

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF051820\
 Data File : BF120343.D
 Acq On : 18 May 2020 15:56
 Operator : MA/SJ
 Sample : PB128942BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128942BS

Quant Time: May 18 16:29:08 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	324258	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1247047	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	621879	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	1149926	20.00	ng	0.00
76) Chrysene-d12	13.76	240	795871	20.00	ng	0.00
87) Perylene-d12	15.14	264	775365	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1600379	96.03	ng	0.01
7) Phenol-d6	6.26	99	1935036	91.82	ng	0.00
23) Nitrobenzene-d5	7.17	82	1839408	100.99	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	502217	99.05	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	3214743	106.20	ng	0.00
79) Terphenyl-d14	12.71	244	3259656	90.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	324493	48.948	ng	98
3) Pyridine	2.97	79	730475	35.053	ng	99
4) n-Nitrosodimethylamine	2.93	42	393373	48.209	ng	94
6) Aniline	6.27	93	909487	33.744	ng	# 86
8) 2-Chlorophenol	6.39	128	901191	46.378	ng	98
9) Benzaldehyde	6.15	77	545351	41.976	ng	94
10) Phenol	6.27	94	1099311	44.685	ng	81
11) bis(2-Chloroethyl)ether	6.35	93	819101	41.681	ng	97
12) 1,3-Dichlorobenzene	6.54	146	886567	42.639	ng	99
13) 1,4-Dichlorobenzene	6.62	146	924009	43.148	ng	99
14) 1,2-Dichlorobenzene	6.77	146	814778	42.250	ng	98
15) Benzyl Alcohol	6.76	79	678527	45.319	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	1358434	43.863	ng	82
17) 2-Methylphenol	6.88	107	694086	42.313	ng	95
18) Hexachloroethane	7.11	117	343665	42.125	ng	98
19) n-Nitroso-di-n-propylamine	7.03	70	595422	43.125	ng	94
20) 3+4-Methylphenols	7.04	107	902728	42.328	ng	96
22) Acetophenone	7.02	105	1207355	47.260	ng	97
24) Nitrobenzene	7.19	77	903908	46.113	ng	98
25) Isophorone	7.43	82	1710333	45.130	ng	98
26) 2-Nitrophenol	7.51	139	492487	48.039	ng	97
27) 2,4-Dimethylphenol	7.56	122	776329	52.057	ng	97
28) bis(2-Chloroethoxy)methane	7.65	93	1096723	46.041	ng	100
29) 2,4-Dichlorophenol	7.76	162	715579	46.720	ng	99
30) 1,2,4-Trichlorobenzene	7.83	180	762421	44.920	ng	98
31) Naphthalene	7.91	128	2456813	46.680	ng	99
32) Benzoic acid	7.72	122	437963	44.803	ng	100
33) 4-Chloroaniline	7.97	127	628748	26.214	ng	99
34) Hexachlorobutadiene	8.03	225	426742	43.499	ng	98
35) Caprolactam	8.41	113	101518	20.260	ng	94
36) 4-Chloro-3-methylphenol	8.47	107	770153	46.481	ng	97
37) 2-Methylnaphthalene	8.60	142	1632268	45.320	ng	98
38) 1-Methylnaphthalene	8.70	142	1584225	45.351	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	729324	46.510	ng	99

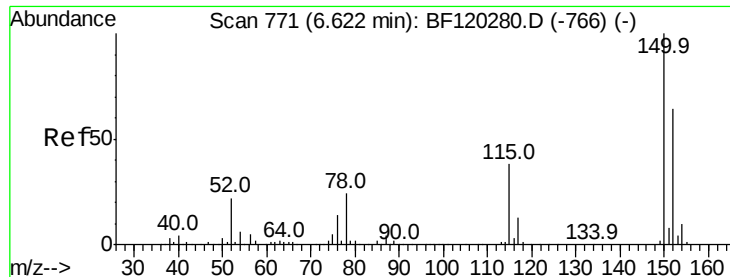
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF051820\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.76	237	640237	97.406	nq	98
43) 2,4,6-Trichlorophenol	8.89	196	478951	45.503	nq	98
44) 2,4,5-Trichlorophenol	8.94	196	527080	43.604	nq	98
46) 1,1'-Biphenyl	9.07	154	1976955	48.519	nq	100
47) 2-Chloronaphthalene	9.09	162	1488626	45.545	nq	99
48) 2-Nitroaniline	9.20	65	550735	46.182	nq	98
49) Acenaphthylene	9.50	152	2371333	47.496	nq	100
50) Dimethylphthalate	9.38	163	1751628	44.557	nq	100
51) 2,6-Dinitrotoluene	9.44	165	395134	45.035	nq	97
52) Acenaphthene	9.67	154	1372675	45.868	nq	100
53) 3-Nitroaniline	9.61	138	276305	26.408	nq	97
54) 2,4-Dinitrophenol	9.73	184	367590	88.755	nq	91
55) Dibenzofuran	9.85	168	2008680	46.609	nq	100
56) 4-Nitrophenol	9.80	139	493512	87.781	nq	88
57) 2,4-Dinitrotoluene	9.85	165	466296	45.305	nq	97
58) Fluorene	10.19	166	1580932	48.169	nq	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	430503	47.324	nq	99
60) Diethylphthalate	10.08	149	1741519	45.887	nq	99
61) 4-Chlorophenyl-phenylether	10.19	204	753282	44.144	nq	95
62) 4-Nitroaniline	10.23	138	430179	44.152	nq	99
63) Azobenzene	10.35	77	1666075	46.448	nq	95
65) 4,6-Dinitro-2-methylphenol	10.26	198	273183	46.974	nq	90
66) n-Nitrosodiphenylamine	10.31	169	1492605	46.917	nq	99
67) 4-Bromophenyl-phenylether	10.67	248	477193	42.765	nq	96
68) Hexachlorobenzene	10.74	284	518236	44.393	nq	96
69) Atrazine	10.85	200	411657	43.244	nq	99
70) Pentachlorophenol	10.94	266	448169	90.266	nq	100
71) Phenanthrene	11.15	178	2283665	47.261	nq	99
72) Anthracene	11.20	178	2469608	47.742	nq	99
73) Carbazole	11.36	167	2251628	46.586	nq	99
74) Di-n-butylphthalate	11.70	149	2673944	45.905	nq	99
75) Fluoranthene	12.33	202	2525449	48.762	nq	99
77) Benzidine	12.46	184	1253889	53.952	nq	96
78) Pyrene	12.56	202	2547331	44.896	nq	99
80) Butylbenzylphthalate	13.19	149	1162726	43.520	nq	97
81) Benzo(a)anthracene	13.75	228	1957881	46.642	nq	99
82) 3,3'-Dichlorobenzidine	13.72	252	518454	32.774	nq	99
83) Chrysene	13.79	228	2086674	46.293	nq	99
84) Bis(2-ethylhexyl)phthalate	13.75	149	1416346	42.610	nq	99
85) Di-n-octyl phthalate	14.36	149	2670281	44.655	nq	98
86) Indeno(1,2,3-cd)pyrene	16.46	276	1794541	43.865	nq	100
88) Benzo(b)fluoranthene	14.76	252	1989297	46.979	nq	99
89) Benzo(k)fluoranthene	14.79	252	1799505	49.051	nq	100
90) Benzo(a)pyrene	15.09	252	1734092	45.663	nq	99
91) Dibenzo(a,h)anthracene	16.47	278	1491239	44.326	nq	99
92) Benzo(g,h,i)perylene	16.85	276	1510232	44.516	nq	98

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

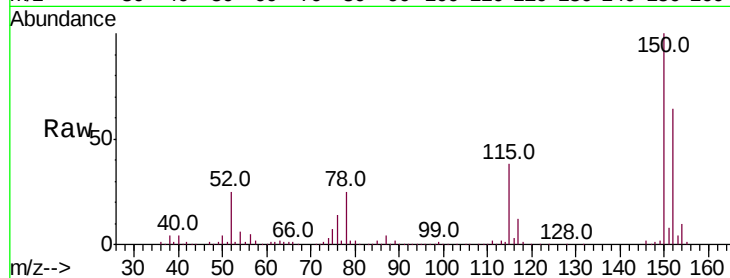


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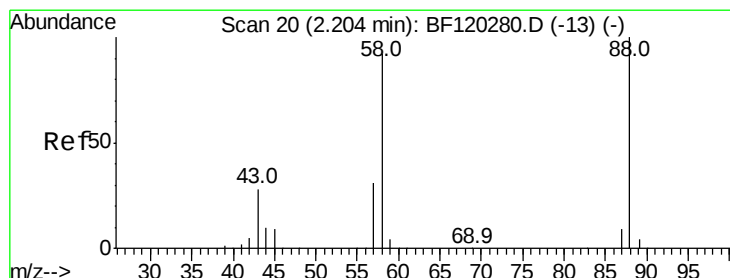
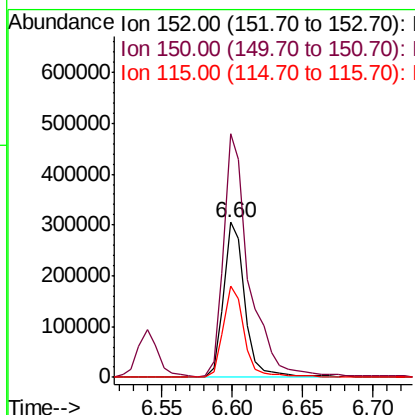
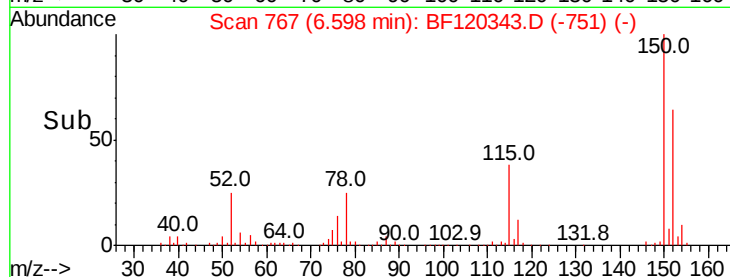
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Instrument :
BNA_F
ClientSampleId :
PB128942BS

Tot Ion:152 Resp: 324258
Ion Ratio Lower Upper
152 100
150 157.2 126.2 189.2
115 58.9 47.9 71.9



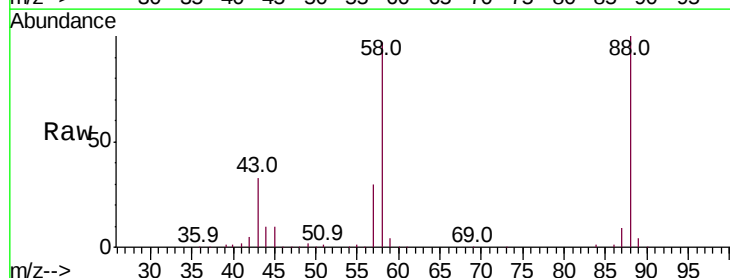
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



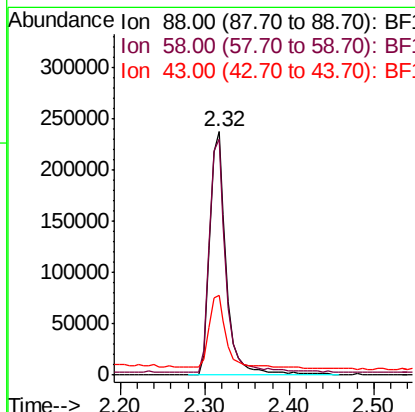
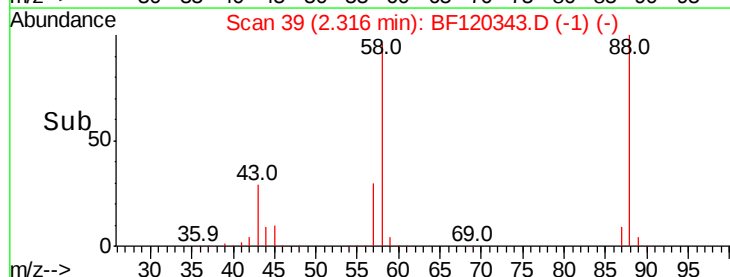
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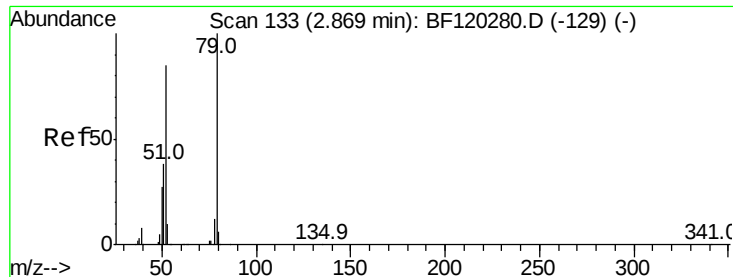
1,4-Dioxane
Concen: 48.948 ng
RT: 2.32 min Scan# 39
Delta R.T. 0.11 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Tgt Ion: 88 Resp: 324493
Ion Ratio Lower Upper
88 100
58 95.8 75.8 113.6
43 32.2 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: 35.053 ng

RT: 2.97 min Scan# 150

Delta R.T. 0.11 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

ClientSampleId :

PB128942BS

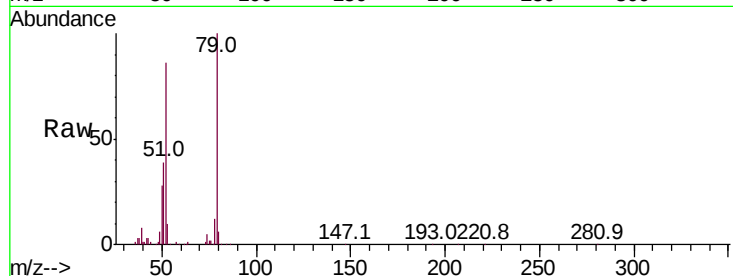
Tot Ion: 79 Resp: 730475

Ion Ratio Lower Upper

79 100

52 86.4 68.4 102.6

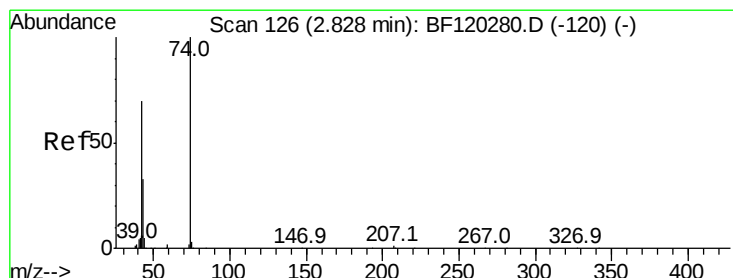
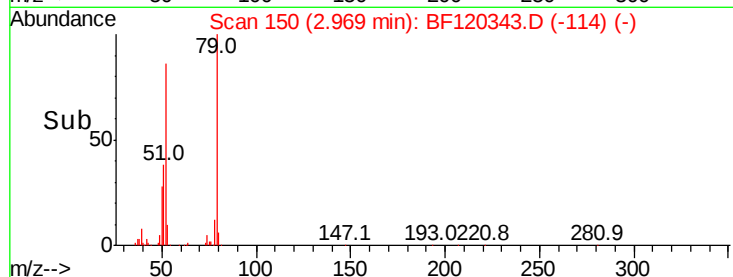
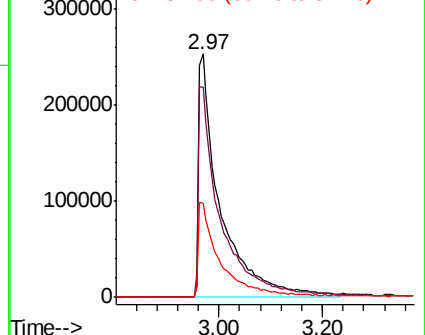
51 38.7 31.0 46.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 48.209 ng

RT: 2.93 min Scan# 143

Delta R.T. 0.10 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

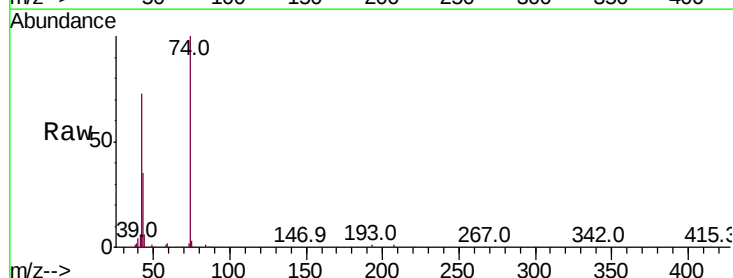
Tgt Ion: 42 Resp: 393373

Ion Ratio Lower Upper

42 100

74 136.5 114.8 172.2

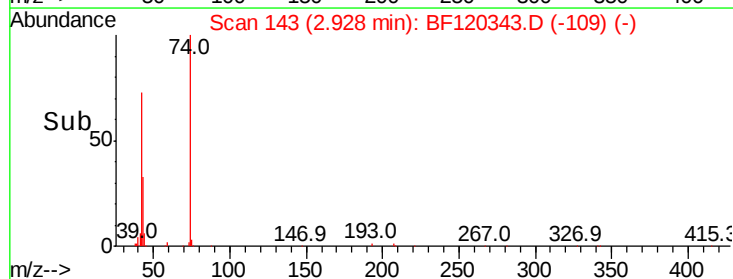
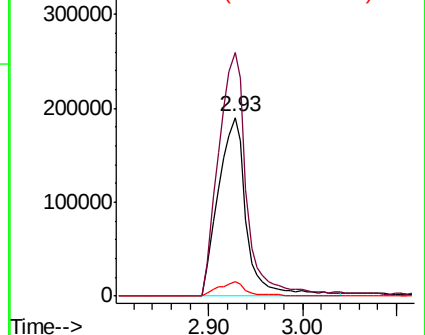
44 8.2 5.6 8.4

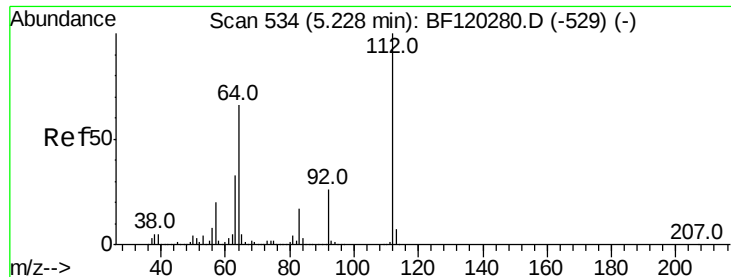


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 96.030 ng

RT: 5.22 min Scan# 533

Delta R.T. 0.01 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

ClientSampleId :

PB128942BS

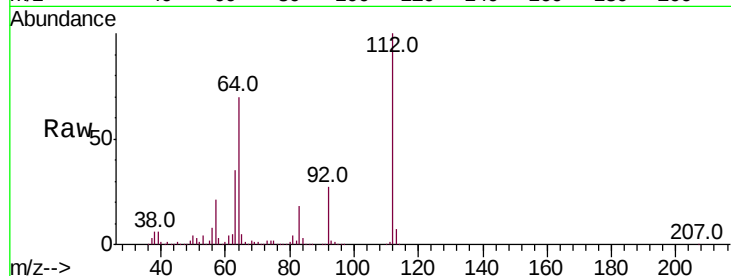
Tot Ion:112 Resp: 1600379

Ion Ratio Lower Upper

112 100

64 70.1 52.7 79.1

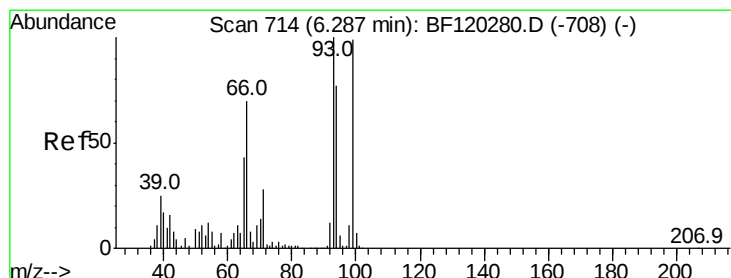
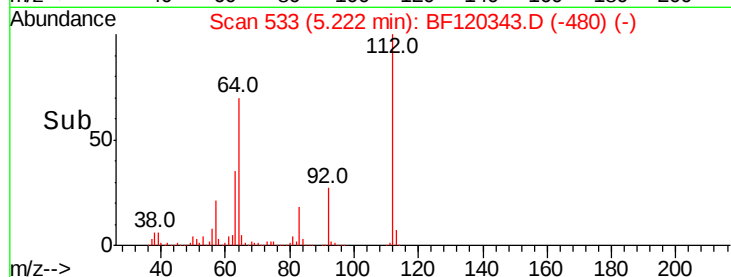
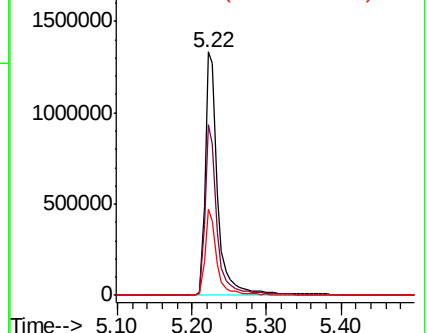
63 35.1 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.744 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

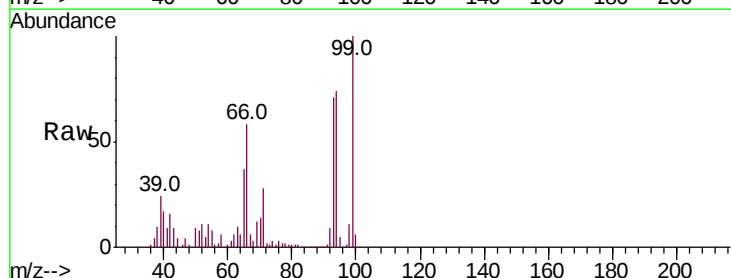
Tgt Ion: 93 Resp: 909487

Ion Ratio Lower Upper

93 100

66 82.0 56.2 84.4

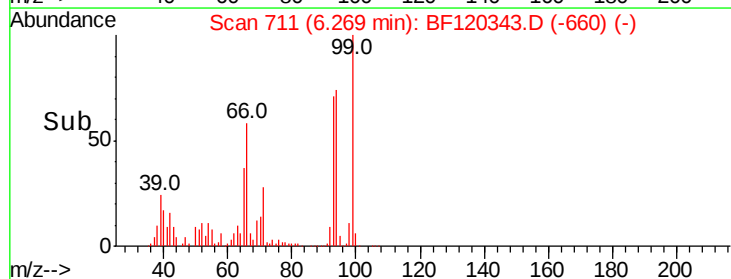
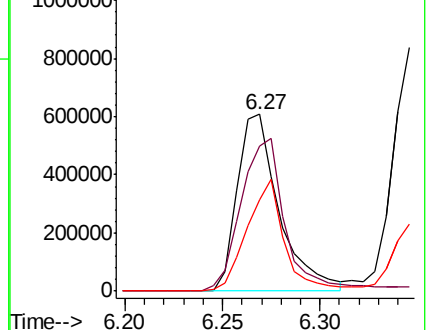
65 51.9 34.2 51.2#

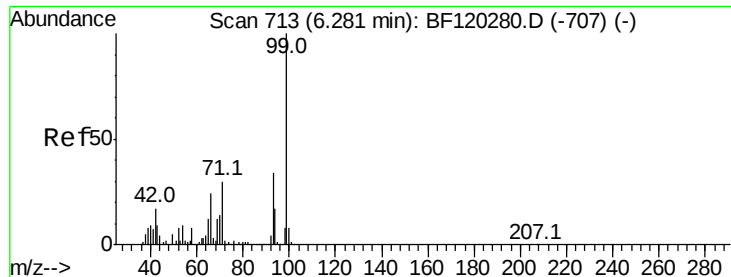


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.817 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

ClientSampleId :

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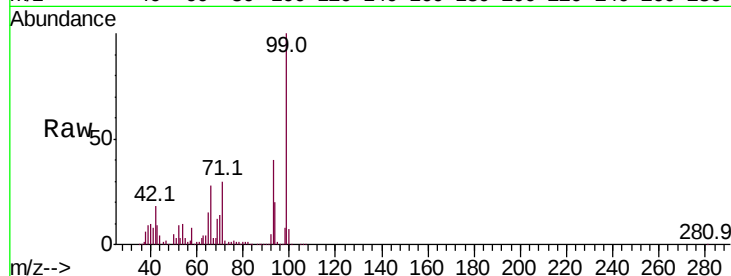
Tot Ion: 99 Resp: 1935036

Ion Ratio Lower Upper

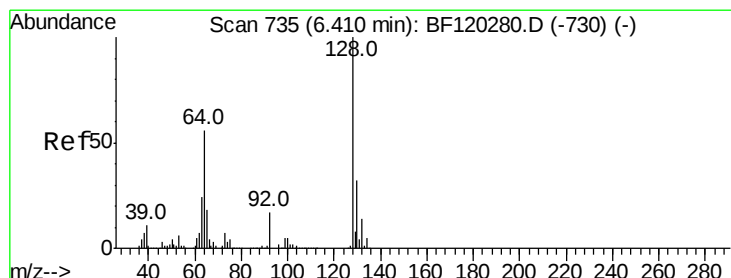
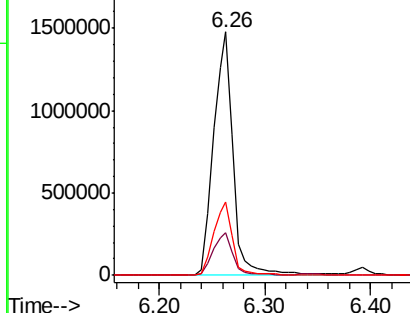
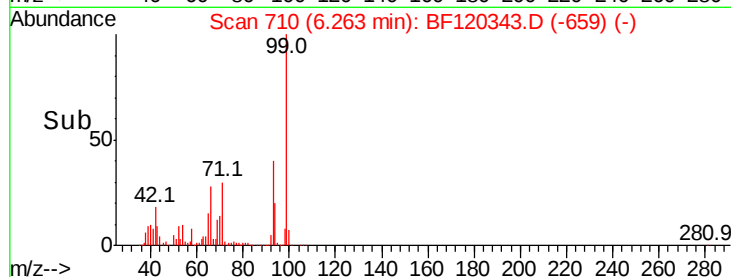
99 100

42 17.8 13.6 20.4

71 30.2 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: 46.378 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

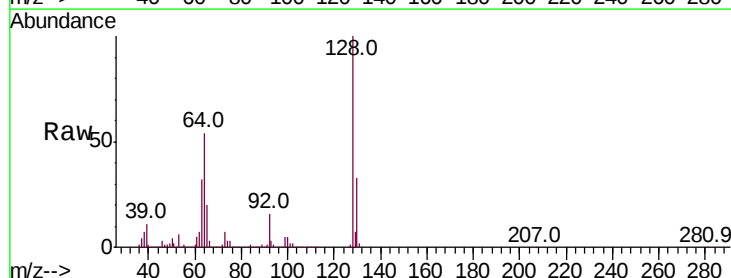
Tgt Ion: 128 Resp: 901191

Ion Ratio Lower Upper

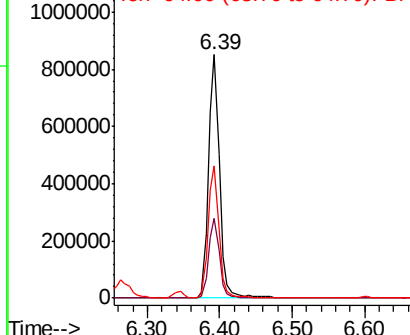
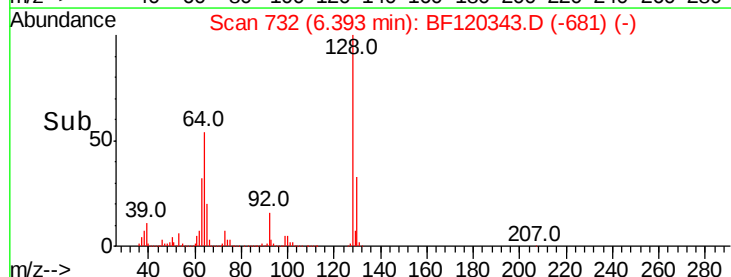
128 100

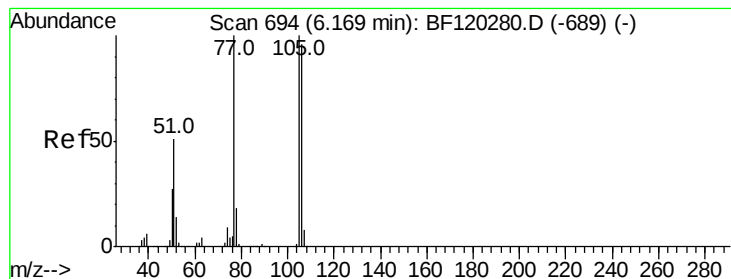
130 32.6 12.4 52.4

64 54.3 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: 41.976 ng

RT: 6.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

ClientSampleId :

PB128942BS

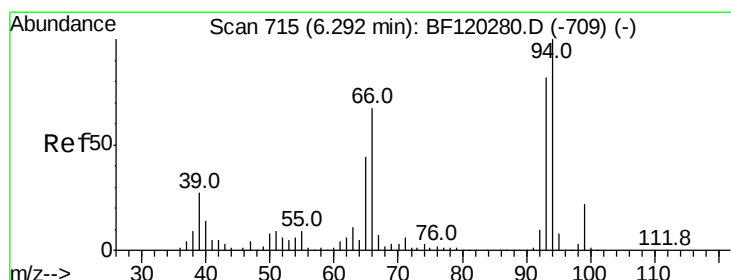
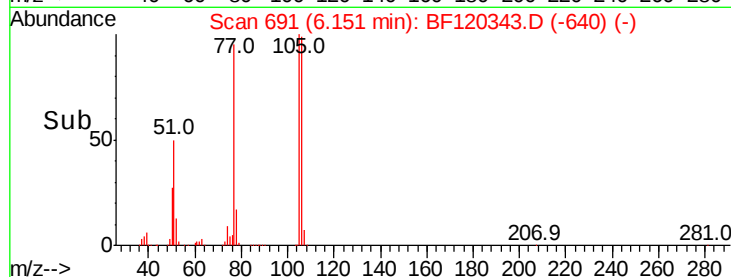
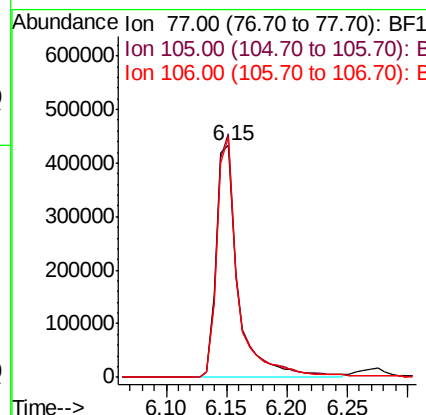
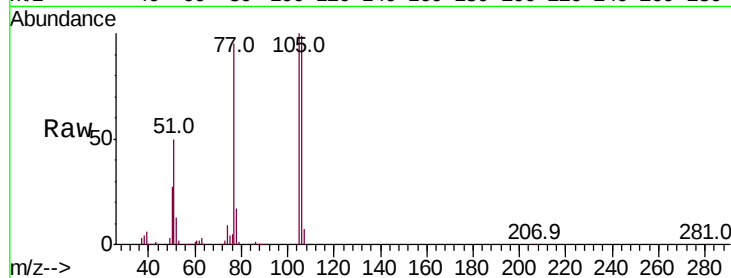
Tot Ion: 77 Resp: 545351

Ion Ratio Lower Upper

77 100

105 104.9 79.9 119.9

106 103.4 75.7 115.7



#10

Phenol

Concen: 44.685 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

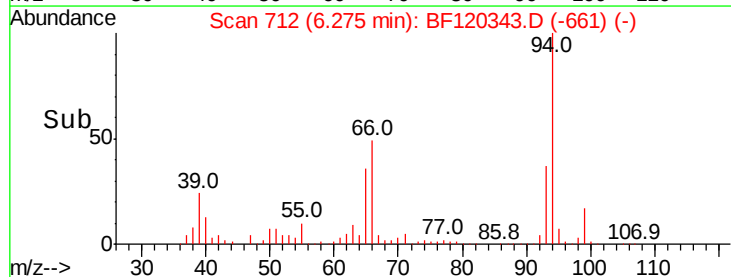
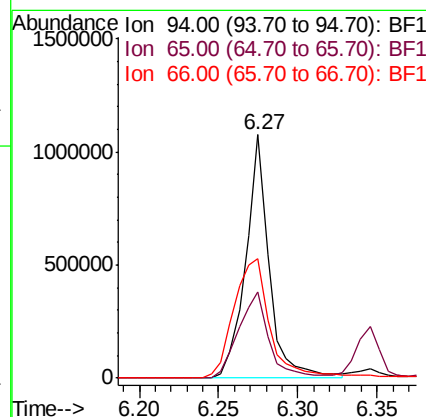
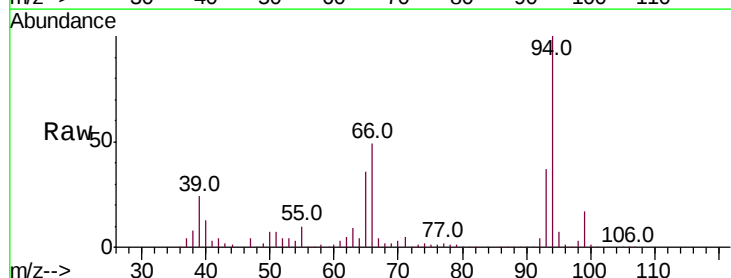
Tgt Ion: 94 Resp: 1099311

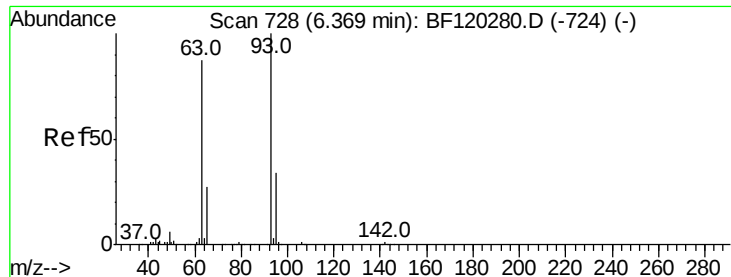
Ion Ratio Lower Upper

94 100

65 35.7 24.1 64.1

66 48.8 47.5 87.5

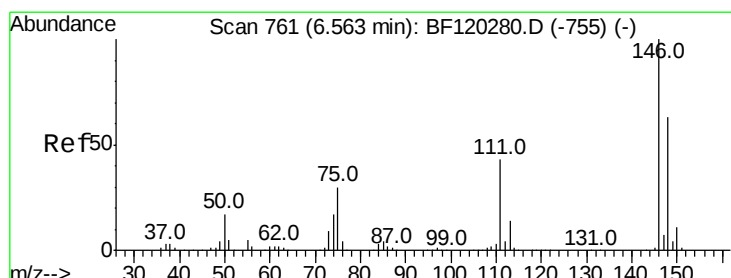
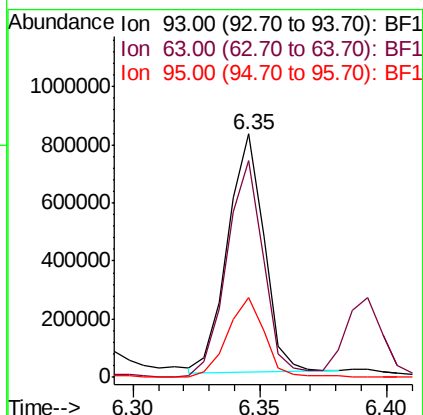
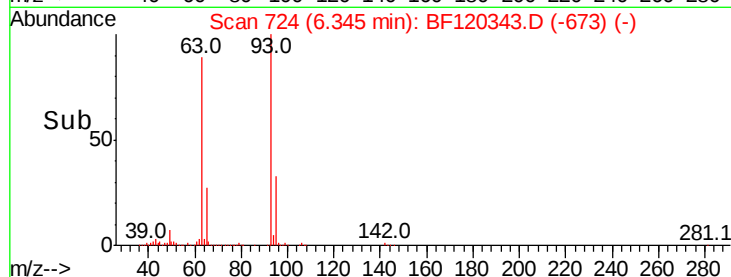
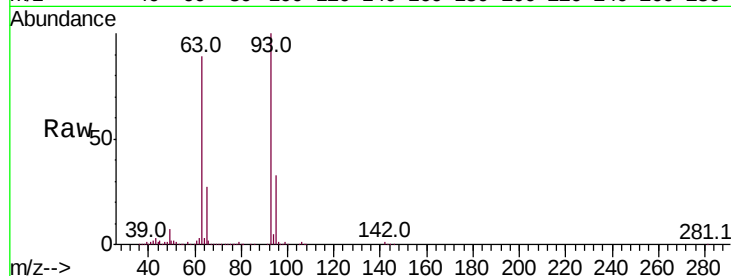




#11
bis(2-Chloroethyl)ether
Concen: 41.681 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

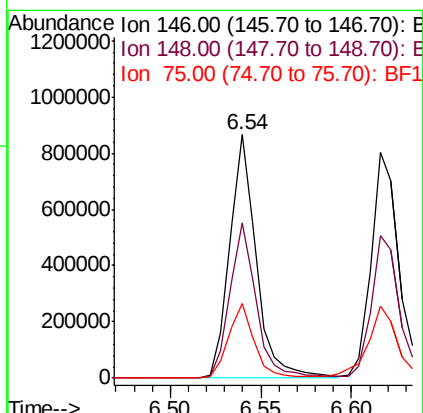
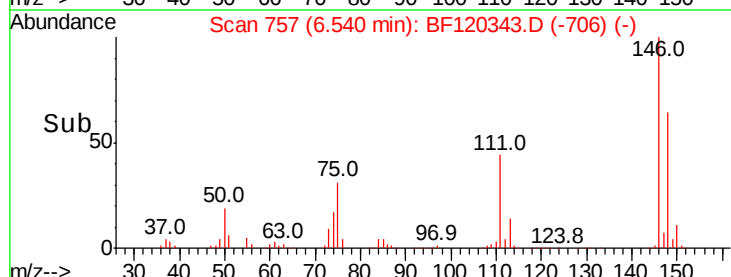
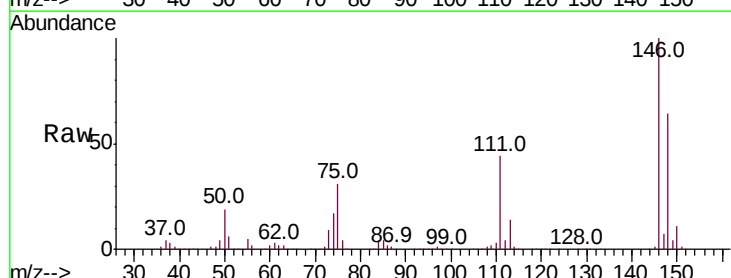
Instrument :
BNA_F
ClientSampled :
PB128942BS

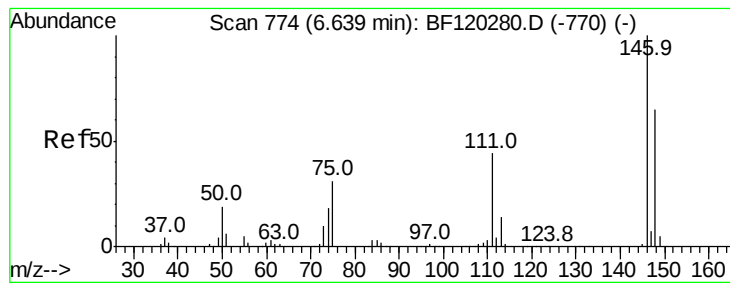
Tot Ion: 93 Resp: 819101
Ion Ratio Lower Upper
93 100
63 89.2 65.4 105.4
95 33.0 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 42.639 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Tgt Ion: 146 Resp: 886567
Ion Ratio Lower Upper
146 100
148 63.9 50.5 75.7
75 30.6 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 43.148 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

ClientSampleId :

PB128942BS

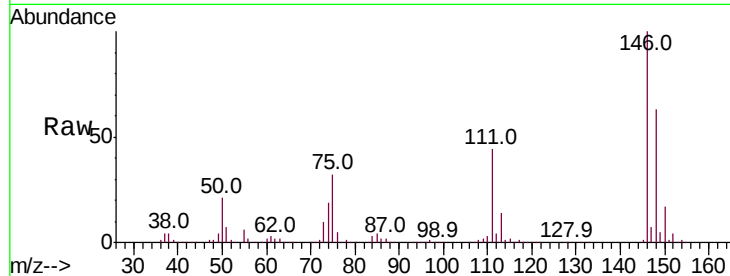
Tot Ion:146 Resp: 924009

Ion Ratio Lower Upper

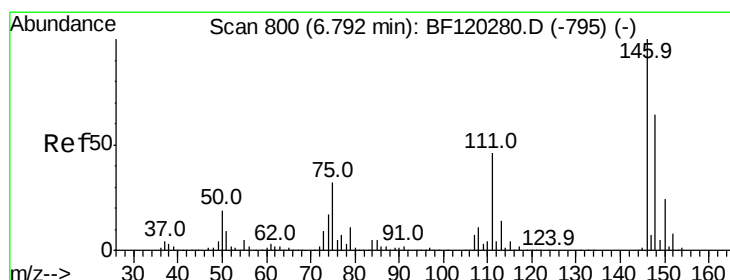
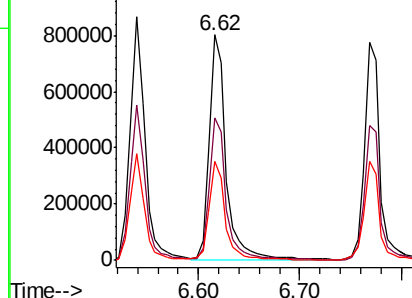
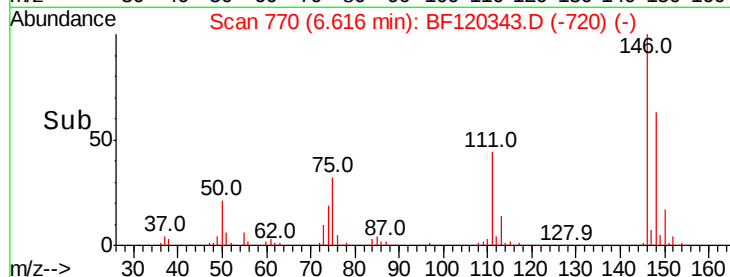
146 100

148 63.2 51.6 77.4

111 43.8 35.1 52.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.250 ng

RT: 6.77 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

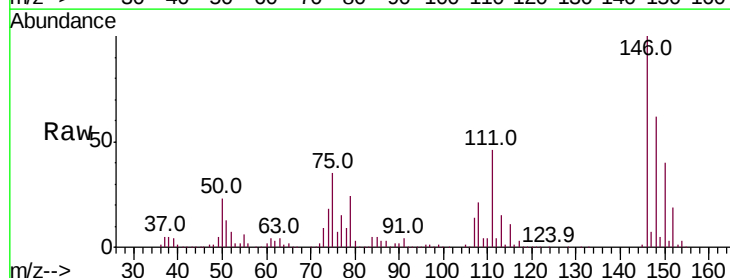
Tgt Ion:146 Resp: 814778

Ion Ratio Lower Upper

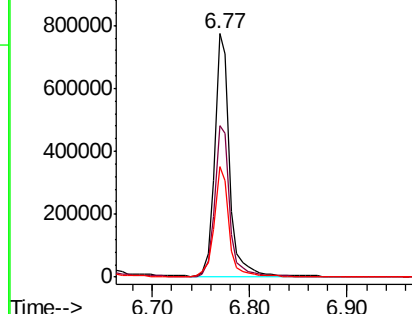
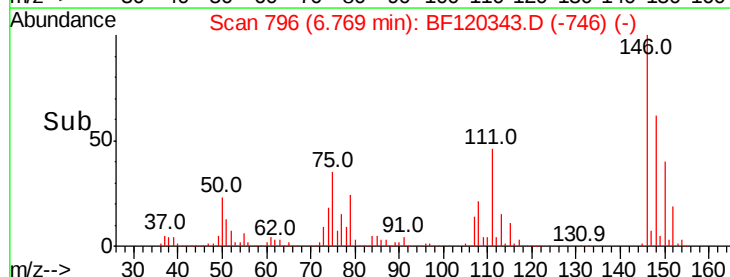
146 100

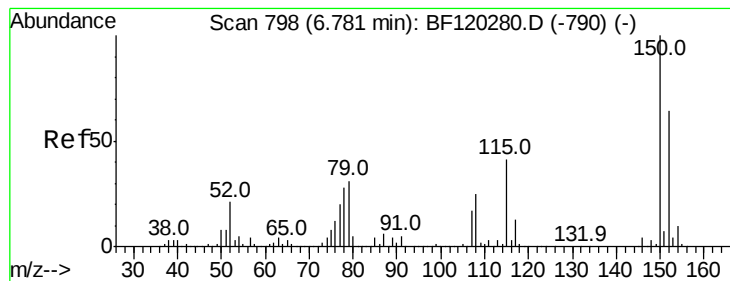
148 62.0 51.1 76.7

111 45.5 36.6 55.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.319 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

ClientSampleId :

PB128942BS

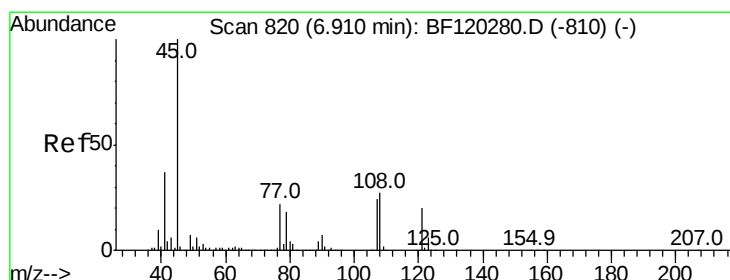
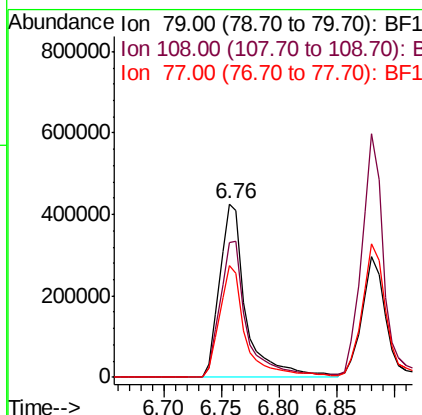
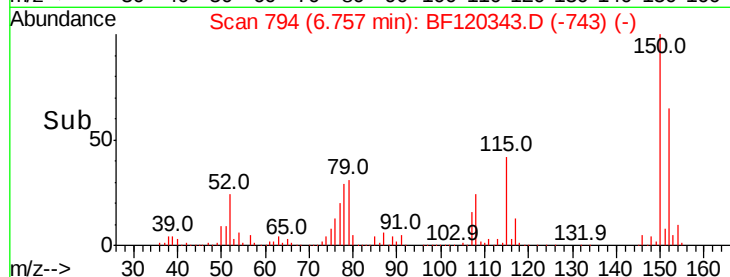
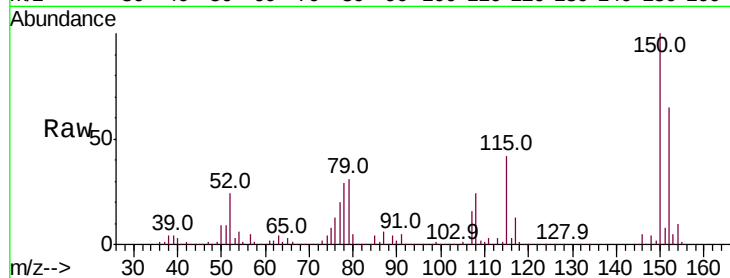
Tot Ion: 79 Resp: 678527

Ion Ratio Lower Upper

79 100

108 77.7 64.2 96.4

77 64.2 51.6 77.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.863 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

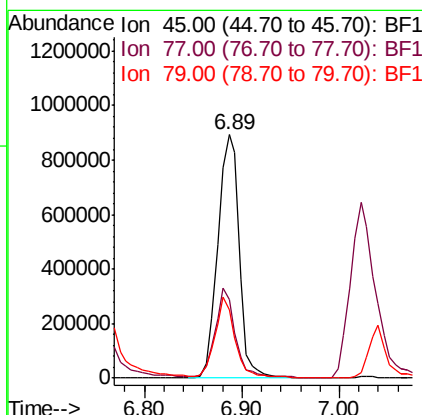
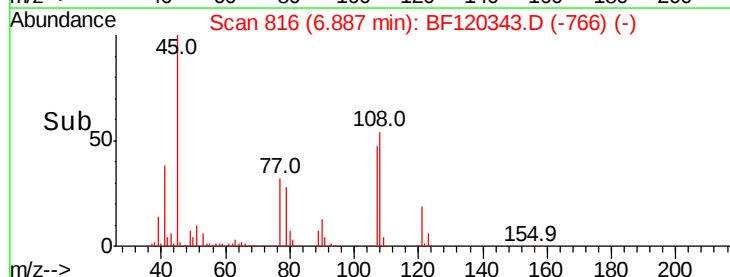
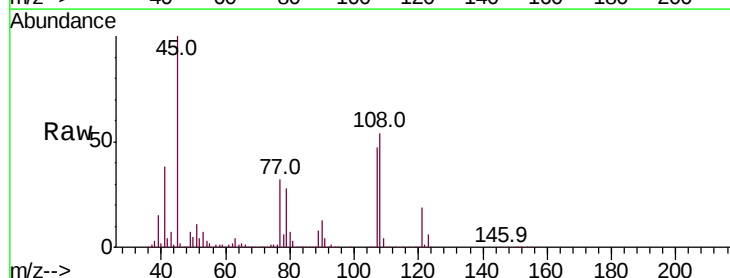
Tgt Ion: 45 Resp: 1358434

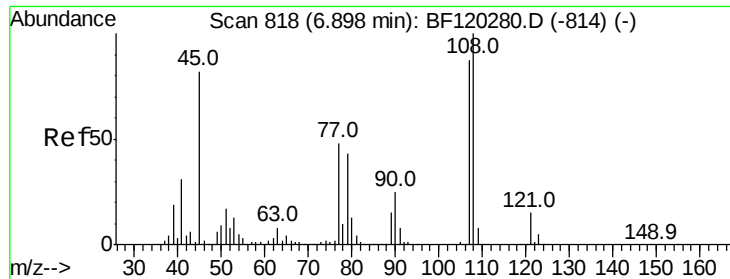
Ion Ratio Lower Upper

45 100

77 32.0 3.1 43.1

79 28.2 0.0 40.0

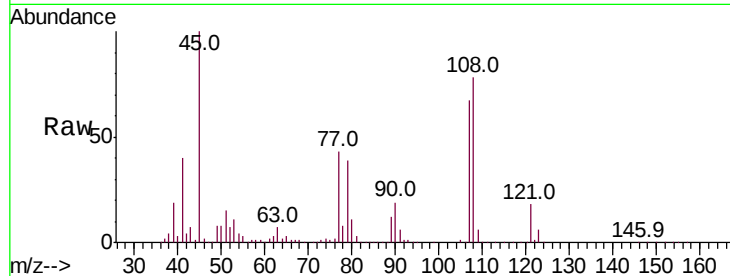




#17
2-Methylphenol
Concen: 42.313 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Instrument :
BNA_F
ClientSampleId :
PB128942BS

Tot Ion:	107	Resp:	694086
Ion	Ratio	Lower	Upper
107	100		
108	115.5	92.4	138.6
77	63.4	44.5	66.7
79	57.4	40.4	60.6



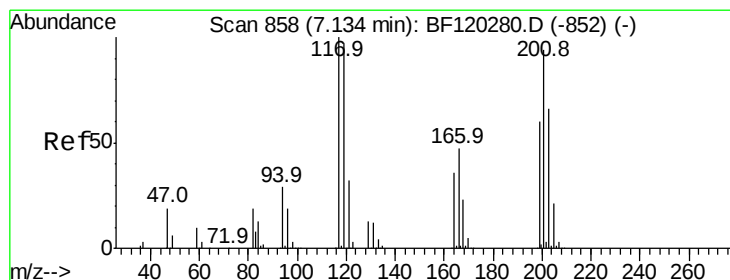
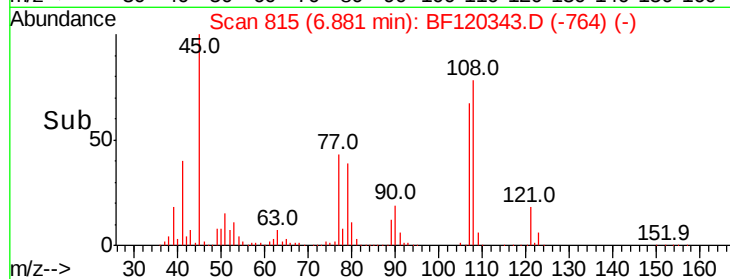
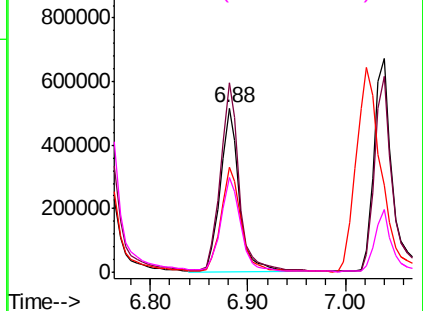
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

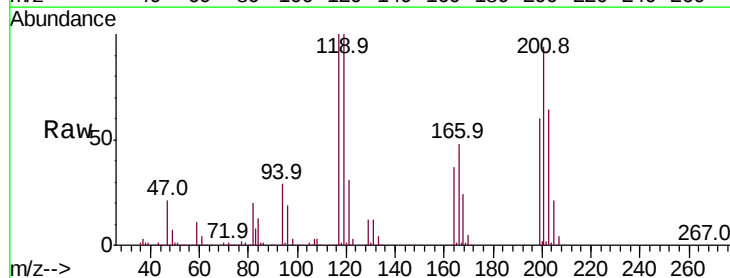
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 42.125 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Tgt Ion:	117	Resp:	343665
Ion	Ratio	Lower	Upper
117	100		
119	100.3	77.4	116.0
201	94.8	74.9	112.3

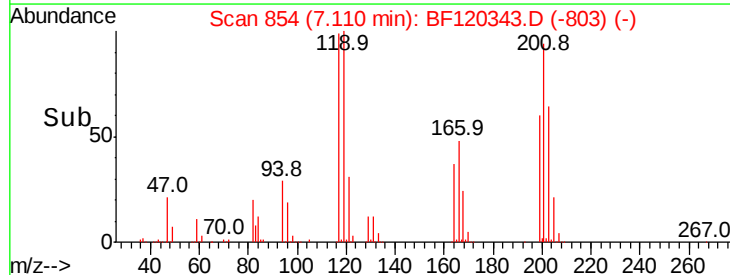
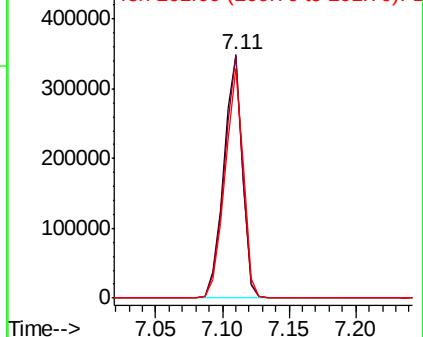


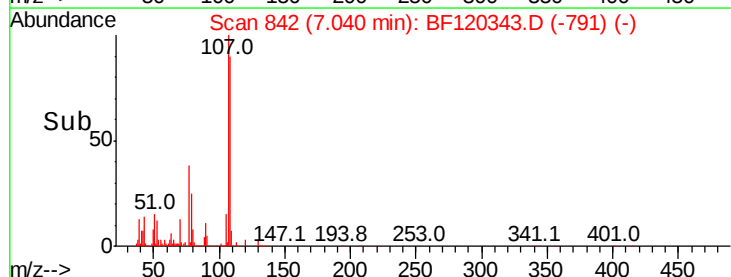
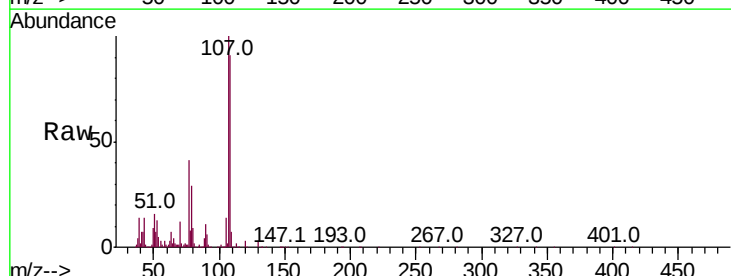
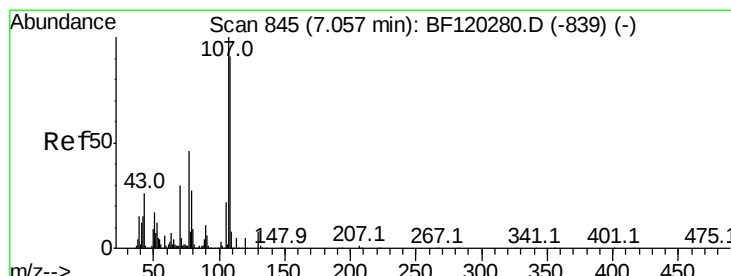
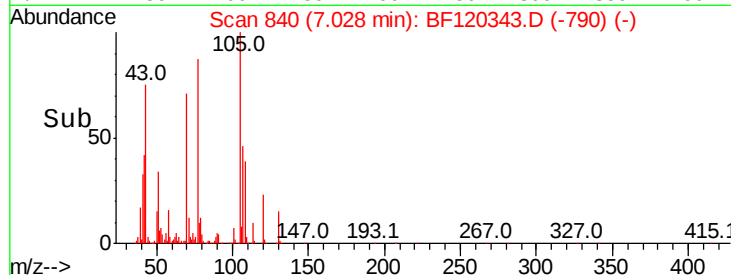
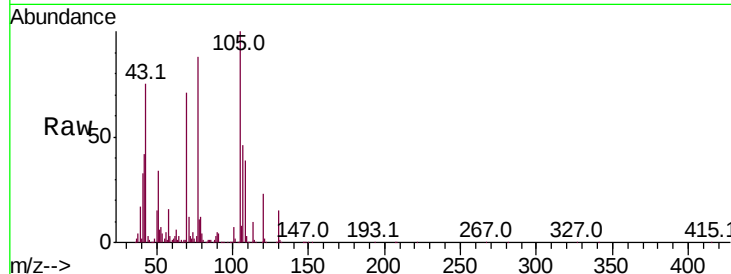
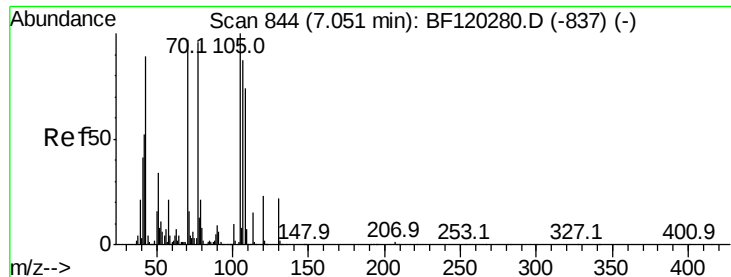
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

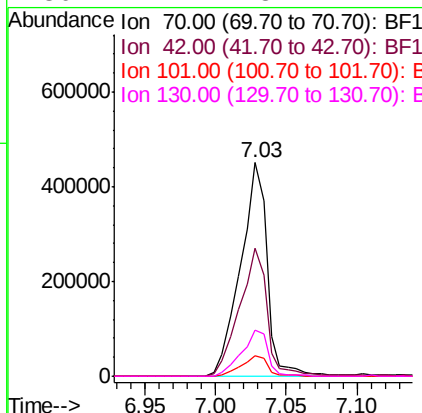




#19
n-Nitroso-di-n-propylamine
Concen: 43.125 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

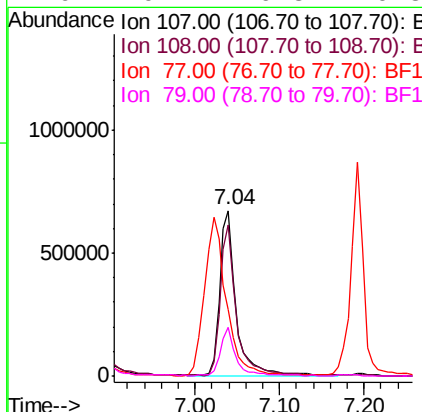
Instrument :
BNA_F
ClientSampleId :
PB128942BS

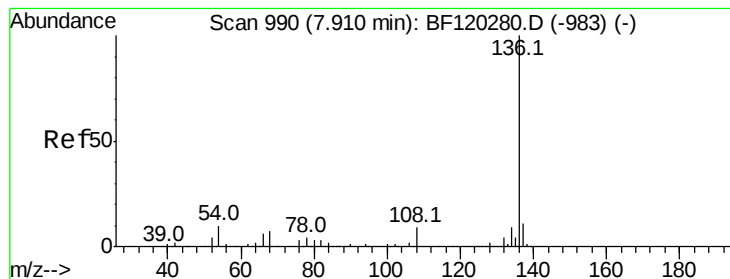
Tot Ion:	70	Resp:	595422
Ion	Ratio	Lower	Upper
70	100		
42	59.8	43.4	65.0
101	9.3	7.8	11.8
130	21.4	18.2	27.4



#20
3+4-Methylphenols
Concen: 42.328 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Tgt Ion:	107	Resp:	902728
Ion	Ratio	Lower	Upper
107	100		
108	91.4	71.1	111.1
77	40.6	28.1	68.1
79	29.2	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: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

ClientSampleId :

PB128942BS

Tot Ion:136 Resp: 1247047

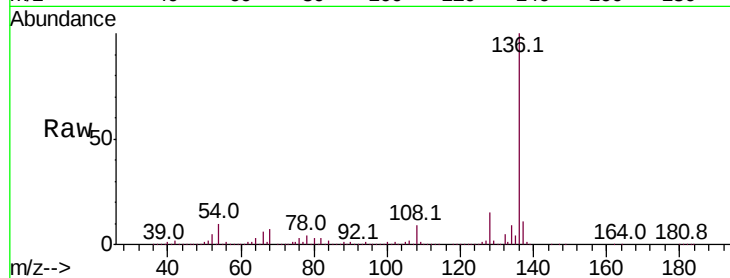
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 10.4 7.9 11.9

68 6.5 5.4 8.2

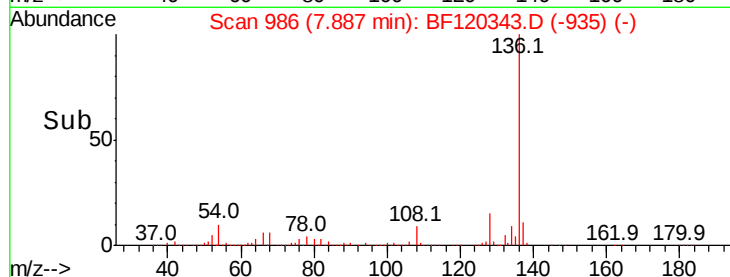


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

7.89

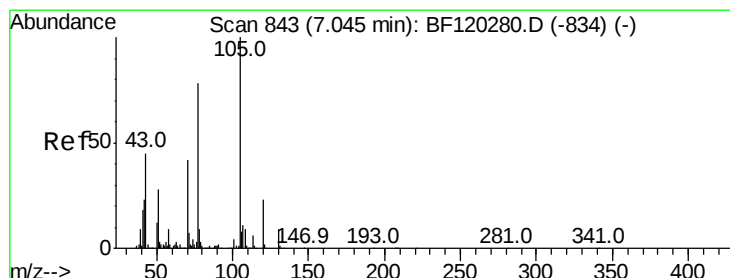
1500000

1000000

500000

0

Time-->



#22

Acetophenone

Concen: 47.260 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Tgt Ion:105 Resp: 1207355

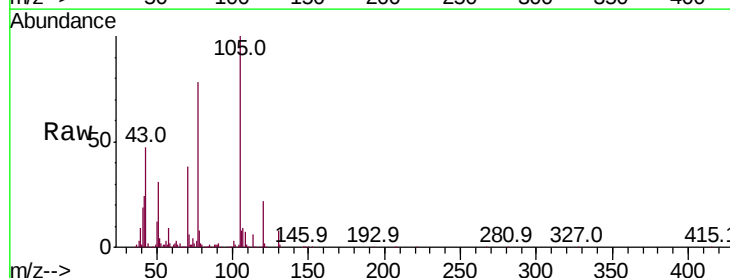
Ion Ratio Lower Upper

105 100

71 6.3 5.6 8.4

51 30.9 22.6 34.0

120 22.3 18.7 28.1

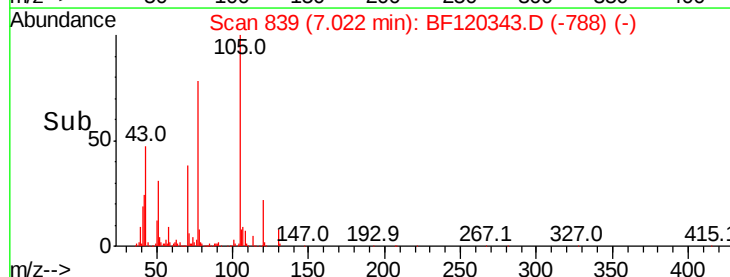


Abundance Ion 105.00 (104.70 to 105.70): E

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



Abundance

7.02

1200000

1000000

800000

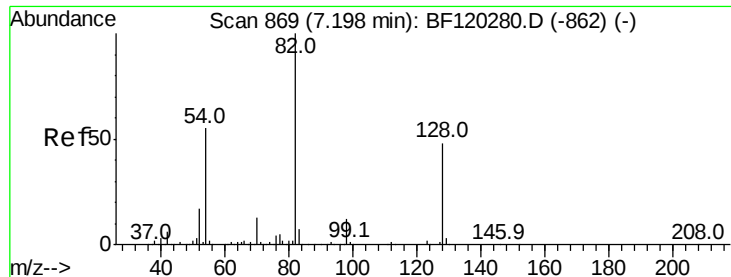
600000

400000

200000

0

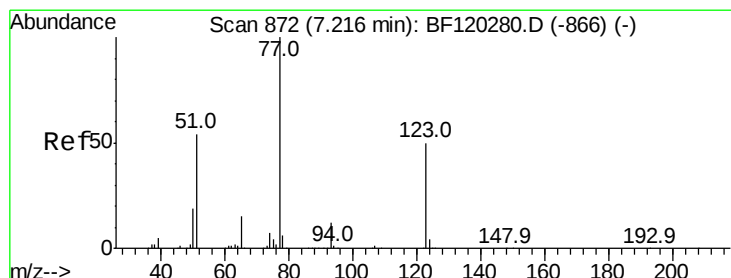
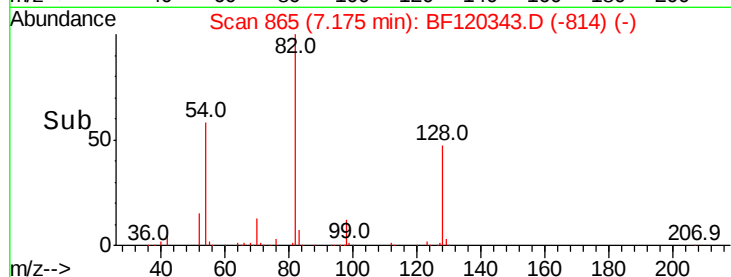
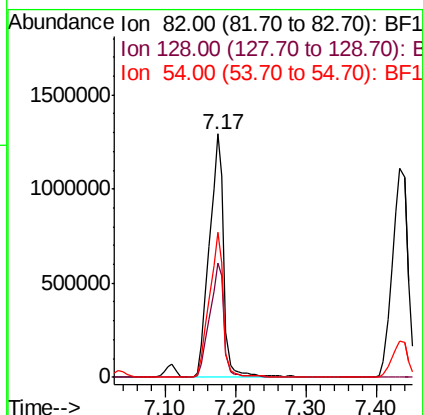
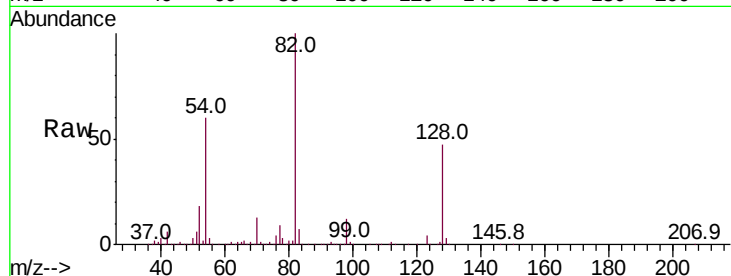
Time-->



#23
 Nitrobenzene-d5
 Concen: 100.989 ng
 RT: 7.17 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

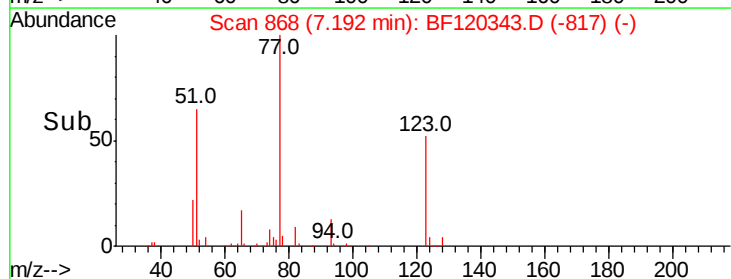
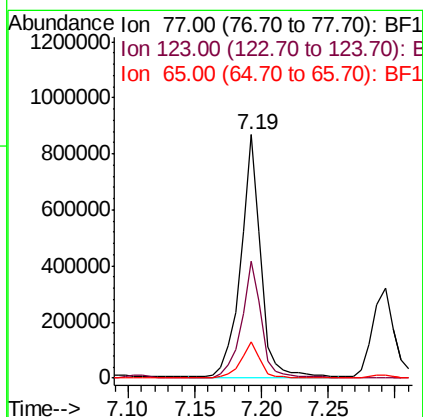
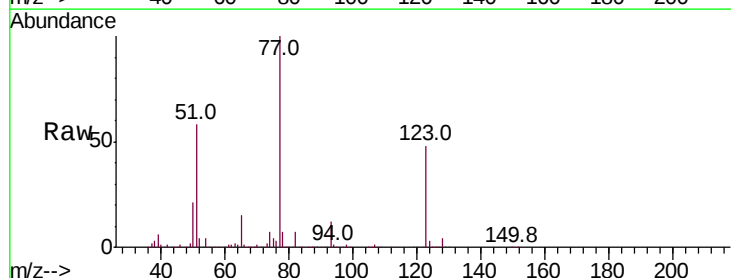
Instrument :
 BNA_F
 ClientSampleId :
 PB128942BS

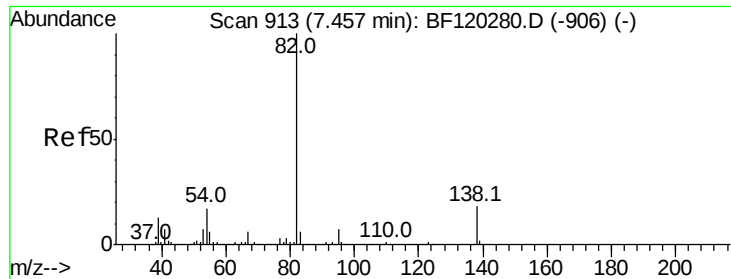
Tot Ion: 82 Resp: 1839408
 Ion Ratio Lower Upper
 82 100
 128 47.0 38.3 57.5
 54 59.5 43.9 65.9



#24
 Nitrobenzene
 Concen: 46.113 ng
 RT: 7.19 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

Tgt Ion: 77 Resp: 903908
 Ion Ratio Lower Upper
 77 100
 123 48.2 40.0 60.0
 65 14.8 11.7 17.5





#25

Isophorone

Concen: 45.130 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

ClientSampleId :

PB128942BS

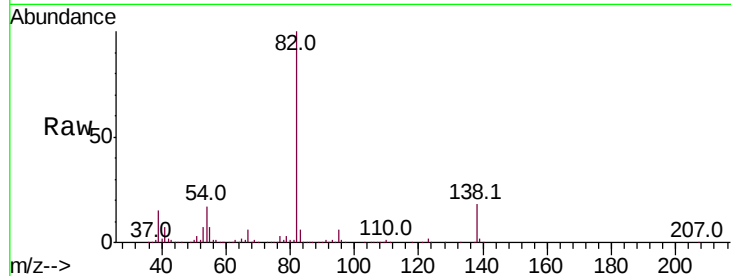
Tot Ion: 82 Resp: 1710333

Ion Ratio Lower Upper

82 100

95 6.3 5.4 8.0

138 17.6 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

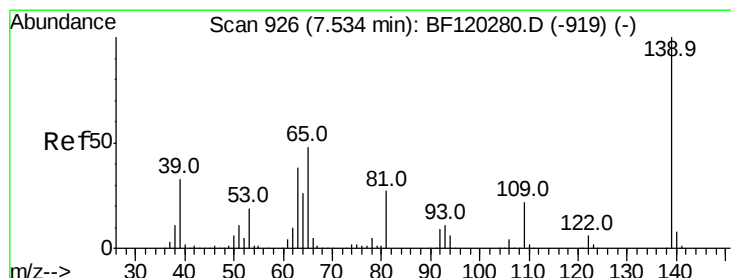
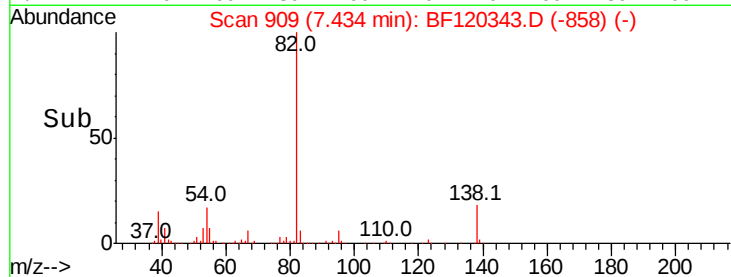
7.43

1000000

500000

0

Time-->



#26

2-Nitrophenol

Concen: 48.039 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

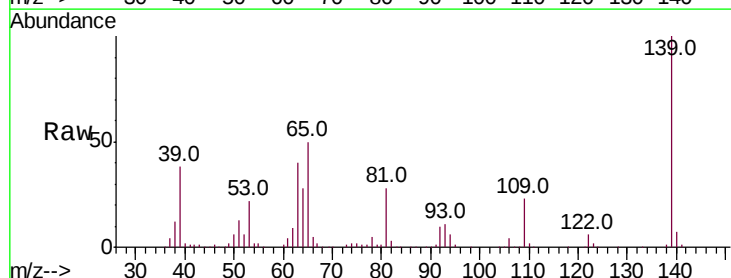
Tgt Ion:139 Resp: 492487

Ion Ratio Lower Upper

139 100

109 23.0 17.7 26.5

65 50.3 38.3 57.5



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

7.51

500000

400000

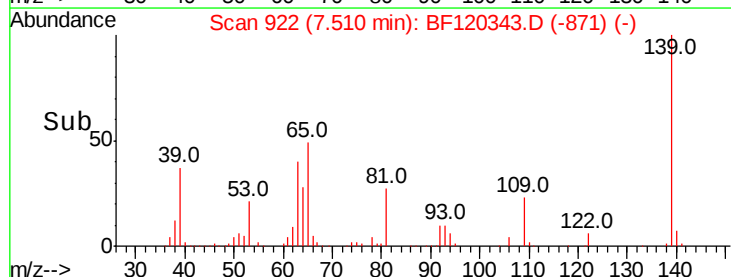
300000

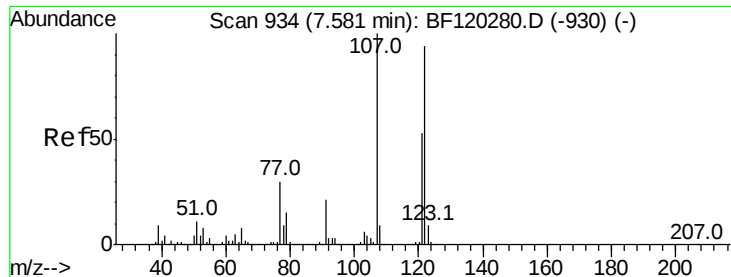
200000

100000

0

Time-->

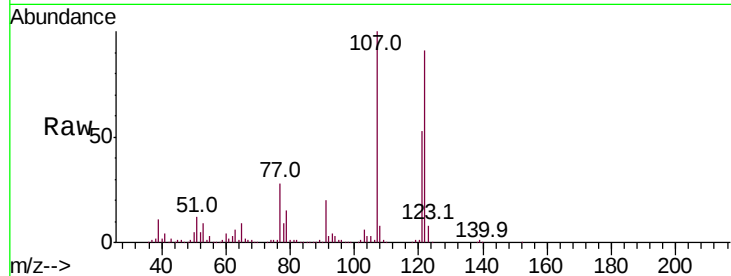




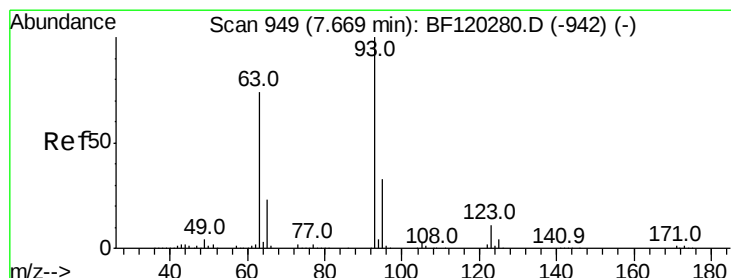
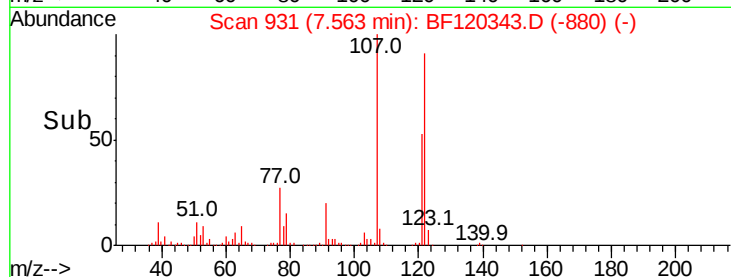
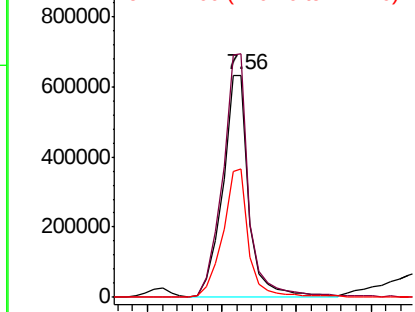
#27
 2,4-Dimethylphenol
 Concen: 52.057 ng
 RT: 7.56 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB128942BS

Tot Ion:122 Resp: 776329
 Ion Ratio Lower Upper
 122 100
 107 109.7 85.0 127.6
 121 58.0 45.1 67.7

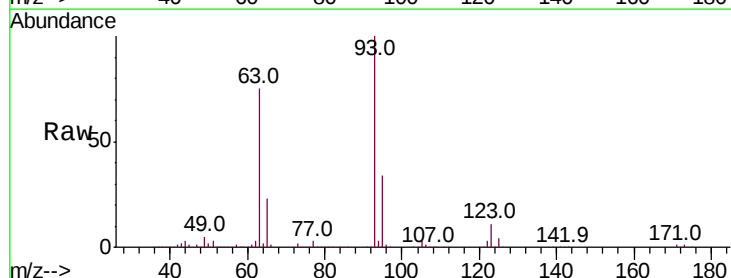


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

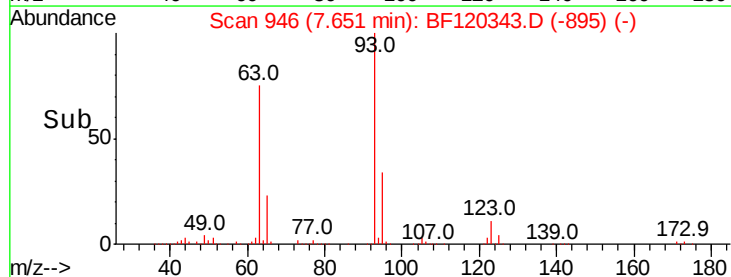
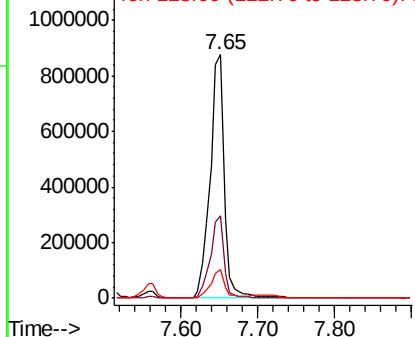


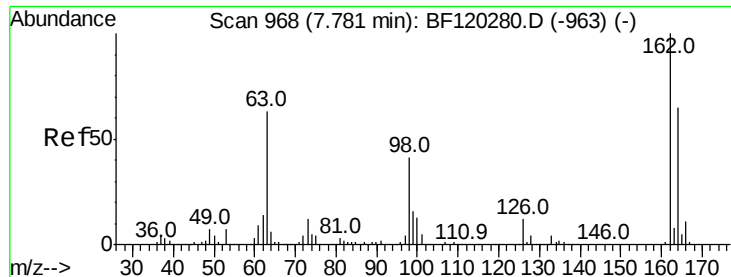
#28
 bis(2-Chloroethoxy)methane
 Concen: 46.041 ng
 RT: 7.65 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

Tgt Ion: 93 Resp: 1096723
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.8 40.2
 123 11.5 9.2 13.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

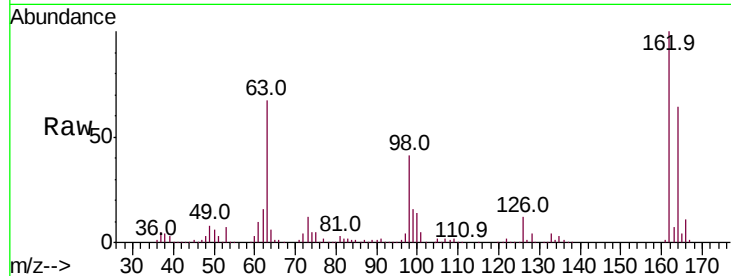




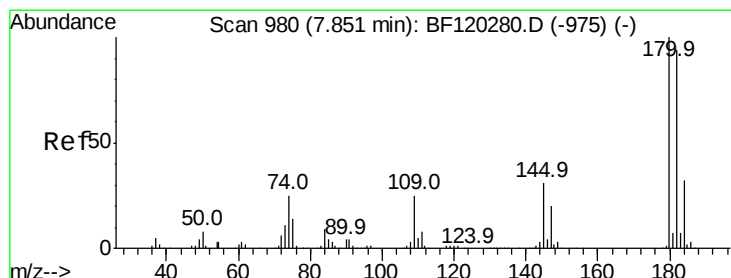
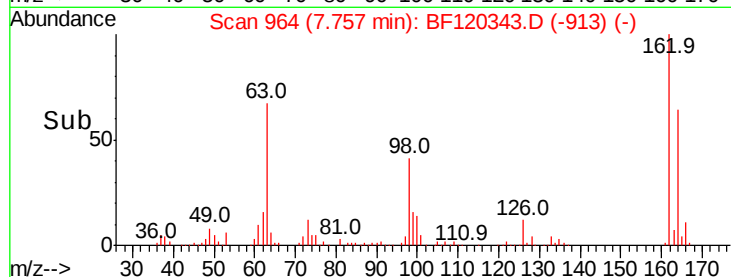
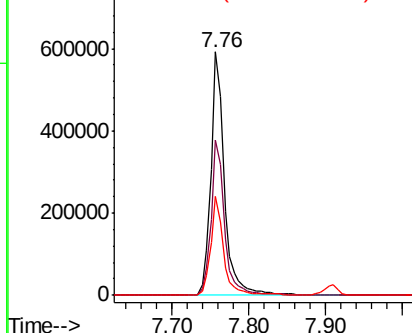
#29
 2,4-Dichlorophenol
 Concen: 46.720 ng
 RT: 7.76 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB128942BS

Tot Ion:162 Resp: 715579
 Ion Ratio Lower Upper
 162 100
 164 63.8 44.9 84.9
 98 40.6 20.7 60.7

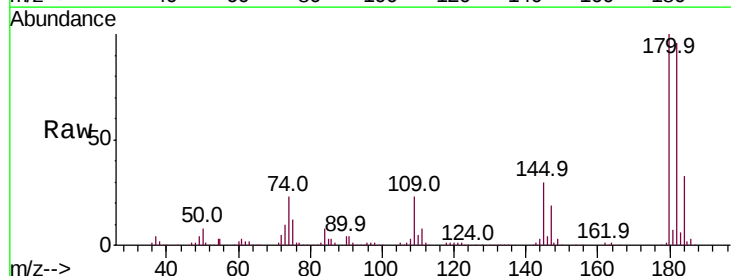


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

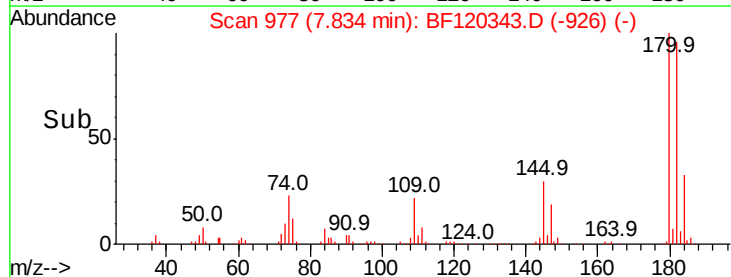
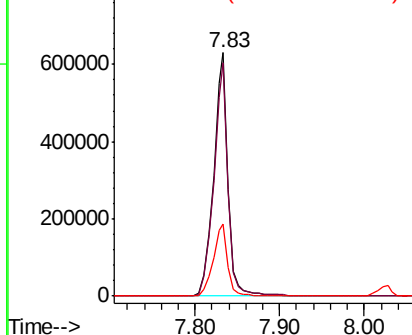


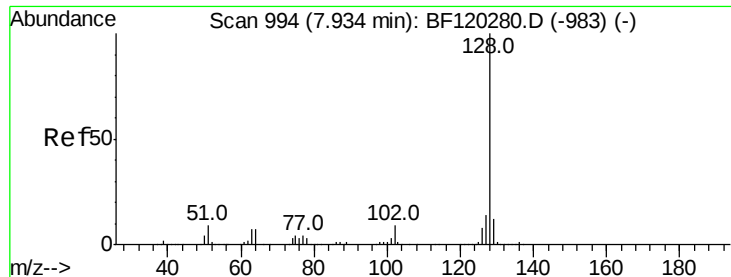
#30
 1,2,4-Trichlorobenzene
 Concen: 44.920 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

Tgt Ion:180 Resp: 762421
 Ion Ratio Lower Upper
 180 100
 182 95.9 75.3 112.9
 145 29.9 24.9 37.3



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

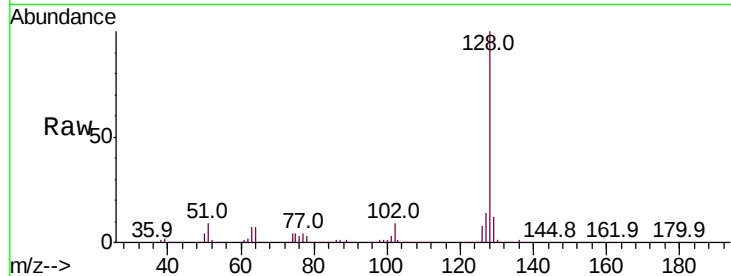




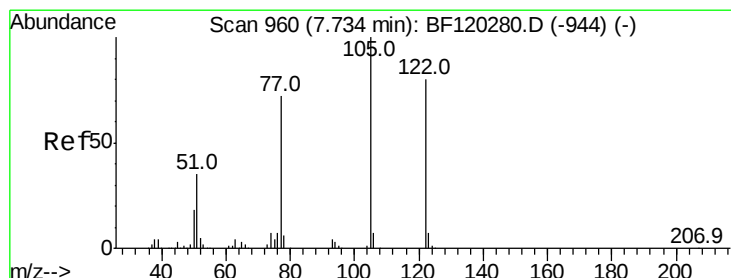
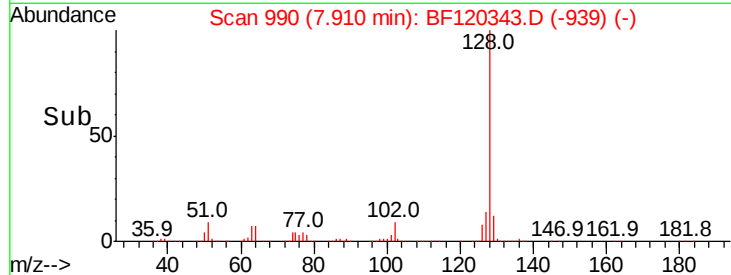
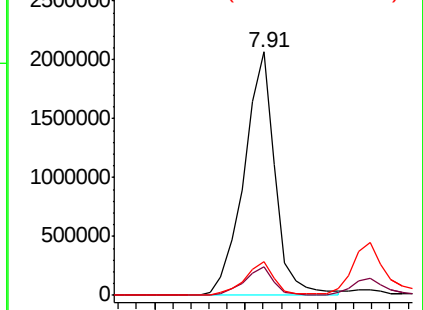
#31
Naphthalene
Concen: 46.680 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Instrument :
BNA_F
ClientSampleId :
PB128942BS

Tot Ion:128 Resp: 2456813
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.6 11.2 16.8

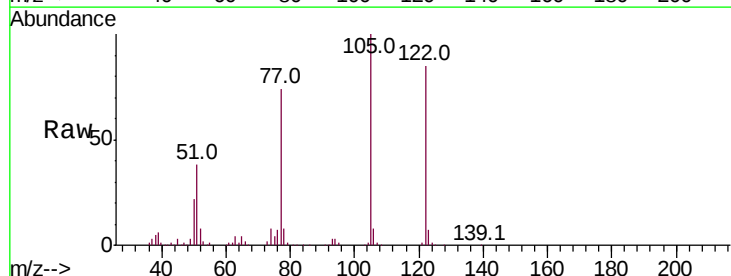


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

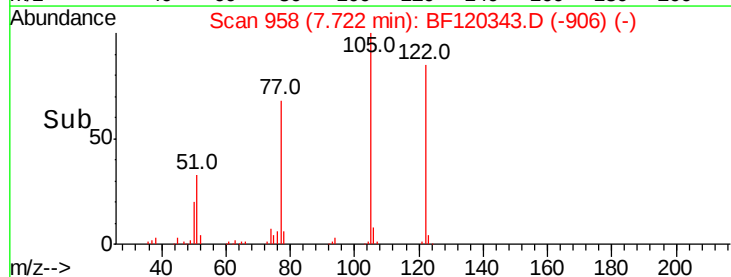
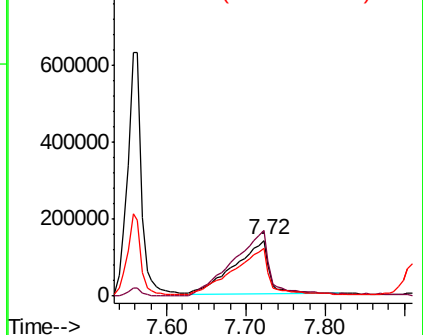


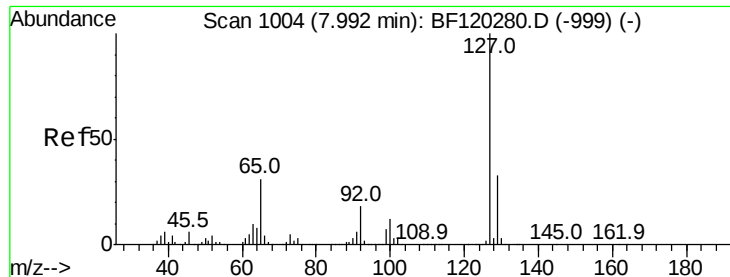
#32
Benzoic acid
Concen: 44.803 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Tgt Ion:122 Resp: 437963
Ion Ratio Lower Upper
122 100
105 118.2 98.1 138.1
77 87.1 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

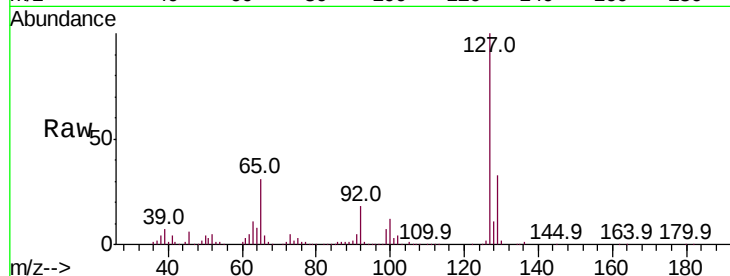




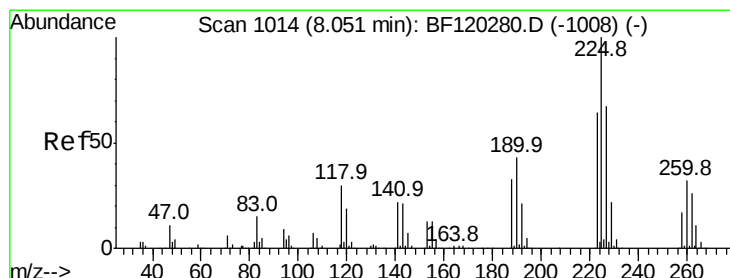
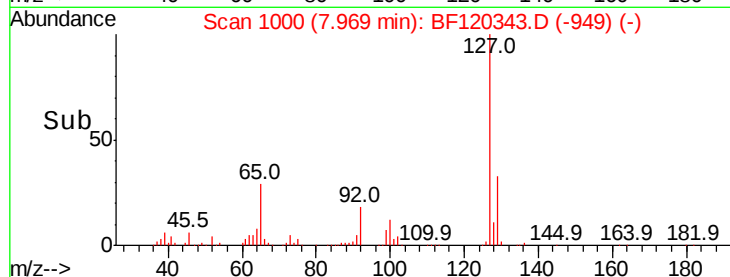
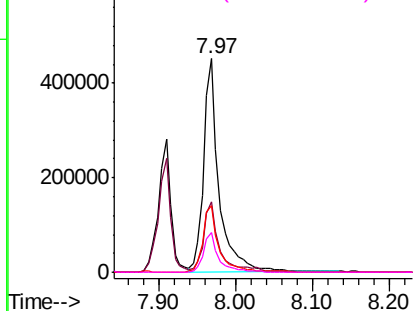
#33
4-Chloroaniline
Concen: 26.214 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Instrument :
BNA_F
ClientSampleId :
PB128942BS

Tot Ion:127 Resp: 628748
Ion Ratio Lower Upper
127 100
129 32.9 26.4 39.6
65 31.4 24.8 37.2
92 18.4 14.5 21.7

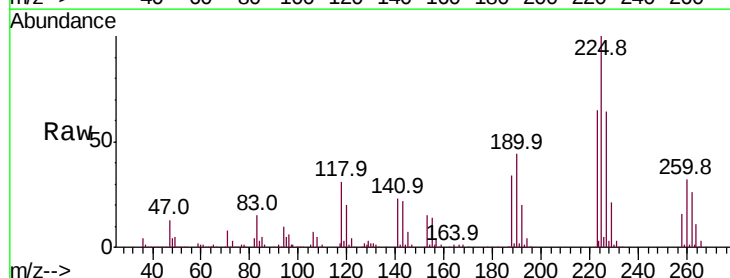


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

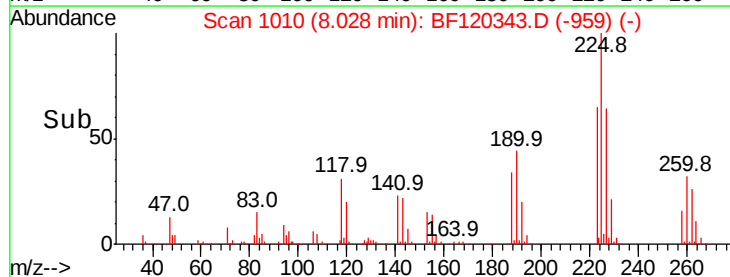
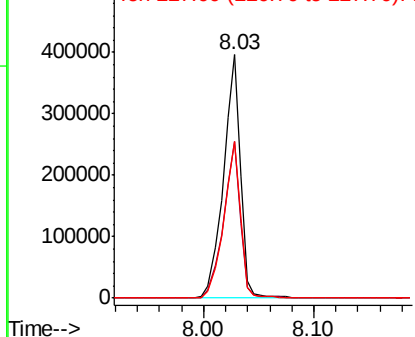


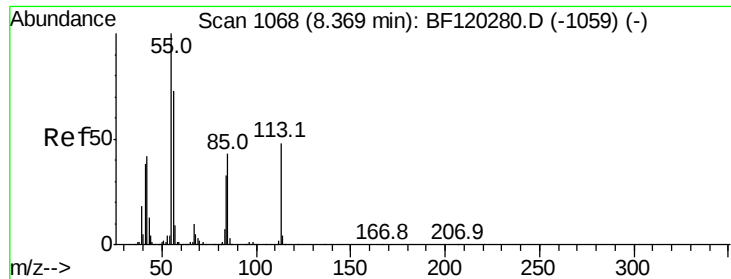
#34
Hexachlorobutadiene
Concen: 43.499 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Tgt Ion:225 Resp: 426742
Ion Ratio Lower Upper
225 100
223 64.6 51.4 77.0
227 64.1 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

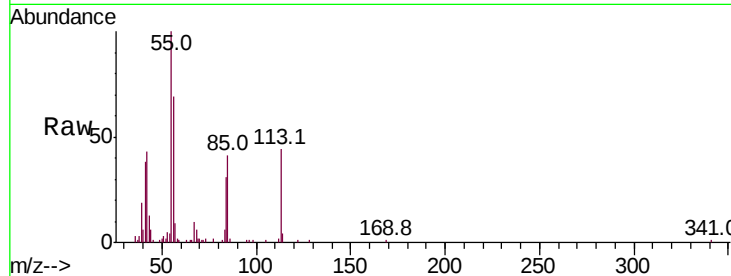




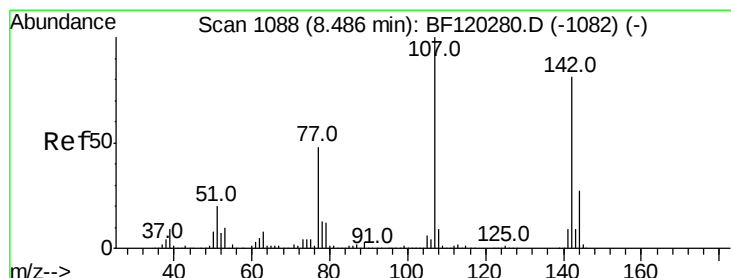
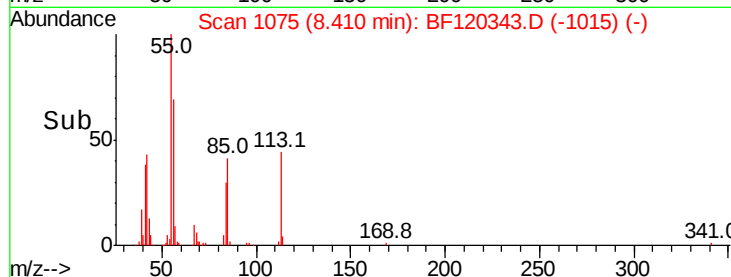
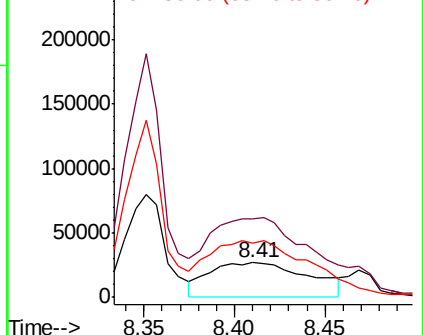
#35
 Caprolactam
 Concen: 20.260 ng
 RT: 8.41 min Scan# 1075
 Delta R.T. 0.05 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB128942BS

Tot Ion:113 Resp: 101518
 Ion Ratio Lower Upper
 113 100
 55 226.0 190.4 230.4
 56 154.9 132.7 172.7

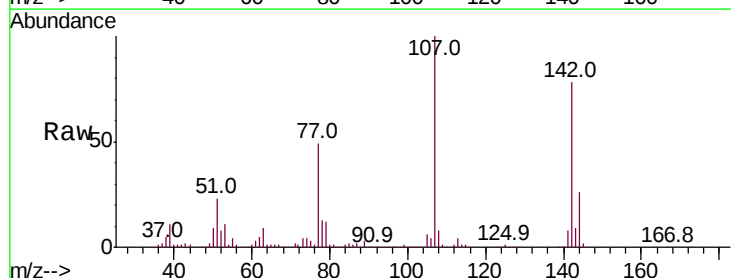


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

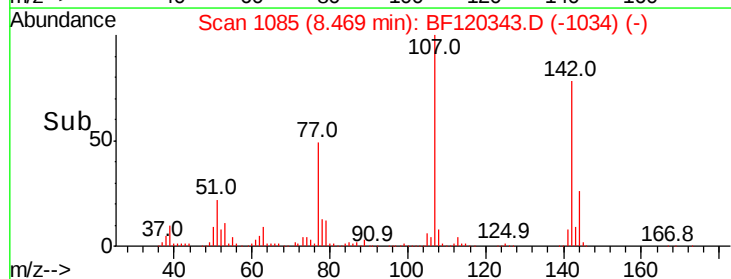
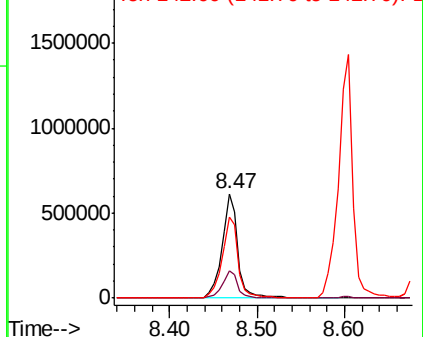


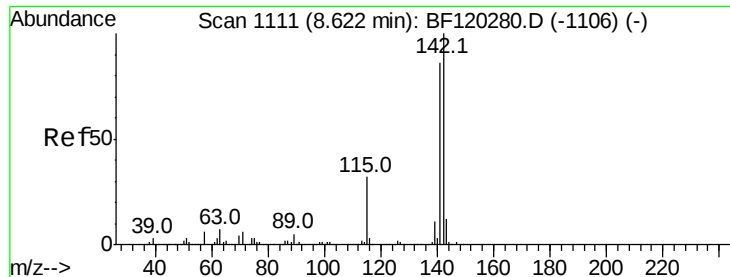
#36
 4-Chloro-3-methylphenol
 Concen: 46.481 ng
 RT: 8.47 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

Tgt Ion:107 Resp: 770153
 Ion Ratio Lower Upper
 107 100
 144 26.0 21.4 32.2
 142 78.1 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

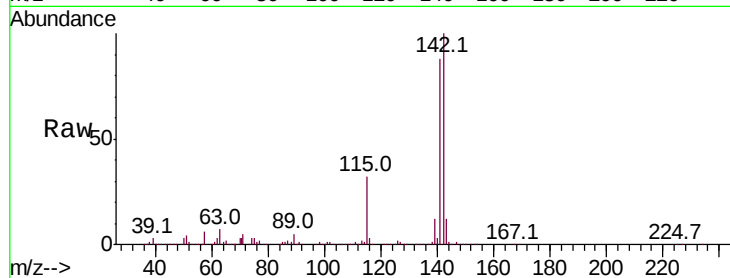




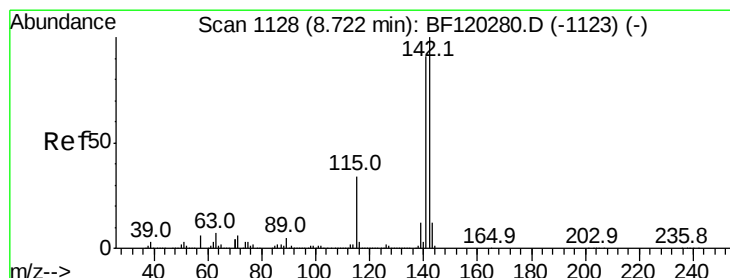
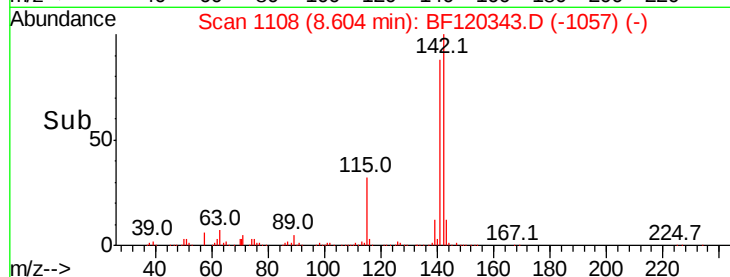
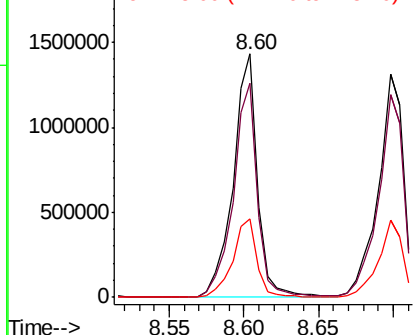
#37
2-Methylnaphthalene
Concen: 45.320 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Instrument :
BNA_F
ClientSampleId :
PB128942BS

Tot Ion:142 Resp: 1632268
Ion Ratio Lower Upper
142 100
141 88.2 68.8 103.2
115 32.2 25.7 38.5

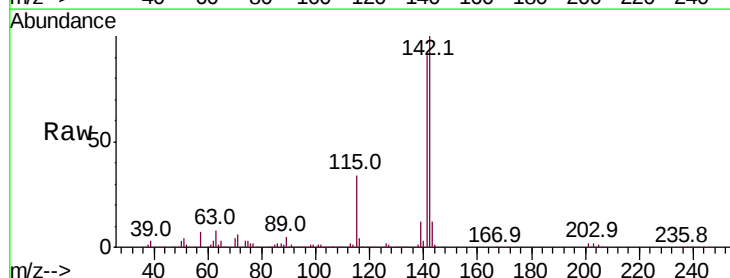


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

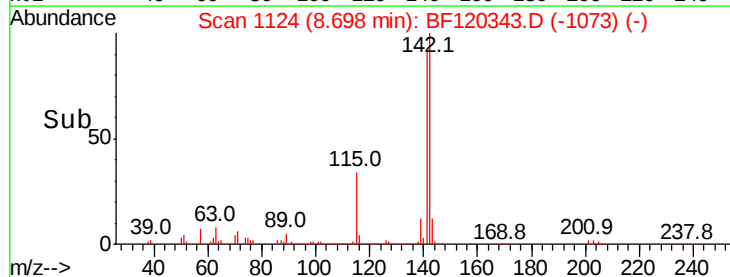
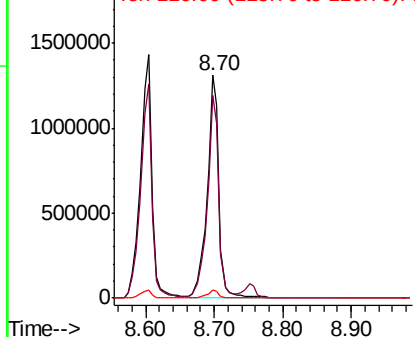


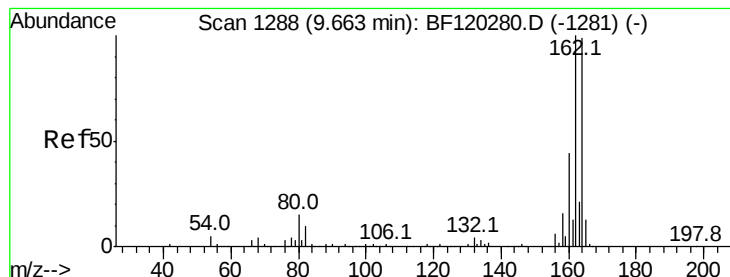
#38
1-Methylnaphthalene
Concen: 45.351 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Tgt Ion:142 Resp: 1584225
Ion Ratio Lower Upper
142 100
141 91.1 73.0 109.6
116 3.7 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: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

ClientSampleId :

PB128942BS

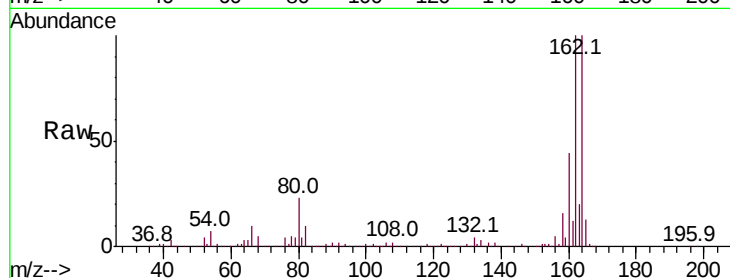
Tot Ion:164 Resp: 621879

Ion Ratio Lower Upper

164 100

162 100.2 81.2 121.8

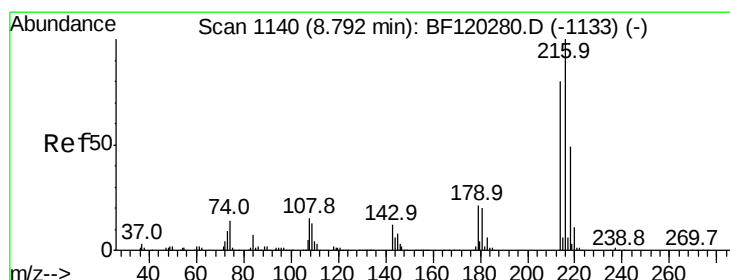
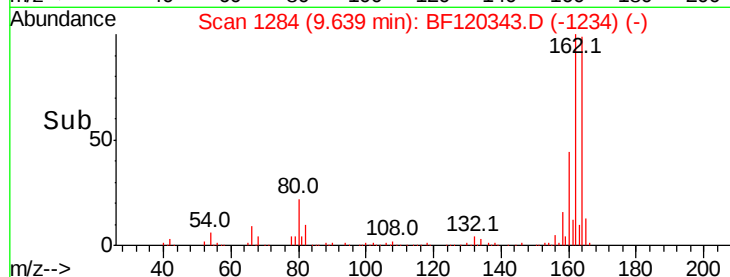
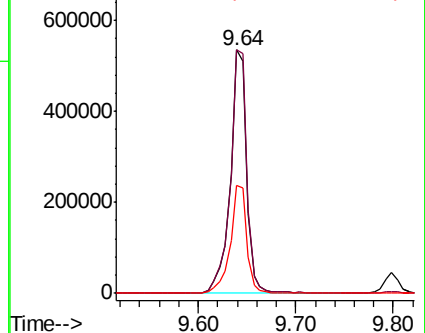
160 44.5 35.8 53.6



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: 46.510 ng

RT: 8.77 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Tgt Ion:216 Resp: 729324

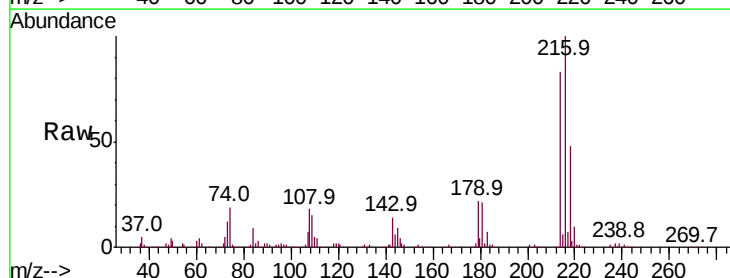
Ion Ratio Lower Upper

216 100

214 80.2 64.0 96.0

179 21.0 16.9 25.3

108 18.7 14.2 21.2

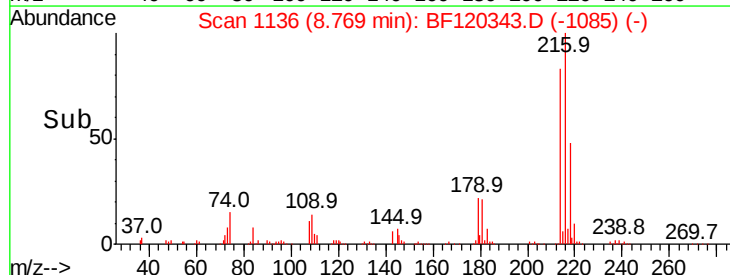
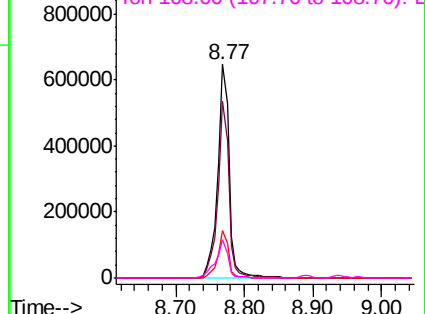


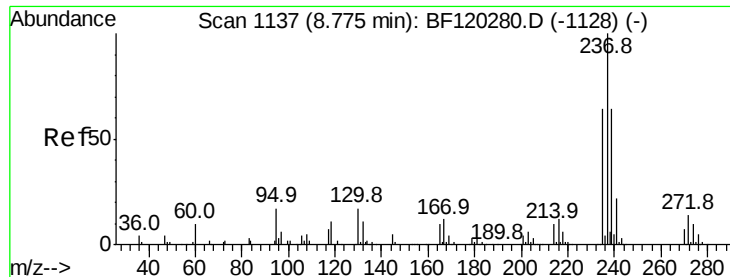
Abundance Ion 216.00 (215.70 to 216.70): E

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: 97.406 ng

RT: 8.76 min Scan# 1134

Delta R.T. 0.01 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

ClientSampleId :

PB128942BS

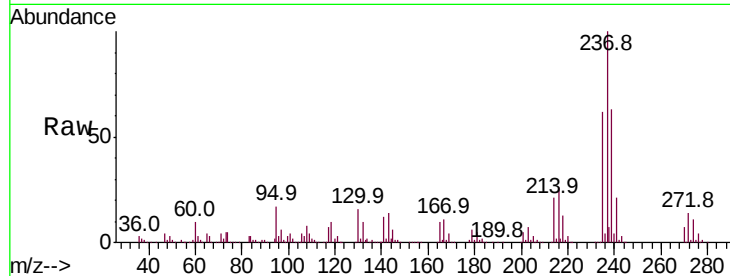
Tot Ion:237 Resp: 640237

Ion Ratio Lower Upper

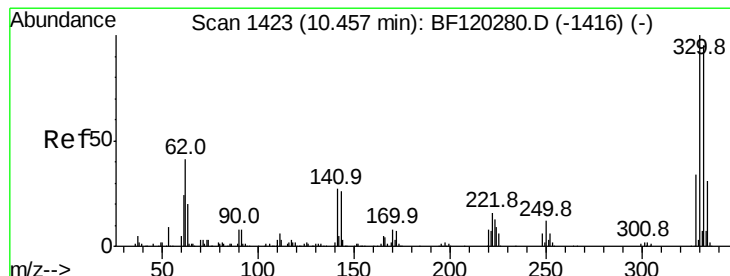
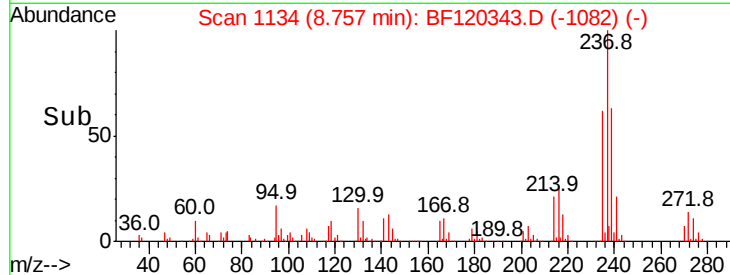
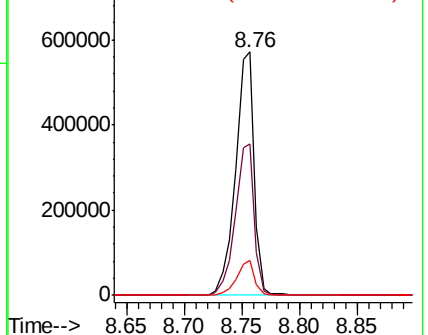
237 100

235 62.0 43.8 83.8

272 14.2 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: 99.047 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

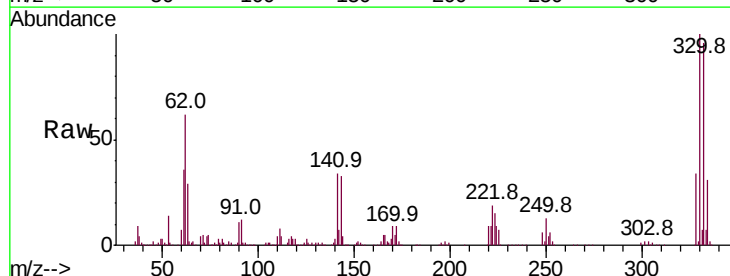
Tgt Ion:330 Resp: 502217

Ion Ratio Lower Upper

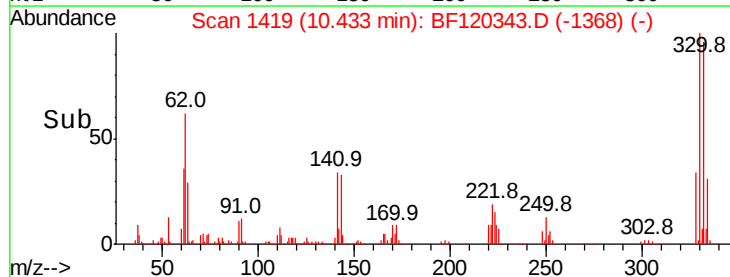
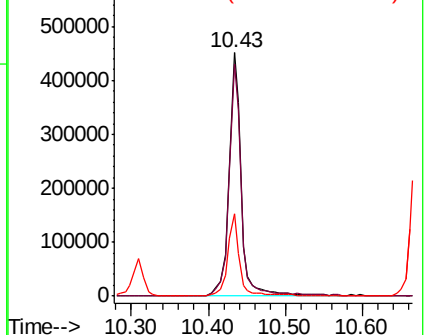
330 100

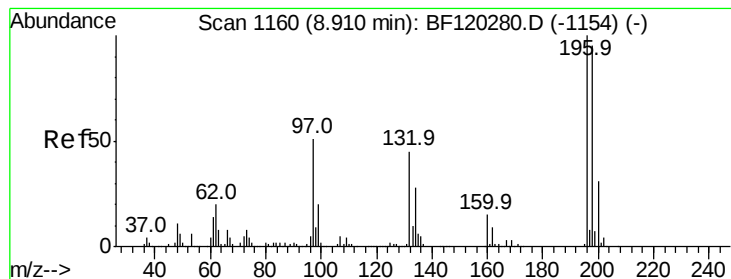
332 96.0 76.5 114.7

141 31.6 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: 45.503 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

ClientSampleId :

PB128942BS

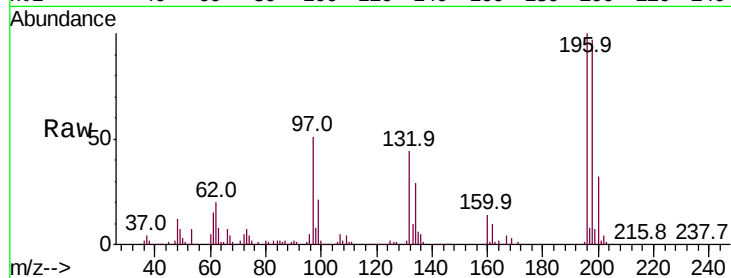
Tot Ion:196 Resp: 478951

Ion Ratio Lower Upper

196 100

198 97.3 76.2 114.4

200 31.7 24.9 37.3

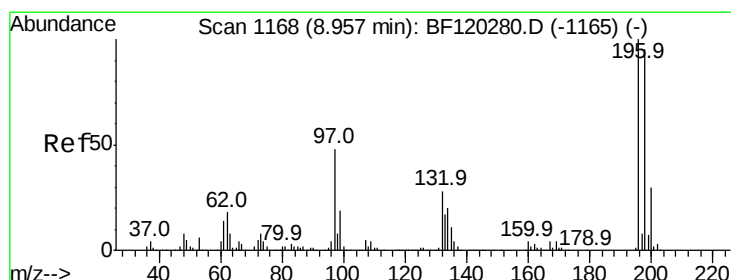
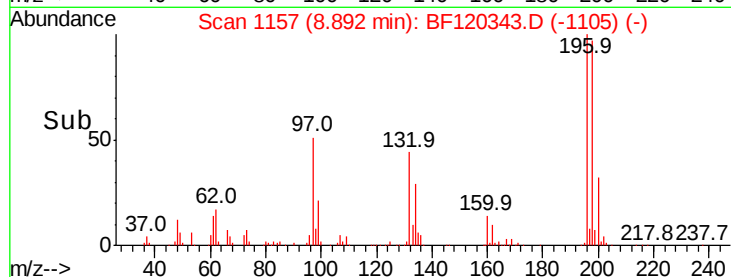
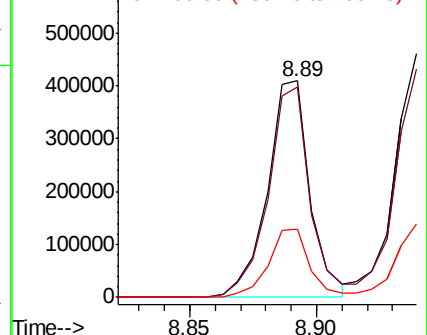


Abundance

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: 43.604 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Tgt Ion:196 Resp: 527080

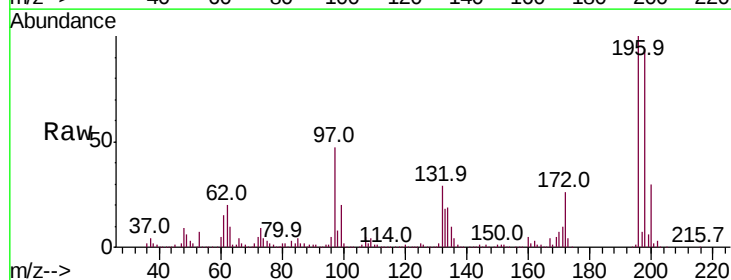
Ion Ratio Lower Upper

196 100

198 93.8 76.2 114.4

97 46.6 38.6 57.8

132 29.1 23.2 34.8



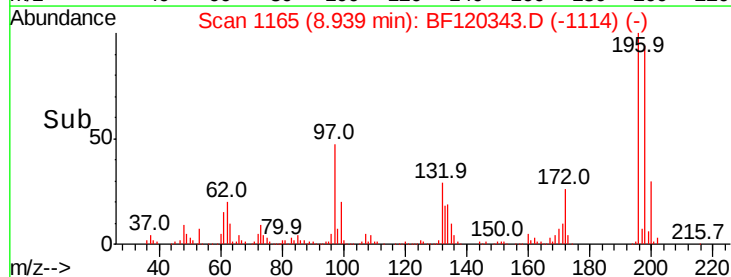
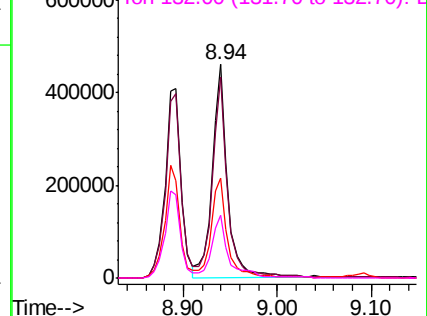
Abundance

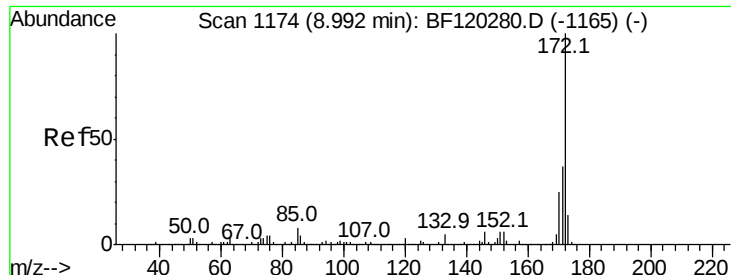
Ion 196.00 (195.70 to 196.70): E

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



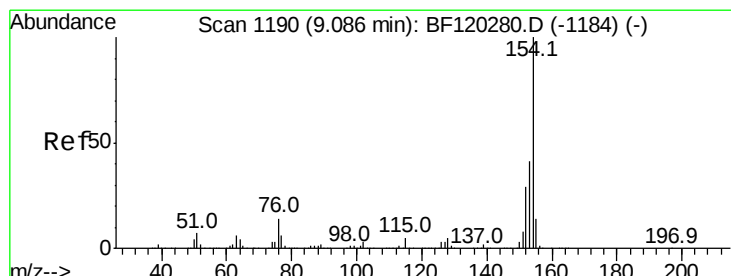
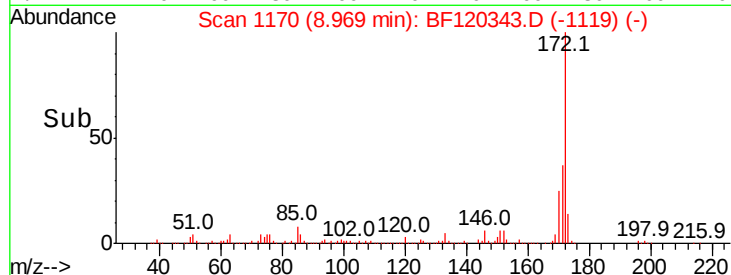
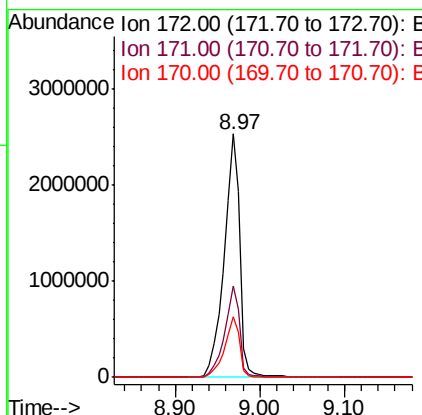
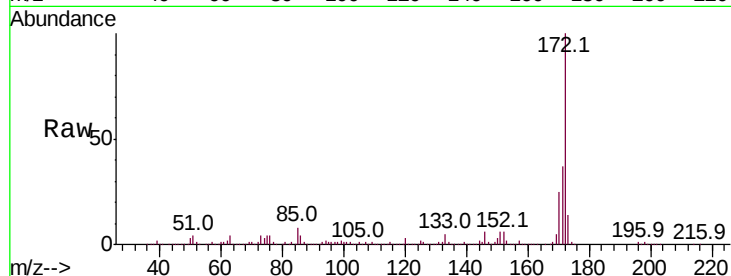


#45
 2-Fluorobiphenyl
 Concen: 106.204 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB128942BS

Tot Ion:172 Resp: 3214743

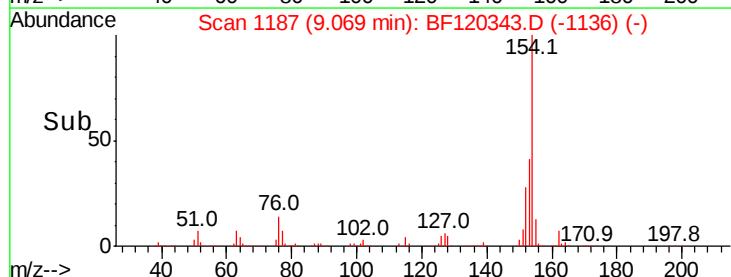
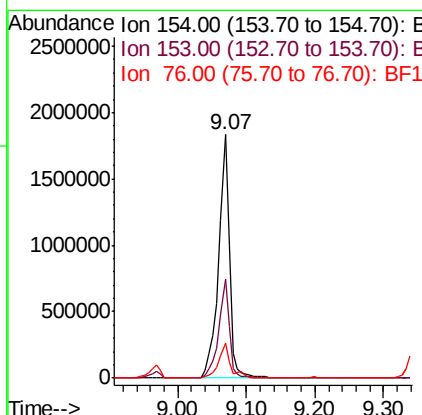
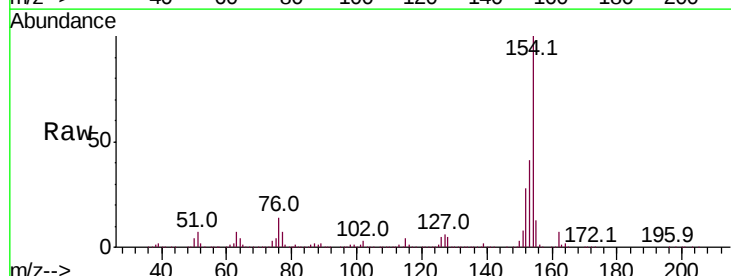
Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	24.9	19.9	29.9

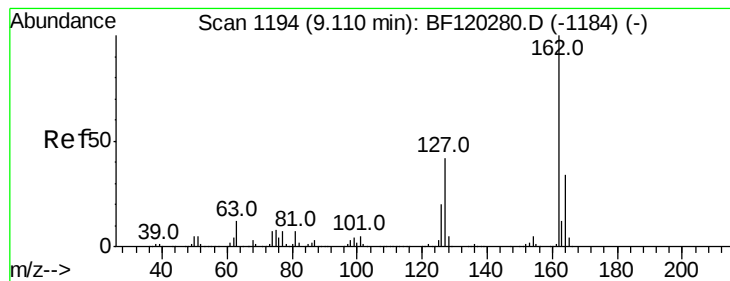


#46
 1,1'-Biphenyl
 Concen: 48.519 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

Tgt Ion:154 Resp: 1976955

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.8	60.8
76	14.1	0.0	34.3





#47

2-Chloronaphthalene

Concen: 45.545 ng

RT: 9.09 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

ClientSampleId :

PB128942BS

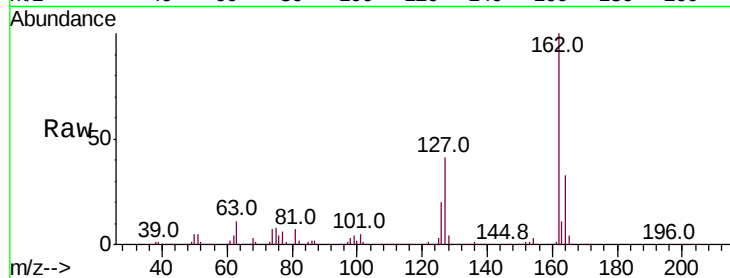
Tot Ion:162 Resp: 1488626

Ion Ratio Lower Upper

162 100

127 41.4 33.4 50.0

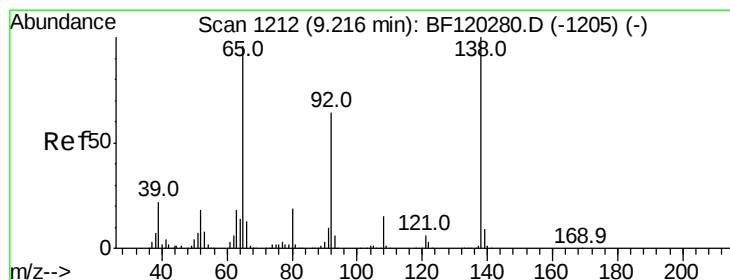
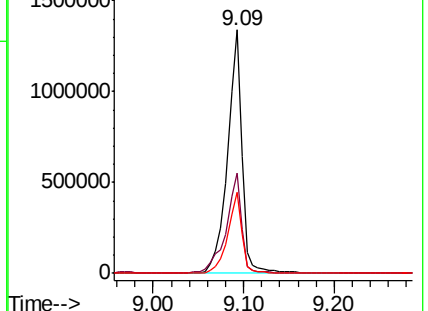
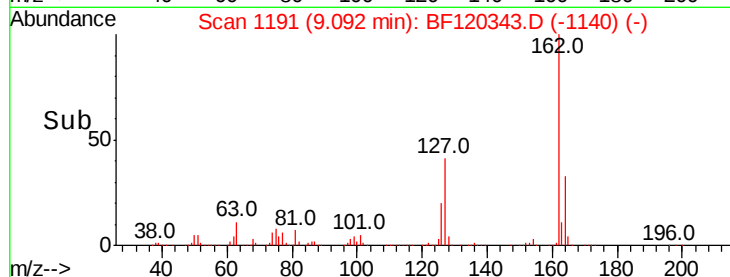
164 33.1 27.0 40.6



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: 46.182 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

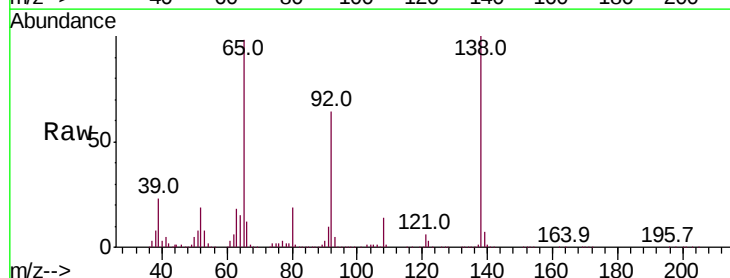
Tgt Ion: 65 Resp: 550735

Ion Ratio Lower Upper

65 100

92 64.8 52.9 79.3

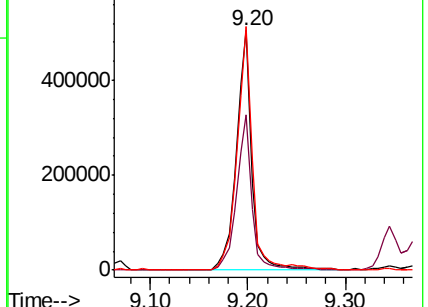
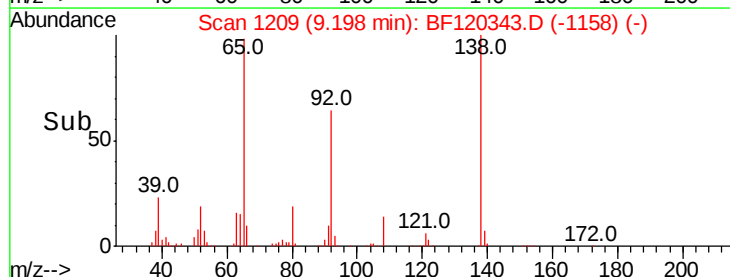
138 101.8 83.0 124.4

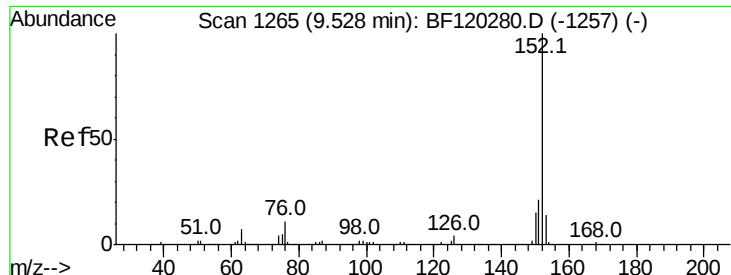


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.496 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

ClientSampleId :

PB128942BS

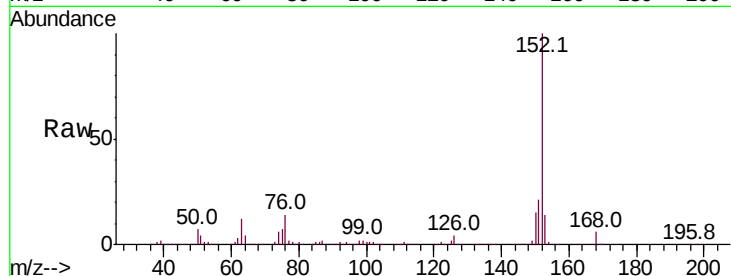
Tot Ion:152 Resp: 2371333

Ion Ratio Lower Upper

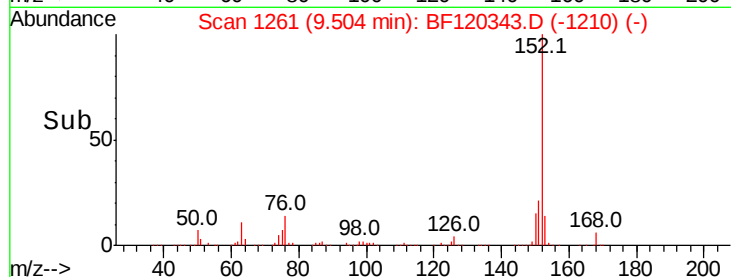
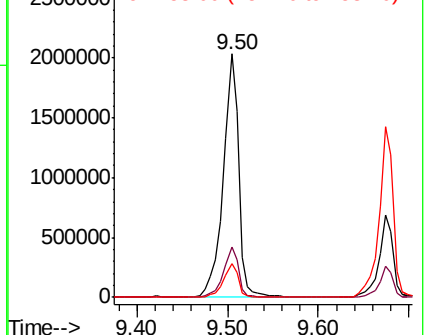
152 100

151 20.7 16.6 25.0

153 13.8 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: 44.557 ng

RT: 9.38 min Scan# 1240

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

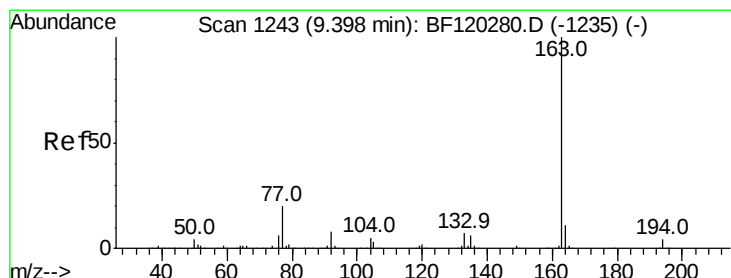
Tgt Ion:163 Resp: 1751628

Ion Ratio Lower Upper

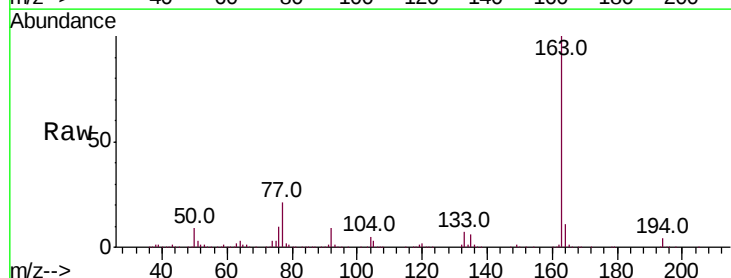
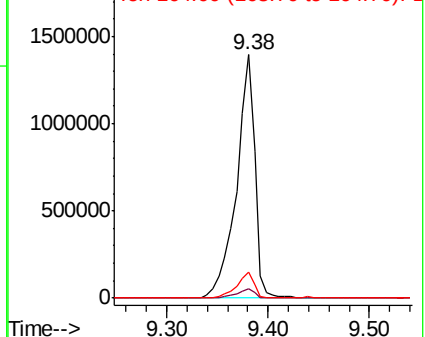
163 100

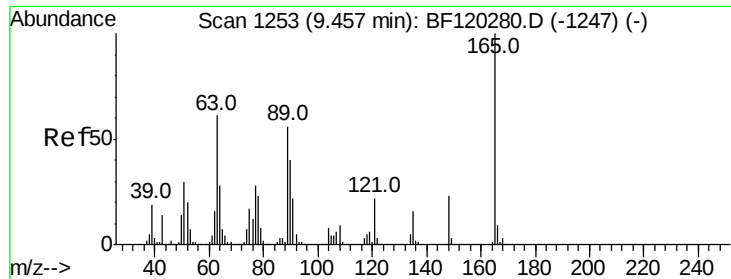
194 3.9 3.1 4.7

164 10.6 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

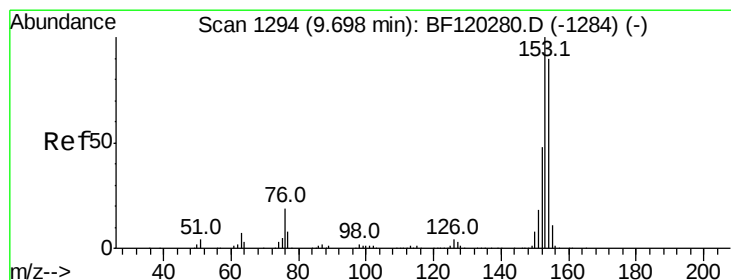
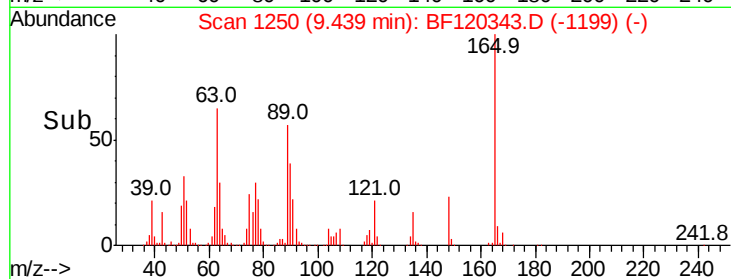
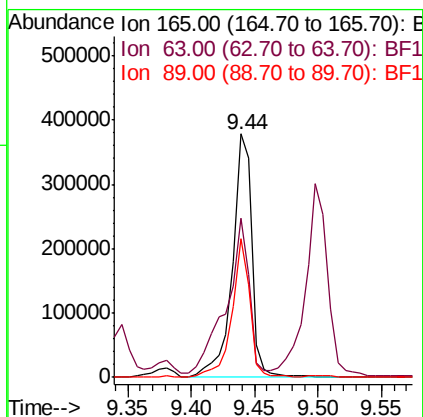
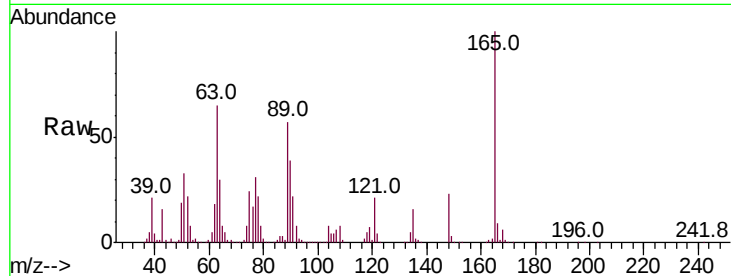




#51
 2,6-Dinitrotoluene
 Concen: 45.035 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

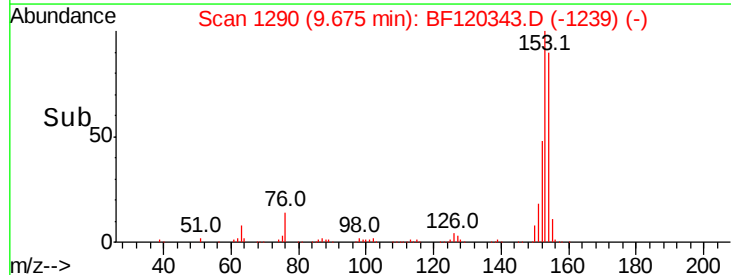
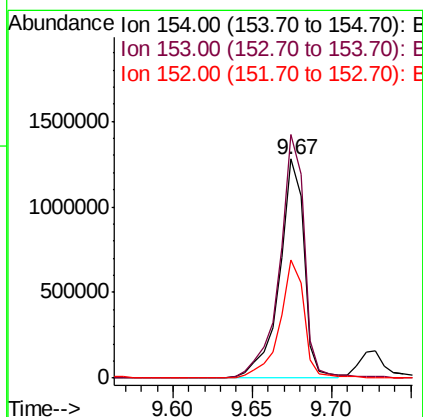
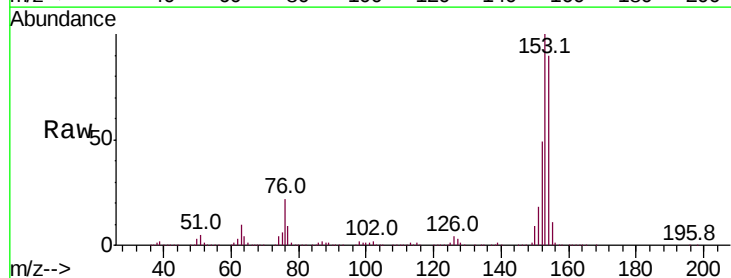
Instrument :
 BNA_F
 ClientSampleId :
 PB128942BS

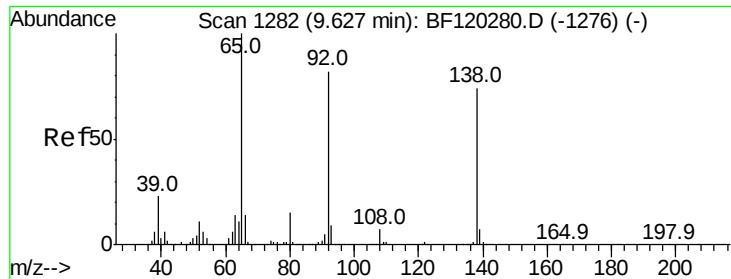
Tot Ion:165 Resp: 395134
 Ion Ratio Lower Upper
 165 100
 63 65.5 50.2 75.2
 89 56.7 44.6 66.8



#52
 Acenaphthene
 Concen: 45.868 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

Tgt Ion:154 Resp: 1372675
 Ion Ratio Lower Upper
 154 100
 153 111.3 89.0 133.4
 152 54.0 42.6 64.0

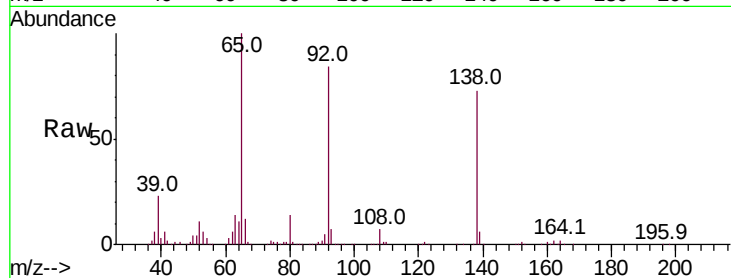




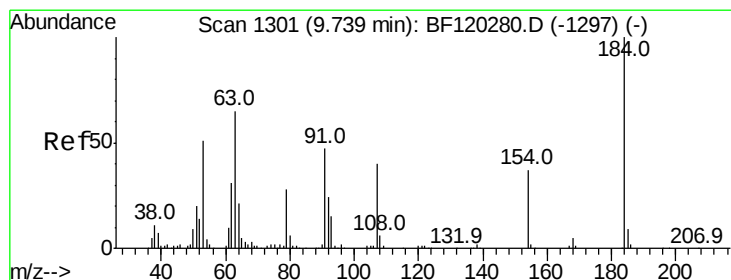
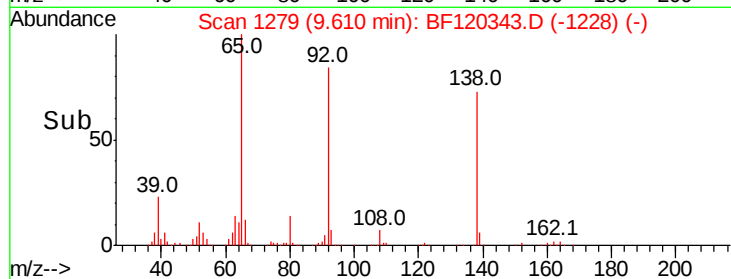
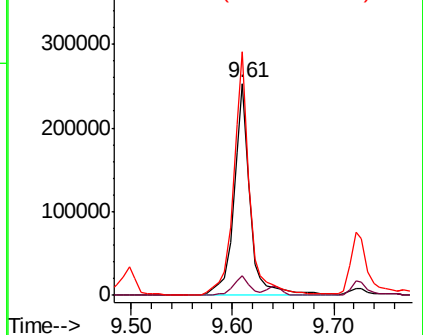
#53
3-Nitroaniline
Concen: 26.408 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Instrument :
BNA_F
ClientSampleId :
PB128942BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	8.2	12.2
92	114.9	89.6	134.4

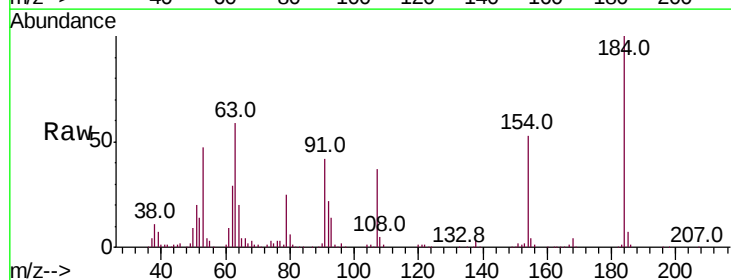


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

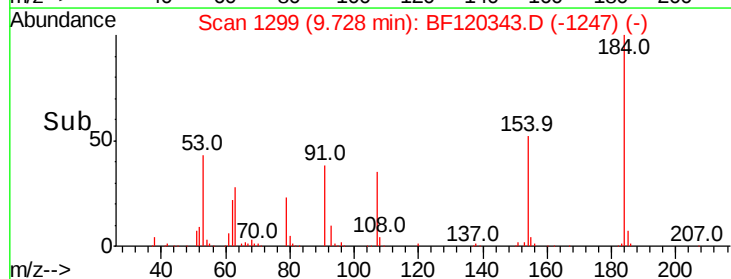
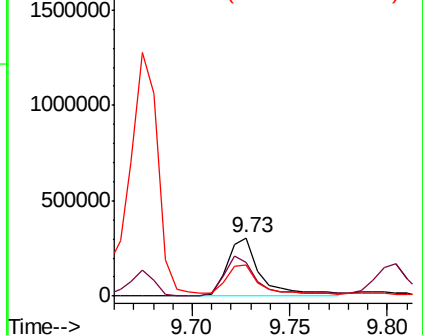


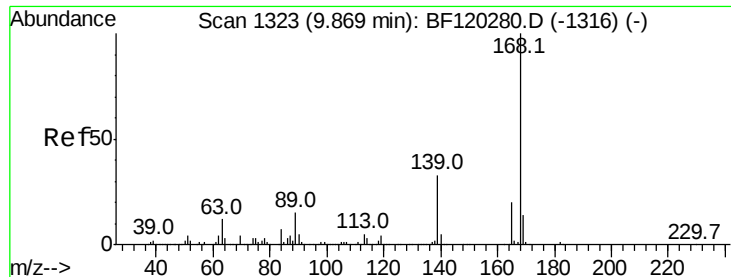
#54
2,4-Dinitrophenol
Concen: 88.755 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.6	53.6	80.4
154	52.7	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

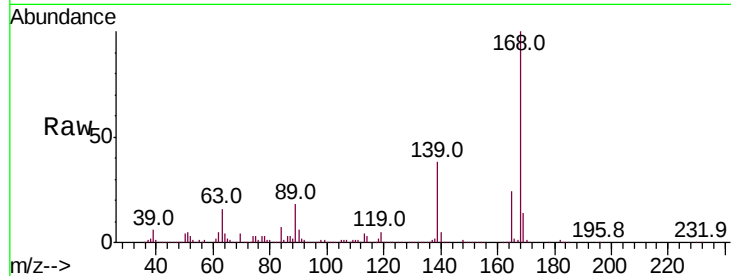




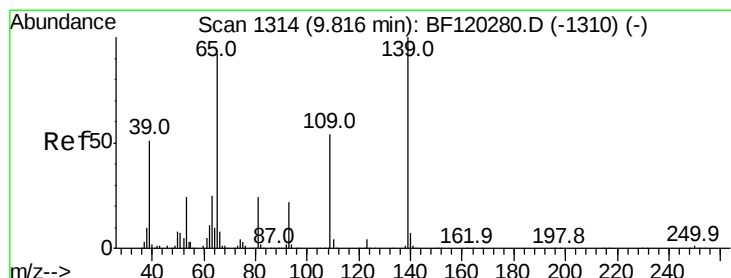
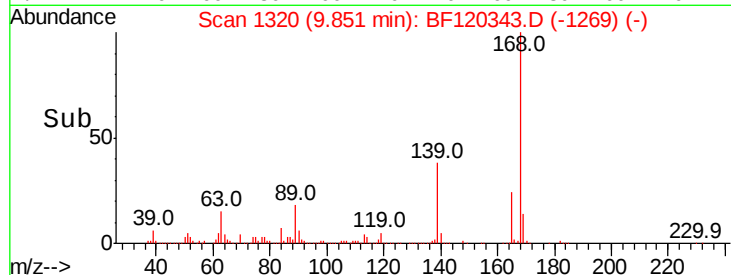
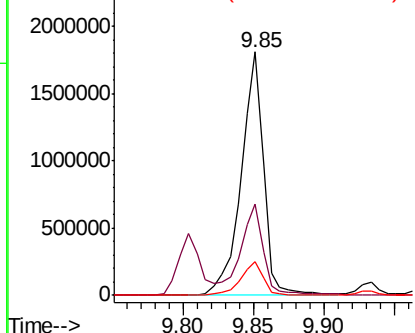
#55
Dibenzofuran
Concen: 46.609 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Instrument :
BNA_F
ClientSampleId :
PB128942BS

Tot Ion:168 Resp: 2008680
Ion Ratio Lower Upper
168 100
139 37.5 29.8 44.6
169 13.9 11.0 16.6

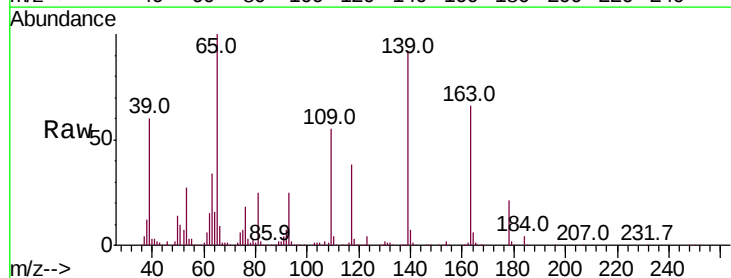


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

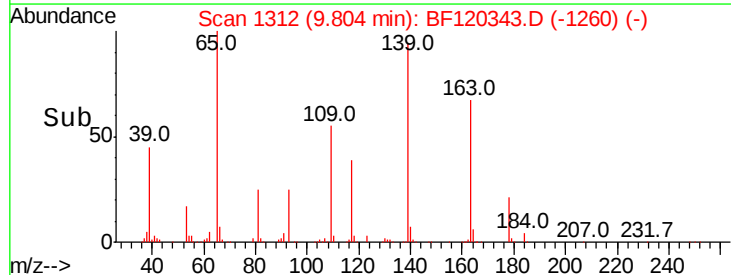
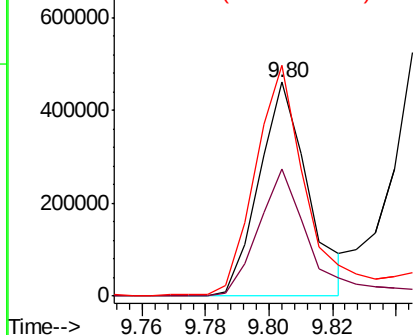


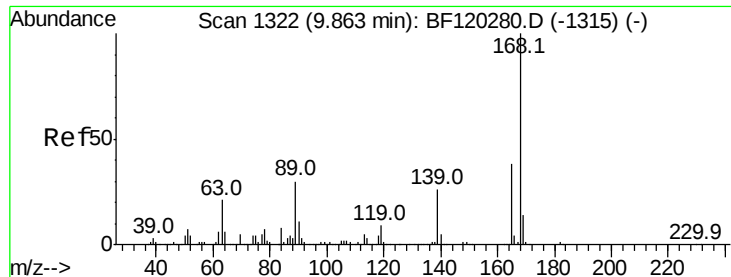
#56
4-Nitrophenol
Concen: 87.781 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Tgt Ion:139 Resp: 493512
Ion Ratio Lower Upper
139 100
109 59.2 34.6 74.6
65 108.1 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: 45.305 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

ClientSampleId :

PB128942BS

Tot Ion:165 Resp: 466296

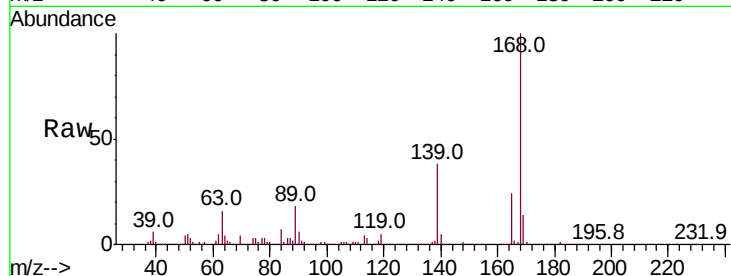
Ion Ratio Lower Upper

165 100

63 65.7 51.8 77.8

89 76.4 64.2 96.4

182 2.5 2.0 3.0

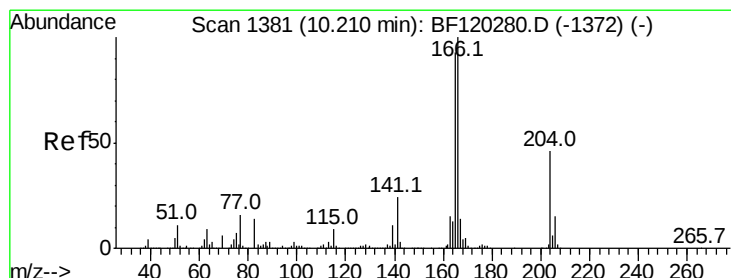
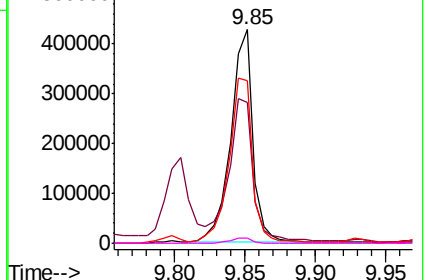
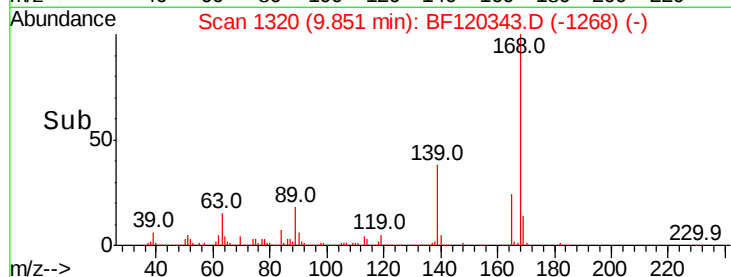


Abundance Ion 165.00 (164.70 to 165.70): E

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: 48.169 ng

RT: 10.19 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

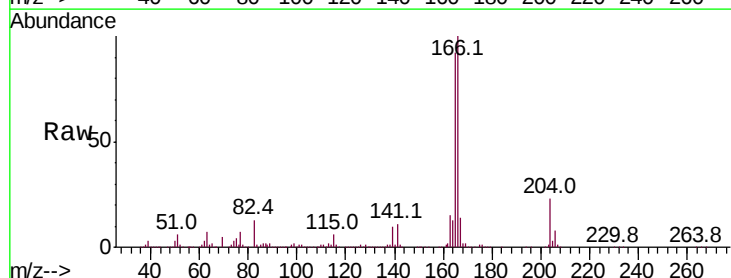
Tgt Ion:166 Resp: 1580932

Ion Ratio Lower Upper

166 100

165 91.6 74.7 112.1

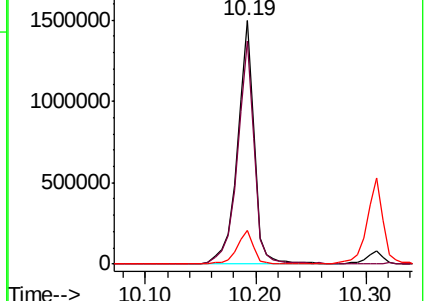
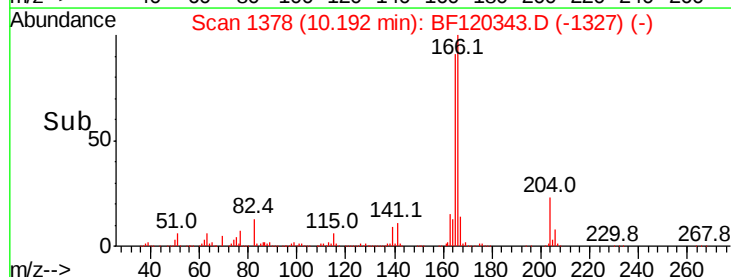
167 13.9 11.4 17.0

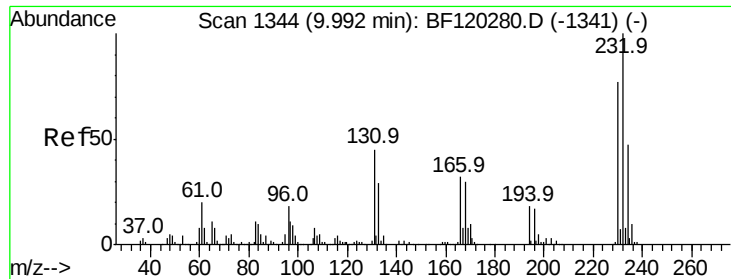


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

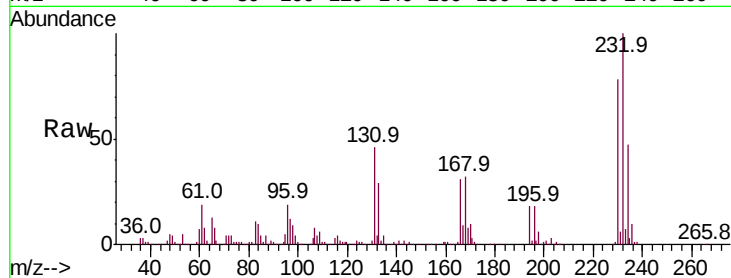




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.324 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB128942BS

Tot Ion:	232	Resp:	430503
Ion	Ratio	Lower	Upper
232	100		
131	44.0	34.1	51.1
130	2.1	1.7	2.5
166	29.3	23.3	34.9



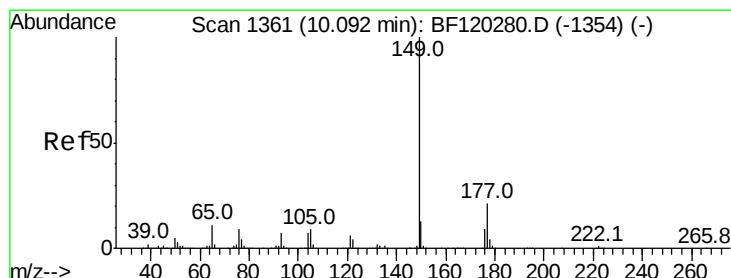
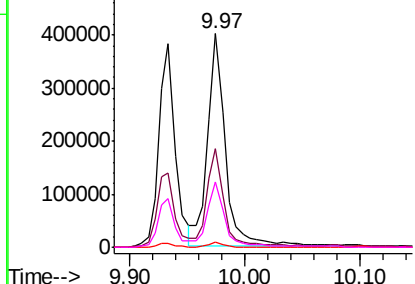
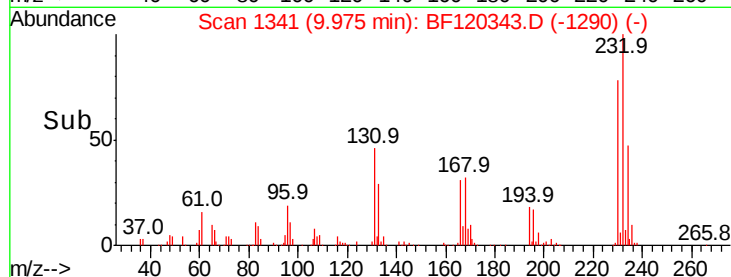
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

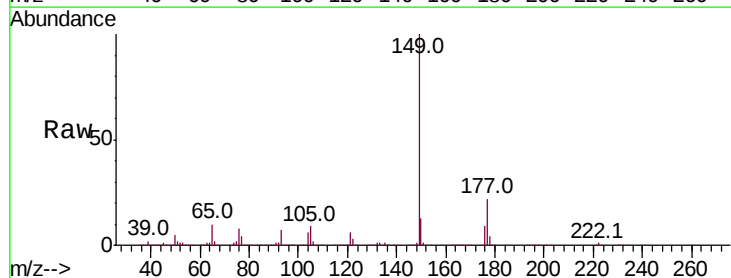
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 45.887 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

Tgt Ion:	149	Resp:	1741519
Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.1	25.7
150	12.7	10.3	15.5

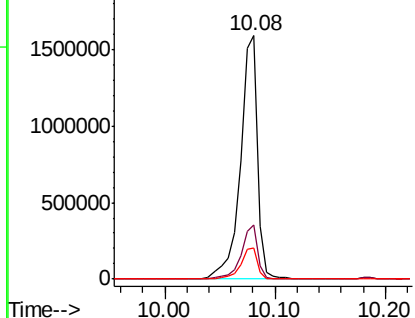
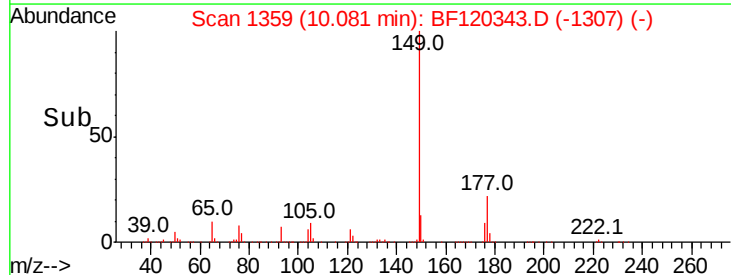


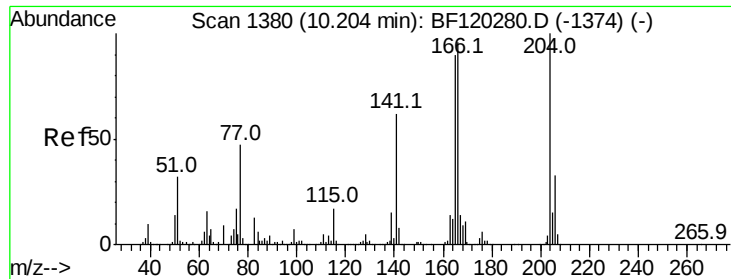
Abundance

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

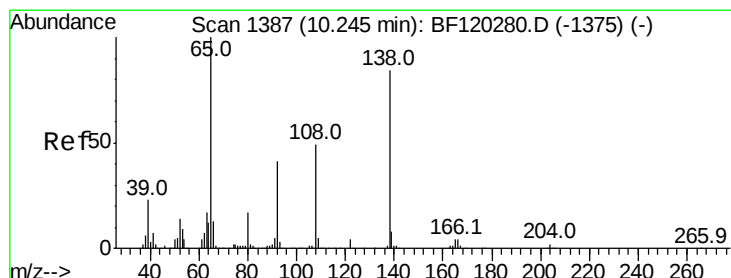
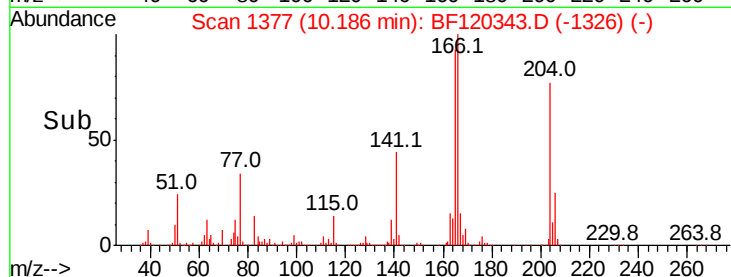
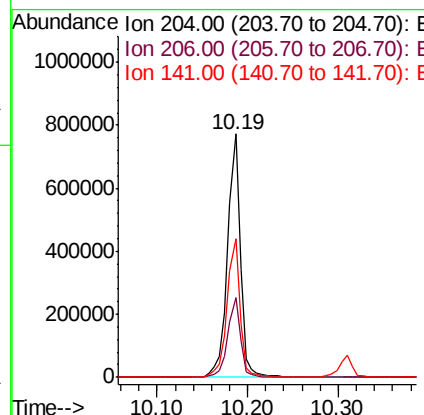
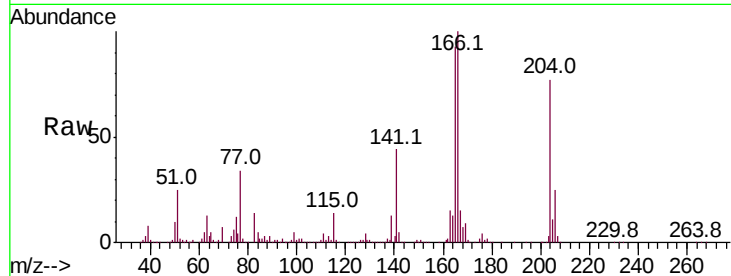




#61
4-Chlorophenyl-phenylether
Concen: 44.144 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

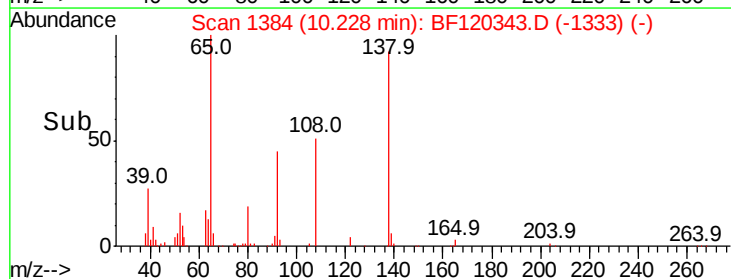
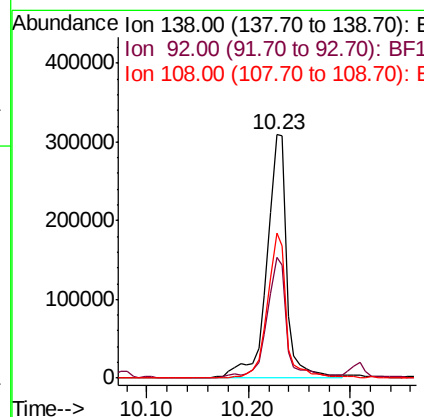
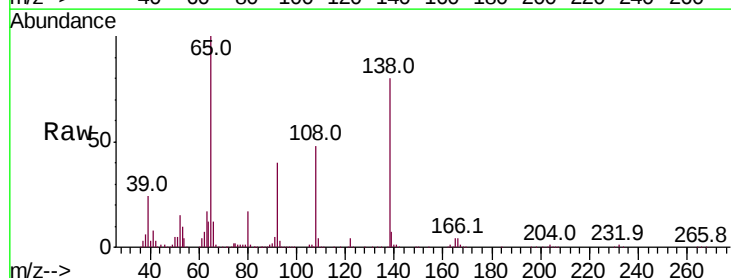
Instrument :
BNA_F
ClientSampleId :
PB128942BS

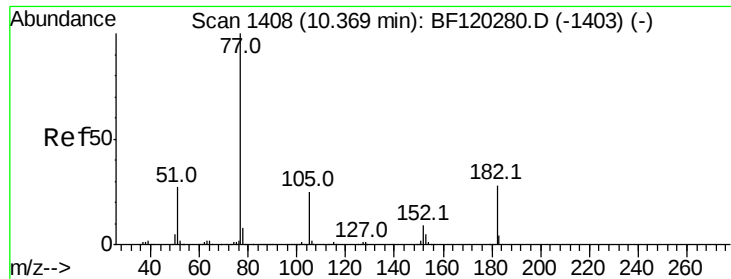
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.8	40.2
141	57.1	49.5	74.3



#62
4-Nitroaniline
Concen: 44.152 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.7	28.9	68.9
108	59.4	38.4	78.4

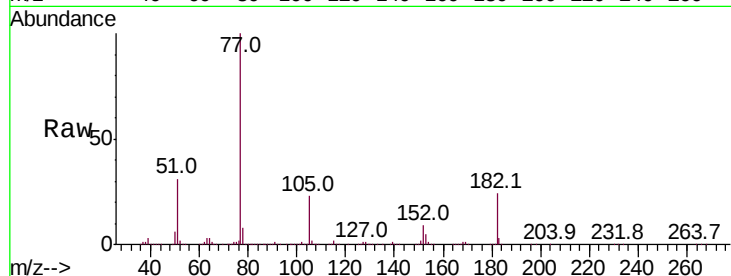




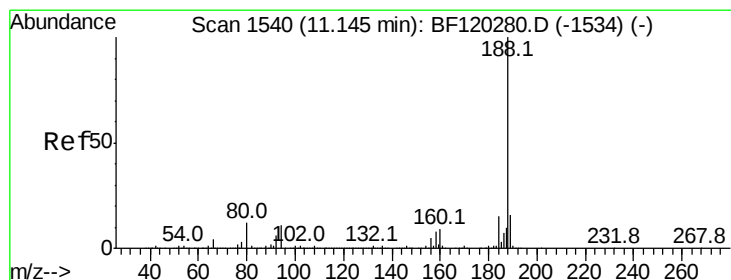
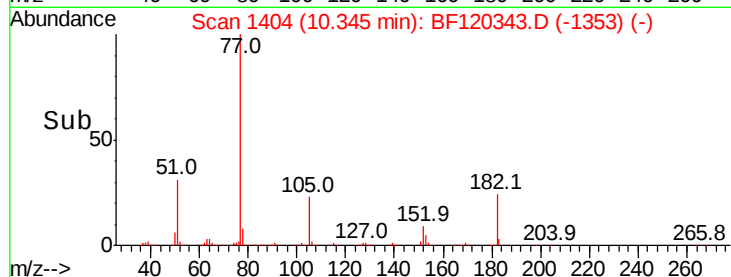
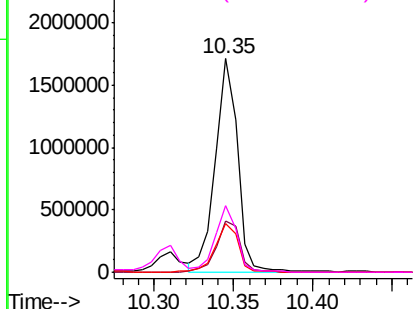
#63
Azobenzene
Concen: 46.448 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Instrument :
BNA_F
ClientSampleId :
PB128942BS

Tot Ion: 77 Resp: 1666075
Ion Ratio Lower Upper
77 100
182 24.0 7.4 47.4
105 23.1 4.4 44.4
51 31.1 8.3 48.3

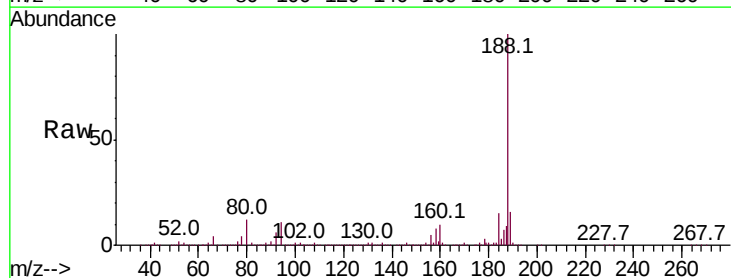


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

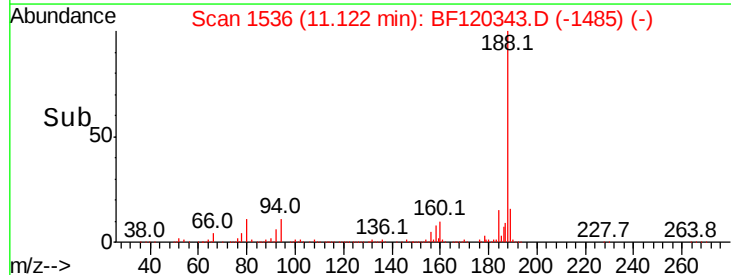
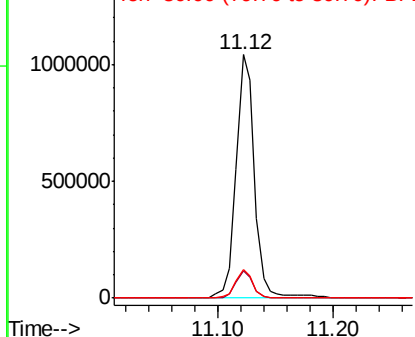


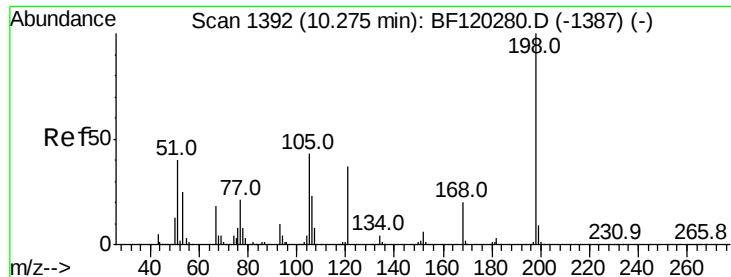
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Tgt Ion: 188 Resp: 1149926
Ion Ratio Lower Upper
188 100
94 11.2 8.6 13.0
80 11.5 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

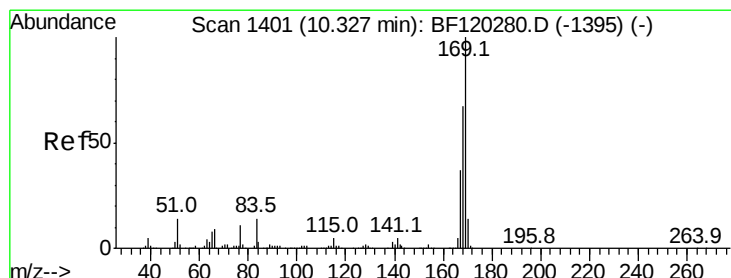
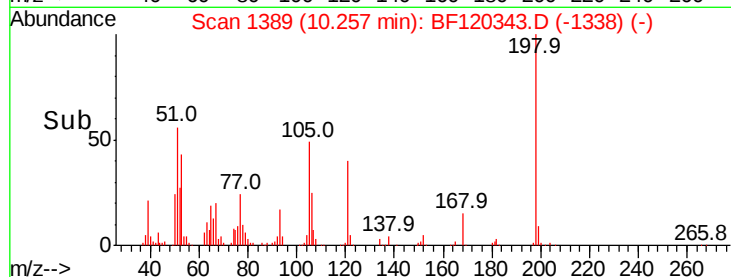
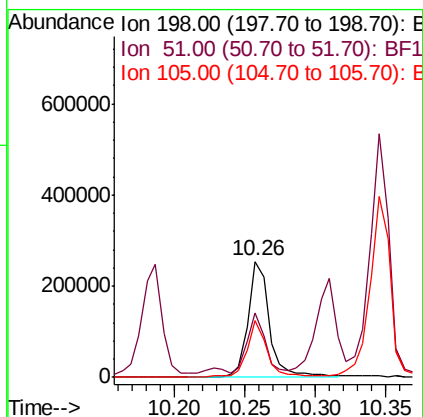
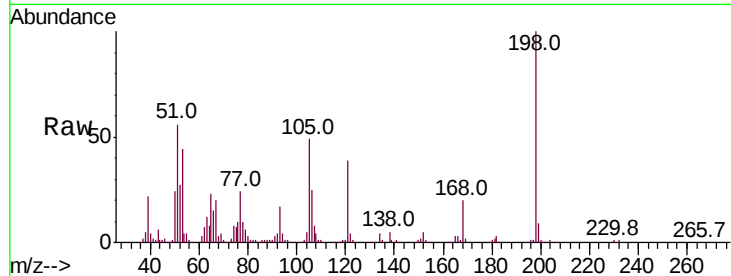




#65
4,6-Dinitro-2-methylphenol
Concen: 46.974 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

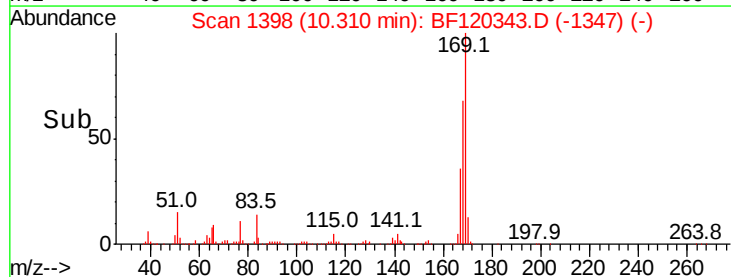
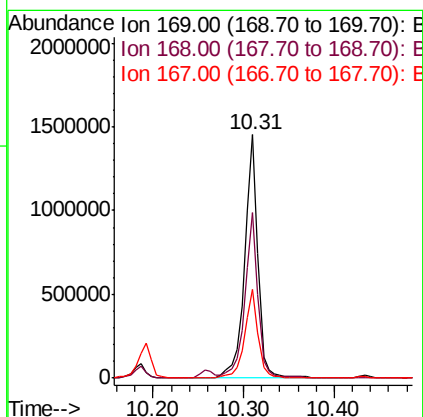
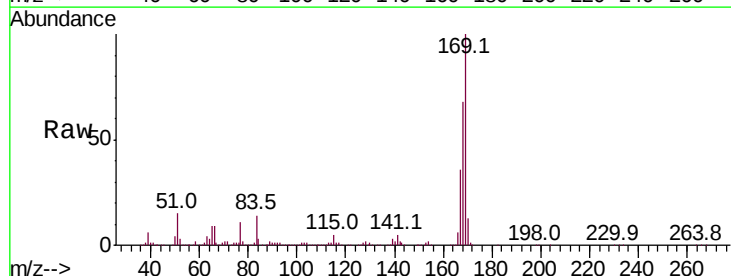
Instrument :
BNA_F
ClientSampleId :
PB128942BS

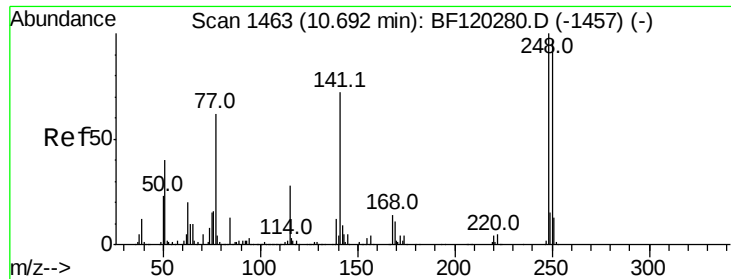
Tot Ion:198 Resp: 273183
Ion Ratio Lower Upper
198 100
51 56.0 27.1 67.1
105 48.7 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 46.917 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Tgt Ion:169 Resp: 1492605
Ion Ratio Lower Upper
169 100
168 67.9 53.7 80.5
167 36.2 29.8 44.6

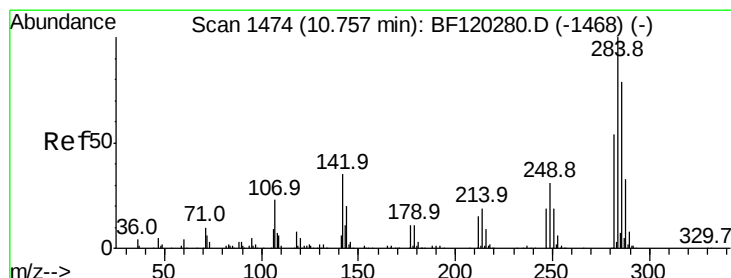
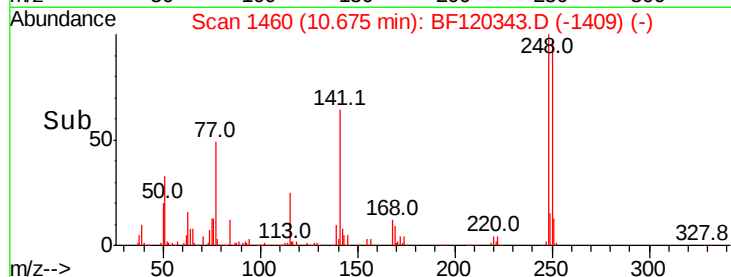
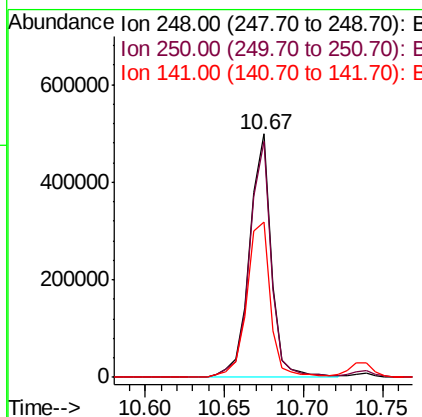
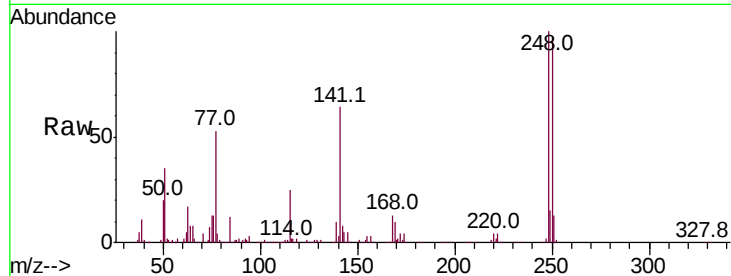




#67
4-Bromophenyl-phenylether
Concen: 42.765 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

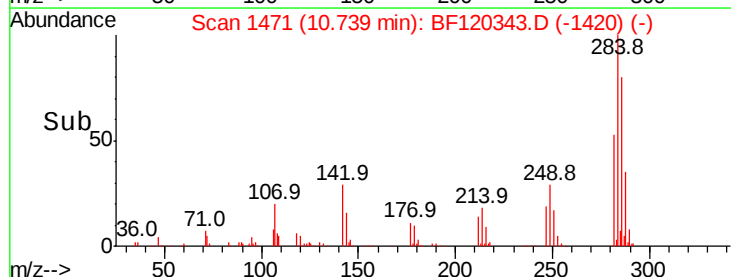
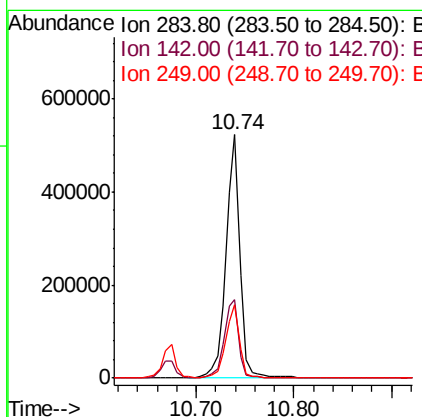
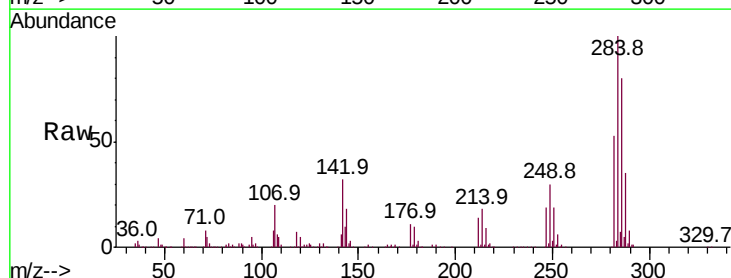
Instrument :
BNA_F
ClientSampleId :
PB128942BS

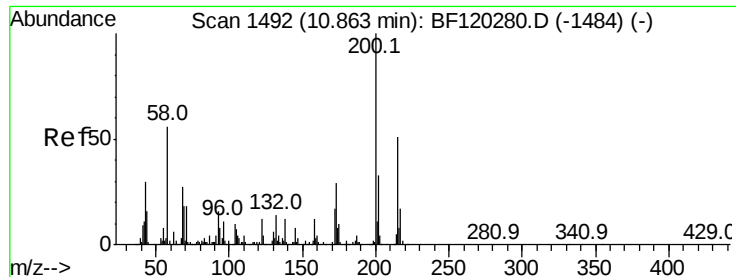
Tot Ion:248 Resp: 477193
Ion Ratio Lower Upper
248 100
250 97.0 77.8 116.6
141 63.9 57.7 86.5



#68
Hexachlorobenzene
Concen: 44.393 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Tgt Ion:284 Resp: 518236
Ion Ratio Lower Upper
284 100
142 32.3 28.5 42.7
249 30.0 24.8 37.2





#69

Atrazine

Concen: 43.244 ng

RT: 10.85 min Scan# 1489

Delta R.T. 0.01 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

ClientSampleId :

PB128942BS

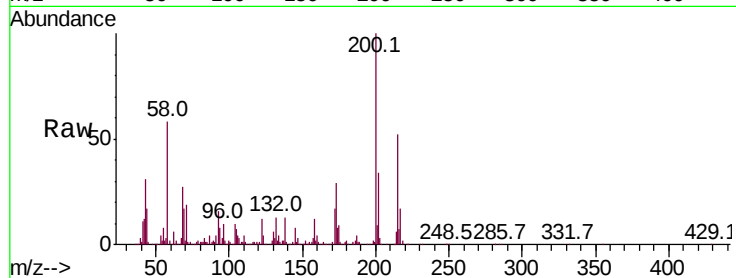
Tot Ion:200 Resp: 411657

Ion Ratio Lower Upper

200 100

173 29.2 8.7 48.7

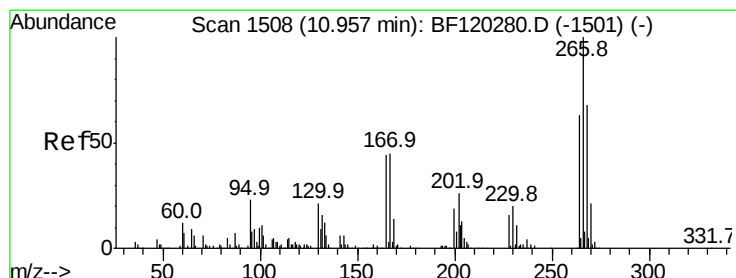
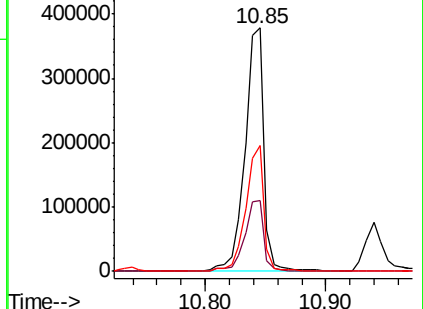
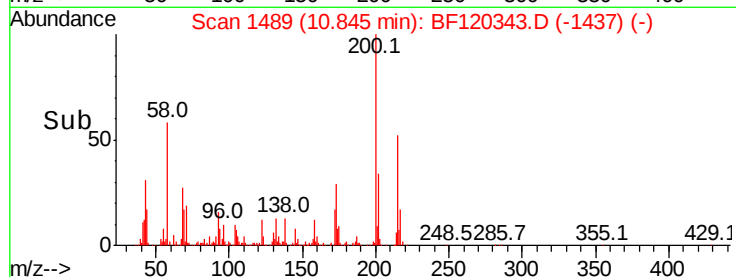
215 51.8 30.6 70.6



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: 90.266 ng

RT: 10.94 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

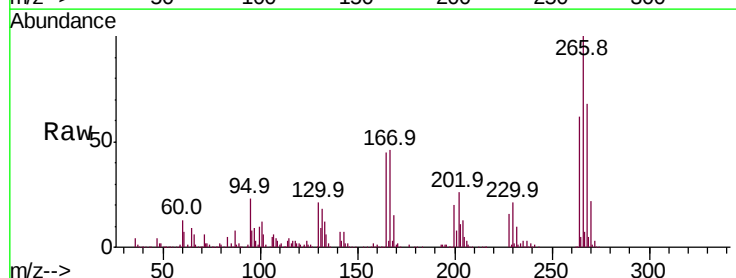
Tgt Ion:266 Resp: 448169

Ion Ratio Lower Upper

266 100

268 68.1 54.2 81.4

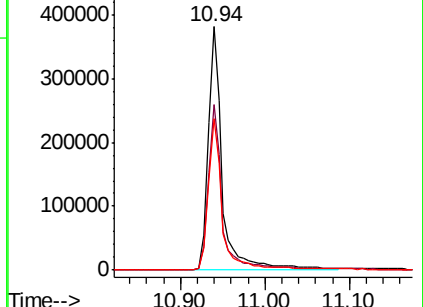
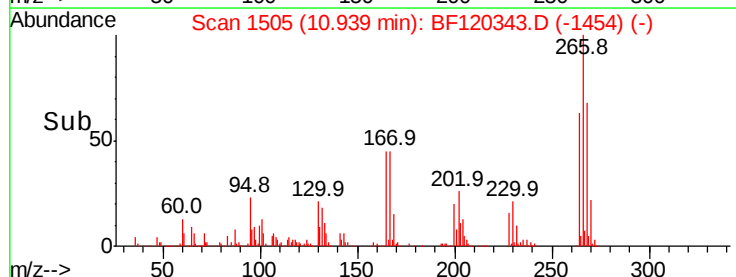
264 62.5 50.2 75.4

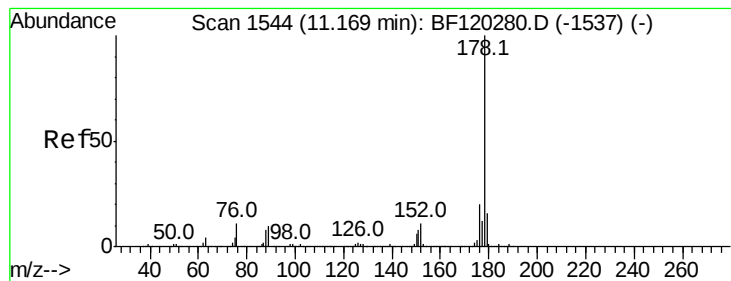


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 47.261 ng

RT: 11.15 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

ClientSampleId :

PB128942BS

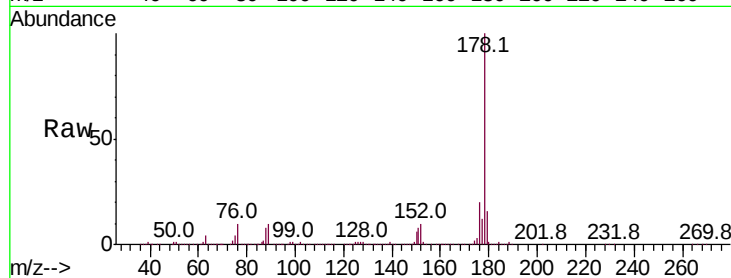
Tot Ion:178 Resp: 2283665

Ion Ratio Lower Upper

178 100

176 20.3 15.8 23.8

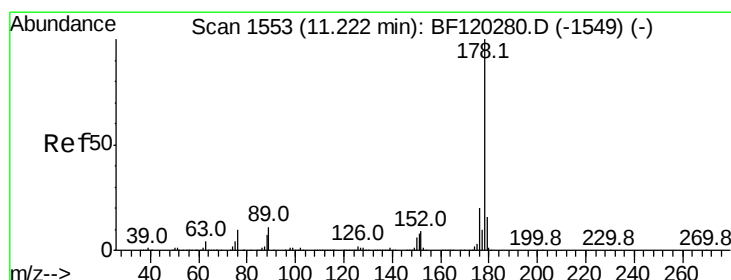
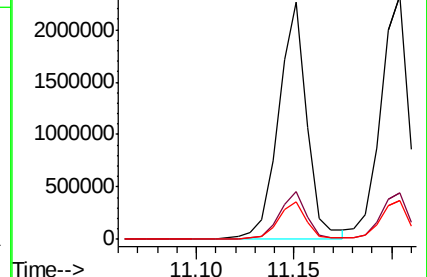
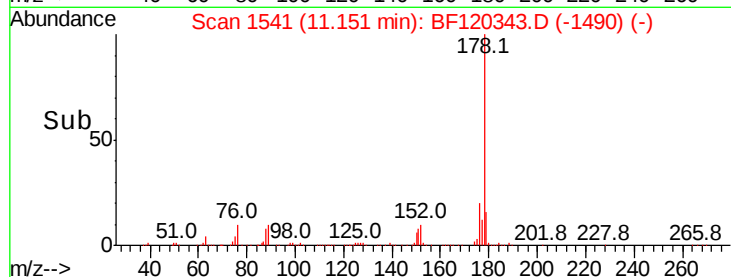
179 16.0 12.8 19.2



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: 47.742 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

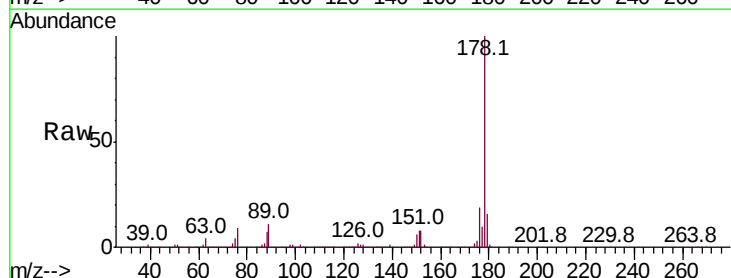
Tgt Ion:178 Resp: 2469608

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

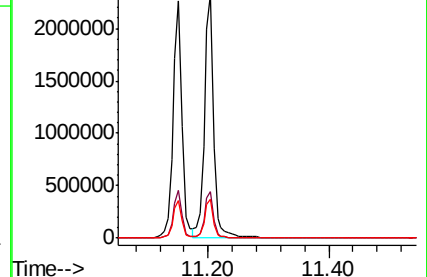
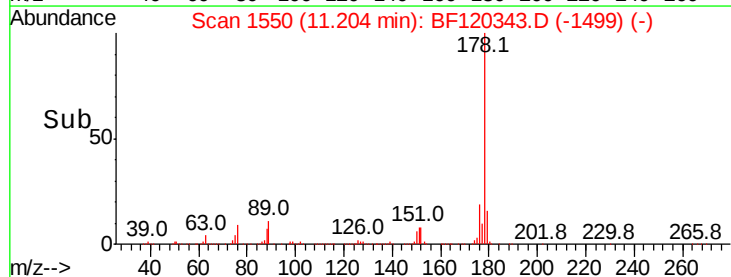
179 15.9 13.0 19.6

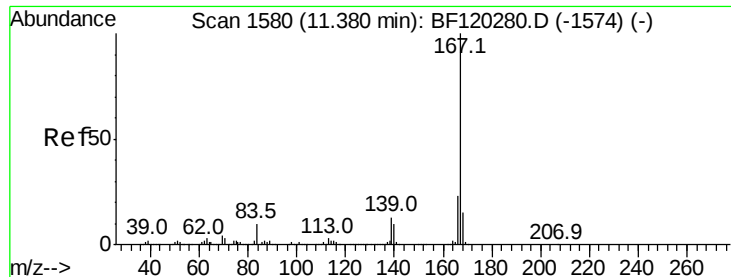


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

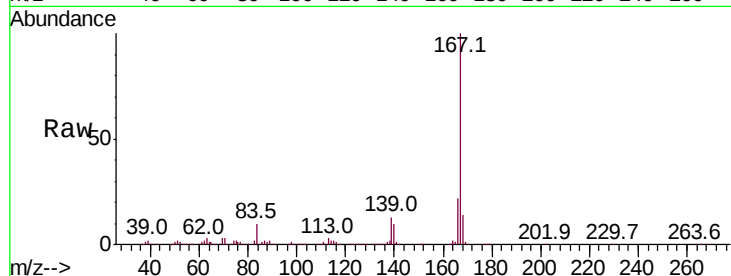




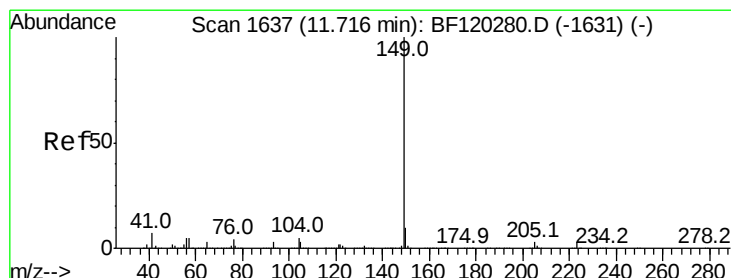
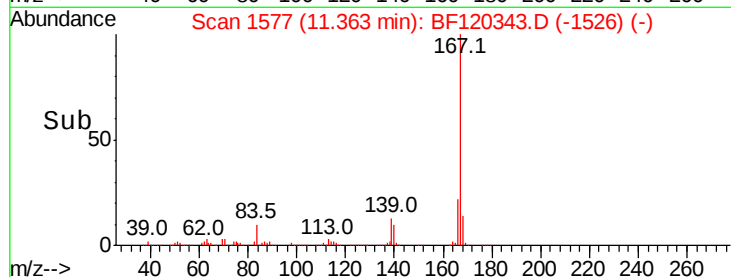
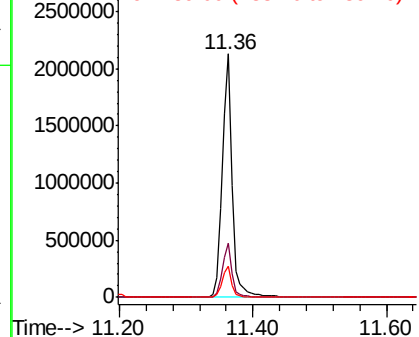
#73
 Carbazole
 Concen: 46.586 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

Instrument :
 BNA_F
 ClientSampleID :
 PB128942BS

Tot Ion:167 Resp: 2251628
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 12.9 10.6 15.8

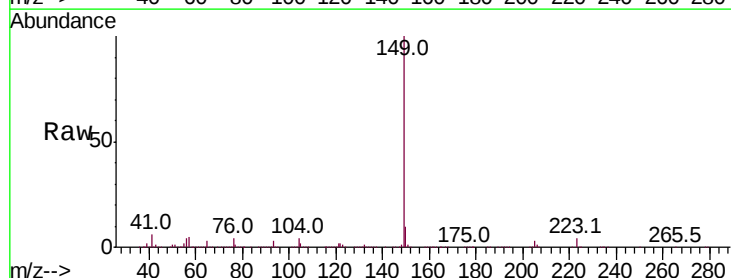


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

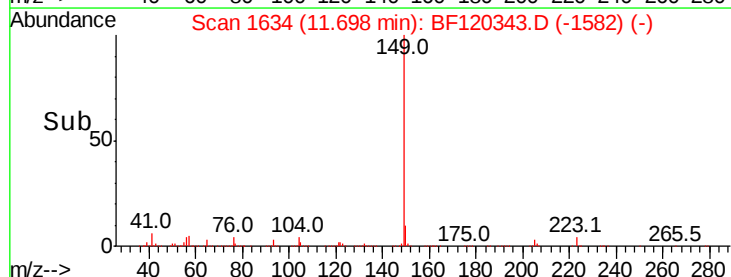
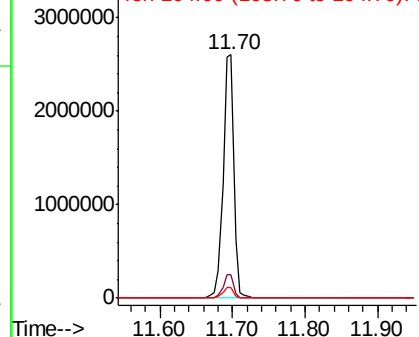


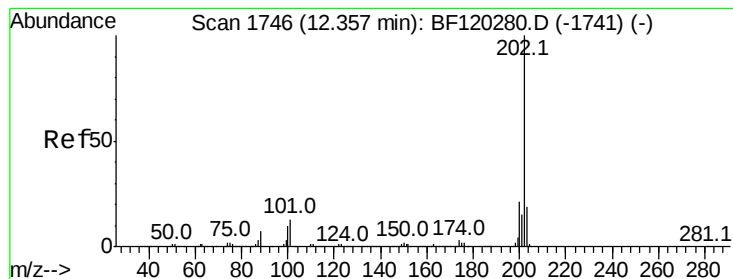
#74
 Di-n-butylphthalate
 Concen: 45.905 ng
 RT: 11.70 min Scan# 1634
 Delta R.T. 0.01 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

Tgt Ion:149 Resp: 2673944
 Ion Ratio Lower Upper
 149 100
 150 9.9 8.2 12.4
 104 4.4 3.8 5.8



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





#75

Fluoranthene

Concen: 48.762 ng

RT: 12.33 min Scan# 1742

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

ClientSampleId :

PB128942BS

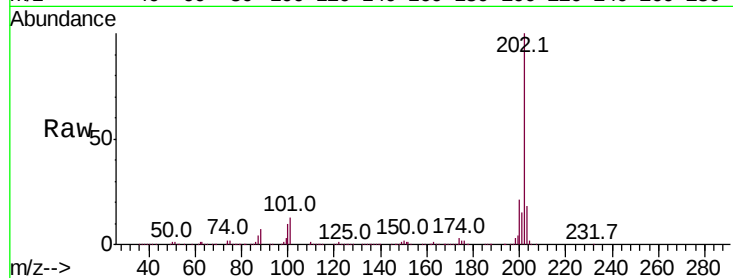
Tot Ion:202 Resp: 2525449

Ion Ratio Lower Upper

202 100

101 13.2 0.0 33.2

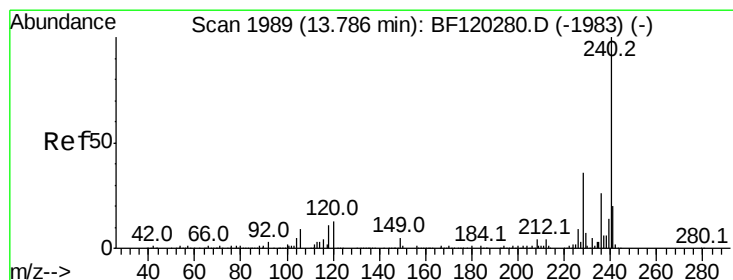
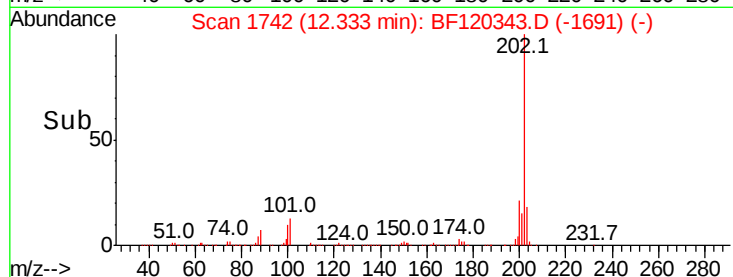
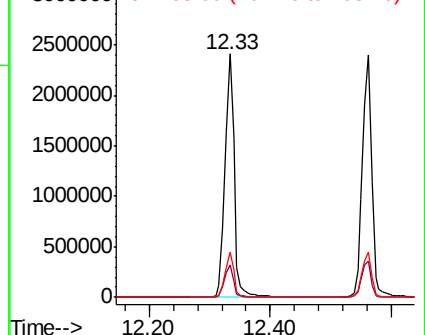
203 18.4 0.0 39.1



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: BF120343.D

Acq: 18 May 2020 15:56

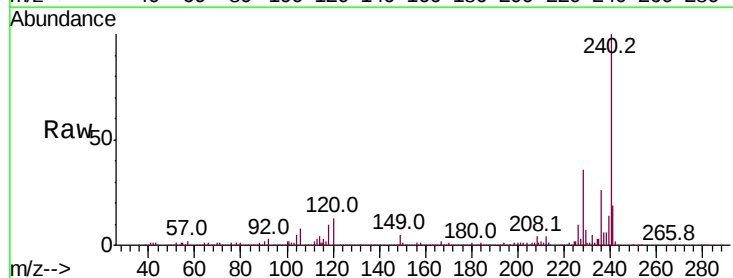
Tgt Ion:240 Resp: 795871

Ion Ratio Lower Upper

240 100

120 12.6 10.4 15.6

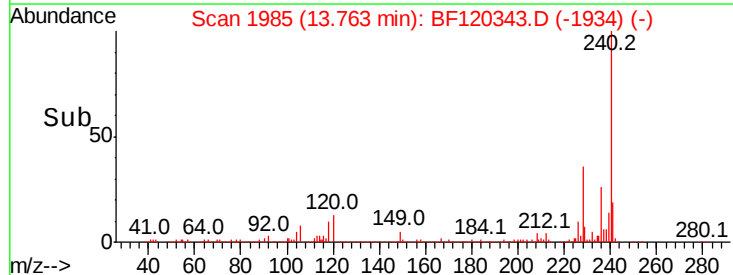
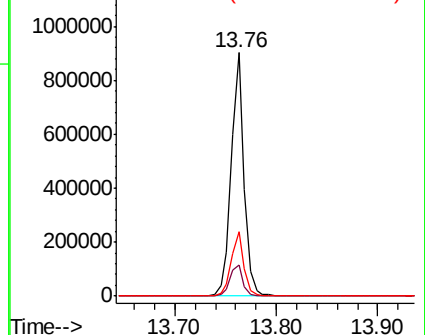
236 26.3 21.0 31.6

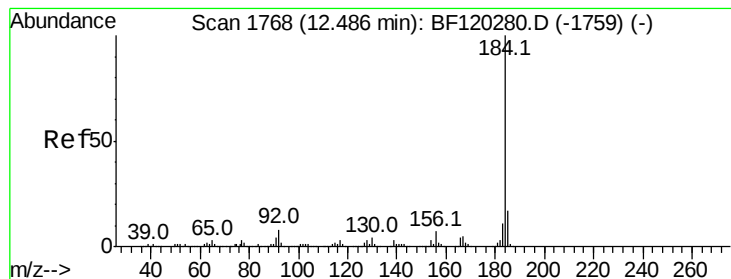


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 53.952 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

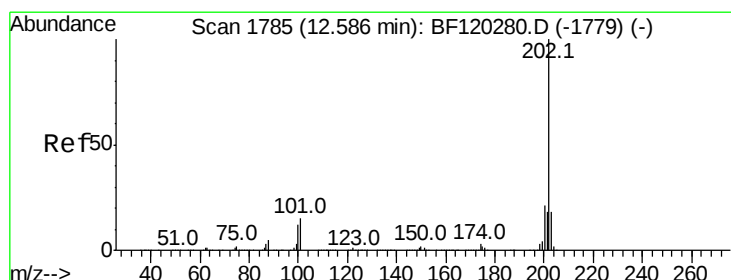
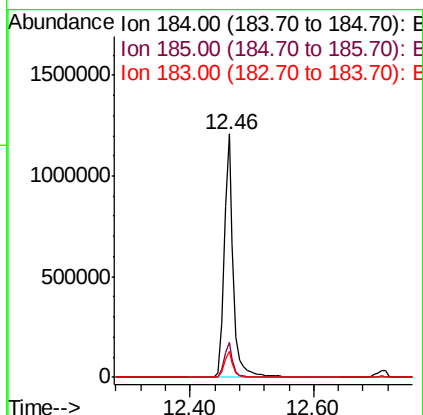
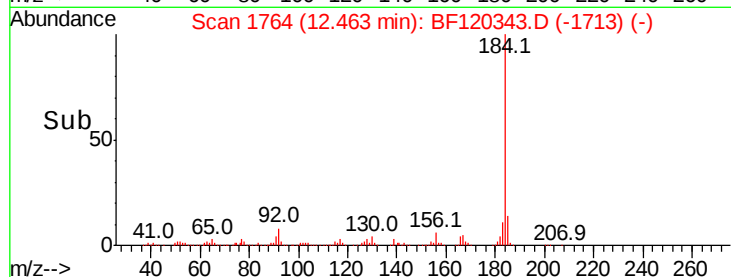
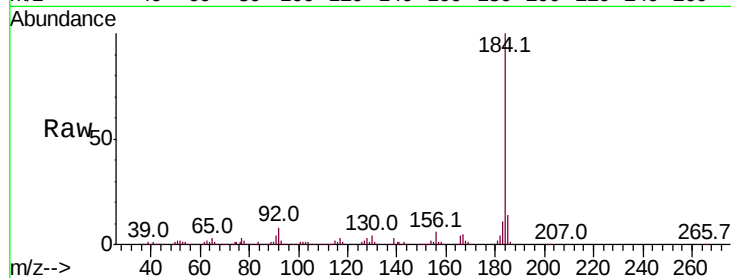
BNA_F

ClientSampleId :

PB128942BS

Tot Ion:184 Resp: 1253889

Ion	Ratio	Lower	Upper
184	100		
185	14.4	13.7	20.5
183	10.7	8.7	13.1



#78

Pyrene

Concen: 44.896 ng

RT: 12.56 min Scan# 1781

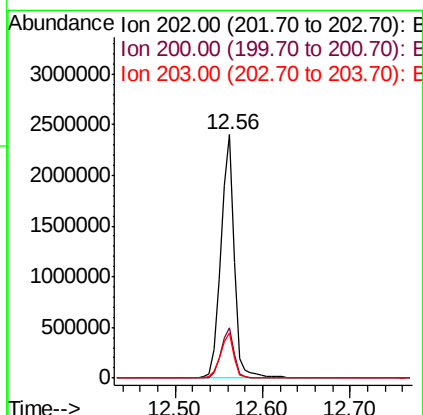
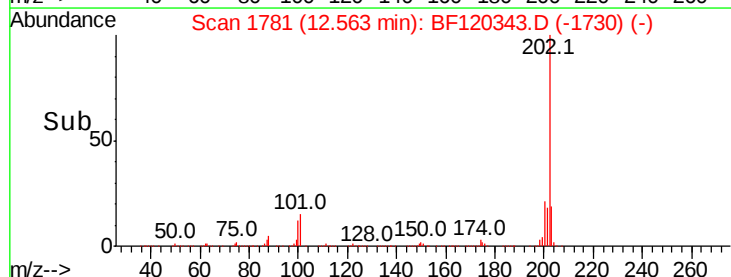
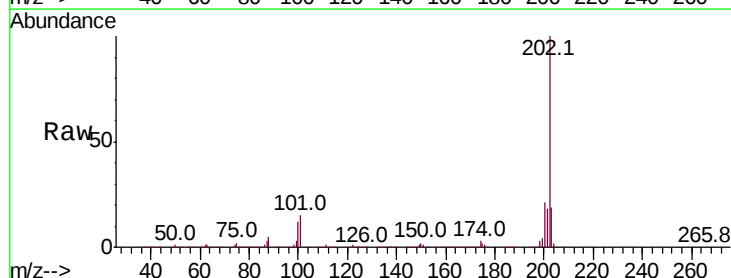
Delta R.T. -0.00 min

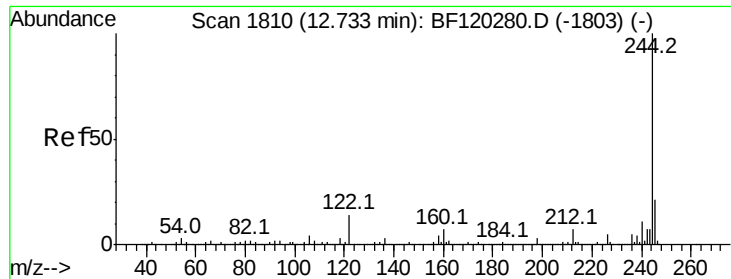
Lab File: BF120343.D

Acq: 18 May 2020 15:56

Tgt Ion:202 Resp: 2547331

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	18.8	14.6	22.0





#79

Terphenyl-d14

Concen: 90.483 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

ClientSampleId :

PB128942BS

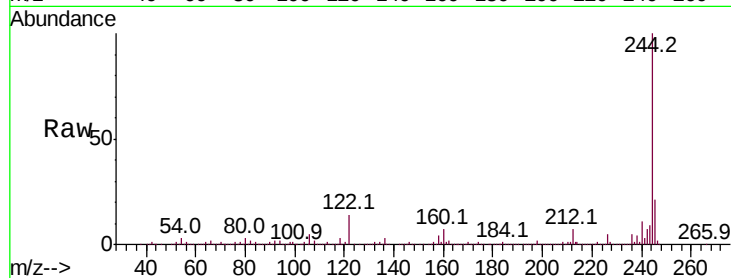
Tot Ion:244 Resp: 3259656

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

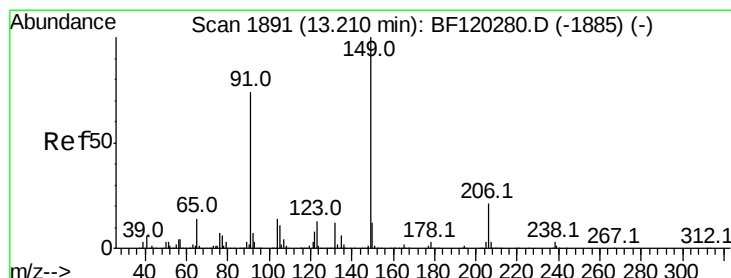
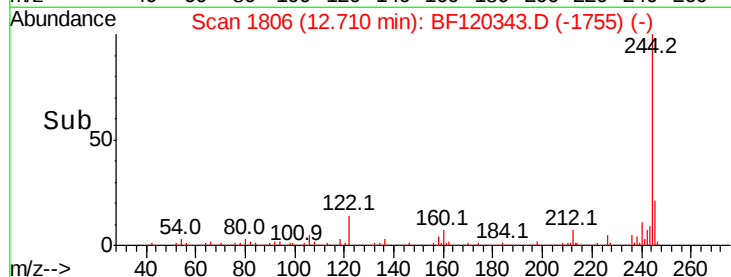
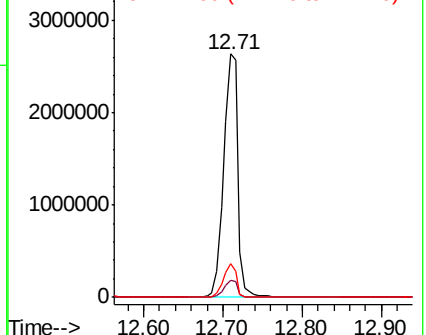
122 14.1 10.8 16.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.520 ng

RT: 13.19 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

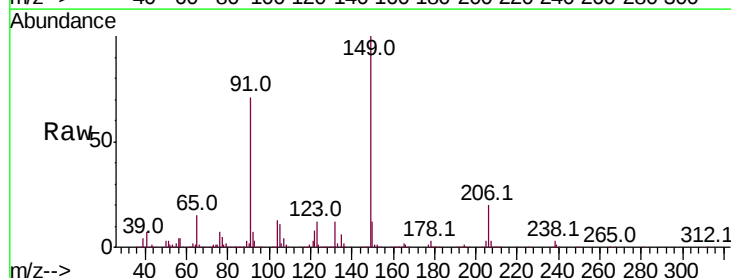
Tgt Ion:149 Resp: 1162726

Ion Ratio Lower Upper

149 100

91 71.2 59.0 88.4

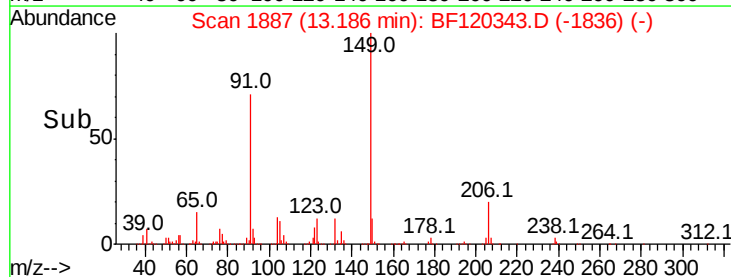
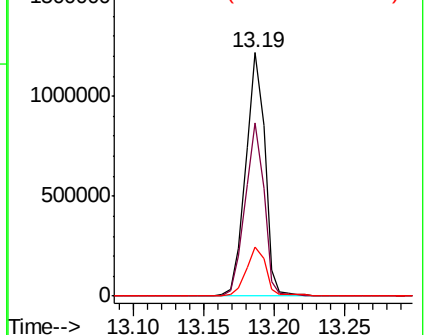
206 20.0 16.8 25.2

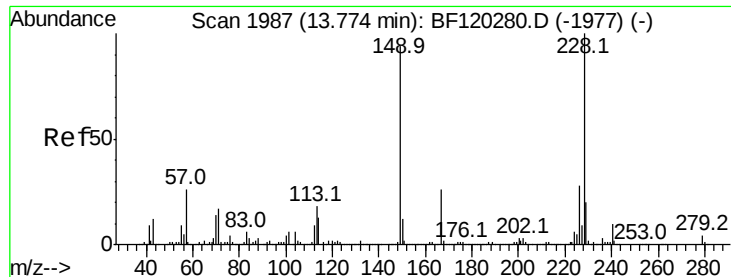


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

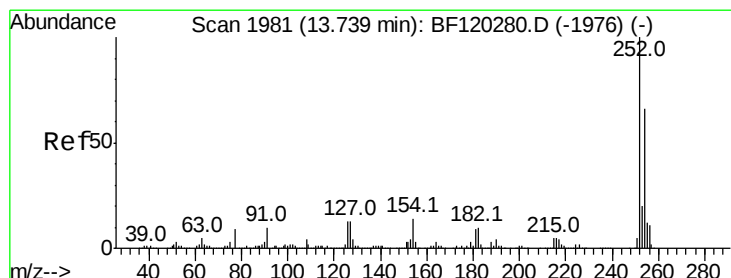
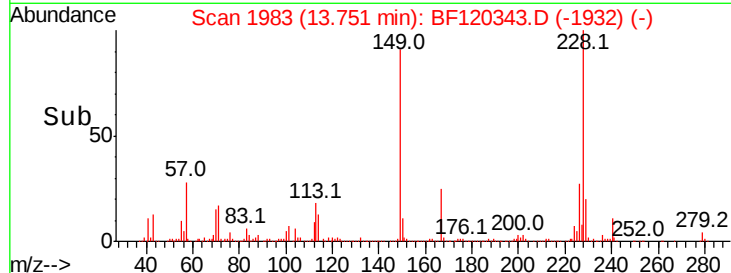
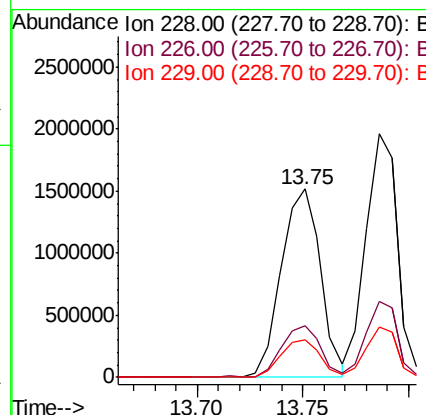
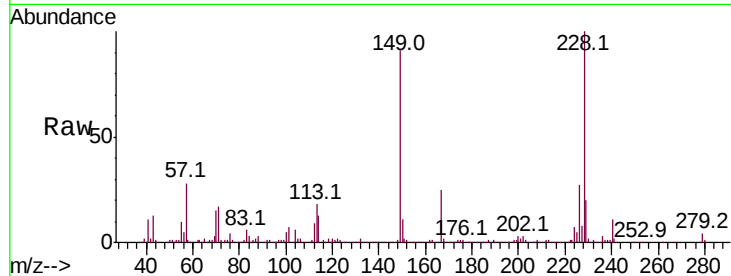




#81
Benzo(a)anthracene
Concen: 46.642 ng
RT: 13.75 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

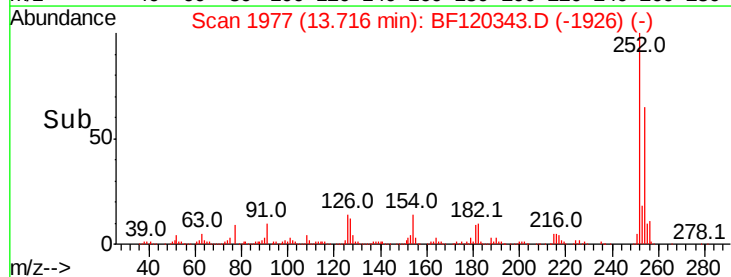
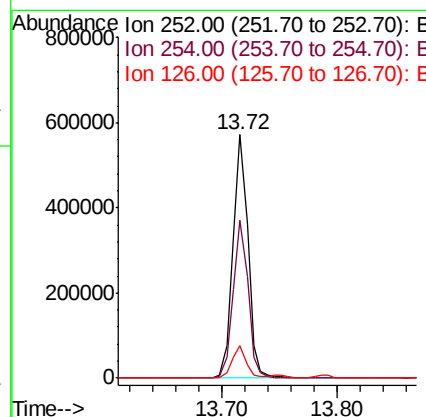
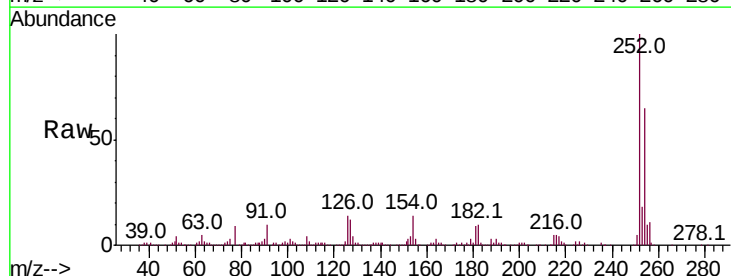
Instrument :
BNA_F
ClientSampleId :
PB128942BS

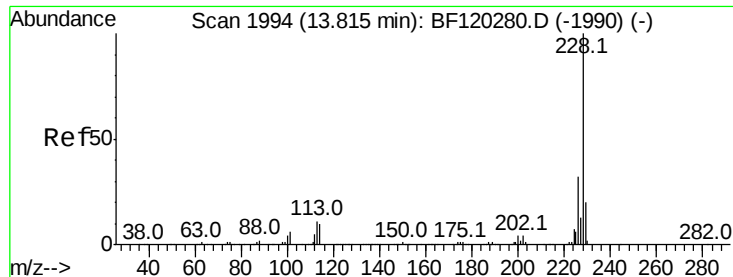
Tot Ion:228 Resp: 1957881
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 20.2 16.4 24.6



#82
3,3'-Dichlorobenzidine
Concen: 32.774 ng
RT: 13.72 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Tgt Ion:252 Resp: 518454
Ion Ratio Lower Upper
252 100
254 64.9 52.6 78.8
126 13.6 10.7 16.1





#83

Chrysene

Concen: 46.293 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

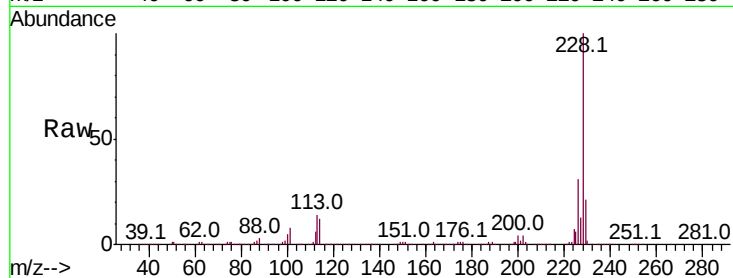
BNA_F

ClientSampleId :

PB128942BS

Tot Ion:228 Resp: 2086674

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	20.9	16.2	24.4

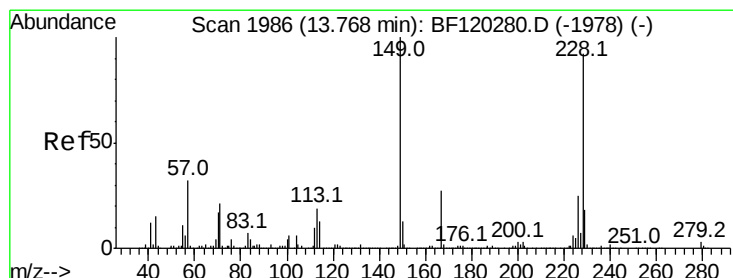
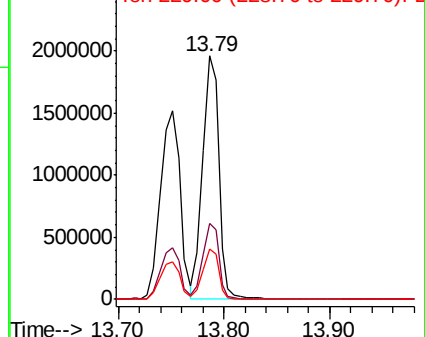
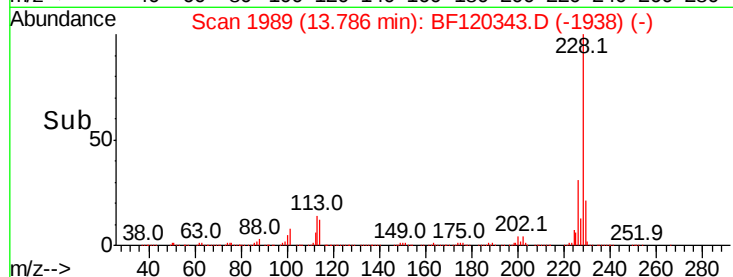


Abundance

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: 42.610 ng

RT: 13.75 min Scan# 1983

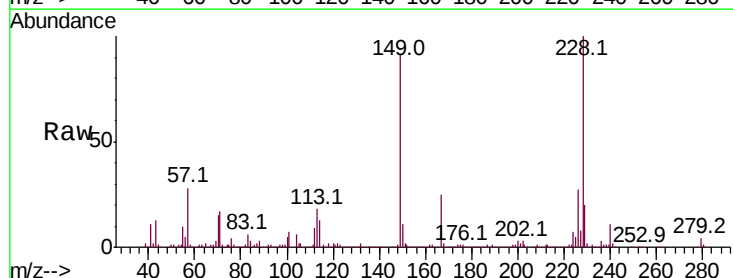
Delta R.T. 0.01 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Tgt Ion:149 Resp: 1416346

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.8	32.8
279	4.0	2.8	4.2

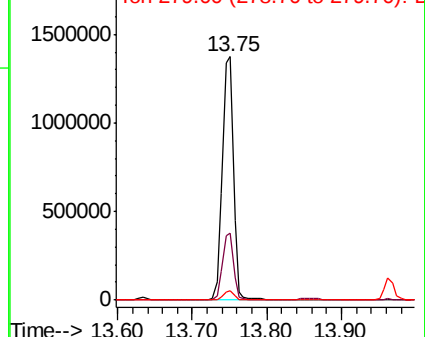
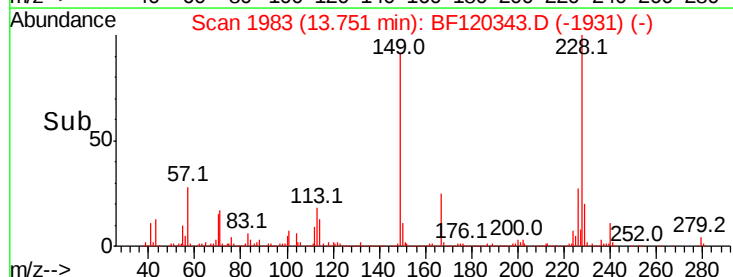


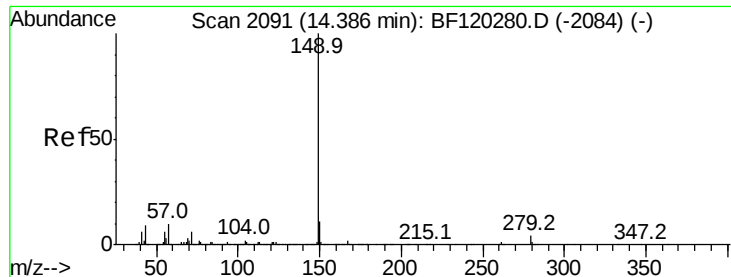
Abundance

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: 44.655 ng

RT: 14.36 min Scan# 2086

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

ClientSampleId :

PB128942BS

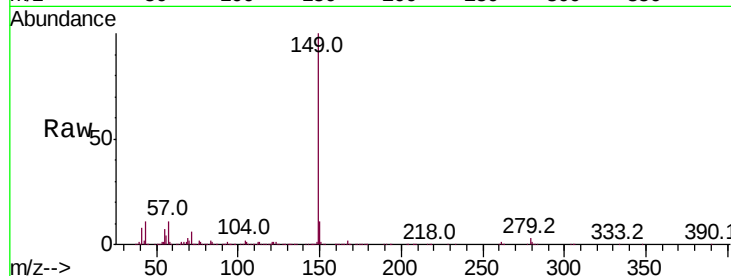
Tot Ion:149 Resp: 2670281

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

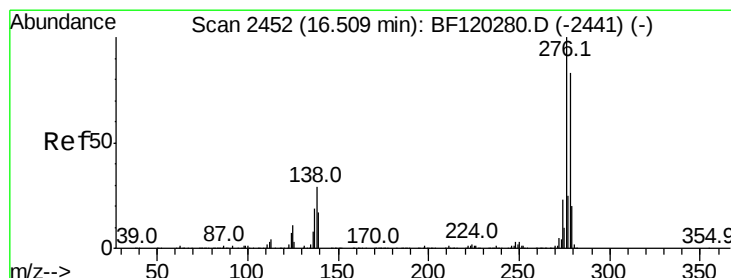
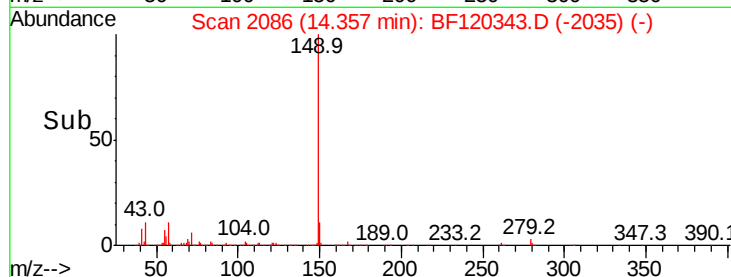
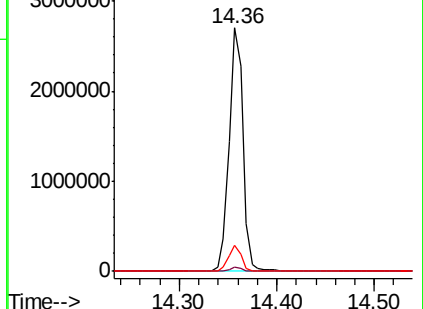
43 10.2 7.5 11.3



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: 43.865 ng

RT: 16.46 min Scan# 2444

Delta R.T. 0.01 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

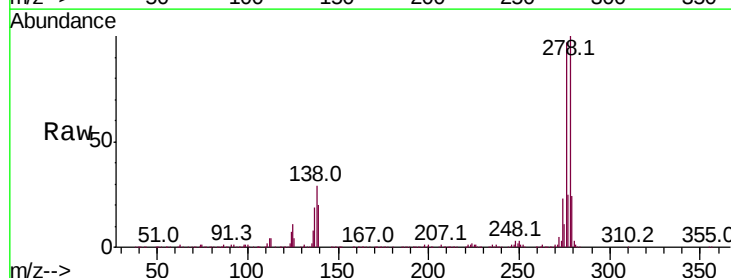
Tgt Ion:276 Resp: 1794541

Ion Ratio Lower Upper

276 100

138 28.7 23.3 34.9

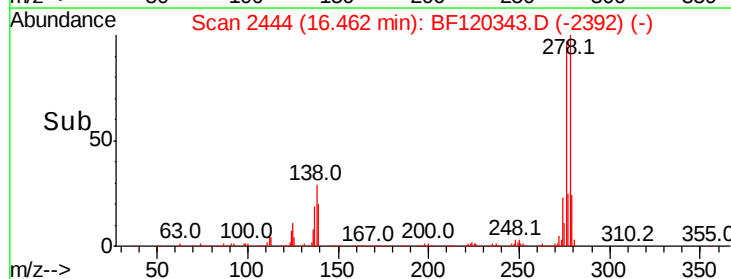
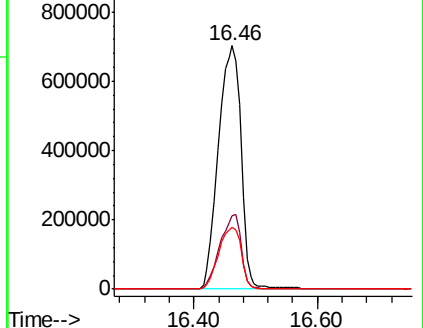
277 25.3 20.2 30.4

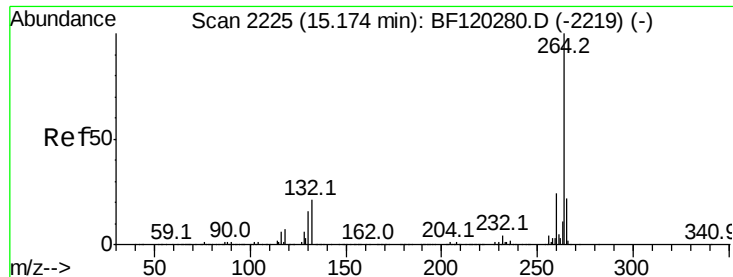


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

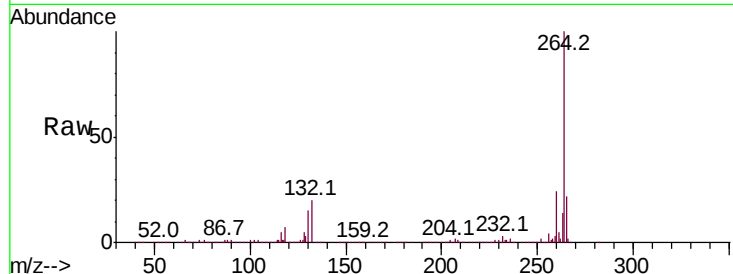




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Instrument :
BNA_F
ClientSampleId :
PB128942BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.6
265	21.9	17.5	26.3

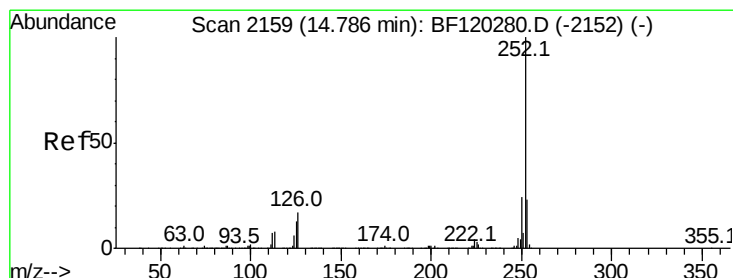
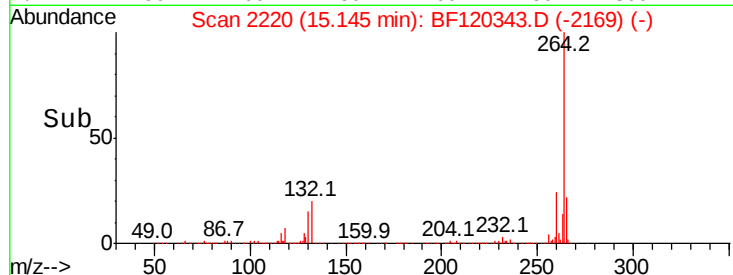
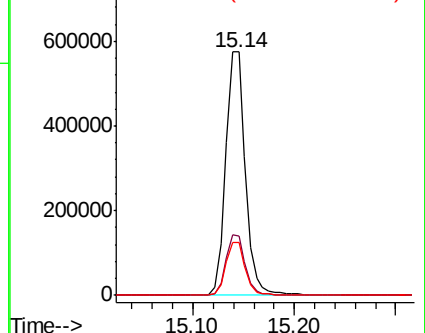


Abundance

Ion 264.00 (263.70 to 264.70): E

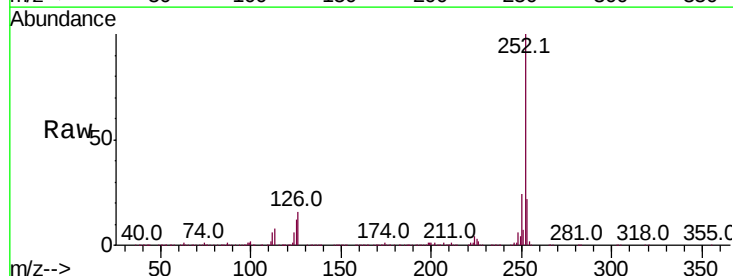
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 46.979 ng
RT: 14.76 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	12.0	10.4	15.6

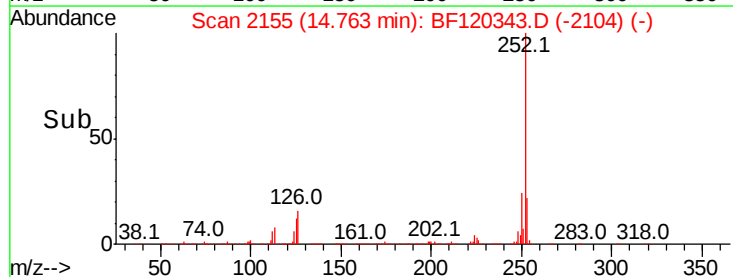
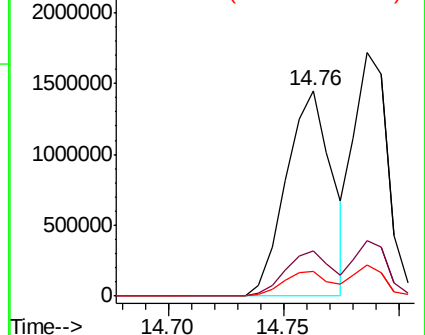


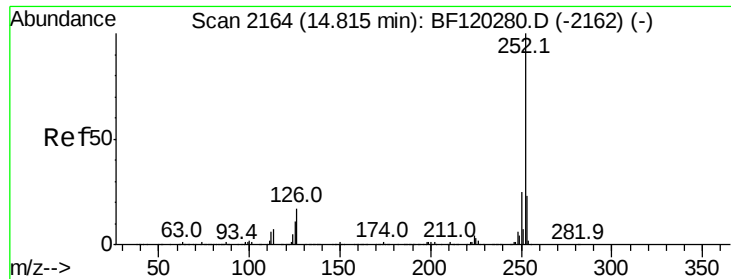
Abundance

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

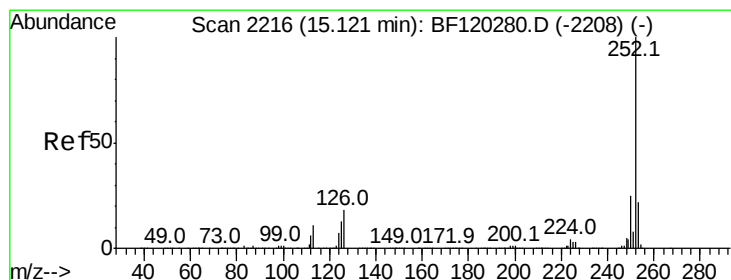
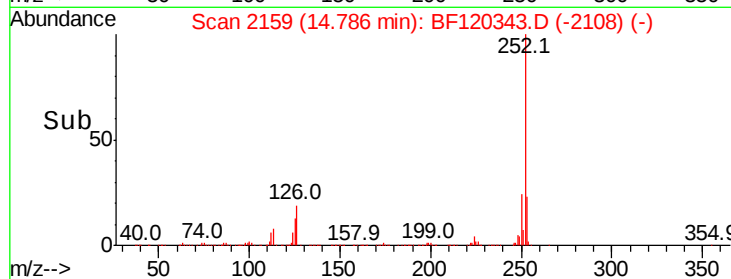
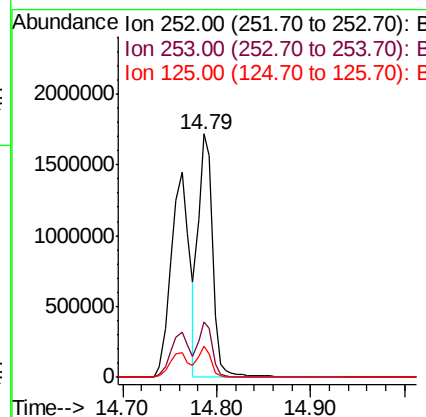
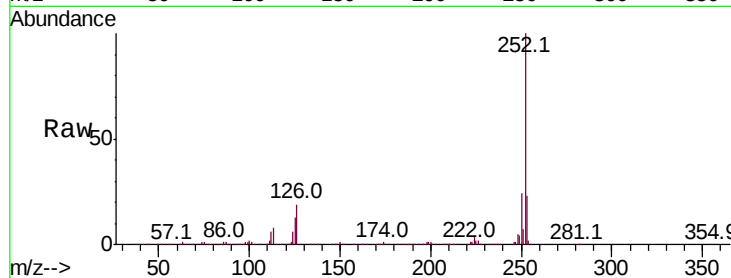




#89
Benzo(k)fluoranthene
Concen: 49.051 ng
RT: 14.79 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

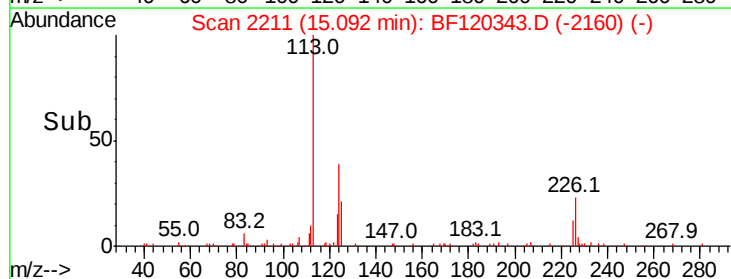
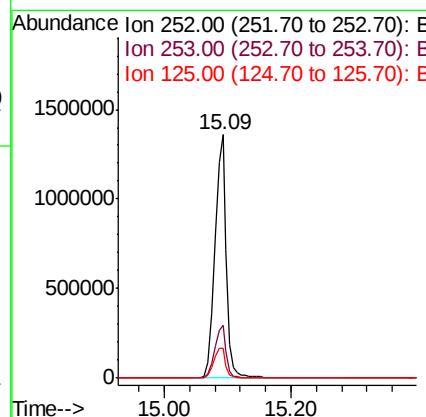
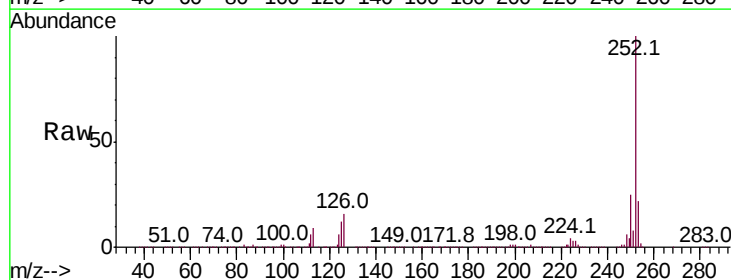
Instrument :
BNA_F
ClientSampleId :
PB128942BS

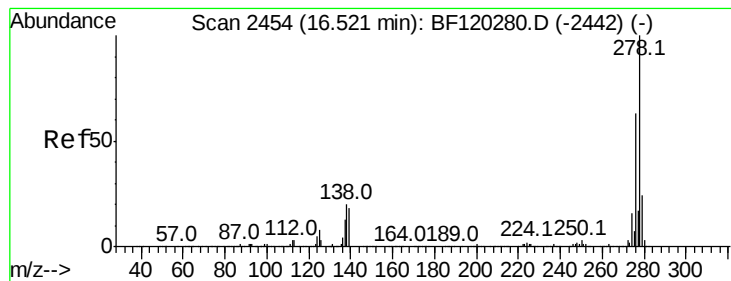
Tot Ion:252 Resp: 1799505
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 12.7 9.9 14.9



#90
Benzo(a)pyrene
Concen: 45.663 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Tgt Ion:252 Resp: 1734092
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 12.5 10.6 16.0





#91

Dibenzo(a,h)anthracene

Concen: 44.326 ng

RT: 16.47 min Scan# 2445

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

ClientSampleId :

PB128942BS

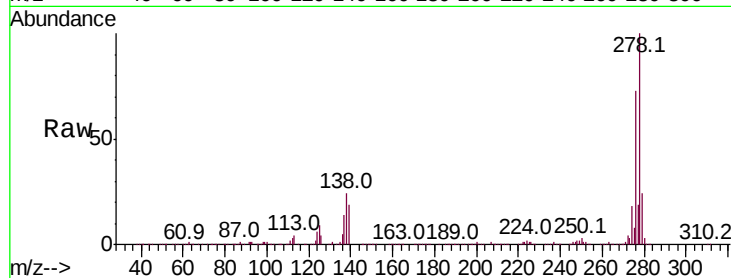
Tot Ion:278 Resp: 1491239

Ion Ratio Lower Upper

278 100

139 19.4 14.7 22.1

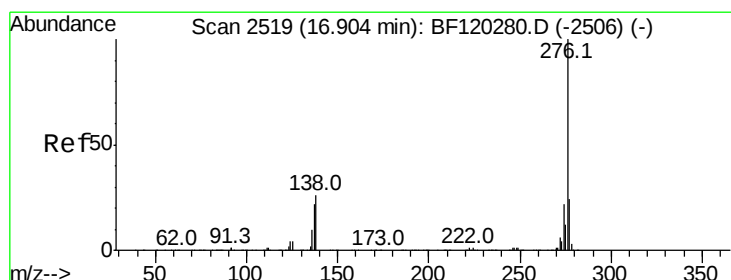
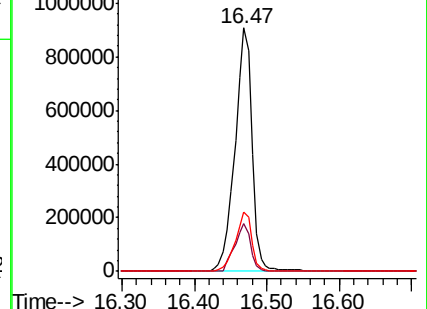
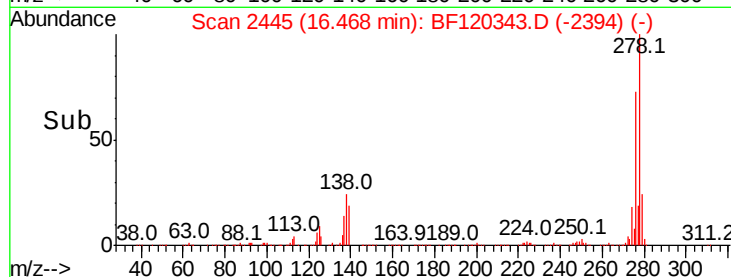
279 24.4 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.516 ng

RT: 16.85 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

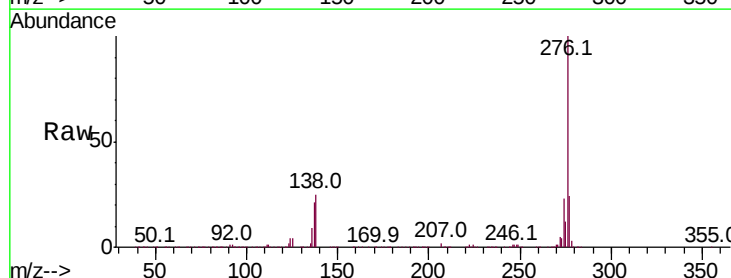
Tgt Ion:276 Resp: 1510232

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 24.5 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

