

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
 Data File : BF120832.D
 Acq On : 10 Jul 2020 15:31
 Operator : JU/CG
 Sample : PB130117BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130117BSD

Quant Time: Jul 10 17:03:15 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	160659	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	607311	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	298530	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	523201	20.00	ng	0.00
76) Chrysene-d12	14.01	240	368375	20.00	ng	0.00
86) Perylene-d12	15.47	264	305630	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1448701	139.19	ng	0.01
7) Phenol-d6	6.48	99	1743665	131.19	ng	0.00
23) Nitrobenzene-d5	7.42	82	1125110	107.34	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	447792	149.31	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1837677	93.13	ng	0.00
79) Terphenyl-d14	12.96	244	1890308	100.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	194389	40.888	ng	99
3) Pyridine	3.40	79	539276	41.412	ng	99
4) n-Nitrosodimethylamine	3.35	42	286444	43.970	ng	98
6) Aniline	6.51	93	657183	38.500	ng	99
8) 2-Chlorophenol	6.63	128	515902	46.558	ng	97
9) Benzaldehyde	6.39	77	163722	20.712	ng	98
10) Phenol	6.49	94	636558	46.557	ng	100
11) bis(2-Chloroethyl)ether	6.59	93	500177	44.956	ng	98
12) 1,3-Dichlorobenzene	6.79	146	540934	44.351	ng	98
13) 1,4-Dichlorobenzene	6.87	146	546936	44.772	ng	99
14) 1,2-Dichlorobenzene	7.02	146	506433	43.574	ng	99
15) Benzyl Alcohol	6.99	79	418097	41.868	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	731013	42.124	ng	99
17) 2-Methylphenol	7.10	107	415380	41.904	ng	98
18) Hexachloroethane	7.36	117	209216	45.567	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	345222	43.138	ng	94
20) 3+4-Methylphenols	7.25	107	488535	40.014	ng	95
22) Acetophenone	7.26	105	662542	43.890	ng	99
24) Nitrobenzene	7.43	77	541635	46.021	ng	96
25) Isophorone	7.67	82	972583	43.024	ng	97
26) 2-Nitrophenol	7.75	139	249375	50.202	ng	93
27) 2,4-Dimethylphenol	7.78	122	430027	47.654	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	619765	46.324	ng	99
29) 2,4-Dichlorophenol	7.99	162	409855	45.496	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	459835	45.446	ng	98
31) Naphthalene	8.16	128	1431315	44.100	ng	100
32) Benzoic acid	7.90	122	278953	44.095	ng	100
33) 4-Chloroaniline	8.20	127	337057	24.473	ng	97
34) Hexachlorobutadiene	8.27	225	270990	44.531	ng	99
35) Caprolactam	8.57	113	71550	27.258	ng	98
36) 4-Chloro-3-methylphenol	8.68	107	421370	44.966	ng	94
37) 2-Methylnaphthalene	8.85	142	944084	44.746	ng	99
38) 1-Methylnaphthalene	8.95	142	900353	45.557	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	398710	44.191	ng	99

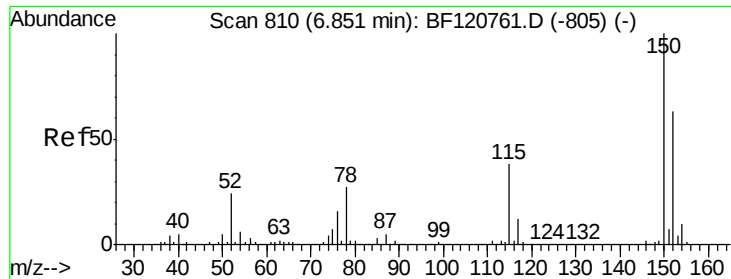
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	505709	94.867	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	285254	46.399	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	302175	44.289	nq	97
46) 1,1'-Biphenyl	9.31	154	1094149	45.437	nq	99
47) 2-Chloronaphthalene	9.33	162	870187	45.107	nq	99
48) 2-Nitroaniline	9.43	65	272059	47.147	nq	96
49) Acenaphthylene	9.75	152	1350977	44.667	nq	100
50) Dimethylphthalate	9.61	163	979178	44.964	nq	100
51) 2,6-Dinitrotoluene	9.67	165	212655	49.081	nq	93
52) Acenaphthene	9.92	154	915782	48.807	nq	99
53) 3-Nitroaniline	9.83	138	151662	29.447	nq	99
54) 2,4-Dinitrophenol	9.94	184	182326	103.853	nq	93
55) Dibenzofuran	10.09	168	1215833	44.953	nq	100
56) 4-Nitrophenol	10.00	139	376622	93.929	nq	91
57) 2,4-Dinitrotoluene	10.07	165	280943	51.849	nq	# 83
58) Fluorene	10.44	166	879196	43.673	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	241675	47.600	nq	99
60) Diethylphthalate	10.31	149	1006121	44.351	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	430589	42.547	nq	98
62) 4-Nitroaniline	10.46	138	228342	49.350	nq	91
63) Azobenzene	10.59	77	1014964	43.737	nq	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	122039	54.378	nq	# 74
66) n-Nitrosodiphenylamine	10.55	169	830014	47.331	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	279521	46.056	nq	97
68) Hexachlorobenzene	10.98	284	307597	48.298	nq	95
69) Atrazine	11.07	200	232556	51.476	nq	98
70) Pentachlorophenol	11.17	266	352794	97.910	nq	99
71) Phenanthrene	11.40	178	1292835	45.541	nq	100
72) Anthracene	11.45	178	1327395	46.272	nq	100
73) Carbazole	11.60	167	1222298	44.339	nq	100
74) Di-n-butylphthalate	11.94	149	1507563	44.172	nq	100
75) Fluoranthene	12.58	202	1362431	45.052	nq	99
77) Benzidine	12.70	184	614063	59.058	nq	99
78) Pyrene	12.81	202	1375819	46.764	nq	100
80) Butylbenzylphthalate	13.43	149	574845	45.257	nq	99
81) Benzo(a)anthracene	14.00	228	1046807	44.331	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	258826	32.480	nq	98
83) Chrysene	14.04	228	1097276	45.556	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	729693	43.808	nq	# 98
85) Di-n-octyl phthalate	14.61	149	1264309	42.906	nq	99
87) Indeno(1,2,3-cd)pyrene	16.92	276	972841	49.626	nq	100
88) Benzo(b)fluoranthene	15.04	252	934196	46.494	nq	99
89) Benzo(k)fluoranthene	15.07	252	998653	51.078	nq	99
90) Benzo(a)pyrene	15.41	252	856314	47.775	nq	99
91) Dibenzo(a,h)anthracene	16.94	278	831818	50.910	nq	99
92) Benzo(g,h,i)perylene	17.36	276	754396	50.520	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF120832.D

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PB130117BSD

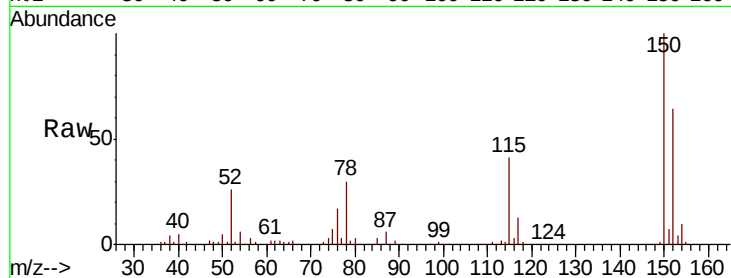
Tot Ion:152 Resp: 160659

Ion Ratio Lower Upper

152 100

150 156.5 126.1 189.1

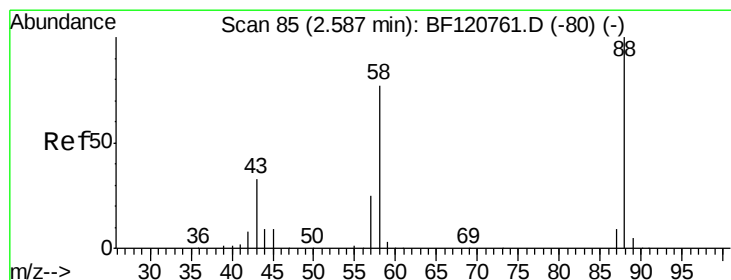
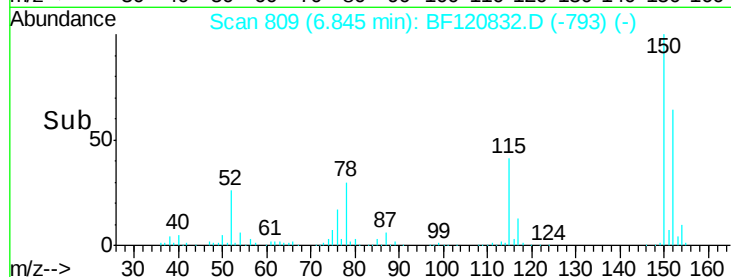
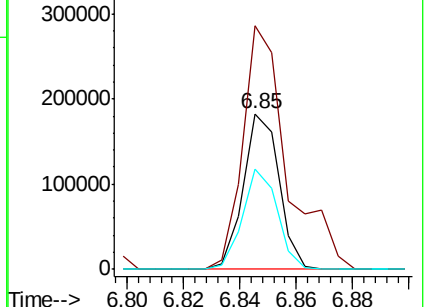
115 64.5 48.5 72.7



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: 40.888 ng

RT: 2.65 min Scan# 96

Delta R.T. 0.06 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

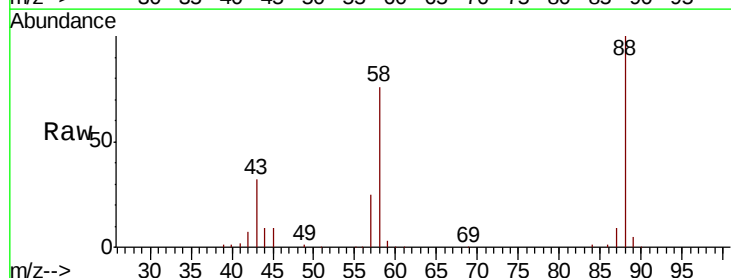
Tgt Ion: 88 Resp: 194389

Ion Ratio Lower Upper

88 100

58 75.8 60.4 90.6

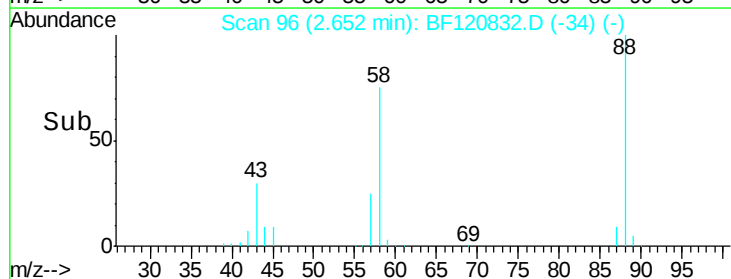
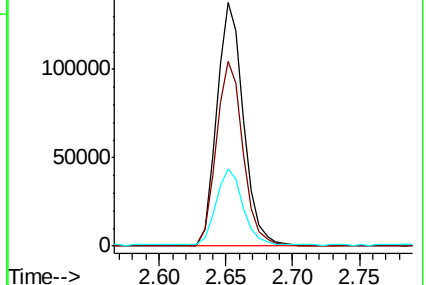
43 31.9 26.3 39.5

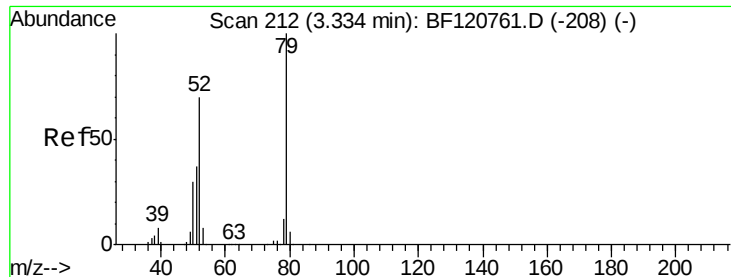


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

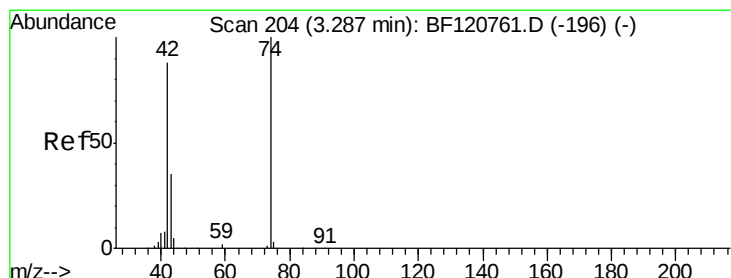
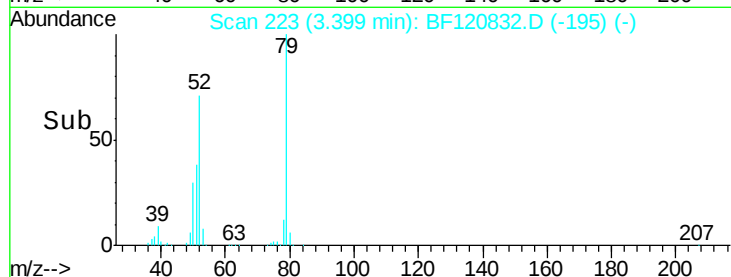
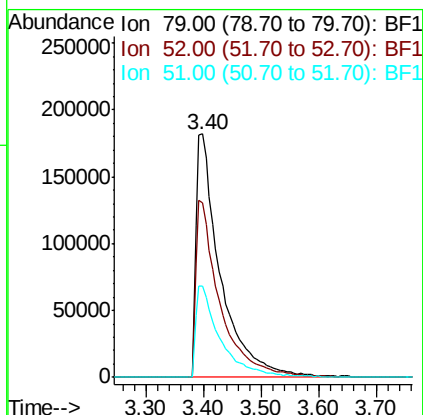
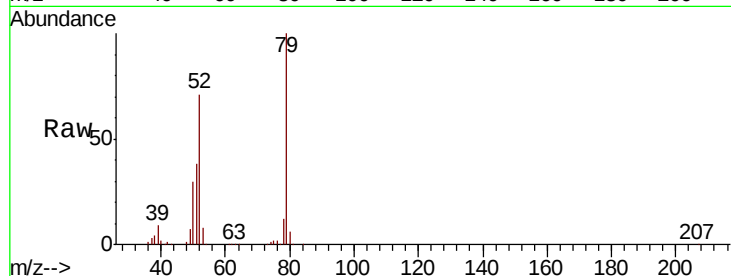




#3
 Pvridine
 Concen: 41.412 ng
 RT: 3.40 min Scan# 223
 Delta R.T. 0.06 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

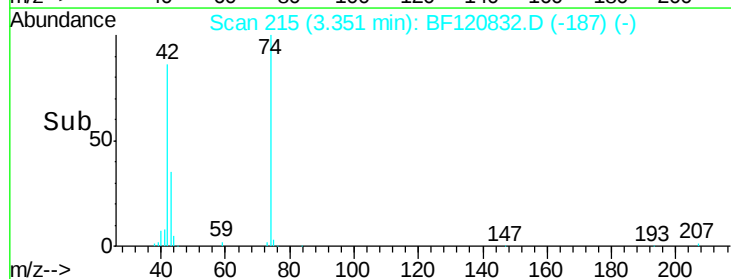
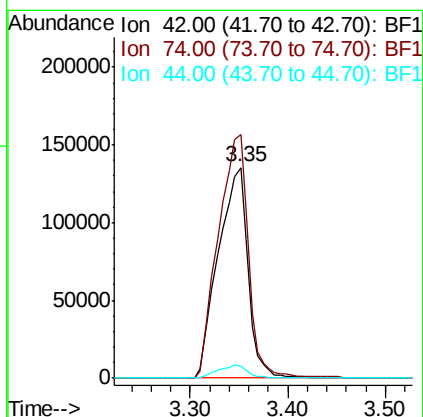
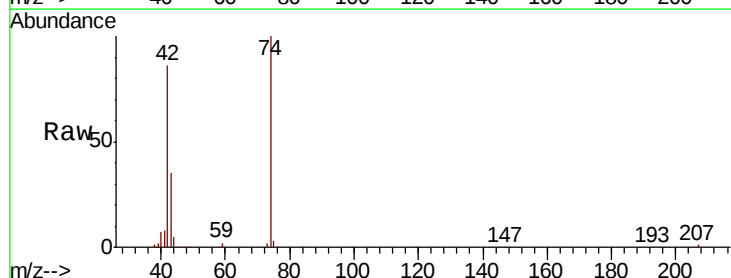
Instrument :
 BNA_F
 ClientSampleId :
 PB130117BSD

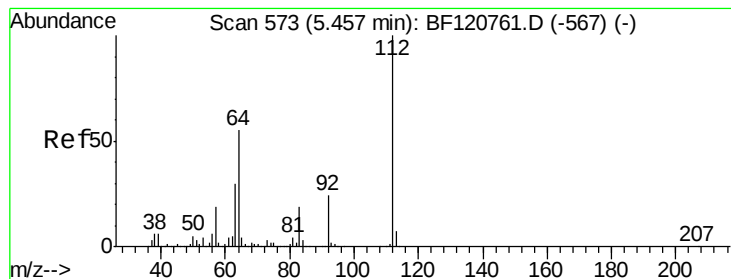
Tot Ion: 79 Resp: 539276
 Ion Ratio Lower Upper
 79 100
 52 71.4 56.3 84.5
 51 37.7 30.1 45.1



#4
 n-Nitrosodimethylamine
 Concen: 43.970 ng
 RT: 3.35 min Scan# 215
 Delta R.T. 0.06 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Tgt Ion: 42 Resp: 286444
 Ion Ratio Lower Upper
 42 100
 74 115.7 90.8 136.2
 44 5.9 5.8 8.8





#5

2-Fluorophenol

Concen: 139.195 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB130117BSD

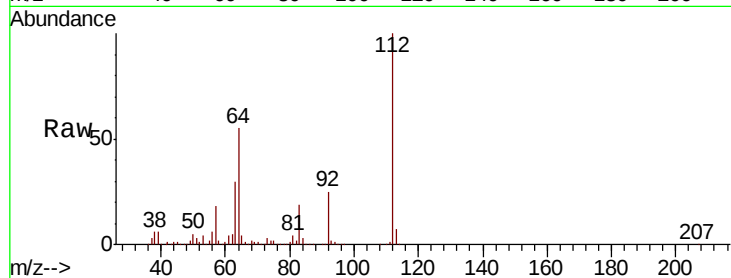
Tot Ion:112 Resp: 1448701

Ion Ratio Lower Upper

112 100

64 55.1 43.8 65.6

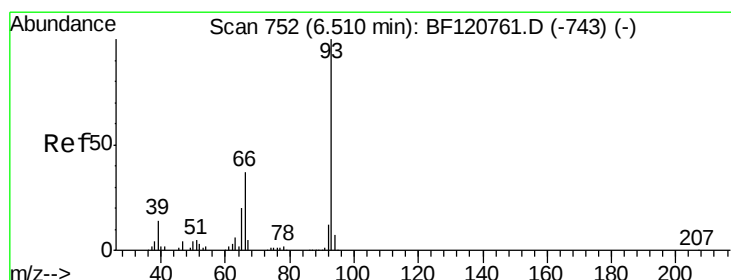
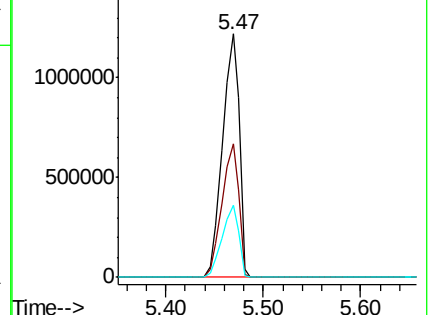
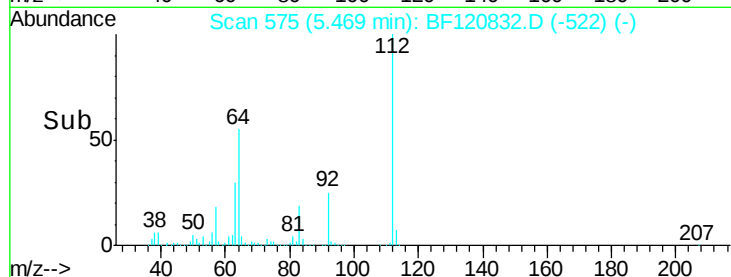
63 29.7 23.6 35.4



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: 38.500 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

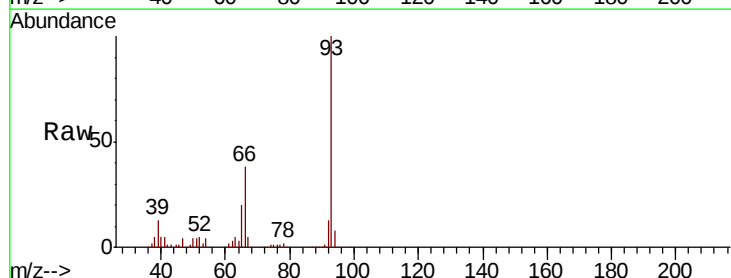
Tgt Ion: 93 Resp: 657183

Ion Ratio Lower Upper

93 100

66 38.0 31.3 46.9

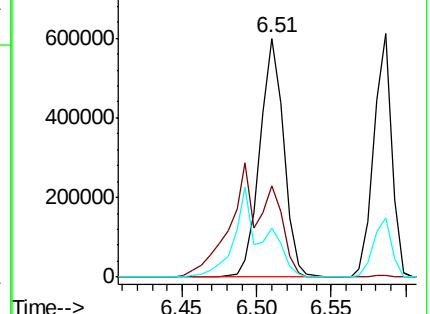
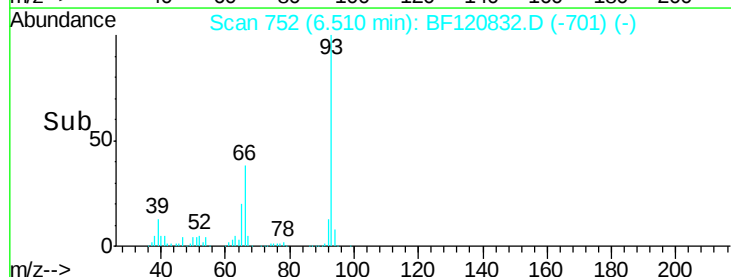
65 20.3 16.5 24.7

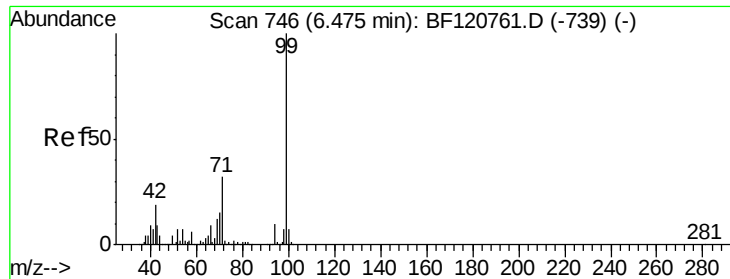


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 131.190 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB130117BSD

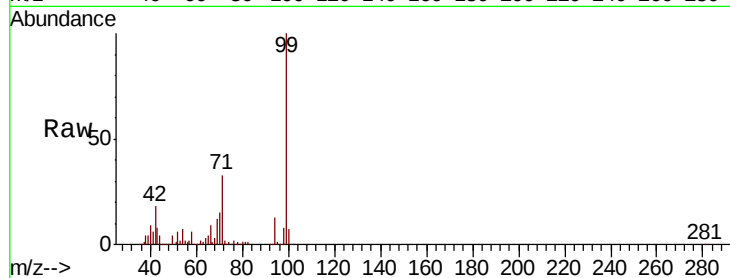
Tot Ion: 99 Resp: 1743665

Ion Ratio Lower Upper

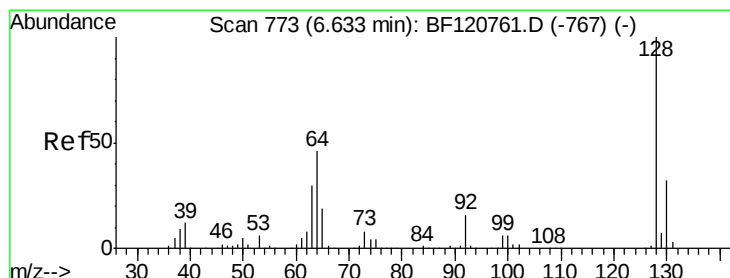
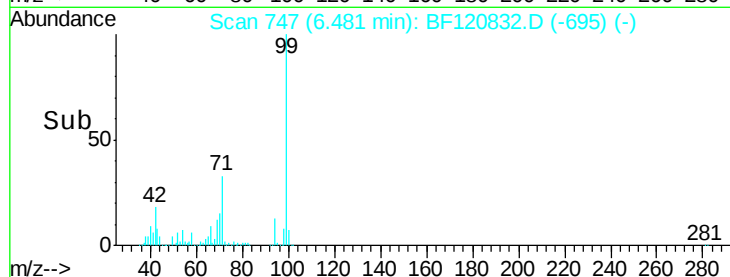
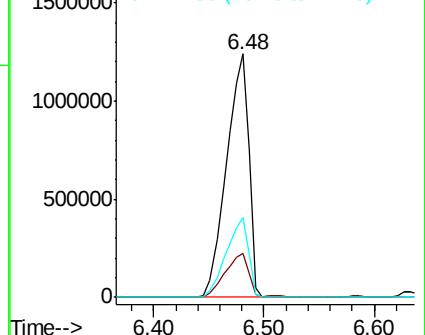
99 100

42 18.0 15.4 23.0

71 32.6 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: 46.558 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

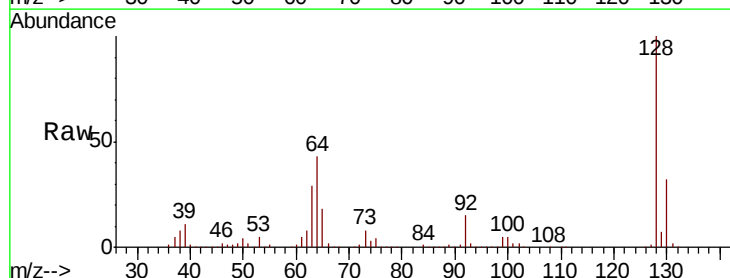
Tgt Ion: 128 Resp: 515902

Ion Ratio Lower Upper

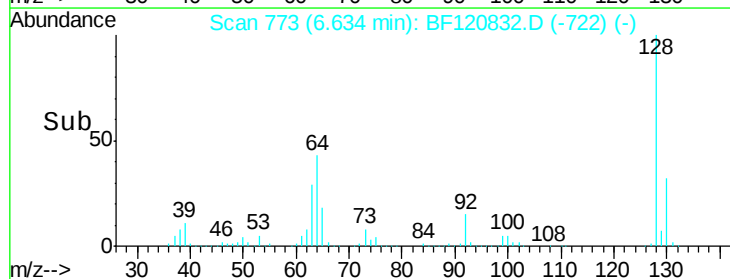
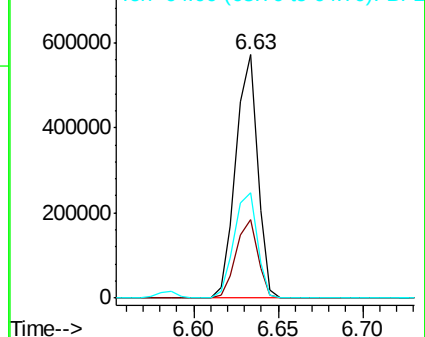
128 100

130 32.4 12.1 52.1

64 43.4 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: 20.712 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Instrument :

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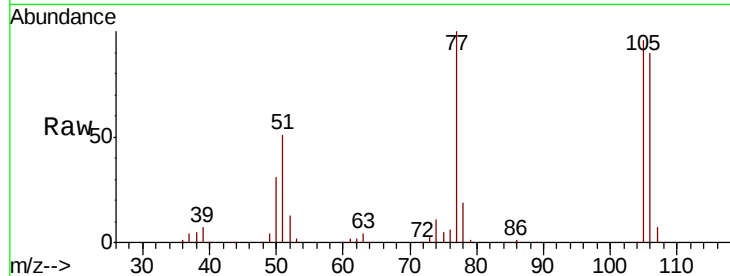
Tot Ion: 77 Resp: 163722

Ion Ratio Lower Upper

77 100

105 95.5 76.8 116.8

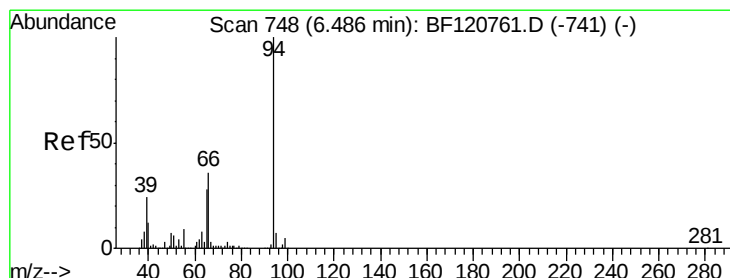
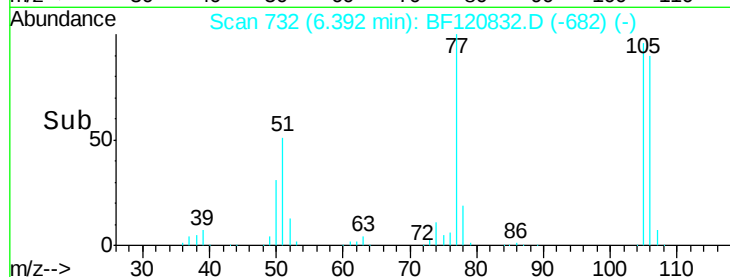
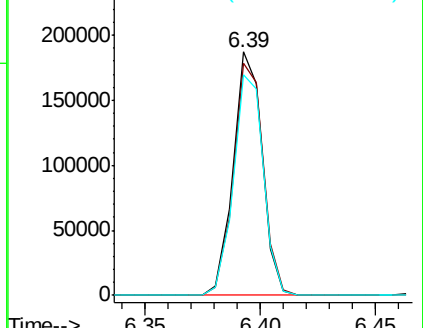
106 90.4 73.8 113.8



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: 46.557 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

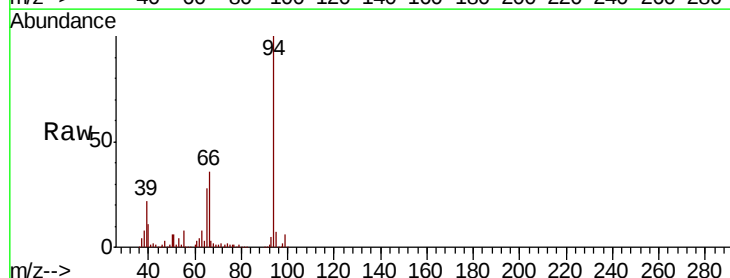
Tgt Ion: 94 Resp: 636558

Ion Ratio Lower Upper

94 100

65 28.4 8.4 48.4

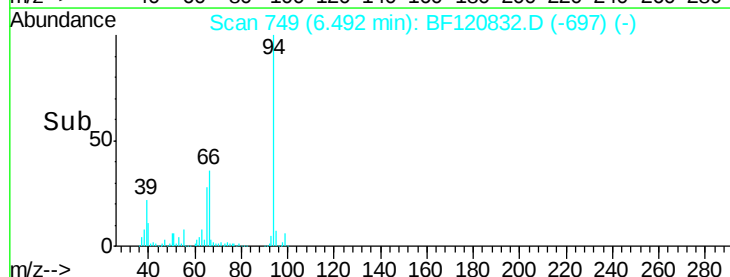
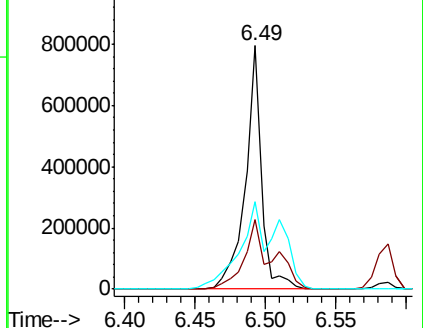
66 36.1 16.5 56.5

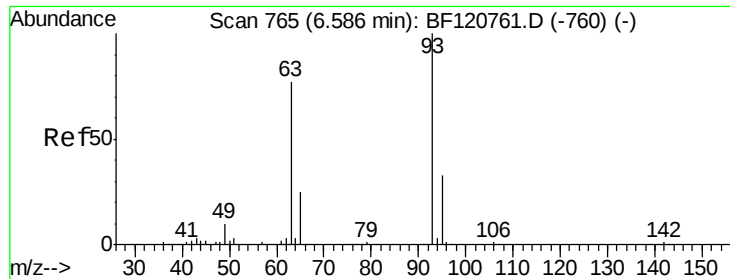


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 44.956 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB130117BSD

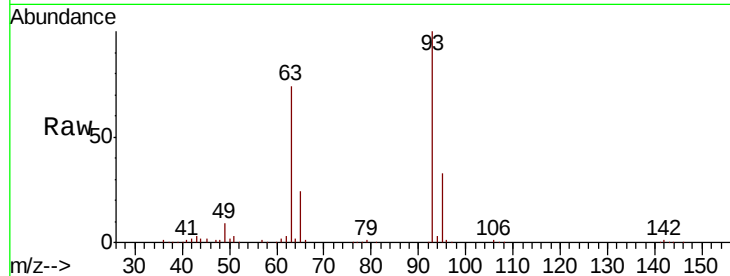
Tot Ion: 93 Resp: 500177

Ion Ratio Lower Upper

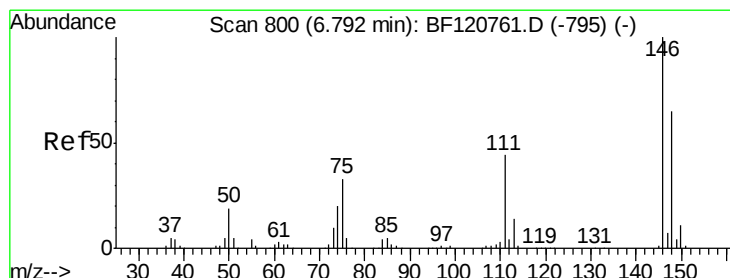
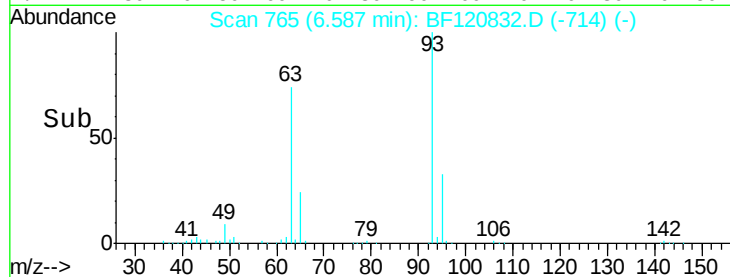
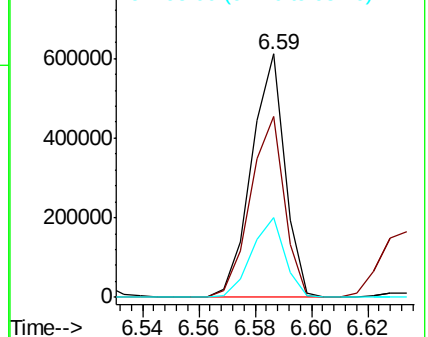
93 100

63 74.5 56.9 96.9

95 32.9 13.3 53.3



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



#12

1,3-Dichlorobenzene

Concen: 44.351 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

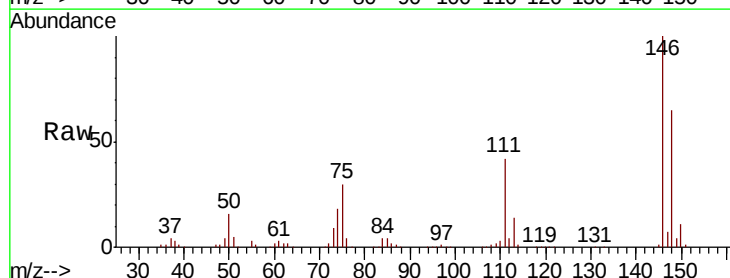
Tgt Ion: 146 Resp: 540934

Ion Ratio Lower Upper

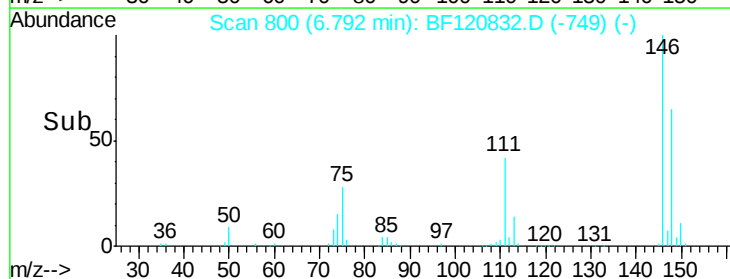
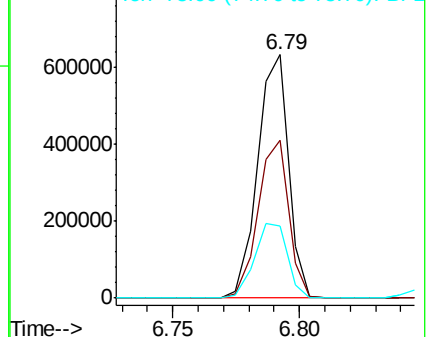
146 100

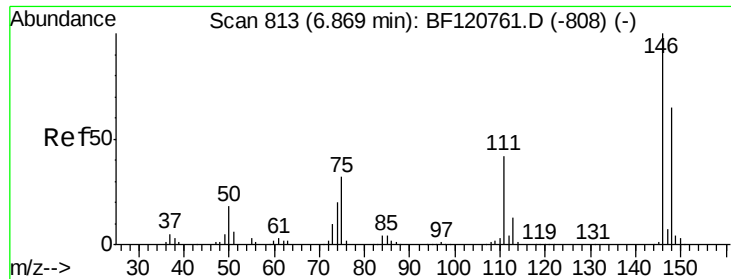
148 64.7 52.1 78.1

75 29.8 26.0 39.0



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

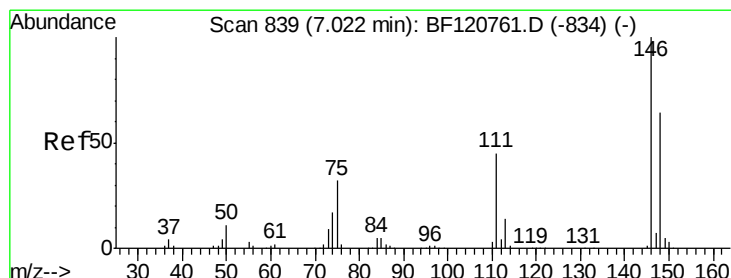
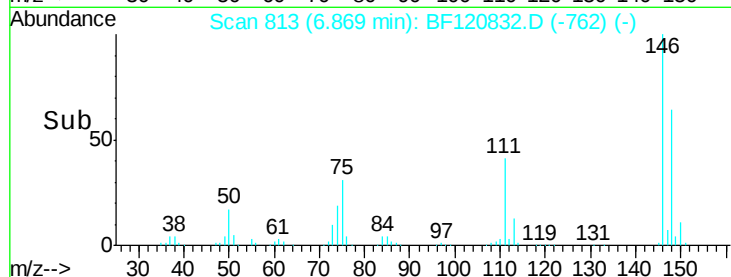
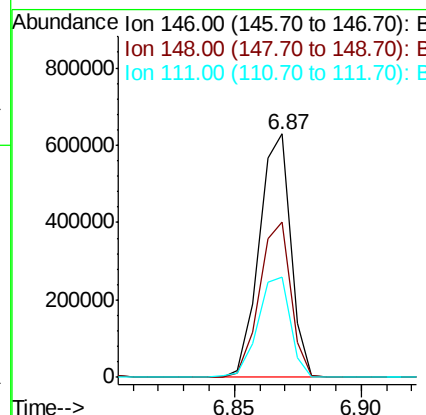
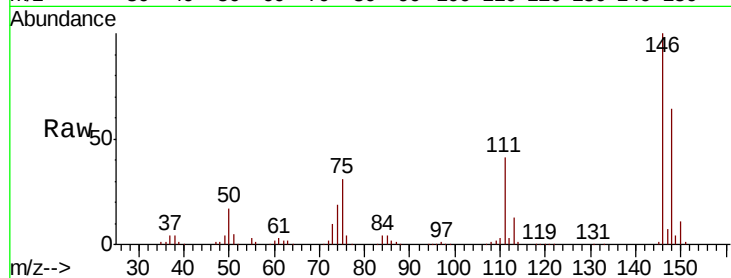




#13
 1,4-Dichlorobenzene
 Concen: 44.772 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

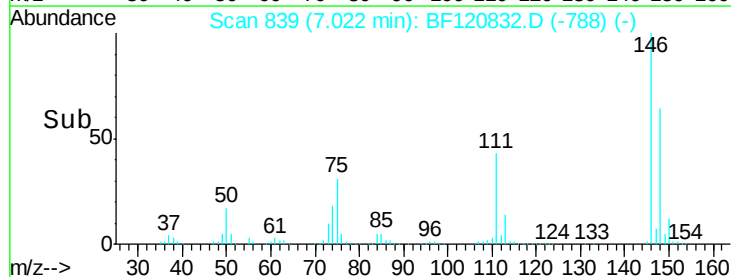
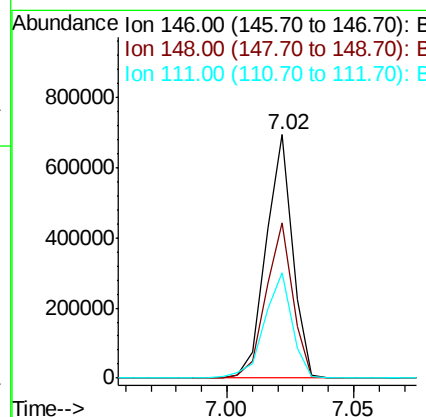
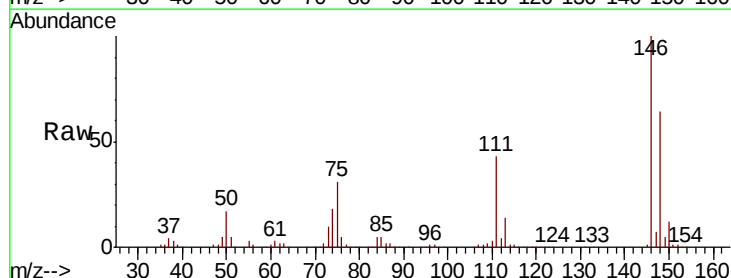
Instrument :
 BNA_F
 ClientSampleId :
 PB130117BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.6
111	41.0	33.7	50.5



#14
 1,2-Dichlorobenzene
 Concen: 43.574 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.0	76.4
111	43.5	35.7	53.5





#15

Benzyl Alcohol

Concen: 41.868 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB130117BSD

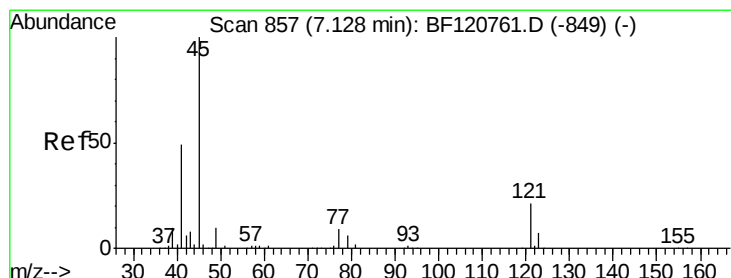
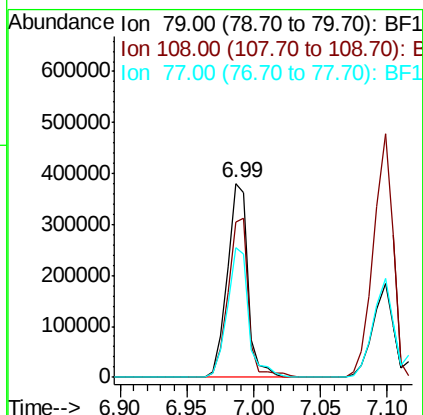
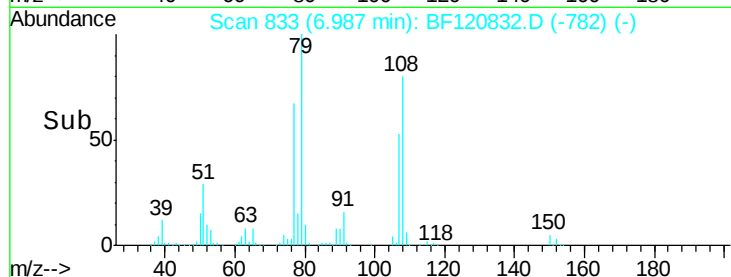
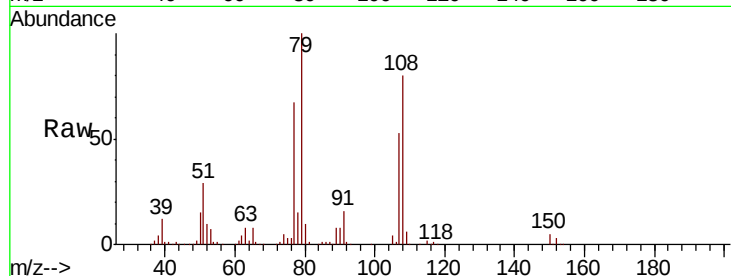
Tot Ion: 79 Resp: 418097

Ion Ratio Lower Upper

79 100

108 79.8 62.4 93.6

77 67.1 52.7 79.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.124 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

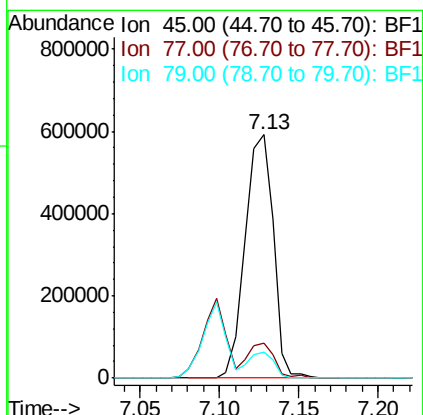
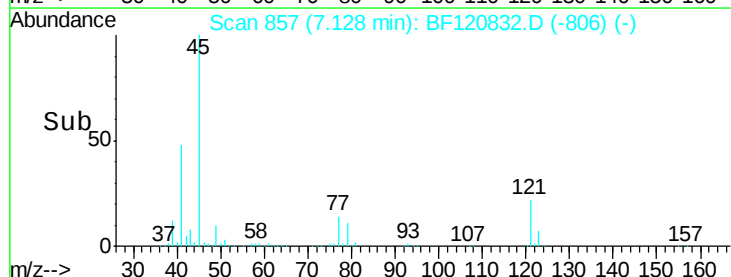
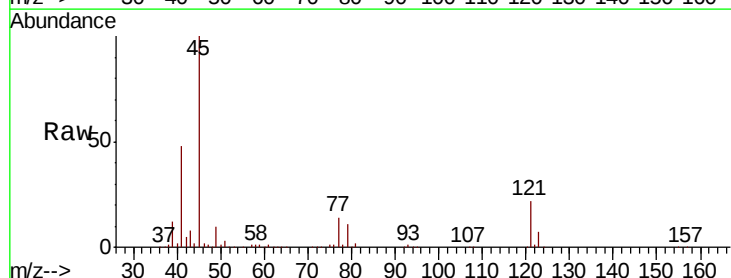
Tgt Ion: 45 Resp: 731013

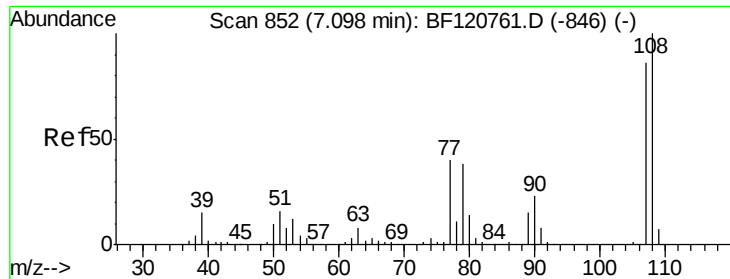
Ion Ratio Lower Upper

45 100

77 14.2 0.0 33.7

79 10.9 0.0 30.5

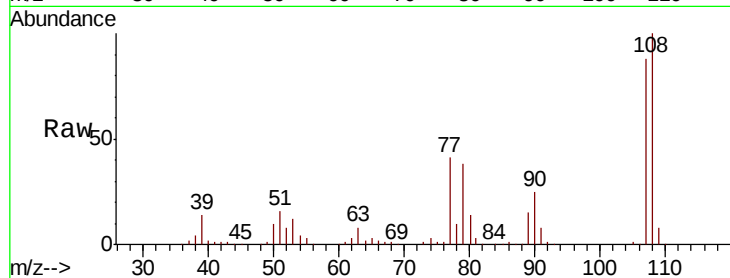




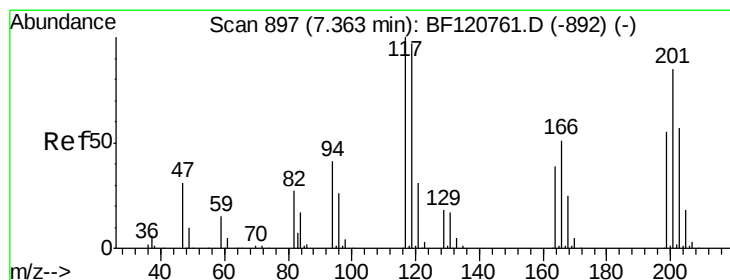
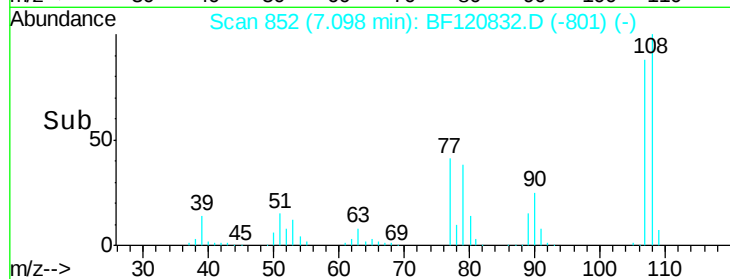
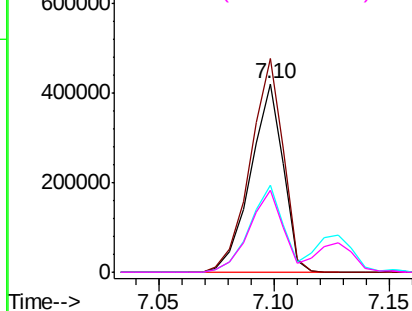
#17
2-Methylphenol
Concen: 41.904 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB130117BSD

Tot Ion:107 Resp: 415380
Ion Ratio Lower Upper
107 100
108 113.4 93.1 139.7
77 46.0 37.3 55.9
79 43.6 35.3 52.9

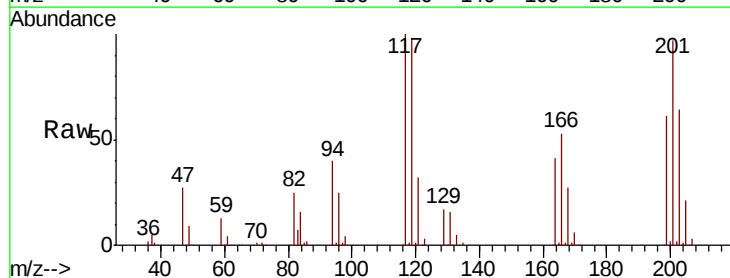


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

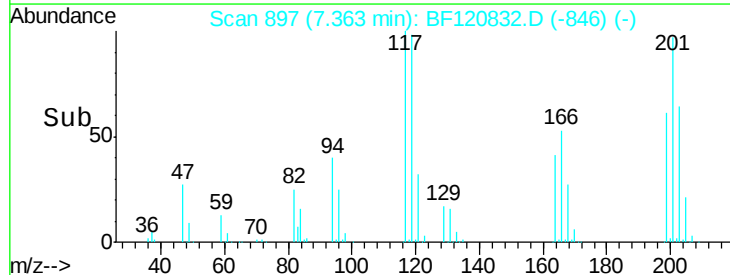
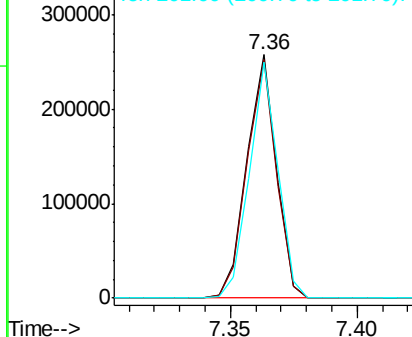


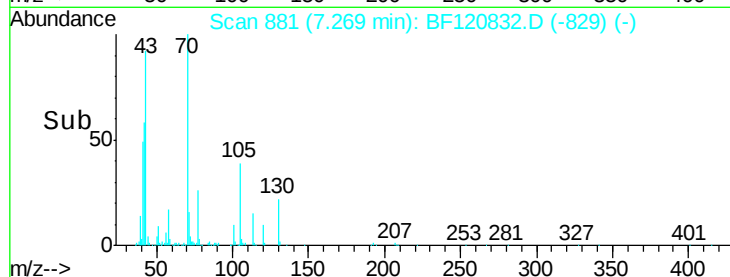
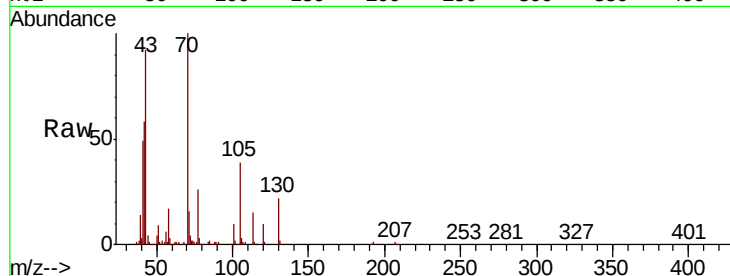
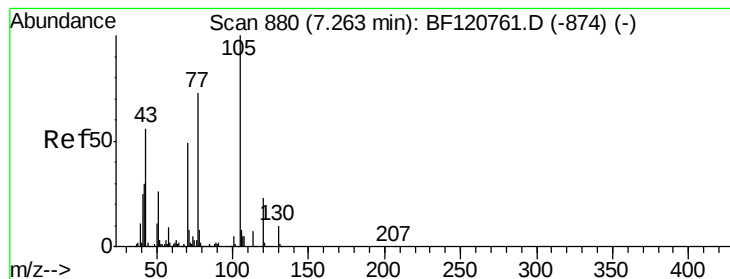
#18
Hexachloroethane
Concen: 45.567 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Tgt Ion:117 Resp: 209216
Ion Ratio Lower Upper
117 100
119 97.8 77.9 116.9
201 96.8 68.3 102.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 43.138 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB130117BSD

Tot Ion: 70 Resp: 345222

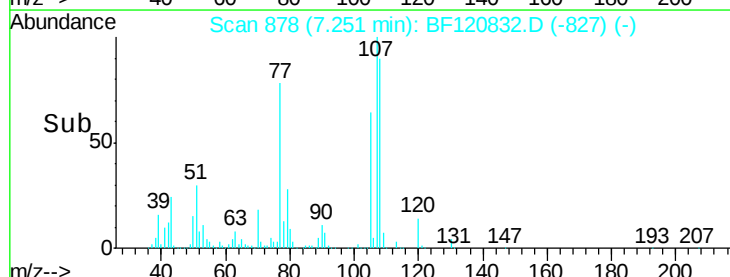
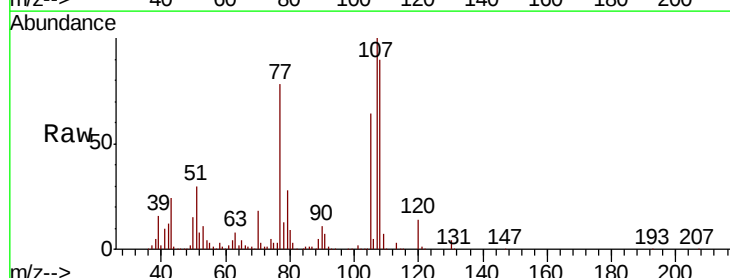
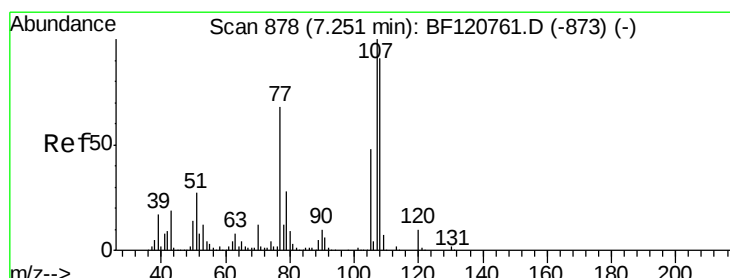
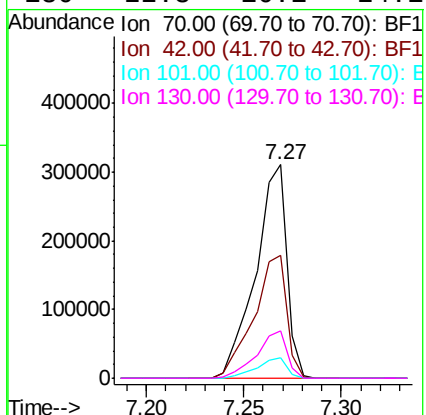
Ion Ratio Lower Upper

70 100

42 57.5 50.3 75.5

101 9.7 7.5 11.3

130 22.3 16.1 24.1



#20

3+4-Methylphenols

Concen: 40.014 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Tgt Ion: 107 Resp: 488535

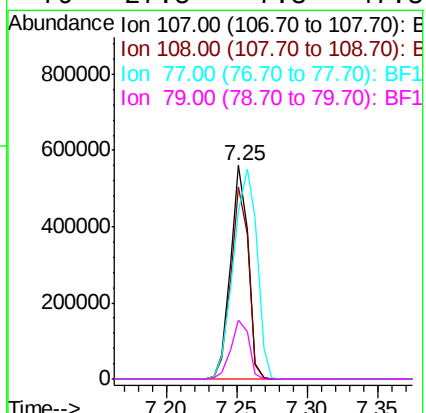
Ion Ratio Lower Upper

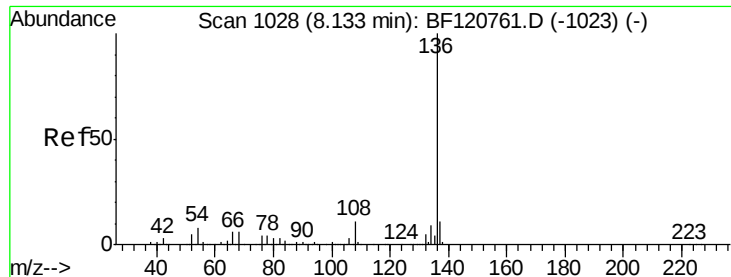
107 100

108 89.9 70.9 110.9

77 78.4 48.3 88.3

79 27.5 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: BF120832.D

Acq: 10 Jul 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB130117BSD

Tot Ion:136 Resp: 607311

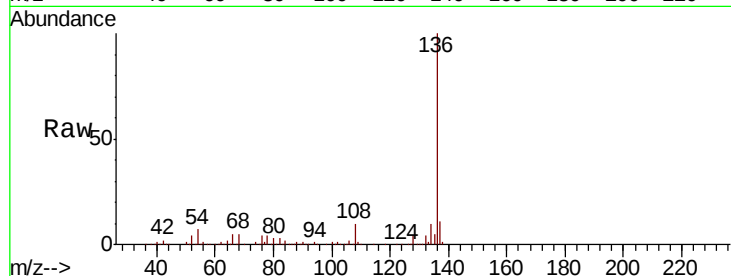
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 7.2 6.2 9.4

68 5.3 4.7 7.1

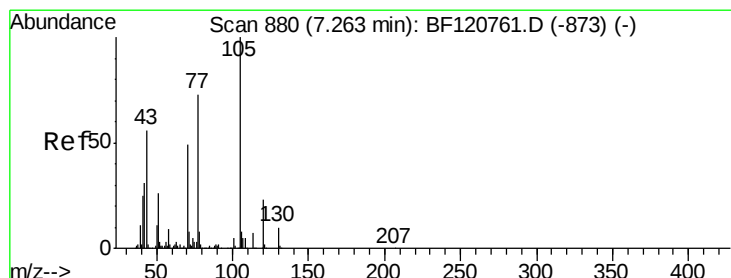
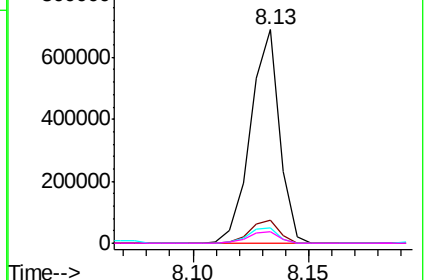
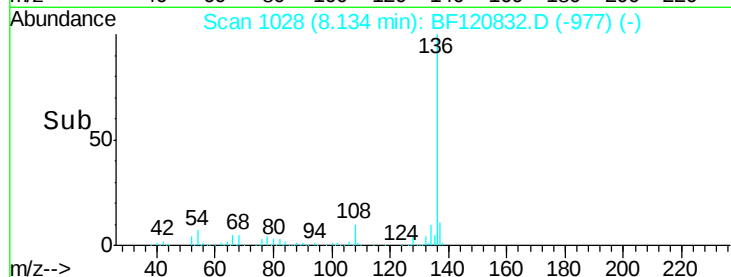


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 43.890 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Tgt Ion:105 Resp: 662542

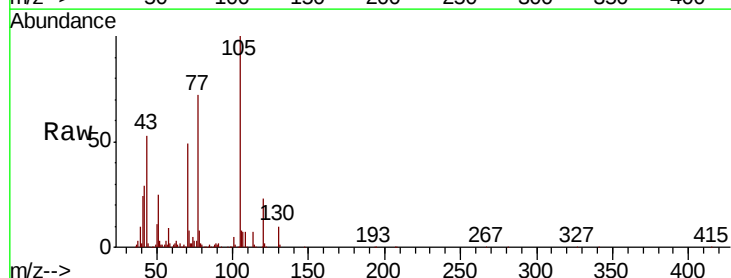
Ion Ratio Lower Upper

105 100

71 8.2 6.5 9.7

51 25.1 21.0 31.4

120 23.0 18.6 28.0

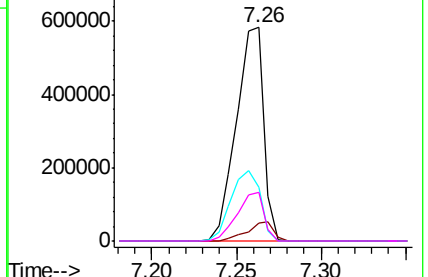
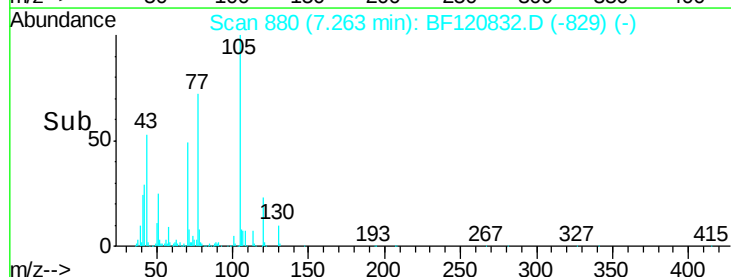


Abundance Ion 105.00 (104.70 to 105.70): E

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

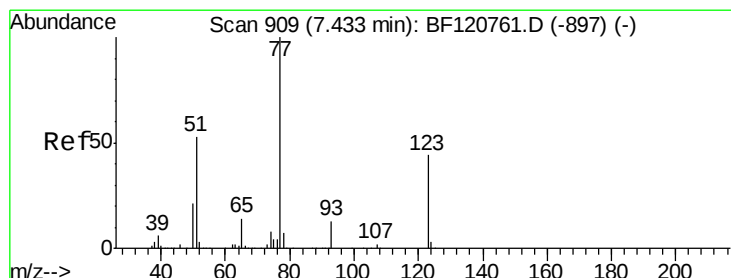
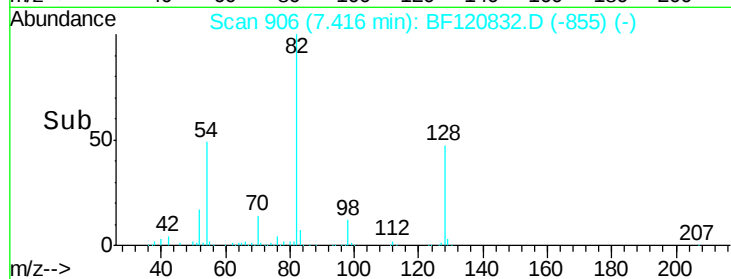
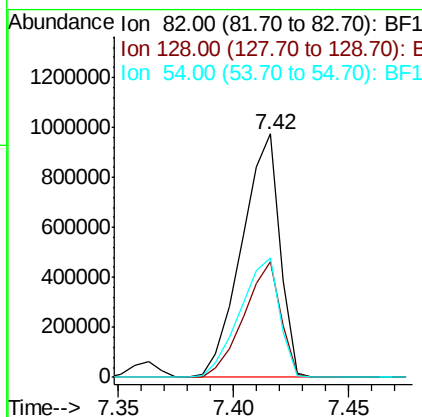
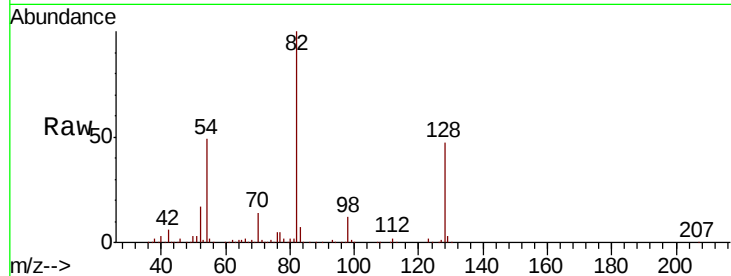




#23
 Nitrobenzene-d5
 Concen: 107.336 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

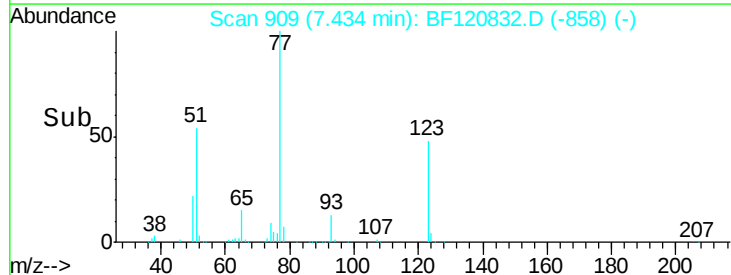
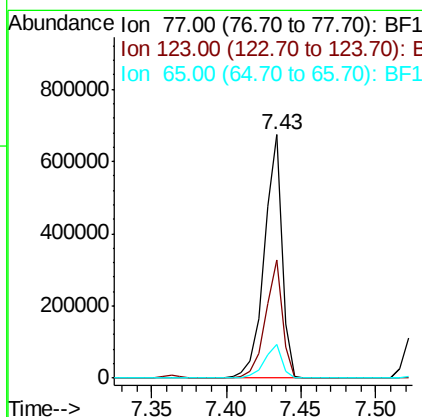
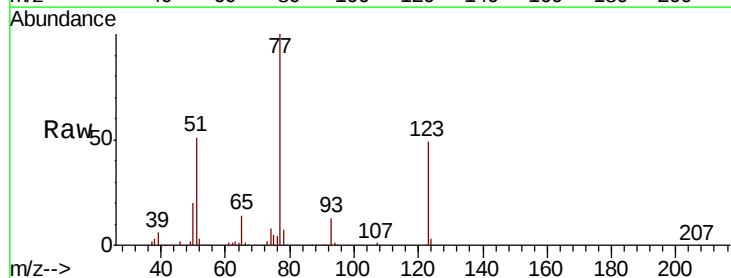
Instrument :
 BNA_F
 ClientSampleId :
 PB130117BSD

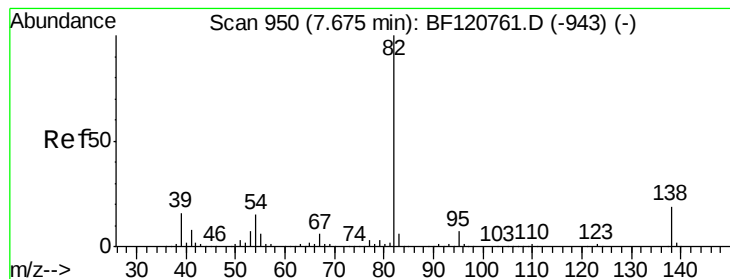
Tot Ion: 82 Resp: 1125110
 Ion Ratio Lower Upper
 82 100
 128 47.3 35.7 53.5
 54 49.2 40.9 61.3



#24
 Nitrobenzene
 Concen: 46.021 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Tgt Ion: 77 Resp: 541635
 Ion Ratio Lower Upper
 77 100
 123 48.6 36.1 54.1
 65 13.8 11.0 16.4





#25

Isophorone

Concen: 43.024 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB130117BSD

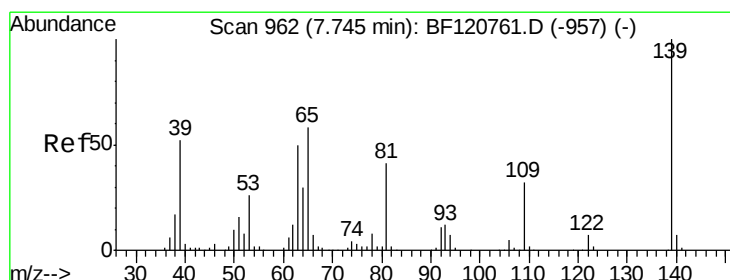
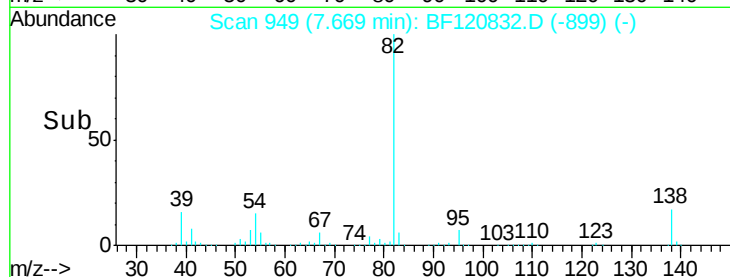
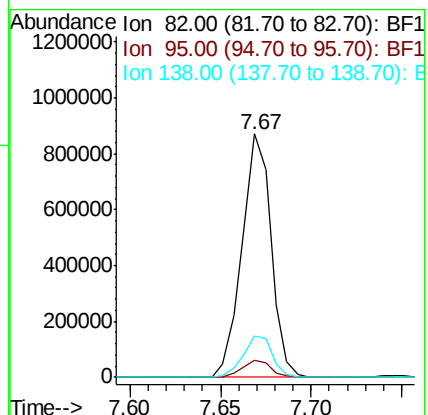
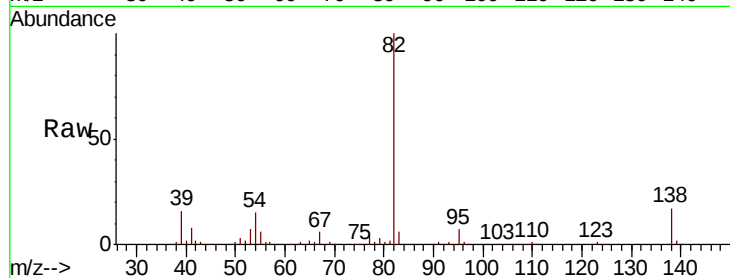
Tot Ion: 82 Resp: 972583

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

138 17.2 15.0 22.4



#26

2-Nitrophenol

Concen: 50.202 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

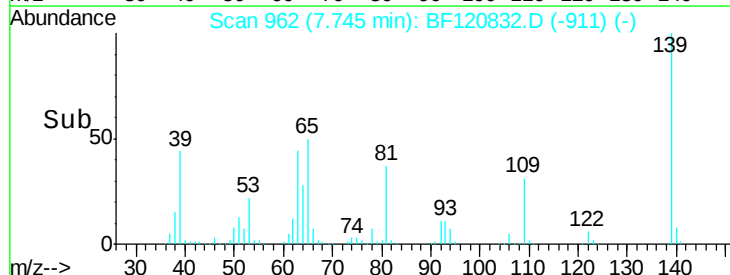
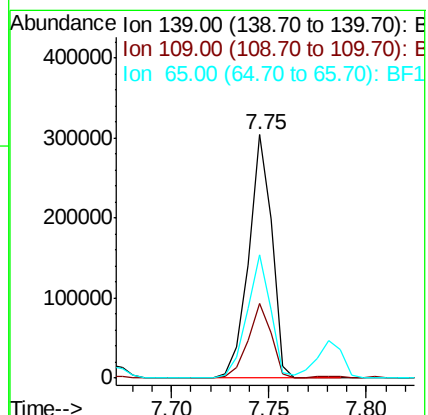
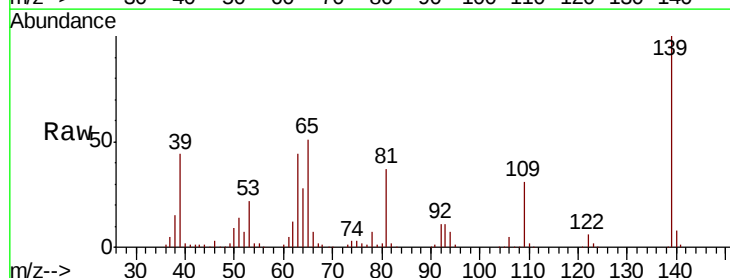
Tgt Ion: 139 Resp: 249375

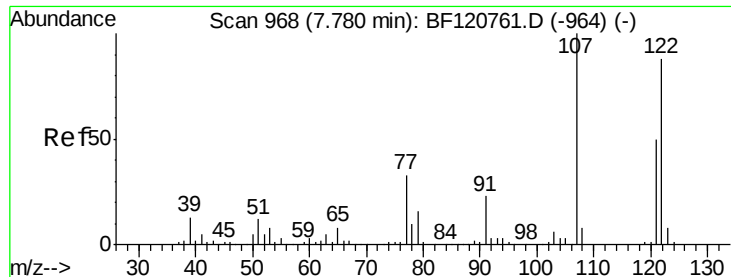
Ion Ratio Lower Upper

139 100

109 30.9 25.3 37.9

65 50.5 46.2 69.2

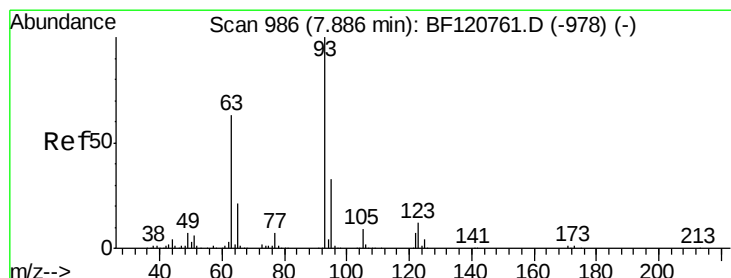
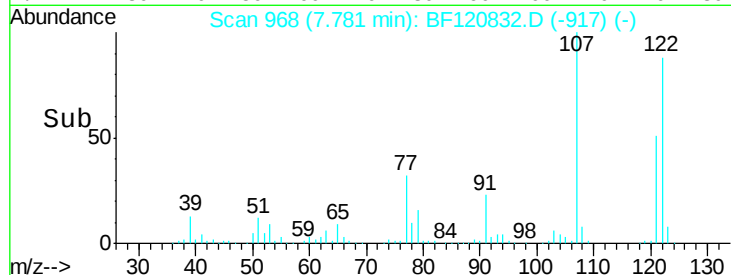
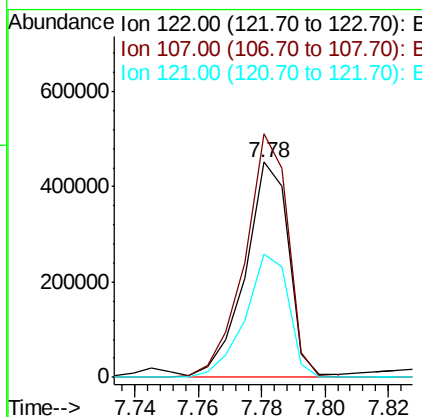
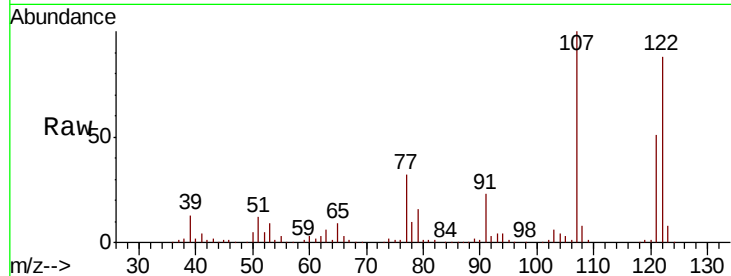




#27
 2,4-Dimethylphenol
 Concen: 47.654 ng
 RT: 7.78 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

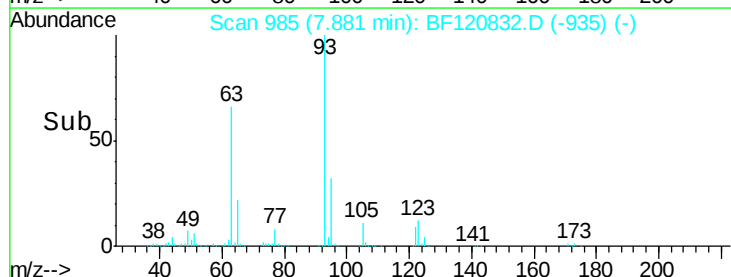
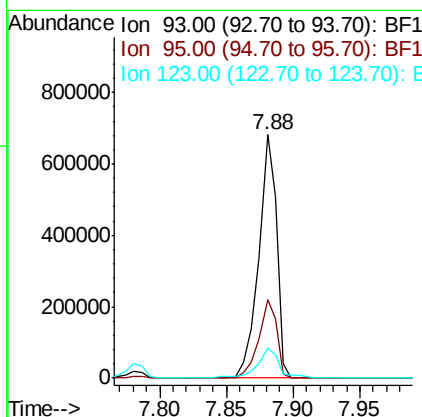
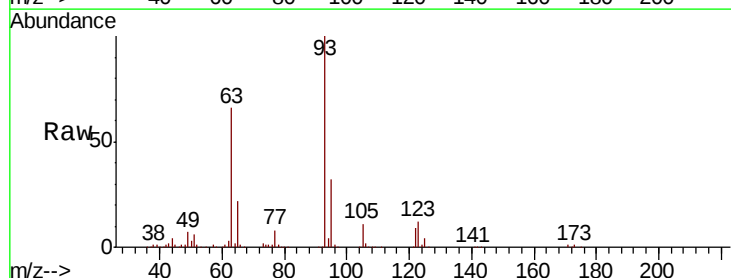
Instrument :
 BNA_F
 ClientSampleId :
 PB130117BSD

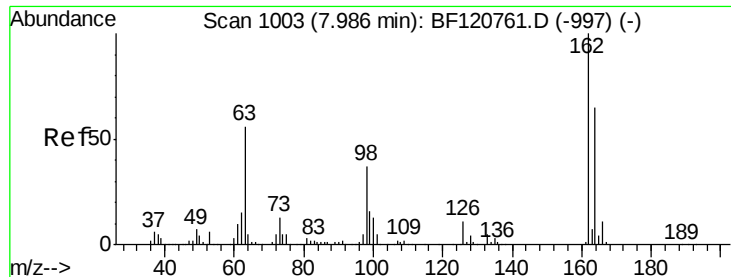
Tot Ion:122 Resp: 430027
 Ion Ratio Lower Upper
 122 100
 107 113.3 90.7 136.1
 121 57.4 45.4 68.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.324 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Tgt Ion: 93 Resp: 619765
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.4 39.6
 123 12.1 10.2 15.2

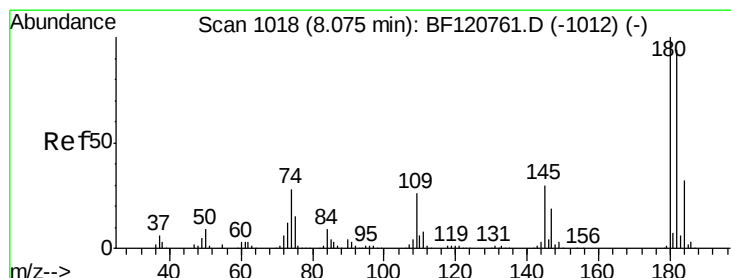
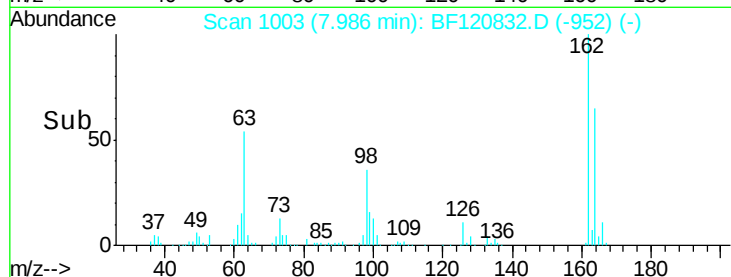
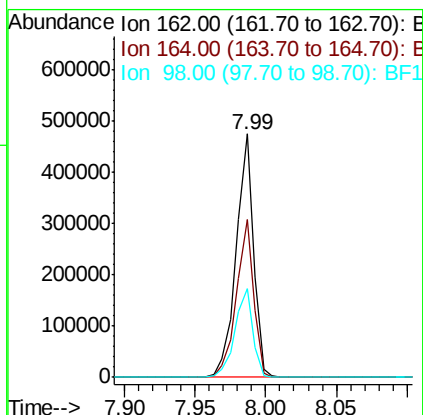
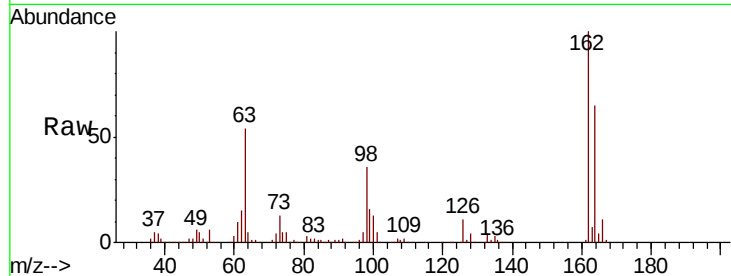




#29
 2,4-Dichlorophenol
 Concen: 45.496 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

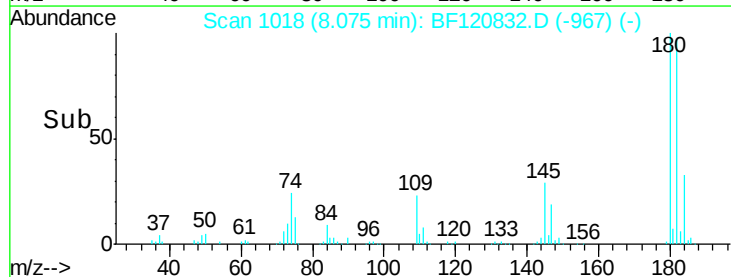
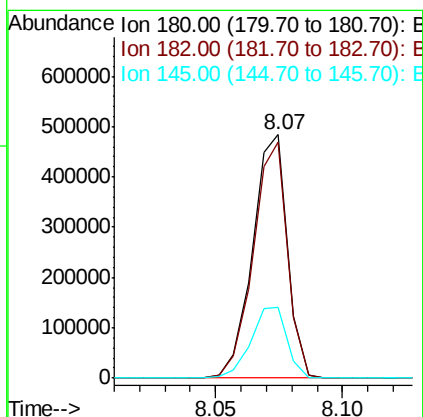
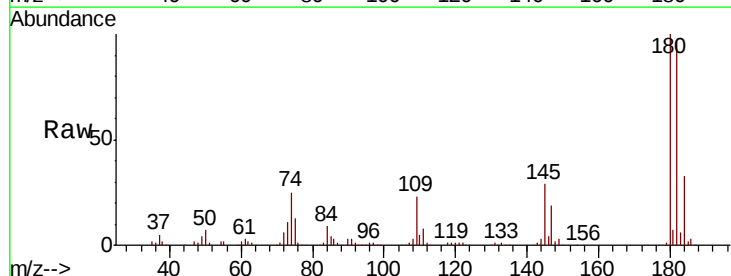
Instrument :
 BNA_F
 ClientSampleId :
 PB130117BSD

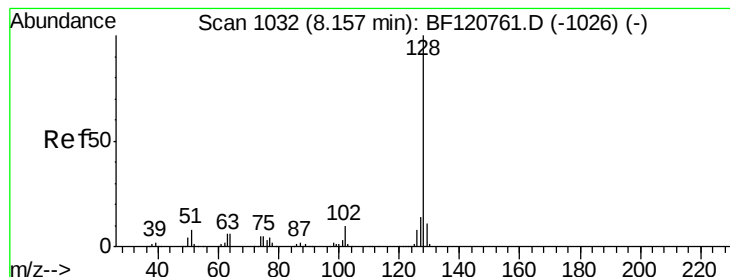
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	45.2	85.2
98	36.2	17.0	57.0



#30
 1,2,4-Trichlorobenzene
 Concen: 45.446 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.5	113.3
145	29.1	24.1	36.1





#31

Naphthalene

Concen: 44.100 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB130117BSD

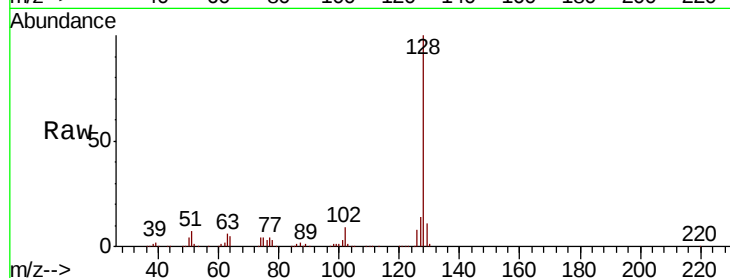
Tot Ion:128 Resp: 1431315

Ion Ratio Lower Upper

128 100

129 11.3 9.2 13.8

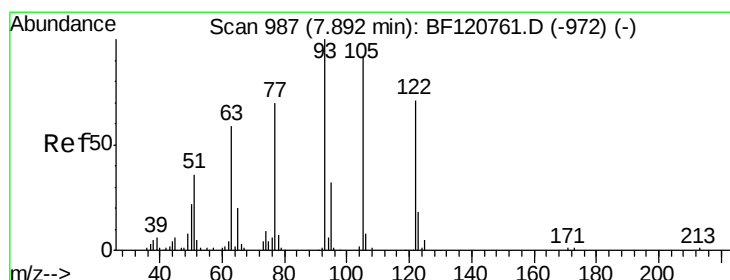
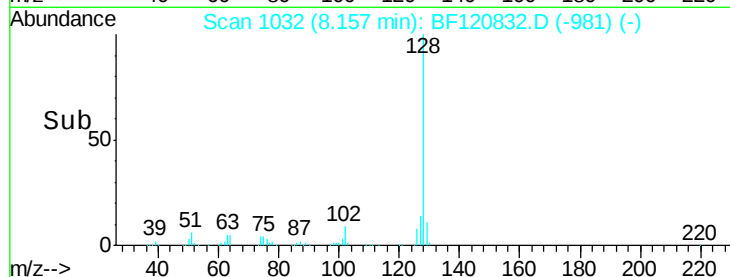
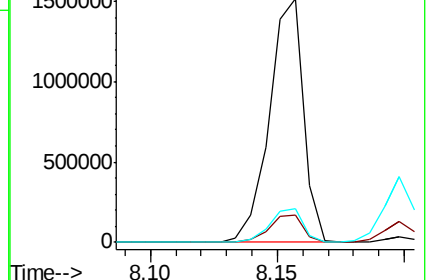
127 13.9 11.1 16.7



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: 44.095 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

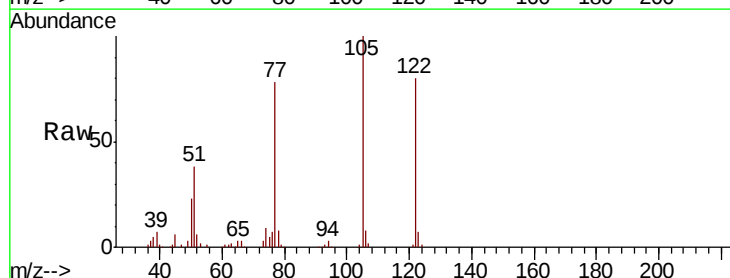
Tgt Ion:122 Resp: 278953

Ion Ratio Lower Upper

122 100

105 125.4 105.8 145.8

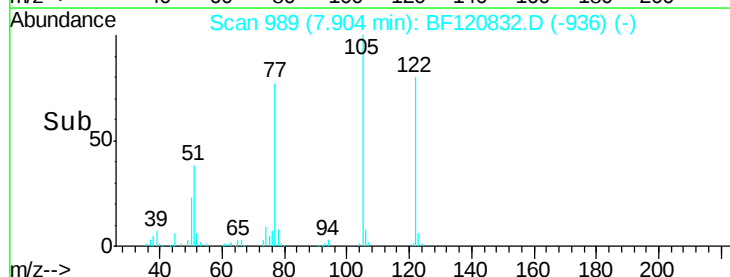
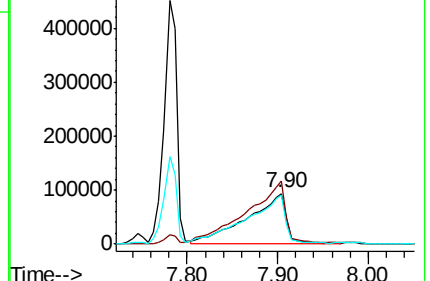
77 97.8 77.3 117.3



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

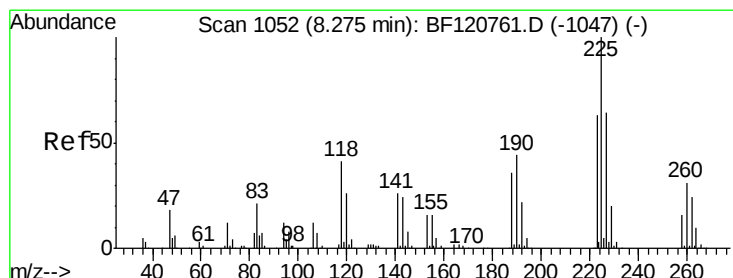
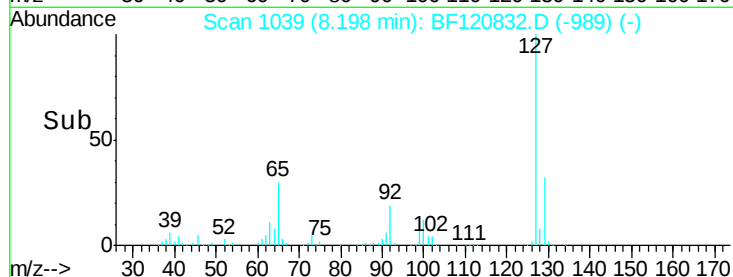
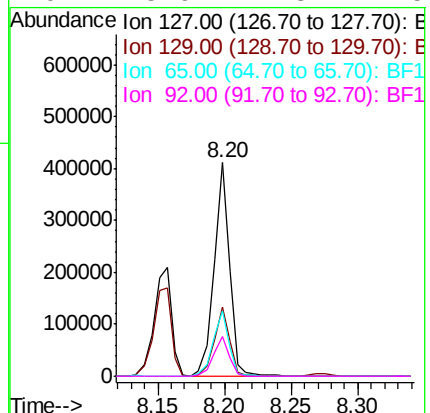
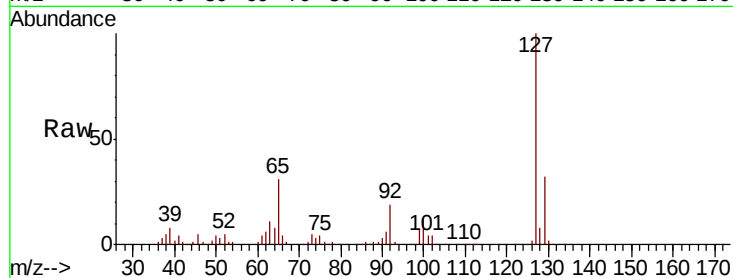




#33
4-Chloroaniline
Concen: 24.473 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

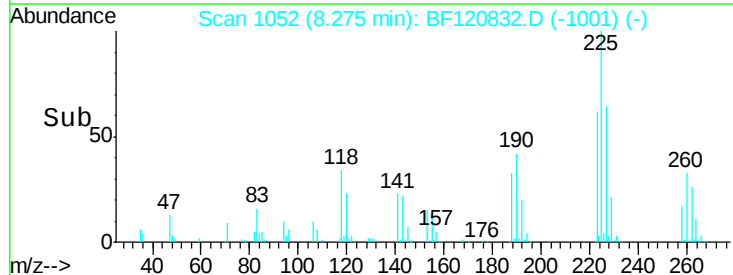
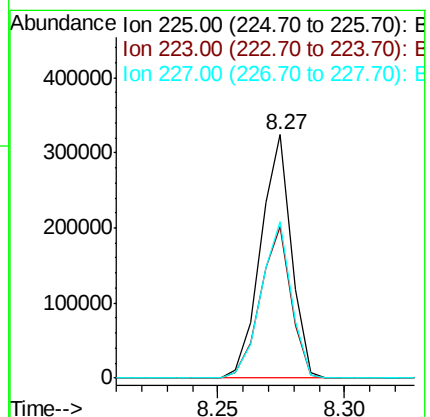
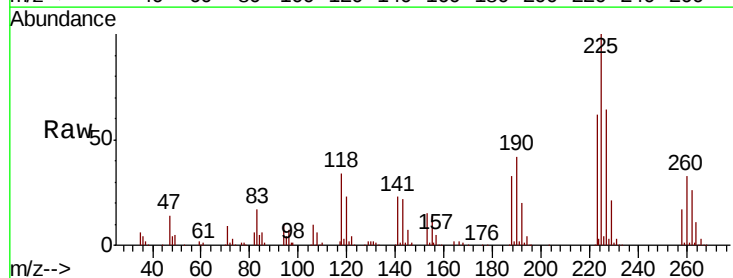
Instrument :
BNA_F
ClientSampleId :
PB130117BSD

Tot Ion:	127	Resp:	337057
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.6	39.8
65	30.7	22.7	34.1
92	18.6	14.3	21.5



#34
Hexachlorobutadiene
Concen: 44.531 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Tgt Ion:	225	Resp:	270990
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.6	76.0
227	64.1	51.4	77.2

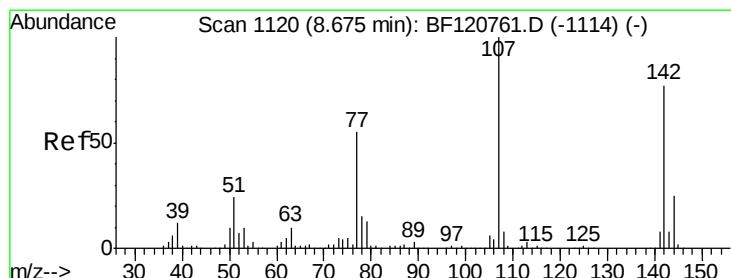
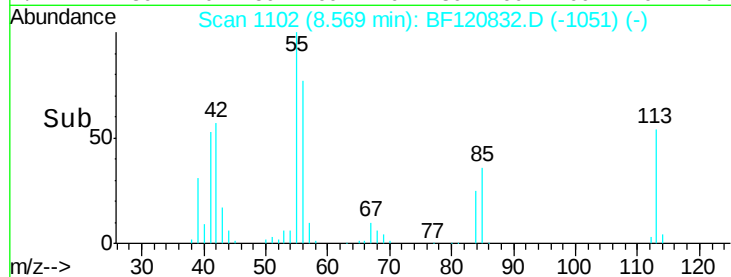
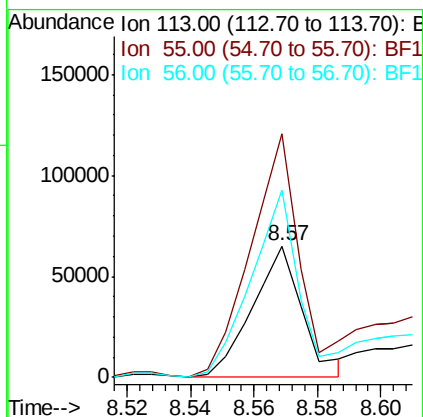
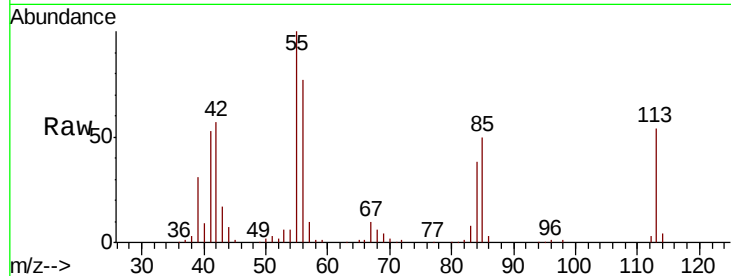




#35
 Caprolactam
 Concen: 27.258 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

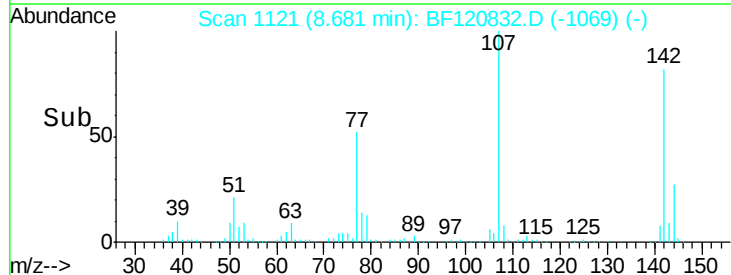
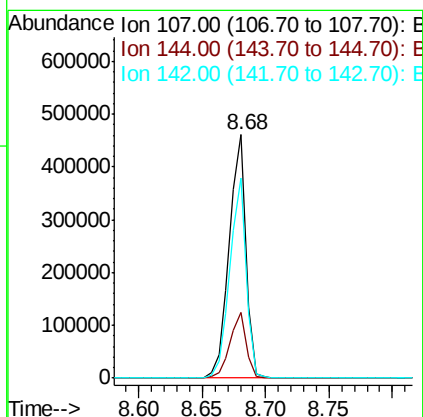
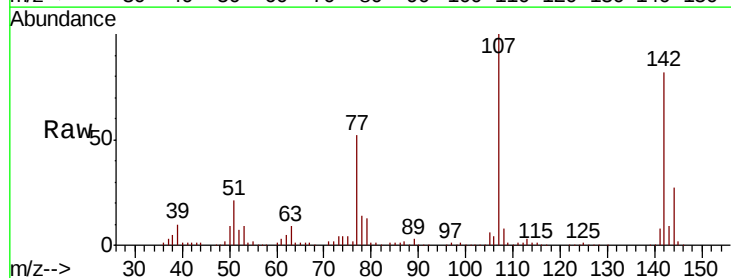
Instrument :
 BNA_F
 ClientSampleId :
 PB130117BSD

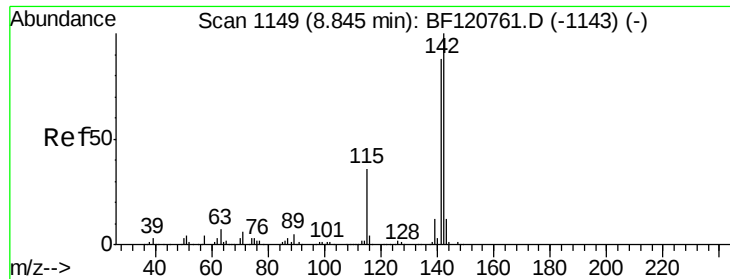
Tot Ion:113 Resp: 71550
 Ion Ratio Lower Upper
 113 100
 55 185.6 168.3 208.3
 56 142.5 118.8 158.8



#36
 4-Chloro-3-methylphenol
 Concen: 44.966 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. 0.01 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Tgt Ion:107 Resp: 421370
 Ion Ratio Lower Upper
 107 100
 144 26.9 19.7 29.5
 142 82.3 61.2 91.8

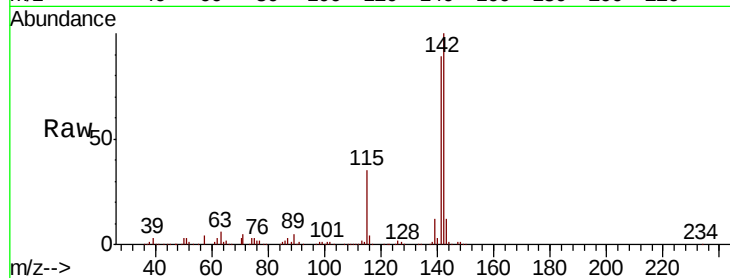




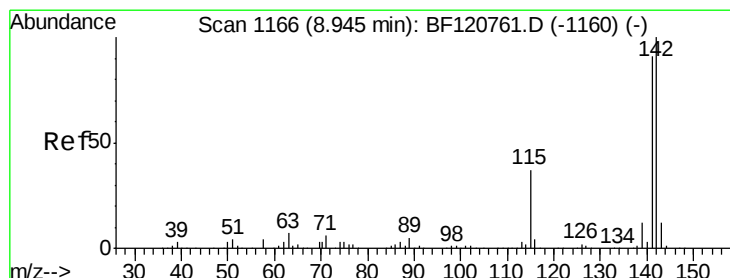
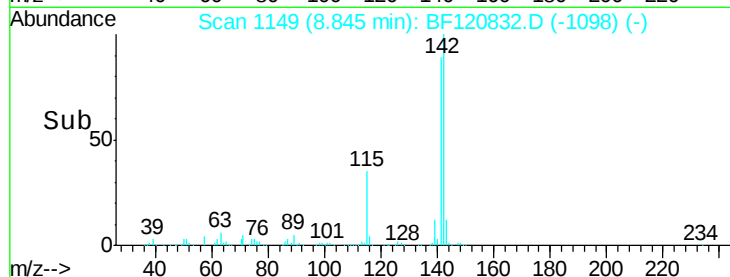
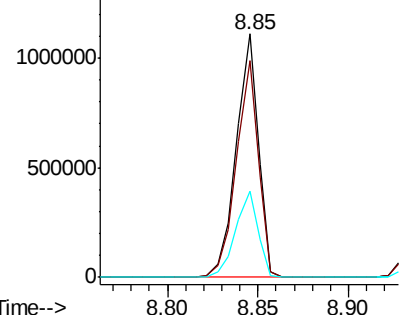
#37
2-Methylnaphthalene
Concen: 44.746 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB130117BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.2	105.4
115	35.3	29.0	43.4

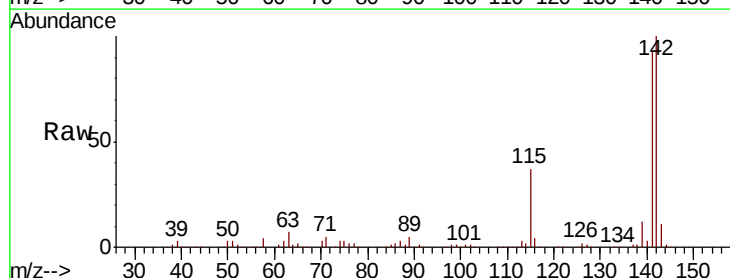


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

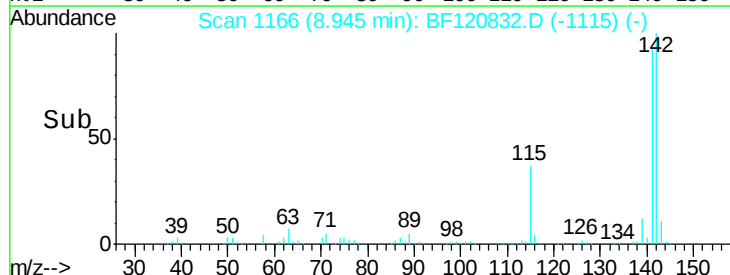
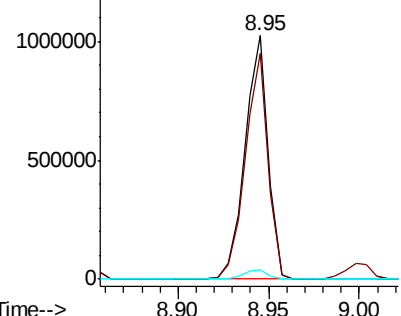


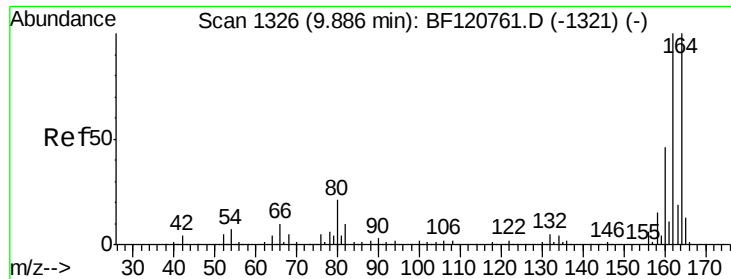
#38
1-Methylnaphthalene
Concen: 45.557 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	72.5	108.7
116	3.8	3.1	4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

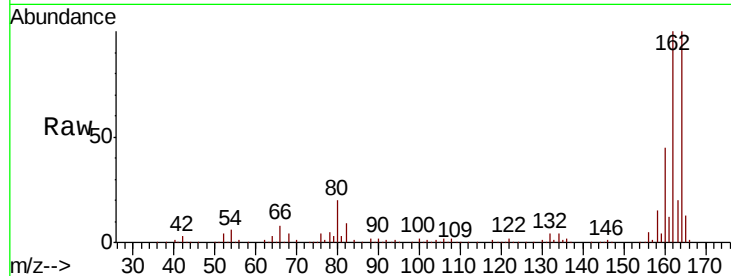




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB130117BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.2	120.2
160	45.5	36.9	55.3

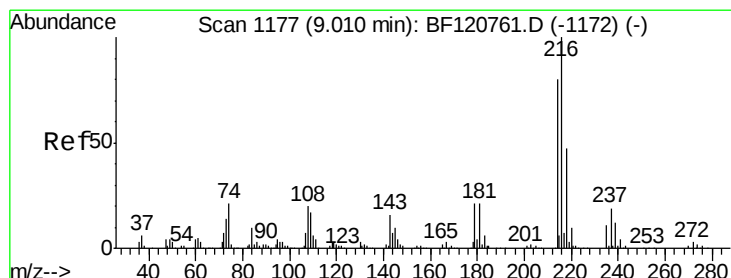
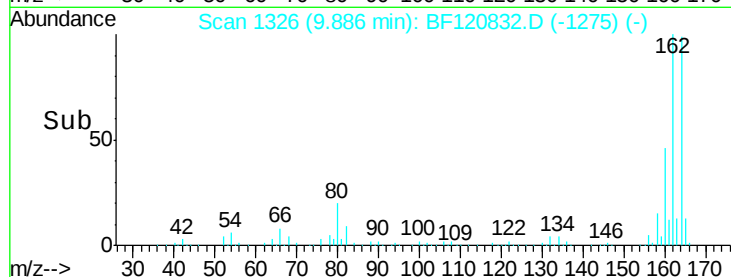
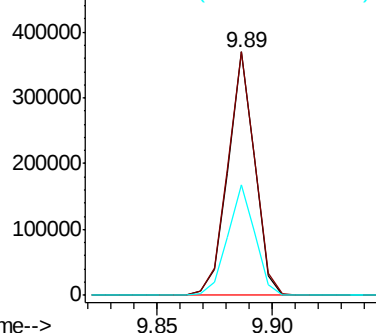


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.191 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.7	95.5
179	21.0	16.7	25.1
108	23.1	17.0	25.4

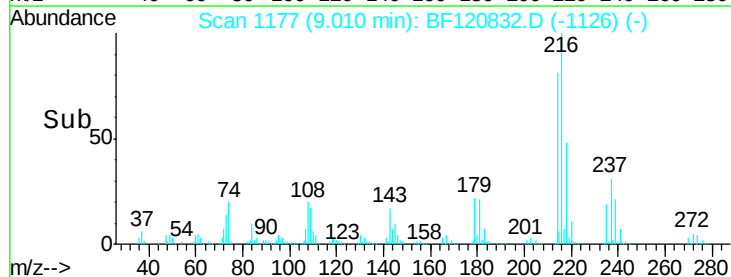
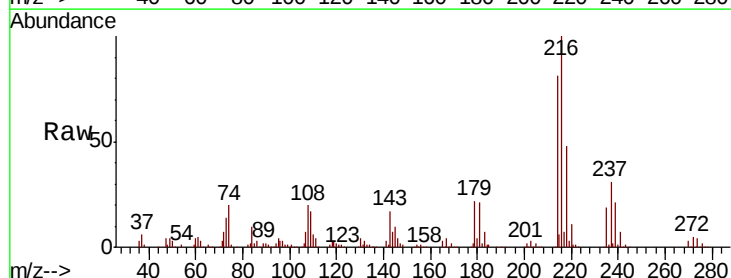
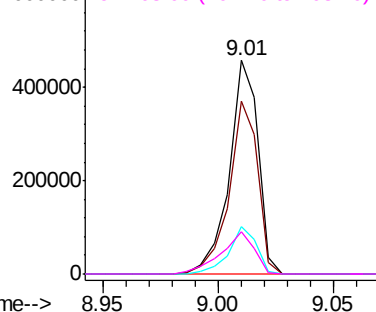
Abundance

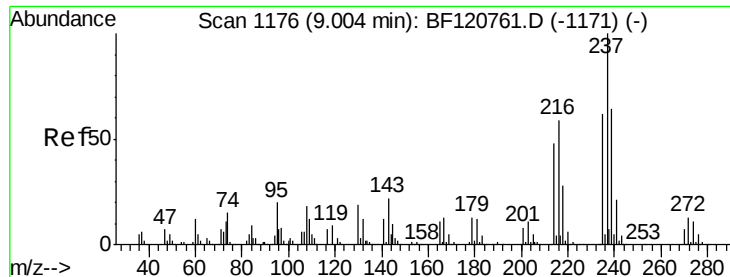
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 94.867 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB130117BSD

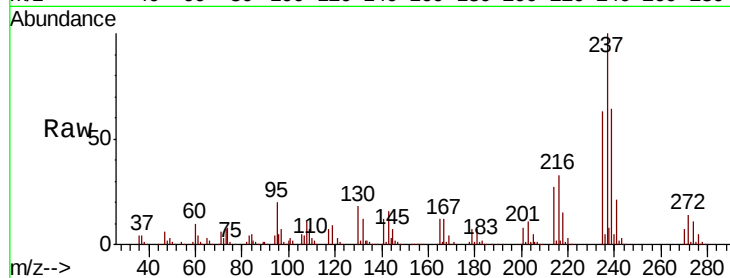
Tot Ion:237 Resp: 505709

Ion Ratio Lower Upper

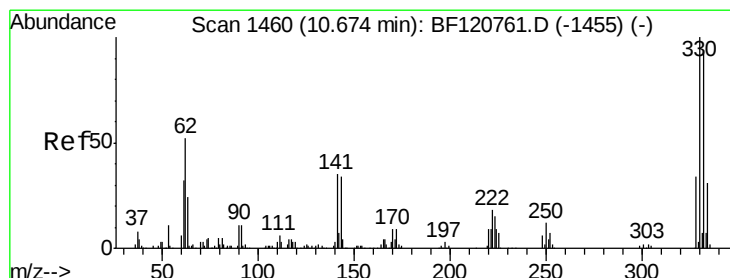
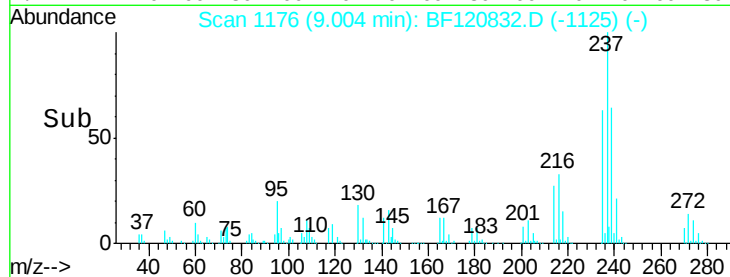
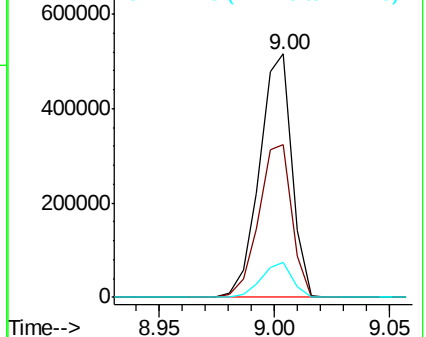
237 100

235 63.0 42.1 82.1

272 14.2 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: 149.305 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

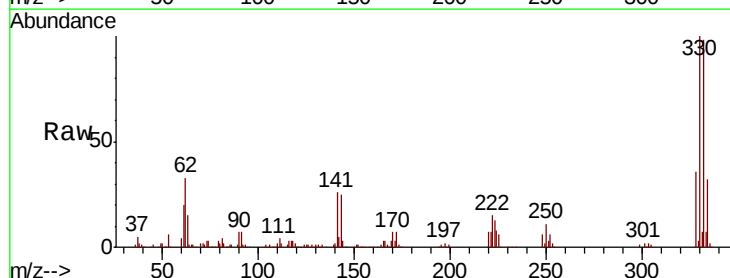
Tgt Ion:330 Resp: 447792

Ion Ratio Lower Upper

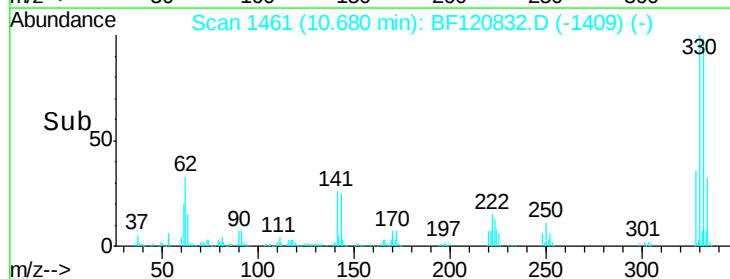
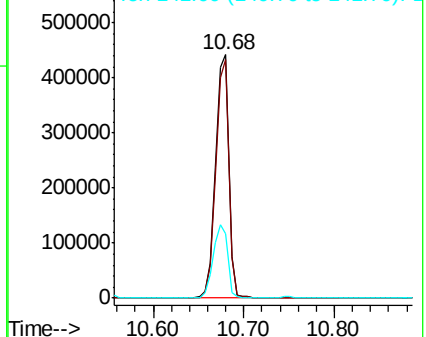
330 100

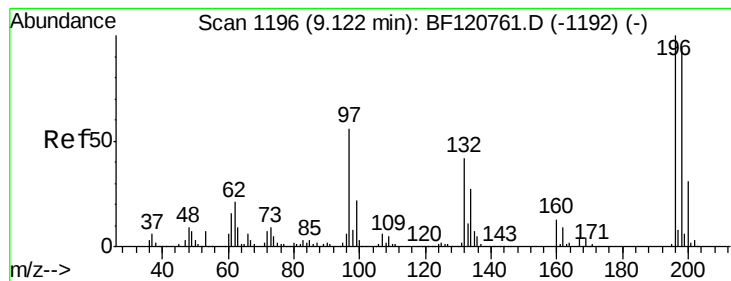
332 96.1 75.8 113.6

141 33.3 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: 46.399 ng

RT: 9.12 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB130117BSD

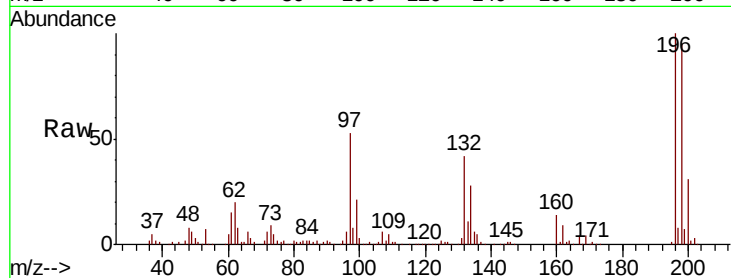
Tot Ion:196 Resp: 285254

Ion Ratio Lower Upper

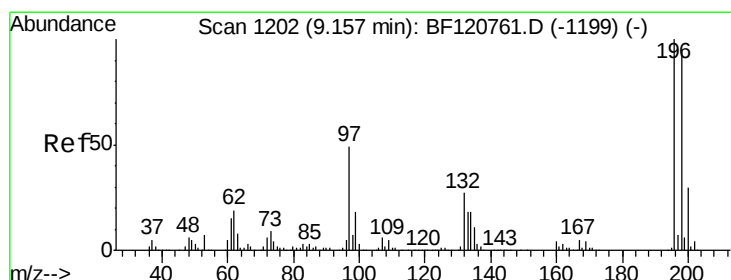
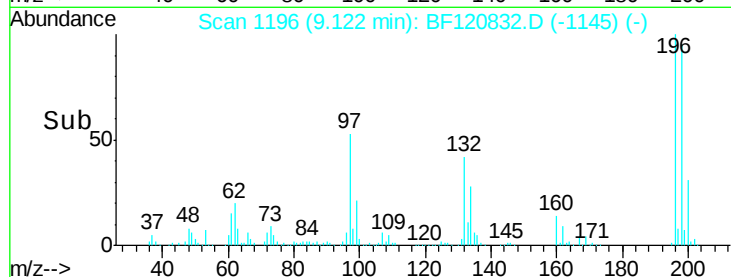
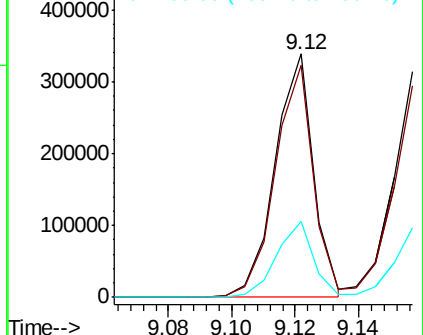
196 100

198 95.4 75.3 112.9

200 31.0 24.4 36.6



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 44.289 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Tgt Ion:196 Resp: 302175

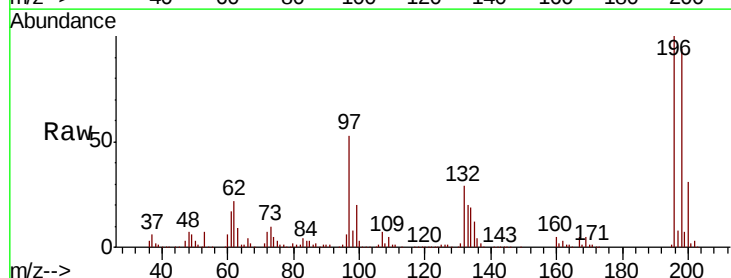
Ion Ratio Lower Upper

196 100

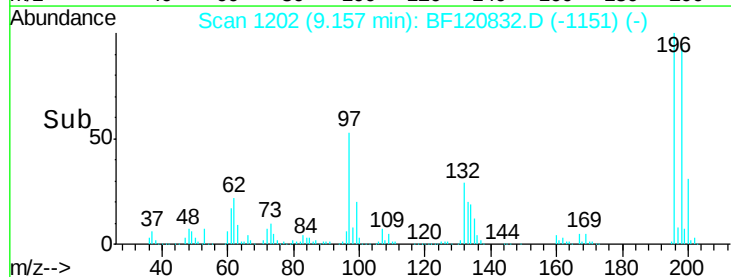
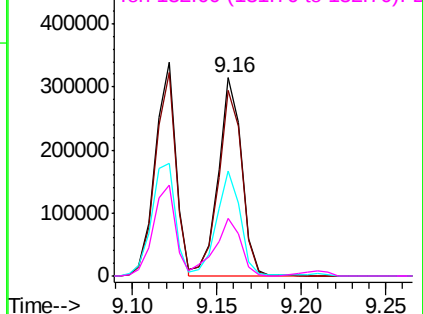
198 94.1 76.2 114.2

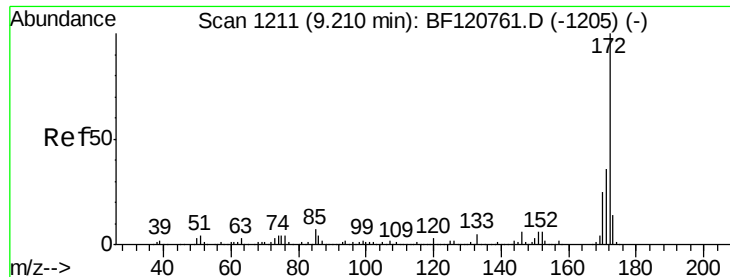
97 53.3 39.6 59.4

132 28.9 22.0 33.0



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

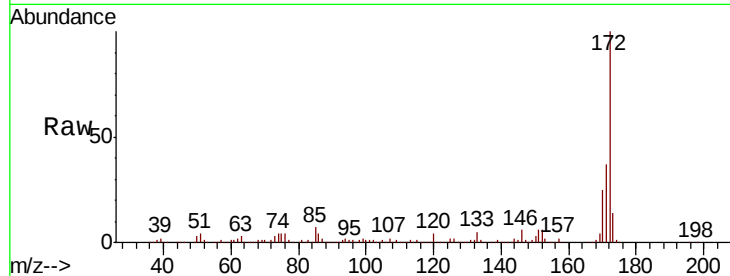




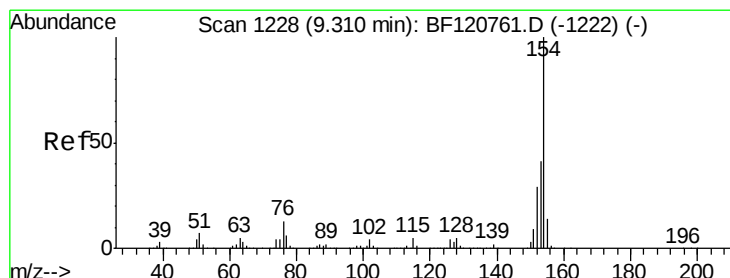
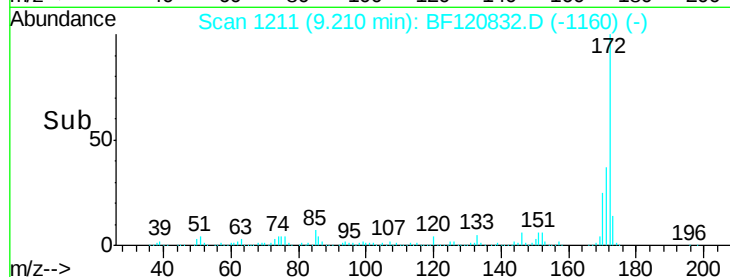
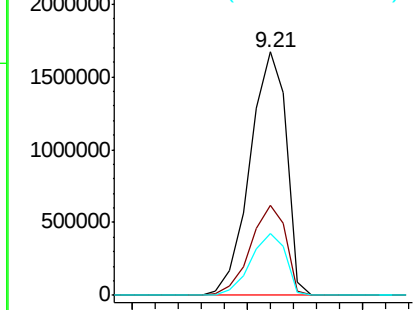
#45
2-Fluorobiphenyl
Concen: 93.133 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB130117BSD

Tot Ion:172 Resp: 1837677
Ion Ratio Lower Upper
172 100
171 36.7 29.1 43.7
170 25.3 19.8 29.6

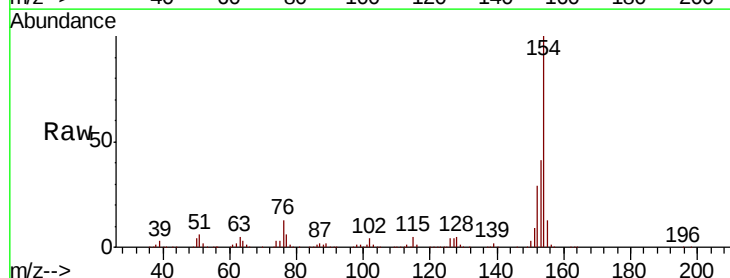


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

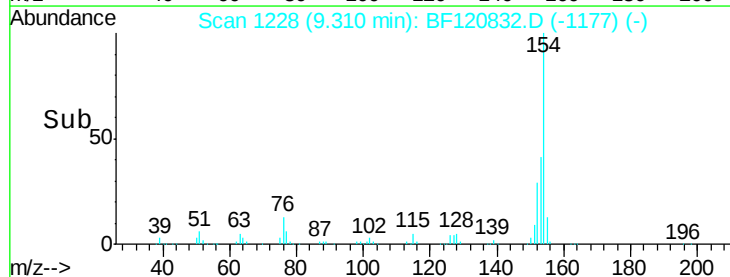
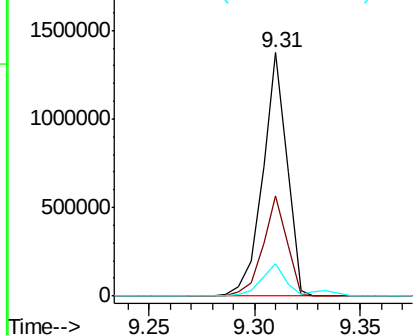


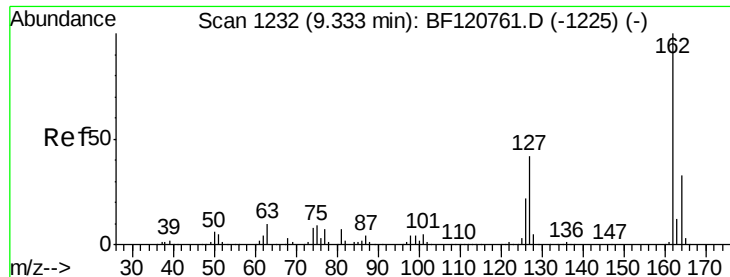
#46
1,1'-Biphenyl
Concen: 45.437 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Tgt Ion:154 Resp: 1094149
Ion Ratio Lower Upper
154 100
153 41.0 20.7 60.7
76 13.1 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

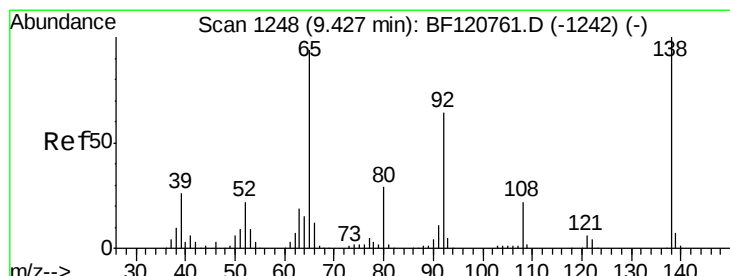
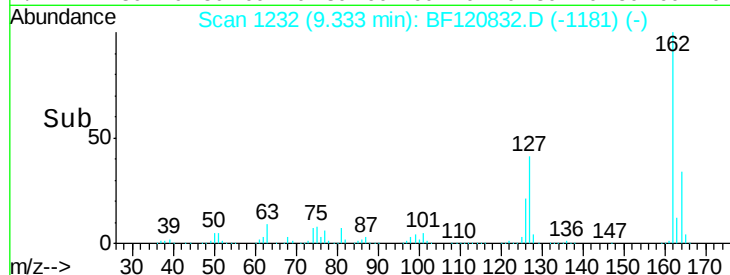
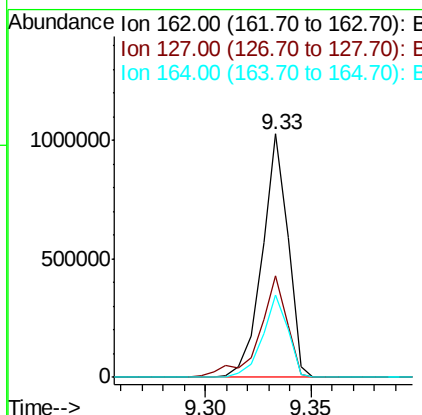
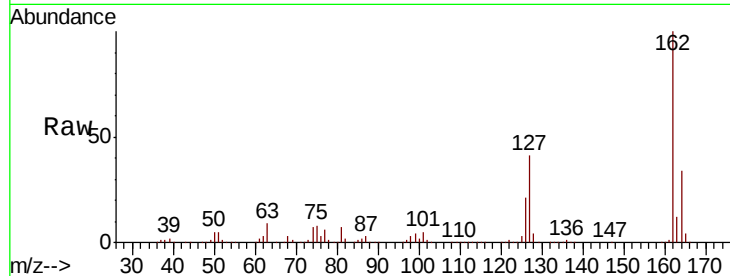




#47
 2-Chloronaphthalene
 Concen: 45.107 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

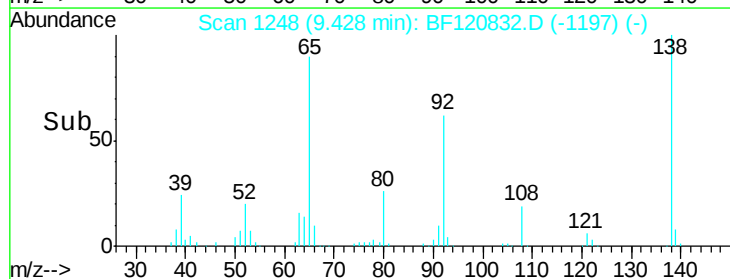
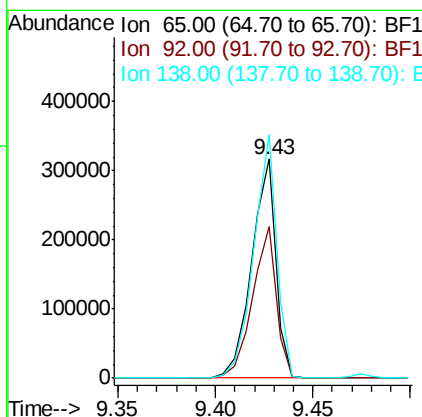
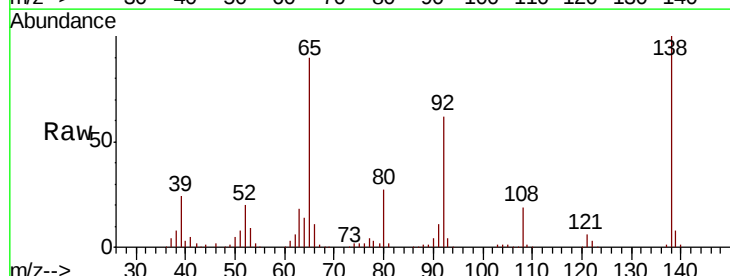
Instrument :
 BNA_F
 ClientSampleId :
 PB130117BSD

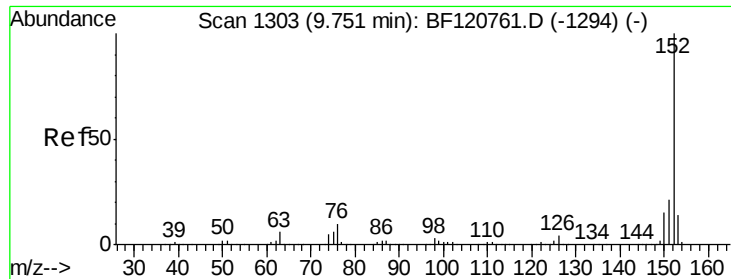
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.7	50.5
164	33.7	26.4	39.6



#48
 2-Nitroaniline
 Concen: 47.147 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.1	54.4	81.6
138	111.3	84.7	127.1





#49

Acenaphthylene

Concen: 44.667 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB130117BSD

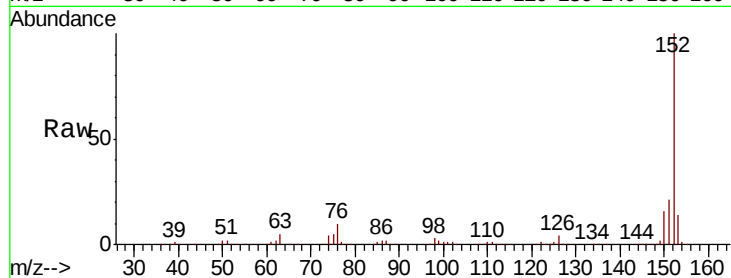
Tot Ion:152 Resp: 1350977

Ion Ratio Lower Upper

152 100

151 21.3 16.9 25.3

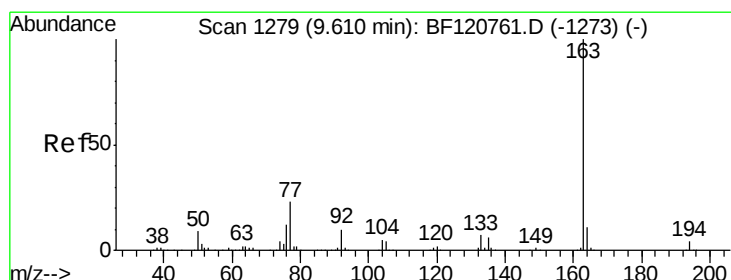
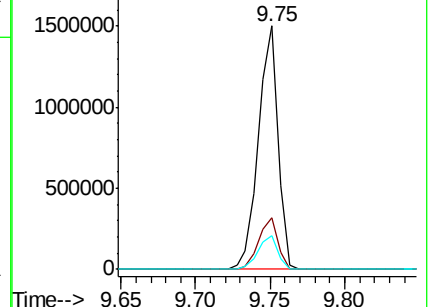
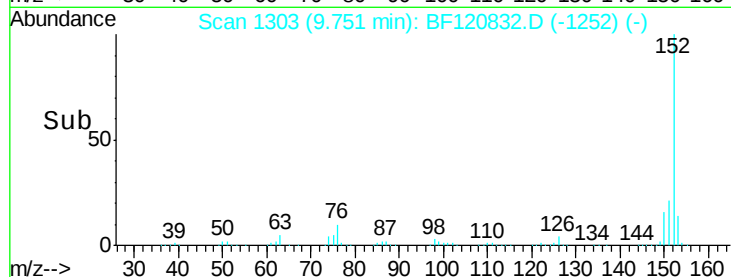
153 13.6 10.8 16.2



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: 44.964 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

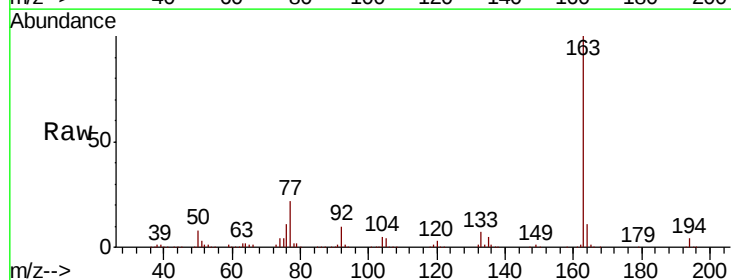
Tgt Ion:163 Resp: 979178

Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

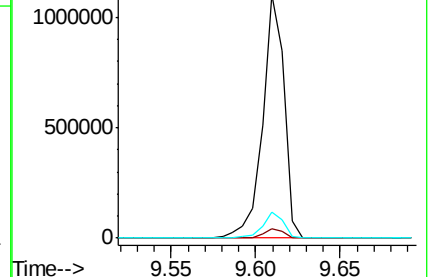
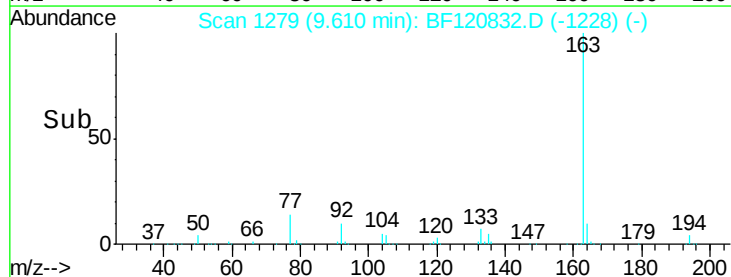
164 10.6 8.5 12.7

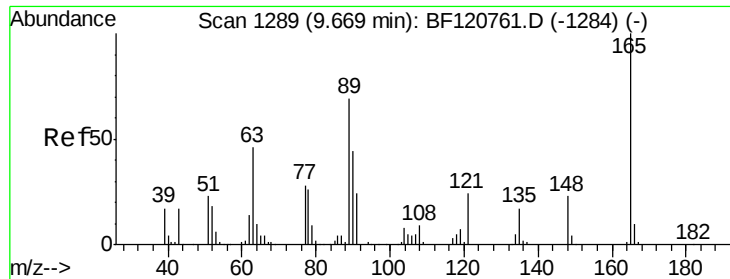


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

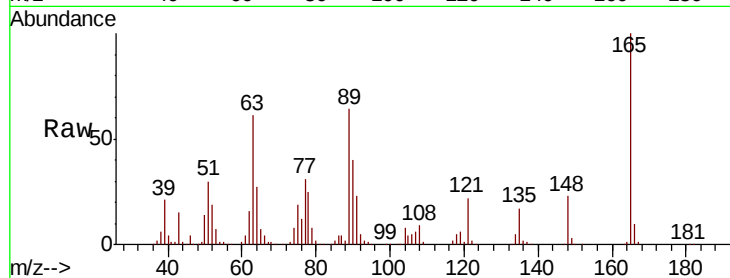




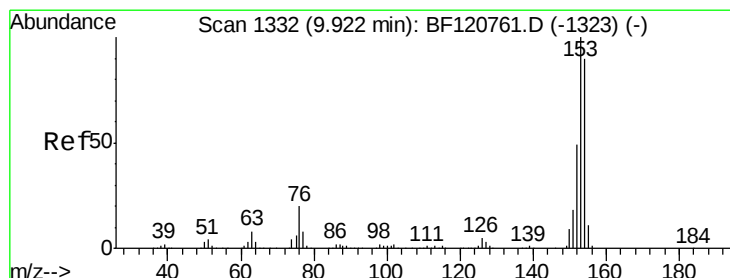
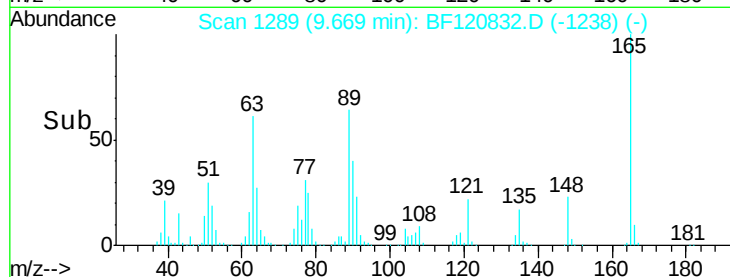
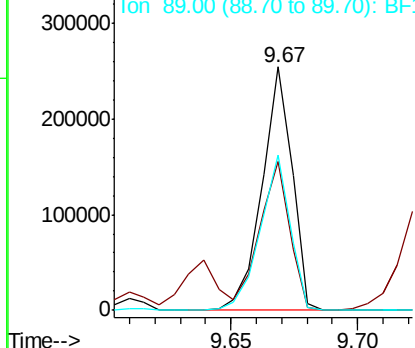
#51
 2,6-Dinitrotoluene
 Concen: 49.081 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB130117BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	61.1	54.0	81.0
89	63.9	55.4	83.2

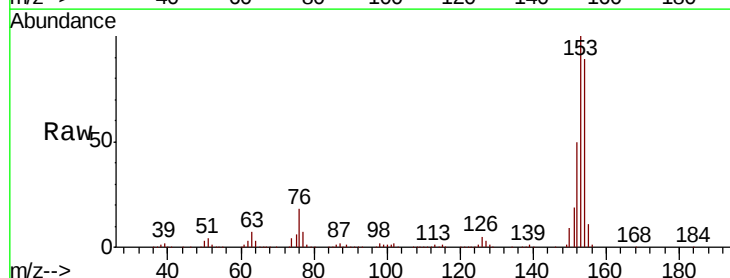


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

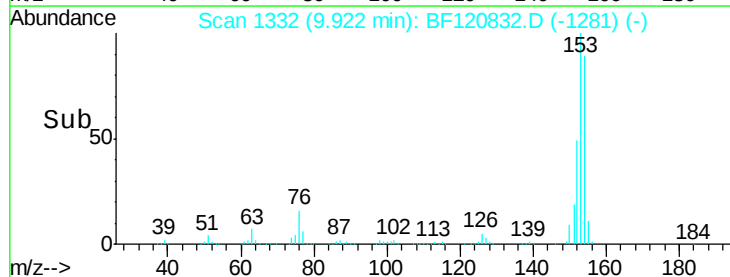
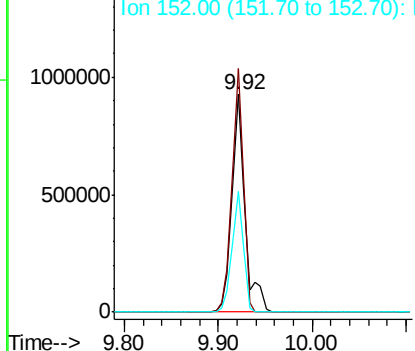


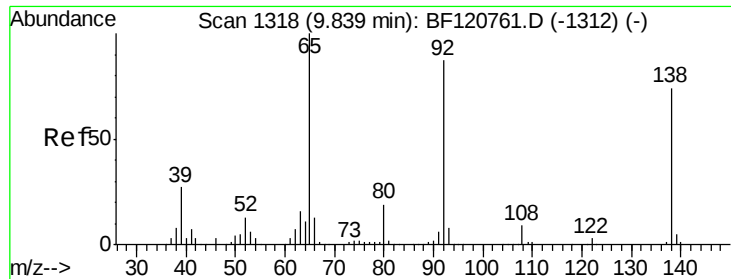
#52
 Acenaphthene
 Concen: 48.807 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.0	88.6	132.8
152	55.4	43.6	65.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

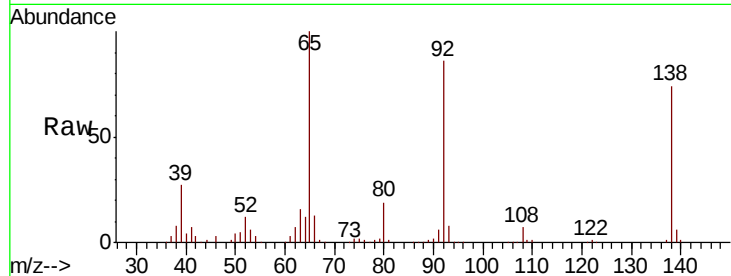




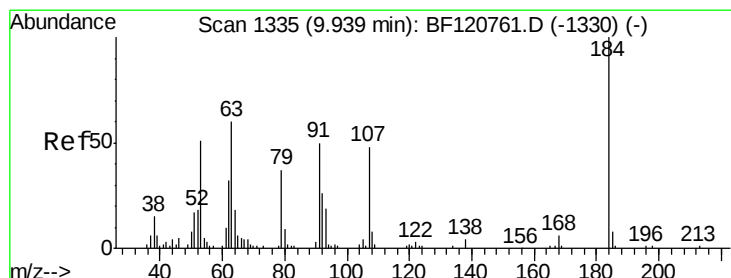
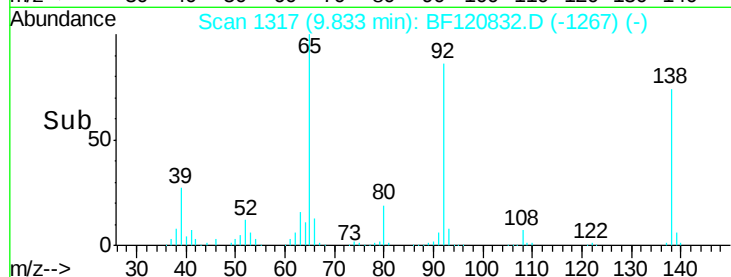
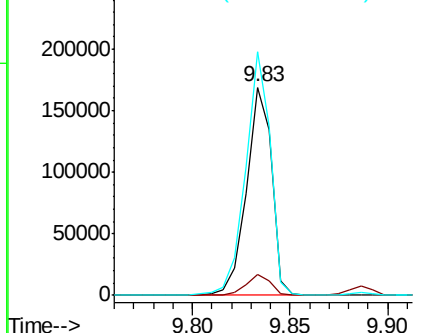
#53
 3-Nitroaniline
 Concen: 29.447 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB130117BSD

Tot Ion:138 Resp: 151662
 Ion Ratio Lower Upper
 138 100
 108 10.0 9.8 14.6
 92 117.0 93.4 140.2

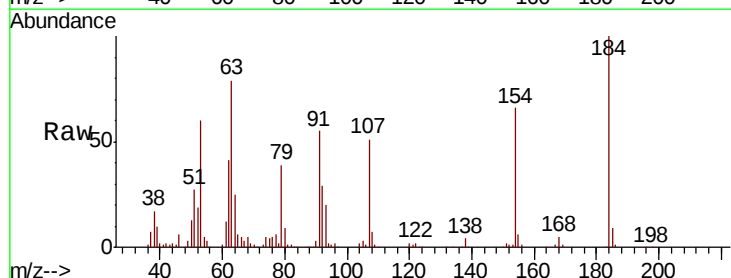


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

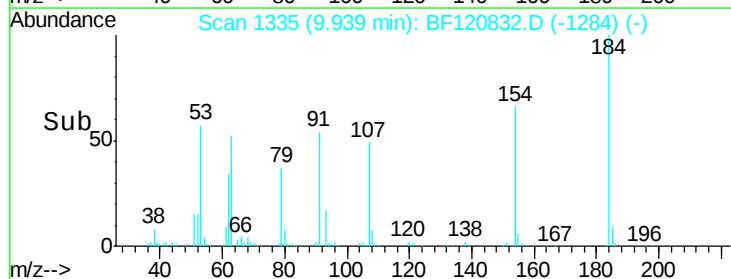
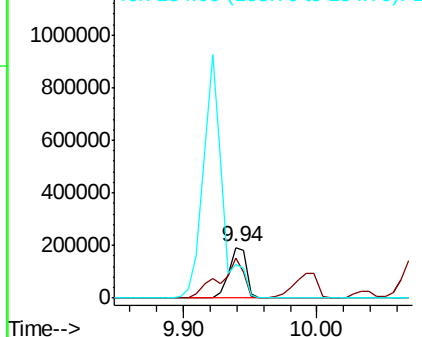


#54
 2,4-Dinitrophenol
 Concen: 103.853 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Tgt Ion:184 Resp: 182326
 Ion Ratio Lower Upper
 184 100
 63 79.2 57.3 85.9
 154 66.4 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

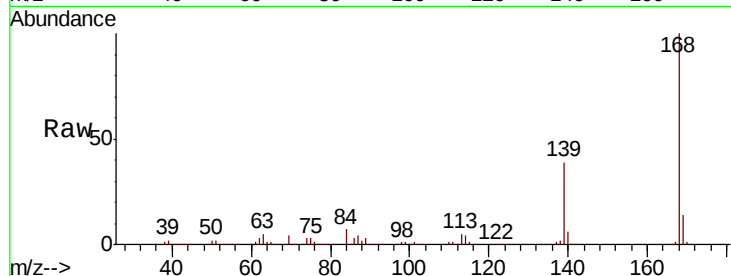




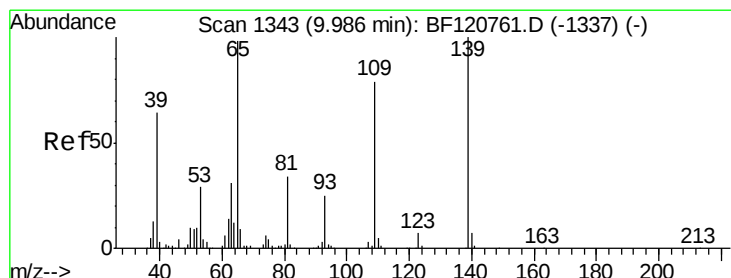
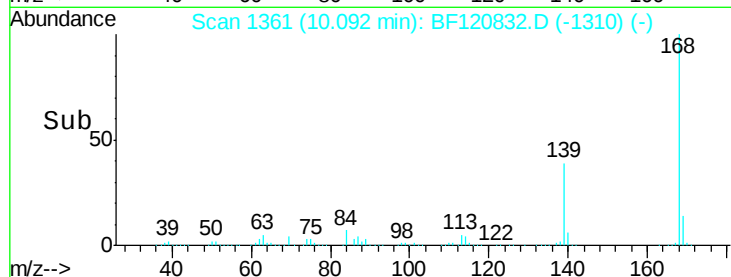
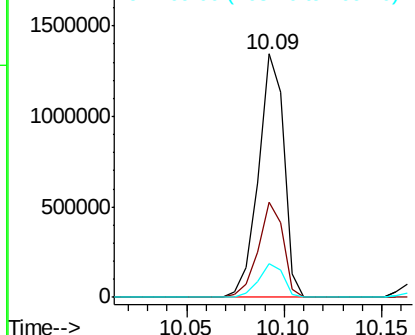
#55
Dibenzenofuran
Concen: 44.953 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB130117BSD

Tot Ion:168 Resp: 1215833
Ion Ratio Lower Upper
168 100
139 39.3 31.3 46.9
169 14.1 11.2 16.8

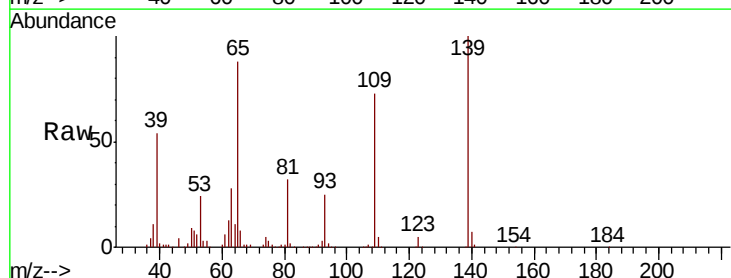


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

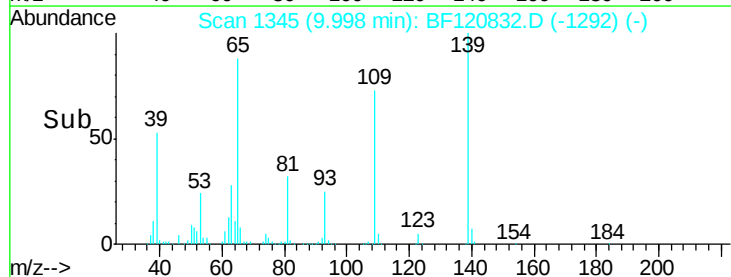
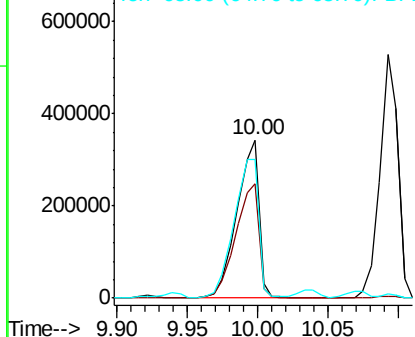


#56
4-Nitrophenol
Concen: 93.929 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Tgt Ion:139 Resp: 376622
Ion Ratio Lower Upper
139 100
109 72.5 58.6 98.6
65 87.6 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

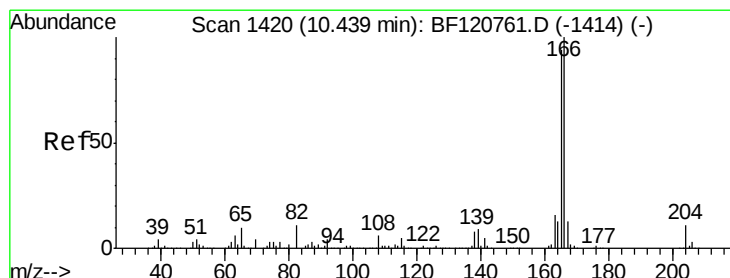
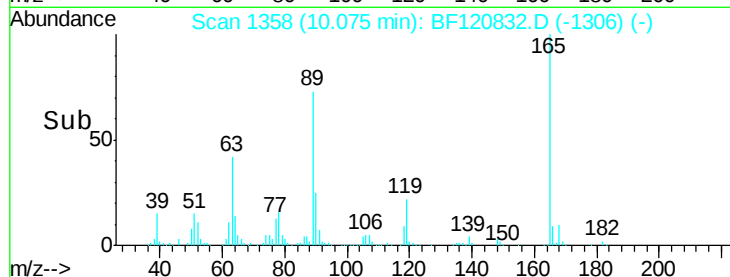
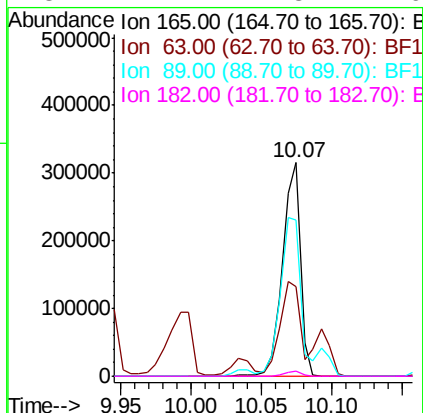
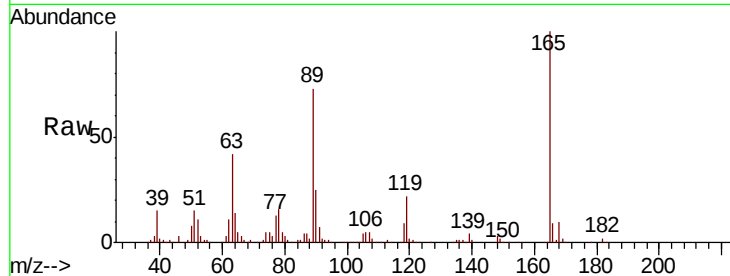




#57
 2,4-Dinitrotoluene
 Concen: 51.849 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. 0.01 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

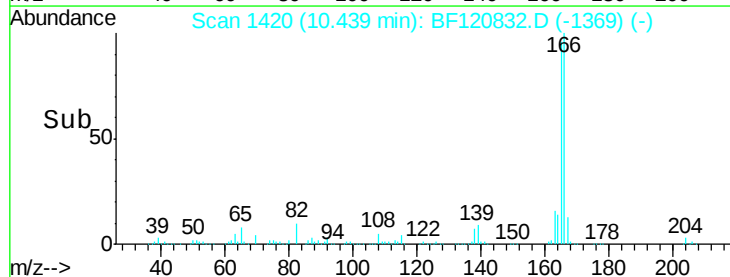
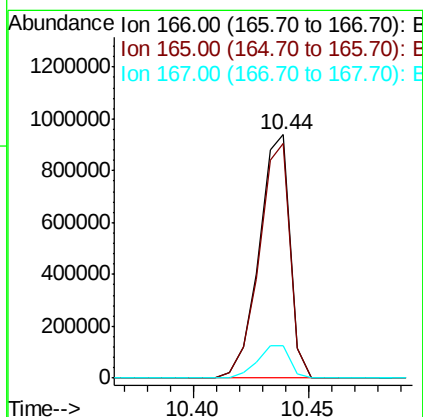
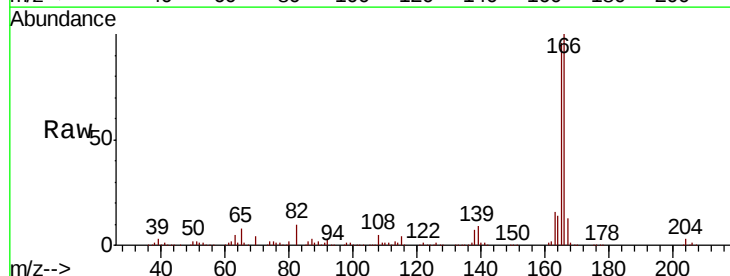
Instrument :
 BNA_F
 ClientSampleId :
 PB130117BSD

Tot Ion:165 Resp: 280943
 Ion Ratio Lower Upper
 165 100
 63 42.1 43.8 65.8#
 89 73.0 71.4 107.2
 182 2.4 1.8 2.6



#58
 Fluorene
 Concen: 43.673 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Tgt Ion:166 Resp: 879196
 Ion Ratio Lower Upper
 166 100
 165 96.2 75.5 113.3
 167 13.4 10.6 16.0

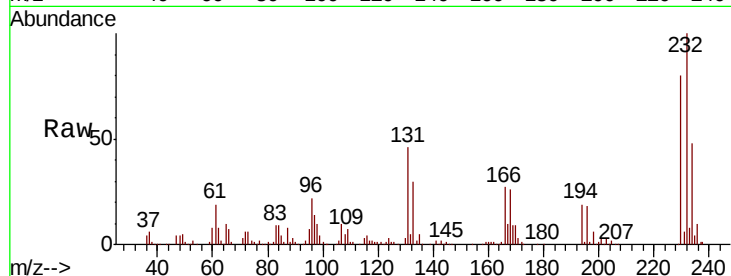




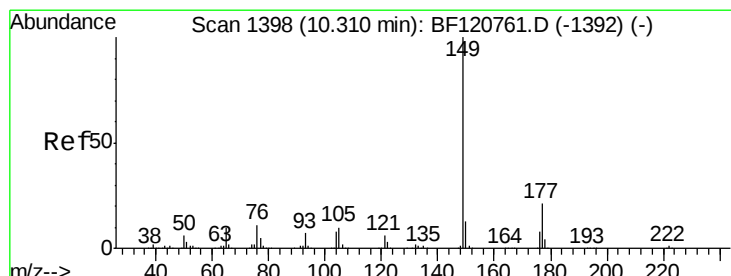
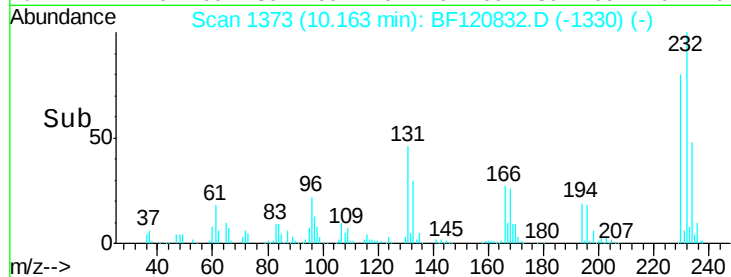
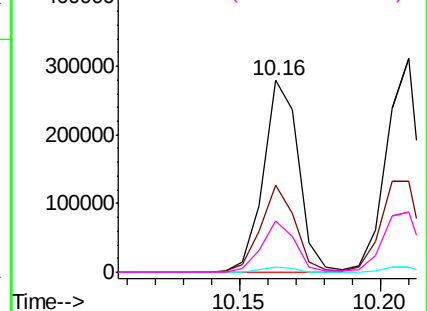
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.600 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.05 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB130117BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.6	36.3	54.5
130	2.5	2.0	3.0
166	25.5	20.9	31.3

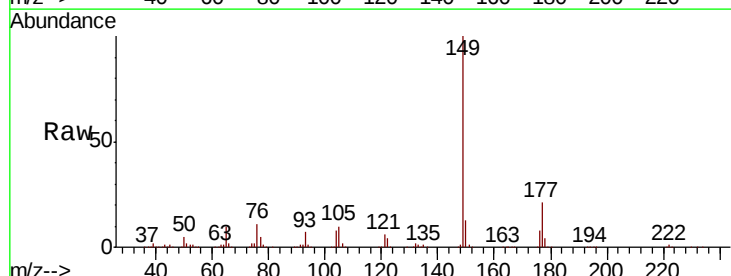


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

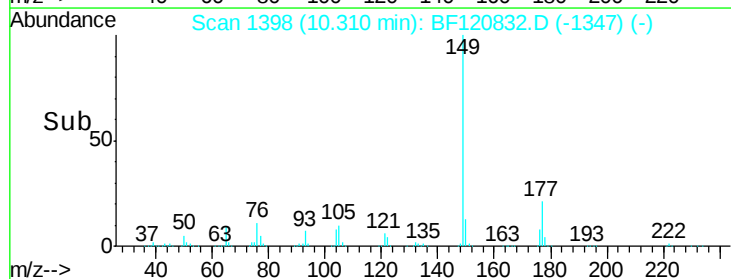
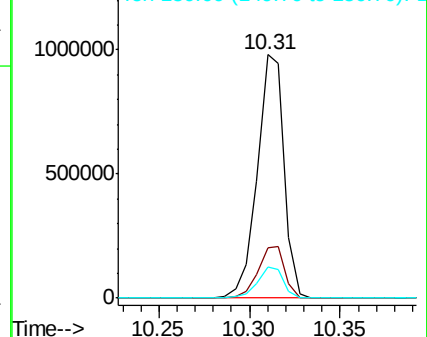


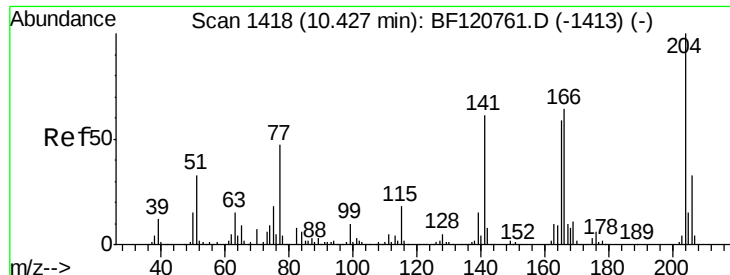
#60
Diethylphthalate
Concen: 44.351 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.4	24.6
150	12.8	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

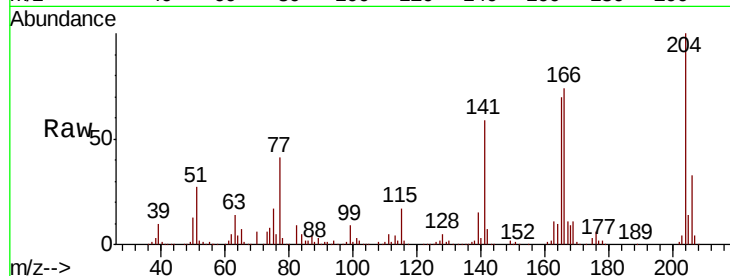




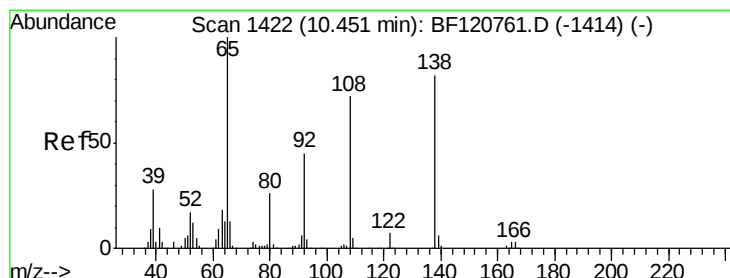
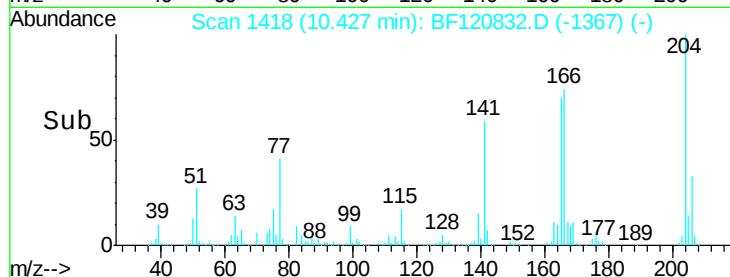
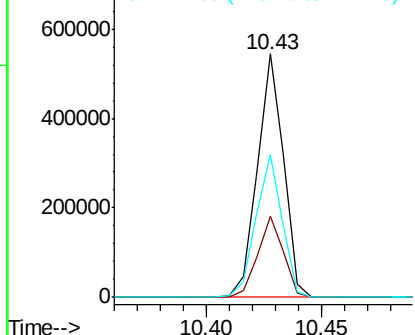
#61
4-Chlorophenyl-phenylether
Concen: 42.547 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB130117BSD

Tot Ion:204 Resp: 430589
Ion Ratio Lower Upper
204 100
206 33.1 26.7 40.1
141 58.7 48.5 72.7

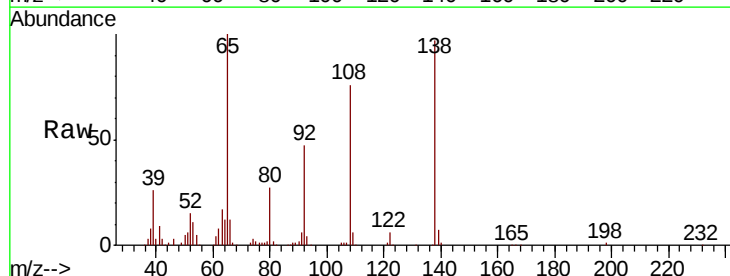


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

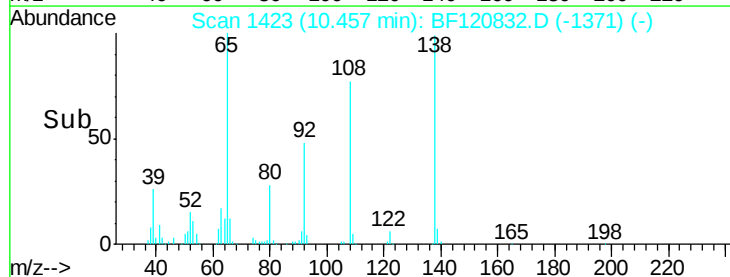
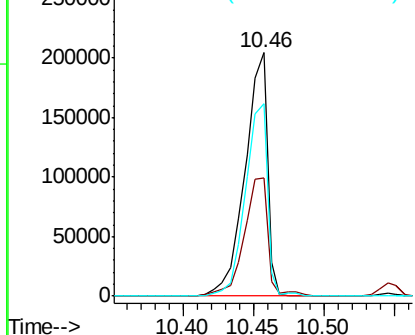


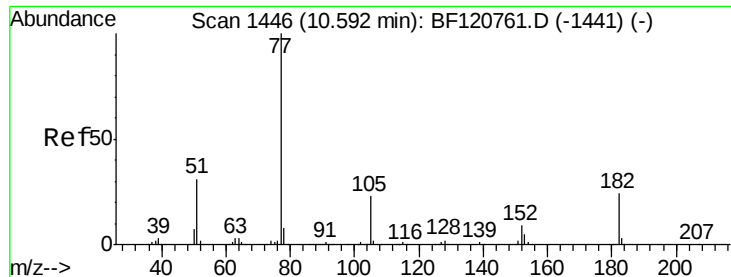
#62
4-Nitroaniline
Concen: 49.350 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Tgt Ion:138 Resp: 228342
Ion Ratio Lower Upper
138 100
92 48.7 34.3 74.3
108 78.8 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

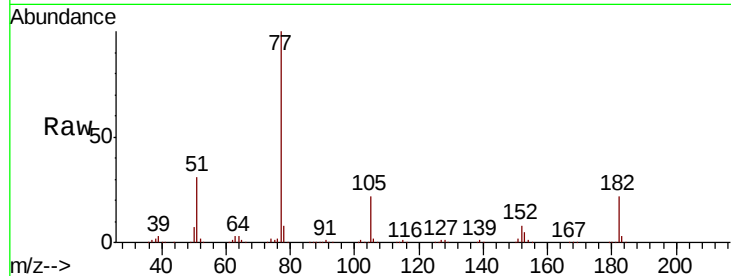




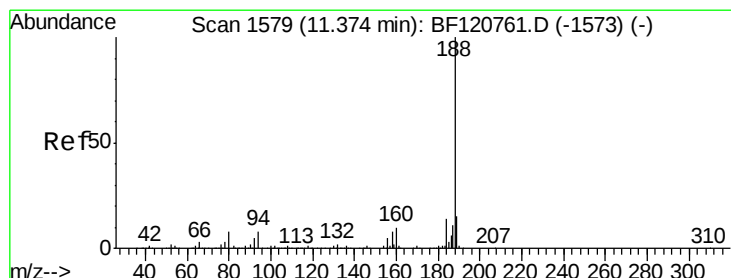
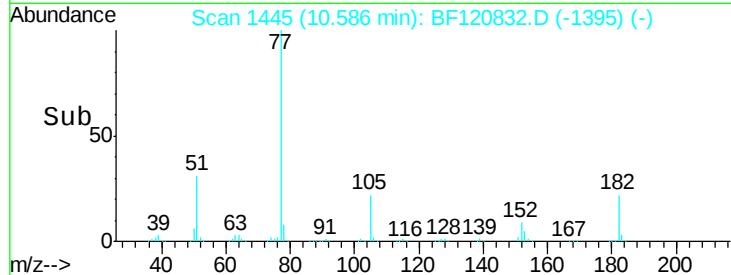
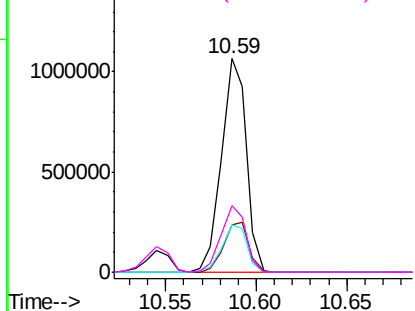
#63
Azobenzene
Concen: 43.737 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB130117BSD

Tot Ion: 77 Resp: 1014964
Ion Ratio Lower Upper
77 100
182 22.4 4.0 44.0
105 22.4 2.6 42.6
51 31.3 11.5 51.5

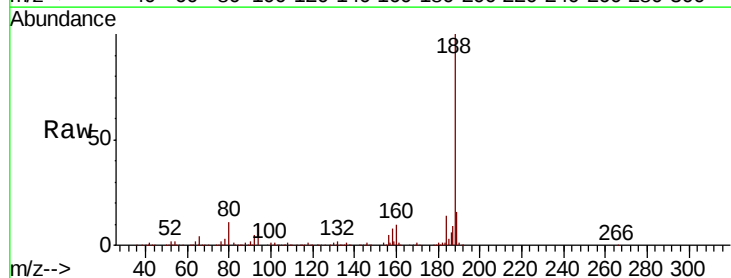


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

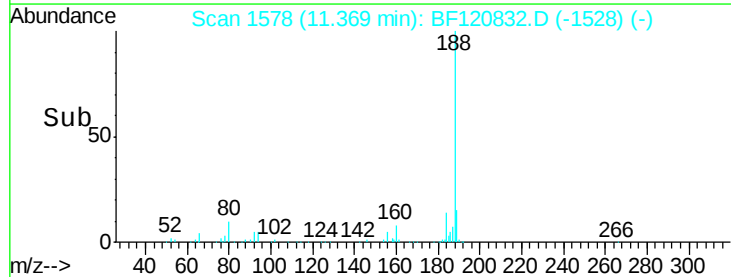
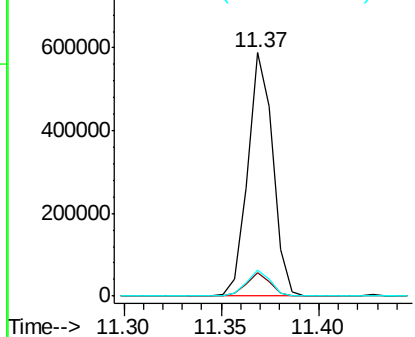


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Tgt Ion: 188 Resp: 523201
Ion Ratio Lower Upper
188 100
94 9.5 6.6 9.8
80 10.6 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

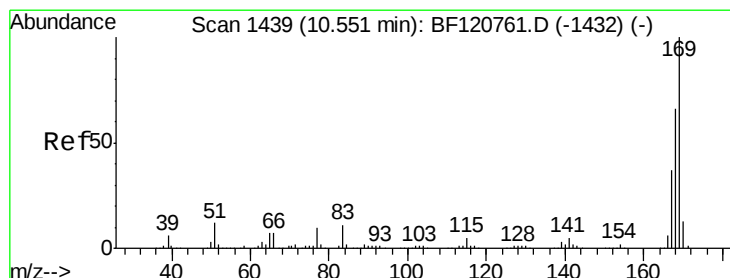
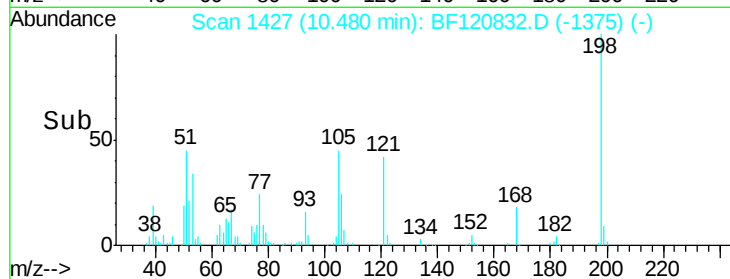
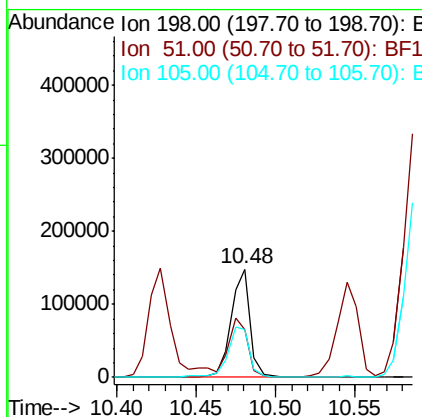
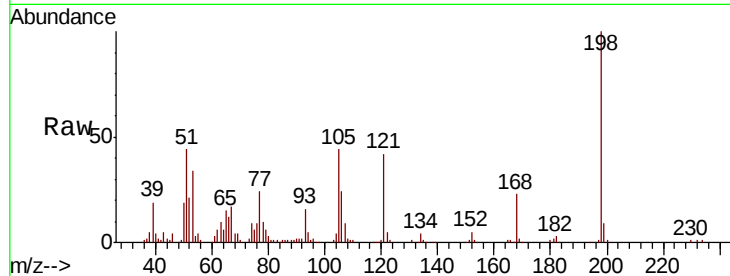




#65
 4,6-Dinitro-2-methylphenol
 Concen: 54.378 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

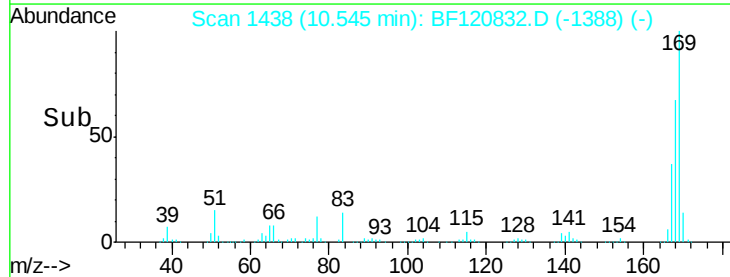
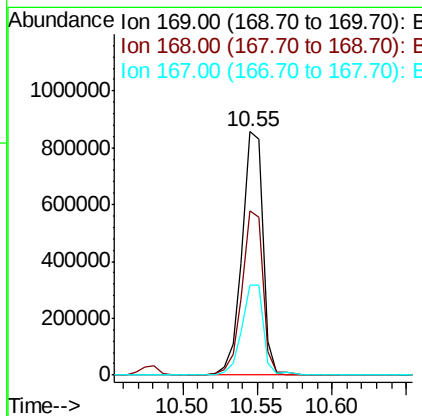
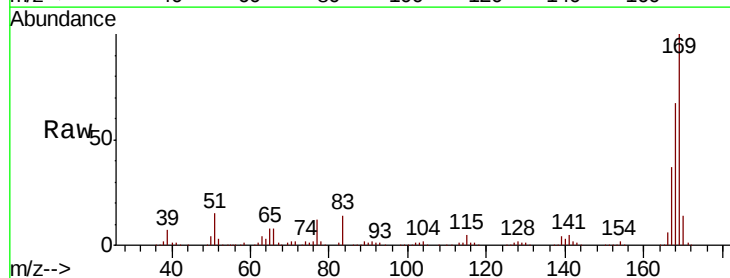
Instrument :
 BNA_F
 ClientSampleId :
 PB130117BSD

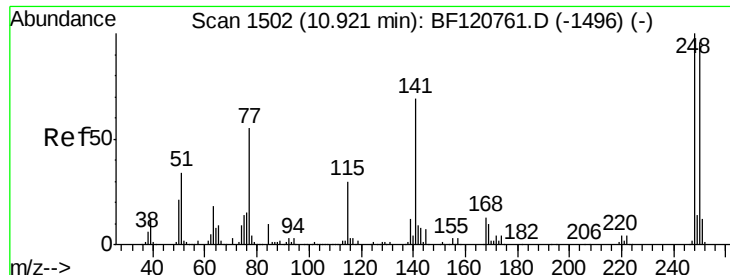
Tot Ion:198 Resp: 122039
 Ion Ratio Lower Upper
 198 100
 51 44.5 50.0 90.0#
 105 43.9 38.3 78.3



#66
 n-Nitrosodiphenylamine
 Concen: 47.331 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Tgt Ion:169 Resp: 830014
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.1 79.7
 167 37.2 29.6 44.4

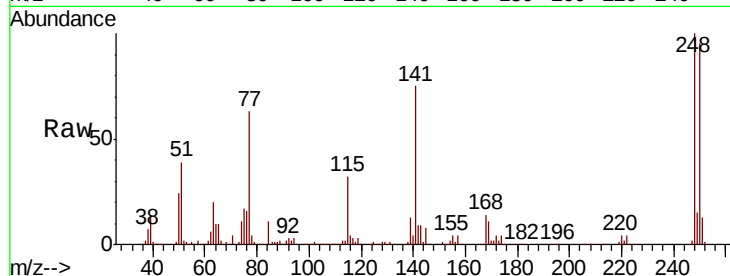




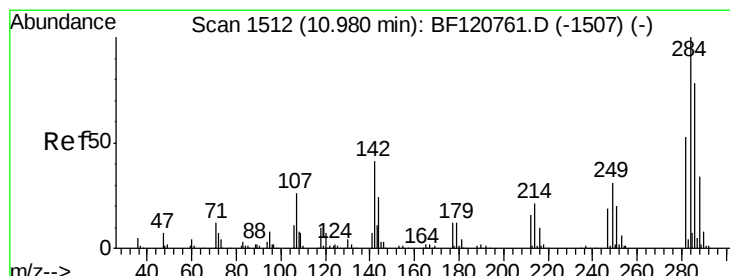
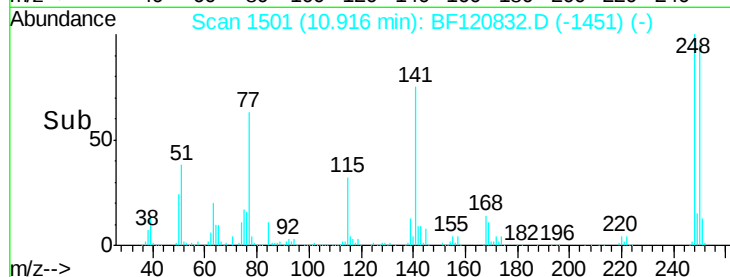
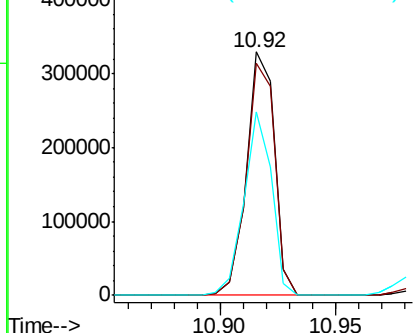
#67
 4-Bromophenyl-phenylether
 Concen: 46.056 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB130117BSD

Tot Ion:248 Resp: 279521
 Ion Ratio Lower Upper
 248 100
 250 95.5 76.5 114.7
 141 75.2 54.9 82.3

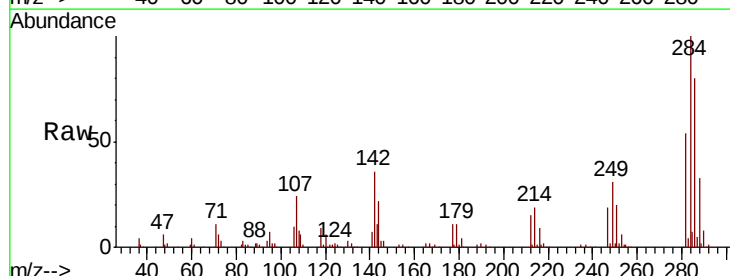


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

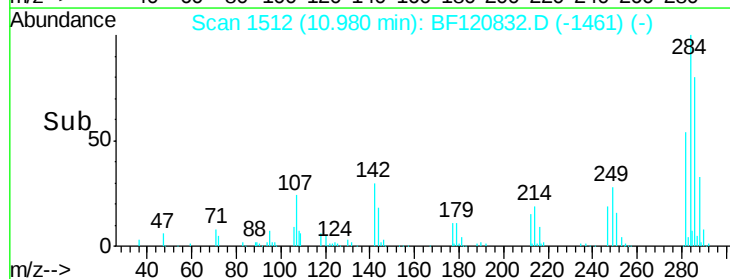
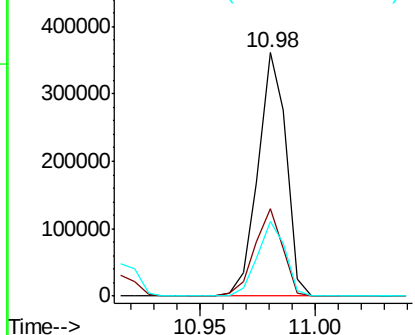


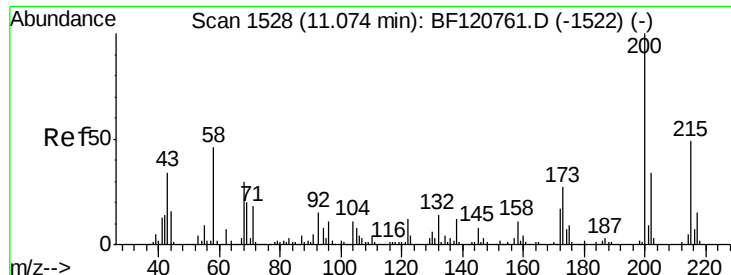
#68
 Hexachlorobenzene
 Concen: 48.298 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Tgt Ion:284 Resp: 307597
 Ion Ratio Lower Upper
 284 100
 142 36.0 32.5 48.7
 249 30.6 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: 51.476 ng

RT: 11.07 min Scan# 1528

Delta R.T. 0.00 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB130117BSD

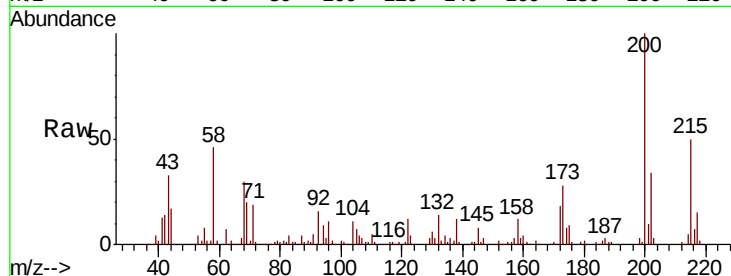
Tot Ion:200 Resp: 232556

Ion Ratio Lower Upper

200 100

173 28.2 7.4 47.4

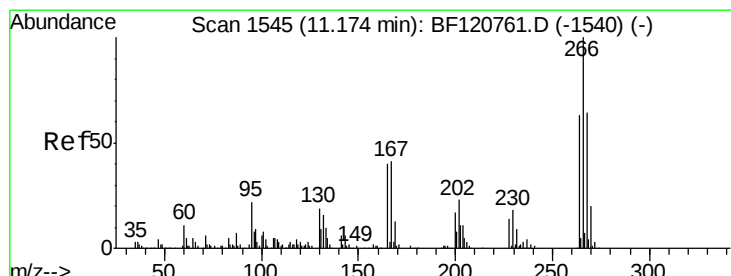
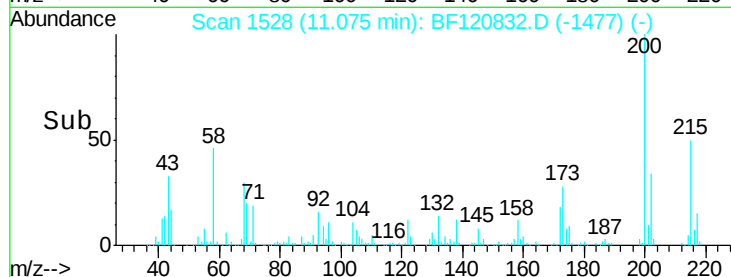
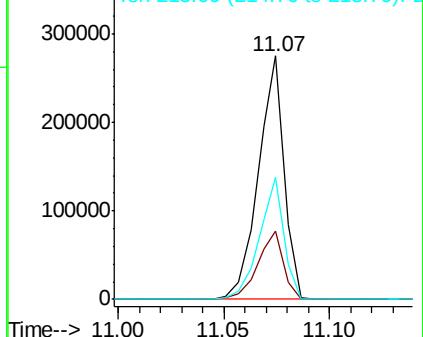
215 50.3 28.8 68.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 97.910 ng

RT: 11.17 min Scan# 1545

Delta R.T. 0.00 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

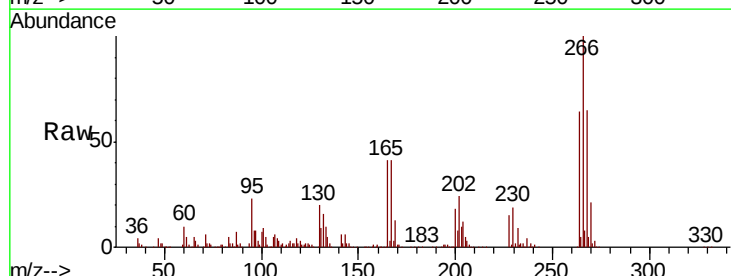
Tgt Ion:266 Resp: 352794

Ion Ratio Lower Upper

266 100

268 64.6 51.4 77.2

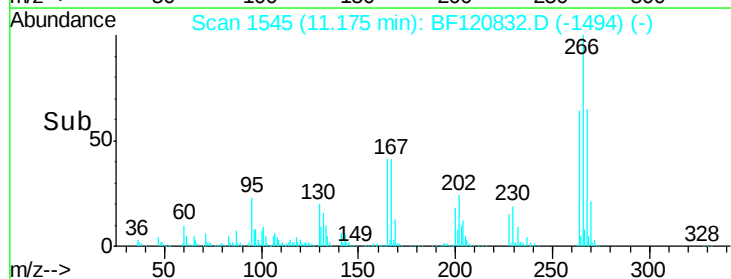
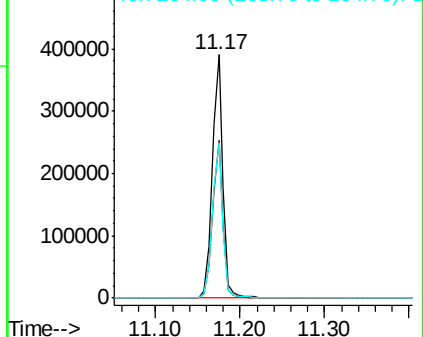
264 63.9 50.6 75.8

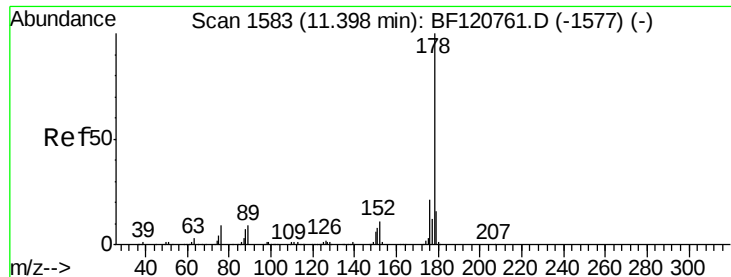


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

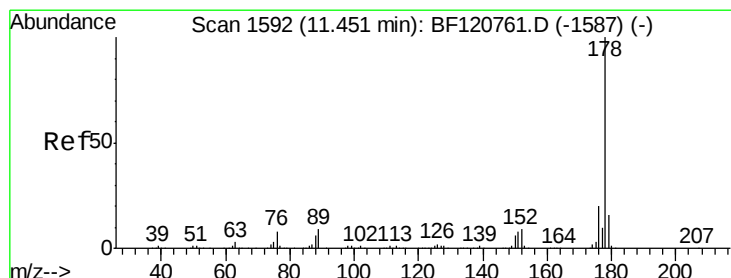
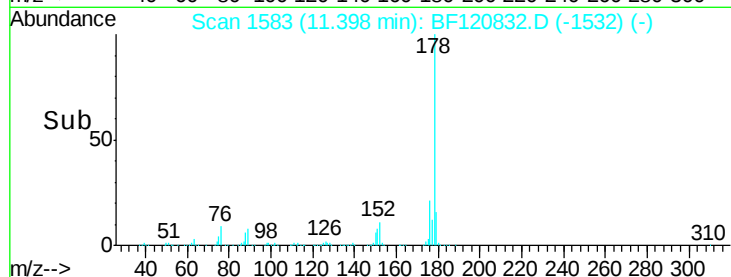
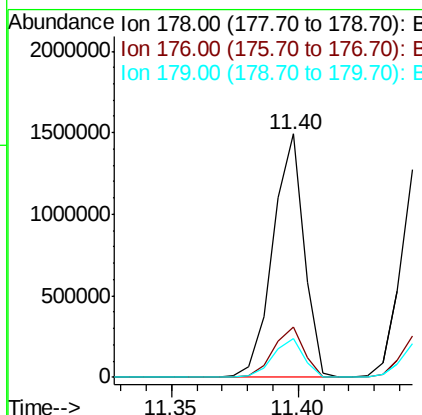
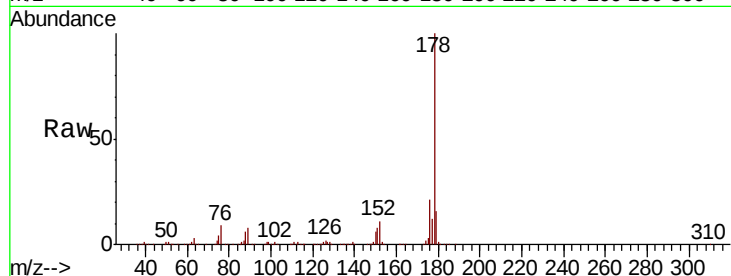




#71
Phenanthrene
Concen: 45.541 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

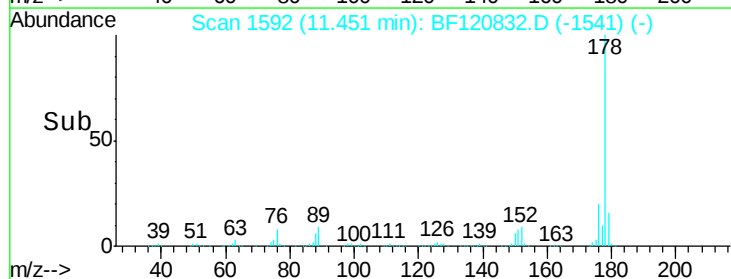
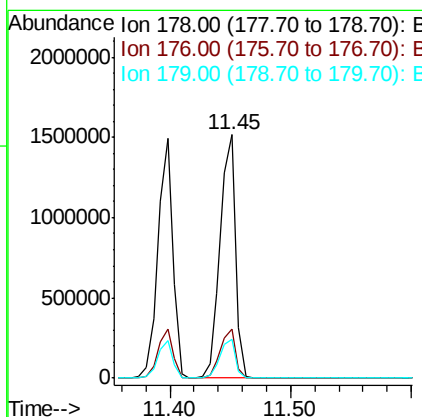
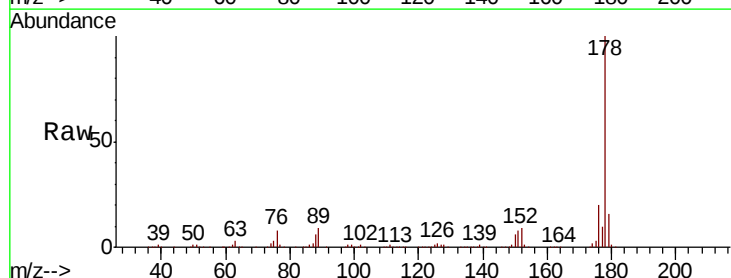
Instrument :
BNA_F
ClientSampleId :
PB130117BSD

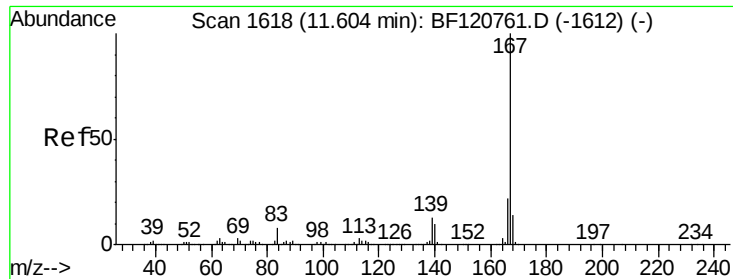
Tot Ion:178 Resp: 1292835
Ion Ratio Lower Upper
178 100
176 20.6 16.4 24.6
179 15.8 12.9 19.3



#72
Anthracene
Concen: 46.272 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Tgt Ion:178 Resp: 1327395
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.2
179 15.8 12.7 19.1



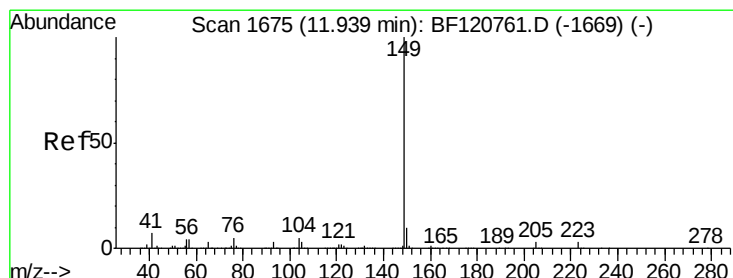
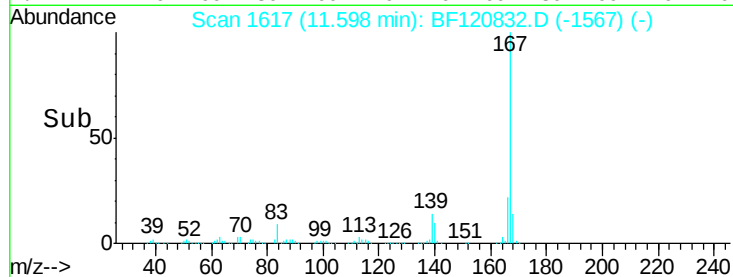
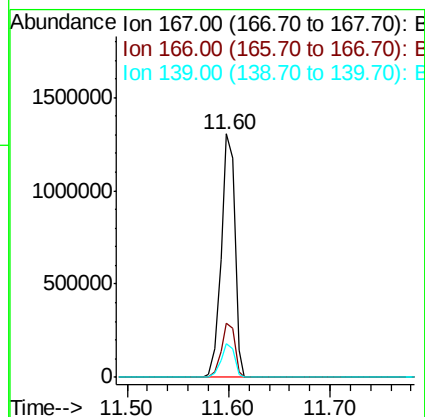
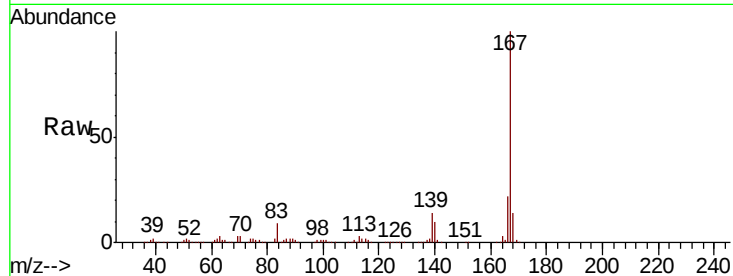


#73
 Carbazole
 Concen: 44.339 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB130117BSD

Tot Ion:167 Resp: 1222298

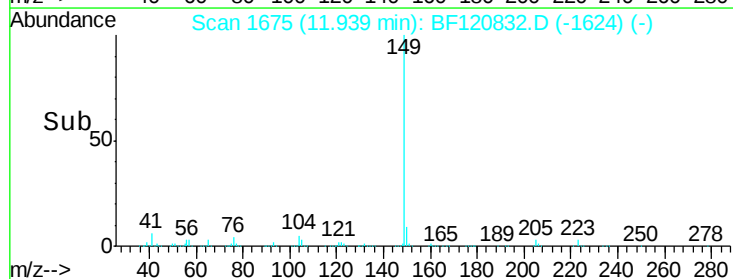
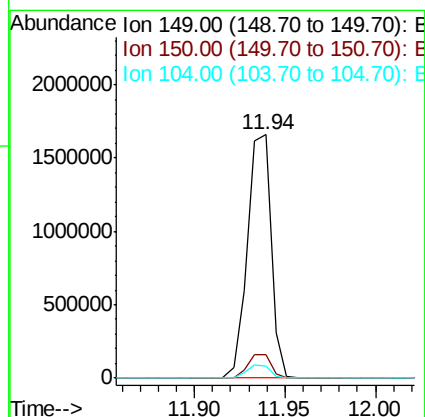
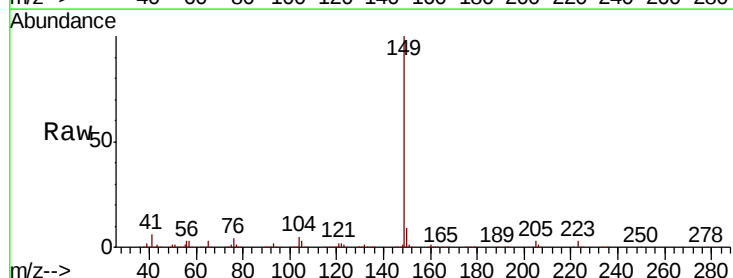
Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.8
139	13.6	10.7	16.1



#74
 Di-n-butylphthalate
 Concen: 44.172 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Tgt Ion:149 Resp: 1507563

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.0	4.0	6.0

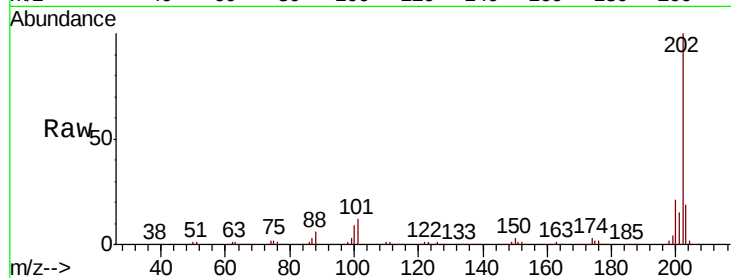




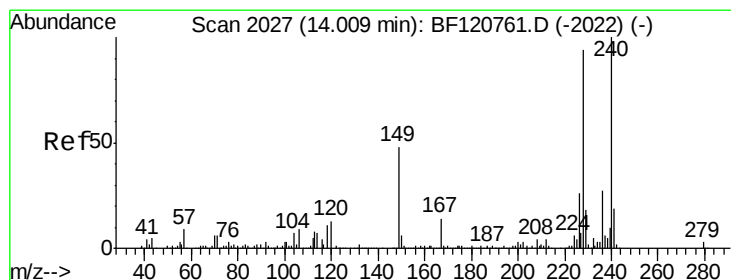
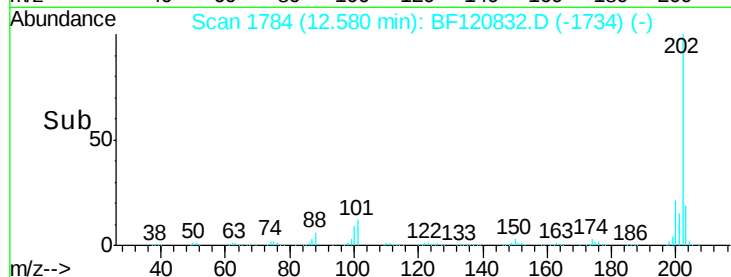
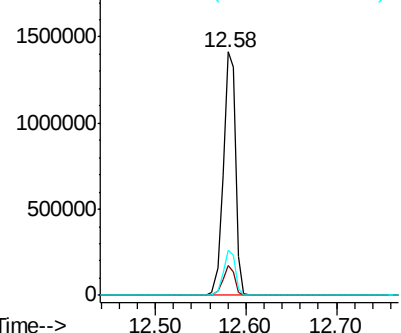
#75
 Fluoranthene
 Concen: 45.052 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB130117BSD

Tot Ion:202 Resp: 1362431
 Ion Ratio Lower Upper
 202 100
 101 12.3 0.0 31.6
 203 18.5 0.0 38.2

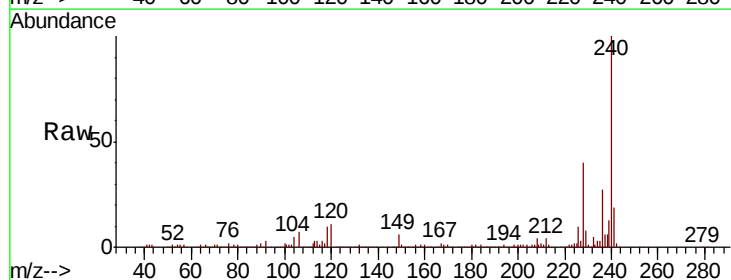


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

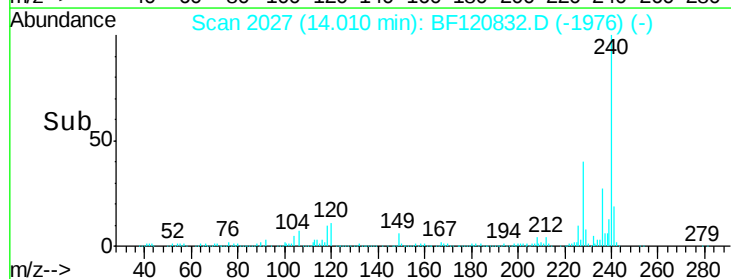
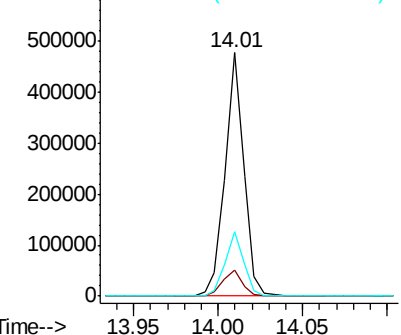


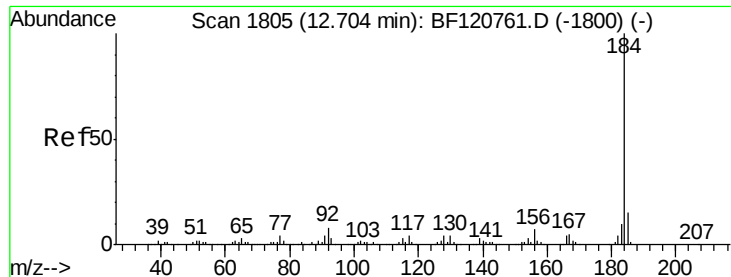
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Tgt Ion:240 Resp: 368375
 Ion Ratio Lower Upper
 240 100
 120 10.9 10.3 15.5
 236 26.7 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: 59.058 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB130117BSD

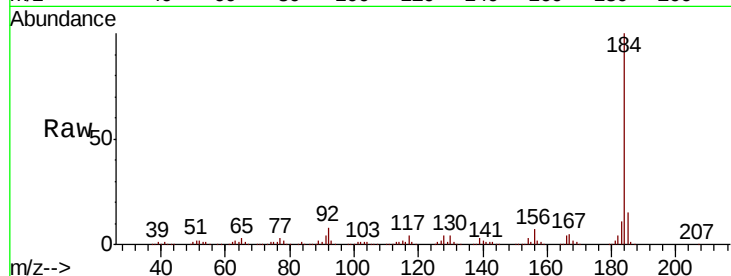
Tot Ion:184 Resp: 614063

Ion Ratio Lower Upper

184 100

185 15.2 11.8 17.8

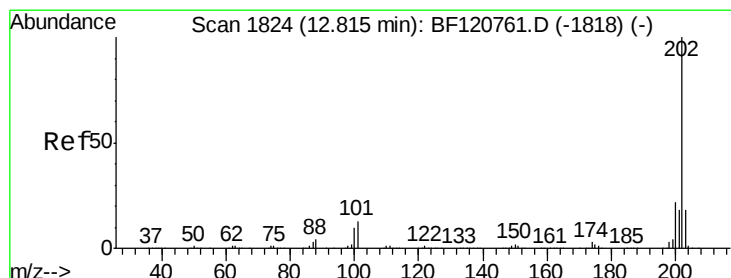
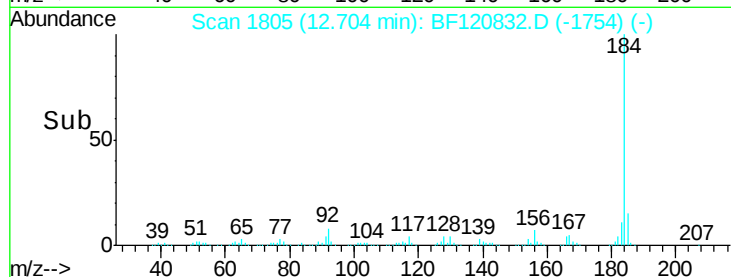
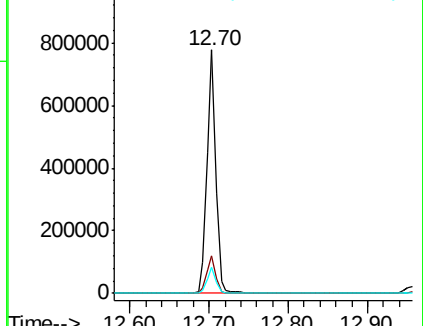
183 10.9 8.3 12.5



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: 46.764 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

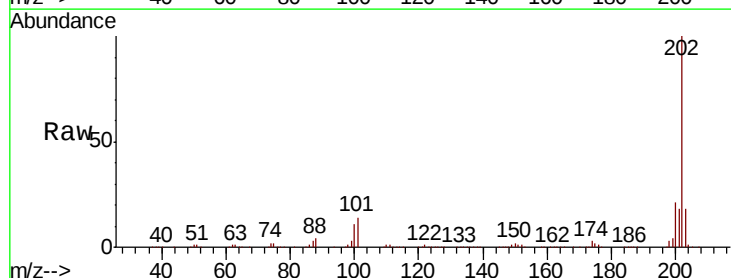
Tgt Ion:202 Resp: 1375819

Ion Ratio Lower Upper

202 100

200 21.5 17.3 25.9

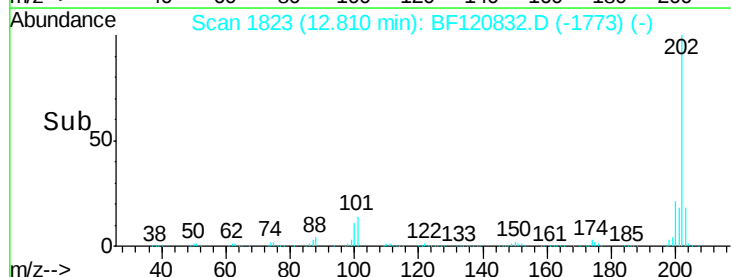
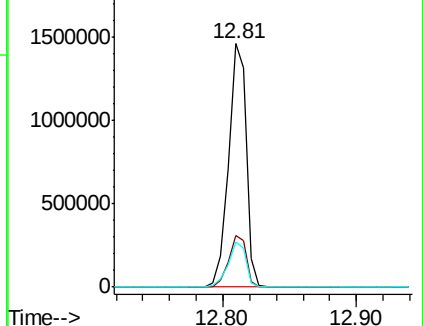
203 18.4 14.6 22.0



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: 100.468 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB130117BSD

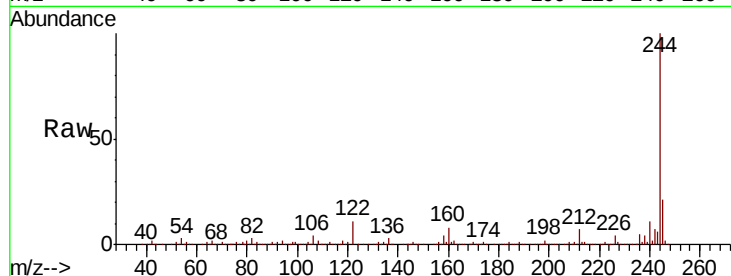
Tot Ion:244 Resp: 1890308

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

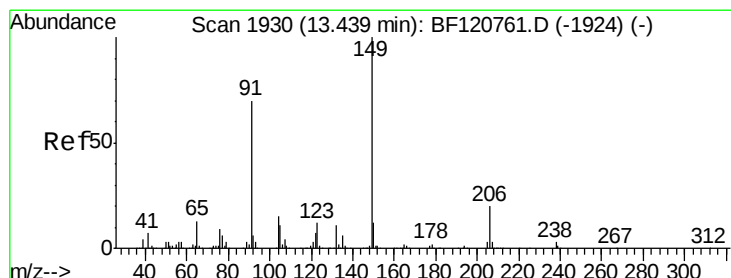
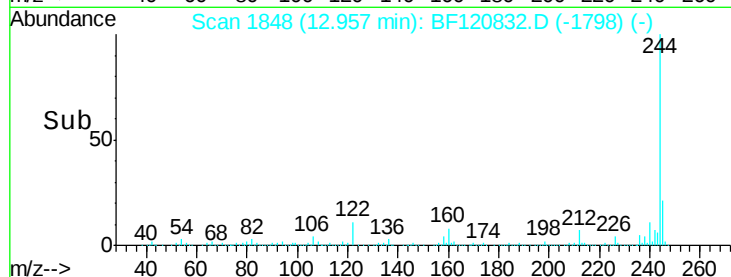
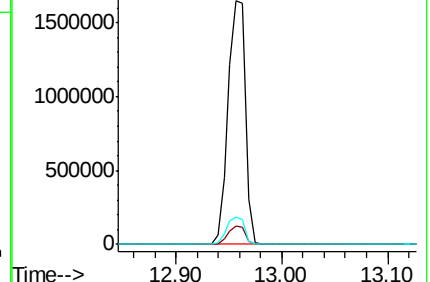
122 11.1 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.257 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

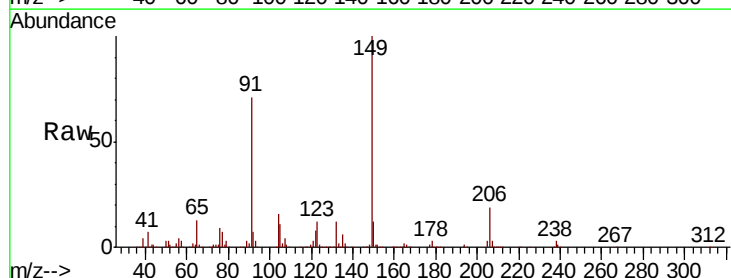
Tgt Ion:149 Resp: 574845

Ion Ratio Lower Upper

149 100

91 70.9 55.8 83.8

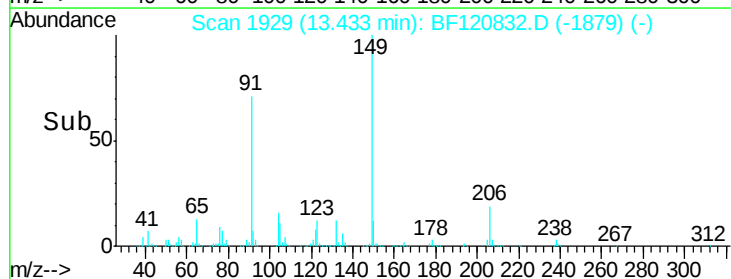
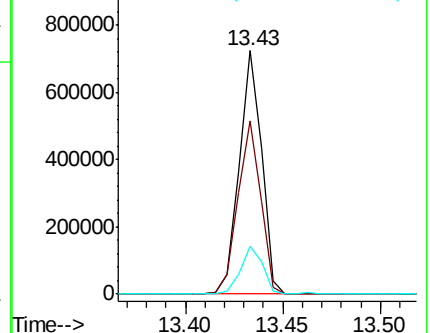
206 19.4 15.7 23.5

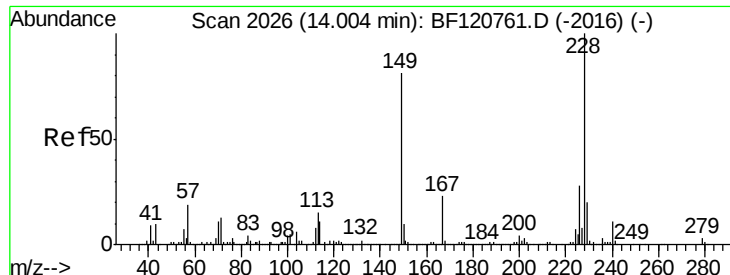


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.331 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB130117BSD

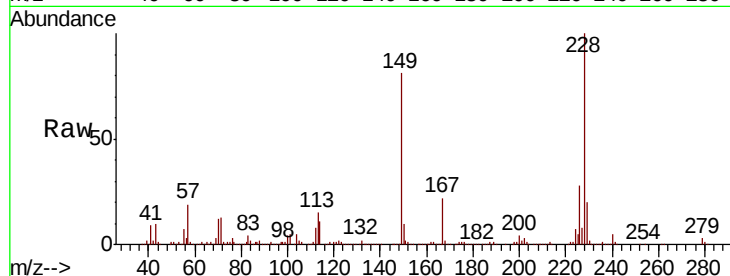
Tot Ion:228 Resp: 1046807

Ion Ratio Lower Upper

228 100

226 28.5 22.6 33.8

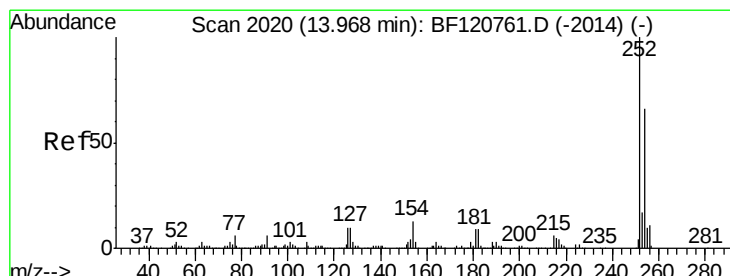
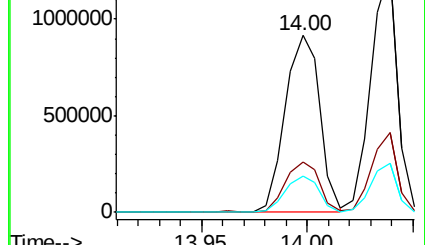
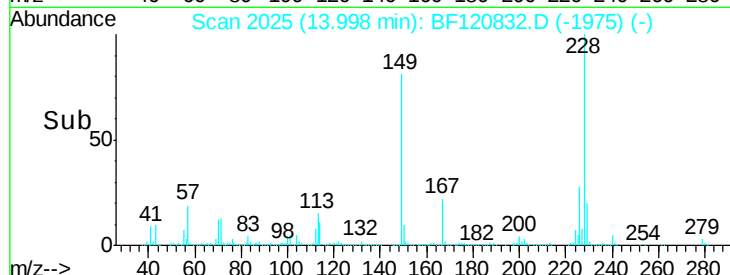
229 20.4 15.8 23.6



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: 32.480 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

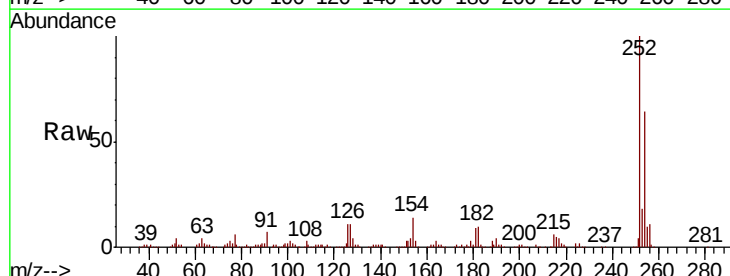
Tgt Ion:252 Resp: 258826

Ion Ratio Lower Upper

252 100

254 63.9 52.6 78.8

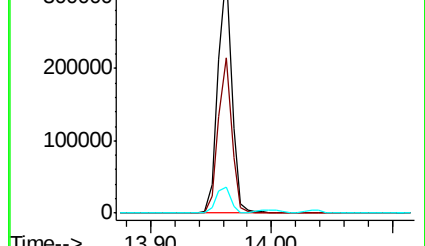
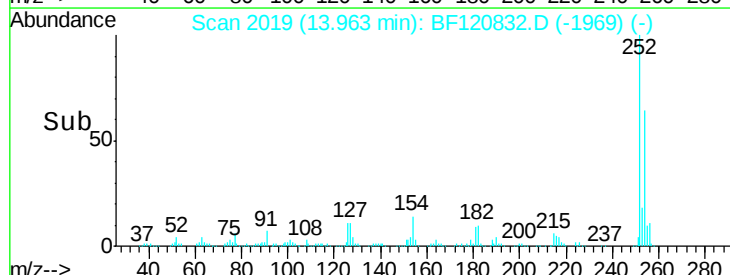
126 10.7 7.8 11.8



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

Chrysene

Concen: 45.556 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB130117BSD

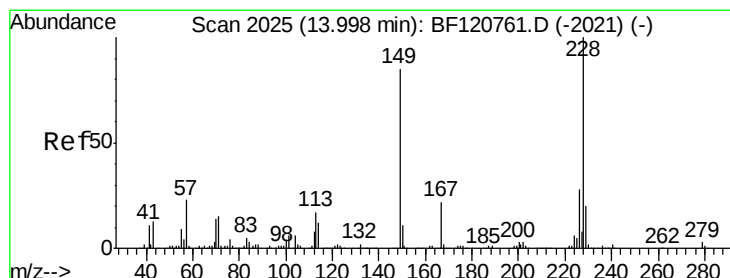
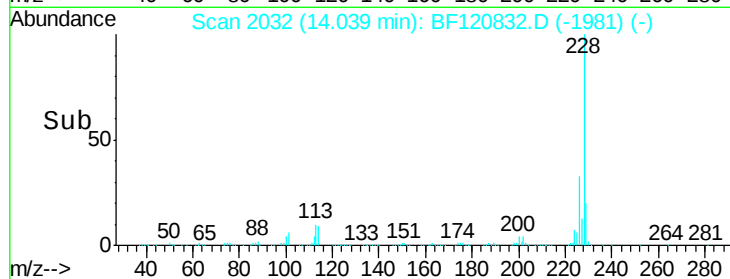
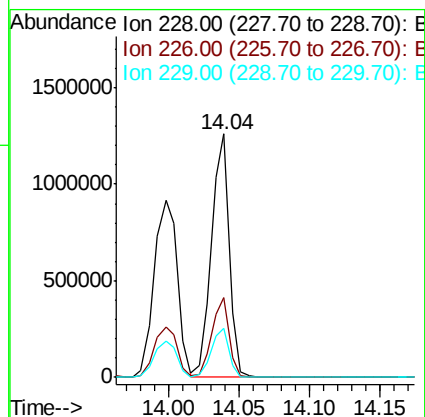
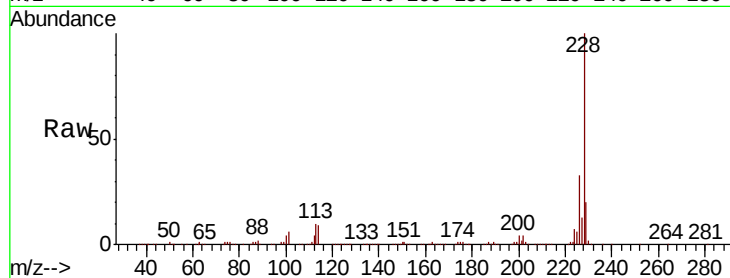
Tot Ion:228 Resp: 1097276

Ion Ratio Lower Upper

228 100

226 32.5 25.7 38.5

229 20.3 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.808 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

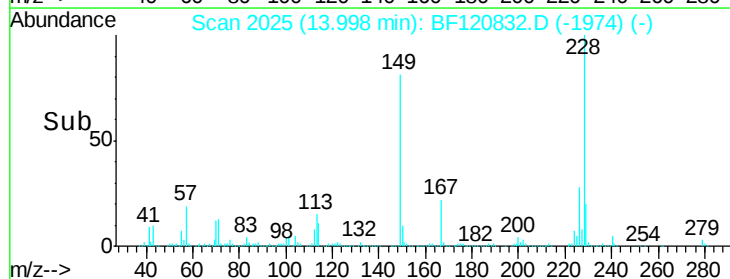
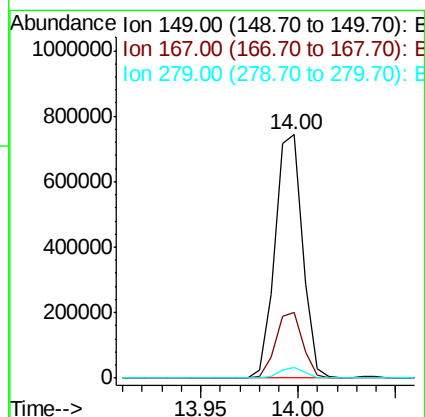
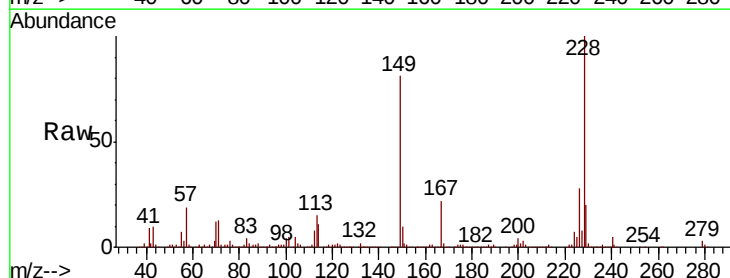
Tgt Ion:149 Resp: 729693

Ion Ratio Lower Upper

149 100

167 26.8 20.9 31.3

279 4.3 2.6 4.0#

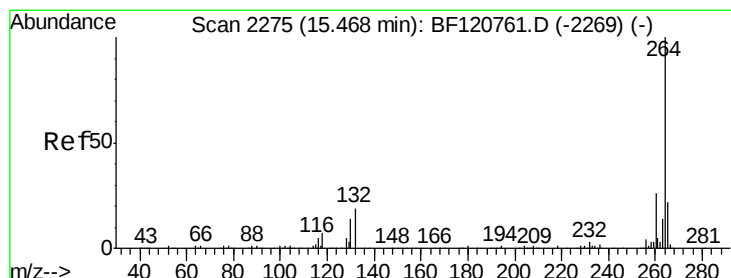
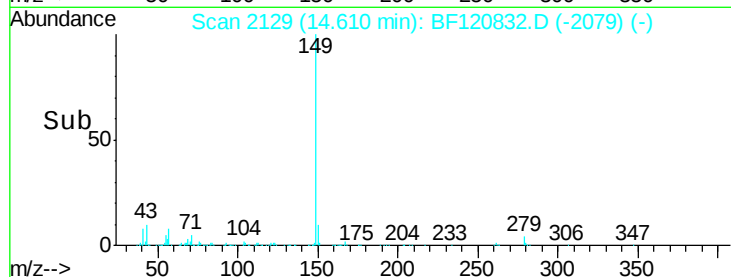
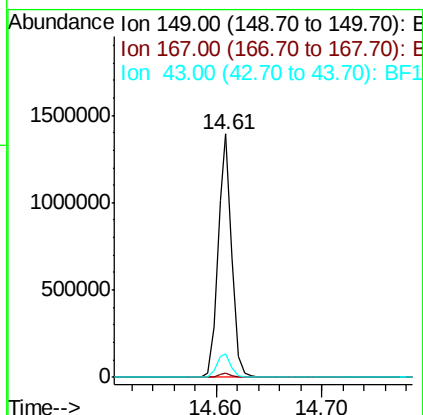
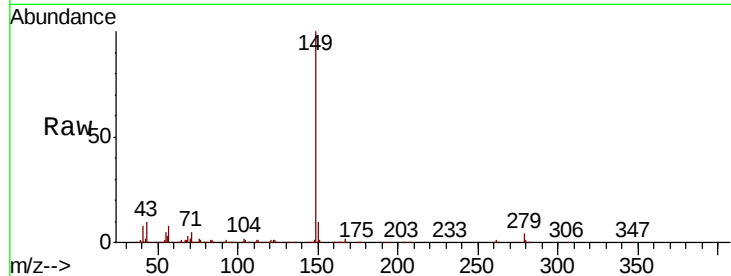




#85
Di-n-octyl phthalate
Concen: 42.906 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

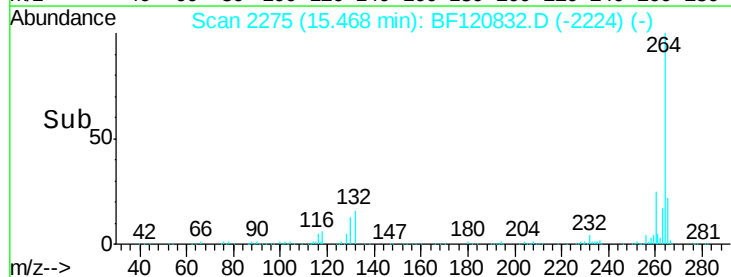
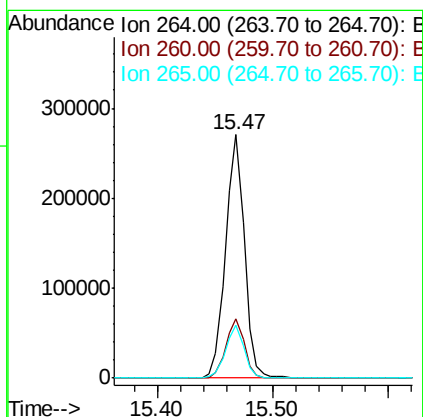
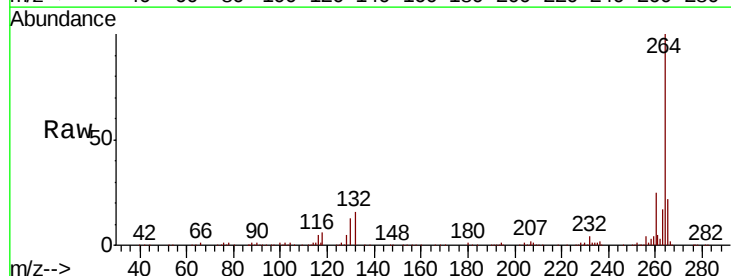
Instrument :
BNA_F
ClientSampleId :
PB130117BSD

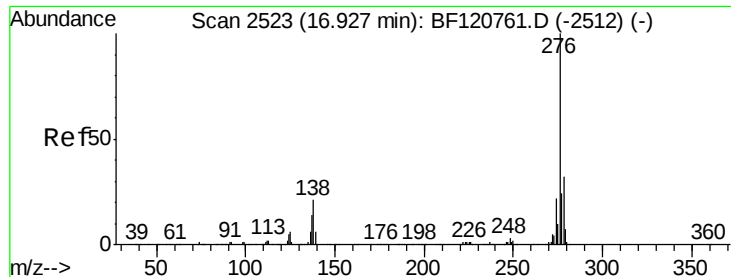
Tot Ion:149 Resp: 1264309
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.5 8.7 13.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Tgt Ion:264 Resp: 305630
Ion Ratio Lower Upper
264 100
260 24.5 20.6 30.8
265 21.6 17.6 26.4

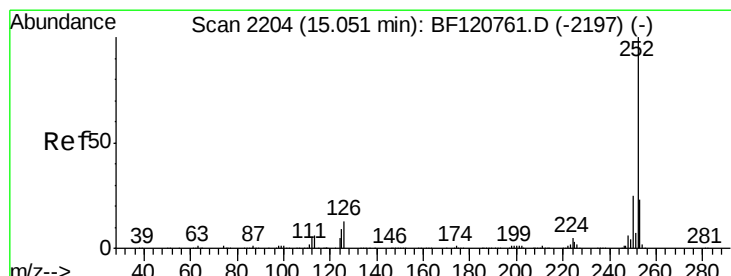
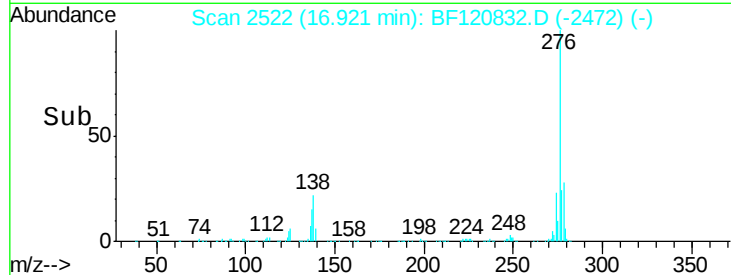
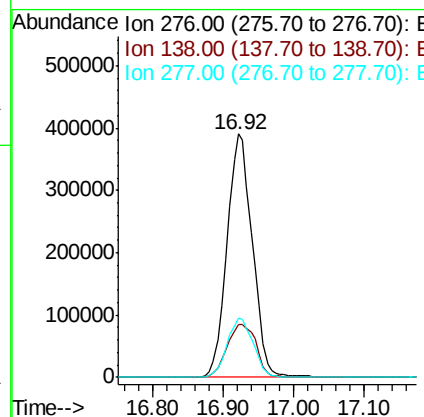
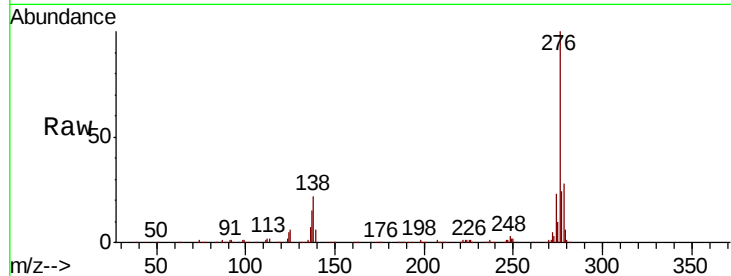




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.626 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

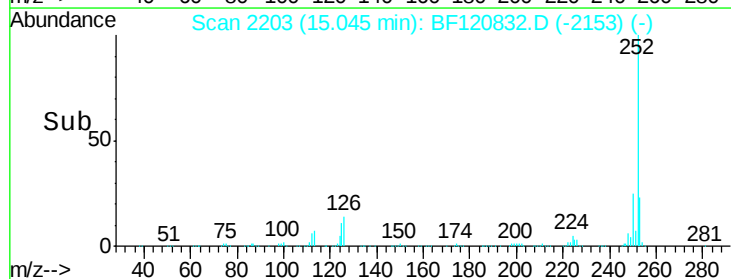
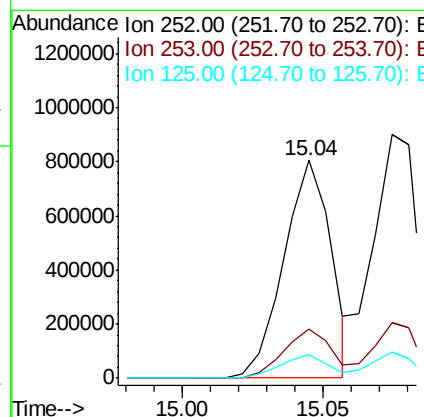
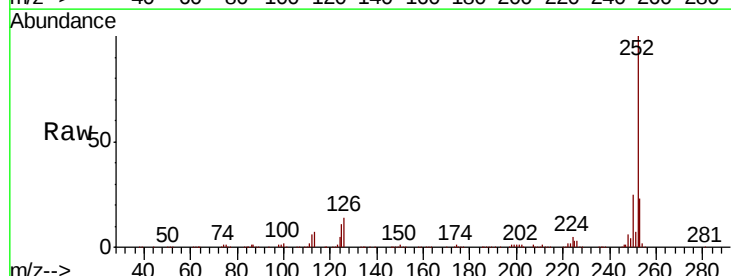
Instrument :
 BNA_F
 ClientSampleId :
 PB130117BSD

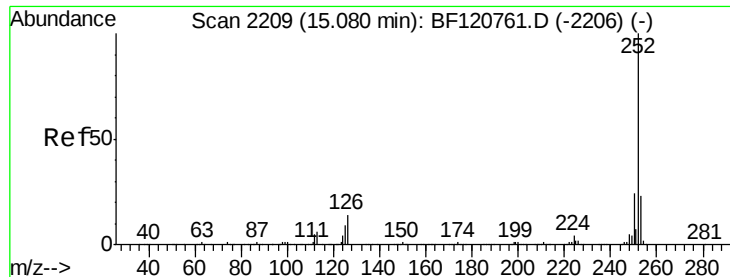
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	19.8	29.8
277	25.0	19.9	29.9



#88
 Benzo(b)fluoranthene
 Concen: 46.494 ng
 RT: 15.04 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.5	7.5	11.3

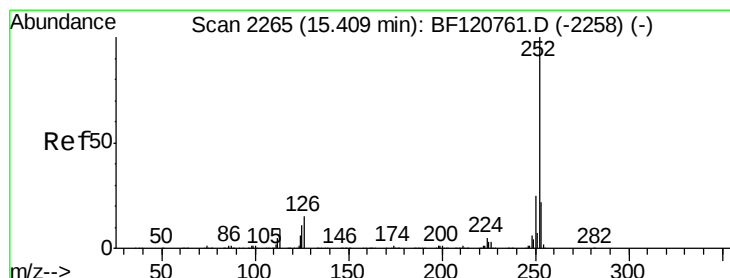
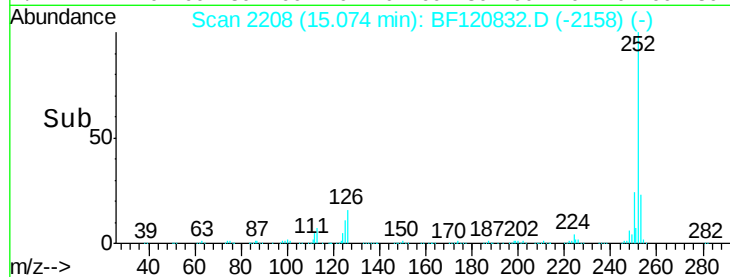
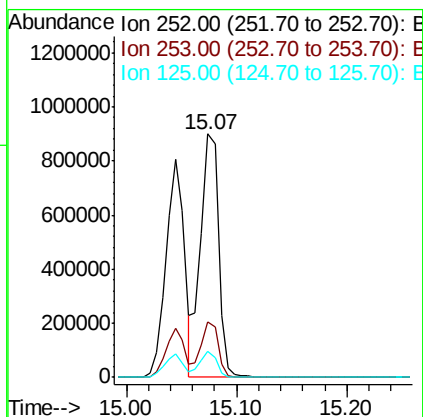
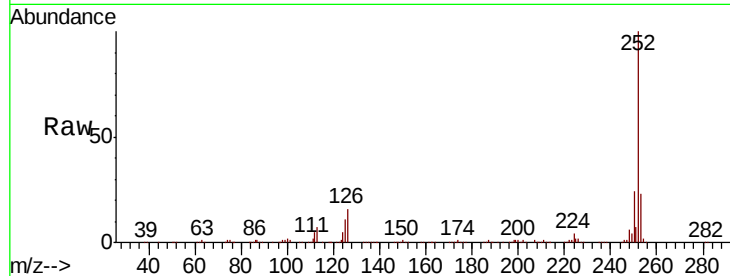




#89
Benzo(k)fluoranthene
Concen: 51.078 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

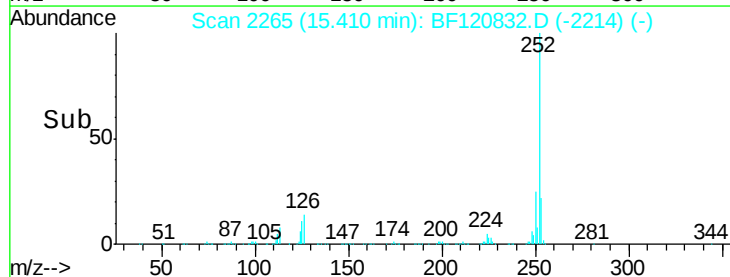
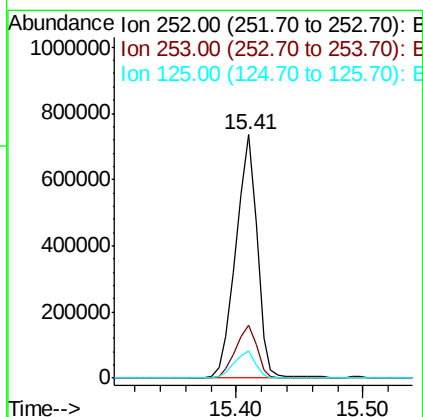
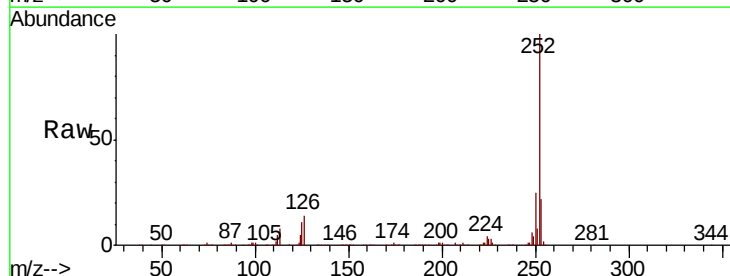
Instrument :
BNA_F
ClientSampleId :
PB130117BSD

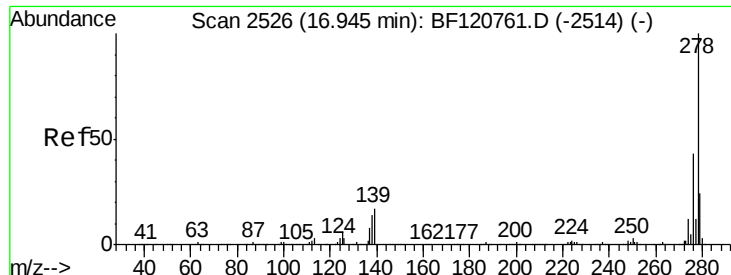
Tot Ion:252 Resp: 998653
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 10.9 7.6 11.4



#90
Benzo(a)pyrene
Concen: 47.775 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Tgt Ion:252 Resp: 856314
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 11.2 9.2 13.8



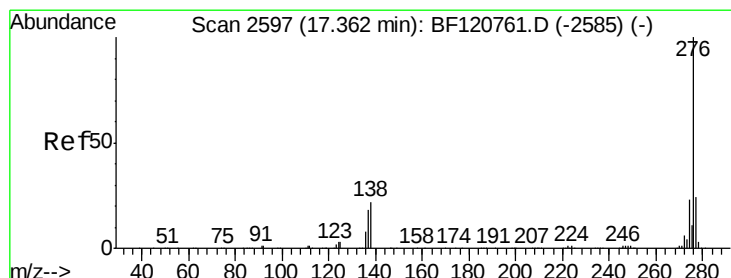
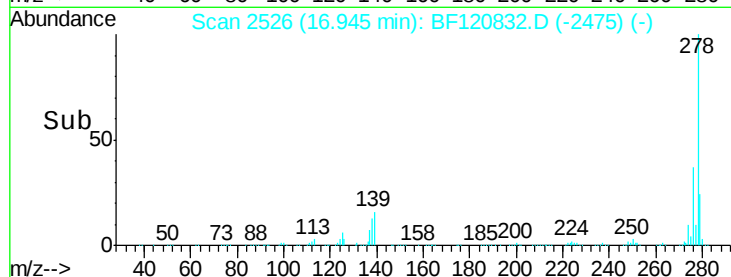
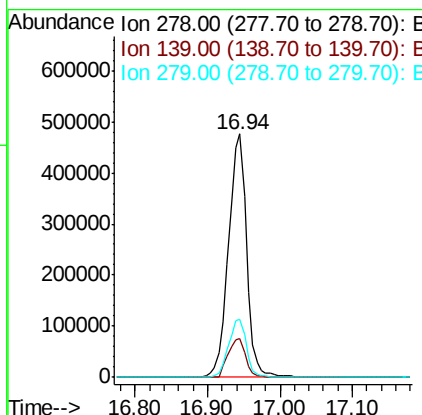
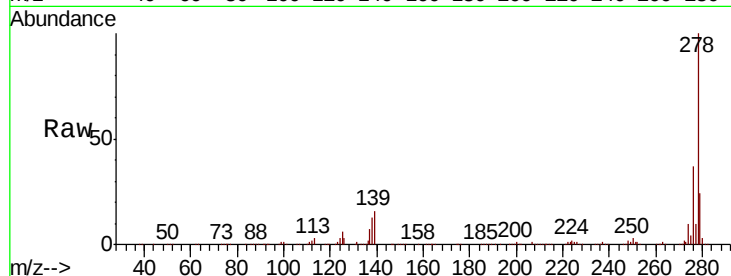


#91
Dibenzo(a,h)anthracene
Concen: 50.910 ng
RT: 16.94 min Scan# 2526
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB130117BSD

Tot Ion:278 Resp: 831818

Ion	Ratio	Lower	Upper
278	100		
139	15.7	13.3	19.9
279	23.8	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 50.520 ng
RT: 17.36 min Scan# 2597
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Tgt Ion:276 Resp: 754396

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	21.2	17.4	26.2

