

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
 Data File : BF120776.D
 Acq On : 7 Jul 2020 9:48
 Operator : JU/CG
 Sample : PB129957BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129957BS

Quant Time: Jul 07 10:52:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	138729	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	521665	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	252345	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	440149	20.00	ng	0.00
76) Chrysene-d12	14.01	240	335610	20.00	ng	0.00
86) Perylene-d12	15.47	264	275190	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	1046584	116.45	ng	0.01
7) Phenol-d6	6.47	99	1267381	110.43	ng	0.00
23) Nitrobenzene-d5	7.41	82	789205	87.65	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	320387	126.38	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1423579	85.35	ng	0.00
79) Terphenyl-d14	12.96	244	1473277	85.95	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.65	88	149236	36.352	ng	99
3) Pyridine	3.39	79	410527	36.508	ng	99
4) n-Nitrosodimethylamine	3.34	42	235568	41.876	ng	93
6) Aniline	6.51	93	510924	34.664	ng	100
8) 2-Chlorophenol	6.63	128	387551	40.504	ng	99
9) Benzaldehyde	6.40	77	137290	20.113	ng	99
10) Phenol	6.49	94	505960	42.855	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	382263	39.789	ng	99
12) 1,3-Dichlorobenzene	6.79	146	415495	39.452	ng	99
13) 1,4-Dichlorobenzene	6.87	146	420569	39.870	ng	99
14) 1,2-Dichlorobenzene	7.02	146	397327	39.591	ng	99
15) Benzyl Alcohol	6.99	79	334586	38.801	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	578262	38.589	ng	100
17) 2-Methylphenol	7.10	107	313245	36.595	ng	99
18) Hexachloroethane	7.36	117	164366	41.457	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	274325	39.698	ng	99
20) 3+4-Methylphenols	7.25	107	396292	37.590	ng	91
22) Acetophenone	7.26	105	537499	41.452	ng	# 93
24) Nitrobenzene	7.43	77	423826	41.923	ng	98
25) Isophorone	7.67	82	749515	38.600	ng	96
26) 2-Nitrophenol	7.75	139	163607	39.281	ng	99
27) 2,4-Dimethylphenol	7.78	122	326373	42.105	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	468703	40.784	ng	99
29) 2,4-Dichlorophenol	7.99	162	306297	39.583	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	341361	39.276	ng	98
31) Naphthalene	8.16	128	1122523	40.264	ng	100
32) Benzoic acid	7.89	122	188672	35.618	ng	97
33) 4-Chloroaniline	8.20	127	288315	24.371	ng	95
34) Hexachlorobutadiene	8.27	225	204072	39.040	ng	98
35) Caprolactam	8.56	113	49878	22.121	ng	93
36) 4-Chloro-3-methylphenol	8.67	107	322427	40.056	ng	100
37) 2-Methylnaphthalene	8.85	142	733801	40.489	ng	99
38) 1-Methylnaphthalene	8.95	142	697099	41.064	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	314259	41.206	ng	98

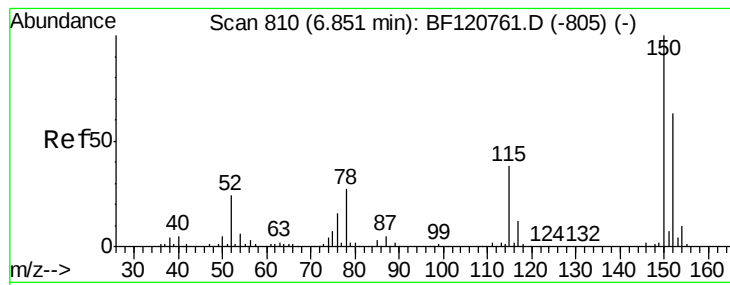
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	408577	90.674	nq	97
43) 2,4,6-Trichlorophenol	9.12	196	207724	39.972	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	221834	38.464	nq	97
46) 1,1'-Biphenyl	9.31	154	858774	42.190	nq	99
47) 2-Chloronaphthalene	9.33	162	668158	40.974	nq	100
48) 2-Nitroaniline	9.43	65	205201	42.352	nq	99
49) Acenaphthylene	9.75	152	1035724	40.512	nq	99
50) Dimethylphthalate	9.61	163	738703	40.129	nq	100
51) 2,6-Dinitrotoluene	9.67	165	149378	41.171	nq	97
52) Acenaphthene	9.92	154	691786	43.617	nq	98
53) 3-Nitroaniline	9.83	138	116396	26.935	nq	99
54) 2,4-Dinitrophenol	9.94	184	99194	70.239	nq	# 90
55) Dibenzofuran	10.09	168	931668	40.751	nq	99
56) 4-Nitrophenol	9.99	139	268652	79.590	nq	99
57) 2,4-Dinitrotoluene	10.07	165	195598	43.247	nq	98
58) Fluorene	10.43	166	726744	42.707	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	167097	38.935	nq	96
60) Diethylphthalate	10.31	149	762054	39.740	nq	100
61) 4-Chlorophenyl-phenylether	10.43	204	347749	40.651	nq	99
62) 4-Nitroaniline	10.45	138	164673	42.103	nq	97
63) Azobenzene	10.59	77	814170	41.505	nq	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	69261	38.965	nq	98
66) n-Nitrosodiphenylamine	10.55	169	630585	42.744	nq	100
67) 4-Bromophenyl-phenylether	10.92	248	200818	39.332	nq	# 89
68) Hexachlorobenzene	10.98	284	222441	41.518	nq	99
69) Atrazine	11.07	200	169349	44.558	nq	98
70) Pentachlorophenol	11.17	266	260353	85.889	nq	100
71) Phenanthrene	11.40	178	999983	41.872	nq	99
72) Anthracene	11.45	178	1042357	43.192	nq	99
73) Carbazole	11.60	167	938075	40.450	nq	99
74) Di-n-butylphthalate	11.94	149	1158233	40.340	nq	100
75) Fluoranthene	12.59	202	1058643	41.612	nq	98
77) Benzidine	12.70	184	484690	51.166	nq	99
78) Pyrene	12.81	202	1072964	40.030	nq	100
80) Butylbenzylphthalate	13.43	149	436675	37.735	nq	90
81) Benzo(a)anthracene	14.00	228	888244	41.288	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	188890	26.018	nq	98
83) Chrysene	14.04	228	884247	40.296	nq	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	620955	40.920	nq	98
85) Di-n-octyl phthalate	14.61	149	1026068	38.220	nq	99
87) Indeno(1,2,3-cd)pyrene	16.92	276	765519	43.370	nq	99
88) Benzo(b)fluoranthene	15.04	252	744584	41.156	nq	99
89) Benzo(k)fluoranthene	15.07	252	790322	44.894	nq	99
90) Benzo(a)pyrene	15.41	252	667072	41.334	nq	98
91) Dibenzo(a,h)anthracene	16.94	278	654420	44.483	nq	99
92) Benzo(g,h,i)perylene	17.36	276	592346	44.055	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF120776.D

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BNA_F

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PB129957BS

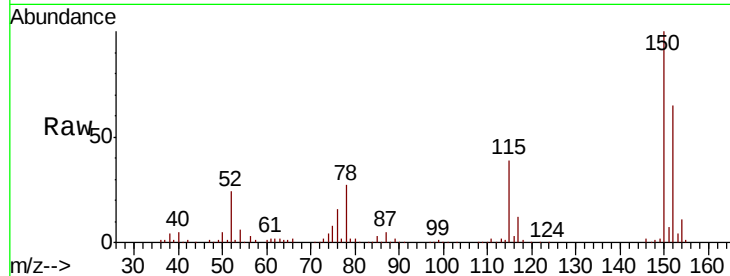
Tot Ion:152 Resp: 138729

Ion Ratio Lower Upper

152 100

150 154.8 126.1 189.1

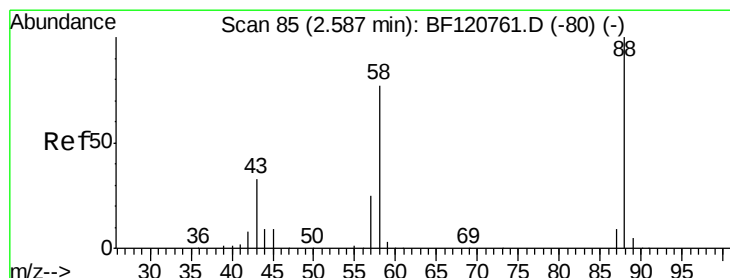
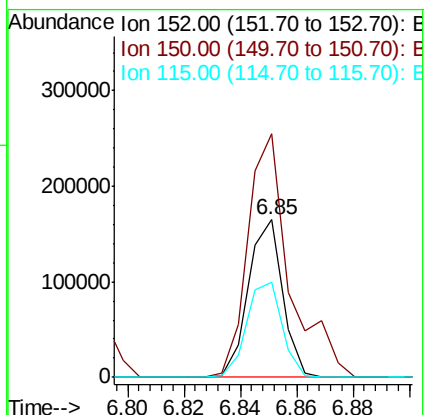
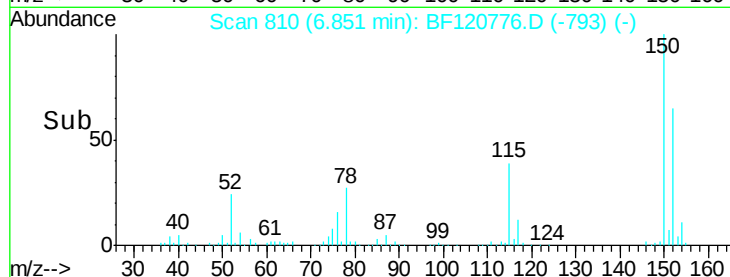
115 60.5 48.5 72.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.352 ng

RT: 2.65 min Scan# 95

Delta R.T. 0.06 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

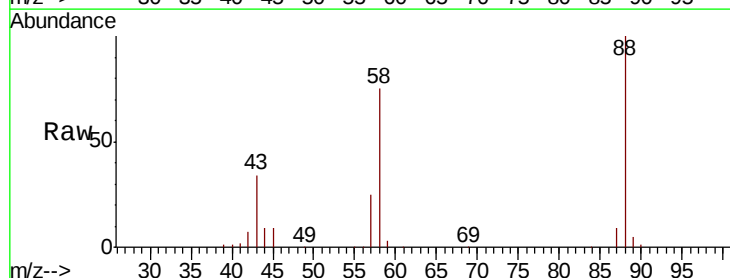
Tgt Ion: 88 Resp: 149236

Ion Ratio Lower Upper

88 100

58 75.3 60.4 90.6

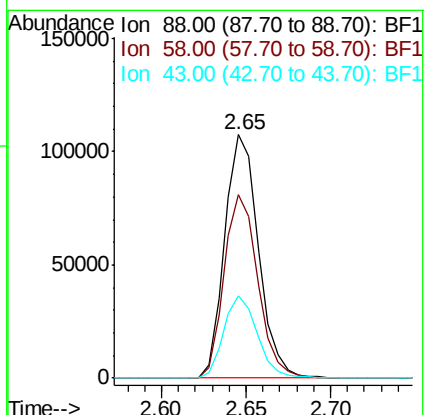
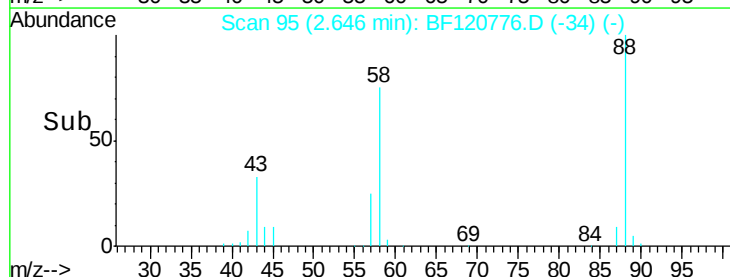
43 34.1 26.3 39.5

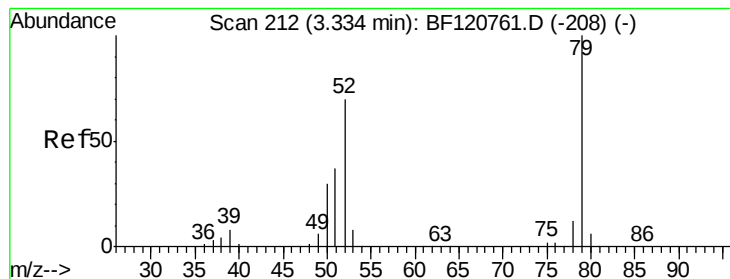


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.508 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.05 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

Instrument :

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ClientSampleId :

PB129957BS

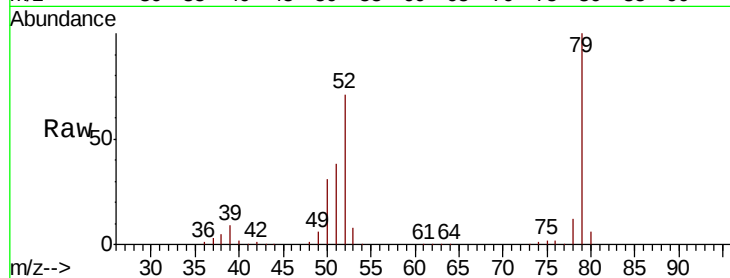
Tot Ion: 79 Resp: 410527

Ion Ratio Lower Upper

79 100

52 71.1 56.3 84.5

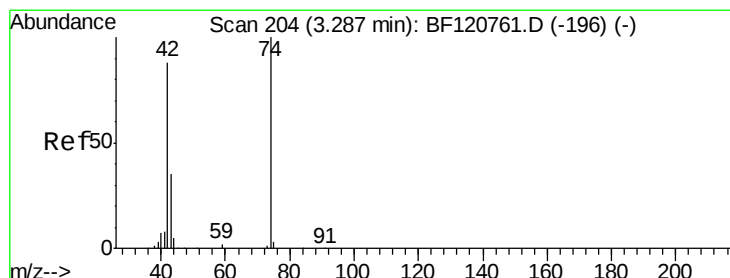
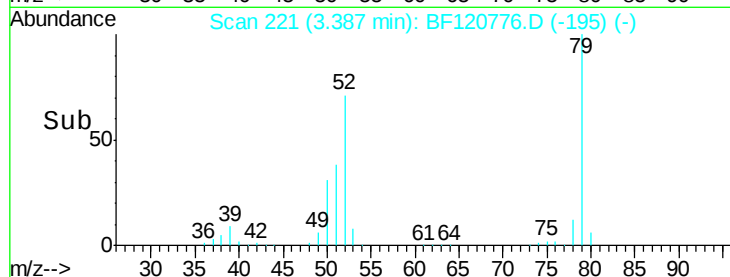
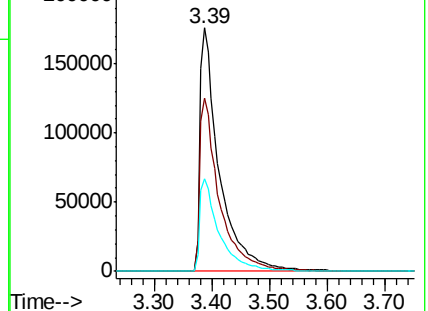
51 38.2 30.1 45.1



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: 41.876 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.05 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

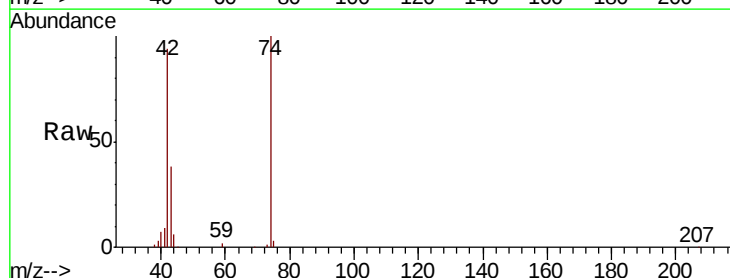
Tgt Ion: 42 Resp: 235568

Ion Ratio Lower Upper

42 100

74 105.9 90.8 136.2

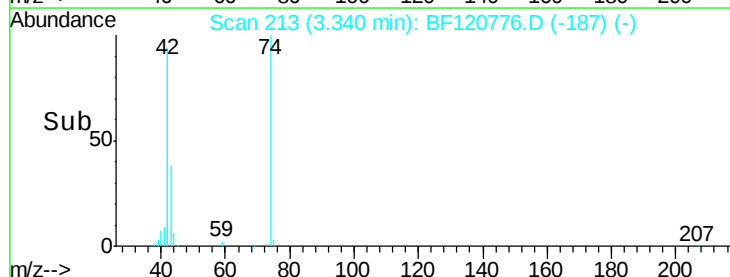
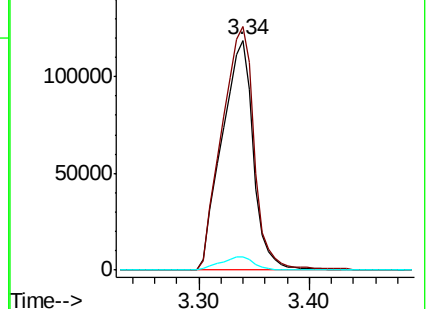
44 6.0 5.8 8.8



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: 116.454 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

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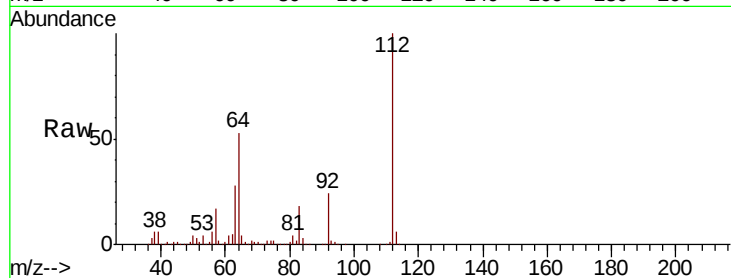
Tot Ion:112 Resp: 1046584

Ion Ratio Lower Upper

112 100

64 53.2 43.8 65.6

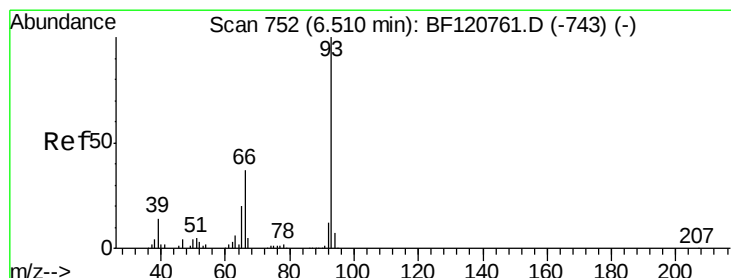
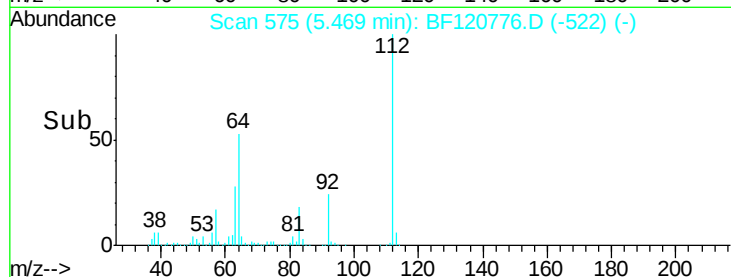
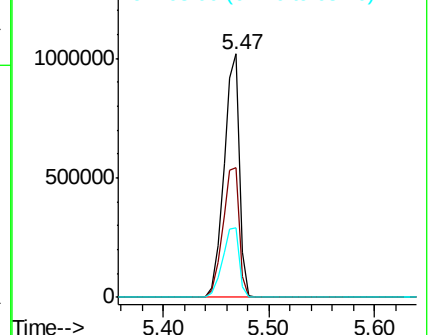
63 28.4 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.664 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

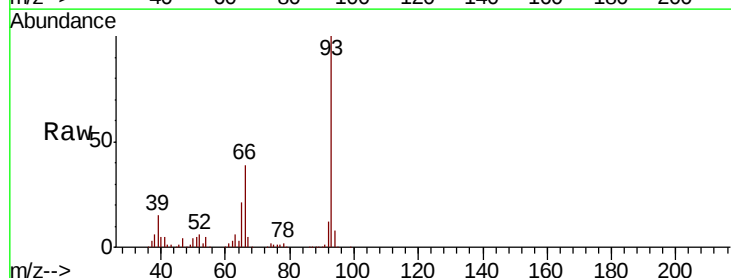
Tgt Ion: 93 Resp: 510924

Ion Ratio Lower Upper

93 100

66 39.1 31.3 46.9

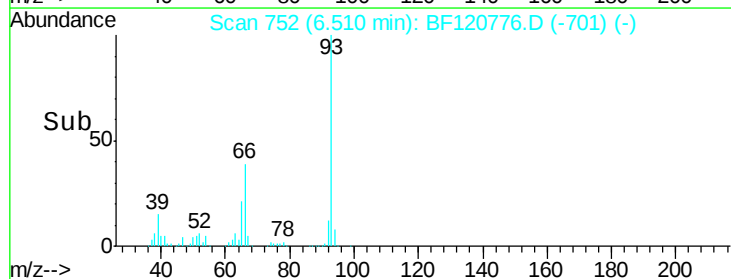
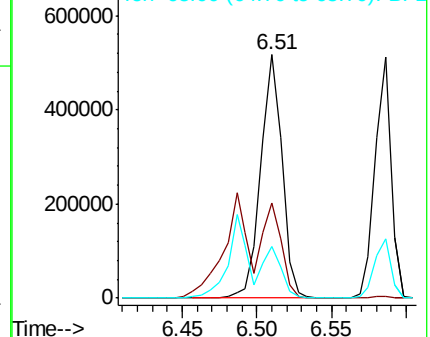
65 21.1 16.5 24.7

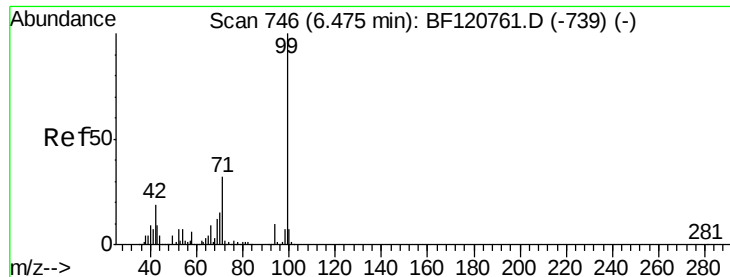


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.429 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

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ClientSampleId :

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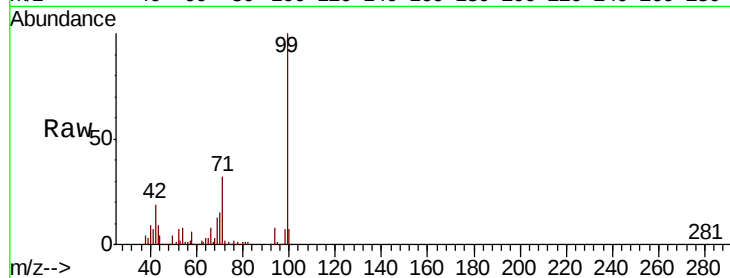
Tot Ion: 99 Resp: 1267381

Ion Ratio Lower Upper

99 100

42 19.2 15.4 23.0

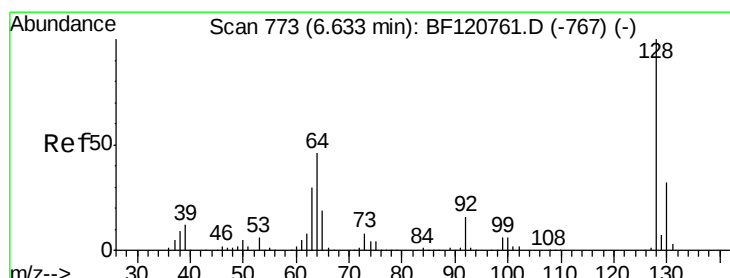
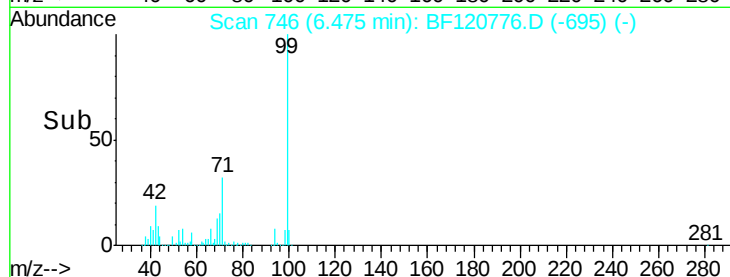
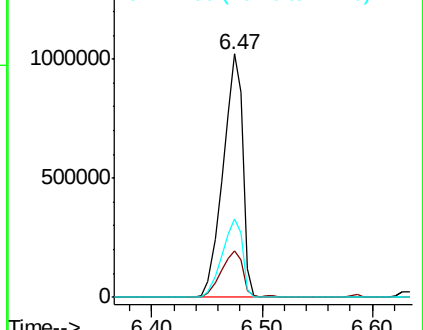
71 32.5 25.9 38.9



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: 40.504 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

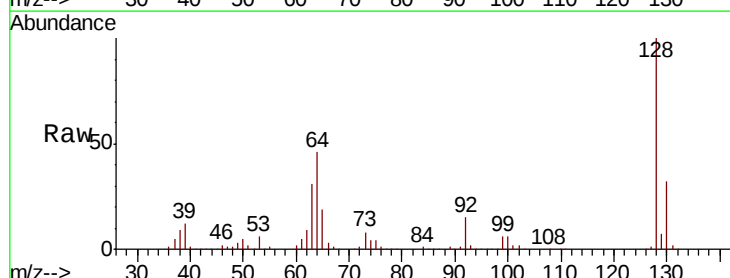
Tgt Ion:128 Resp: 387551

Ion Ratio Lower Upper

128 100

130 32.4 12.1 52.1

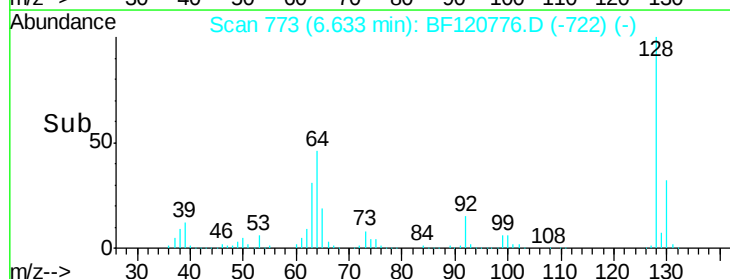
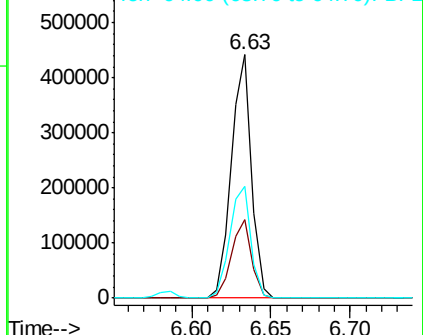
64 45.7 26.3 66.3

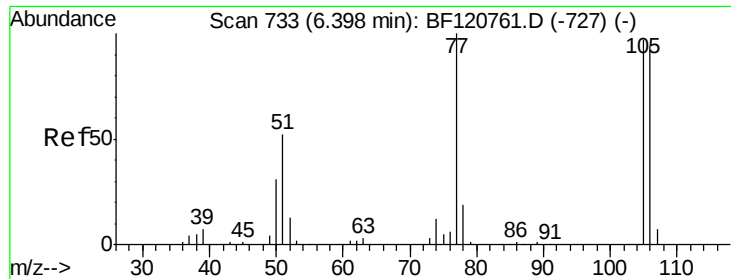


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 20.113 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

Instrument :

BNA_F

ClientSampleId :

PB129957BS

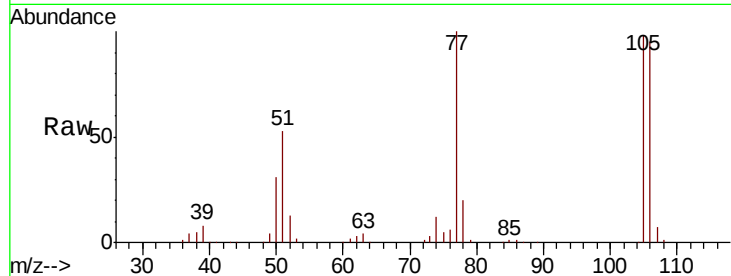
Tot Ion: 77 Resp: 137290

Ion Ratio Lower Upper

77 100

105 97.9 76.8 116.8

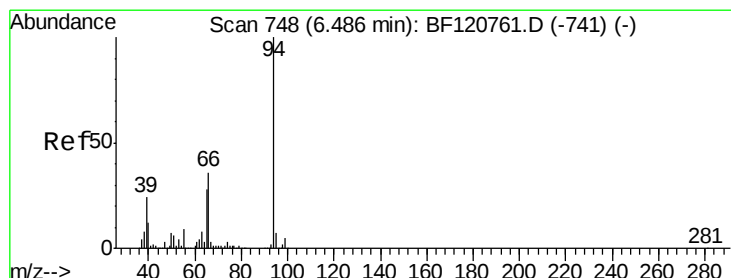
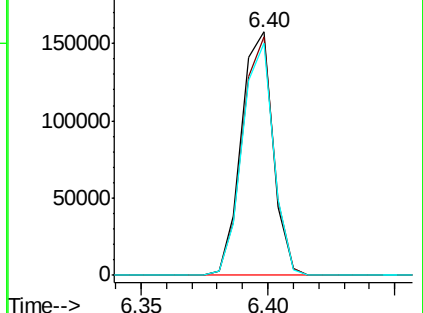
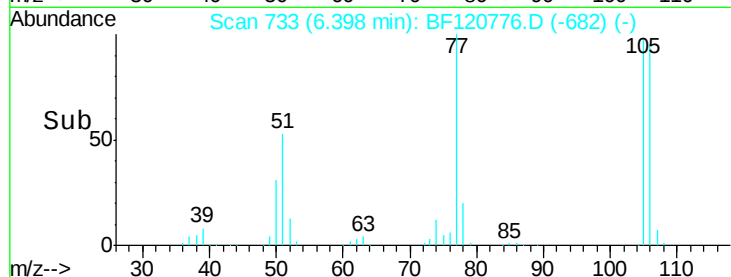
106 95.2 73.8 113.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.855 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

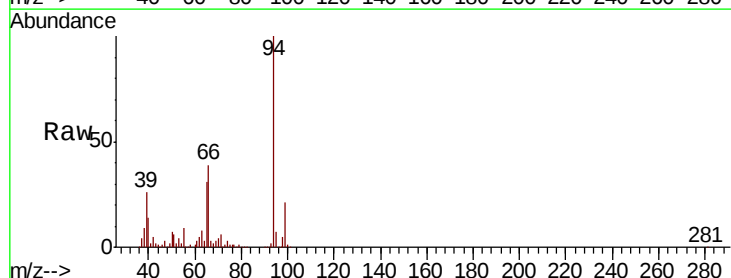
Tgt Ion: 94 Resp: 505960

Ion Ratio Lower Upper

94 100

65 30.7 8.4 48.4

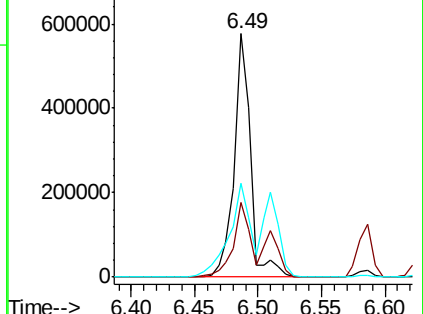
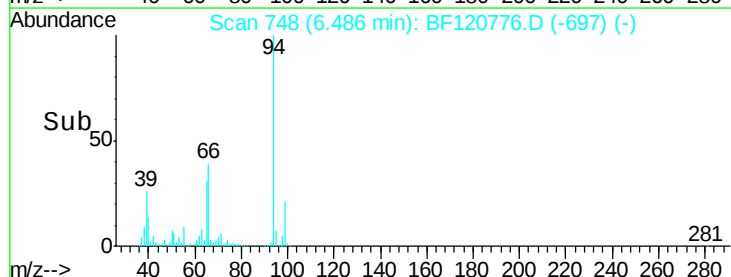
66 38.7 16.5 56.5

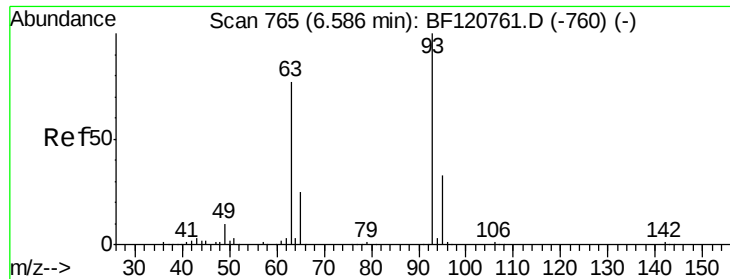


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

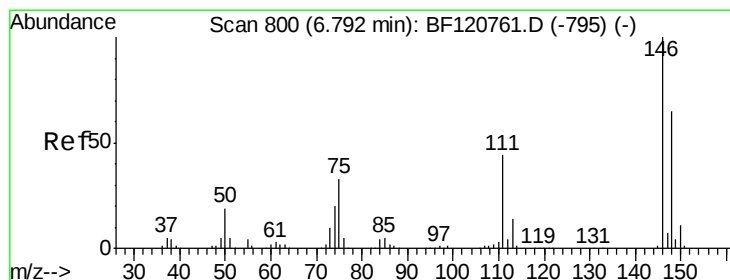
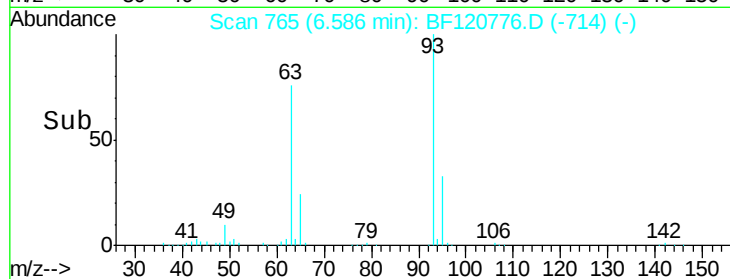
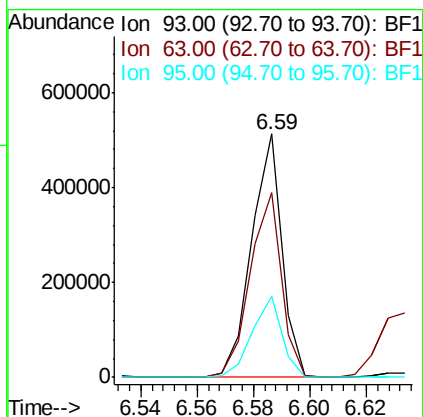
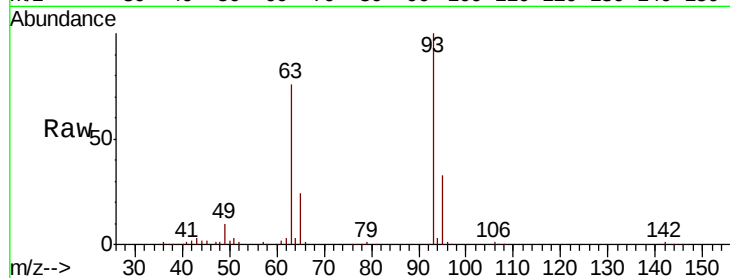




#11
bis(2-Chloroethyl)ether
Concen: 39.789 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF120776.D
Acq: 7 Jul 2020 9:48

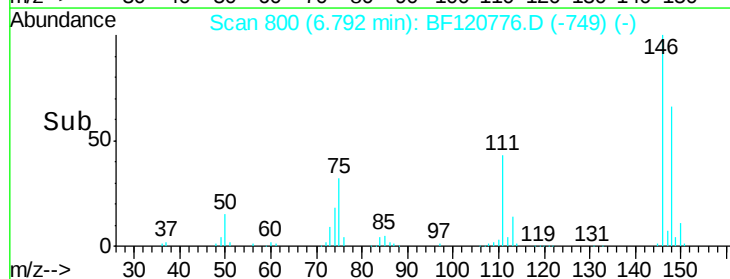
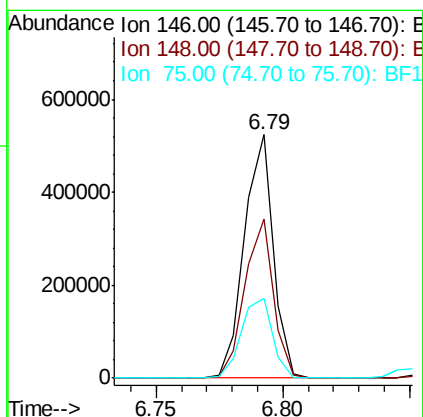
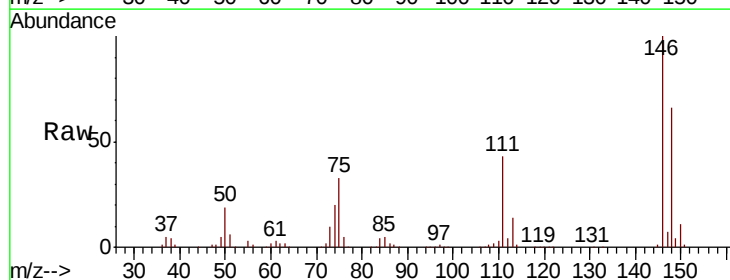
Instrument :
BNA_F
ClientSampleId :
PB129957BS

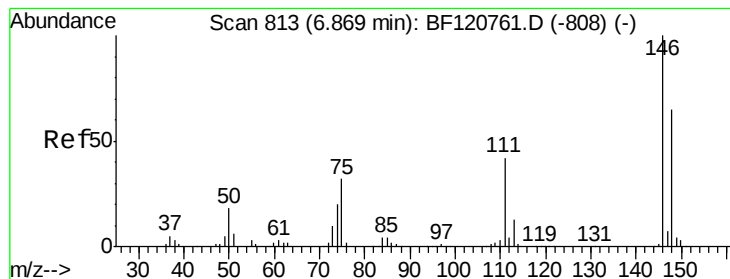
Tot Ion	Ratio	Lower	Upper
93	100		
63	76.1	56.9	96.9
95	33.1	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 39.452 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF120776.D
Acq: 7 Jul 2020 9:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.1	78.1
75	32.9	26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 39.870 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

Instrument :

BNA_F

ClientSampleId :

PB129957BS

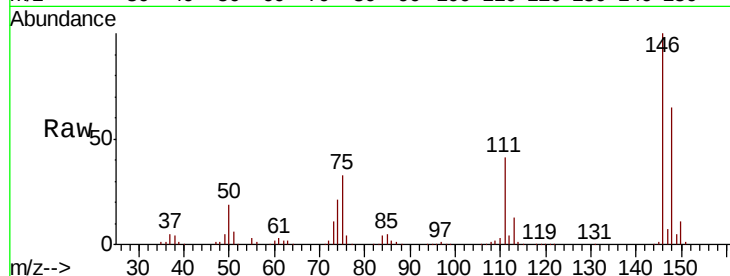
Tot Ion:146 Resp: 420569

Ion Ratio Lower Upper

146 100

148 64.6 51.8 77.6

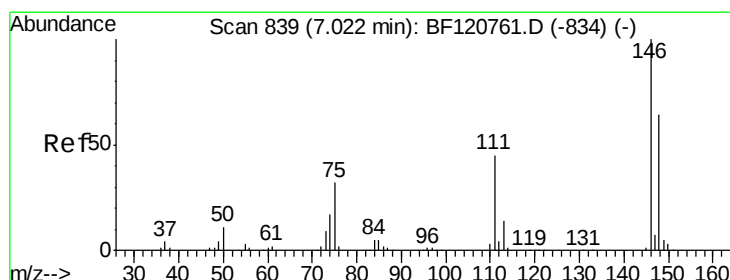
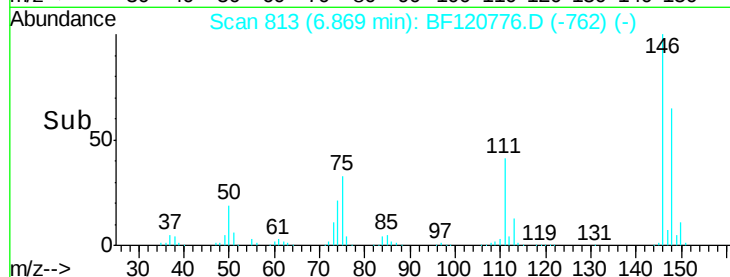
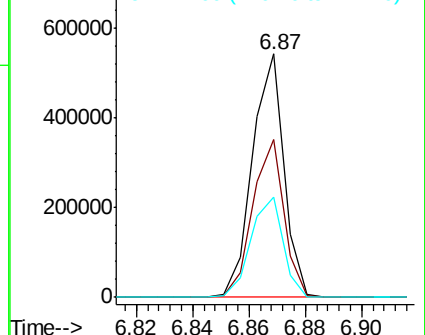
111 41.1 33.7 50.5



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: 39.591 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

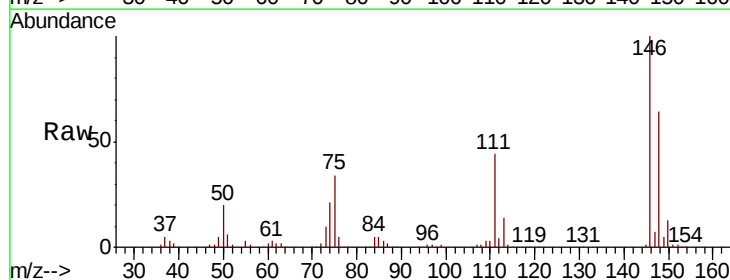
Tgt Ion:146 Resp: 397327

Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.4

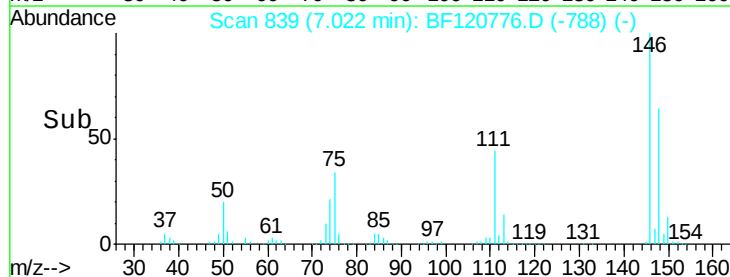
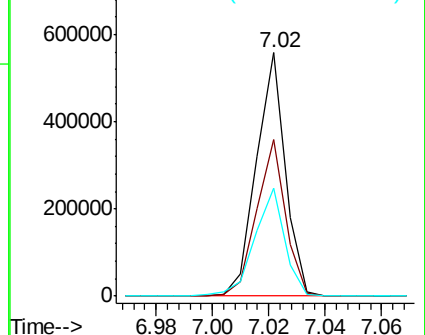
111 44.3 35.7 53.5



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: 38.801 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

Instrument :

BNA_F

ClientSampleId :

PB129957BS

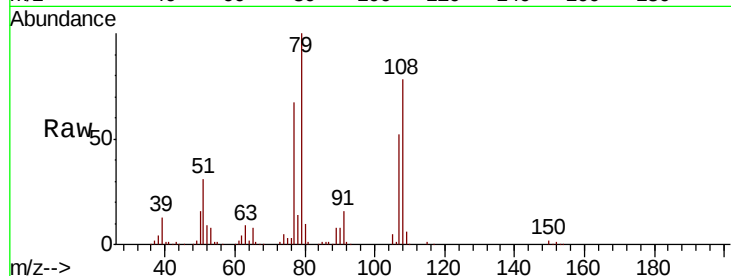
Tot Ion: 79 Resp: 334586

Ion Ratio Lower Upper

79 100

108 77.7 62.4 93.6

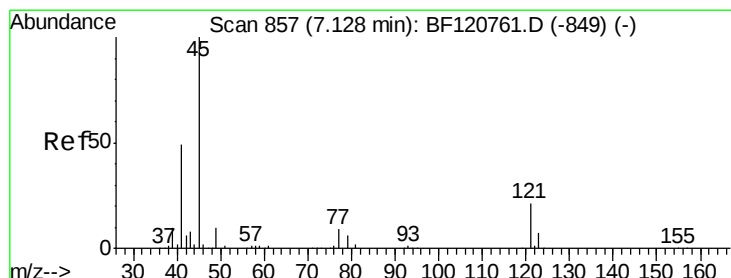
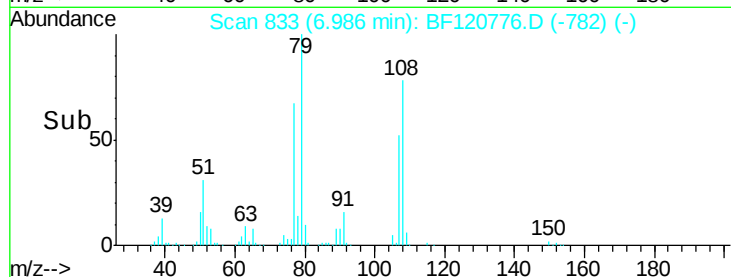
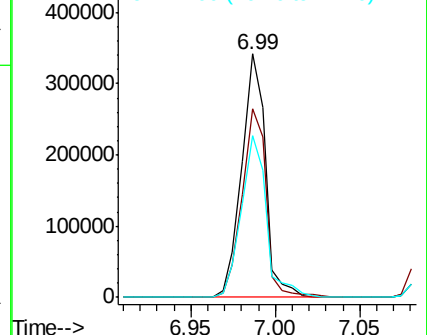
77 66.5 52.7 79.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.589 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

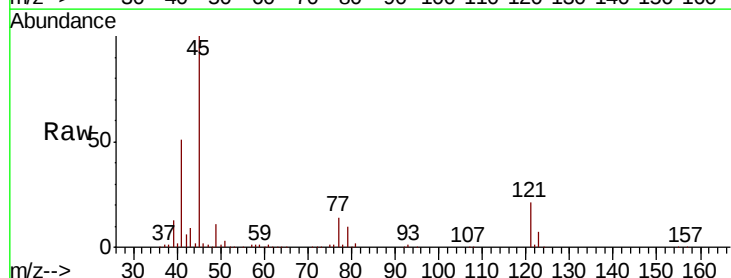
Tgt Ion: 45 Resp: 578262

Ion Ratio Lower Upper

45 100

77 13.7 0.0 33.7

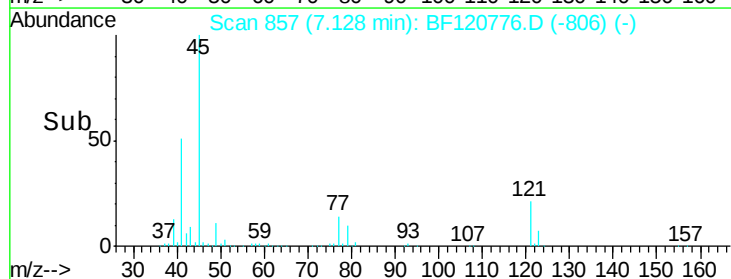
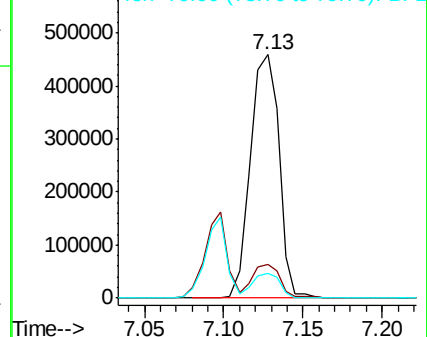
79 10.3 0.0 30.5

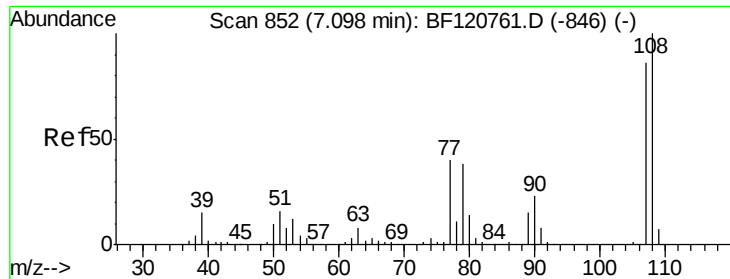


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

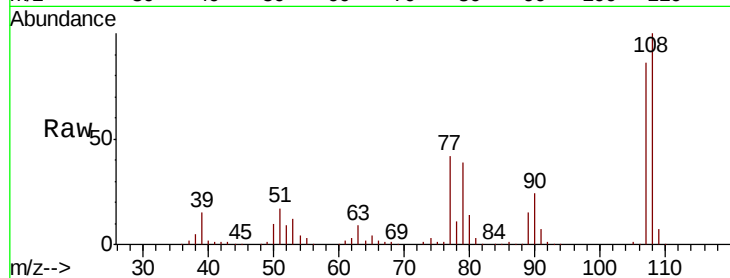




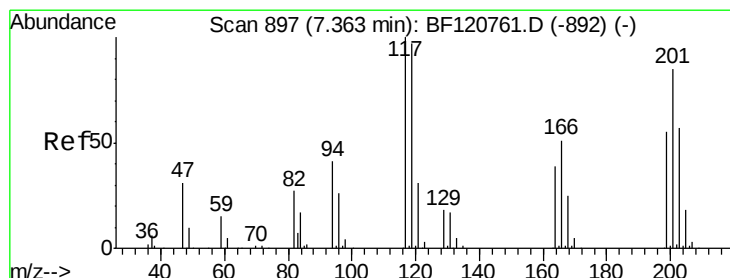
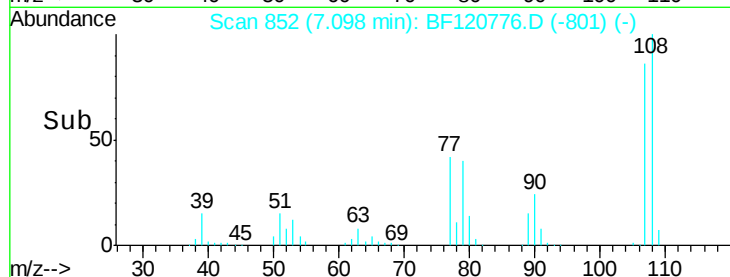
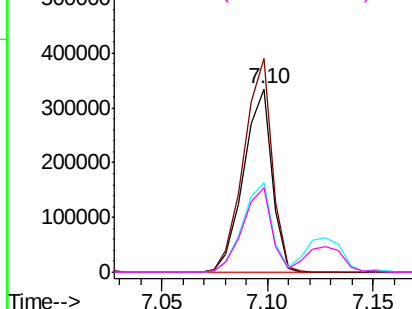
#17
2-Methylphenol
Concen: 36.595 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF120776.D
Acq: 7 Jul 2020 9:48

Instrument :
BNA_F
ClientSampleId :
PB129957BS

Tot Ion:	107	Resp:	313245
Ion	Ratio	Lower	Upper
107	100		
108	116.5	93.1	139.7
77	48.7	37.3	55.9
79	46.0	35.3	52.9

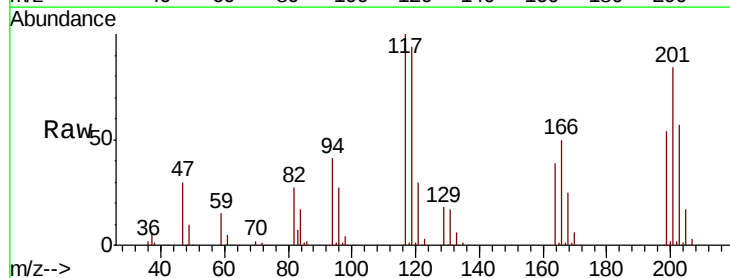


Abundance Ion 107.00 (106.70 to 107.70): E
600000 Ion 108.00 (107.70 to 108.70): E
500000 Ion 77.00 (76.70 to 77.70): BF1
400000 Ion 79.00 (78.70 to 79.70): BF1
300000
200000
100000
0

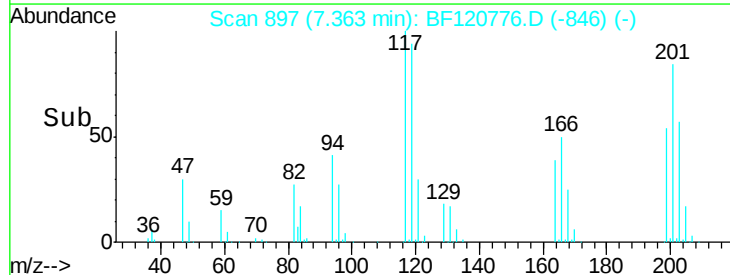
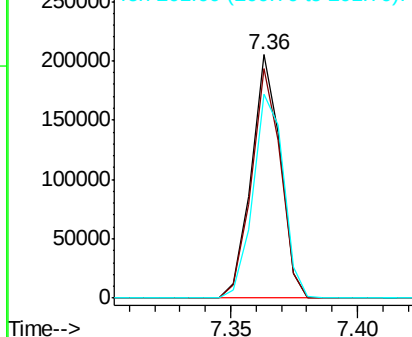


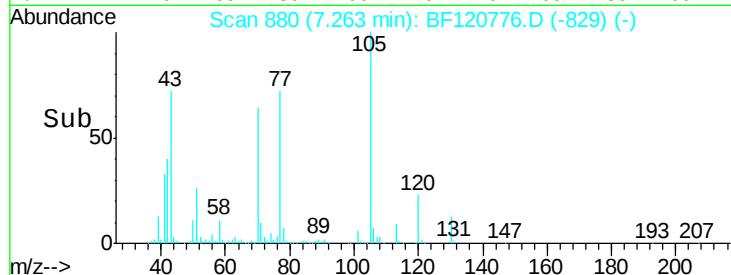
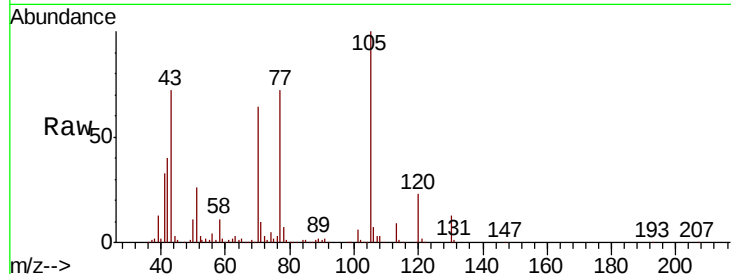
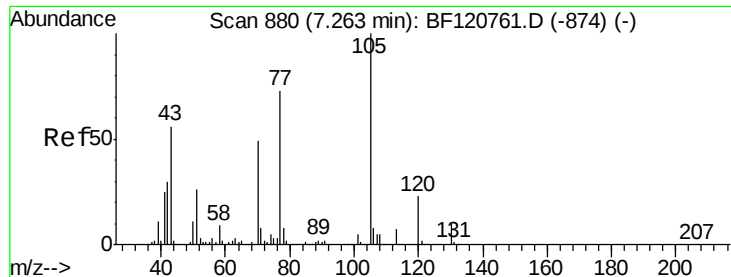
#18
Hexachloroethane
Concen: 41.457 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF120776.D
Acq: 7 Jul 2020 9:48

Tgt Ion:	117	Resp:	164366
Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.9	116.9
201	84.0	68.3	102.5



Abundance Ion 117.00 (116.70 to 117.70): E
250000 Ion 119.00 (118.70 to 119.70): E
200000 Ion 201.00 (200.70 to 201.70): E
150000
100000
50000
0

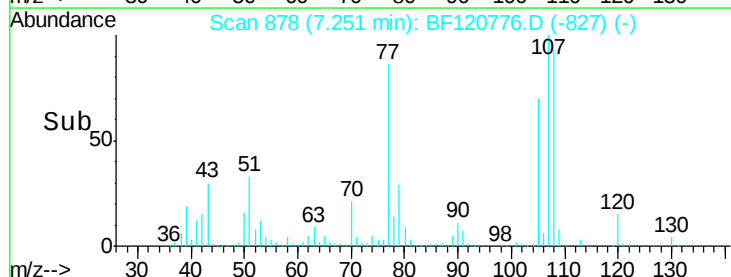
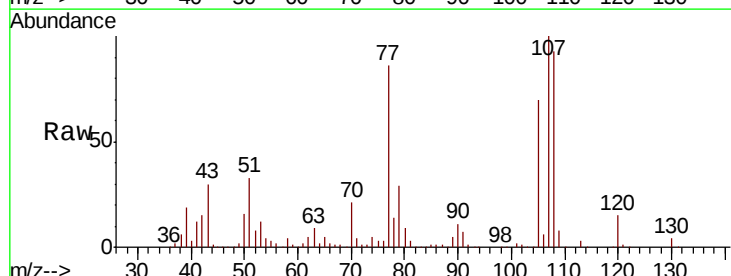
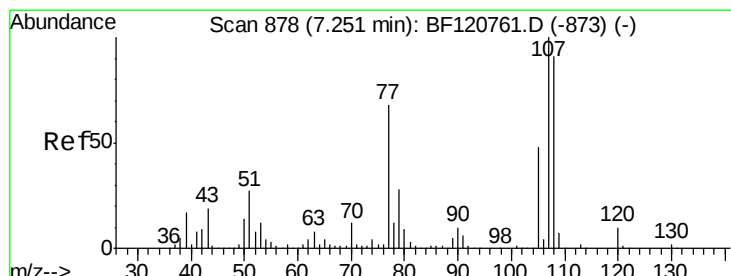
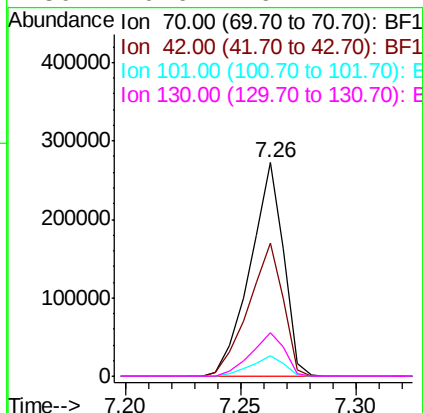




#19
n-Nitroso-di-n-propylamine
Concen: 39.698 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF120776.D
Acq: 7 Jul 2020 9:48

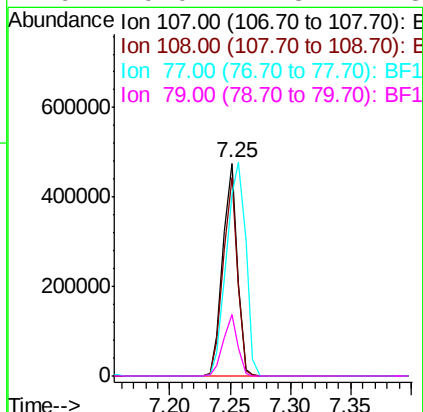
Instrument :
BNA_F
ClientSampleId :
PB129957BS

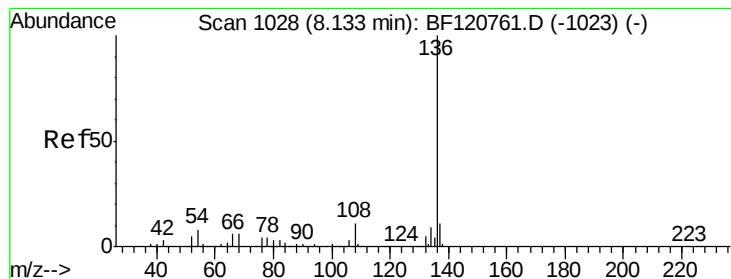
Tot Ion:	70	Resp:	274325
Ion	Ratio	Lower	Upper
70	100		
42	62.5	50.3	75.5
101	9.3	7.5	11.3
130	20.6	16.1	24.1



#20
3+4-Methylphenols
Concen: 37.590 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF120776.D
Acq: 7 Jul 2020 9:48

Tgt Ion:	107	Resp:	396292
Ion	Ratio	Lower	Upper
107	100		
108	93.4	70.9	110.9
77	85.5	48.3	88.3
79	29.0	7.8	47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

Instrument :

BNA_F

ClientSampleId :

PB129957BS

Tot Ion:136 Resp: 521665

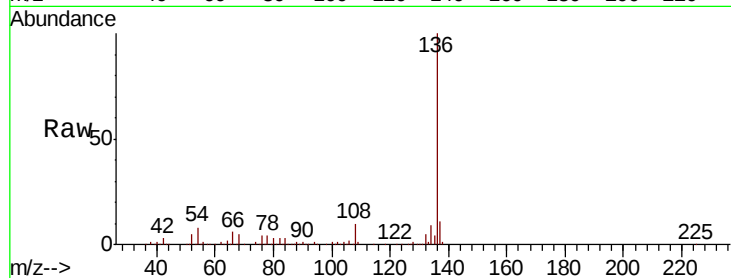
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 8.0 6.2 9.4

68 5.5 4.7 7.1

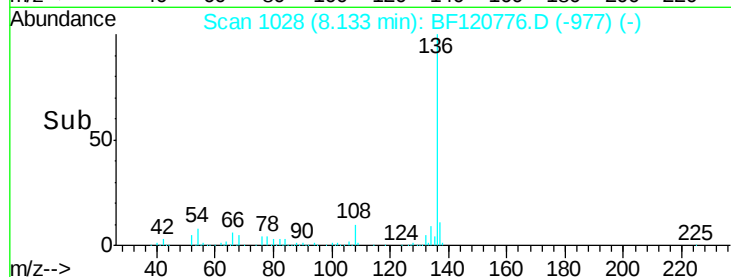


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

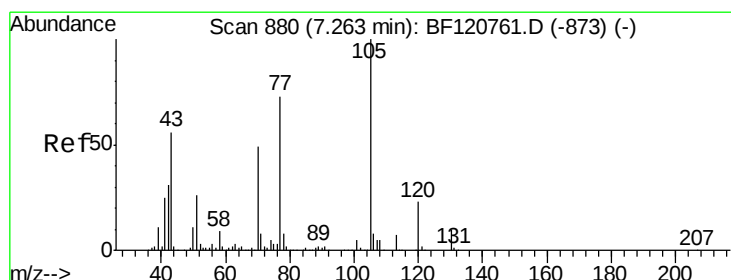
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->

8.13



#22

Acetophenone

Concen: 41.452 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

Tgt Ion:105 Resp: 537499

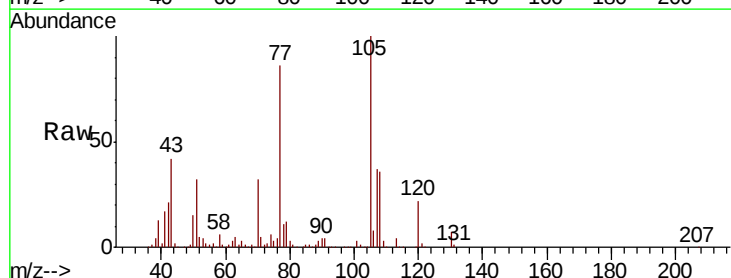
Ion Ratio Lower Upper

105 100

71 5.3 6.5 9.7#

51 31.9 21.0 31.4#

120 22.2 18.6 28.0

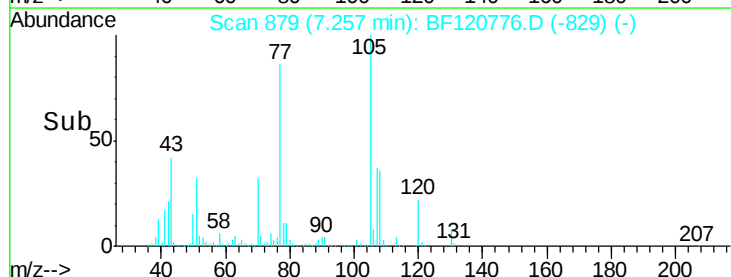


Abundance Ion 105.00 (104.70 to 105.70): E

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



Time-->

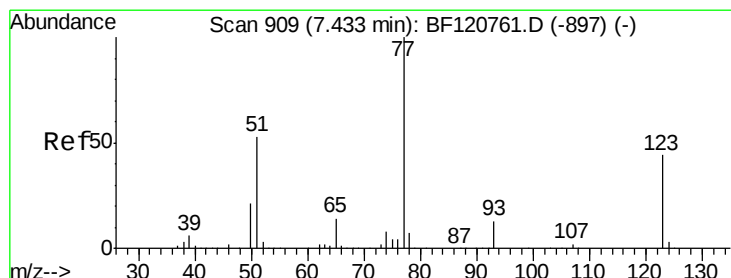
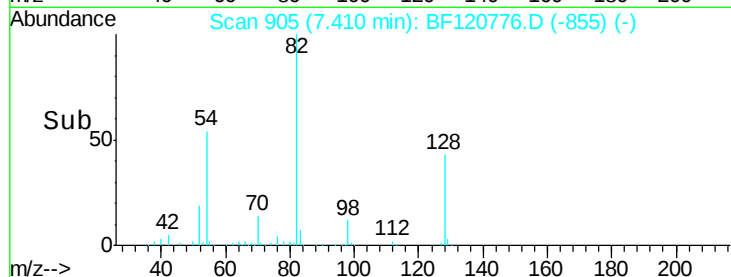
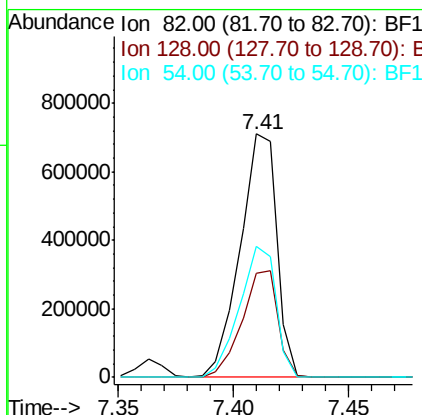
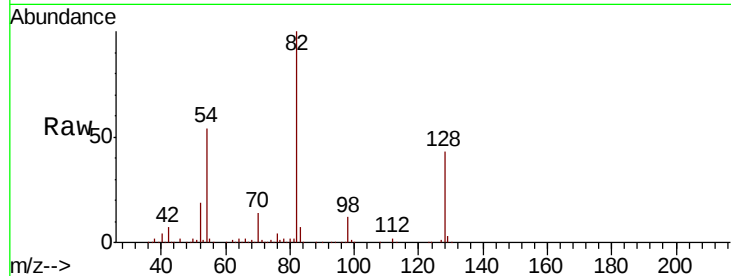
7.26



#23
 Nitrobenzene-d5
 Concen: 87.652 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF120776.D
 Acq: 7 Jul 2020 9:48

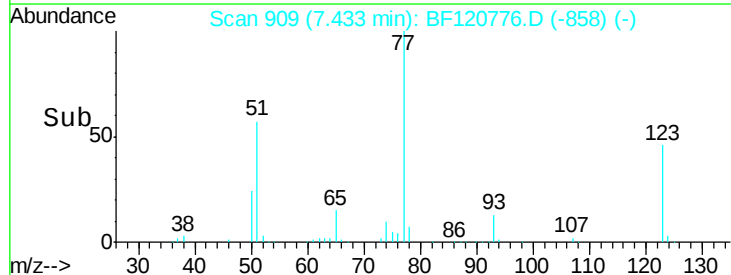
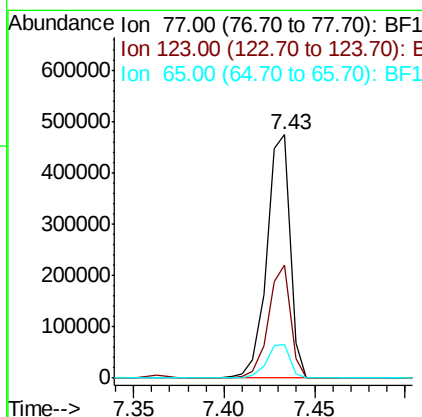
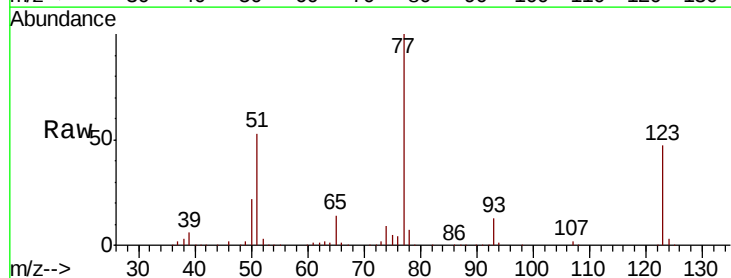
Instrument :
 BNA_F
 ClientSampleId :
 PB129957BS

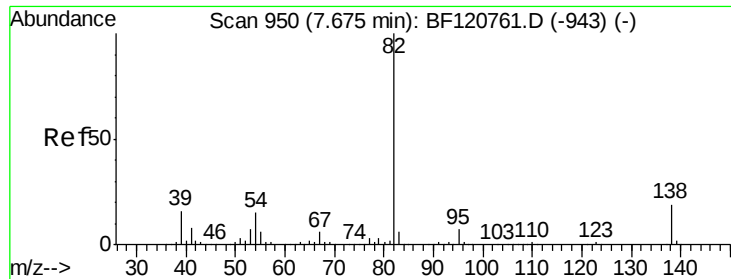
Tot Ion	82	Resp	789205
Ion Ratio	Lower	Upper	
82	100		
128	42.7	35.7	53.5
54	53.9	40.9	61.3



#24
 Nitrobenzene
 Concen: 41.923 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF120776.D
 Acq: 7 Jul 2020 9:48

Tgt Ion	77	Resp	423826
Ion Ratio	Lower	Upper	
77	100		
123	46.7	36.1	54.1
65	13.9	11.0	16.4





#25

Isophorone

Concen: 38.600 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

Instrument :

BNA_F

ClientSampleId :

PB129957BS

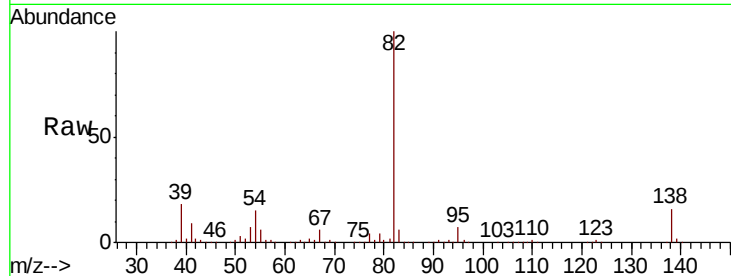
Tot Ion: 82 Resp: 749515

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

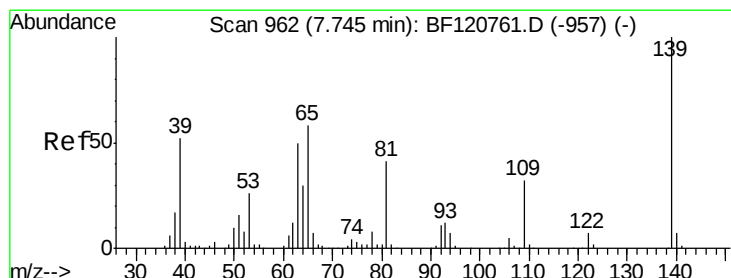
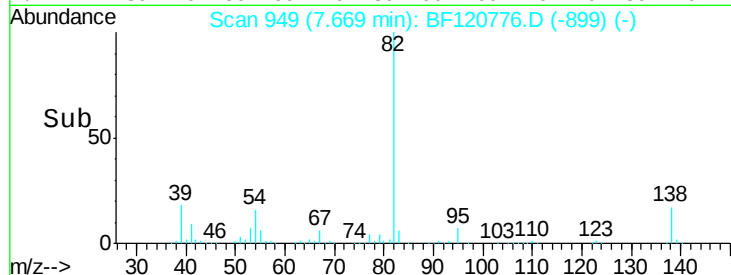
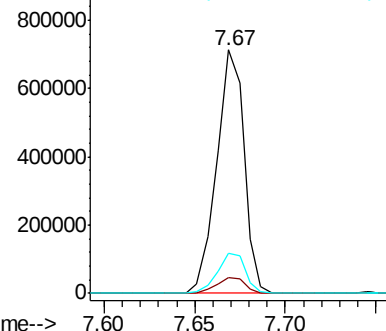
138 16.5 15.0 22.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.281 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

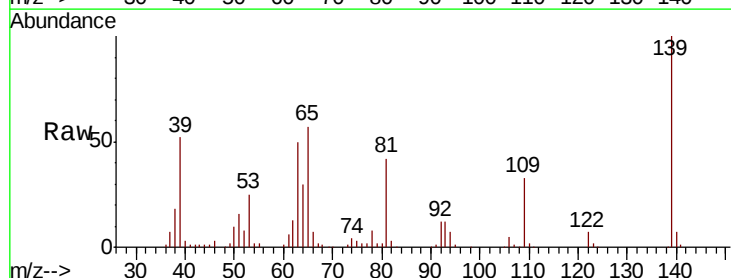
Tgt Ion: 139 Resp: 163607

Ion Ratio Lower Upper

139 100

109 32.6 25.3 37.9

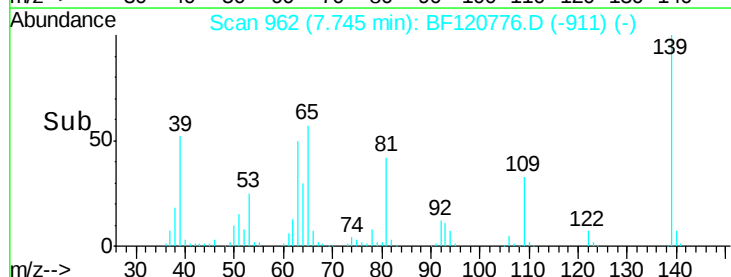
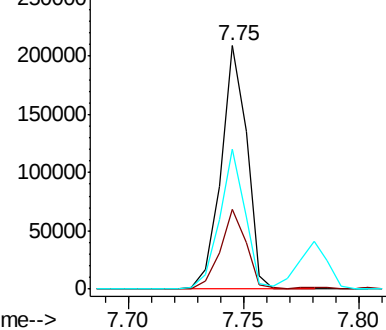
65 57.3 46.2 69.2

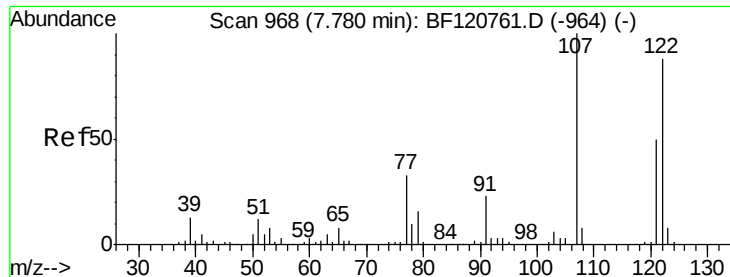


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

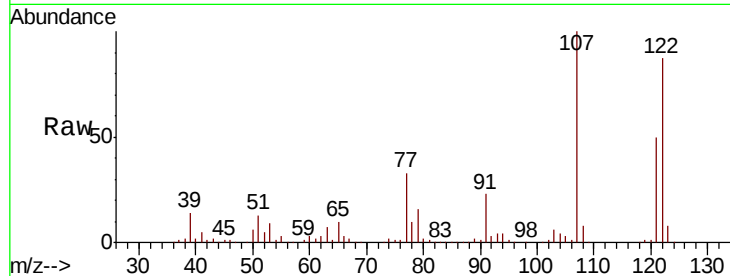




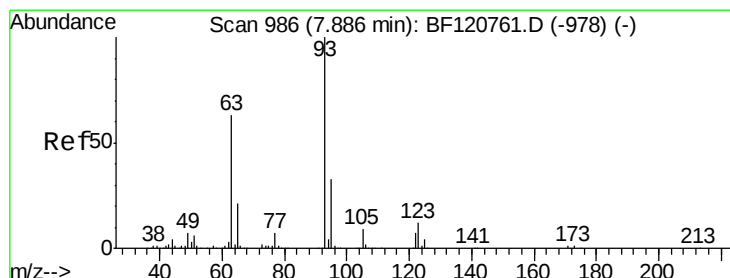
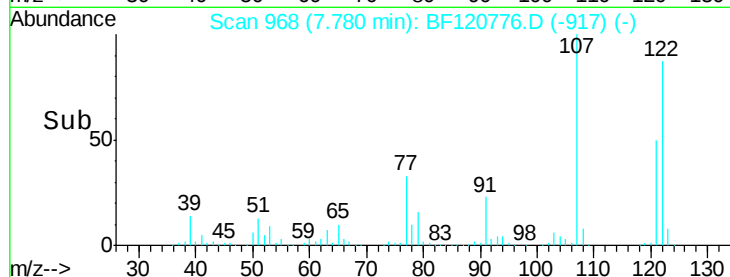
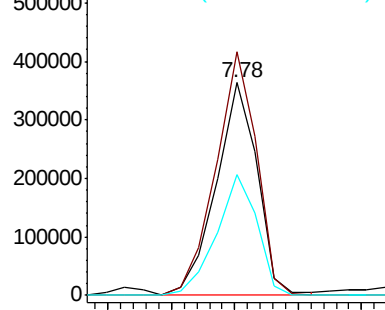
#27
 2,4-Dimethylphenol
 Concen: 42.105 ng
 RT: 7.78 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF120776.D
 Acq: 7 Jul 2020 9:48

Instrument :
 BNA_F
 ClientSampled :
 PB129957BS

Tot Ion:122 Resp: 326373
 Ion Ratio Lower Upper
 122 100
 107 114.6 90.7 136.1
 121 56.9 45.4 68.0

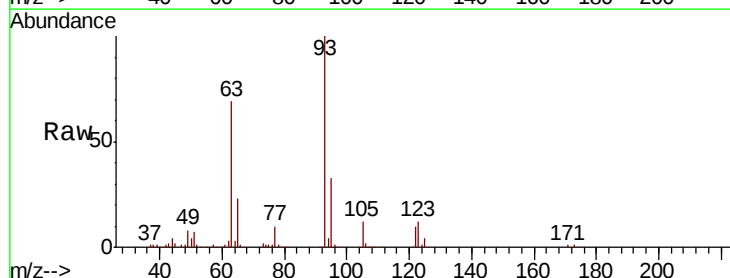


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

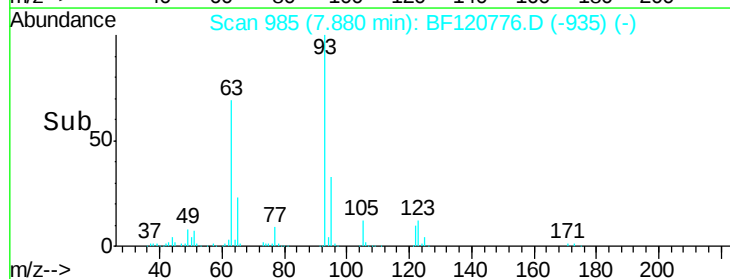
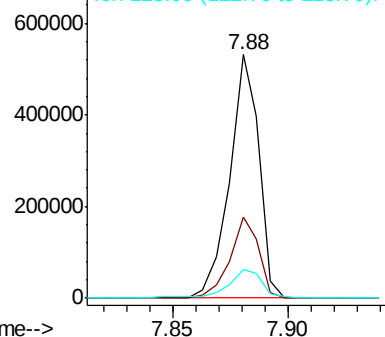


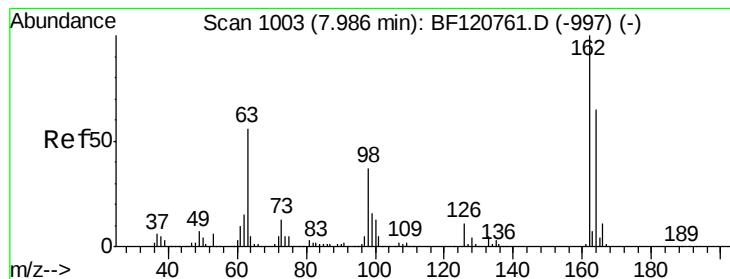
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.784 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF120776.D
 Acq: 7 Jul 2020 9:48

Tgt Ion: 93 Resp: 468703
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.4 39.6
 123 11.7 10.2 15.2



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: 39.583 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

Instrument :

BNA_F

ClientSampleId :

PB129957BS

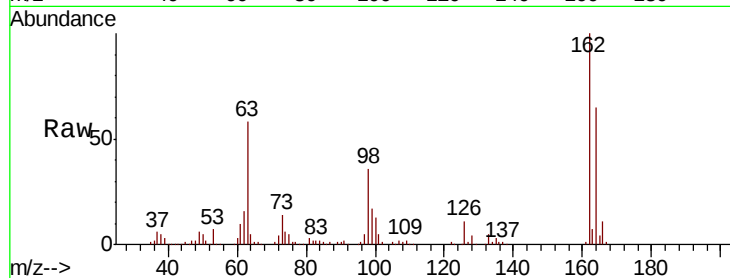
Tot Ion:162 Resp: 306297

Ion Ratio Lower Upper

162 100

164 64.8 45.2 85.2

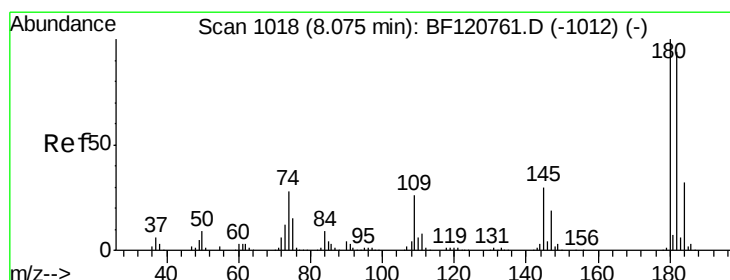
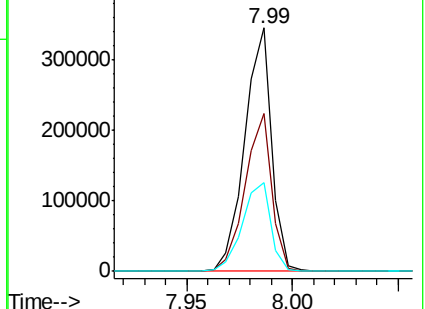
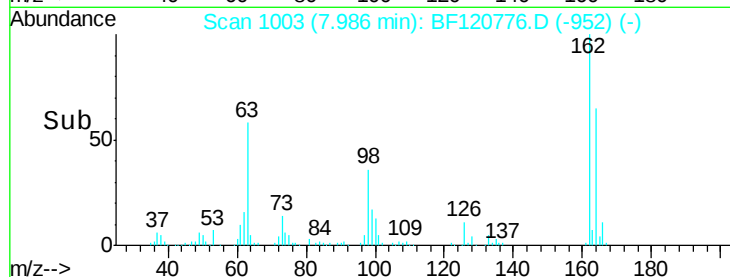
98 36.3 17.0 57.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.276 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

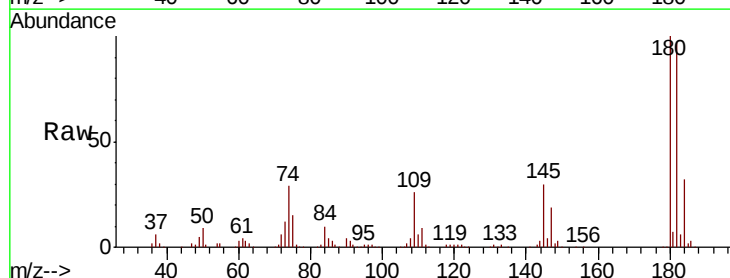
Tgt Ion:180 Resp: 341361

Ion Ratio Lower Upper

180 100

182 96.9 75.5 113.3

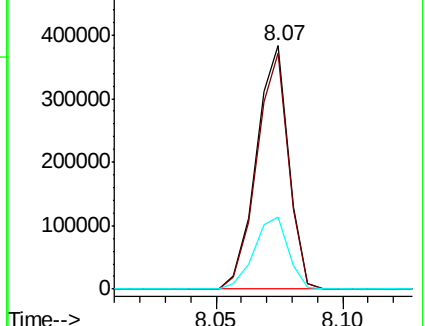
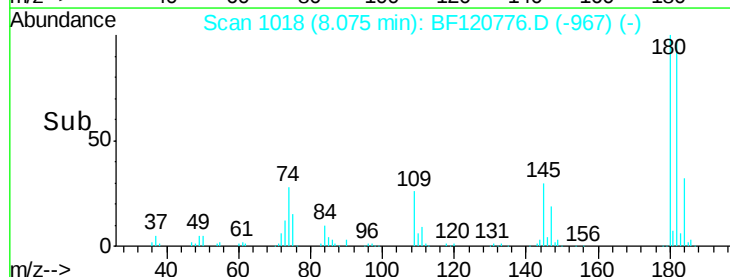
145 29.7 24.1 36.1

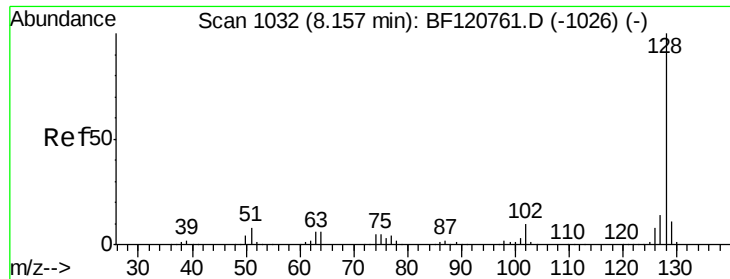


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.264 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

Instrument :

BNA_F

ClientSampleId :

PB129957BS

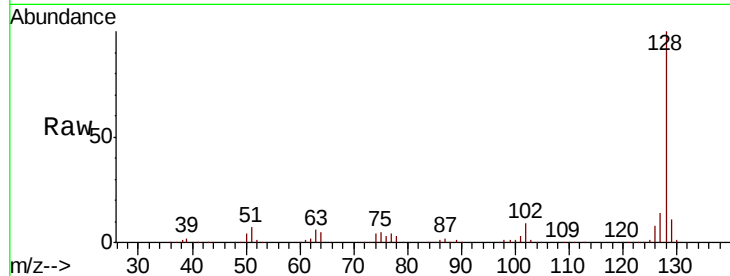
Tot Ion:128 Resp: 1122523

Ion Ratio Lower Upper

128 100

129 11.5 9.2 13.8

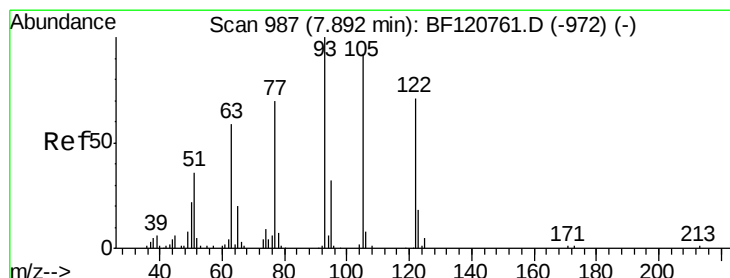
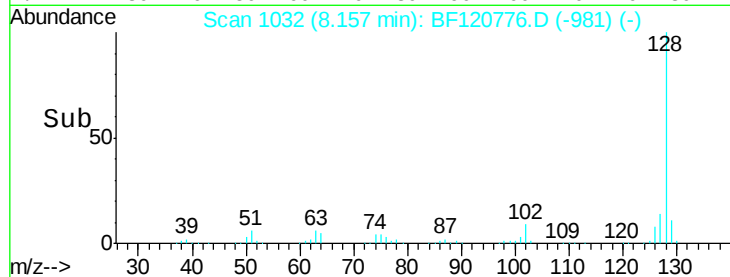
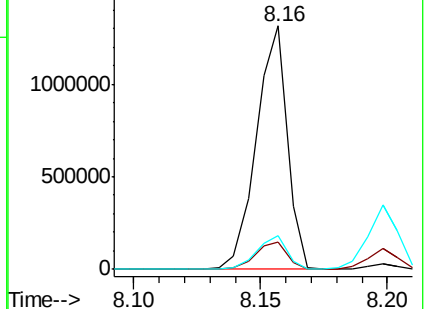
127 13.8 11.1 16.7



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: 35.618 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

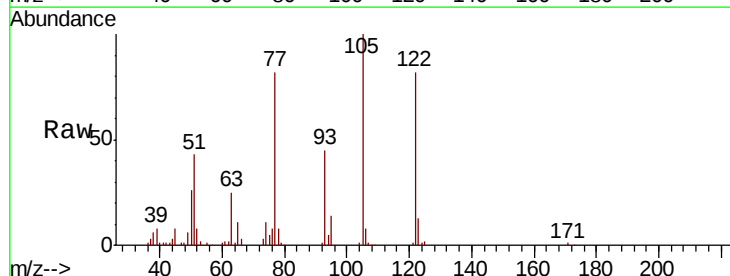
Tgt Ion:122 Resp: 188672

Ion Ratio Lower Upper

122 100

105 121.8 105.8 145.8

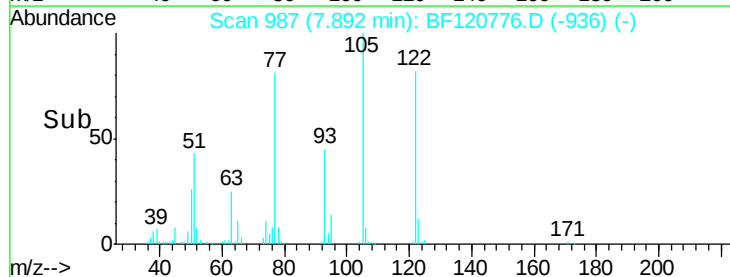
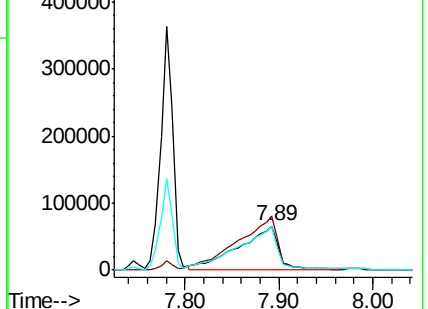
77 99.9 77.3 117.3



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

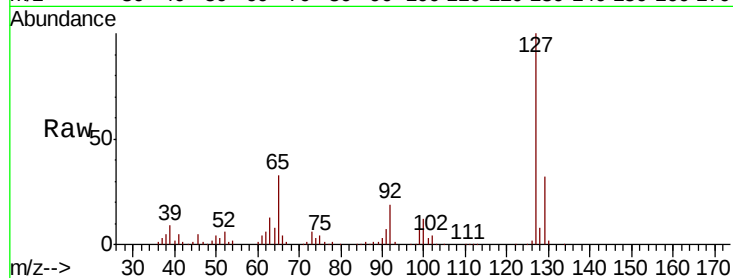




#33
4-Chloroaniline
Concen: 24.371 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF120776.D
Acq: 7 Jul 2020 9:48

Instrument :
BNA_F
ClientSampleId :
PB129957BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.6	39.8
65	33.4	22.7	34.1
92	18.9	14.3	21.5



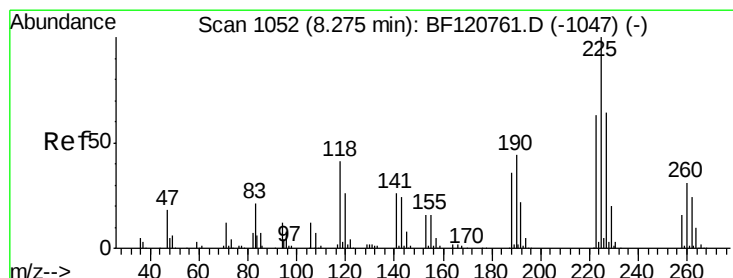
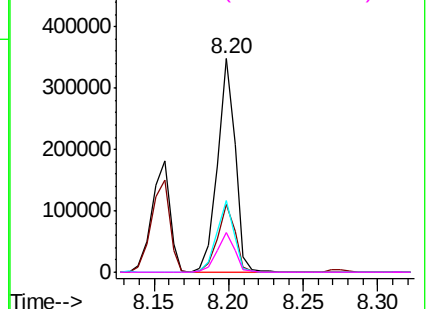
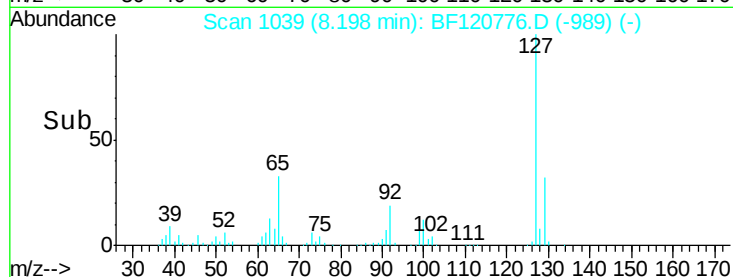
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

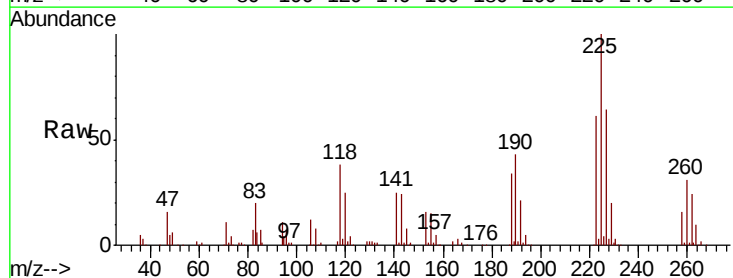
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.040 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF120776.D
Acq: 7 Jul 2020 9:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.6	76.0
227	63.8	51.4	77.2

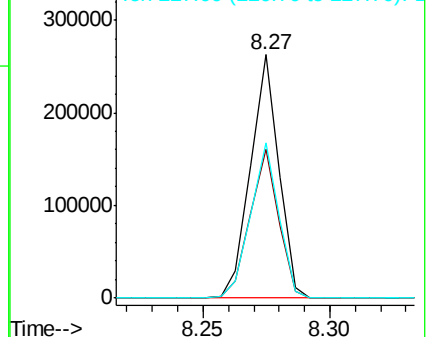
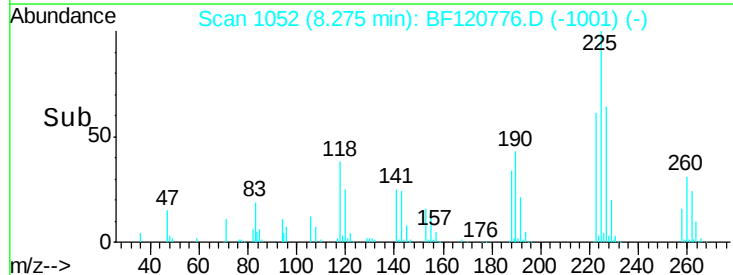


Abundance

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

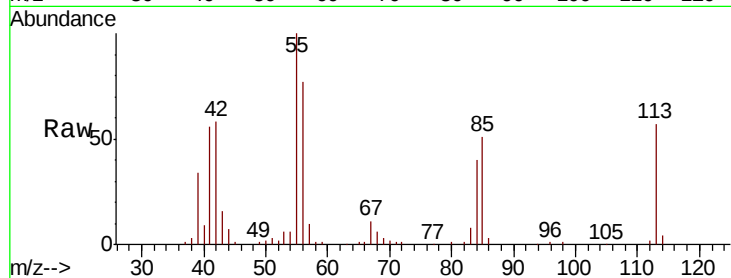




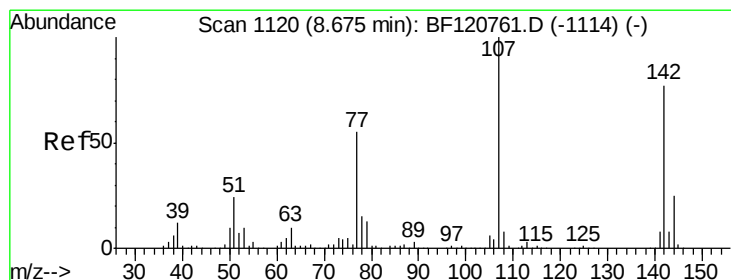
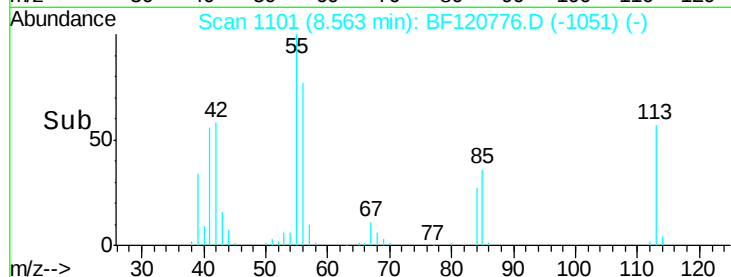
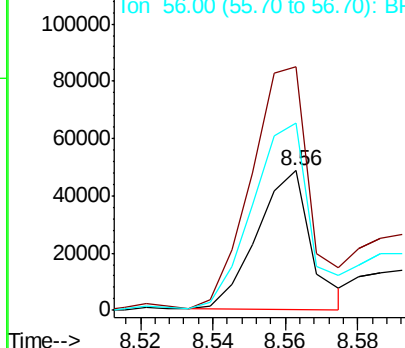
#35
 Caprolactam
 Concen: 22.121 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF120776.D
 Acq: 7 Jul 2020 9:48

Instrument :
 BNA_F
 ClientSampleID :
 PB129957BS

Tot Ion:113 Resp: 49878
 Ion Ratio Lower Upper
 113 100
 55 174.3 168.3 208.3
 56 134.0 118.8 158.8

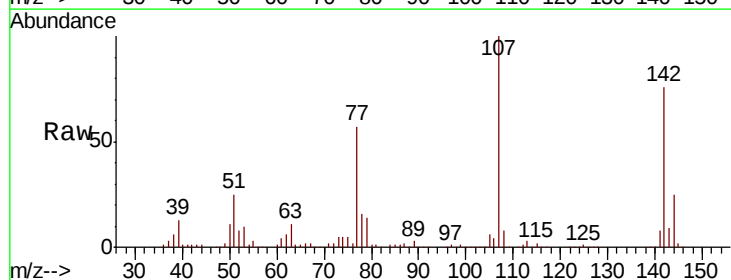


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

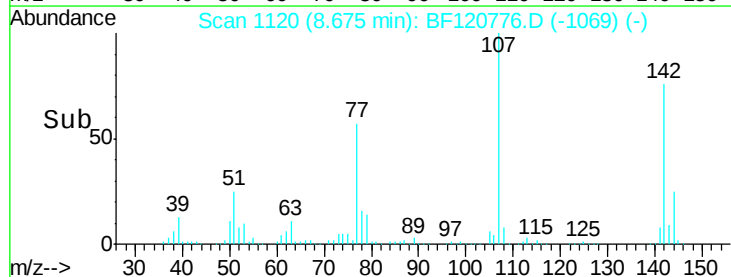
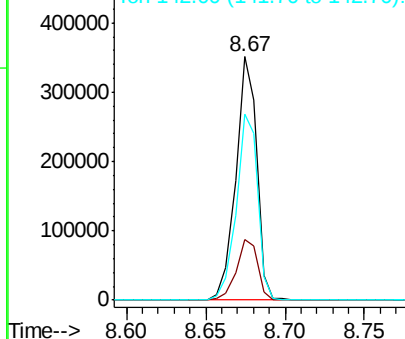


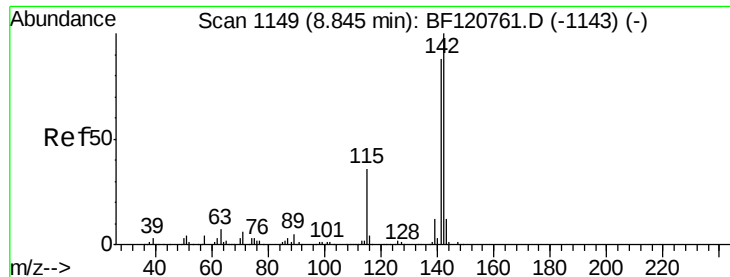
#36
 4-Chloro-3-methylphenol
 Concen: 40.056 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. -0.00 min
 Lab File: BF120776.D
 Acq: 7 Jul 2020 9:48

Tgt Ion:107 Resp: 322427
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.7 29.5
 142 76.2 61.2 91.8



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

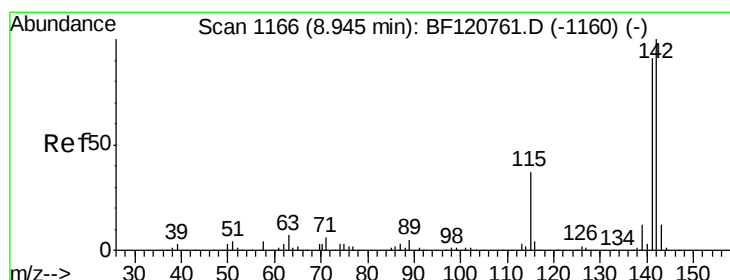
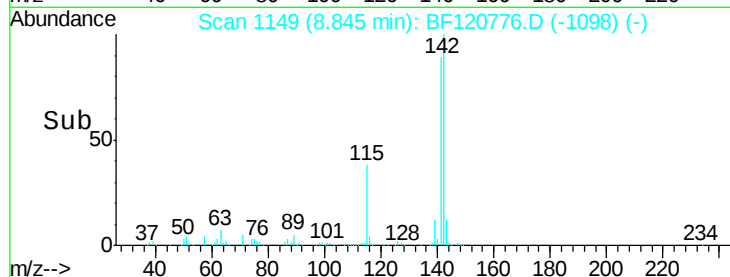
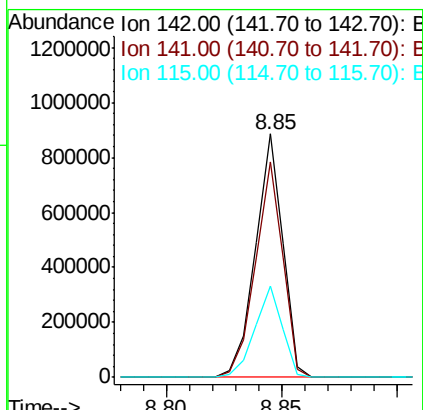
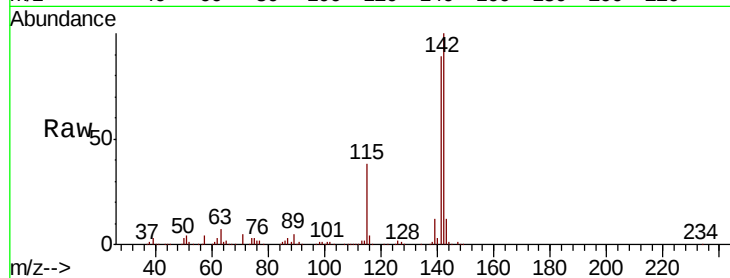




#37
2-Methylnaphthalene
Concen: 40.489 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF120776.D
Acq: 7 Jul 2020 9:48

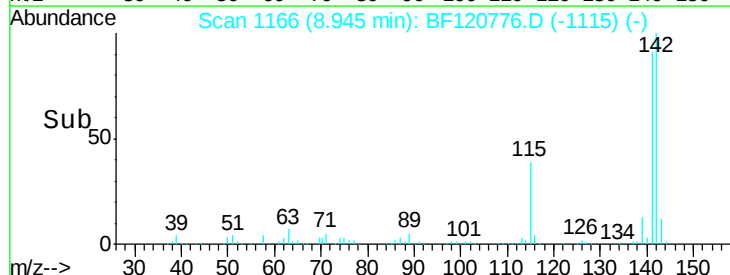
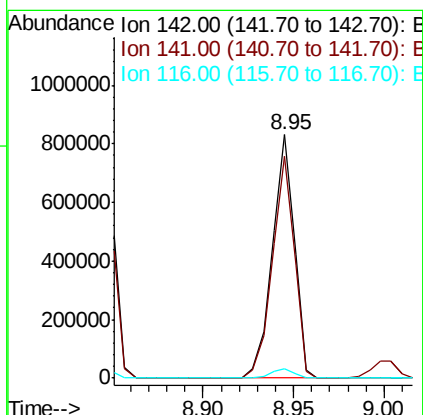
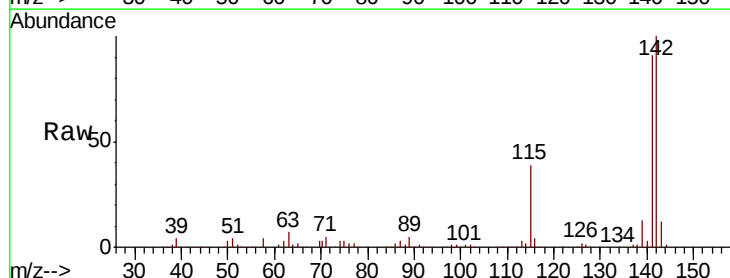
Instrument :
BNA_F
ClientSampleId :
PB129957BS

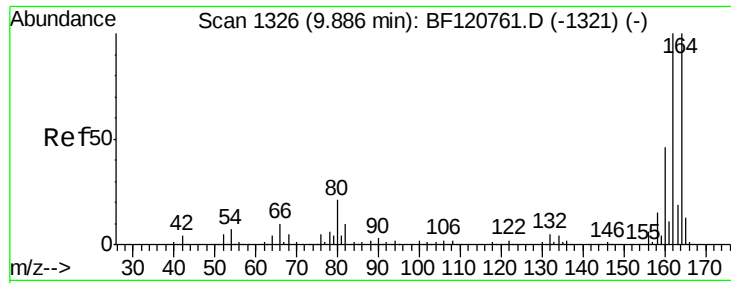
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.2	105.4
115	37.7	29.0	43.4



#38
1-Methylnaphthalene
Concen: 41.064 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF120776.D
Acq: 7 Jul 2020 9:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.5	108.7
116	4.1	3.1	4.7

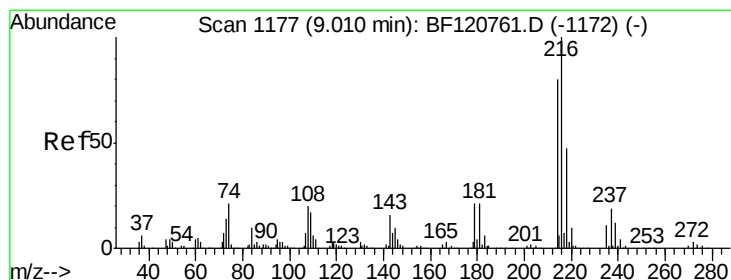
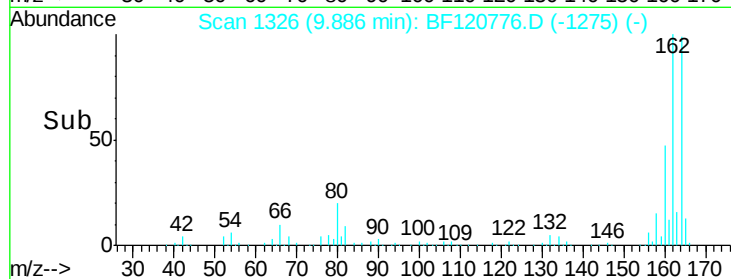
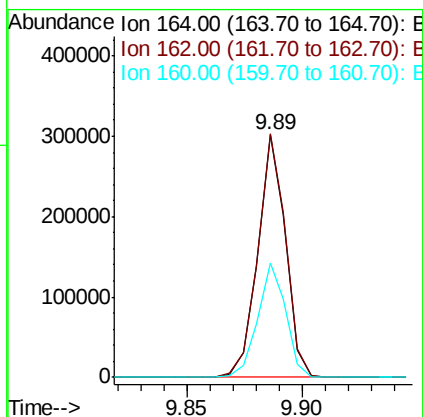
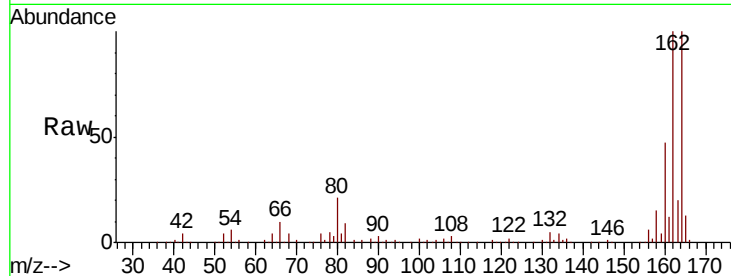




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF120776.D
Acq: 7 Jul 2020 9:48

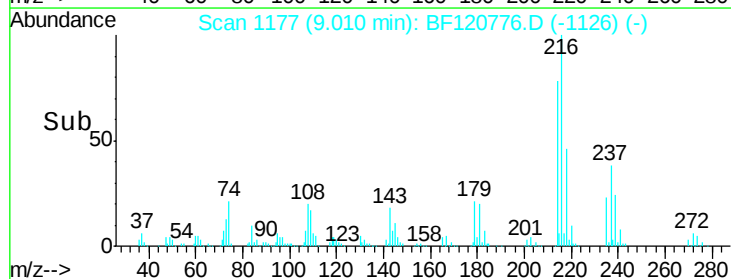
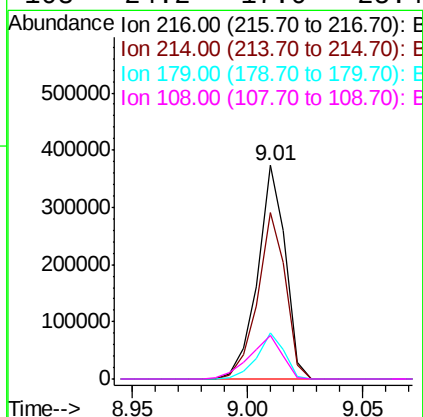
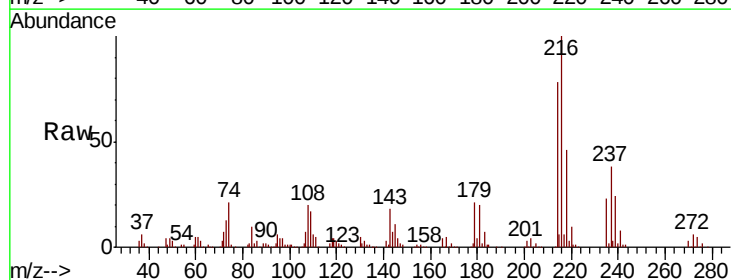
Instrument :
BNA_F
ClientSampleId :
PB129957BS

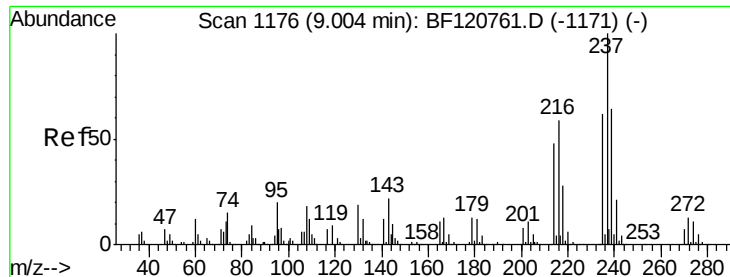
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.2	120.2
160	47.0	36.9	55.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.206 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF120776.D
Acq: 7 Jul 2020 9:48

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.7	95.5
179	21.1	16.7	25.1
108	24.2	17.0	25.4





#41

Hexachlorocyclopentadiene

Concen: 90.674 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

Instrument :

BNA_F

ClientSampleId :

PB129957BS

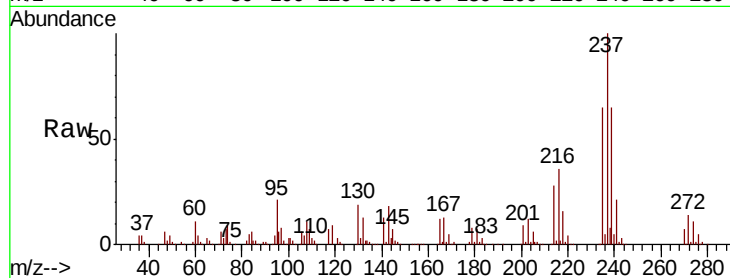
Tot Ion:237 Resp: 408577

Ion Ratio Lower Upper

237 100

235 64.5 42.1 82.1

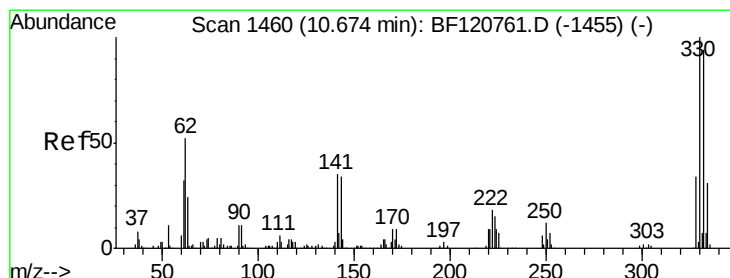
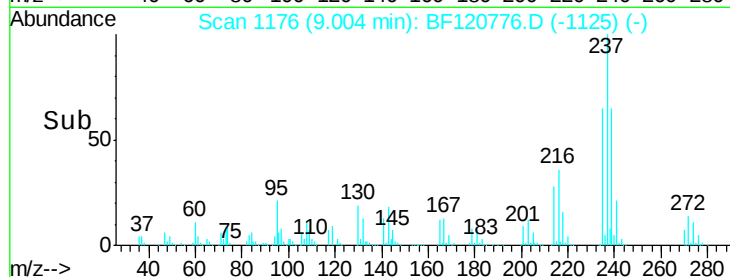
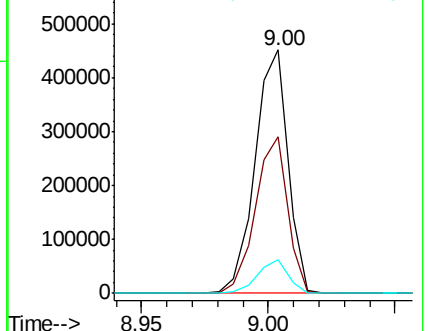
272 14.0 0.0 33.4



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: 126.377 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

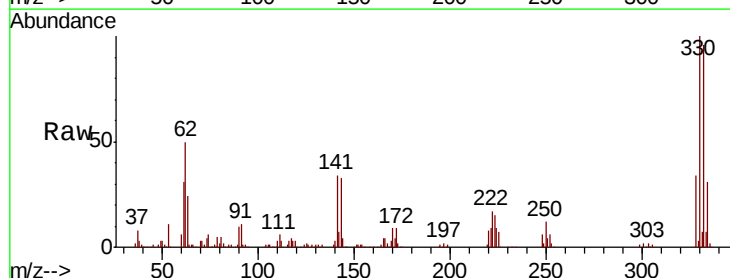
Tgt Ion:330 Resp: 320387

Ion Ratio Lower Upper

330 100

332 95.9 75.8 113.6

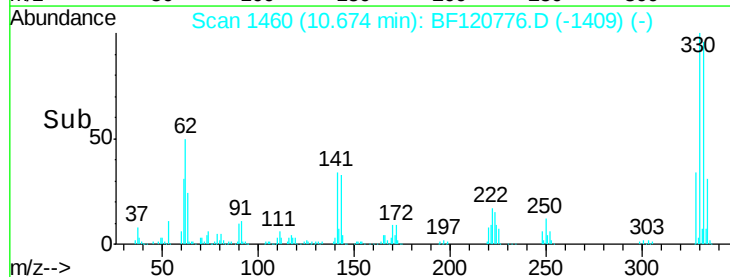
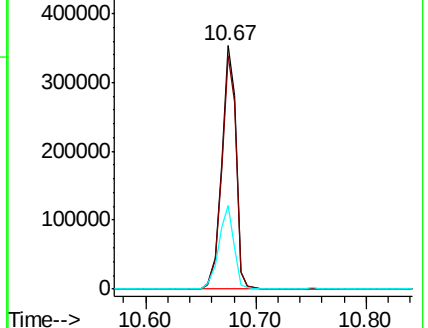
141 35.9 29.7 44.5

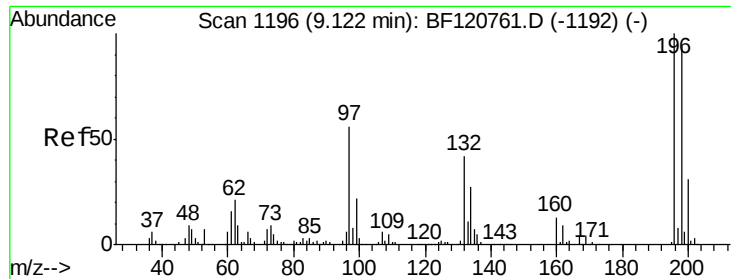


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

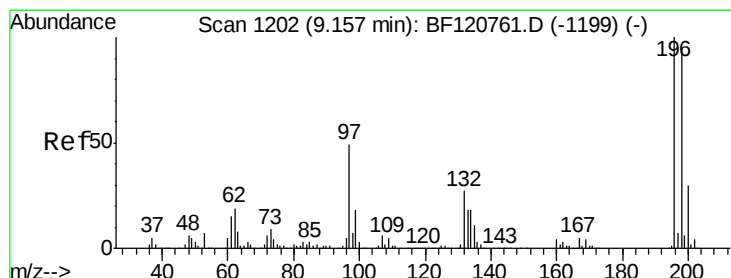
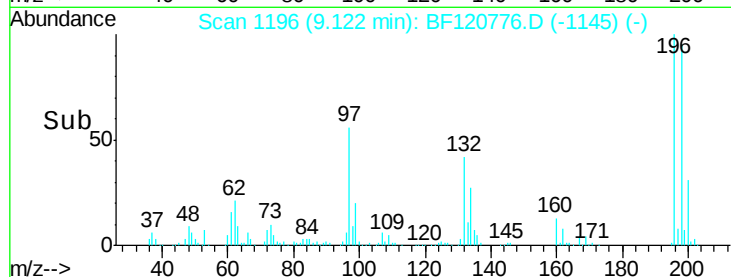
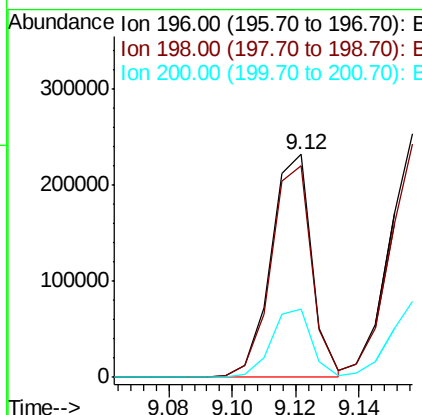
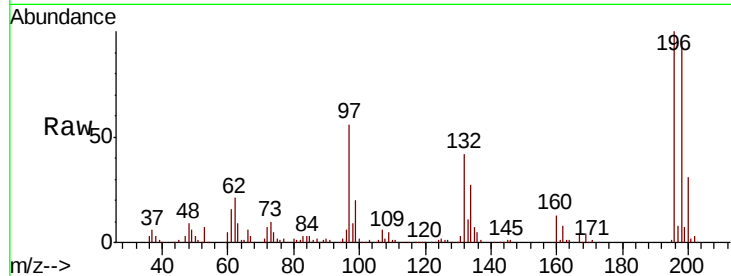




#43
 2,4,6-Trichlorophenol
 Concen: 39.972 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF120776.D
 Acq: 7 Jul 2020 9:48

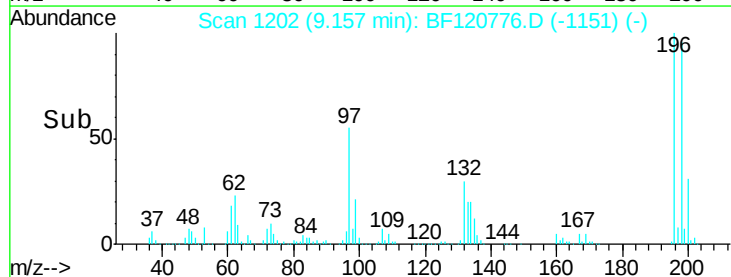
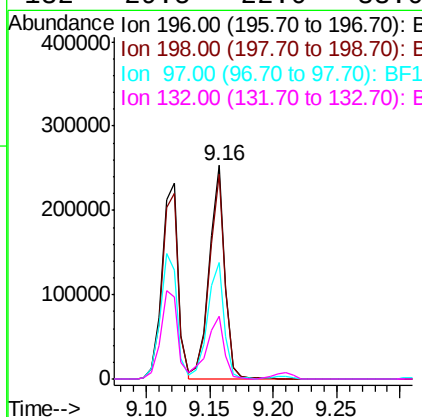
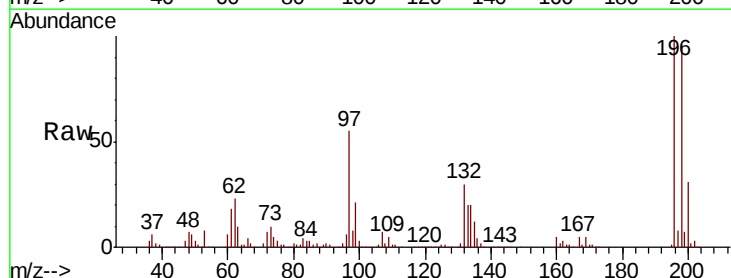
Instrument :
 BNA_F
 ClientSampleId :
 PB129957BS

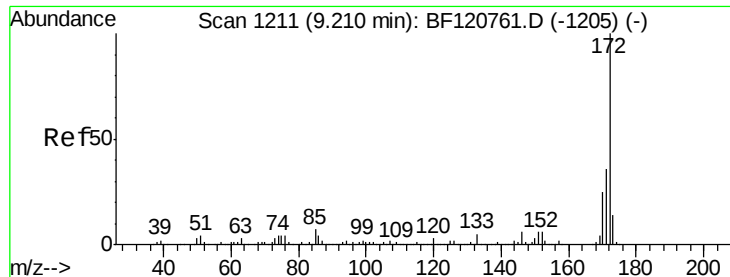
Tot Ion:196 Resp: 207724
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.3 112.9
 200 30.6 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 38.464 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF120776.D
 Acq: 7 Jul 2020 9:48

Tgt Ion:196 Resp: 221834
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.2 114.2
 97 54.6 39.6 59.4
 132 29.5 22.0 33.0

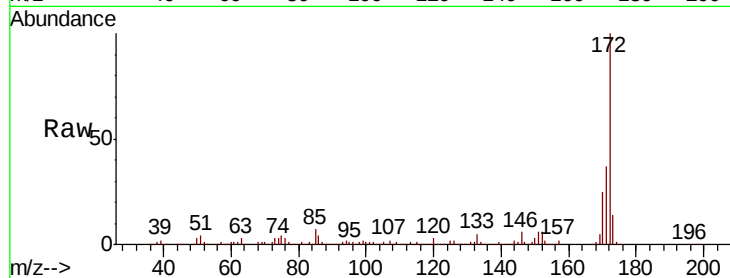




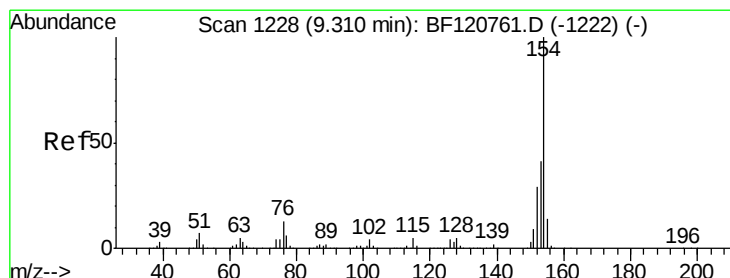
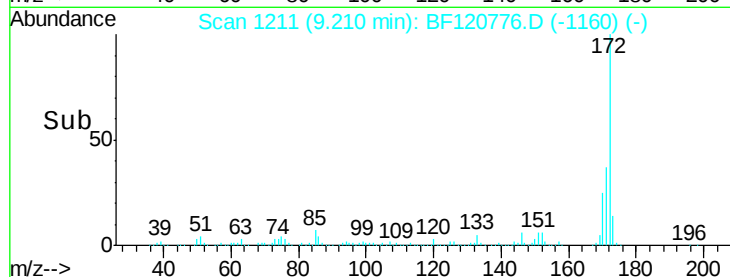
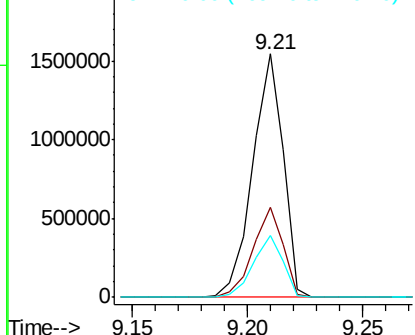
#45
2-Fluorobiphenyl
Concen: 85.351 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF120776.D
Acq: 7 Jul 2020 9:48

Instrument :
BNA_F
ClientSampleId :
PB129957BS

Tot Ion:172 Resp: 1423579
Ion Ratio Lower Upper
172 100
171 36.8 29.1 43.7
170 25.2 19.8 29.6

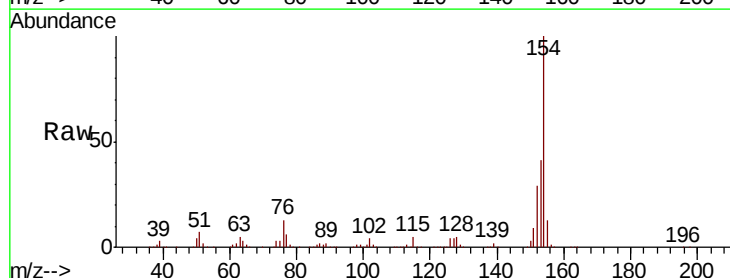


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

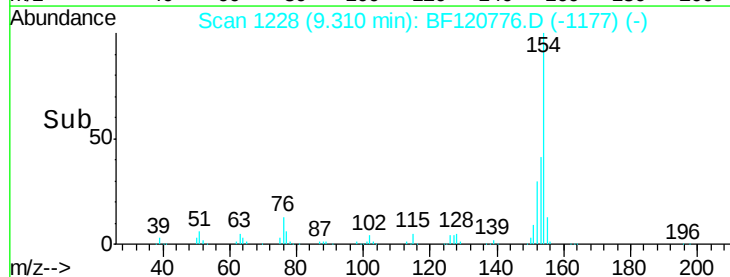
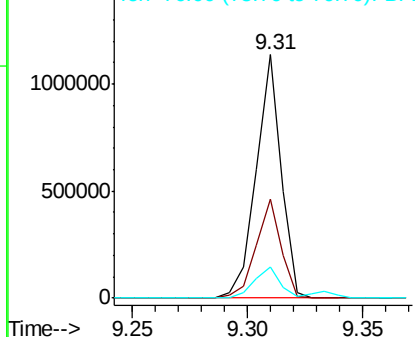


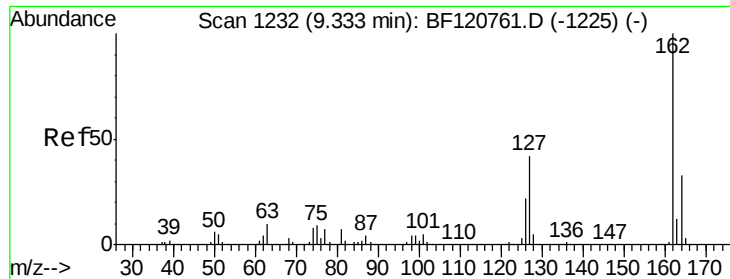
#46
1,1'-Biphenyl
Concen: 42.190 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF120776.D
Acq: 7 Jul 2020 9:48

Tgt Ion:154 Resp: 858774
Ion Ratio Lower Upper
154 100
153 40.9 20.7 60.7
76 12.8 0.0 33.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

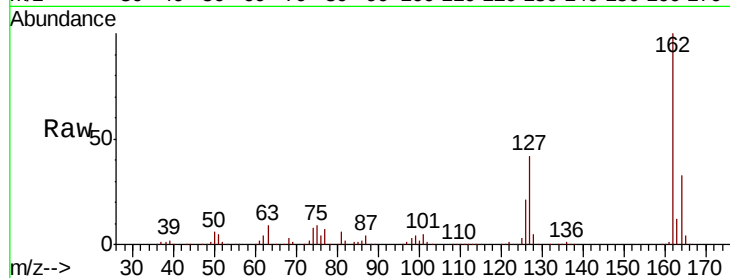




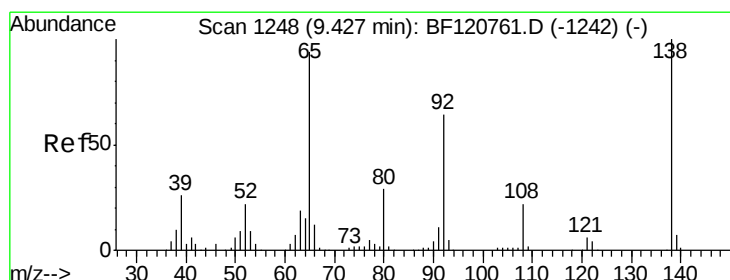
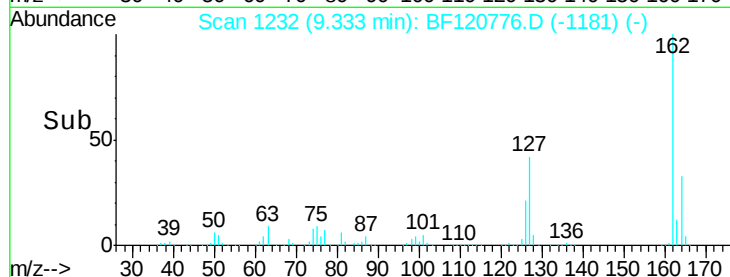
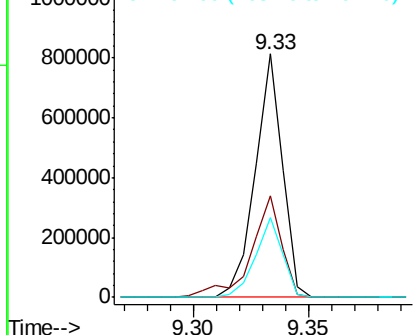
#47
 2-Chloronaphthalene
 Concen: 40.974 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF120776.D
 Acq: 7 Jul 2020 9:48

Instrument :
 BNA_F
 ClientSampleId :
 PB129957BS

Tot Ion:162 Resp: 668158
 Ion Ratio Lower Upper
 162 100
 127 41.8 33.7 50.5
 164 33.0 26.4 39.6

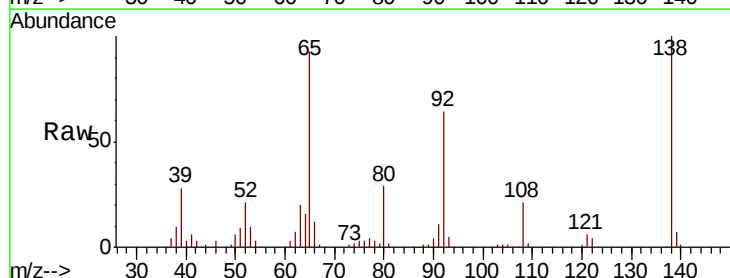


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

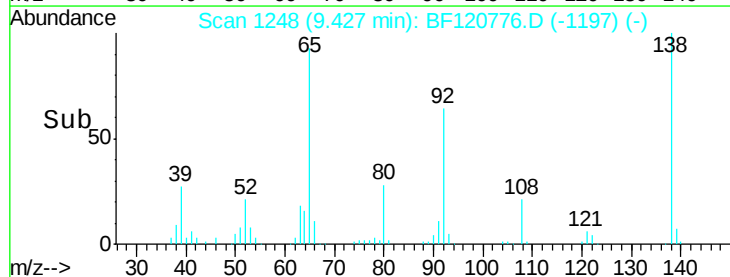
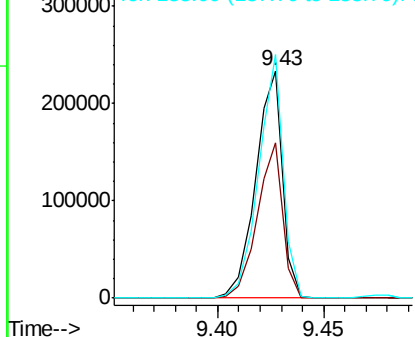


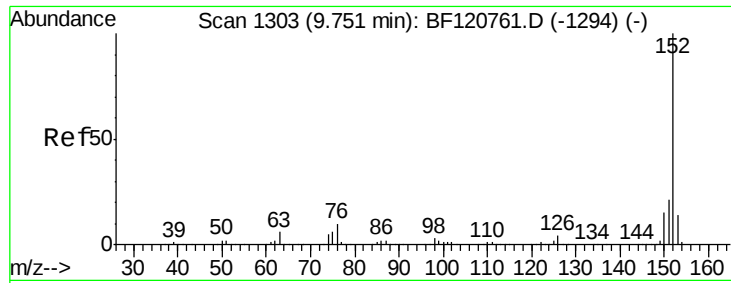
#48
 2-Nitroaniline
 Concen: 42.352 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF120776.D
 Acq: 7 Jul 2020 9:48

Tgt Ion: 65 Resp: 205201
 Ion Ratio Lower Upper
 65 100
 92 68.5 54.4 81.6
 138 107.0 84.7 127.1



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: 40.512 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

Instrument :

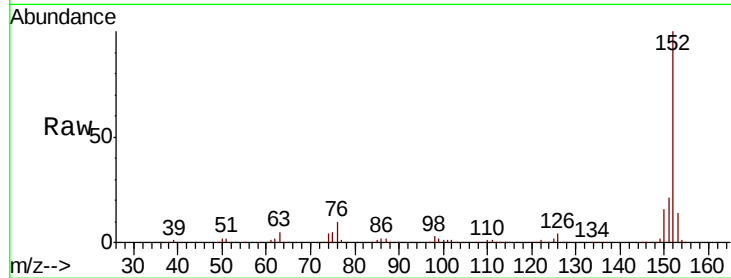
BNA_F

ClientSampleId :

PB129957BS

Tot Ion:152 Resp: 1035724

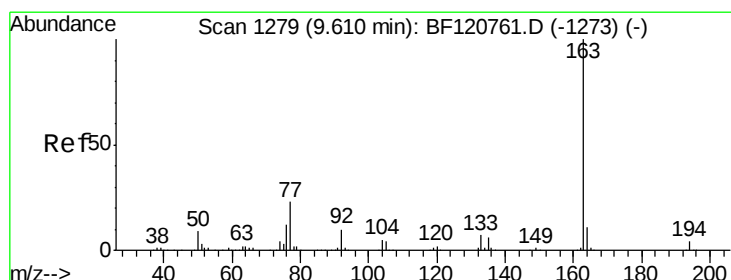
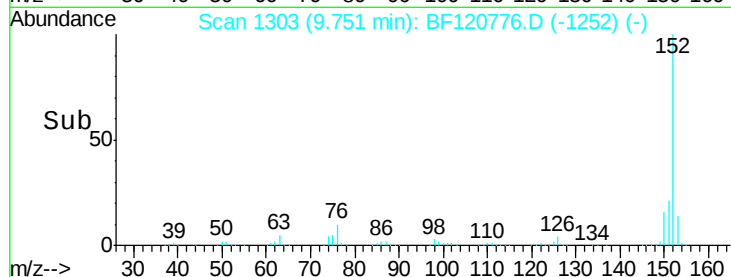
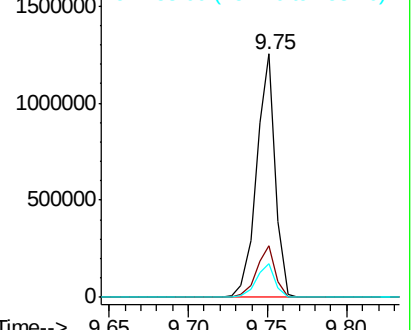
Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.9	25.3
153	13.9	10.8	16.2



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: 40.129 ng

RT: 9.61 min Scan# 1279

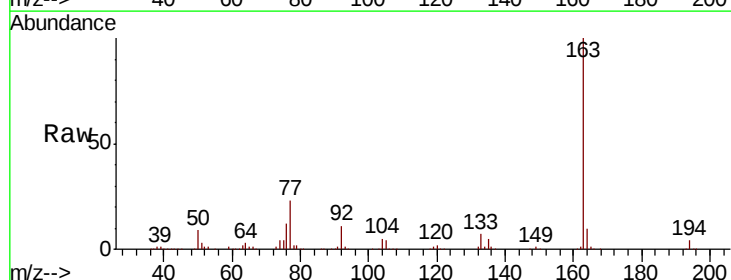
Delta R.T. -0.00 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

Tgt Ion:163 Resp: 738703

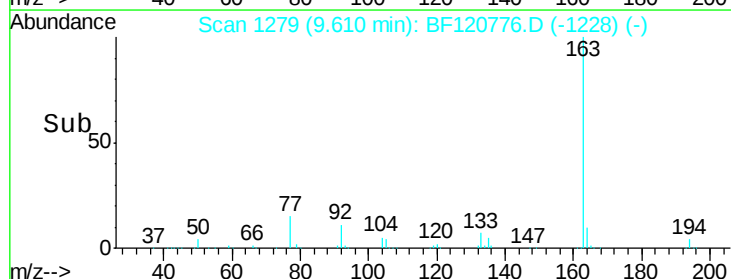
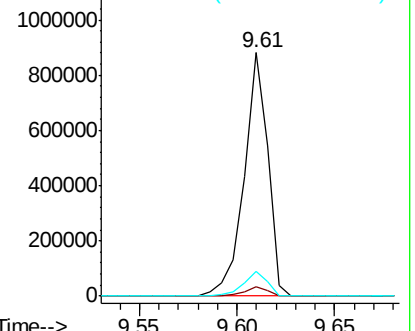
Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.9	4.3
164	10.4	8.5	12.7

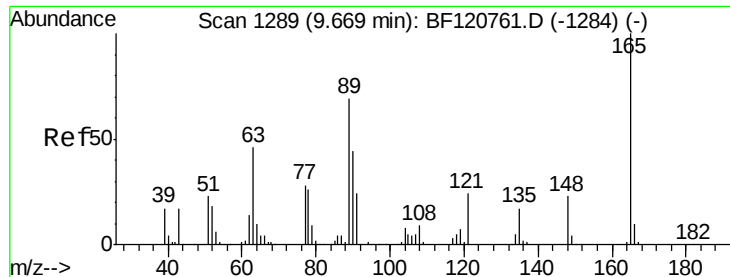


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

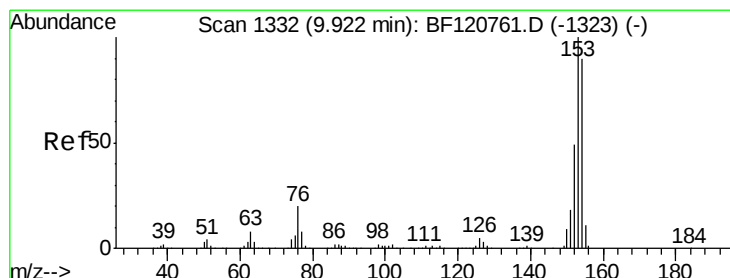
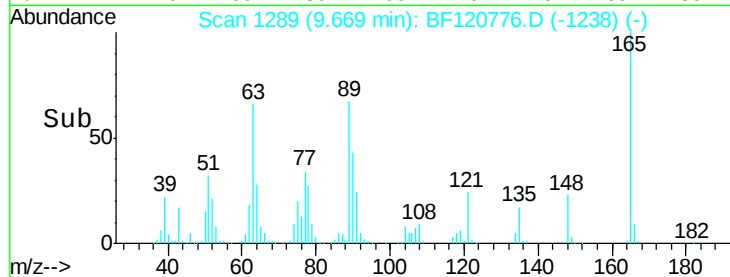
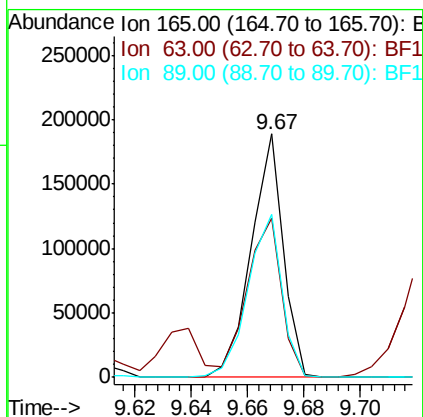
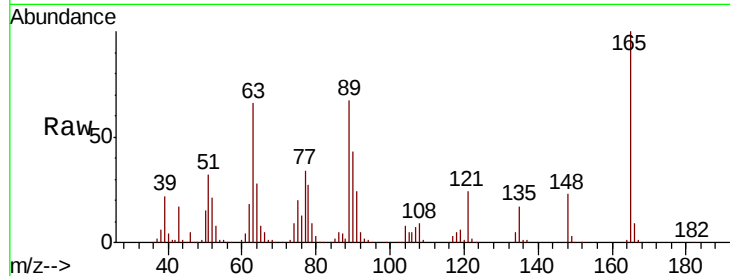




#51
 2,6-Dinitrotoluene
 Concen: 41.171 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BF120776.D
 Acq: 7 Jul 2020 9:48

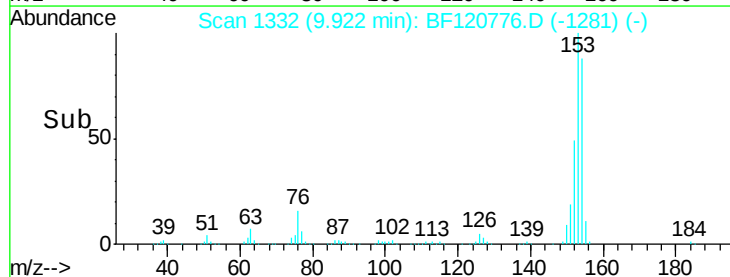
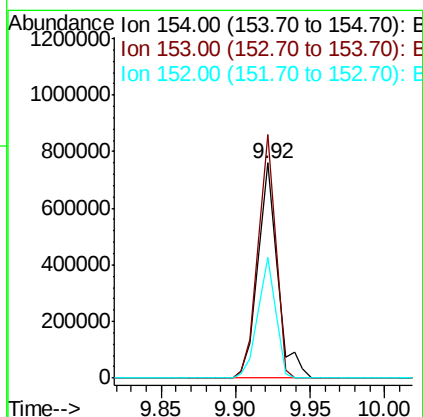
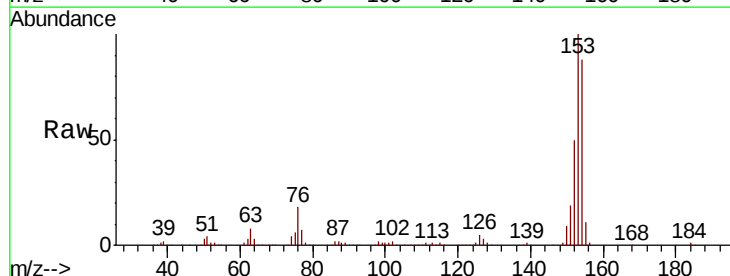
Instrument :
 BNA_F
 ClientSampleId :
 PB129957BS

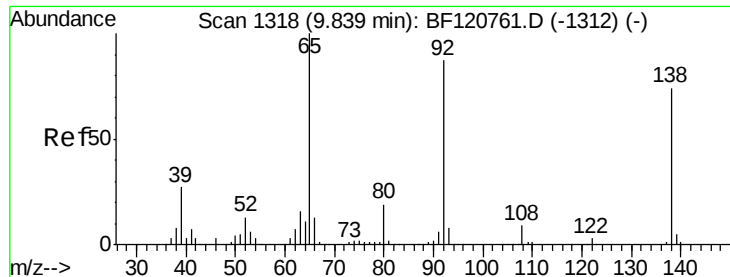
Tot Ion:165 Resp: 149378
 Ion Ratio Lower Upper
 165 100
 63 65.6 54.0 81.0
 89 67.0 55.4 83.2



#52
 Acenaphthene
 Concen: 43.617 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF120776.D
 Acq: 7 Jul 2020 9:48

Tgt Ion:154 Resp: 691786
 Ion Ratio Lower Upper
 154 100
 153 113.2 88.6 132.8
 152 56.1 43.6 65.4

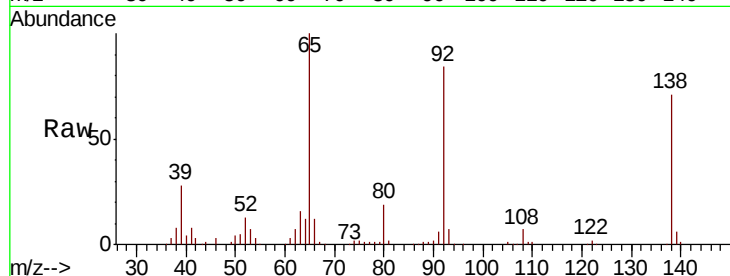




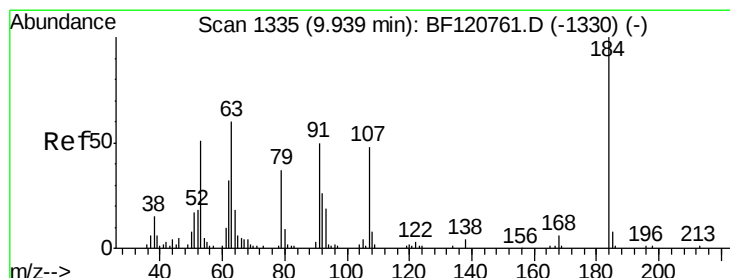
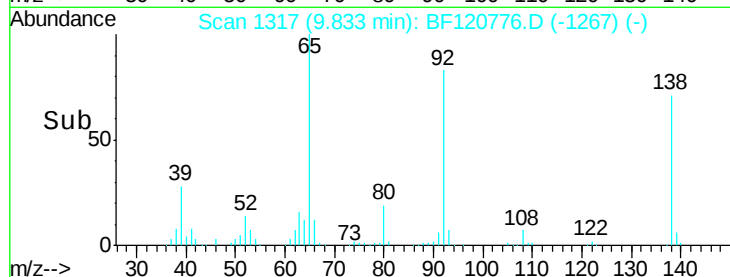
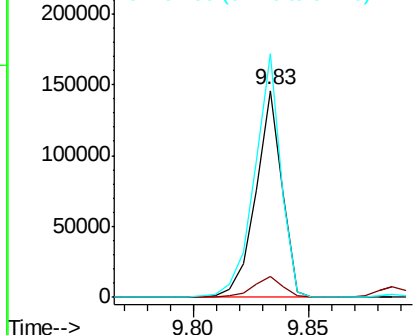
#53
3-Nitroaniline
Concen: 26.935 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120776.D
Acq: 7 Jul 2020 9:48

Instrument :
BNA_F
ClientSampleId :
PB129957BS

Tot Ion:138 Resp: 116396
Ion Ratio Lower Upper
138 100
108 10.2 9.8 14.6
92 117.7 93.4 140.2

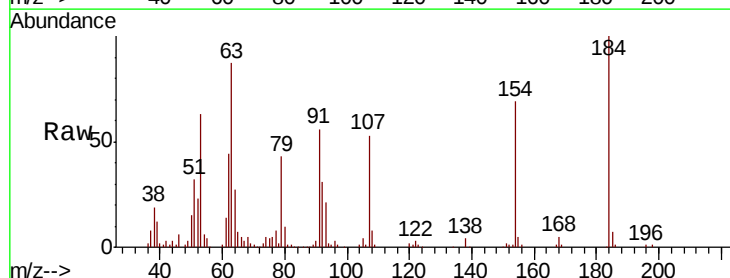


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

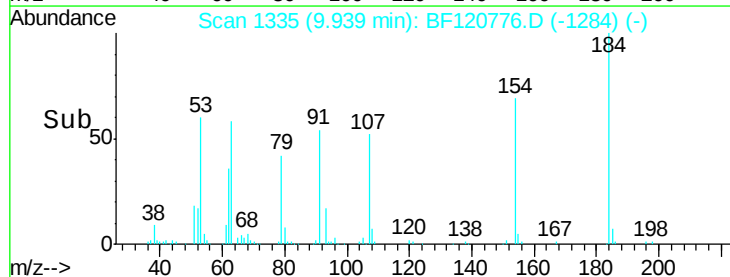
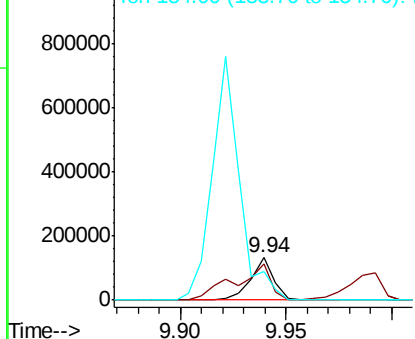


#54
2,4-Dinitrophenol
Concen: 70.239 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF120776.D
Acq: 7 Jul 2020 9:48

Tgt Ion:184 Resp: 99194
Ion Ratio Lower Upper
184 100
63 86.8 57.3 85.9#
154 68.8 55.8 83.6



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

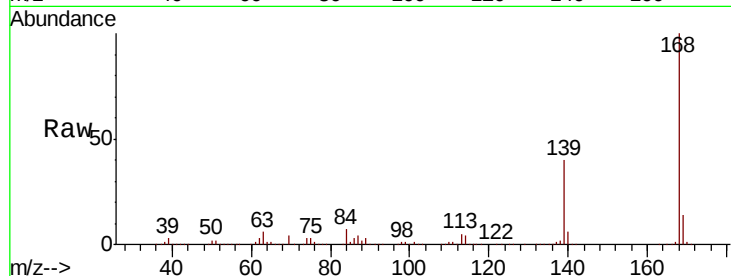




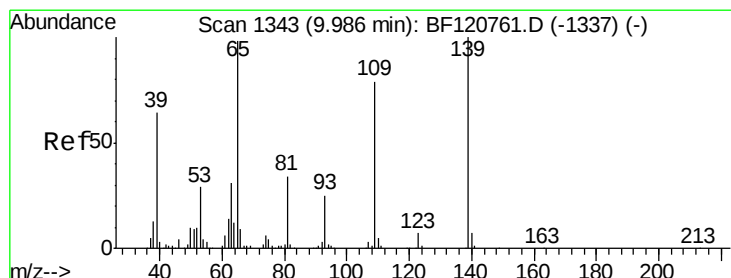
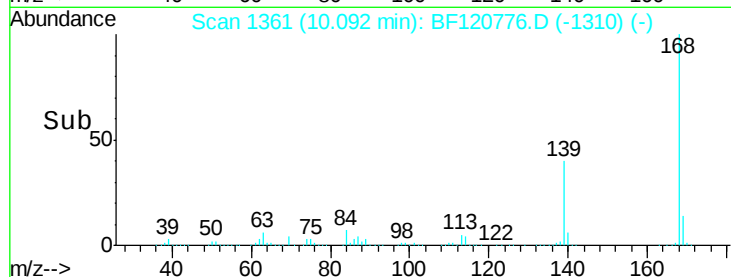
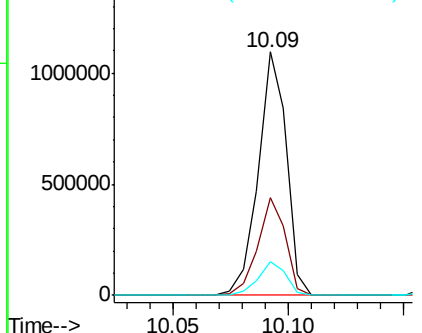
#55
Dibenzenofuran
Concen: 40.751 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF120776.D
Acq: 7 Jul 2020 9:48

Instrument :
BNA_F
ClientSampleId :
PB129957BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.0	31.3	46.9
169	13.9	11.2	16.8

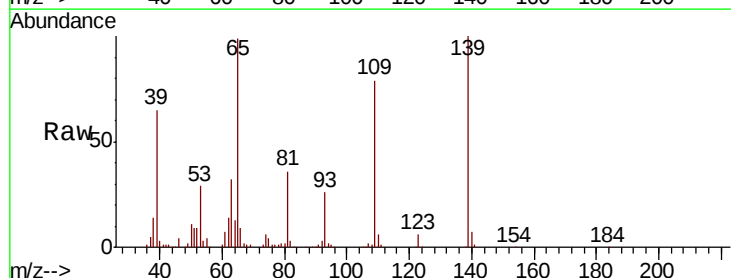


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

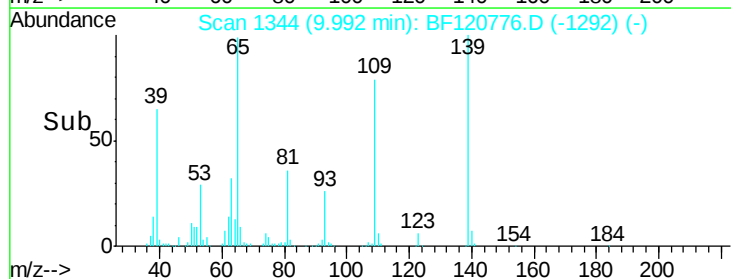
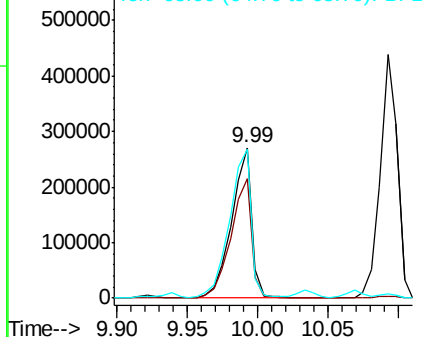


#56
4-Nitrophenol
Concen: 79.590 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF120776.D
Acq: 7 Jul 2020 9:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.2	58.6	98.6
65	99.2	78.7	118.7



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

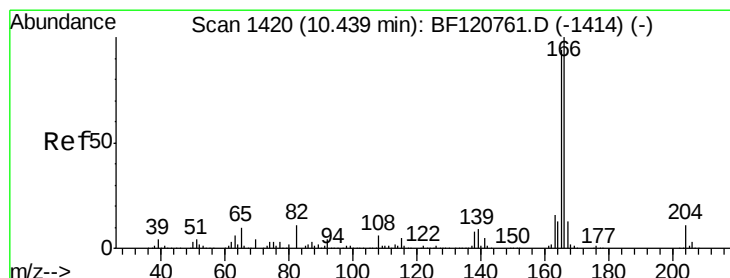
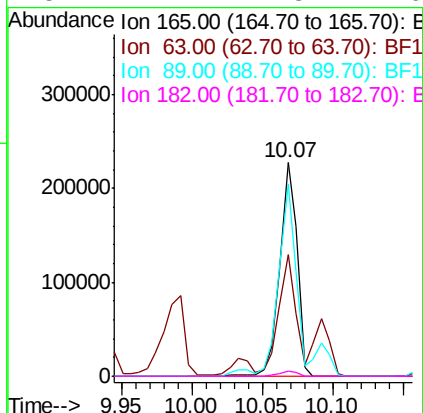
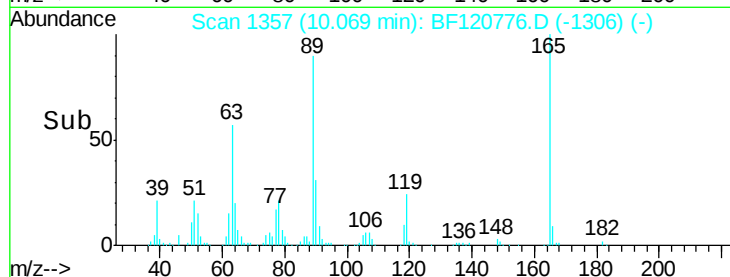
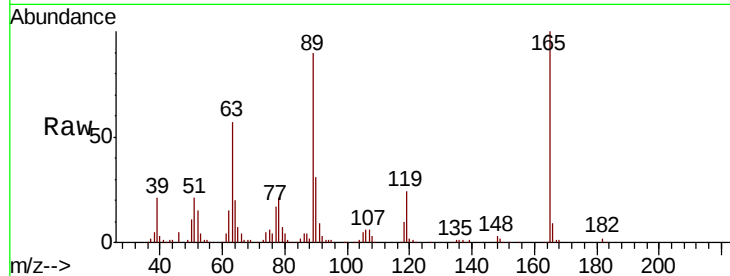




#57
2,4-Dinitrotoluene
Concen: 43.247 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF120776.D
Acq: 7 Jul 2020 9:48

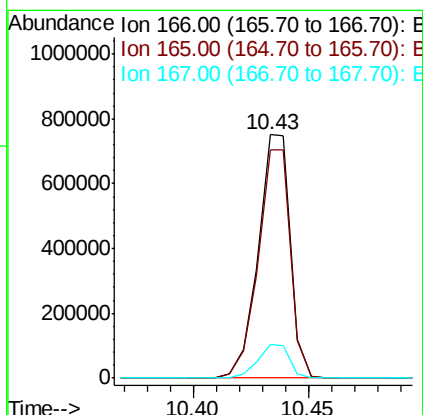
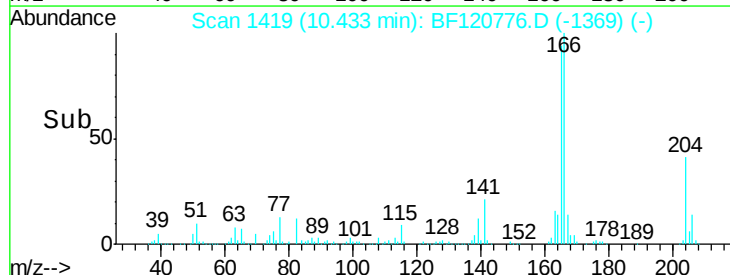
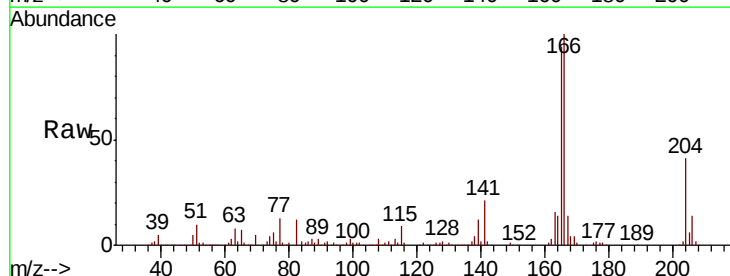
Instrument :
BNA_F
ClientSampleId :
PB129957BS

Tot Ion:165 Resp: 195598
Ion Ratio Lower Upper
165 100
63 56.9 43.8 65.8
89 90.0 71.4 107.2
182 2.2 1.8 2.6



#58
Fluorene
Concen: 42.707 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF120776.D
Acq: 7 Jul 2020 9:48

Tgt Ion:166 Resp: 726744
Ion Ratio Lower Upper
166 100
165 93.6 75.5 113.3
167 14.0 10.6 16.0

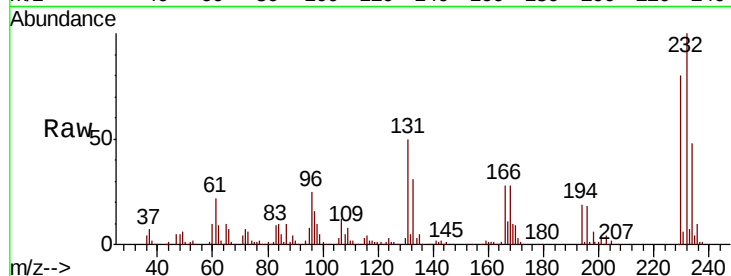




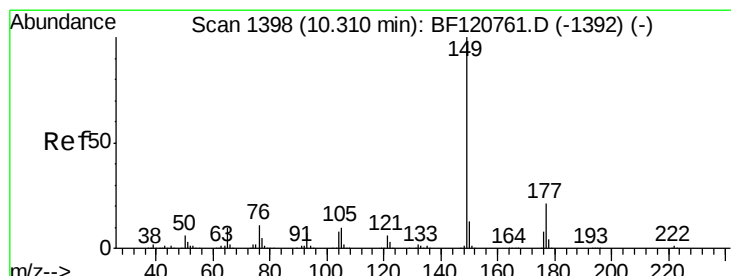
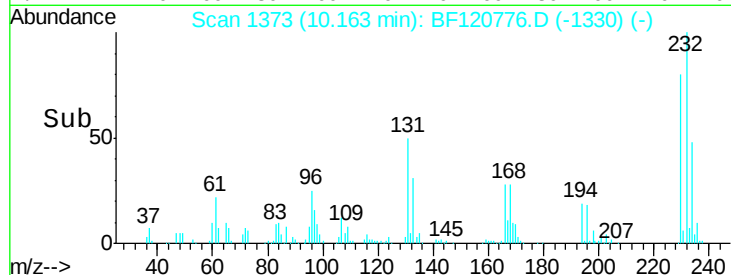
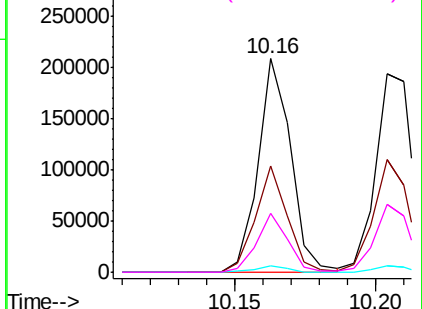
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.935 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.05 min
Lab File: BF120776.D
Acq: 7 Jul 2020 9:48

Instrument :
BNA_F
ClientSampleId :
PB129957BS

Tot Ion:232 Resp: 167097
Ion Ratio Lower Upper
232 100
131 48.7 36.3 54.5
130 2.9 2.0 3.0
166 26.8 20.9 31.3

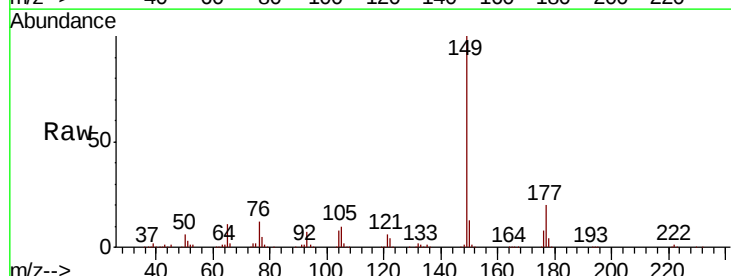


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

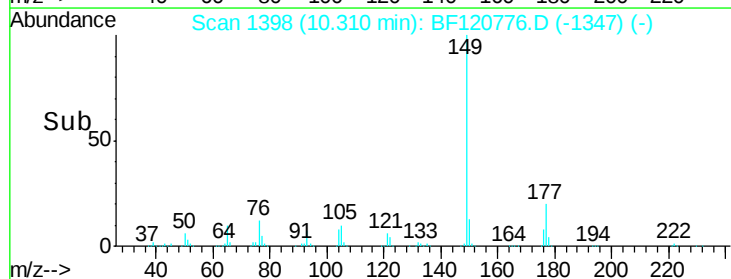
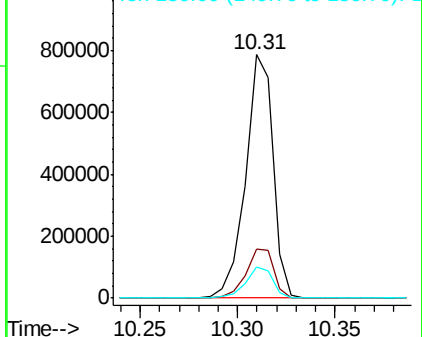


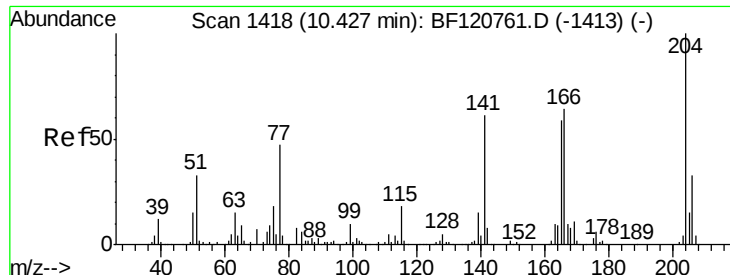
#60
Diethylphthalate
Concen: 39.740 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF120776.D
Acq: 7 Jul 2020 9:48

Tgt Ion:149 Resp: 762054
Ion Ratio Lower Upper
149 100
177 20.2 16.4 24.6
150 12.7 10.2 15.4



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

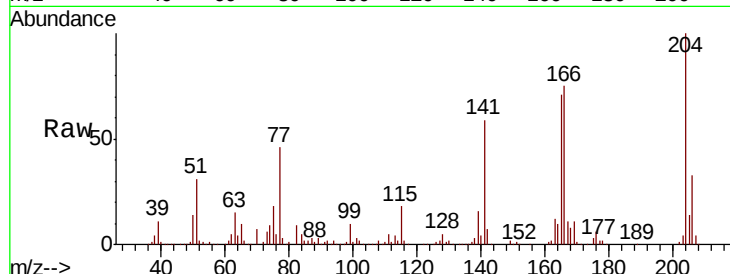




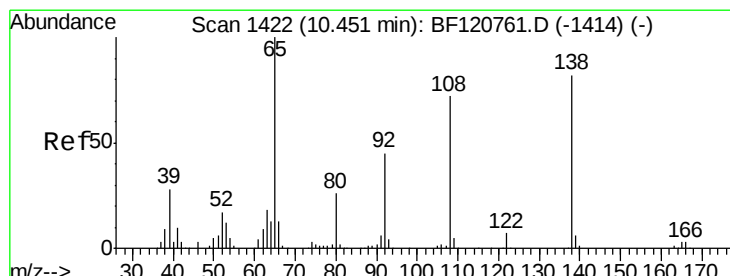
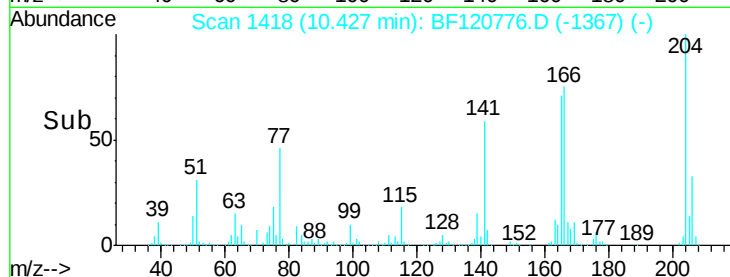
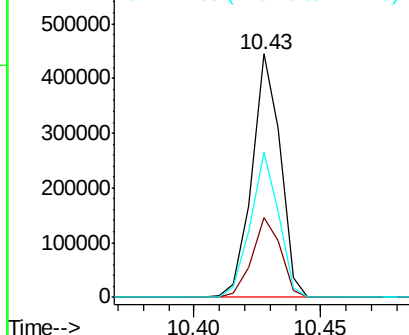
#61
4-Chlorophenyl-phenylether
Concen: 40.651 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF120776.D
Acq: 7 Jul 2020 9:48

Instrument :
BNA_F
ClientSampleId :
PB129957BS

Tot Ion:204 Resp: 347749
Ion Ratio Lower Upper
204 100
206 32.7 26.7 40.1
141 59.4 48.5 72.7

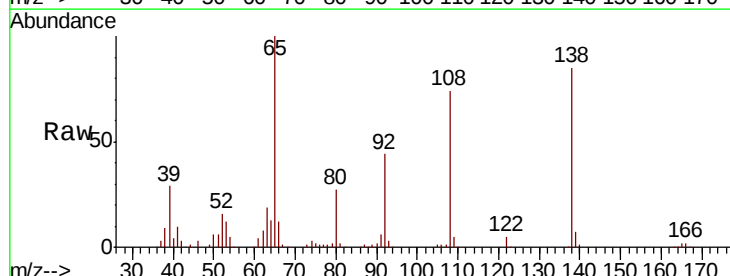


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

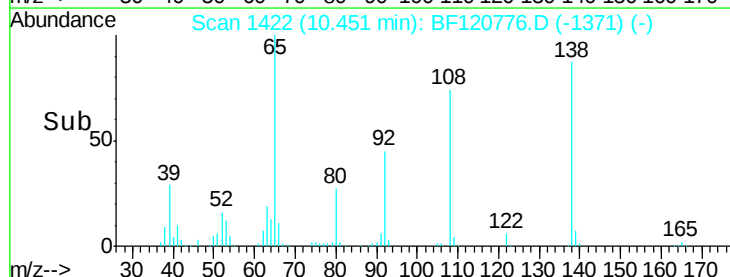
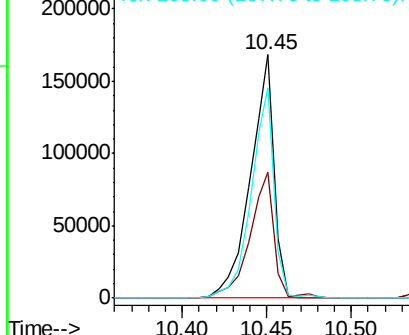


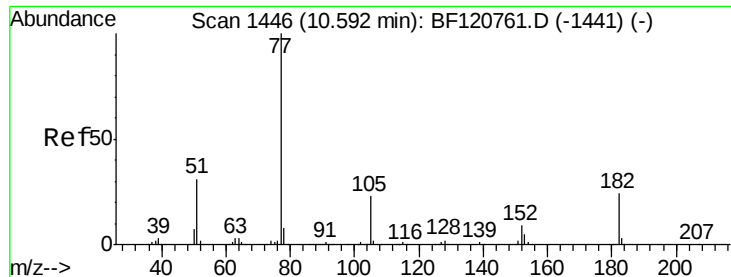
#62
4-Nitroaniline
Concen: 42.103 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF120776.D
Acq: 7 Jul 2020 9:48

Tgt Ion:138 Resp: 164673
Ion Ratio Lower Upper
138 100
92 51.5 34.3 74.3
108 86.2 68.3 108.3



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

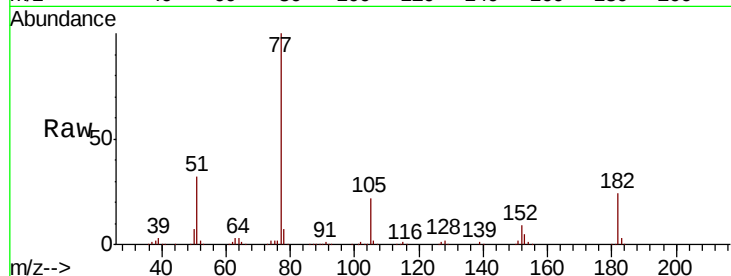




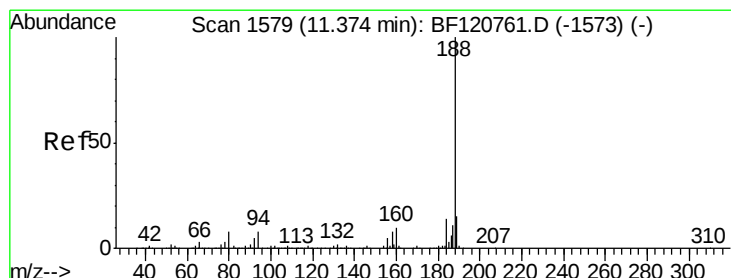
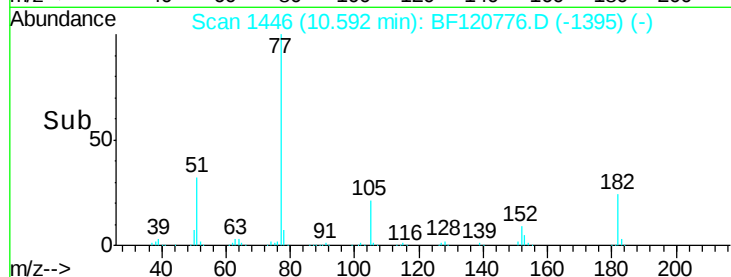
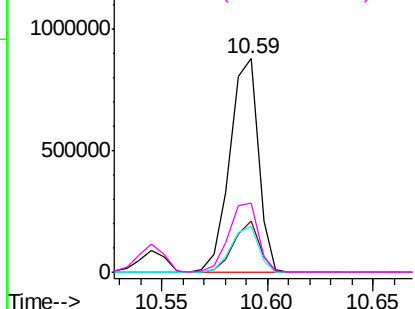
#63
Azobenzene
Concen: 41.505 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF120776.D
Acq: 7 Jul 2020 9:48

Instrument :
BNA_F
ClientSampleId :
PB129957BS

Tot Ion:	77	Resp:	814170
Ion	Ratio	Lower	Upper
77	100		
182	23.9	4.0	44.0
105	21.8	2.6	42.6
51	32.2	11.5	51.5

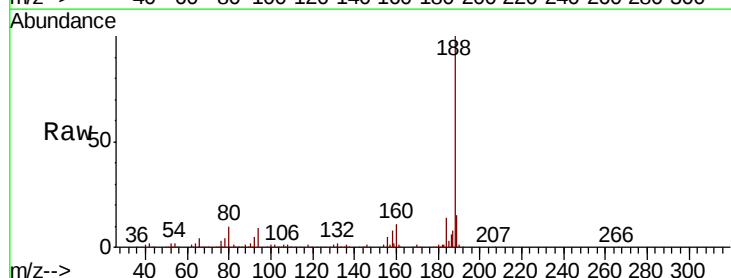


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

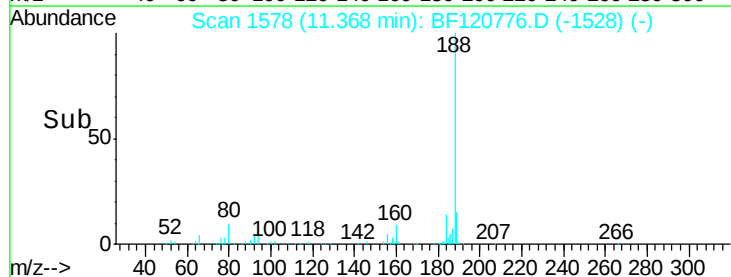
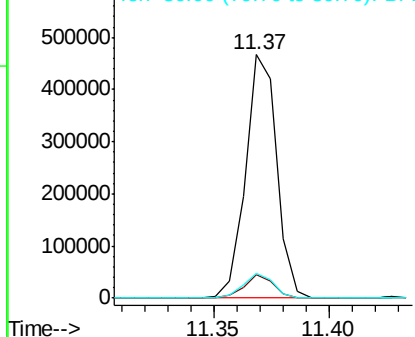


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF120776.D
Acq: 7 Jul 2020 9:48

Tgt Ion:	188	Resp:	440149
Ion	Ratio	Lower	Upper
188	100		
94	9.5	6.6	9.8
80	10.2	6.6	10.0#



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

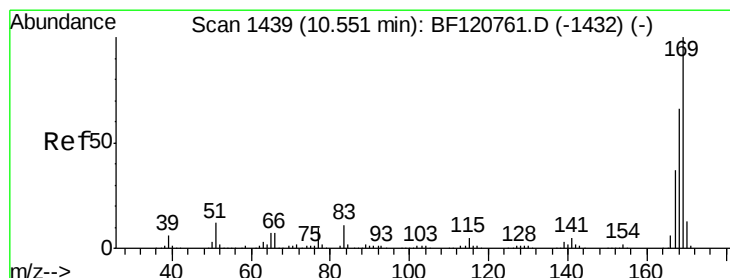
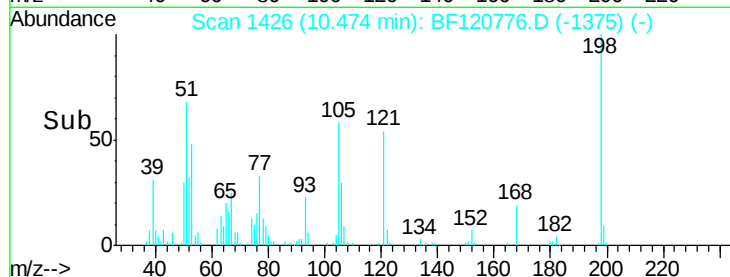
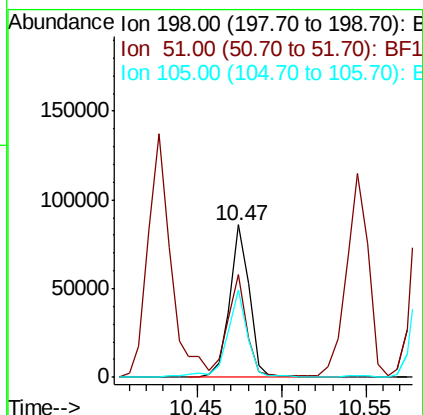
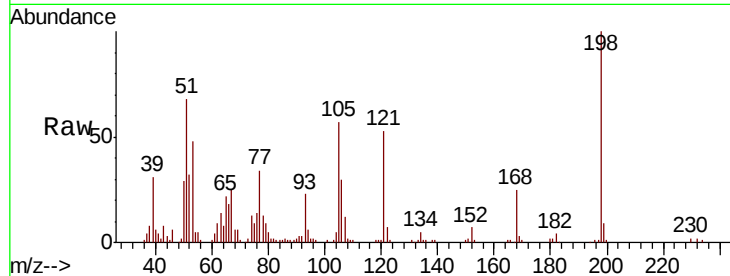




#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.965 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF120776.D
 Acq: 7 Jul 2020 9:48

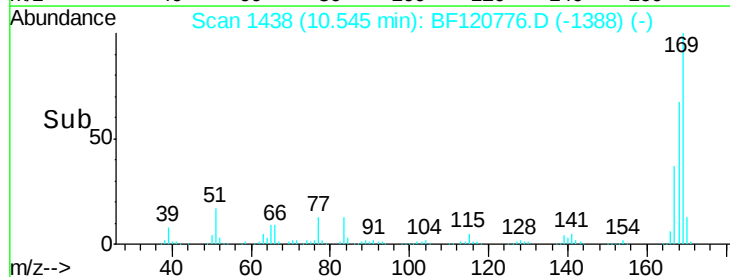
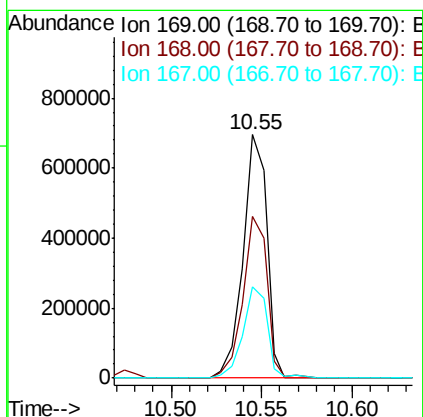
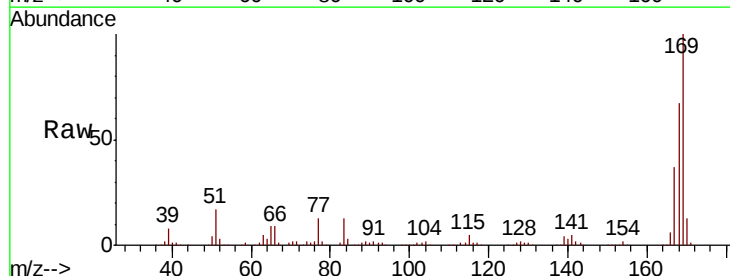
Instrument :
 BNA_F
 ClientSampleId :
 PB129957BS

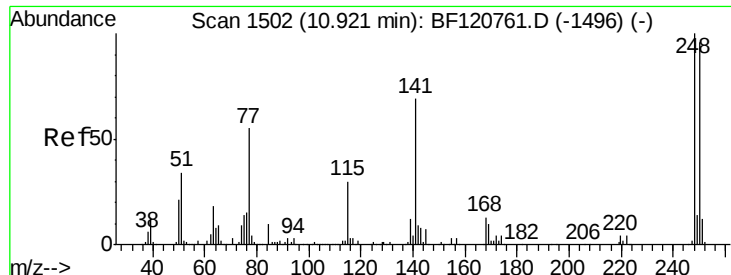
Tot Ion:198 Resp: 69261
 Ion Ratio Lower Upper
 198 100
 51 67.5 50.0 90.0
 105 57.3 38.3 78.3



#66
 n-Nitrosodiphenylamine
 Concen: 42.744 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF120776.D
 Acq: 7 Jul 2020 9:48

Tgt Ion:169 Resp: 630585
 Ion Ratio Lower Upper
 169 100
 168 66.6 53.1 79.7
 167 37.3 29.6 44.4

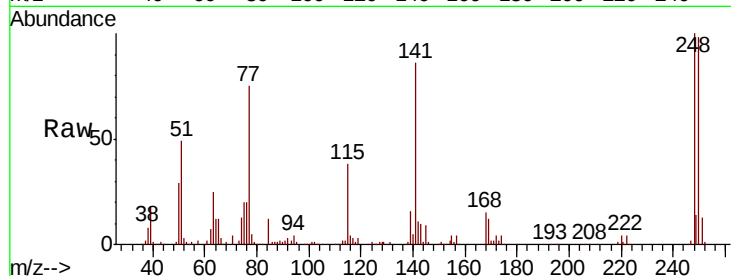




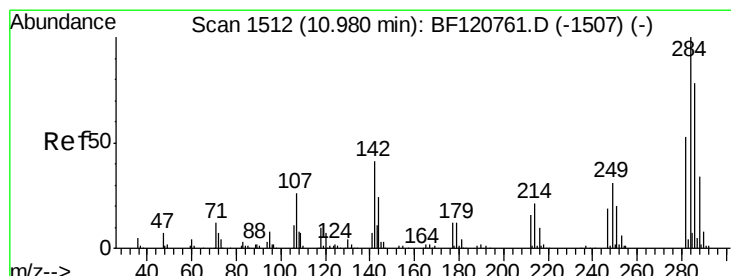
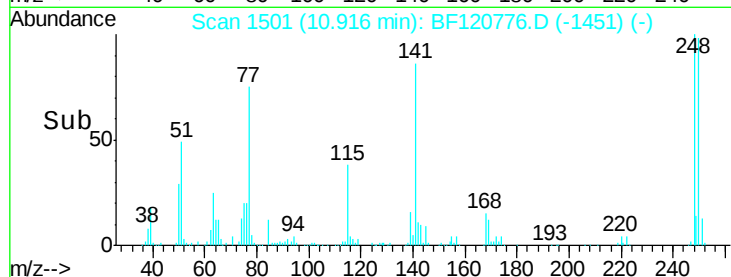
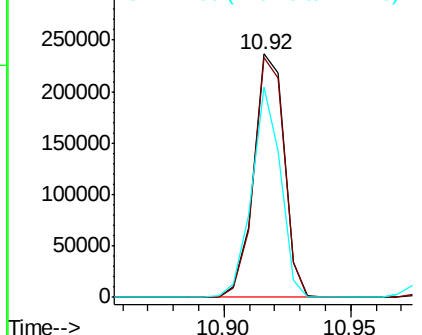
#67
4-Bromophenyl-phenylether
Concen: 39.332 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF120776.D
Acq: 7 Jul 2020 9:48

Instrument :
BNA_F
ClientSampleId :
PB129957BS

Tot Ion:248 Resp: 200818
Ion Ratio Lower Upper
248 100
250 98.3 76.5 114.7
141 86.5 54.9 82.3#

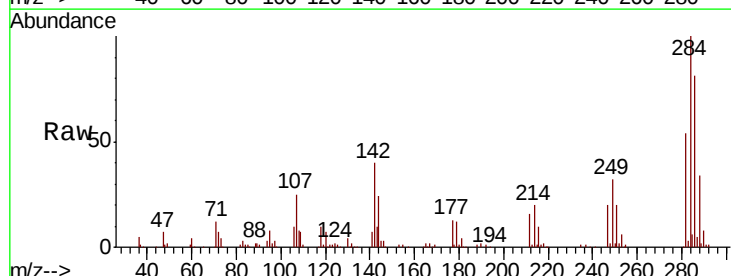


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

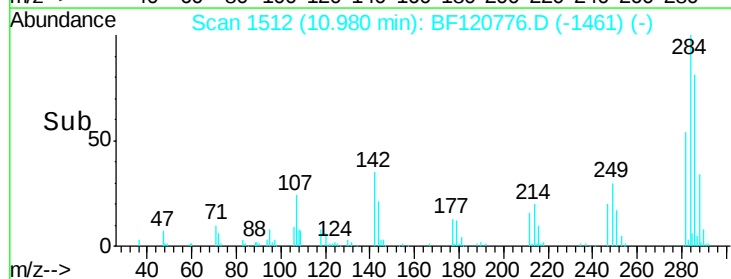
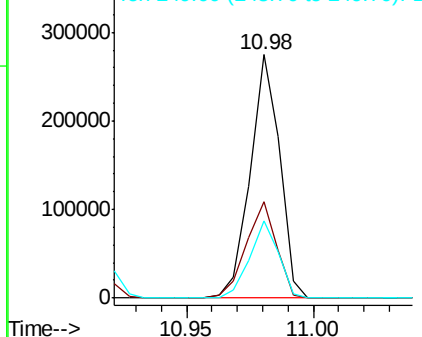


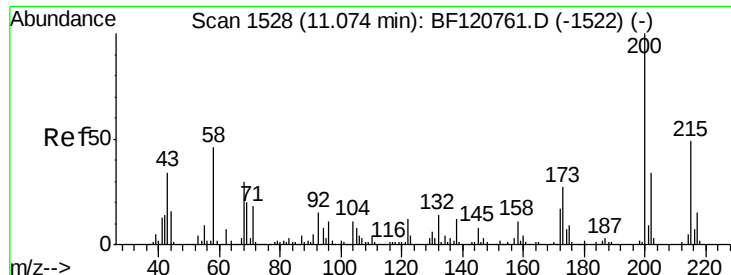
#68
Hexachlorobenzene
Concen: 41.518 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF120776.D
Acq: 7 Jul 2020 9:48

Tgt Ion:284 Resp: 222441
Ion Ratio Lower Upper
284 100
142 39.7 32.5 48.7
249 31.6 24.8 37.2



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

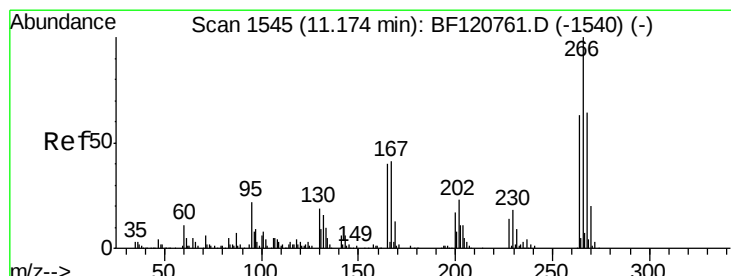
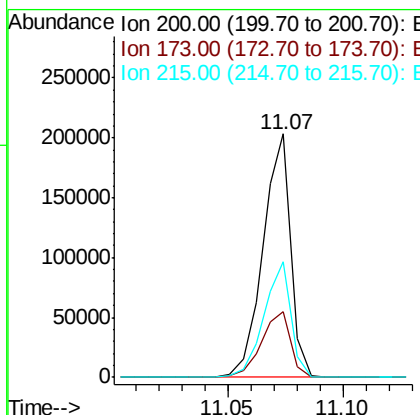
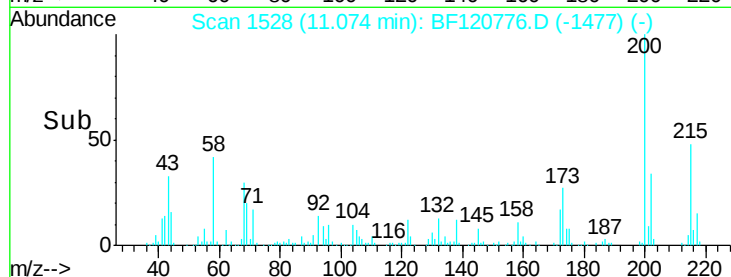
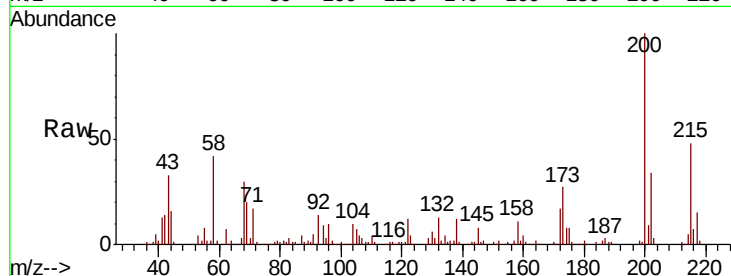




#69
Atrazine
Concen: 44.558 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BF120776.D
Acq: 7 Jul 2020 9:48

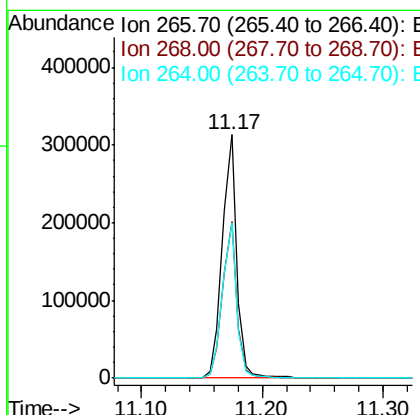
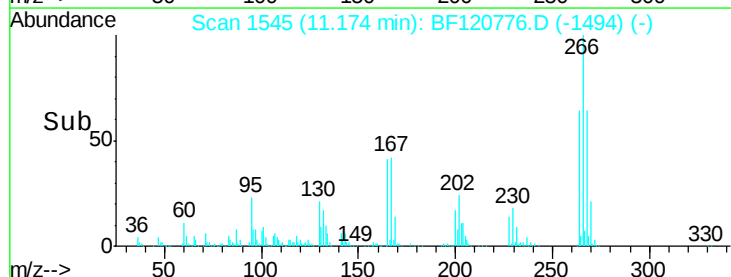
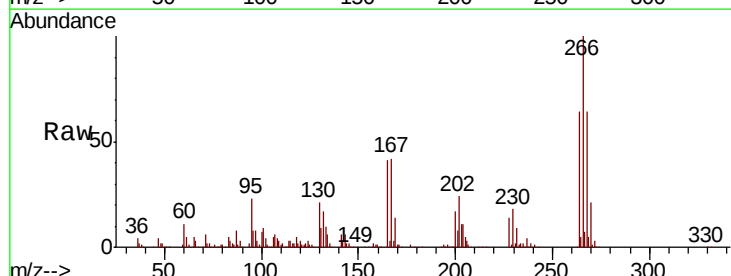
Instrument :
BNA_F
ClientSampleId :
PB129957BS

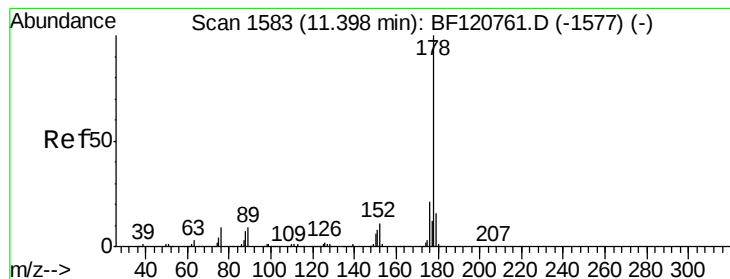
Tot Ion:200 Resp: 169349
Ion Ratio Lower Upper
200 100
173 26.8 7.4 47.4
215 47.6 28.8 68.8



#70
Pentachlorophenol
Concen: 85.889 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.00 min
Lab File: BF120776.D
Acq: 7 Jul 2020 9:48

Tgt Ion:266 Resp: 260353
Ion Ratio Lower Upper
266 100
268 64.1 51.4 77.2
264 63.6 50.6 75.8





#71

Phenanthrene

Concen: 41.872 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

Instrument :

BNA_F

ClientSampleId :

PB129957BS

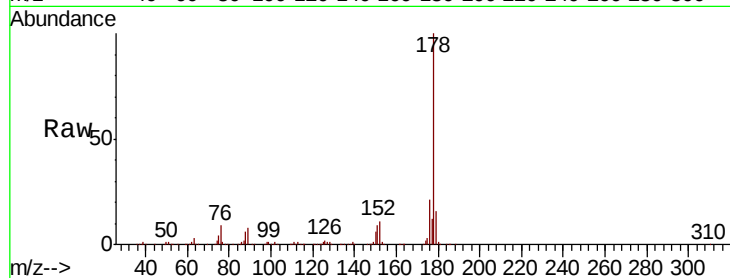
Tot Ion:178 Resp: 999983

Ion Ratio Lower Upper

178 100

176 21.1 16.4 24.6

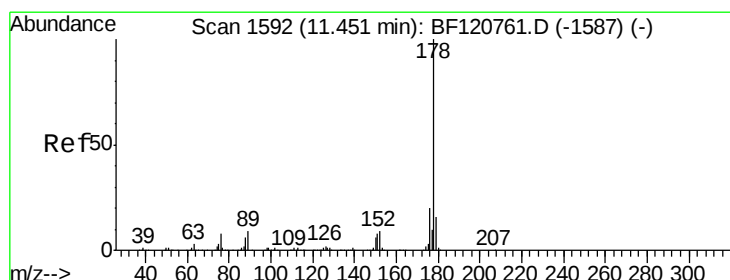
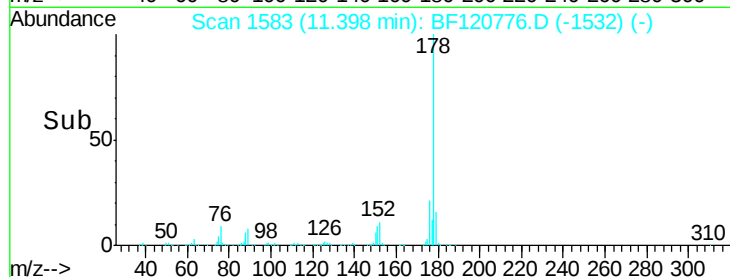
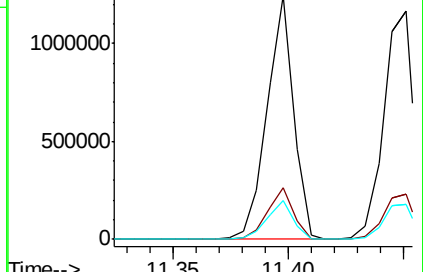
179 16.0 12.9 19.3



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: 43.192 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

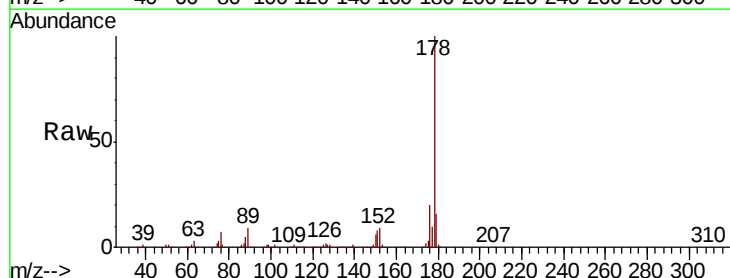
Tgt Ion:178 Resp: 1042357

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.2

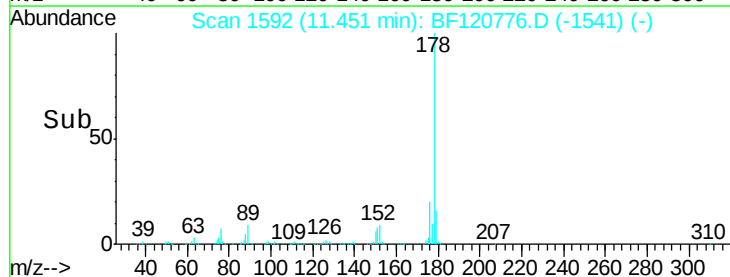
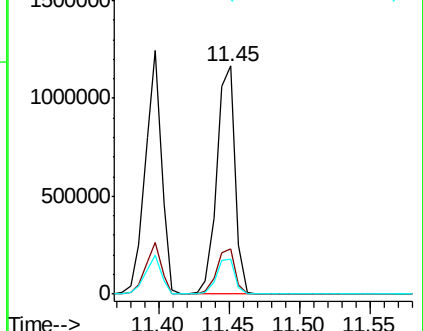
179 15.6 12.7 19.1

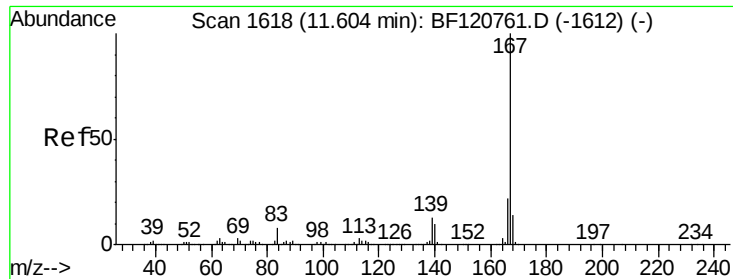


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

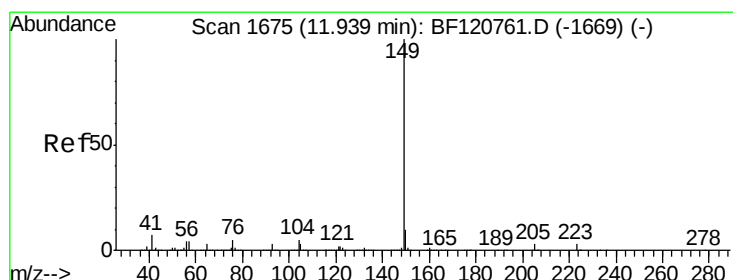
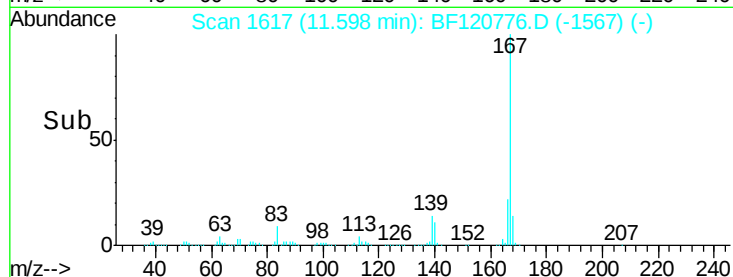
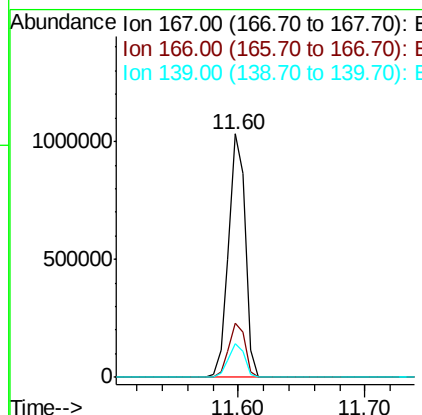
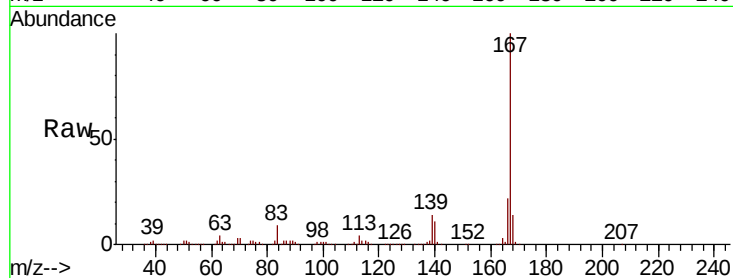




#73
 Carbazole
 Concen: 40.450 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF120776.D
 Acq: 7 Jul 2020 9:48

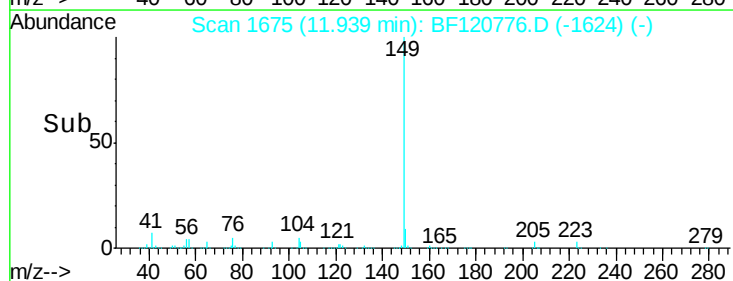
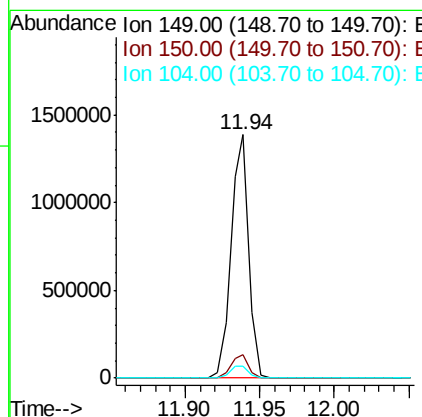
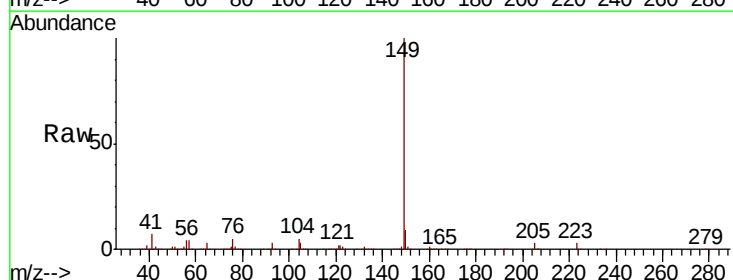
Instrument :
 BNA_F
 ClientSampleId :
 PB129957BS

Tot Ion:167 Resp: 938075
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.8
 139 14.1 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 40.340 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: BF120776.D
 Acq: 7 Jul 2020 9:48

Tgt Ion:149 Resp: 1158233
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.0 4.0 6.0





#75

Fluoranthene

Concen: 41.612 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

Instrument :

BNA_F

ClientSampleId :

PB129957BS

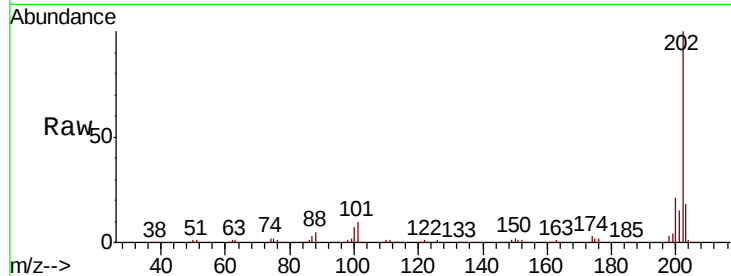
Tot Ion:202 Resp: 1058643

Ion Ratio Lower Upper

202 100

101 9.8 0.0 31.6

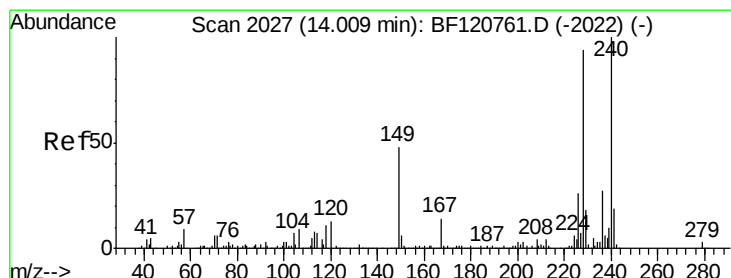
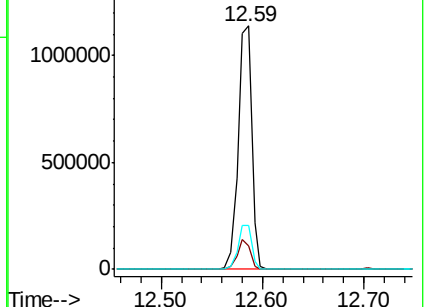
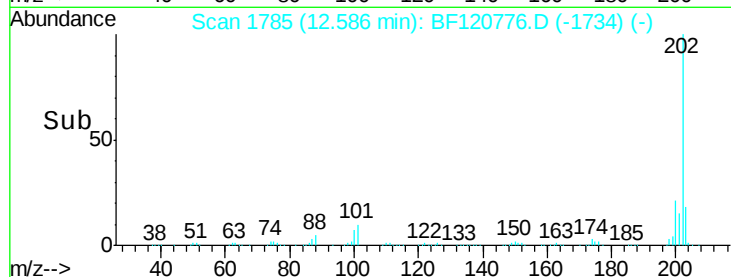
203 17.9 0.0 38.2



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: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

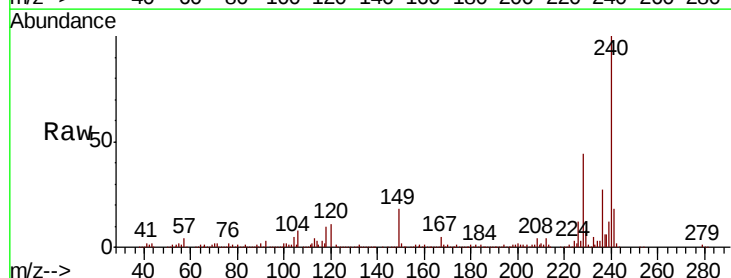
Tgt Ion:240 Resp: 335610

Ion Ratio Lower Upper

240 100

120 11.4 10.3 15.5

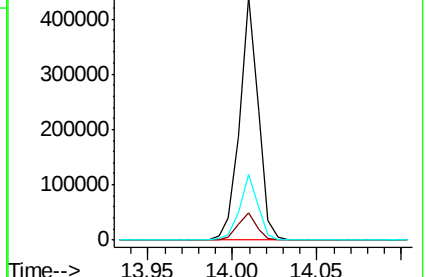
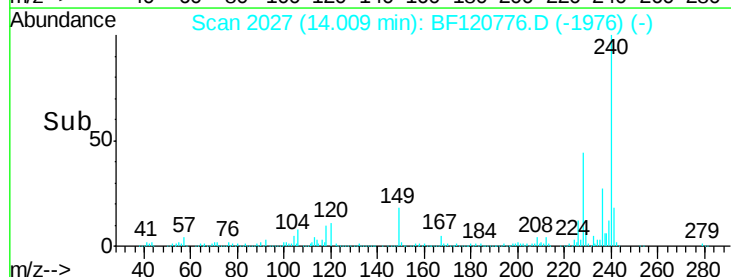
236 26.9 21.4 32.2

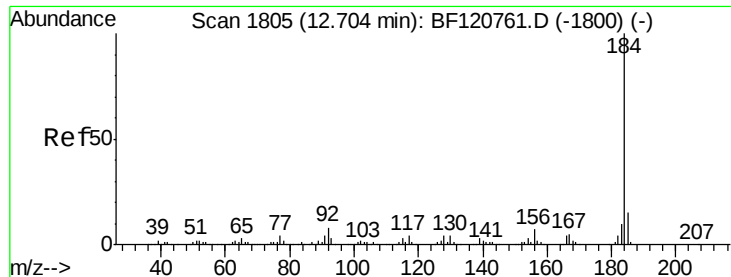


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.166 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

Instrument :

BNA_F

ClientSampleId :

PB129957BS

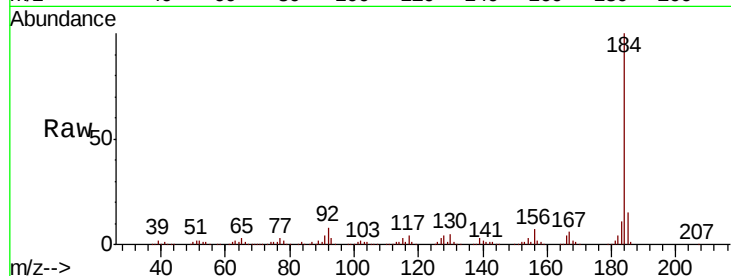
Tot Ion:184 Resp: 484690

Ion Ratio Lower Upper

184 100

185 15.3 11.8 17.8

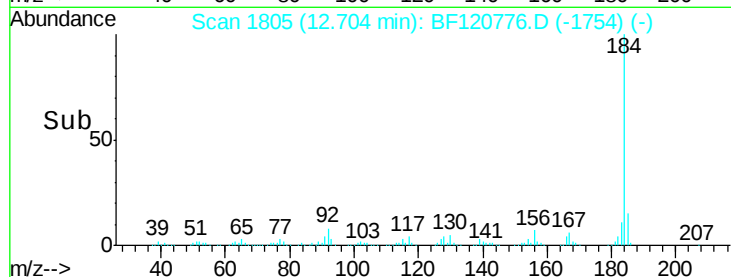
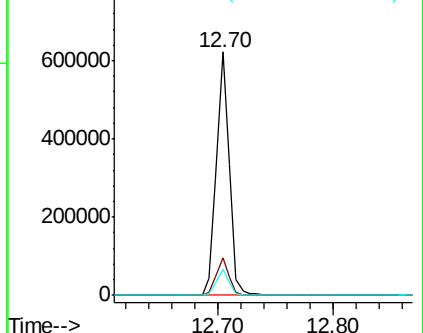
183 10.9 8.3 12.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.030 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

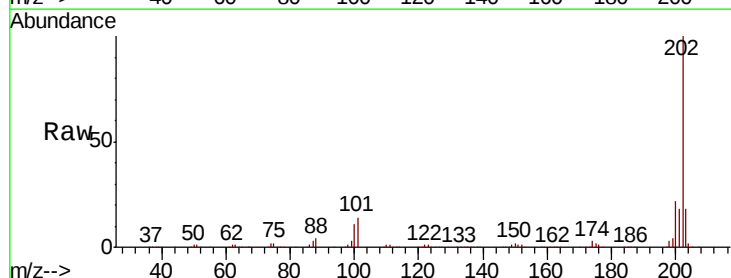
Tgt Ion:202 Resp: 1072964

Ion Ratio Lower Upper

202 100

200 21.8 17.3 25.9

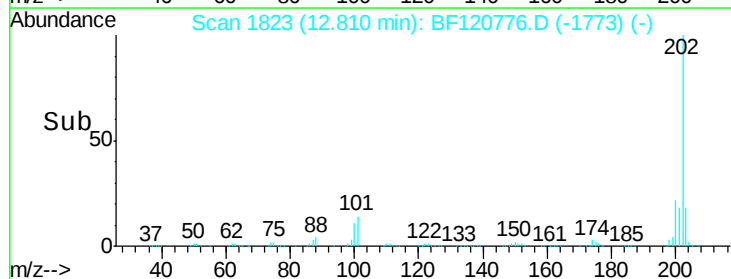
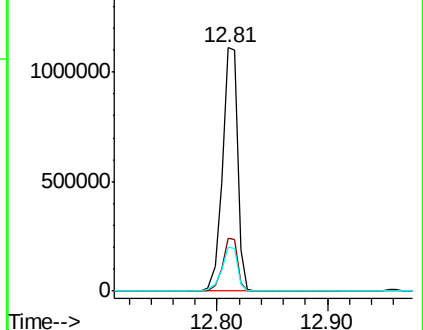
203 18.1 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



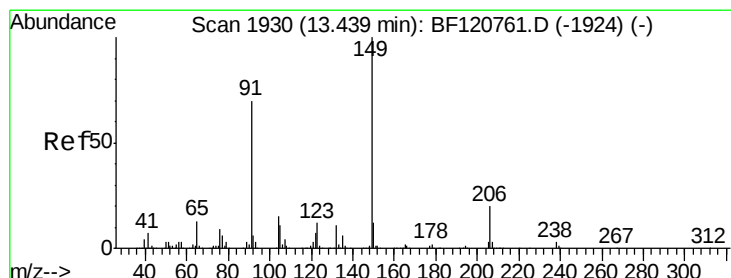
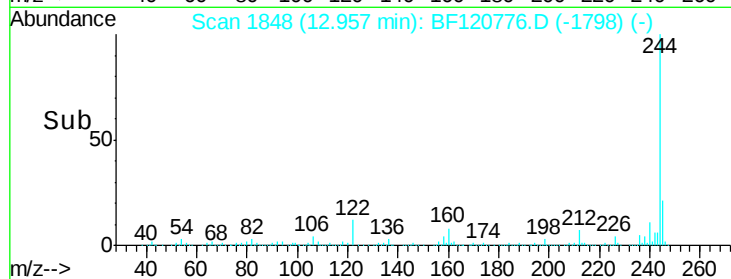
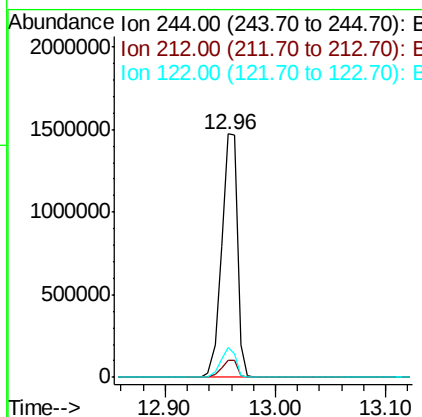
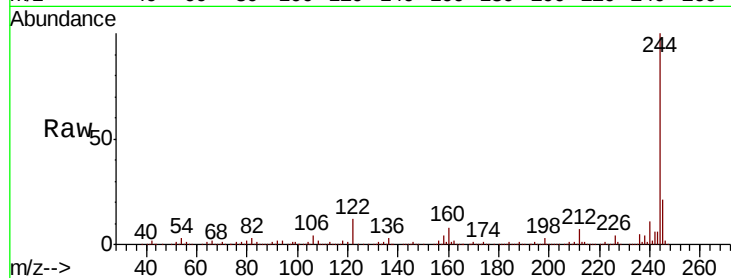


#79
 Terphenyl-d14
 Concen: 85.948 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF120776.D
 Acq: 7 Jul 2020 9:48

Instrument :
 BNA_F
 ClientSampleId :
 PB129957BS

Tot Ion:244 Resp: 1473277

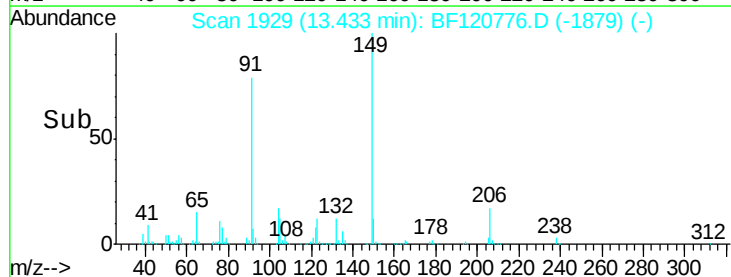
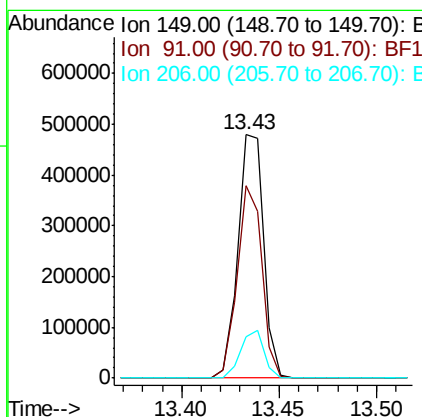
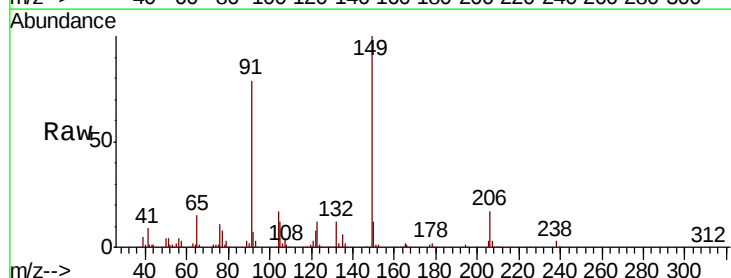
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	12.3	9.0	13.4

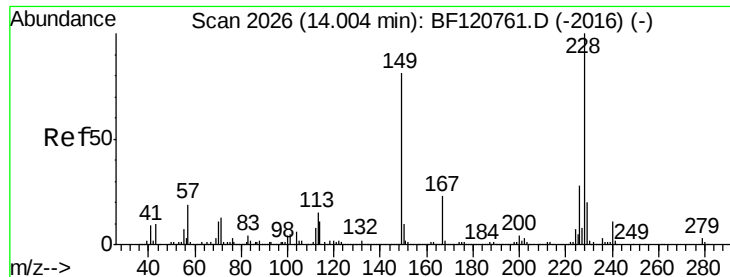


#80
 Butylbenzylphthalate
 Concen: 37.735 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BF120776.D
 Acq: 7 Jul 2020 9:48

Tgt Ion:149 Resp: 436675

Ion	Ratio	Lower	Upper
149	100		
91	79.0	55.8	83.8
206	17.2	15.7	23.5





#81

Benzo(a)anthracene

Concen: 41.288 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

Instrument :

BNA_F

ClientSampleId :

PB129957BS

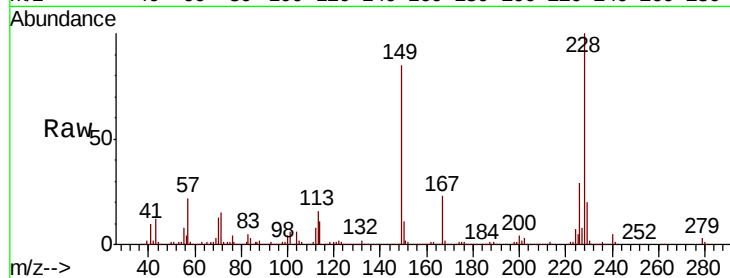
Tot Ion:228 Resp: 888244

Ion Ratio Lower Upper

228 100

226 28.7 22.6 33.8

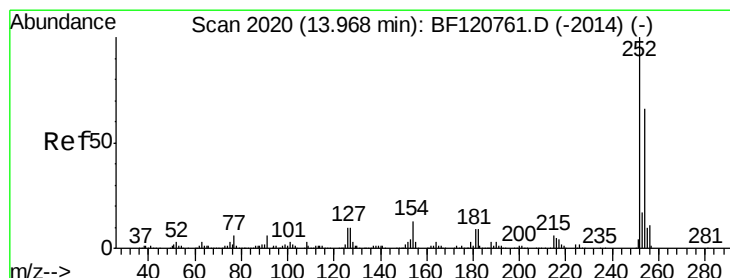
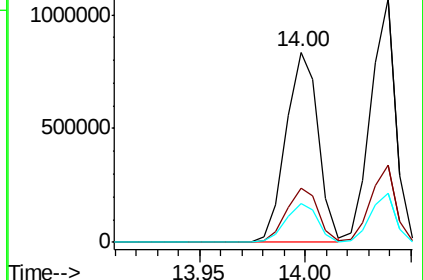
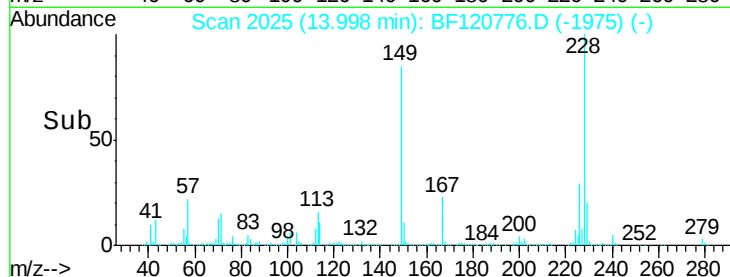
229 20.3 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.018 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

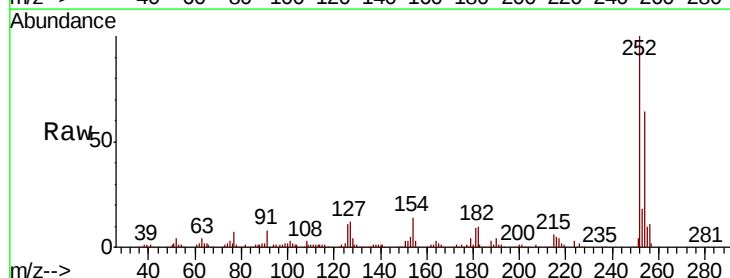
Tgt Ion:252 Resp: 188890

Ion Ratio Lower Upper

252 100

254 63.9 52.6 78.8

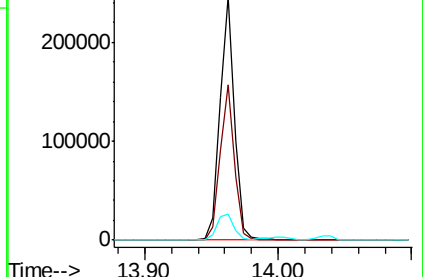
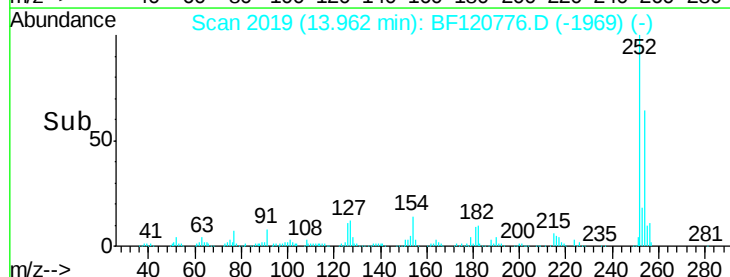
126 10.9 7.8 11.8

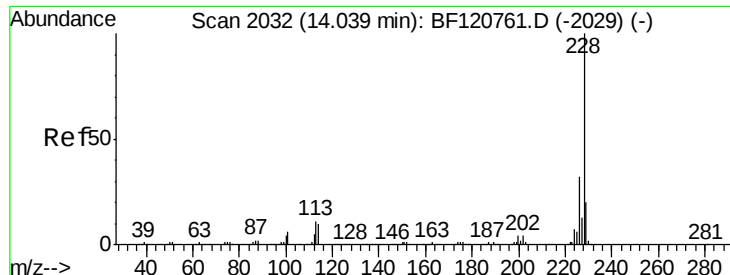


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 40.296 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

Instrument :

BNA_F

ClientSampleId :

PB129957BS

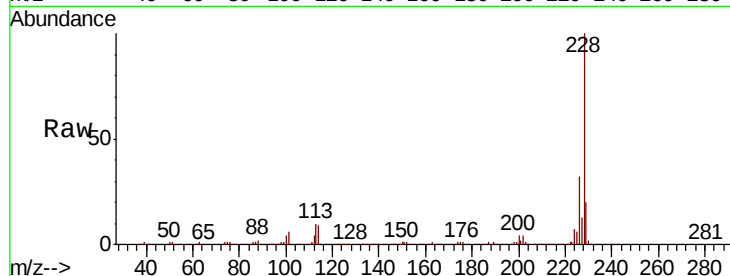
Tot Ion:228 Resp: 884247

Ion Ratio Lower Upper

228 100

226 31.8 25.7 38.5

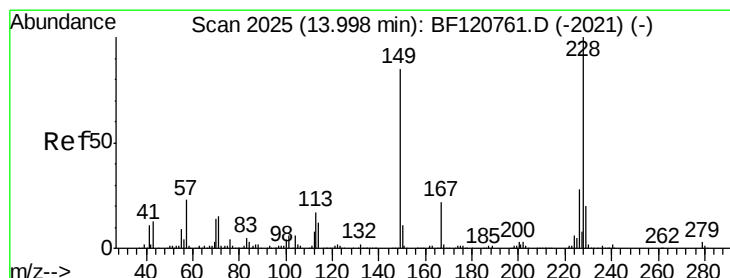
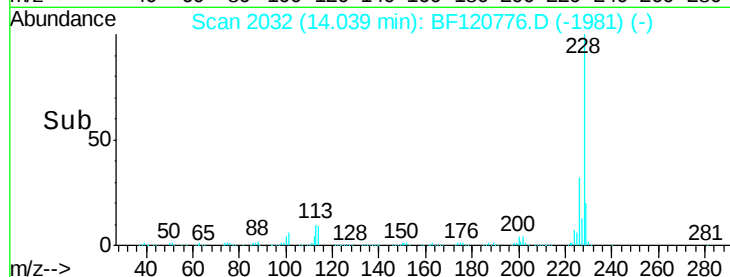
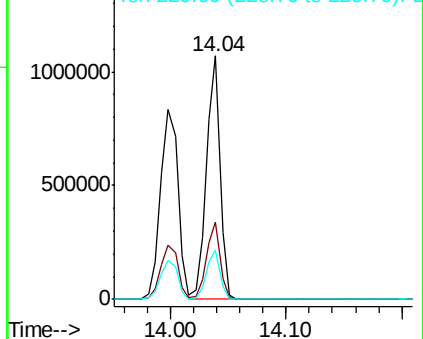
229 20.3 16.3 24.5



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: 40.920 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

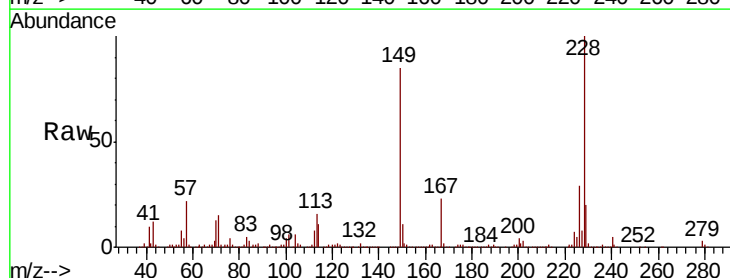
Tgt Ion:149 Resp: 620955

Ion Ratio Lower Upper

149 100

167 27.0 20.9 31.3

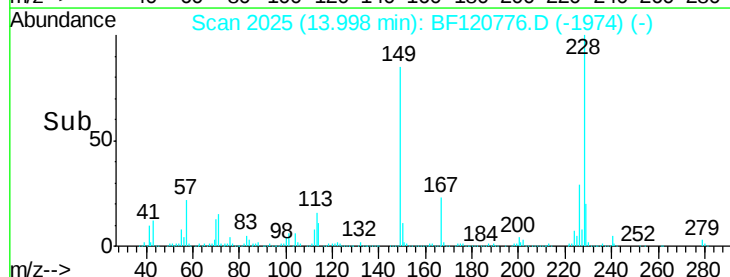
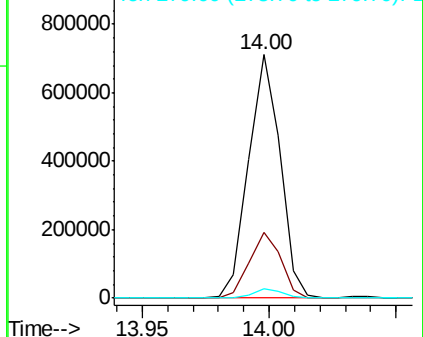
279 3.7 2.6 4.0



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: 38.220 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

Instrument :

BNA_F

ClientSampleId :

PB129957BS

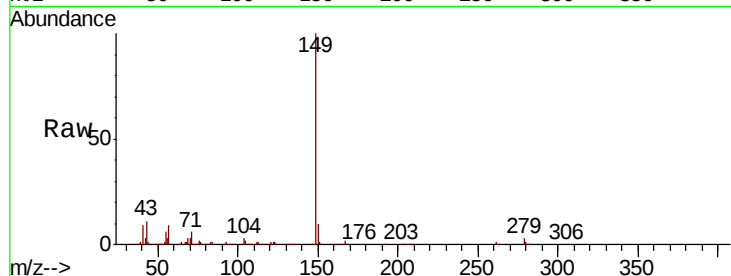
Tot Ion:149 Resp: 1026068

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

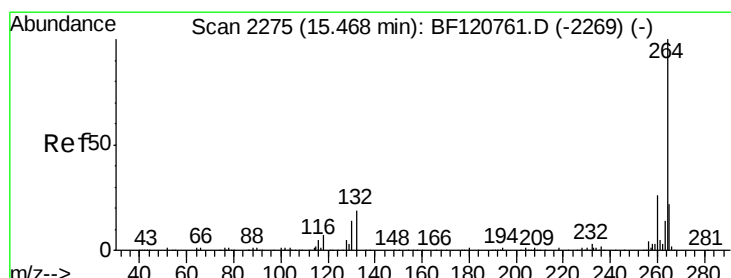
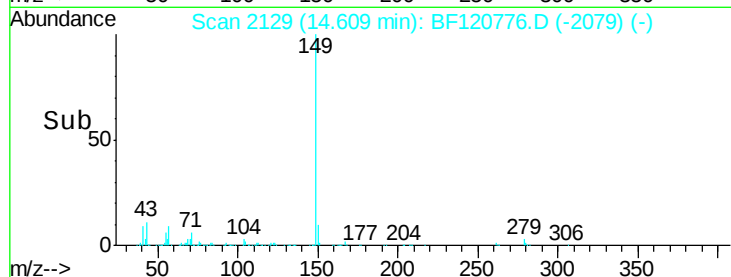
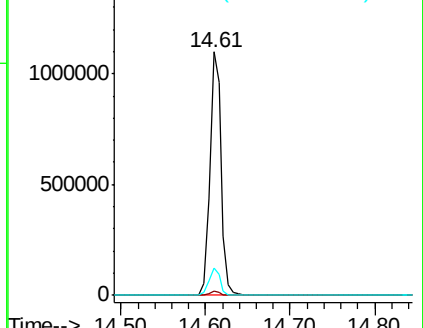
43 11.2 8.7 13.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.00 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

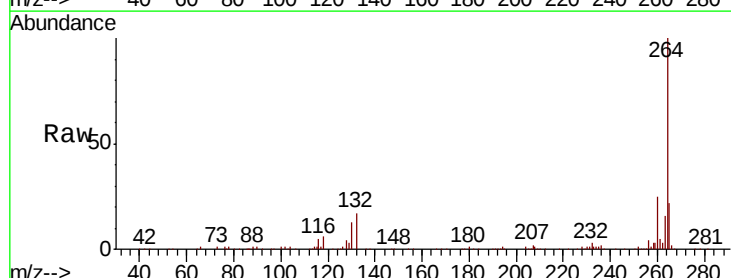
Tgt Ion:264 Resp: 275190

Ion Ratio Lower Upper

264 100

260 24.6 20.6 30.8

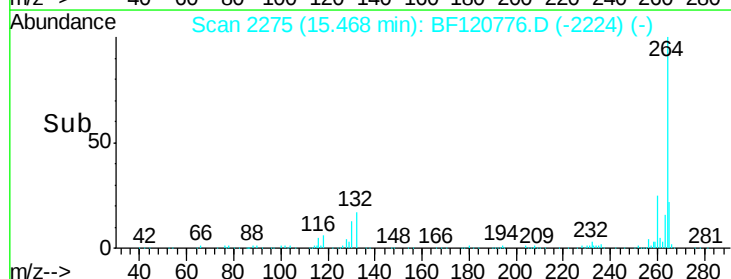
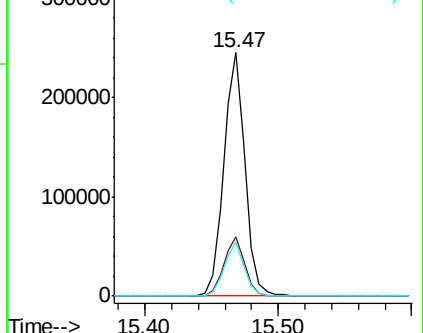
265 22.0 17.6 26.4

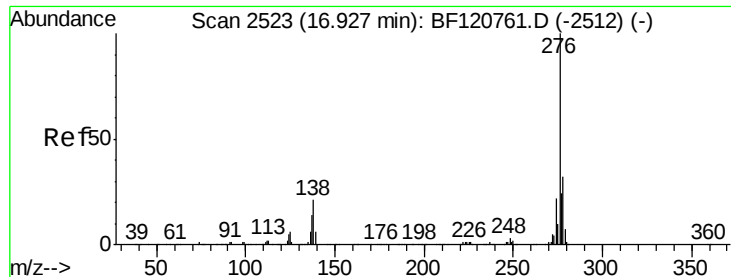


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

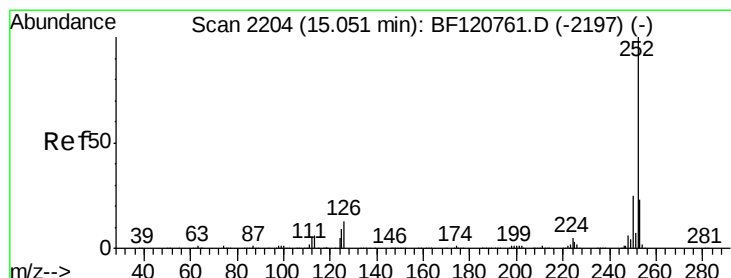
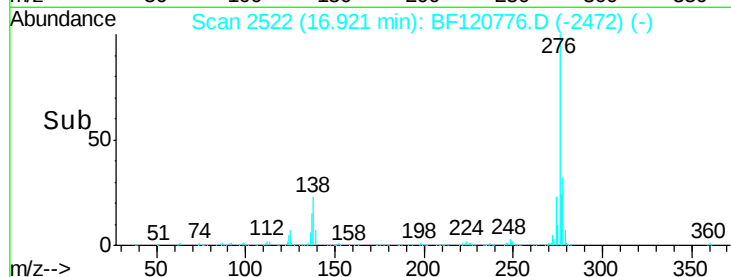
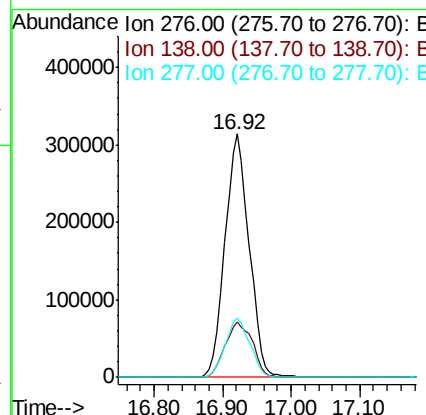
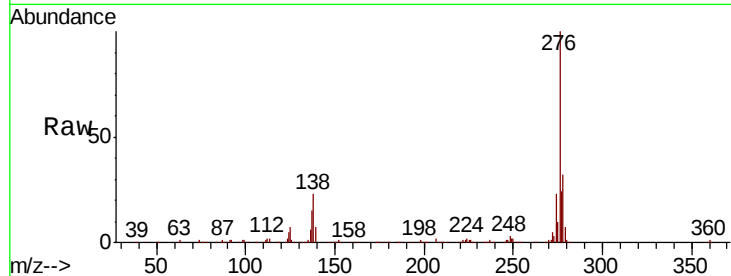




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.370 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BF120776.D
 Acq: 7 Jul 2020 9:48

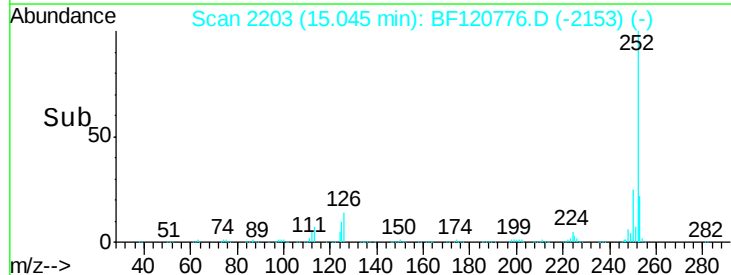
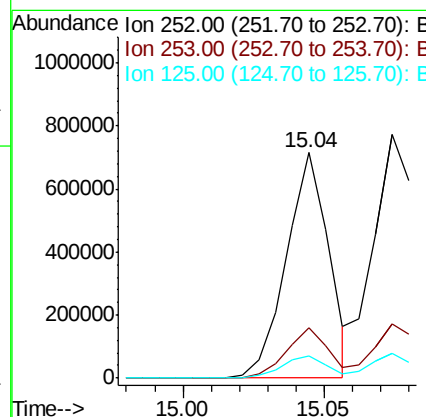
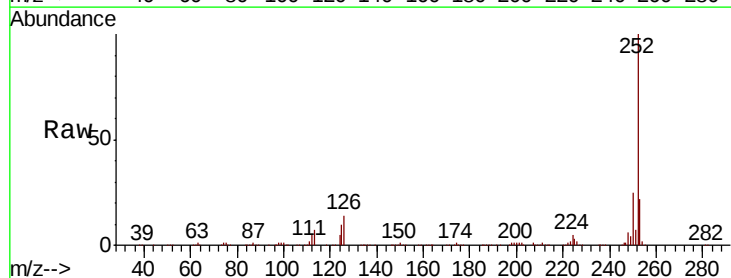
Instrument :
 BNA_F
 ClientSampleId :
 PB129957BS

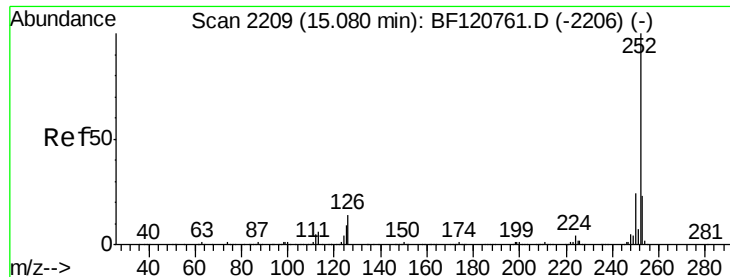
Tot Ion:	276	Resp:	765519
Ion	Ratio	Lower	Upper
276	100		
138	25.9	19.8	29.8
277	24.9	19.9	29.9



#88
 Benzo(b)fluoranthene
 Concen: 41.156 ng
 RT: 15.04 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BF120776.D
 Acq: 7 Jul 2020 9:48

Tgt Ion:	252	Resp:	744584
Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	10.0	7.5	11.3





#89

Benzo(k)fluoranthene

Concen: 44.894 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

Instrument :

BNA_F

ClientSampleId :

PB129957BS

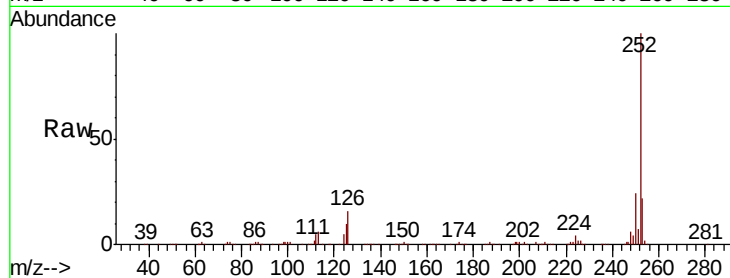
Tot Ion:252 Resp: 790322

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

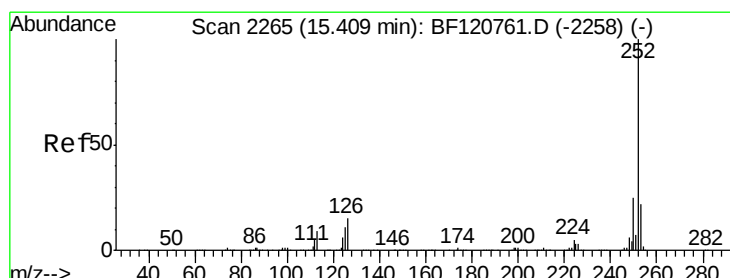
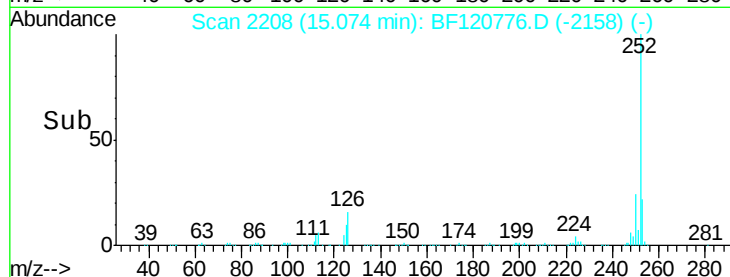
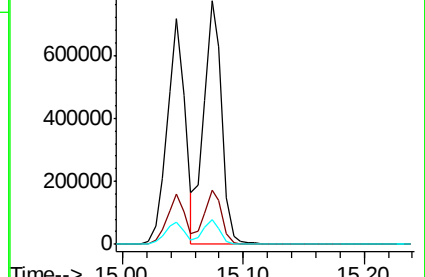
125 10.2 7.6 11.4



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



#90

Benzo(a)pyrene

Concen: 41.334 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.00 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

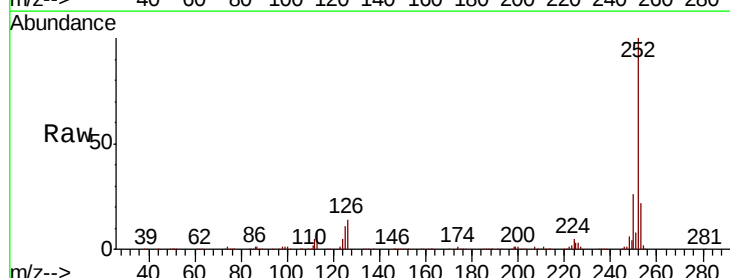
Tgt Ion:252 Resp: 667072

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

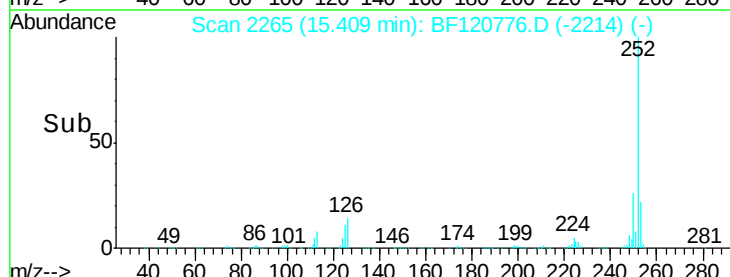
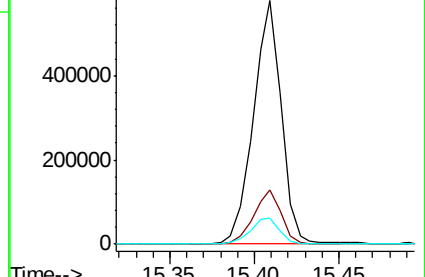
125 10.8 9.2 13.8

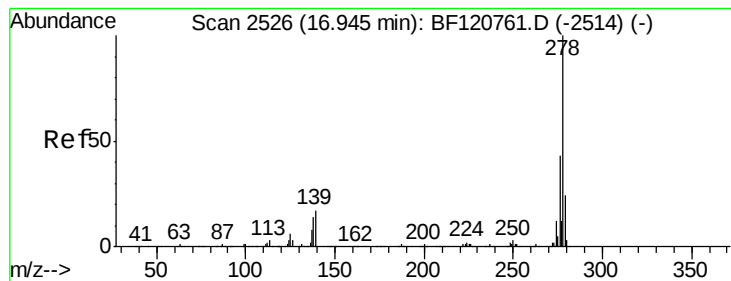


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 44.483 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

Instrument :

BNA_F

ClientSampleId :

PB129957BS

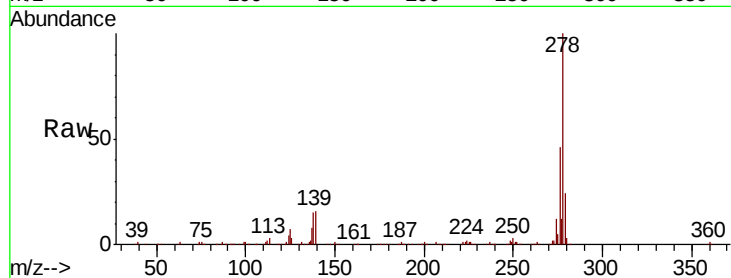
Tot Ion:278 Resp: 654420

Ion Ratio Lower Upper

278 100

139 16.3 13.3 19.9

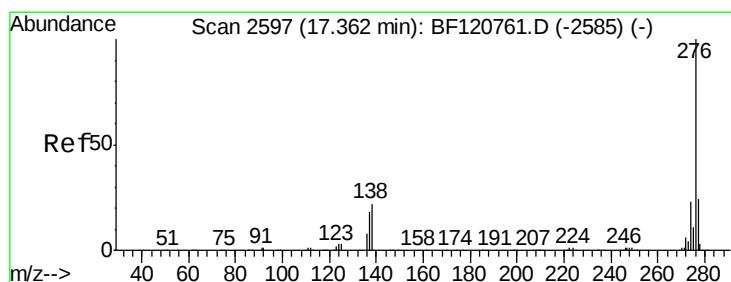
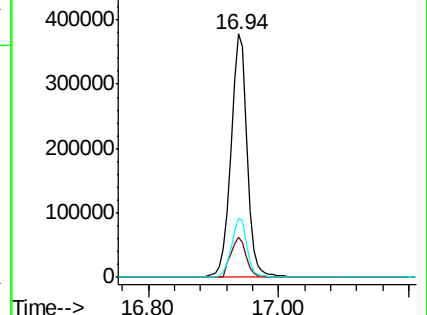
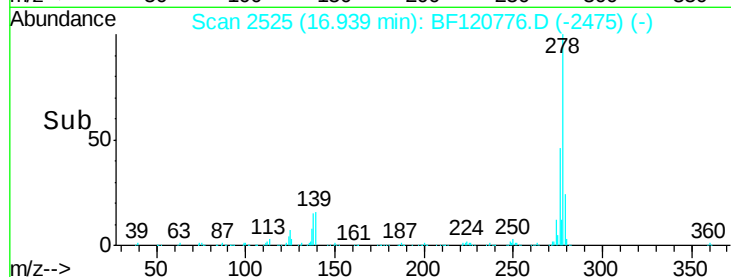
279 24.3 19.0 28.6



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: 44.055 ng

RT: 17.36 min Scan# 2597

Delta R.T. -0.00 min

Lab File: BF120776.D

Acq: 7 Jul 2020 9:48

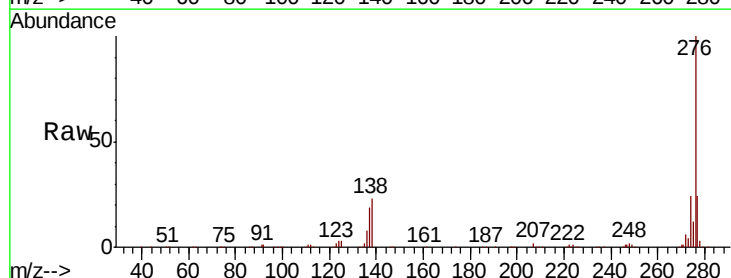
Tgt Ion:276 Resp: 592346

Ion Ratio Lower Upper

276 100

277 24.3 18.8 28.2

138 22.8 17.4 26.2



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

