

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF051820\
 Data File : BF120344.D
 Acq On : 18 May 2020 16:23
 Operator : MA/SJ
 Sample : PB128942BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128942BSD

Quant Time: May 18 16:57:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 15:23:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	350095	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1332983	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	616843	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	1052608	20.00	ng	0.00
76) Chrysene-d12	13.76	240	745118	20.00	ng	0.00
87) Perylene-d12	15.14	264	810287	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	1387048	77.09	ng	0.02
7) Phenol-d6	6.26	99	1712043	75.24	ng	0.00
23) Nitrobenzene-d5	7.17	82	1610787	82.74	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	388763	77.30	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2767614	92.18	ng	0.00
79) Terphenyl-d14	12.71	244	2804309	83.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	305000	42.612	ng	98
3) Pyridine	2.99	79	700657	31.141	ng	96
4) n-Nitrosodimethylamine	2.95	42	353914	40.172	ng	99
6) Aniline	6.26	93	746612	25.657	ng	97
8) 2-Chlorophenol	6.39	128	818602	39.019	ng	96
9) Benzaldehyde	6.15	77	501647	35.763	ng	97
10) Phenol	6.27	94	997039	37.536	ng	# 78
11) bis(2-Chloroethyl)ether	6.35	93	761906	35.909	ng	99
12) 1,3-Dichlorobenzene	6.54	146	829879	36.967	ng	99
13) 1,4-Dichlorobenzene	6.62	146	866643	37.482	ng	98
14) 1,2-Dichlorobenzene	6.77	146	770951	37.027	ng	98
15) Benzyl Alcohol	6.76	79	627769	38.834	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	1266289	37.870	ng	92
17) 2-Methylphenol	6.88	107	649370	36.666	ng	95
18) Hexachloroethane	7.11	117	313494	35.591	ng	98
19) n-Nitroso-di-n-propylamine	7.03	70	539966	36.223	ng	95
20) 3+4-Methylphenols	7.03	107	816156	35.444	ng	97
22) Acetophenone	7.02	105	1088086	39.845	ng	97
24) Nitrobenzene	7.19	77	813077	38.805	ng	99
25) Isophorone	7.43	82	1529468	37.756	ng	99
26) 2-Nitrophenol	7.51	139	449061	40.979	ng	98
27) 2,4-Dimethylphenol	7.56	122	683035	42.848	ng	96
28) bis(2-Chloroethoxy)methane	7.65	93	985158	38.691	ng	99
29) 2,4-Dichlorophenol	7.76	162	636037	38.849	ng	98
30) 1,2,4-Trichlorobenzene	7.83	180	725678	39.999	ng	99
31) Naphthalene	7.91	128	2298038	40.848	ng	99
32) Benzoic acid	7.72	122	384695	36.817	ng	96
33) 4-Chloroaniline	7.97	127	529372	20.648	ng	99
34) Hexachlorobutadiene	8.03	225	397306	37.888	ng	97
35) Caprolactam	8.35	113	107452	20.061	ng	91
36) 4-Chloro-3-methylphenol	8.47	107	662233	37.391	ng	97
37) 2-Methylnaphthalene	8.60	142	1439464	37.390	ng	98
38) 1-Methylnaphthalene	8.70	142	1374194	36.803	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	642226	41.290	ng	99

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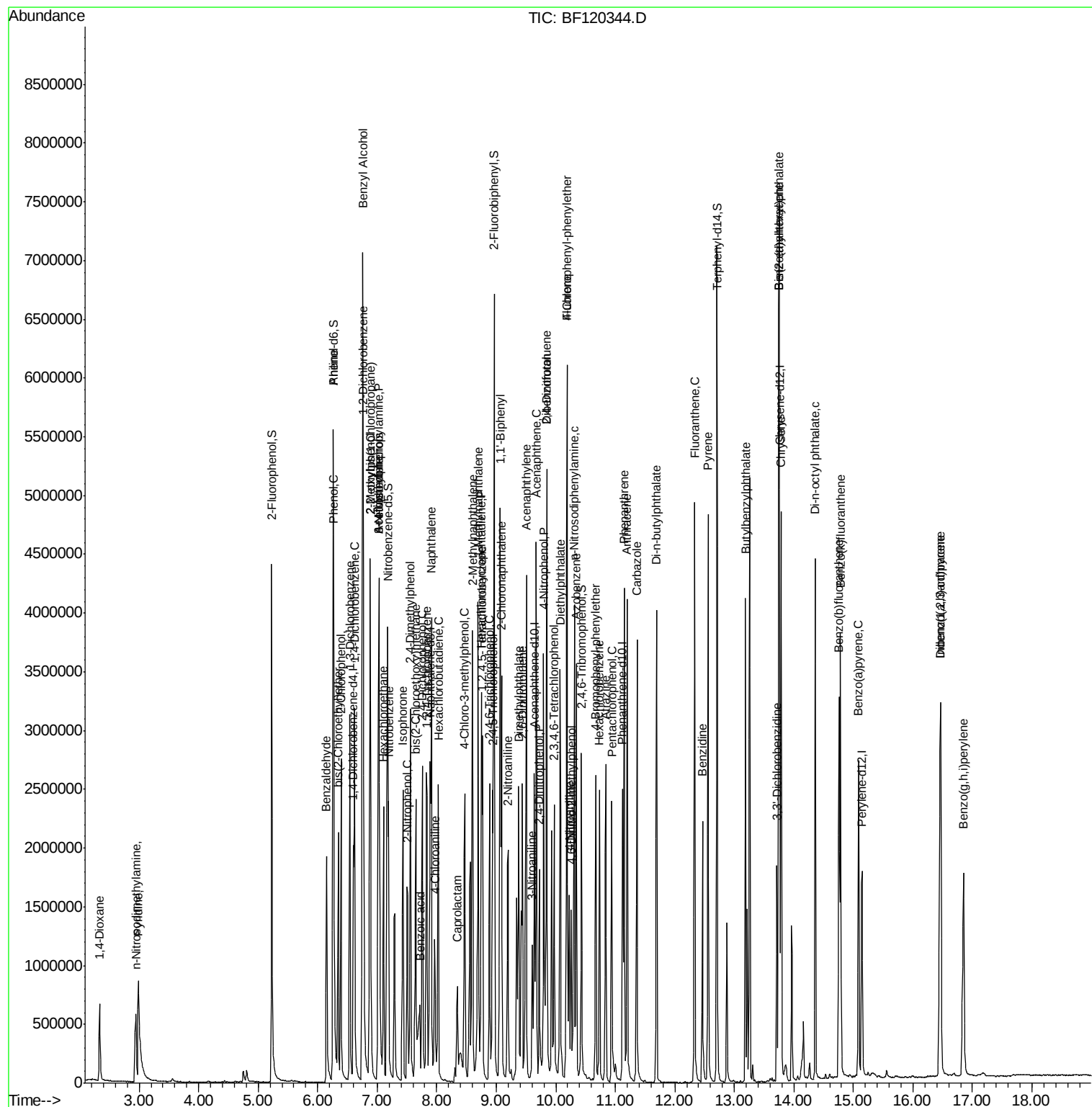
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	543740	84.353	nq	100
43) 2,4,6-Trichlorophenol	8.89	196	410605	39.328	nq	99
44) 2,4,5-Trichlorophenol	8.94	196	446628	37.250	nq	98
46) 1,1'-Biphenyl	9.07	154	1722284	42.614	nq	99
47) 2-Chloronaphthalene	9.09	162	1302886	40.188	nq	98
48) 2-Nitroaniline	9.20	65	469910	39.726	nq	96
49) Acenaphthylene	9.50	152	2050240	41.400	nq	99
50) Dimethylphthalate	9.38	163	1506813	38.643	nq	99
51) 2,6-Dinitrotoluene	9.44	165	336402	38.654	nq	97
52) Acenaphthene	9.67	154	1210835	40.790	nq	100
53) 3-Nitroaniline	9.60	138	226395	21.814	nq	95
54) 2,4-Dinitrophenol	9.72	184	292557	71.215	nq	97
55) Dibenzofuran	9.85	168	1747725	40.885	nq	99
56) 4-Nitrophenol	9.80	139	431995	77.466	nq	99
57) 2,4-Dinitrotoluene	9.85	165	421287	41.266	nq	96
58) Fluorene	10.19	166	1355275	41.630	nq	99
59) 2,3,4,6-Tetrachlorophenol	9.97	232	361661	40.081	nq	99
60) Diethylphthalate	10.07	149	1493157	39.664	nq	99
61) 4-Chlorophenyl-phenylether	10.19	204	649215	38.356	nq	93
62) 4-Nitroaniline	10.23	138	354334	36.665	nq	99
63) Azobenzene	10.35	77	1393057	39.154	nq	96
65) 4,6-Dinitro-2-methylphenol	10.26	198	225935	42.442	nq	98
66) n-Nitrosodiphenylamine	10.31	169	1240959	42.613	nq	99
67) 4-Bromophenyl-phenylether	10.67	248	386848	37.873	nq	95
68) Hexachlorobenzene	10.74	284	418867	39.198	nq	93
69) Atrazine	10.84	200	324665	37.259	nq	100
70) Pentachlorophenol	10.94	266	352312	77.520	nq	98
71) Phenanthrene	11.15	178	1829683	41.367	nq	99
72) Anthracene	11.20	178	2007954	42.406	nq	98
73) Carbazole	11.36	167	1778011	40.188	nq	99
74) Di-n-butylphthalate	11.69	149	2199882	41.258	nq	98
75) Fluoranthene	12.33	202	2217386	46.773	nq	99
77) Benzidine	12.46	184	998592	45.894	nq	96
78) Pyrene	12.56	202	2237896	42.129	nq	99
80) Butylbenzylphthalate	13.19	149	992395	39.675	nq	98
81) Benzo(a)anthracene	13.75	228	1576822	40.123	nq	99
82) 3,3'-Dichlorobenzidine	13.72	252	380324	25.680	nq	97
83) Chrysene	13.79	228	1823632	43.213	nq	99
84) Bis(2-ethylhexyl)phthalate	13.75	149	1164867	37.431	nq	98
85) Di-n-octyl phthalate	14.36	149	2204679	39.380	nq	99
86) Indeno(1,2,3-cd)pyrene	16.46	276	1642627	42.887	nq	100
88) Benzo(b)fluoranthene	14.76	252	1789603	40.441	nq	97
89) Benzo(k)fluoranthene	14.79	252	1558459	40.650	nq	99
90) Benzo(a)pyrene	15.09	252	1413351	35.613	nq	99
91) Dibenzo(a,h)anthracene	16.47	278	1382643	39.327	nq	100
92) Benzo(g,h,i)perylene	16.85	276	1395816	39.371	nq	98

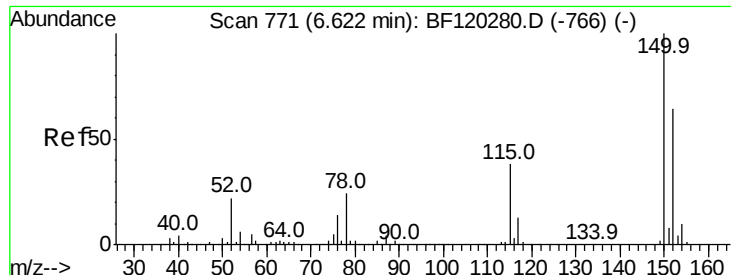
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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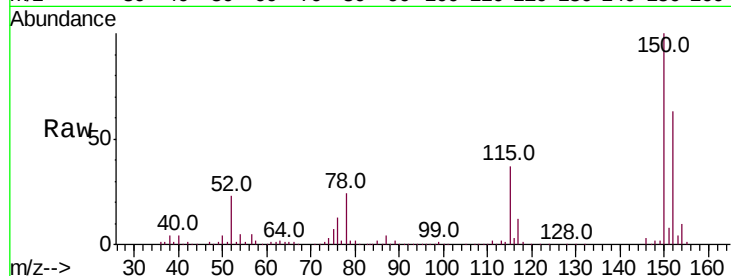


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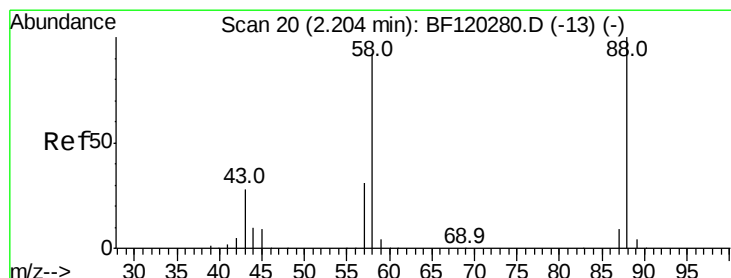
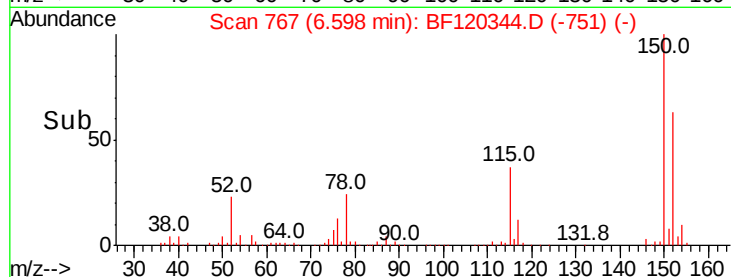
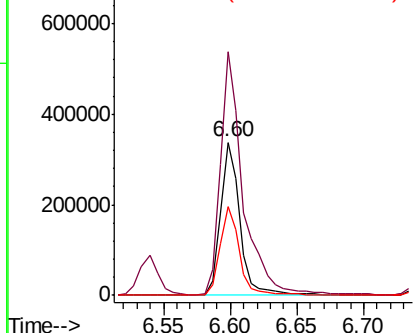
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB128942BSD

Tot Ion:152 Resp: 350095
Ion Ratio Lower Upper
152 100
150 159.0 126.2 189.2
115 58.3 47.9 71.9



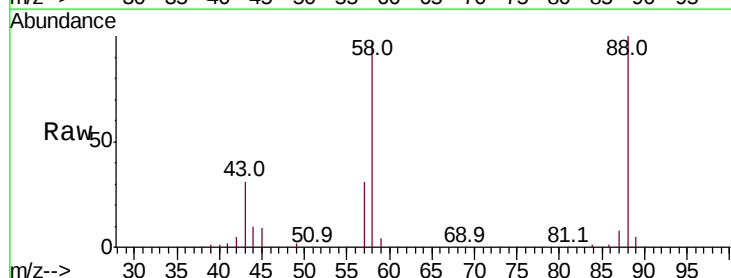
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



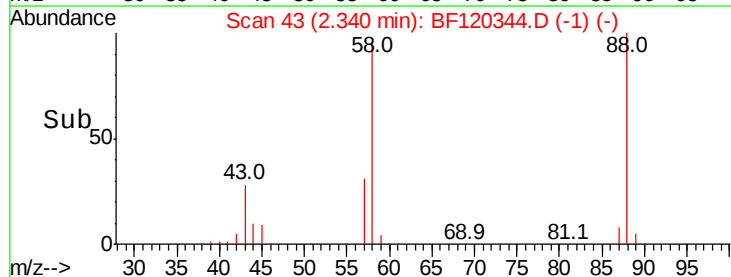
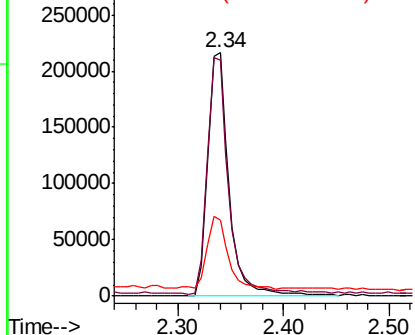
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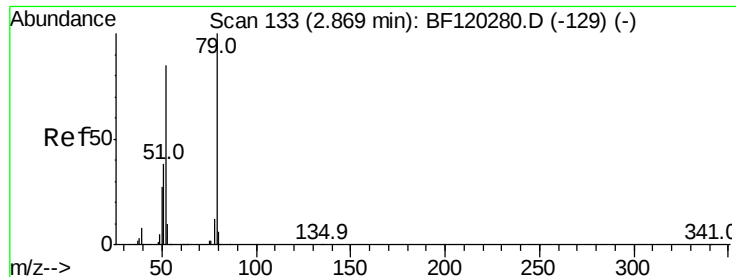
1,4-Dioxane
Concen: 42.612 ng
RT: 2.34 min Scan# 43
Delta R.T. 0.14 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Tgt Ion: 88 Resp: 305000
Ion Ratio Lower Upper
88 100
58 97.0 75.8 113.6
43 29.5 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: 31.141 ng

RT: 2.99 min Scan# 153

Delta R.T. 0.13 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB128942BSD

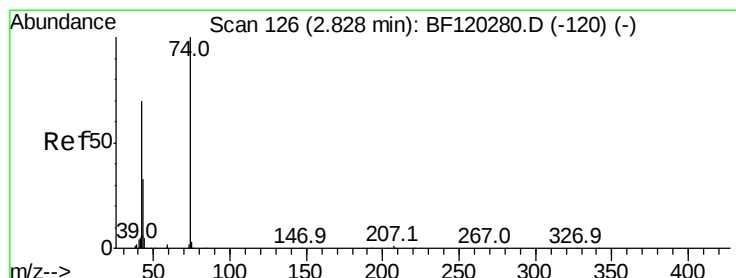
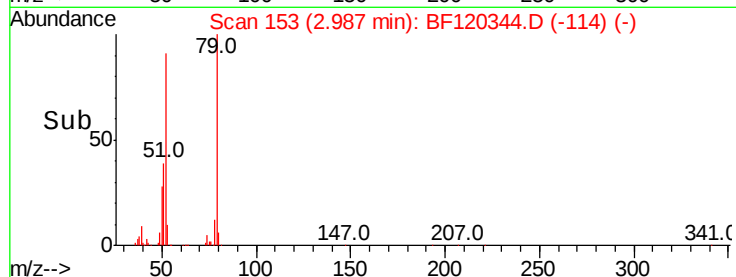
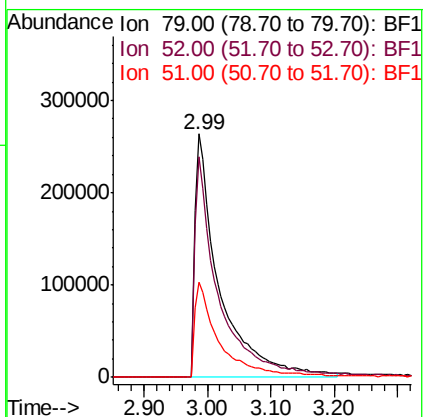
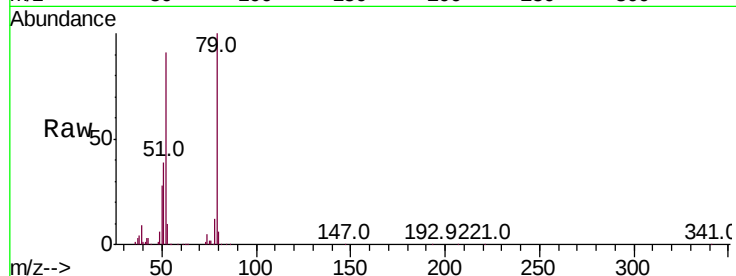
Tot Ion: 79 Resp: 700657

Ion Ratio Lower Upper

79 100

52 90.8 68.4 102.6

51 39.2 31.0 46.4



#4

n-Nitrosodimethylamine

Concen: 40.172 ng

RT: 2.95 min Scan# 146

Delta R.T. 0.12 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

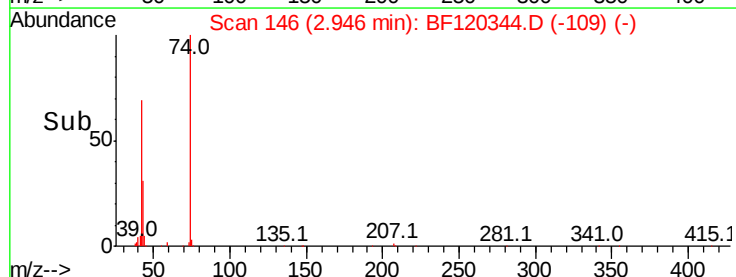
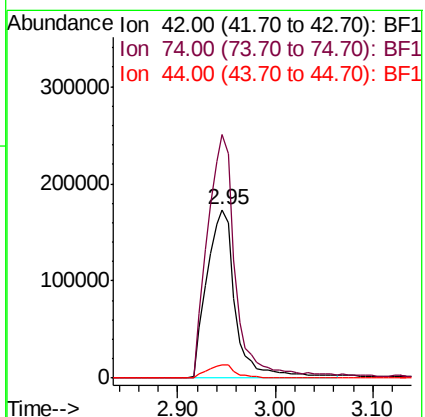
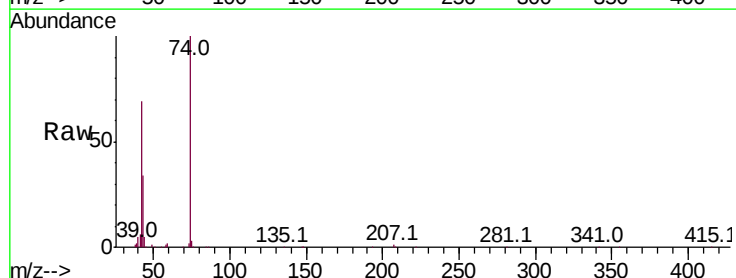
Tgt Ion: 42 Resp: 353914

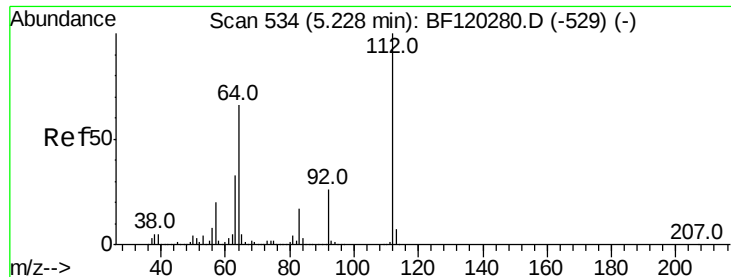
Ion Ratio Lower Upper

42 100

74 144.6 114.8 172.2

44 7.5 5.6 8.4





#5

2-Fluorophenol

Concen: 77.087 ng

RT: 5.23 min Scan# 534

Delta R.T. 0.02 min

Lab File: BF120344.D

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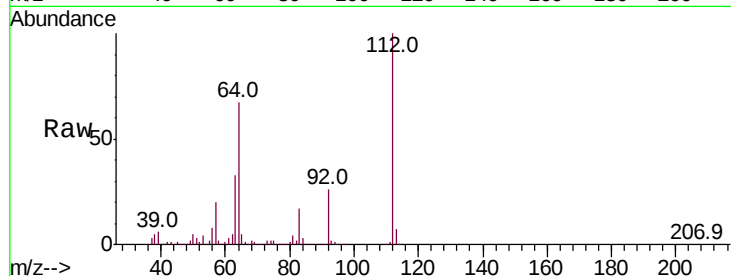
Tot Ion:112 Resp: 1387048

Ion Ratio Lower Upper

112 100

64 66.8 52.7 79.1

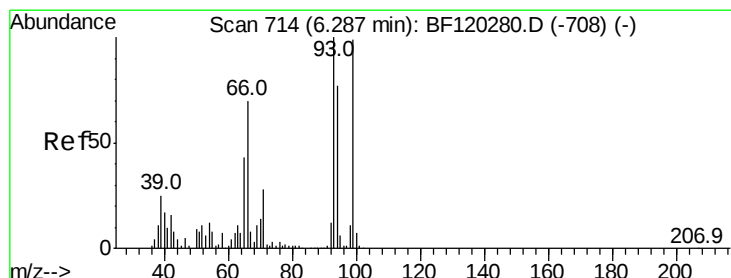
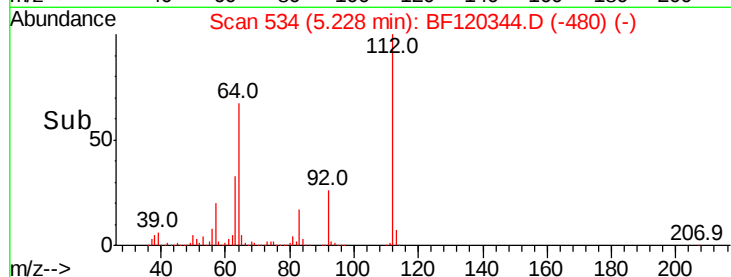
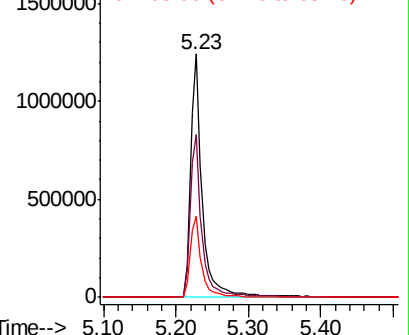
63 33.2 26.2 39.4



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: 25.657 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

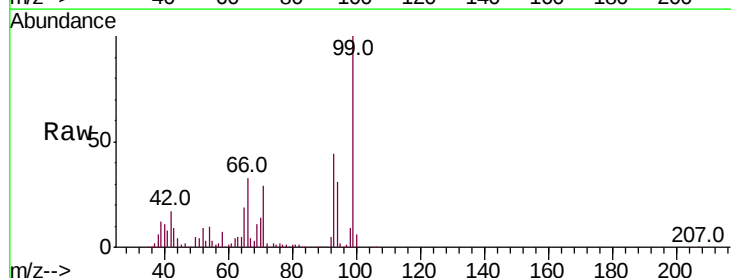
Tgt Ion: 93 Resp: 746612

Ion Ratio Lower Upper

93 100

66 73.8 56.2 84.4

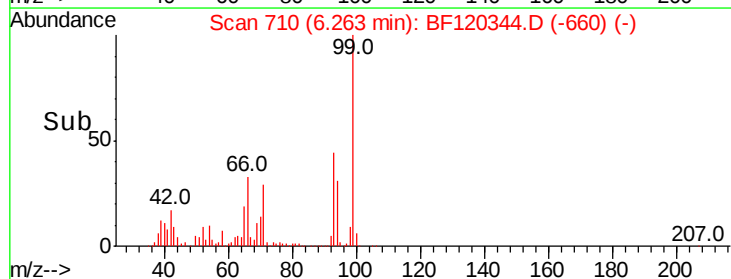
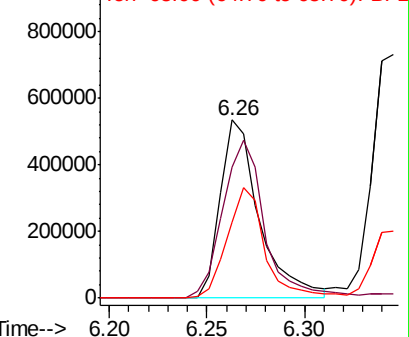
65 42.3 34.2 51.2

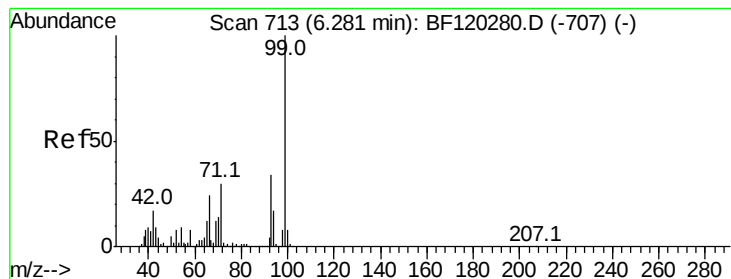


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.241 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.01 min

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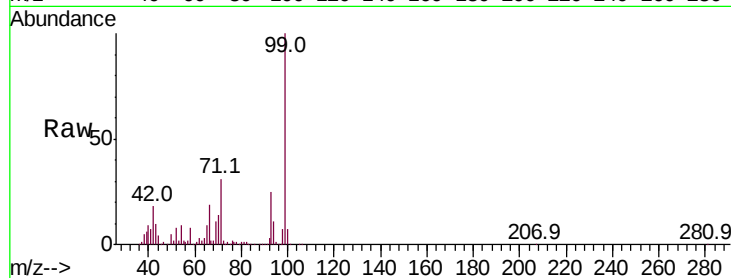
Tot Ion: 99 Resp: 1712043

Ion Ratio Lower Upper

99 100

42 18.3 13.6 20.4

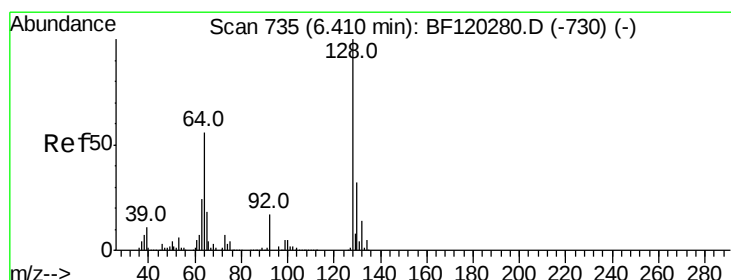
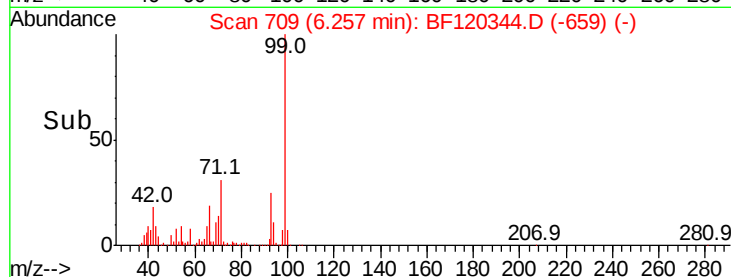
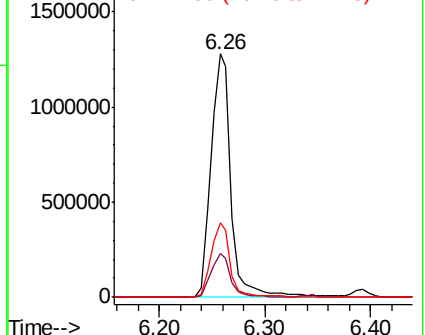
71 30.8 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.019 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

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Acq: 18 May 2020 16:23

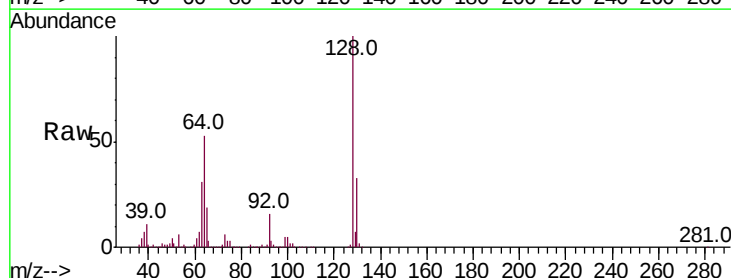
Tgt Ion: 128 Resp: 818602

Ion Ratio Lower Upper

128 100

130 33.2 12.4 52.4

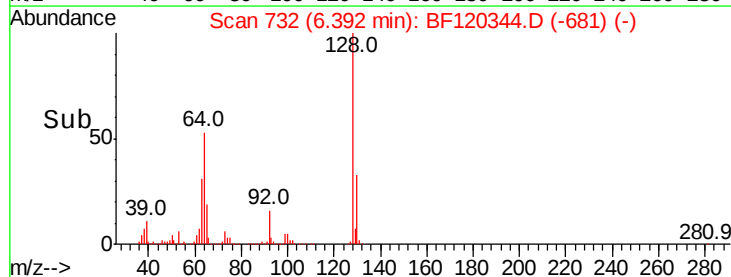
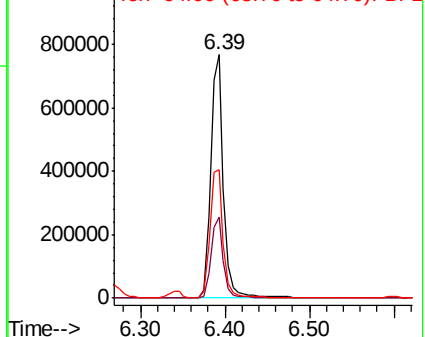
64 52.7 36.7 76.7

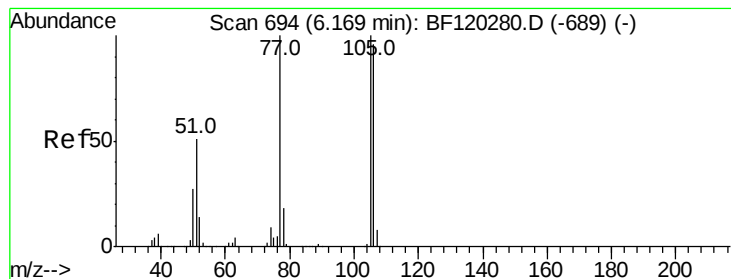


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.763 ng

RT: 6.15 min Scan# 690

Delta R.T. -0.01 min

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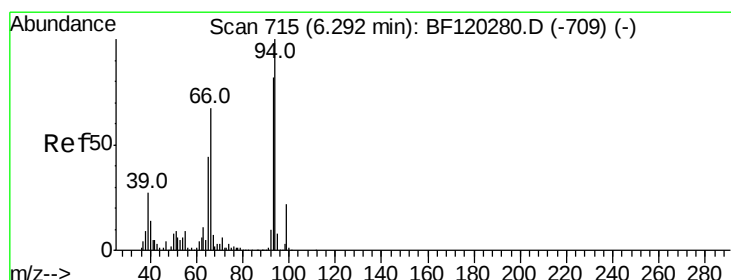
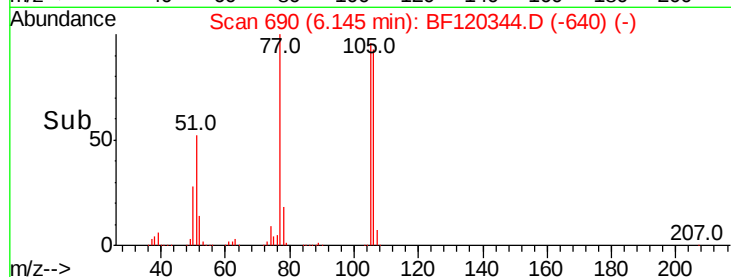
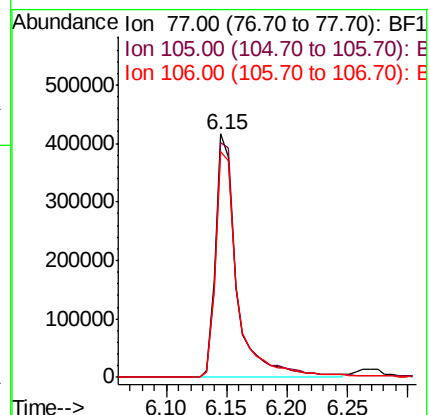
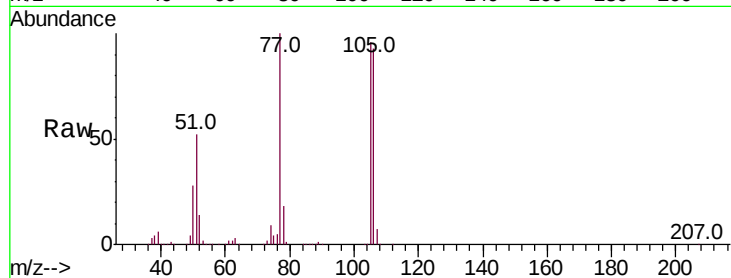
Tot Ion: 77 Resp: 501647

Ion Ratio Lower Upper

77 100

105 96.2 79.9 119.9

106 92.6 75.7 115.7



#10

Phenol

Concen: 37.536 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

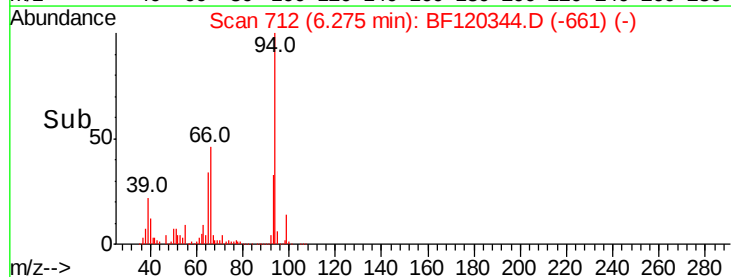
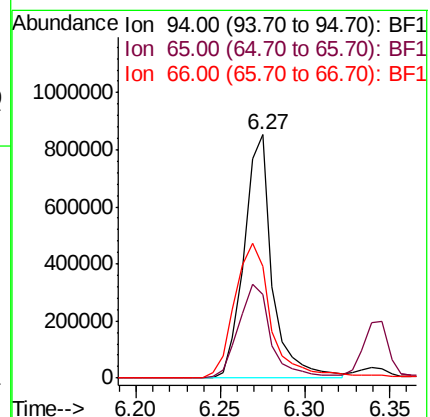
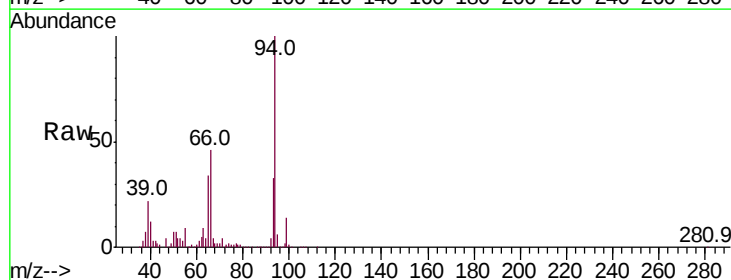
Tgt Ion: 94 Resp: 997039

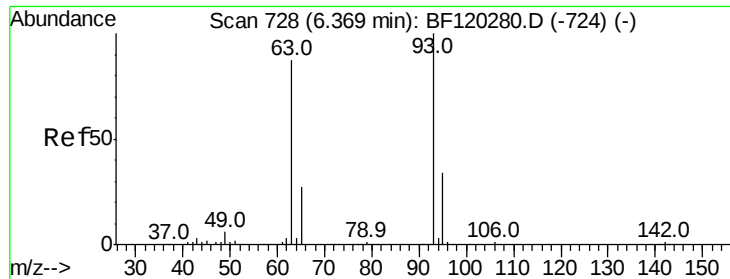
Ion Ratio Lower Upper

94 100

65 34.2 24.1 64.1

66 46.1 47.5 87.5#





#11

bis(2-Chloroethyl)ether

Concen: 35.909 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB128942BSD

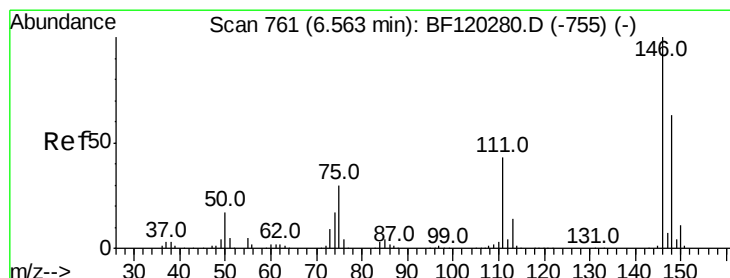
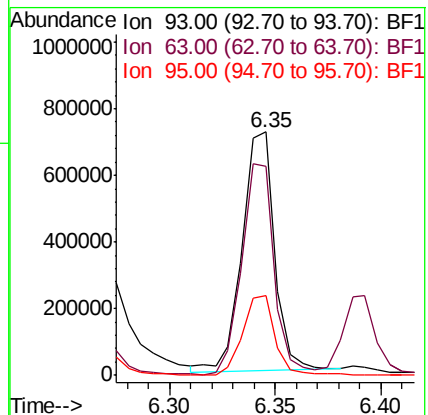
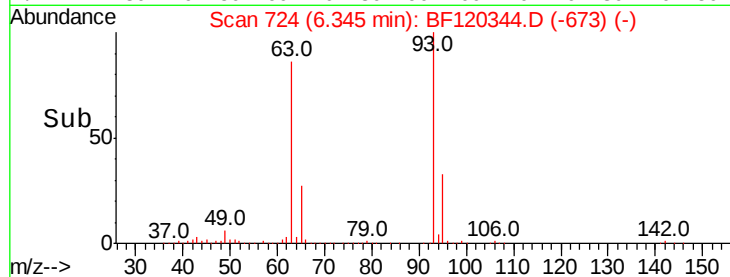
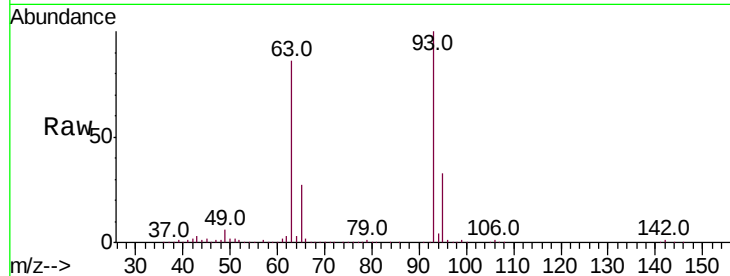
Tot Ion: 93 Resp: 761906

Ion Ratio Lower Upper

93 100

63 86.1 65.4 105.4

95 32.7 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 36.967 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

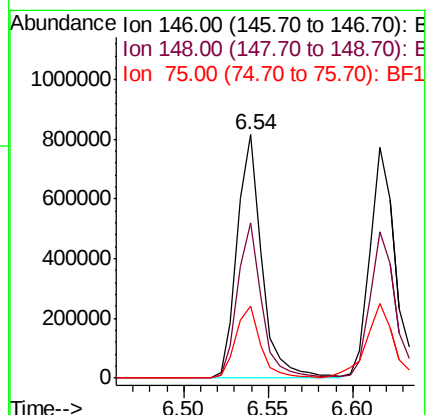
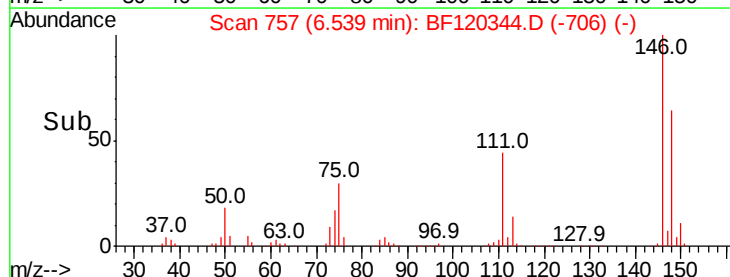
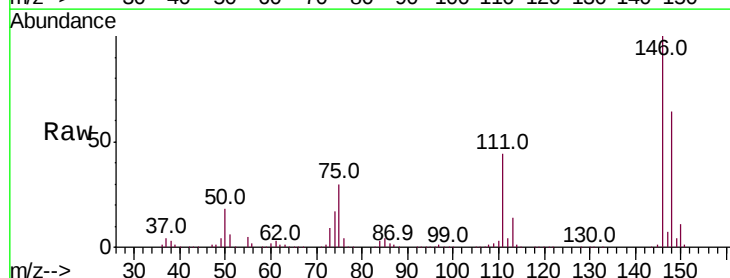
Tgt Ion: 146 Resp: 829879

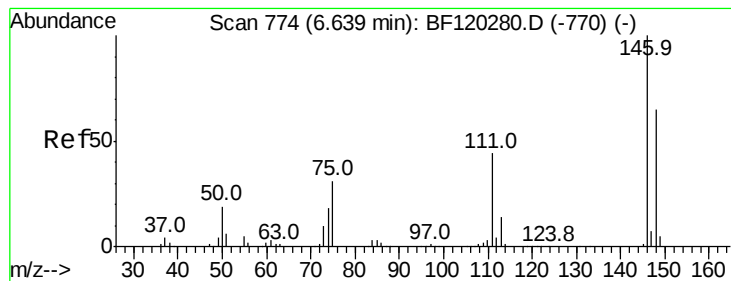
Ion Ratio Lower Upper

146 100

148 63.7 50.5 75.7

75 29.8 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 37.482 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB128942BSD

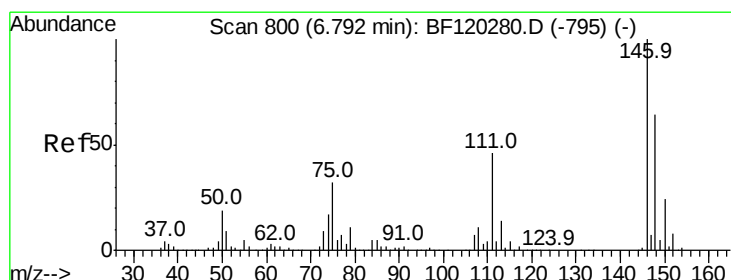
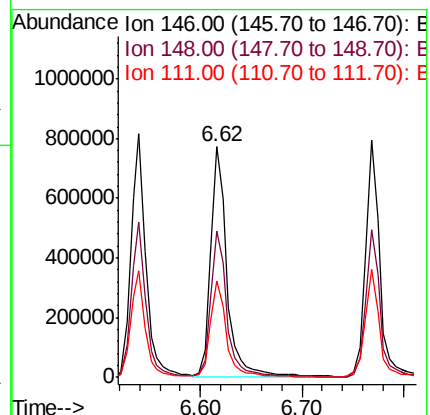
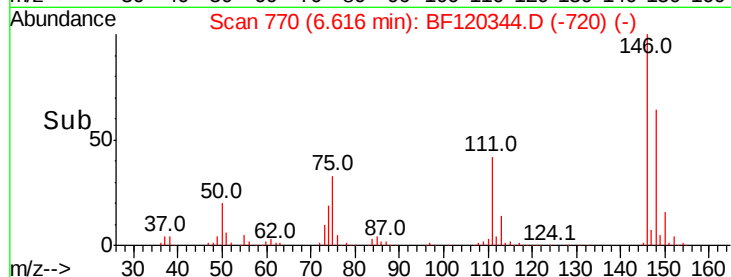
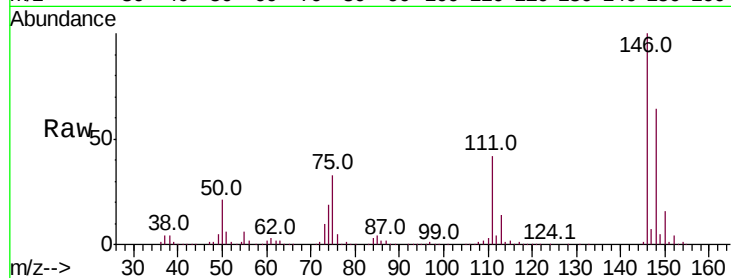
Tot Ion:146 Resp: 866643

Ion Ratio Lower Upper

146 100

148 63.6 51.6 77.4

111 42.0 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 37.027 ng

RT: 6.77 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

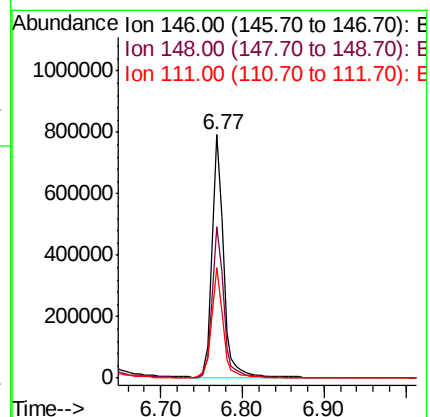
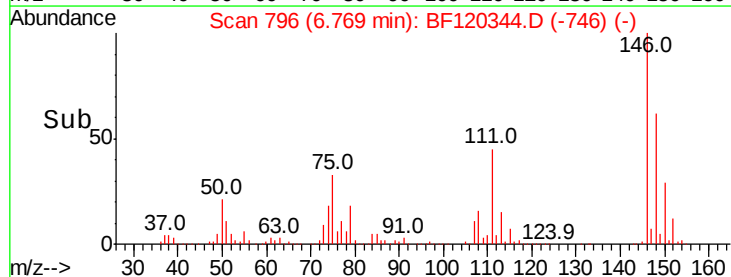
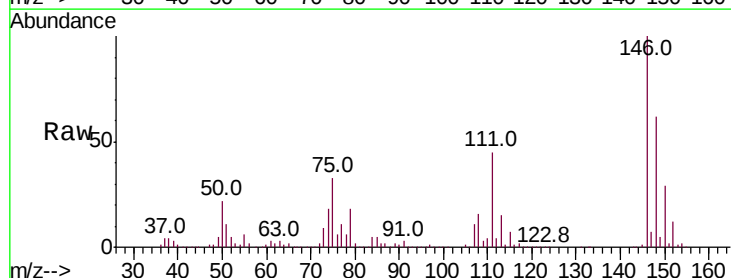
Tgt Ion:146 Resp: 770951

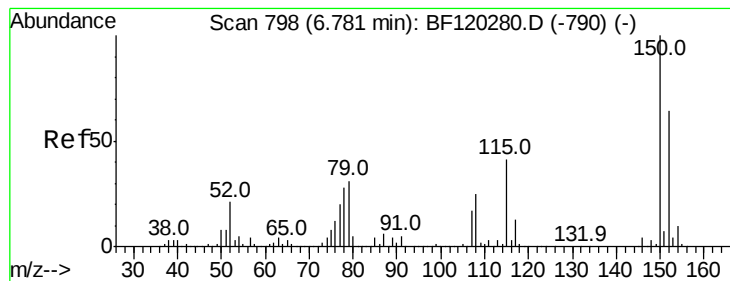
Ion Ratio Lower Upper

146 100

148 62.2 51.1 76.7

111 45.4 36.6 55.0





#15

Benzyl Alcohol

Concen: 38.834 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB128942BSD

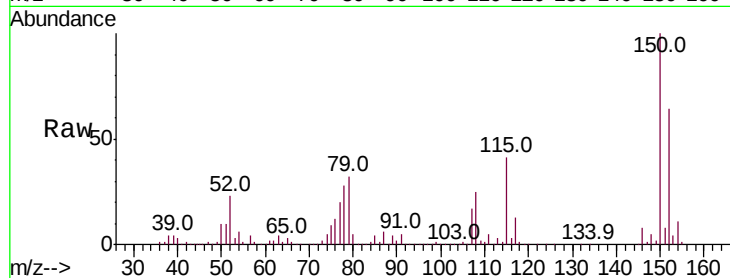
Tot Ion: 79 Resp: 627769

Ion Ratio Lower Upper

79 100

108 78.0 64.2 96.4

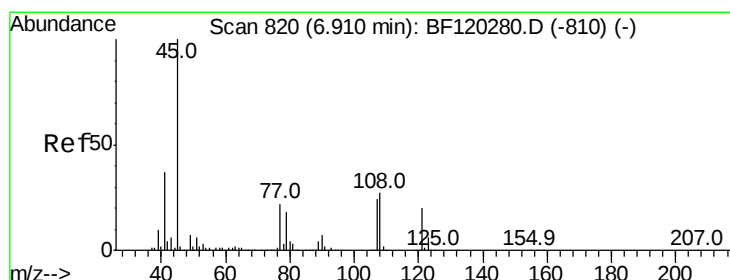
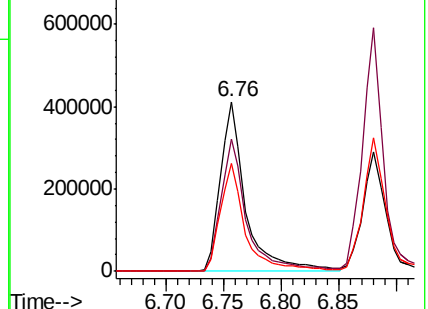
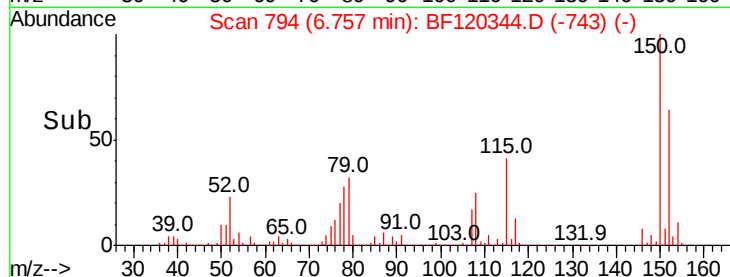
77 63.2 51.6 77.4



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: 37.870 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

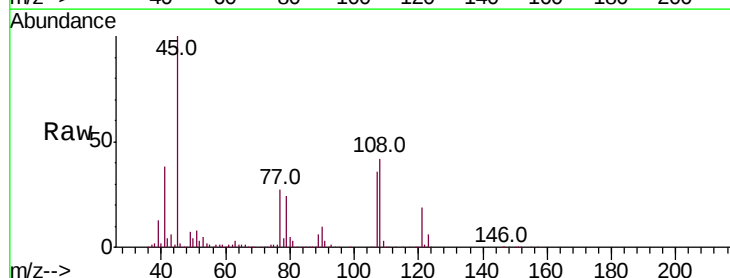
Tgt Ion: 45 Resp: 1266289

Ion Ratio Lower Upper

45 100

77 26.7 3.1 43.1

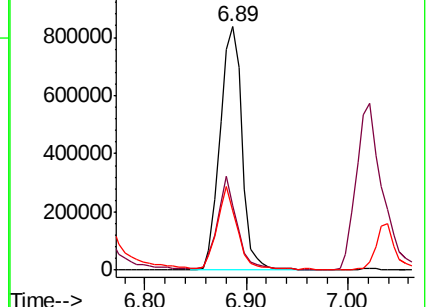
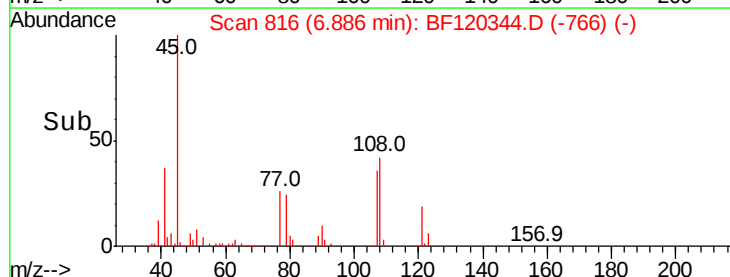
79 24.2 0.0 40.0

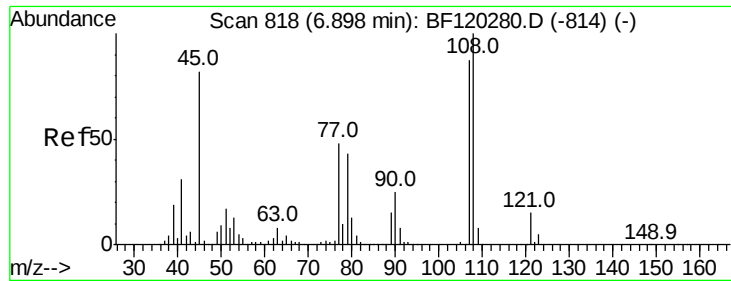


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

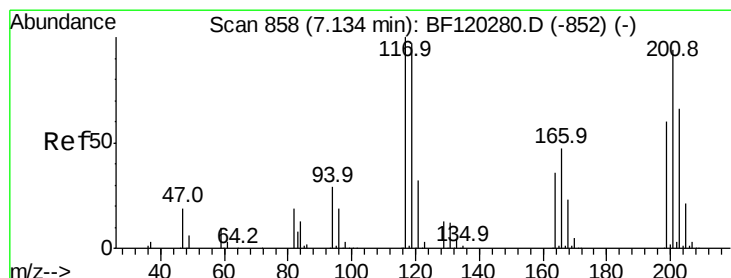
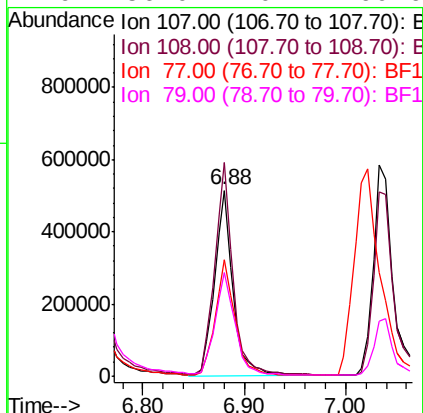
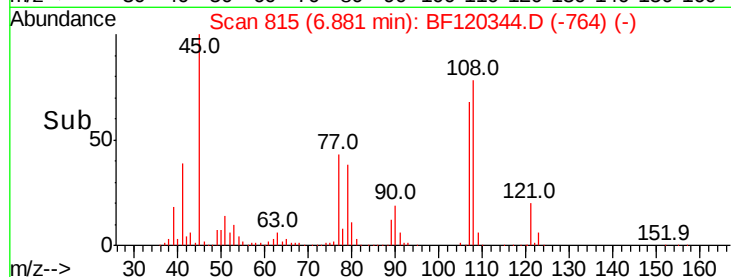
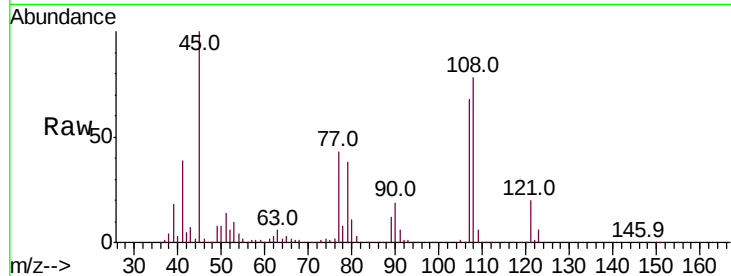




#17
2-Methylphenol
Concen: 36.666 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

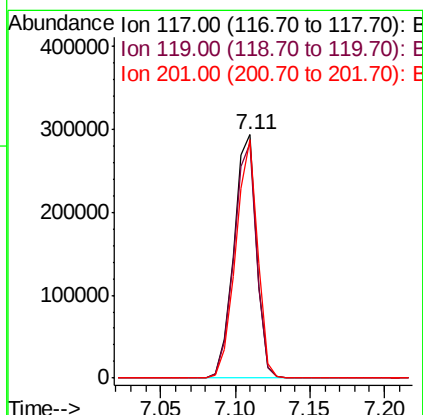
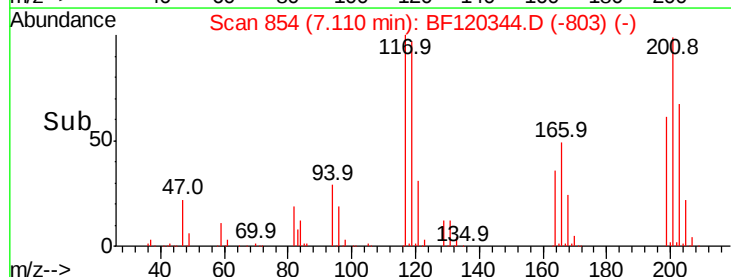
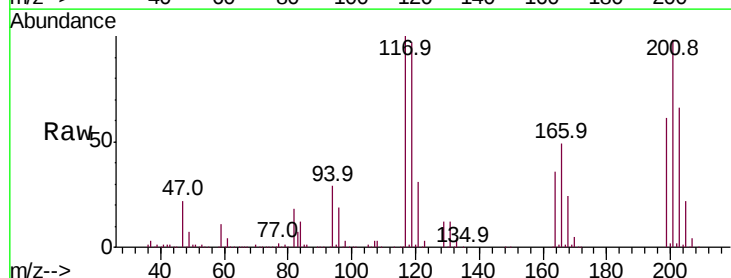
Instrument :
BNA_F
ClientSampleId :
PB128942BSD

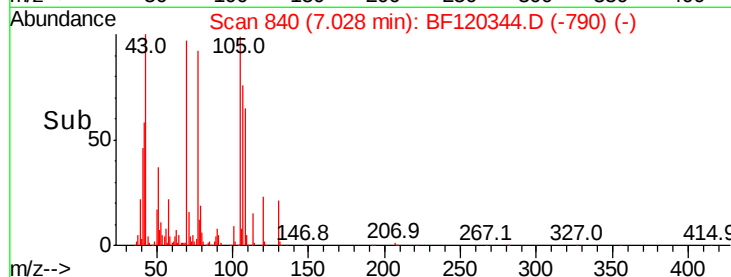
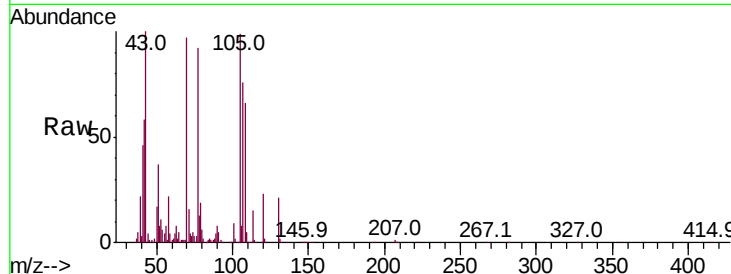
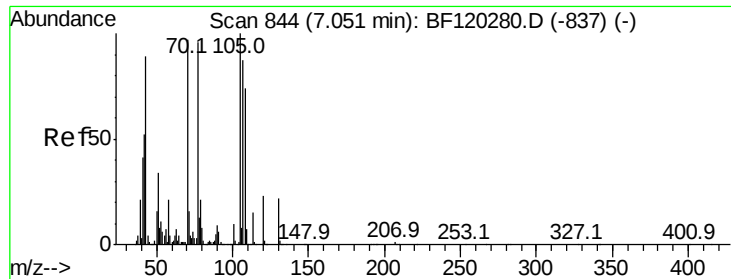
Tot Ion:107 Resp: 649370
Ion Ratio Lower Upper
107 100
108 114.7 92.4 138.6
77 62.9 44.5 66.7
79 56.0 40.4 60.6



#18
Hexachloroethane
Concen: 35.591 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Tgt Ion:117 Resp: 313494
Ion Ratio Lower Upper
117 100
119 96.5 77.4 116.0
201 97.9 74.9 112.3

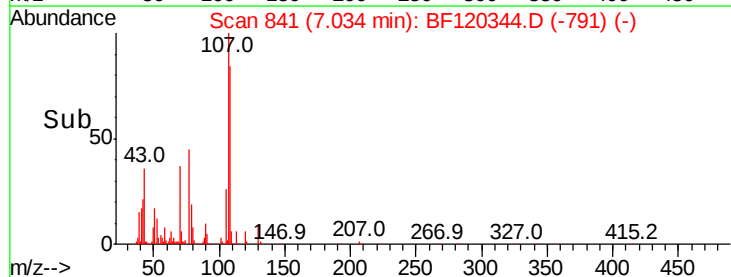
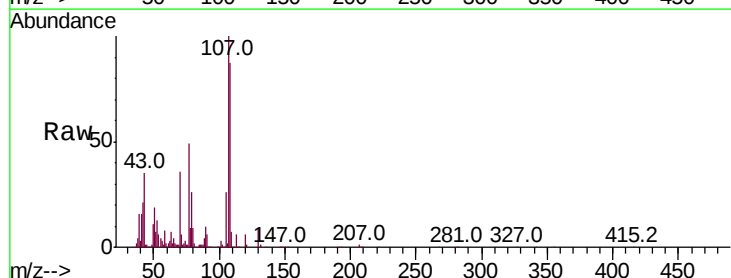
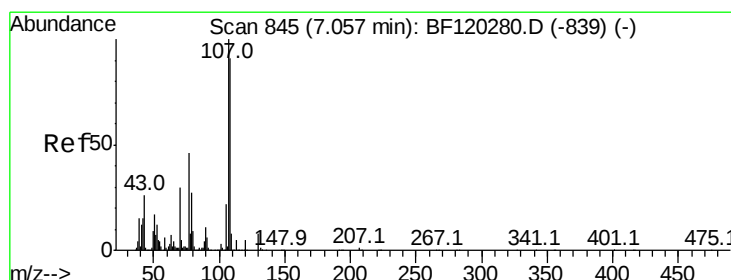
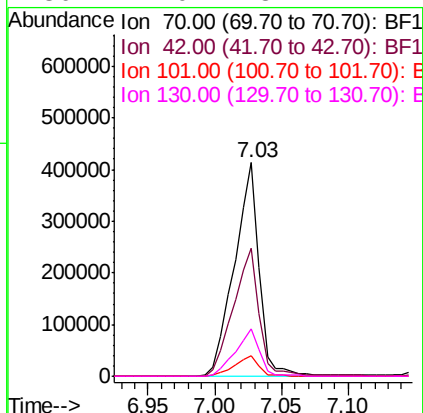




#19
n-Nitroso-di-n-propylamine
Concen: 36.223 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

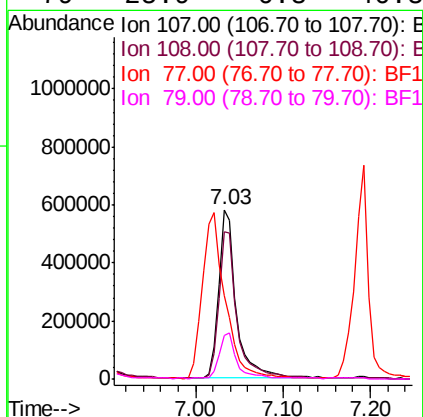
Instrument :
BNA_F
ClientSampleId :
PB128942BSD

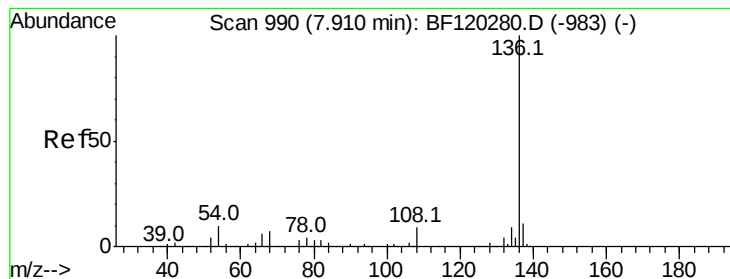
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.7	43.4	65.0	
101	9.7	7.8	11.8	
130	22.0	18.2	27.4	



#20
3+4-Methylphenols
Concen: 35.444 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.1	71.1	111.1	
77	49.1	28.1	68.1	
79	25.9	6.8	46.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB128942BSD

Tot Ion:136 Resp: 1332983

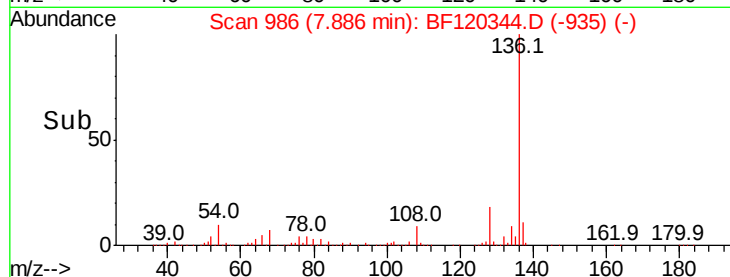
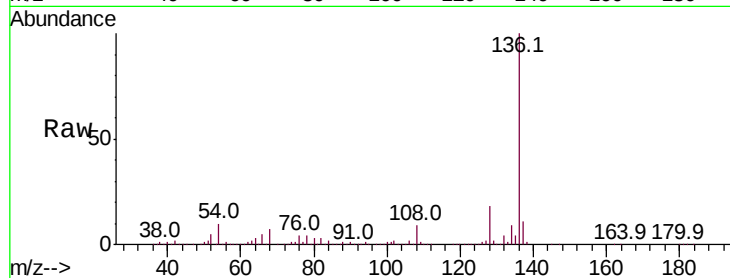
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 10.3 7.9 11.9

68 6.6 5.4 8.2

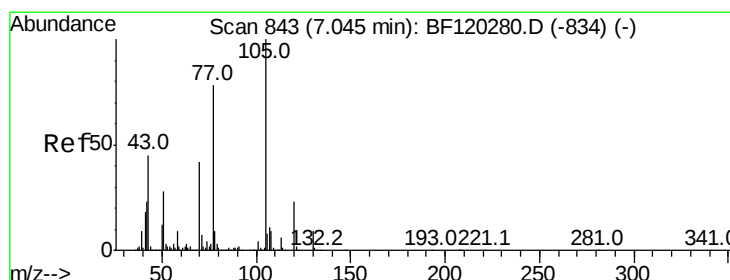
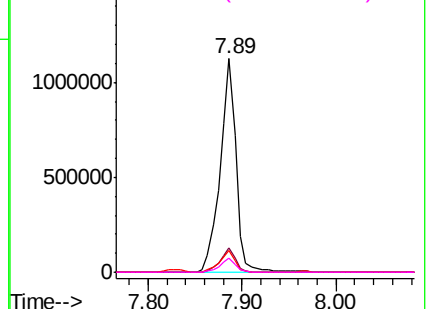


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.845 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Tgt Ion:105 Resp: 1088086

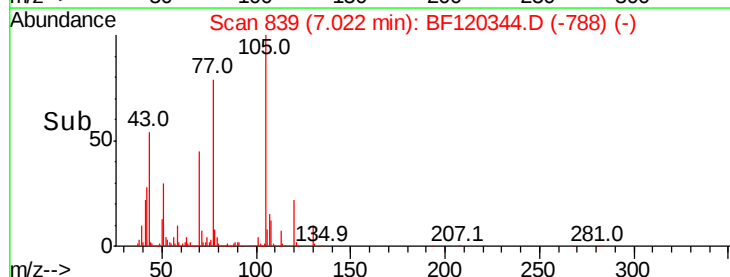
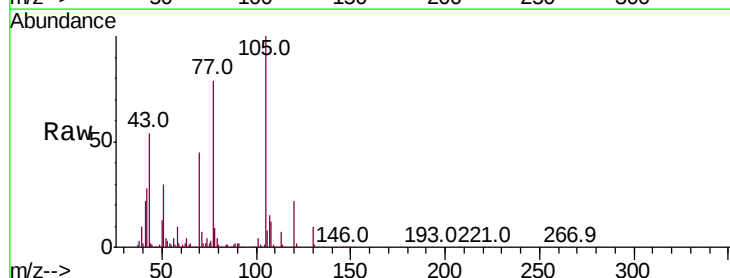
Ion Ratio Lower Upper

105 100

71 7.5 5.6 8.4

51 30.2 22.6 34.0

120 22.5 18.7 28.1

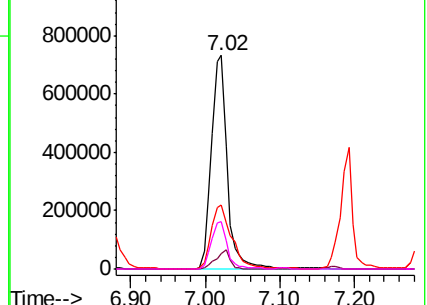


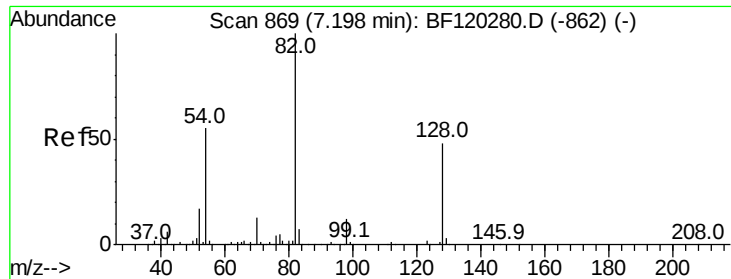
Abundance Ion 105.00 (104.70 to 105.70): E

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



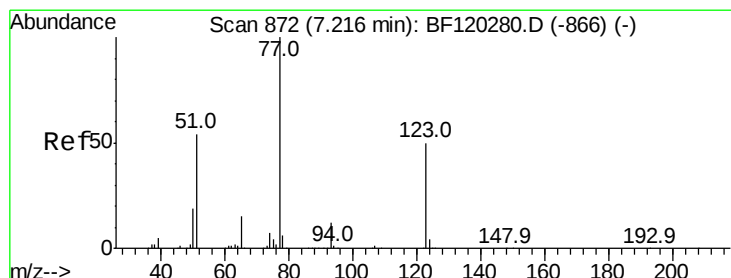
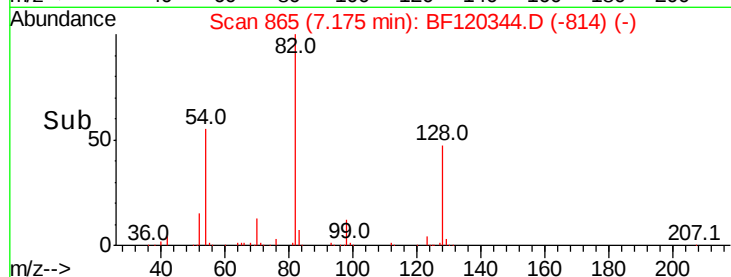
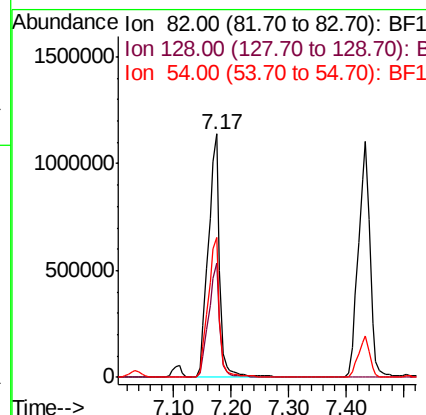
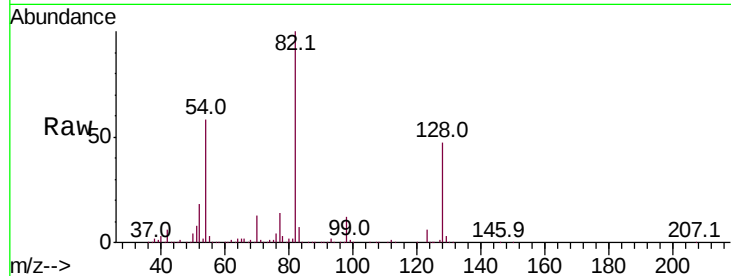


#23
 Nitrobenzene-d5
 Concen: 82.735 ng
 RT: 7.17 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF120344.D
 Acq: 18 May 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB128942BSD

Tot Ion: 82 Resp: 1610787

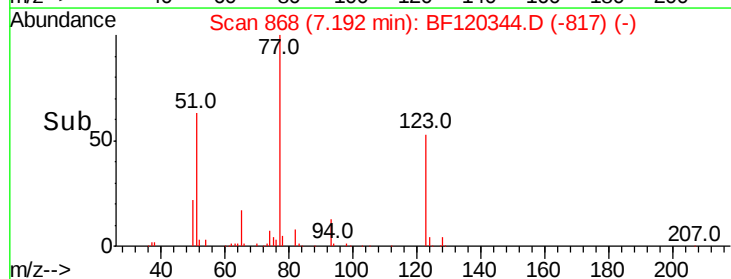
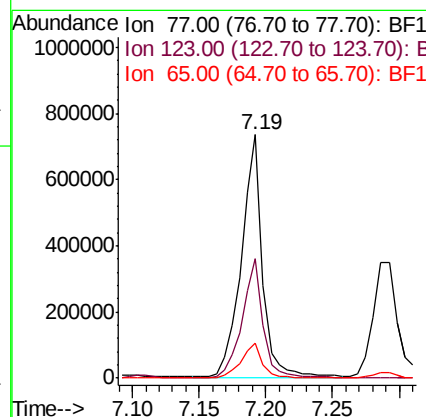
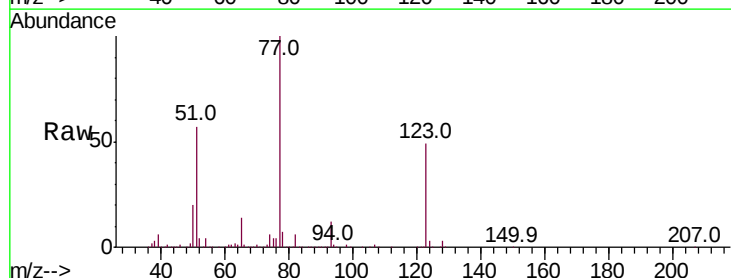
Ion	Ratio	Lower	Upper
82	100		
128	46.9	38.3	57.5
54	57.6	43.9	65.9

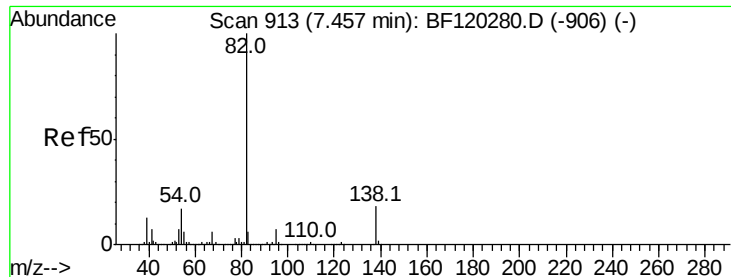


#24
 Nitrobenzene
 Concen: 38.805 ng
 RT: 7.19 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BF120344.D
 Acq: 18 May 2020 16:23

Tgt Ion: 77 Resp: 813077

Ion	Ratio	Lower	Upper
77	100		
123	49.0	40.0	60.0
65	14.5	11.7	17.5





#25

Isophorone

Concen: 37.756 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB128942BSD

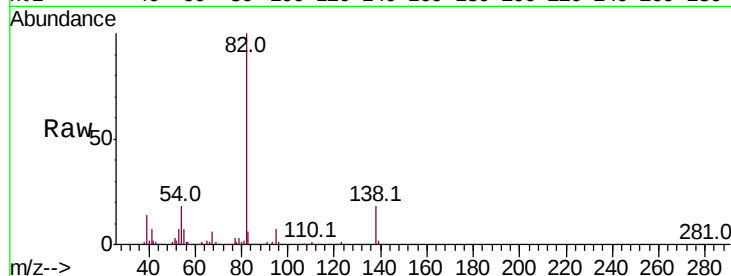
Tot Ion: 82 Resp: 1529468

Ion Ratio Lower Upper

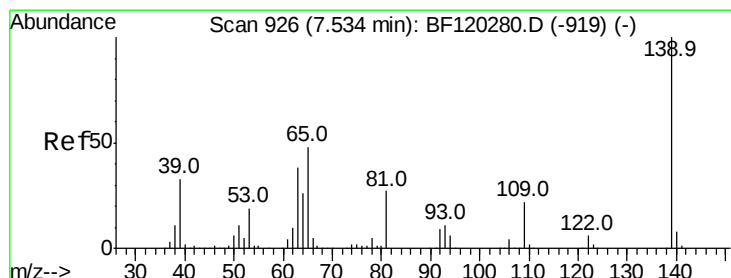
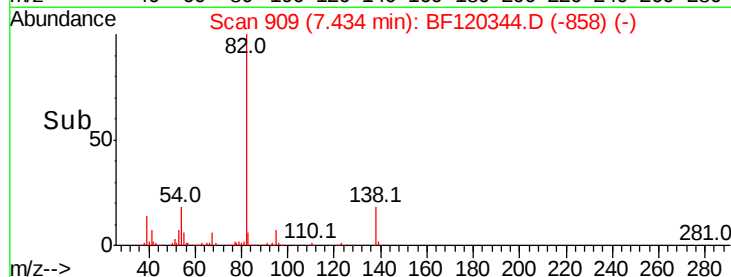
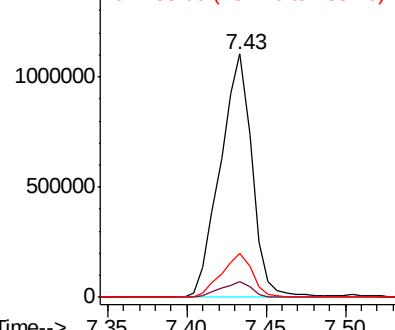
82 100

95 6.6 5.4 8.0

138 18.1 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.979 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

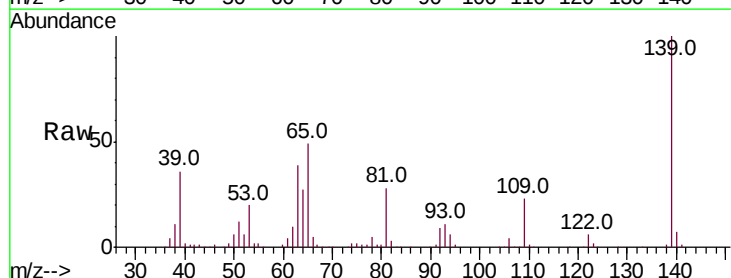
Tgt Ion: 139 Resp: 449061

Ion Ratio Lower Upper

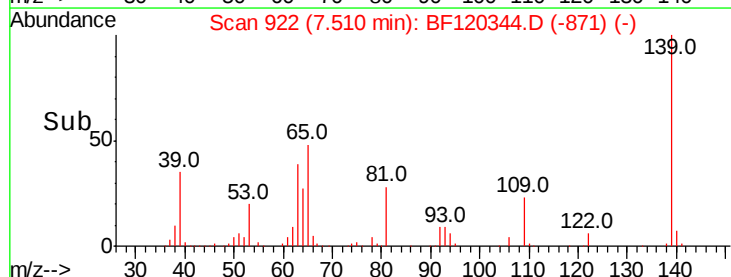
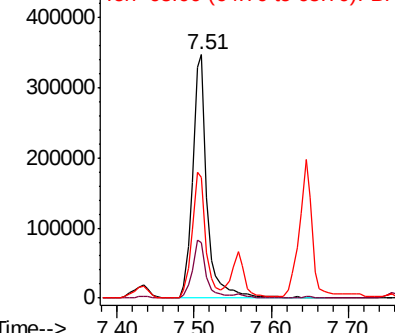
139 100

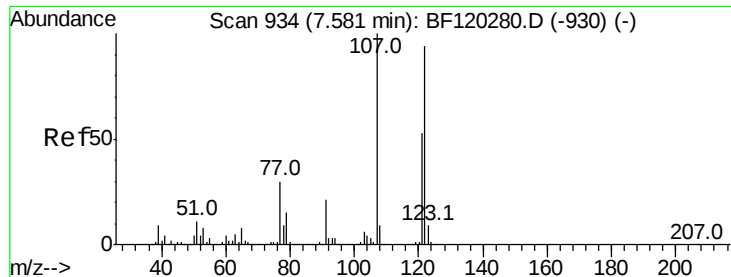
109 22.7 17.7 26.5

65 49.5 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

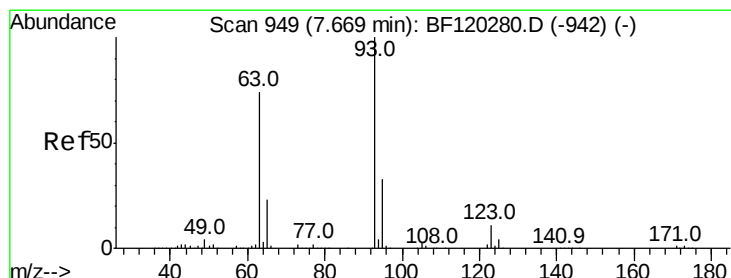
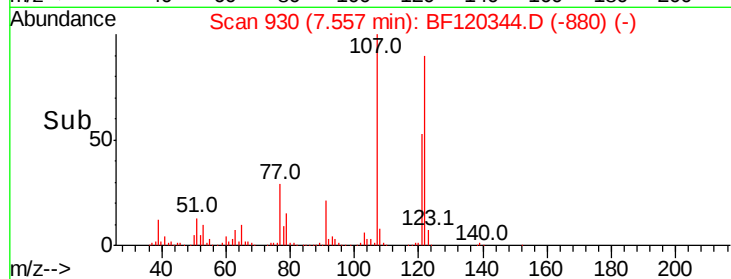
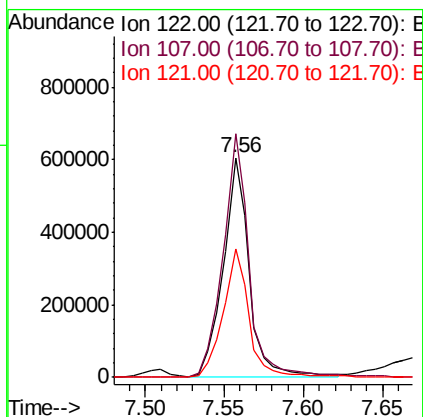
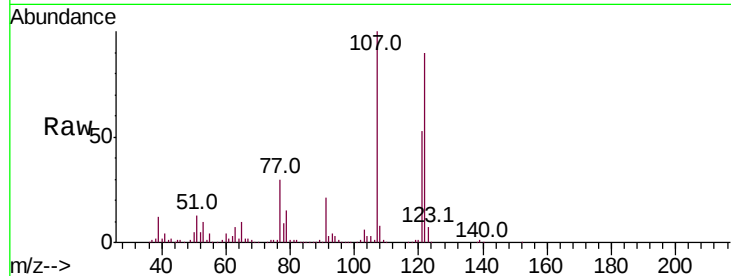




#27
2,4-Dimethylphenol
Concen: 42.848 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

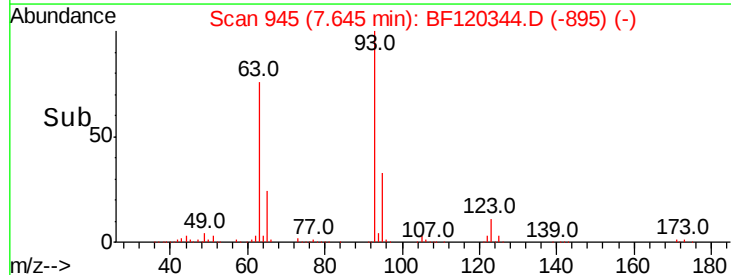
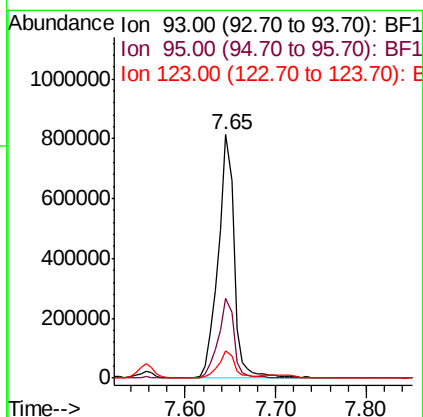
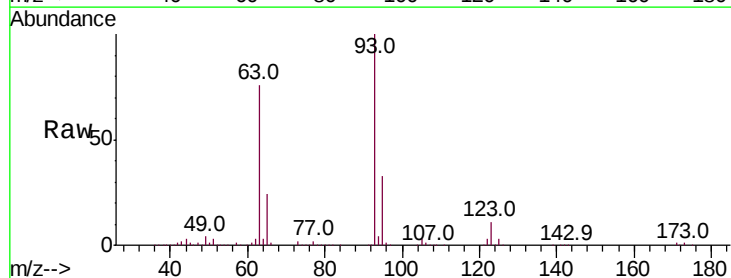
Instrument :
BNA_F
ClientSampleId :
PB128942BSD

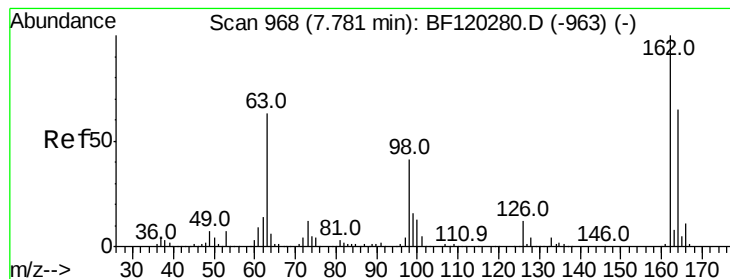
Tot Ion:122 Resp: 683035
Ion Ratio Lower Upper
122 100
107 111.0 85.0 127.6
121 58.5 45.1 67.7



#28
bis(2-Chloroethoxy)methane
Concen: 38.691 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Tgt Ion: 93 Resp: 985158
Ion Ratio Lower Upper
93 100
95 32.7 26.8 40.2
123 11.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 38.849 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB128942BSD

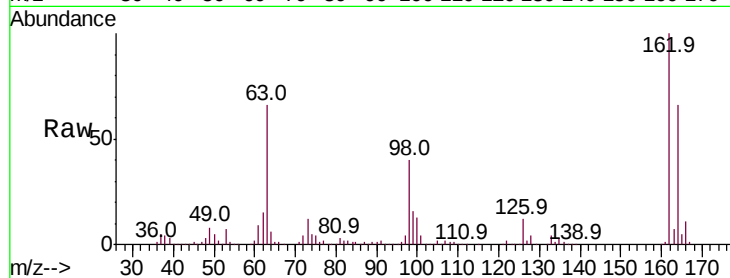
Tot Ion:162 Resp: 636037

Ion Ratio Lower Upper

162 100

164 66.0 44.9 84.9

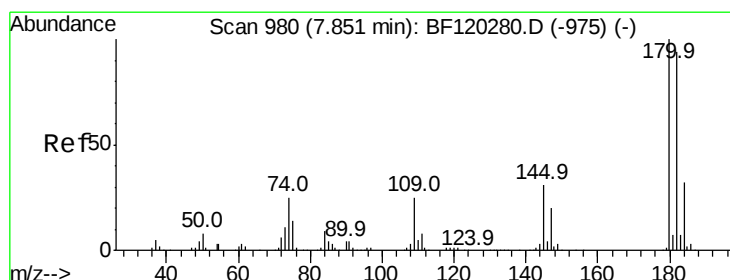
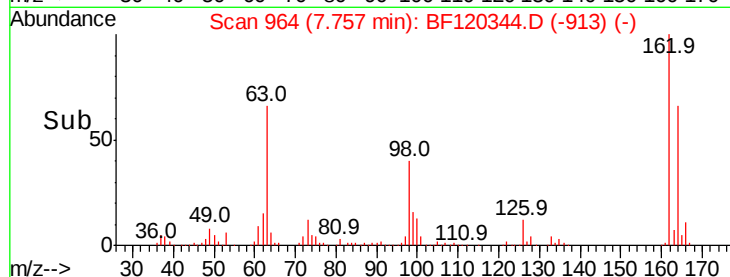
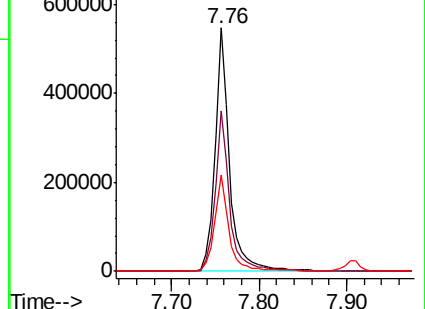
98 39.5 20.7 60.7



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: 39.999 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

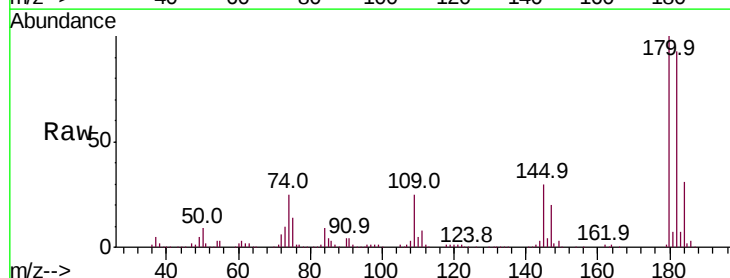
Tgt Ion:180 Resp: 725678

Ion Ratio Lower Upper

180 100

182 93.3 75.3 112.9

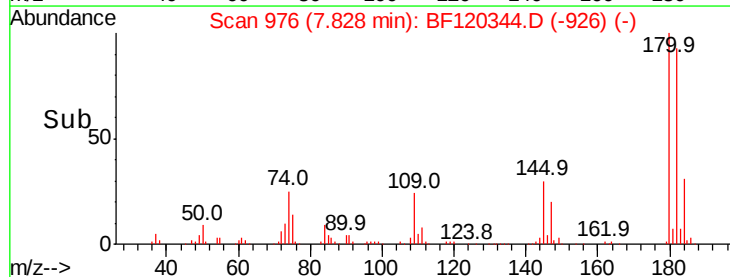
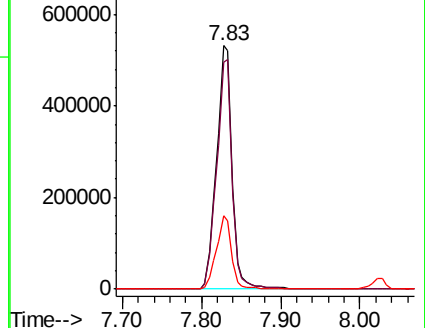
145 30.2 24.9 37.3

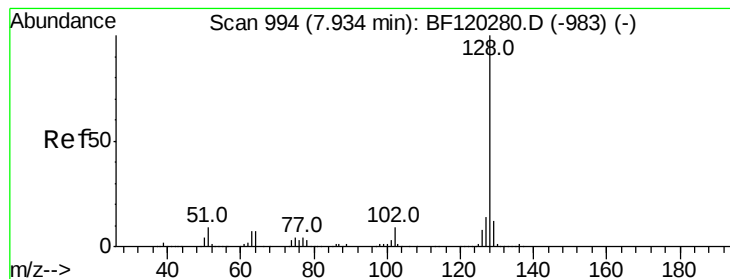


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.848 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB128942BSD

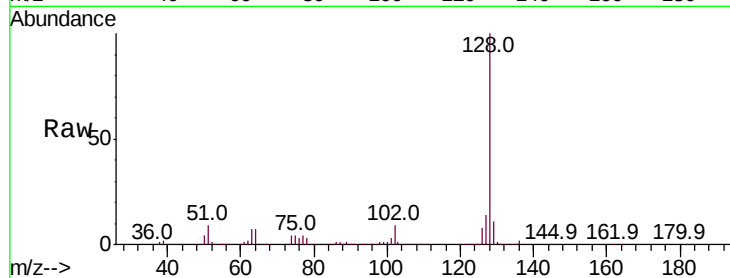
Tot Ion:128 Resp: 2298038

Ion Ratio Lower Upper

128 100

129 11.2 9.3 13.9

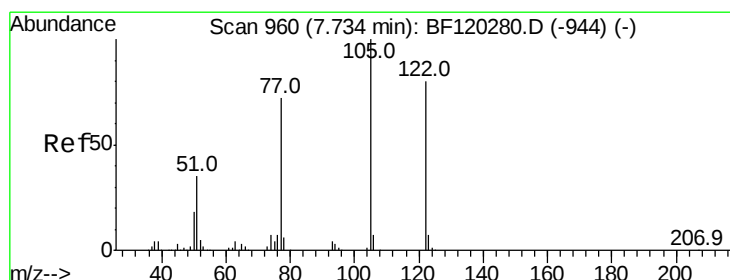
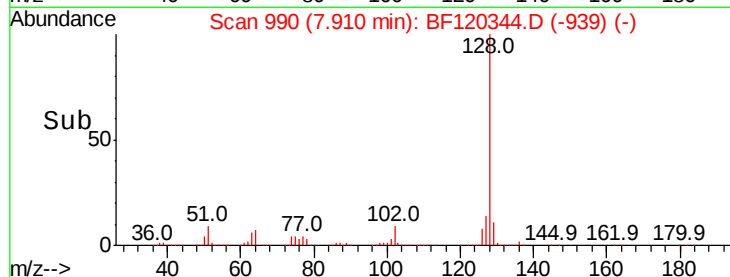
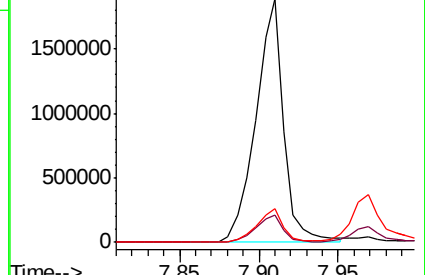
127 13.7 11.2 16.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.817 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

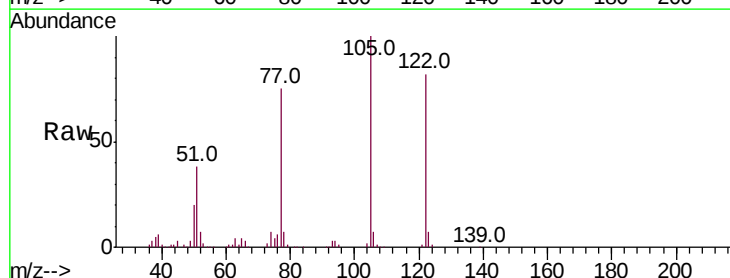
Tgt Ion:122 Resp: 384695

Ion Ratio Lower Upper

122 100

105 121.2 98.1 138.1

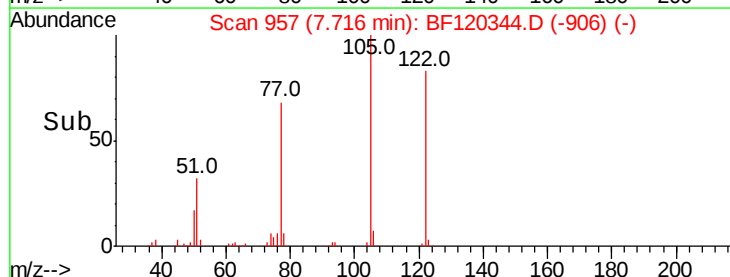
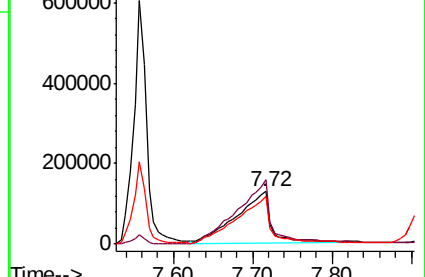
77 91.3 66.7 106.7

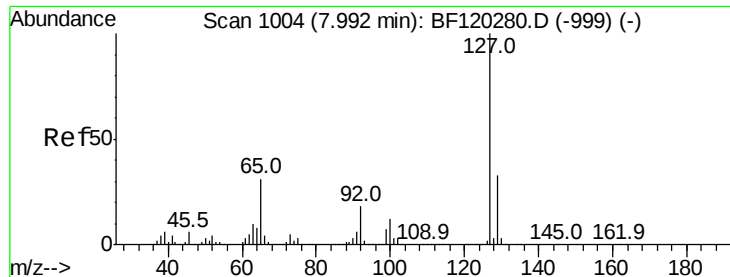


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

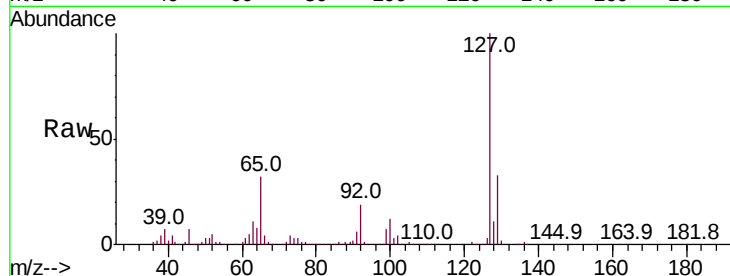




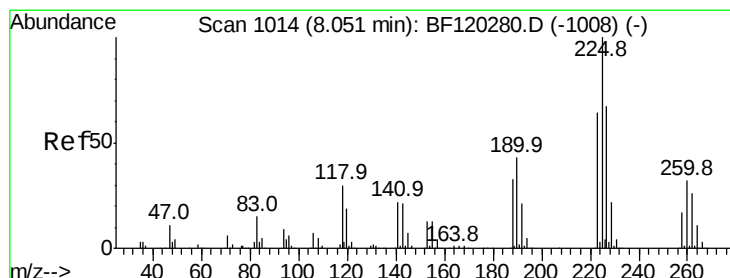
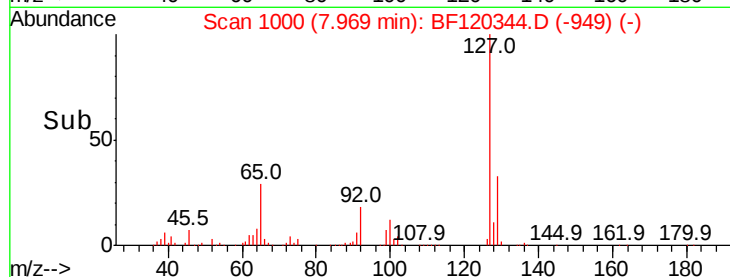
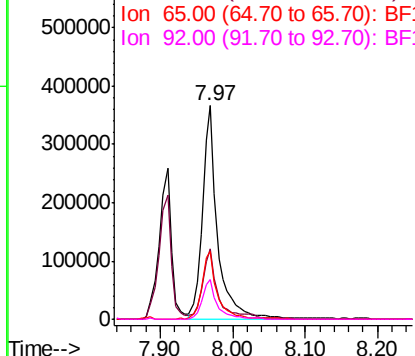
#33
4-Chloroaniline
Concen: 20.648 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB128942BSD

Tot Ion:	127	Resp:	529372
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.4	39.6
65	31.8	24.8	37.2
92	18.5	14.5	21.7

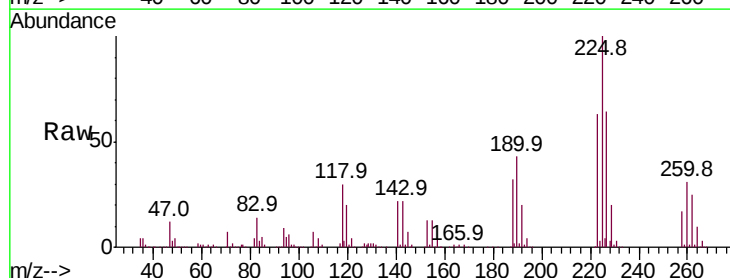


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

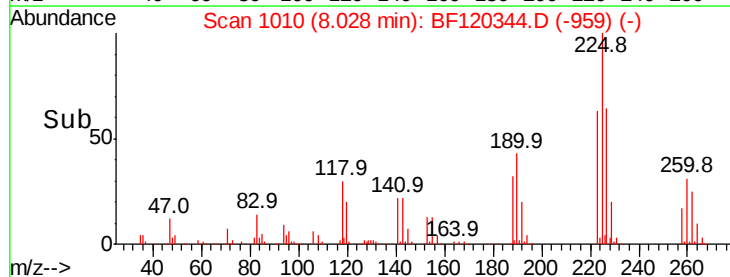
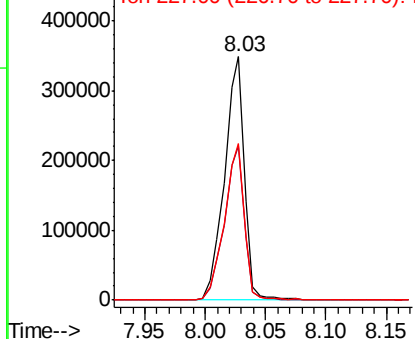


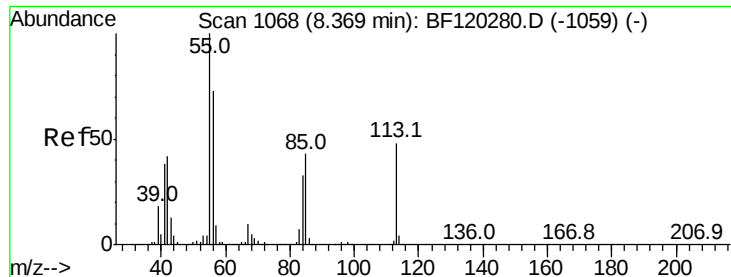
#34
Hexachlorobutadiene
Concen: 37.888 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Tgt Ion:	225	Resp:	397306
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.4	77.0
227	64.3	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: 20.061 ng

RT: 8.35 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB128942BSD

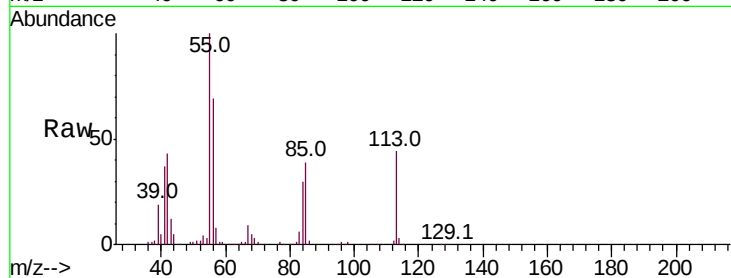
Tot Ion:113 Resp: 107452

Ion Ratio Lower Upper

113 100

55 228.7 190.4 230.4

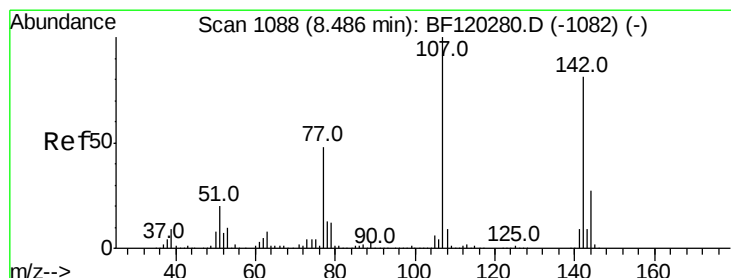
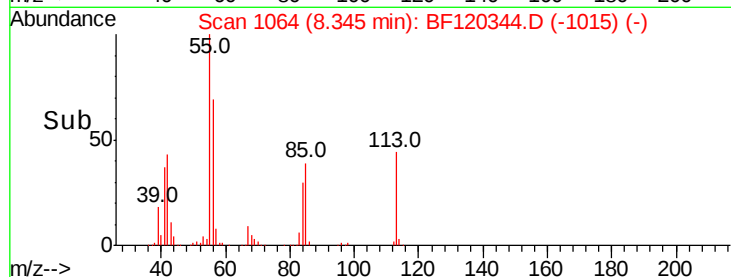
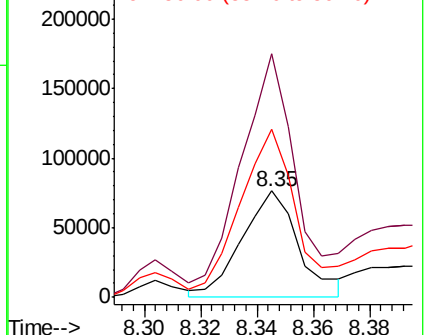
56 158.3 132.7 172.7



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



#36

4-Chloro-3-methylphenol

Concen: 37.391 ng

RT: 8.47 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

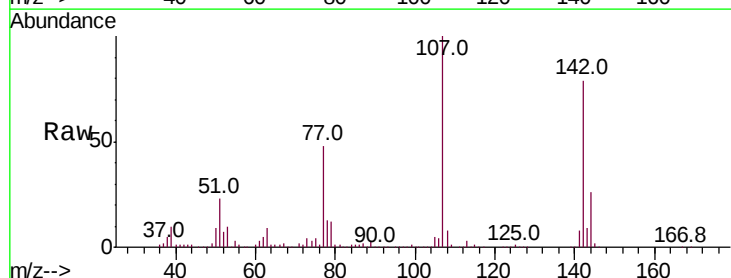
Tgt Ion:107 Resp: 662233

Ion Ratio Lower Upper

107 100

144 25.9 21.4 32.2

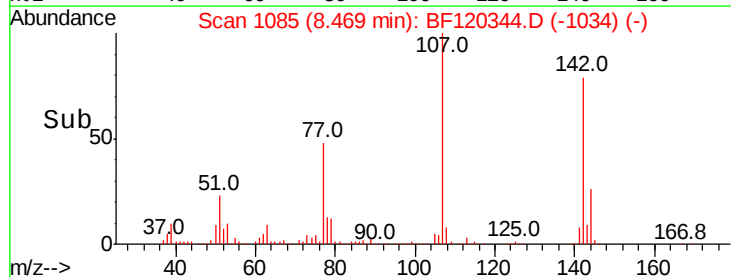
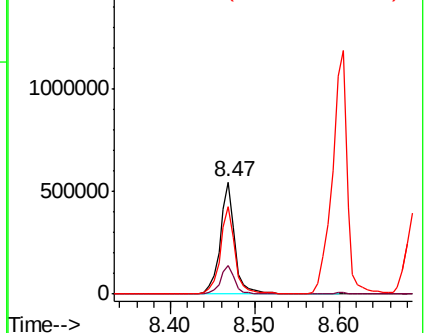
142 78.5 65.1 97.7

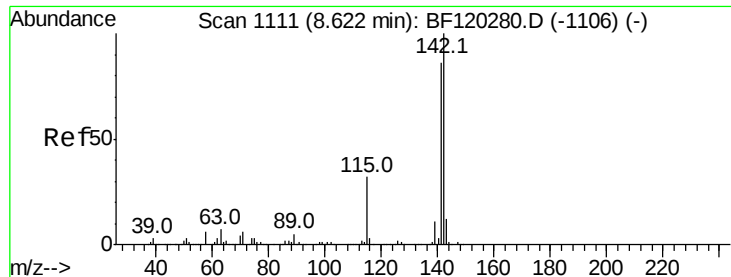


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.390 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.00 min

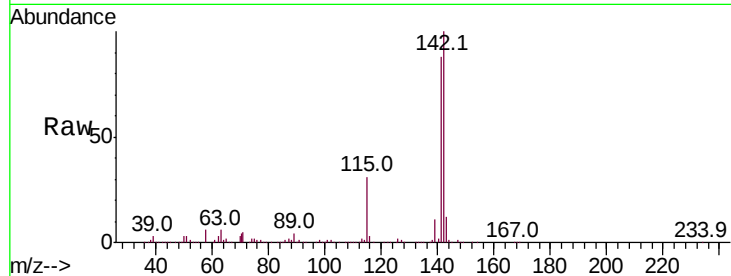
Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB128942BSD

Tot Ion:142 Resp: 1439464

Ion	Ratio	Lower	Upper
142	100		
141	88.1	68.8	103.2
115	31.4	25.7	38.5

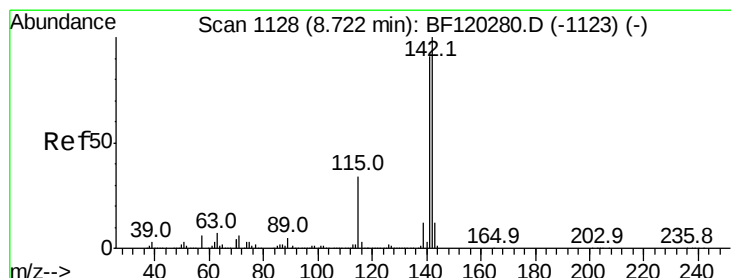
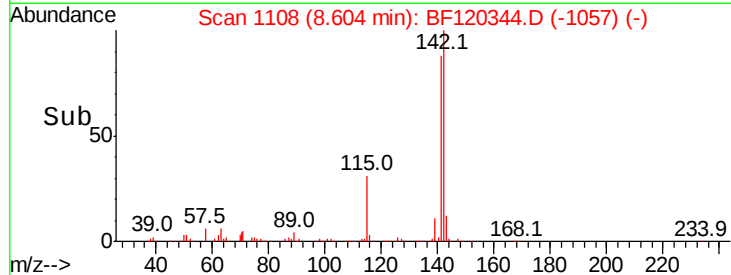
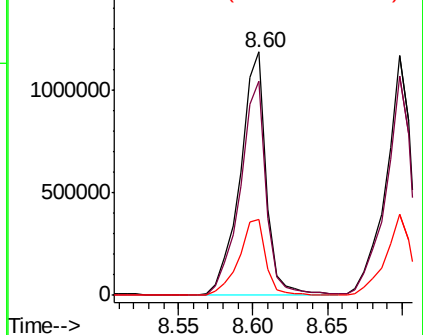


Abundance

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: 36.803 ng

RT: 8.70 min Scan# 1124

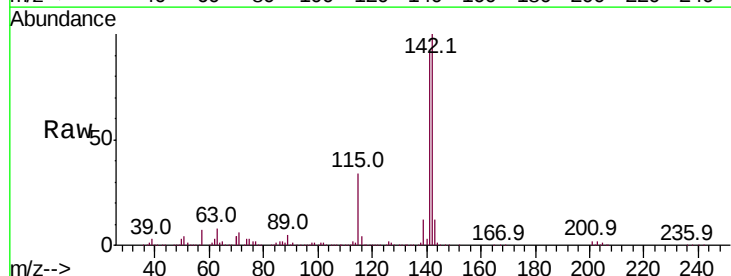
Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Tgt Ion:142 Resp: 1374194

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.0	109.6
116	3.6	2.7	4.1

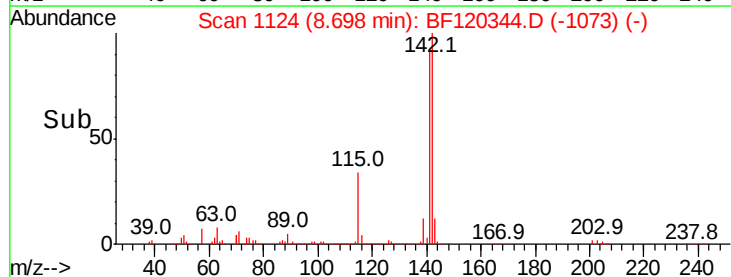
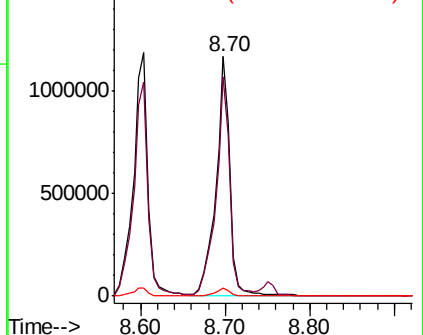


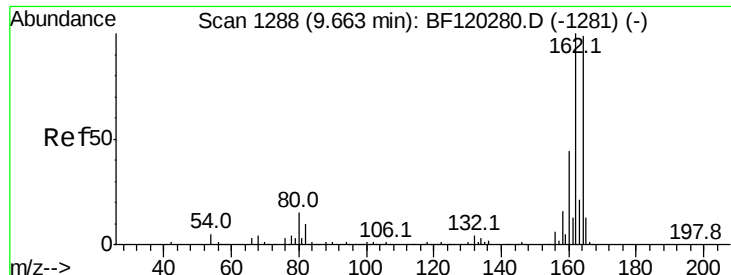
Abundance

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: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB128942BSD

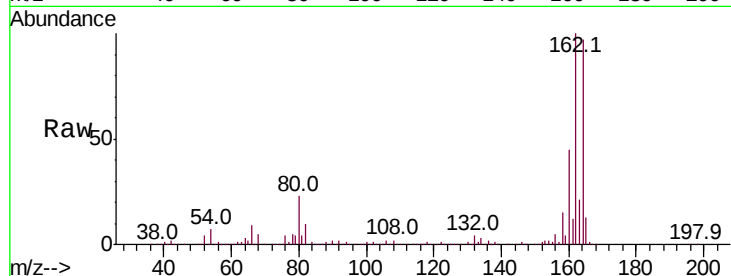
Tot Ion:164 Resp: 616843

Ion Ratio Lower Upper

164 100

162 102.7 81.2 121.8

160 45.9 35.8 53.6

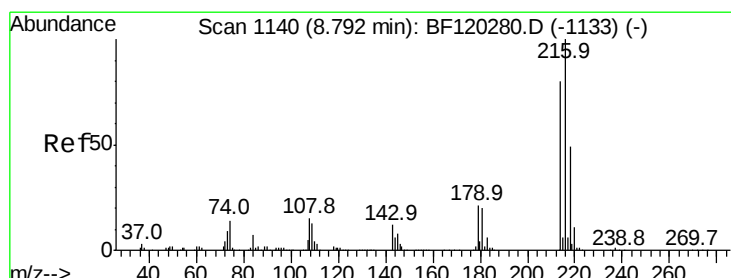
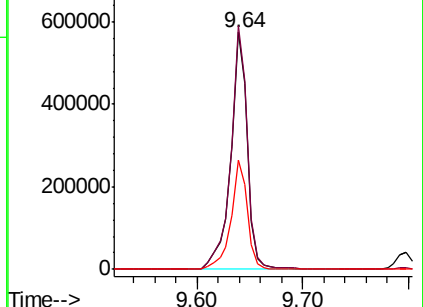
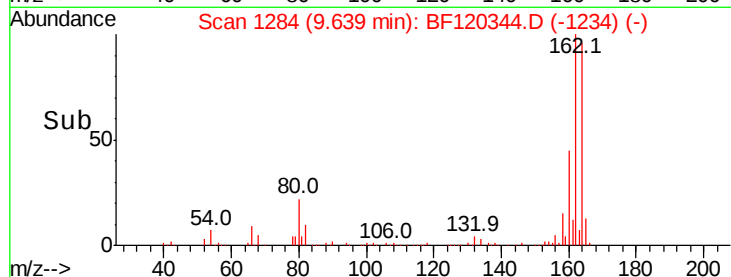


Abundance

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: 41.290 ng

RT: 8.77 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Tgt Ion:216 Resp: 642226

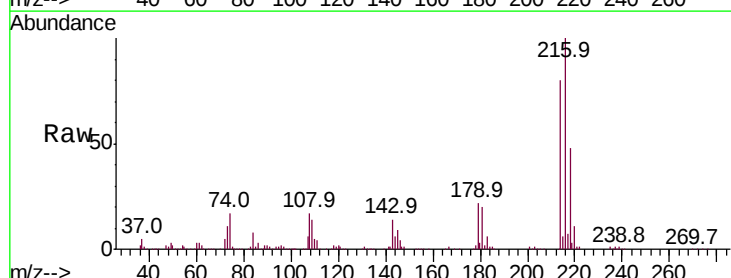
Ion Ratio Lower Upper

216 100

214 79.6 64.0 96.0

179 20.7 16.9 25.3

108 19.0 14.2 21.2



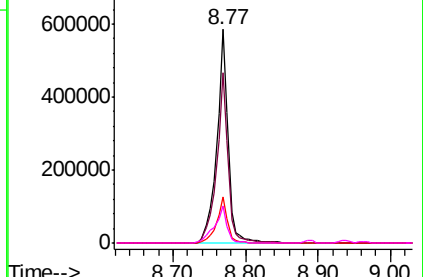
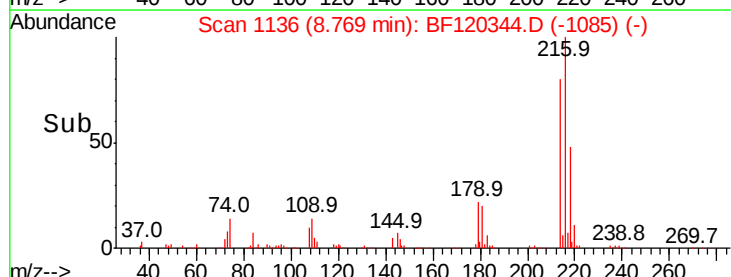
Abundance

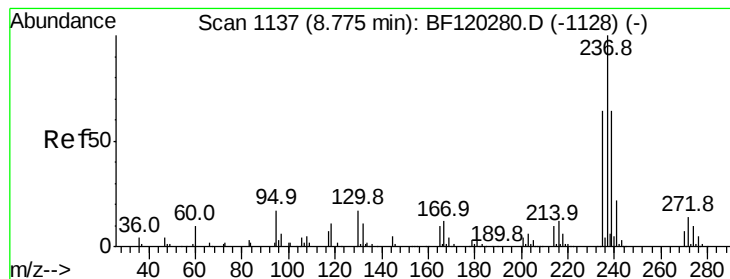
Ion 216.00 (215.70 to 216.70): E

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: 84.353 ng

RT: 8.75 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB128942BSD

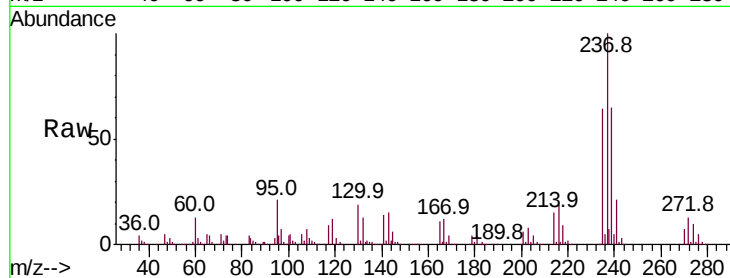
Tot Ion:237 Resp: 543740

Ion Ratio Lower Upper

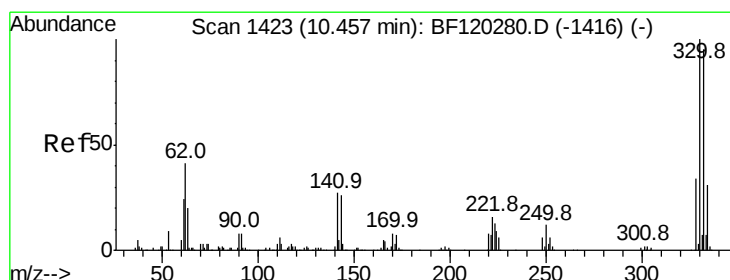
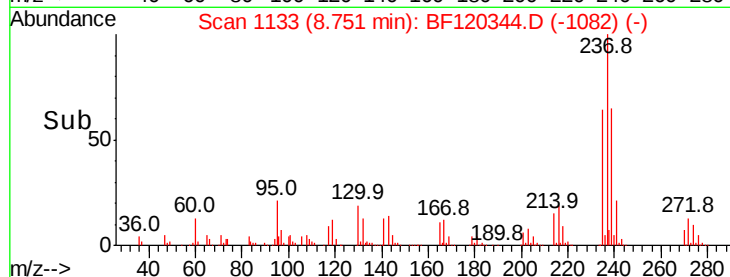
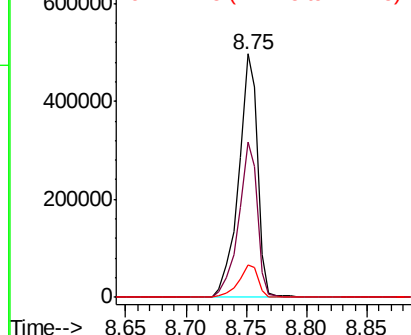
237 100

235 64.0 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: 77.298 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

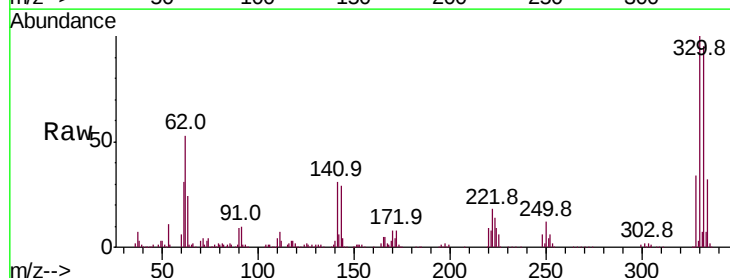
Tgt Ion:330 Resp: 388763

Ion Ratio Lower Upper

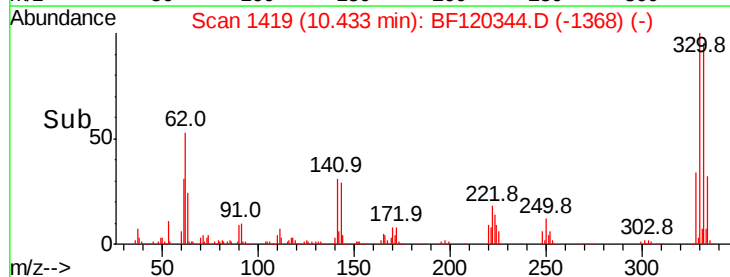
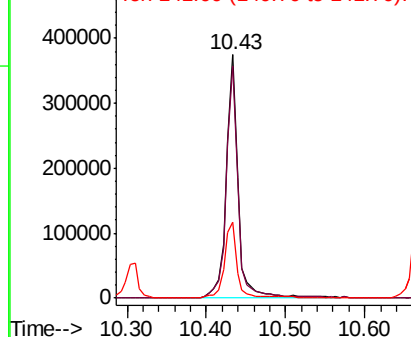
330 100

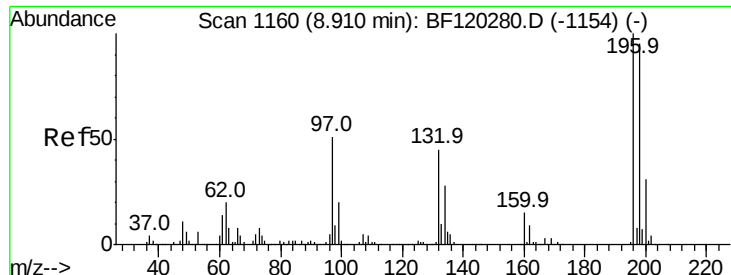
332 96.9 76.5 114.7

141 32.3 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

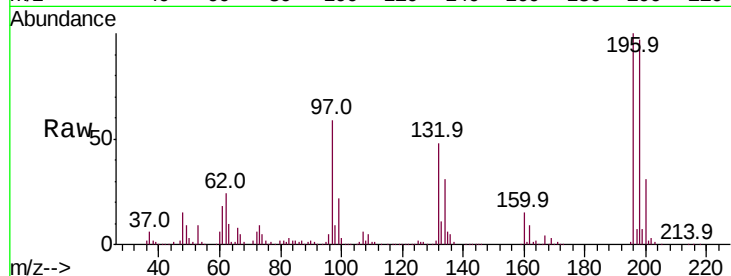




#43
 2,4,6-Trichlorophenol
 Concen: 39.328 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BF120344.D
 Acq: 18 May 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB128942BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.8	76.2	114.4
200	31.4	24.9	37.3

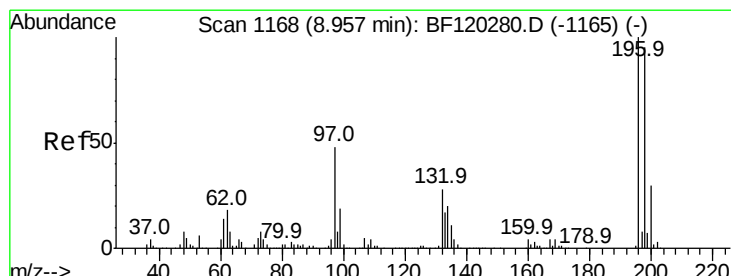
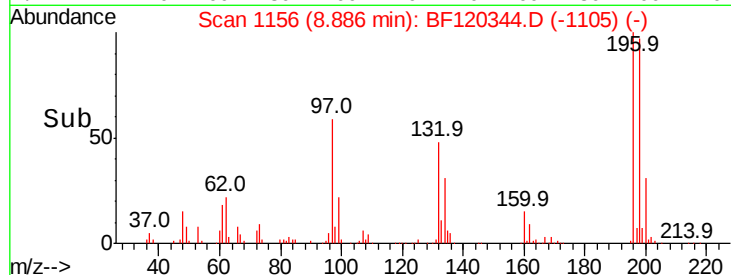
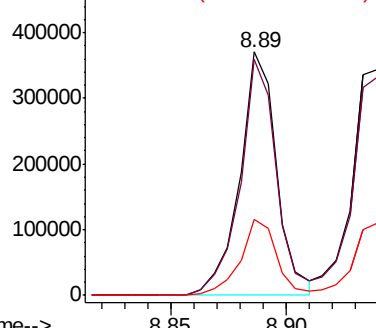


Abundance

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: 37.250 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF120344.D
 Acq: 18 May 2020 16:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.2	114.4
97	46.3	38.6	57.8
132	28.3	23.2	34.8

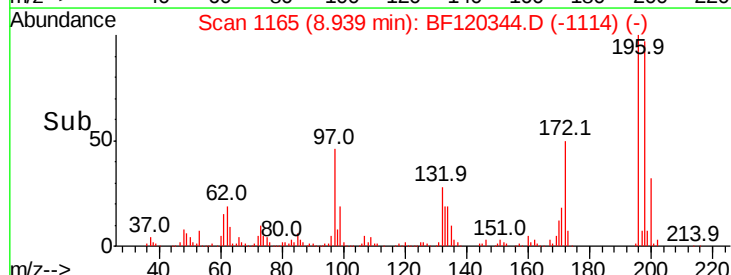
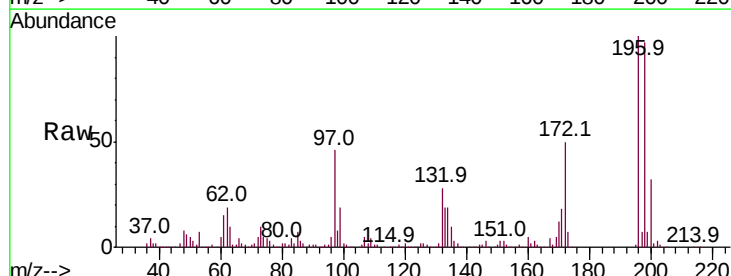
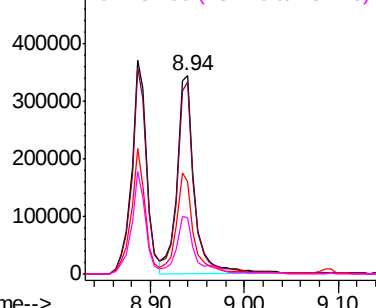
Abundance

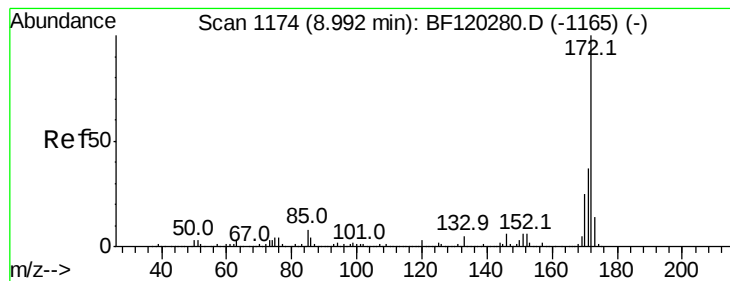
Ion 196.00 (195.70 to 196.70): E

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: 92.179 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB128942BSD

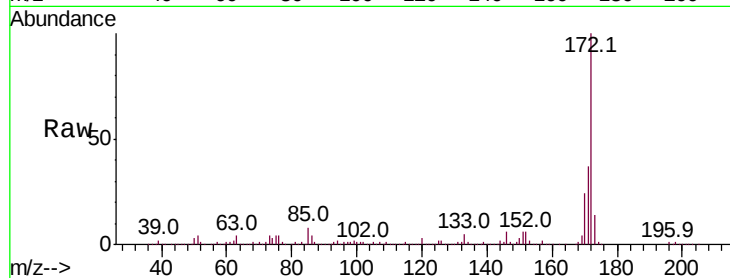
Tot Ion:172 Resp: 2767614

Ion Ratio Lower Upper

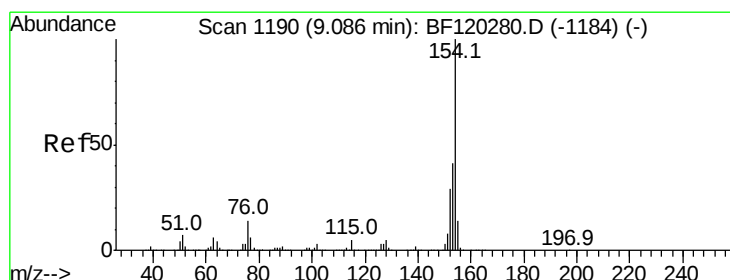
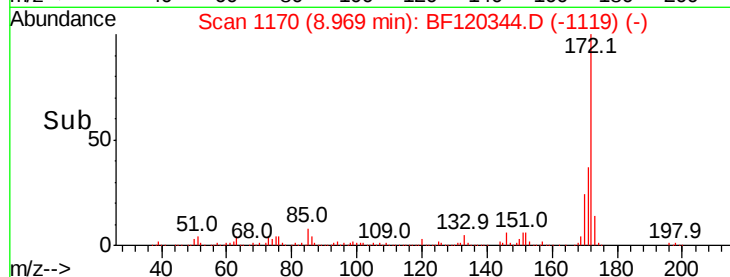
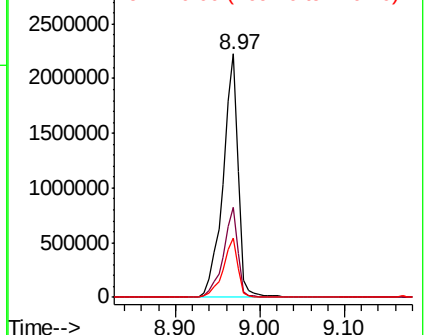
172 100

171 36.8 29.7 44.5

170 24.5 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: 42.614 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

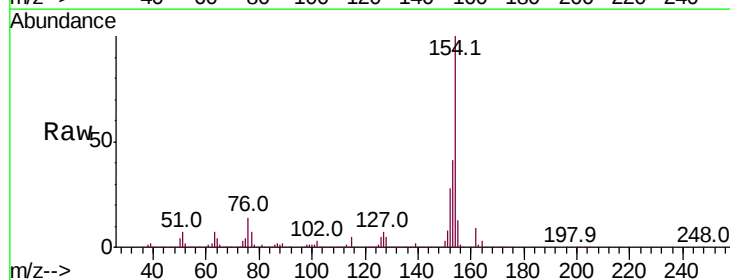
Tgt Ion:154 Resp: 1722284

Ion Ratio Lower Upper

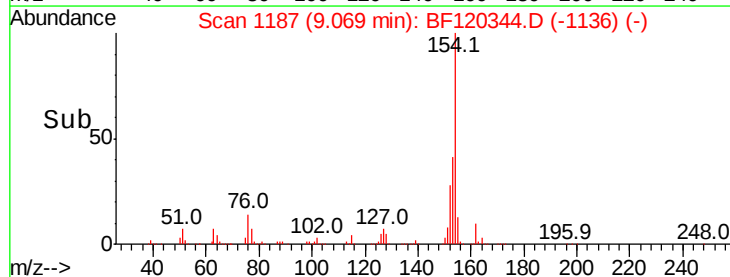
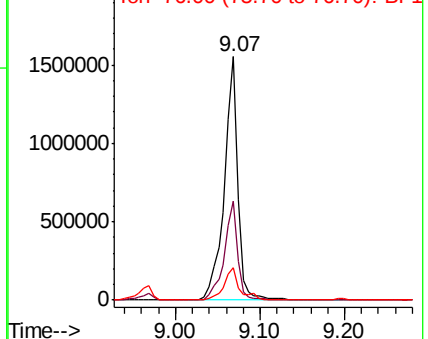
154 100

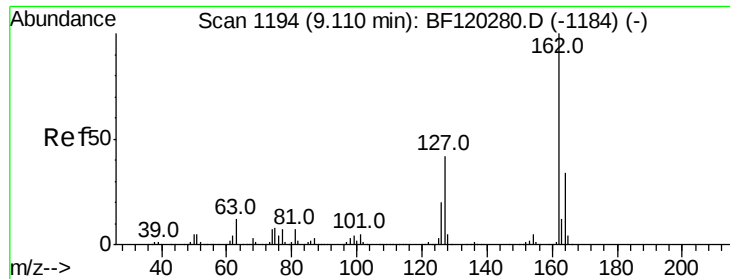
153 40.5 20.8 60.8

76 13.6 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



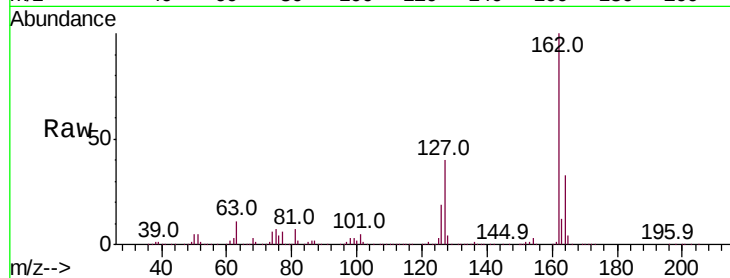


#47
 2-Chloronaphthalene
 Concen: 40.188 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF120344.D
 Acq: 18 May 2020 16:23

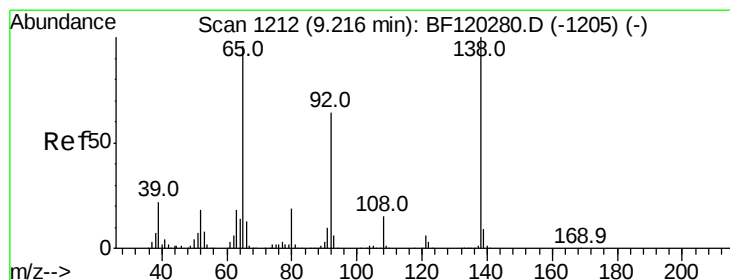
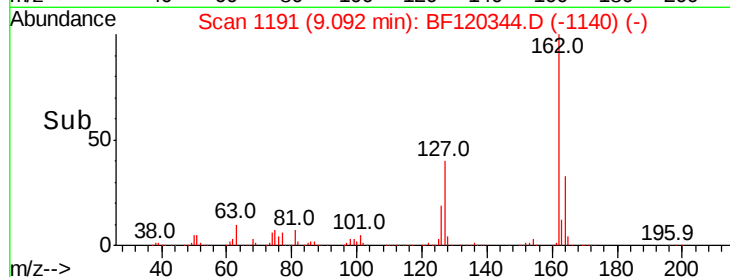
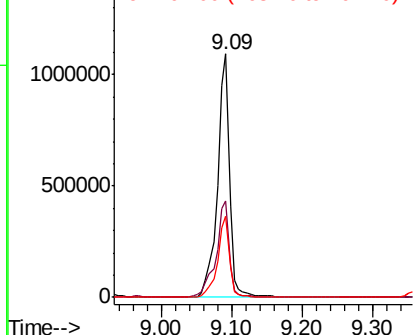
Instrument :
 BNA_F
 ClientSampleId :
 PB128942BSD

Tot Ion:162 Resp: 1302886

Ion	Ratio	Lower	Upper
162	100		
127	39.6	33.4	50.0
164	33.2	27.0	40.6



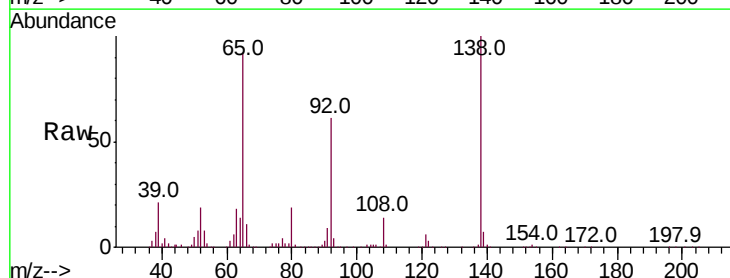
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



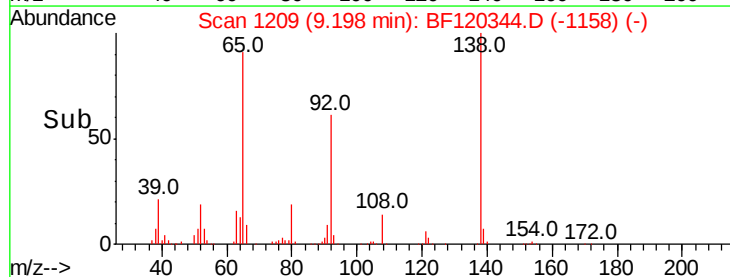
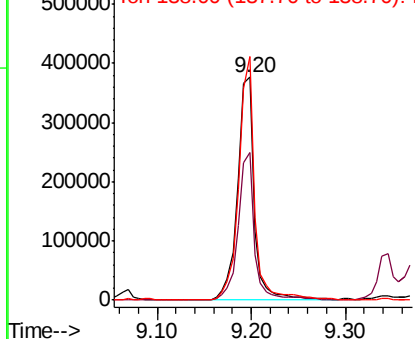
#48
 2-Nitroaniline
 Concen: 39.726 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF120344.D
 Acq: 18 May 2020 16:23

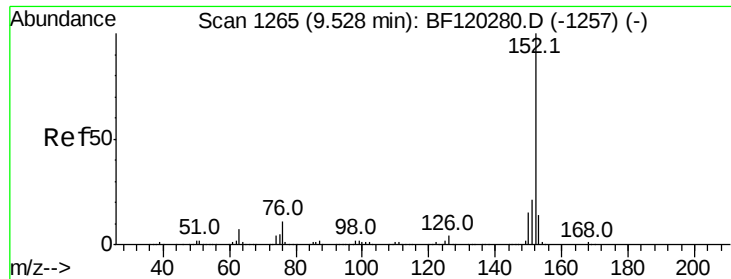
Tgt Ion: 65 Resp: 469910

Ion	Ratio	Lower	Upper
65	100		
92	66.5	52.9	79.3
138	109.3	83.0	124.4



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.400 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB128942BSD

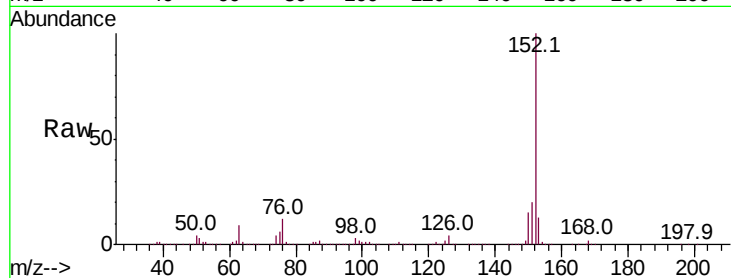
Tot Ion:152 Resp: 2050240

Ion Ratio Lower Upper

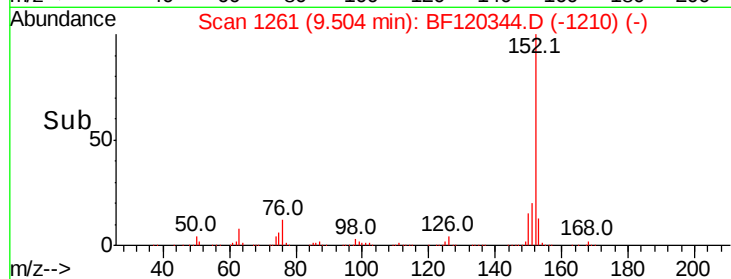
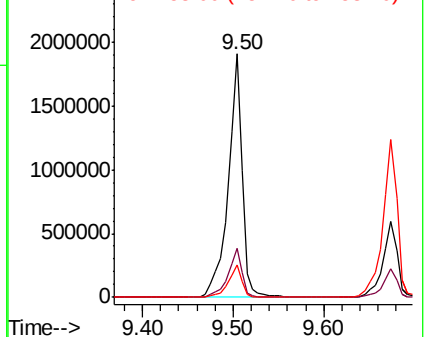
152 100

151 20.3 16.6 25.0

153 13.4 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: 38.643 ng

RT: 9.38 min Scan# 1240

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

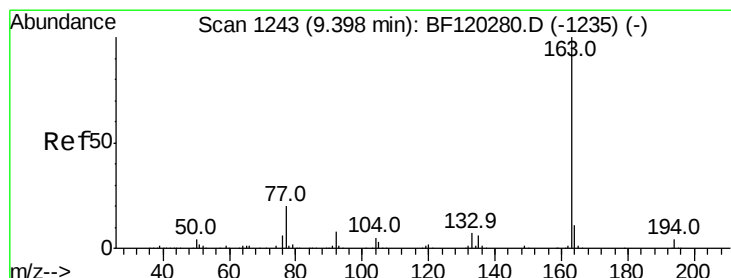
Tgt Ion:163 Resp: 1506813

Ion Ratio Lower Upper

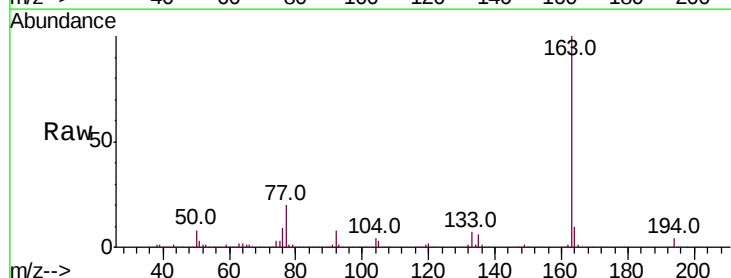
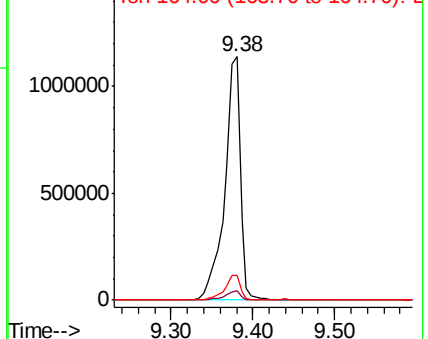
163 100

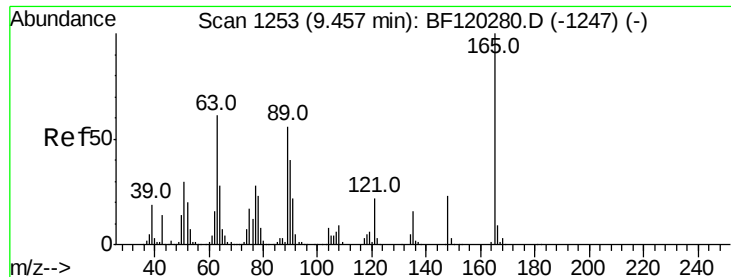
194 4.0 3.1 4.7

164 10.0 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

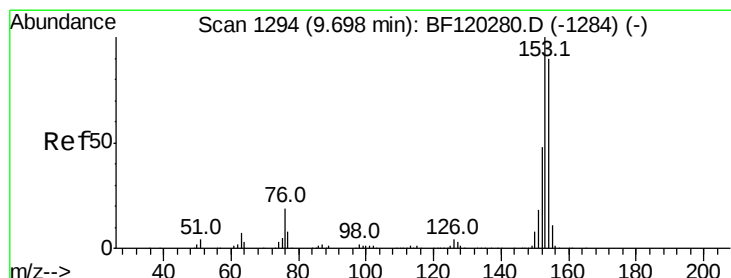
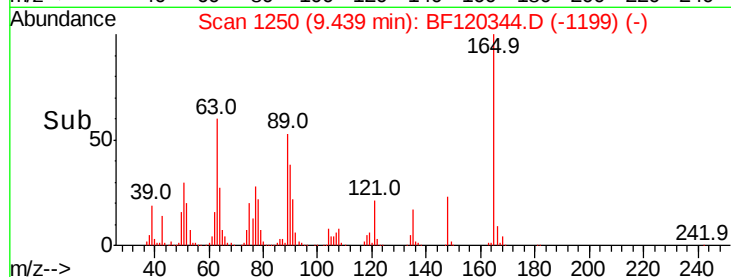
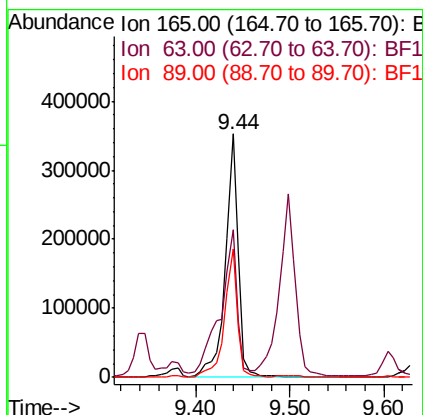
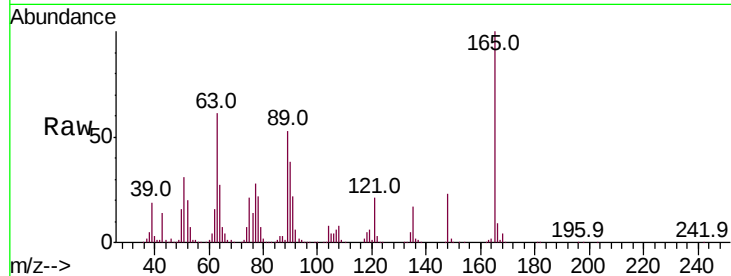




#51
 2,6-Dinitrotoluene
 Concen: 38.654 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BF120344.D
 Acq: 18 May 2020 16:23

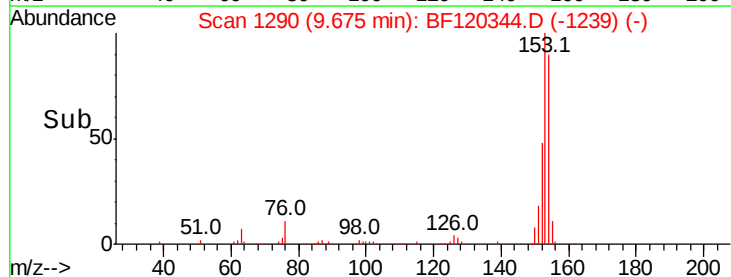
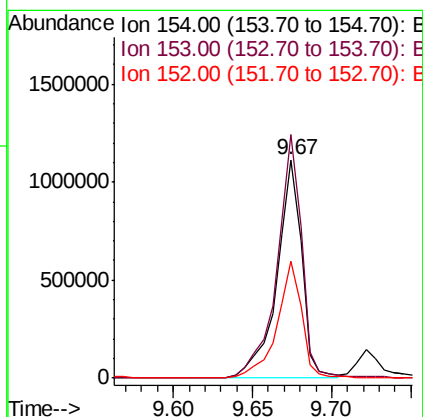
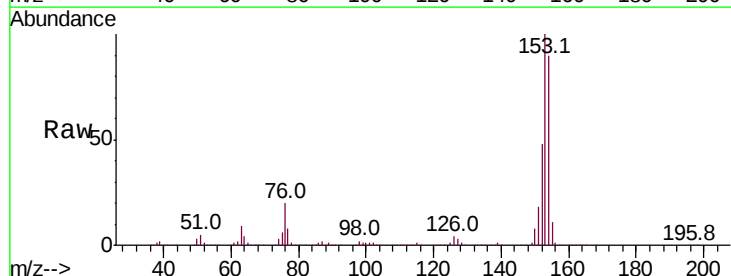
Instrument :
 BNA_F
 ClientSampleId :
 PB128942BSD

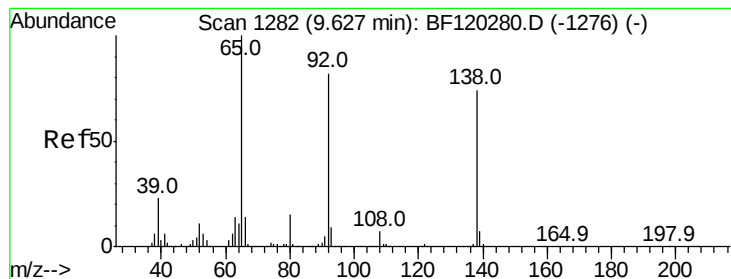
Tot Ion:165 Resp: 336402
 Ion Ratio Lower Upper
 165 100
 63 60.5 50.2 75.2
 89 52.7 44.6 66.8



#52
 Acenaphthene
 Concen: 40.790 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: BF120344.D
 Acq: 18 May 2020 16:23

Tgt Ion:154 Resp: 1210835
 Ion Ratio Lower Upper
 154 100
 153 111.5 89.0 133.4
 152 53.7 42.6 64.0





#53

3-Nitroaniline

Concen: 21.814 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB128942BSD

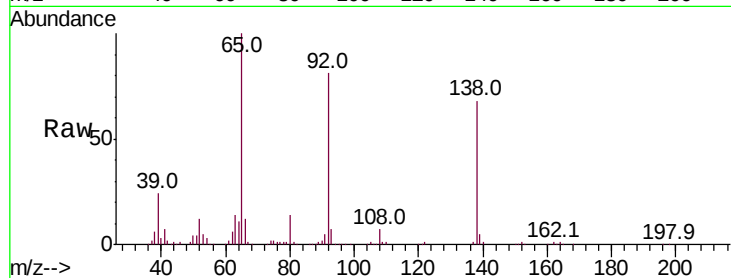
Tot Ion:138 Resp: 226395

Ion Ratio Lower Upper

138 100

108 10.6 8.2 12.2

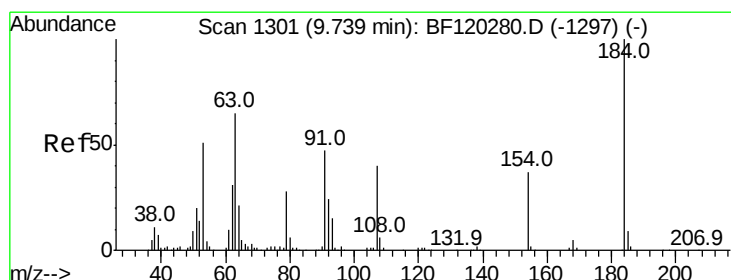
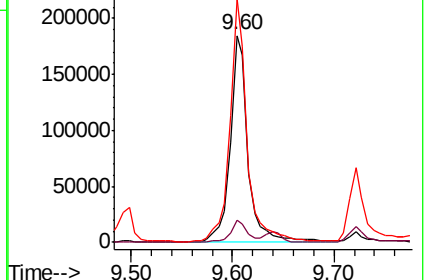
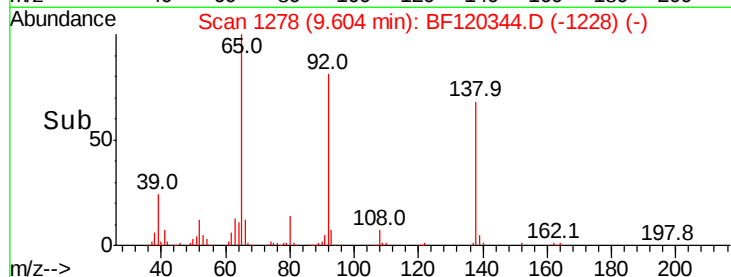
92 117.7 89.6 134.4



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: 71.215 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

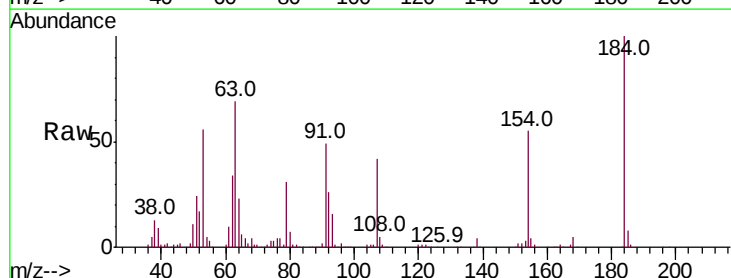
Tgt Ion:184 Resp: 292557

Ion Ratio Lower Upper

184 100

63 68.6 53.6 80.4

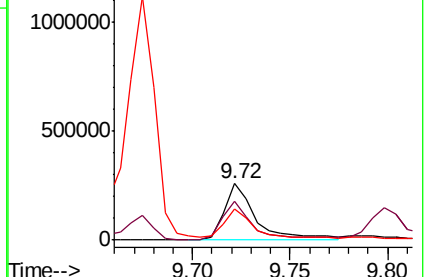
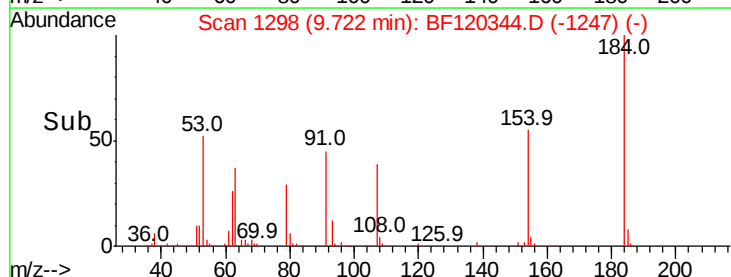
154 55.2 46.8 70.2

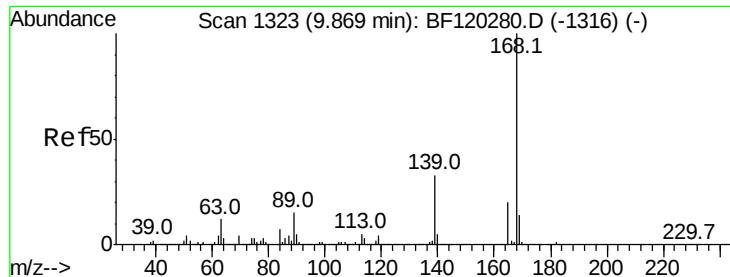


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

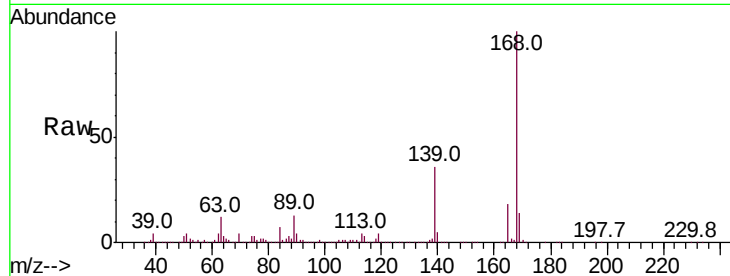




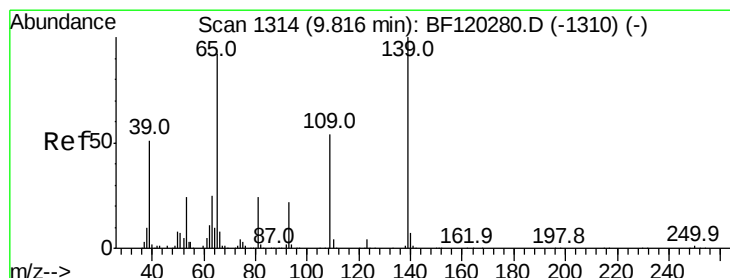
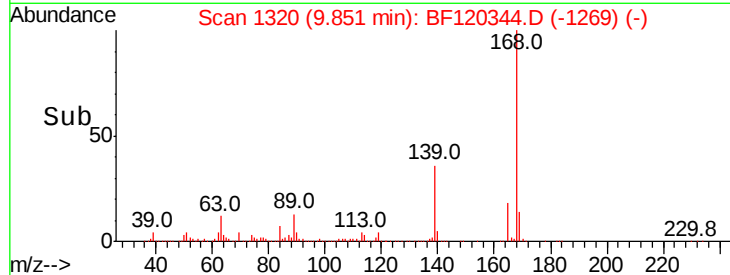
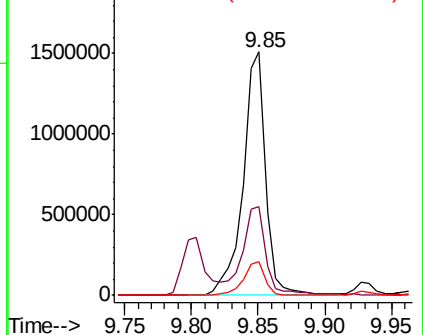
#55
Dibenzenofuran
Concen: 40.885 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB128942BSD

Tot Ion:168 Resp: 1747725
Ion Ratio Lower Upper
168 100
139 36.4 29.8 44.6
169 13.7 11.0 16.6

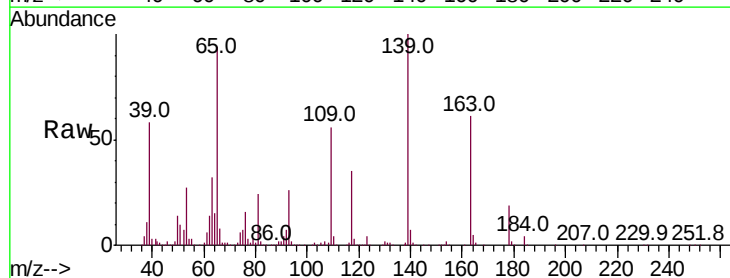


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

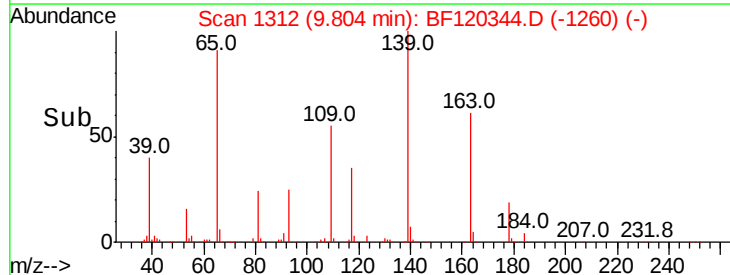
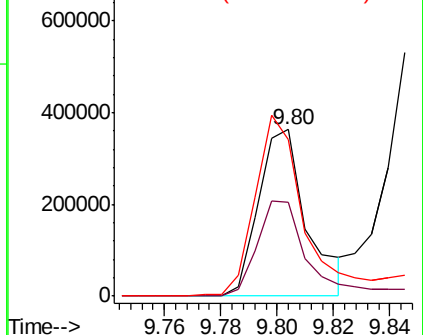


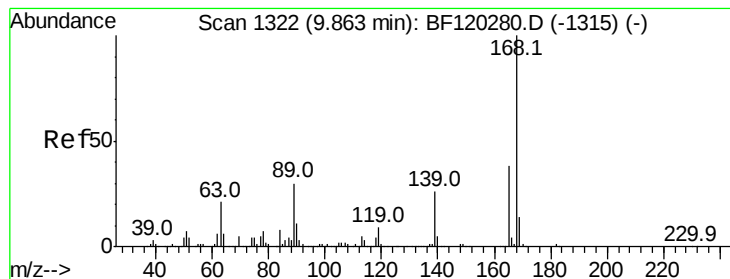
#56
4-Nitrophenol
Concen: 77.466 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Tgt Ion:139 Resp: 431995
Ion Ratio Lower Upper
139 100
109 55.9 34.6 74.6
65 94.0 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

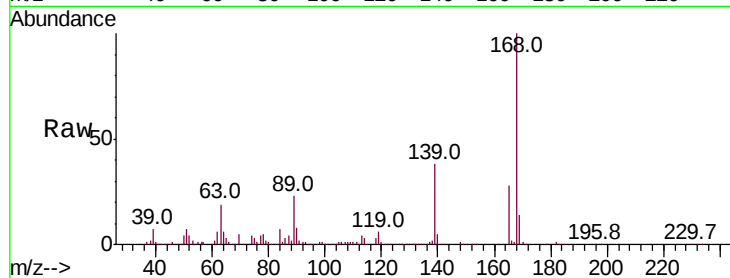




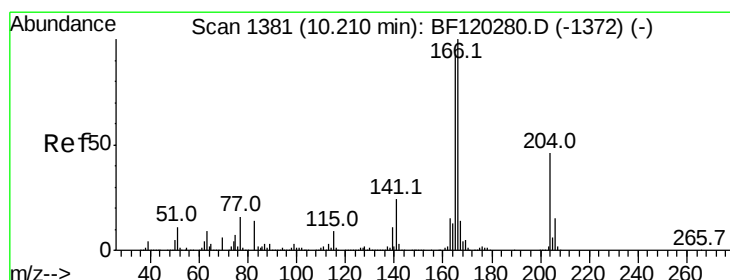
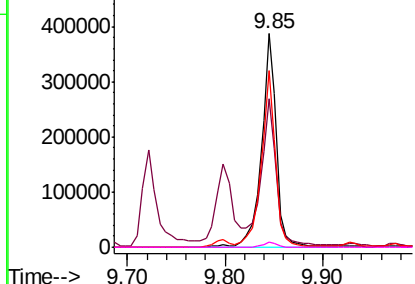
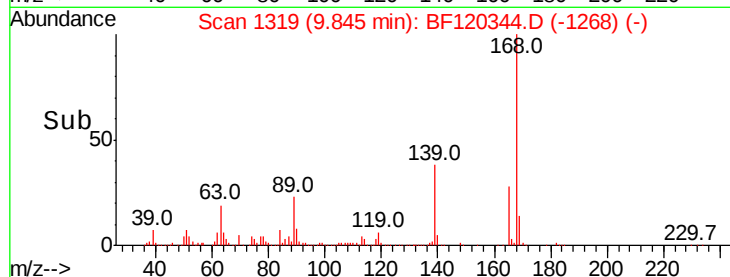
#57
 2,4-Dinitrotoluene
 Concen: 41.266 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF120344.D
 Acq: 18 May 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB128942BSD

Tot Ion:	165	Resp:	421287
Ion	Ratio	Lower	Upper
165	100		
63	69.7	51.8	77.8
89	82.5	64.2	96.4
182	2.4	2.0	3.0

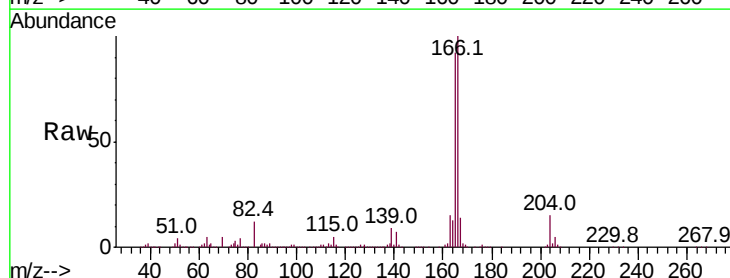


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

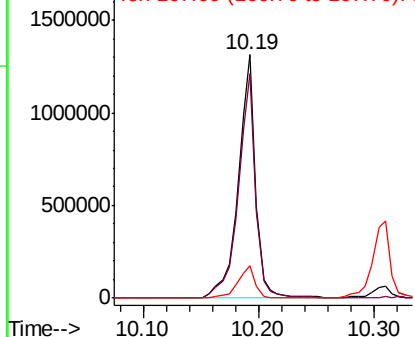
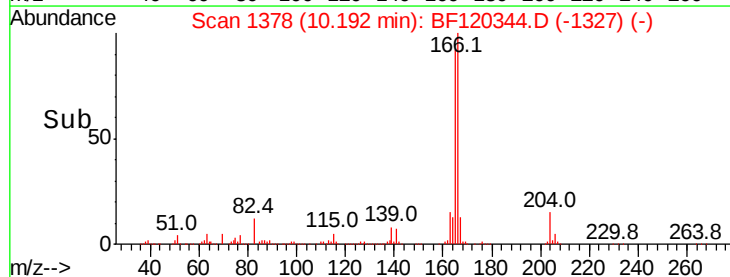


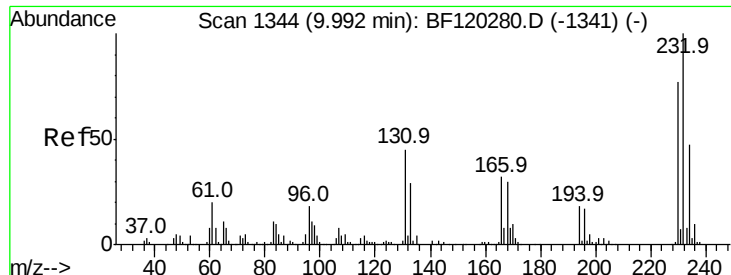
#58
 Fluorene
 Concen: 41.630 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.00 min
 Lab File: BF120344.D
 Acq: 18 May 2020 16:23

Tgt Ion:	166	Resp:	1355275
Ion	Ratio	Lower	Upper
166	100		
165	92.4	74.7	112.1
167	13.5	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

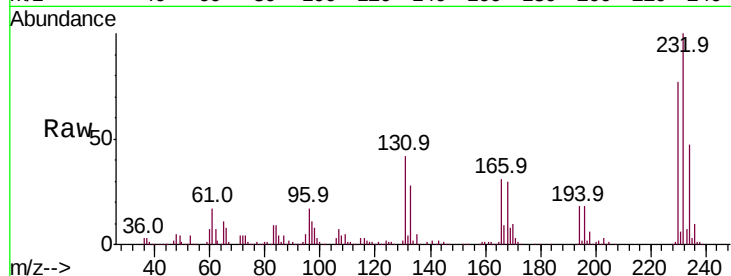




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.081 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: BF120344.D
 Acq: 18 May 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB128942BSD

Tot Ion:	232	Resp:	361661
Ion	Ratio	Lower	Upper
232	100		
131	42.2	34.1	51.1
130	2.2	1.7	2.5
166	30.0	23.3	34.9



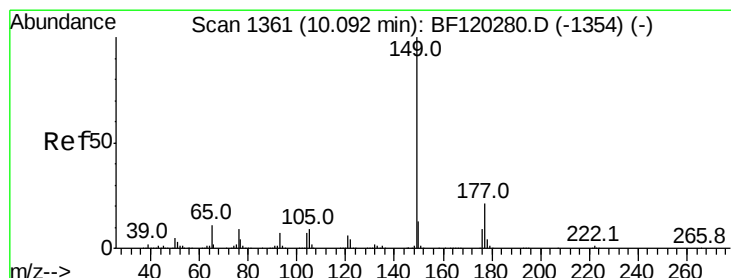
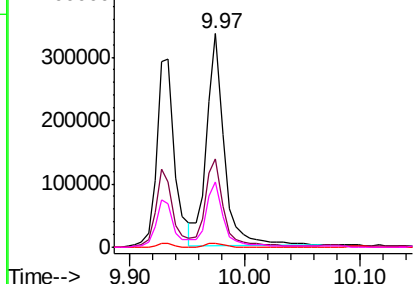
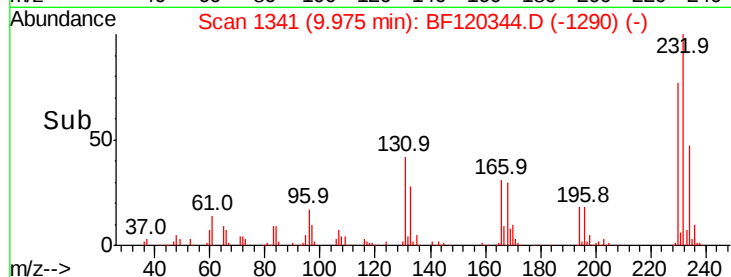
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

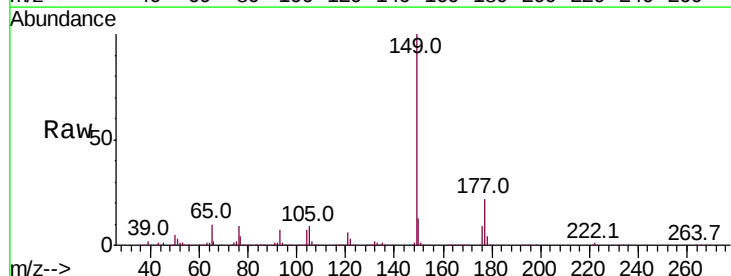
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.664 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.00 min
 Lab File: BF120344.D
 Acq: 18 May 2020 16:23

Tgt Ion:	149	Resp:	1493157
Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.1	25.7
150	12.8	10.3	15.5

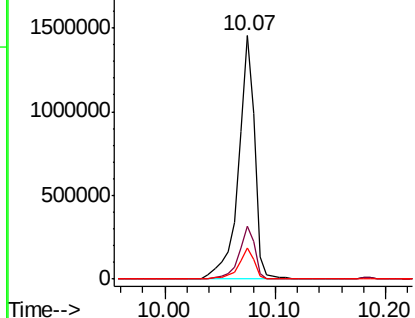
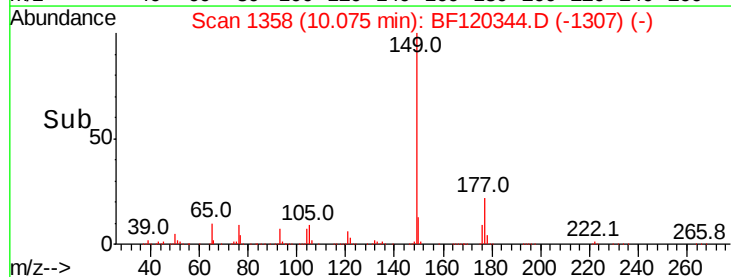


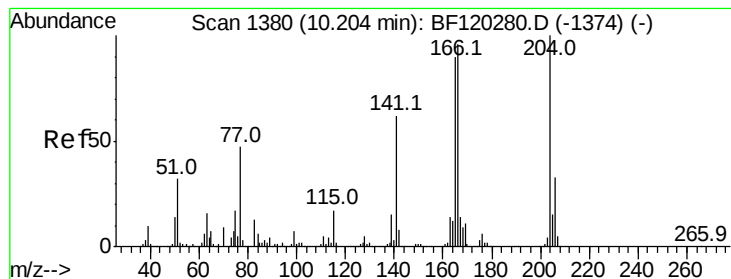
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 38.356 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB128942BSD

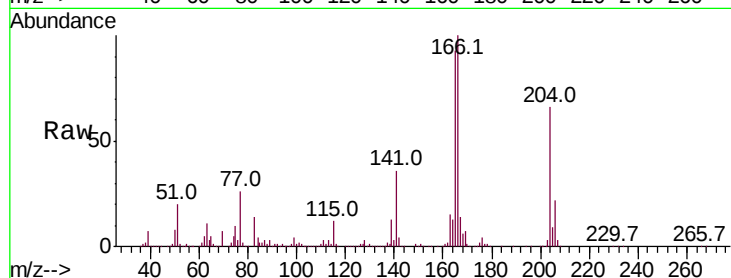
Tot Ion:204 Resp: 649215

Ion Ratio Lower Upper

204 100

206 32.8 26.8 40.2

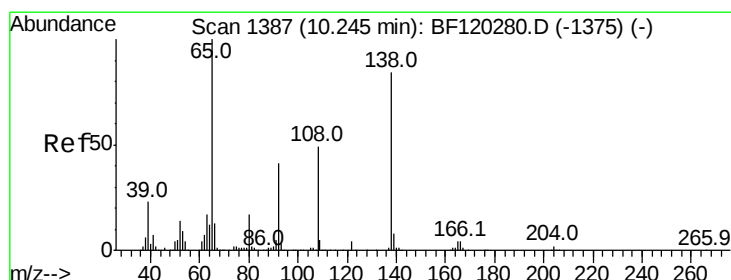
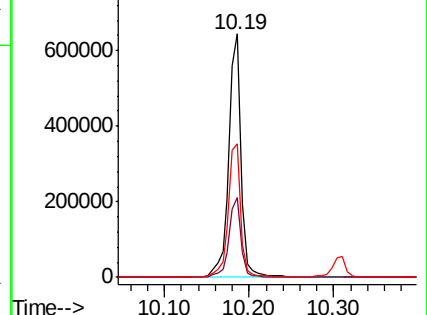
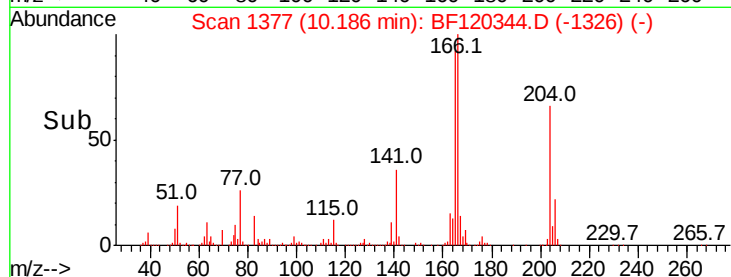
141 54.6 49.5 74.3



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: 36.665 ng

RT: 10.23 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

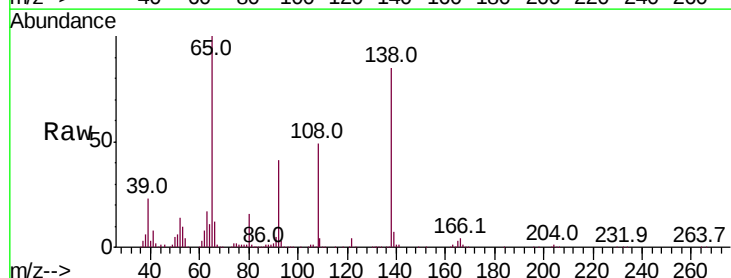
Tgt Ion:138 Resp: 354334

Ion Ratio Lower Upper

138 100

92 48.1 28.9 68.9

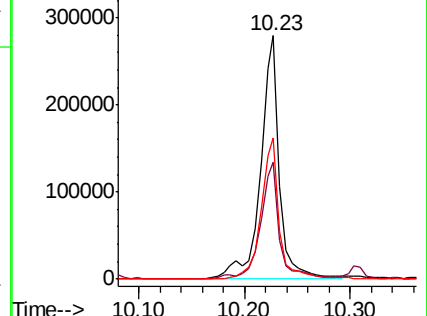
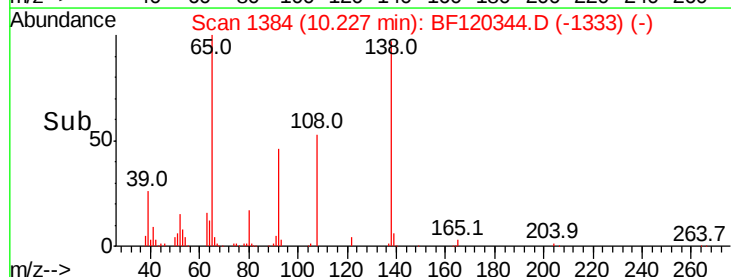
108 58.0 38.4 78.4

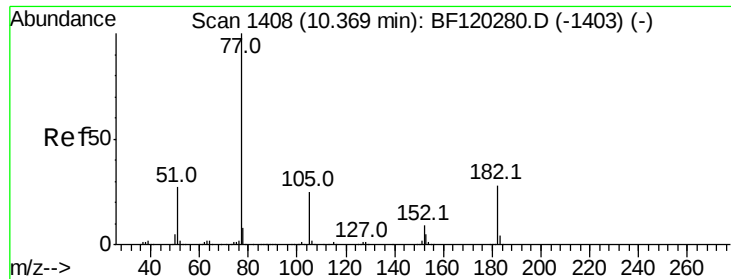


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 39.154 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB128942BSD

Tot Ion: 77 Resp: 1393057

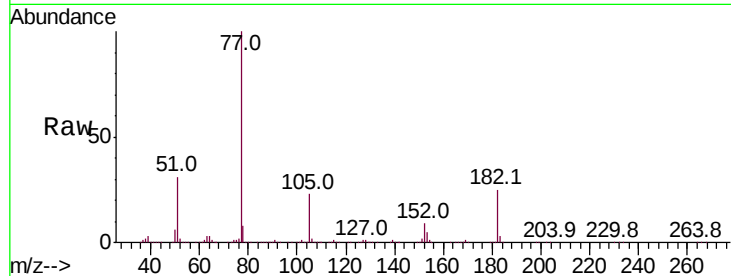
Ion	Ratio	Lower	Upper
77	100		
182	25.0	7.4	47.4
105	23.3	4.4	44.4
51	31.2	8.3	48.3

77 100

182 25.0 7.4 47.4

105 23.3 4.4 44.4

51 31.2 8.3 48.3

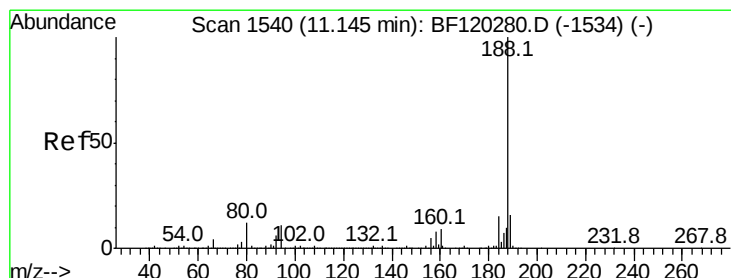
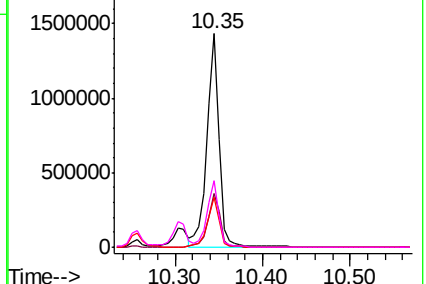
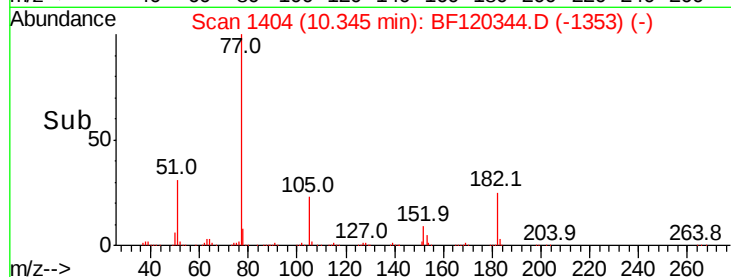


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.12 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

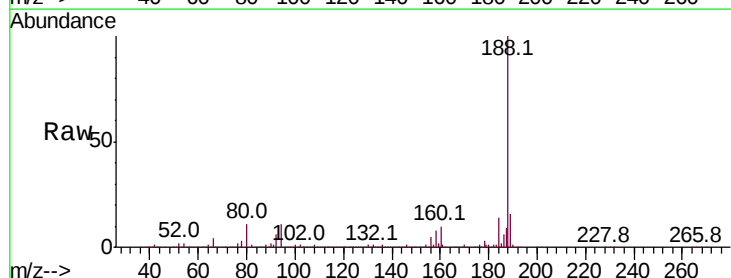
Tgt Ion: 188 Resp: 1052608

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.6	13.0
80	11.1	9.2	13.8

188 100

94 10.8 8.6 13.0

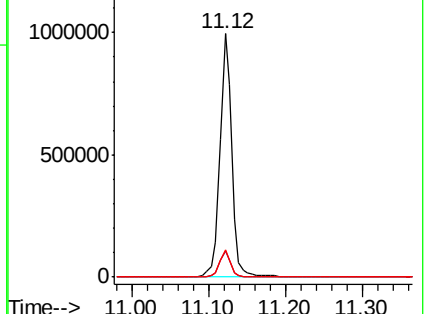
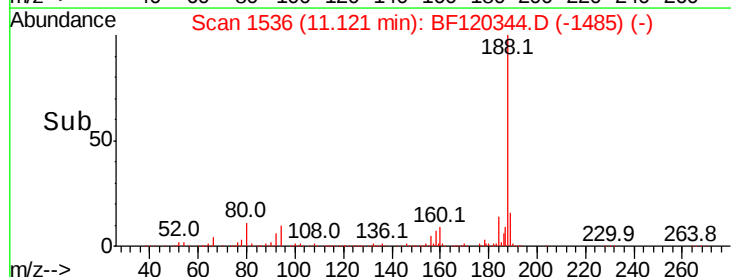
80 11.1 9.2 13.8

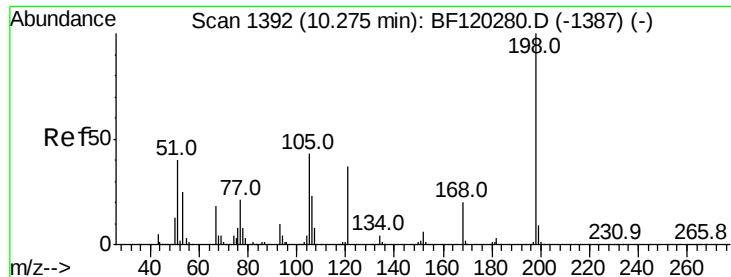


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

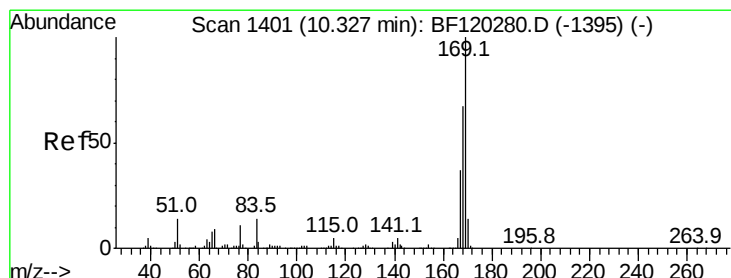
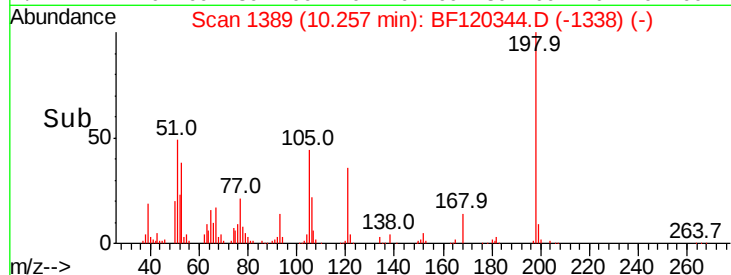
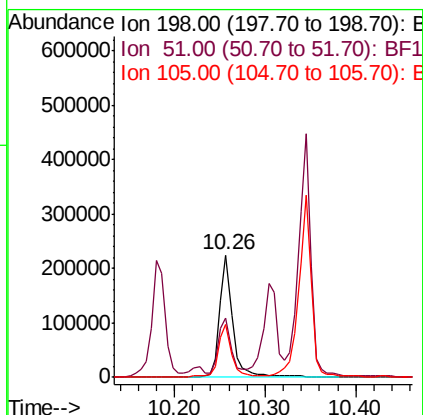
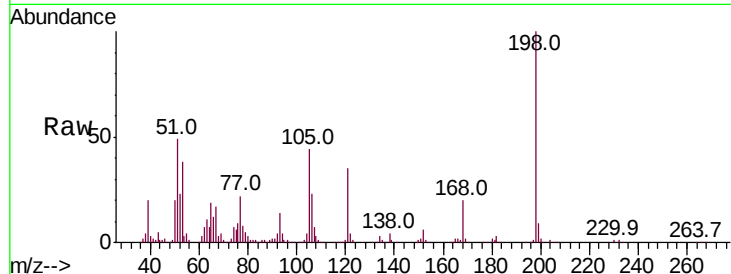




#65
4,6-Dinitro-2-methylphenol
Concen: 42.442 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

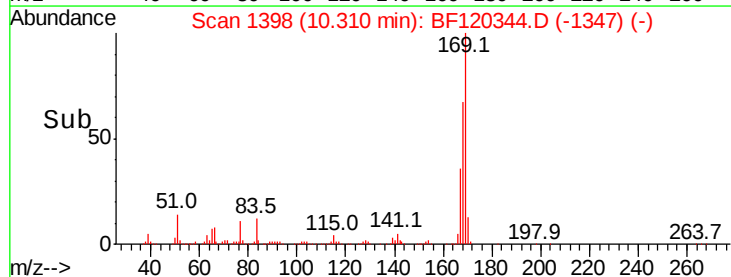
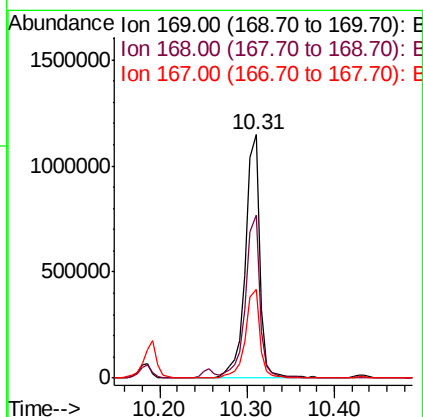
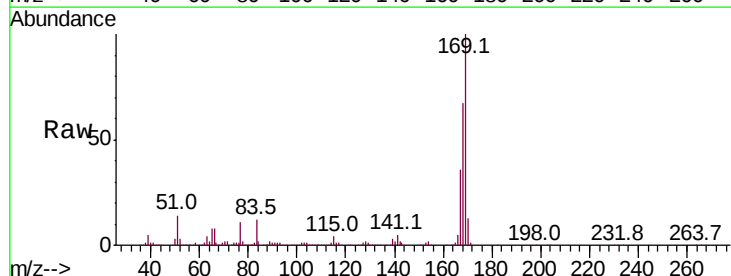
Instrument :
BNA_F
ClientSampleId :
PB128942BSD

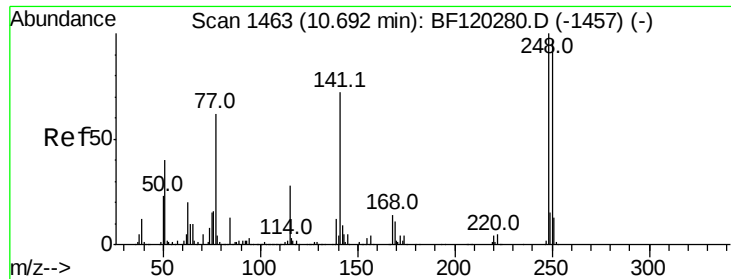
Tot Ion	Ratio	Lower	Upper
198	100		
51	48.7	27.1	67.1
105	43.6	24.3	64.3



#66
n-Nitrosodiphenylamine
Concen: 42.613 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.7	80.5
167	36.5	29.8	44.6

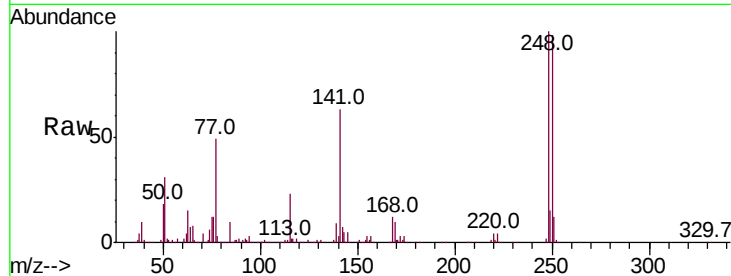




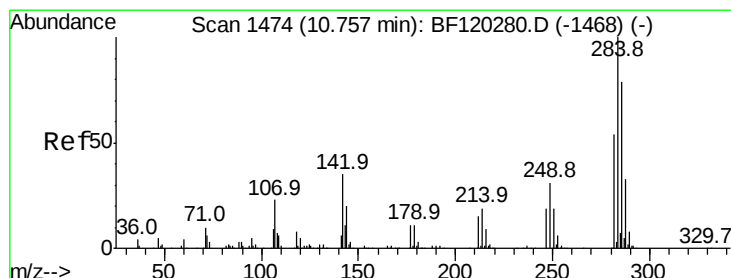
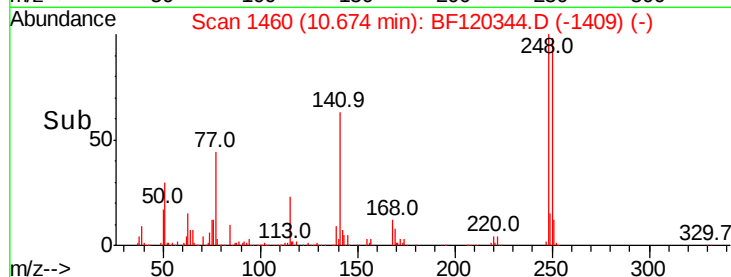
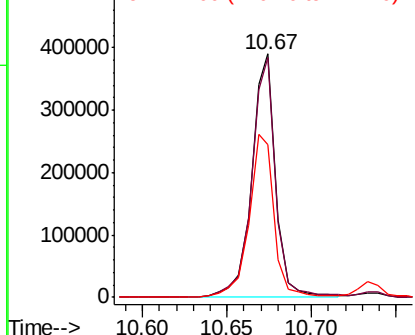
#67
4-Bromophenyl-phenylether
Concen: 37.873 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB128942BSD

Tot Ion:248 Resp: 386848
Ion Ratio Lower Upper
248 100
250 98.5 77.8 116.6
141 62.9 57.7 86.5

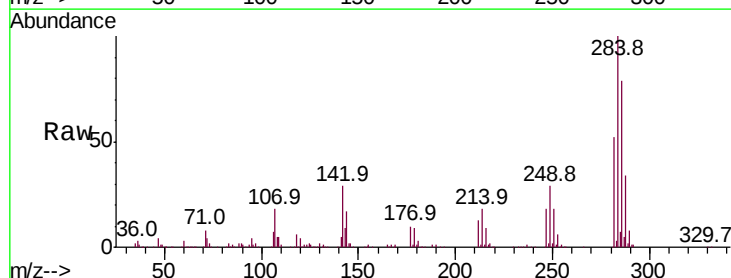


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

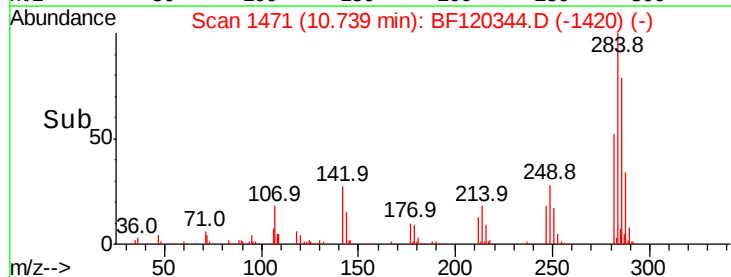
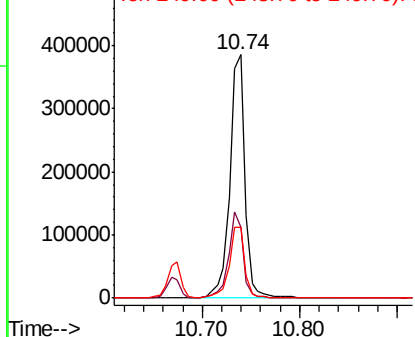


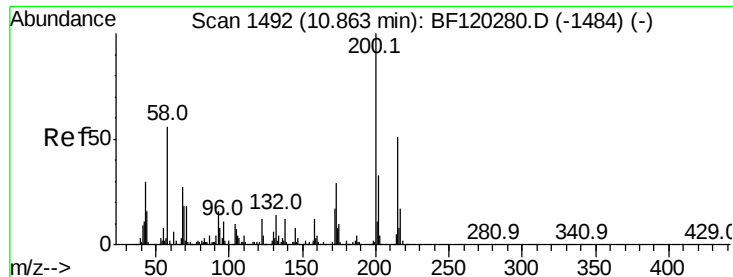
#68
Hexachlorobenzene
Concen: 39.198 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Tgt Ion:284 Resp: 418867
Ion Ratio Lower Upper
284 100
142 29.3 28.5 42.7
249 29.2 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 37.259 ng

RT: 10.84 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB128942BSD

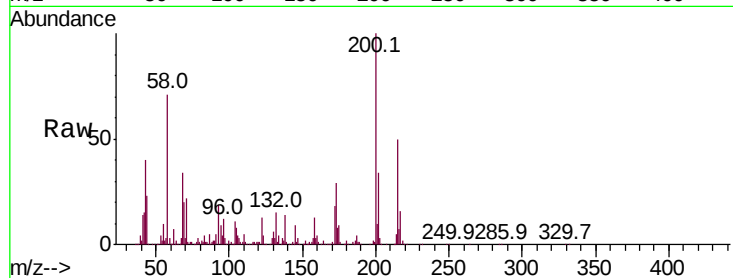
Tot Ion:200 Resp: 324665

Ion Ratio Lower Upper

200 100

173 28.5 8.7 48.7

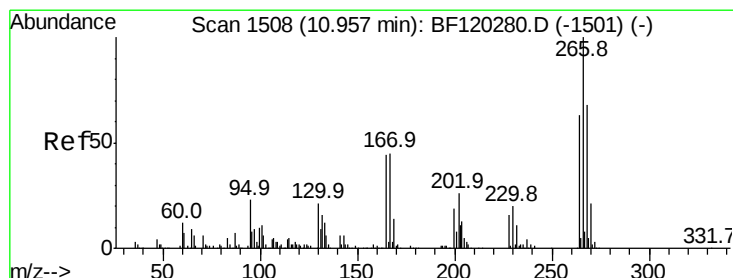
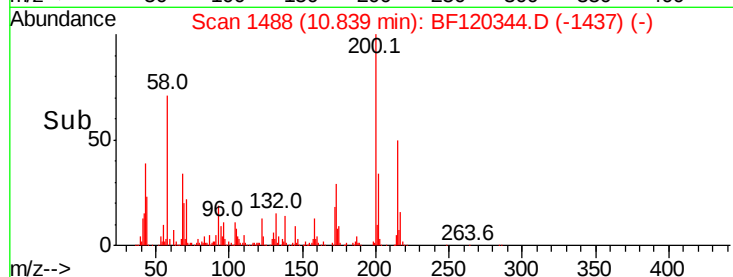
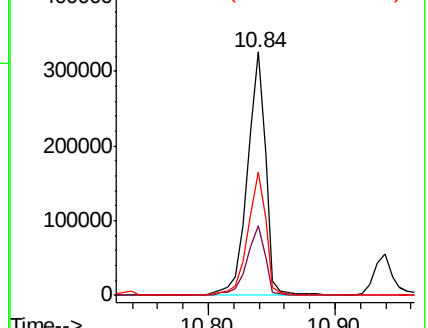
215 50.4 30.6 70.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 77.520 ng

RT: 10.94 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

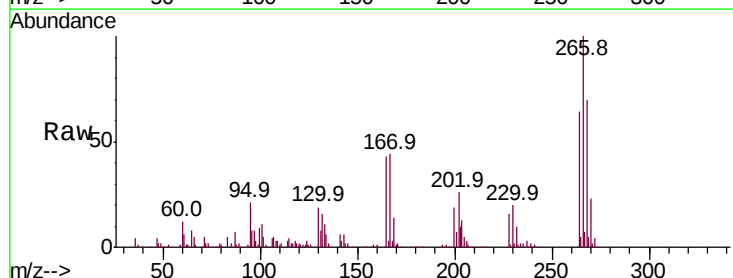
Tgt Ion:266 Resp: 352312

Ion Ratio Lower Upper

266 100

268 69.6 54.2 81.4

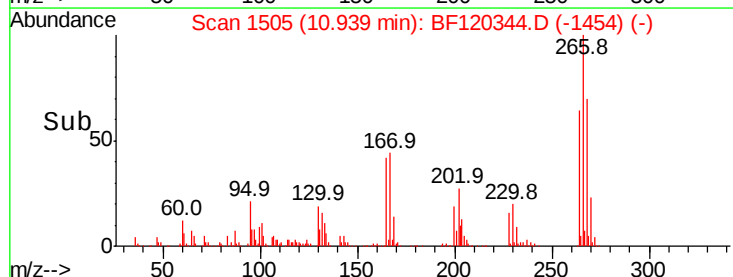
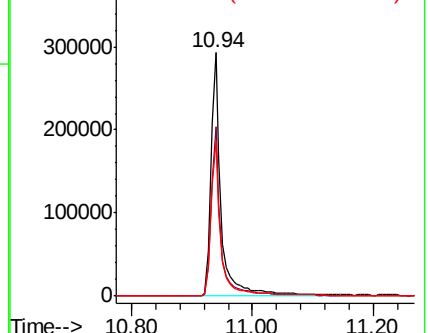
264 63.5 50.2 75.4

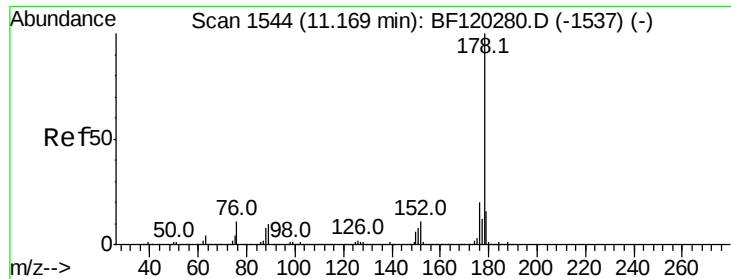


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.367 ng

RT: 11.15 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB128942BSD

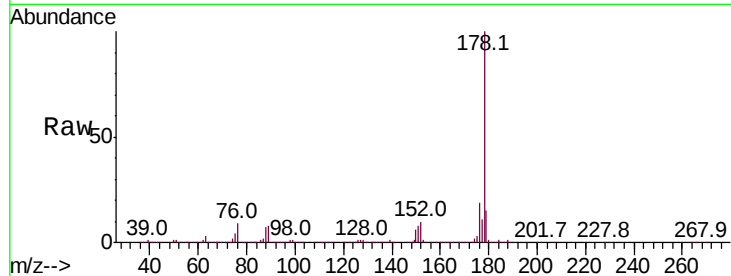
Tot Ion:178 Resp: 1829683

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

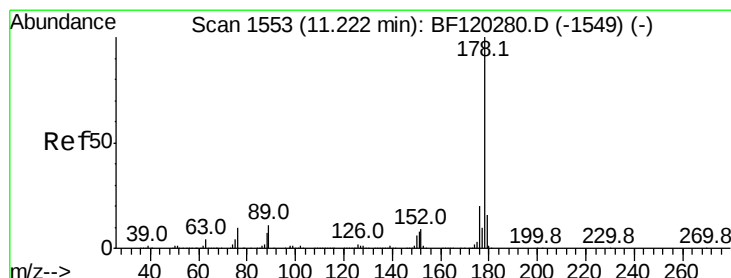
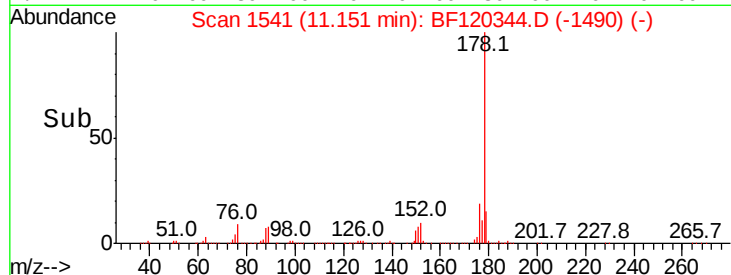
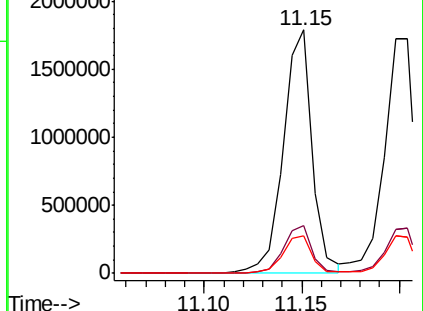
179 15.3 12.8 19.2



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: 42.406 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

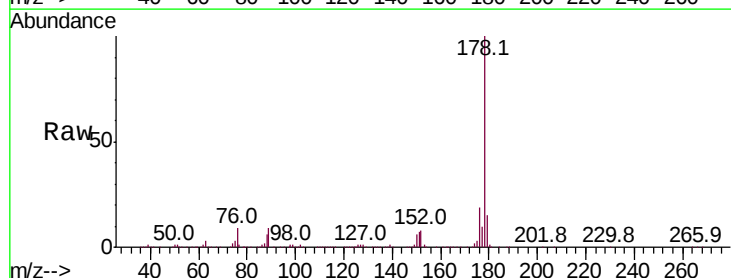
Tgt Ion:178 Resp: 2007954

Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

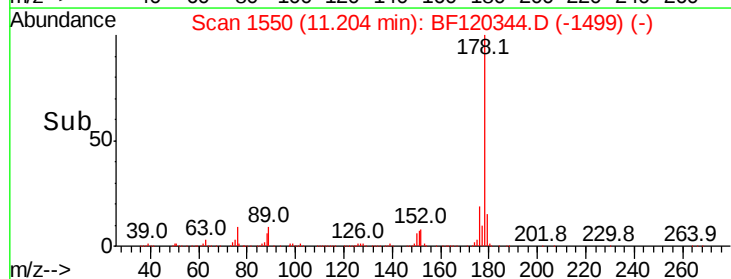
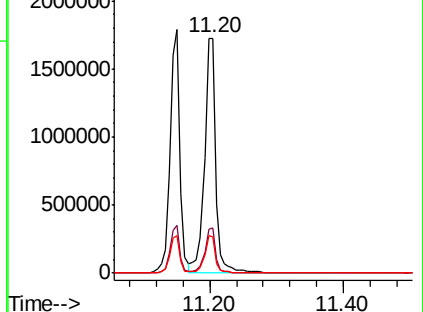
179 15.2 13.0 19.6

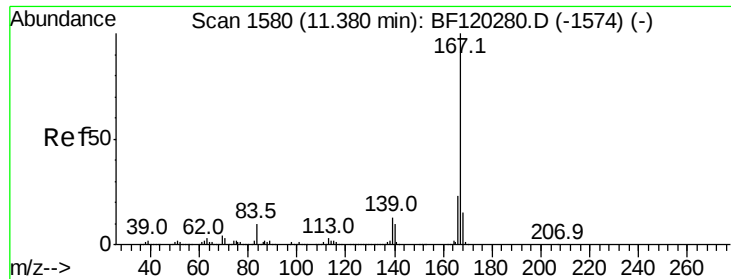


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

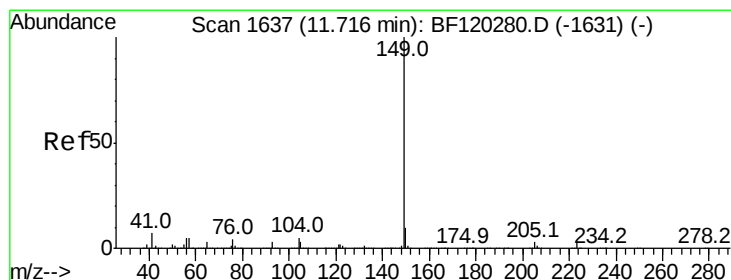
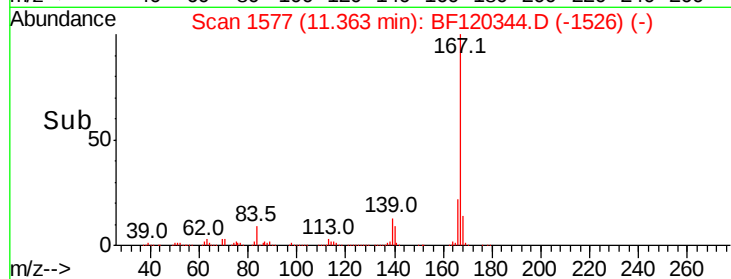
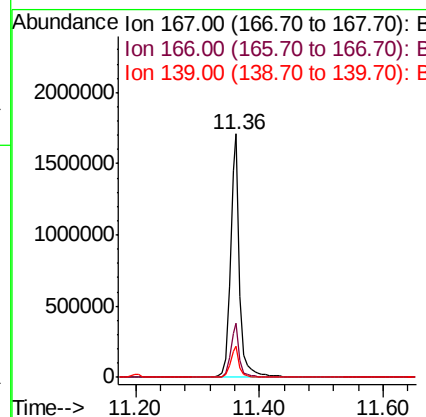
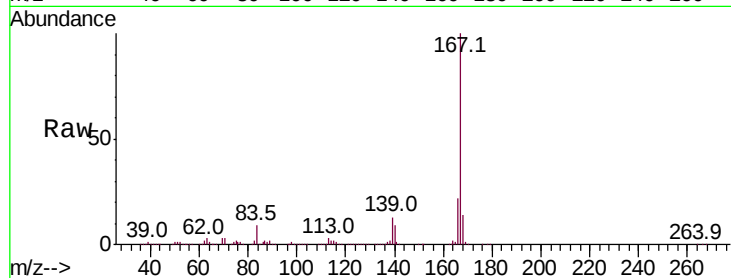




#73
 Carbazole
 Concen: 40.188 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BF120344.D
 Acq: 18 May 2020 16:23

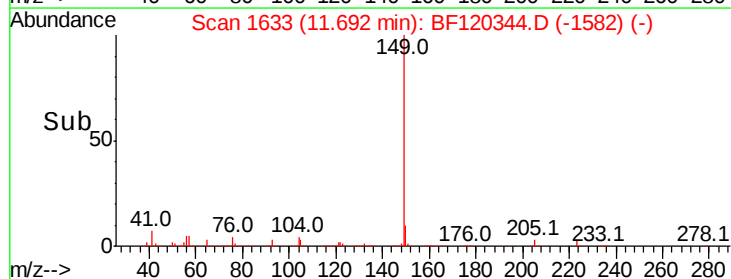
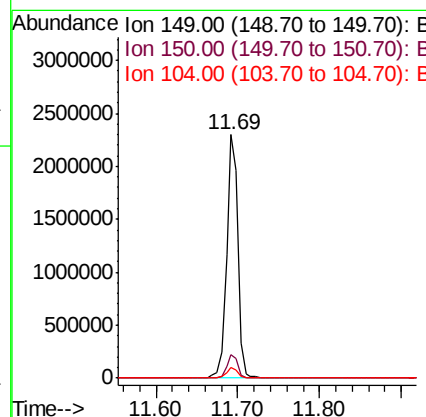
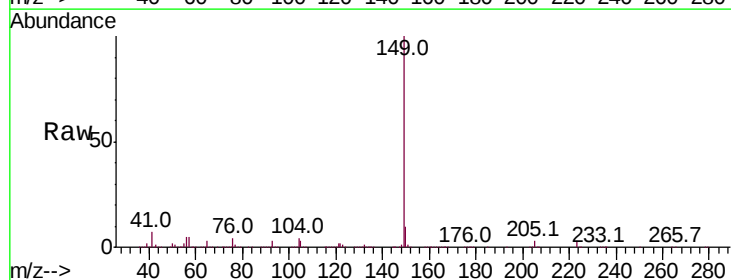
Instrument :
 BNA_F
 ClientSampleId :
 PB128942BSD

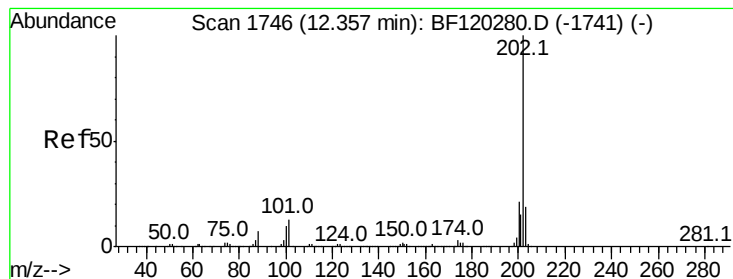
Tot Ion:167 Resp: 1778011
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 12.7 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 41.258 ng
 RT: 11.69 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: BF120344.D
 Acq: 18 May 2020 16:23

Tgt Ion:149 Resp: 2199882
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.2 12.4
 104 4.4 3.8 5.8





#75

Fluoranthene

Concen: 46.773 ng

RT: 12.33 min Scan# 1742

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB128942BSD

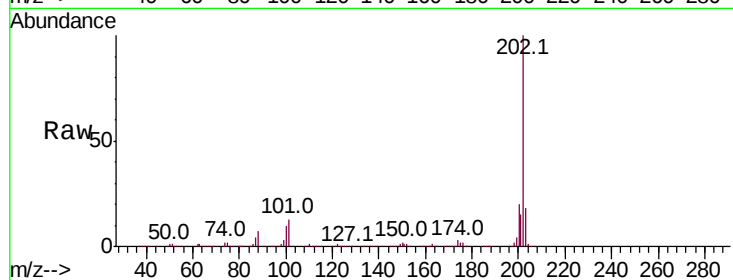
Tot Ion:202 Resp: 2217386

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.2

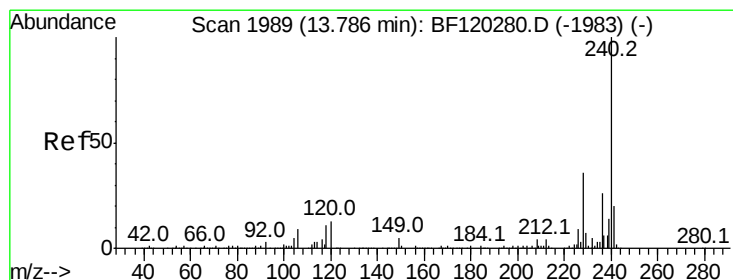
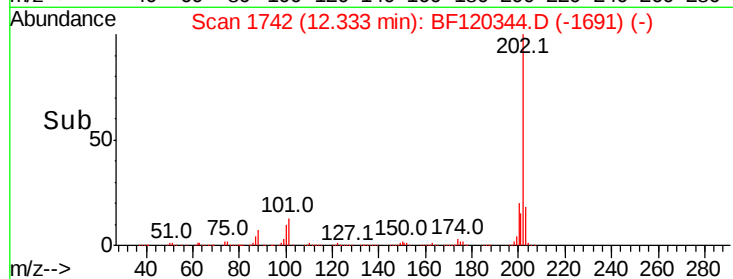
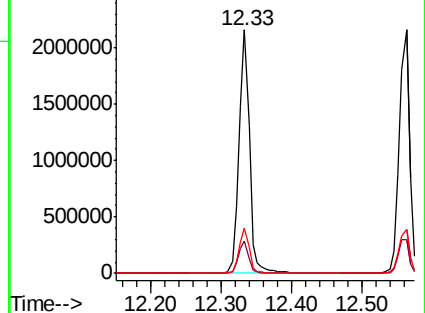
203 18.5 0.0 39.1



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: 13.76 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

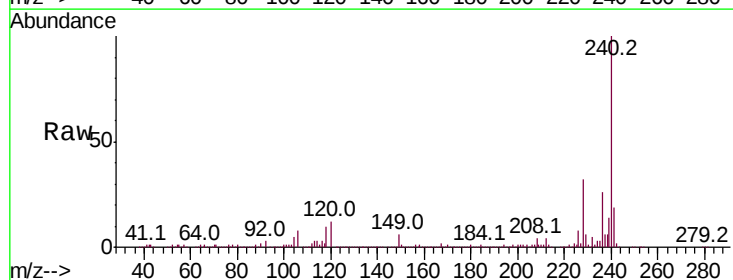
Tgt Ion:240 Resp: 745118

Ion Ratio Lower Upper

240 100

120 12.0 10.4 15.6

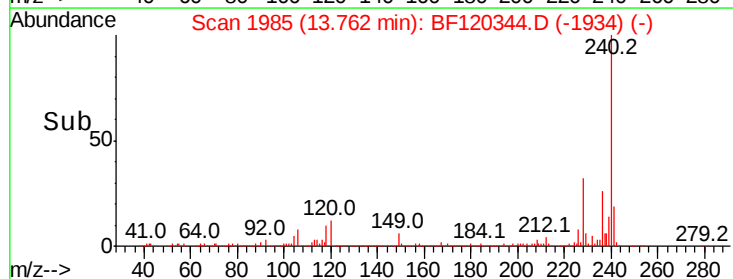
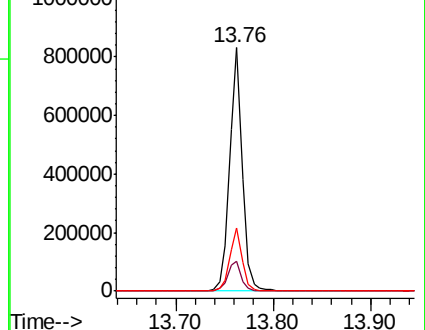
236 25.8 21.0 31.6

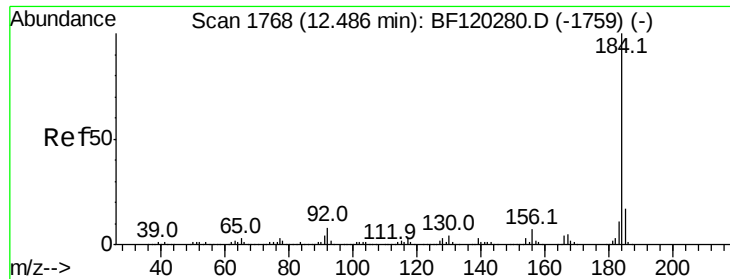


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.894 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB128942BSD

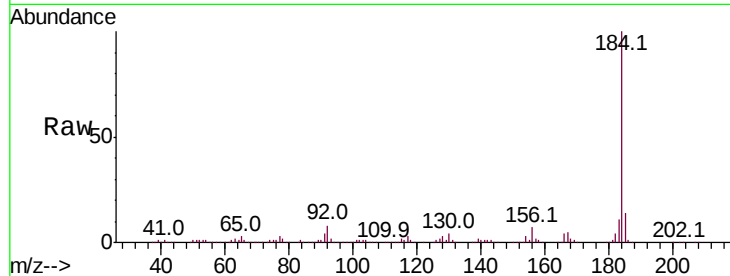
Tot Ion:184 Resp: 998592

Ion Ratio Lower Upper

184 100

185 14.5 13.7 20.5

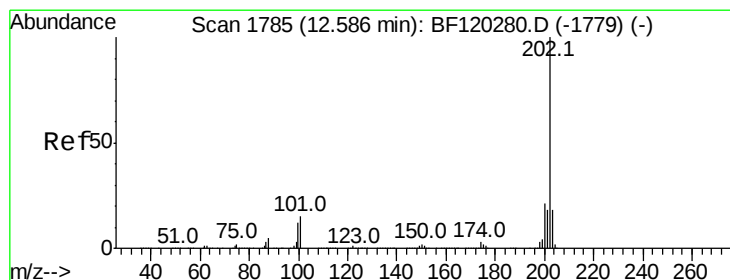
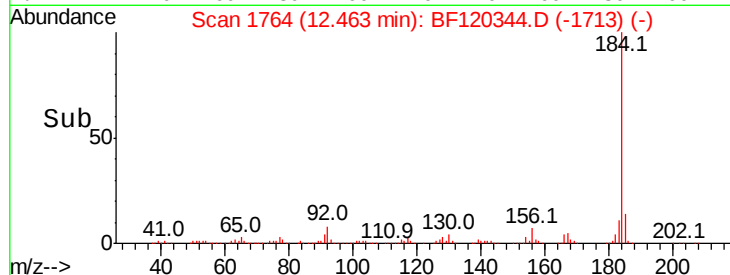
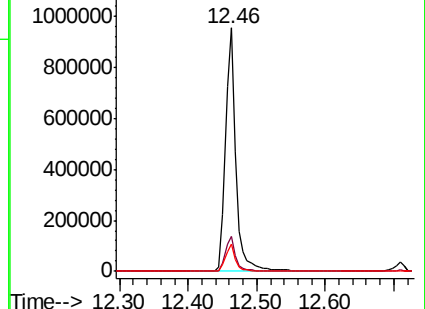
183 11.0 8.7 13.1



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: 42.129 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

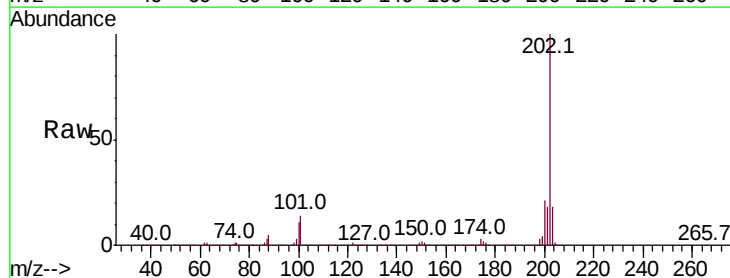
Tgt Ion:202 Resp: 2237896

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

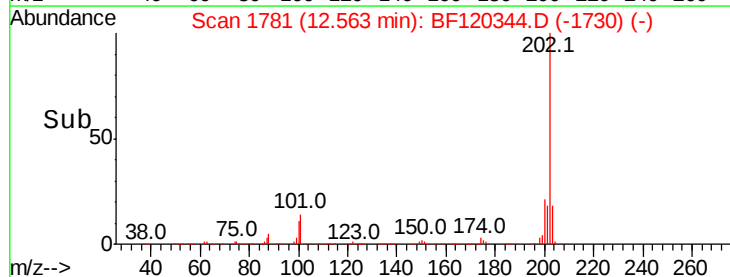
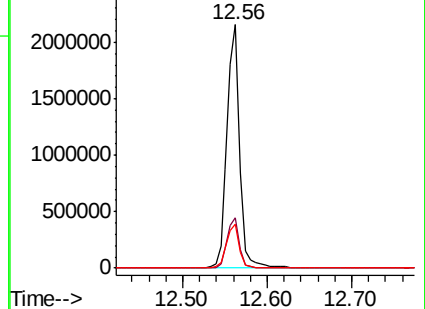
203 17.8 14.6 22.0

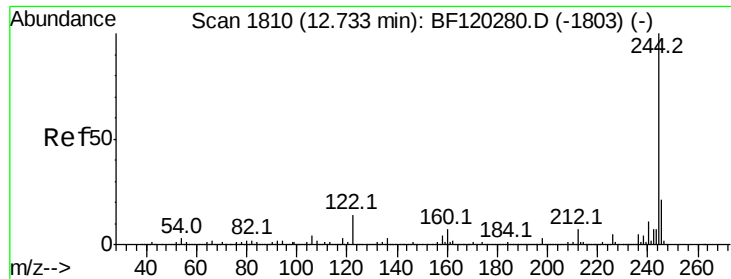


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.145 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB128942BSD

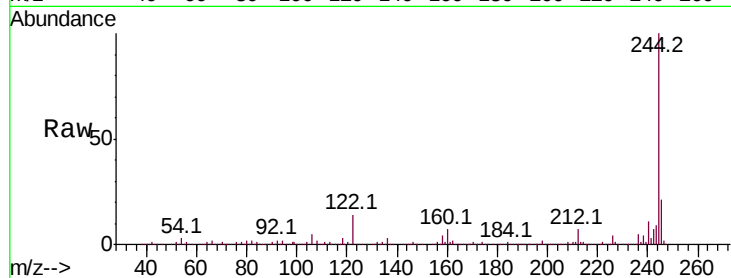
Tot Ion:244 Resp: 2804309

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

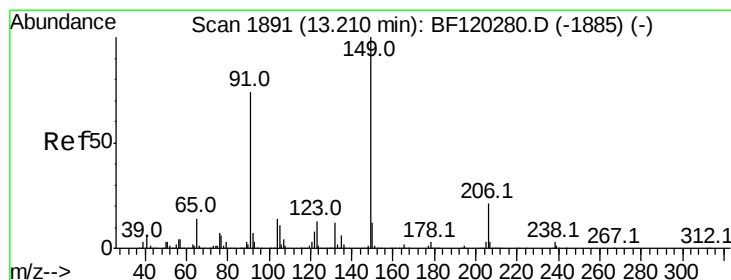
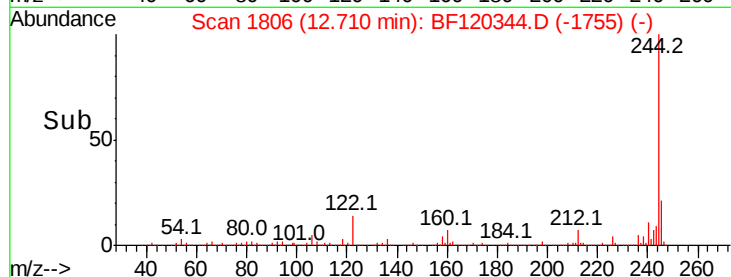
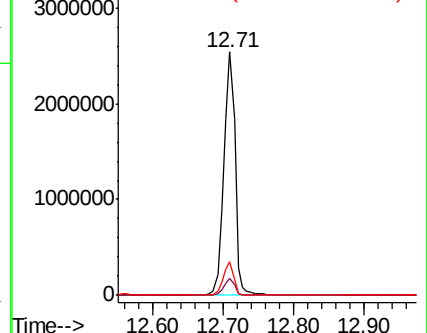
122 13.9 10.8 16.2



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: 39.675 ng

RT: 13.19 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

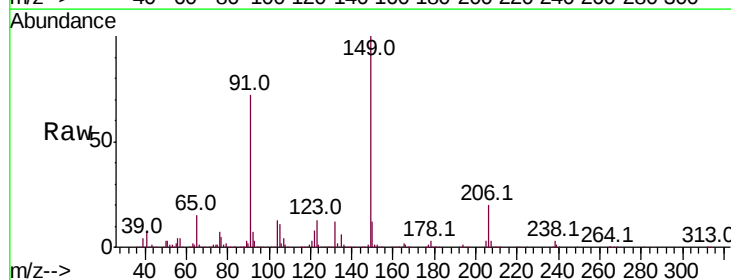
Tgt Ion:149 Resp: 992395

Ion Ratio Lower Upper

149 100

91 71.6 59.0 88.4

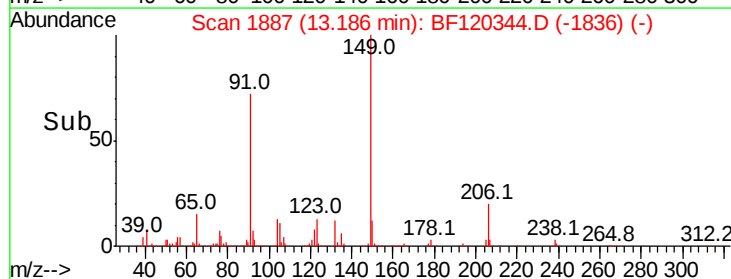
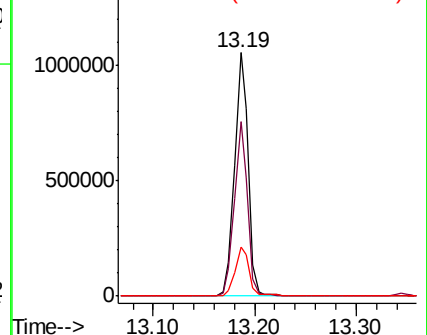
206 20.3 16.8 25.2

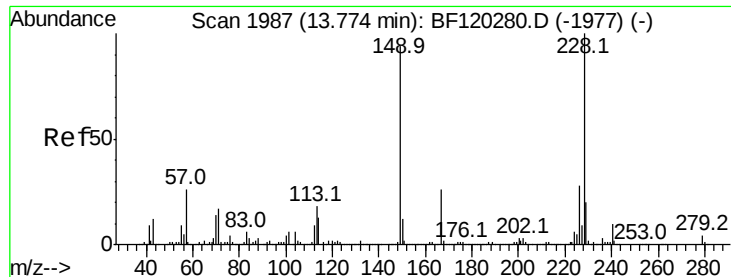


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.123 ng

RT: 13.75 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB128942BSD

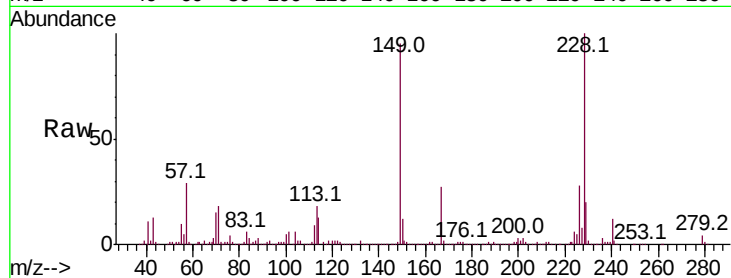
Tot Ion:228 Resp: 1576822

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

229 20.4 16.4 24.6

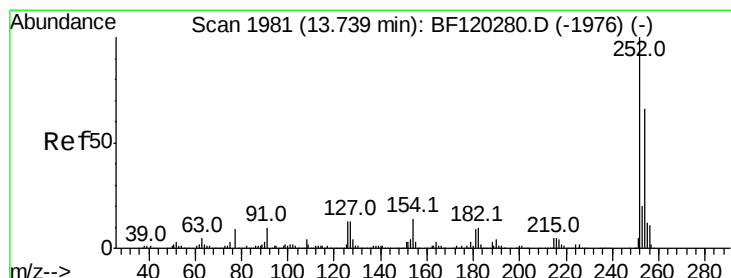
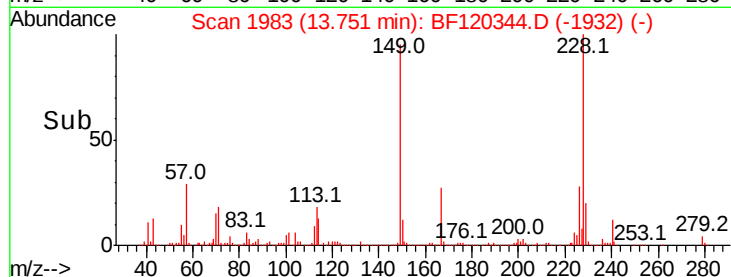
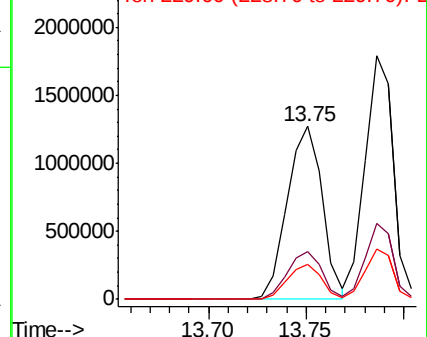


Abundance

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: 25.680 ng

RT: 13.72 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

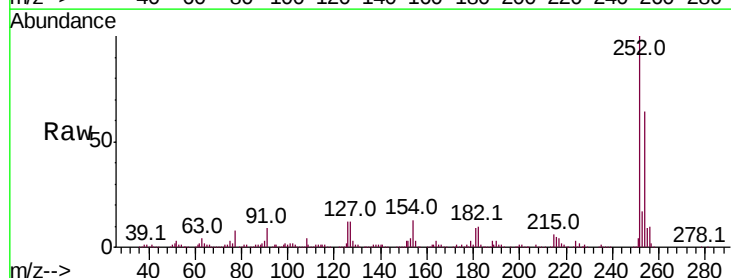
Tgt Ion:252 Resp: 380324

Ion Ratio Lower Upper

252 100

254 63.6 52.6 78.8

126 11.7 10.7 16.1

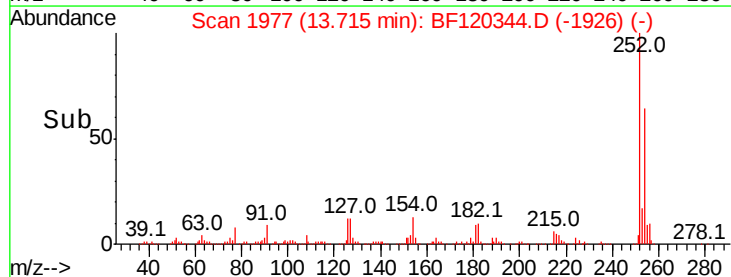
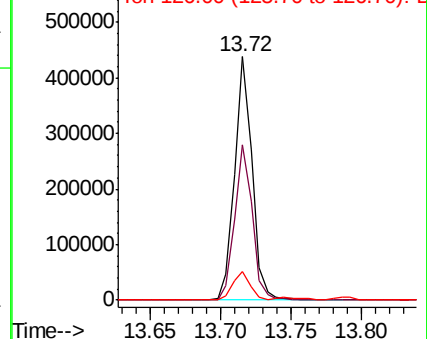


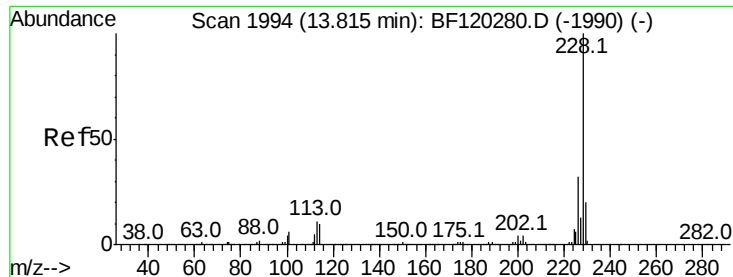
Abundance

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: 43.213 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB128942BSD

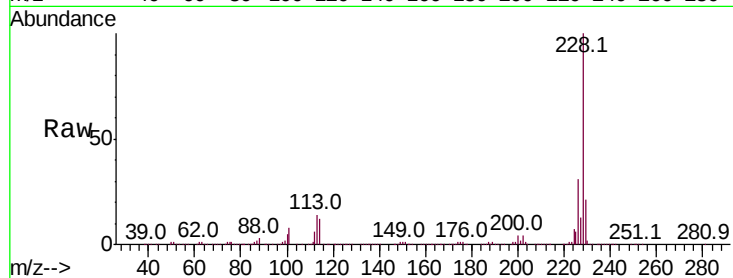
Tot Ion:228 Resp: 1823632

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

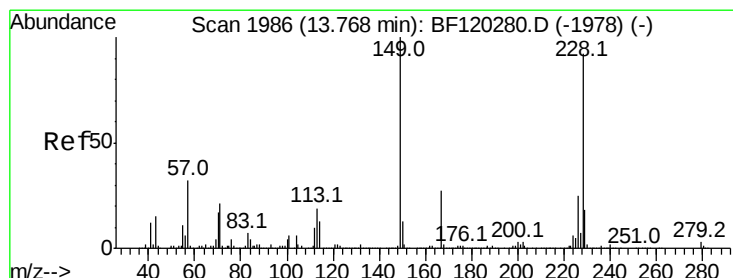
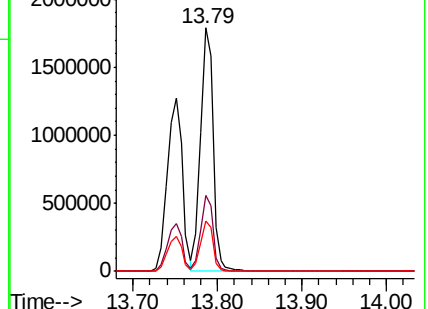
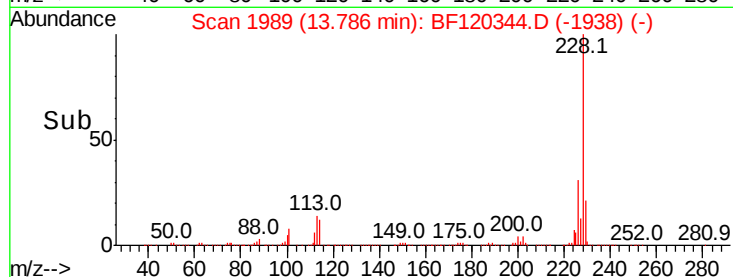
229 20.8 16.2 24.4



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: 37.431 ng

RT: 13.75 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

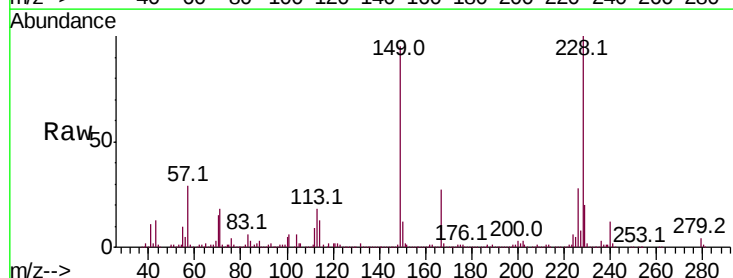
Tgt Ion:149 Resp: 1164867

Ion Ratio Lower Upper

149 100

167 28.2 21.8 32.8

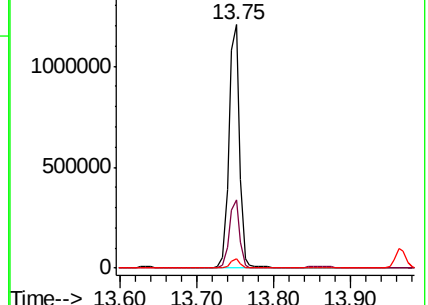
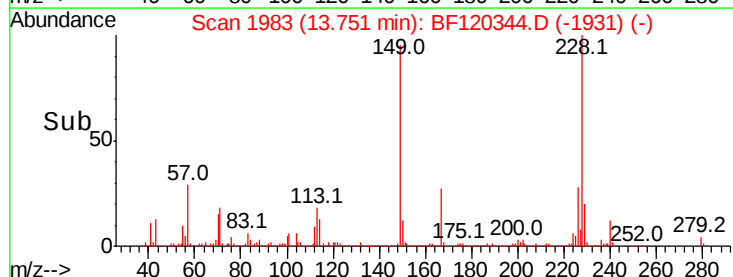
279 4.0 2.8 4.2

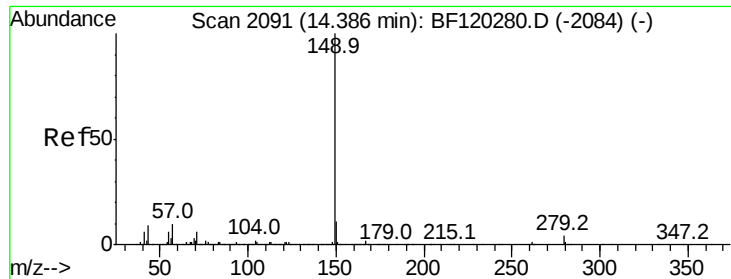


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.380 ng

RT: 14.36 min Scan# 2086

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB128942BSD

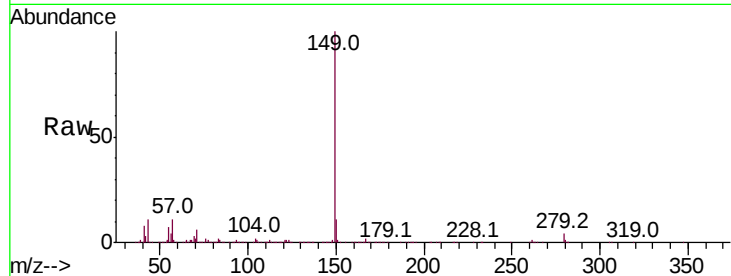
Tot Ion:149 Resp: 2204679

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

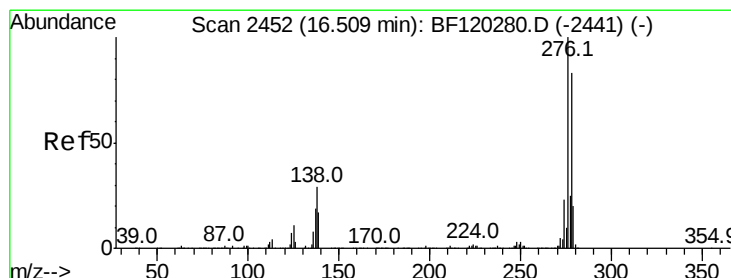
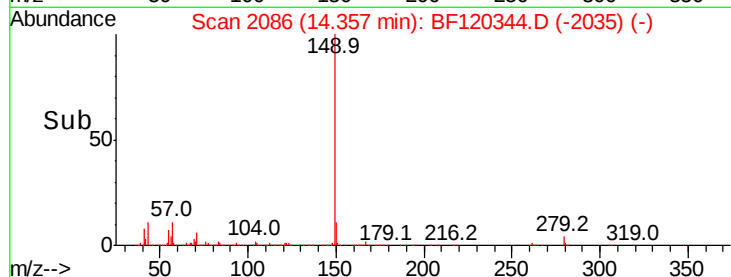
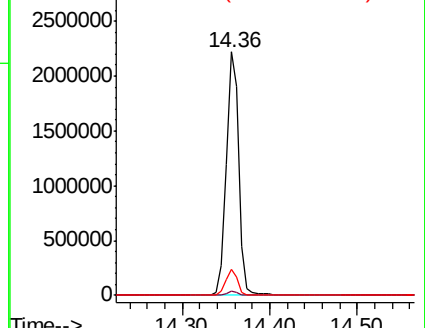
43 10.0 7.5 11.3



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: 42.887 ng

RT: 16.46 min Scan# 2444

Delta R.T. 0.01 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

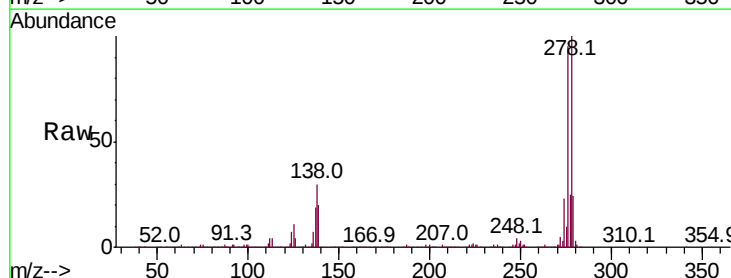
Tgt Ion:276 Resp: 1642627

Ion Ratio Lower Upper

276 100

138 29.2 23.3 34.9

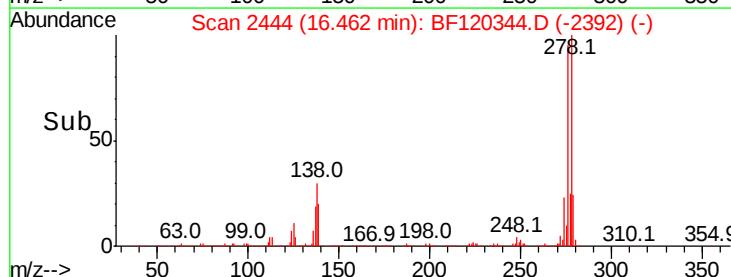
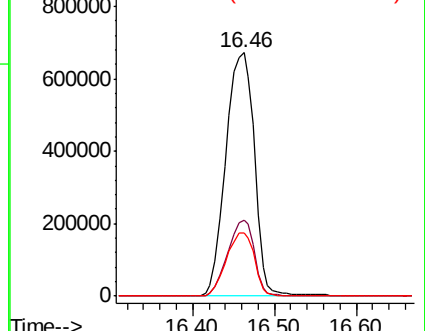
277 25.6 20.2 30.4

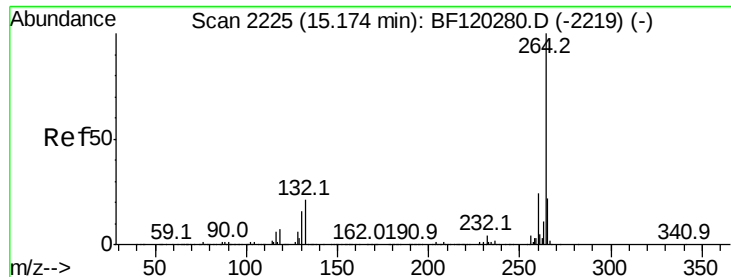


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.14 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB128942BSD

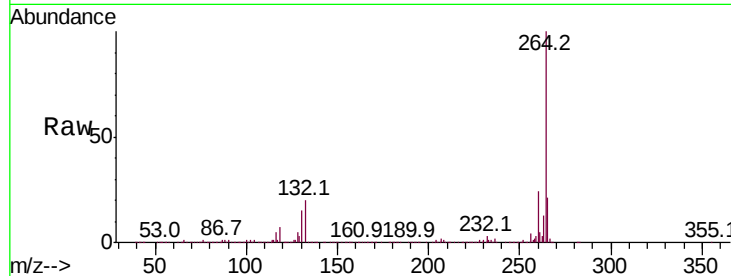
Tot Ion:264 Resp: 810287

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

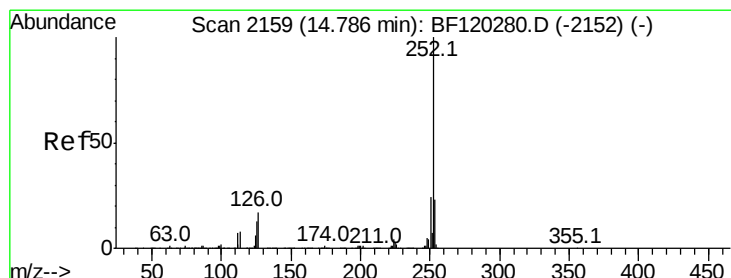
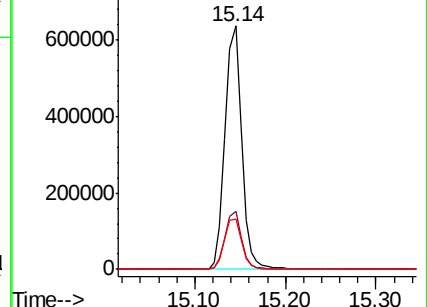
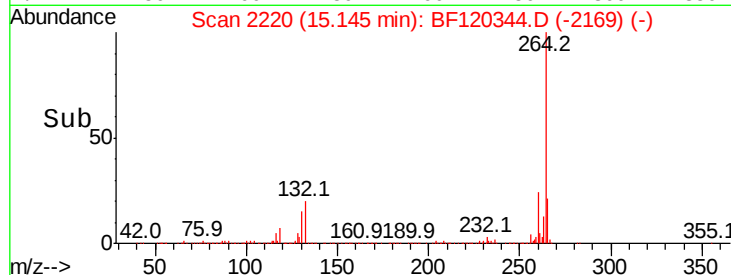
265 20.9 17.5 26.3



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: 40.441 ng

RT: 14.76 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

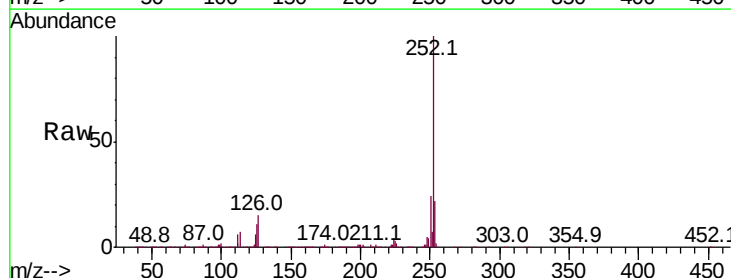
Tgt Ion:252 Resp: 1789603

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

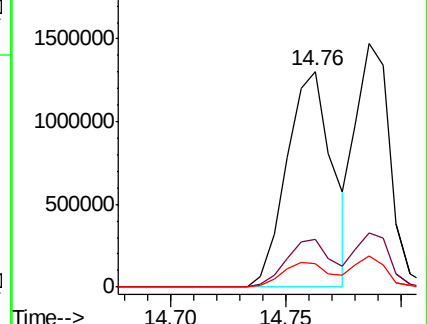
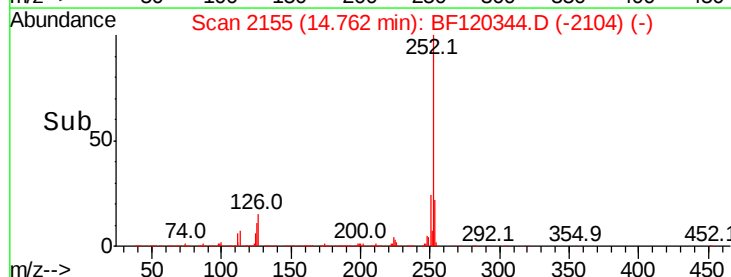
125 11.1 10.4 15.6

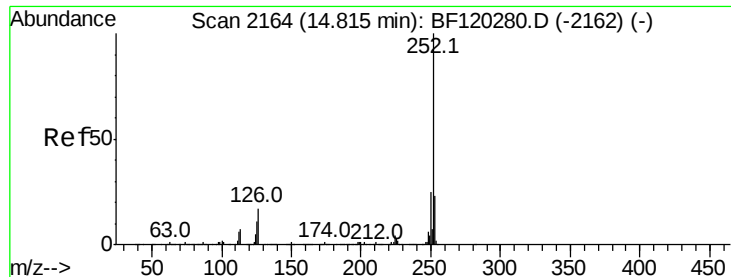


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

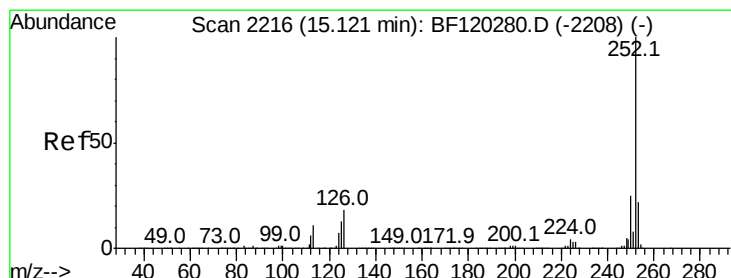
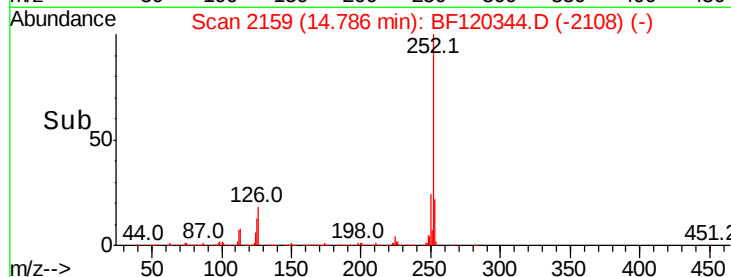
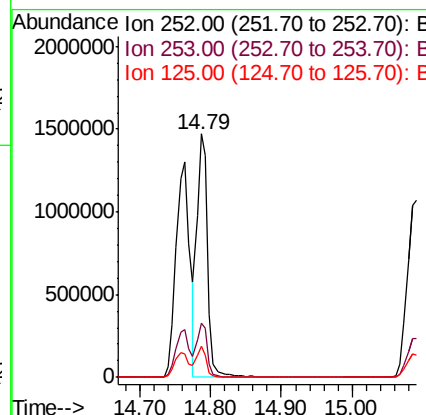
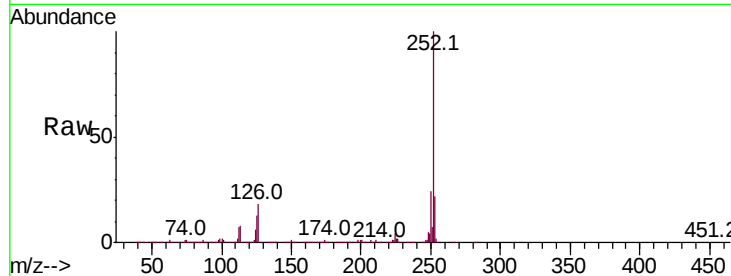




#89
Benzo(k)fluoranthene
Concen: 40.650 ng
RT: 14.79 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

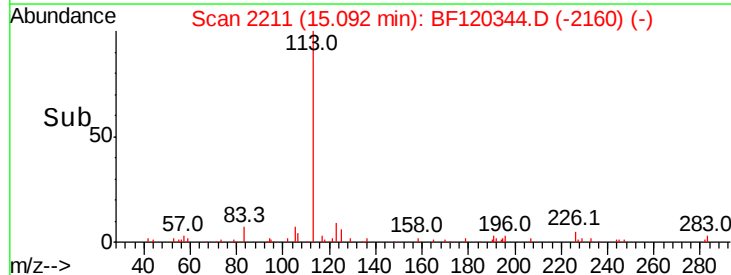
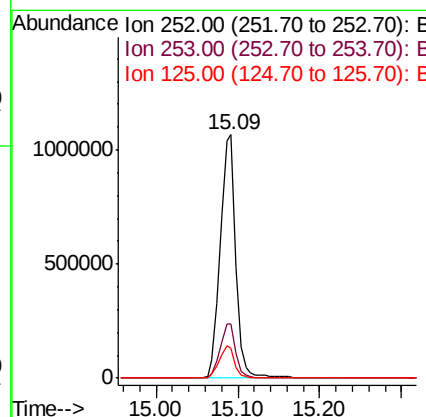
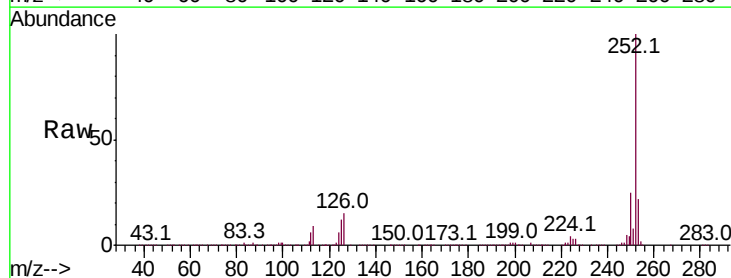
Instrument :
BNA_F
ClientSampleId :
PB128942BSD

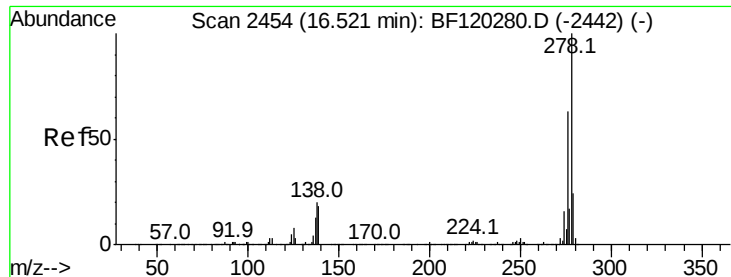
Tot Ion:252 Resp: 1558459
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 12.6 9.9 14.9



#90
Benzo(a)pyrene
Concen: 35.613 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Tgt Ion:252 Resp: 1413351
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 12.3 10.6 16.0





#91

Dibenzo(a,h)anthracene

Concen: 39.327 ng

RT: 16.47 min Scan# 2445

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB128942BSD

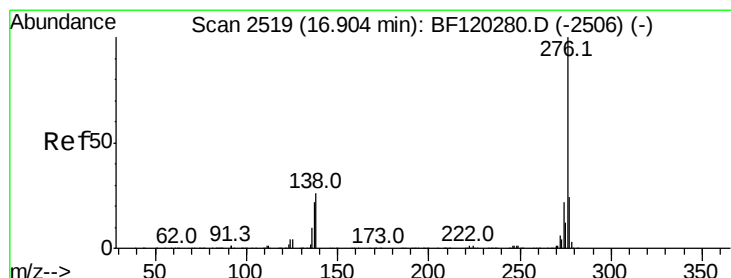
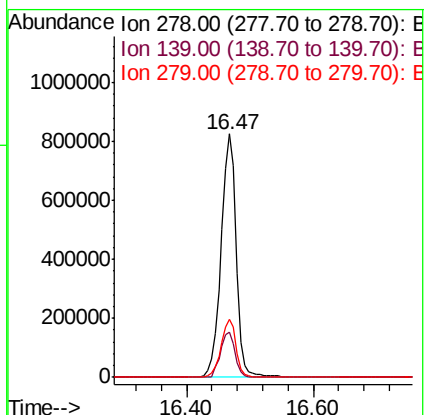
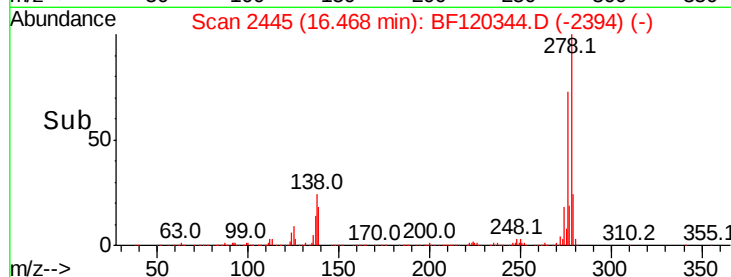
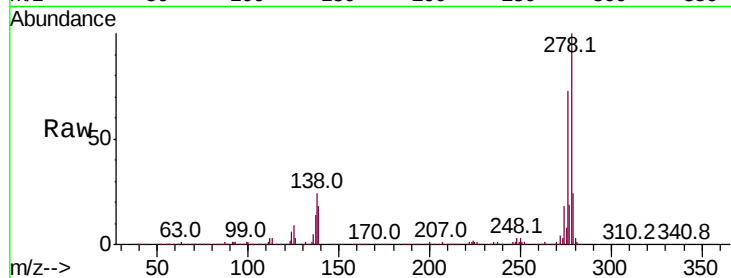
Tot Ion:278 Resp: 1382643

Ion Ratio Lower Upper

278 100

139 18.4 14.7 22.1

279 24.0 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 39.371 ng

RT: 16.85 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Tgt Ion:276 Resp: 1395816

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 24.3 20.8 31.2

