

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120880.D
 Acq On : 16 Jul 2020 11:42
 Operator : JU/CG
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 16 12:20:14 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 12:11:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	150269	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	554895	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	284563	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	540320	20.00	ng	0.00
76) Chrysene-d12	13.97	240	452344	20.00	ng	0.00
86) Perylene-d12	15.42	264	504260	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	706429	72.57	ng	0.00
7) Phenol-d6	6.45	99	907178	72.97	ng	0.00
23) Nitrobenzene-d5	7.38	82	754629	78.79	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	249815	87.38	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1333740	70.91	ng	0.00
79) Terphenyl-d14	12.92	244	1541048	66.70	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.50	88	163304	36.724	ng	100
3) Pyridine	3.24	79	431424	35.420	ng	100
4) n-Nitrosodimethylamine	3.18	42	186788	30.655	ng	100
6) Aniline	6.47	93	594166	37.215	ng	100
8) 2-Chlorophenol	6.60	128	392682	37.888	ng	100
9) Benzaldehyde	6.36	77	224154	30.317	ng	100
10) Phenol	6.46	94	502707	39.310	ng	100
11) bis(2-Chloroethyl)ether	6.55	93	385567	37.051	ng	100
12) 1,3-Dichlorobenzene	6.76	146	420125	36.828	ng	100
13) 1,4-Dichlorobenzene	6.83	146	418465	36.624	ng	100
14) 1,2-Dichlorobenzene	6.99	146	400138	36.809	ng	100
15) Benzyl Alcohol	6.96	79	323980	34.686	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.10	45	554563	34.165	ng	100
17) 2-Methylphenol	7.07	107	339916	36.662	ng	100
18) Hexachloroethane	7.33	117	154742	36.033	ng	100
19) n-Nitroso-di-n-propylamine	7.23	70	250522	33.469	ng	100
20) 3+4-Methylphenols	7.22	107	401531	35.162	ng	100
22) Acetophenone	7.23	105	477754	34.638	ng	100
24) Nitrobenzene	7.40	77	403638	37.535	ng	100
25) Isophorone	7.64	82	737875	35.725	ng	100
26) 2-Nitrophenol	7.72	139	201227	51.190	ng	100
27) 2,4-Dimethylphenol	7.75	122	308981	37.475	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	448112	36.657	ng	100
29) 2,4-Dichlorophenol	7.96	162	322359	39.164	ng	100
30) 1,2,4-Trichlorobenzene	8.04	180	357180	38.635	ng	100
31) Naphthalene	8.12	128	1102912	37.191	ng	100
32) Benzoic acid	7.86	122	263182	58.980	ng	100
33) 4-Chloroaniline	8.17	127	486524	38.663	ng	100
34) Hexachlorobutadiene	8.24	225	208897	37.570	ng	100
35) Caprolactam	8.54	113	102023	42.538	ng	100
36) 4-Chloro-3-methylphenol	8.65	107	327278	38.224	ng	100
37) 2-Methylnaphthalene	8.82	142	725752	37.647	ng	100
38) 1-Methylnaphthalene	8.91	142	681543	37.743	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	329079	38.264	ng	100

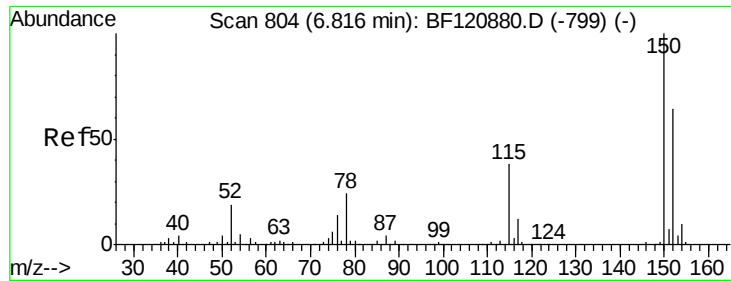
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120880.D
 Acq On : 16 Jul 2020 11:42
 Operator : JU/CG
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Instrument :
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 12:11:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	189823	37.357	ng	100
43) 2,4,6-Trichlorophenol	9.09	196	233028	39.764	ng	100
44) 2,4,5-Trichlorophenol	9.13	196	262290	40.330	ng	100
46) 1,1'-Biphenyl	9.27	154	850747	37.064	ng	100
47) 2-Chloronaphthalene	9.30	162	697205	37.914	ng	100
48) 2-Nitroaniline	9.39	65	213350	43.363	ng	100
49) Acenaphthylene	9.72	152	1077374	37.370	ng	100
50) Dimethylphthalate	9.58	163	792812	38.193	ng	100
51) 2,6-Dinitrotoluene	9.63	165	178177	47.512	ng	100
52) Acenaphthene	9.89	154	690184	38.589	ng	100
53) 3-Nitroaniline	9.80	138	219513	47.380	ng	100
54) 2,4-Dinitrophenol	9.90	184	84289	68.055	ng	100
55) Dibenzofuran	10.06	168	981111	38.055	ng	100
56) 4-Nitrophenol	9.96	139	169032	49.671	ng	100
57) 2,4-Dinitrotoluene	10.04	165	238094	52.881	ng	100
58) Fluorene	10.40	166	708978	36.946	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	200304	41.388	ng	100
60) Diethylphthalate	10.27	149	807197	37.329	ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	360937	37.415	ng	100
62) 4-Nitroaniline	10.42	138	212765	48.241	ng	100
63) Azobenzene	10.56	77	772936	34.942	ng	100
65) 4,6-Dinitro-2-methylphenol	10.45	198	114726	66.086	ng	100
66) n-Nitrosodiphenylamine	10.51	169	681587	37.635	ng	100
67) 4-Bromophenyl-phenylether	10.88	248	241080	38.464	ng	100
68) Hexachlorobenzene	10.94	284	260008	39.533	ng	100
69) Atrazine	11.04	200	165240	35.417	ng	100
70) Pentachlorophenol	11.14	266	159555	42.878	ng	100
71) Phenanthrene	11.36	178	1090817	37.208	ng	100
72) Anthracene	11.42	178	1114227	37.611	ng	100
73) Carbazole	11.57	167	1101900	38.705	ng	100
74) Di-n-butylphthalate	11.90	149	1270409	36.044	ng	100
75) Fluoranthene	12.54	202	1225326	39.235	ng	100
77) Benzidine	12.67	184	509892	39.936	ng	100
78) Pyrene	12.77	202	1270016	35.154	ng	100
80) Butylbenzylphthalate	13.40	149	576427	36.957	ng	100
81) Benzo(a)anthracene	13.96	228	1056148	36.424	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	410808	41.983	ng	100
83) Chrysene	14.00	228	1146765	38.773	ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	696305	34.044	ng	100
85) Di-n-octyl phthalate	14.57	149	1414296	39.086	ng	100
87) Indeno(1,2,3-cd)pyrene	16.85	276	1414981	43.748	ng	100
88) Benzo(b)fluoranthene	15.00	252	1201511	36.243	ng	100
89) Benzo(k)fluoranthene	15.03	252	1149581	35.637	ng	100
90) Benzo(a)pyrene	15.36	252	1122471	37.956	ng	100
91) Dibenzo(a,h)anthracene	16.87	278	1159255	43.003	ng	100
92) Benzo(g,h,i)perylene	17.29	276	1132321	45.959	ng	100

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

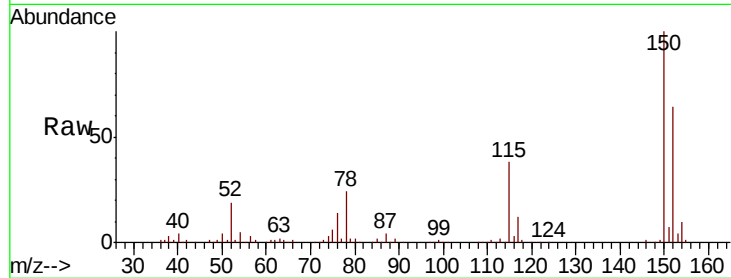


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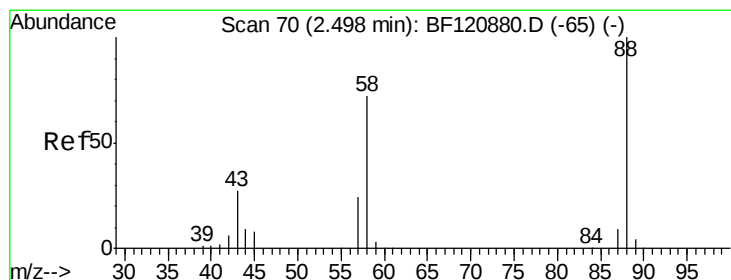
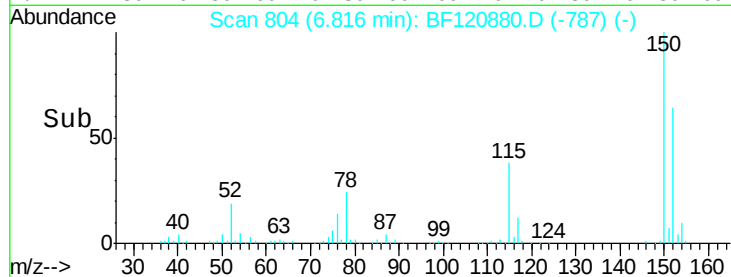
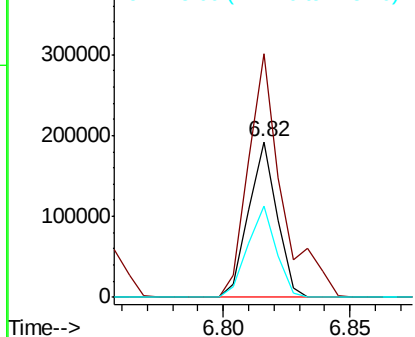
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

Instrument :
BNA_P
ClientSampleId :

Tot Ion:152 Resp: 150269
Ion Ratio Lower Upper
152 100
150 156.3 125.0 187.6
115 58.7 47.0 70.4



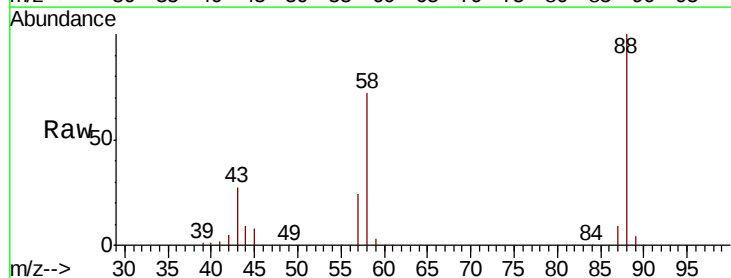
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



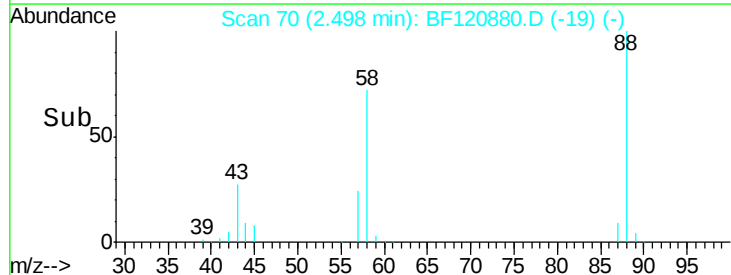
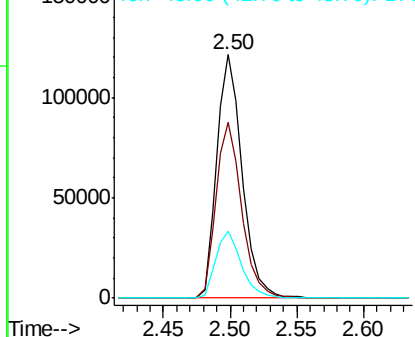
#2

1,4-Dioxane
Concen: 36.724 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

Tgt Ion: 88 Resp: 163304
Ion Ratio Lower Upper
88 100
58 72.7 58.2 87.2
43 27.6 22.1 33.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1



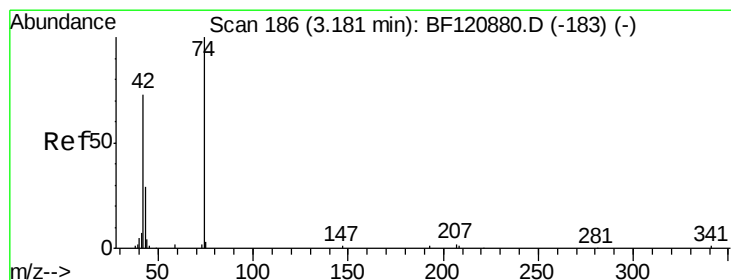
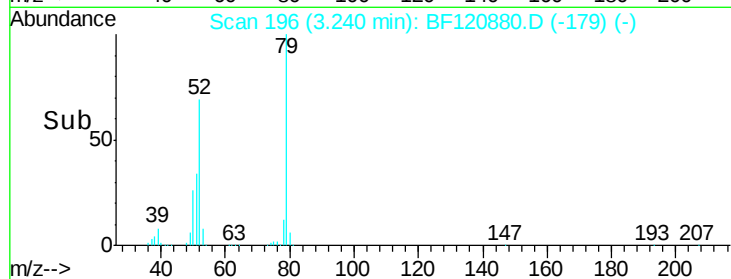
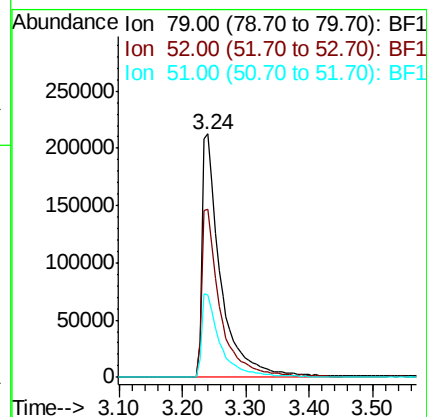
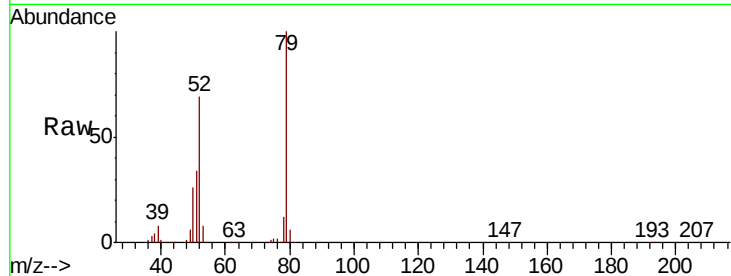


#3
Pvridine
Concen: 35.420 ng
RT: 3.24 min Scan# 196
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

Instrument :
BNA_P
ClientSampled :

Tot Ion: 79 Resp: 431424

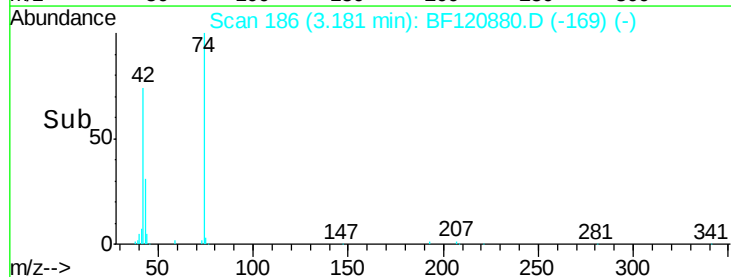
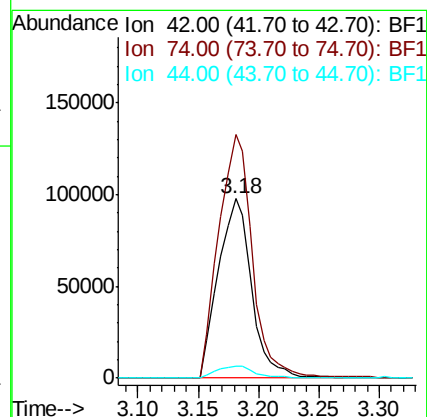
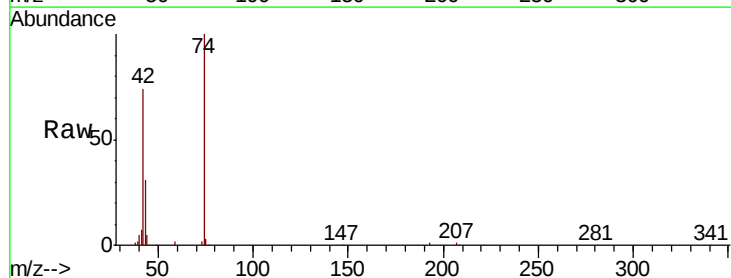
Ion	Ratio	Lower	Upper
79	100		
52	68.8	55.0	82.6
51	33.6	26.9	40.3

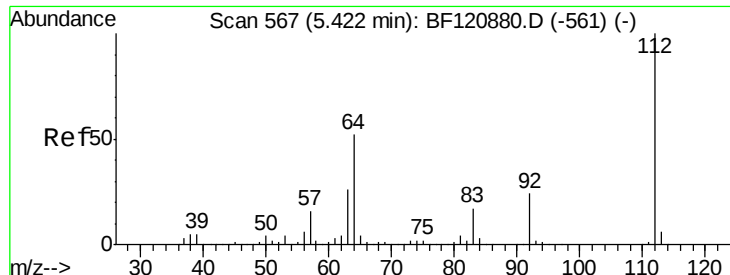


#4
n-Nitrosodimethylamine
Concen: 30.655 ng
RT: 3.18 min Scan# 186
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

Tgt Ion: 42 Resp: 186788

Ion	Ratio	Lower	Upper
42	100		
74	135.9	108.7	163.1
44	6.5	5.2	7.8





#5

2-Fluorophenol

Concen: 72.568 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

Instrument :

BNA_P

ClientSampled :

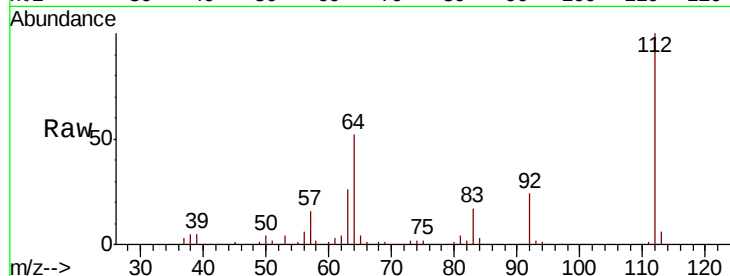
Tot Ion:112 Resp: 706429

Ion Ratio Lower Upper

112 100

64 51.6 41.3 61.9

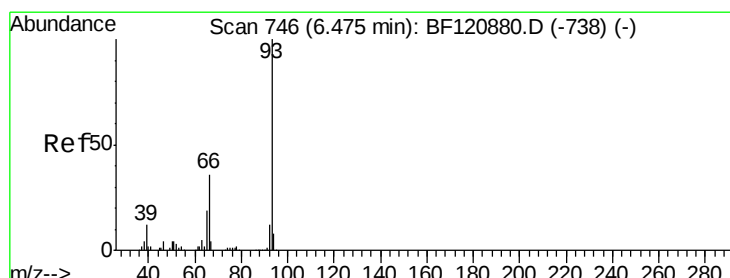
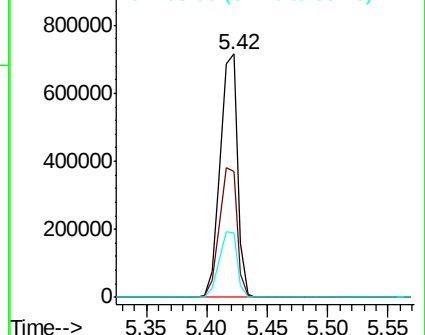
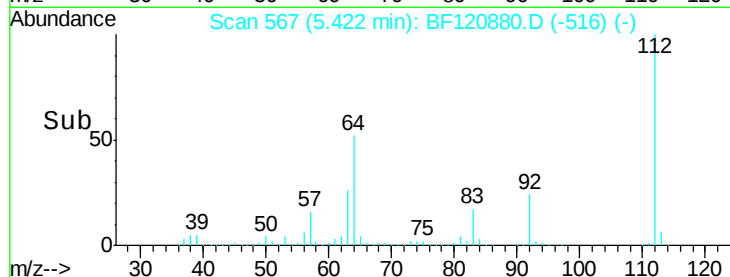
63 26.4 21.1 31.7



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: 37.215 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

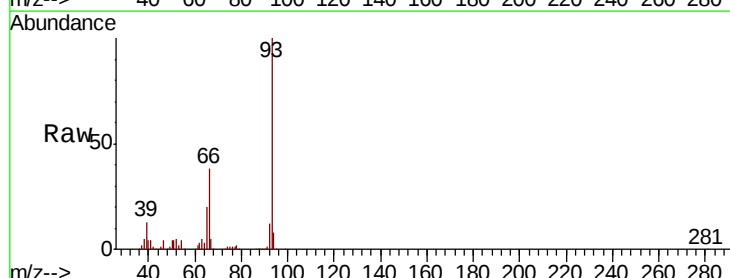
Tgt Ion: 93 Resp: 594166

Ion Ratio Lower Upper

93 100

66 37.8 30.2 45.4

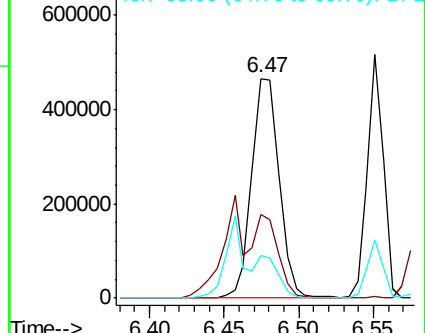
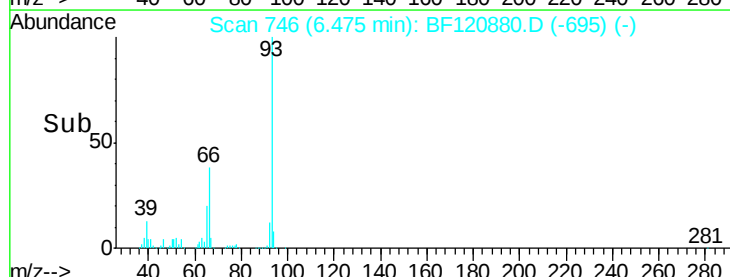
65 19.7 15.8 23.6

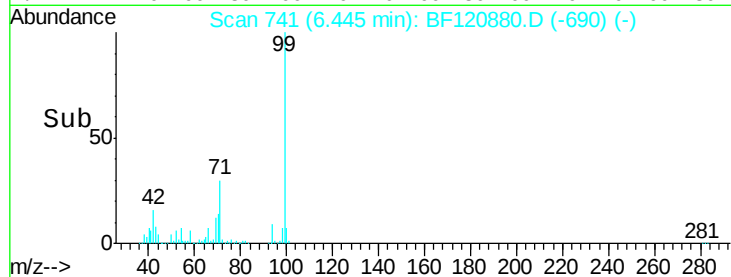
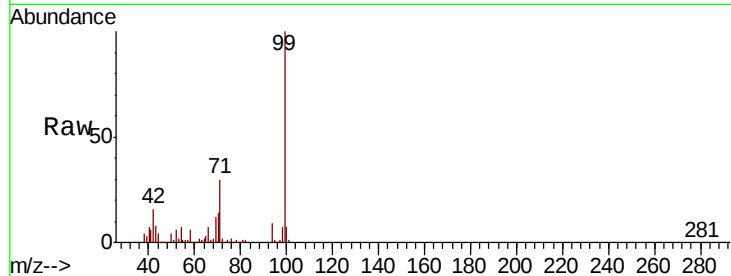


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 72.974 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

Instrument :

BNA_P

ClientSampleId :

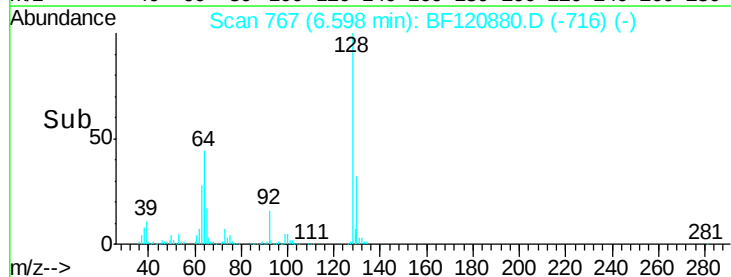
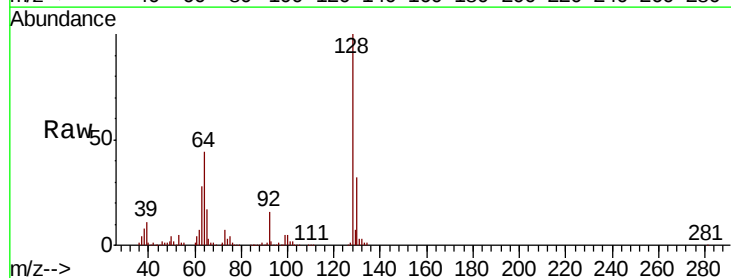
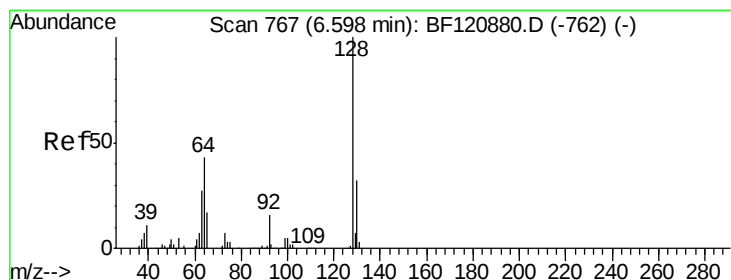
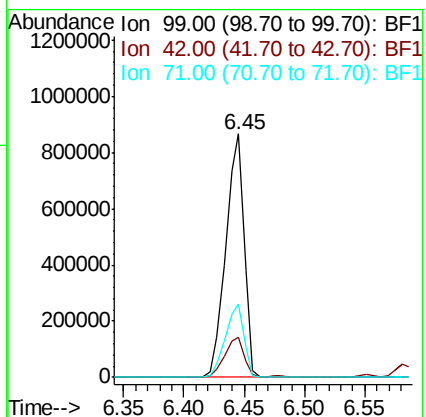
Tot Ion: 99 Resp: 907178

Ion Ratio Lower Upper

99 100

42 16.4 13.1 19.7

71 30.3 24.2 36.4



#8

2-Chlorophenol

Concen: 37.888 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

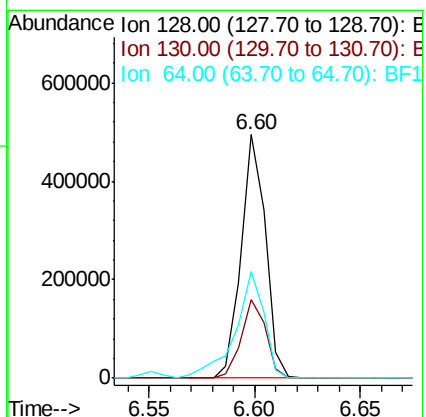
Tgt Ion: 128 Resp: 392682

Ion Ratio Lower Upper

128 100

130 32.1 12.1 52.1

64 44.0 24.0 64.0





#9

Benzaldehyde

Concen: 30.317 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

Instrument :

BNA_P

ClientSampled :

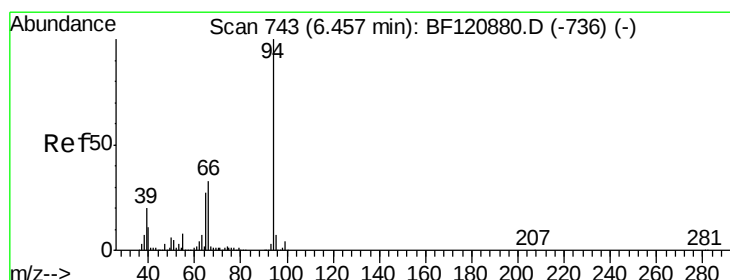
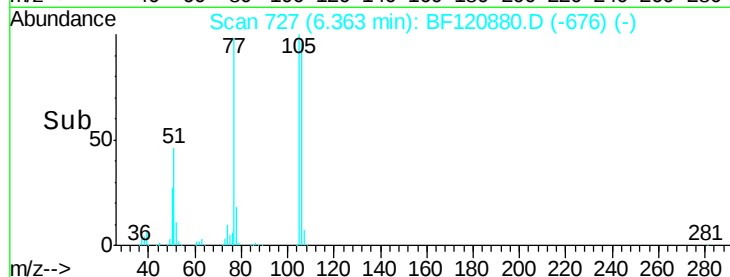
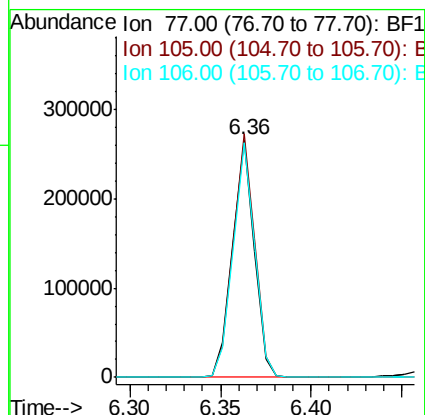
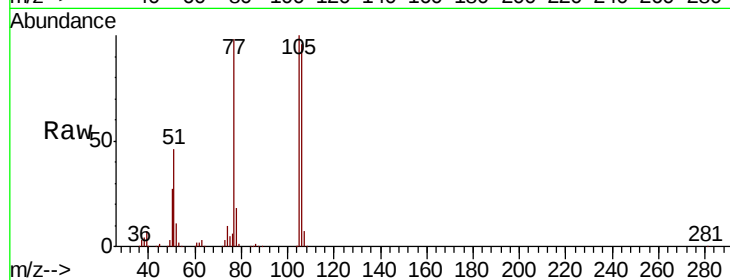
Tot Ion: 77 Resp: 224154

Ion Ratio Lower Upper

77 100

105 102.5 82.5 122.5

106 98.7 78.7 118.7



#10

Phenol

Concen: 39.310 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

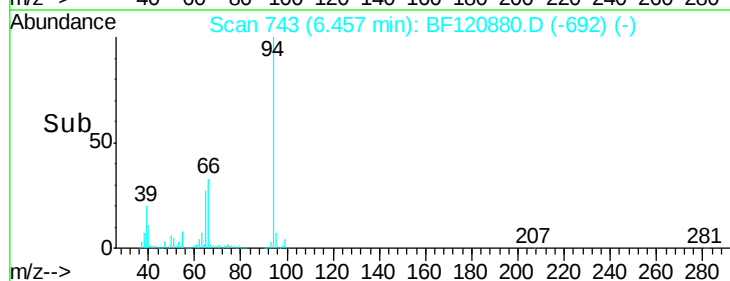
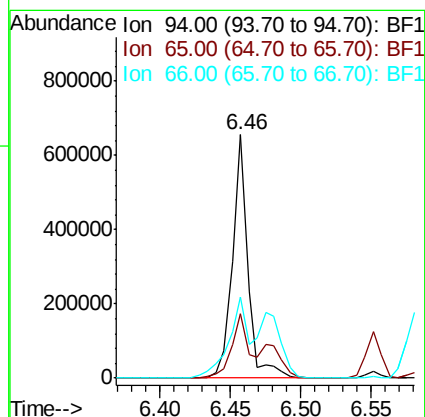
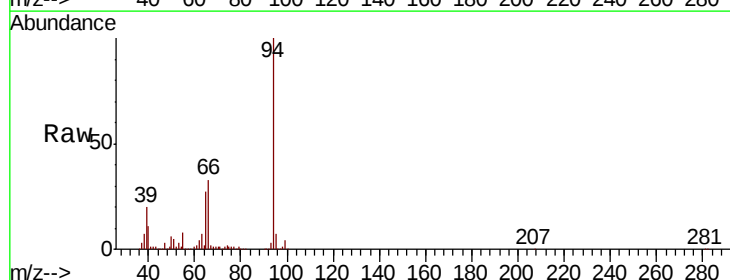
Tgt Ion: 94 Resp: 502707

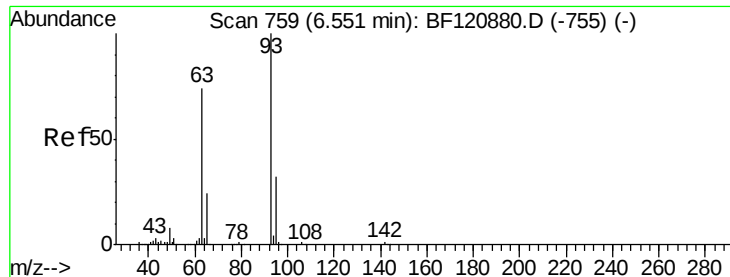
Ion Ratio Lower Upper

94 100

65 26.6 6.6 46.6

66 33.2 13.2 53.2

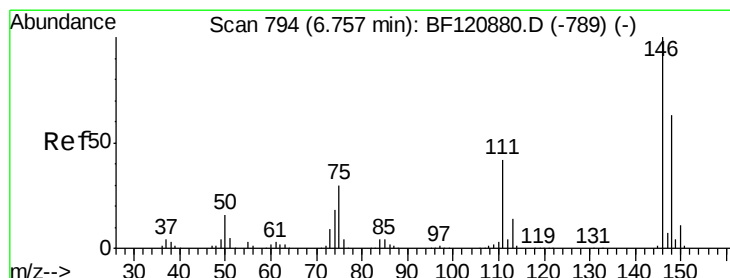
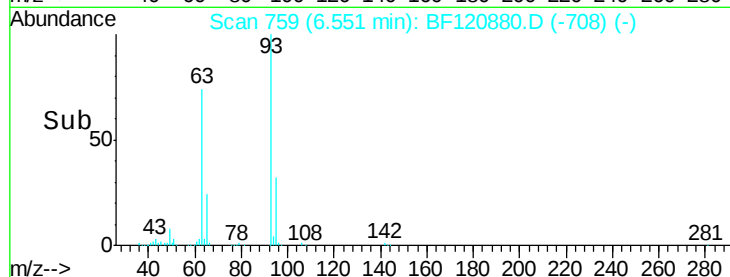
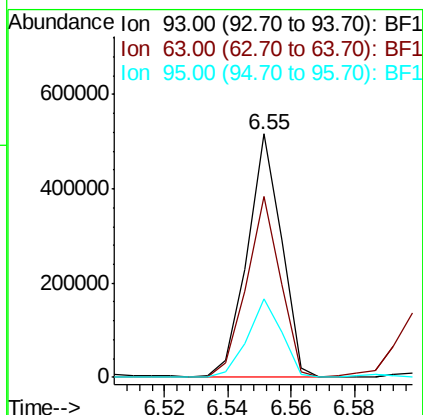
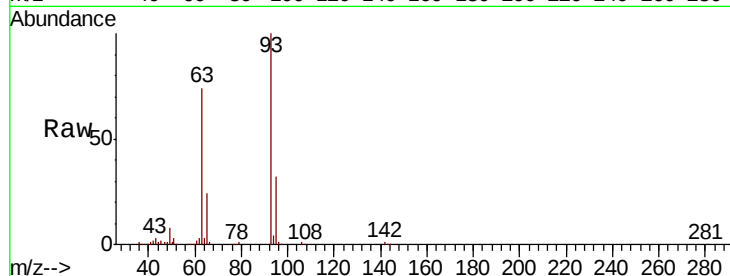




#11
 bis(2-Chloroethyl)ether
 Concen: 37.051 ng
 RT: 6.55 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF120880.D
 Acq: 16 Jul 2020 11:42

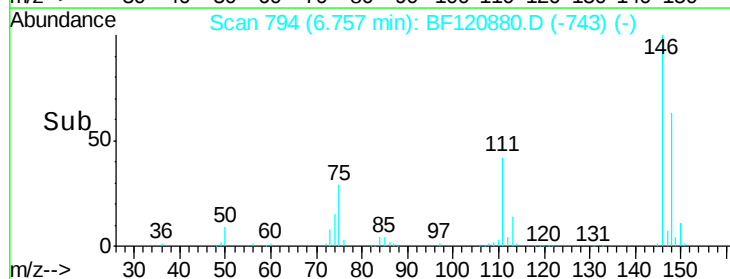
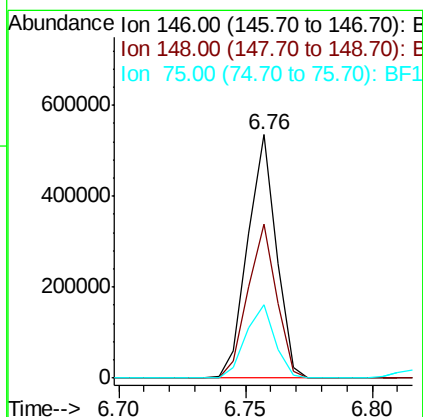
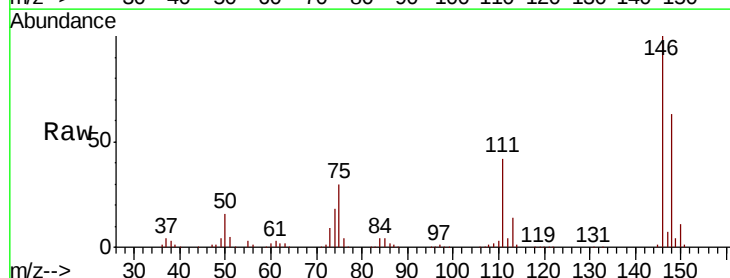
Instrument :
 BNA_P
 ClientSampleId :

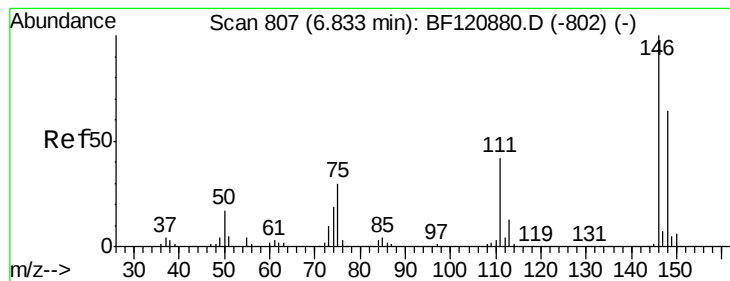
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.2	54.2	94.2
95	32.2	12.2	52.2



#12
 1,3-Dichlorobenzene
 Concen: 36.828 ng
 RT: 6.76 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF120880.D
 Acq: 16 Jul 2020 11:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	75.8
75	30.1	24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 36.624 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

Instrument :

BNA_P

ClientSampleId :

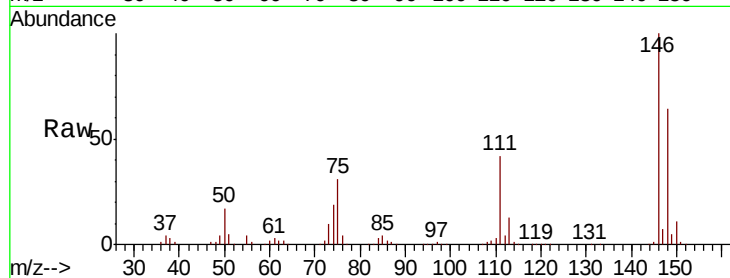
Tot Ion:146 Resp: 418465

Ion Ratio Lower Upper

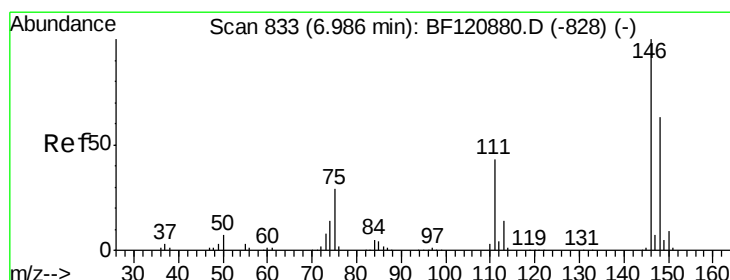
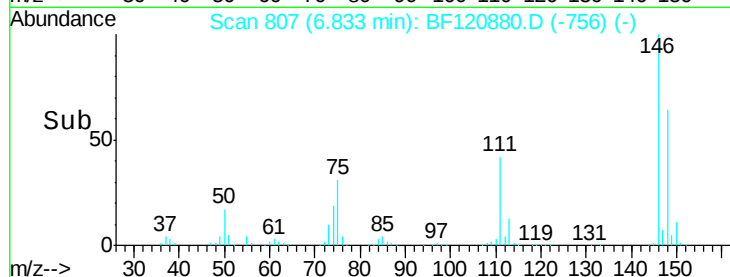
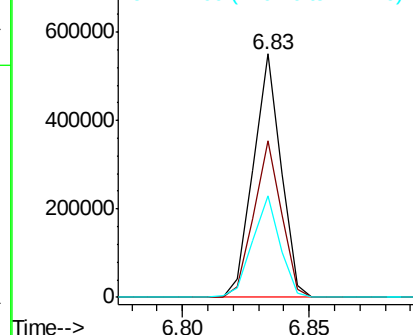
146 100

148 64.5 51.6 77.4

111 41.9 33.5 50.3



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



#14

1,2-Dichlorobenzene

Concen: 36.809 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

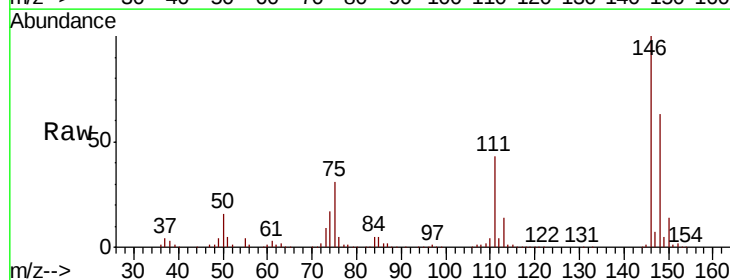
Tgt Ion:146 Resp: 400138

Ion Ratio Lower Upper

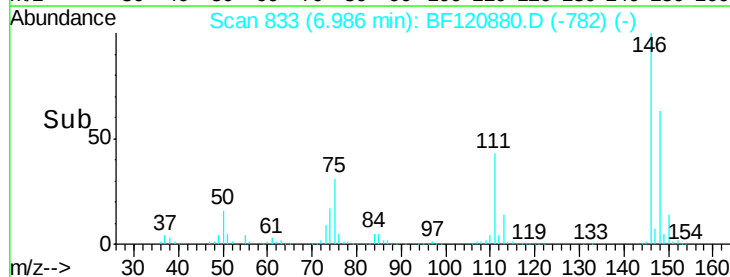
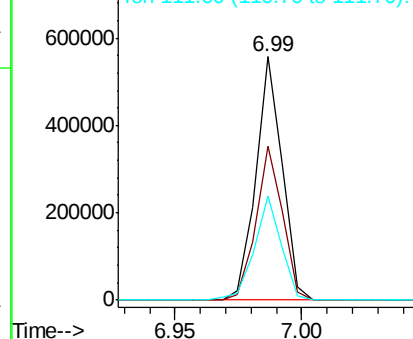
146 100

148 63.3 50.6 76.0

111 42.7 34.2 51.2



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





#15

Benzyl Alcohol

Concen: 34.686 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

Instrument :

BNA_P

ClientSampleId :

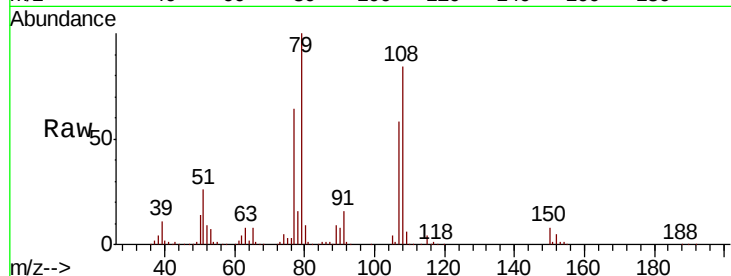
Tot Ion: 79 Resp: 323980

Ion Ratio Lower Upper

79 100

108 83.8 67.0 100.6

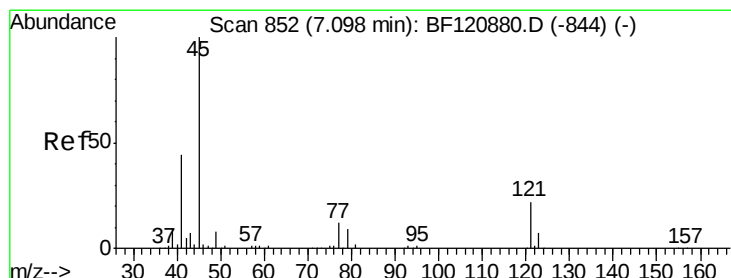
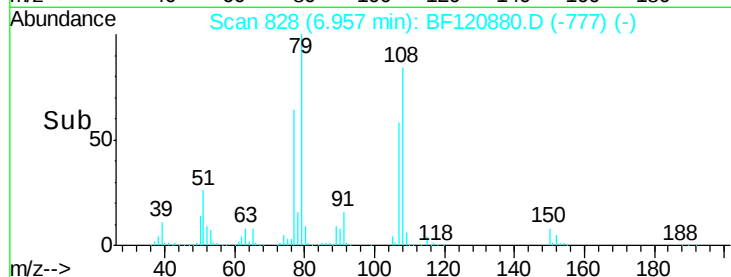
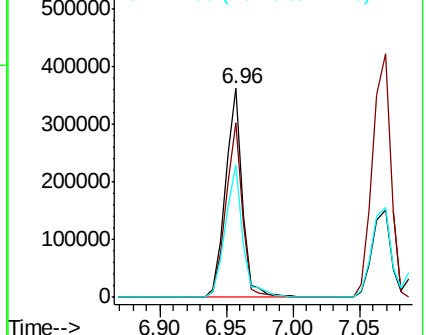
77 63.7 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.165 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

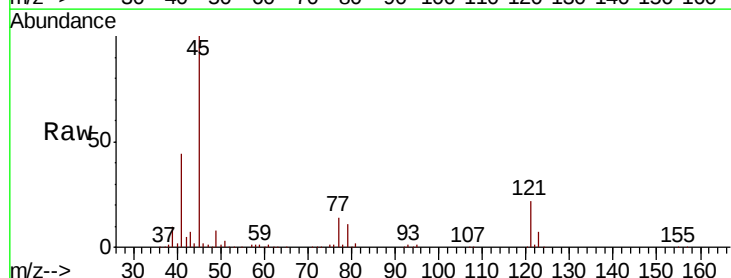
Tgt Ion: 45 Resp: 554563

Ion Ratio Lower Upper

45 100

77 14.3 0.0 34.3

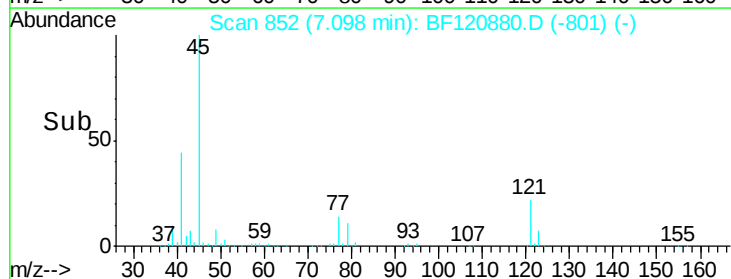
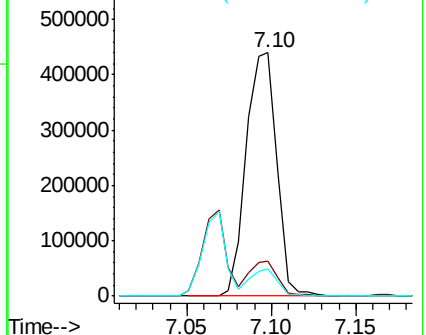
79 11.0 0.0 31.0

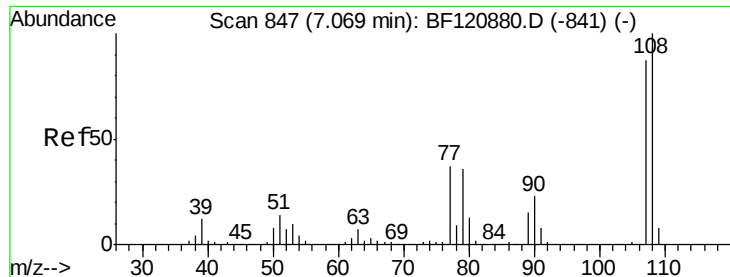


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

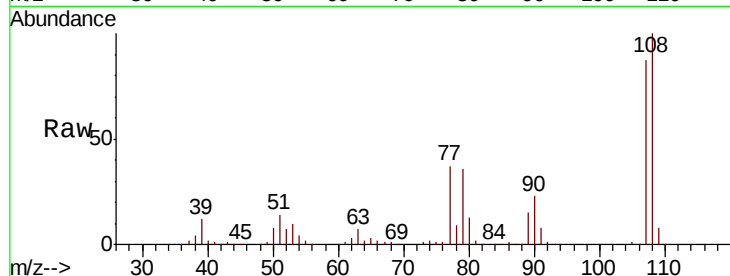




#17
2-Methylphenol
Concen: 36.662 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.0	92.0	138.0
77	42.5	34.0	51.0
79	41.6	33.3	49.9



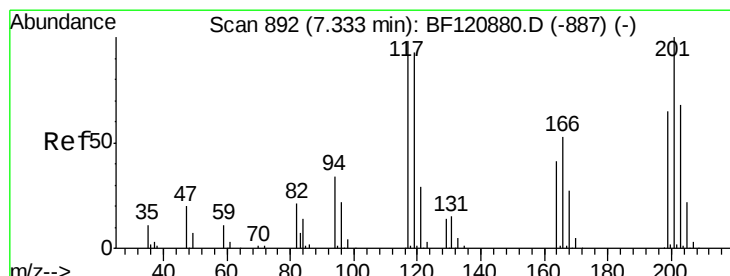
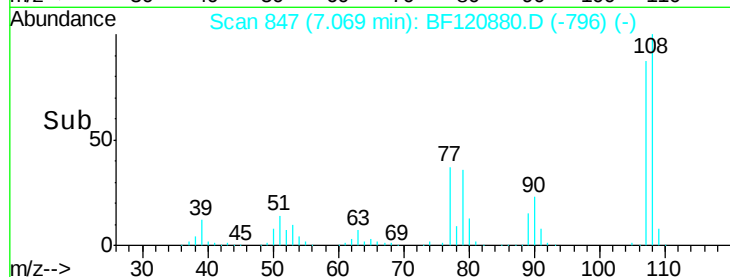
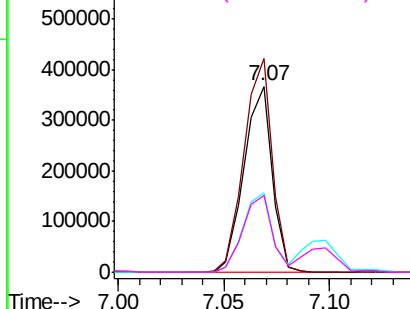
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

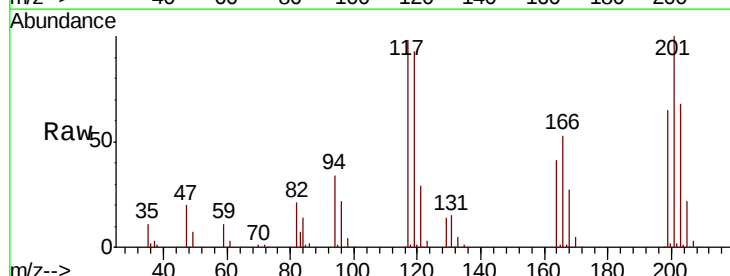
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 36.033 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.0	114.0
201	102.1	81.7	122.5

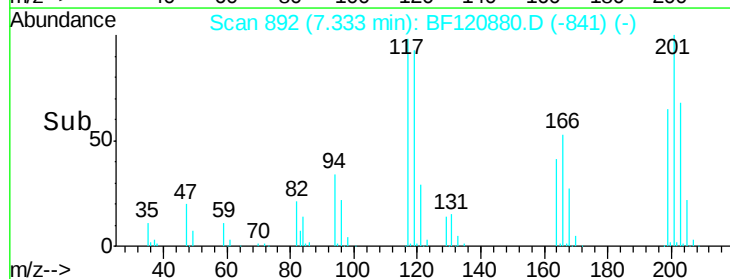
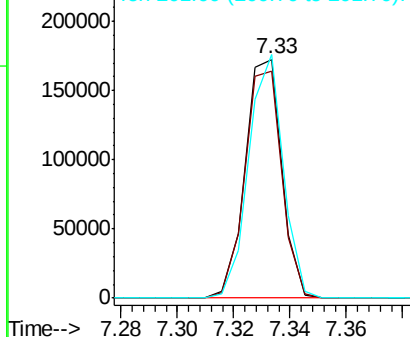


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

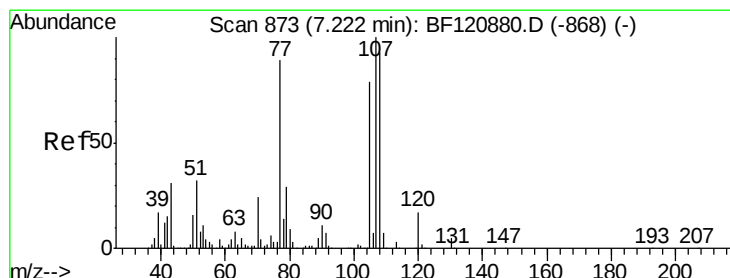
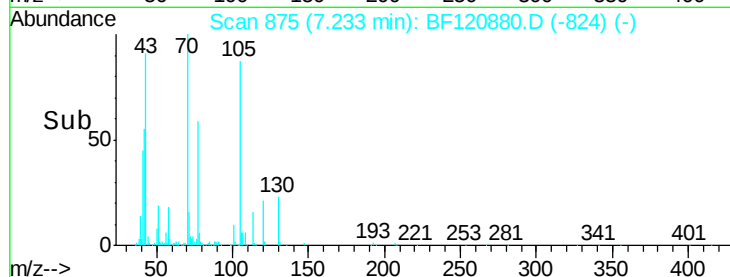
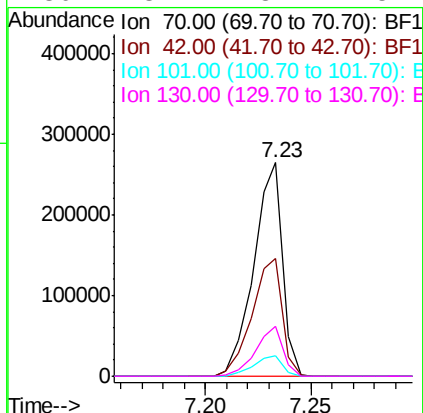
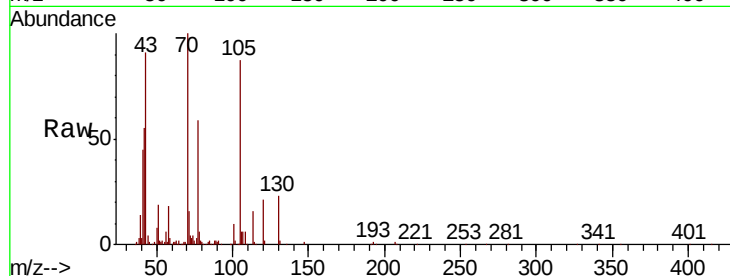




#19
n-Nitroso-di-n-propylamine
Concen: 33.469 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

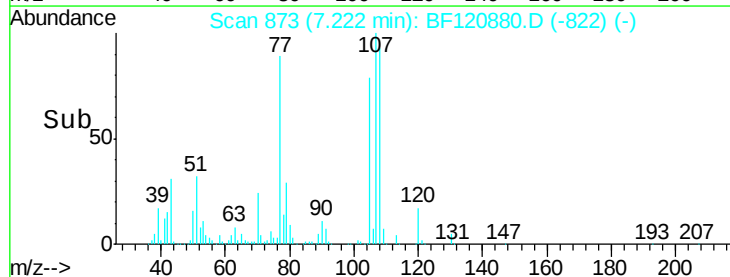
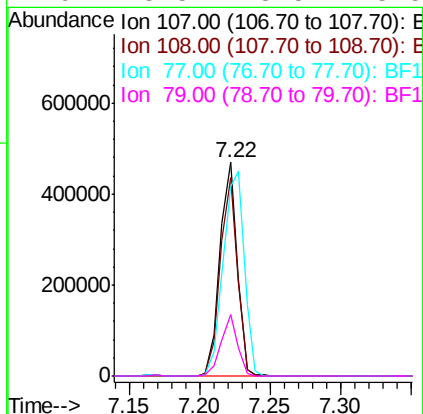
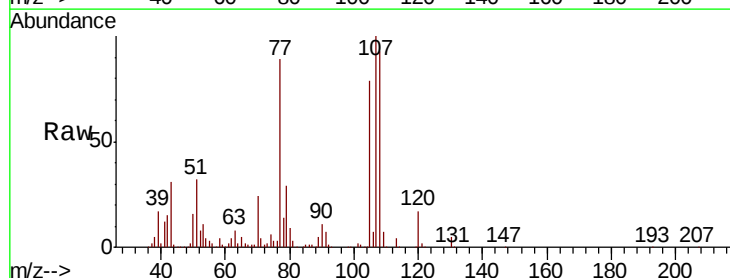
Instrument :
BNA_P
ClientSampleId :

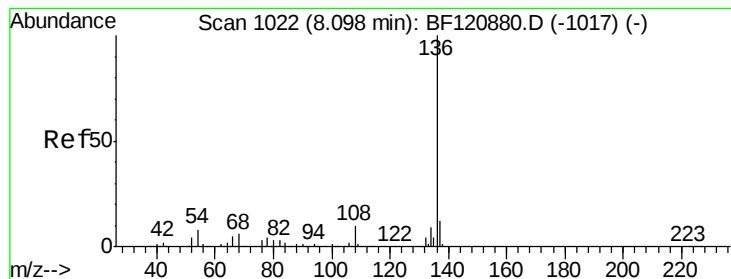
Tot Ion:	70	Resp:	250522
Ion	Ratio	Lower	Upper
70	100		
42	55.0	44.0	66.0
101	9.7	7.8	11.6
130	23.4	18.7	28.1



#20
3+4-Methylphenols
Concen: 35.162 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

Tgt Ion:	107	Resp:	401531
Ion	Ratio	Lower	Upper
107	100		
108	92.8	72.8	112.8
77	88.7	68.7	108.7
79	28.5	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: BF120880.D

Acq: 16 Jul 2020 11:42

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136 Resp: 554895

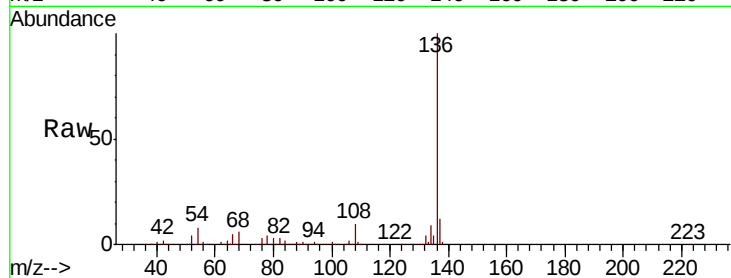
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 7.9 6.3 9.5

68 6.2 5.0 7.4

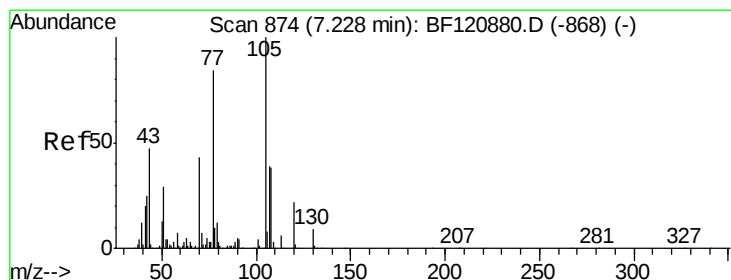
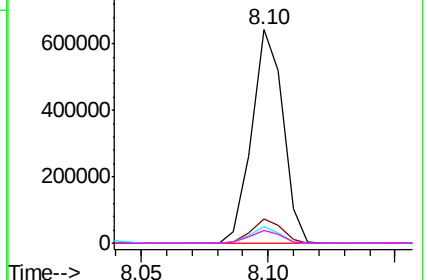
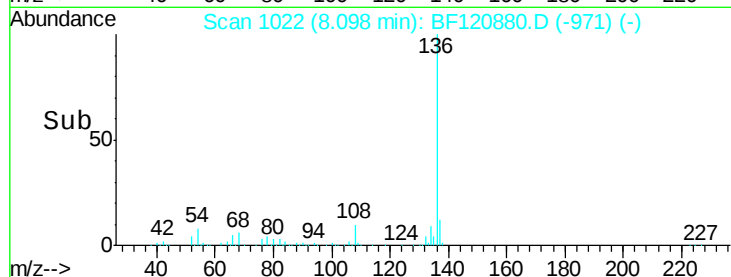


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.638 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

Tgt Ion:105 Resp: 477754

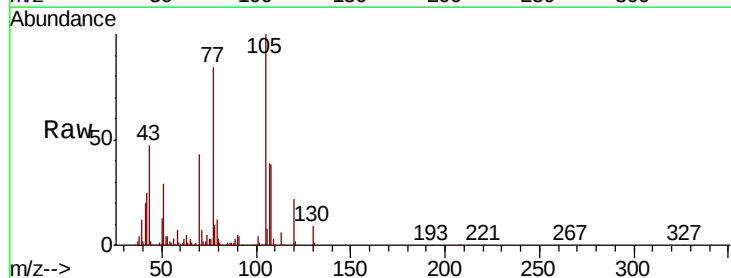
Ion Ratio Lower Upper

105 100

71 7.1 5.7 8.5

51 28.6 22.9 34.3

120 22.5 18.0 27.0

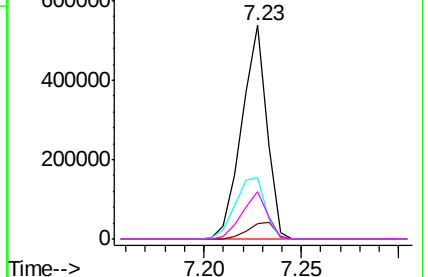
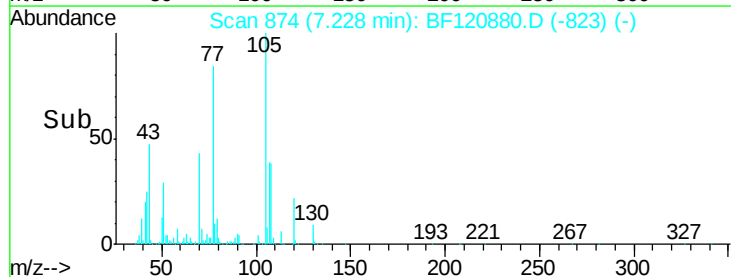


Abundance Ion 105.00 (104.70 to 105.70): E

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

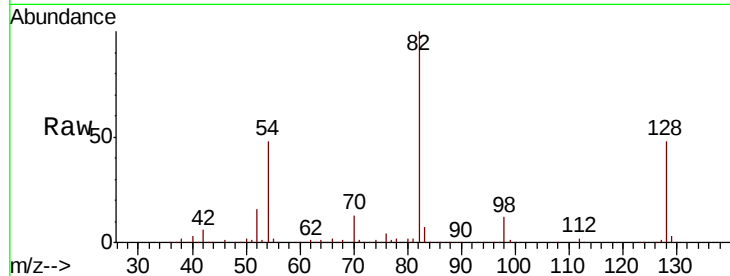




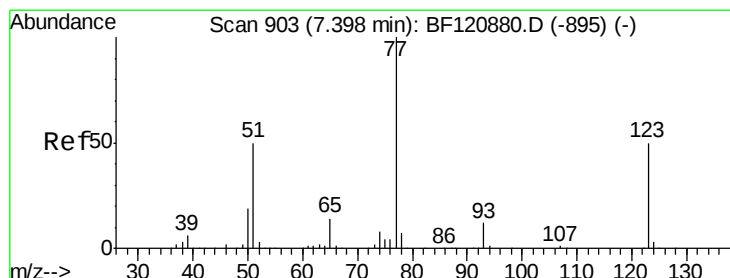
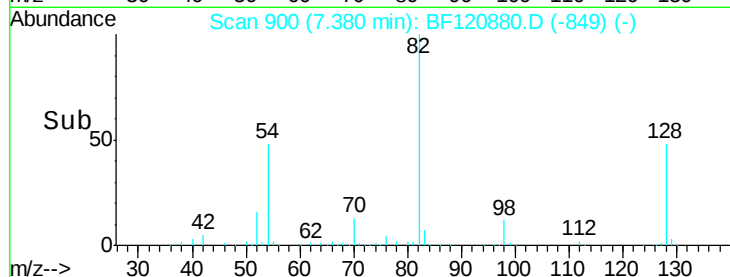
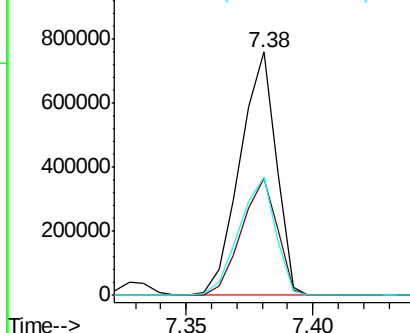
#23
Nitrobenzene-d5
Concen: 78.792 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

Instrument :
BNA_P
ClientSampled :

Tot Ion	82	Resp	754629
Ion Ratio	100	Lower	Upper
128	47.8	38.2	57.4
54	48.4	38.7	58.1

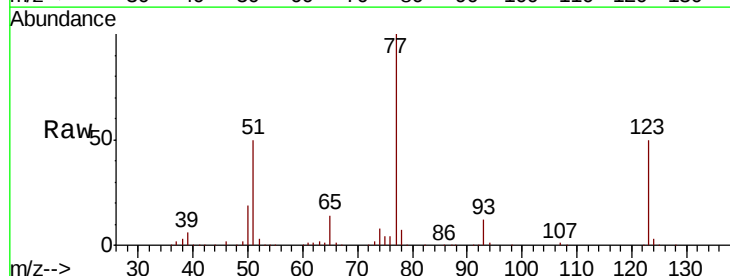


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

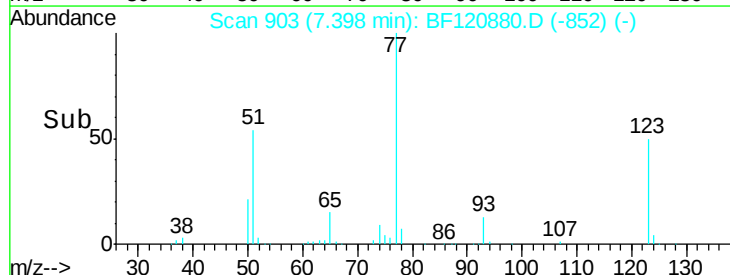
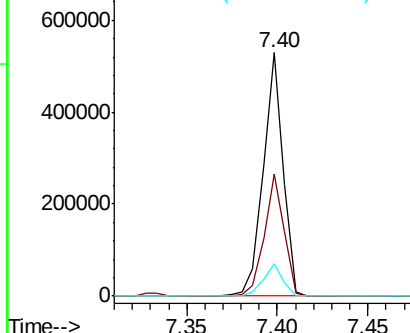


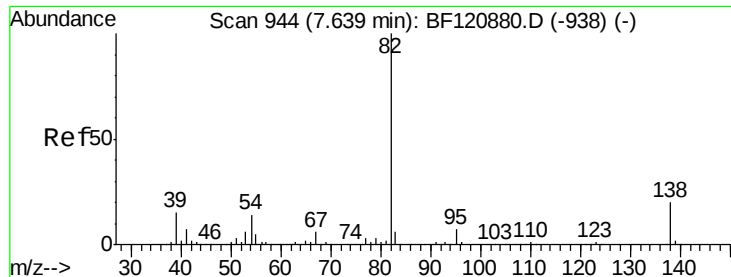
#24
Nitrobenzene
Concen: 37.535 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

Tgt Ion	77	Resp	403638
Ion Ratio	100	Lower	Upper
123	50.1	40.1	60.1
65	13.5	10.8	16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 35.725 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

Instrument :
BNA_P
ClientSampled :

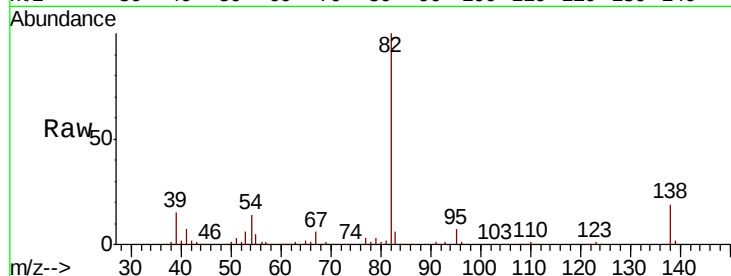
Tot Ion: 82 Resp: 737875

Ion Ratio Lower Upper

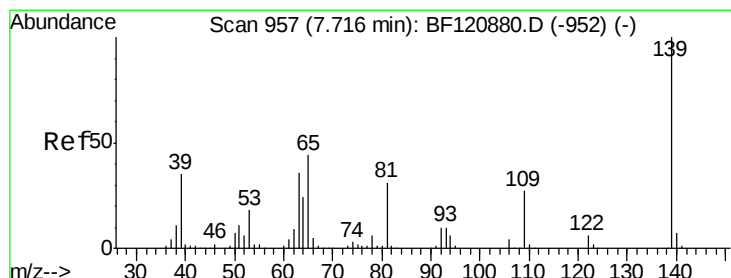
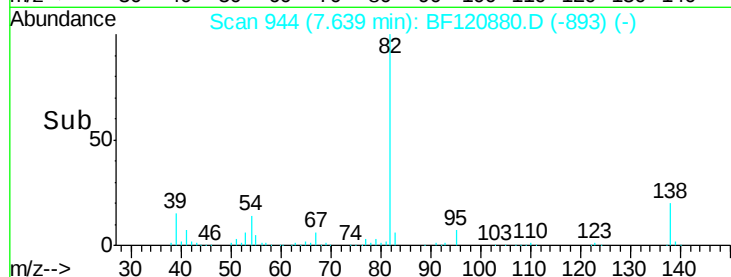
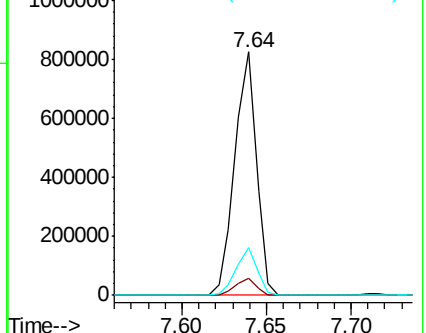
82 100

95 6.9 5.5 8.3

138 19.5 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: 51.190 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

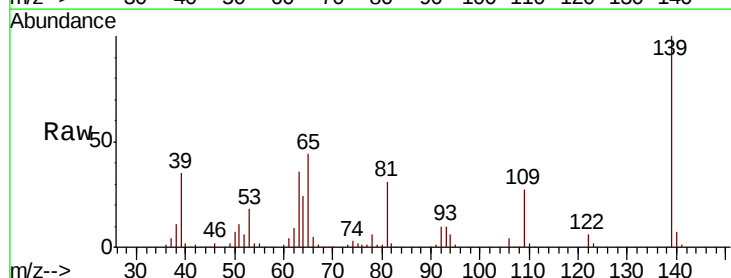
Tgt Ion: 139 Resp: 201227

Ion Ratio Lower Upper

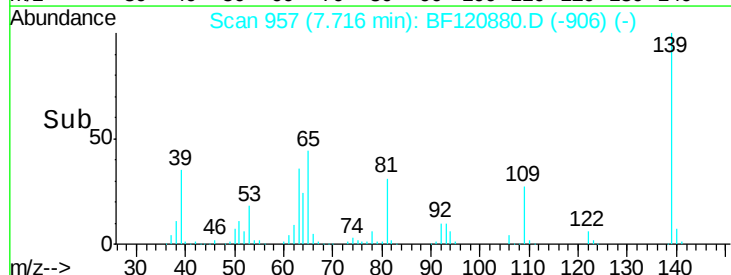
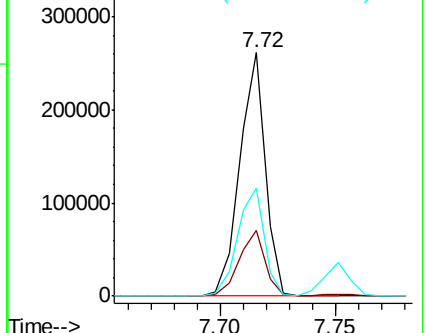
139 100

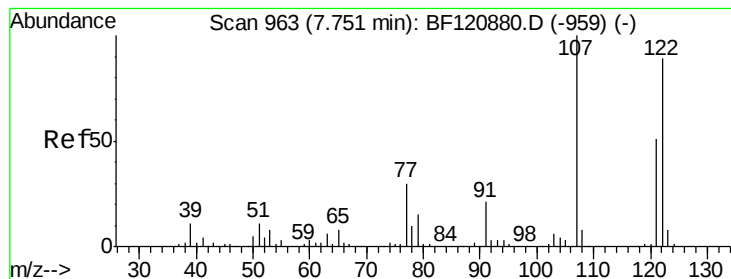
109 27.0 21.6 32.4

65 44.1 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: 37.475 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

Instrument :
BNA_P
ClientSampleId :

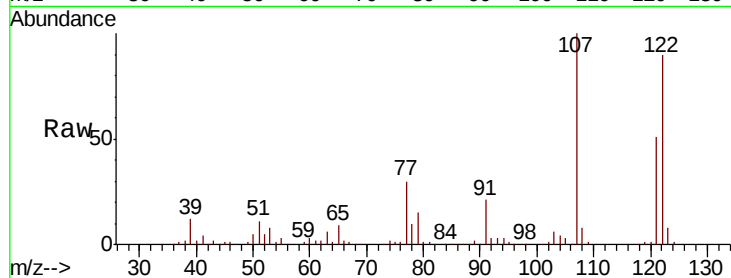
Tot Ion:122 Resp: 308981

Ion Ratio Lower Upper

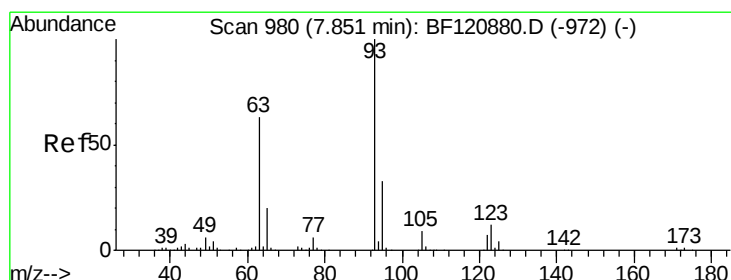
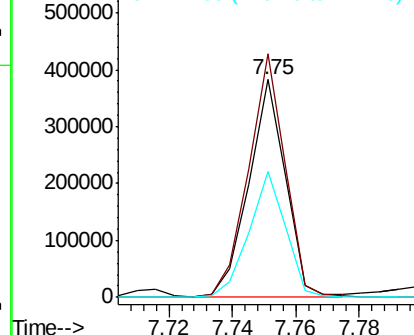
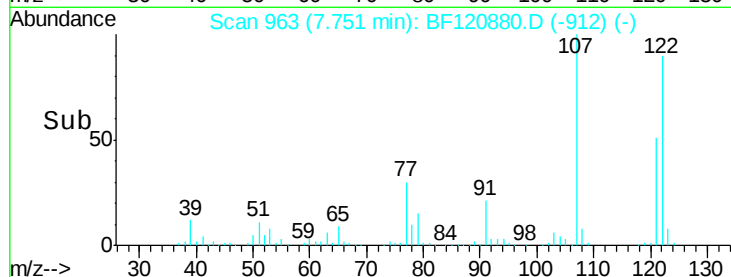
122 100

107 111.7 89.4 134.0

121 57.5 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: 36.657 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

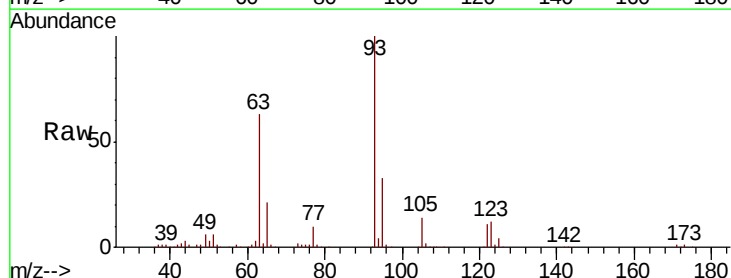
Tgt Ion: 93 Resp: 448112

Ion Ratio Lower Upper

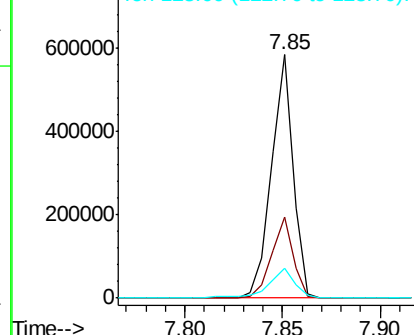
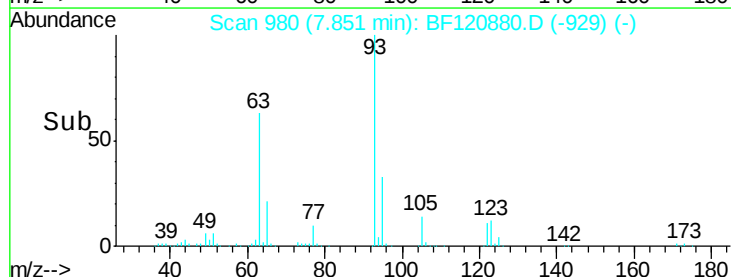
93 100

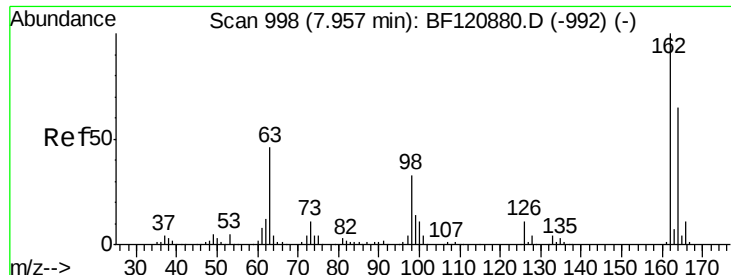
95 33.2 26.6 39.8

123 12.5 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

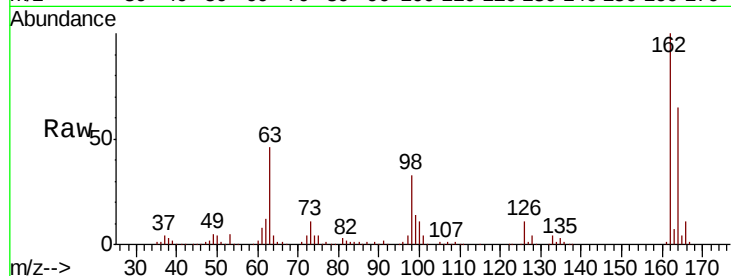




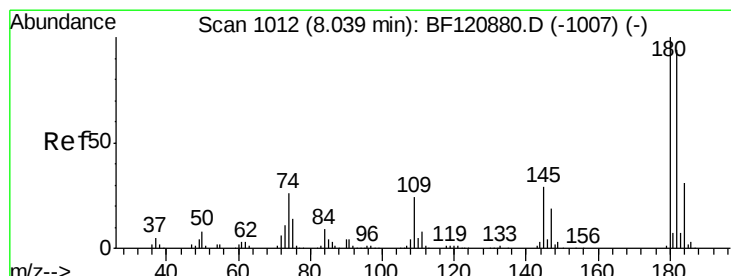
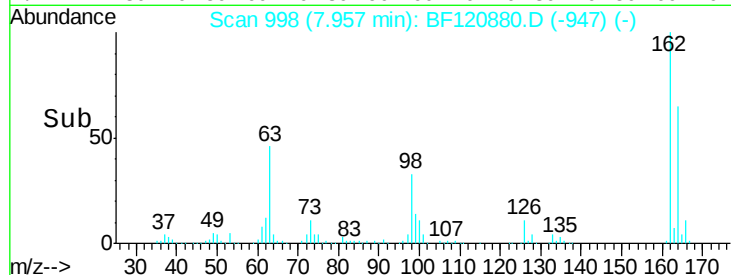
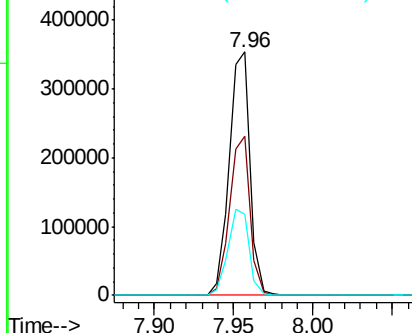
#29
 2,4-Dichlorophenol
 Concen: 39.164 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF120880.D
 Acq: 16 Jul 2020 11:42

Instrument :
 BNA_P
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	45.3	85.3
98	33.3	13.3	53.3

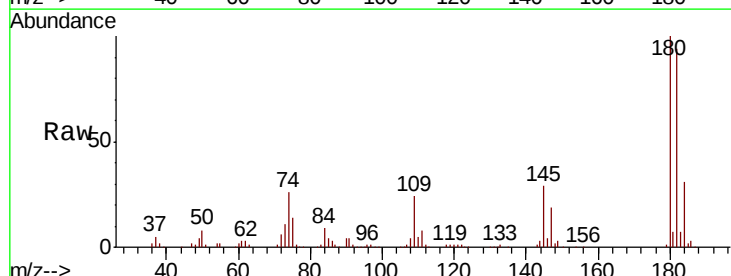


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

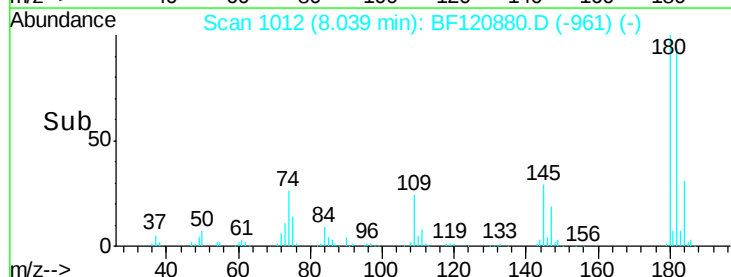
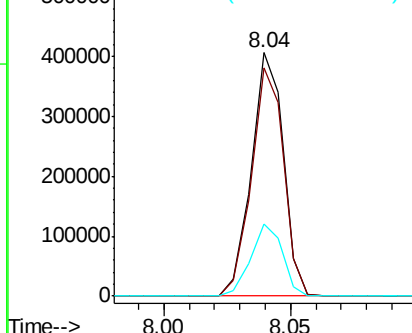


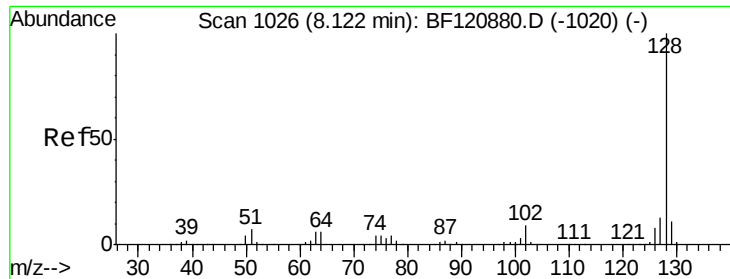
#30
 1,2,4-Trichlorobenzene
 Concen: 38.635 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BF120880.D
 Acq: 16 Jul 2020 11:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.0	112.6
145	29.4	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

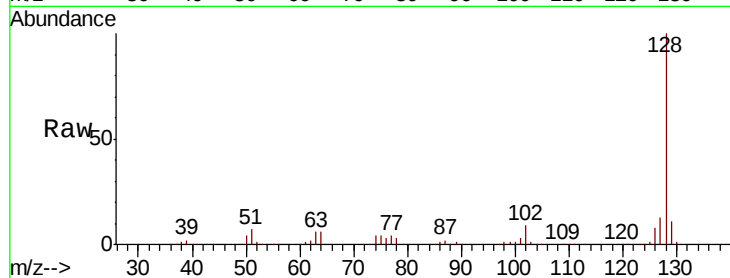




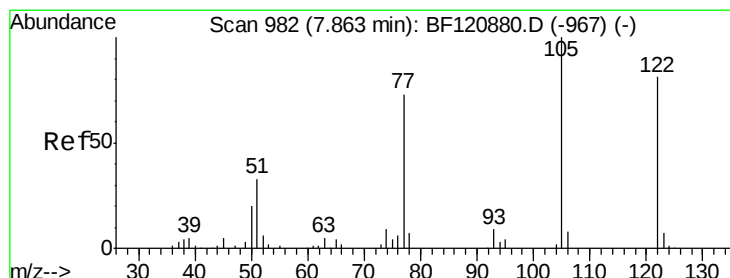
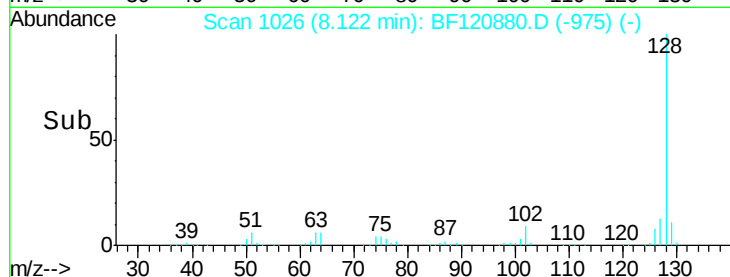
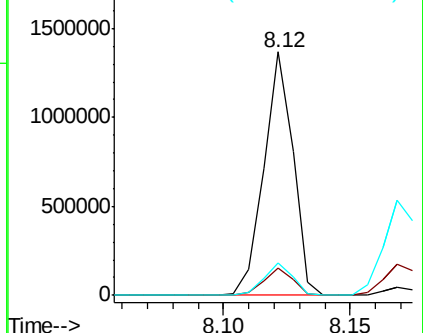
#31
Naphthalene
Concen: 37.191 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

Instrument :
BNA_P
ClientSampleId :

Tot Ion:128 Resp: 1102912
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.4 10.7 16.1

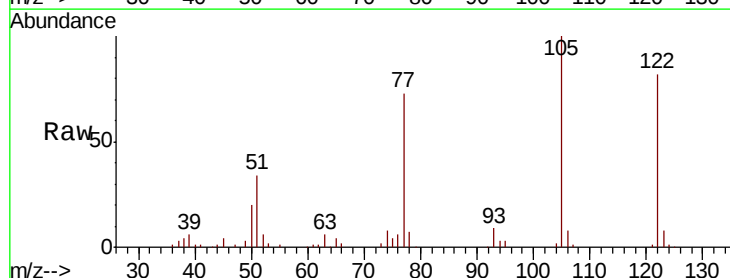


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

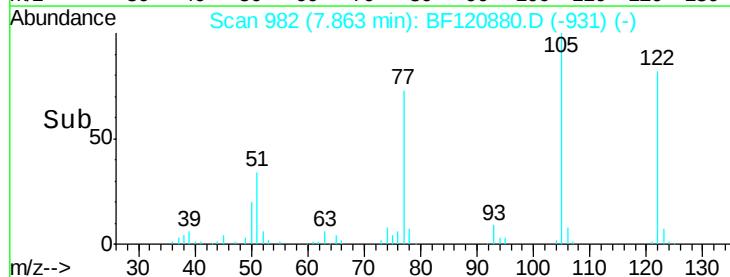
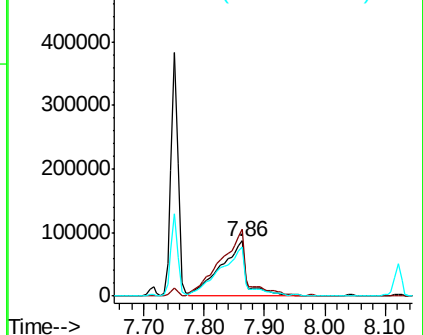


#32
Benzoic acid
Concen: 58.980 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

Tgt Ion:122 Resp: 263182
Ion Ratio Lower Upper
122 100
105 121.3 101.3 141.3
77 89.1 69.1 109.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

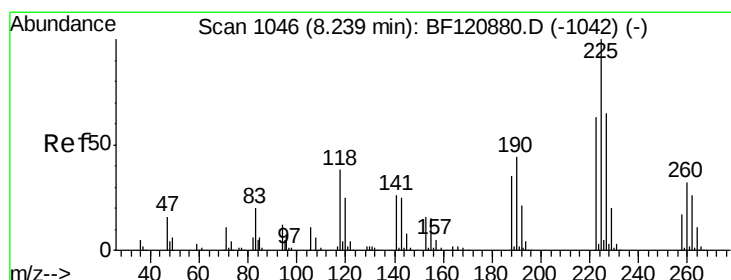
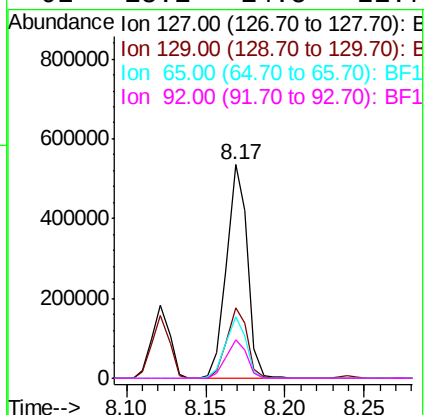
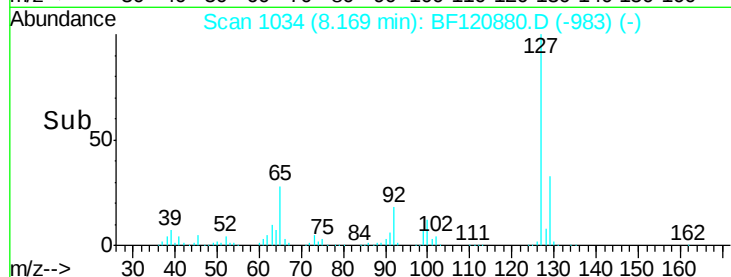
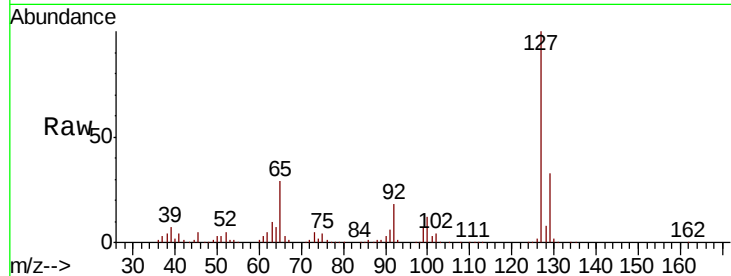




#33
4-Chloroaniline
Concen: 38.663 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

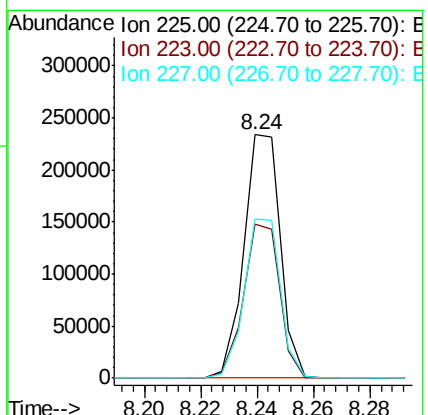
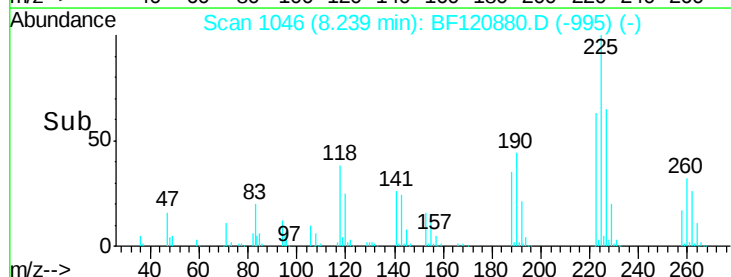
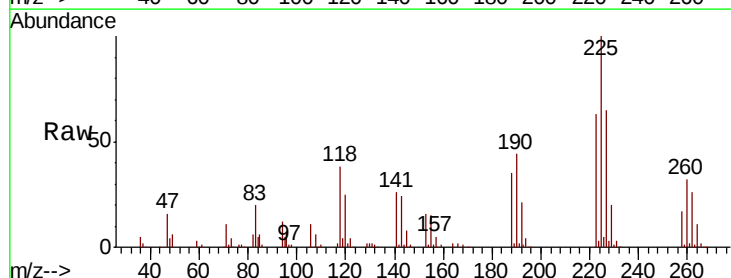
Instrument :
BNA_P
ClientSampleId :

Tot Ion:	127	Resp:	486524
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.5	39.7
65	28.7	23.0	34.4
92	18.1	14.5	21.7



#34
Hexachlorobutadiene
Concen: 37.570 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

Tgt Ion:	225	Resp:	208897
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	65.2	52.2	78.2

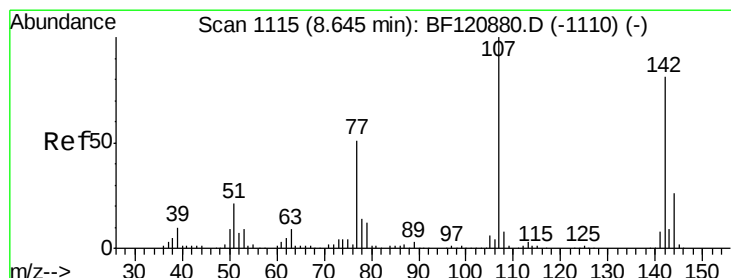
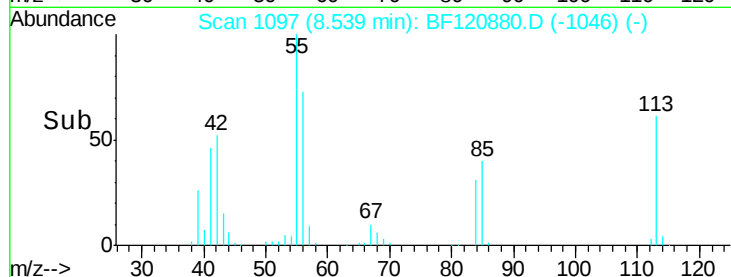
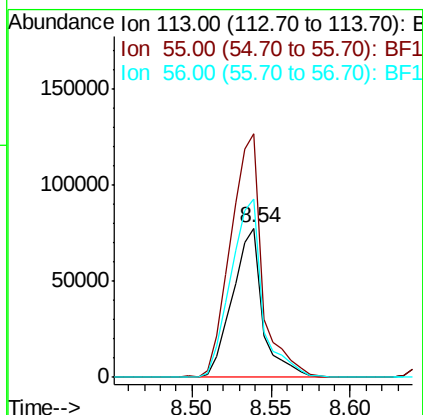
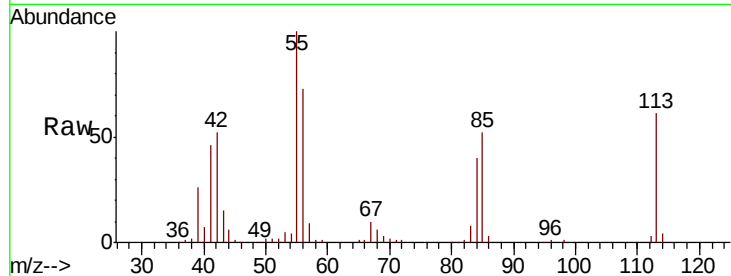




#35
 Caprolactam
 Concen: 42.538 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF120880.D
 Acq: 16 Jul 2020 11:42

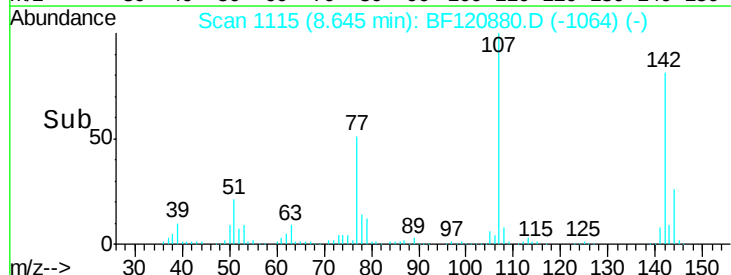
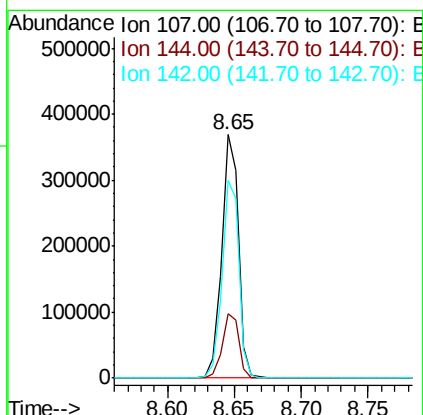
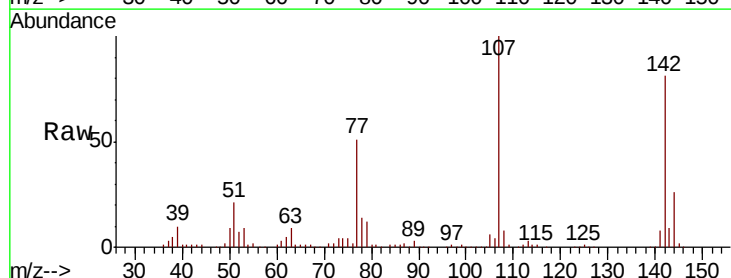
Instrument :
 BNA_P
 ClientSampleId :

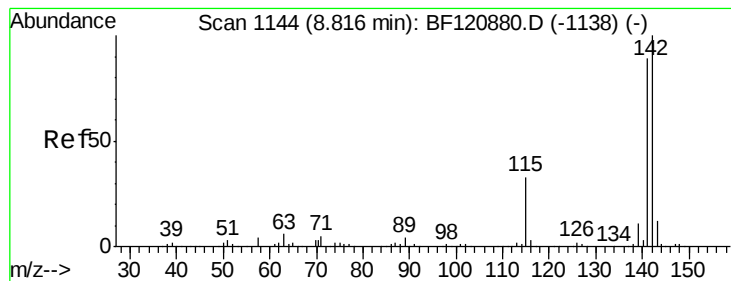
Tot Ion:113 Resp: 102023
 Ion Ratio Lower Upper
 113 100
 55 163.3 143.3 183.3
 56 119.4 99.4 139.4



#36
 4-Chloro-3-methylphenol
 Concen: 38.224 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF120880.D
 Acq: 16 Jul 2020 11:42

Tgt Ion:107 Resp: 327278
 Ion Ratio Lower Upper
 107 100
 144 26.3 21.0 31.6
 142 81.3 65.0 97.6





#37

2-Methylnaphthalene

Concen: 37.647 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

Instrument :

BNA_P

ClientSampled :

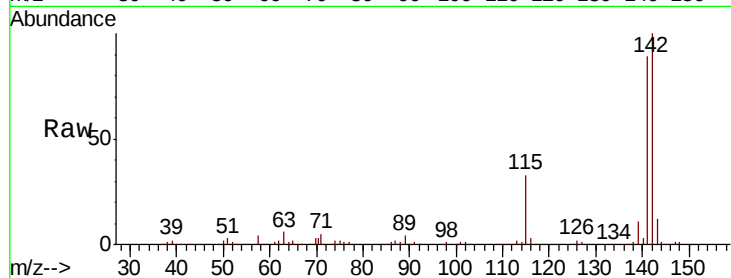
Tot Ion:142 Resp: 725752

Ion Ratio Lower Upper

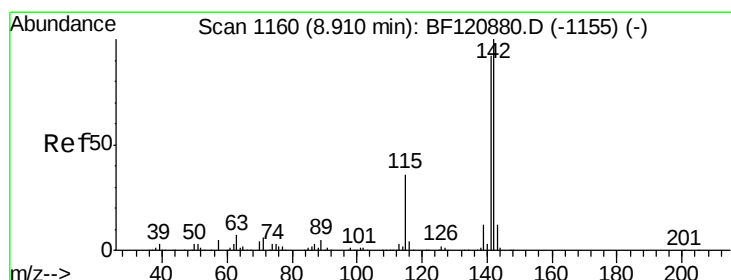
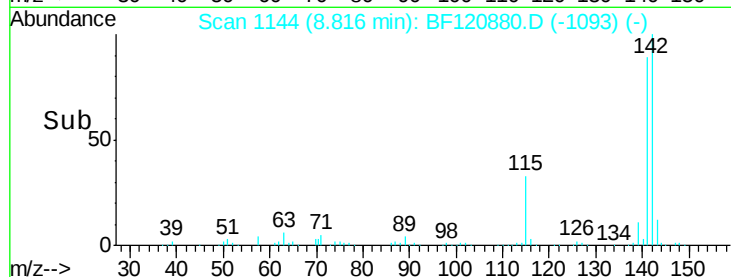
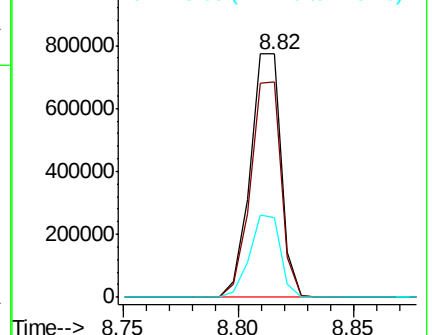
142 100

141 88.7 71.0 106.4

115 32.5 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: 37.743 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

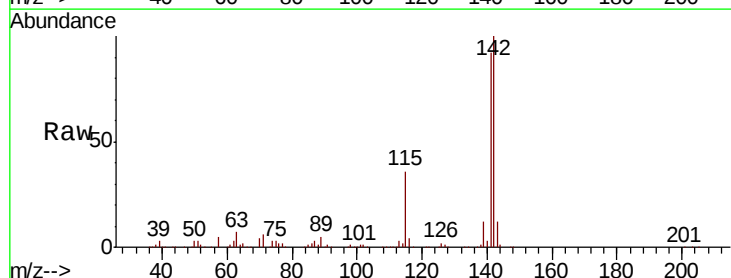
Tgt Ion:142 Resp: 681543

Ion Ratio Lower Upper

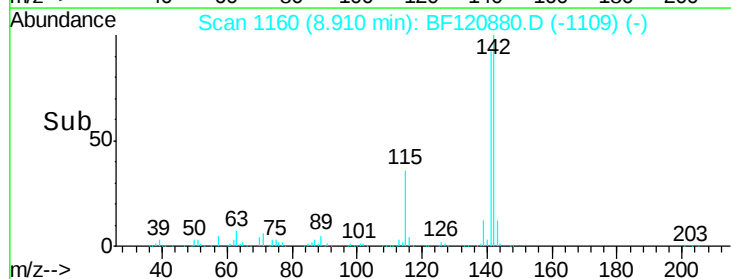
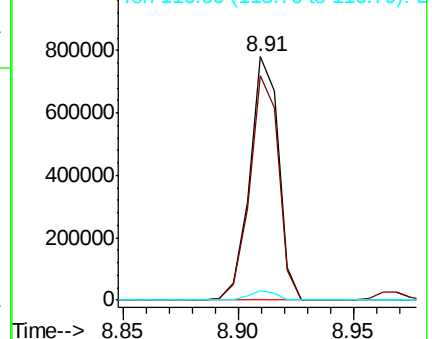
142 100

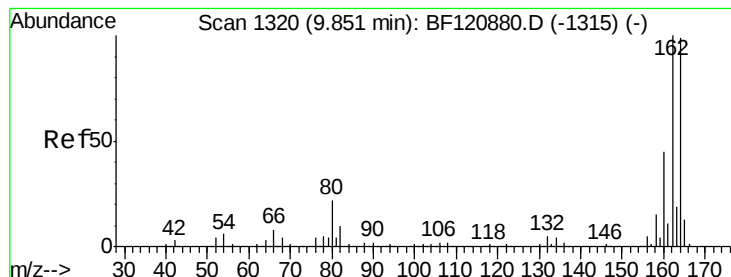
141 92.1 73.7 110.5

116 3.8 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: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

Instrument :

BNA_P

ClientSampleId :

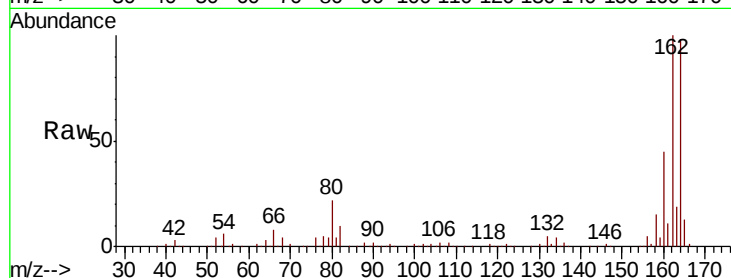
Tot Ion:164 Resp: 284563

Ion Ratio Lower Upper

164 100

162 101.5 81.2 121.8

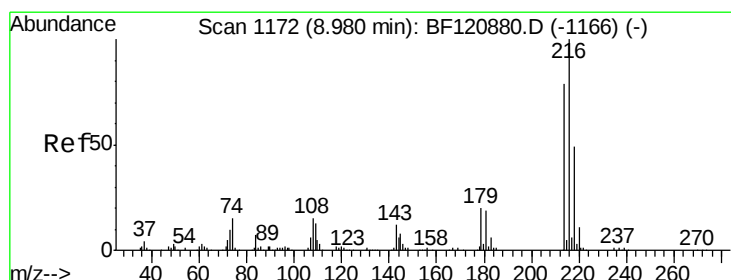
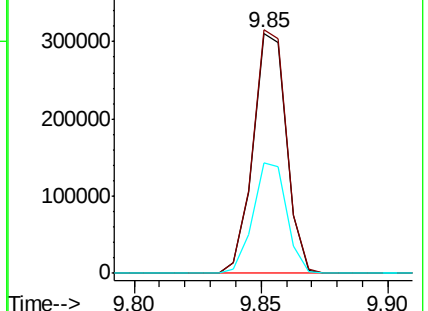
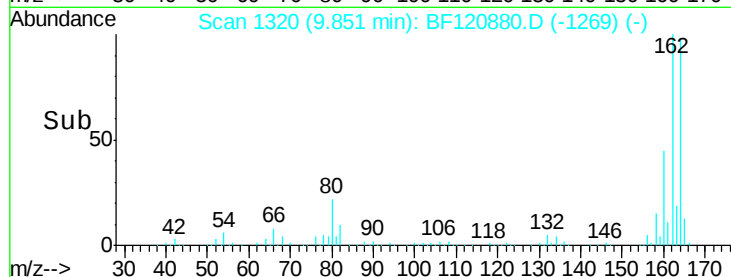
160 46.1 36.9 55.3



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: 38.264 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

Tgt Ion:216 Resp: 329079

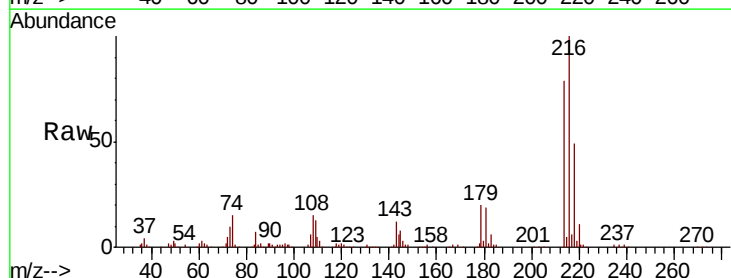
Ion Ratio Lower Upper

216 100

214 79.8 63.8 95.8

179 20.7 16.6 24.8

108 19.2 15.4 23.0

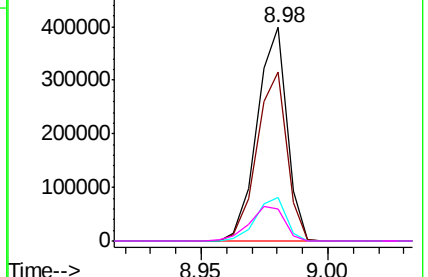
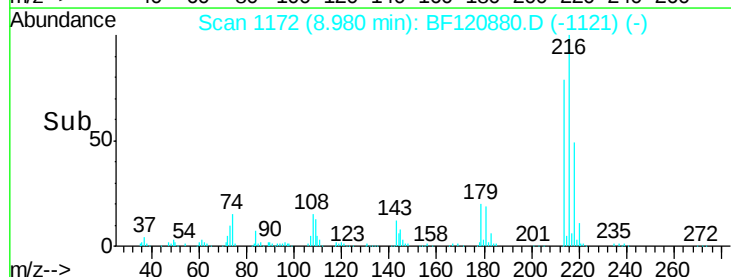


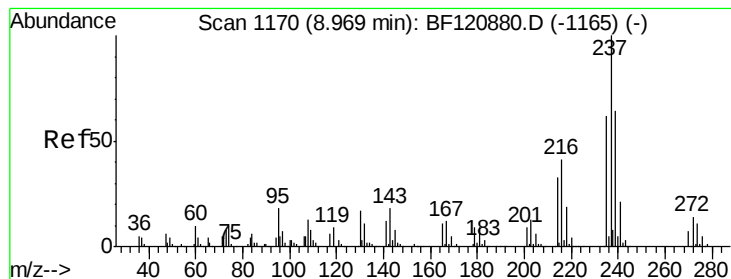
Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.357 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

Instrument :

BNA_P

ClientSampleId :

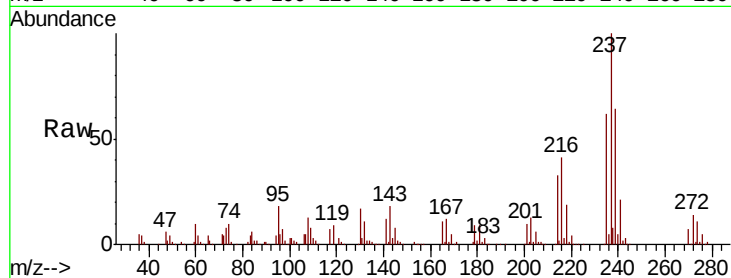
Tot Ion:237 Resp: 189823

Ion Ratio Lower Upper

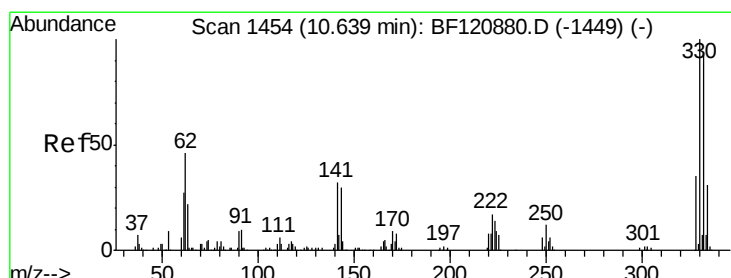
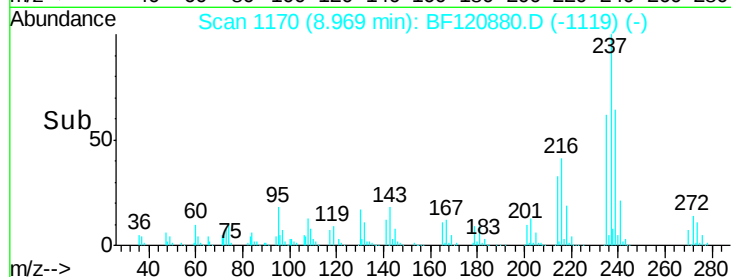
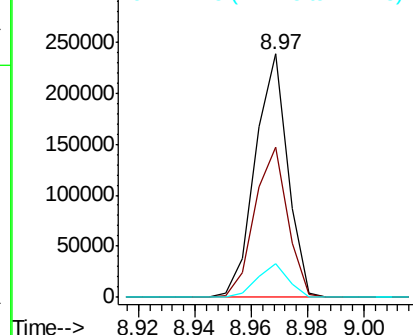
237 100

235 61.6 41.6 81.6

272 13.7 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: 87.383 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

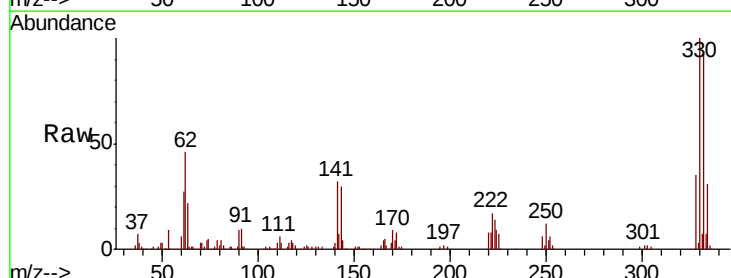
Tgt Ion:330 Resp: 249815

Ion Ratio Lower Upper

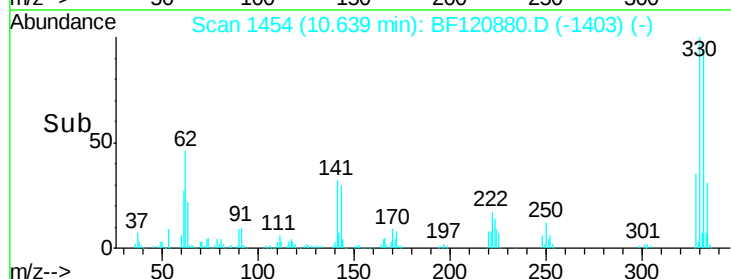
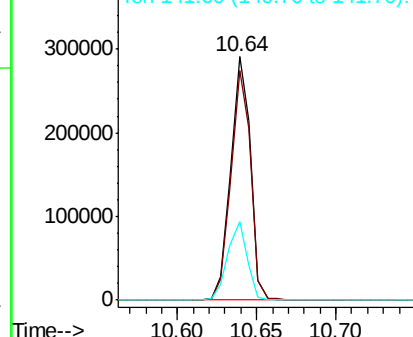
330 100

332 94.4 75.5 113.3

141 32.1 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

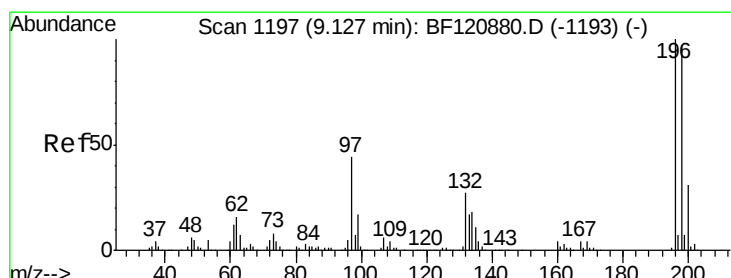
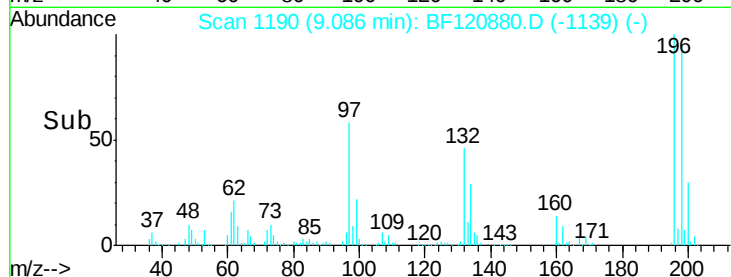
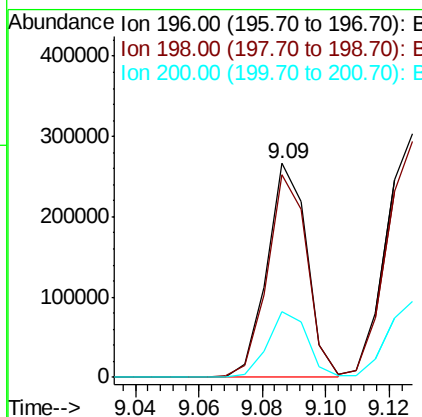
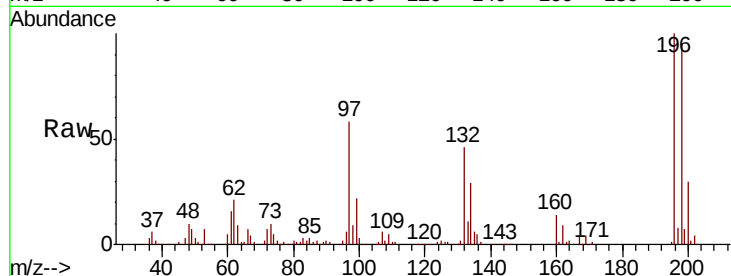




#43
 2,4,6-Trichlorophenol
 Concen: 39.764 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF120880.D
 Acq: 16 Jul 2020 11:42

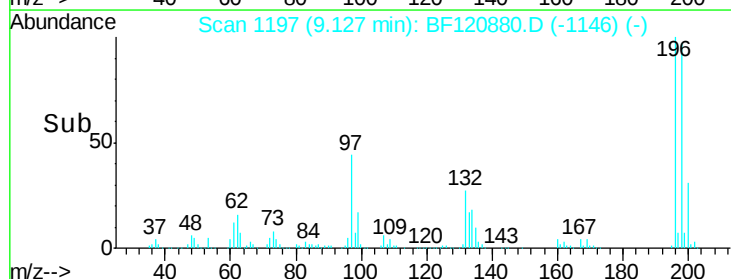
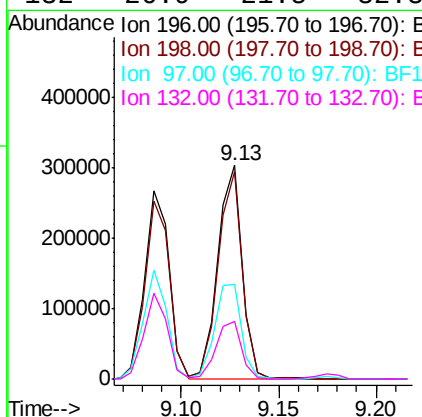
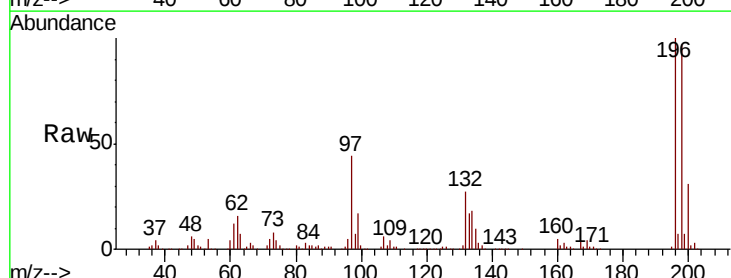
Instrument :
 BNA_P
 ClientSampled :

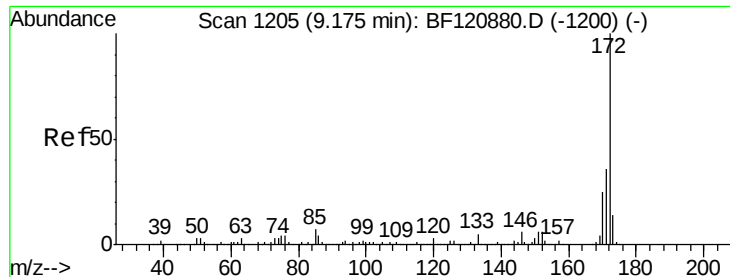
Tot Ion:196 Resp: 233028
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.7 113.5
 200 30.5 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 40.330 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF120880.D
 Acq: 16 Jul 2020 11:42

Tgt Ion:196 Resp: 262290
 Ion Ratio Lower Upper
 196 100
 198 97.0 77.6 116.4
 97 44.5 35.6 53.4
 132 26.9 21.5 32.3

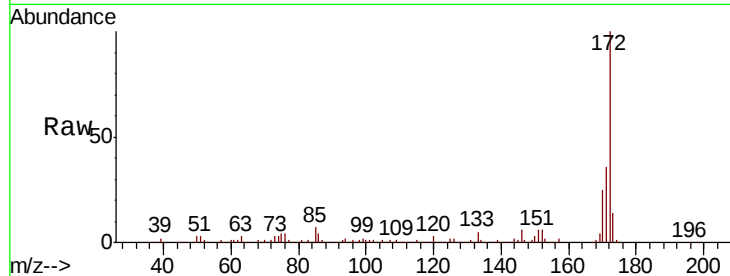




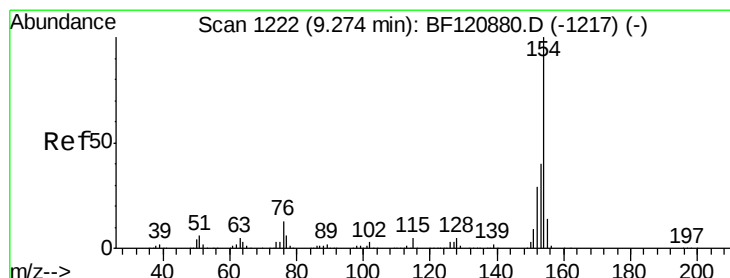
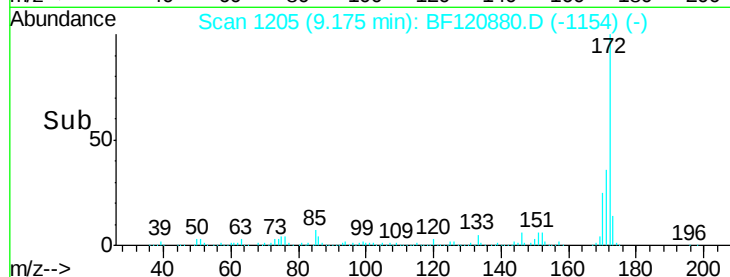
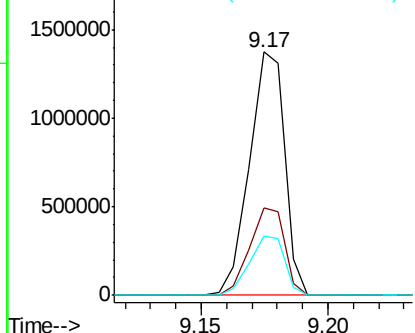
#45
2-Fluorobiphenyl
Concen: 70.911 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

Instrument :
BNA_P
ClientSampleId :

Tot Ion:172 Resp: 1333740
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 24.5 19.6 29.4

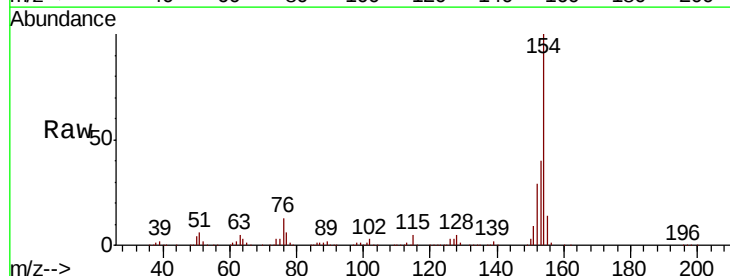


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

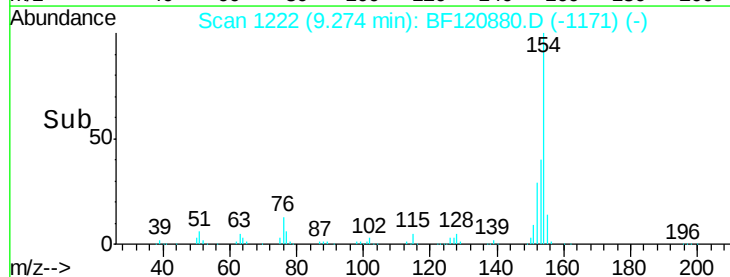
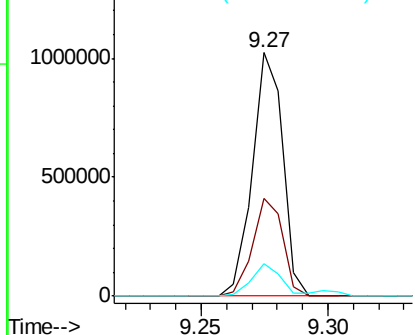


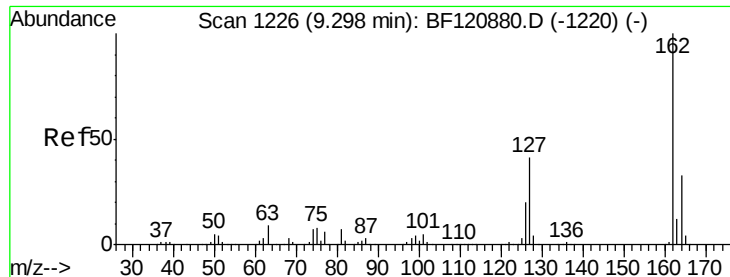
#46
1,1'-Biphenyl
Concen: 37.064 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

Tgt Ion:154 Resp: 850747
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 13.1 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

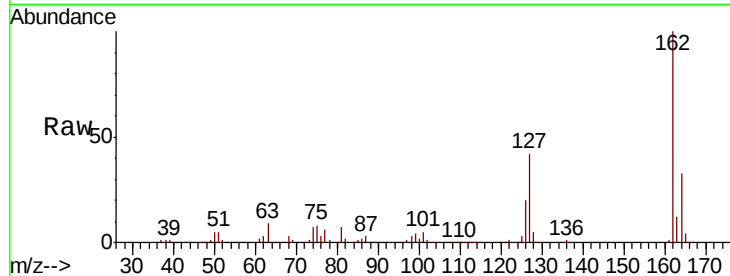




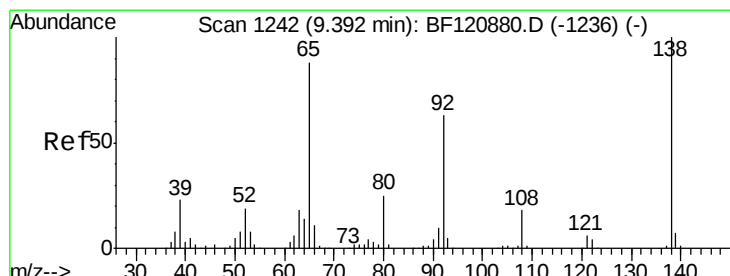
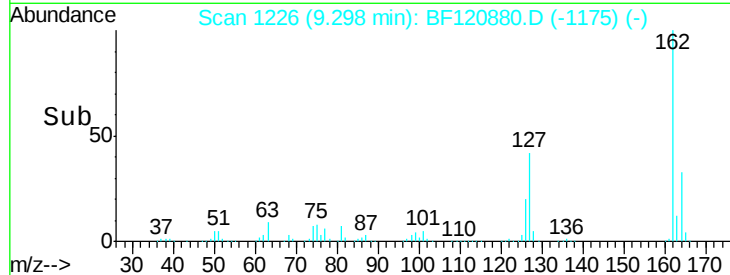
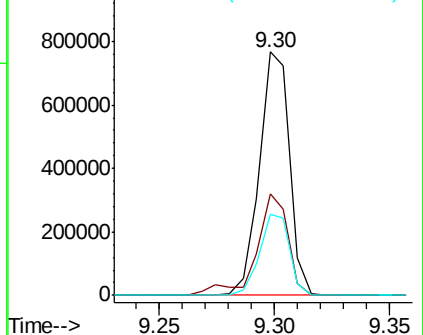
#47
2-Chloronaphthalene
Concen: 37.914 ng
RT: 9.30 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

Instrument :
BNA_P
ClientSampleId :

Tot Ion:162 Resp: 697205
Ion Ratio Lower Upper
162 100
127 41.6 33.3 49.9
164 33.2 26.6 39.8

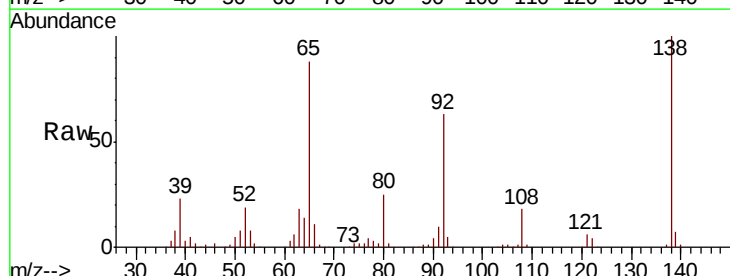


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

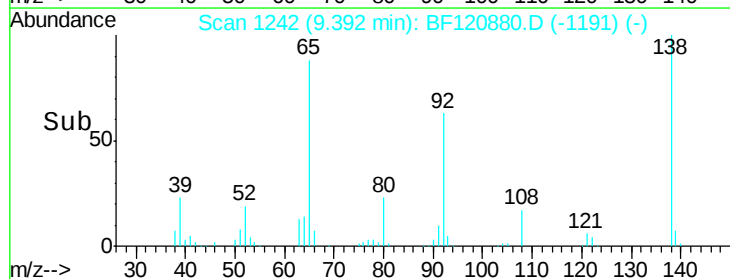
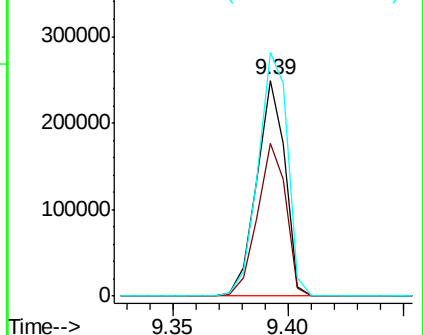


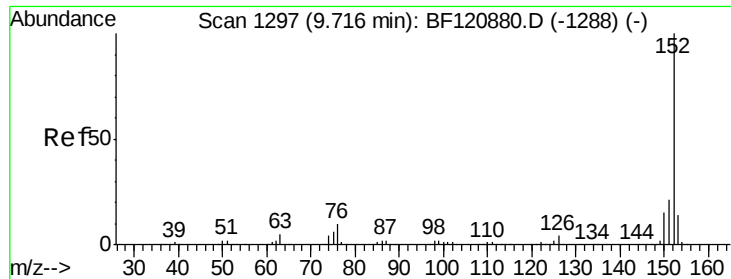
#48
2-Nitroaniline
Concen: 43.363 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

Tgt Ion: 65 Resp: 213350
Ion Ratio Lower Upper
65 100
92 71.2 57.0 85.4
138 113.0 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: 37.370 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

Instrument :

BNA_P

ClientSampleId :

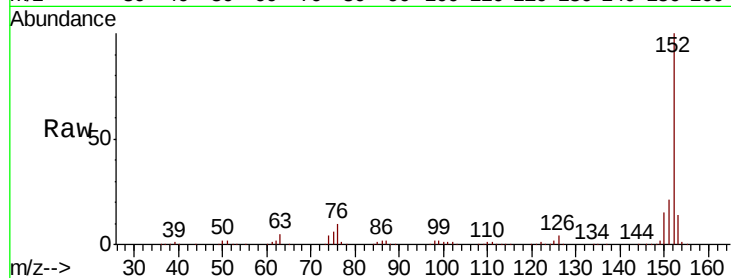
Tot Ion:152 Resp: 1077374

Ion Ratio Lower Upper

152 100

151 20.8 16.6 25.0

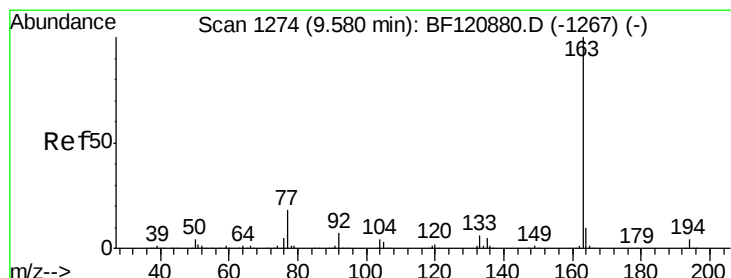
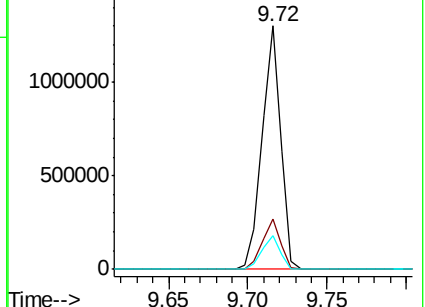
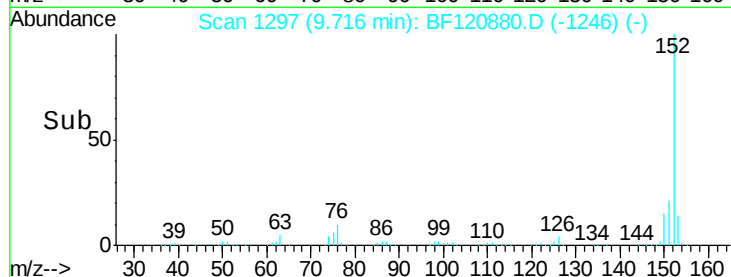
153 13.6 10.9 16.3



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: 38.193 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

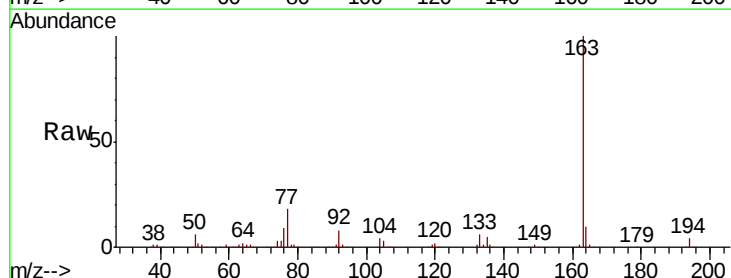
Tgt Ion:163 Resp: 792812

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

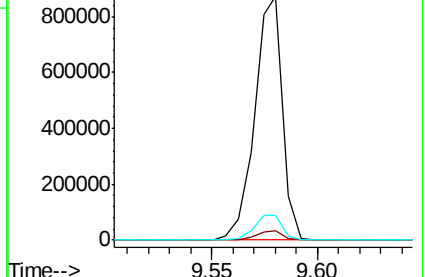
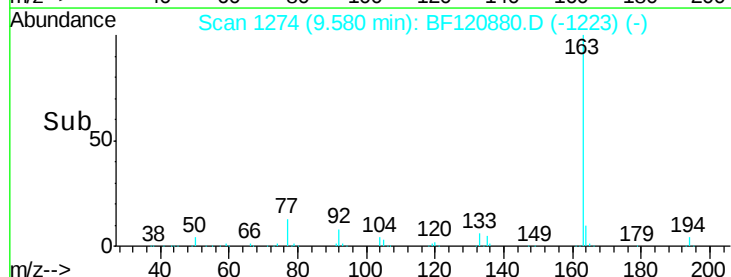
164 9.9 7.9 11.9

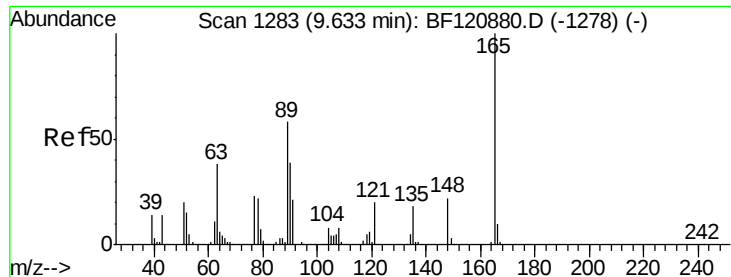


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.512 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

Instrument :

BNA_P

ClientSampleId :

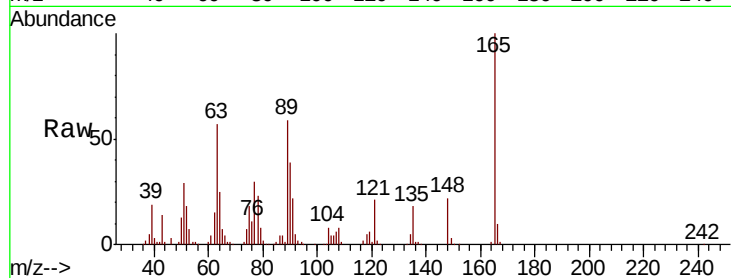
Tot Ion:165 Resp: 178177

Ion Ratio Lower Upper

165 100

63 56.8 45.4 68.2

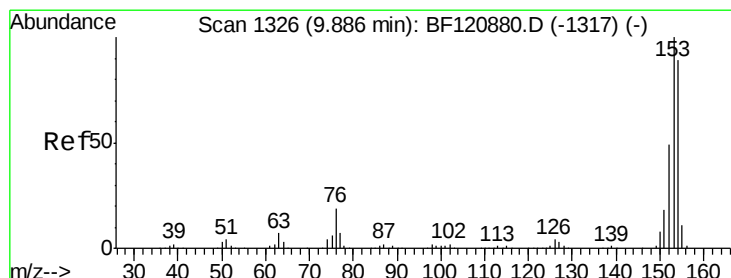
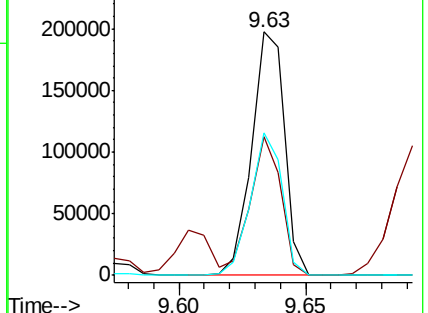
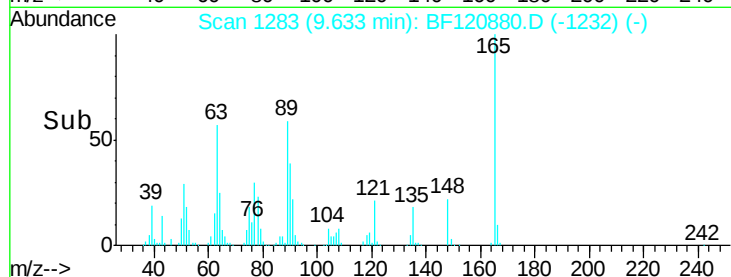
89 58.7 47.0 70.4



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: 38.589 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

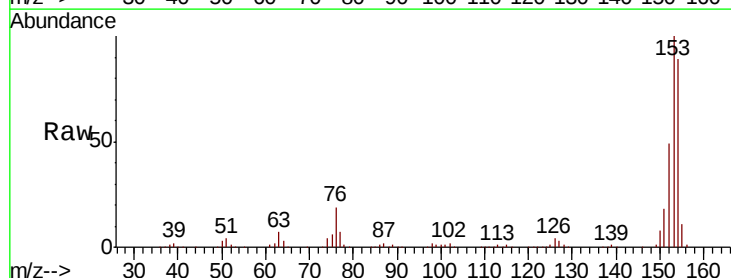
Tgt Ion:154 Resp: 690184

Ion Ratio Lower Upper

154 100

153 111.9 89.5 134.3

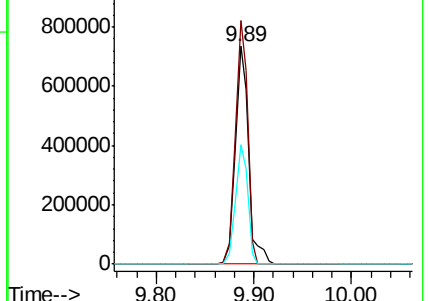
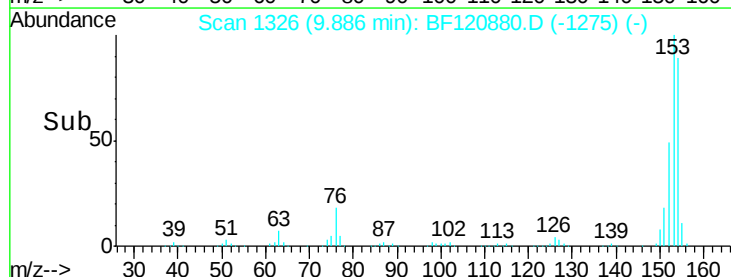
152 55.2 44.2 66.2

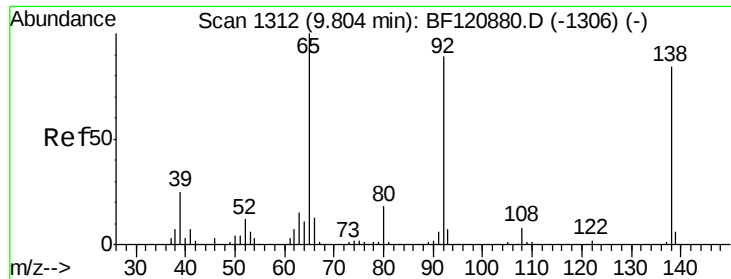


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

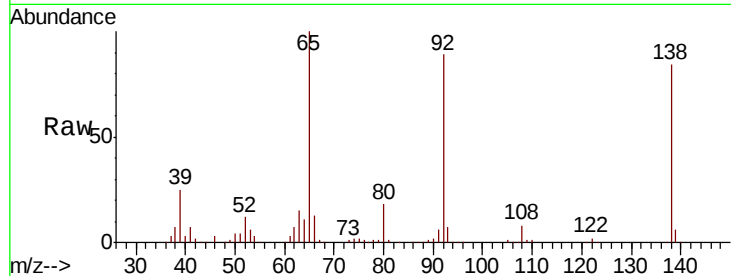




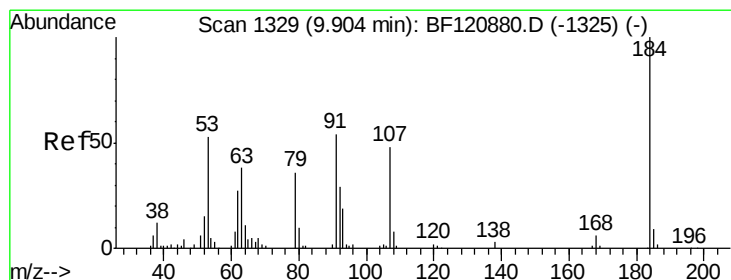
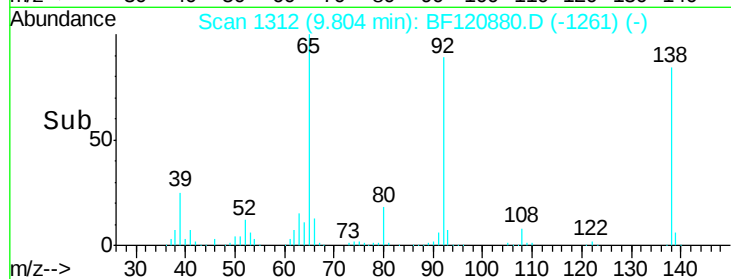
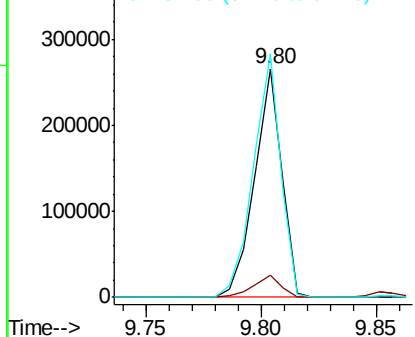
#53
3-Nitroaniline
Concen: 47.380 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

Instrument :
BNA_P
ClientSampleId :

Tot Ion:138 Resp: 219513
Ion Ratio Lower Upper
138 100
108 9.9 7.9 11.9
92 106.6 85.3 127.9

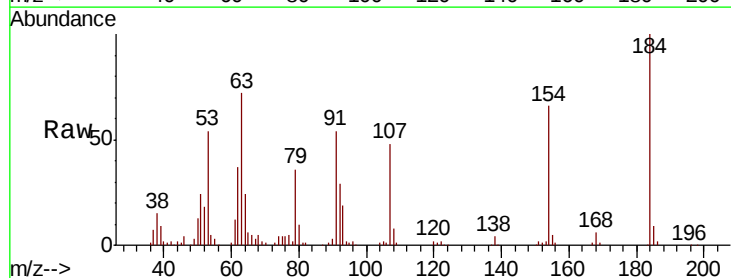


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

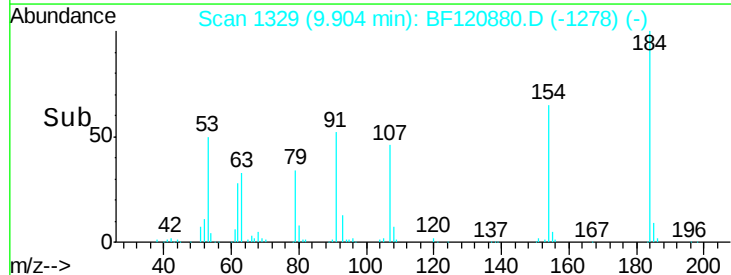
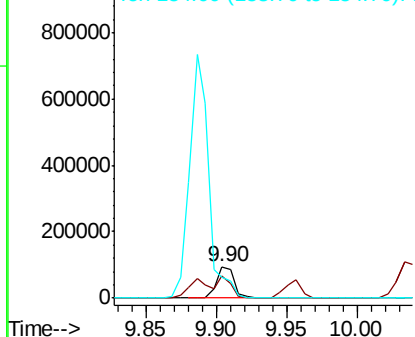


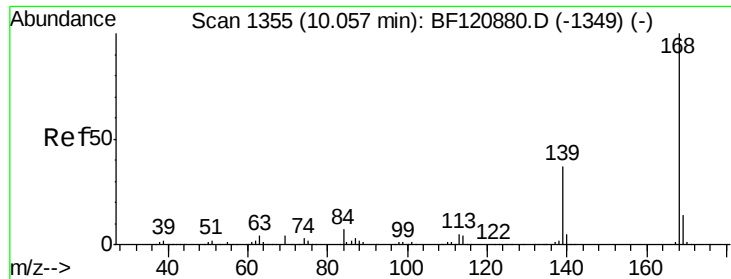
#54
2,4-Dinitrophenol
Concen: 68.055 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

Tgt Ion:184 Resp: 84289
Ion Ratio Lower Upper
184 100
63 72.4 57.9 86.9
154 65.7 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

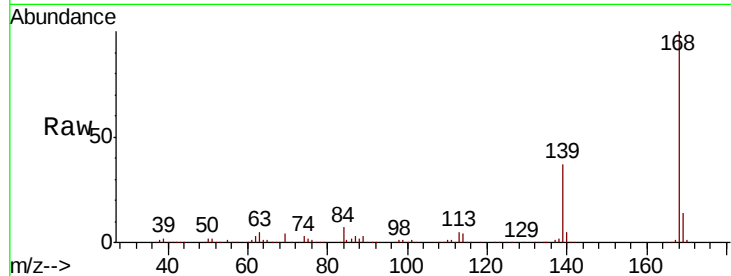




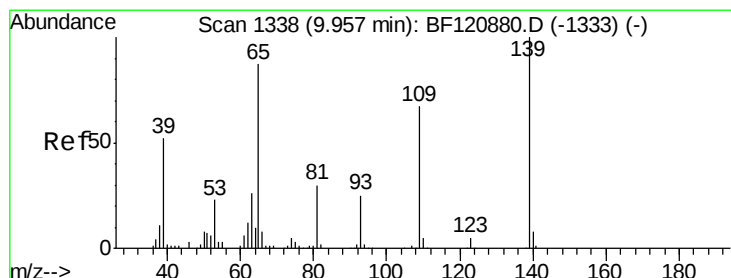
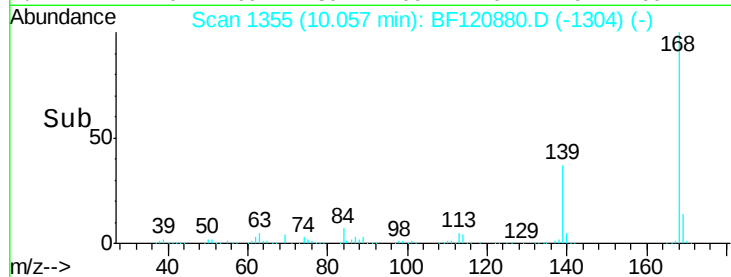
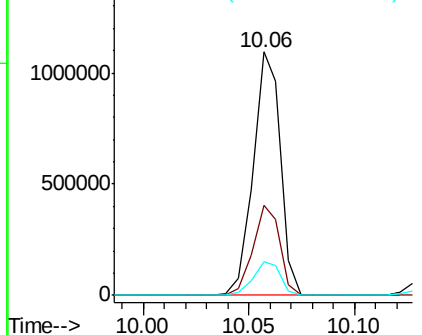
#55
Dibenzenofuran
Concen: 38.055 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

Instrument :
BNA_P
ClientSampled :

Tot Ion:168 Resp: 981111
Ion Ratio Lower Upper
168 100
139 37.1 29.7 44.5
169 13.9 11.1 16.7

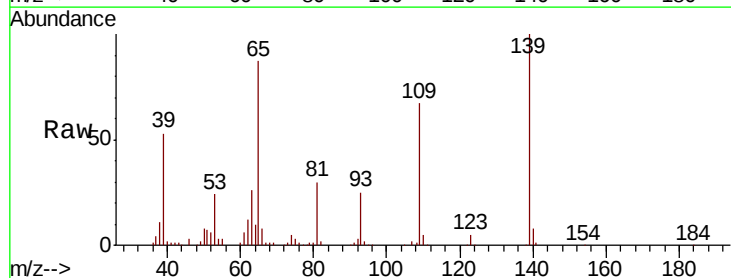


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

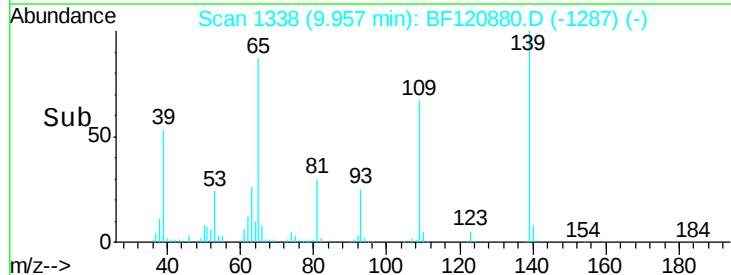
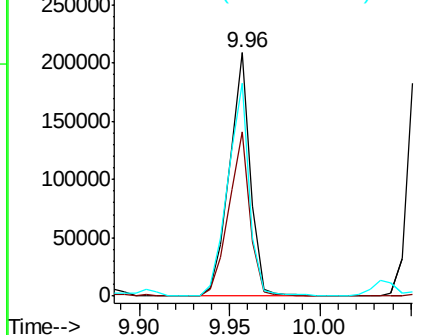


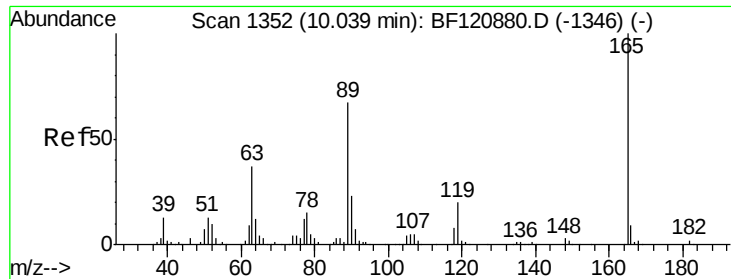
#56
4-Nitrophenol
Concen: 49.671 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

Tgt Ion:139 Resp: 169032
Ion Ratio Lower Upper
139 100
109 67.3 47.3 87.3
65 87.2 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

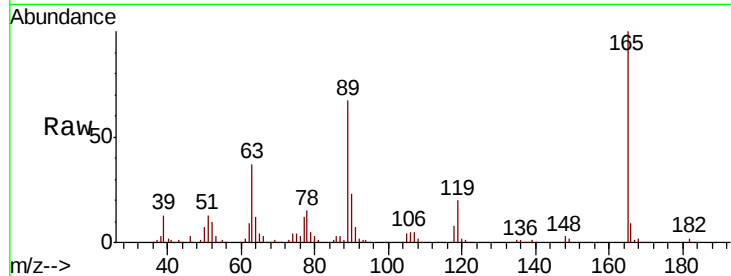




#57
2,4-Dinitrotoluene
Concen: 52.881 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.8	29.4	44.2
89	66.7	53.4	80.0
182	2.2	1.8	2.6

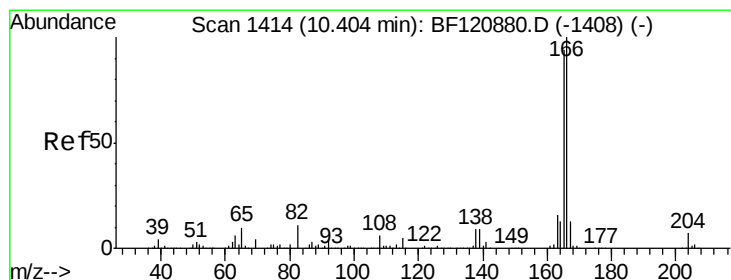
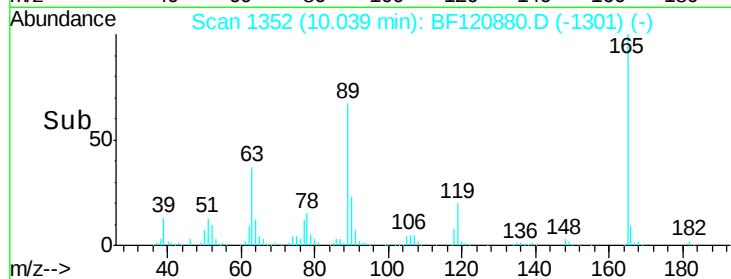
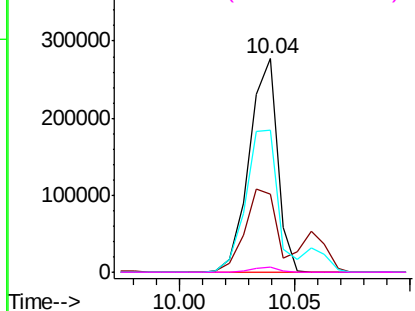


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

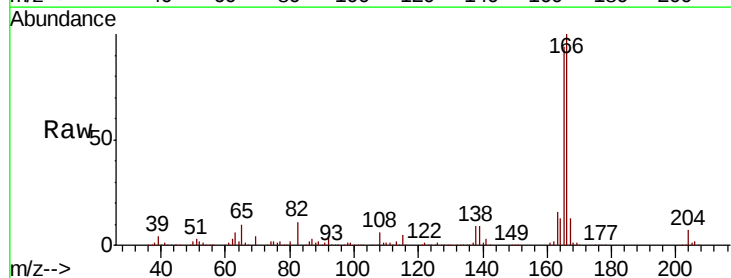
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 36.946 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

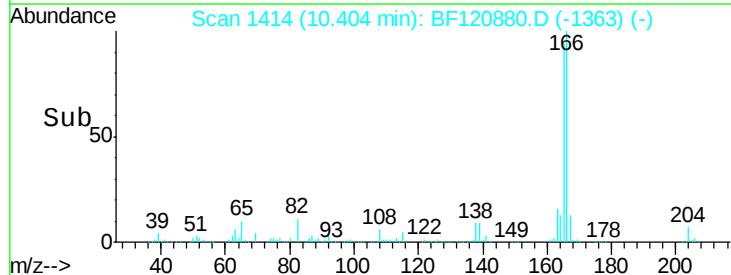
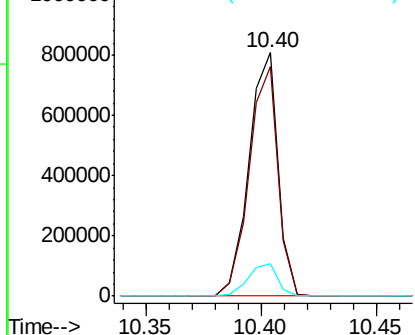
Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.2	75.4	113.0
167	13.2	10.6	15.8



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

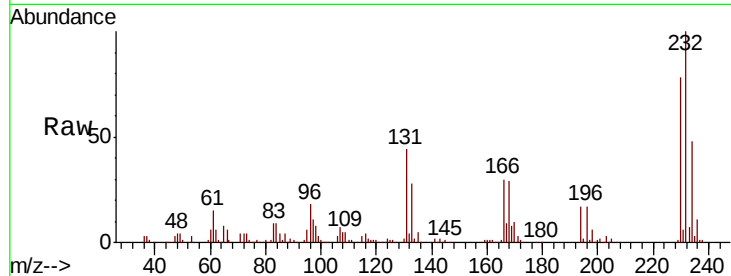




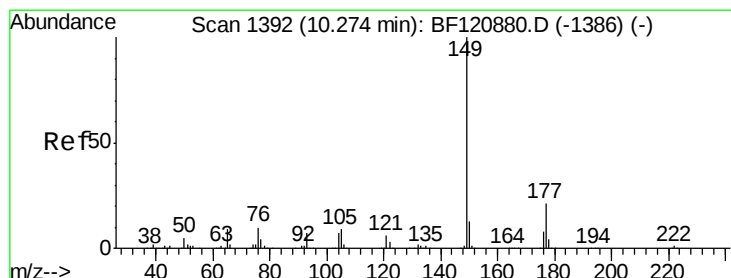
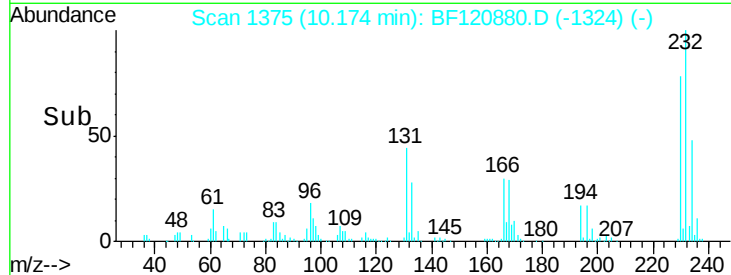
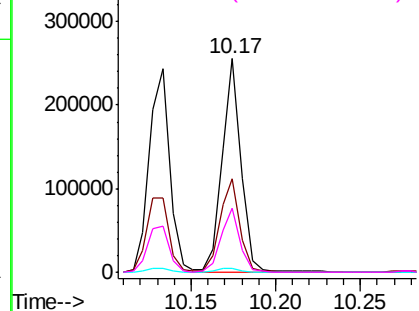
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.388 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.4	37.1	55.7
130	2.1	1.7	2.5
166	30.3	24.2	36.4

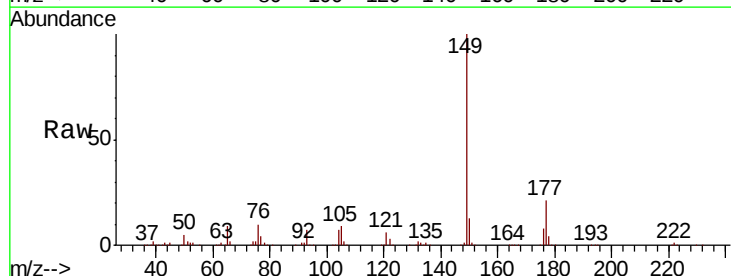


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

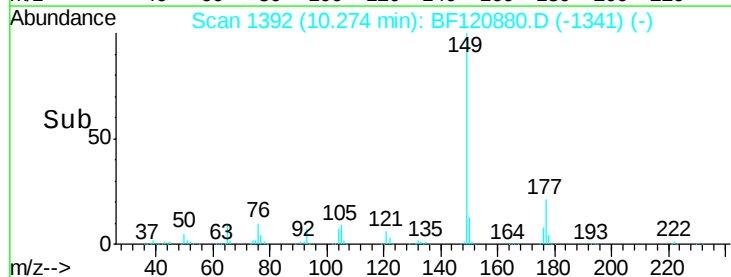
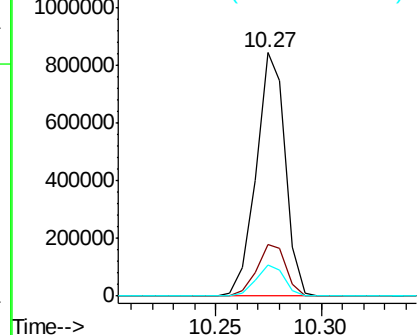


#60
Diethylphthalate
Concen: 37.329 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.1	25.7
150	12.9	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

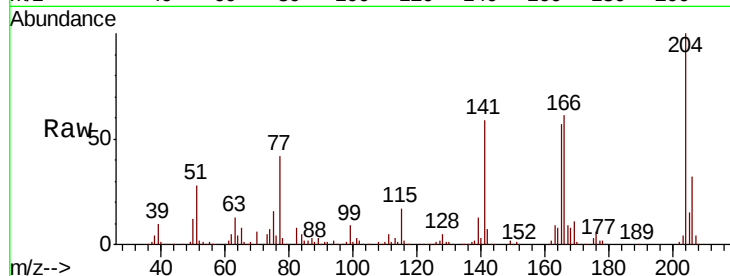




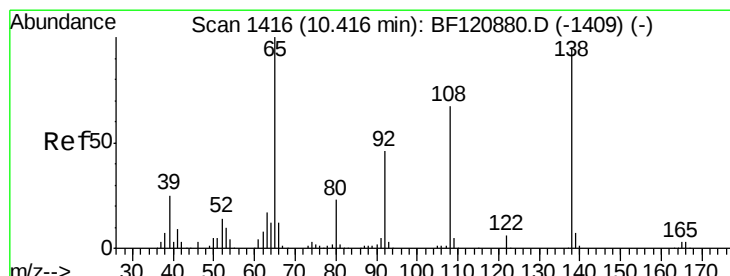
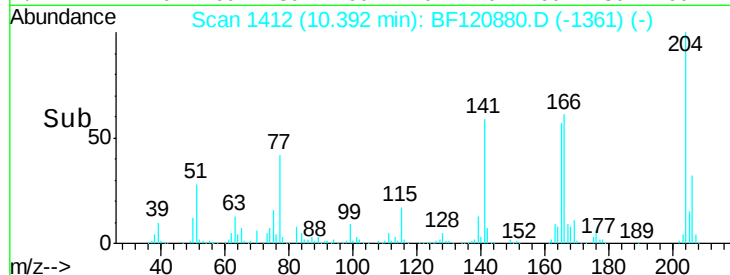
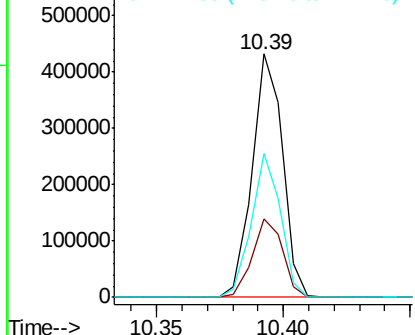
#61
4-Chlorophenyl-phenylether
Concen: 37.415 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

Instrument :
BNA_P
ClientSampled :

Tot Ion:204 Resp: 360937
Ion Ratio Lower Upper
204 100
206 32.4 25.9 38.9
141 59.0 47.2 70.8

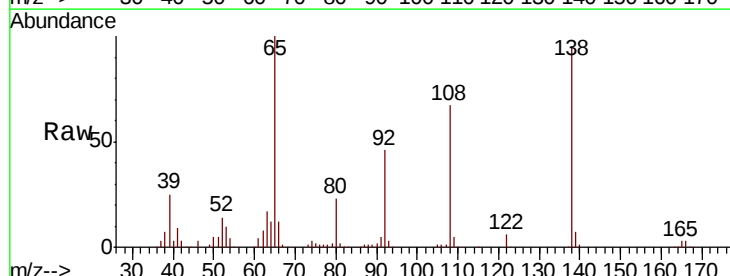


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

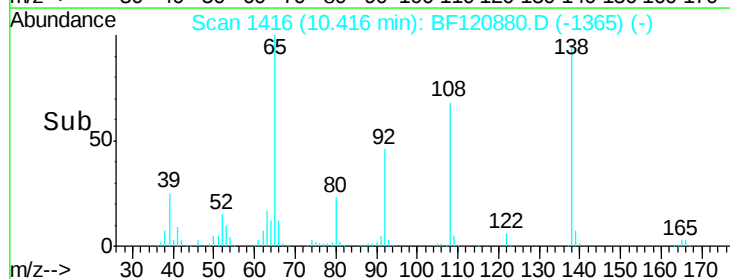
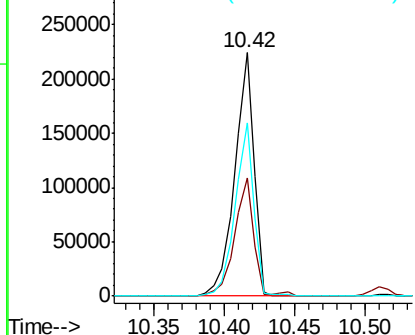


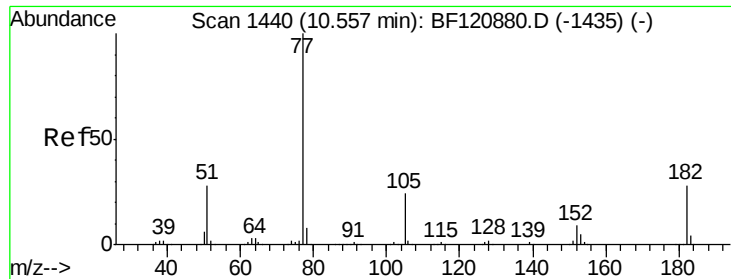
#62
4-Nitroaniline
Concen: 48.241 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

Tgt Ion:138 Resp: 212765
Ion Ratio Lower Upper
138 100
92 48.6 28.6 68.6
108 71.1 51.1 91.1



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





#63

Azobenzene

Concen: 34.942 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

Instrument :

BNA_P

ClientSampled :

Tot Ion: 77 Resp: 772936

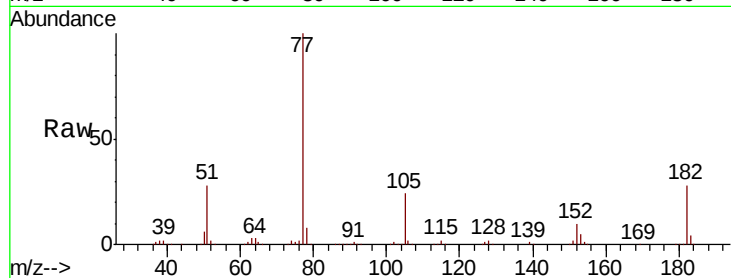
Ion Ratio Lower Upper

77 100

182 27.8 7.8 47.8

105 24.4 4.4 44.4

51 28.0 8.0 48.0

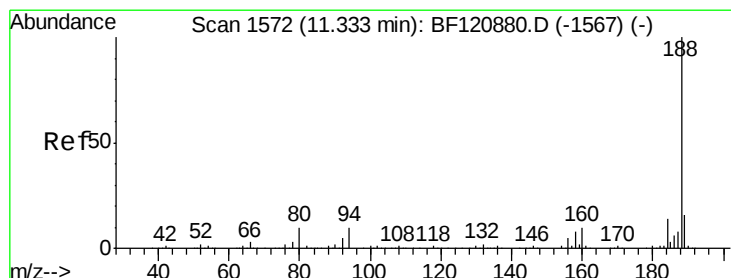
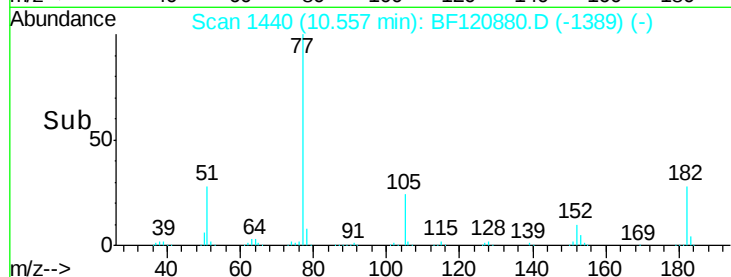
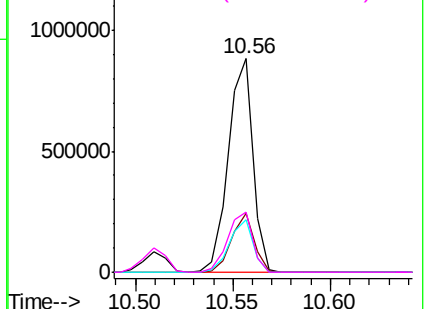


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

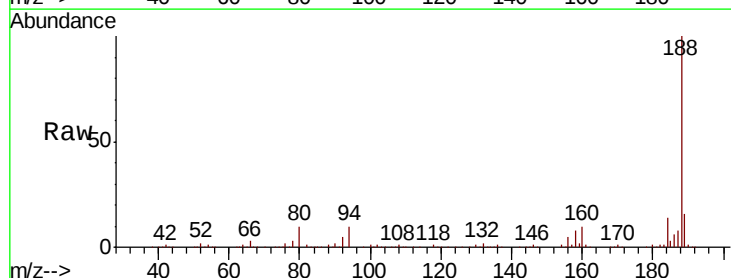
Tgt Ion: 188 Resp: 540320

Ion Ratio Lower Upper

188 100

94 10.0 8.0 12.0

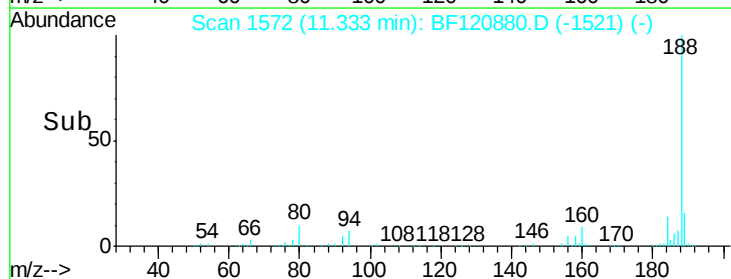
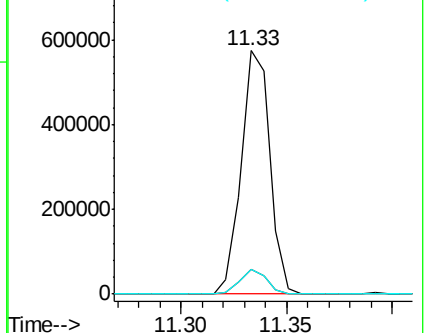
80 10.4 8.3 12.5

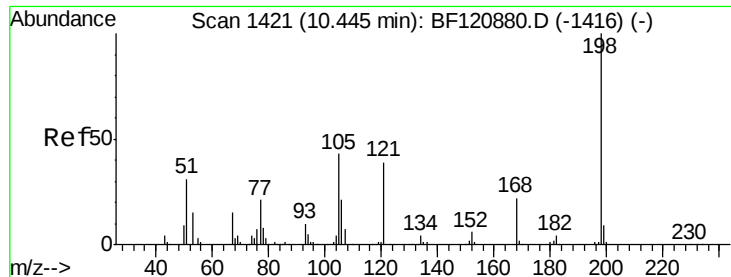


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 66.086 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

Instrument :

BNA_P

ClientSampleId :

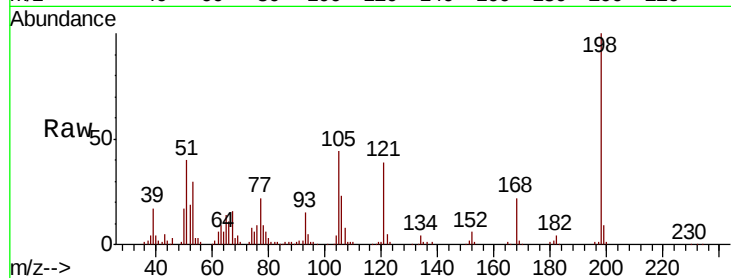
Tot Ion:198 Resp: 114726

Ion Ratio Lower Upper

198 100

51 39.5 19.5 59.5

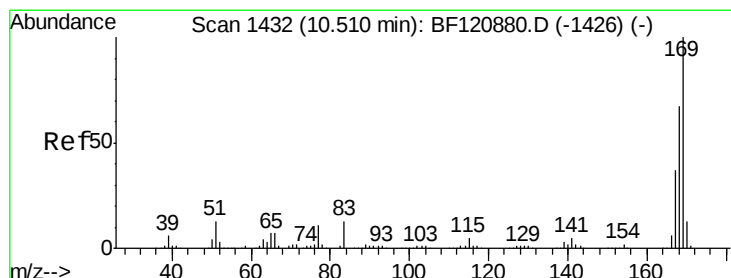
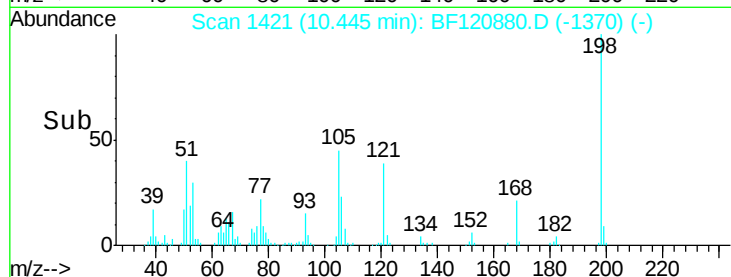
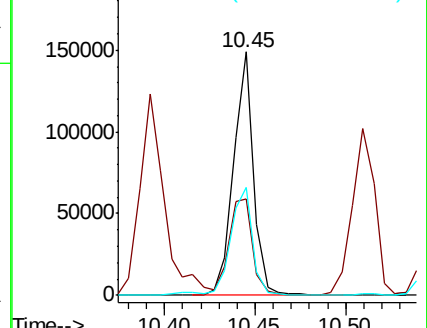
105 44.4 24.4 64.4



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: 37.635 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

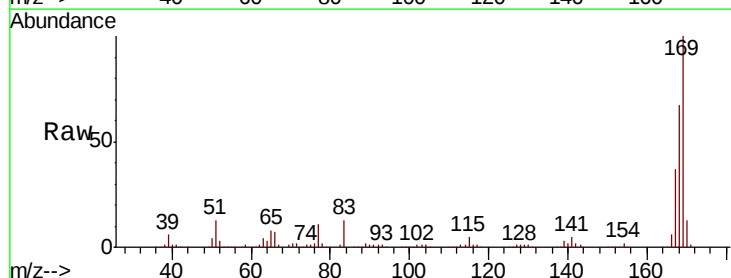
Tgt Ion:169 Resp: 681587

Ion Ratio Lower Upper

169 100

168 66.7 53.4 80.0

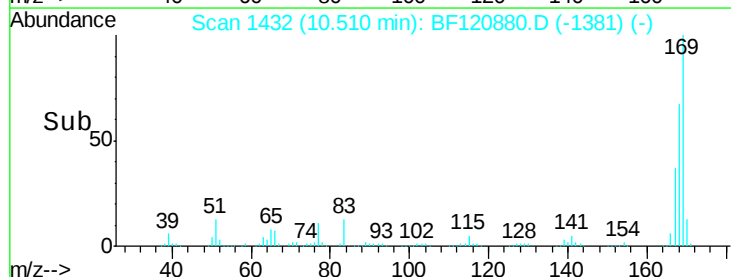
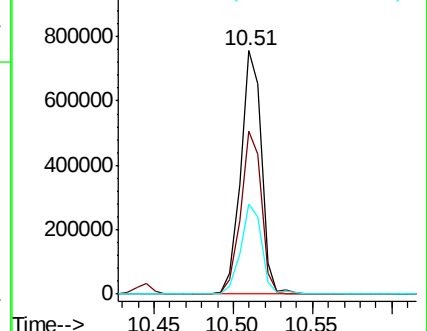
167 36.7 29.4 44.0



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

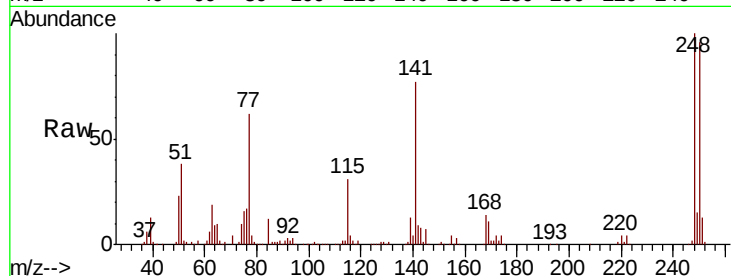




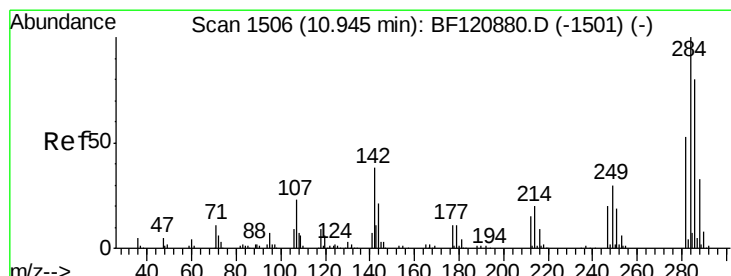
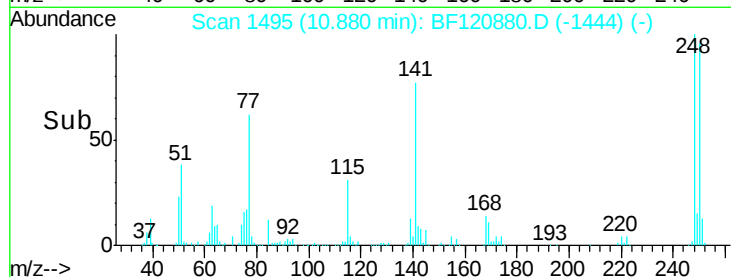
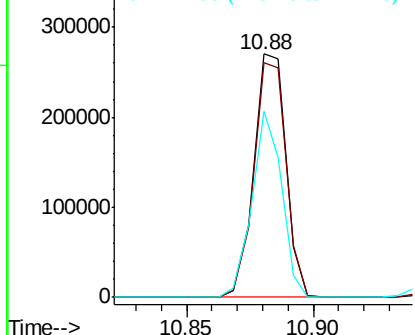
#67
 4-Bromophenyl-phenylether
 Concen: 38.464 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF120880.D
 Acq: 16 Jul 2020 11:42

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:248 Resp: 241080
 Ion Ratio Lower Upper
 248 100
 250 96.4 77.1 115.7
 141 76.5 61.2 91.8

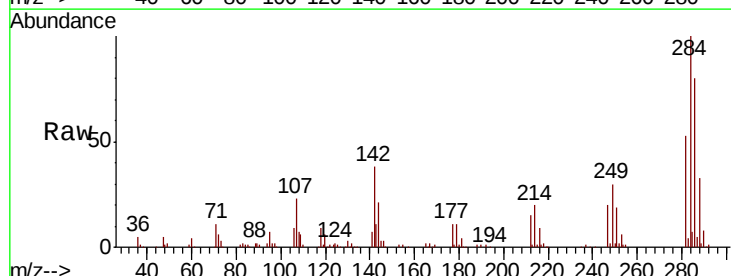


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

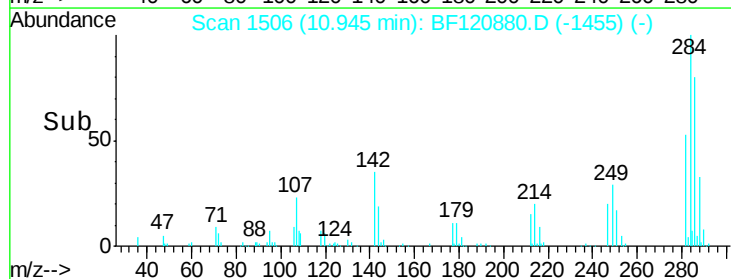
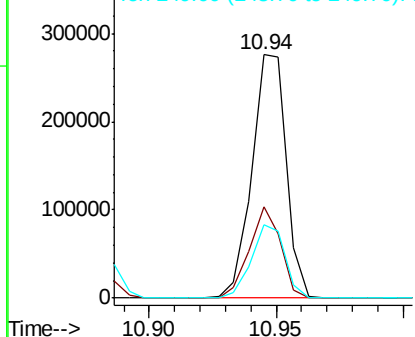


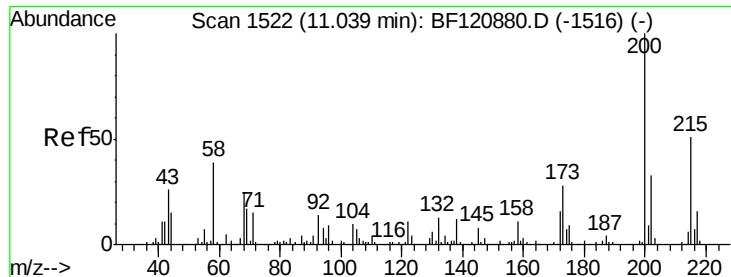
#68
 Hexachlorobenzene
 Concen: 39.533 ng
 RT: 10.94 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BF120880.D
 Acq: 16 Jul 2020 11:42

Tgt Ion:284 Resp: 260008
 Ion Ratio Lower Upper
 284 100
 142 37.7 30.2 45.2
 249 30.2 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

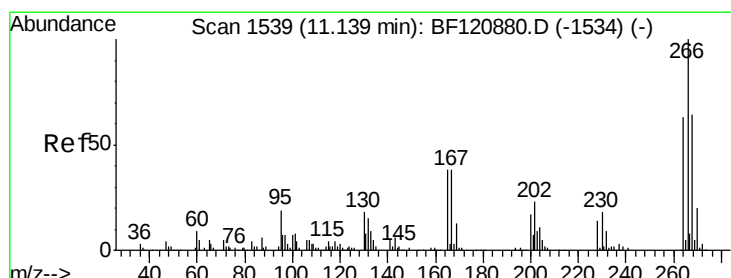
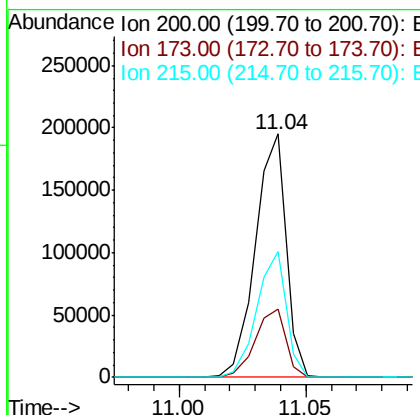
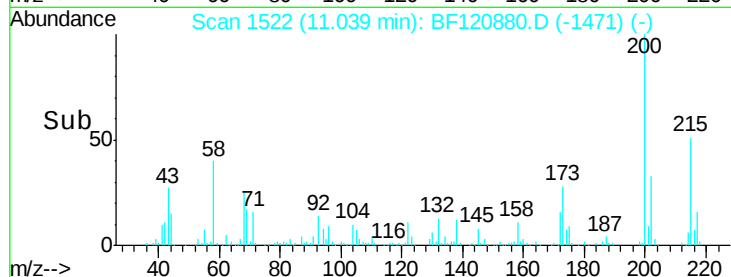
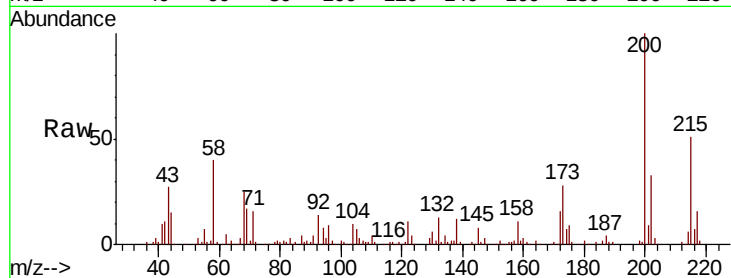




#69
 Atrazine
 Concen: 35.417 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: BF120880.D
 Acq: 16 Jul 2020 11:42

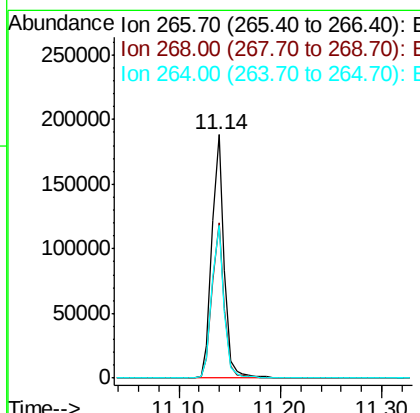
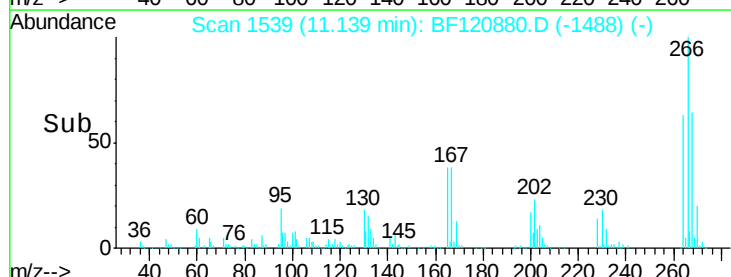
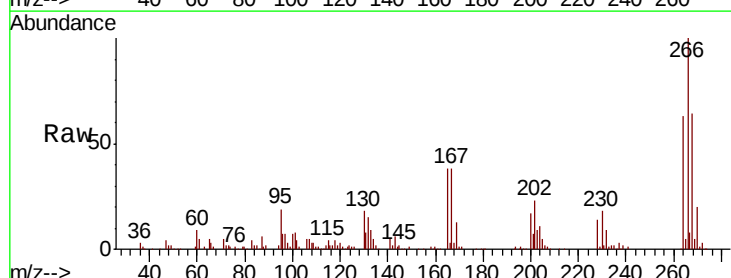
Instrument :
 BNA_P
 ClientSampled :

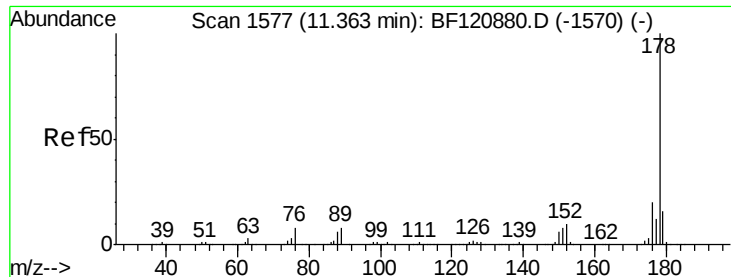
Tot Ion:200 Resp: 165240
 Ion Ratio Lower Upper
 200 100
 173 28.0 8.0 48.0
 215 51.5 31.5 71.5



#70
 Pentachlorophenol
 Concen: 42.878 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF120880.D
 Acq: 16 Jul 2020 11:42

Tgt Ion:266 Resp: 159555
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.1 76.7
 264 62.7 50.2 75.2

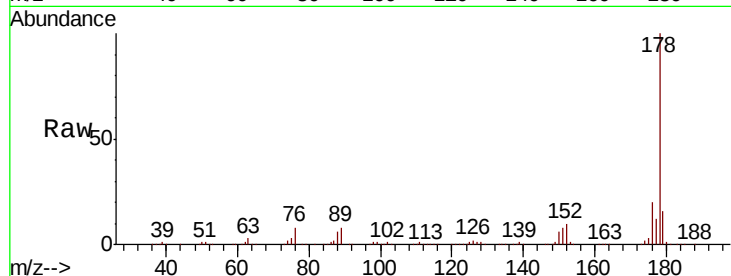




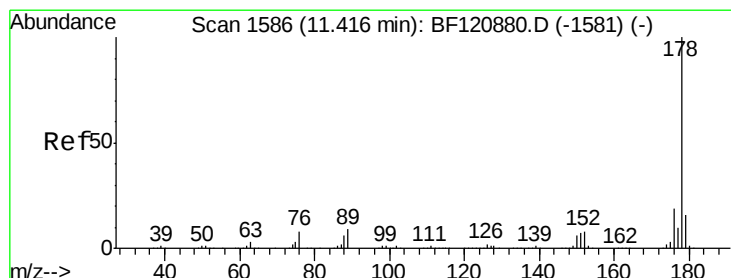
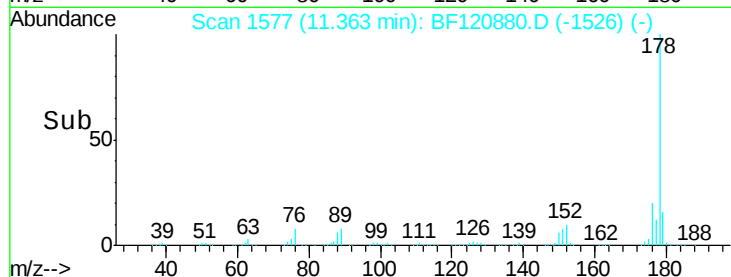
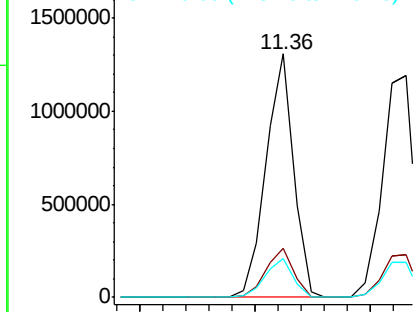
#71
Phenanthrene
Concen: 37.208 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

Instrument :
BNA_P
ClientSampleId :

Tot Ion:178 Resp: 1090817
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 16.0 12.8 19.2

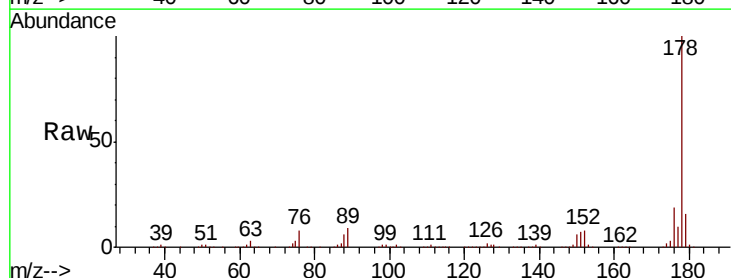


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

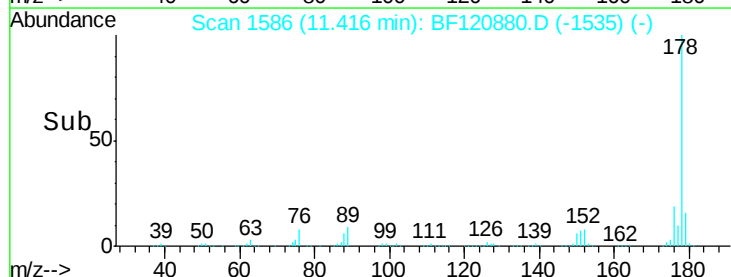
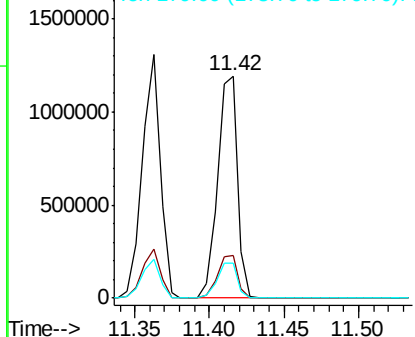


#72
Anthracene
Concen: 37.611 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

Tgt Ion:178 Resp: 1114227
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 16.0 12.8 19.2



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

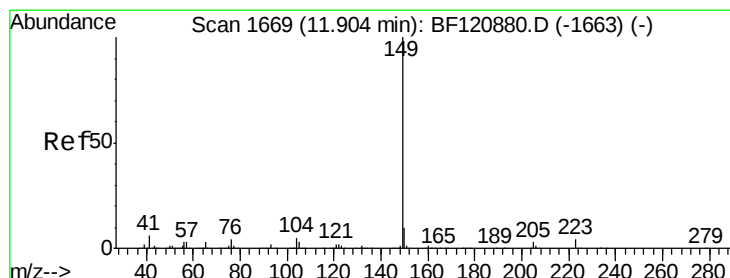
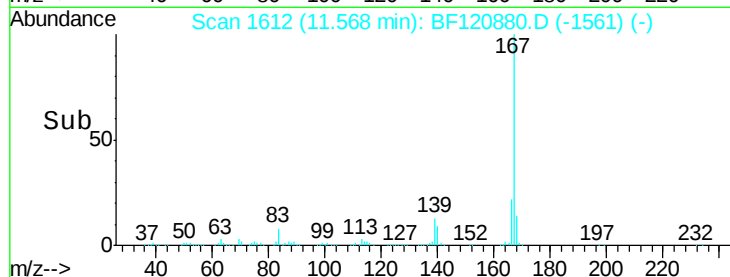
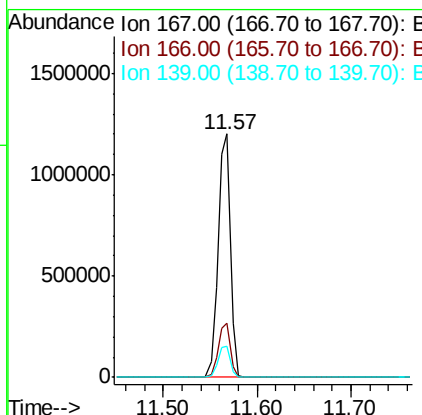
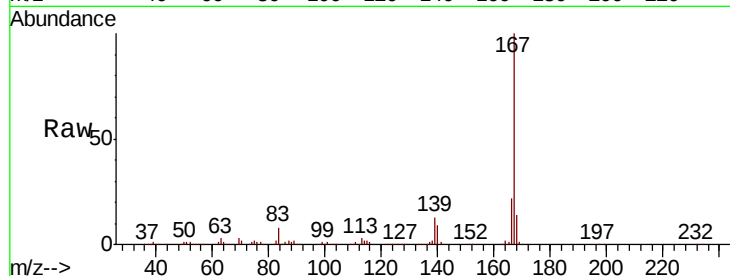




#73
 Carbazole
 Concen: 38.705 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF120880.D
 Acq: 16 Jul 2020 11:42

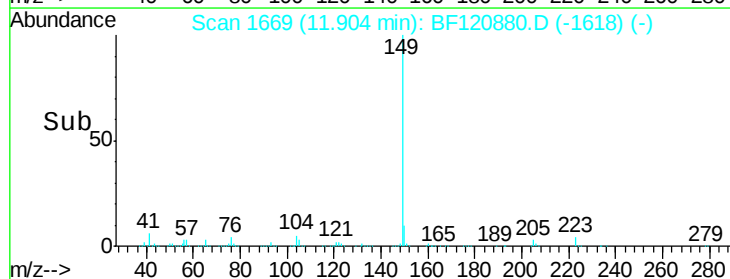
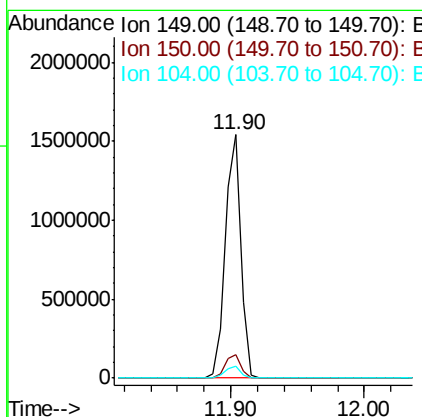
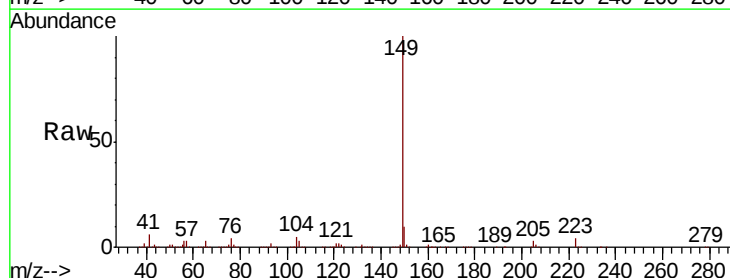
Instrument :
 BNA_P
 ClientSampleId :

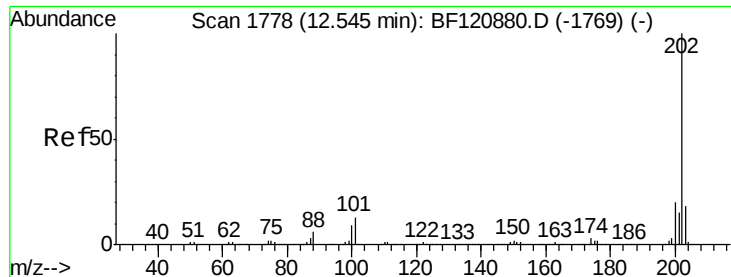
Tot Ion:167 Resp: 1101900
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 12.6 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 36.044 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120880.D
 Acq: 16 Jul 2020 11:42

Tgt Ion:149 Resp: 1270409
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.6
 104 4.7 3.8 5.6





#75

Fluoranthene

Concen: 39.235 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

Instrument :

BNA_P

ClientSampleId :

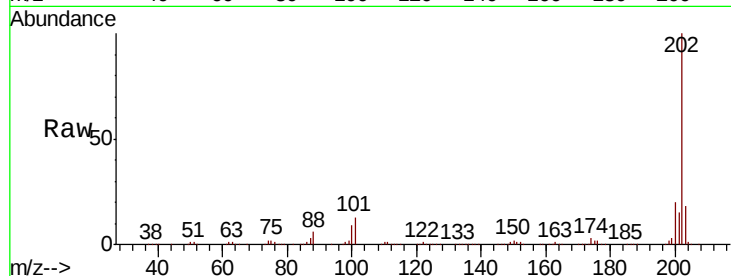
Tot Ion:202 Resp: 1225326

Ion Ratio Lower Upper

202 100

101 12.7 0.0 32.7

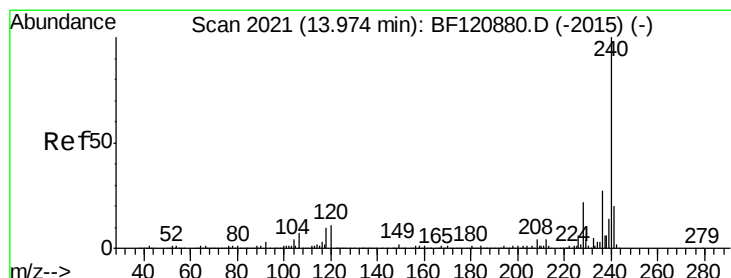
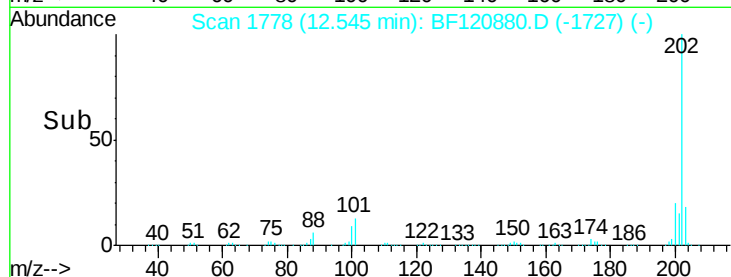
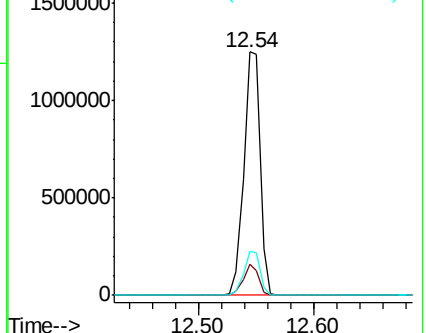
203 18.0 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

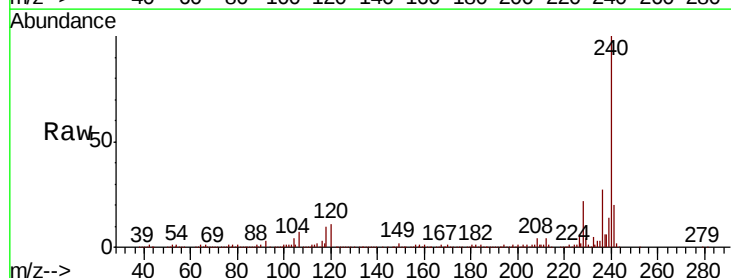
Tgt Ion:240 Resp: 452344

Ion Ratio Lower Upper

240 100

120 11.2 9.0 13.4

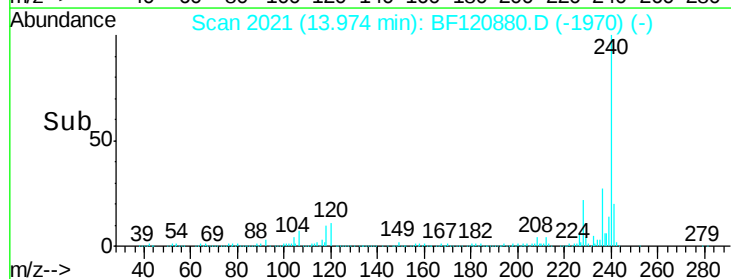
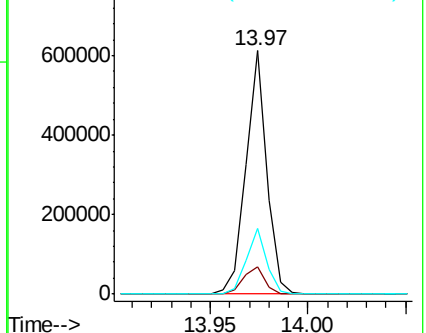
236 27.1 21.7 32.5

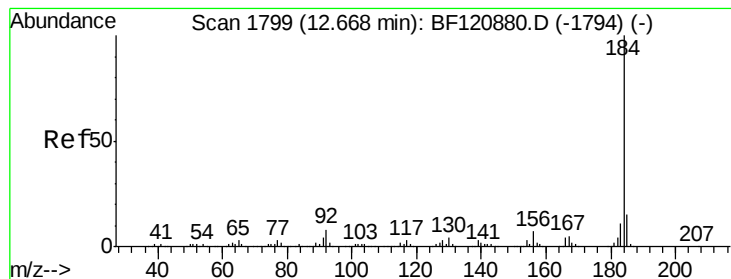


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.936 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

Instrument :

BNA_P

ClientSampleId :

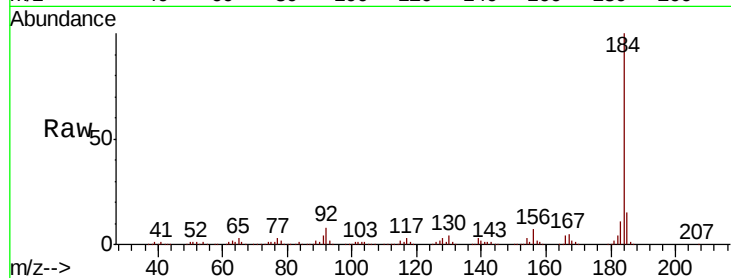
Tot Ion:184 Resp: 509892

Ion Ratio Lower Upper

184 100

185 15.2 12.2 18.2

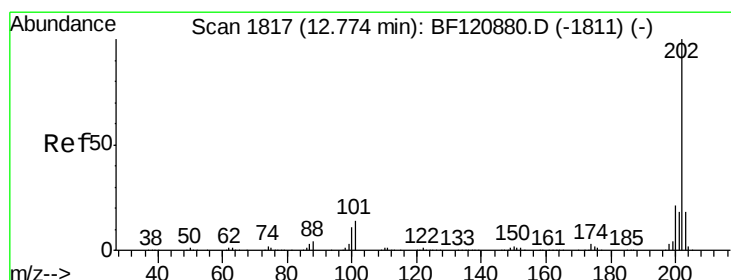
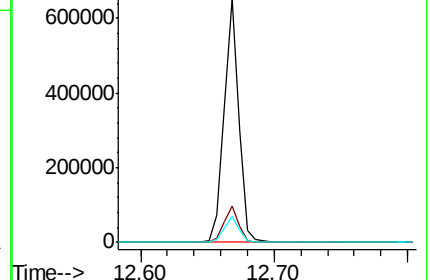
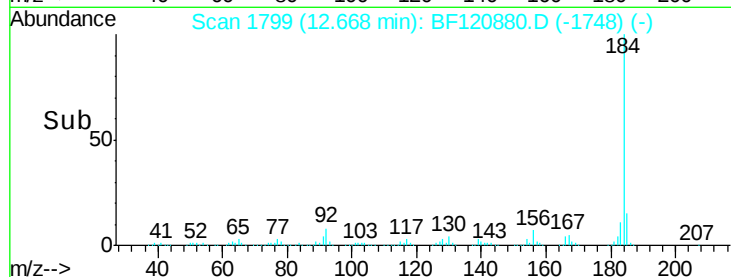
183 10.6 8.5 12.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.154 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

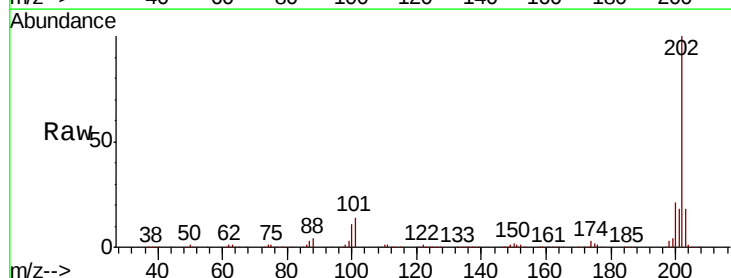
Tgt Ion:202 Resp: 1270016

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

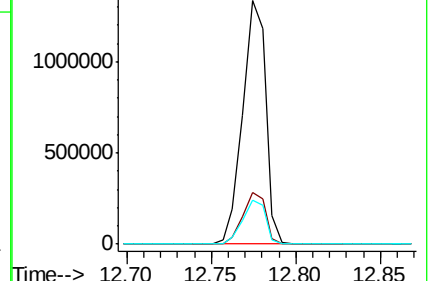
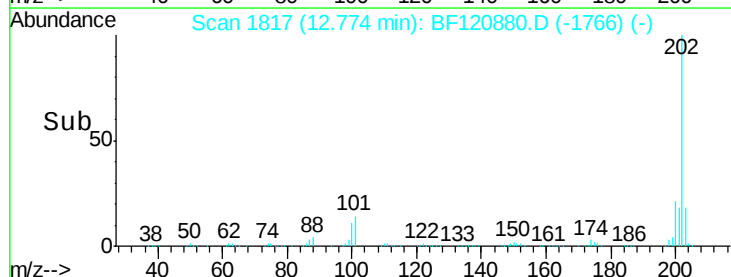
203 18.0 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

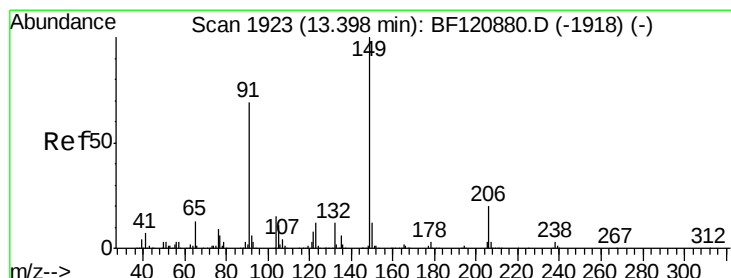
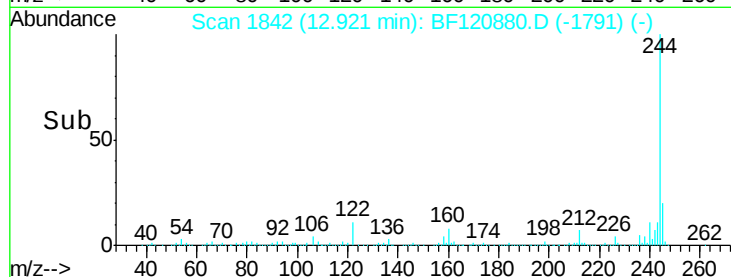
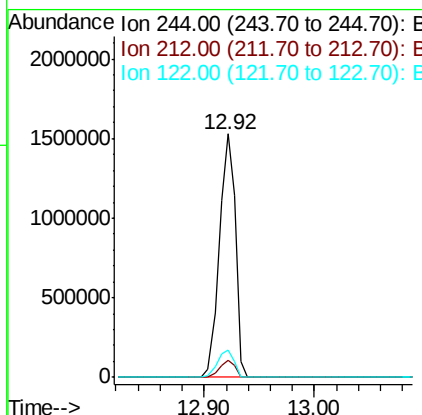
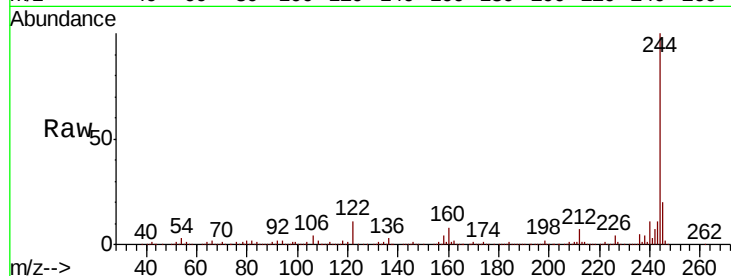




#79
 Terphenyl-d14
 Concen: 66.701 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF120880.D
 Acq: 16 Jul 2020 11:42

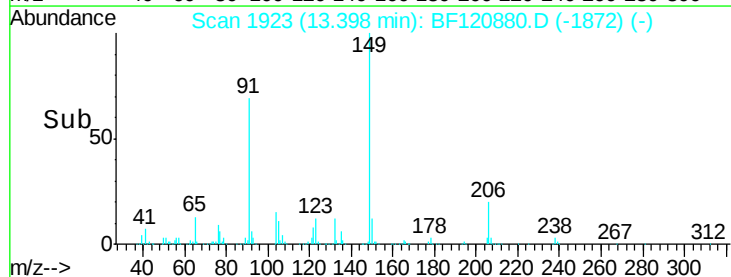
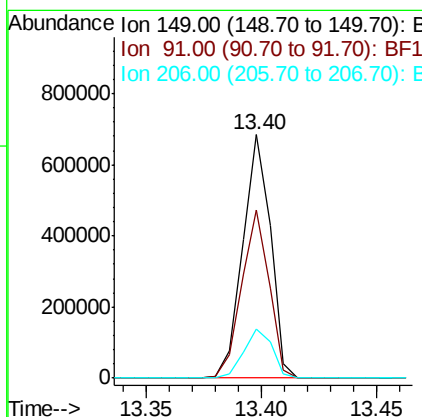
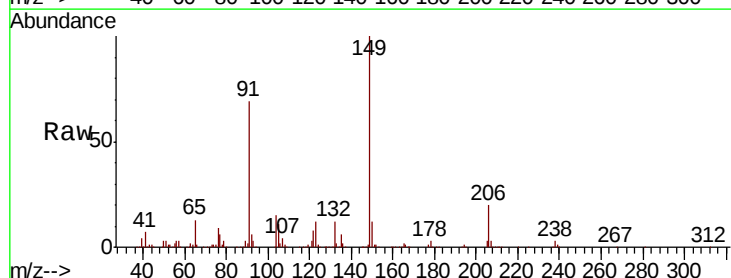
Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:244 Resp: 1541048
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.1 8.9 13.3



#80
 Butylbenzylphthalate
 Concen: 36.957 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BF120880.D
 Acq: 16 Jul 2020 11:42

Tgt Ion:149 Resp: 576427
 Ion Ratio Lower Upper
 149 100
 91 68.9 55.1 82.7
 206 20.1 16.1 24.1





#81

Benzo(a)anthracene

Concen: 36.424 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

Instrument :

BNA_P

ClientSampleId :

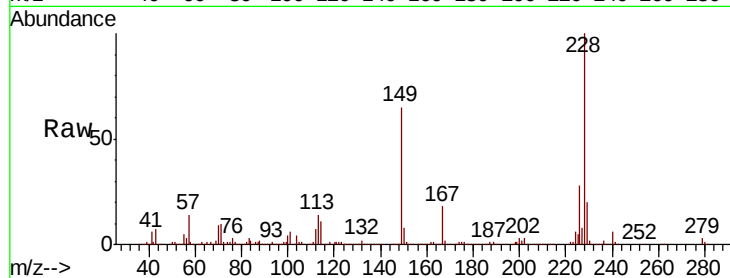
Tot Ion:228 Resp: 1056148

Ion Ratio Lower Upper

228 100

226 27.9 22.3 33.5

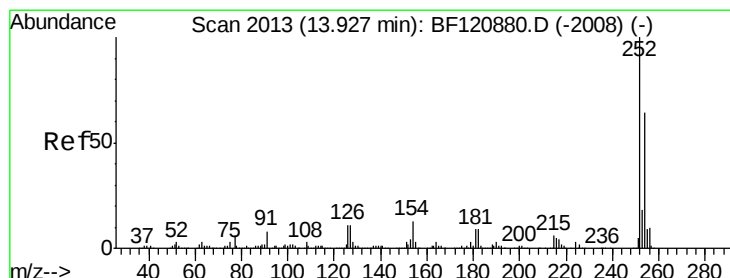
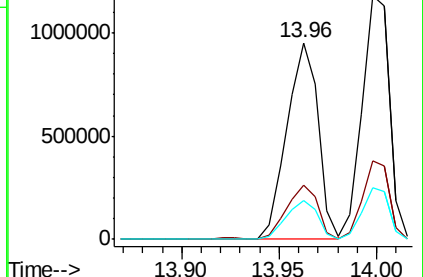
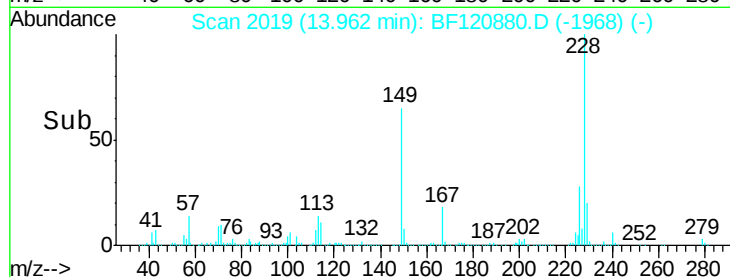
229 20.1 16.1 24.1



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: 41.983 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

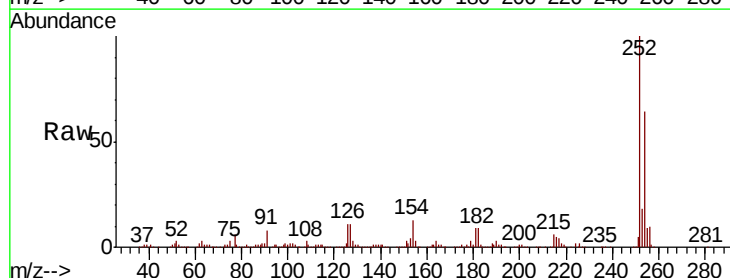
Tgt Ion:252 Resp: 410808

Ion Ratio Lower Upper

252 100

254 64.0 51.2 76.8

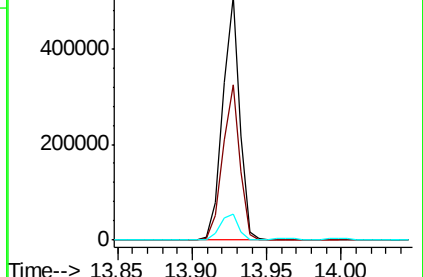
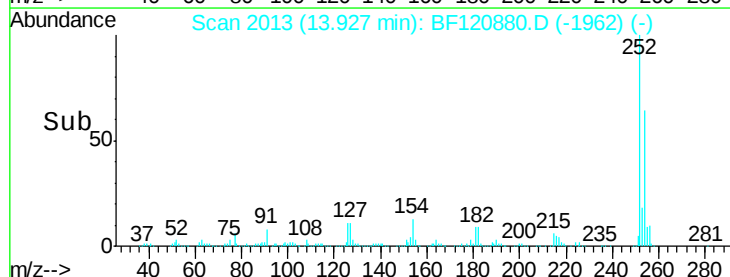
126 10.9 8.7 13.1

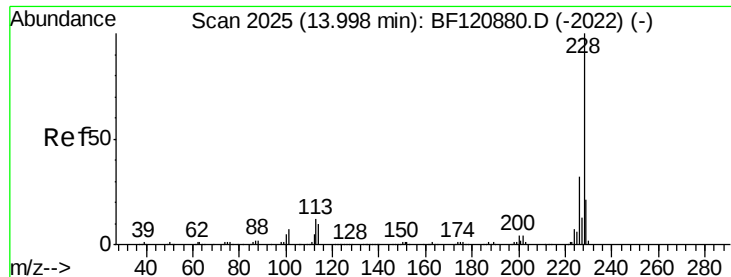


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 38.773 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

Instrument :

BNA_P

ClientSampleId :

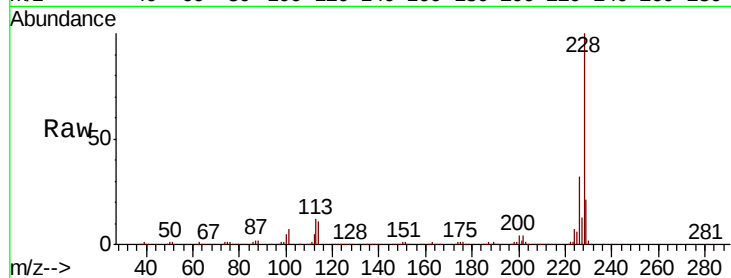
Tot Ion:228 Resp: 1146765

Ion Ratio Lower Upper

228 100

226 32.0 25.6 38.4

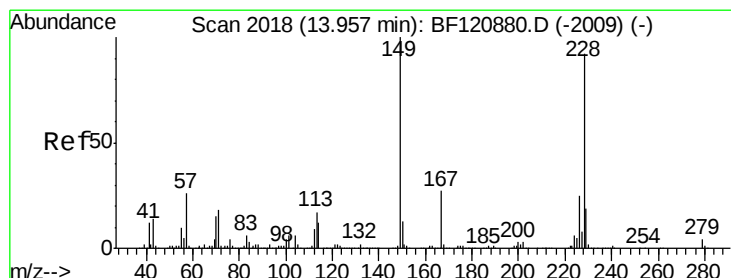
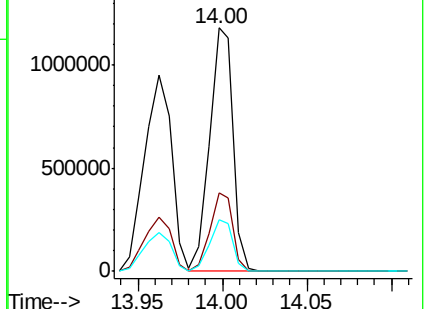
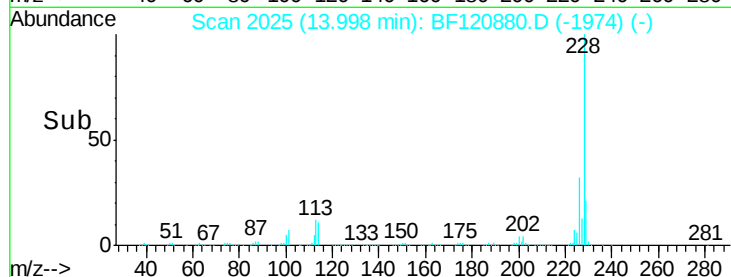
229 21.0 16.8 25.2



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: 34.044 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF120880.D

Acq: 16 Jul 2020 11:42

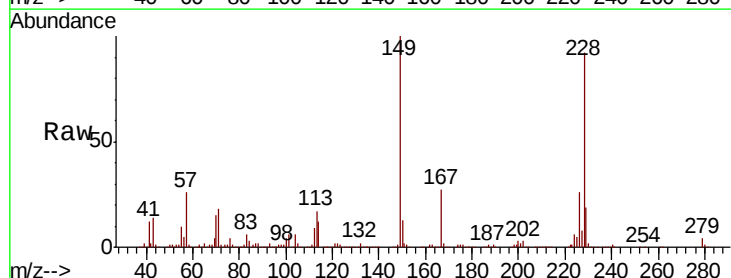
Tgt Ion:149 Resp: 696305

Ion Ratio Lower Upper

149 100

167 27.4 21.9 32.9

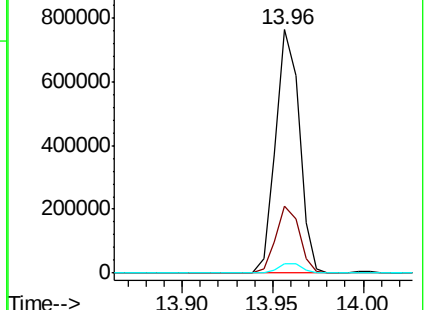
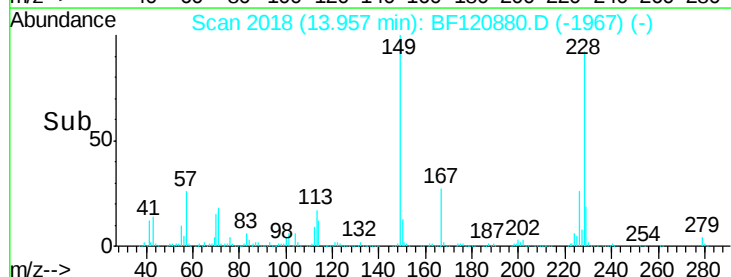
279 3.7 3.0 4.4



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

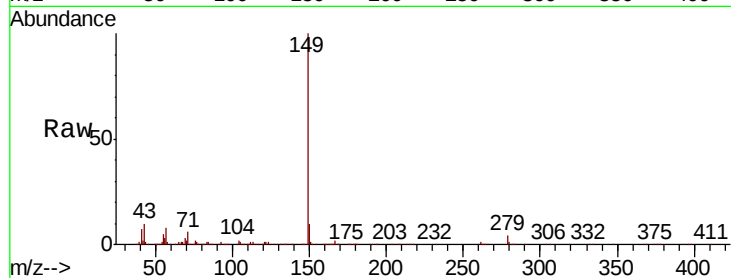




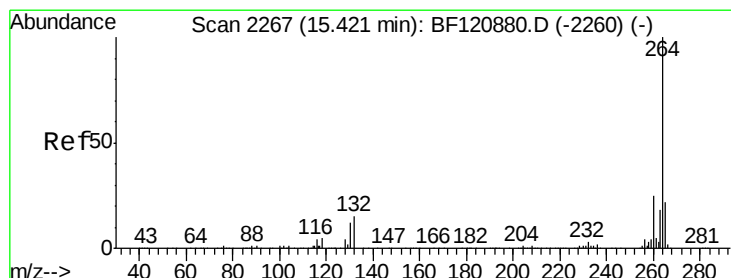
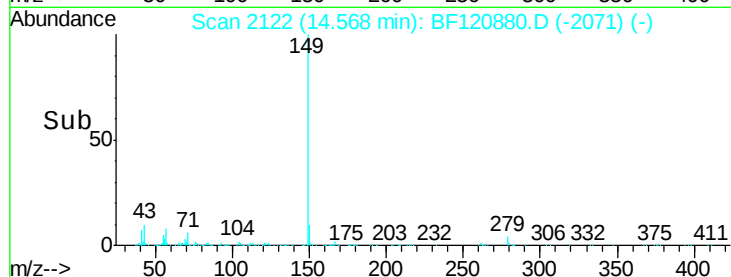
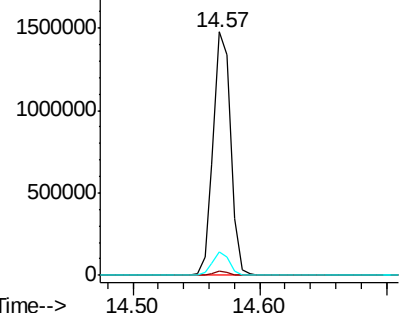
#85
Di-n-octyl phthalate
Concen: 39.086 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

Instrument :
BNA_P
ClientSampleId :

Tot Ion:149 Resp: 1414296
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.5 7.6 11.4

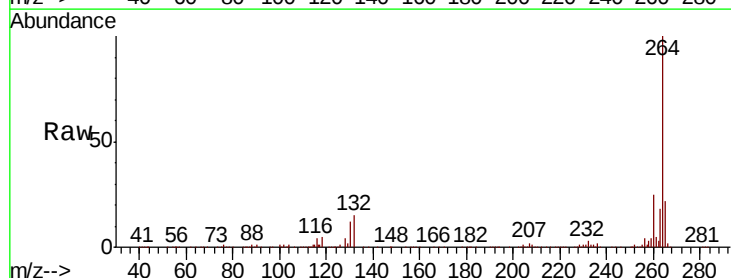


Abundance Ion 149.00 (148.70 to 149.70): E
2000000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

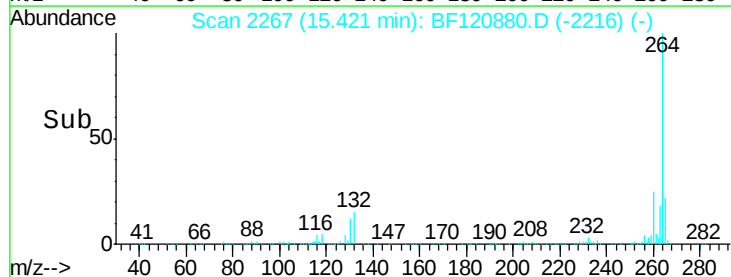
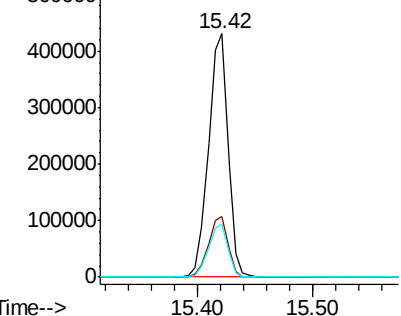


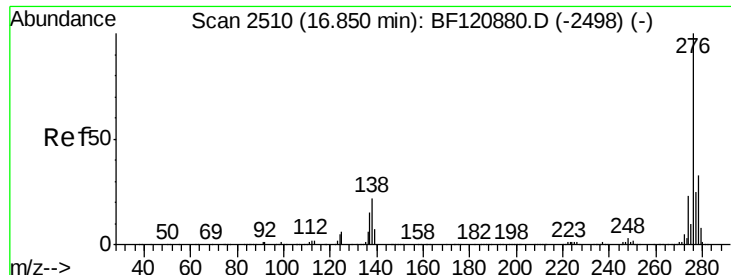
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

Tgt Ion:264 Resp: 504260
Ion Ratio Lower Upper
264 100
260 25.0 20.0 30.0
265 21.8 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E
600000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



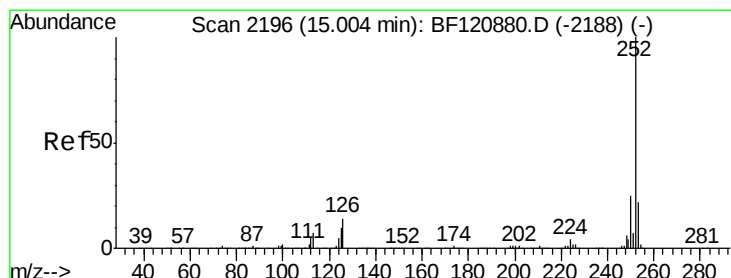
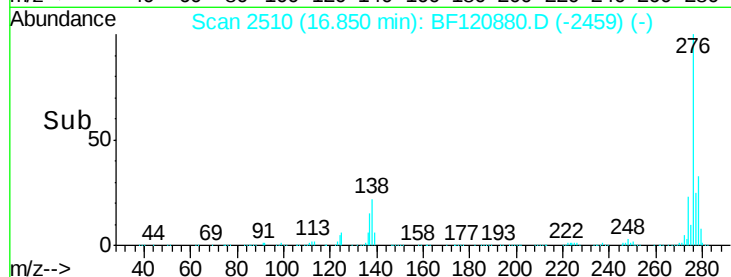
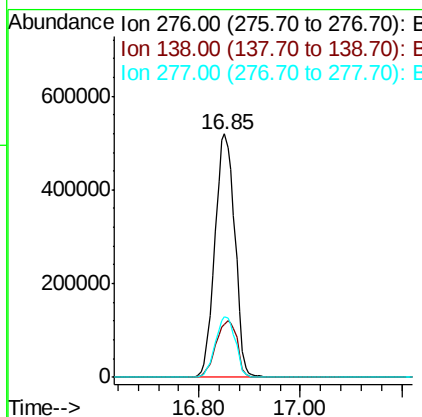
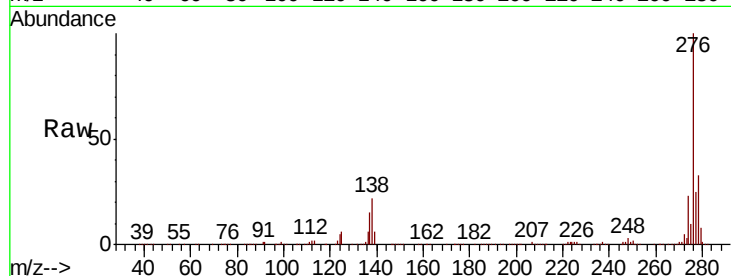


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.748 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BF120880.D
 Acq: 16 Jul 2020 11:42

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:276 Resp: 1414981

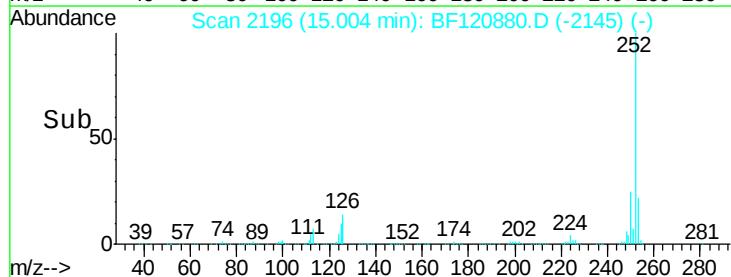
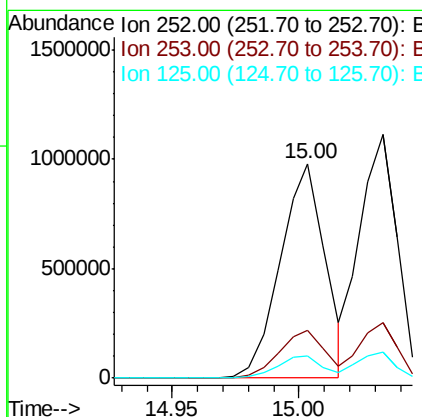
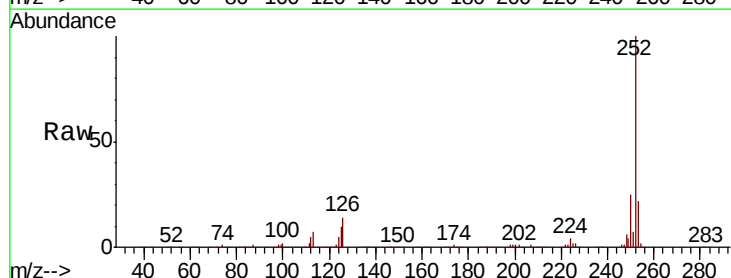
Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.8	29.8
277	25.2	20.2	30.2

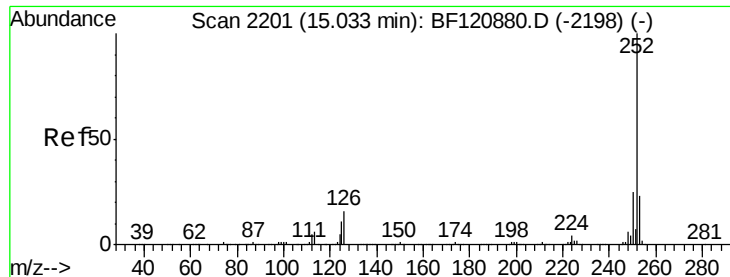


#88
 Benzo(b)fluoranthene
 Concen: 36.243 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF120880.D
 Acq: 16 Jul 2020 11:42

Tgt Ion:252 Resp: 1201511

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.4	8.3	12.5

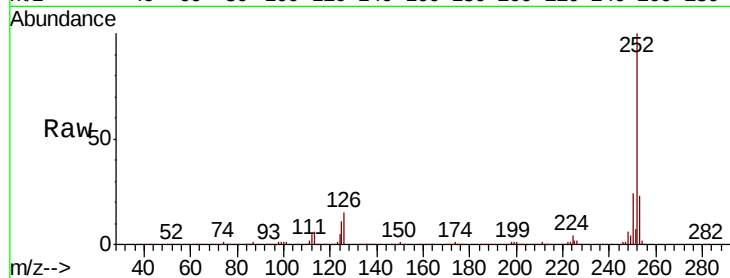




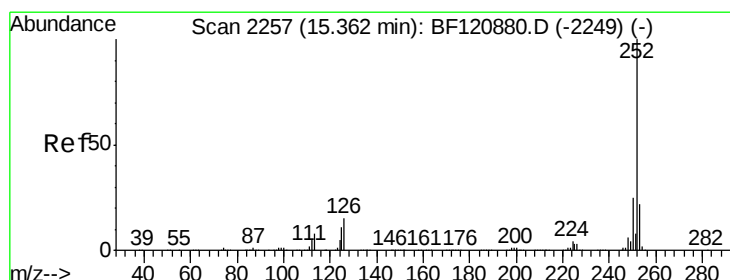
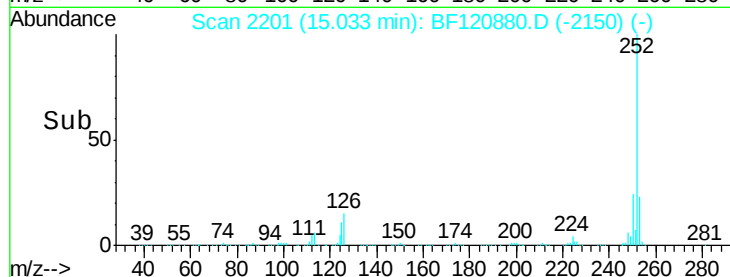
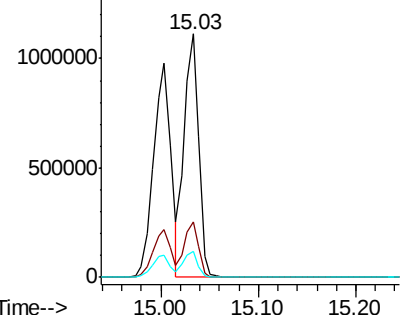
#89
Benzo(k)fluoranthene
Concen: 35.637 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

Instrument :
BNA_P
ClientSampled :

Tot Ion:252 Resp: 1149581
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 10.5 8.4 12.6

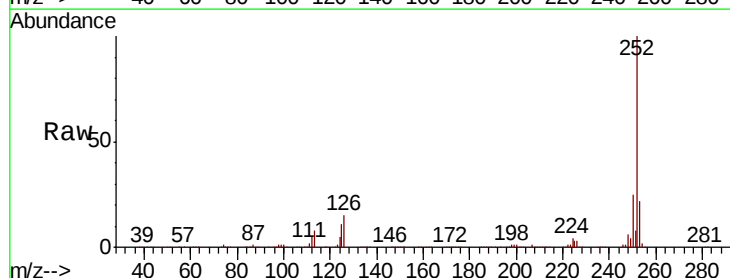


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

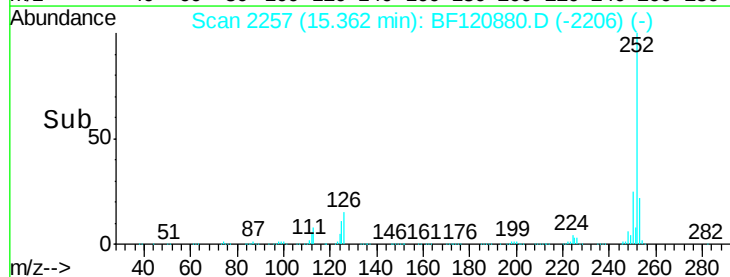
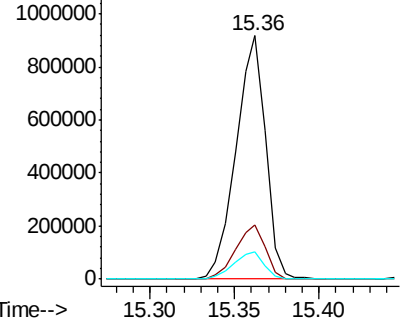


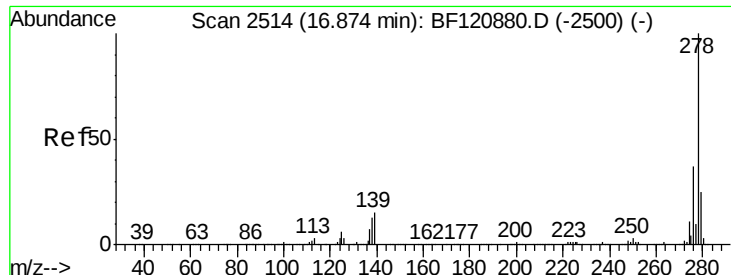
#90
Benzo(a)pyrene
Concen: 37.956 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

Tgt Ion:252 Resp: 1122471
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 11.1 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

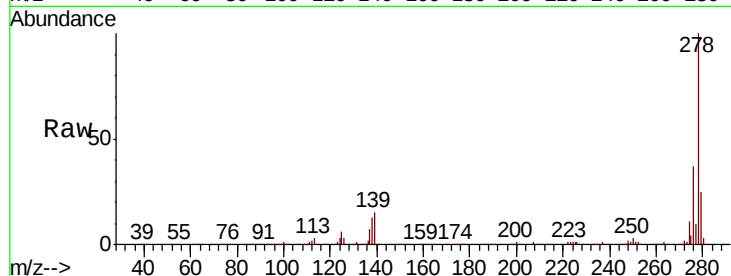




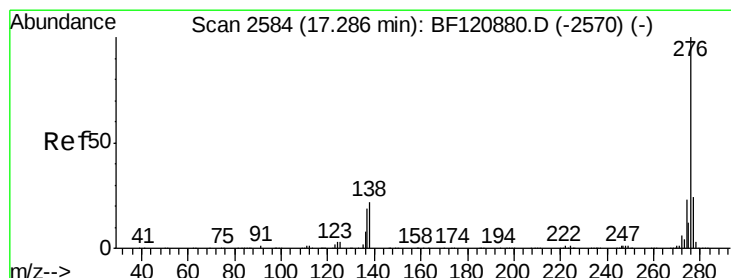
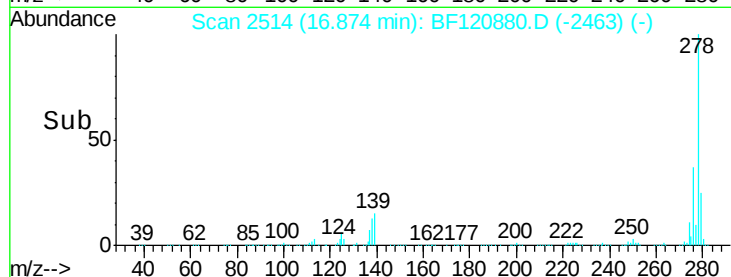
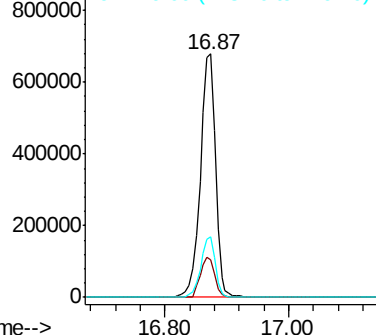
#91
Dibenzo(a,h)anthracene
Concen: 43.003 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

Instrument :
BNA_P
ClientSampleId :

Tot Ion:278 Resp: 1159255
Ion Ratio Lower Upper
278 100
139 15.4 12.3 18.5
279 25.1 20.1 30.1

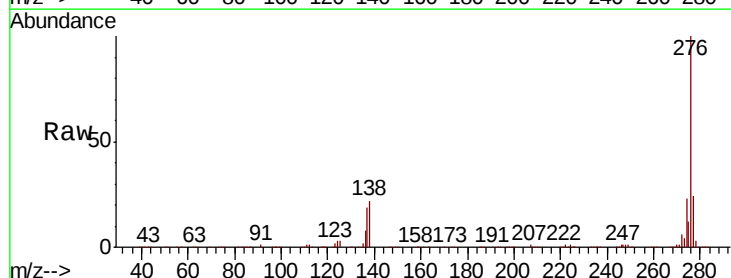


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.959 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BF120880.D
Acq: 16 Jul 2020 11:42

Tgt Ion:276 Resp: 1132321
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 21.9 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

