

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120295.D
 Acq On : 14 May 2020 17:20
 Operator : MA/SJ
 Sample : PB128845BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128845BS

Quant Time: May 14 18:22:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 12:47:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	357565	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	1426033	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	772666	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1415719	20.00	ng	0.00
76) Chrysene-d12	13.79	240	1059867	20.00	ng	0.00
87) Perylene-d12	15.17	264	972632	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.24	112	1938813	105.50	ng	0.01
7) Phenol-d6	6.28	99	2427082	104.44	ng	0.00
23) Nitrobenzene-d5	7.20	82	1525546	73.24	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	667797	106.00	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	2699702	71.78	ng	0.00
79) Terphenyl-d14	12.73	244	3118526	65.00	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.27	88	269603	36.880	ng	99
3) Pyridine	2.95	79	620533	27.004	ng	96
4) n-Nitrosodimethylamine	2.89	42	324754	36.092	ng	97
6) Aniline	6.29	93	650361	21.882	ng	# 75
8) 2-Chlorophenol	6.41	128	792711	36.996	ng	97
9) Benzaldehyde	6.17	77	492046	34.345	ng	99
10) Phenol	6.29	94	942895	34.756	ng	84
11) bis(2-Chloroethyl)ether	6.36	93	713007	32.902	ng	96
12) 1,3-Dichlorobenzene	6.56	146	771869	33.665	ng	98
13) 1,4-Dichlorobenzene	6.64	146	816607	34.580	ng	97
14) 1,2-Dichlorobenzene	6.79	146	730429	34.348	ng	98
15) Benzyl Alcohol	6.78	79	602238	36.477	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1186049	34.730	ng	99
17) 2-Methylphenol	6.90	107	620761	34.318	ng	97
18) Hexachloroethane	7.13	117	296124	32.917	ng	96
19) n-Nitroso-di-n-propylamine	7.05	70	539613	35.443	ng	94
20) 3+4-Methylphenols	7.06	107	800818	34.052	ng	98
22) Acetophenone	7.04	105	1054034	36.080	ng	98
24) Nitrobenzene	7.22	77	796648	35.540	ng	99
25) Isophorone	7.45	82	1370604	31.627	ng	98
26) 2-Nitrophenol	7.53	139	401609	34.257	ng	92
27) 2,4-Dimethylphenol	7.58	122	615979	36.120	ng	95
28) bis(2-Chloroethoxy)methane	7.67	93	901561	33.098	ng	98
29) 2,4-Dichlorophenol	7.78	162	610711	34.868	ng	98
30) 1,2,4-Trichlorobenzene	7.85	180	661636	34.089	ng	98
31) Naphthalene	7.93	128	2253169	37.437	ng	99
32) Benzoic acid	7.73	122	364874	32.642	ng	98
33) 4-Chloroaniline	7.99	127	275034	10.028	ng	97
34) Hexachlorobutadiene	8.05	225	362466	32.310	ng	97
35) Caprolactam	8.36	113	113416	19.793	ng	94
36) 4-Chloro-3-methylphenol	8.49	107	649129	34.260	ng	99
37) 2-Methylnaphthalene	8.62	142	1516202	36.813	ng	98
38) 1-Methylnaphthalene	8.72	142	1416019	35.448	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.79	216	639351	32.816	ng	99

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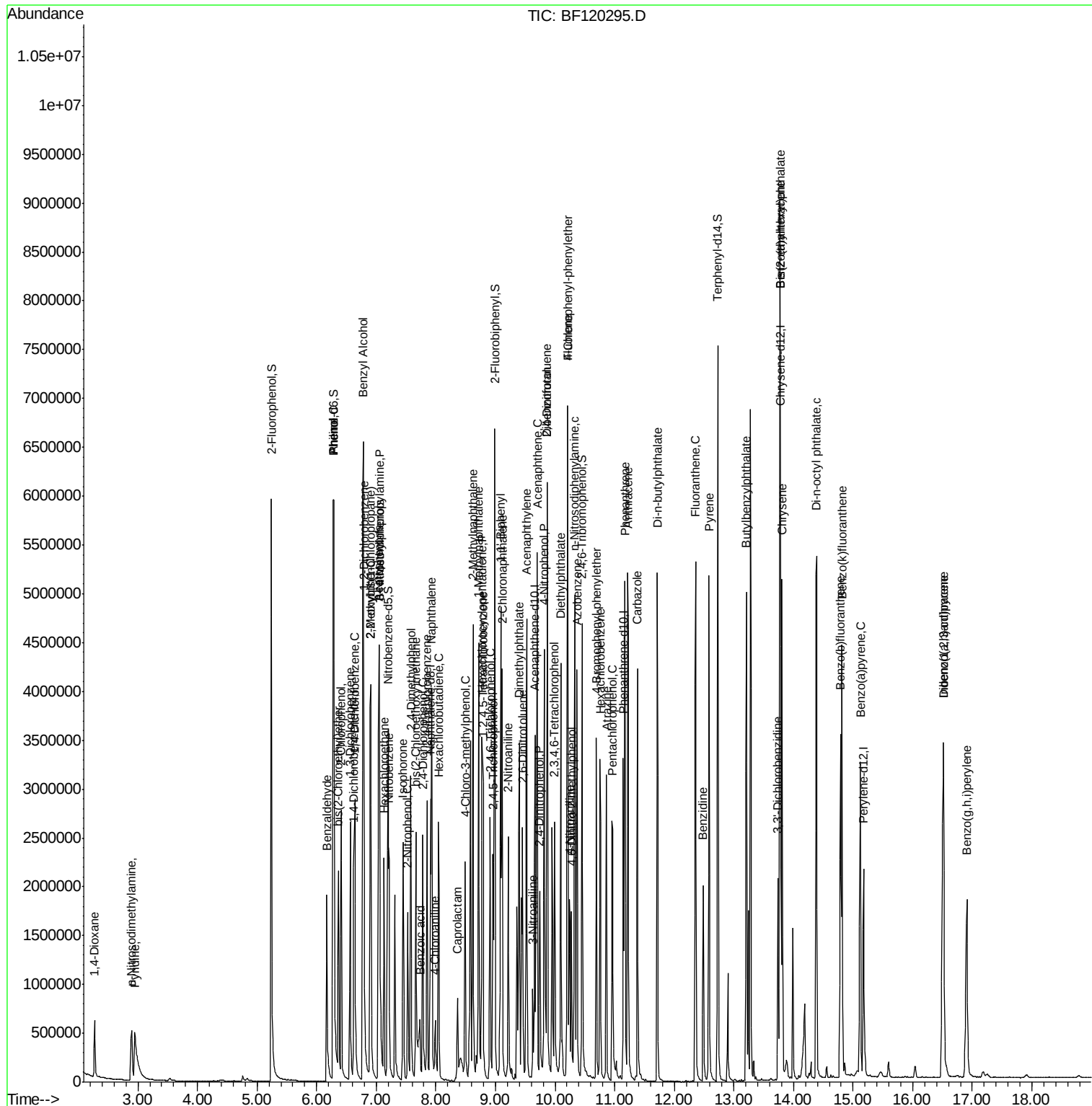
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	554845	69.946	nq	99
43) 2,4,6-Trichlorophenol	8.91	196	419409	32.070	nq	99
44) 2,4,5-Trichlorophenol	8.96	196	439407	29.257	nq	98
46) 1,1'-Biphenyl	9.09	154	1868343	36.905	nq	99
47) 2-Chloronaphthalene	9.11	162	1433444	35.298	nq	99
48) 2-Nitroaniline	9.22	65	498148	33.620	nq	98
49) Acenaphthylene	9.53	152	2235390	36.036	nq	100
50) Dimethylphthalate	9.40	163	1671781	34.227	nq	100
51) 2,6-Dinitrotoluene	9.46	165	373774	34.287	nq	89
52) Acenaphthene	9.70	154	1323042	35.582	nq	100
53) 3-Nitroaniline	9.63	138	172648	13.281	nq	98
54) 2,4-Dinitrophenol	9.75	184	352803	68.561	nq	91
55) Dibenzofuran	9.87	168	1950278	36.423	nq	100
56) 4-Nitrophenol	9.82	139	442481	63.345	nq	89
57) 2,4-Dinitrotoluene	9.87	165	448818	35.097	nq	98
58) Fluorene	10.22	166	1518893	37.247	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.00	232	404650	35.801	nq	98
60) Diethylphthalate	10.10	149	1687762	35.792	nq	99
61) 4-Chlorophenyl-phenylether	10.20	204	739465	34.877	nq	98
62) 4-Nitroaniline	10.25	138	367518	30.360	nq	99
63) Azobenzene	10.37	77	1669934	37.470	nq	98
65) 4,6-Dinitro-2-methylphenol	10.27	198	260457	36.378	nq	91
66) n-Nitrosodiphenylamine	10.33	169	1422933	36.330	nq	100
67) 4-Bromophenyl-phenylether	10.69	248	472378	34.385	nq	99
68) Hexachlorobenzene	10.76	284	505229	35.154	nq	98
69) Atrazine	10.86	200	399023	34.047	nq	99
70) Pentachlorophenol	10.96	266	410057	67.084	nq	99
71) Phenanthrene	11.17	178	2158576	36.286	nq	100
72) Anthracene	11.22	178	2355812	36.992	nq	99
73) Carbazole	11.39	167	2126232	35.732	nq	99
74) Di-n-butylphthalate	11.72	149	2684946	37.440	nq	99
75) Fluoranthene	12.36	202	2423128	38.003	nq	99
77) Benzidine	12.49	184	956323	30.899	nq	96
78) Pyrene	12.59	202	2418821	32.013	nq	99
80) Butylbenzylphthalate	13.21	149	1253922	35.243	nq	98
81) Benzo(a)anthracene	13.77	228	1904080	34.062	nq	99
82) 3,3'-Dichlorobenzidine	13.74	252	454111	21.557	nq	99
83) Chrysene	13.82	228	2091688	34.846	nq	99
84) Bis(2-ethylhexyl)phthalate	13.77	149	1539388	34.776	nq	98
85) Di-n-octyl phthalate	14.39	149	2855278	35.855	nq	100
86) Indeno(1,2,3-cd)pyrene	16.51	276	1821394	33.432	nq	100
88) Benzo(b)fluoranthene	14.79	252	1938748	36.499	nq	99
89) Benzo(k)fluoranthene	14.82	252	1678236	36.467	nq	100
90) Benzo(a)pyrene	15.12	252	1649269	34.621	nq	100
91) Dibenzo(a,h)anthracene	16.52	278	1514788	35.894	nq	99
92) Benzo(g,h,i)perylene	16.91	276	1555030	36.540	nq	98

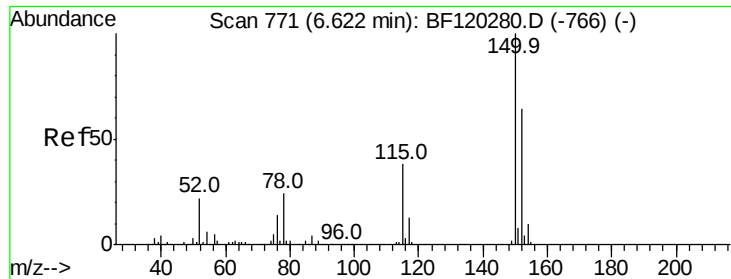
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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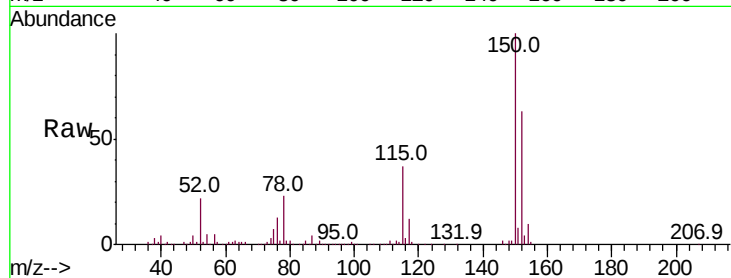


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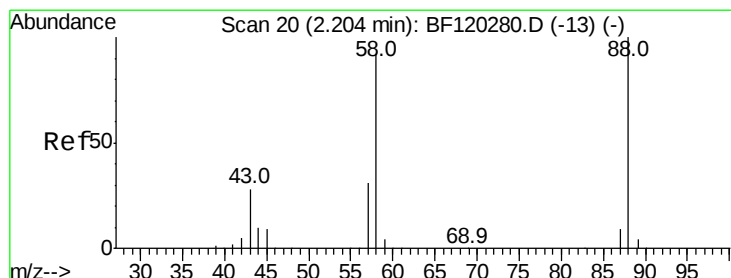
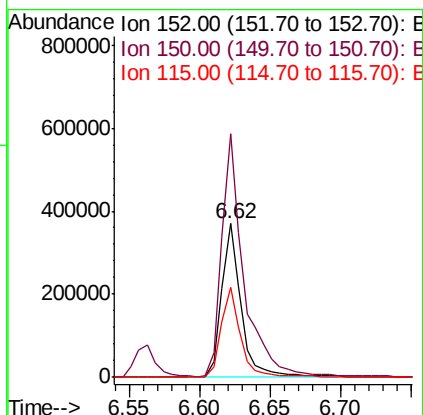
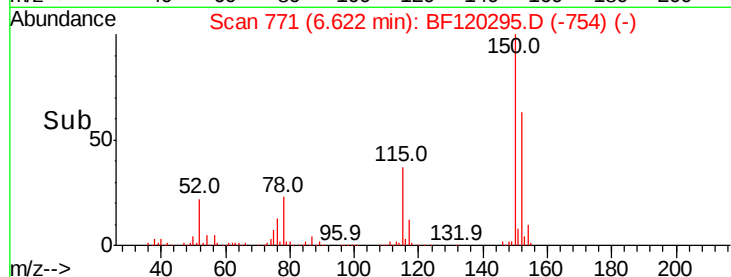
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:152 Resp: 357565
Ion Ratio Lower Upper
152 100
150 158.5 126.2 189.2
115 58.4 47.9 71.9



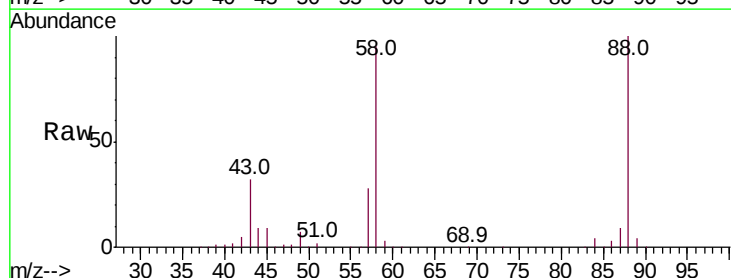
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



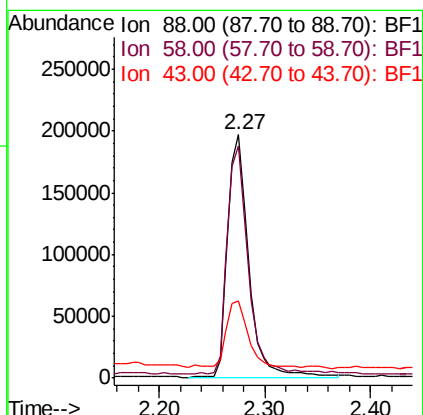
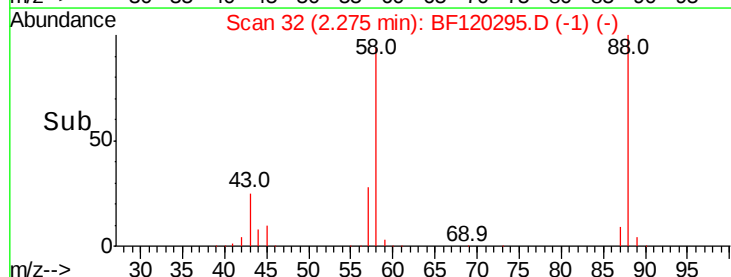
#2

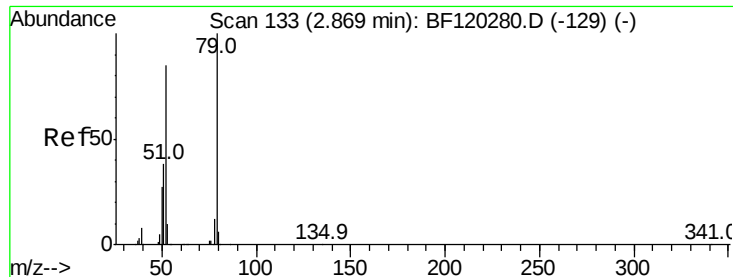
1,4-Dioxane
Concen: 36.880 ng
RT: 2.27 min Scan# 32
Delta R.T. 0.07 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion: 88 Resp: 269603
Ion Ratio Lower Upper
88 100
58 95.4 75.8 113.6
43 28.3 23.6 35.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 27.004 ng

RT: 2.95 min Scan# 146

Delta R.T. 0.08 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Instrument :

BNA_F

ClientSampleId :

PB128845BS

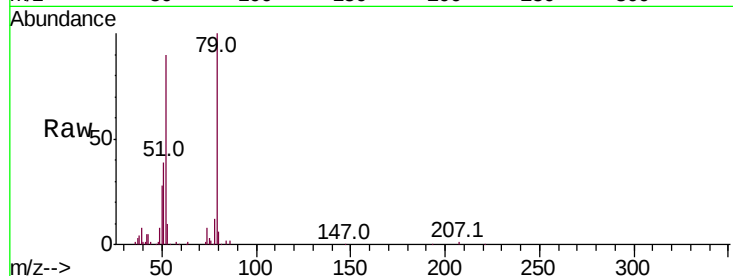
Tot Ion: 79 Resp: 620533

Ion Ratio Lower Upper

79 100

52 90.0 68.4 102.6

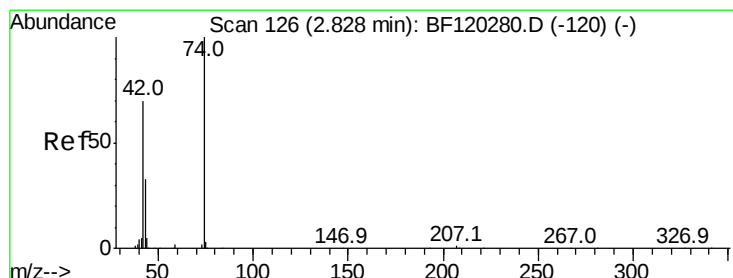
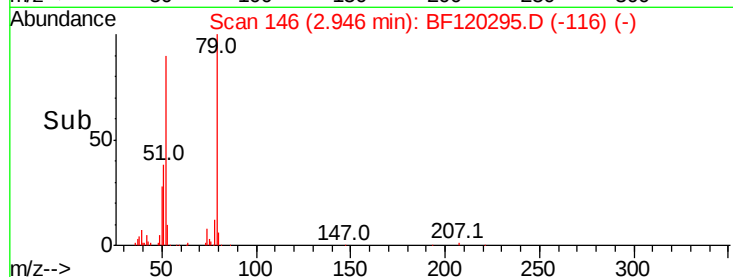
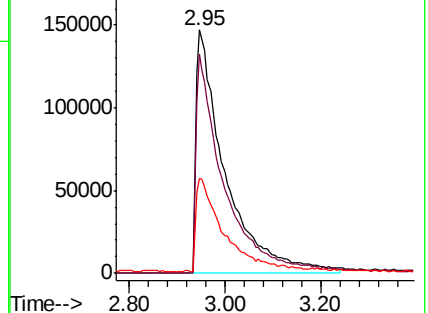
51 38.9 31.0 46.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.092 ng

RT: 2.89 min Scan# 137

Delta R.T. 0.06 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

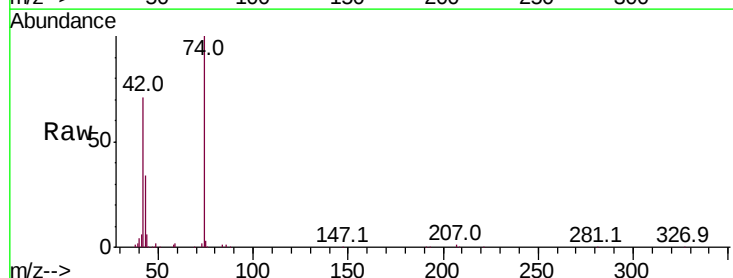
Tgt Ion: 42 Resp: 324754

Ion Ratio Lower Upper

42 100

74 139.9 114.8 172.2

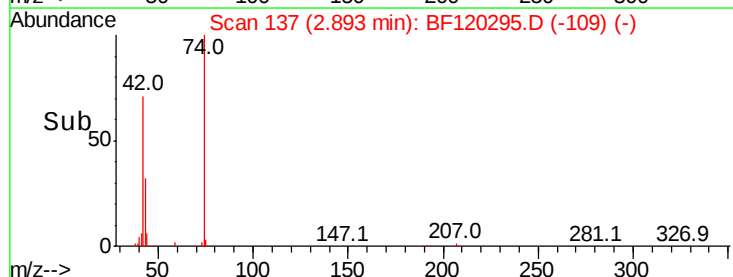
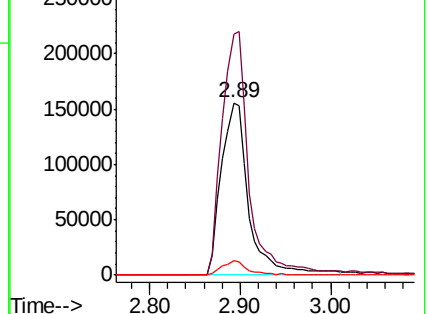
44 8.1 5.6 8.4

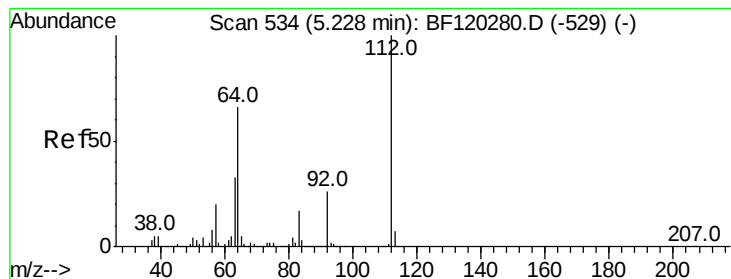


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 105.501 ng

RT: 5.24 min Scan# 536

Delta R.T. 0.01 min

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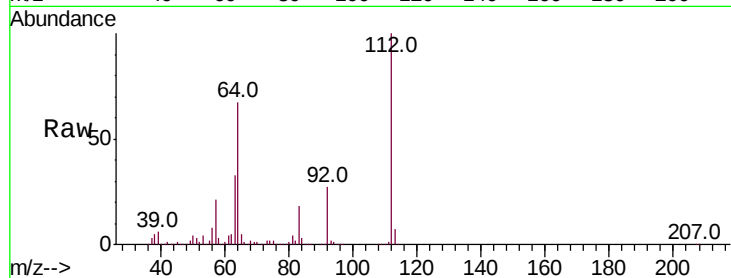
Tot Ion:112 Resp: 1938813

Ion Ratio Lower Upper

112 100

64 67.4 52.7 79.1

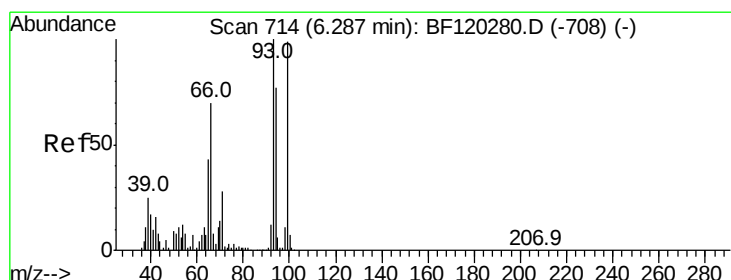
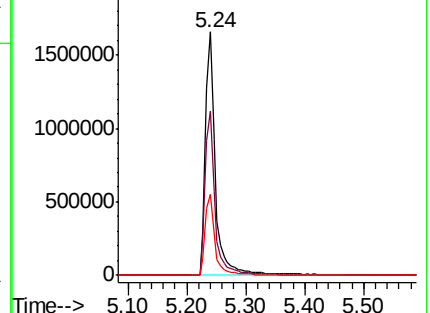
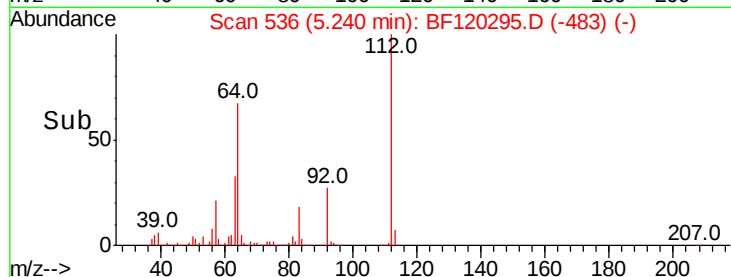
63 33.1 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.882 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

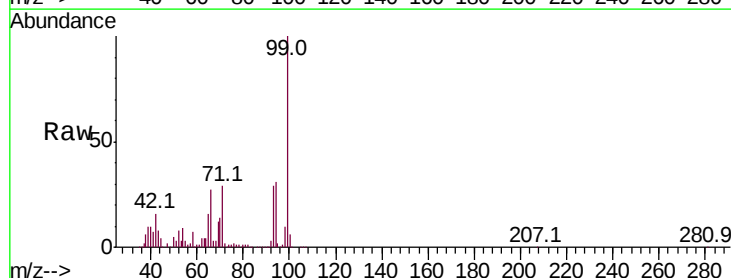
Tgt Ion: 93 Resp: 650361

Ion Ratio Lower Upper

93 100

66 93.5 56.2 84.4#

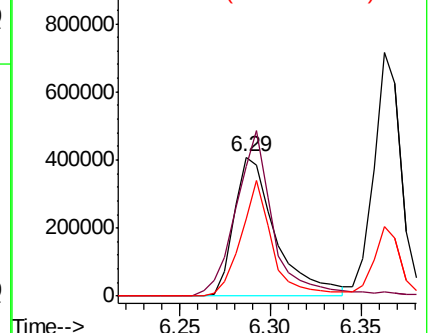
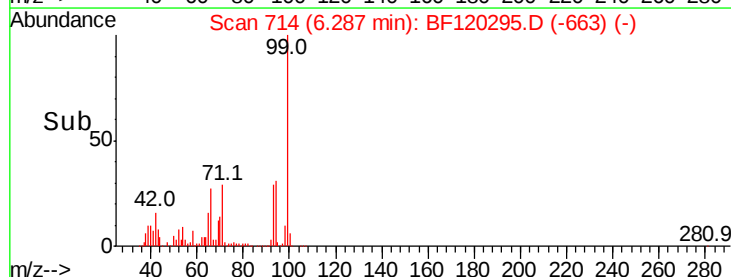
65 55.2 34.2 51.2#

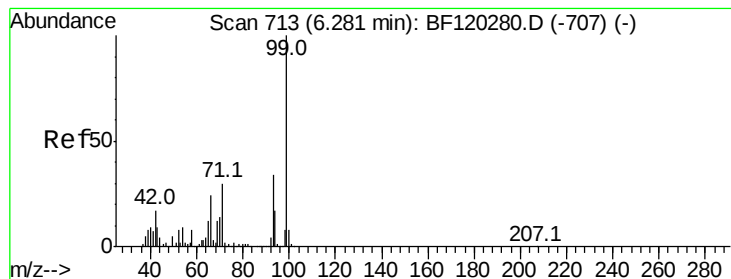


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.437 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.00 min

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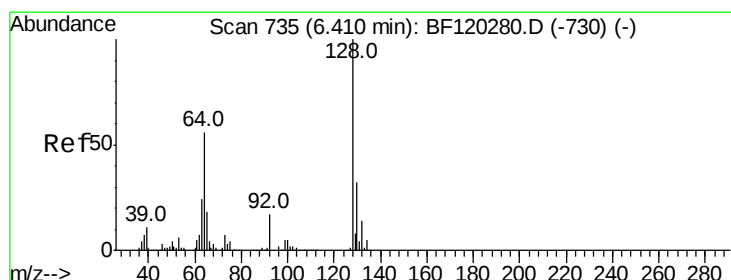
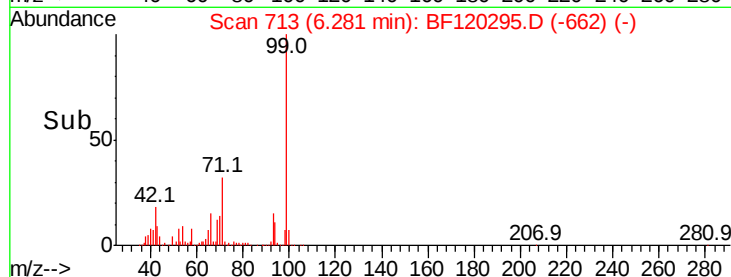
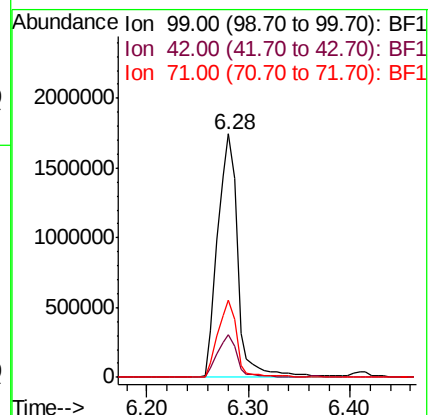
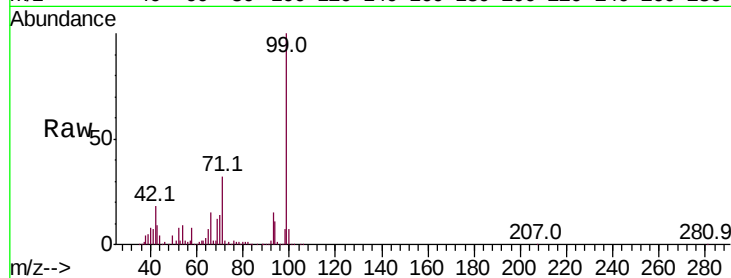
Tot Ion: 99 Resp: 2427082

Ion Ratio Lower Upper

99 100

42 17.6 13.6 20.4

71 31.7 24.2 36.4



#8

2-Chlorophenol

Concen: 36.996 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF120295.D

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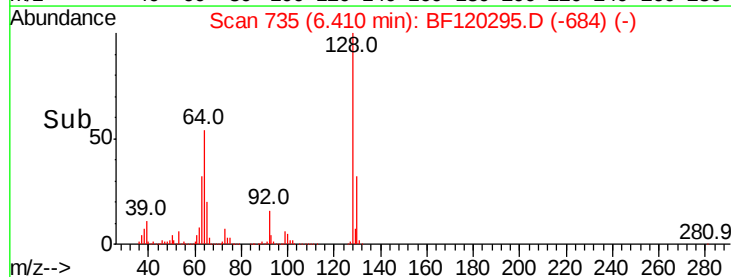
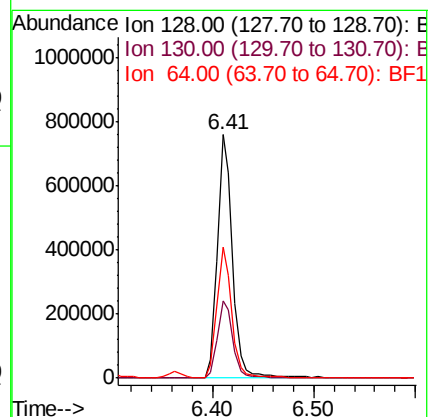
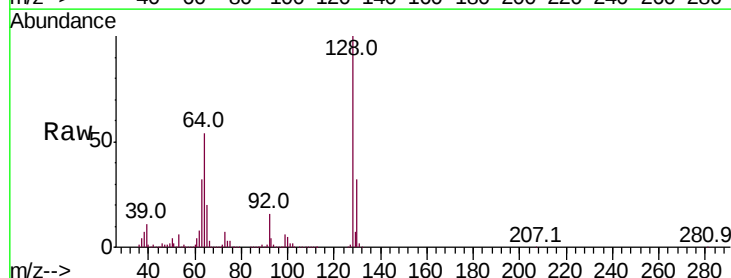
Tgt Ion: 128 Resp: 792711

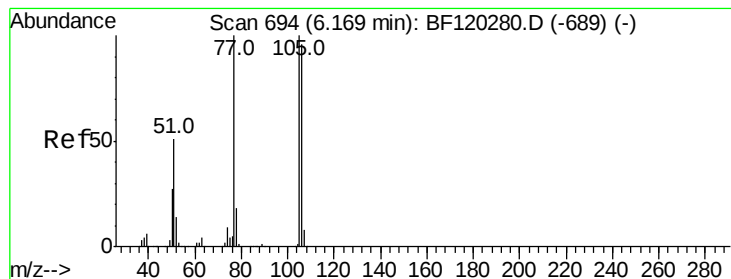
Ion Ratio Lower Upper

128 100

130 31.7 12.4 52.4

64 53.8 36.7 76.7





#9

Benzaldehyde

Concen: 34.345 ng

RT: 6.17 min Scan# 694

Delta R.T. -0.00 min

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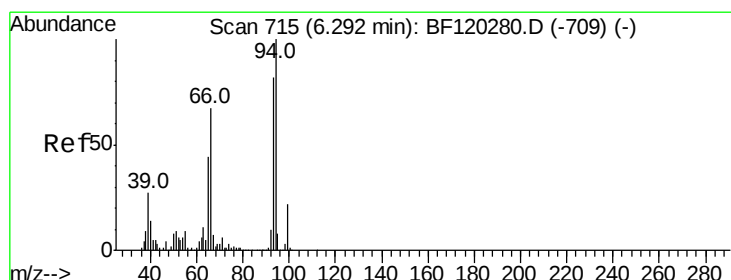
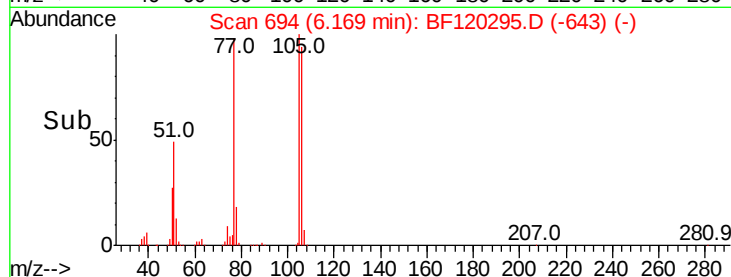
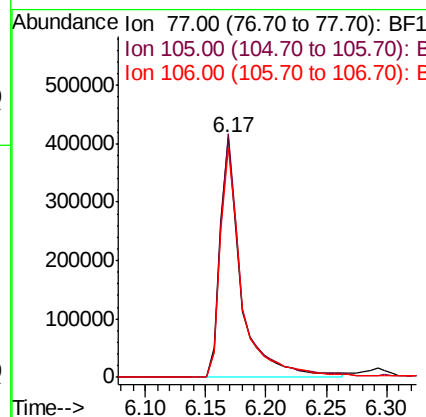
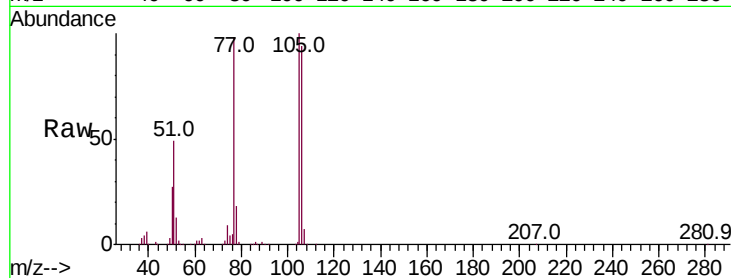
Tot Ion: 77 Resp: 492046

Ion Ratio Lower Upper

77 100

105 101.7 79.9 119.9

106 95.8 75.7 115.7



#10

Phenol

Concen: 34.756 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

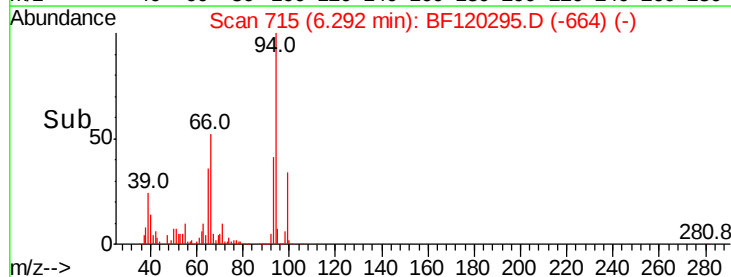
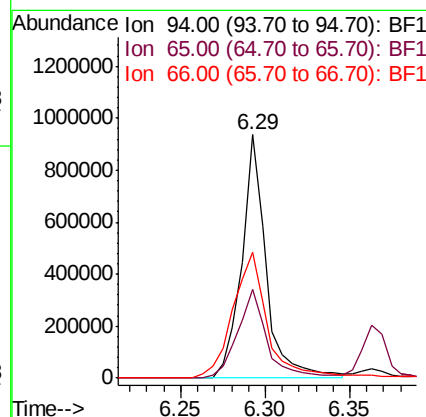
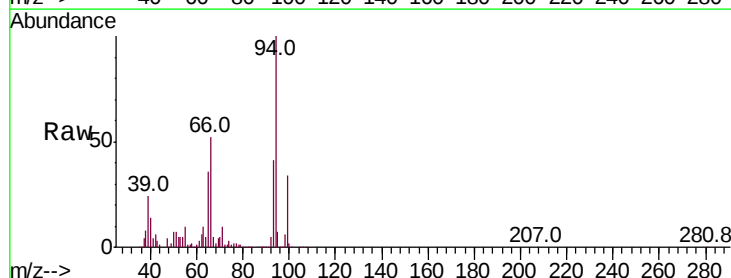
Tgt Ion: 94 Resp: 942895

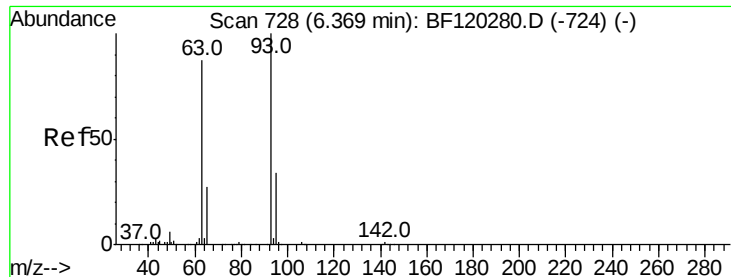
Ion Ratio Lower Upper

94 100

65 36.4 24.1 64.1

66 51.9 47.5 87.5

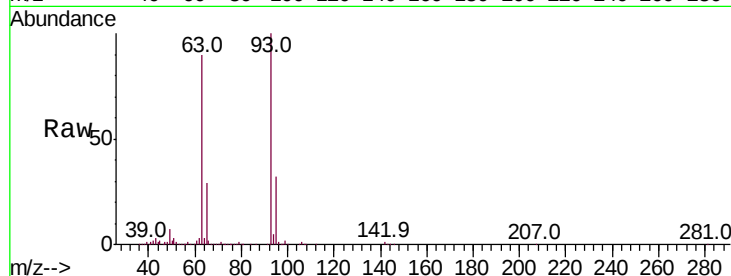




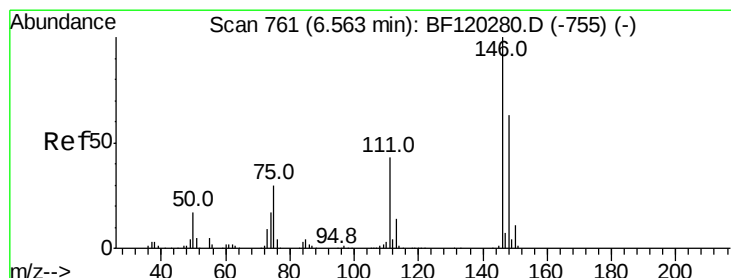
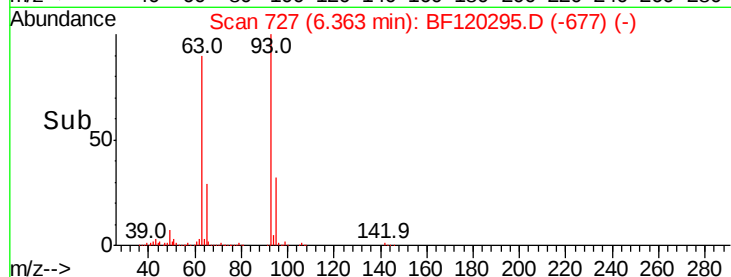
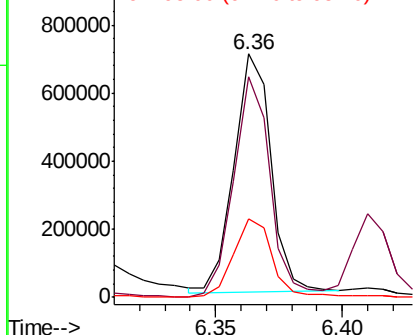
#11
bis(2-Chloroethyl)ether
Concen: 32.902 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Instrument :
BNA_F
ClientSampleId :
PB128845BS

Tot Ion: 93 Resp: 713007
Ion Ratio Lower Upper
93 100
63 90.5 65.4 105.4
95 32.1 12.9 52.9

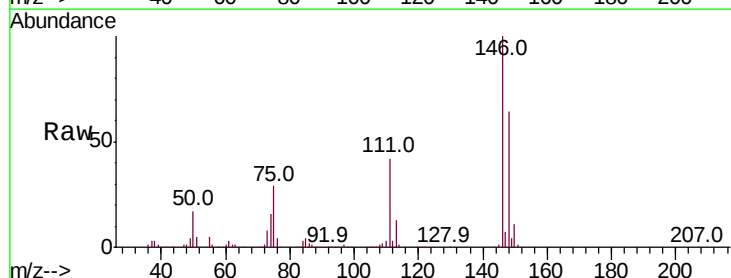


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

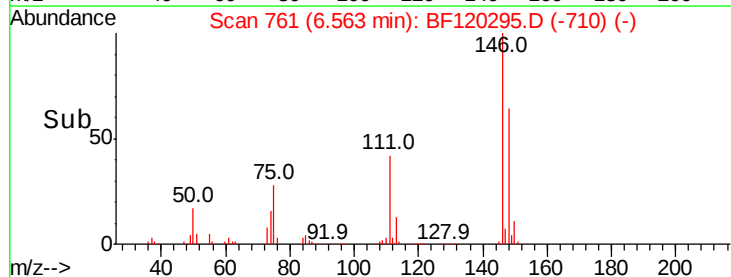
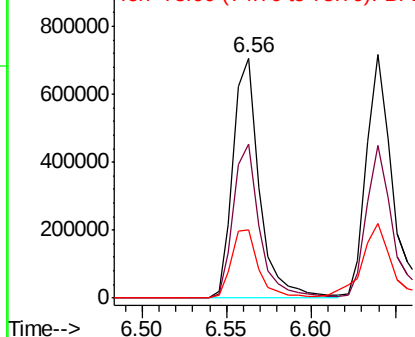


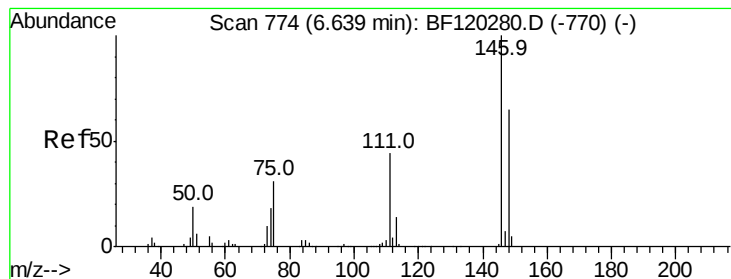
#12
1,3-Dichlorobenzene
Concen: 33.665 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion: 146 Resp: 771869
Ion Ratio Lower Upper
146 100
148 64.3 50.5 75.7
75 28.6 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 34.580 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Instrument :

BNA_F

ClientSampleId :

PB128845BS

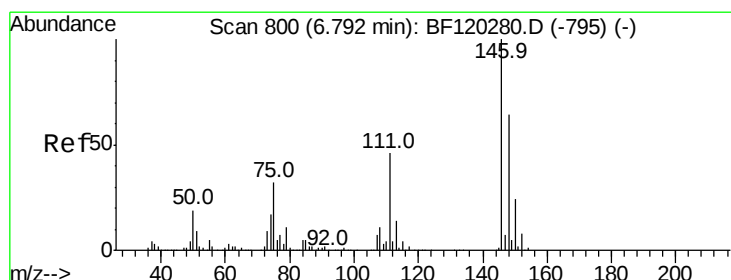
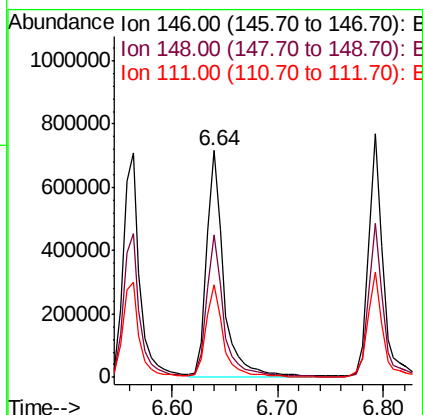
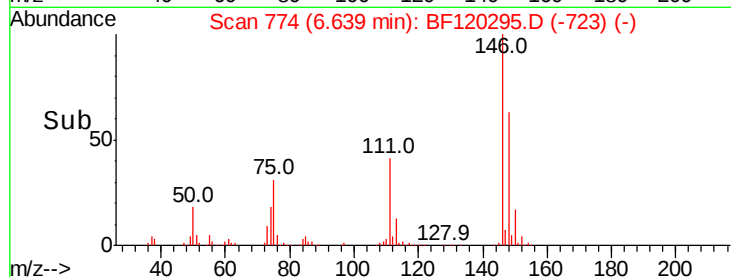
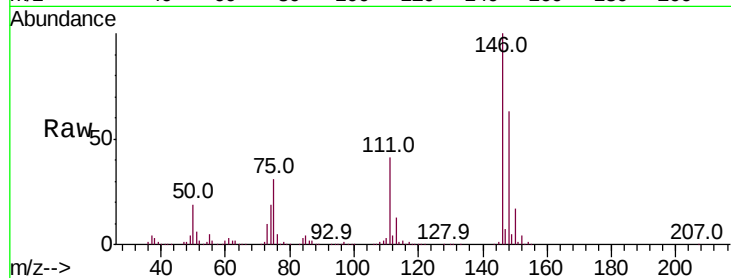
Tot Ion:146 Resp: 816607

Ion Ratio Lower Upper

146 100

148 62.9 51.6 77.4

111 40.8 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 34.348 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

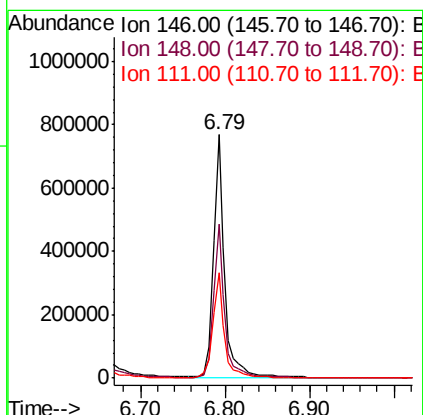
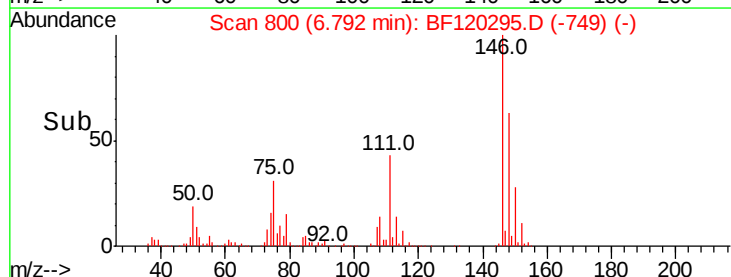
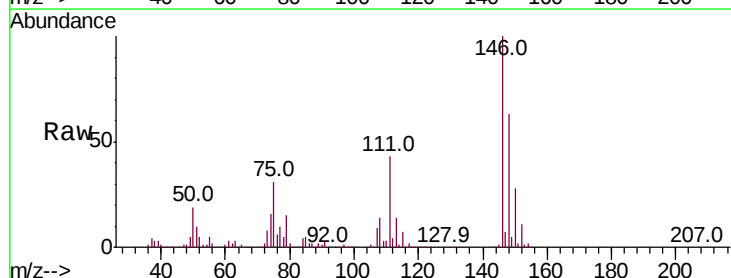
Tgt Ion:146 Resp: 730429

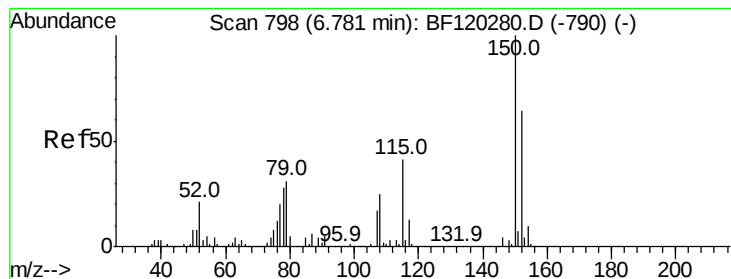
Ion Ratio Lower Upper

146 100

148 63.1 51.1 76.7

111 43.4 36.6 55.0





#15

Benzyl Alcohol

Concen: 36.477 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Instrument :

BNA_F

ClientSampleId :

PB128845BS

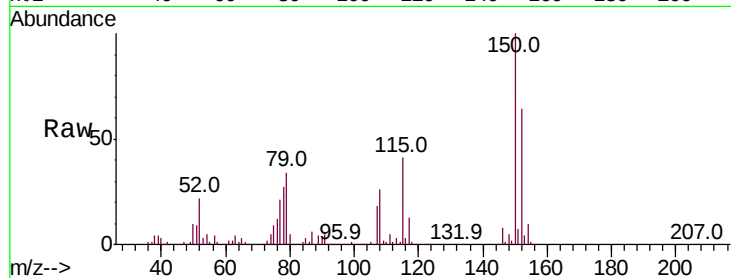
Tot Ion: 79 Resp: 602238

Ion Ratio Lower Upper

79 100

108 77.9 64.2 96.4

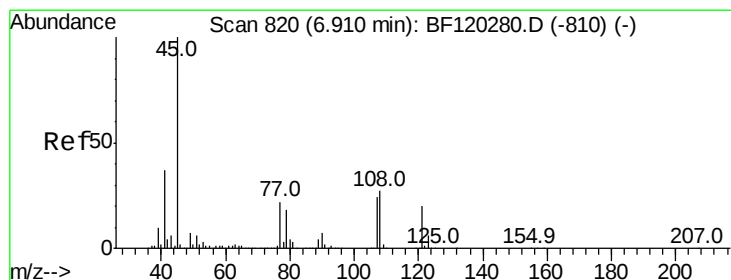
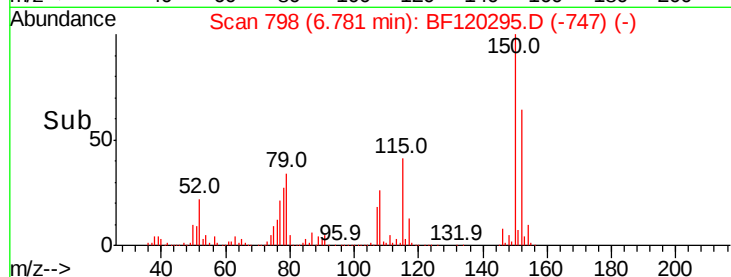
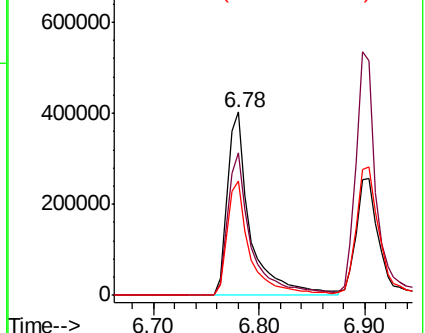
77 62.5 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.730 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

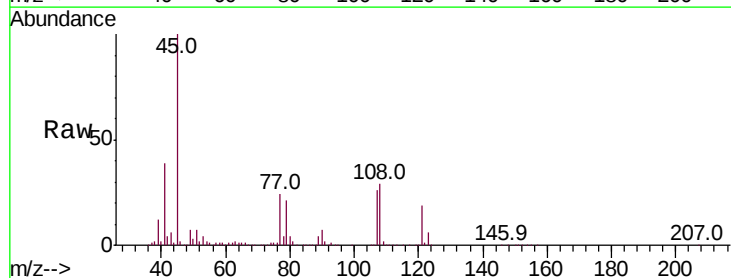
Tgt Ion: 45 Resp: 1186049

Ion Ratio Lower Upper

45 100

77 23.9 3.1 43.1

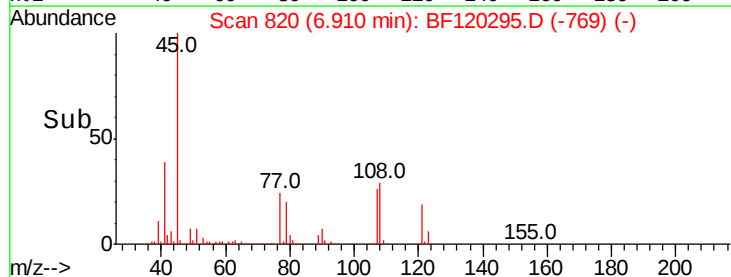
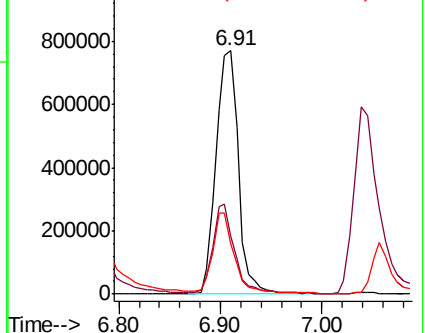
79 20.6 0.0 40.0

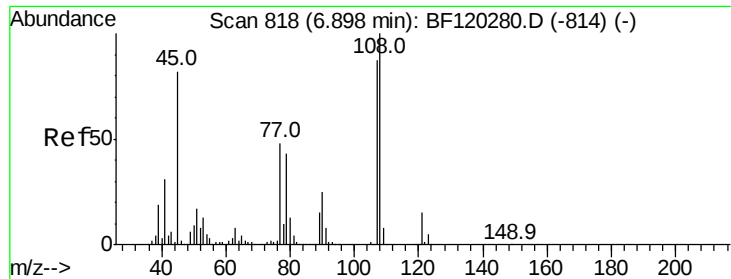


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

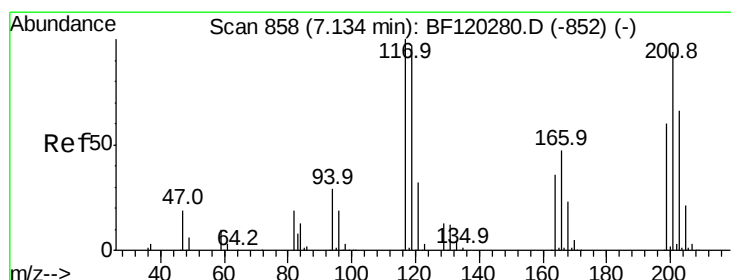
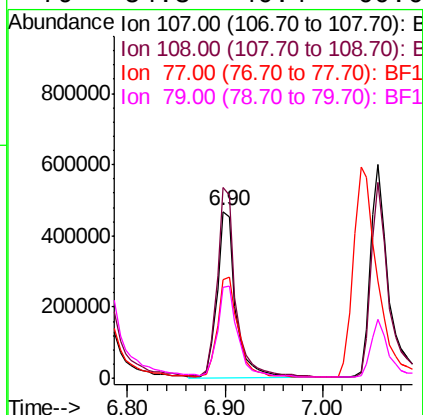
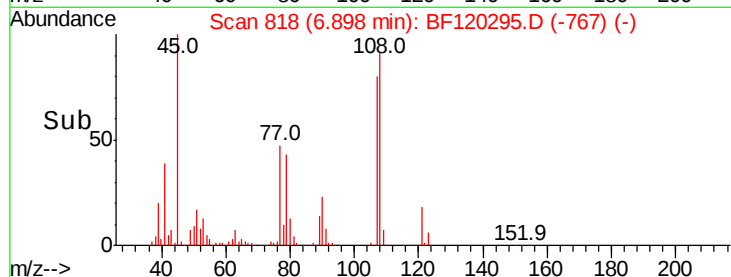
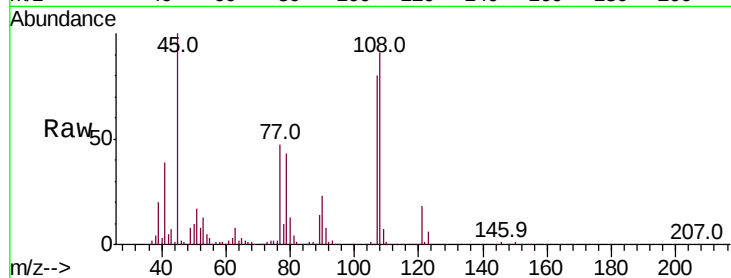




#17
2-Methylphenol
Concen: 34.318 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

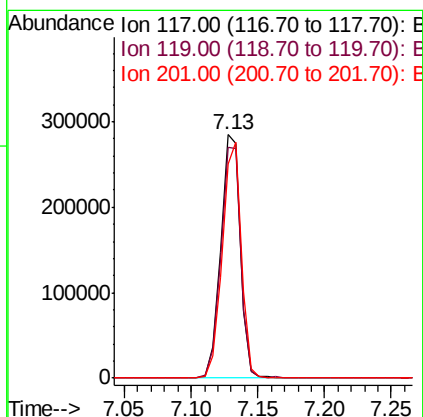
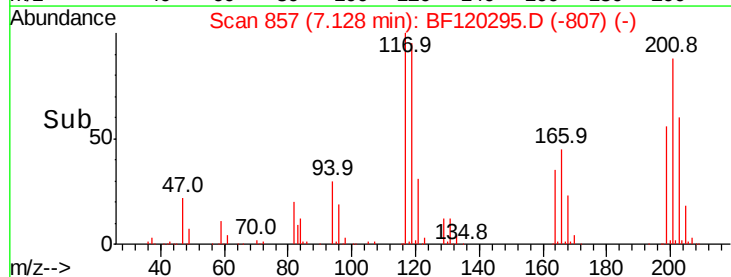
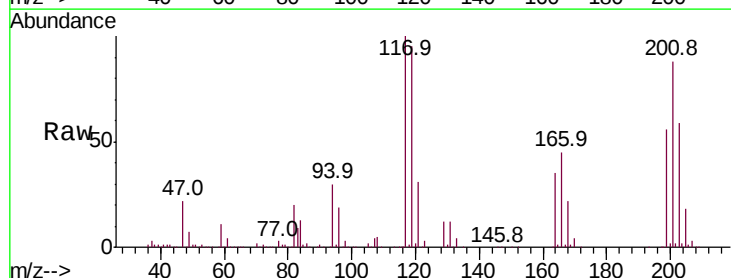
Instrument :
BNA_F
ClientSampleId :
PB128845BS

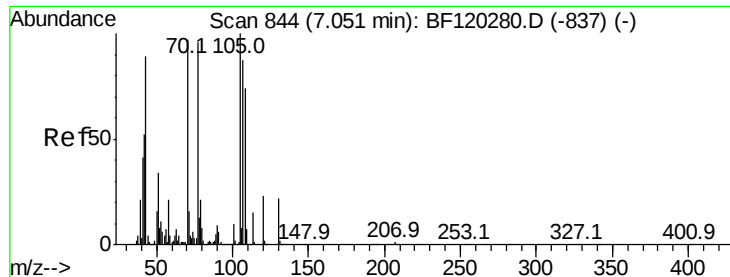
Tot Ion:107 Resp: 620761
Ion Ratio Lower Upper
107 100
108 114.1 92.4 138.6
77 59.2 44.5 66.7
79 54.3 40.4 60.6



#18
Hexachloroethane
Concen: 32.917 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion:117 Resp: 296124
Ion Ratio Lower Upper
117 100
119 94.8 77.4 116.0
201 87.9 74.9 112.3

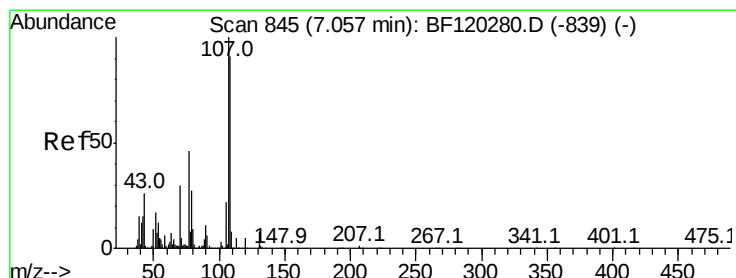
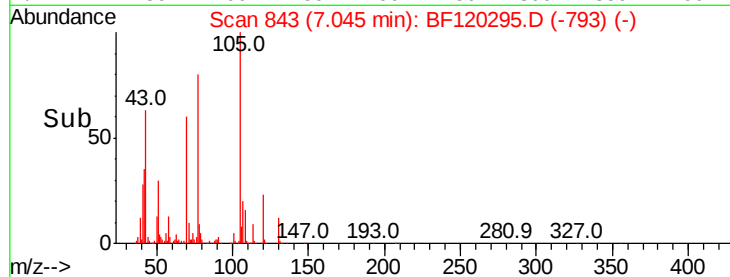
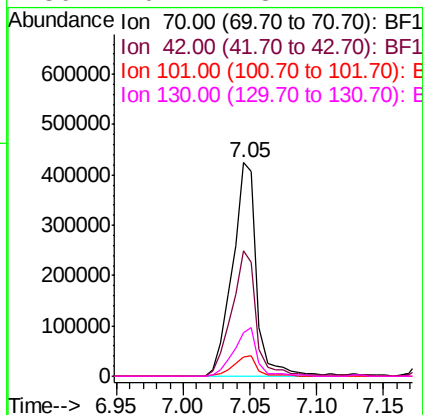
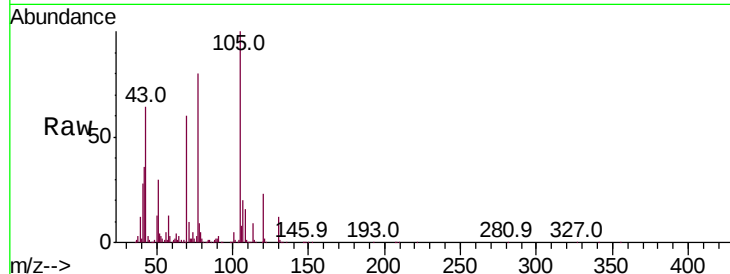




#19
n-Nitroso-di-n-propylamine
Concen: 35.443 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

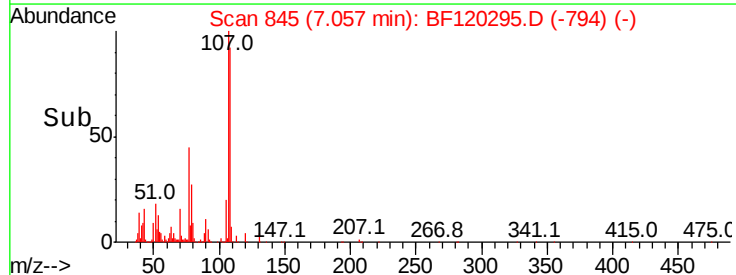
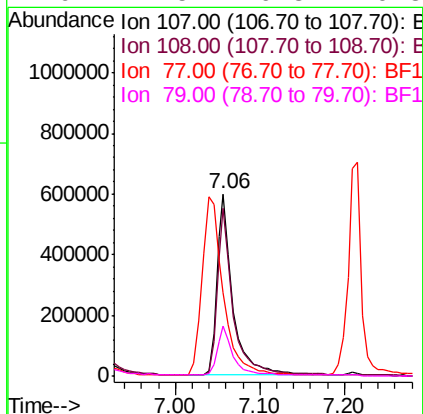
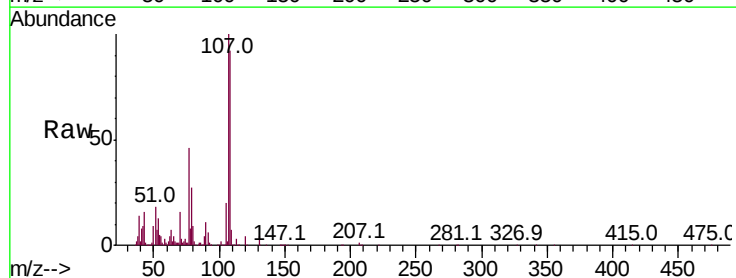
Instrument :
BNA_F
ClientSampleId :
PB128845BS

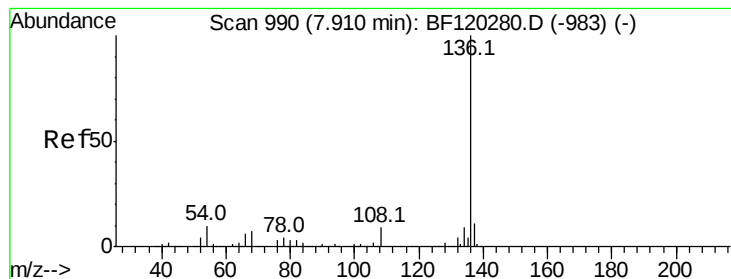
Tot Ion:	70	Resp:	539613
Ion	Ratio	Lower	Upper
70	100		
42	59.0	43.4	65.0
101	8.8	7.8	11.8
130	20.4	18.2	27.4



#20
3+4-Methylphenols
Concen: 34.052 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion:	107	Resp:	800818
Ion	Ratio	Lower	Upper
107	100		
108	91.9	71.1	111.1
77	45.6	28.1	68.1
79	27.5	6.8	46.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Instrument :

BNA_F

ClientSampleId :

PB128845BS

Tot Ion:136 Resp: 1426033

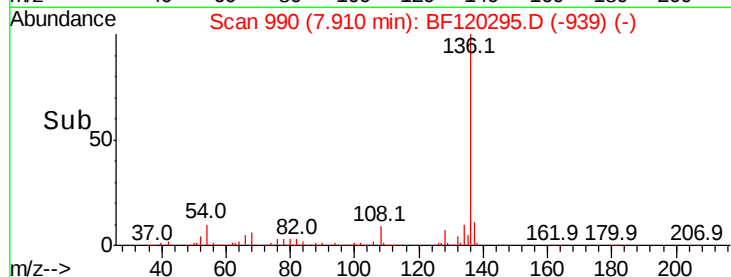
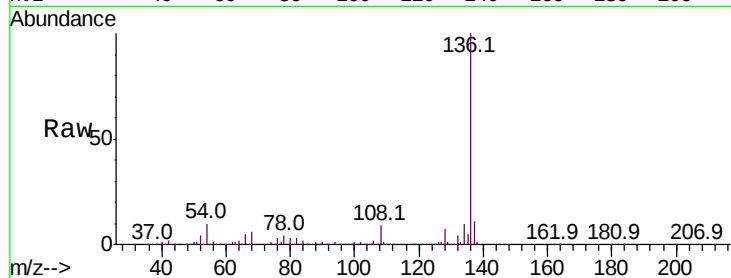
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.9 7.9 11.9

68 6.4 5.4 8.2



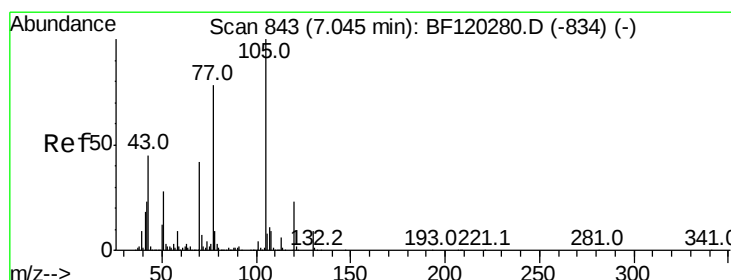
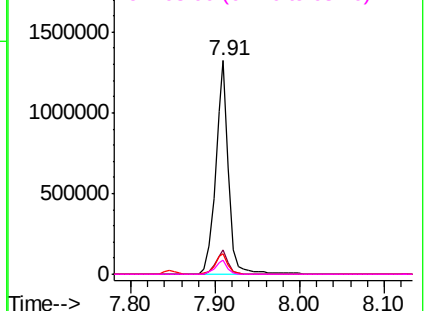
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.080 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Tgt Ion:105 Resp: 1054034

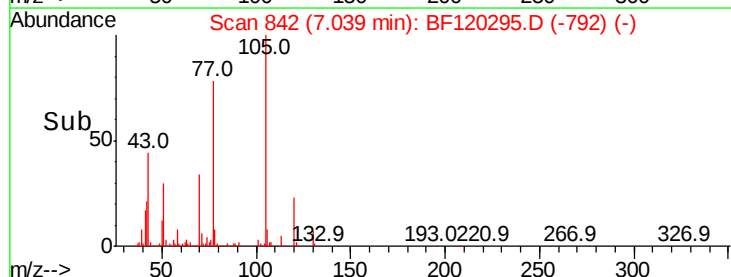
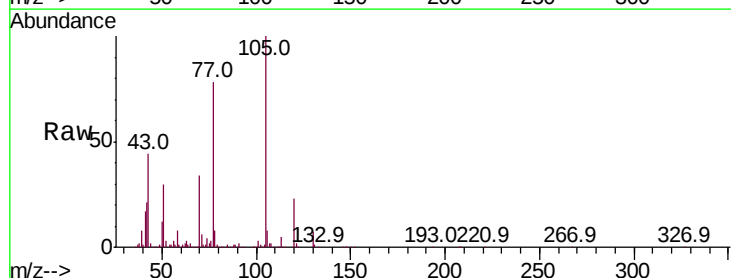
Ion Ratio Lower Upper

105 100

71 5.9 5.6 8.4

51 29.7 22.6 34.0

120 22.9 18.7 28.1



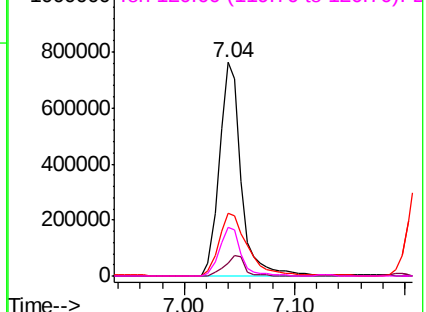
Abundance

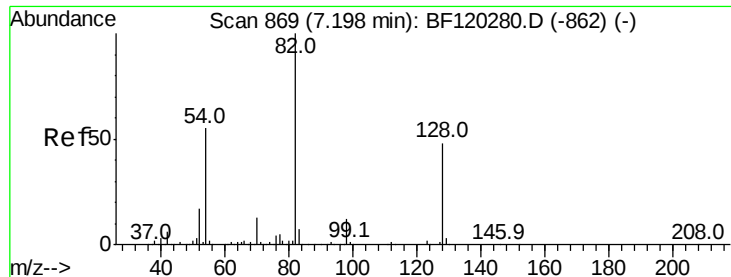
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

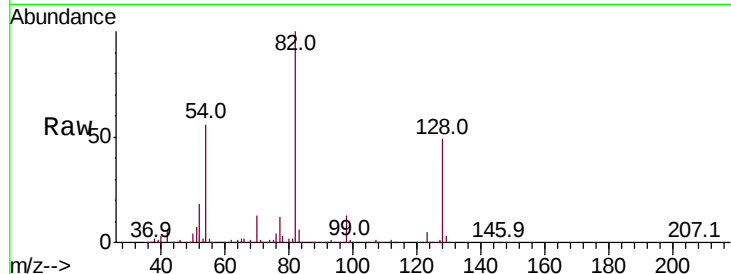




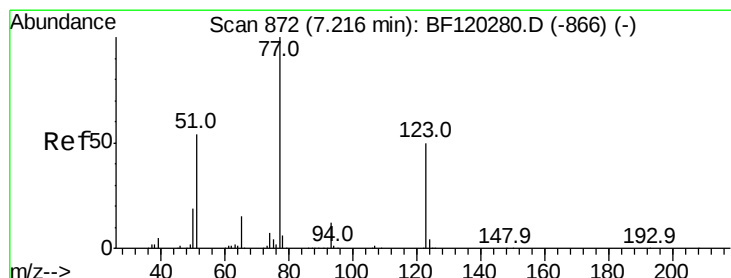
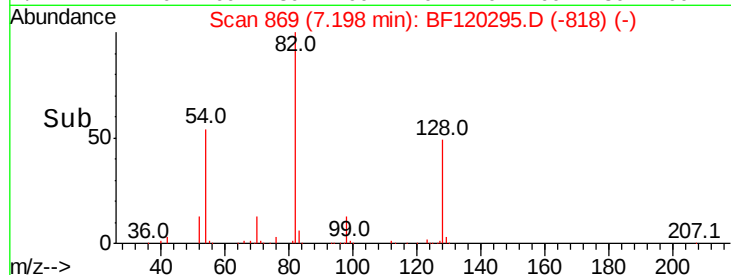
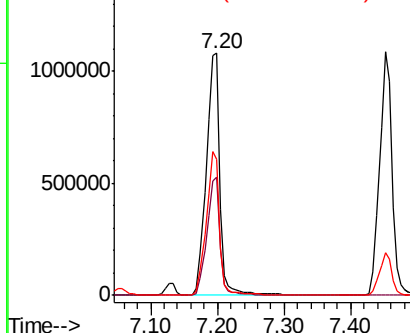
#23
Nitrobenzene-d5
Concen: 73.244 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Instrument :
BNA_F
ClientSampleId :
PB128845BS

Tot Ion: 82 Resp: 1525546
Ion Ratio Lower Upper
82 100
128 49.0 38.3 57.5
54 56.4 43.9 65.9

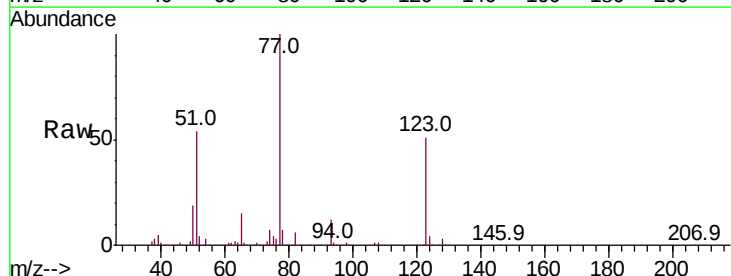


Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

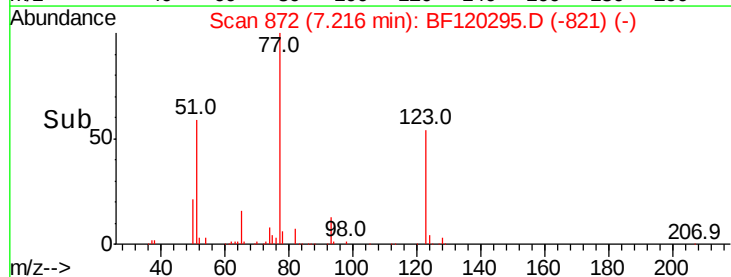
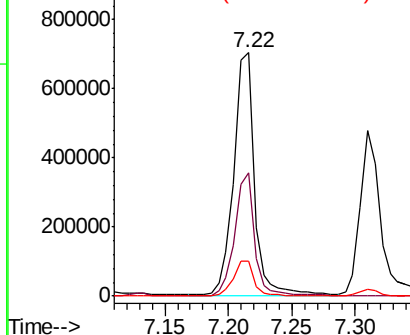


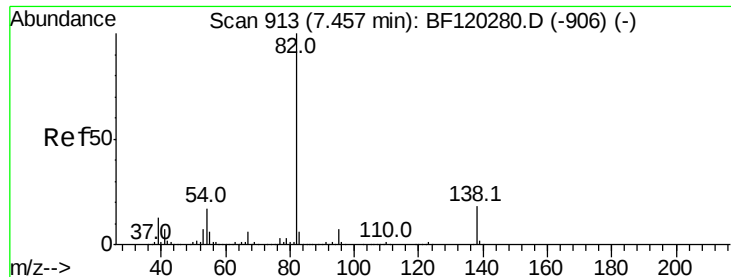
#24
Nitrobenzene
Concen: 35.540 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion: 77 Resp: 796648
Ion Ratio Lower Upper
77 100
123 50.5 40.0 60.0
65 14.5 11.7 17.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
800000
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

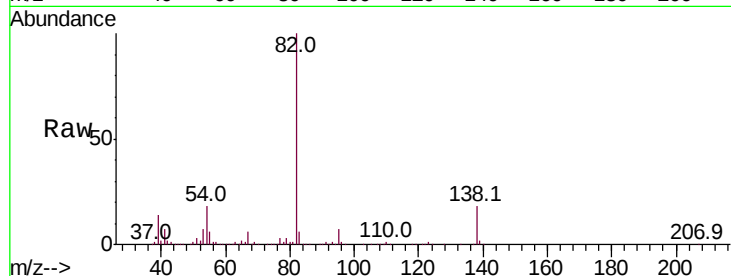




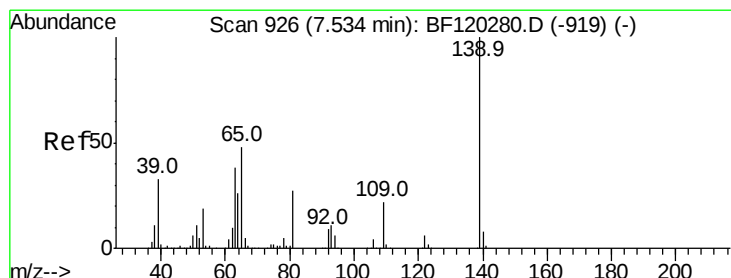
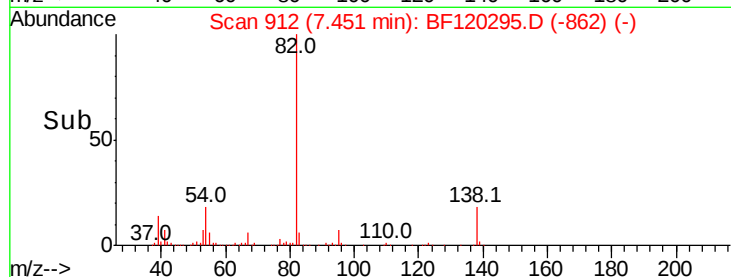
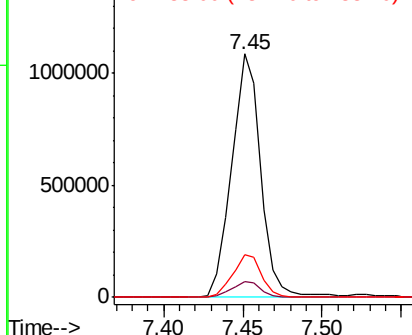
#25
Isophorone
Concen: 31.627 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Instrument :
BNA_F
ClientSampleId :
PB128845BS

Tot Ion: 82 Resp: 1370604
Ion Ratio Lower Upper
82 100
95 6.5 5.4 8.0
138 17.6 14.7 22.1

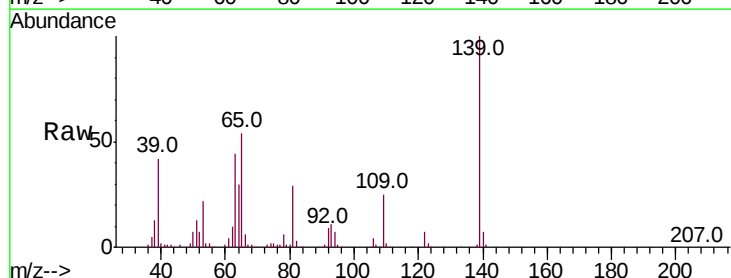


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

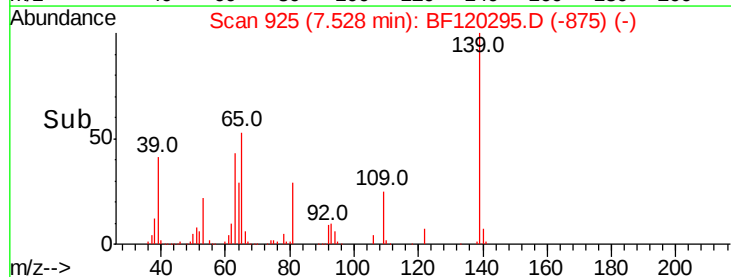
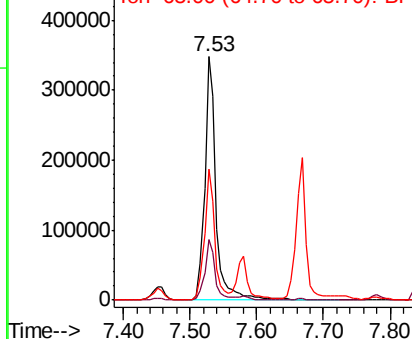


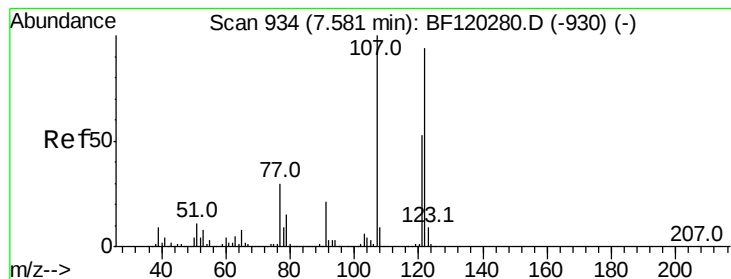
#26
2-Nitrophenol
Concen: 34.257 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion: 139 Resp: 401609
Ion Ratio Lower Upper
139 100
109 25.0 17.7 26.5
65 54.0 38.3 57.5



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 36.120 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Instrument :

BNA_F

ClientSampleId :

PB128845BS

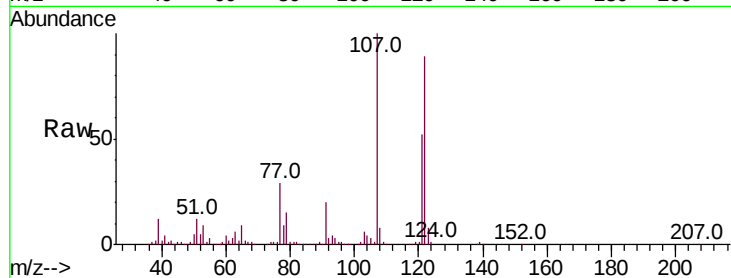
Tot Ion:122 Resp: 615979

Ion Ratio Lower Upper

122 100

107 112.1 85.0 127.6

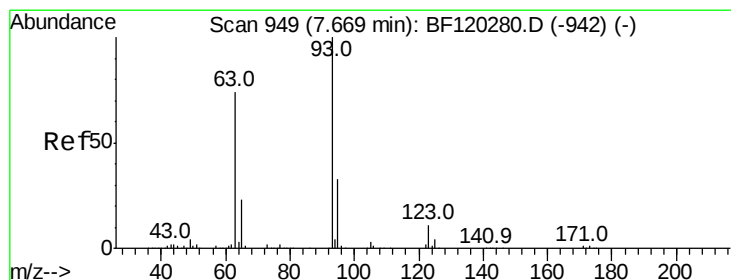
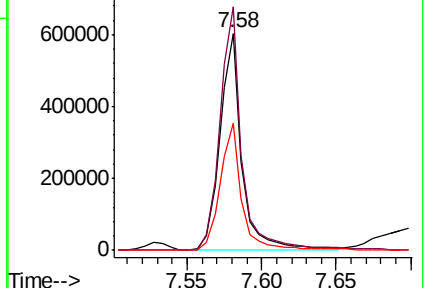
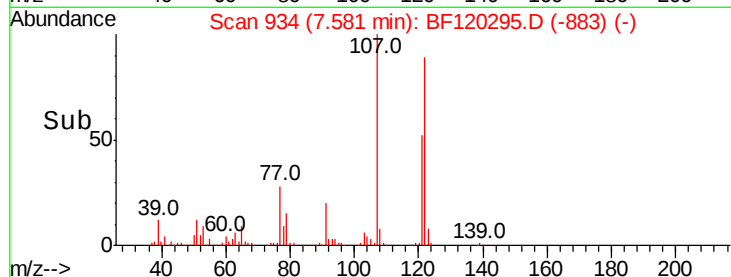
121 58.6 45.1 67.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.098 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

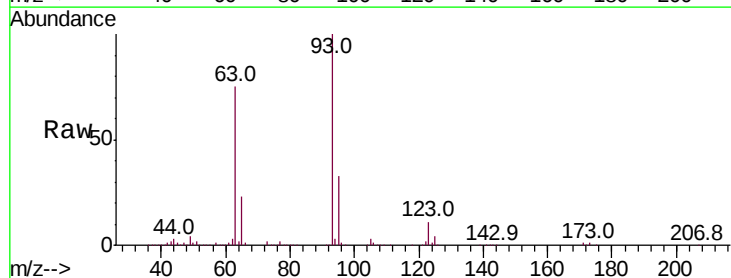
Tgt Ion: 93 Resp: 901561

Ion Ratio Lower Upper

93 100

95 32.5 26.8 40.2

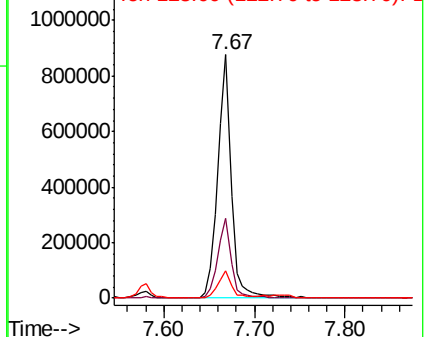
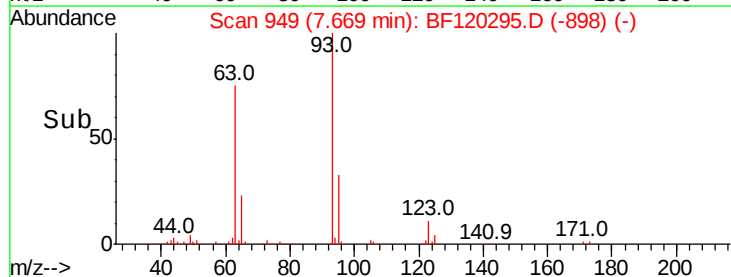
123 11.1 9.2 13.8

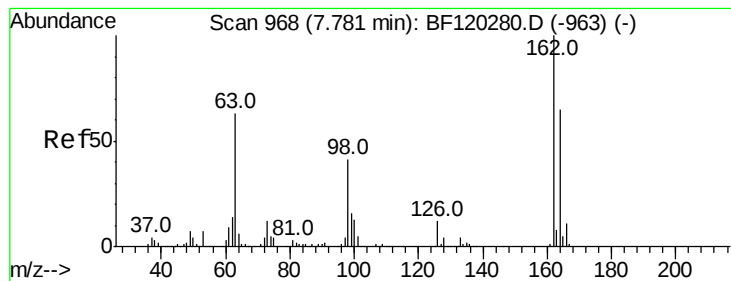


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 34.868 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Instrument :

BNA_F

ClientSampleId :

PB128845BS

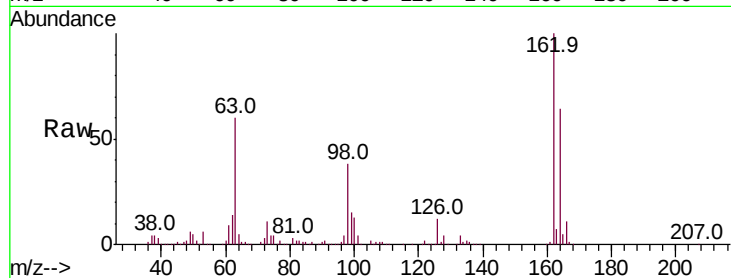
Tot Ion:162 Resp: 610711

Ion Ratio Lower Upper

162 100

164 64.3 44.9 84.9

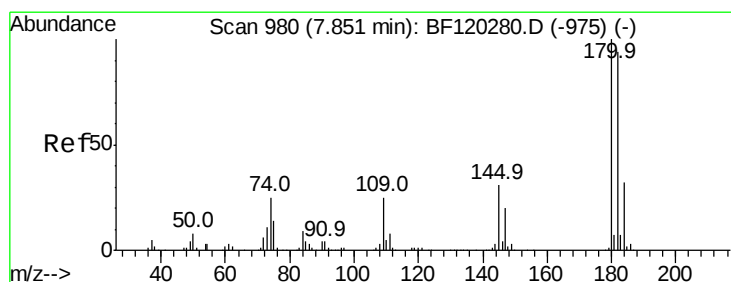
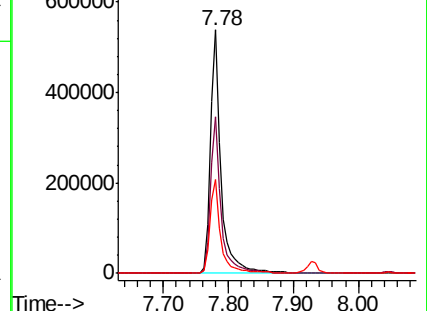
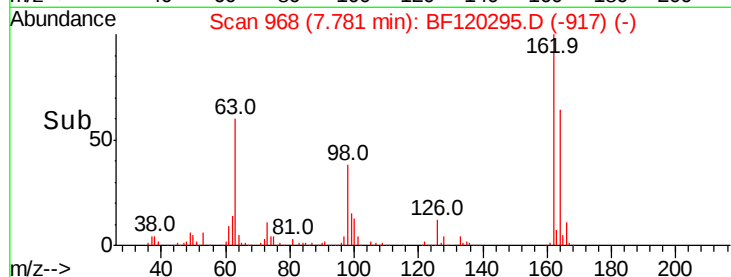
98 38.4 20.7 60.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 34.089 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

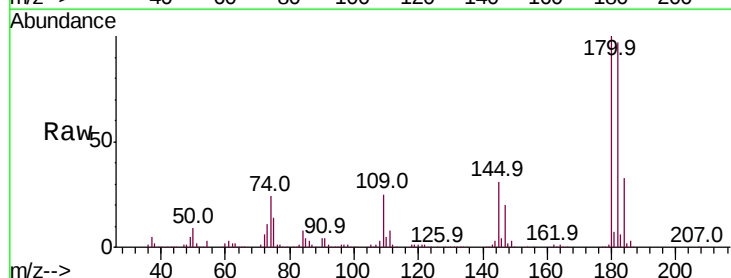
Tgt Ion:180 Resp: 661636

Ion Ratio Lower Upper

180 100

182 96.9 75.3 112.9

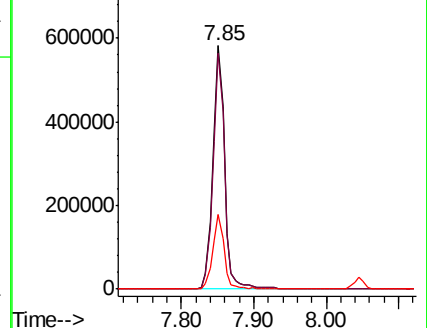
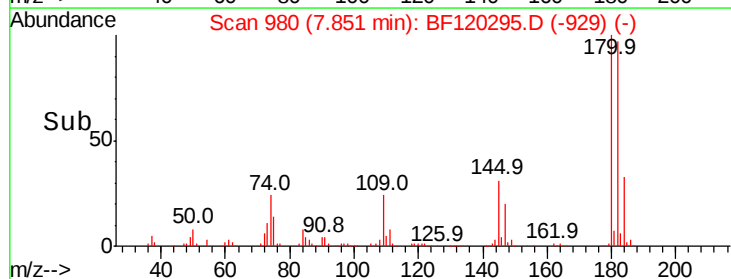
145 30.9 24.9 37.3

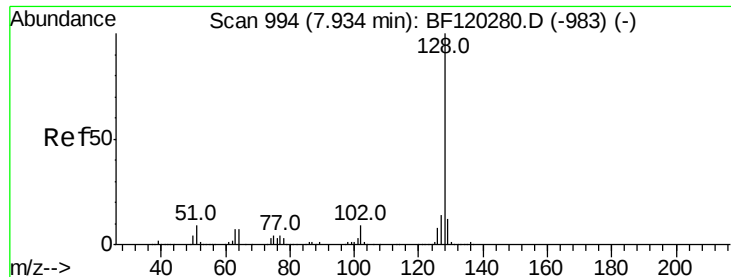


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

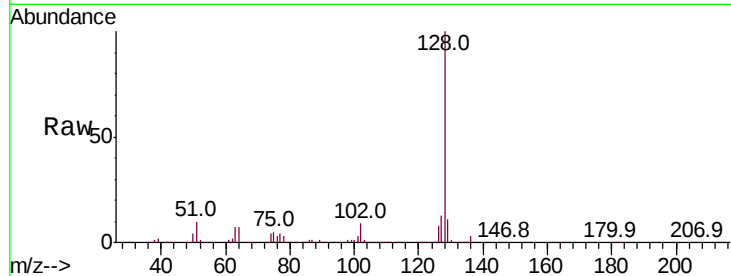




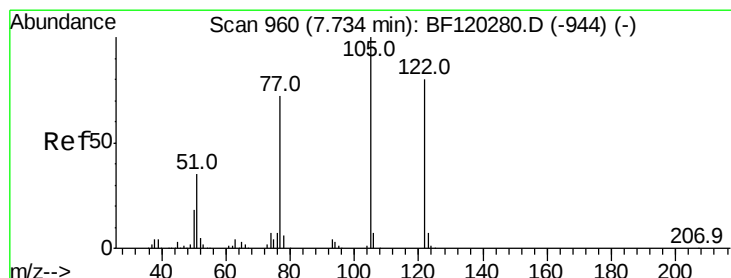
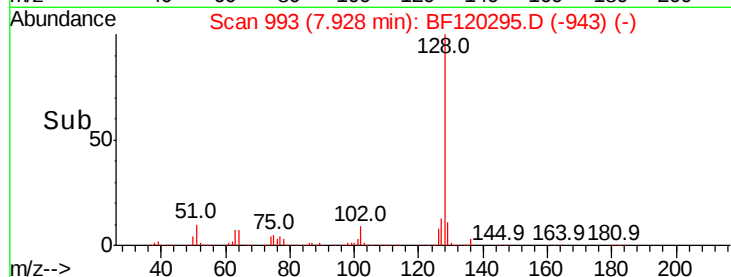
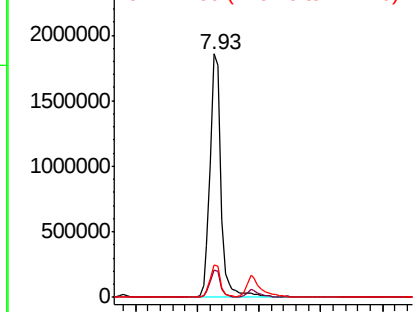
#31
Naphthalene
Concen: 37.437 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Instrument :
BNA_F
ClientSampleId :
PB128845BS

Tot Ion:128 Resp: 2253169
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.4 11.2 16.8

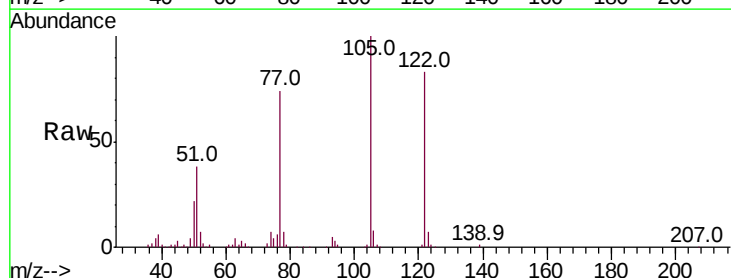


Abundance Ion 128.00 (127.70 to 128.70): E
2500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

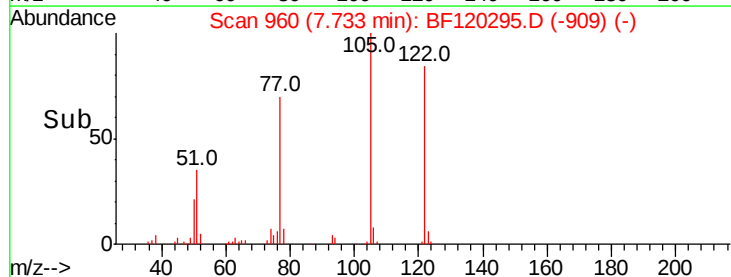
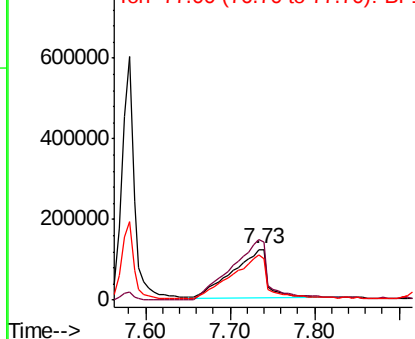


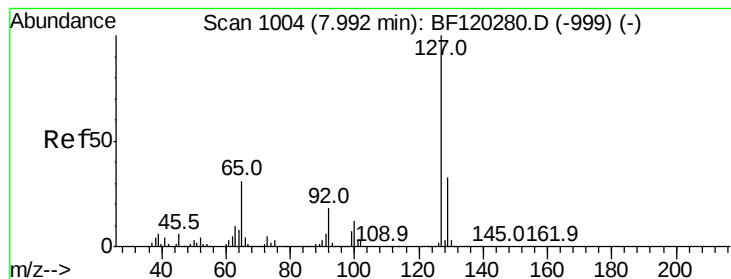
#32
Benzoic acid
Concen: 32.642 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion:122 Resp: 364874
Ion Ratio Lower Upper
122 100
105 120.0 98.1 138.1
77 88.7 66.7 106.7



Abundance Ion 122.00 (121.70 to 122.70): E
800000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 10.028 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Instrument :

BNA_F

ClientSampleId :

PB128845BS

Tot Ion:127 Resp: 275034

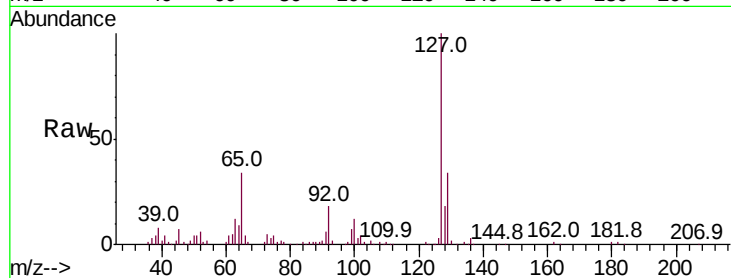
Ion Ratio Lower Upper

127 100

129 34.3 26.4 39.6

65 33.9 24.8 37.2

92 18.4 14.5 21.7

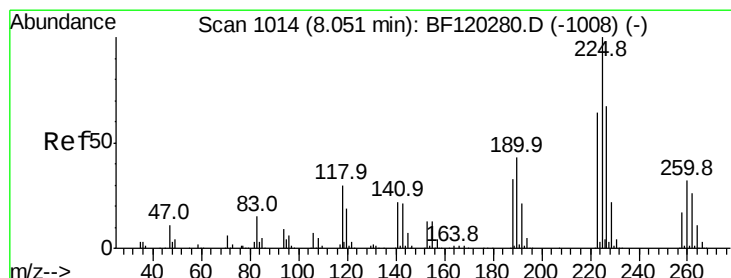
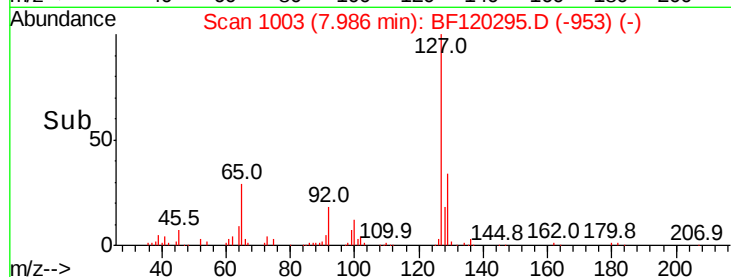
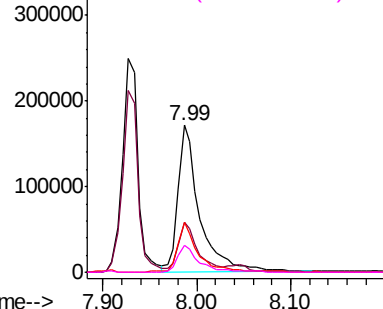


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 32.310 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

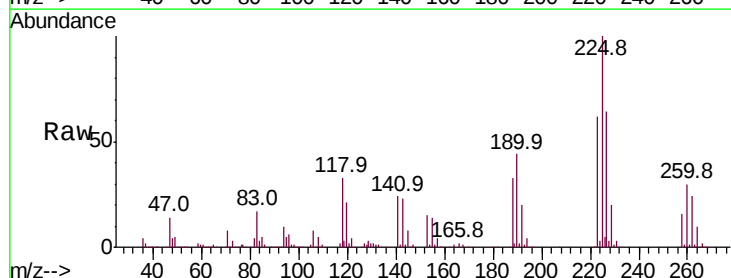
Tgt Ion:225 Resp: 362466

Ion Ratio Lower Upper

225 100

223 62.5 51.4 77.0

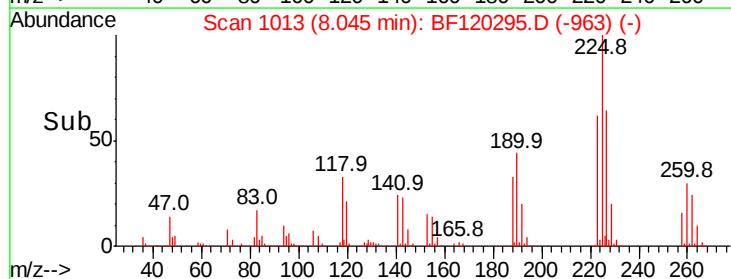
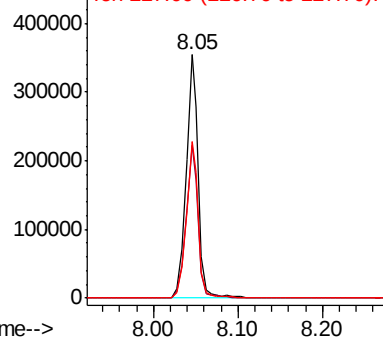
227 64.5 54.0 81.0

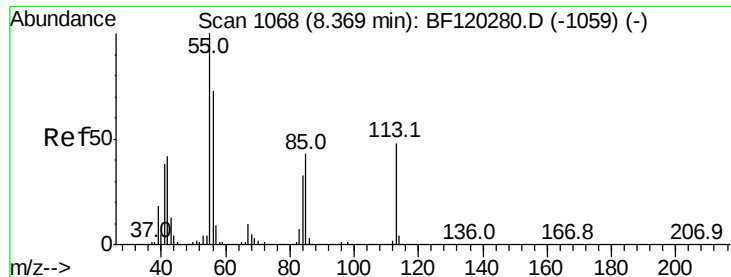


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 19.793 ng

RT: 8.36 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Instrument :

BNA_F

ClientSampled :

PB128845BS

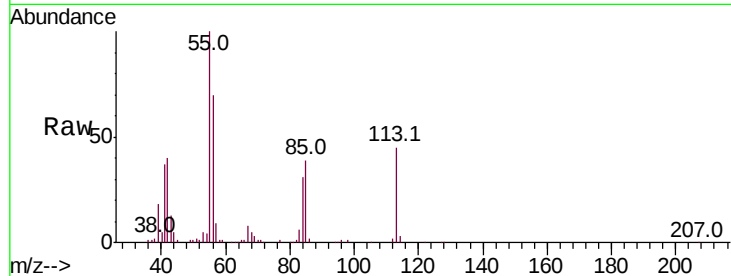
Tot Ion:113 Resp: 113416

Ion Ratio Lower Upper

113 100

55 223.5 190.4 230.4

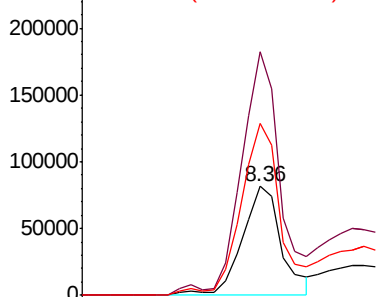
56 157.5 132.7 172.7



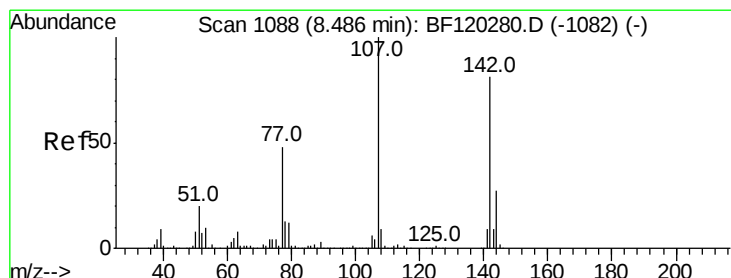
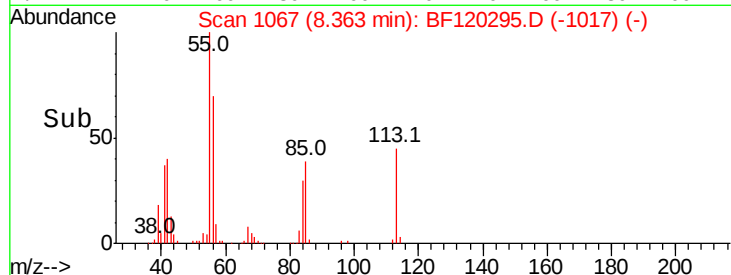
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



Time-->



#36

4-Chloro-3-methylphenol

Concen: 34.260 ng

RT: 8.49 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

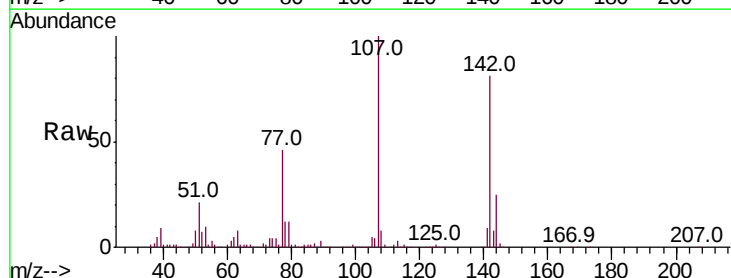
Tgt Ion:107 Resp: 649129

Ion Ratio Lower Upper

107 100

144 25.4 21.4 32.2

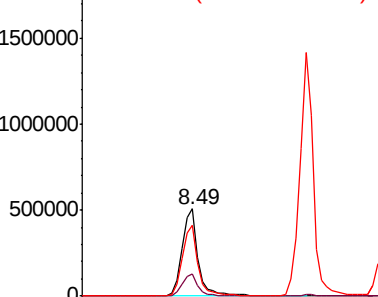
142 80.7 65.1 97.7



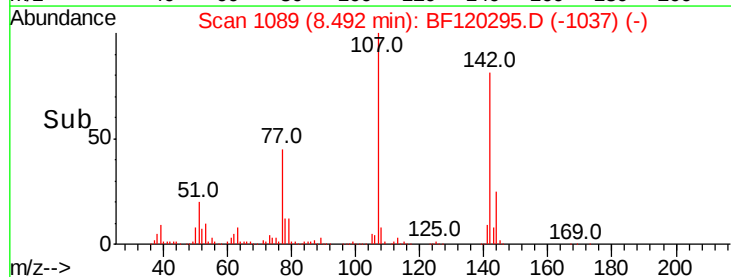
Abundance Ion 107.00 (106.70 to 107.70): E

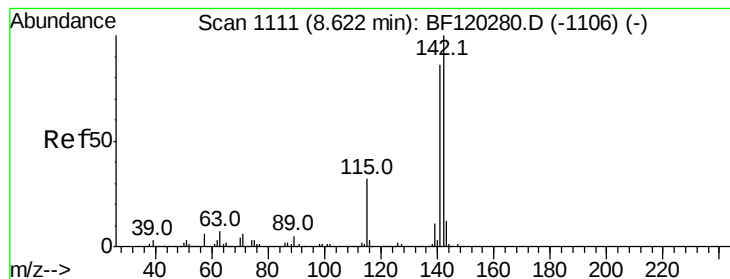
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->





#37

2-Methylnaphthalene

Concen: 36.813 ng

RT: 8.62 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Instrument :

BNA_F

ClientSampleId :

PB128845BS

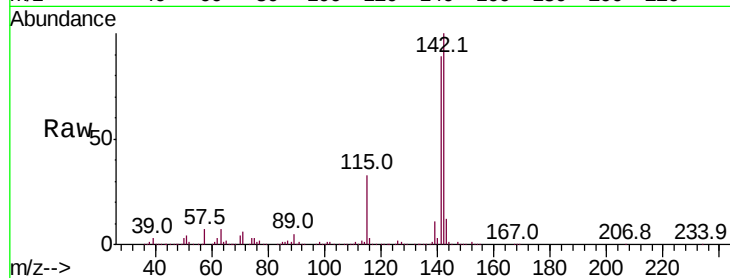
Tot Ion:142 Resp: 1516202

Ion Ratio Lower Upper

142 100

141 88.6 68.8 103.2

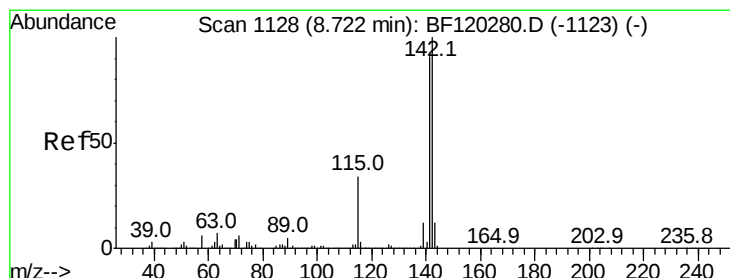
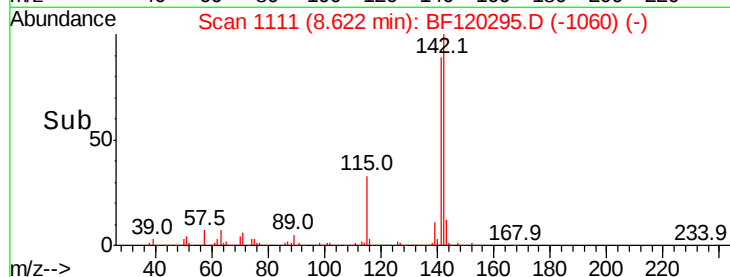
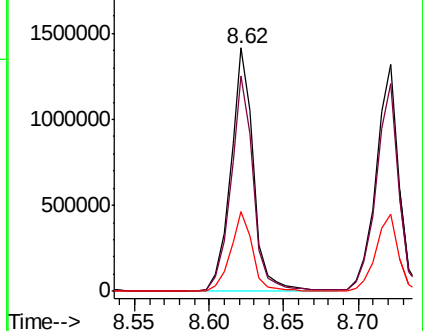
115 32.6 25.7 38.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 35.448 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

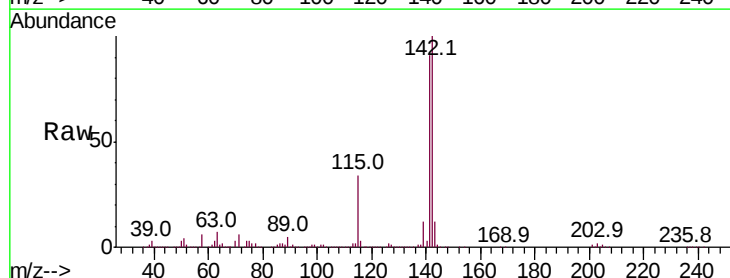
Tgt Ion:142 Resp: 1416019

Ion Ratio Lower Upper

142 100

141 91.4 73.0 109.6

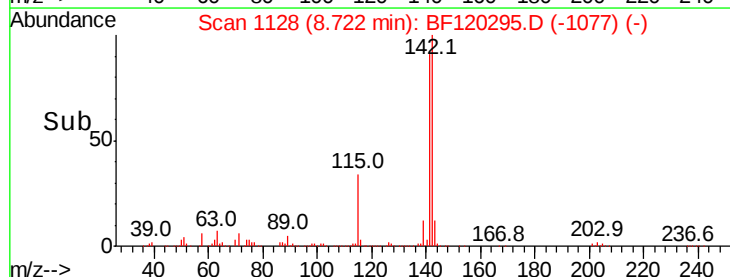
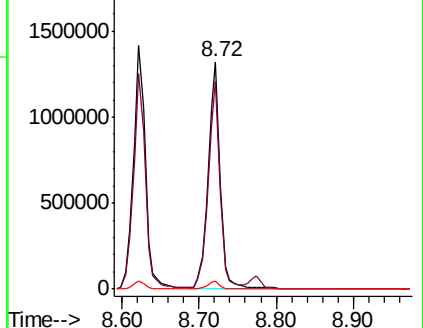
116 3.3 2.7 4.1

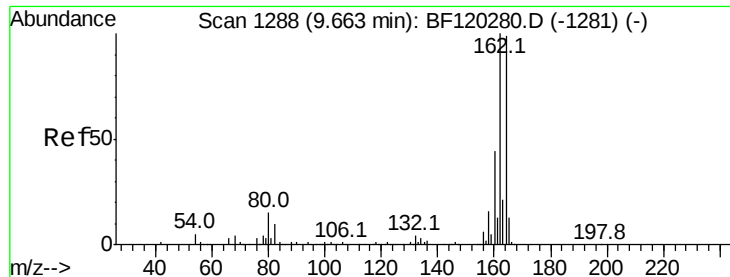


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Instrument :

BNA_F

ClientSampleId :

PB128845BS

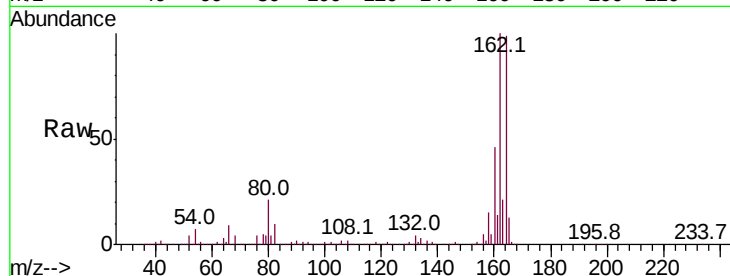
Tot Ion:164 Resp: 772666

Ion Ratio Lower Upper

164 100

162 100.5 81.2 121.8

160 46.1 35.8 53.6

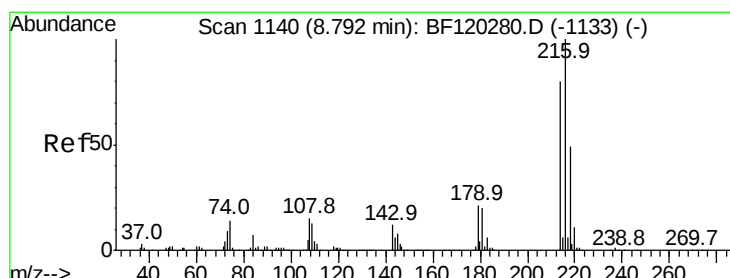
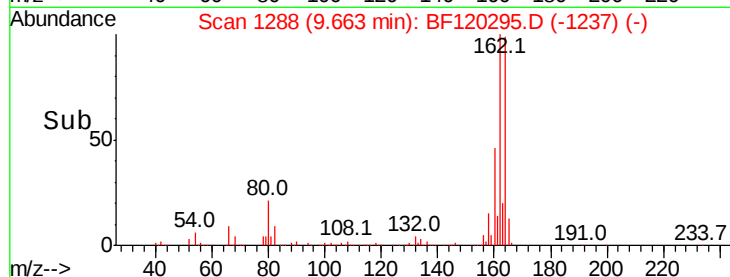
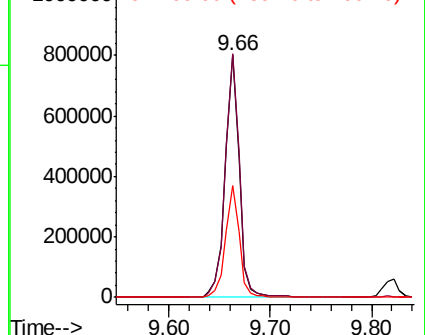


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 32.816 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Tgt Ion:216 Resp: 639351

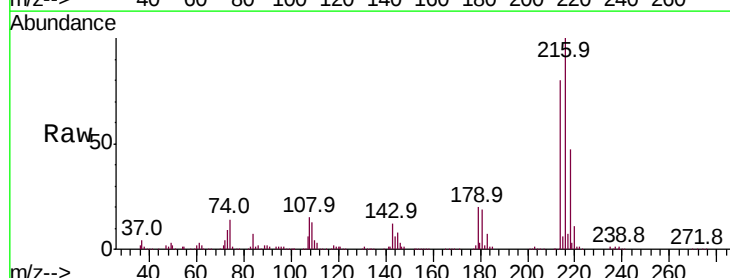
Ion Ratio Lower Upper

216 100

214 79.4 64.0 96.0

179 20.8 16.9 25.3

108 19.3 14.2 21.2



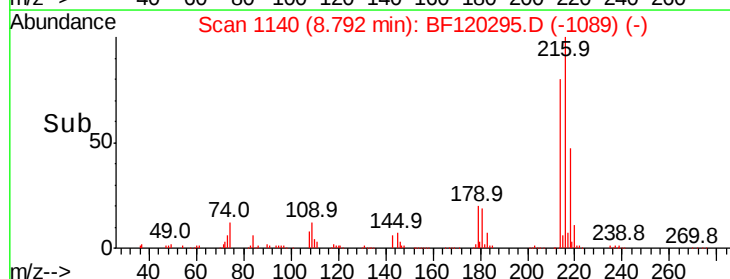
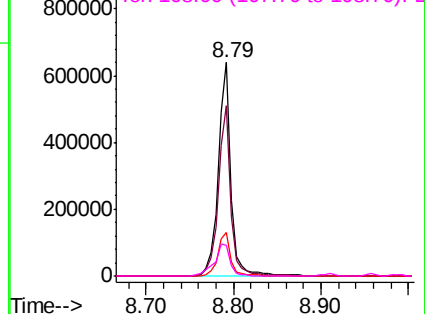
Abundance

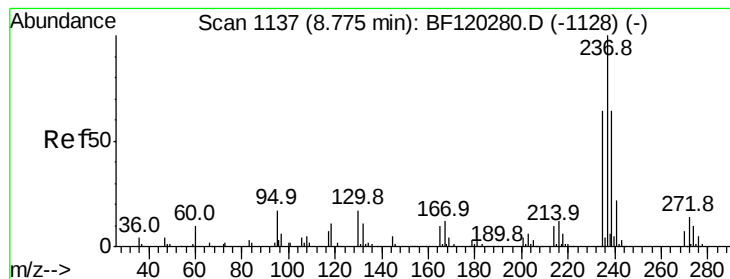
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 69.946 ng

RT: 8.77 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Instrument :

BNA_F

ClientSampleId :

PB128845BS

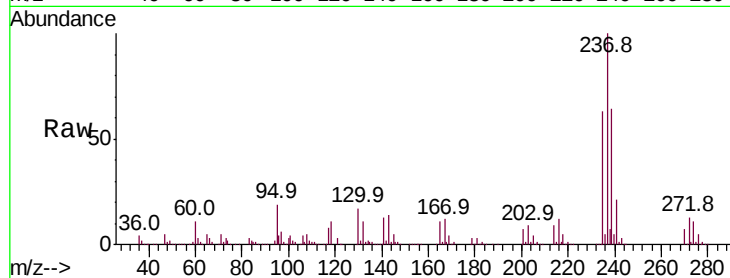
Tot Ion:237 Resp: 554845

Ion Ratio Lower Upper

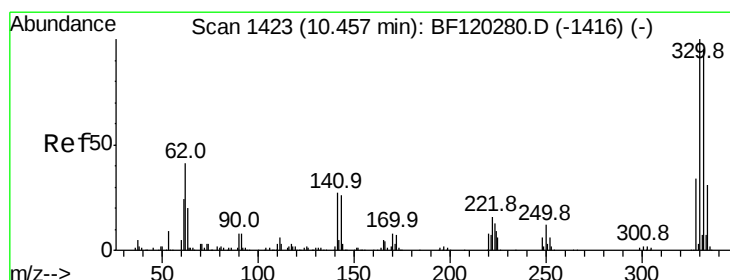
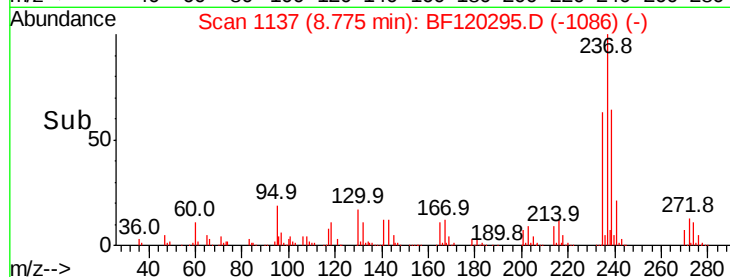
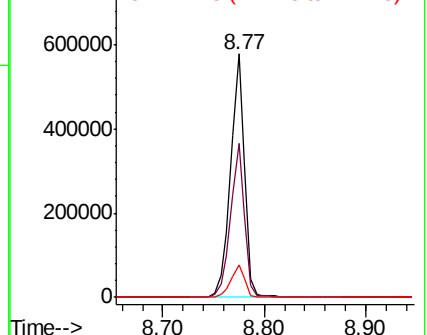
237 100

235 63.2 43.8 83.8

272 13.4 0.0 33.9



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 106.001 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

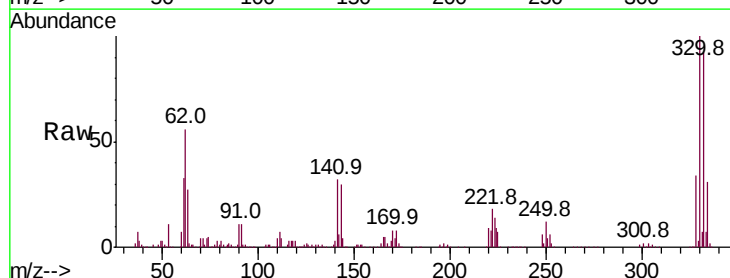
Tgt Ion:330 Resp: 667797

Ion Ratio Lower Upper

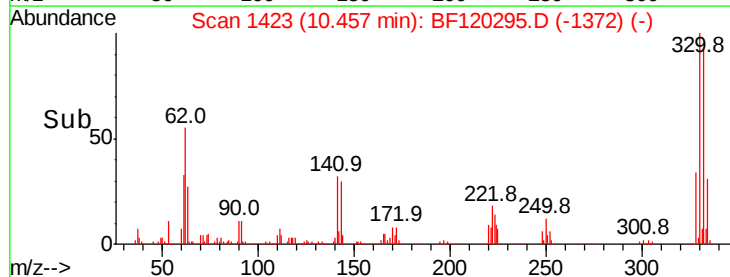
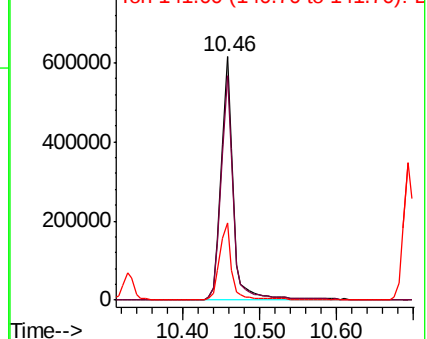
330 100

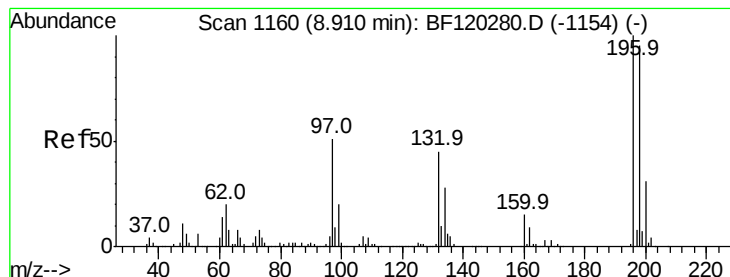
332 94.6 76.5 114.7

141 31.1 25.4 38.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 32.070 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Instrument :

BNA_F

ClientSampleId :

PB128845BS

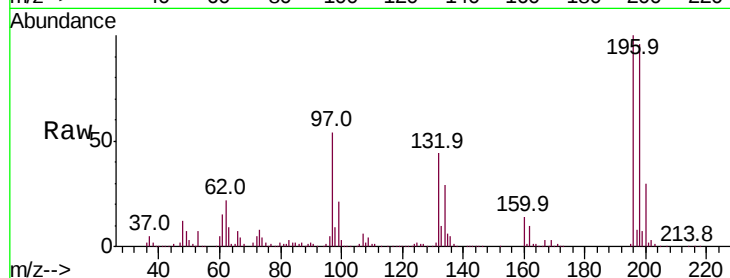
Tot Ion:196 Resp: 419409

Ion Ratio Lower Upper

196 100

198 95.9 76.2 114.4

200 30.3 24.9 37.3

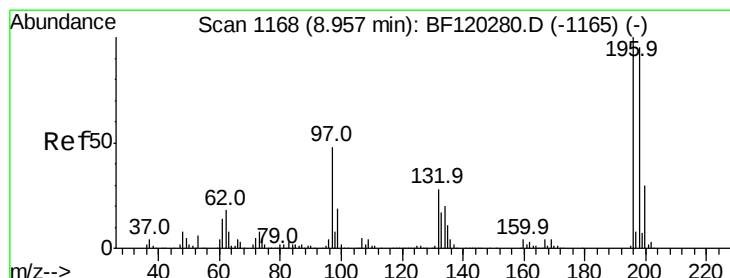
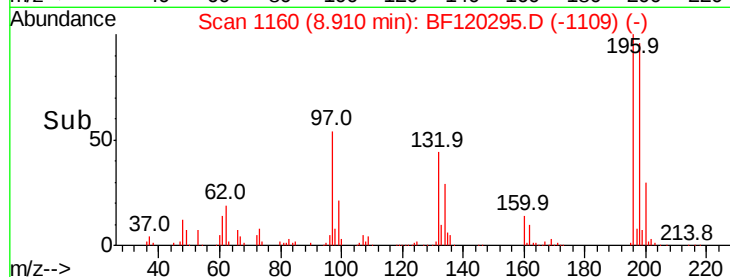
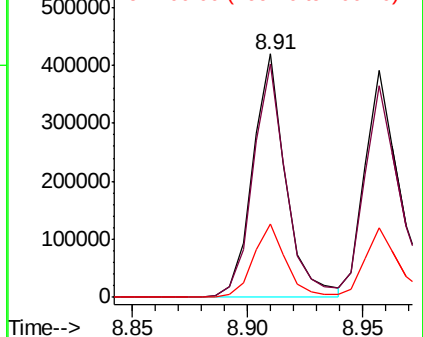


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 29.257 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Tgt Ion:196 Resp: 439407

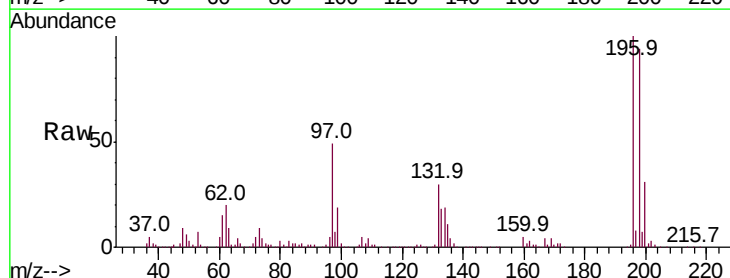
Ion Ratio Lower Upper

196 100

198 93.5 76.2 114.4

97 48.9 38.6 57.8

132 30.0 23.2 34.8



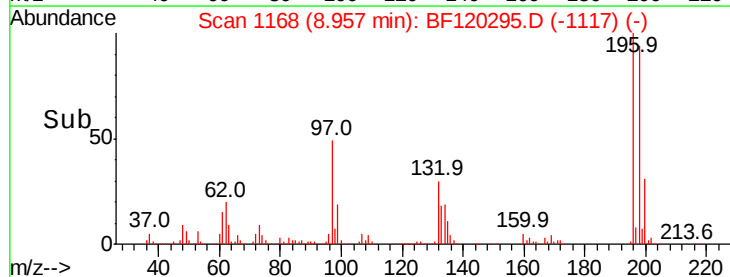
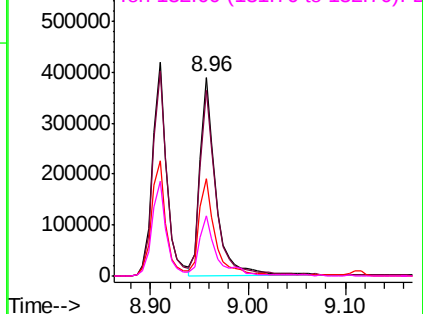
Abundance

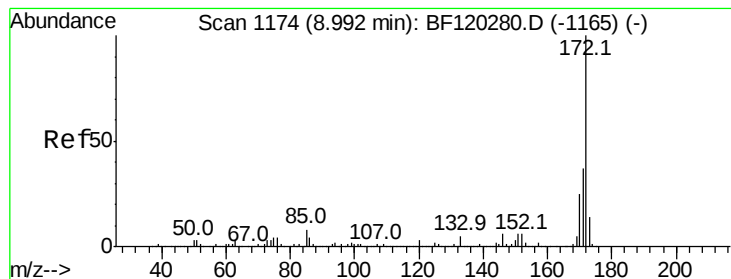
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 71.783 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Instrument :

BNA_F

ClientSampleId :

PB128845BS

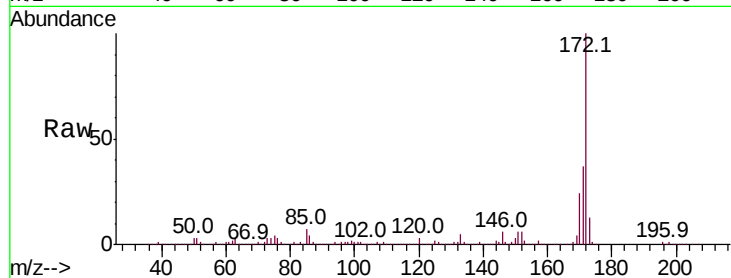
Tot Ion:172 Resp: 2699702

Ion Ratio Lower Upper

172 100

171 37.3 29.7 44.5

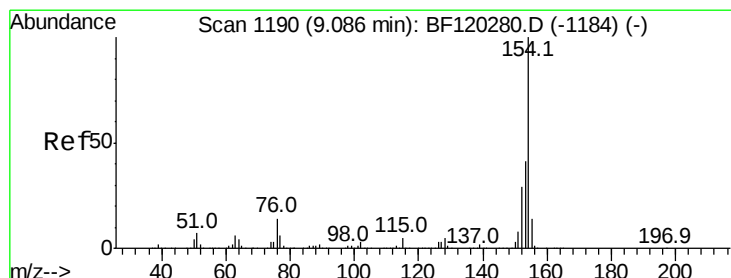
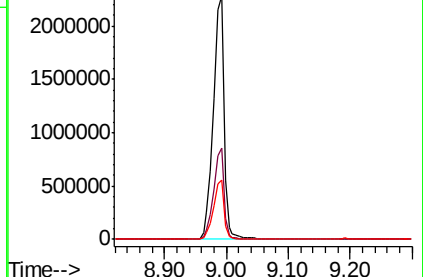
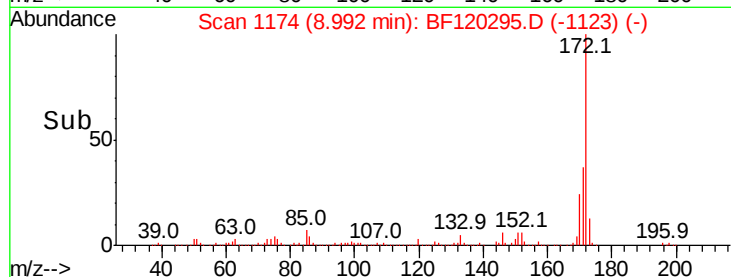
170 24.1 19.9 29.9



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 36.905 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

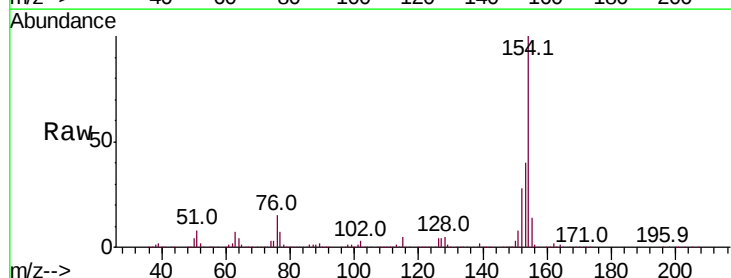
Tgt Ion:154 Resp: 1868343

Ion Ratio Lower Upper

154 100

153 40.3 20.8 60.8

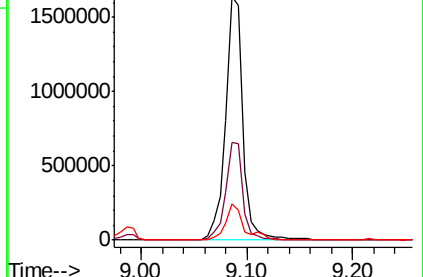
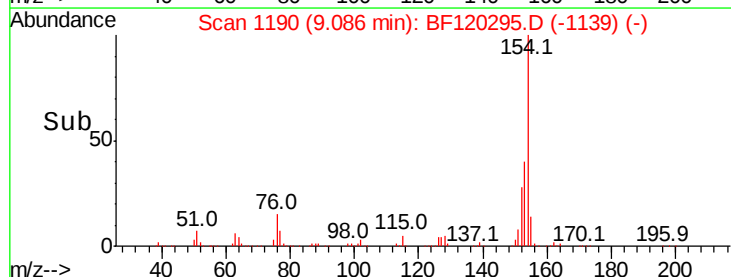
76 14.6 0.0 34.3

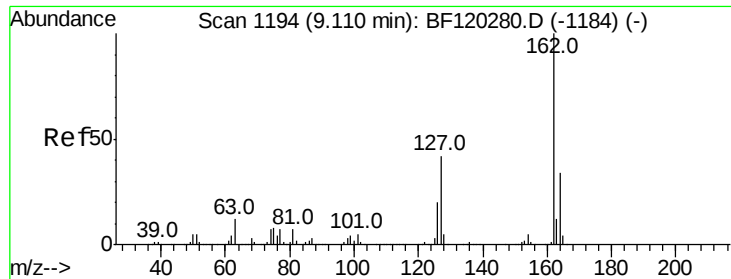


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

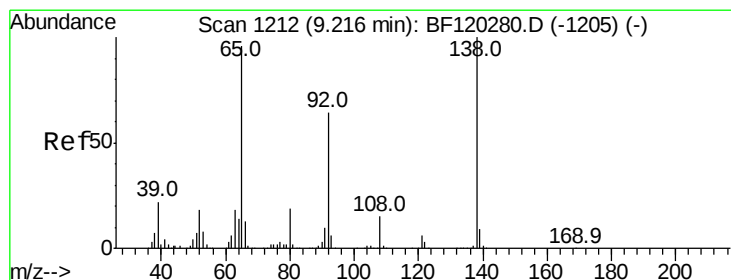
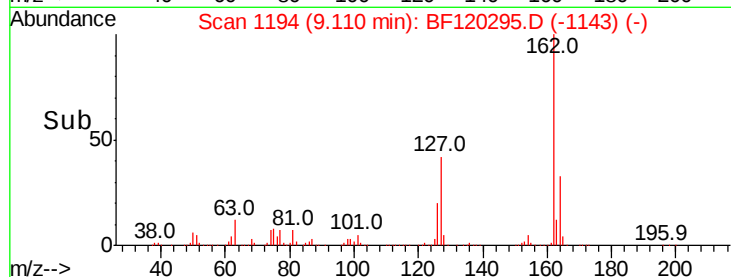
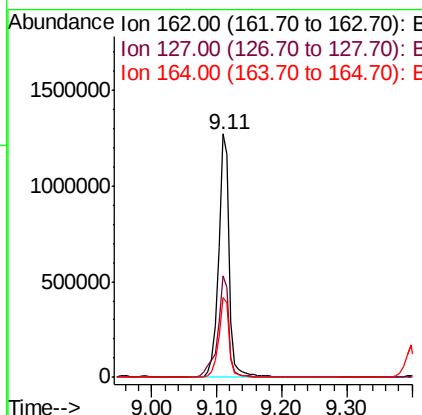
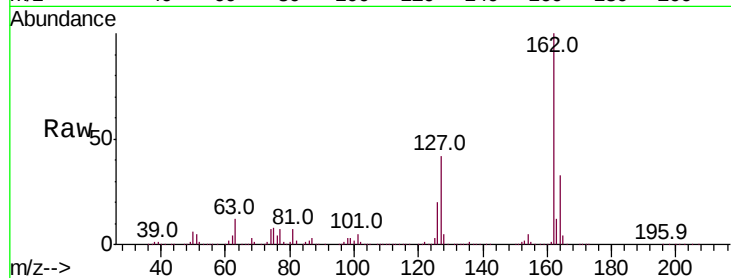




#47
 2-Chloronaphthalene
 Concen: 35.298 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

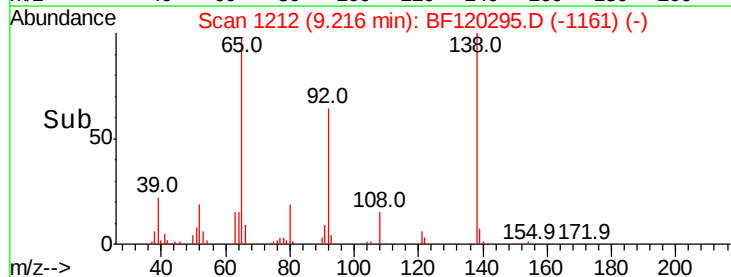
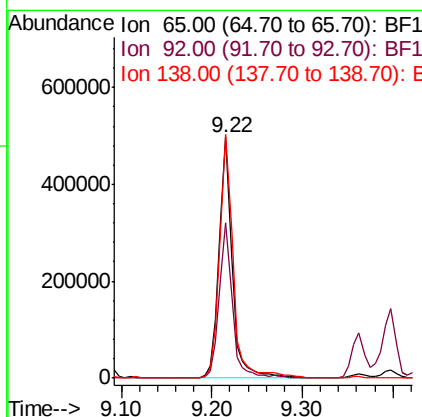
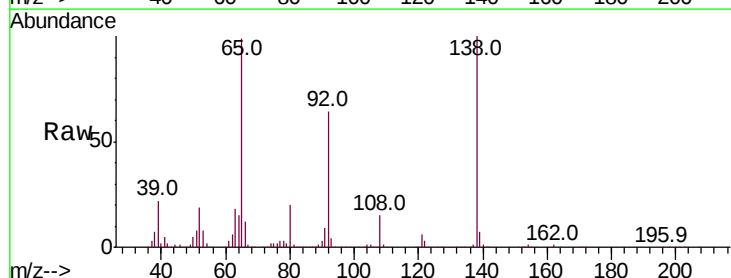
Instrument :
 BNA_F
 ClientSampleId :
 PB128845BS

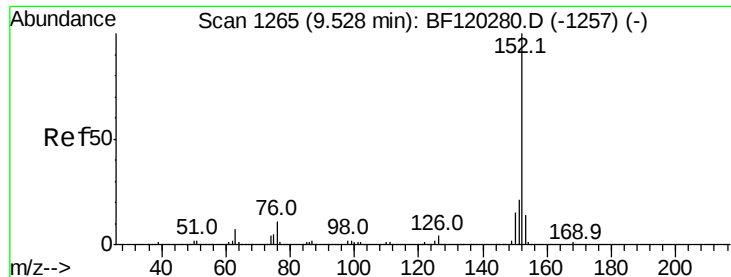
Tot Ion:162 Resp: 1433444
 Ion Ratio Lower Upper
 162 100
 127 41.9 33.4 50.0
 164 32.6 27.0 40.6



#48
 2-Nitroaniline
 Concen: 33.620 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

Tgt Ion: 65 Resp: 498148
 Ion Ratio Lower Upper
 65 100
 92 64.4 52.9 79.3
 138 101.1 83.0 124.4





#49

Acenaphthylene

Concen: 36.036 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Instrument :

BNA_F

ClientSampleId :

PB128845BS

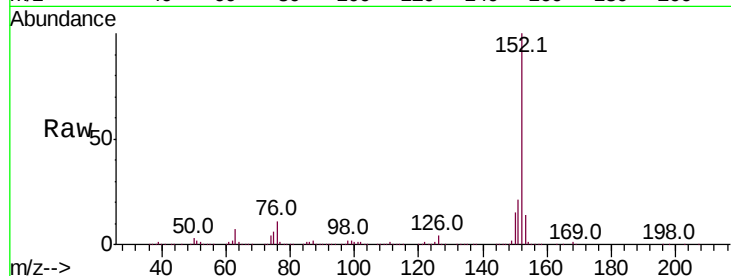
Tot Ion:152 Resp: 2235390

Ion Ratio Lower Upper

152 100

151 20.8 16.6 25.0

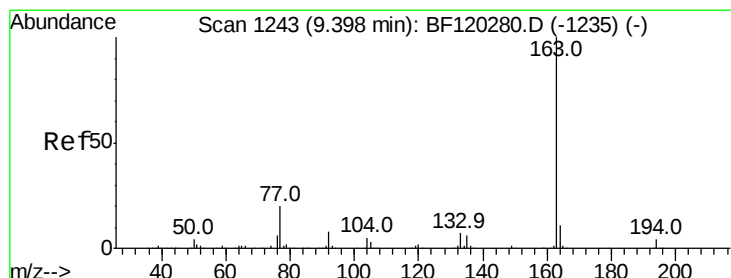
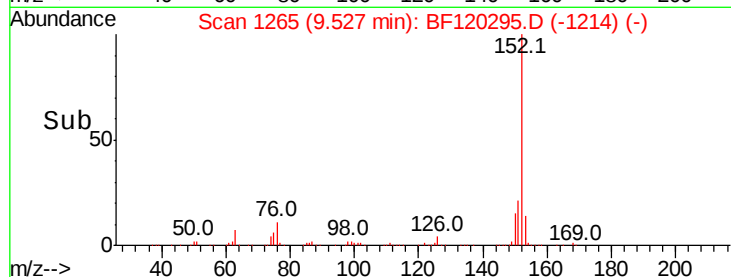
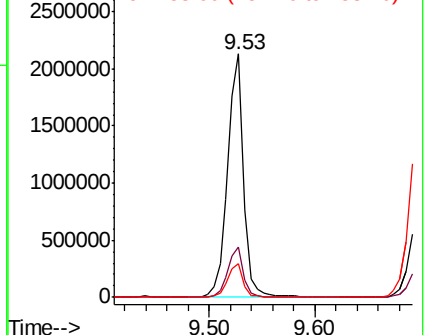
153 13.6 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 34.227 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

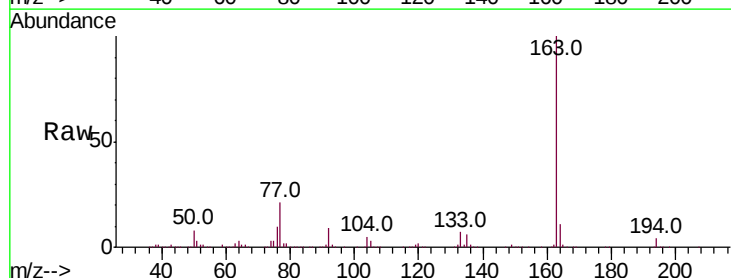
Tgt Ion:163 Resp: 1671781

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

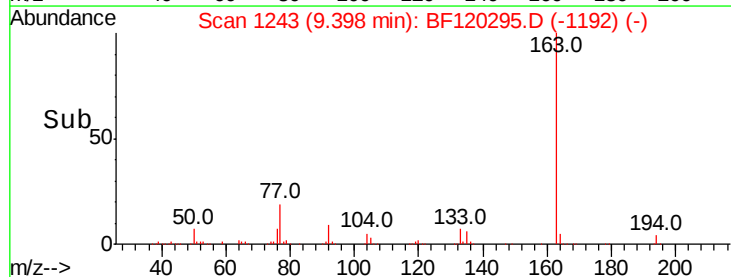
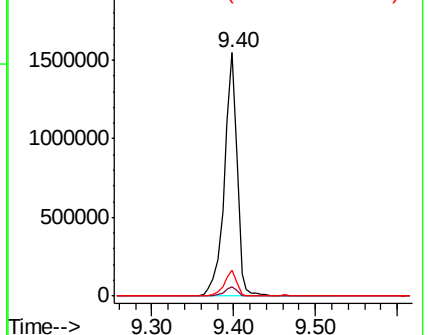
164 10.8 8.6 12.8

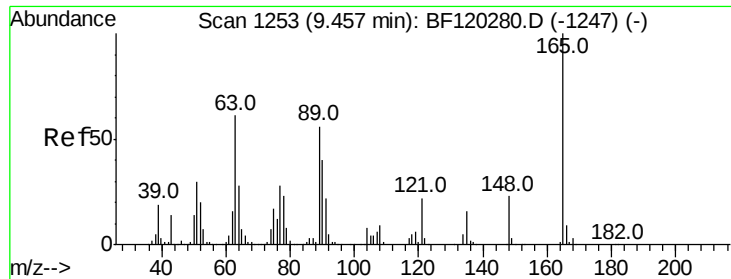


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 34.287 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Instrument :

BNA_F

ClientSampleId :

PB128845BS

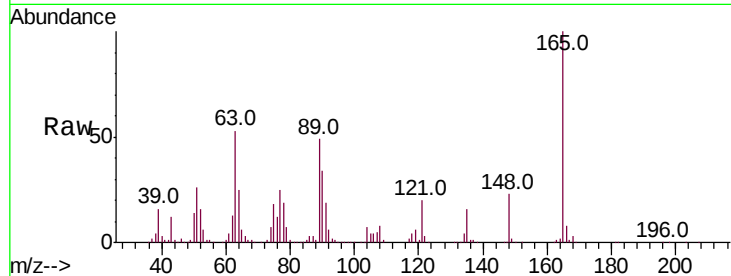
Tot Ion:165 Resp: 373774

Ion Ratio Lower Upper

165 100

63 52.6 50.2 75.2

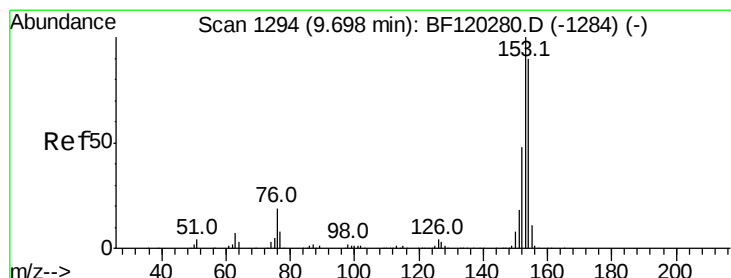
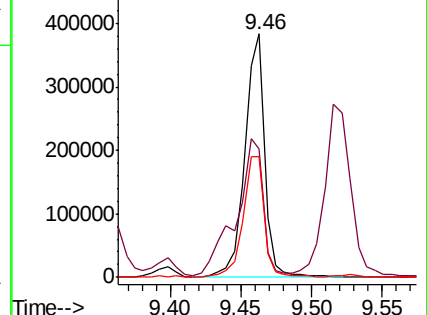
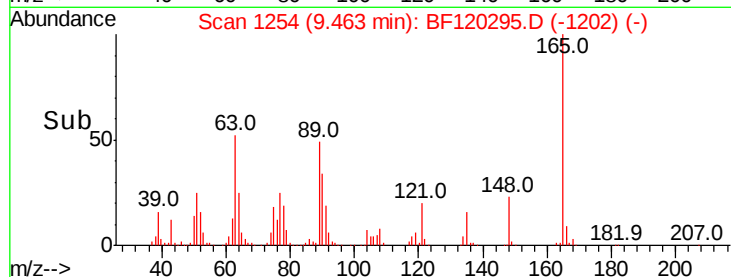
89 49.4 44.6 66.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 35.582 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

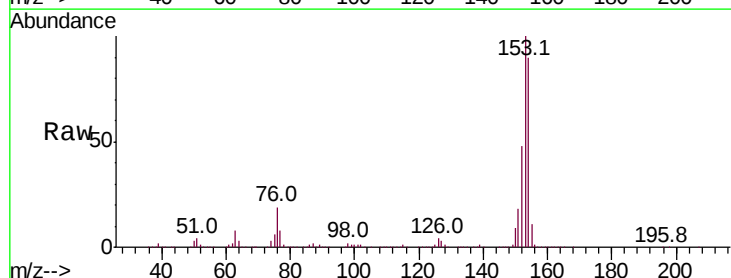
Tgt Ion:154 Resp: 1323042

Ion Ratio Lower Upper

154 100

153 111.5 89.0 133.4

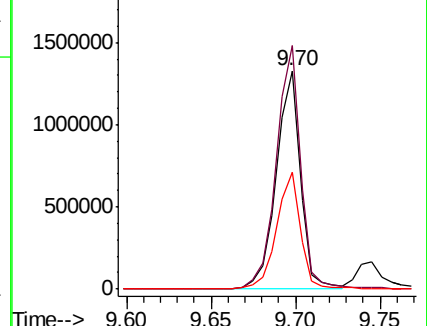
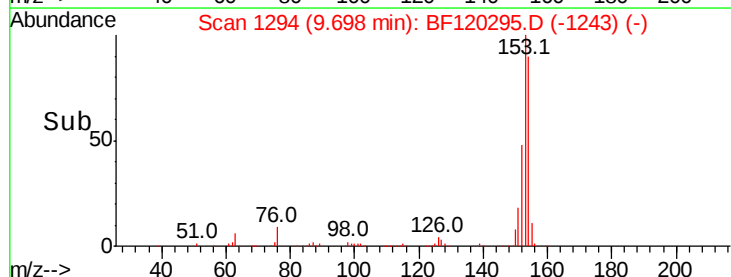
152 53.3 42.6 64.0

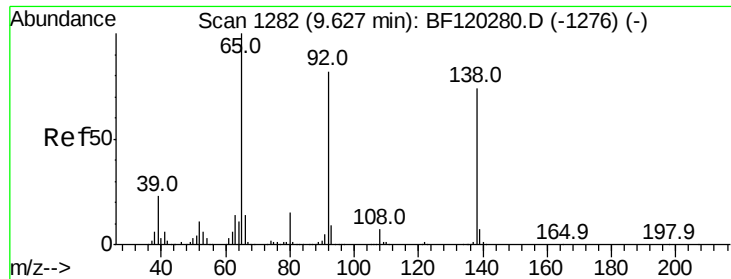


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

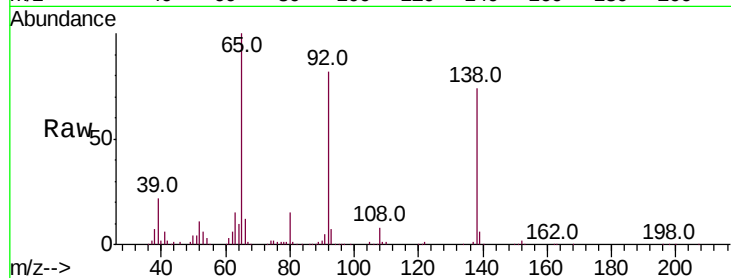




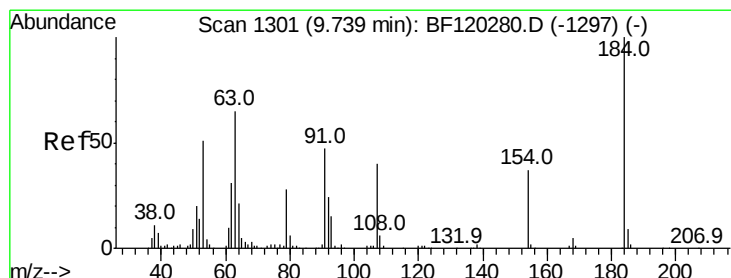
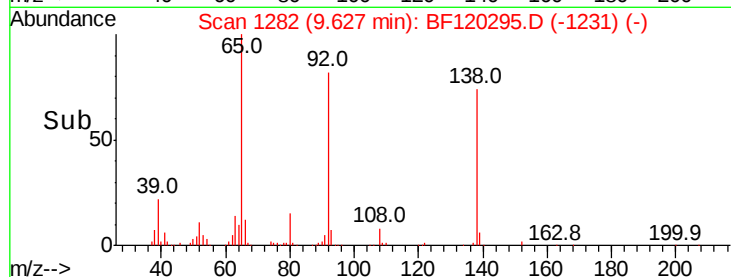
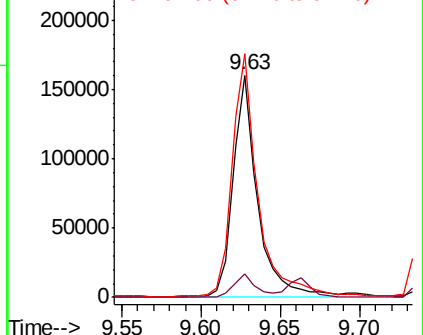
#53
3-Nitroaniline
Concen: 13.281 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Instrument :
BNA_F
ClientSampleId :
PB128845BS

Tot Ion:138 Resp: 172648
Ion Ratio Lower Upper
138 100
108 10.5 8.2 12.2
92 109.7 89.6 134.4

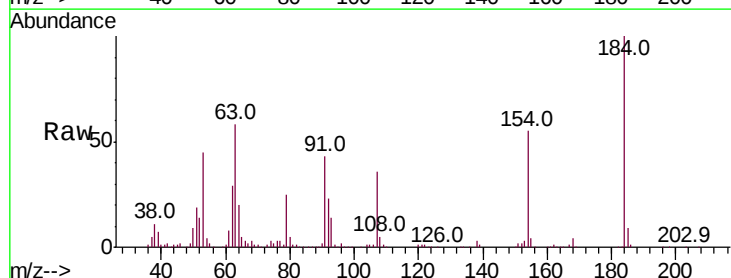


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

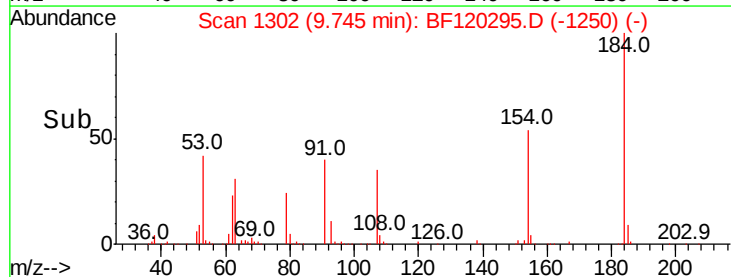
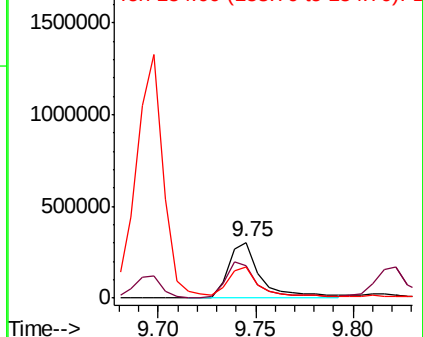


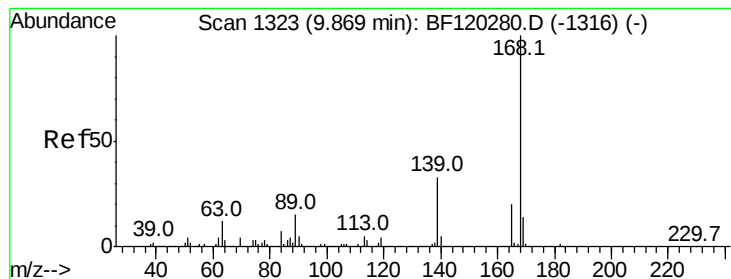
#54
2,4-Dinitrophenol
Concen: 68.561 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion:184 Resp: 352803
Ion Ratio Lower Upper
184 100
63 57.8 53.6 80.4
154 54.6 46.8 70.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

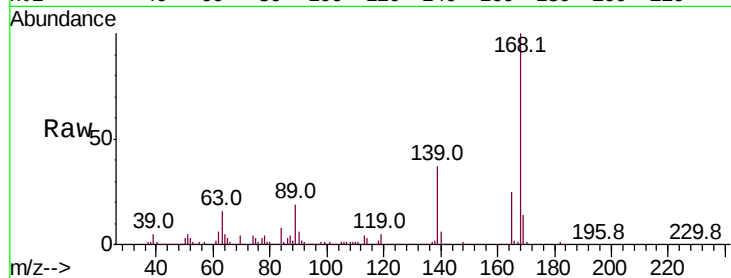




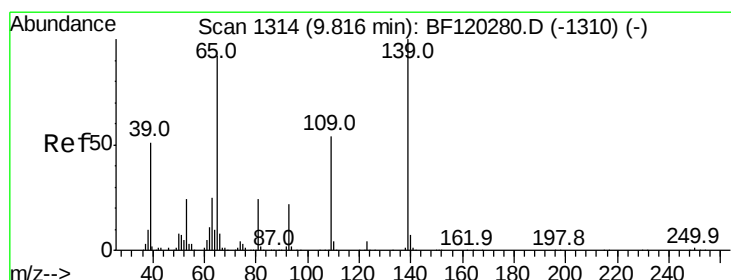
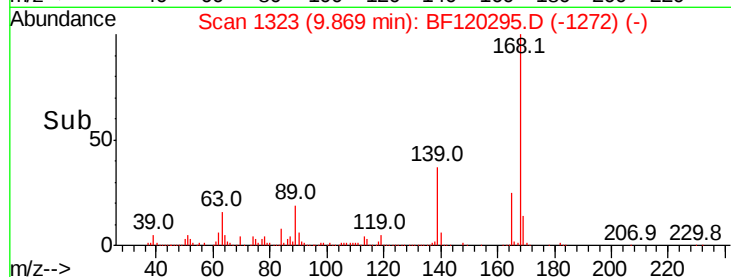
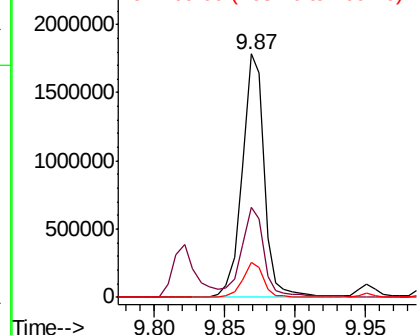
#55
Dibenzenofuran
Concen: 36.423 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Instrument :
BNA_F
ClientSampleId :
PB128845BS

Tot Ion:168 Resp: 1950278
Ion Ratio Lower Upper
168 100
139 37.0 29.8 44.6
169 14.1 11.0 16.6

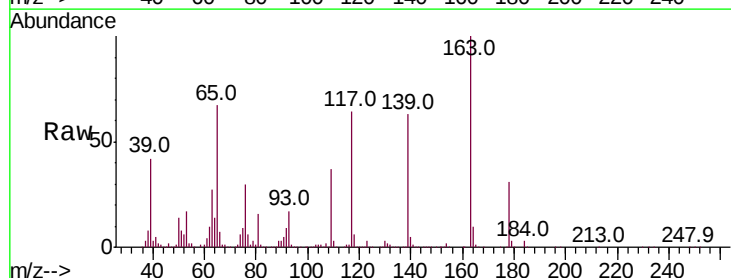


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

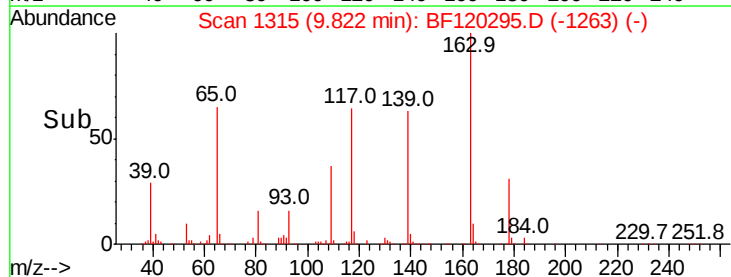
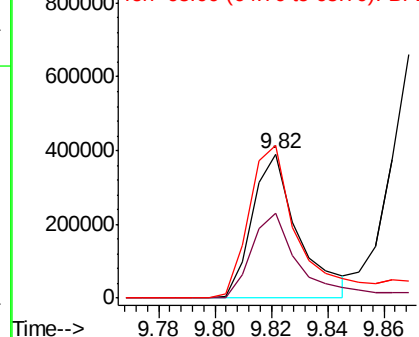


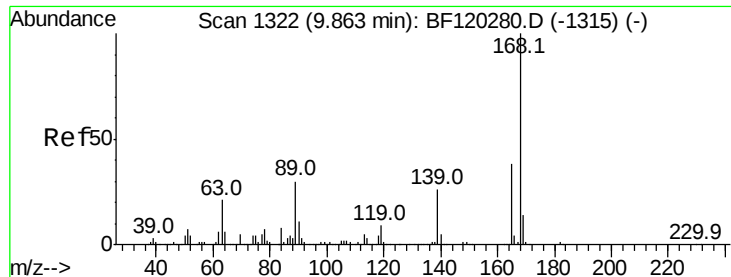
#56
4-Nitrophenol
Concen: 63.345 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion:139 Resp: 442481
Ion Ratio Lower Upper
139 100
109 59.2 34.6 74.6
65 106.0 73.3 113.3



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

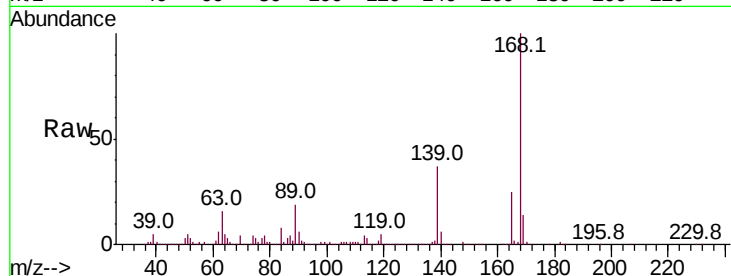




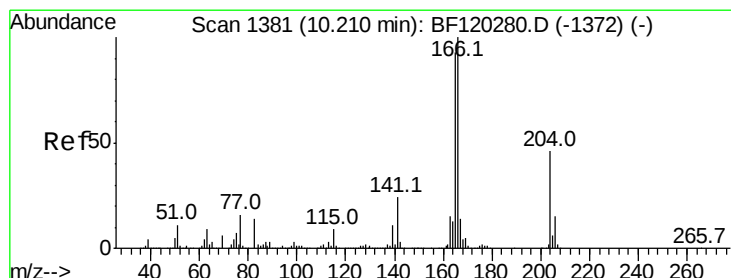
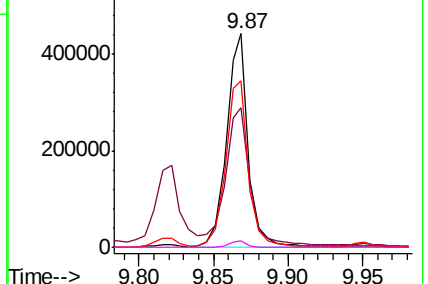
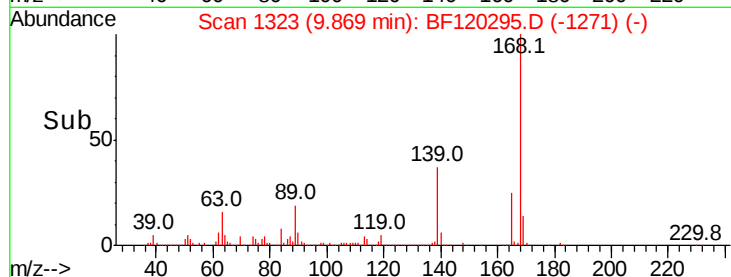
#57
 2,4-Dinitrotoluene
 Concen: 35.097 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

Instrument :
 BNA_F
 ClientSampleId :
 PB128845BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	65.2	51.8	77.8
89	77.7	64.2	96.4
182	2.8	2.0	3.0

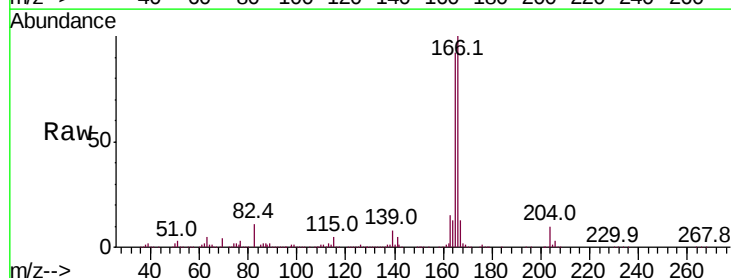


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

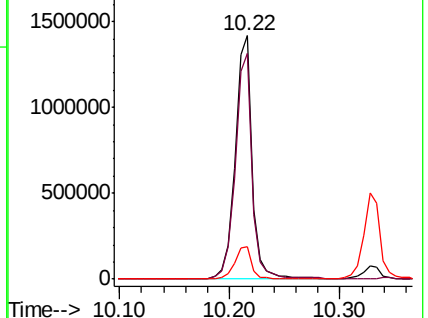
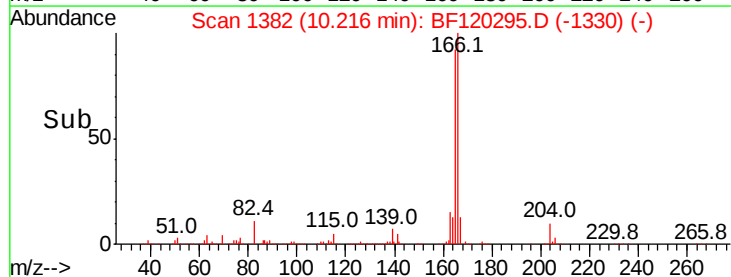


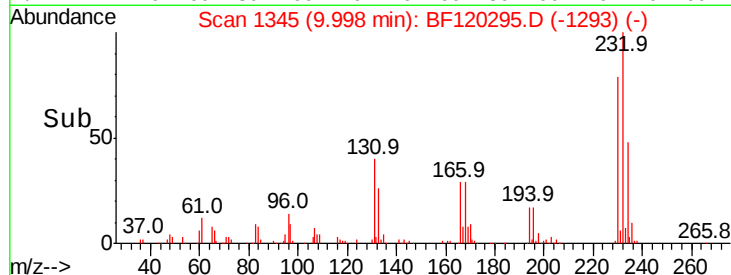
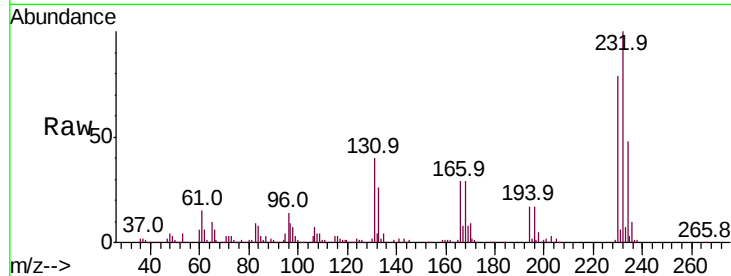
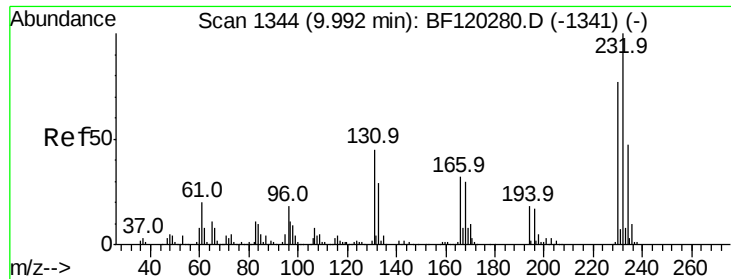
#58
 Fluorene
 Concen: 37.247 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.5	74.7	112.1
167	13.2	11.4	17.0



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

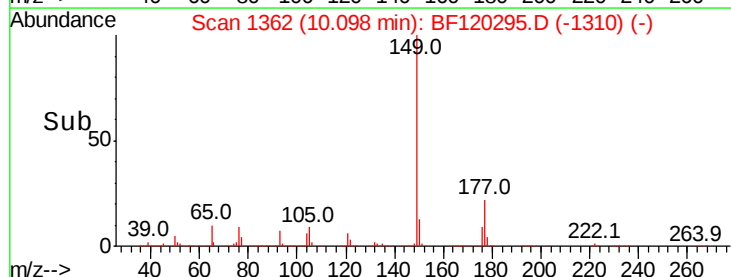
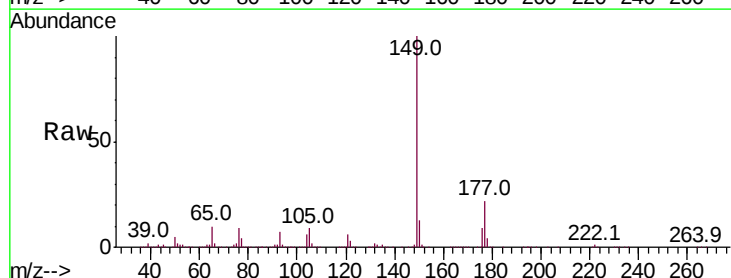
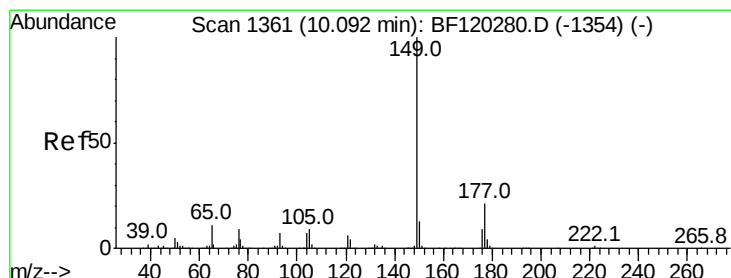
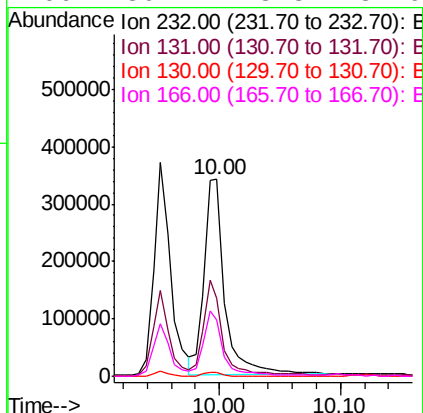




#59
2,3,4,6-Tetrachlorophenol
Concen: 35.801 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

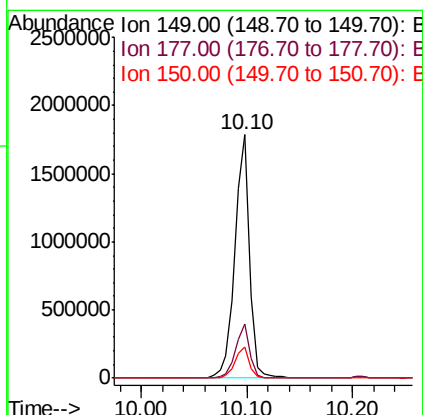
Instrument :
BNA_F
ClientSampleId :
PB128845BS

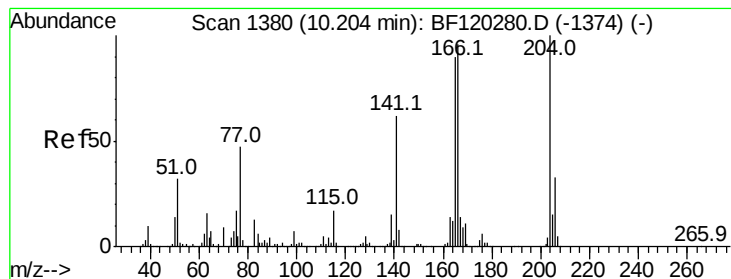
Tot Ion:232	Resp:	404650
Ion Ratio	Lower	Upper
232	100	
131	44.1	34.1 51.1
130	2.0	1.7 2.5
166	30.4	23.3 34.9



#60
Diethylphthalate
Concen: 35.792 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion:149	Resp:	1687762
Ion Ratio	Lower	Upper
149	100	
177	22.1	17.1 25.7
150	12.9	10.3 15.5





#61

4-Chlorophenyl-phenylether

Concen: 34.877 ng

RT: 10.20 min Scan# 1380

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Instrument :

BNA_F

ClientSampleId :

PB128845BS

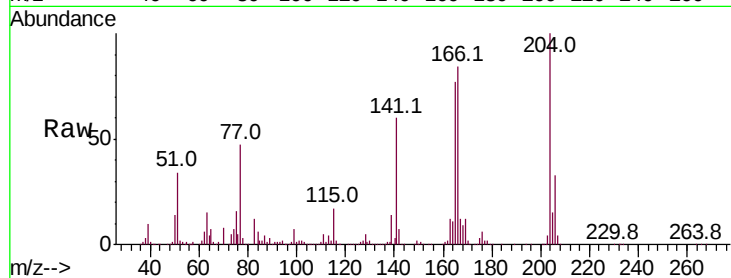
Tot Ion:204 Resp: 739465

Ion Ratio Lower Upper

204 100

206 32.7 26.8 40.2

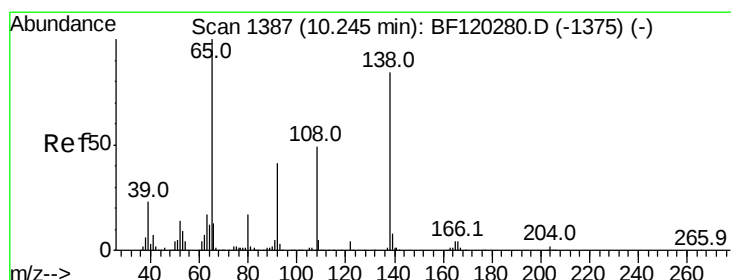
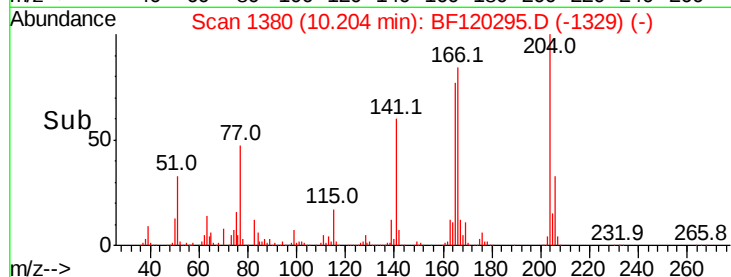
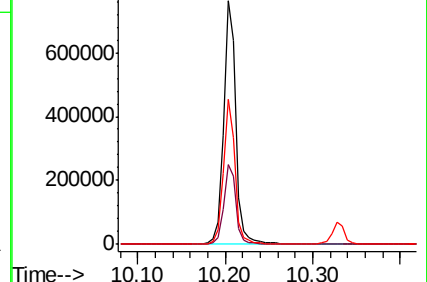
141 59.6 49.5 74.3



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 30.360 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

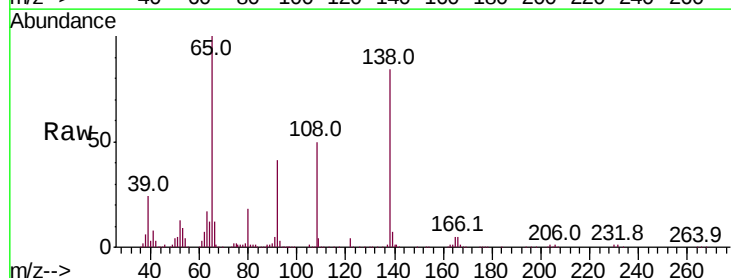
Tgt Ion:138 Resp: 367518

Ion Ratio Lower Upper

138 100

92 49.2 28.9 68.9

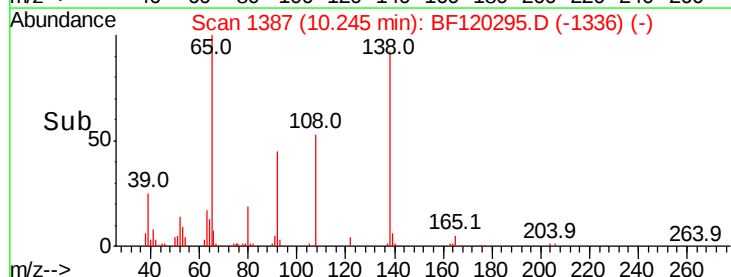
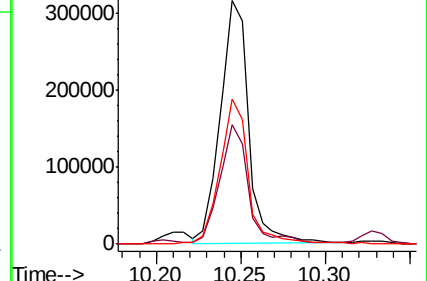
108 59.8 38.4 78.4

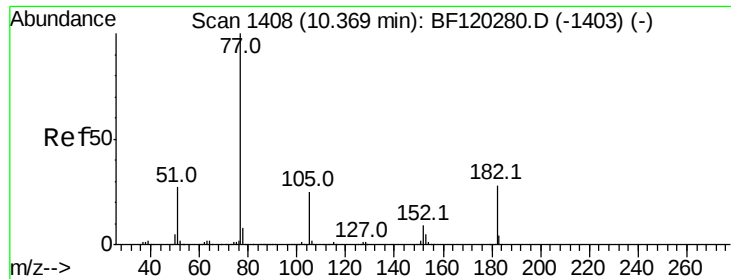


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 37.470 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Instrument :

BNA_F

ClientSampleId :

PB128845BS

Tot Ion: 77 Resp: 1669934

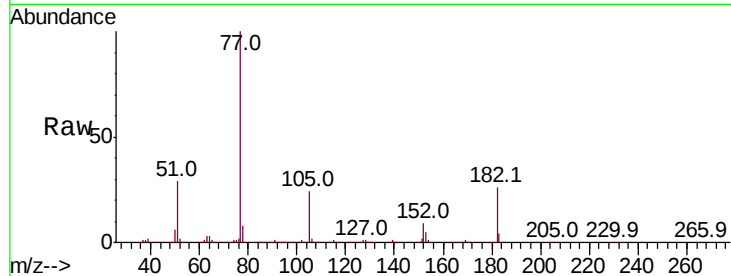
Ion Ratio Lower Upper

77 100

182 26.3 7.4 47.4

105 24.0 4.4 44.4

51 29.0 8.3 48.3

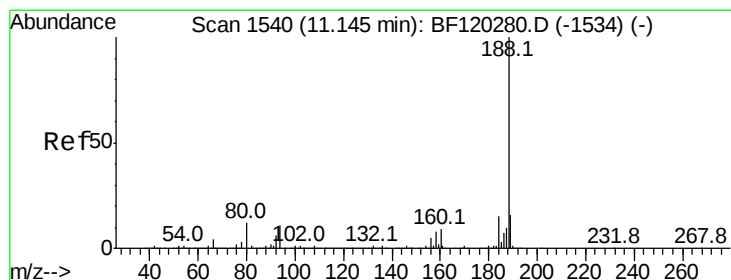
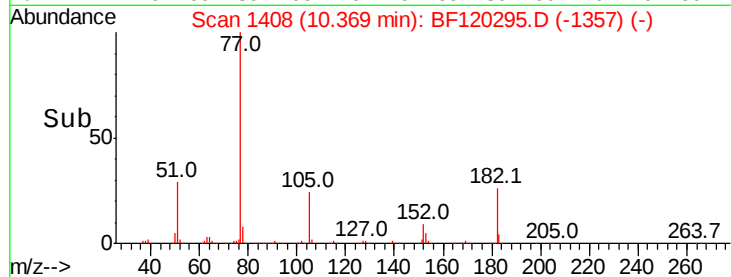
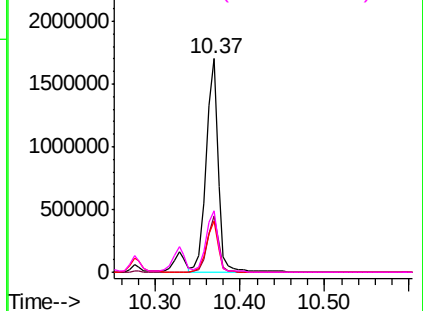


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.15 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

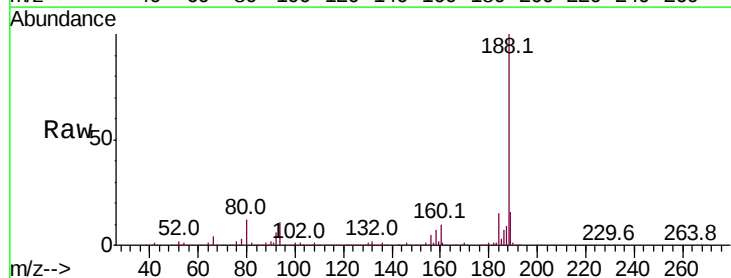
Tgt Ion: 188 Resp: 1415719

Ion Ratio Lower Upper

188 100

94 10.8 8.6 13.0

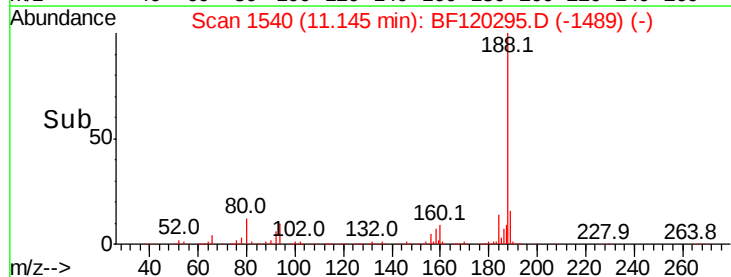
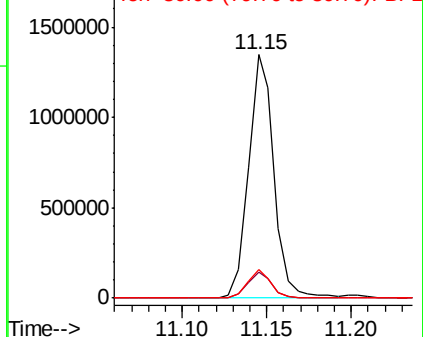
80 11.6 9.2 13.8

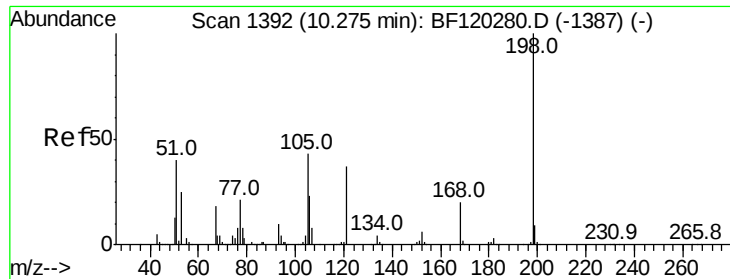


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

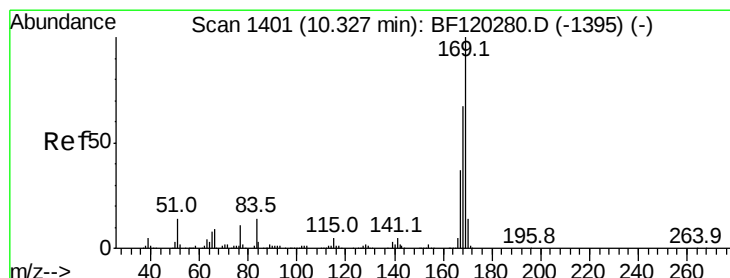
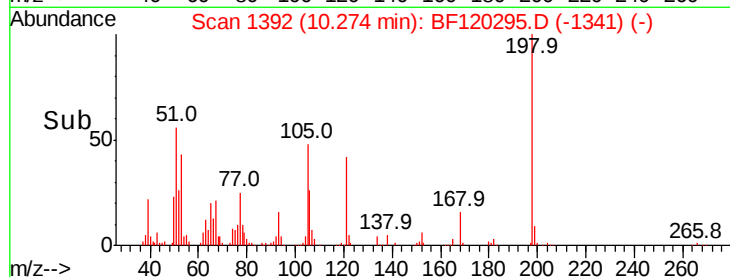
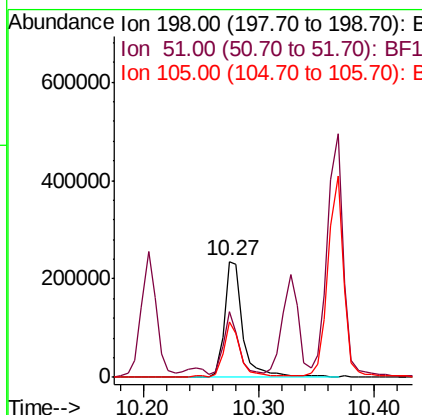
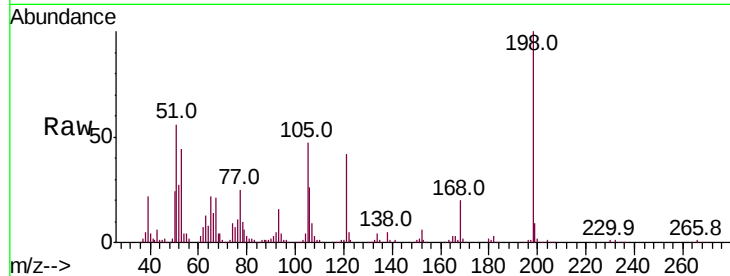




#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.378 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

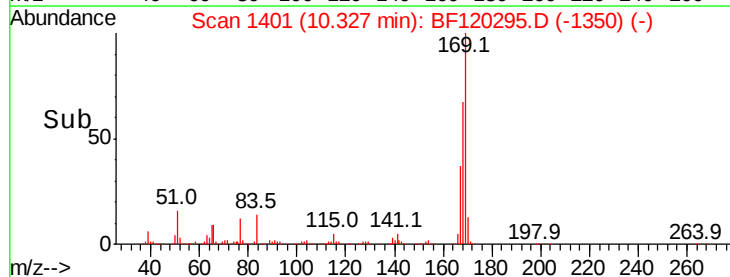
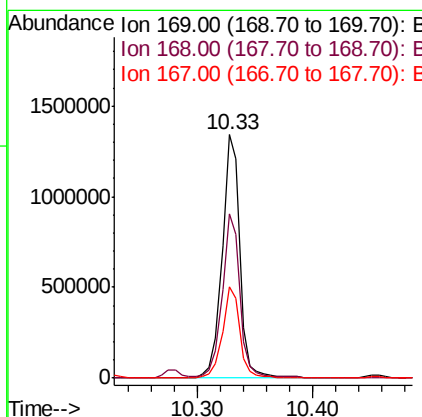
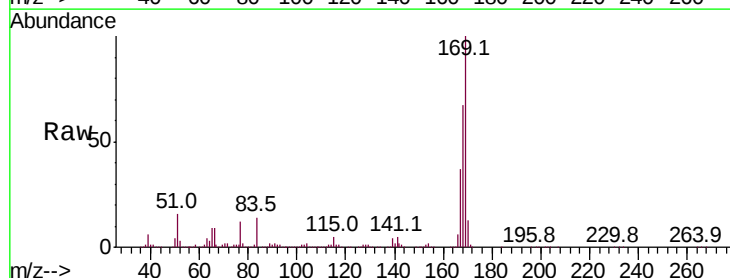
Instrument :
 BNA_F
 ClientSampleId :
 PB128845BS

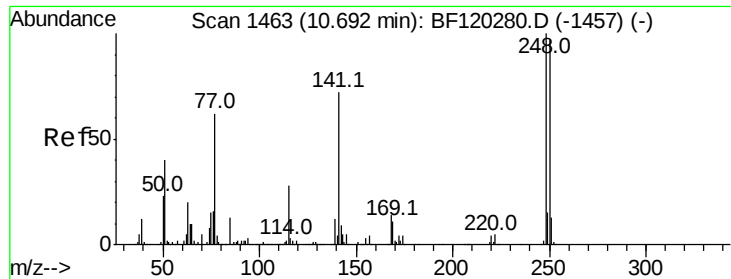
Tot Ion	Ratio	Lower	Upper
198	100		
51	56.2	27.1	67.1
105	47.5	24.3	64.3



#66
 n-Nitrosodiphenylamine
 Concen: 36.330 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.5	53.7	80.5
167	37.4	29.8	44.6

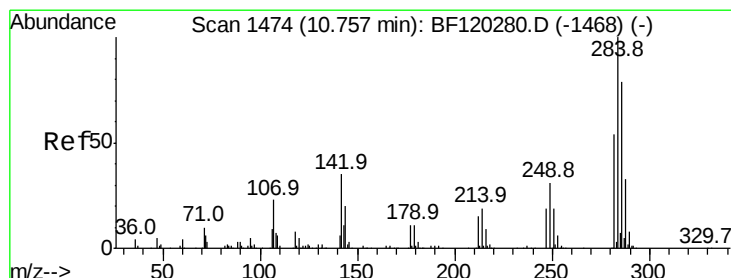
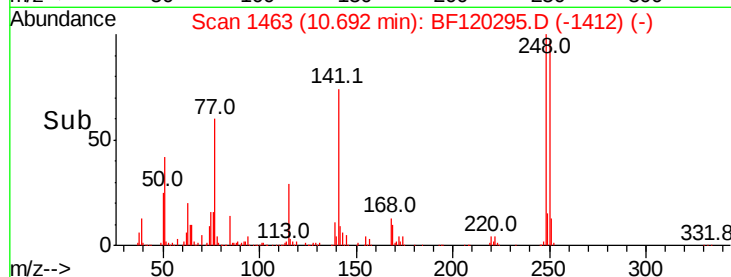
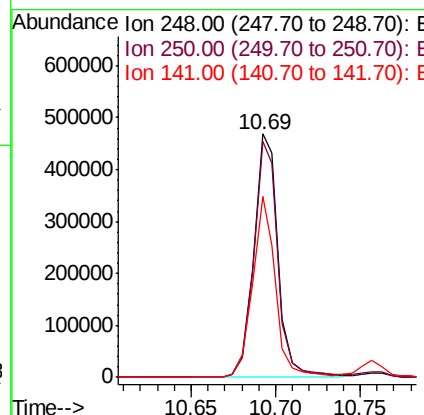
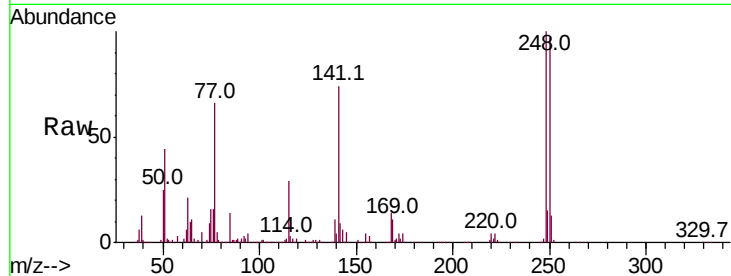




#67
4-Bromophenyl-phenylether
Concen: 34.385 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

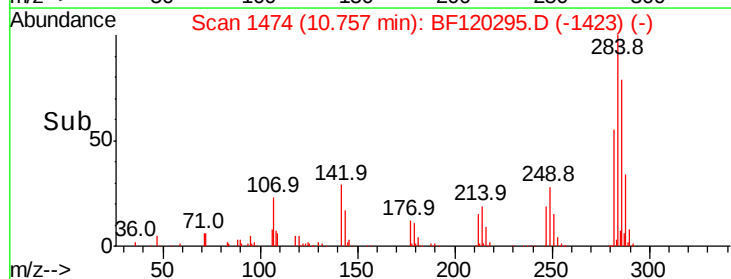
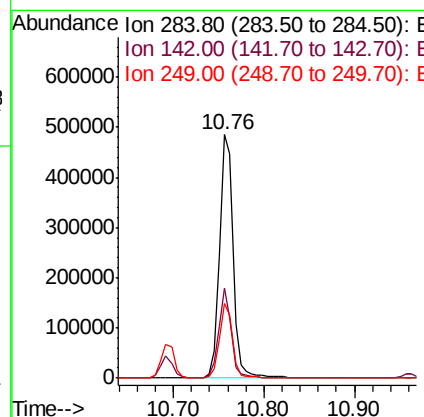
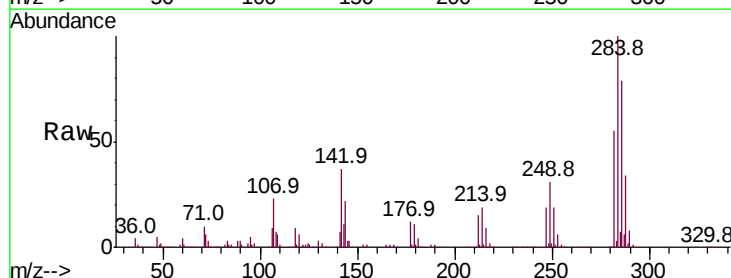
Instrument :
BNA_F
ClientSampleId :
PB128845BS

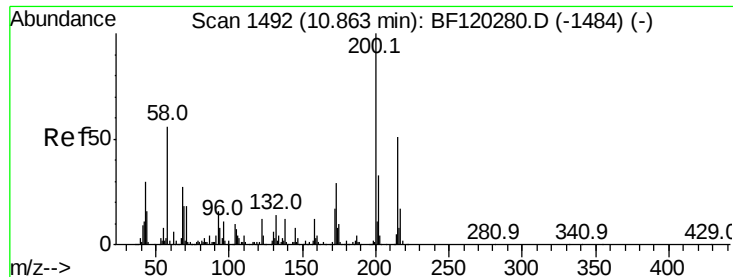
Tot Ion:248 Resp: 472378
Ion Ratio Lower Upper
248 100
250 96.9 77.8 116.6
141 74.2 57.7 86.5



#68
Hexachlorobenzene
Concen: 35.154 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion:284 Resp: 505229
Ion Ratio Lower Upper
284 100
142 37.2 28.5 42.7
249 30.6 24.8 37.2

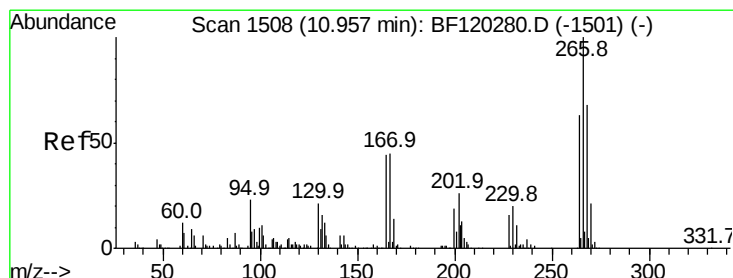
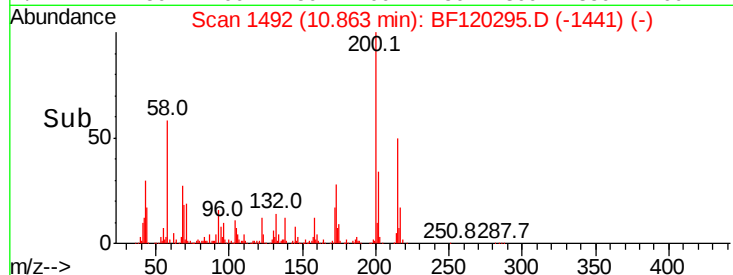
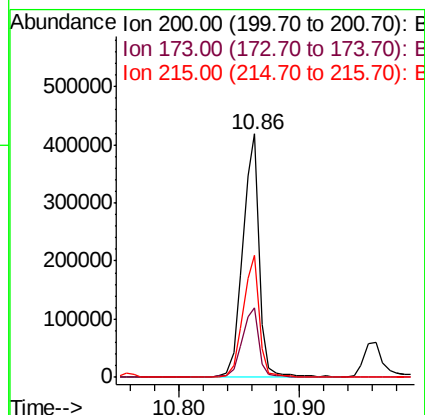
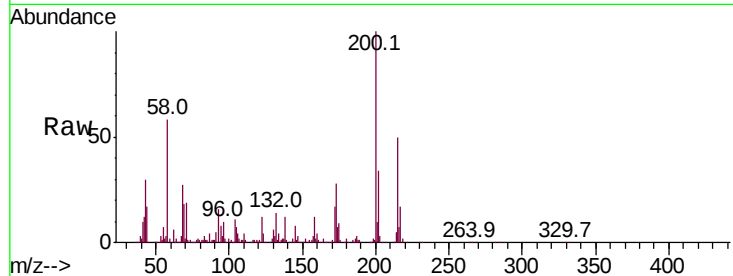




#69
Atrazine
Concen: 34.047 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

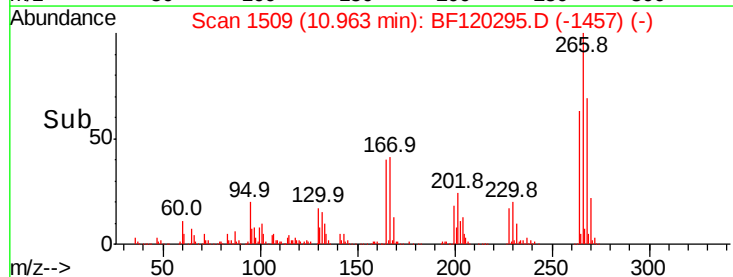
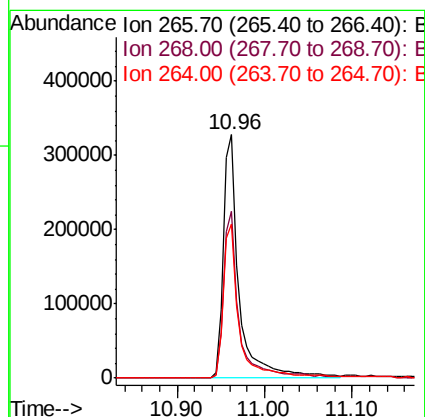
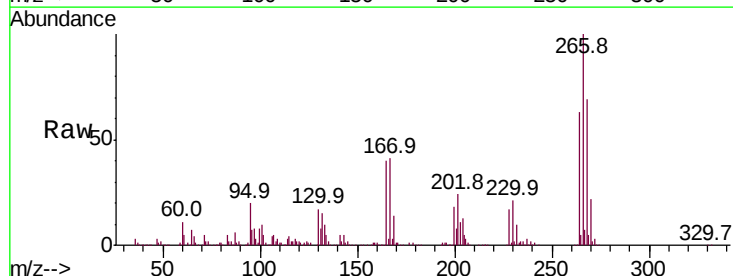
Instrument :
BNA_F
ClientSampleId :
PB128845BS

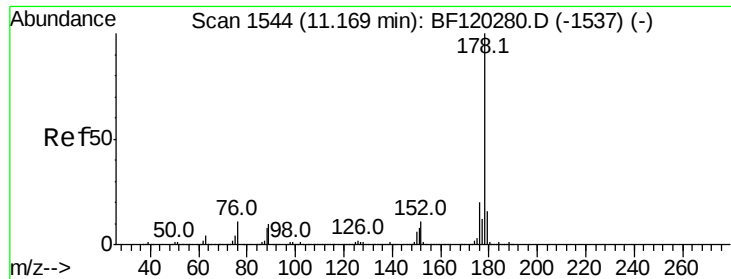
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.3	8.7	48.7
215	50.0	30.6	70.6



#70
Pentachlorophenol
Concen: 67.084 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.7	54.2	81.4
264	63.0	50.2	75.4

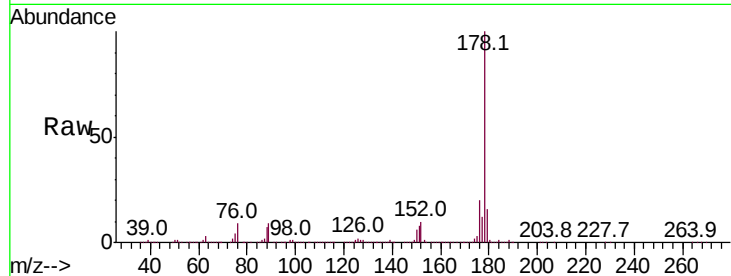




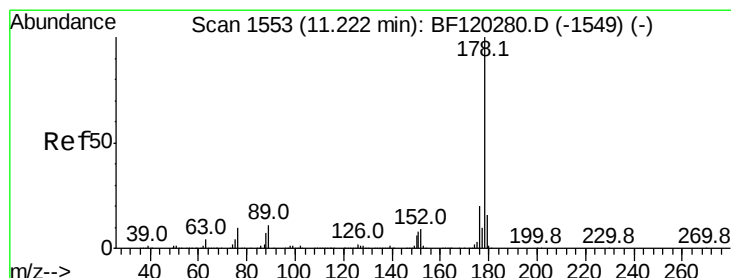
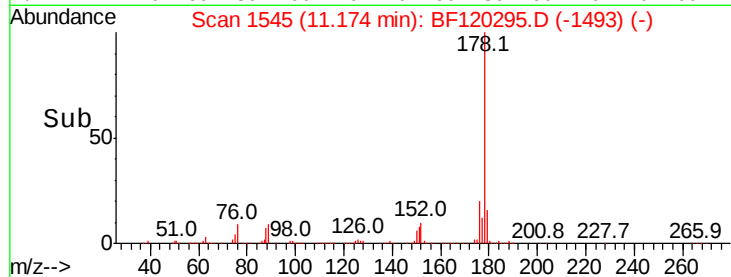
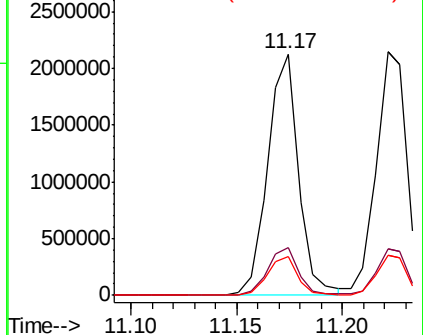
#71
Phenanthrene
Concen: 36.286 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Instrument :
BNA_F
ClientSampleId :
PB128845BS

Tot Ion:178 Resp: 2158576
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 16.1 12.8 19.2

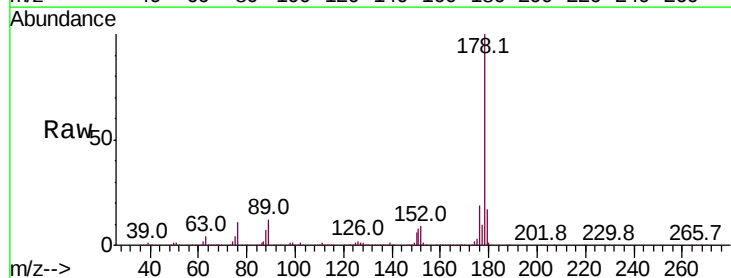


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

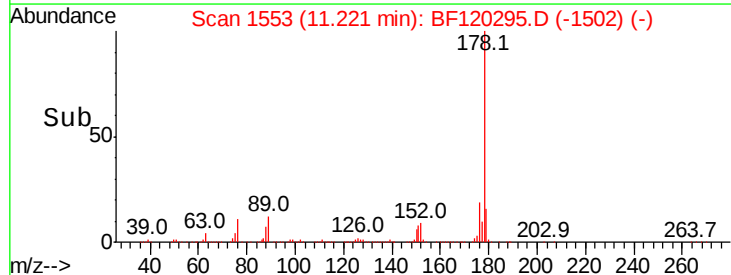
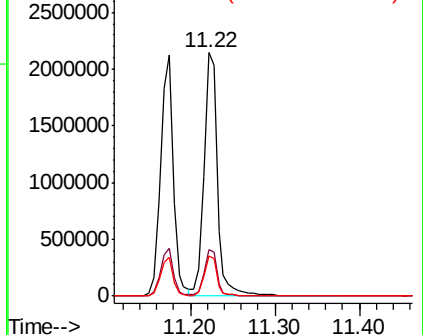


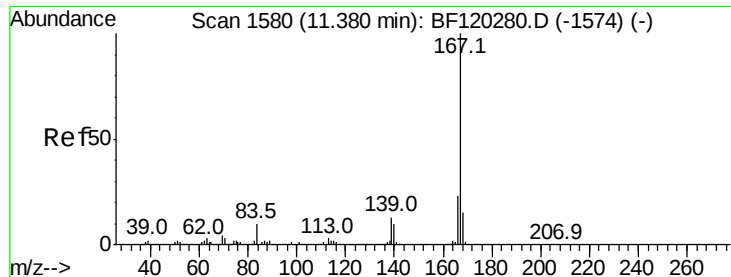
#72
Anthracene
Concen: 36.992 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion:178 Resp: 2355812
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 16.5 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

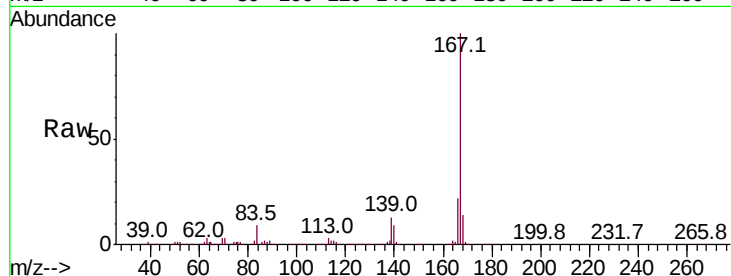




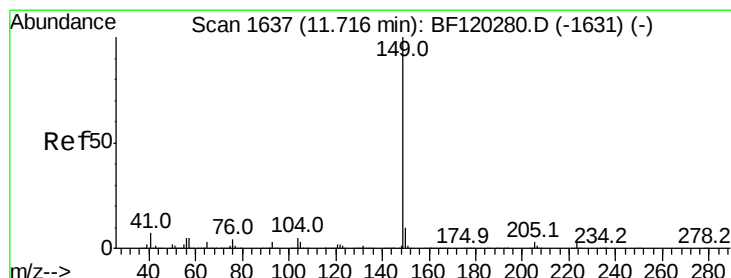
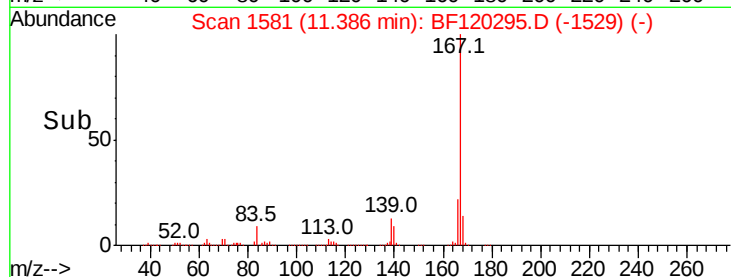
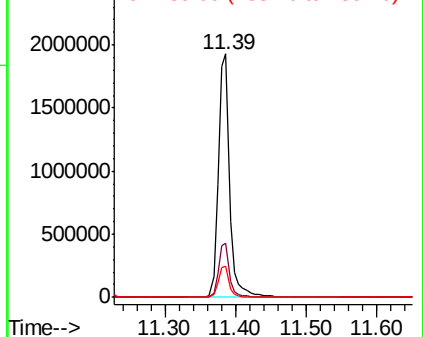
#73
 Carbazole
 Concen: 35.732 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. 0.01 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

Instrument :
 BNA_F
 ClientSampleId :
 PB128845BS

Tot Ion:167 Resp: 2126232
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 12.7 10.6 15.8

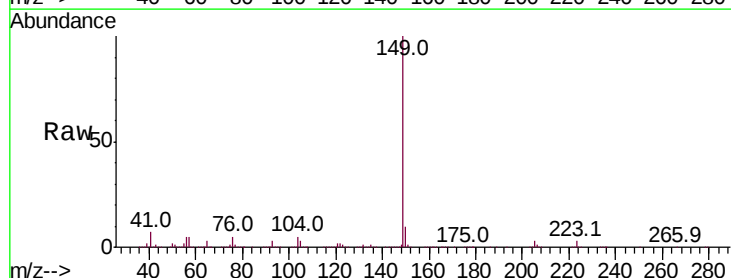


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

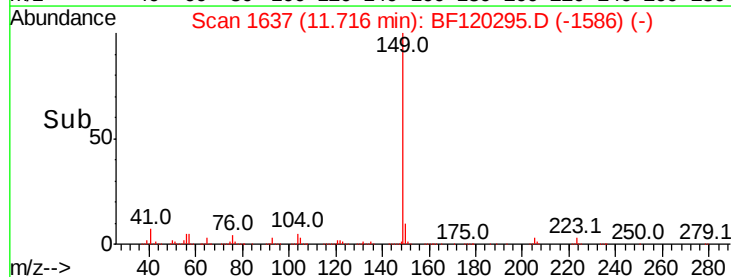
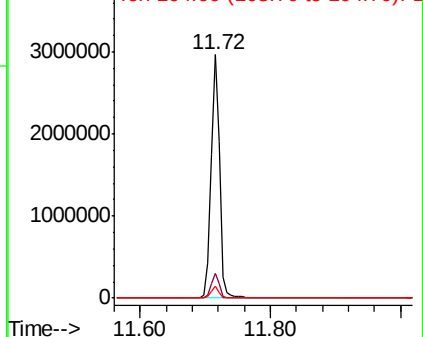


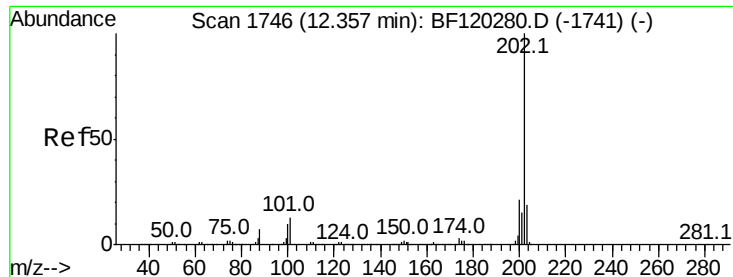
#74
 Di-n-butylphthalate
 Concen: 37.440 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

Tgt Ion:149 Resp: 2684946
 Ion Ratio Lower Upper
 149 100
 150 10.0 8.2 12.4
 104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.003 ng

RT: 12.36 min Scan# 1746

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Instrument :

BNA_F

ClientSampleId :

PB128845BS

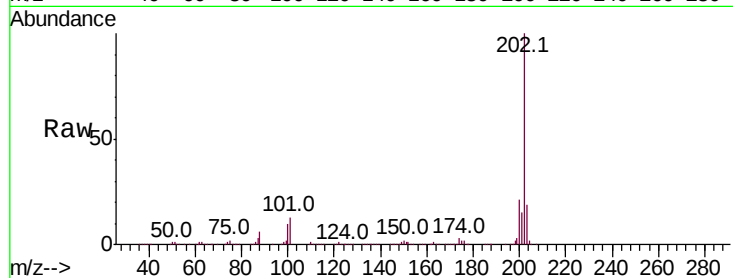
Tot Ion:202 Resp: 2423128

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.2

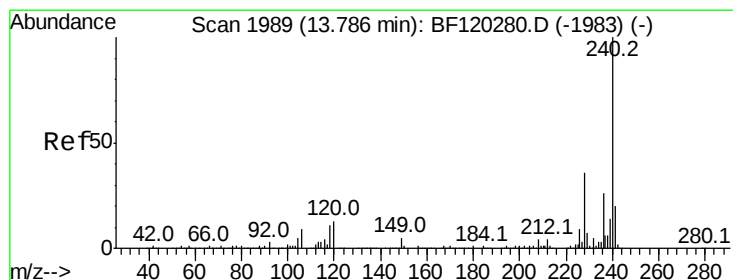
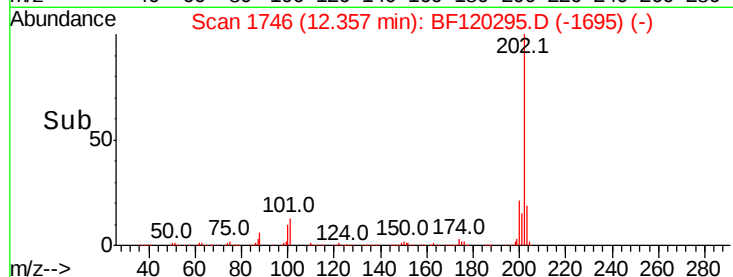
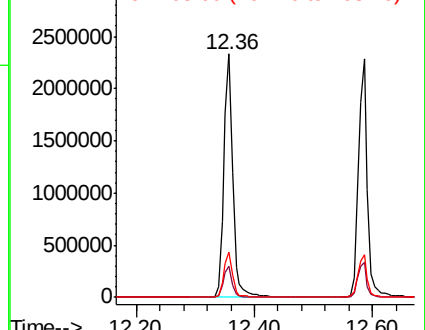
203 18.7 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

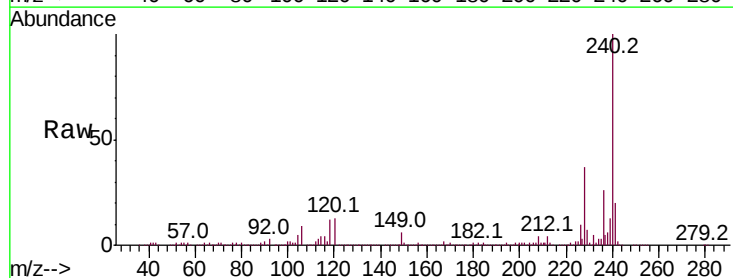
Tgt Ion:240 Resp: 1059867

Ion Ratio Lower Upper

240 100

120 13.1 10.4 15.6

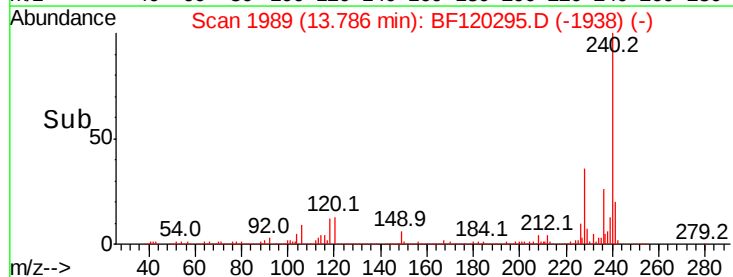
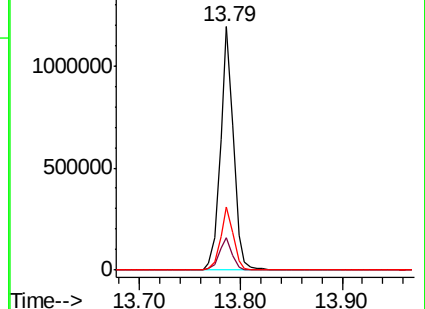
236 26.1 21.0 31.6

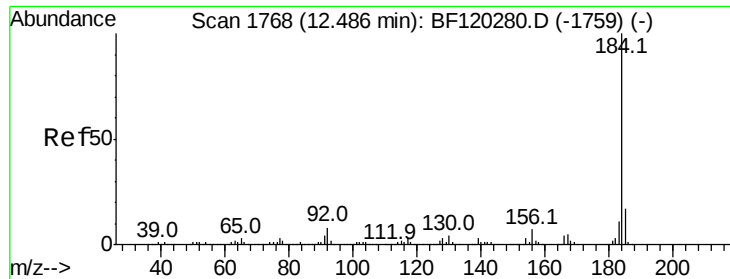


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.899 ng

RT: 12.49 min Scan# 1768

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Instrument :

BNA_F

ClientSampleId :

PB128845BS

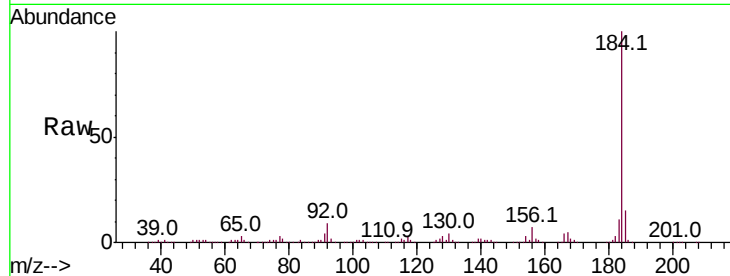
Tot Ion:184 Resp: 956323

Ion	Ratio	Lower	Upper
184	100		
185	14.6	13.7	20.5
183	10.8	8.7	13.1

184 100

185 14.6 13.7 20.5

183 10.8 8.7 13.1

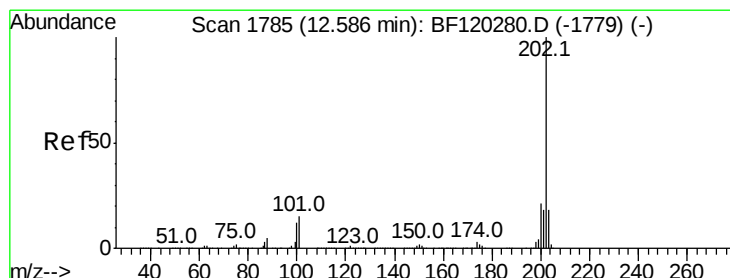
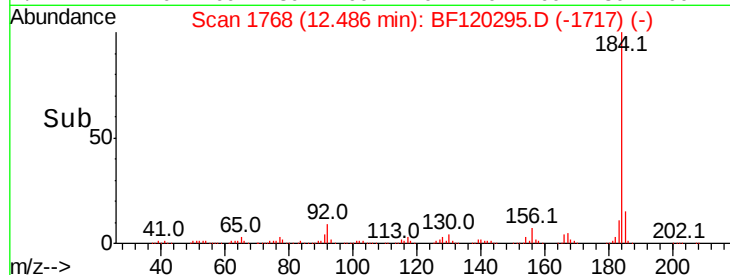
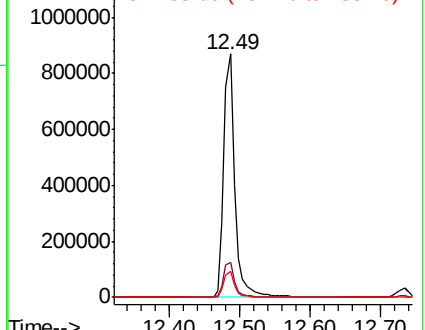


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 32.013 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

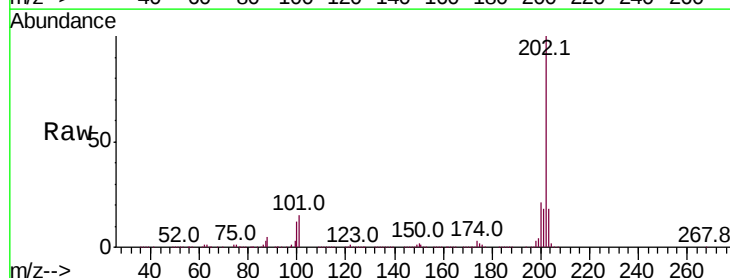
Tgt Ion:202 Resp: 2418821

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	17.9	14.6	22.0

202 100

200 21.1 16.6 25.0

203 17.9 14.6 22.0

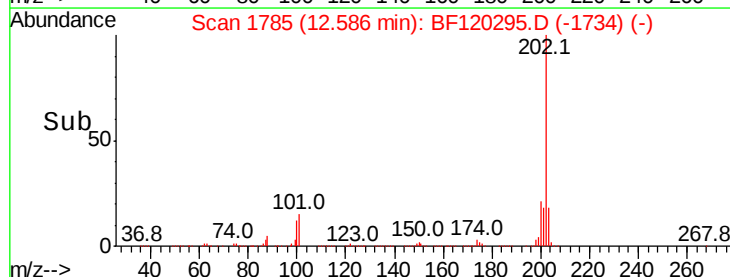
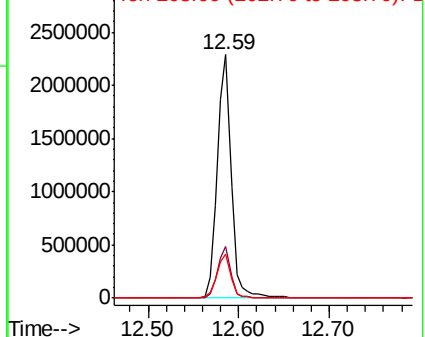


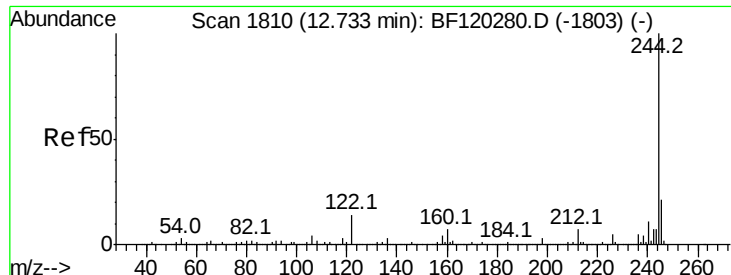
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



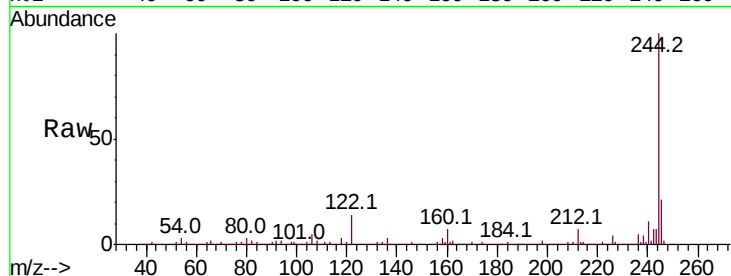


#79
 Terphenyl-d14
 Concen: 65.003 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

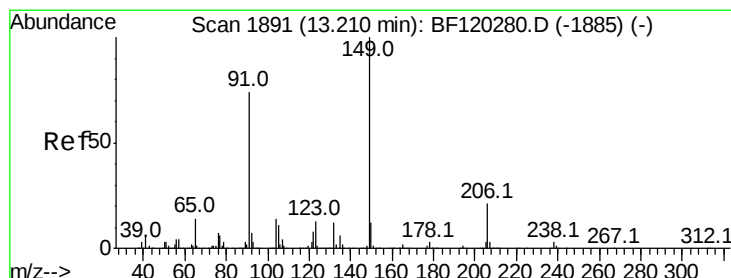
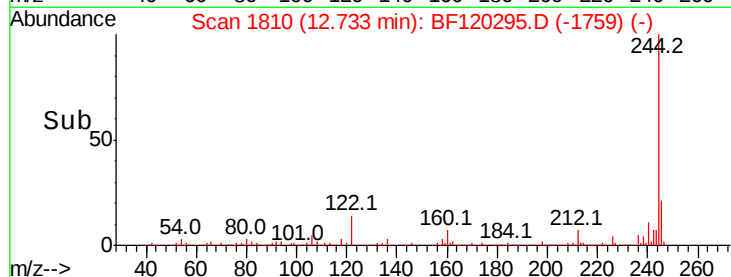
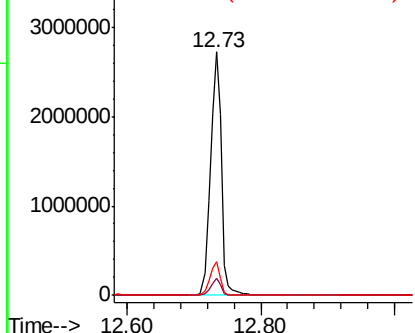
Instrument :
 BNA_F
 ClientSampleId :
 PB128845BS

Tot Ion:244 Resp: 3118526

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	14.1	10.8	16.2



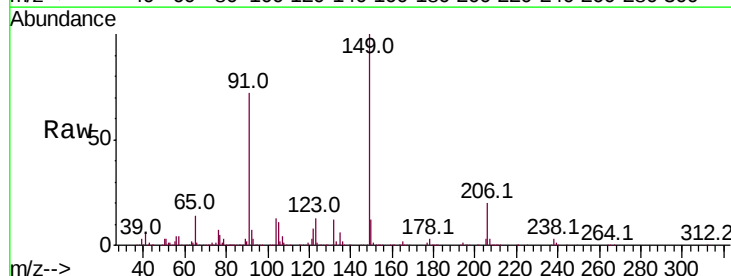
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



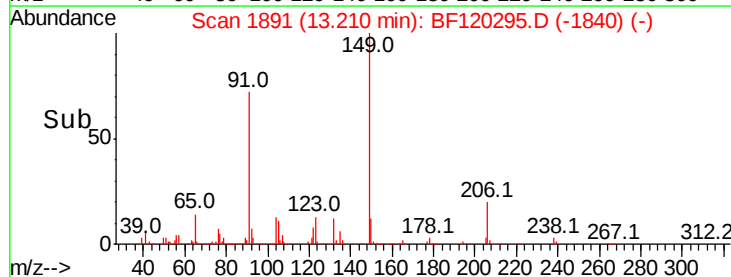
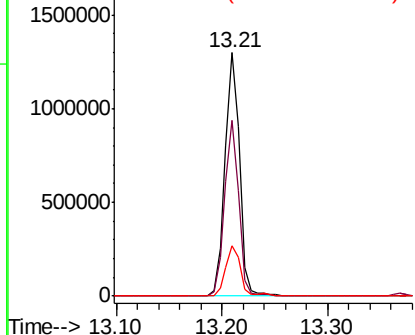
#80
 Butylbenzylphthalate
 Concen: 35.243 ng
 RT: 13.21 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

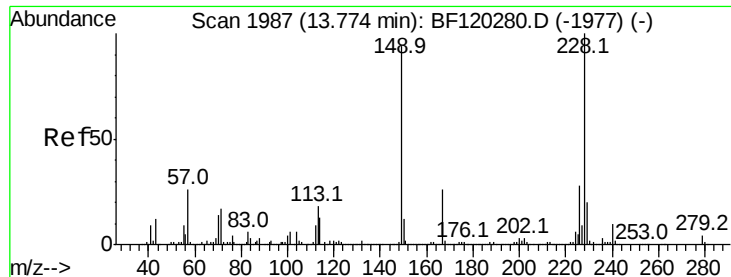
Tgt Ion:149 Resp: 1253922

Ion	Ratio	Lower	Upper
149	100		
91	72.1	59.0	88.4
206	20.4	16.8	25.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.062 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Instrument :

BNA_F

ClientSampleId :

PB128845BS

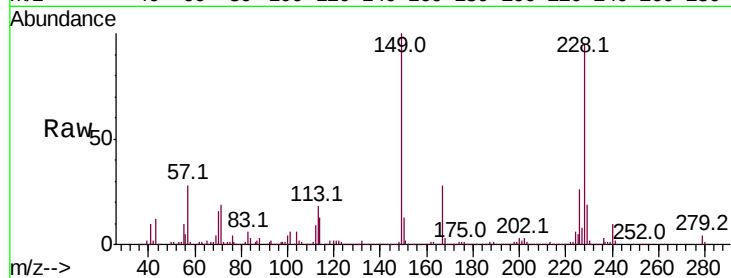
Tot Ion:228 Resp: 1904080

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

229 19.8 16.4 24.6

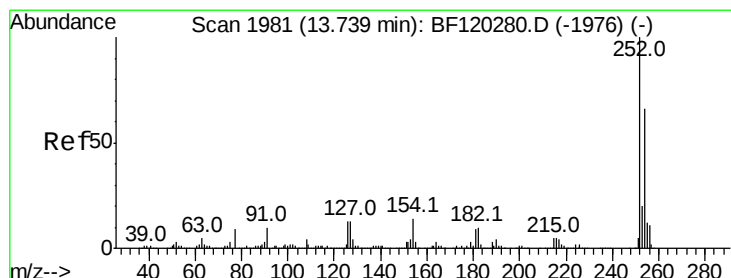
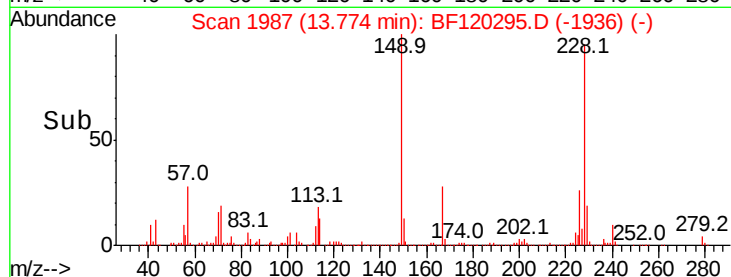
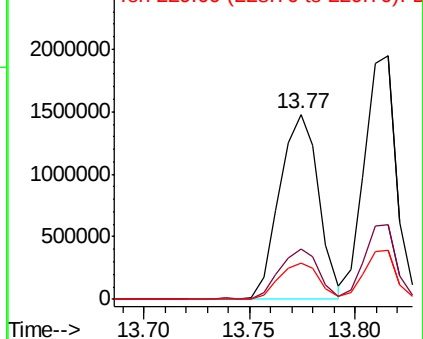


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 21.557 ng

RT: 13.74 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

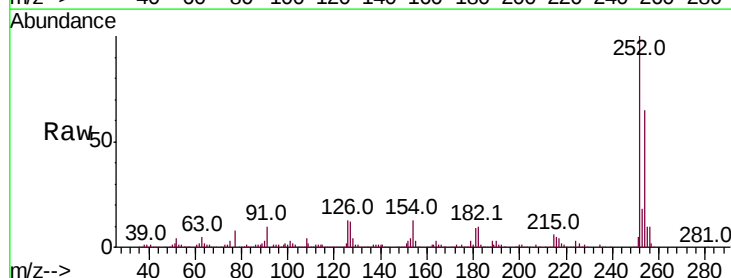
Tgt Ion:252 Resp: 454111

Ion Ratio Lower Upper

252 100

254 64.9 52.6 78.8

126 13.1 10.7 16.1

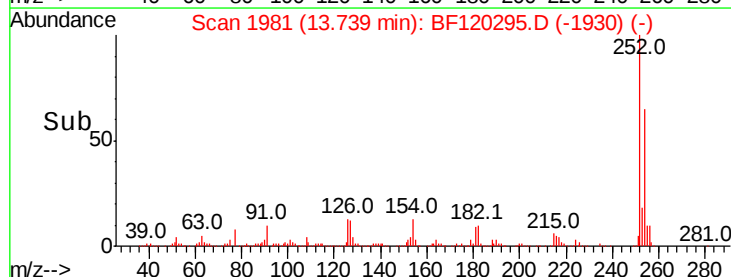
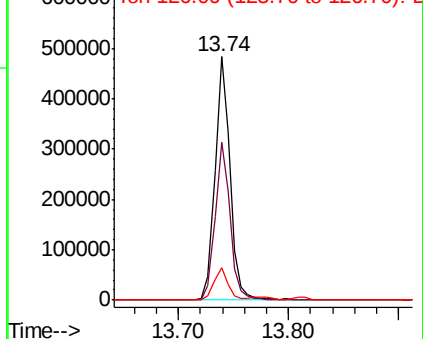


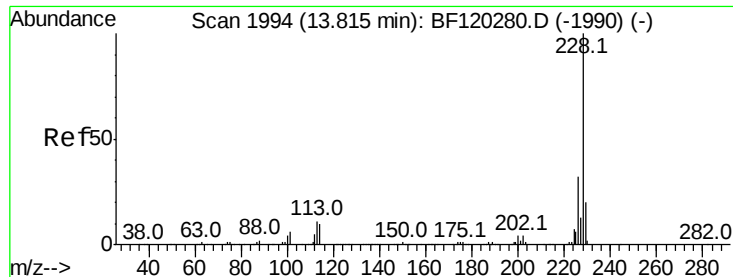
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 34.846 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Instrument :

BNA_F

ClientSampleId :

PB128845BS

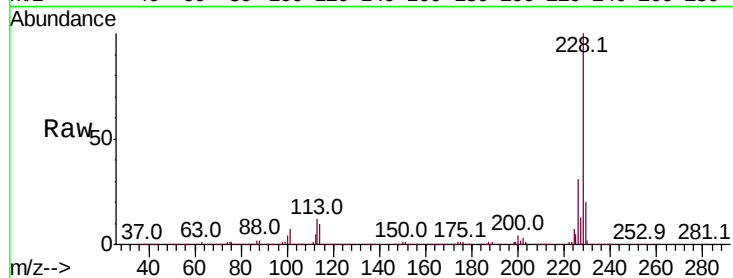
Tot Ion:228 Resp: 2091688

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.6

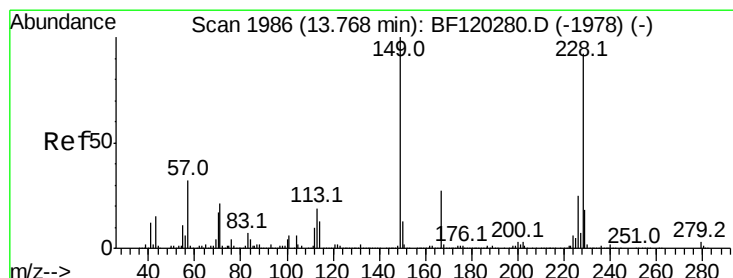
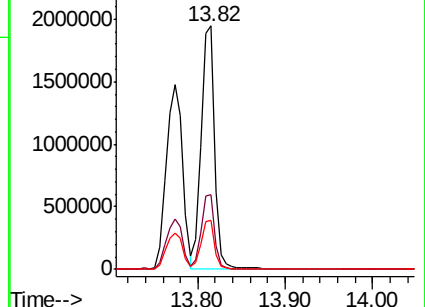
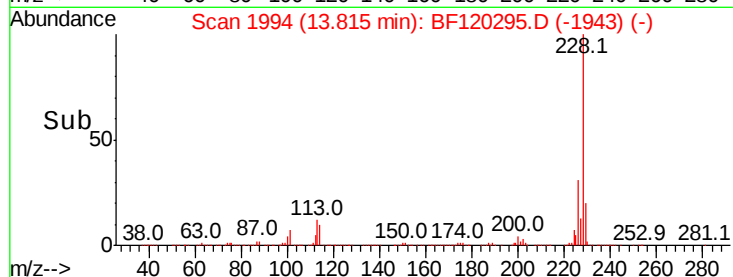
229 20.3 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.776 ng

RT: 13.77 min Scan# 1987

Delta R.T. 0.01 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

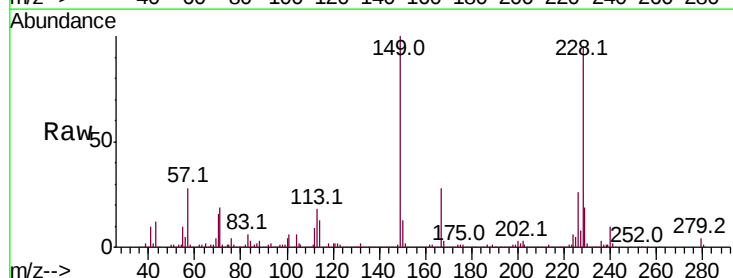
Tgt Ion:149 Resp: 1539388

Ion Ratio Lower Upper

149 100

167 28.2 21.8 32.8

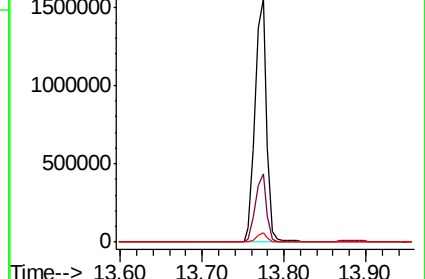
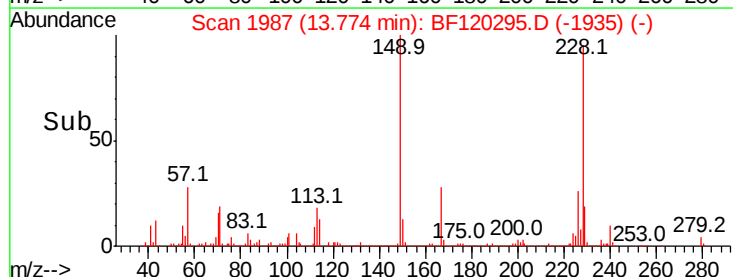
279 3.9 2.8 4.2

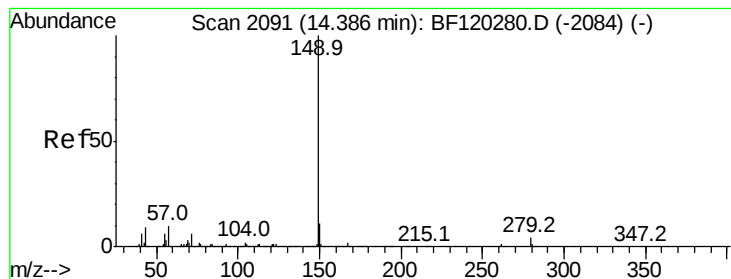


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 35.855 ng

RT: 14.39 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Instrument :

BNA_F

ClientSampleId :

PB128845BS

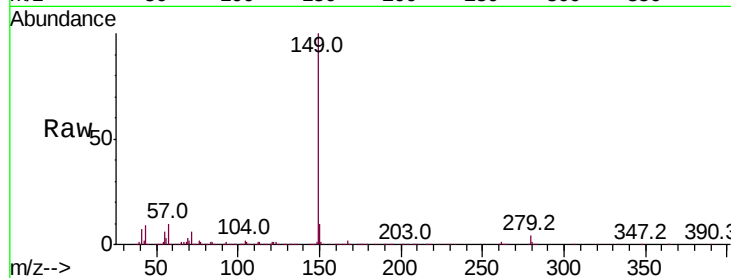
Tot Ion:149 Resp: 2855278

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

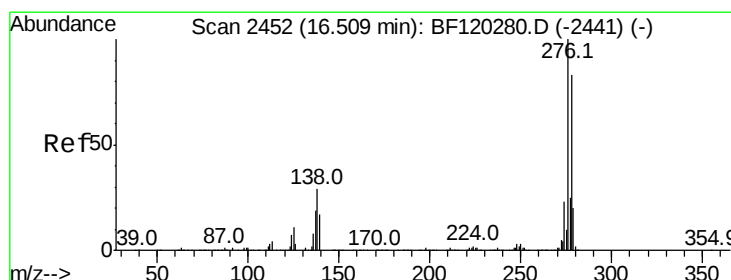
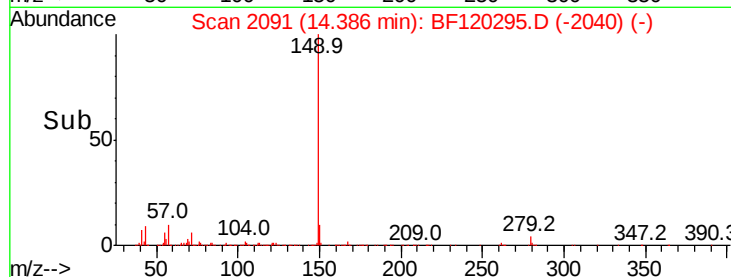
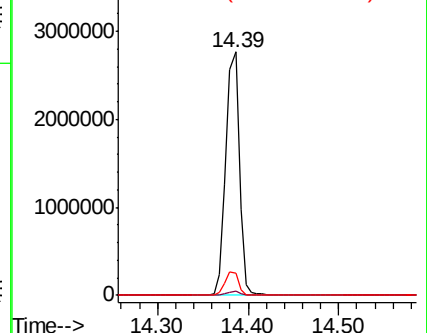
43 9.5 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.432 ng

RT: 16.51 min Scan# 2452

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

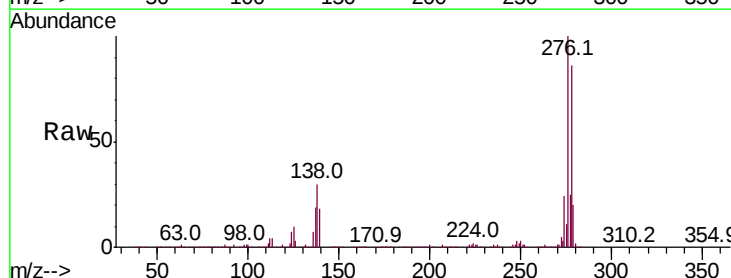
Tgt Ion:276 Resp: 1821394

Ion Ratio Lower Upper

276 100

138 29.3 23.3 34.9

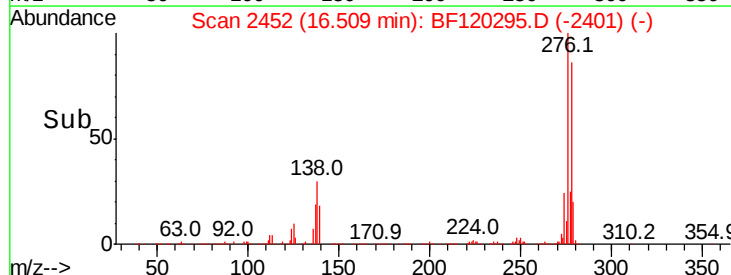
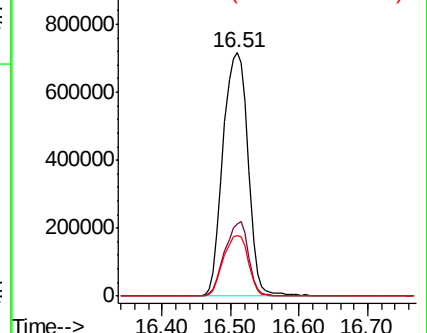
277 25.0 20.2 30.4

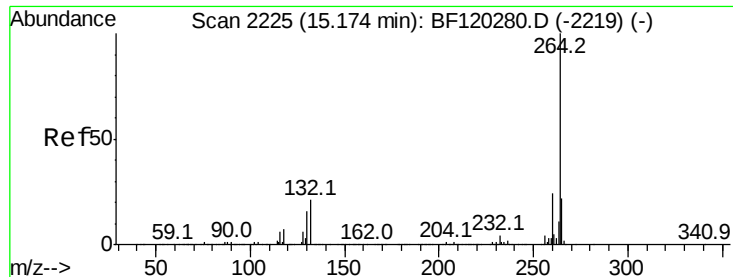


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.17 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Instrument :

BNA_F

ClientSampleId :

PB128845BS

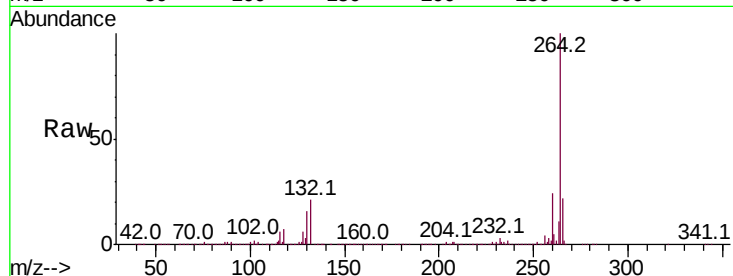
Tot Ion:264 Resp: 972632

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

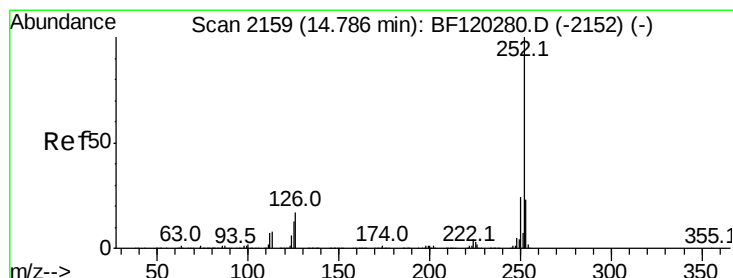
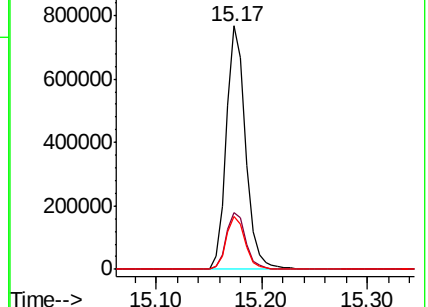
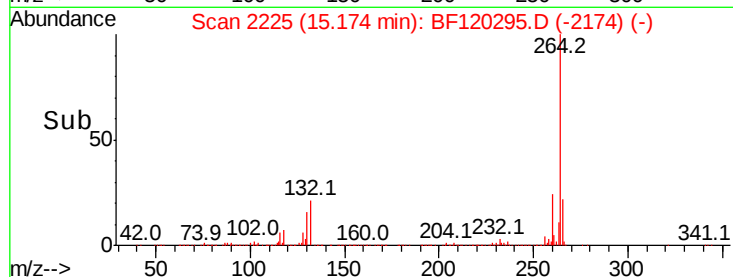
265 21.6 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 36.499 ng

RT: 14.79 min Scan# 2160

Delta R.T. 0.01 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

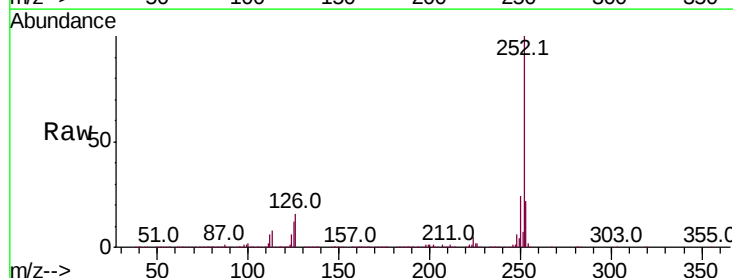
Tgt Ion:252 Resp: 1938748

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

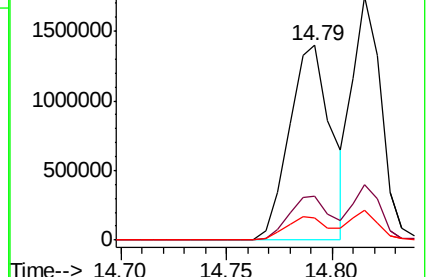
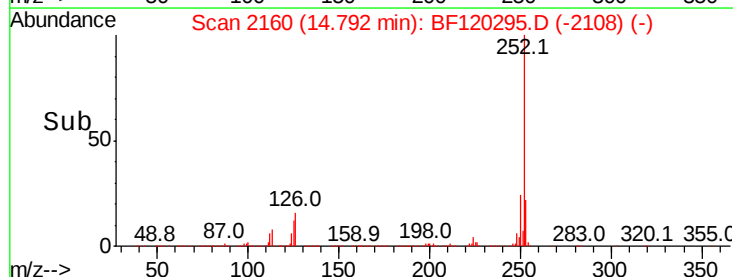
125 11.7 10.4 15.6

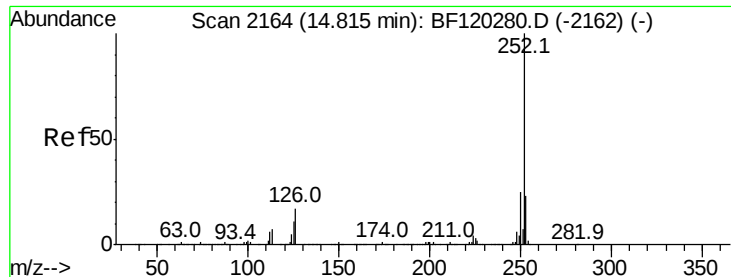


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

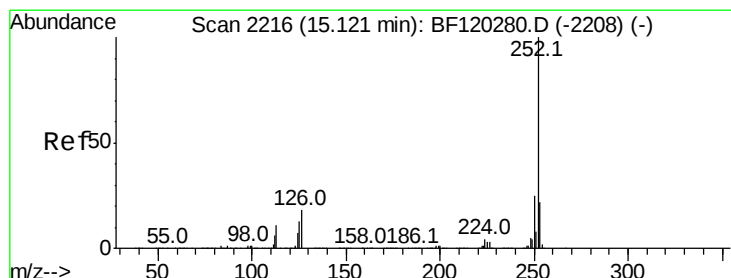
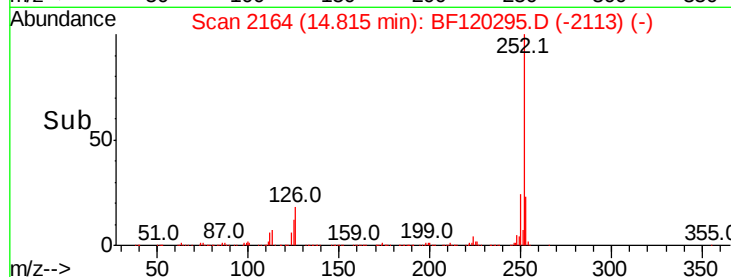
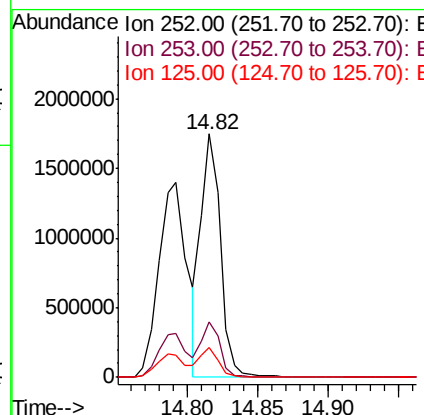
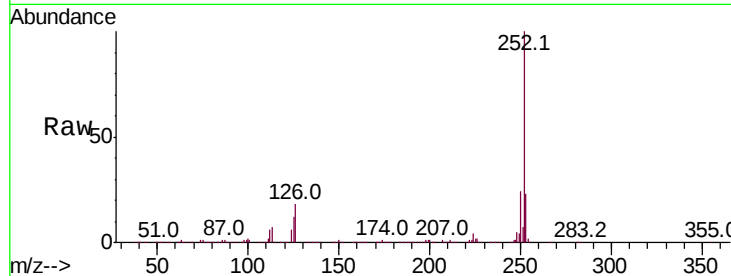




#89
Benzo(k)fluoranthene
Concen: 36.467 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

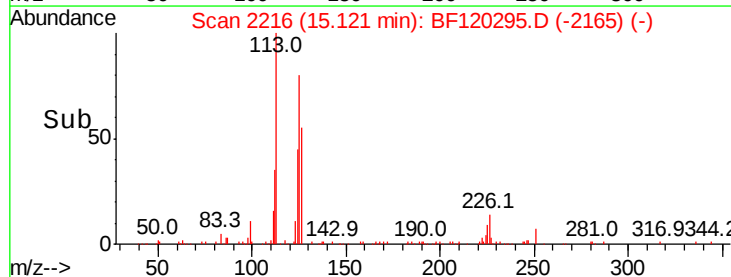
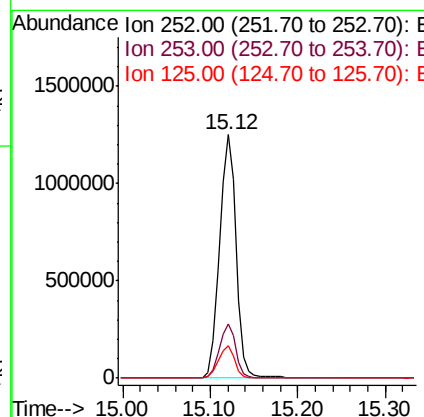
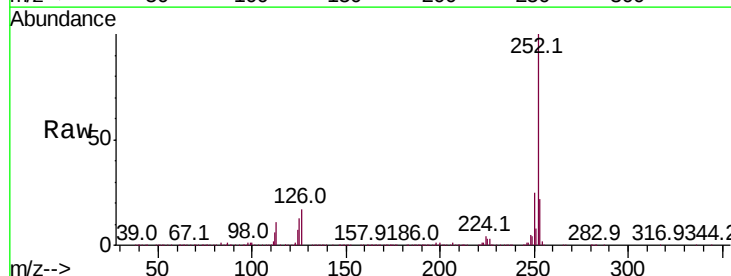
Instrument :
BNA_F
ClientSampleId :
PB128845BS

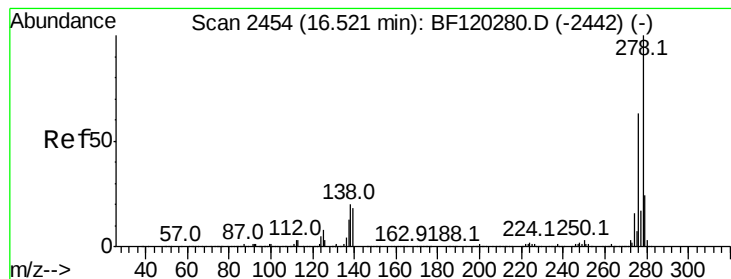
Tot Ion:252 Resp: 1678236
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 12.3 9.9 14.9



#90
Benzo(a)pyrene
Concen: 34.621 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion:252 Resp: 1649269
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 13.4 10.6 16.0





#91

Dibenzo(a,h)anthracene

Concen: 35.894 ng

RT: 16.52 min Scan# 2454

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Instrument :

BNA_F

ClientSampleId :

PB128845BS

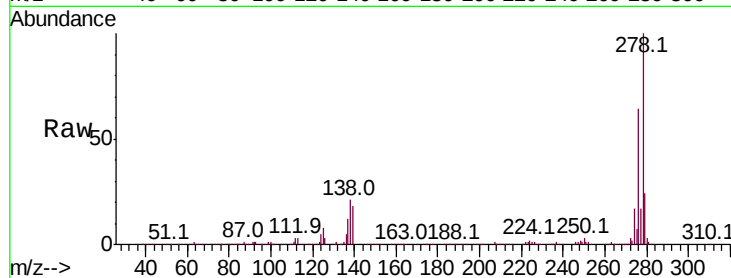
Tot Ion:278 Resp: 1514788

Ion Ratio Lower Upper

278 100

139 18.1 14.7 22.1

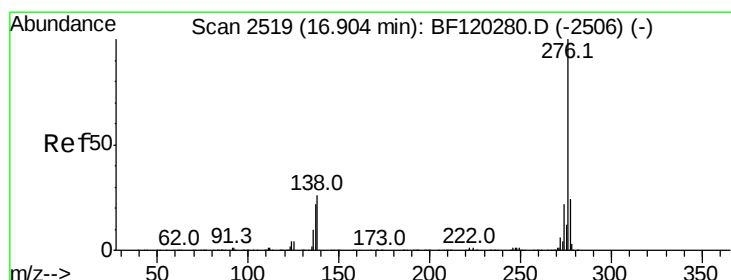
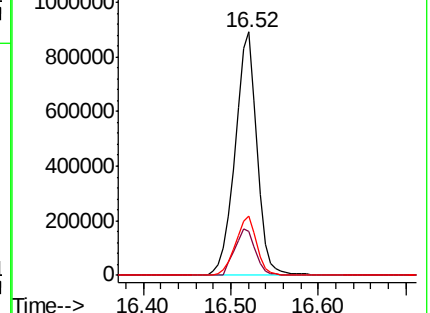
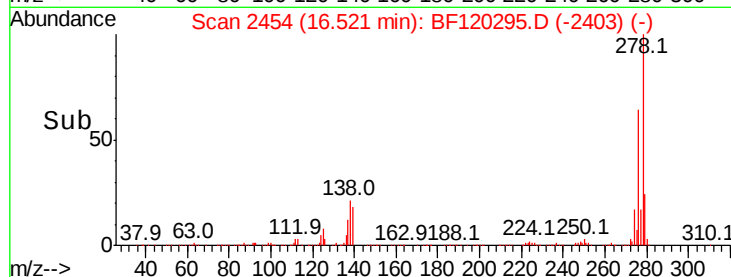
279 24.3 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.540 ng

RT: 16.91 min Scan# 2520

Delta R.T. 0.01 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

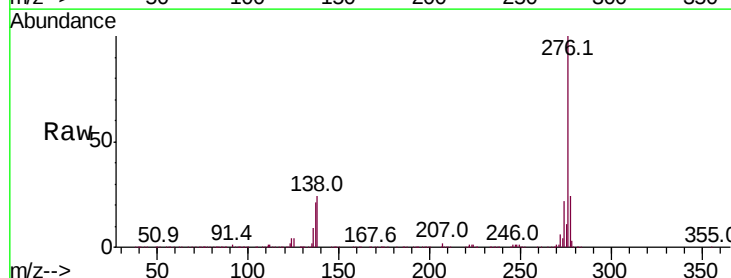
Tgt Ion:276 Resp: 1555030

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 23.9 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

