

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
 Data File : BF120930.D
 Acq On : 20 Jul 2020 13:25
 Operator : JU/CG
 Sample : PB130296BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130296BS

Quant Time: Jul 20 14:16:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	178268	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	677563	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	347414	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	648379	20.00	ng	0.00
76) Chrysene-d12	13.98	240	507782	20.00	ng	0.00
86) Perylene-d12	15.42	264	516227	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1121670	103.15	ng	0.02
7) Phenol-d6	6.45	99	1386816	98.73	ng	0.00
23) Nitrobenzene-d5	7.38	82	863414	73.73	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	404327	106.32	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1587868	68.24	ng	0.00
79) Terphenyl-d14	12.93	244	1572985	67.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	175998	35.167	ng	99
3) Pyridine	3.35	79	495227	37.198	ng	98
4) n-Nitrosodimethylamine	3.30	42	232649	40.866	ng	96
6) Aniline	6.48	93	602573	32.863	ng	98
8) 2-Chlorophenol	6.60	128	514956	42.987	ng	98
9) Benzaldehyde	6.36	77	129322	15.604	ng	99
10) Phenol	6.46	94	625007	40.449	ng	95
11) bis(2-Chloroethyl)ether	6.55	93	484415	40.906	ng	98
12) 1,3-Dichlorobenzene	6.76	146	517536	39.841	ng	99
13) 1,4-Dichlorobenzene	6.83	146	524832	40.632	ng	99
14) 1,2-Dichlorobenzene	6.99	146	506689	41.465	ng	99
15) Benzyl Alcohol	6.96	79	400103	40.277	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	686670	40.230	ng	99
17) 2-Methylphenol	7.07	107	406185	38.255	ng	99
18) Hexachloroethane	7.33	117	194300	41.561	ng	94
19) n-Nitroso-di-n-propylamine	7.23	70	316783	39.660	ng	97
20) 3+4-Methylphenols	7.22	107	460204	34.072	ng	94
22) Acetophenone	7.23	105	617085	40.580	ng	# 93
24) Nitrobenzene	7.40	77	515998	40.885	ng	99
25) Isophorone	7.64	82	937621	40.121	ng	97
26) 2-Nitrophenol	7.72	139	263214	43.913	ng	98
27) 2,4-Dimethylphenol	7.76	122	427052	43.881	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	603594	42.311	ng	100
29) 2,4-Dichlorophenol	7.96	162	420700	42.304	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	450469	40.828	ng	98
31) Naphthalene	8.12	128	1398176	40.229	ng	99
32) Benzoic acid	7.88	122	294383	40.296	ng	98
33) 4-Chloroaniline	8.17	127	387905	25.019	ng	99
34) Hexachlorobutadiene	8.24	225	260451	40.044	ng	100
35) Caprolactam	8.55	113	96076	30.127	ng	96
36) 4-Chloro-3-methylphenol	8.66	107	428277	41.991	ng	95
37) 2-Methylnaphthalene	8.82	142	949997	42.097	ng	100
38) 1-Methylnaphthalene	8.92	142	896803	41.959	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	413514	40.852	ng	99

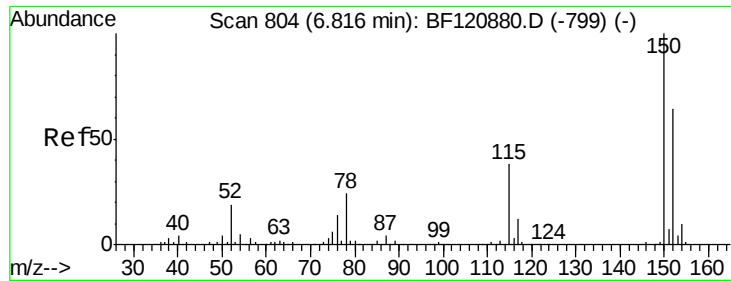
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	493663	88.244	ng	97
43) 2,4,6-Trichlorophenol	9.09	196	312290	43.818	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	328479	40.632	ng	99
46) 1,1'-Biphenyl	9.28	154	1113204	42.007	ng	99
47) 2-Chloronaphthalene	9.30	162	882351	40.838	ng	98
48) 2-Nitroaniline	9.40	65	269656	41.298	ng	96
49) Acenaphthylene	9.72	152	1381397	41.155	ng	100
50) Dimethylphthalate	9.58	163	1028324	41.028	ng	99
51) 2,6-Dinitrotoluene	9.64	165	233714	43.403	ng	94
52) Acenaphthene	9.89	154	828959	38.845	ng	100
53) 3-Nitroaniline	9.80	138	178244	26.393	ng	97
54) 2,4-Dinitrophenol	9.92	184	233919	75.858	ng	87
55) Dibenzofuran	10.06	168	1243807	40.305	ng	99
56) 4-Nitrophenol	9.97	139	412997	80.505	ng	96
57) 2,4-Dinitrotoluene	10.05	165	312853	44.243	ng	98
58) Fluorene	10.40	166	904314	39.291	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	280497	45.571	ng	96
60) Diethylphthalate	10.28	149	1033598	40.771	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	450139	36.668	ng	95
62) 4-Nitroaniline	10.42	138	250602	38.094	ng	99
63) Azobenzene	10.56	77	981975	40.687	ng	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	163645	43.960	ng	97
66) n-Nitrosodiphenylamine	10.52	169	875170	42.907	ng	100
67) 4-Bromophenyl-phenylether	10.89	248	301819	41.752	ng	93
68) Hexachlorobenzene	10.95	284	340686	43.567	ng	# 91
69) Atrazine	11.05	200	257600	50.996	ng	100
70) Pentachlorophenol	11.15	266	391152	87.314	ng	99
71) Phenanthrene	11.36	178	1405964	42.162	ng	100
72) Anthracene	11.42	178	1424987	42.557	ng	99
73) Carbazole	11.57	167	1347459	40.549	ng	99
74) Di-n-butylphthalate	11.90	149	1598352	41.681	ng	100
75) Fluoranthene	12.55	202	1536240	41.563	ng	99
77) Benzidine	12.67	184	669237	50.128	ng	100
78) Pyrene	12.78	202	1543914	43.006	ng	99
80) Butylbenzylphthalate	13.40	149	701629	43.841	ng	99
81) Benzo(a)anthracene	13.97	228	1245491	40.505	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	405048	34.916	ng	99
83) Chrysene	14.00	228	1346920	41.683	ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	832408	42.180	ng	# 99
85) Di-n-octyl phthalate	14.57	149	1639157	41.749	ng	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1422653	39.626	ng	99
88) Benzo(b)fluoranthene	15.01	252	1387071	44.452	ng	99
89) Benzo(k)fluoranthene	15.04	252	1285651	45.177	ng	100
90) Benzo(a)pyrene	15.37	252	1218144	42.788	ng	99
91) Dibenzo(a,h)anthracene	16.88	278	1175442	40.081	ng	99
92) Benzo(g,h,i)perylene	17.29	276	1128731	39.035	ng	98

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

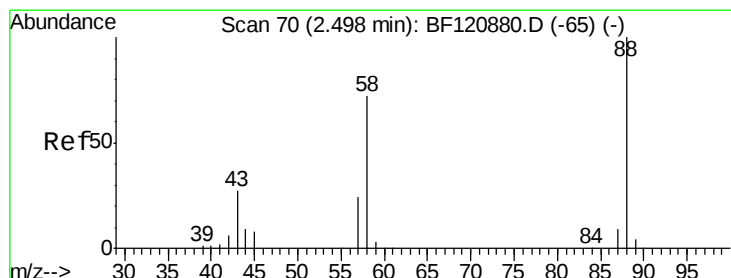
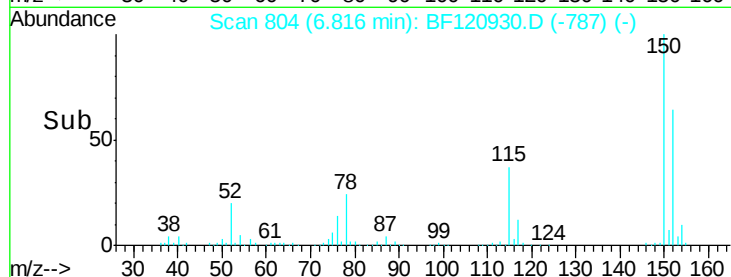
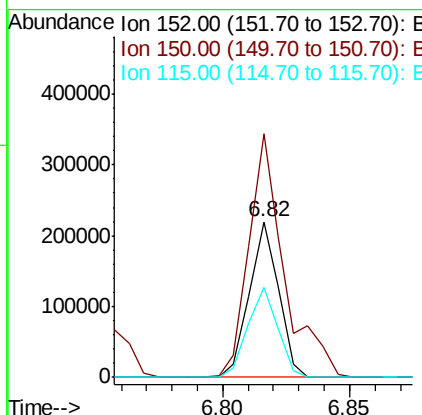
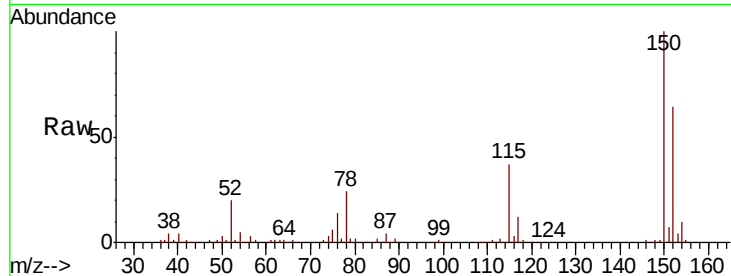


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Instrument :
BNA_F
ClientSampleId :
PB130296BS

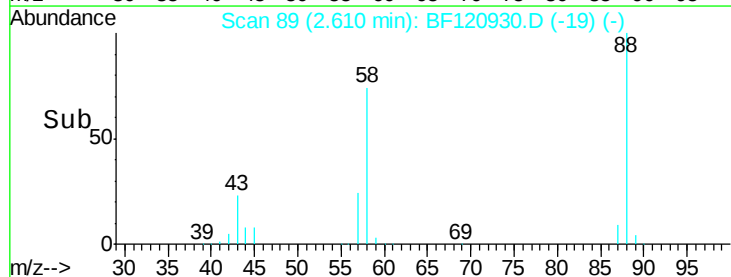
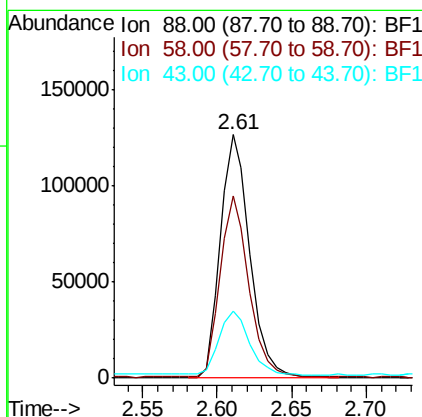
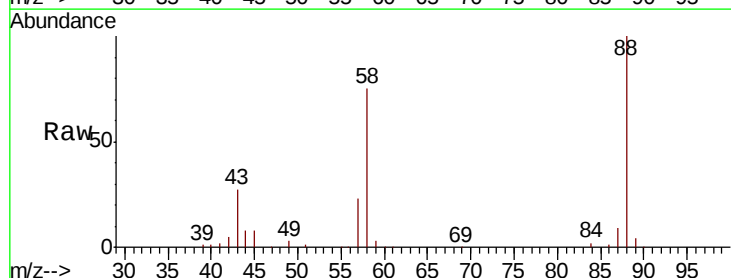
Tot Ion:152 Resp: 178268
Ion Ratio Lower Upper
152 100
150 156.3 125.0 187.6
115 57.5 47.0 70.4

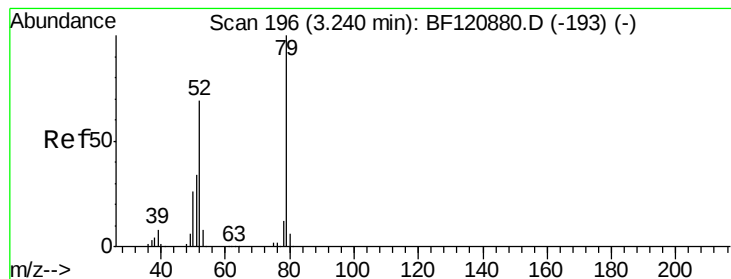


#2

1,4-Dioxane
Concen: 35.167 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.11 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion: 88 Resp: 175998
Ion Ratio Lower Upper
88 100
58 72.5 58.2 87.2
43 26.7 22.1 33.1





#3

Pvridine

Concen: 37.198 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.11 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Instrument :

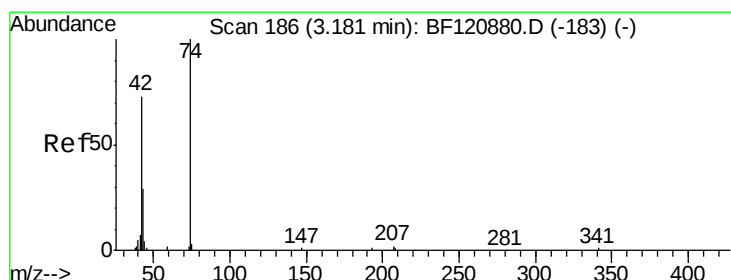
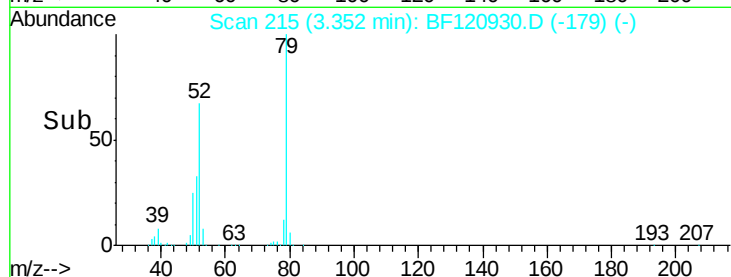
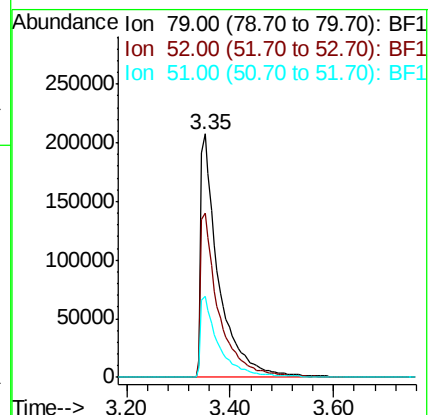
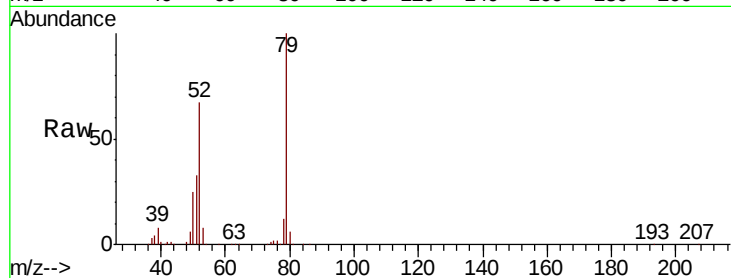
BNA_F

ClientSampled :

PB130296BS

Tot Ion: 79 Resp: 495227

Ion	Ratio	Lower	Upper
79	100		
52	67.3	55.0	82.6
51	33.1	26.9	40.3



#4

n-Nitrosodimethylamine

Concen: 40.866 ng

RT: 3.30 min Scan# 206

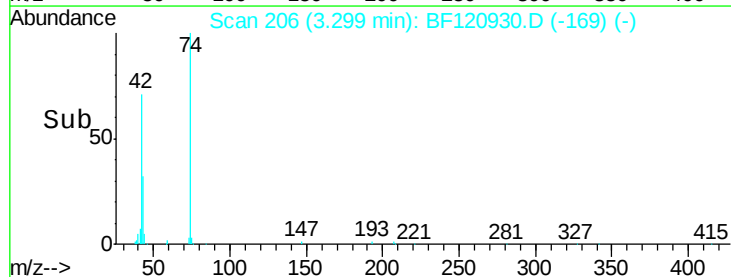
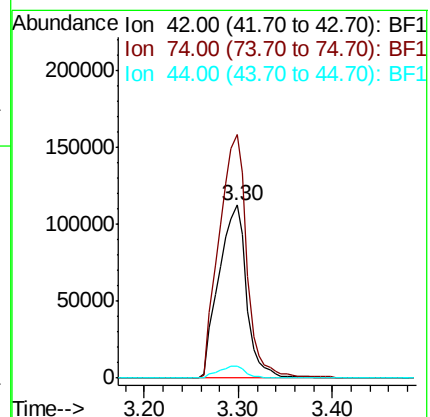
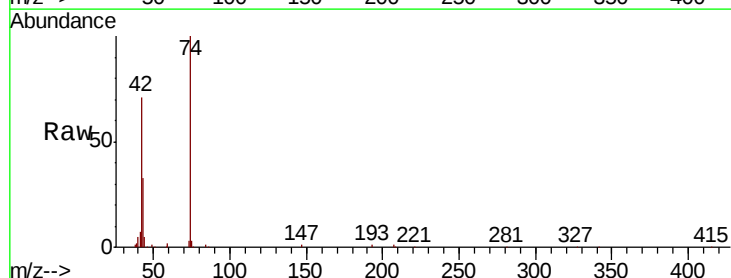
Delta R.T. 0.12 min

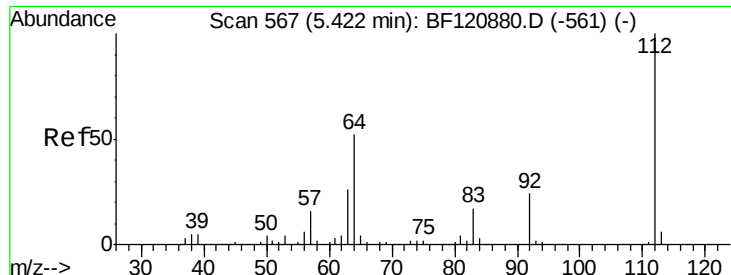
Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Tgt Ion: 42 Resp: 232649

Ion	Ratio	Lower	Upper
42	100		
74	141.1	108.7	163.1
44	7.3	5.2	7.8





#5

2-Fluorophenol

Concen: 103.149 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Instrument :

BNA_F

ClientSampleId :

PB130296BS

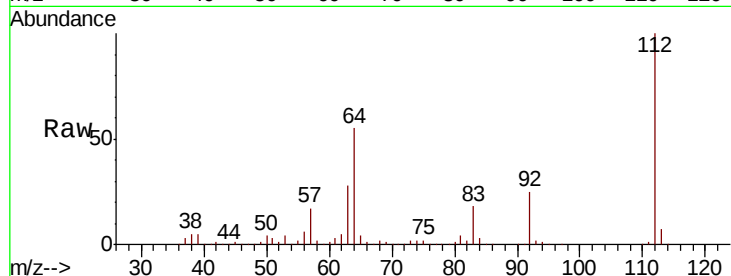
Tot Ion:112 Resp: 1121670

Ion Ratio Lower Upper

112 100

64 54.6 41.3 61.9

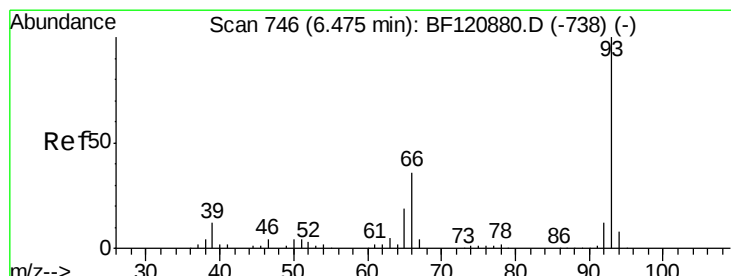
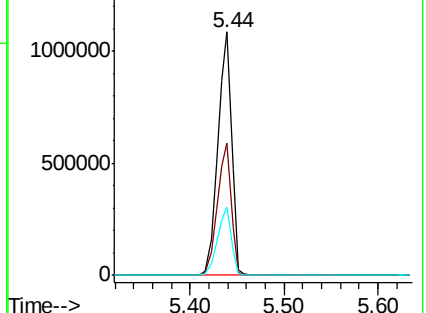
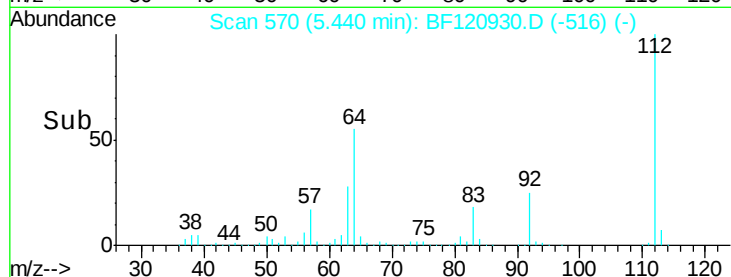
63 27.9 21.1 31.7



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: 32.863 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

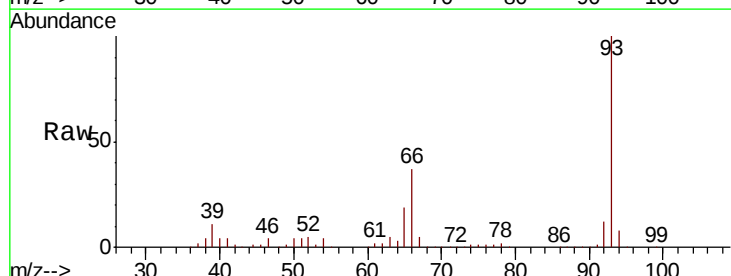
Tgt Ion: 93 Resp: 602573

Ion Ratio Lower Upper

93 100

66 36.5 30.2 45.4

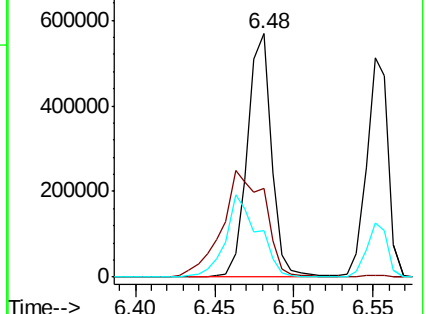
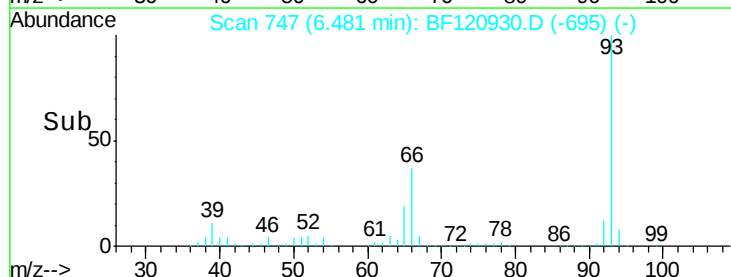
65 19.1 15.8 23.6

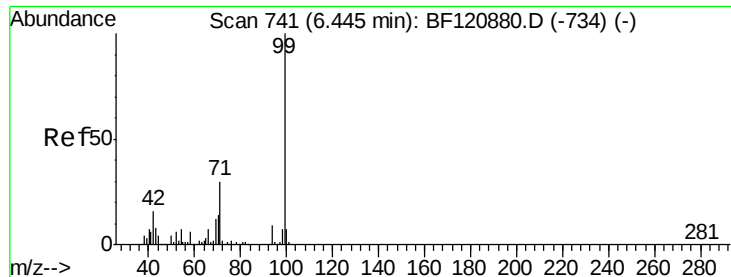


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 98.728 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

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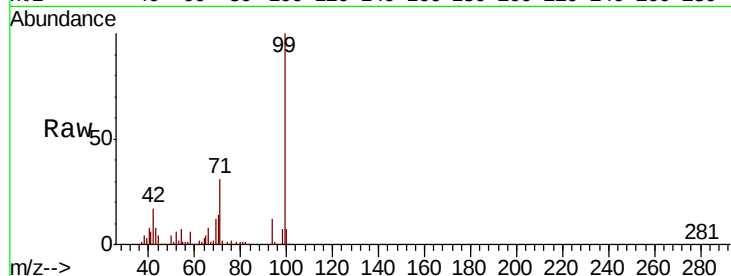
Tot Ion: 99 Resp: 1386816

Ion Ratio Lower Upper

99 100

42 16.8 13.1 19.7

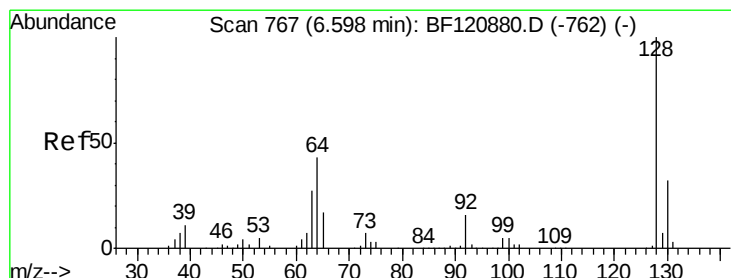
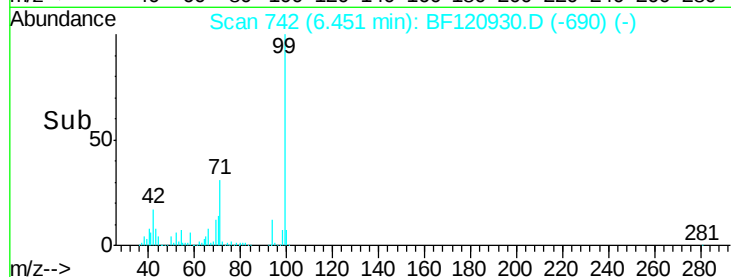
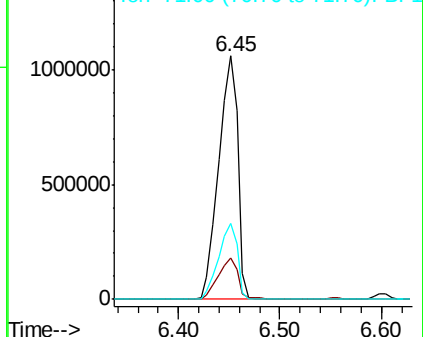
71 31.1 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.987 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

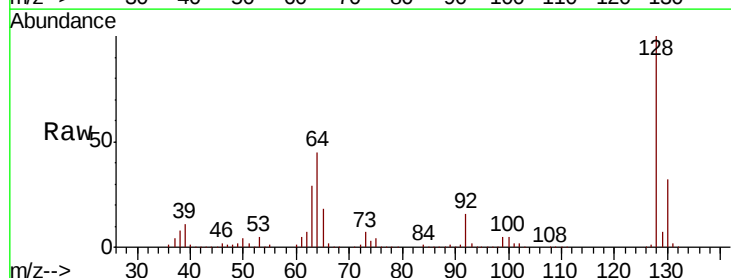
Tgt Ion: 128 Resp: 514956

Ion Ratio Lower Upper

128 100

130 32.5 12.1 52.1

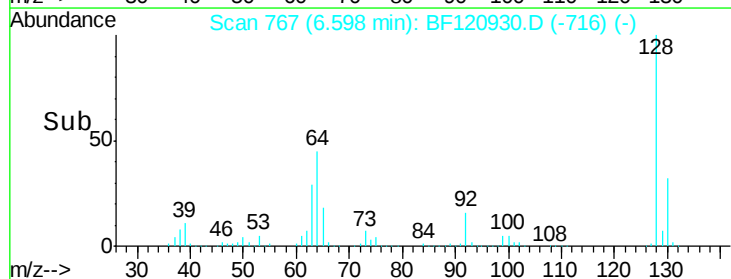
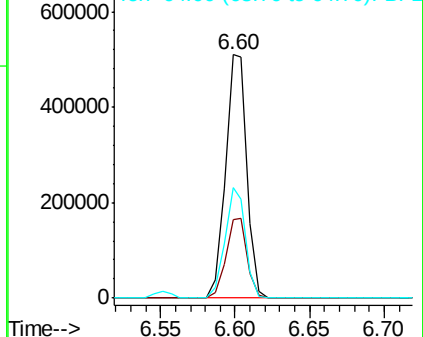
64 45.4 24.0 64.0



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: 15.604 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Instrument :

BNA_F

ClientSampleId :

PB130296BS

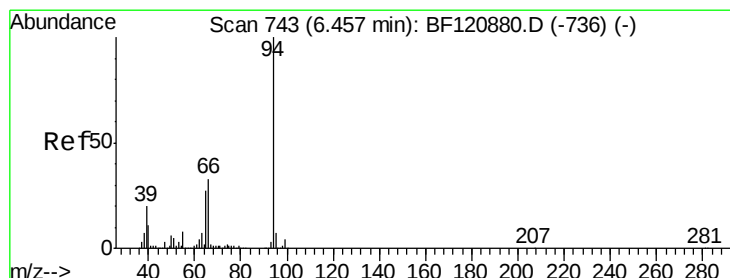
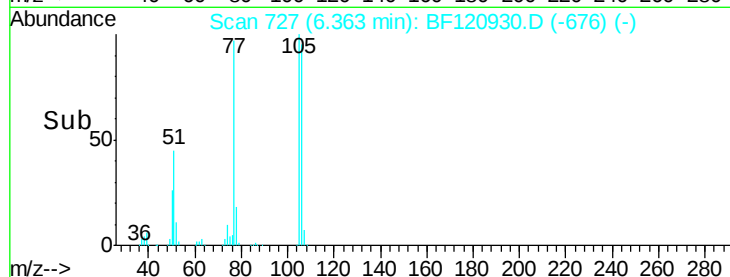
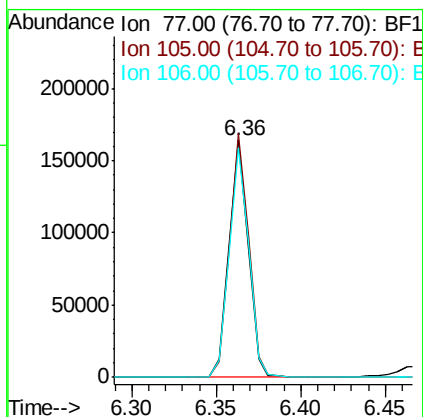
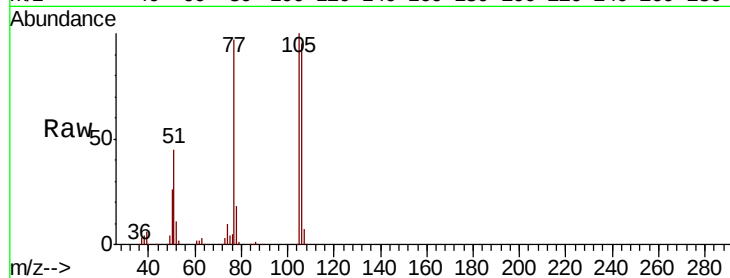
Tot Ion: 77 Resp: 129322

Ion Ratio Lower Upper

77 100

105 102.8 82.5 122.5

106 97.2 78.7 118.7



#10

Phenol

Concen: 40.449 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

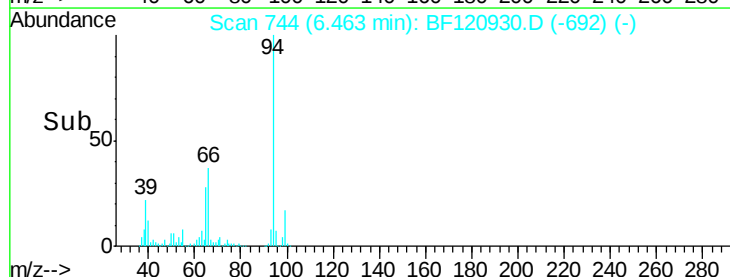
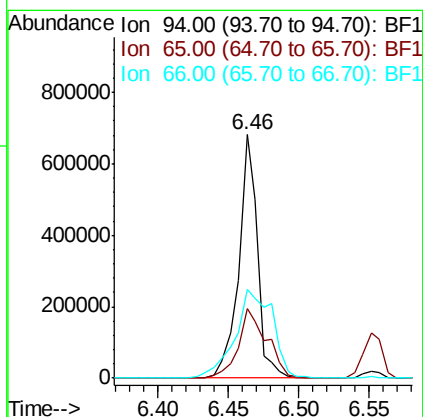
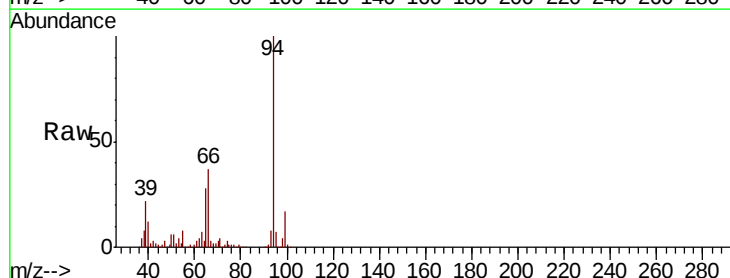
Tgt Ion: 94 Resp: 625007

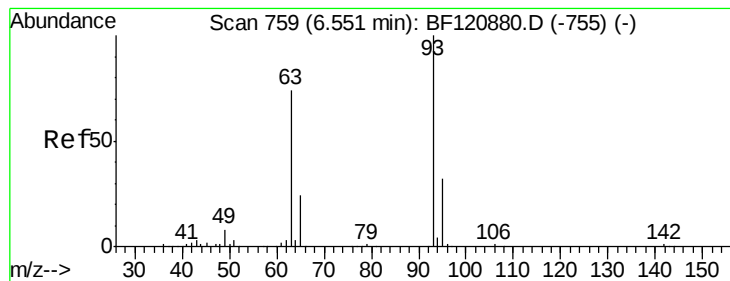
Ion Ratio Lower Upper

94 100

65 28.3 6.6 46.6

66 36.6 13.2 53.2





#11

bis(2-Chloroethyl)ether

Concen: 40.906 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Instrument :

BNA_F

ClientSampleId :

PB130296BS

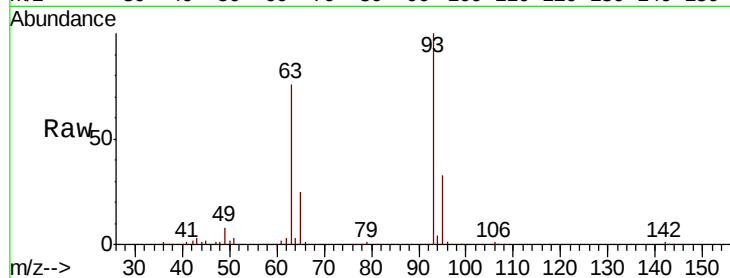
Tot Ion: 93 Resp: 484415

Ion Ratio Lower Upper

93 100

63 76.3 54.2 94.2

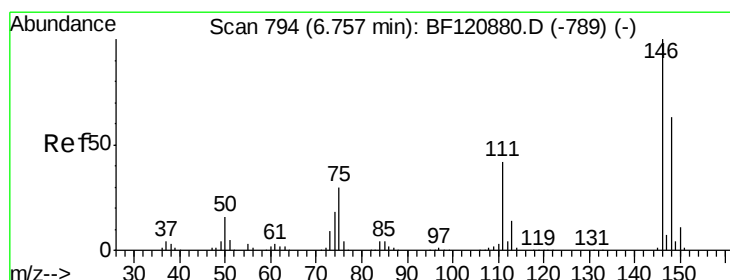
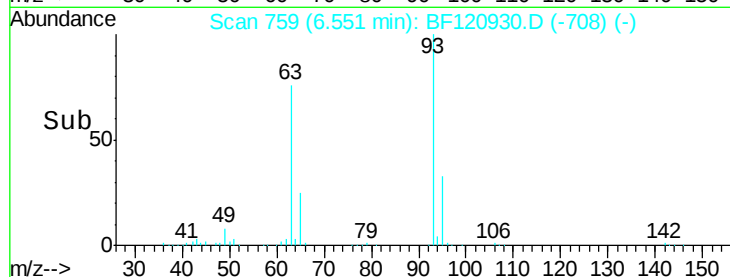
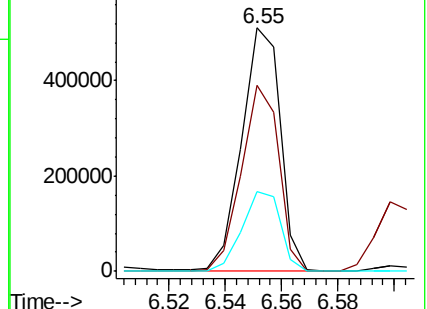
95 32.8 12.2 52.2



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: 39.841 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

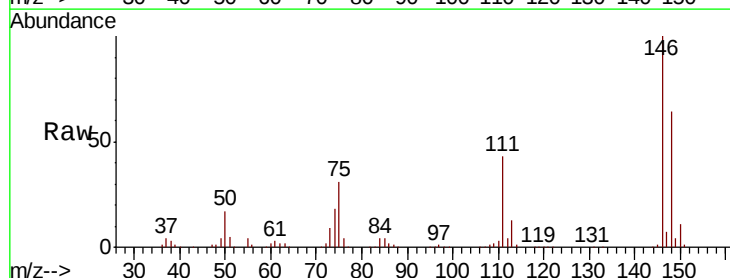
Tgt Ion: 146 Resp: 517536

Ion Ratio Lower Upper

146 100

148 63.8 50.6 75.8

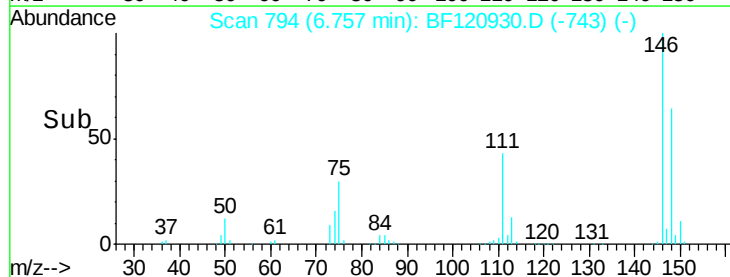
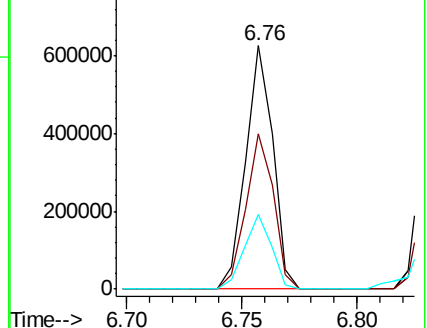
75 30.6 24.1 36.1

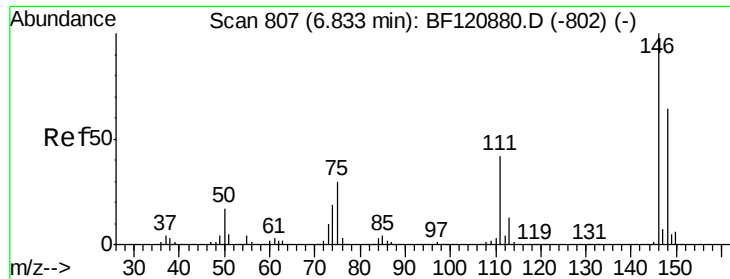


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

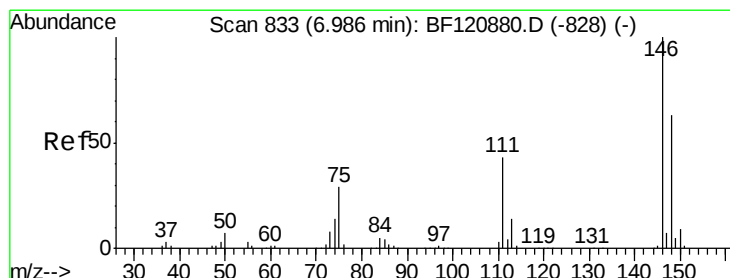
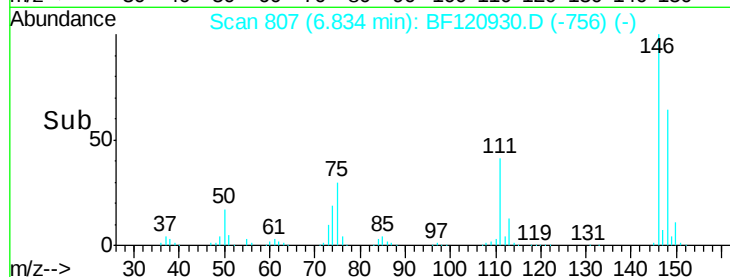
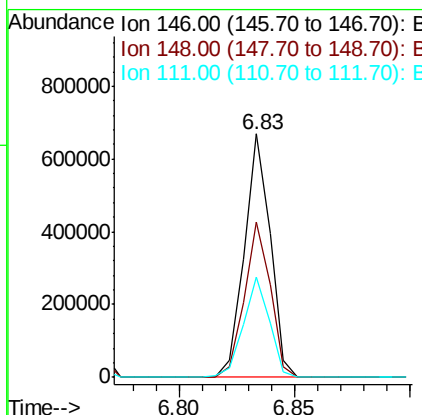
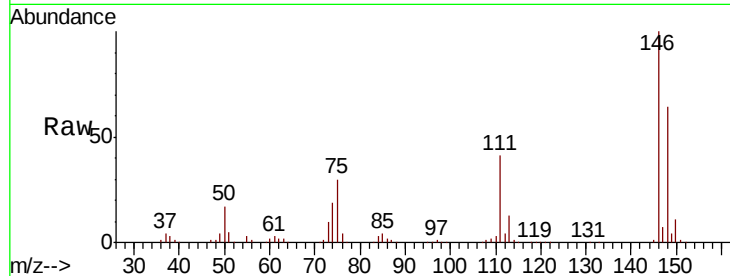




#13
 1,4-Dichlorobenzene
 Concen: 40.632 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120930.D
 Acq: 20 Jul 2020 13:25

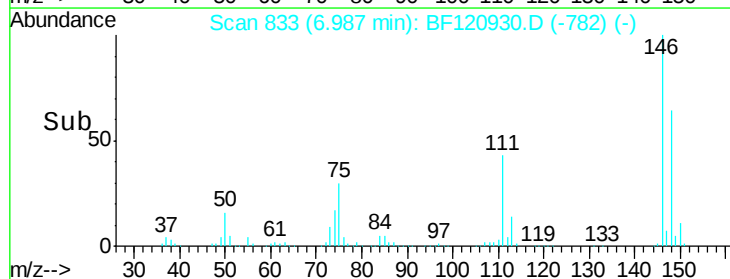
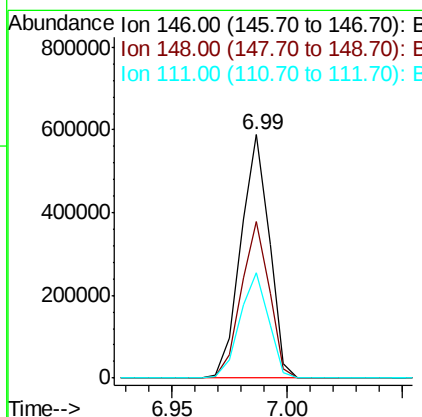
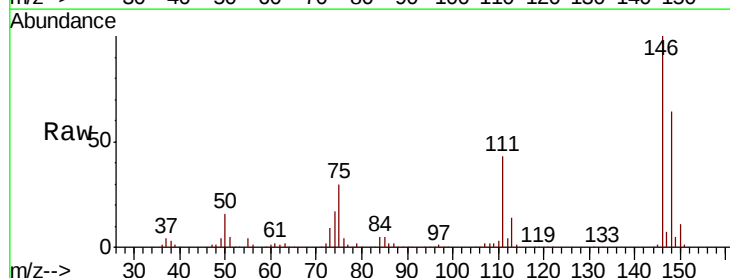
Instrument :
 BNA_F
 ClientSampleId :
 PB130296BS

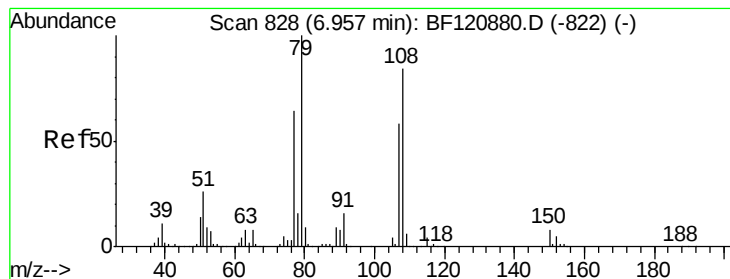
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.6	77.4
111	40.9	33.5	50.3



#14
 1,2-Dichlorobenzene
 Concen: 41.465 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF120930.D
 Acq: 20 Jul 2020 13:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.6	76.0
111	43.4	34.2	51.2





#15

Benzyl Alcohol

Concen: 40.277 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Instrument :

BNA_F

ClientSampleID :

PB130296BS

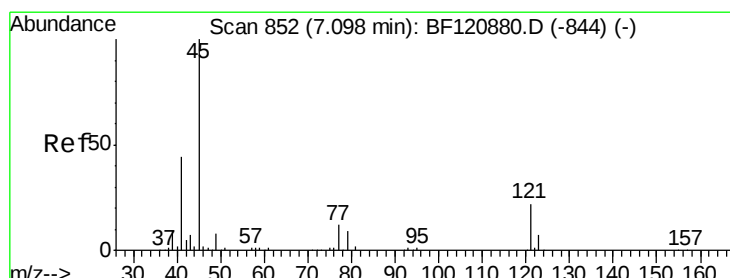
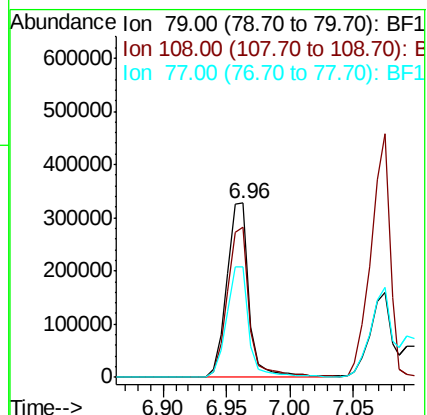
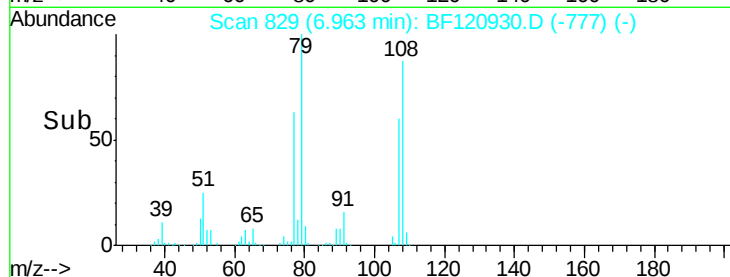
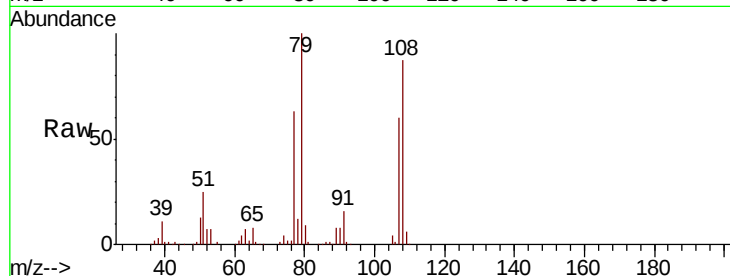
Tot Ion: 79 Resp: 400103

Ion Ratio Lower Upper

79 100

108 86.6 67.0 100.6

77 63.3 51.0 76.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.230 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

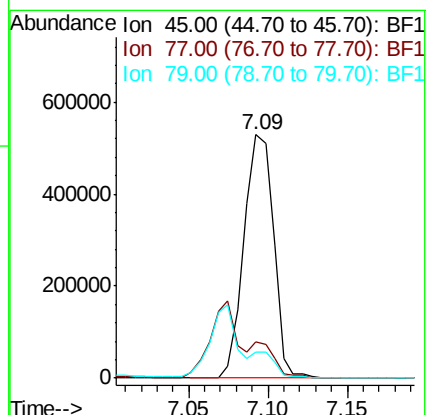
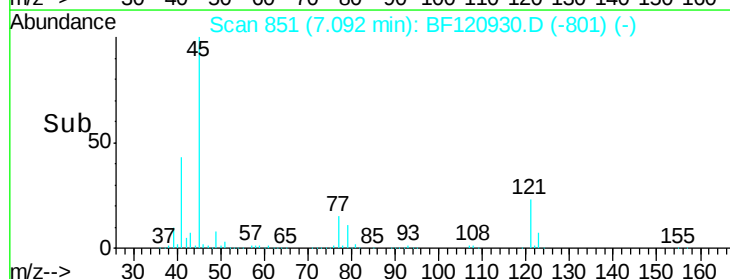
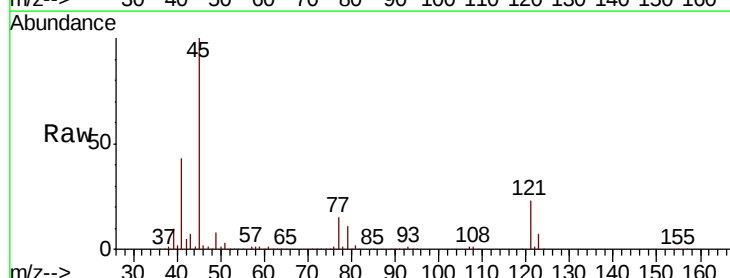
Tgt Ion: 45 Resp: 686670

Ion Ratio Lower Upper

45 100

77 14.7 0.0 34.3

79 10.9 0.0 31.0

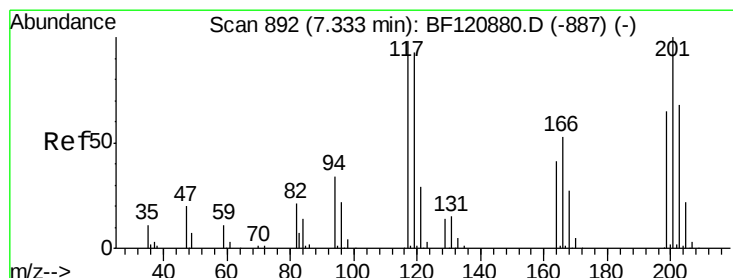
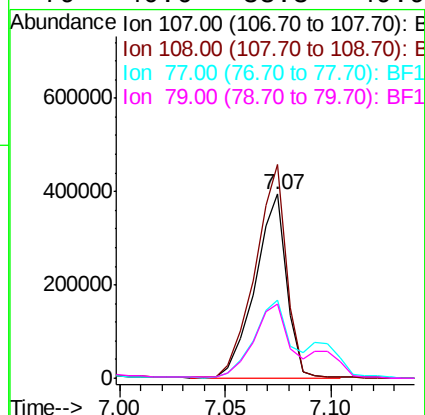
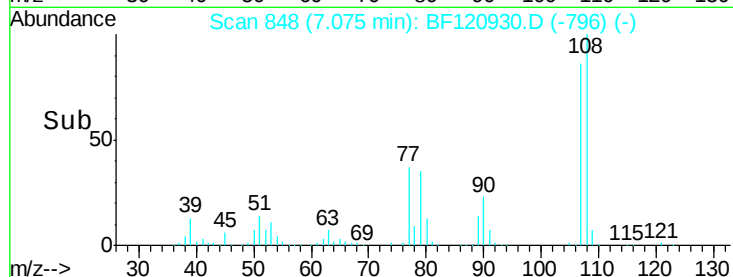
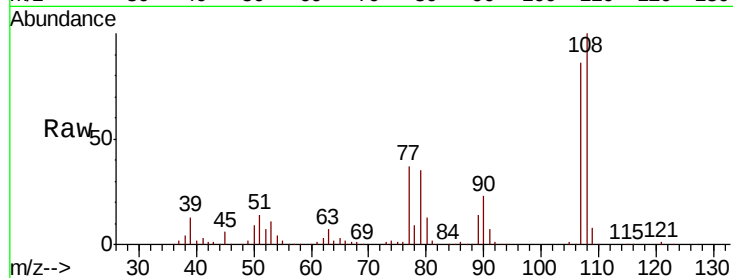




#17
2-Methylphenol
Concen: 38.255 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

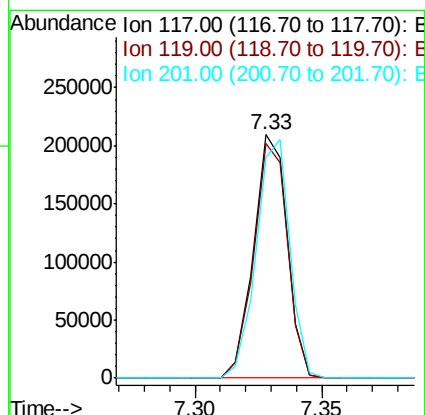
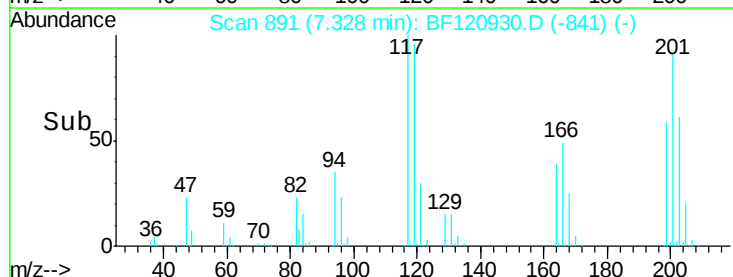
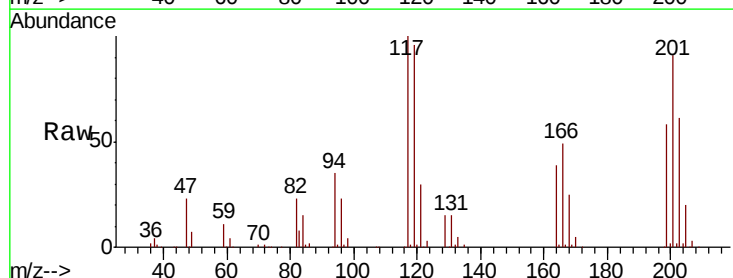
Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion:107 Resp: 406185
Ion Ratio Lower Upper
107 100
108 115.9 92.0 138.0
77 42.7 34.0 51.0
79 40.6 33.3 49.9



#18
Hexachloroethane
Concen: 41.561 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion:117 Resp: 194300
Ion Ratio Lower Upper
117 100
119 96.2 76.0 114.0
201 90.7 81.7 122.5

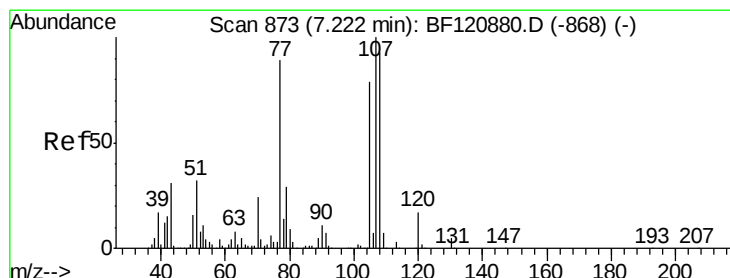
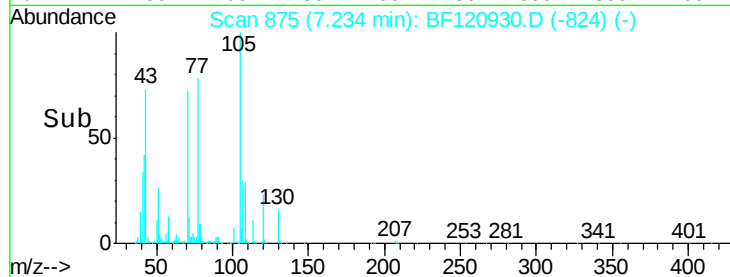
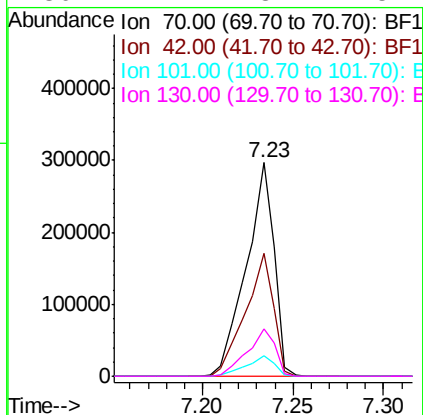
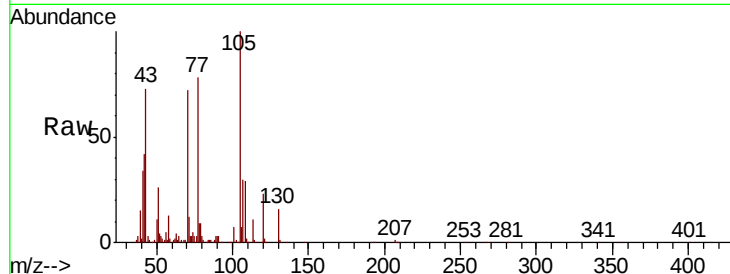




#19
n-Nitroso-di-n-propylamine
Concen: 39.660 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

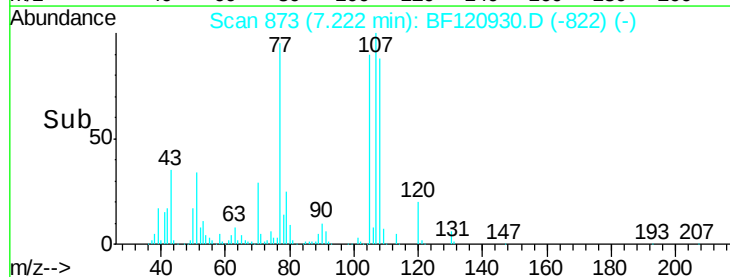
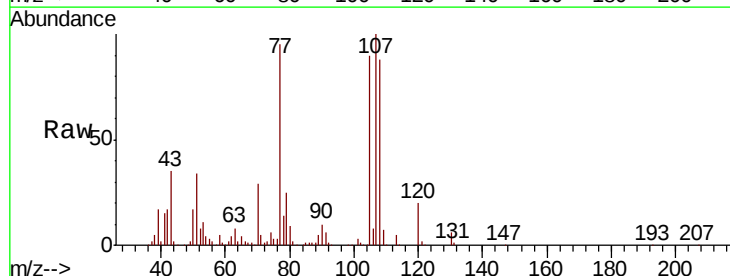
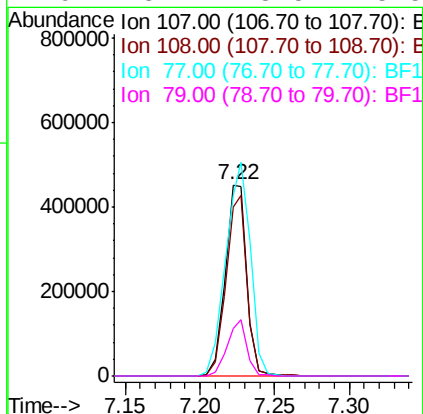
Instrument :
BNA_F
ClientSampleId :
PB130296BS

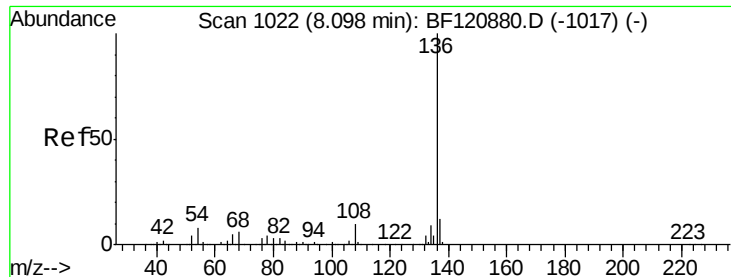
Tot Ion: 70 Resp: 316783
Ion Ratio Lower Upper
70 100
42 57.6 44.0 66.0
101 9.6 7.8 11.6
130 22.4 18.7 28.1



#20
3+4-Methylphenols
Concen: 34.072 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion: 107 Resp: 460204
Ion Ratio Lower Upper
107 100
108 88.3 72.8 112.8
77 94.5 68.7 108.7
79 25.1 8.5 48.5

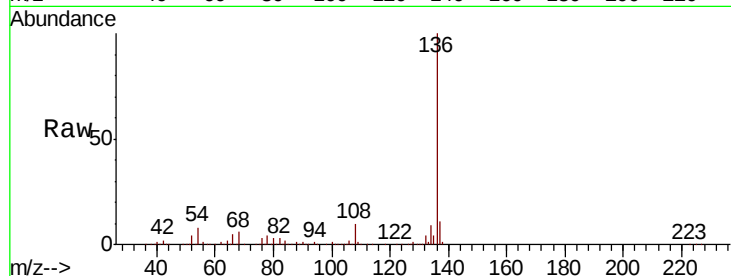




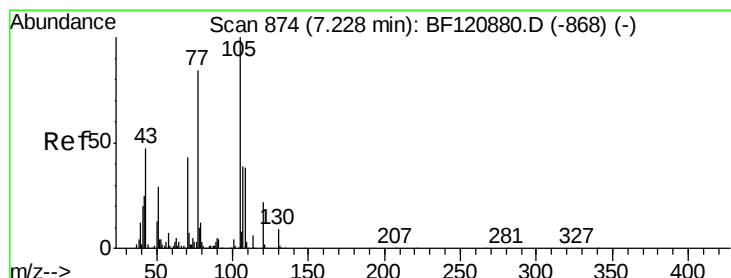
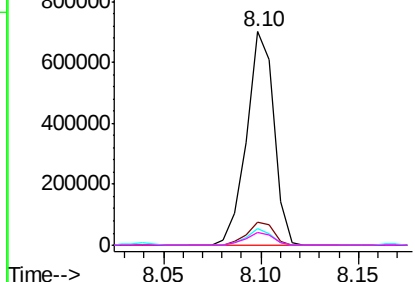
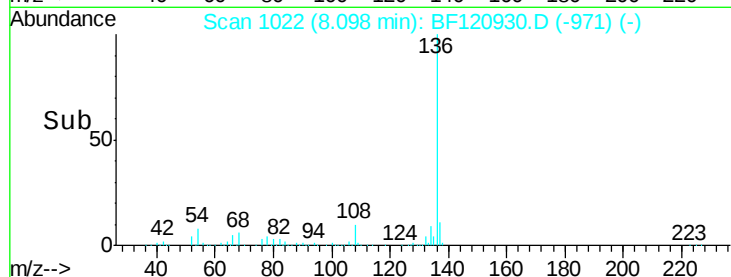
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion:136	Resp:	677563	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	9.3	13.9	
54 7.7	6.3	9.5	
68 6.2	5.0	7.4	

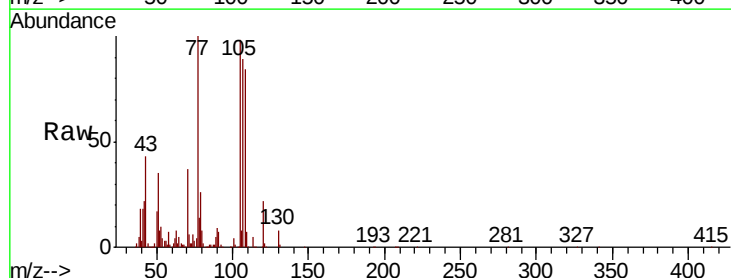


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

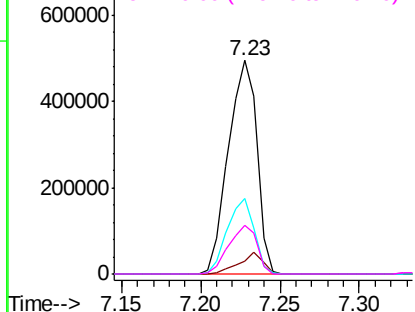
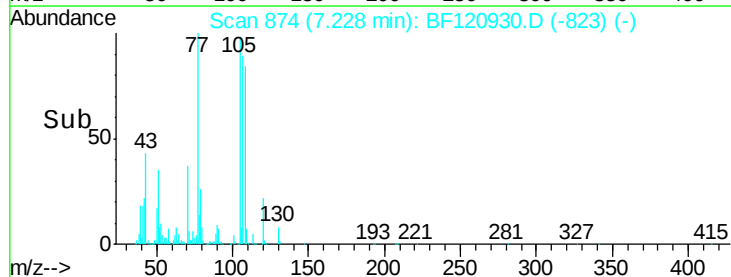


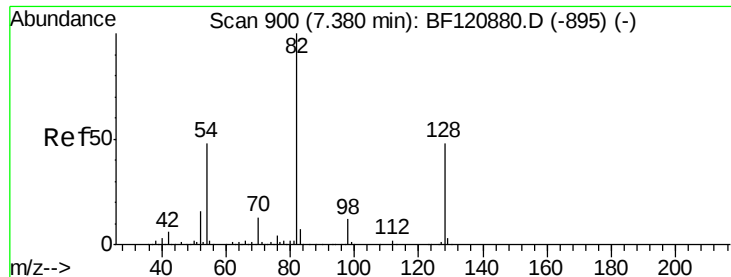
#22
Acetophenone
Concen: 40.580 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt	Ion:105	Resp:	617085
Ion	Ratio	Lower	Upper
105	100		
71	6.2	5.7	8.5
51	35.5	22.9	34.3#
120	22.9	18.0	27.0



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

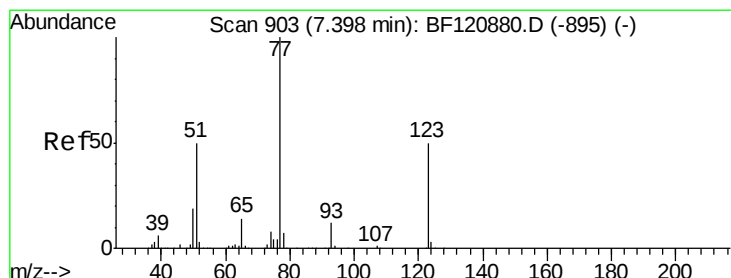
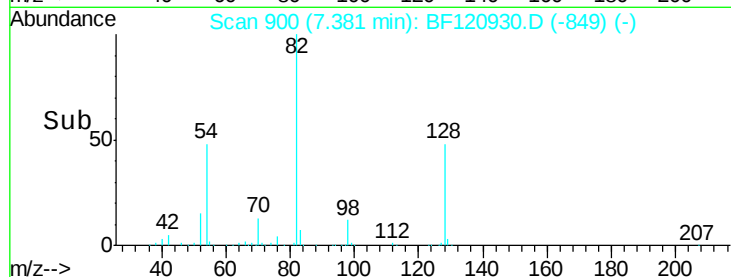
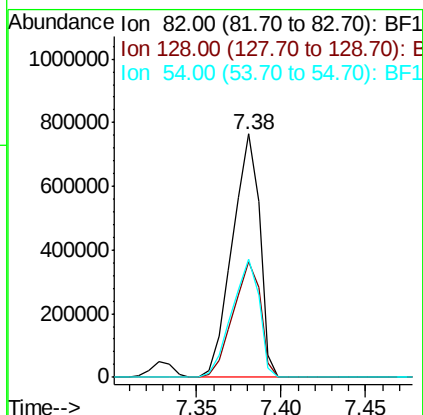
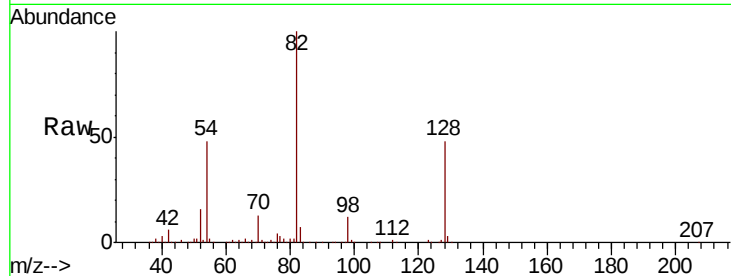




#23
Nitrobenzene-d5
Concen: 73.735 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

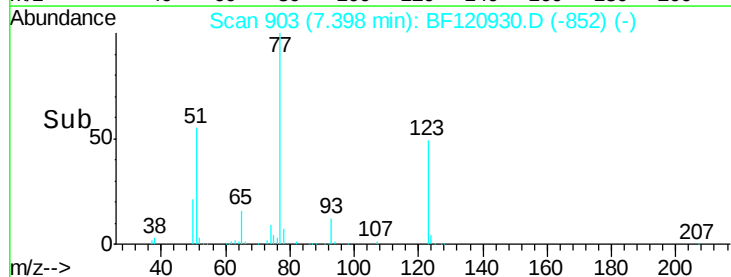
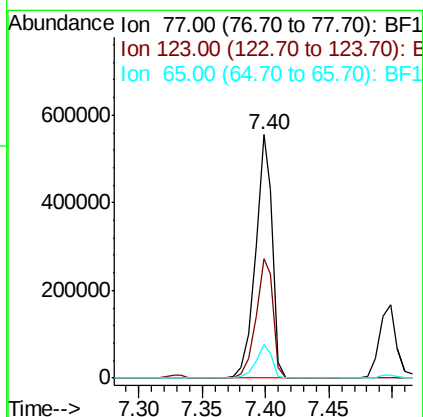
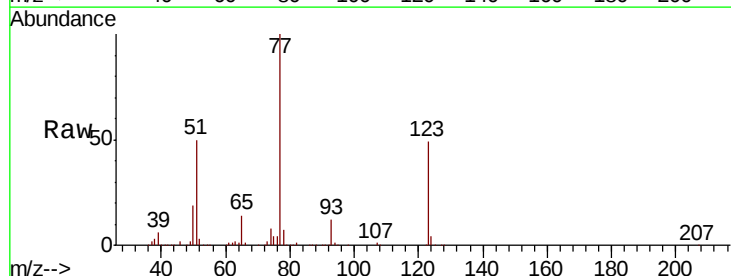
Instrument :
BNA_F
ClientSampleId :
PB130296BS

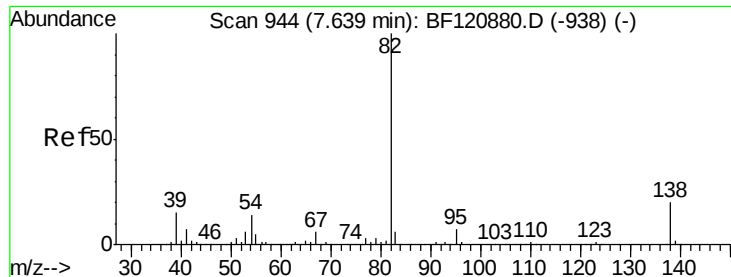
Tot Ion	82	Resp	863414
Ion Ratio	100		
Lower	38.2		
Upper	57.4		
128	47.7		
54	48.4		



#24
Nitrobenzene
Concen: 40.885 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion	77	Resp	515998
Ion Ratio	100		
Lower	40.1		
Upper	60.1		
123	48.9		
65	13.6		





#25

Isophorone

Concen: 40.121 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Instrument :

BNA_F

ClientSampleId :

PB130296BS

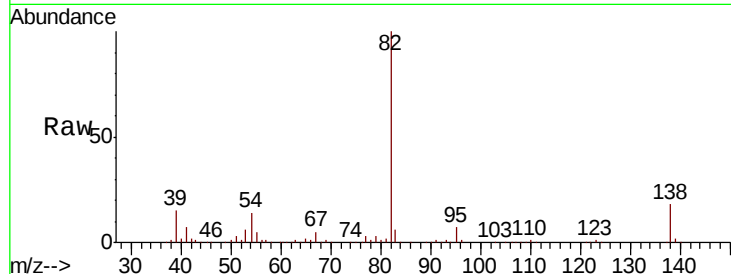
Tot Ion: 82 Resp: 937621

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

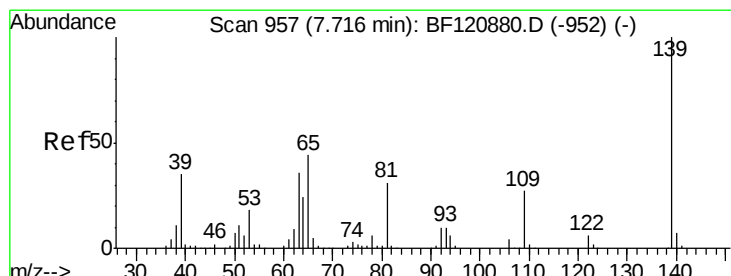
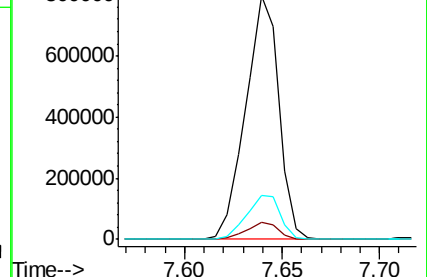
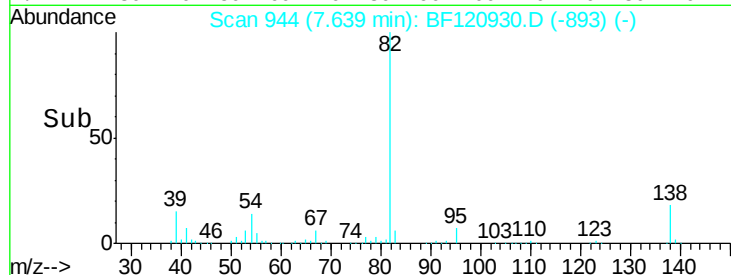
138 17.9 15.6 23.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.913 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

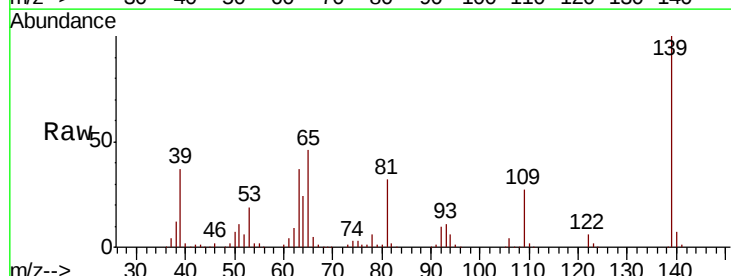
Tgt Ion: 139 Resp: 263214

Ion Ratio Lower Upper

139 100

109 27.3 21.6 32.4

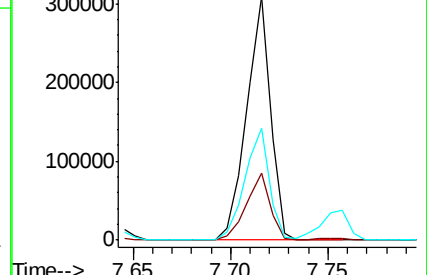
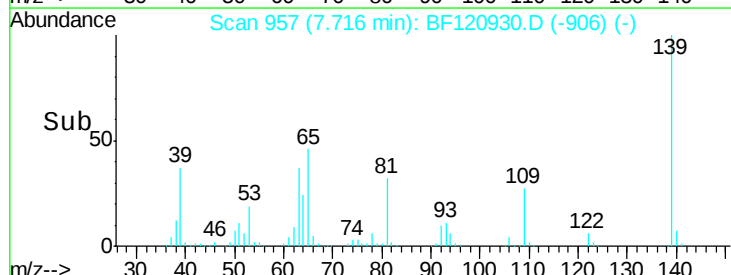
65 46.0 35.3 52.9

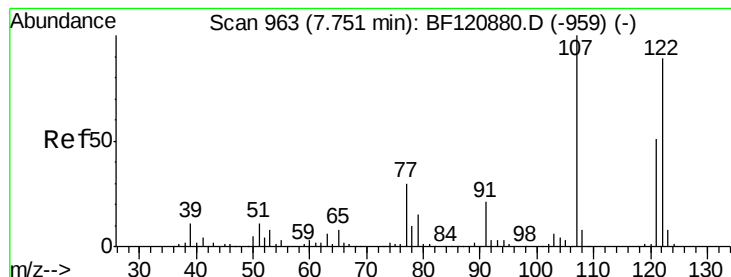


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 43.881 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Instrument :

BNA_F

ClientSampleId :

PB130296BS

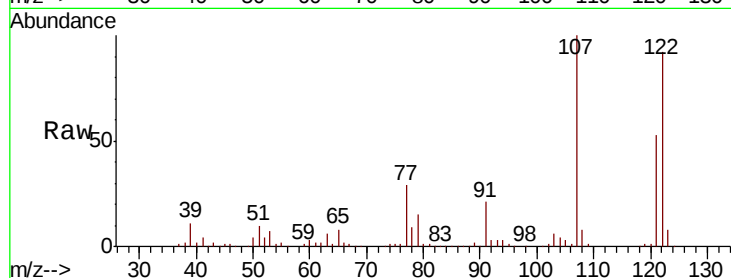
Tot Ion:122 Resp: 427052

Ion Ratio Lower Upper

122 100

107 108.4 89.4 134.0

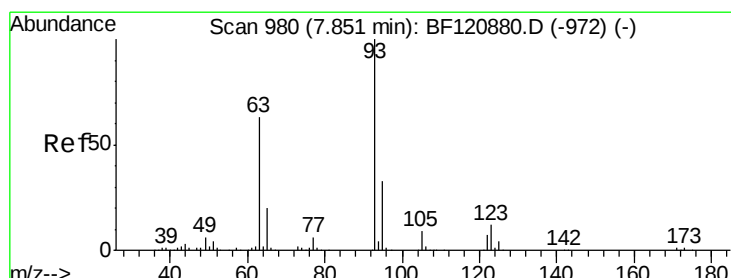
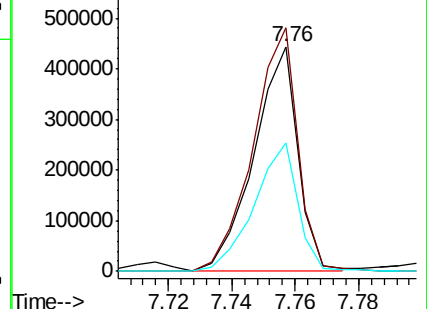
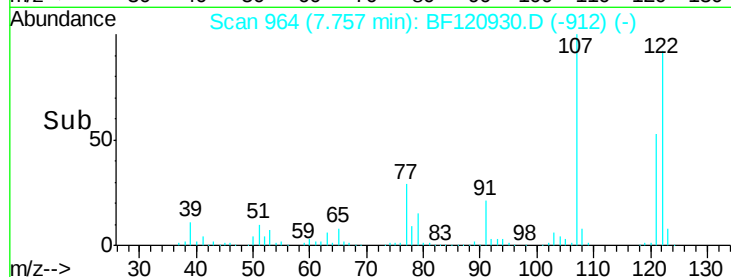
121 57.4 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.311 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

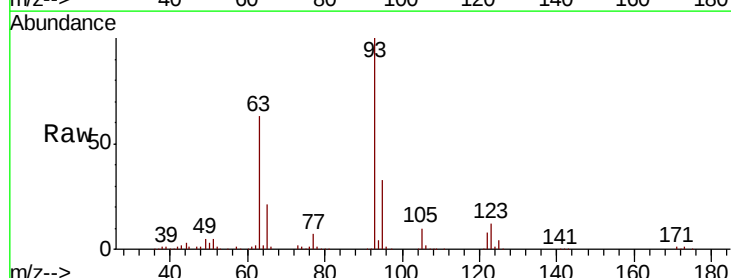
Tgt Ion: 93 Resp: 603594

Ion Ratio Lower Upper

93 100

95 33.1 26.6 39.8

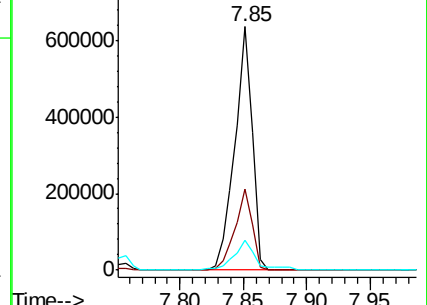
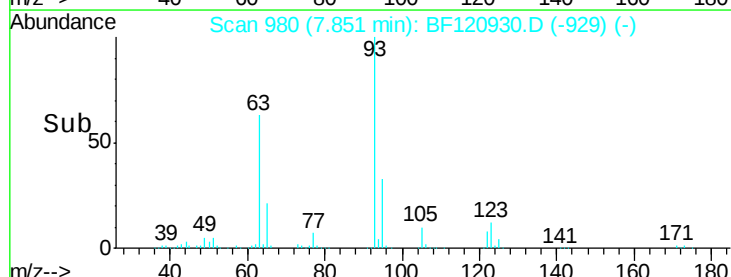
123 12.1 10.0 15.0



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

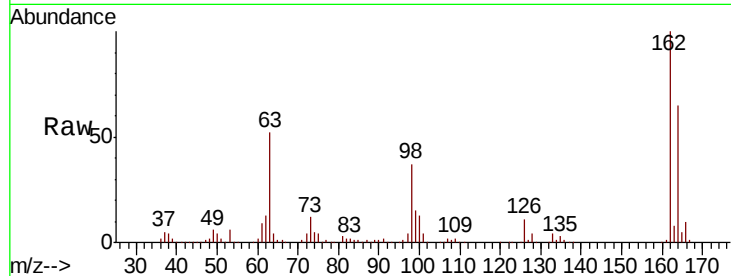




#29
2,4-Dichlorophenol
Concen: 42.304 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	45.3	85.3
98	36.6	13.3	53.3

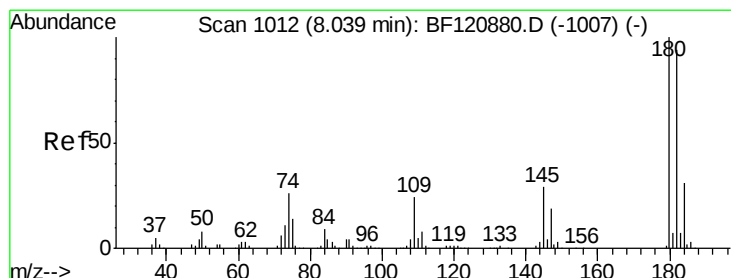
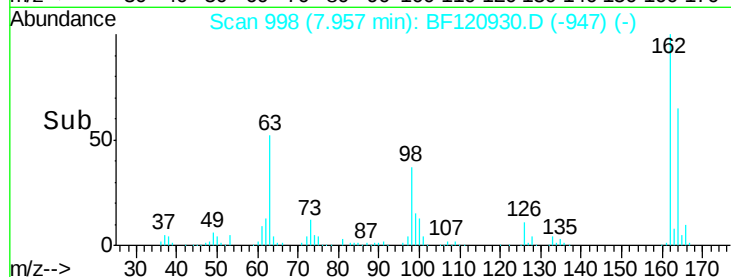
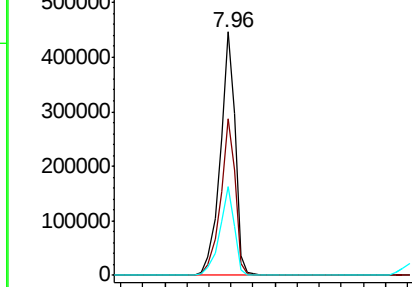


Abundance

Ion 162.00 (161.70 to 162.70): E

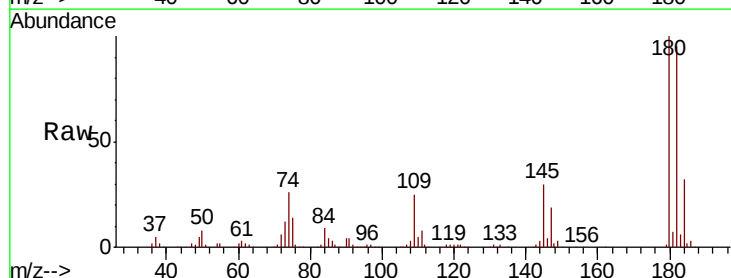
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.828 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.0	112.6
145	30.3	23.5	35.3

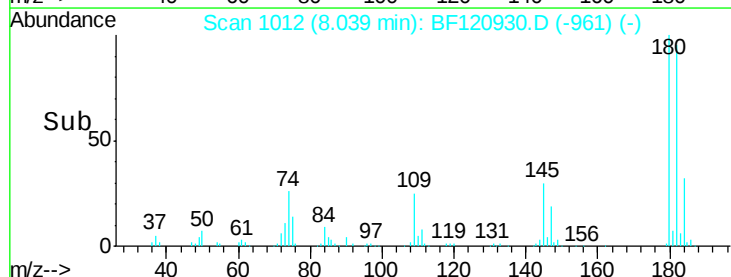
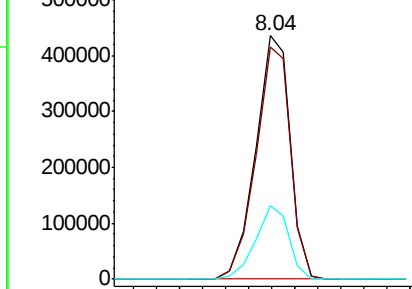


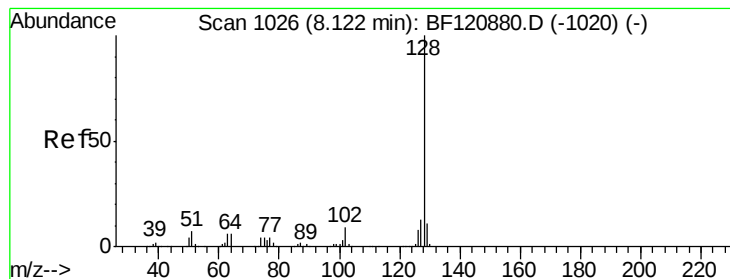
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.229 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Instrument :

BNA_F

ClientSampleId :

PB130296BS

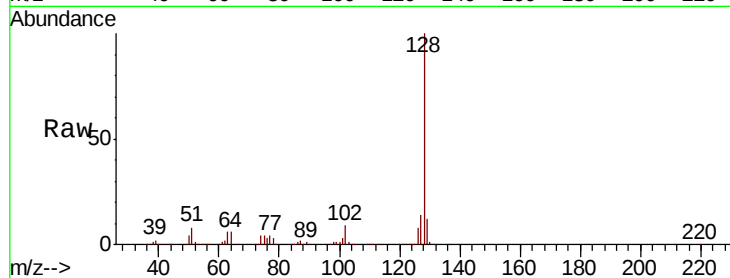
Tot Ion:128 Resp: 1398176

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

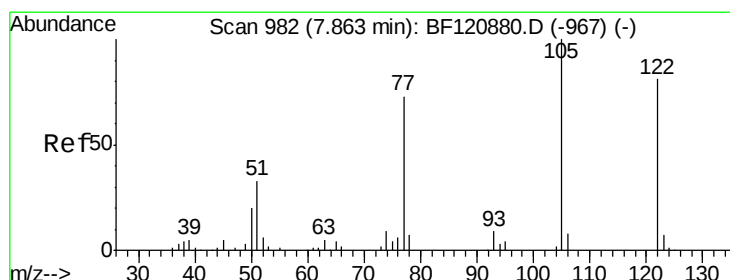
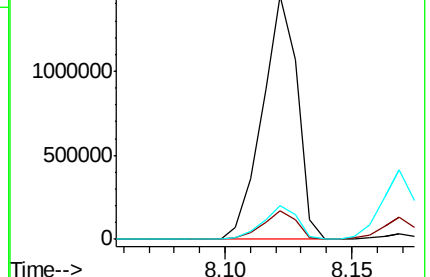
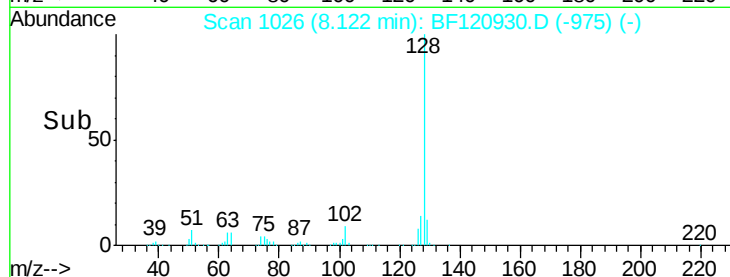
127 13.7 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

2000000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.296 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.02 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

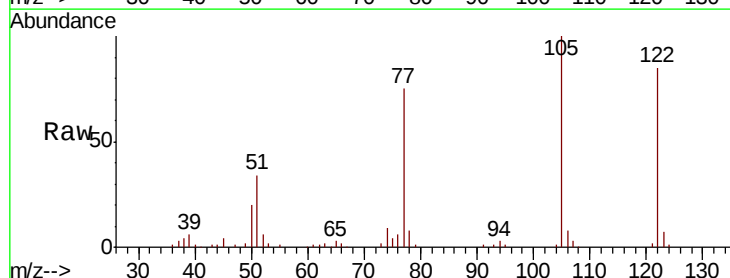
Tgt Ion:122 Resp: 294383

Ion Ratio Lower Upper

122 100

105 117.7 101.3 141.3

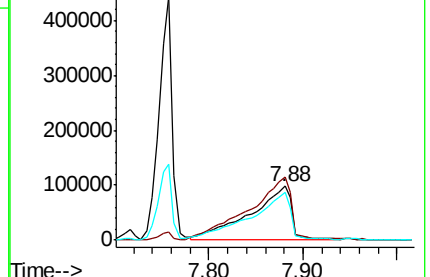
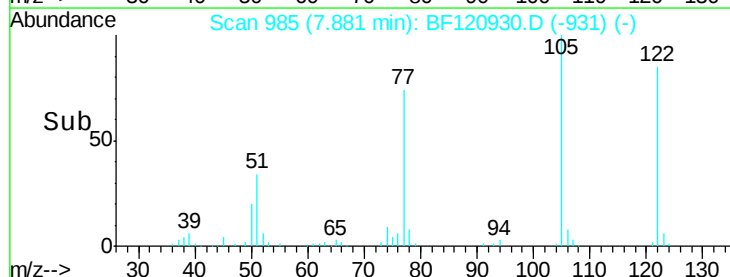
77 88.5 69.1 109.1



Abundance Ion 122.00 (121.70 to 122.70): E

600000 Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

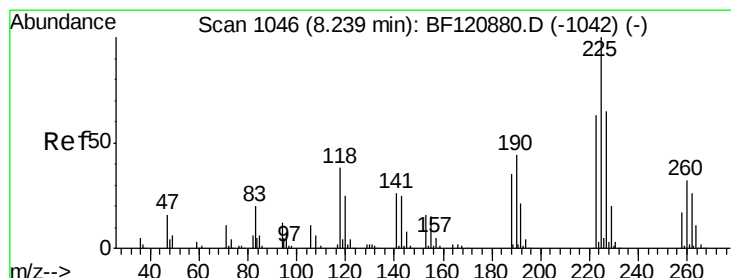
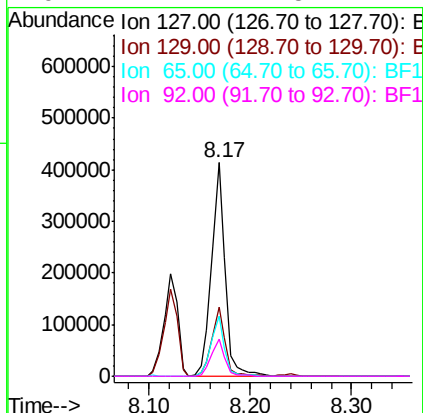
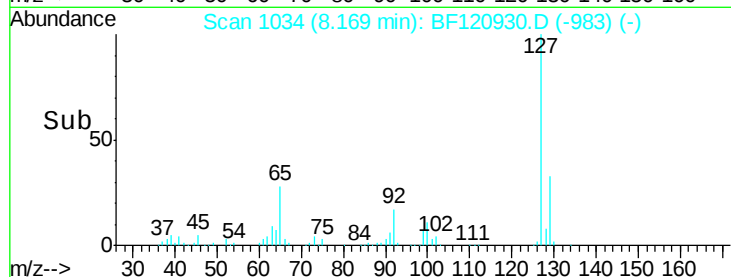
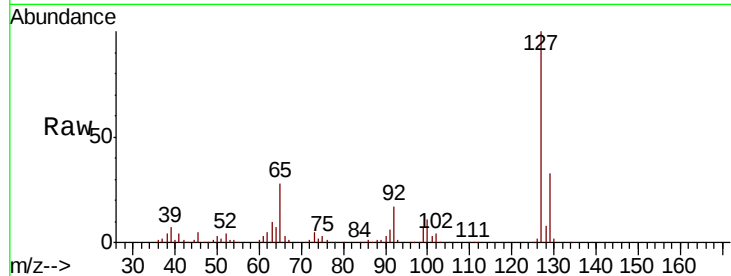




#33
4-Chloroaniline
Concen: 25.019 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

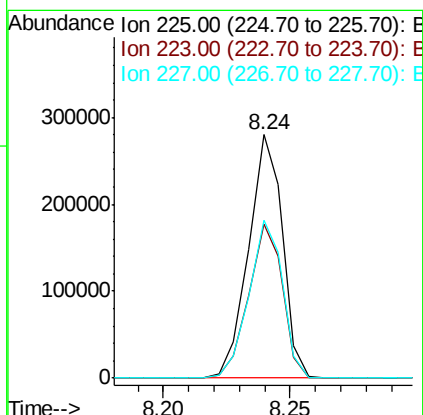
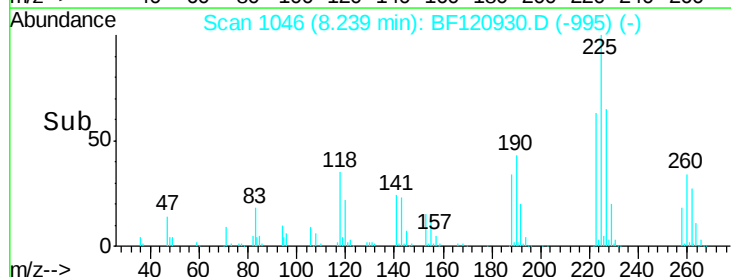
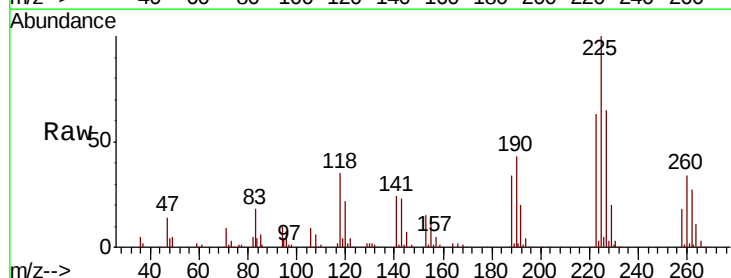
Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion:	127	Resp:	387905
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.5	39.7
65	28.3	23.0	34.4
92	17.4	14.5	21.7



#34
Hexachlorobutadiene
Concen: 40.044 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion:	225	Resp:	260451
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	65.1	52.2	78.2

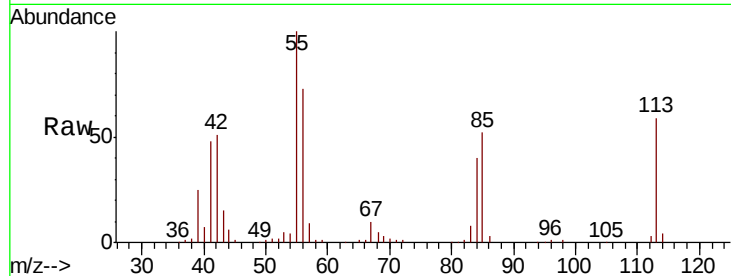




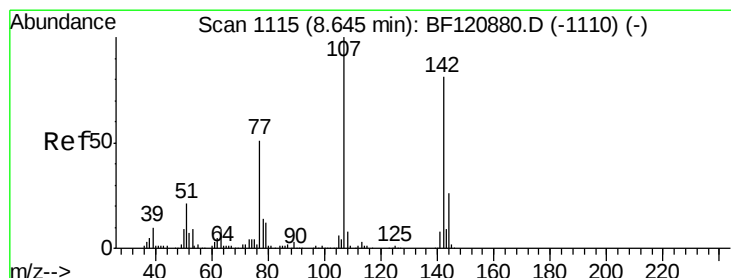
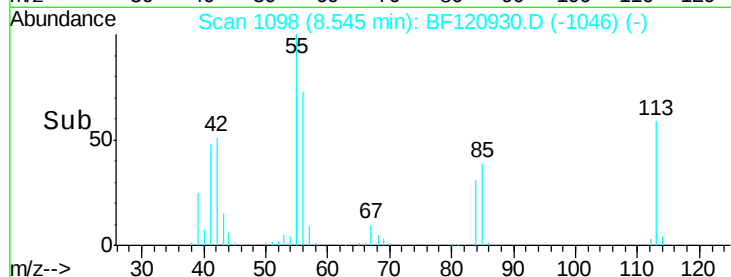
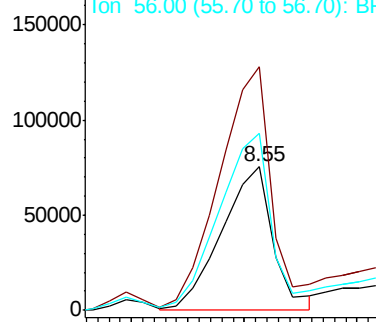
#35
Caprolactam
Concen: 30.127 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion:113 Resp: 96076
Ion Ratio Lower Upper
113 100
55 169.6 143.3 183.3
56 123.0 99.4 139.4

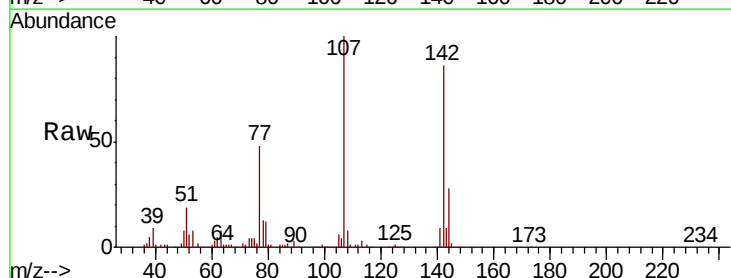


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

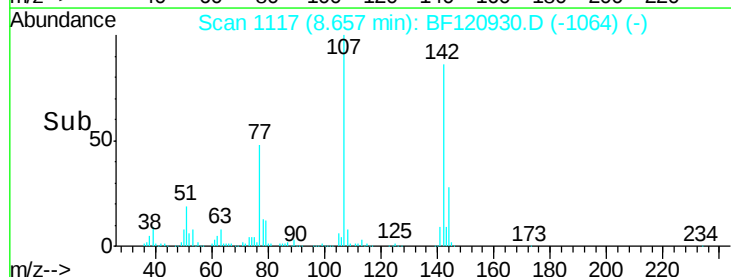
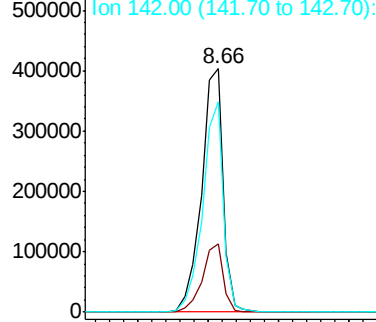


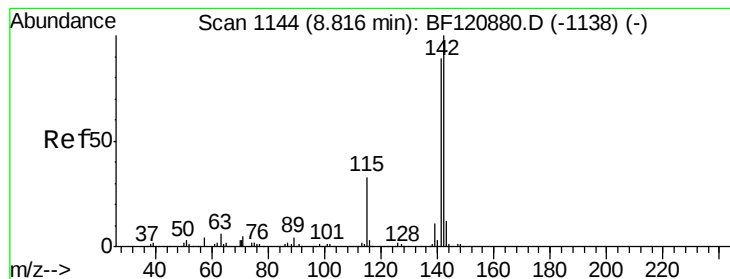
#36
4-Chloro-3-methylphenol
Concen: 41.991 ng
RT: 8.66 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion:107 Resp: 428277
Ion Ratio Lower Upper
107 100
144 28.2 21.0 31.6
142 86.2 65.0 97.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.097 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Instrument :

BNA_F

ClientSampleId :

PB130296BS

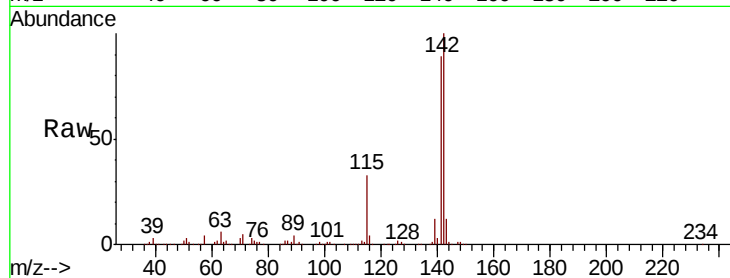
Tot Ion:142 Resp: 949997

Ion Ratio Lower Upper

142 100

141 88.8 71.0 106.4

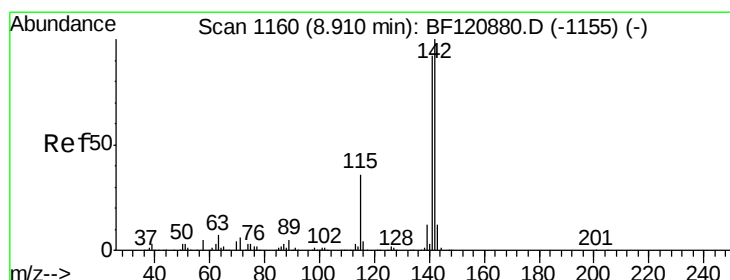
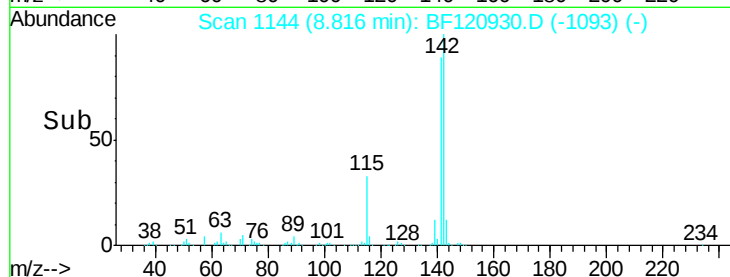
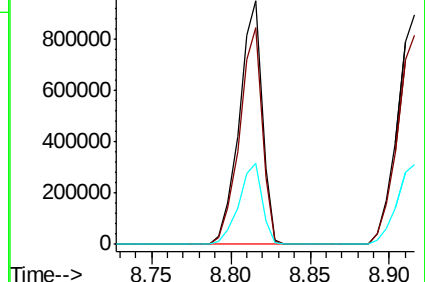
115 33.3 26.0 39.0



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: 41.959 ng

RT: 8.92 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

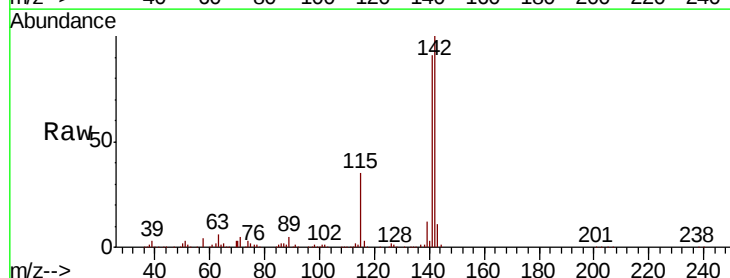
Tgt Ion:142 Resp: 896803

Ion Ratio Lower Upper

142 100

141 90.9 73.7 110.5

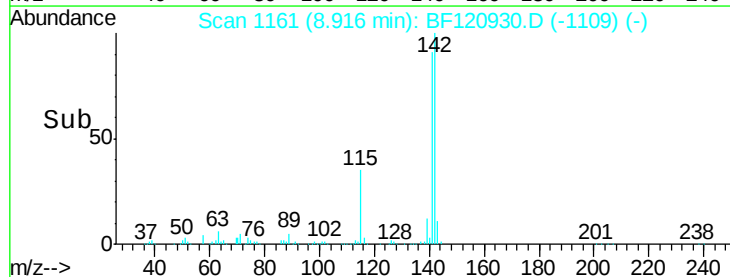
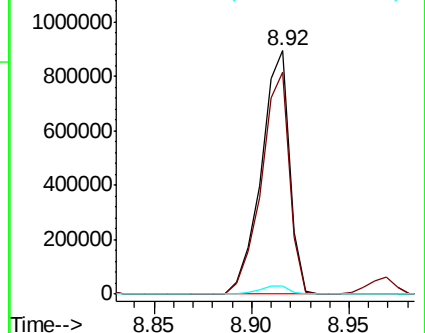
116 3.5 3.0 4.6



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: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Instrument :

BNA_F

ClientSampleId :

PB130296BS

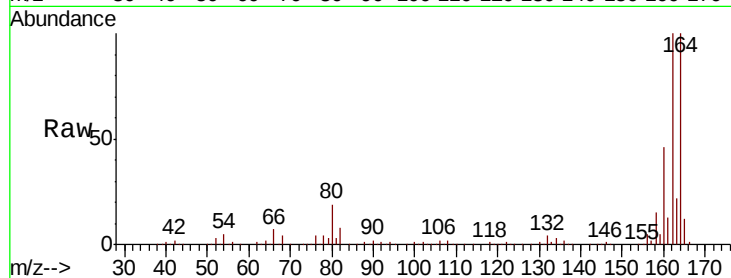
Tot Ion:164 Resp: 347414

Ion Ratio Lower Upper

164 100

162 100.2 81.2 121.8

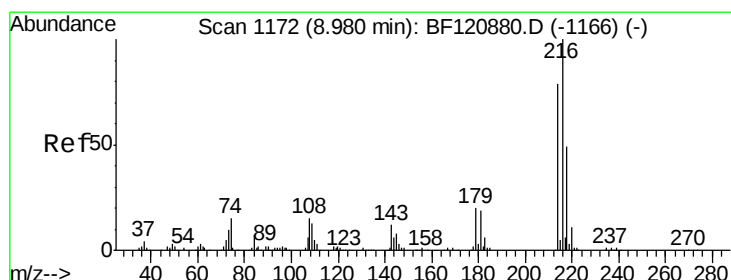
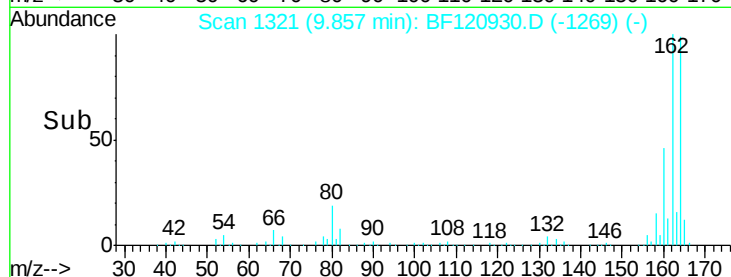
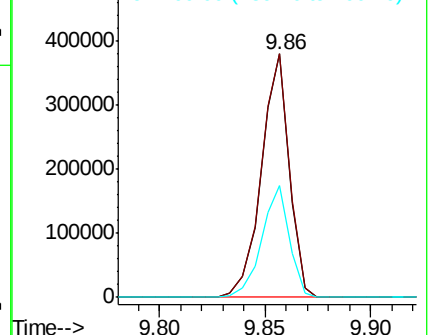
160 45.9 36.9 55.3



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: 40.852 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Tgt Ion:216 Resp: 413514

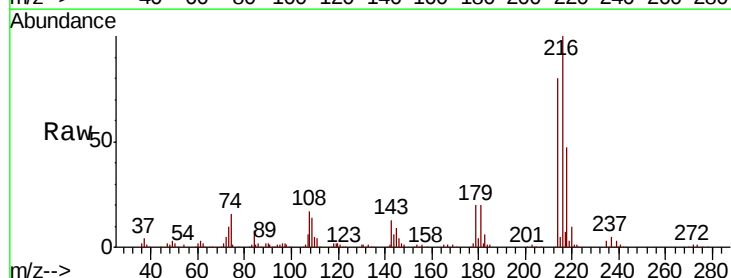
Ion Ratio Lower Upper

216 100

214 78.8 63.8 95.8

179 20.3 16.6 24.8

108 20.7 15.4 23.0

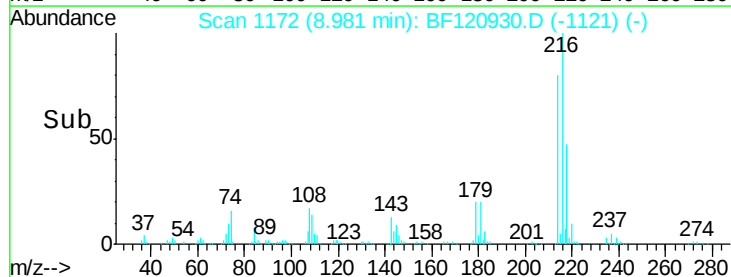
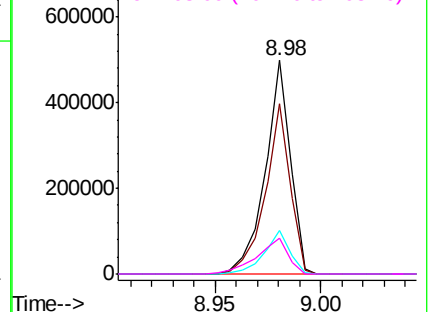


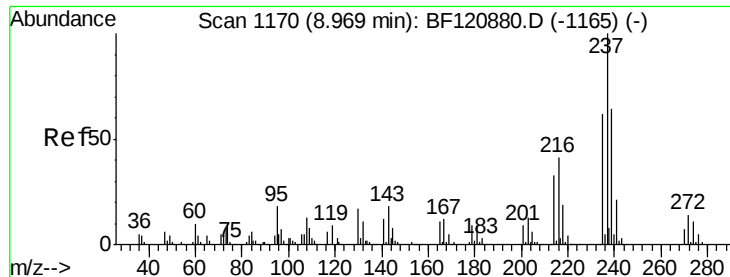
Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.244 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Instrument :

BNA_F

ClientSampleId :

PB130296BS

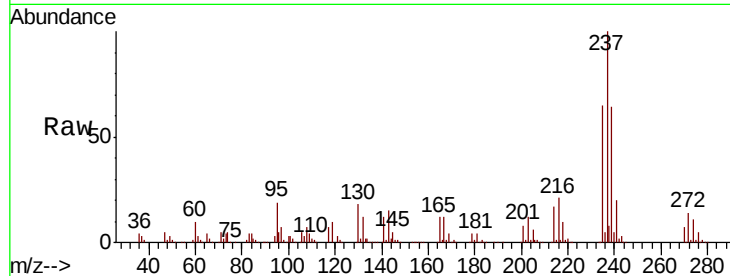
Tot Ion:237 Resp: 493663

Ion Ratio Lower Upper

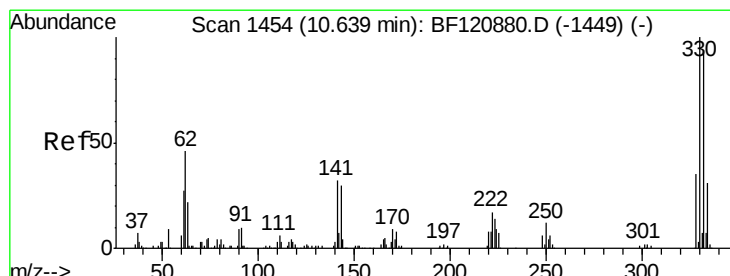
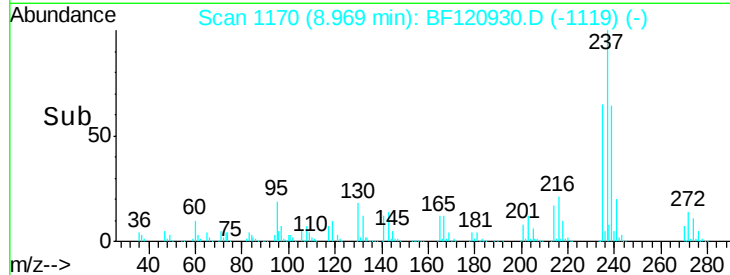
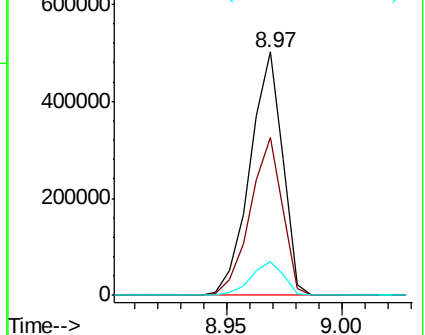
237 100

235 64.7 41.6 81.6

272 13.8 0.0 33.7



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



#42

2,4,6-Tribromophenol

Concen: 106.324 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

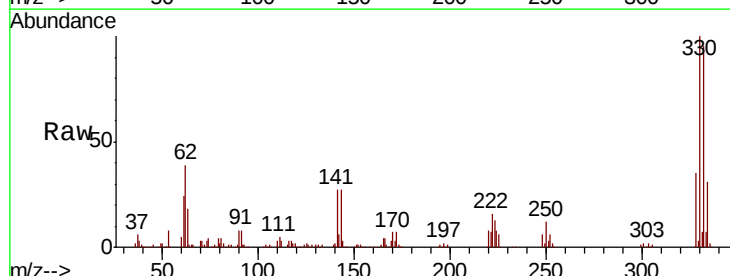
Tgt Ion:330 Resp: 404327

Ion Ratio Lower Upper

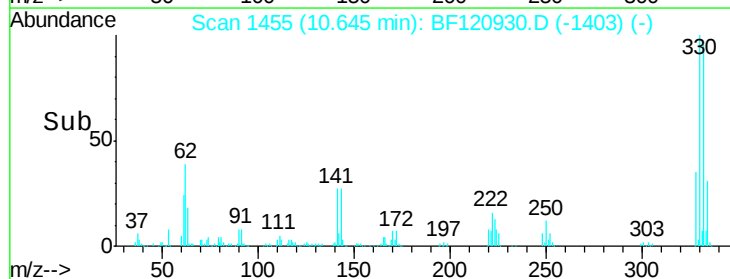
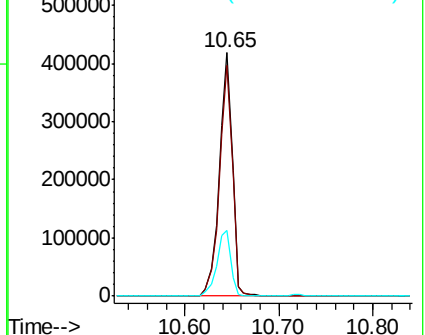
330 100

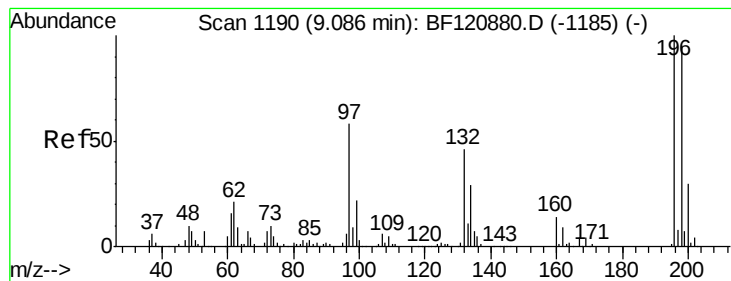
332 95.0 75.5 113.3

141 29.6 25.7 38.5



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: 43.818 ng

RT: 9.09 min Scan# 1191

Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Instrument :

BNA_F

ClientSampleId :

PB130296BS

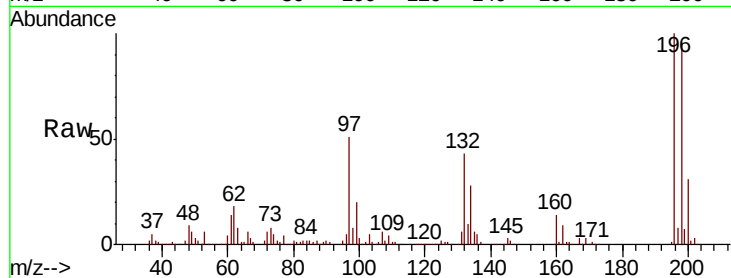
Tot Ion:196 Resp: 312290

Ion Ratio Lower Upper

196 100

198 95.9 75.7 113.5

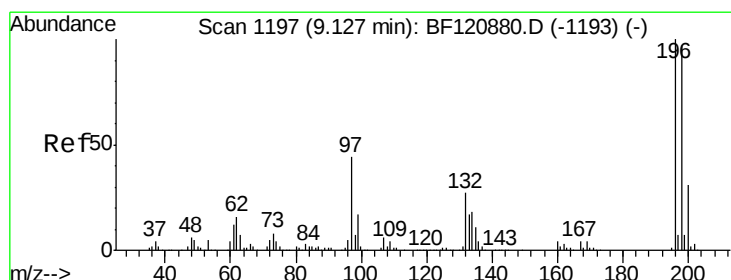
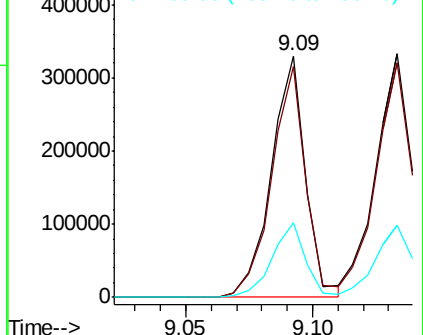
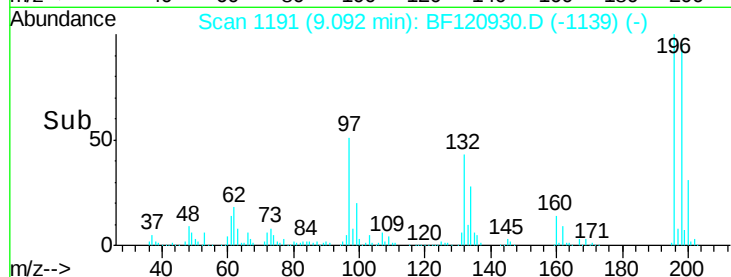
200 30.9 24.4 36.6



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: 40.632 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Tgt Ion:196 Resp: 328479

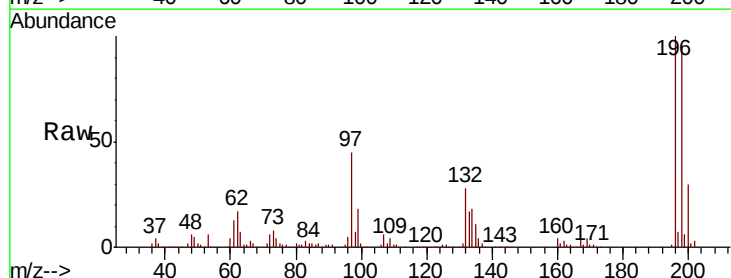
Ion Ratio Lower Upper

196 100

198 96.4 77.6 116.4

97 45.4 35.6 53.4

132 27.6 21.5 32.3

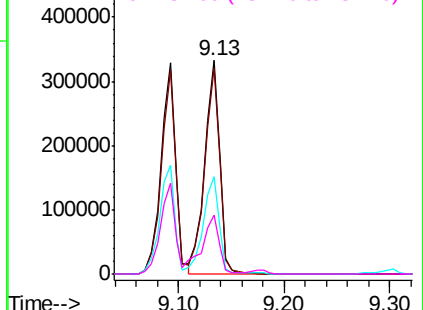
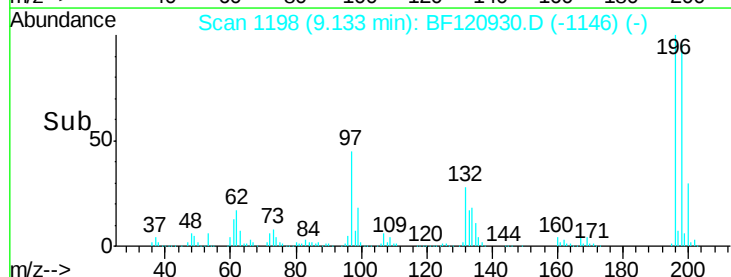


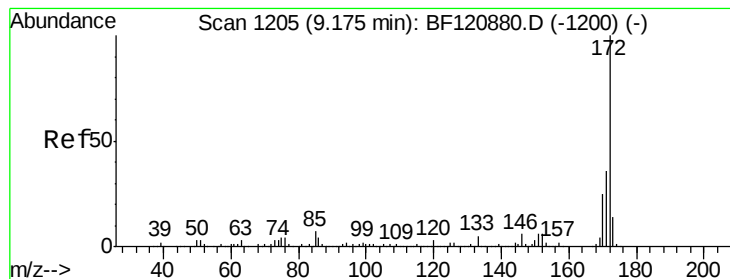
Abundance Ion 196.00 (195.70 to 196.70): E

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: 68.240 ng

RT: 9.18 min Scan# 1206

Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Instrument :

BNA_F

ClientSampleId :

PB130296BS

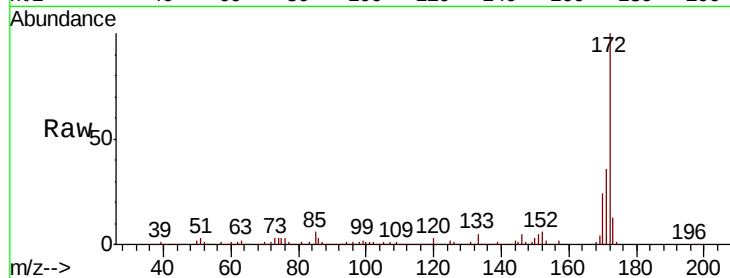
Tot Ion:172 Resp: 1587868

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.4

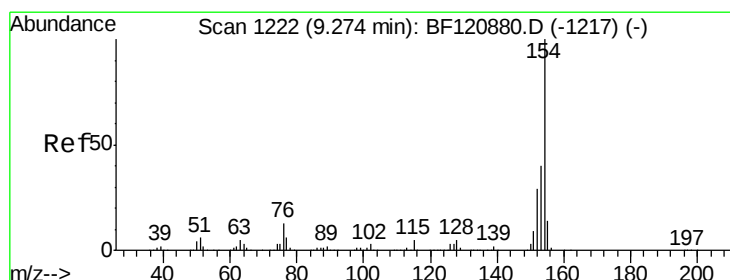
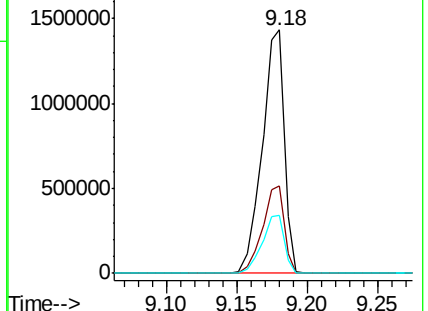
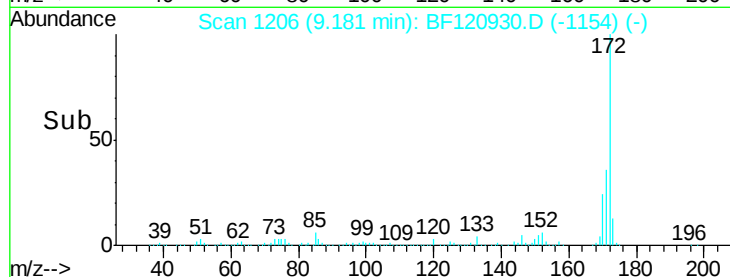
170 24.1 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 42.007 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

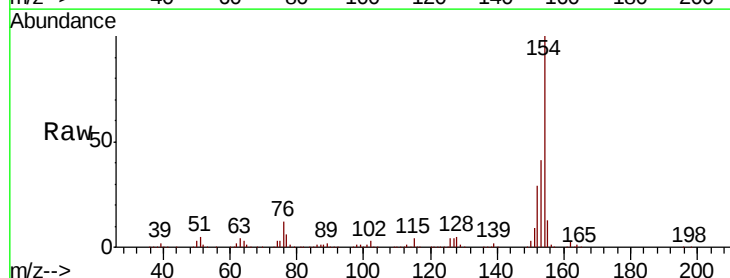
Tgt Ion:154 Resp: 1113204

Ion Ratio Lower Upper

154 100

153 40.8 20.4 60.4

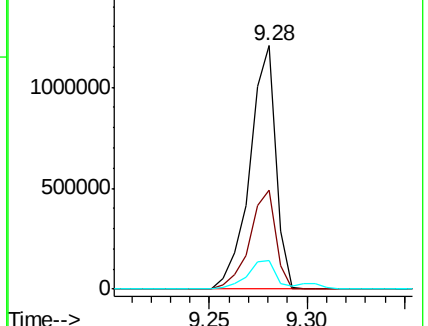
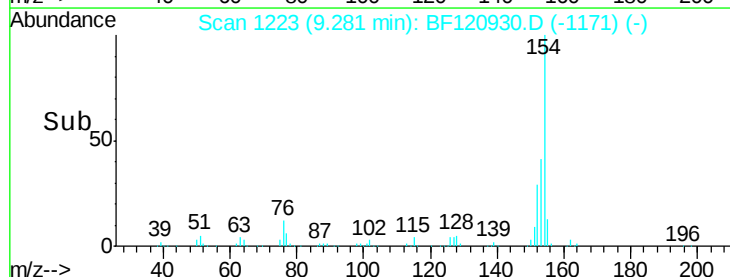
76 11.9 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

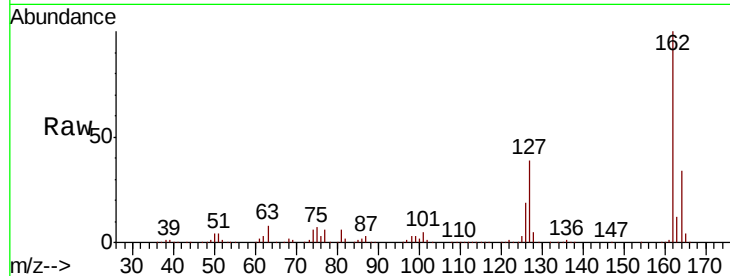




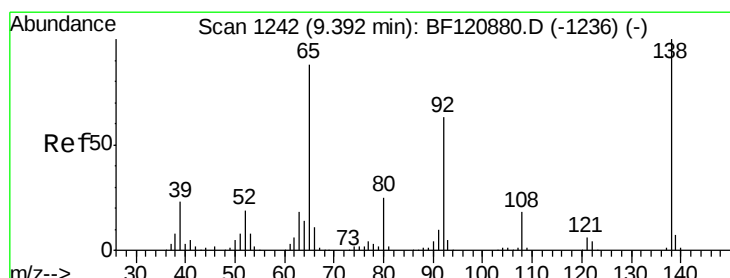
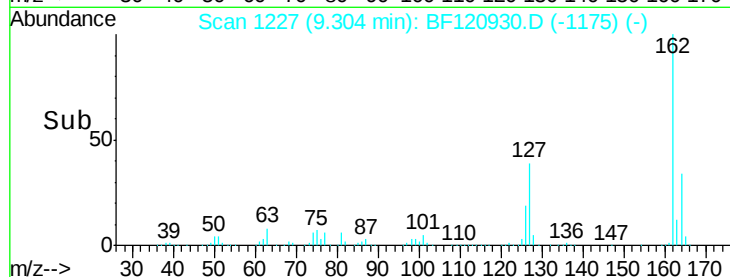
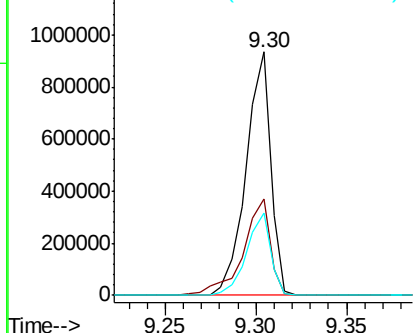
#47
 2-Chloronaphthalene
 Concen: 40.838 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BF120930.D
 Acq: 20 Jul 2020 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB130296BS

Tot Ion:162 Resp: 882351
 Ion Ratio Lower Upper
 162 100
 127 39.4 33.3 49.9
 164 33.6 26.6 39.8

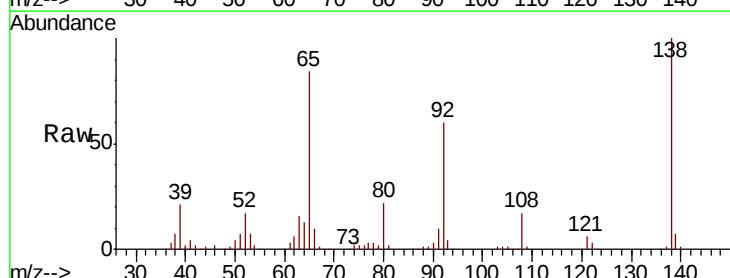


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

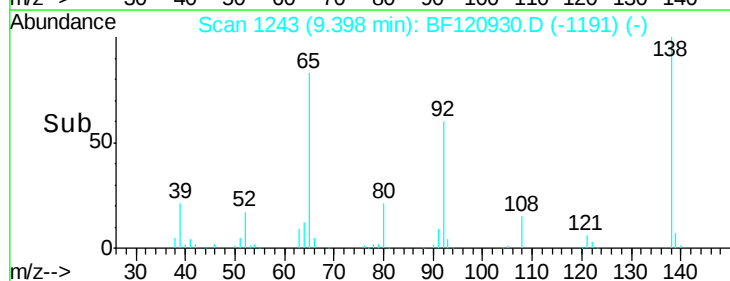
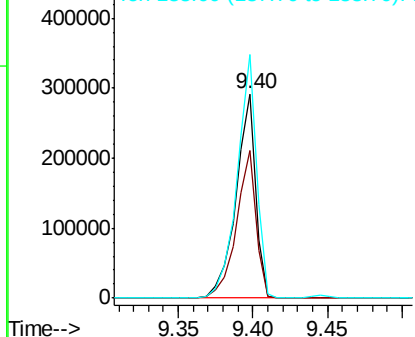


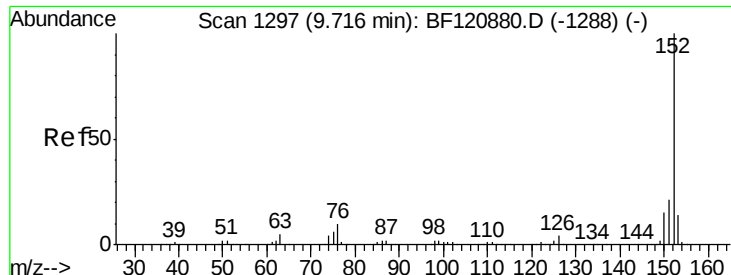
#48
 2-Nitroaniline
 Concen: 41.298 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF120930.D
 Acq: 20 Jul 2020 13:25

Tgt Ion: 65 Resp: 269656
 Ion Ratio Lower Upper
 65 100
 92 72.0 57.0 85.4
 138 119.2 90.4 135.6



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





#49

Acenaphthylene

Concen: 41.155 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Instrument :

BNA_F

ClientSampleId :

PB130296BS

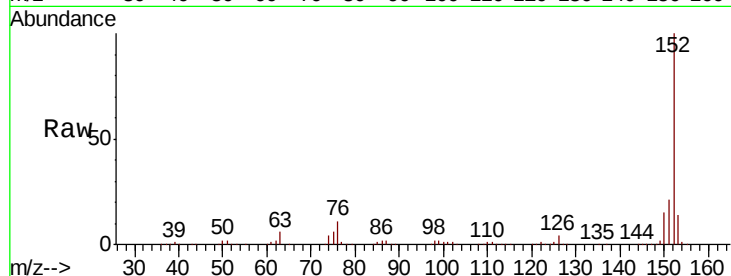
Tot Ion:152 Resp: 1381397

Ion Ratio Lower Upper

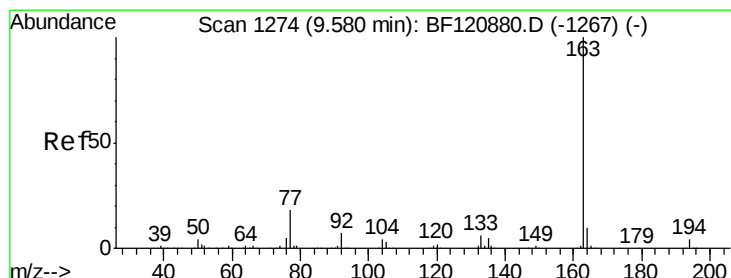
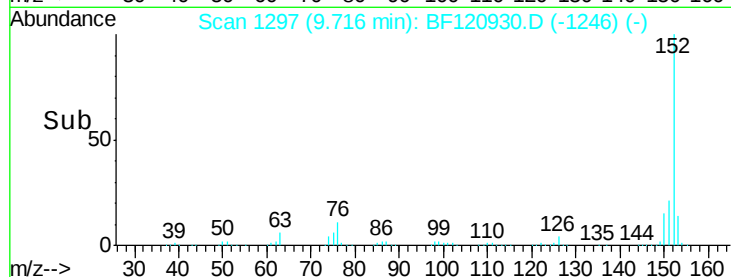
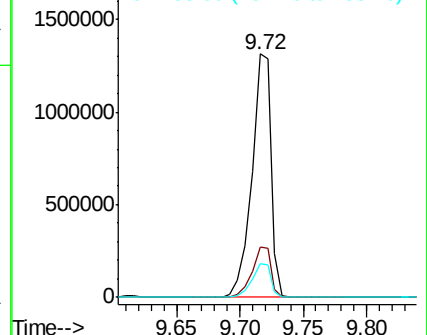
152 100

151 20.6 16.6 25.0

153 13.6 10.9 16.3



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: 41.028 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

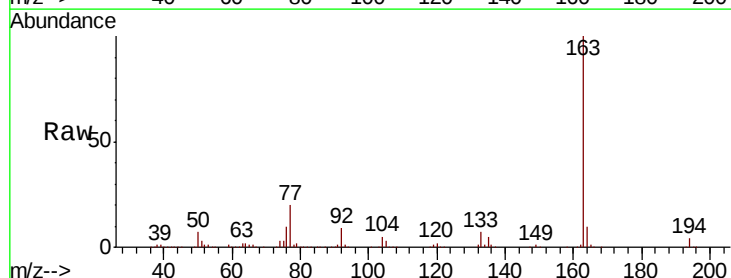
Tgt Ion:163 Resp: 1028324

Ion Ratio Lower Upper

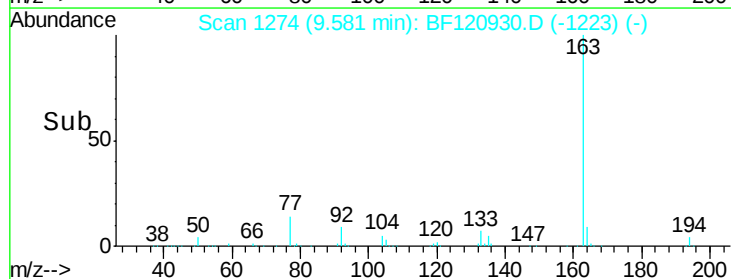
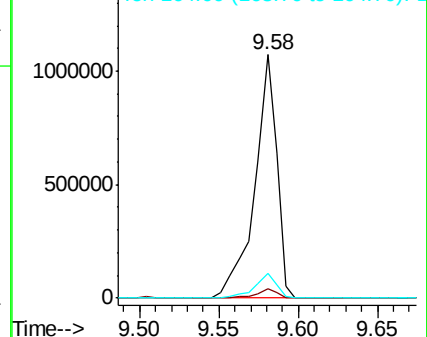
163 100

194 3.9 3.2 4.8

164 10.4 7.9 11.9



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

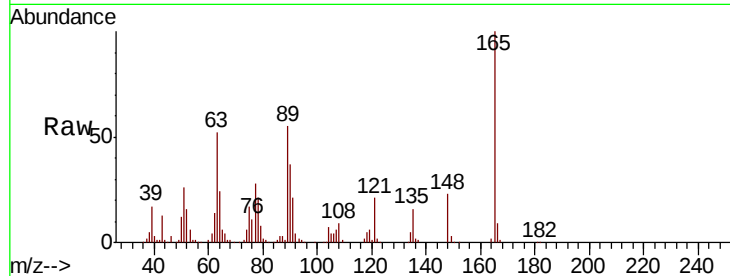




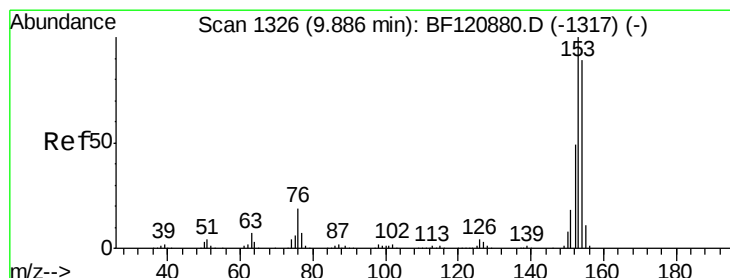
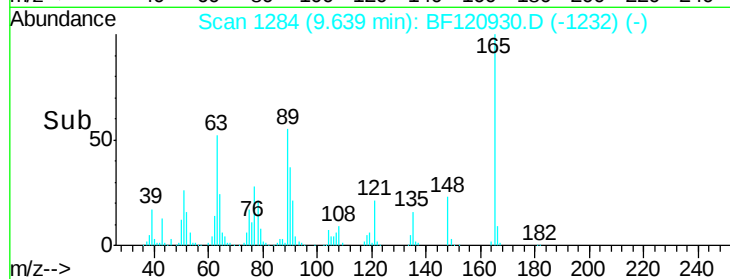
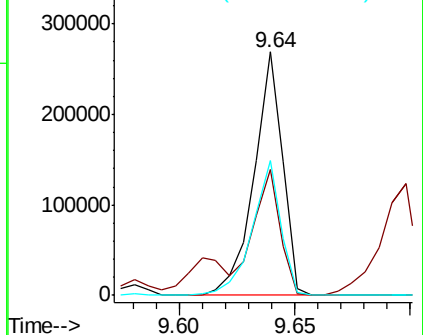
#51
2,6-Dinitrotoluene
Concen: 43.403 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion:165 Resp: 233714
Ion Ratio Lower Upper
165 100
63 51.6 45.4 68.2
89 55.2 47.0 70.4

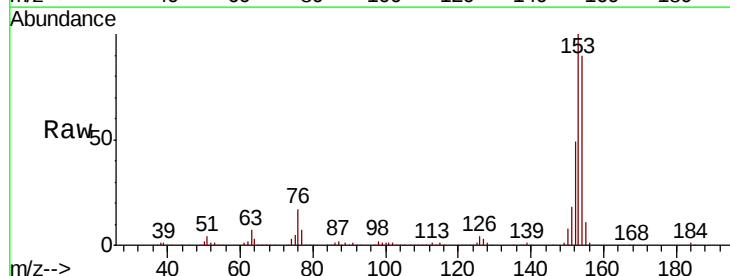


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

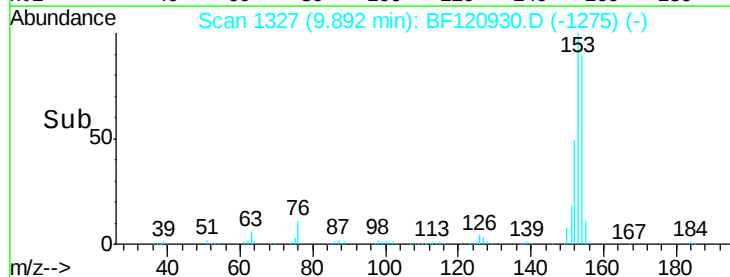
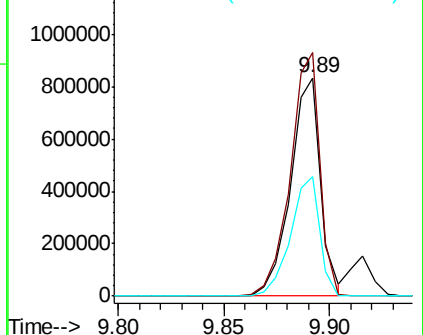


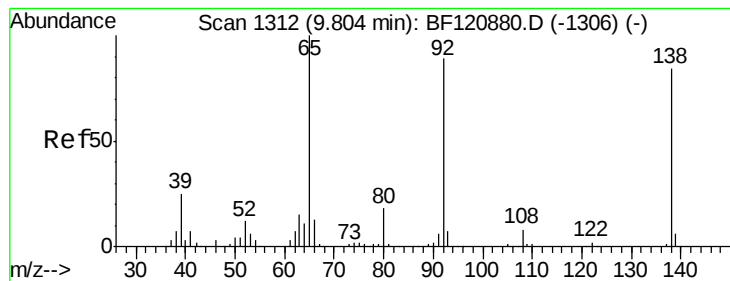
#52
Acenaphthene
Concen: 38.845 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion:154 Resp: 828959
Ion Ratio Lower Upper
154 100
153 111.5 89.5 134.3
152 54.7 44.2 66.2



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: 26.393 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Instrument :

BNA_F

ClientSampleId :

PB130296BS

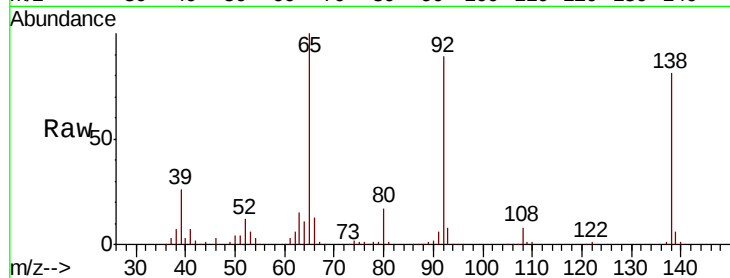
Tot Ion:138 Resp: 178244

Ion Ratio Lower Upper

138 100

108 9.4 7.9 11.9

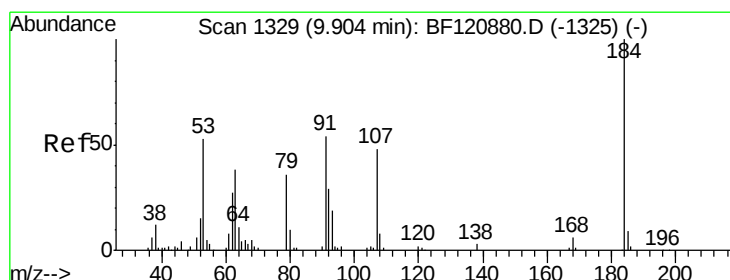
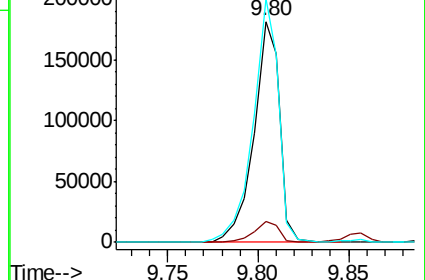
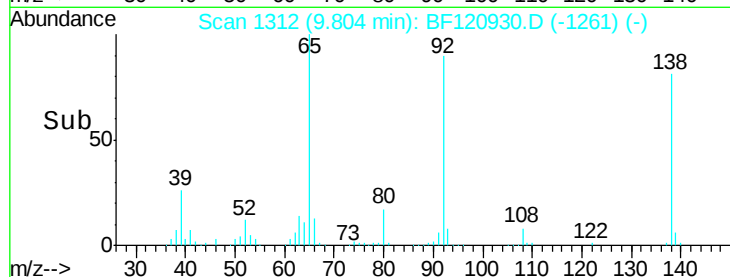
92 110.3 85.3 127.9



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: 75.858 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

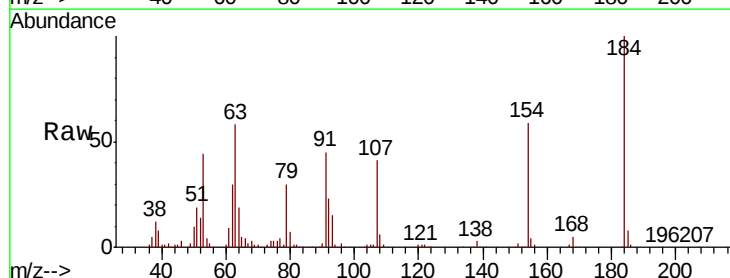
Tgt Ion:184 Resp: 233919

Ion Ratio Lower Upper

184 100

63 58.0 57.9 86.9

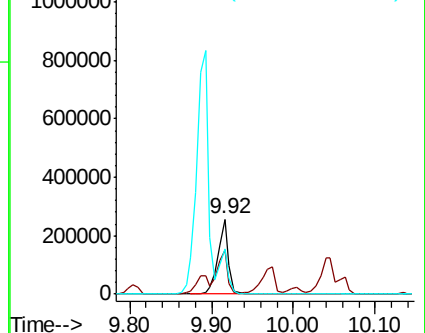
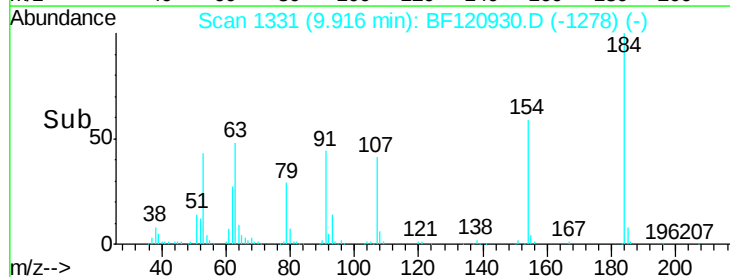
154 59.4 52.6 78.8

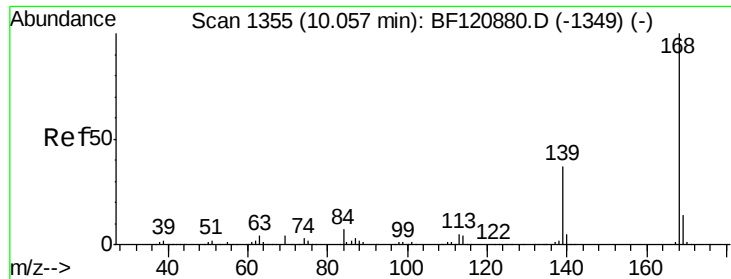


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

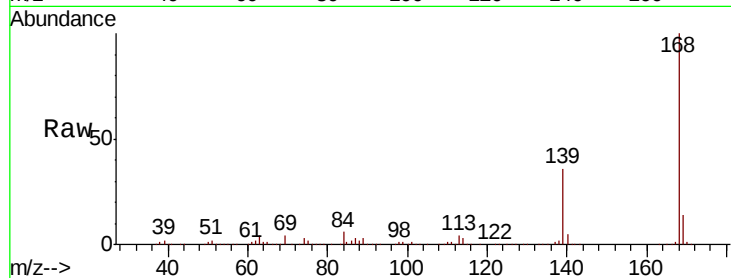




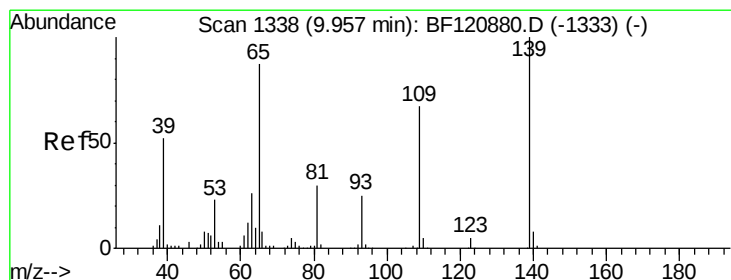
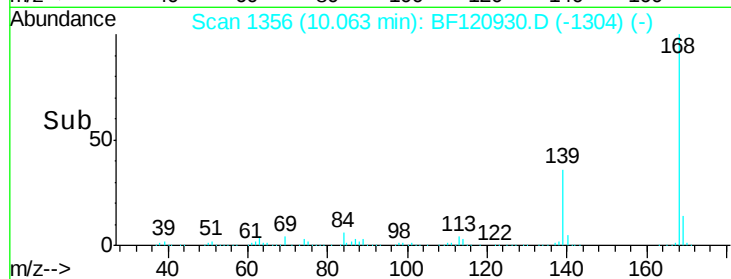
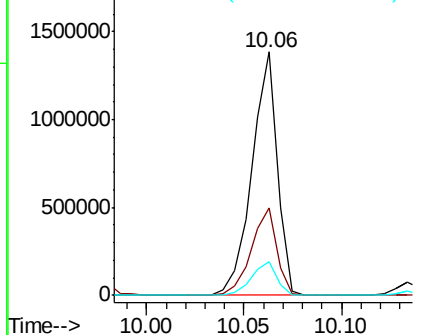
#55
Dibenzenofuran
Concen: 40.305 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion:168 Resp: 1243807
Ion Ratio Lower Upper
168 100
139 36.1 29.7 44.5
169 13.8 11.1 16.7

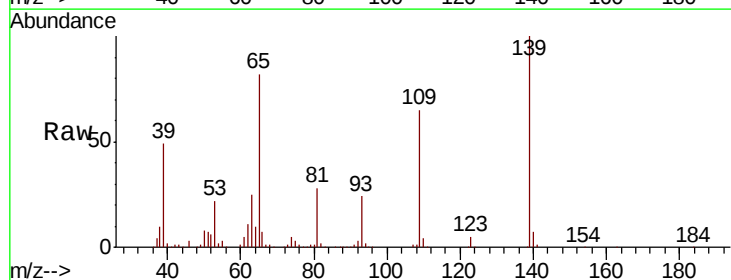


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

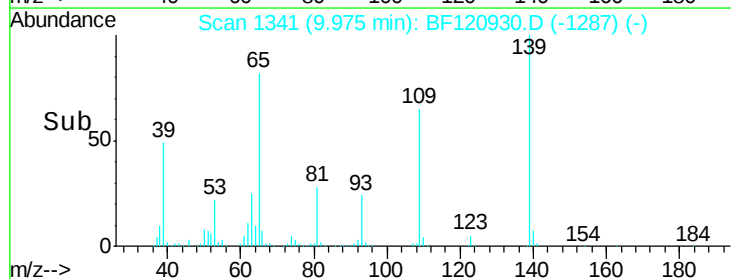
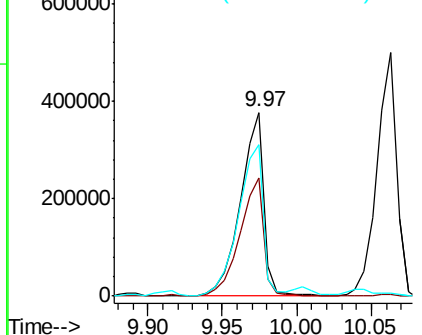


#56
4-Nitrophenol
Concen: 80.505 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion:139 Resp: 412997
Ion Ratio Lower Upper
139 100
109 64.7 47.3 87.3
65 82.5 67.2 107.2



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

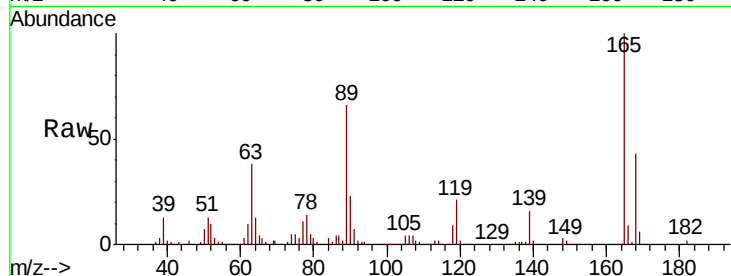




#57
2,4-Dinitrotoluene
Concen: 44.243 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.0	29.4	44.2
89	65.6	53.4	80.0
182	2.4	1.8	2.6

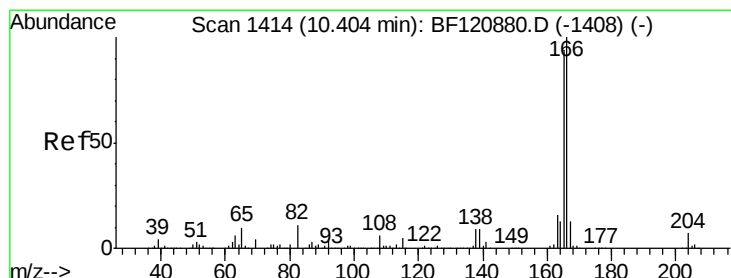
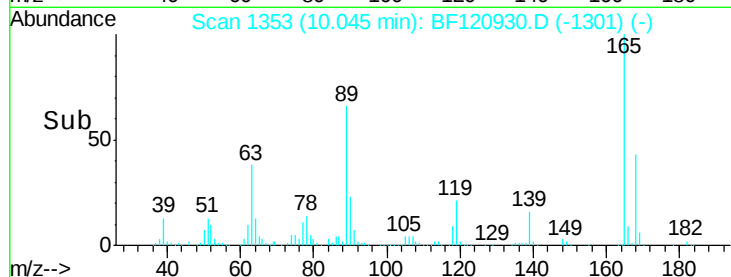
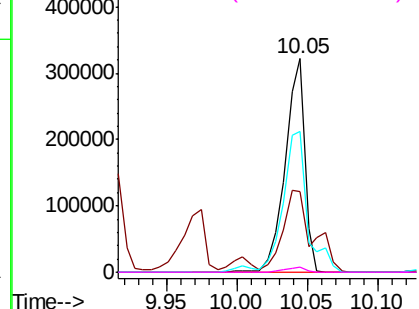


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

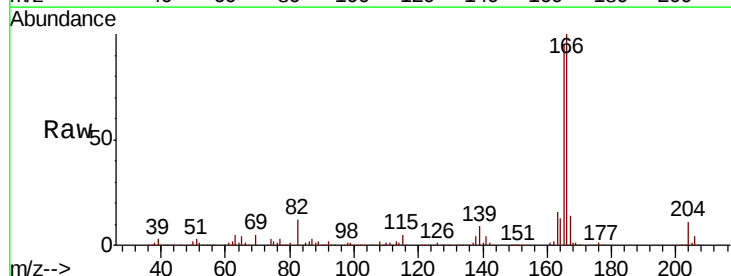
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.291 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

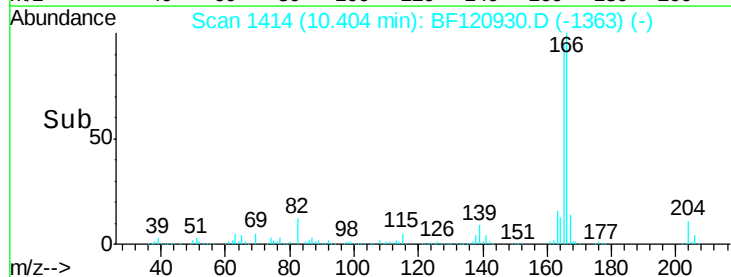
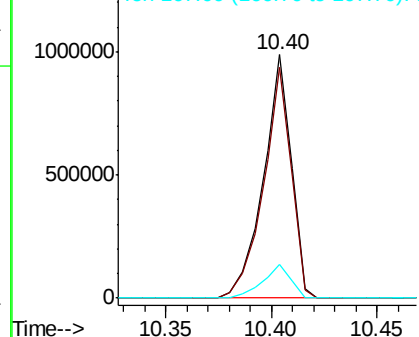
Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.6	75.4	113.0
167	13.7	10.6	15.8

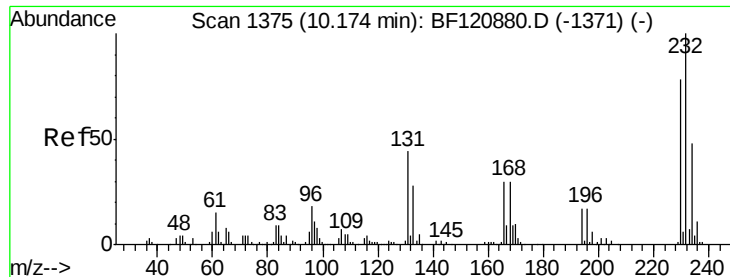


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

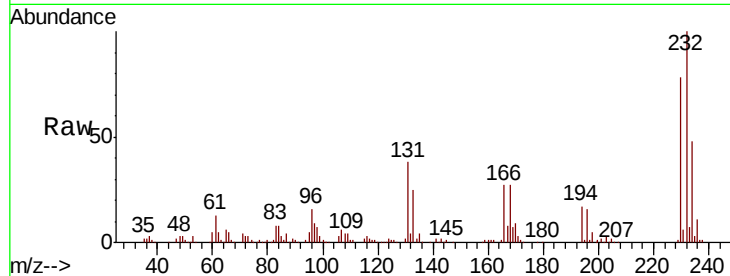




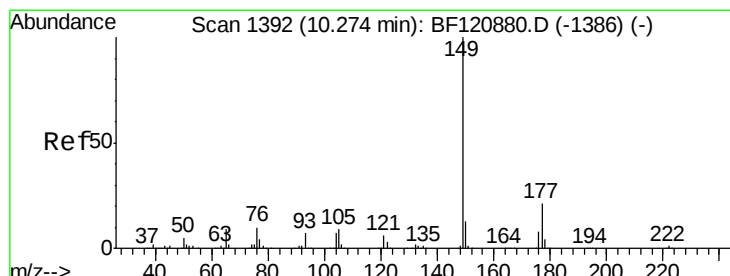
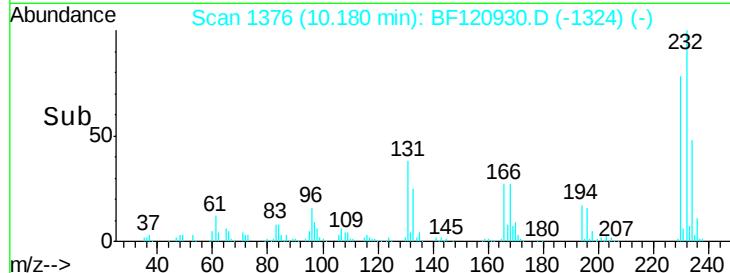
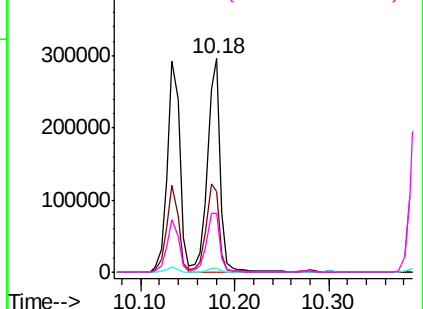
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.571 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.7	37.1	55.7
130	2.1	1.7	2.5
166	29.5	24.2	36.4

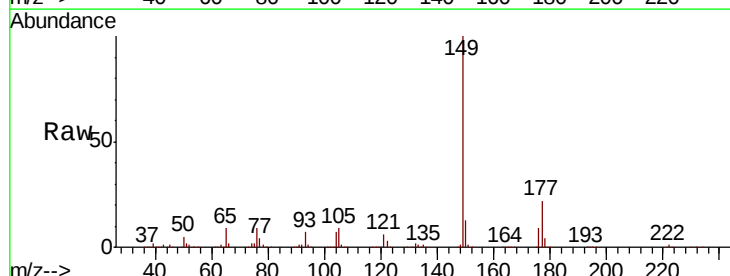


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

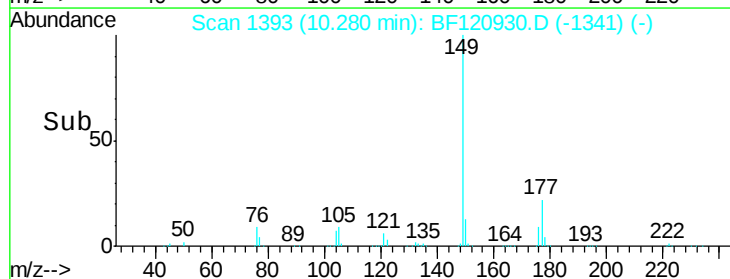
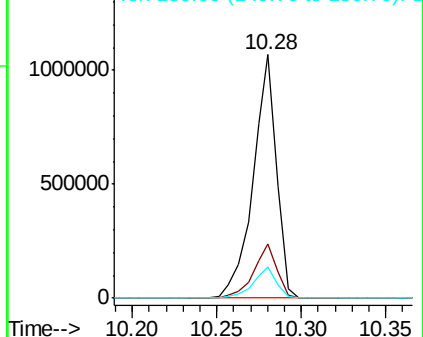


#60
Diethylphthalate
Concen: 40.771 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

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



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

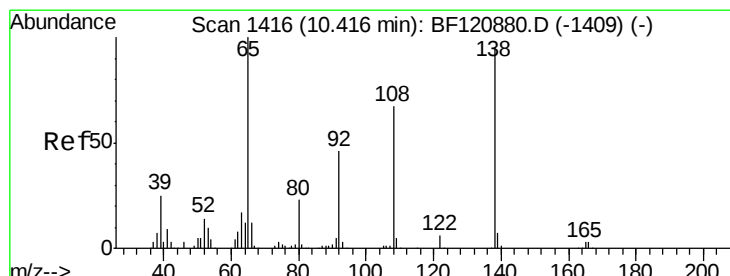
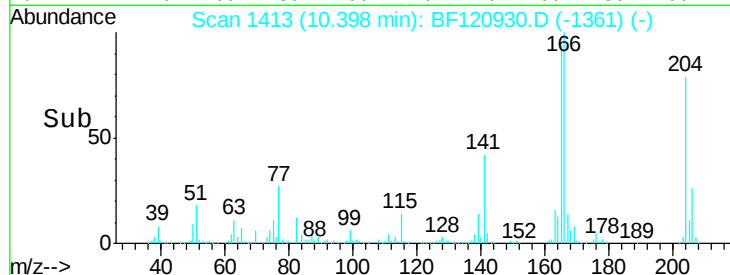
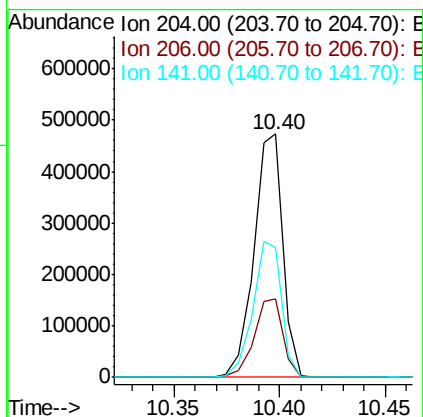
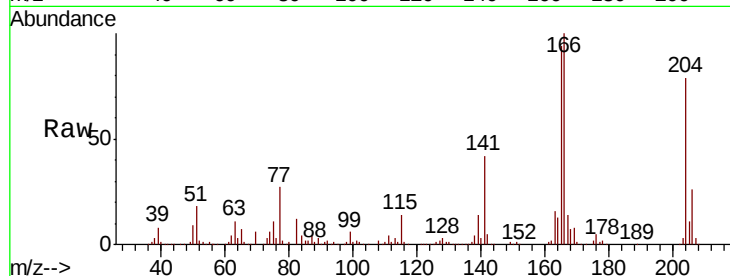




#61
 4-Chlorophenyl-phenylether
 Concen: 36.668 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF120930.D
 Acq: 20 Jul 2020 13:25

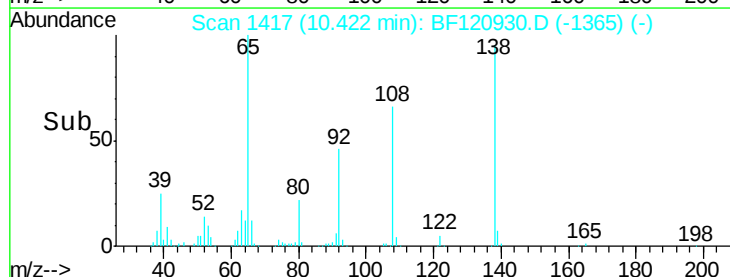
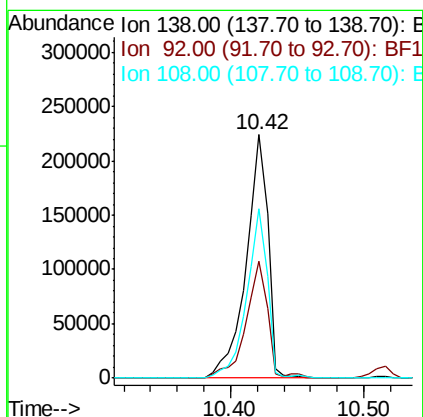
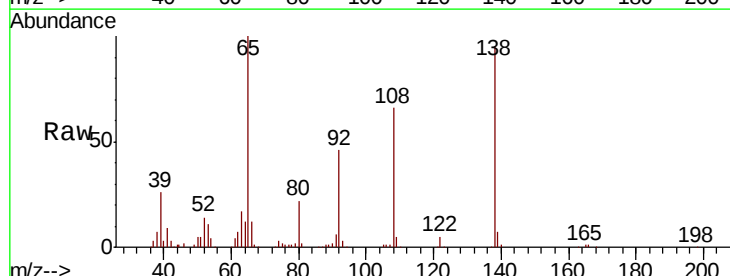
Instrument :
 BNA_F
 ClientSampleId :
 PB130296BS

Tot Ion:204 Resp: 450139
 Ion Ratio Lower Upper
 204 100
 206 32.5 25.9 38.9
 141 53.4 47.2 70.8



#62
 4-Nitroaniline
 Concen: 38.094 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: BF120930.D
 Acq: 20 Jul 2020 13:25

Tgt Ion:138 Resp: 250602
 Ion Ratio Lower Upper
 138 100
 92 48.3 28.6 68.6
 108 69.6 51.1 91.1

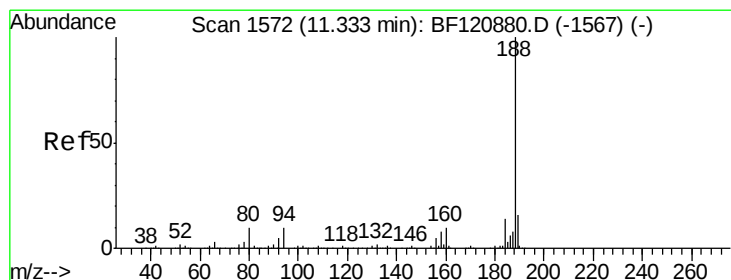
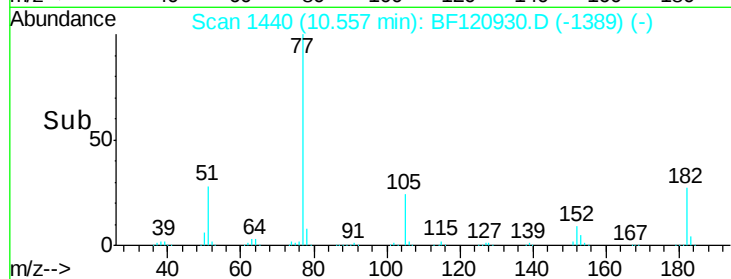
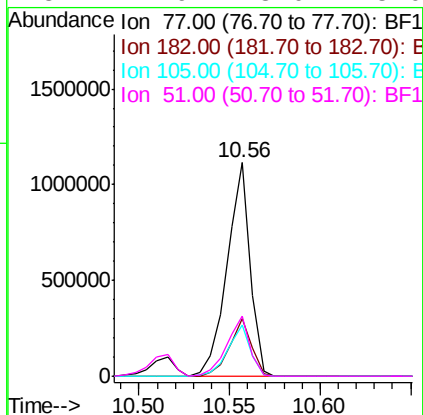
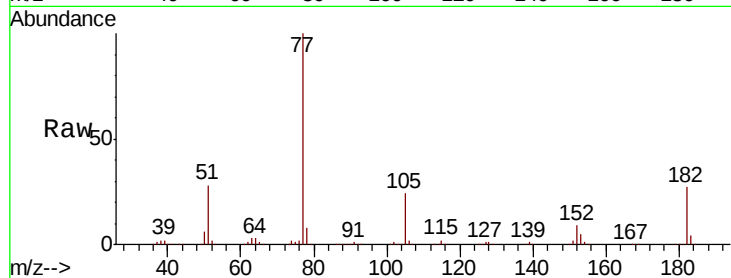




#63
Azobenzene
Concen: 40.687 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

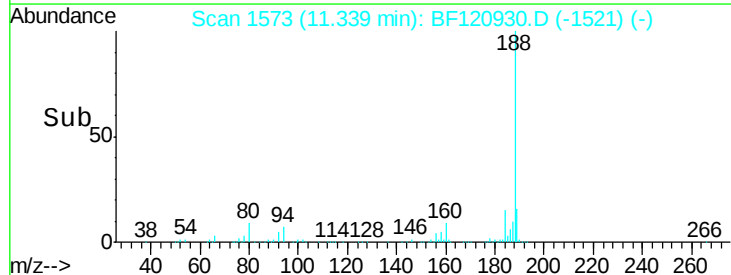
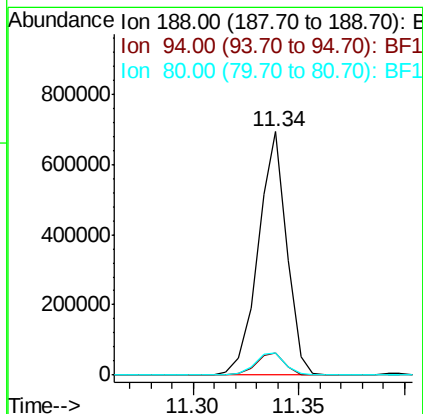
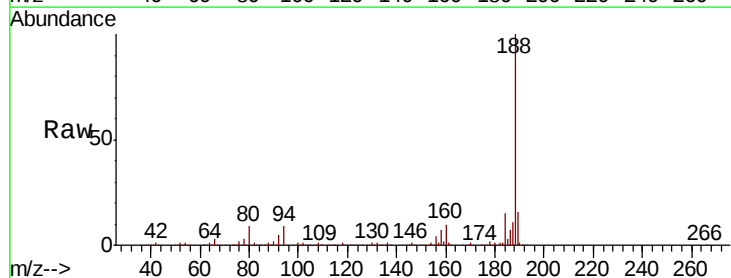
Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion: 77 Resp: 981975
Ion Ratio Lower Upper
77 100
182 26.9 7.8 47.8
105 24.1 4.4 44.4
51 27.9 8.0 48.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion: 188 Resp: 648379
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 9.3 8.3 12.5





#65

4,6-Dinitro-2-methylphenol

Concen: 43.960 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Instrument :

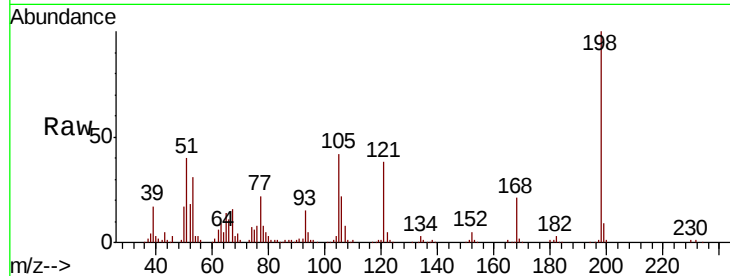
BNA_F

ClientSampleId :

PB130296BS

Tot Ion:198 Resp: 163645

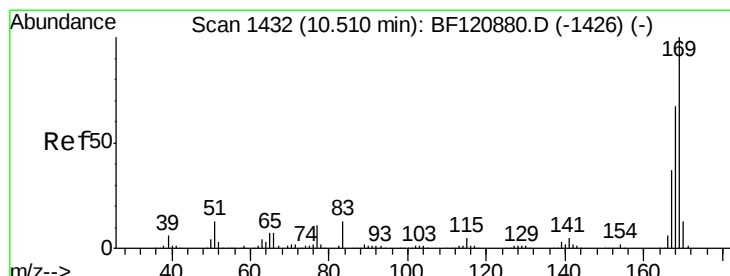
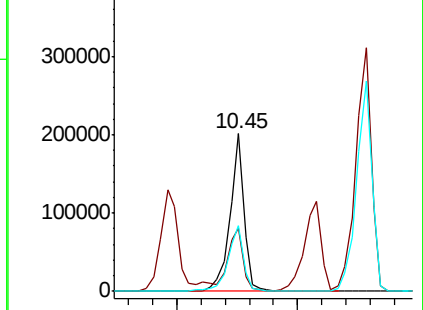
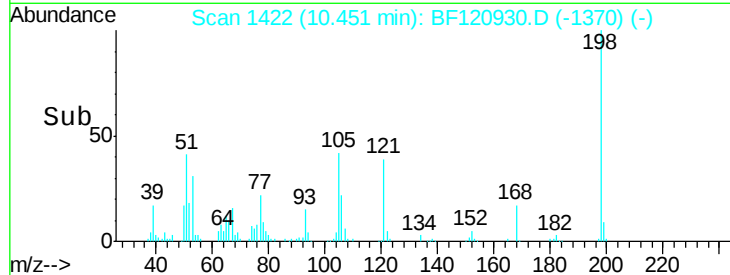
Ion	Ratio	Lower	Upper
198	100		
51	40.2	19.5	59.5
105	42.0	24.4	64.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.907 ng

RT: 10.52 min Scan# 1433

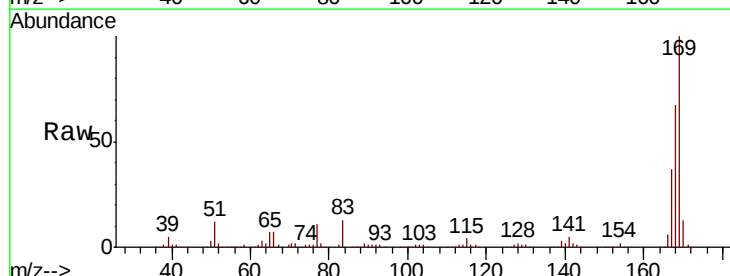
Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Tgt Ion:169 Resp: 875170

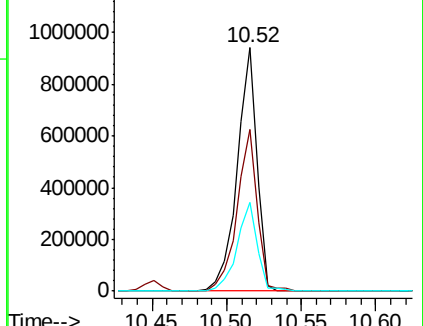
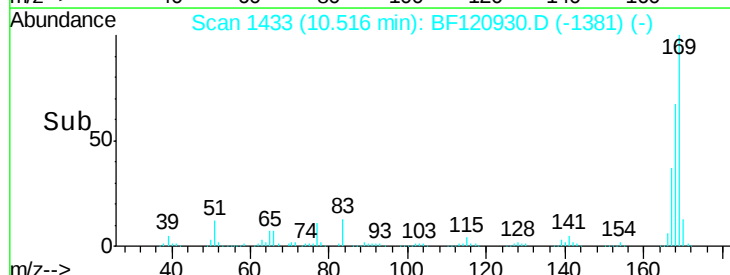
Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.4	80.0
167	36.7	29.4	44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

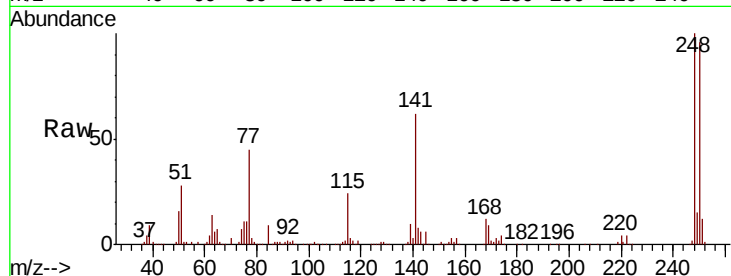




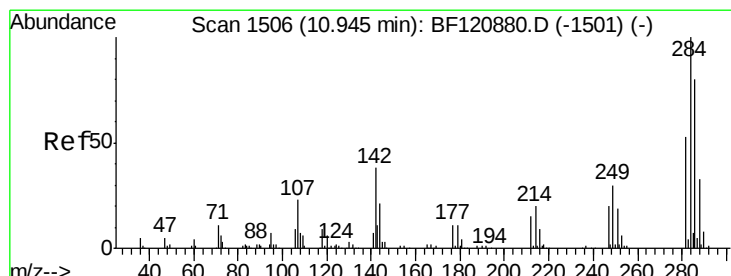
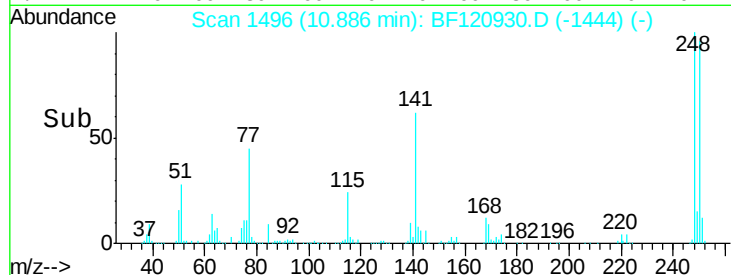
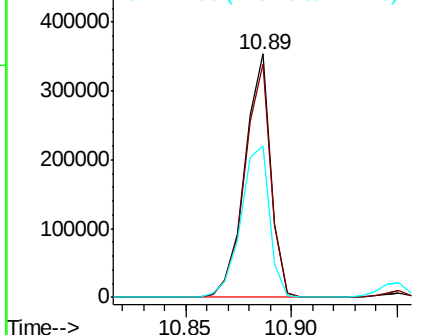
#67
 4-Bromophenyl-phenylether
 Concen: 41.752 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120930.D
 Acq: 20 Jul 2020 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB130296BS

Tot Ion:248 Resp: 301819
 Ion Ratio Lower Upper
 248 100
 250 96.0 77.1 115.7
 141 62.4 61.2 91.8

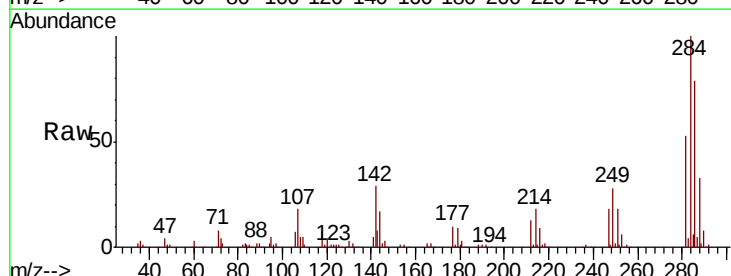


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

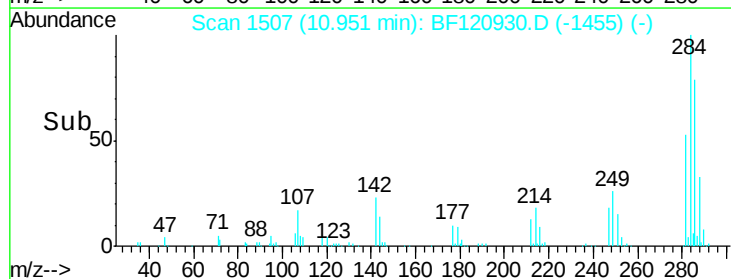
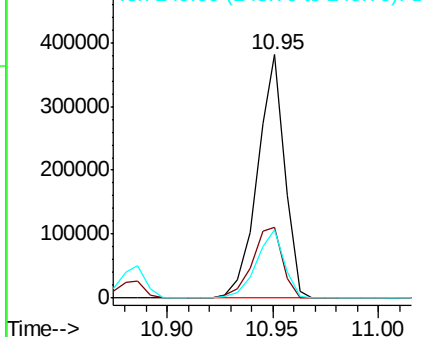


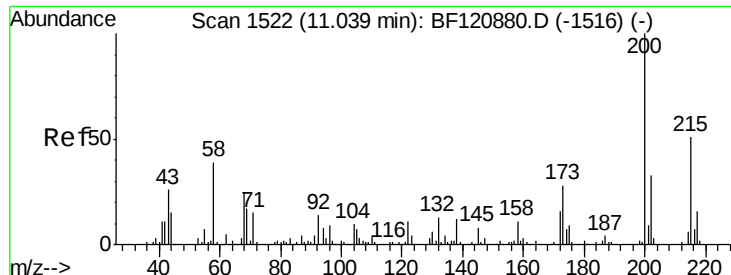
#68
 Hexachlorobenzene
 Concen: 43.567 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120930.D
 Acq: 20 Jul 2020 13:25

Tgt Ion:284 Resp: 340686
 Ion Ratio Lower Upper
 284 100
 142 29.3 30.2 45.2#
 249 28.1 24.2 36.2



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: 50.996 ng

RT: 11.05 min Scan# 1523

Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Instrument :

BNA_F

ClientSampleId :

PB130296BS

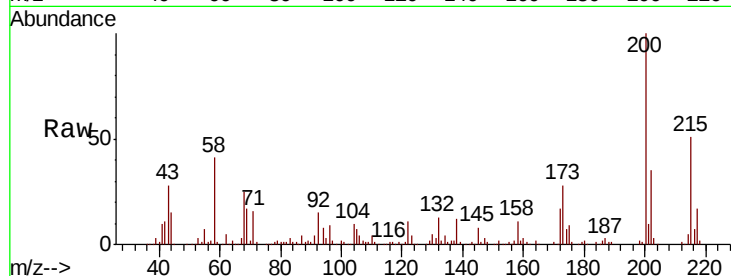
Tot Ion:200 Resp: 257600

Ion Ratio Lower Upper

200 100

173 28.1 8.0 48.0

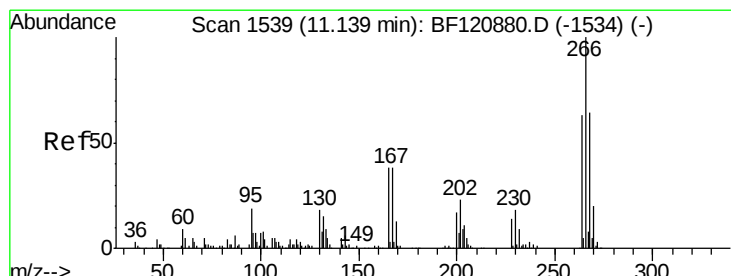
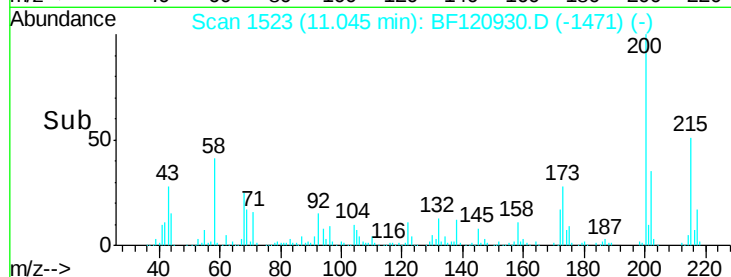
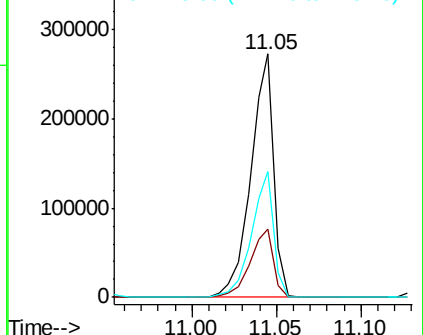
215 51.5 31.5 71.5



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: 87.314 ng

RT: 11.15 min Scan# 1540

Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

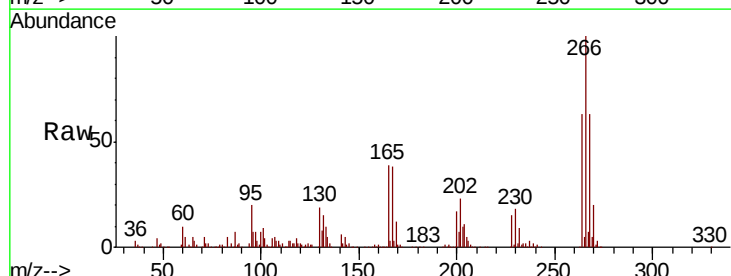
Tgt Ion:266 Resp: 391152

Ion Ratio Lower Upper

266 100

268 63.2 51.1 76.7

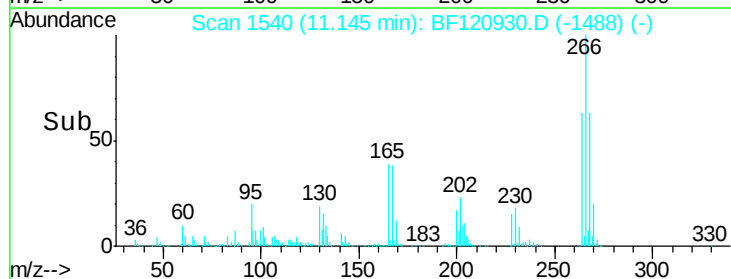
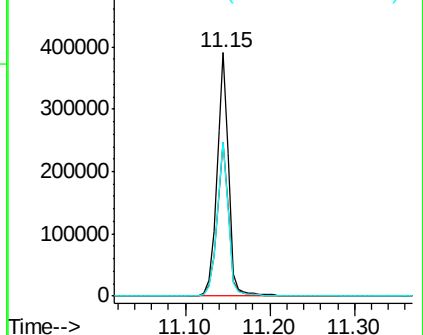
264 63.3 50.2 75.2

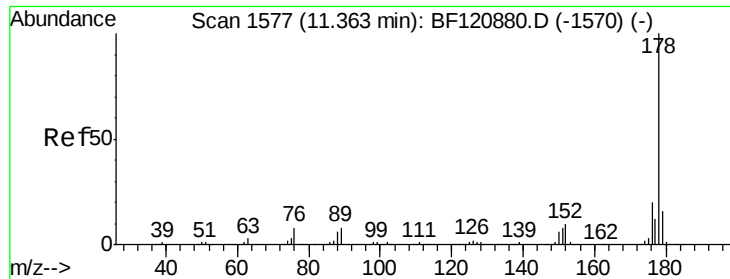


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

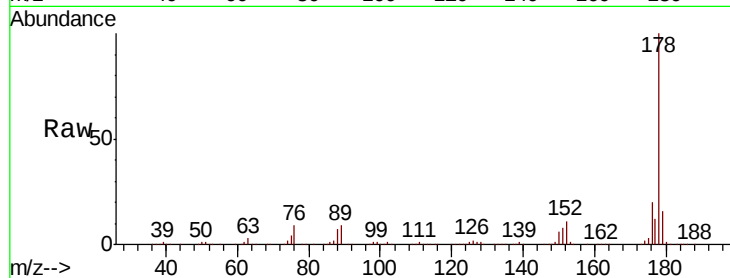




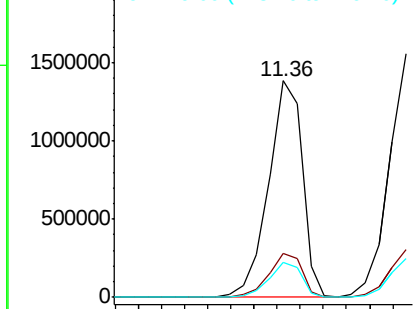
#71
 Phenanthrene
 Concen: 42.162 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BF120930.D
 Acq: 20 Jul 2020 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB130296BS

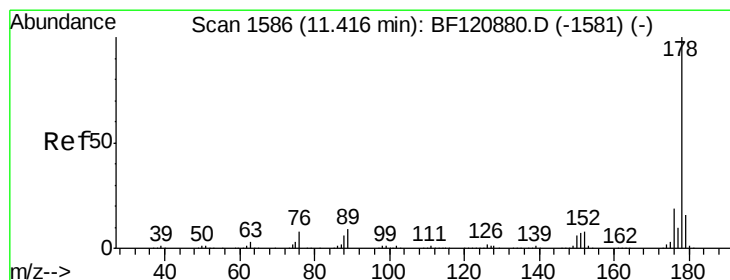
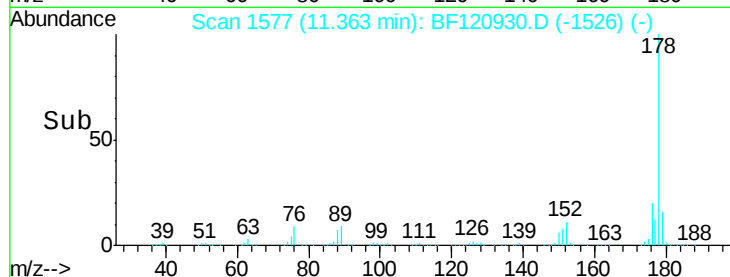
Tot Ion:178 Resp: 1405964
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.2 24.4
 179 16.2 12.8 19.2



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

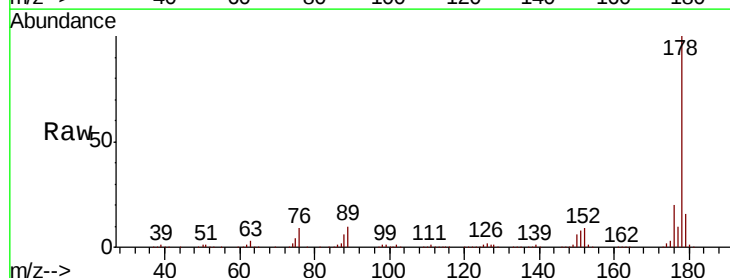


Time--> 11.30 11.35 11.40

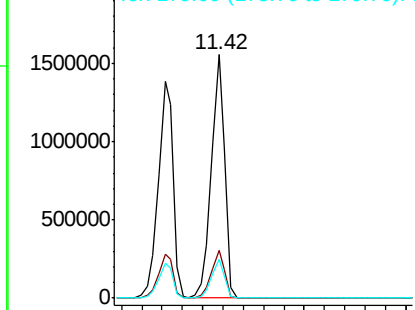


#72
 Anthracene
 Concen: 42.557 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF120930.D
 Acq: 20 Jul 2020 13:25

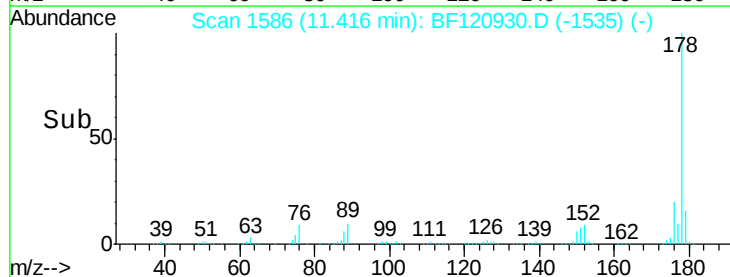
Tgt Ion:178 Resp: 1424987
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.5 23.3
 179 16.1 12.8 19.2



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



Time--> 11.40 11.50





#73

Carbazole

Concen: 40.549 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Instrument :

BNA_F

ClientSampleId :

PB130296BS

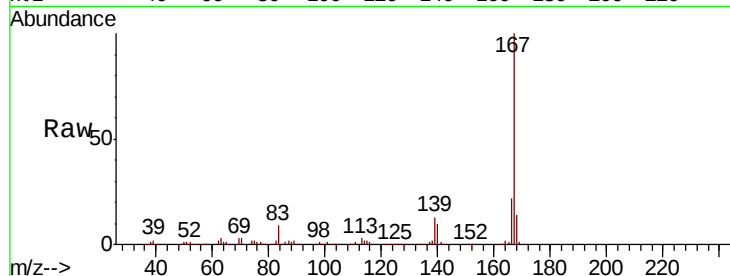
Tot Ion:167 Resp: 1347459

Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

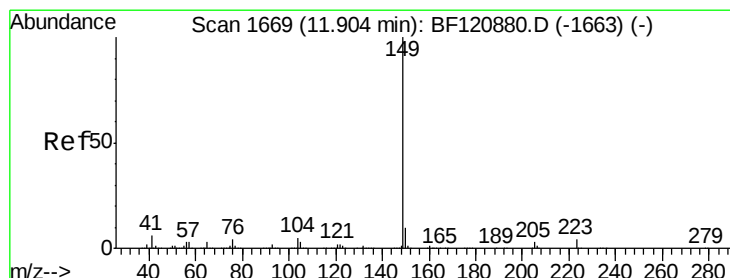
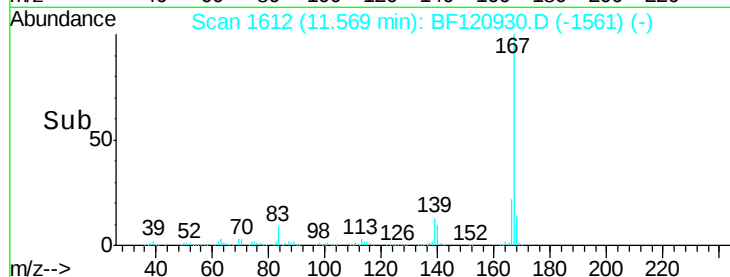
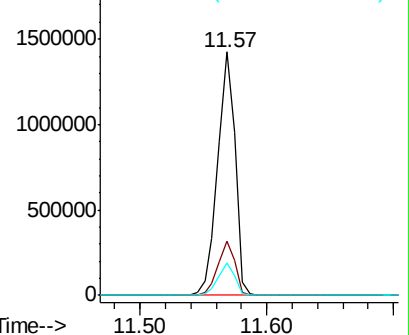
139 13.2 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.681 ng

RT: 11.90 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

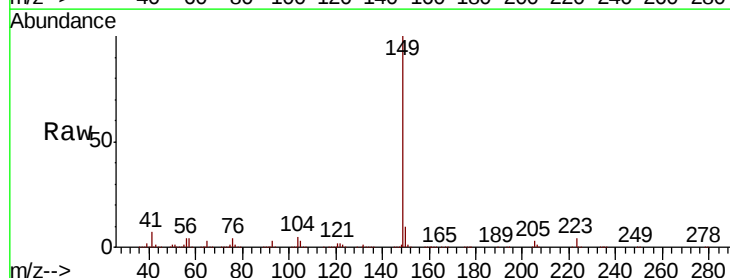
Tgt Ion:149 Resp: 1598352

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

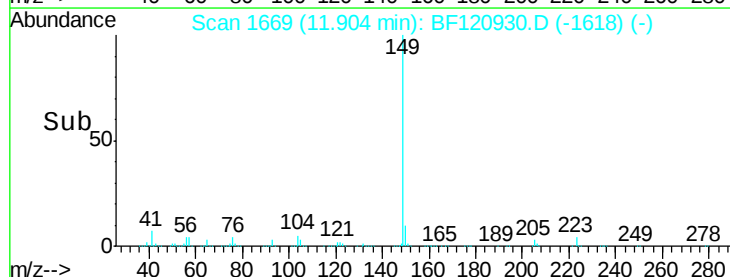
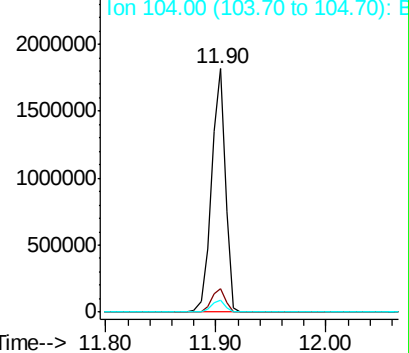
104 4.8 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

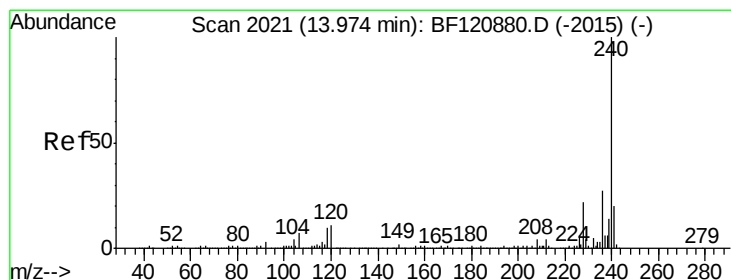
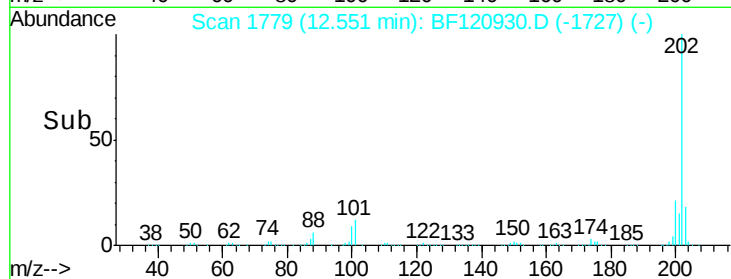
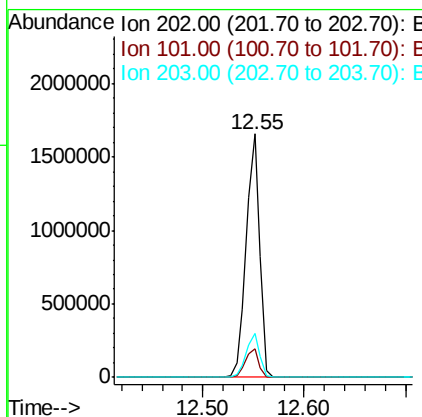
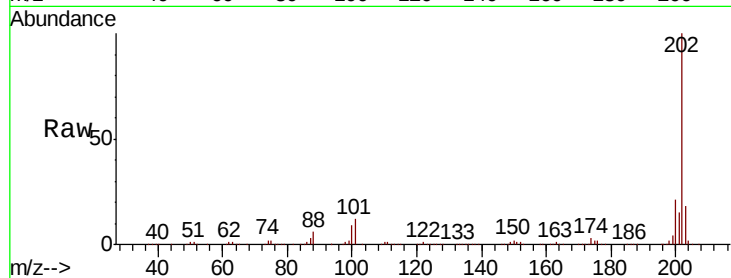




#75
 Fluoranthene
 Concen: 41.563 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF120930.D
 Acq: 20 Jul 2020 13:25

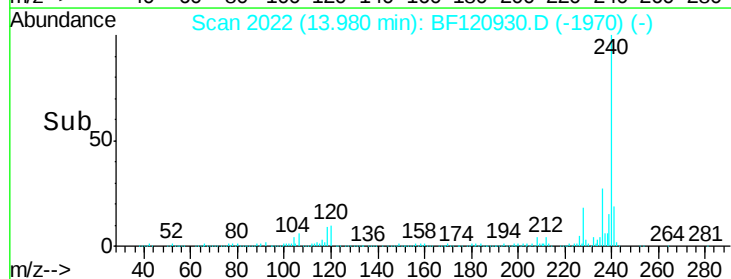
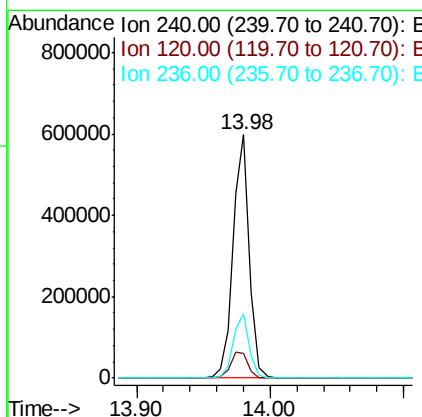
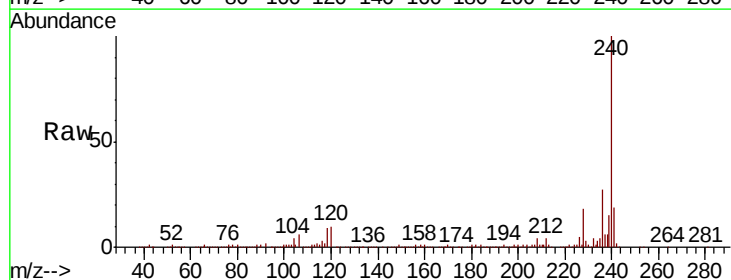
Instrument :
 BNA_F
 ClientSampleId :
 PB130296BS

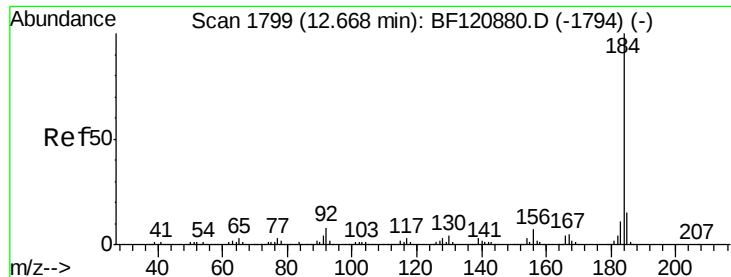
Tot Ion:202 Resp: 1536240
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 32.7
 203 18.2 0.0 38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF120930.D
 Acq: 20 Jul 2020 13:25

Tgt Ion:240 Resp: 507782
 Ion Ratio Lower Upper
 240 100
 120 10.2 9.0 13.4
 236 26.6 21.7 32.5

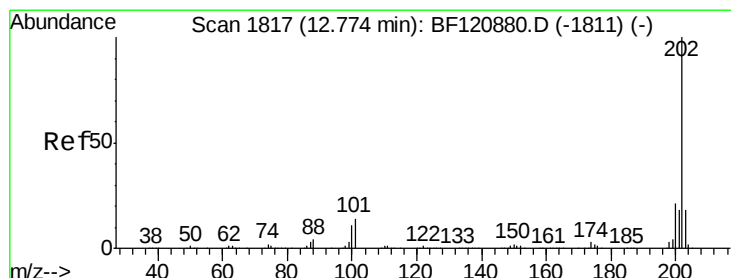
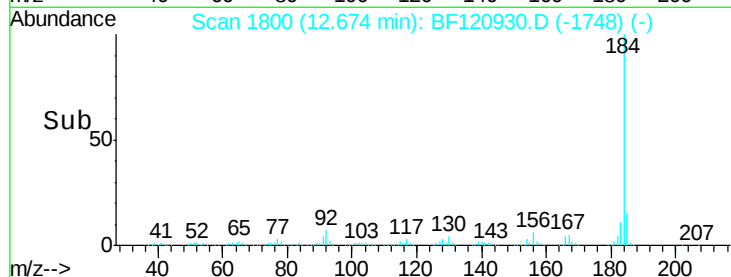
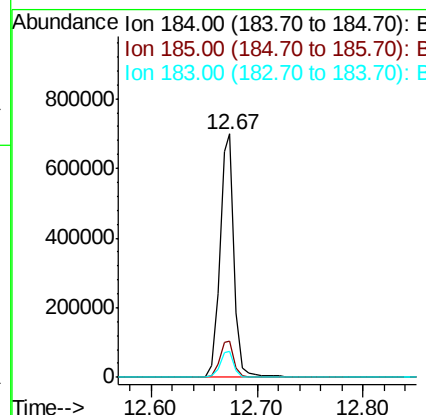
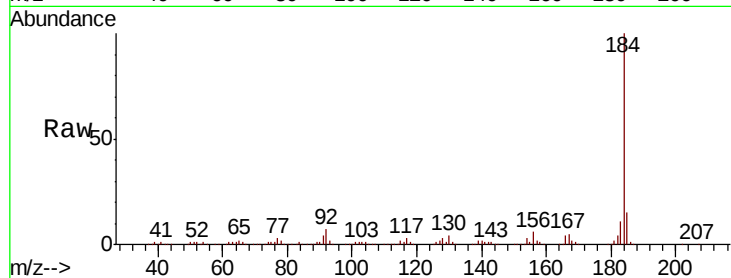




#77
Benzidine
Concen: 50.128 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

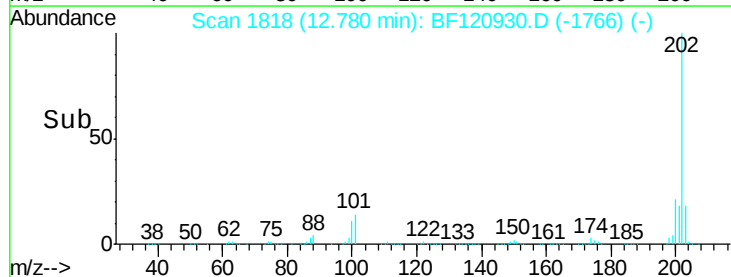
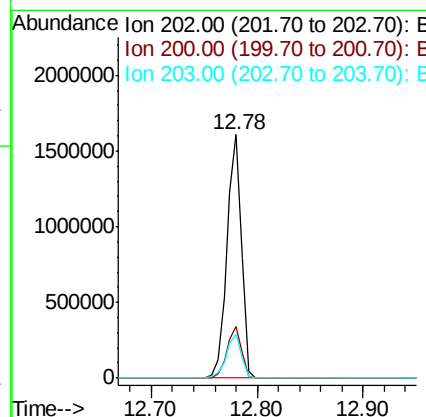
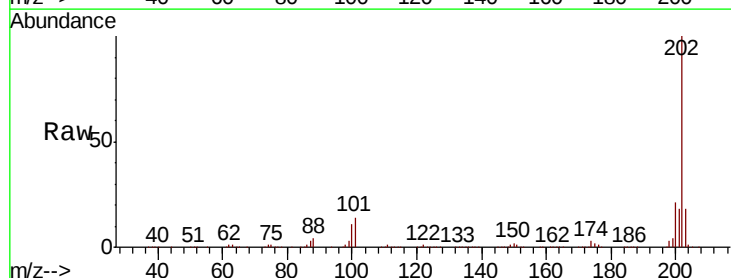
Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion:184 Resp: 669237
Ion Ratio Lower Upper
184 100
185 15.0 12.2 18.2
183 10.7 8.5 12.7



#78
Pyrene
Concen: 43.006 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion:202 Resp: 1543914
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.4
203 18.3 14.4 21.6





#79

Terphenyl-d14

Concen: 67.338 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Instrument :

BNA_F

ClientSampleId :

PB130296BS

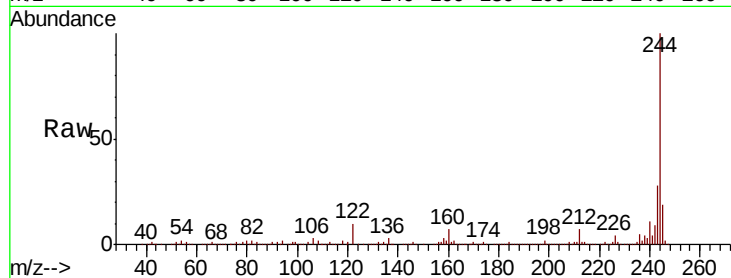
Tot Ion:244 Resp: 1572985

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

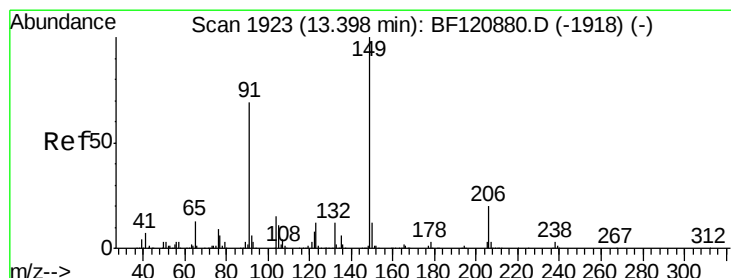
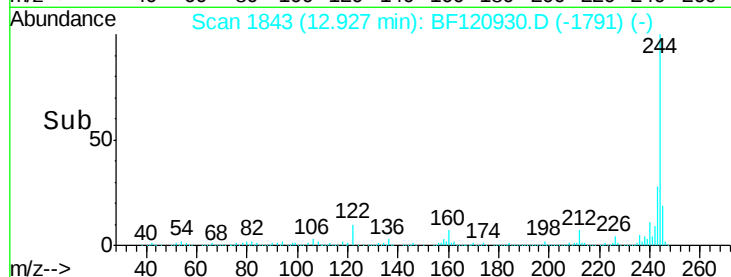
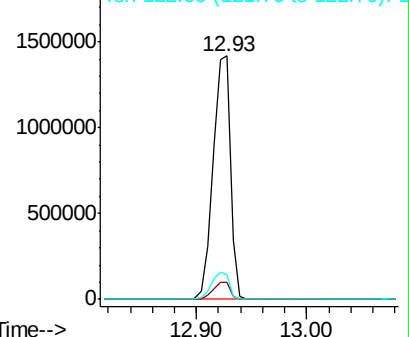
122 10.3 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.841 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

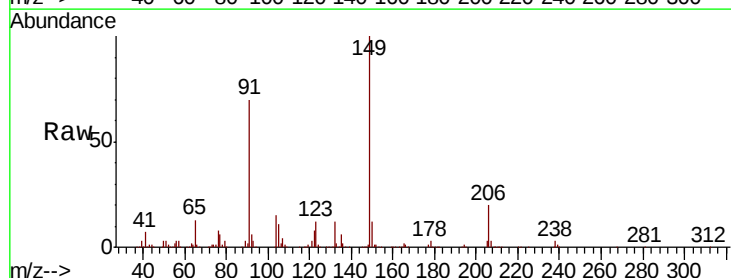
Tgt Ion:149 Resp: 701629

Ion Ratio Lower Upper

149 100

91 69.9 55.1 82.7

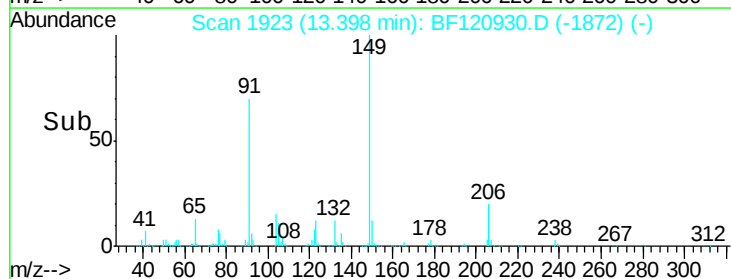
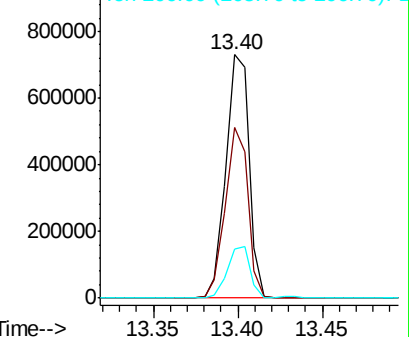
206 20.2 16.1 24.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.505 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Instrument :

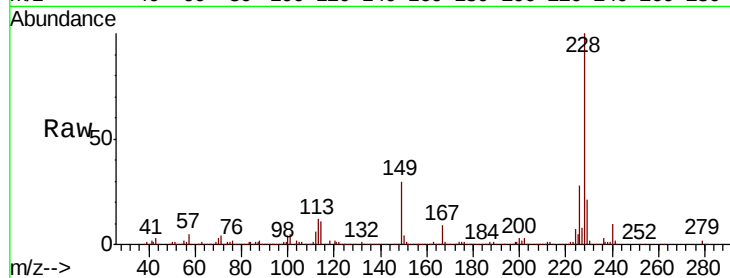
BNA_F

ClientSampleId :

PB130296BS

Tot Ion:228 Resp: 1245491

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.3	33.5
229	20.5	16.1	24.1

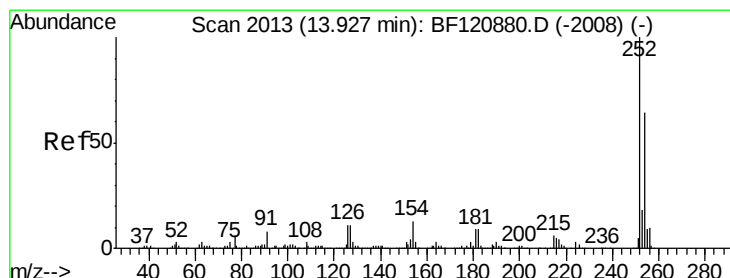
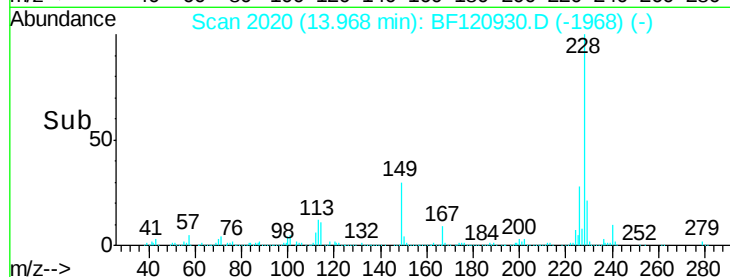
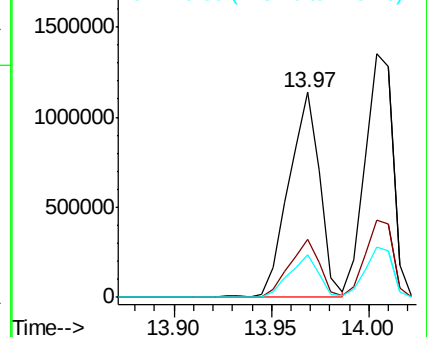


Abundance

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: 34.916 ng

RT: 13.93 min Scan# 2014

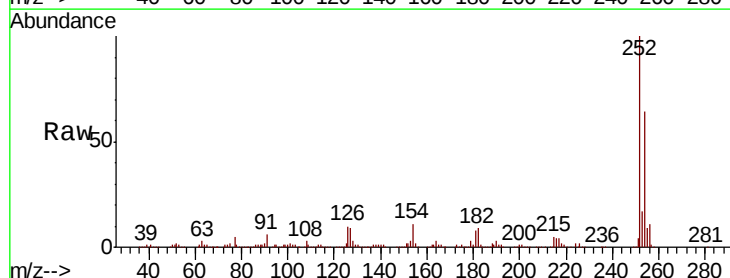
Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Tgt Ion:252 Resp: 405048

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.2	76.8
126	9.6	8.7	13.1

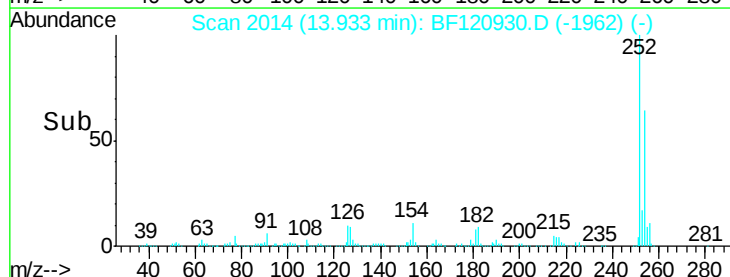
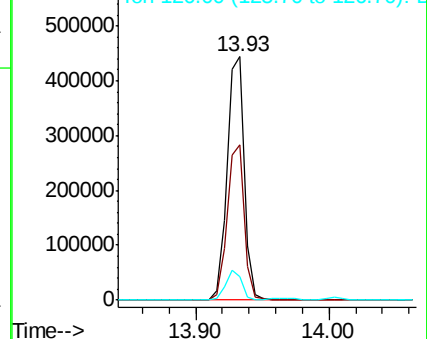


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.683 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Instrument :

BNA_F

ClientSampleId :

PB130296BS

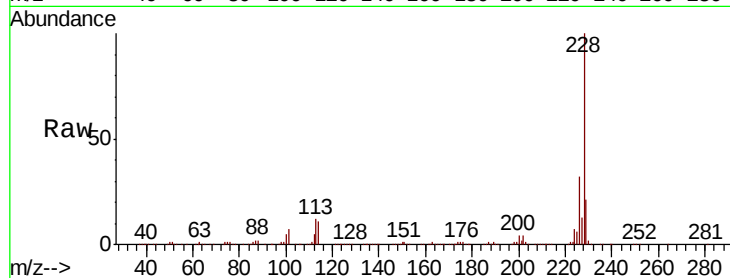
Tot Ion:228 Resp: 1346920

Ion Ratio Lower Upper

228 100

226 31.8 25.6 38.4

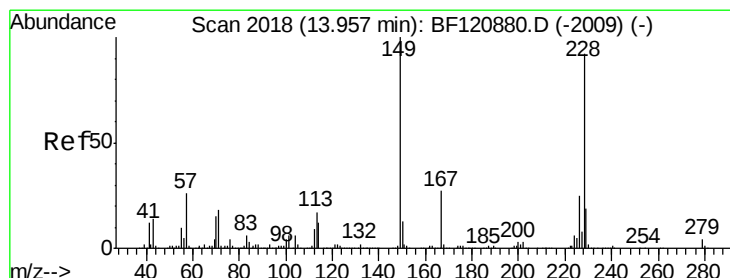
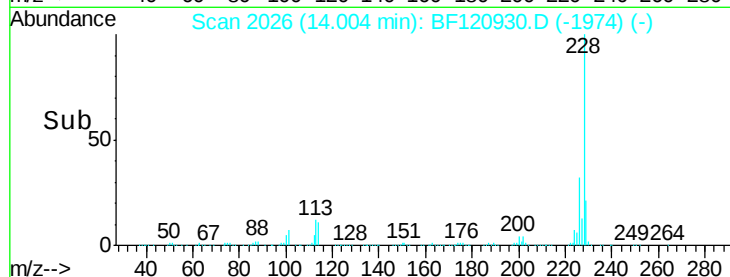
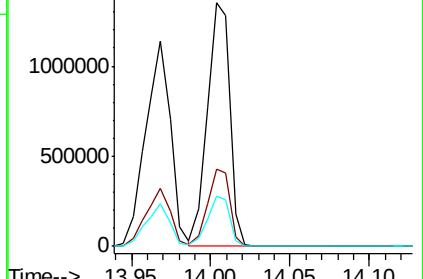
229 20.9 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.180 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

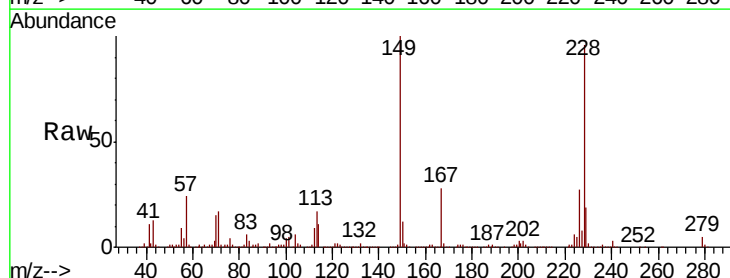
Tgt Ion:149 Resp: 832408

Ion Ratio Lower Upper

149 100

167 27.6 21.9 32.9

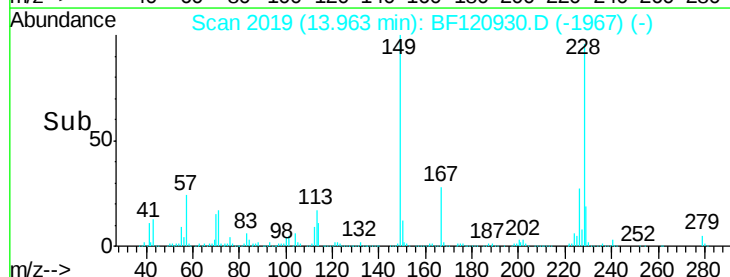
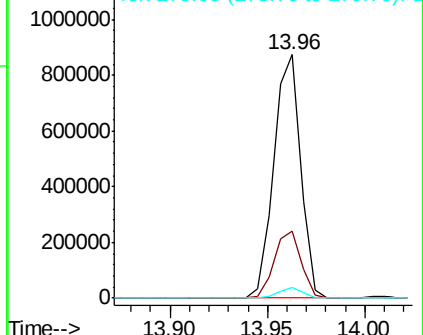
279 4.5 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

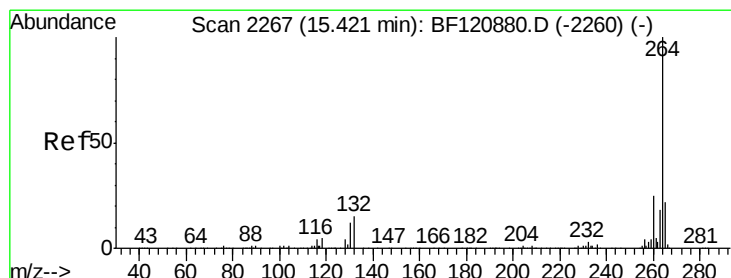
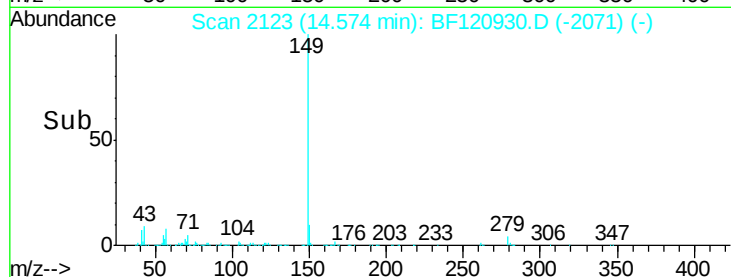
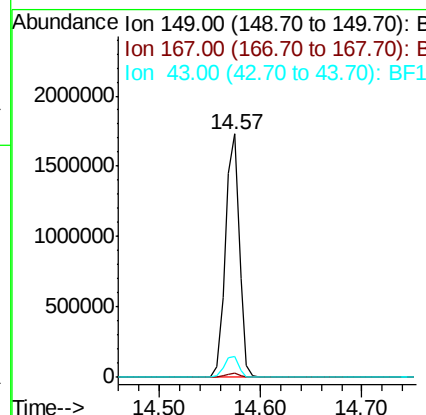
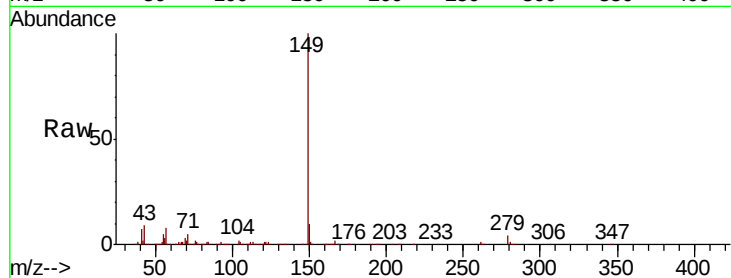




#85
Di-n-octyl phthalate
Concen: 41.749 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

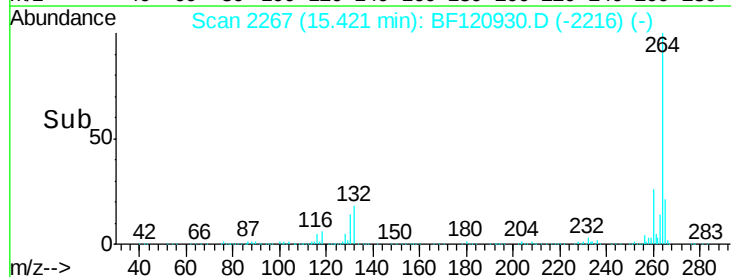
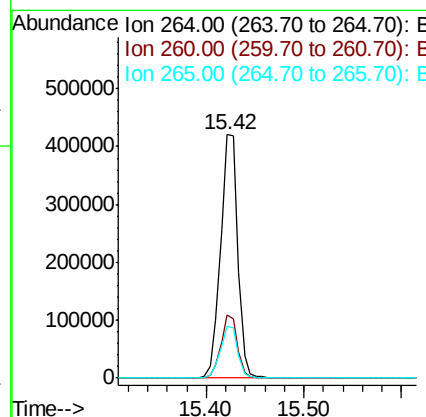
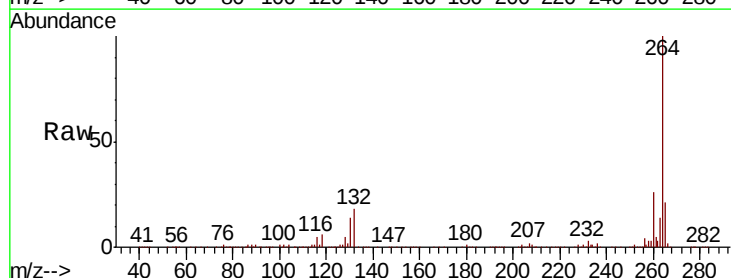
Instrument :
BNA_F
ClientSampleId :
PB130296BS

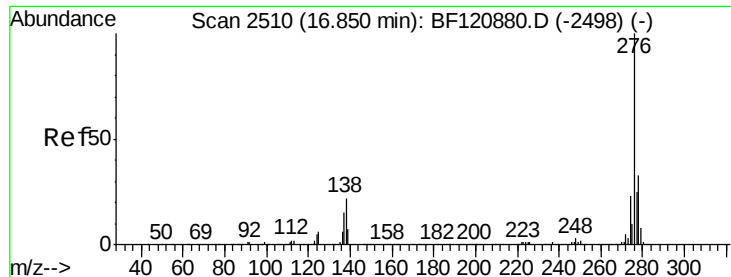
Tot Ion:149 Resp: 1639157
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.2 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion:264 Resp: 516227
Ion Ratio Lower Upper
264 100
260 25.9 20.0 30.0
265 21.4 17.4 26.2

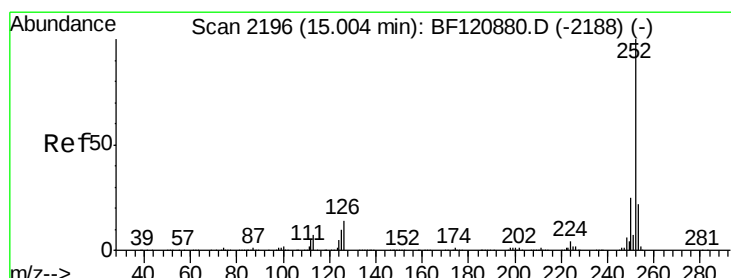
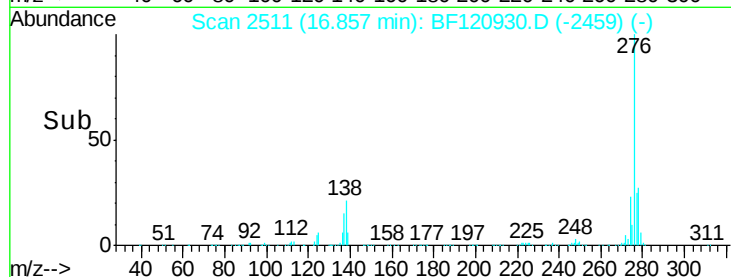
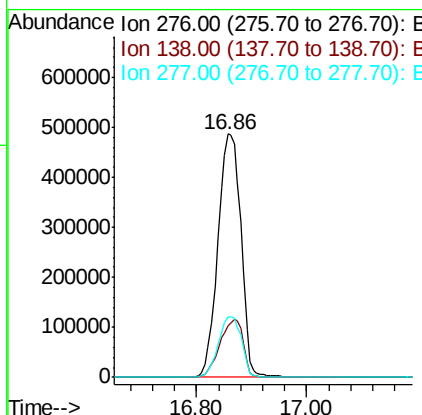
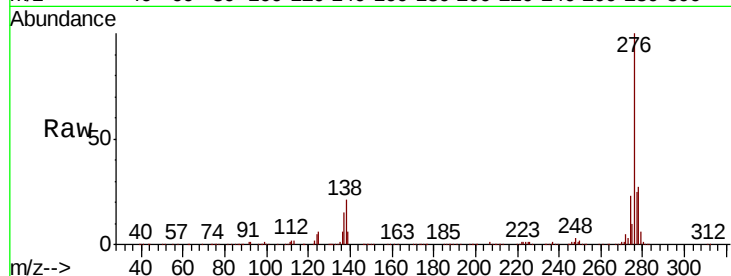




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.626 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. 0.01 min
 Lab File: BF120930.D
 Acq: 20 Jul 2020 13:25

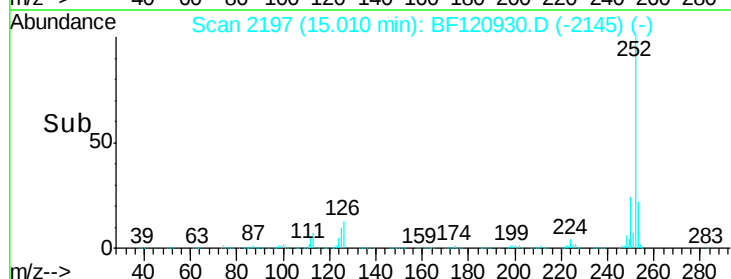
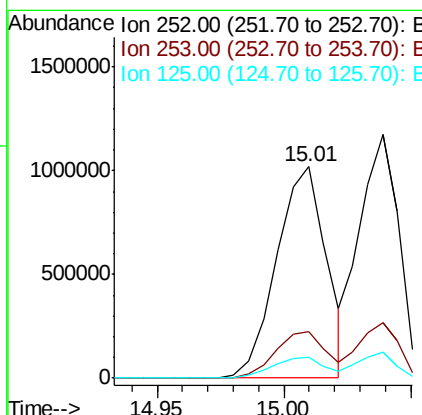
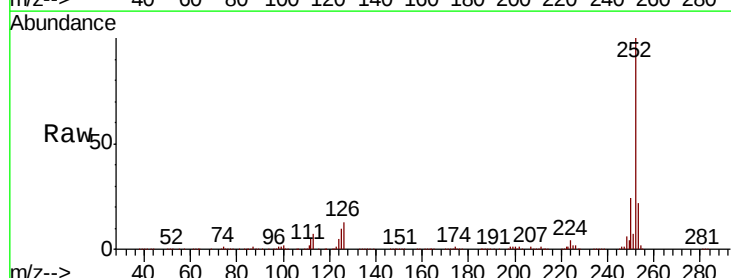
Instrument :
 BNA_F
 ClientSampleId :
 PB130296BS

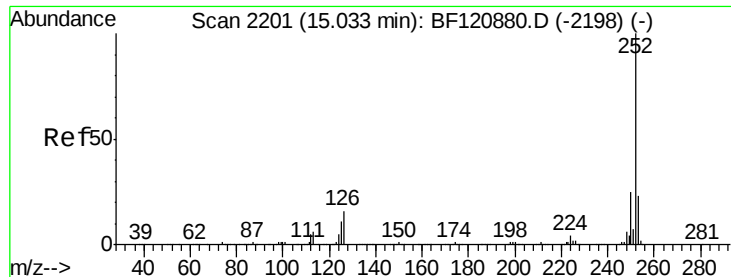
Tot Ion:276 Resp: 1422653
 Ion Ratio Lower Upper
 276 100
 138 24.2 19.8 29.8
 277 25.1 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 44.452 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF120930.D
 Acq: 20 Jul 2020 13:25

Tgt Ion:252 Resp: 1387071
 Ion Ratio Lower Upper
 252 100
 253 22.3 18.0 27.0
 125 10.2 8.3 12.5

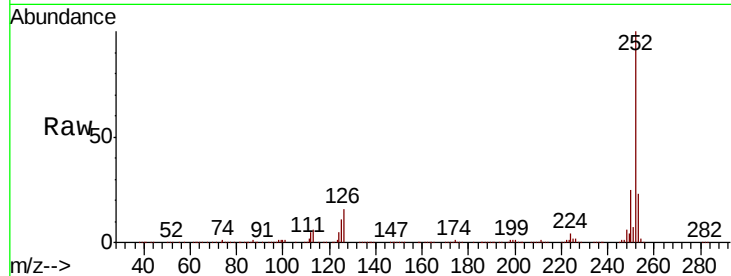




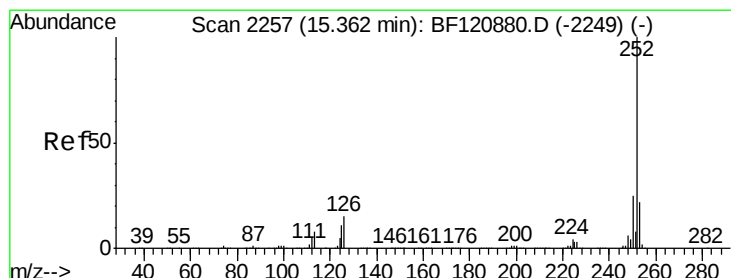
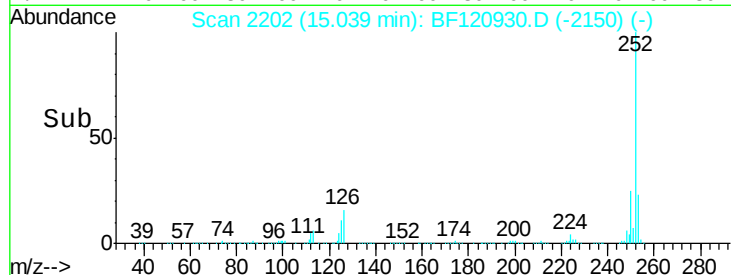
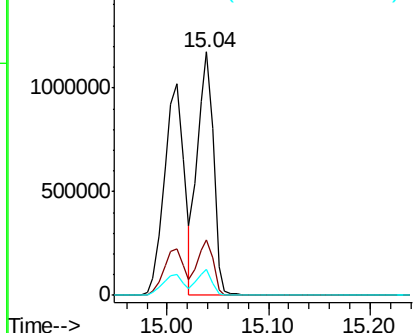
#89
Benzo(k)fluoranthene
Concen: 45.177 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion:252 Resp: 1285651
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 10.8 8.4 12.6

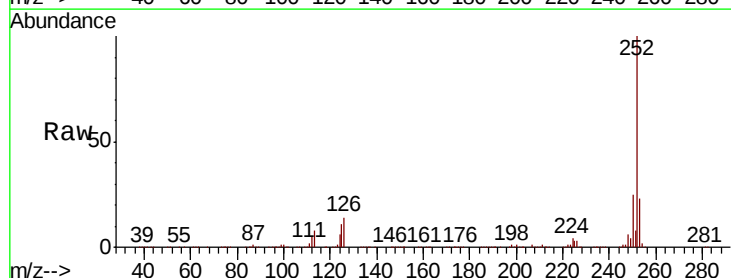


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

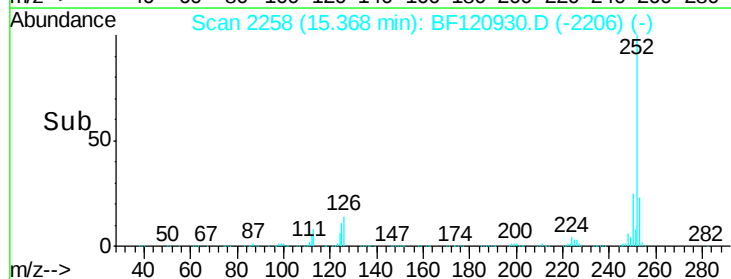
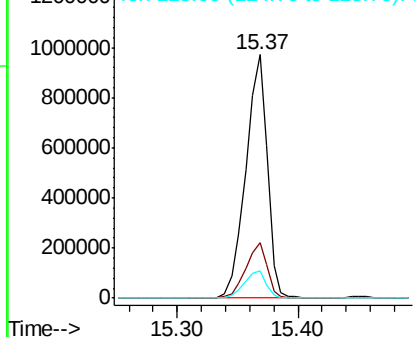


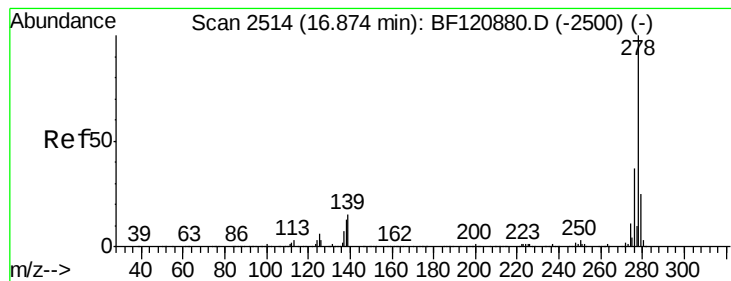
#90
Benzo(a)pyrene
Concen: 42.788 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion:252 Resp: 1218144
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 11.3 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.081 ng

RT: 16.88 min Scan# 2515

Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Instrument :

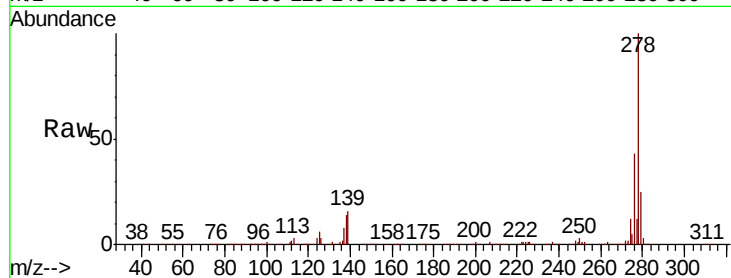
BNA_F

ClientSampleId :

PB130296BS

Tot Ion:278 Resp: 1175442

Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.3	18.5
279	24.5	20.1	30.1

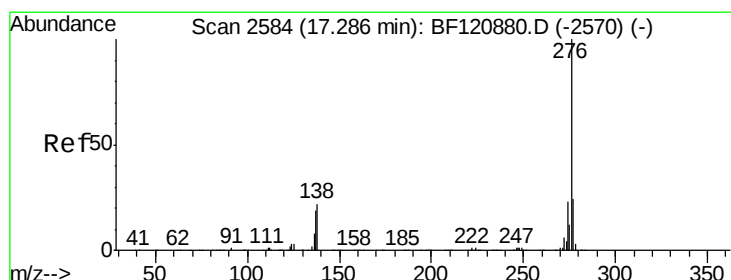
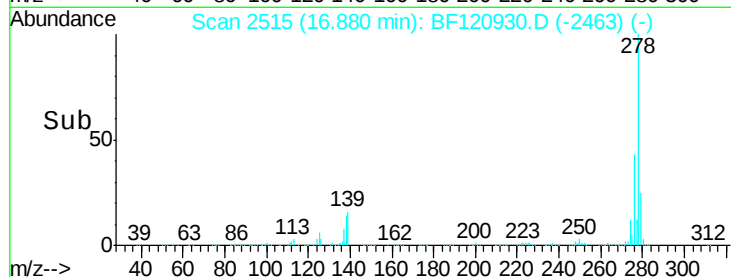
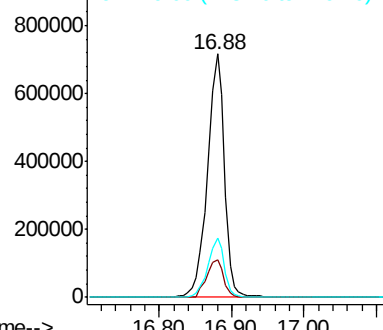


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.035 ng

RT: 17.29 min Scan# 2585

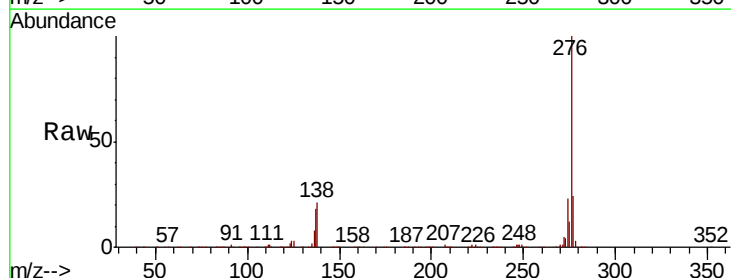
Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Tgt Ion:276 Resp: 1128731

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	21.1	17.5	26.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

