

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070620\
 Data File : BF120772.D
 Acq On : 6 Jul 2020 15:16
 Operator : JU/CG
 Sample : L2182-07
 Misc : LOD-MDL-WATER-01-4PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 06 15:47:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 06 15:38:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	136549	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	510367	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	252731	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	452705	20.00	ng	0.00
76) Chrysene-d12	14.00	240	349217	20.00	ng	0.00
86) Perylene-d12	15.47	264	298059	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	985159	111.37	ng	0.00
7) Phenol-d6	6.47	99	1204961	106.67	ng	0.00
23) Nitrobenzene-d5	7.41	82	1020773	115.88	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	294102	115.83	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1751241	104.84	ng	0.00
79) Terphenyl-d14	12.96	244	1730272	97.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	15456	3.825	ng	98
3) Pyridine	3.39	79	33831	3.057	ng	99
4) n-Nitrosodimethylamine	3.27	42	20200	3.648	ng	89
6) Aniline	6.51	93	55344	3.815	ng	96
8) 2-Chlorophenol	6.63	128	35683	3.789	ng	91
9) Benzaldehyde	6.39	77	30075	4.476	ng	98
10) Phenol	6.48	94	45941	3.953	ng	91
11) bis(2-Chloroethyl)ether	6.58	93	35118	3.714	ng	98
12) 1,3-Dichlorobenzene	6.79	146	39654	3.825	ng	93
13) 1,4-Dichlorobenzene	6.86	146	39616	3.816	ng	99
14) 1,2-Dichlorobenzene	7.02	146	37731	3.820	ng	96
15) Benzyl Alcohol	6.98	79	30217	3.560	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	53167	3.605	ng	99
17) 2-Methylphenol	7.09	107	28840	3.423	ng	96
18) Hexachloroethane	7.36	117	14479	3.710	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	25726	3.782	ng	95
20) 3+4-Methylphenols	7.24	107	35182	3.390	ng	95
22) Acetophenone	7.25	105	53668	4.231	ng	94
24) Nitrobenzene	7.43	77	42557	4.303	ng	98
25) Isophorone	7.66	82	67790	3.568	ng	100
26) 2-Nitrophenol	7.74	139	7873	2.178	ng	# 87
27) 2,4-Dimethylphenol	7.77	122	29976	3.953	ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	42959	3.821	ng	# 96
29) 2,4-Dichlorophenol	7.97	162	24500	3.236	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	30111	3.541	ng	98
31) Naphthalene	8.15	128	107183	3.930	ng	98
32) Benzoic acid	7.82	122	6798	1.656	ng	94
33) 4-Chloroaniline	8.20	127	40122	3.467	ng	97
34) Hexachlorobutadiene	8.27	225	16624	3.251	ng	98
35) Caprolactam	8.52	113	7184	3.257	ng	94
36) 4-Chloro-3-methylphenol	8.66	107	25973	3.298	ng	97
37) 2-Methylnaphthalene	8.84	142	69030	3.893	ng	98
38) 1-Methylnaphthalene	8.94	142	62061	3.737	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	28952	3.790	ng	# 97

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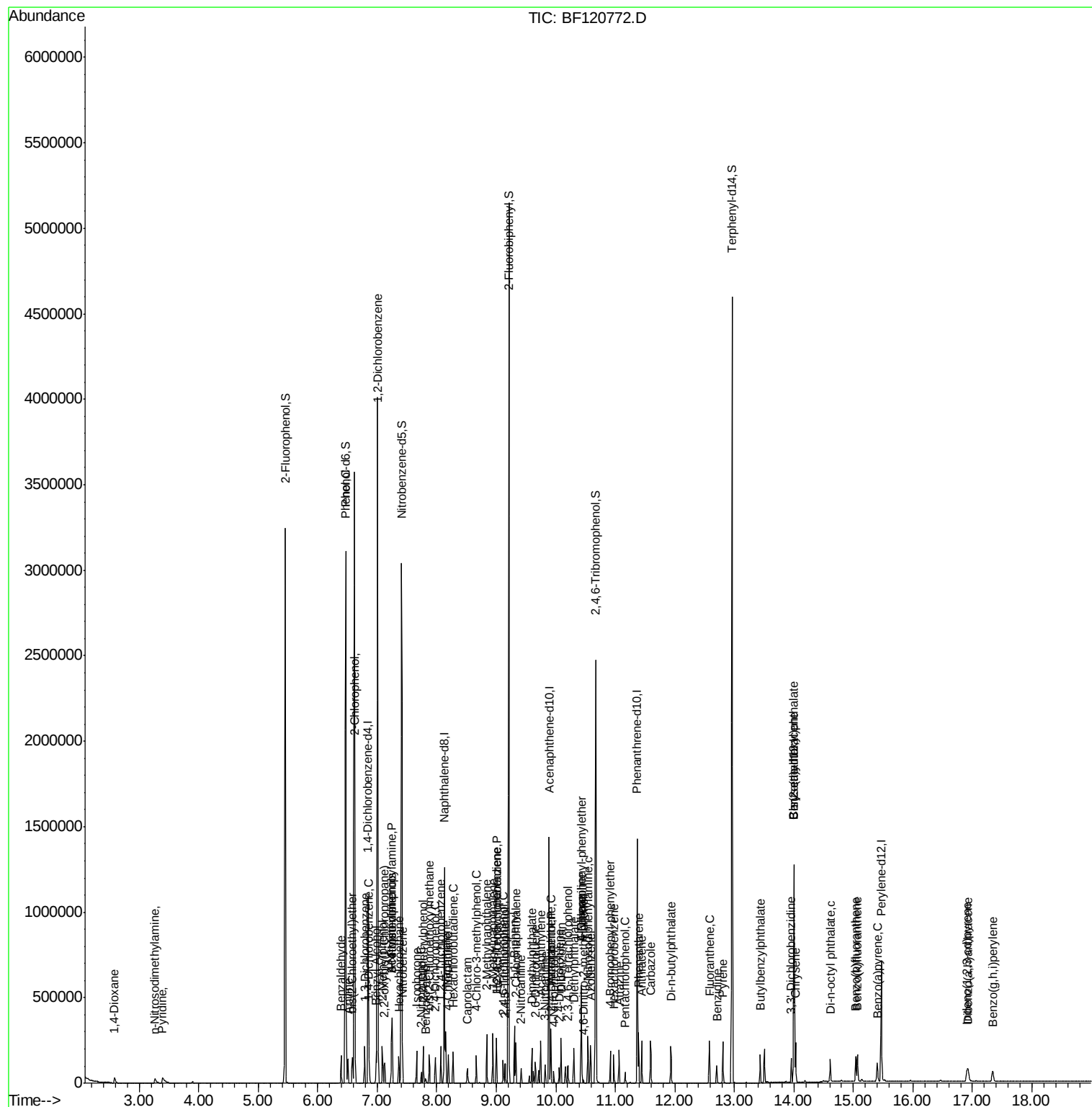
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	13565	3.006	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	14482	2.782	ng	92
44) 2,4,5-Trichlorophenol	9.15	196	16025	2.774	ng	97
46) 1,1'-Biphenyl	9.30	154	87943	4.314	ng	99
47) 2-Chloronaphthalene	9.33	162	58537	3.584	ng	96
48) 2-Nitroaniline	9.42	65	11917	2.727	ng	# 85
49) Acenaphthylene	9.75	152	95014	3.711	ng	96
50) Dimethylphthalate	9.60	163	64935	3.522	ng	99
51) 2,6-Dinitrotoluene	9.66	165	9446	2.836	ng	# 82
52) Acenaphthene	9.92	154	57319	3.608	ng	98
53) 3-Nitroaniline	9.82	138	11618	2.823	ng	# 87
54) 2,4-Dinitrophenol	9.93	184	979	0.890	ng	# 1
55) Dibenzofuran	10.09	168	86490	3.777	ng	98
56) 4-Nitrophenol	9.97	139	6726	2.225	ng	# 79
57) 2,4-Dinitrotoluene	10.06	165	9968	2.493	ng	# 80
58) Fluorene	10.43	166	66072	3.877	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	11824	2.751	ng	# 85
60) Diethylphthalate	10.30	149	66596	3.468	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	30712	3.585	ng	100
62) 4-Nitroaniline	10.43	138	10946	2.794	ng	97
63) Azobenzene	10.59	77	73914	3.762	ng	95
65) 4,6-Dinitro-2-methylphenol	10.46	198	1973	1.356	ng	86
66) n-Nitrosodiphenylamine	10.54	169	54498	3.592	ng	97
67) 4-Bromophenyl-phenylether	10.92	248	16358	3.115	ng	# 89
68) Hexachlorobenzene	10.97	284	18111	3.287	ng	# 81
69) Atrazine	11.06	200	15854	4.056	ng	98
70) Pentachlorophenol	11.17	266	6471	2.076	ng	# 86
71) Phenanthrene	11.39	178	94382	3.842	ng	98
72) Anthracene	11.44	178	94232	3.796	ng	98
73) Carbazole	11.59	167	84444	3.540	ng	98
74) Di-n-butylphthalate	11.93	149	91708	3.105	ng	98
75) Fluoranthene	12.58	202	91138	3.483	ng	97
77) Benzidine	12.70	184	37844	3.839	ng	# 95
78) Pyrene	12.81	202	95359	3.419	ng	96
80) Butylbenzylphthalate	13.43	149	27560	2.289	ng	86
81) Benzo(a)anthracene	14.00	228	82696	3.694	ng	98
82) 3,3'-Dichlorobenzidine	13.96	252	24109	3.191	ng	# 96
83) Chrysene	14.03	228	77436	3.391	ng	95
84) Bis(2-ethylhexyl)phthalate	14.00	149	47398	3.002	ng	98
85) Di-n-octyl phthalate	14.61	149	59048	2.114	ng	# 92
87) Indeno(1,2,3-cd)pyrene	16.91	276	56079	2.933	ng	96
88) Benzo(b)fluoranthene	15.04	252	63272	3.229	ng	96
89) Benzo(k)fluoranthene	15.07	252	68550	3.595	ng	96
90) Benzo(a)pyrene	15.40	252	52801	3.021	ng	98
91) Dibenzo(a,h)anthracene	16.93	278	46248	2.902	ng	# 93
92) Benzo(g,h,i)perylene	17.34	276	46175	3.171	ng	# 94

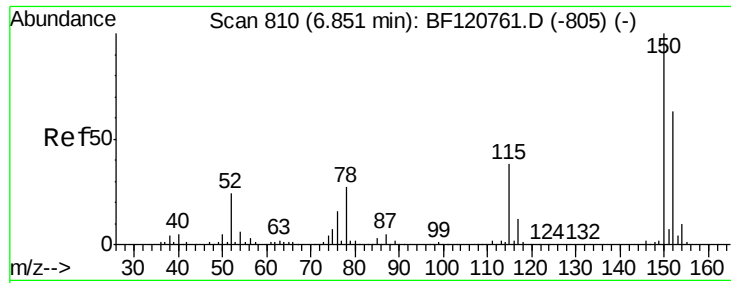
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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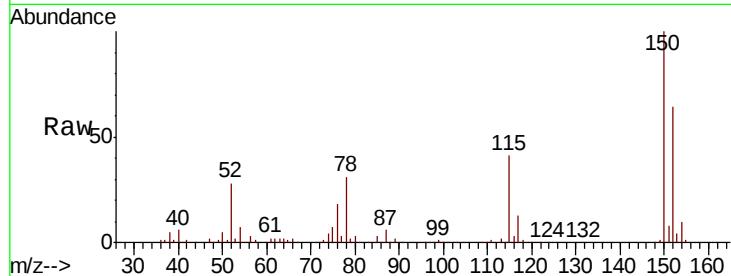


#1

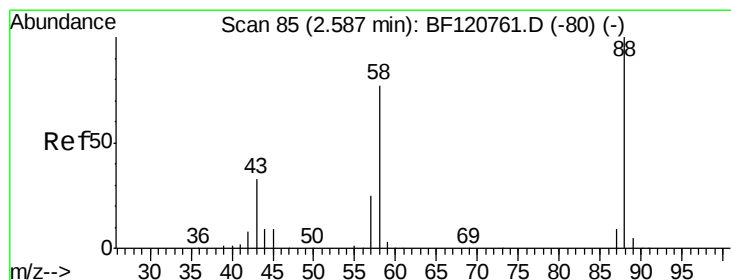
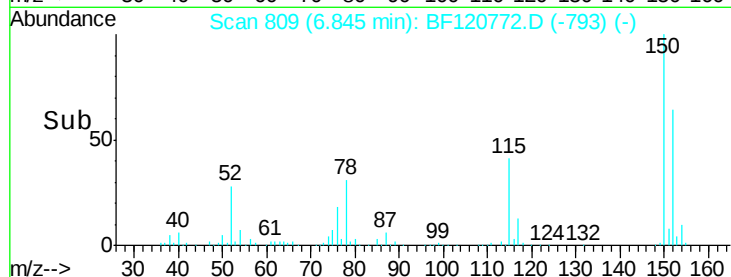
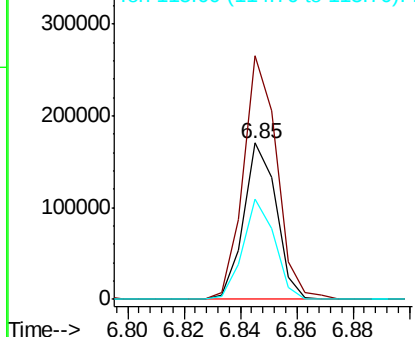
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF120772.D
Acq: 6 Jul 2020 15:16

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.1	189.1
115	63.8	48.5	72.7



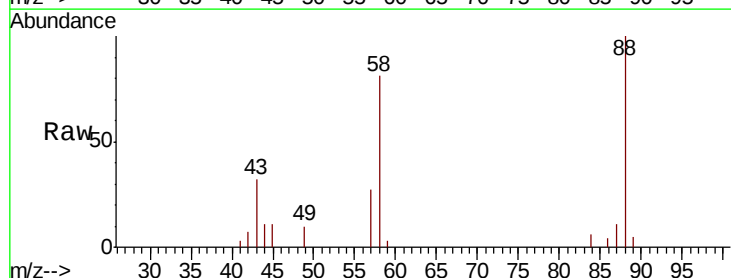
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



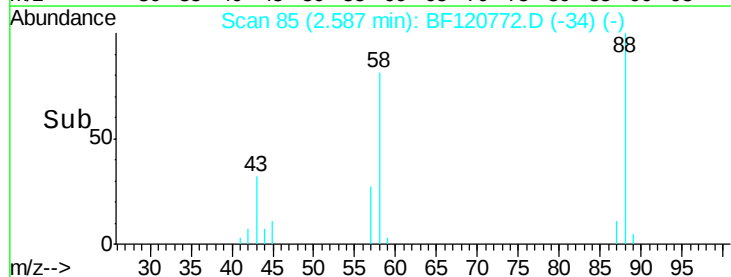
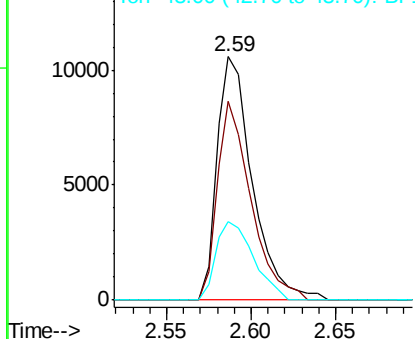
#2

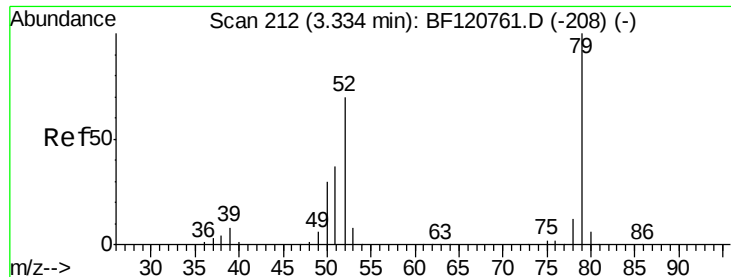
1,4-Dioxane
Concen: 3.825 ng
RT: 2.59 min Scan# 85
Delta R.T. -0.00 min
Lab File: BF120772.D
Acq: 6 Jul 2020 15:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.6	60.4	90.6
43	34.1	26.3	39.5



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





#3

Pvridine

Concen: 3.057 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.06 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

Instrument :

BNA_P

ClientSampled :

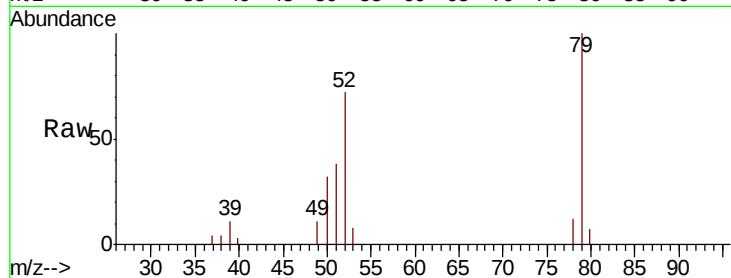
Tot Ion: 79 Resp: 33831

Ion Ratio Lower Upper

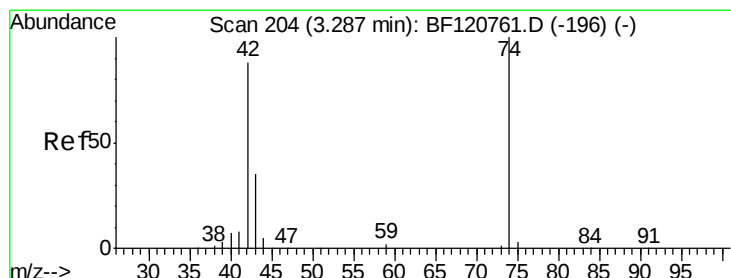
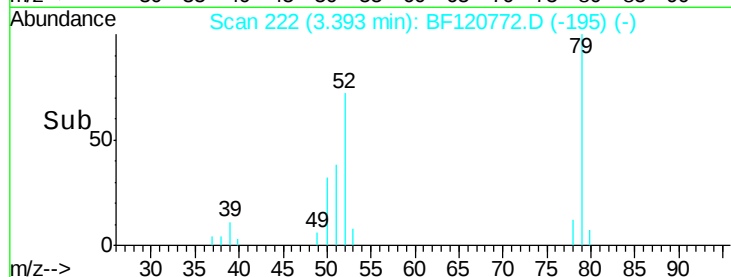
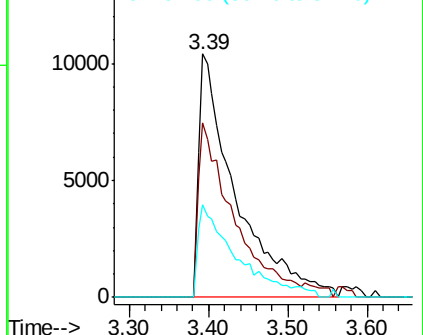
79 100

52 71.7 56.3 84.5

51 37.8 30.1 45.1



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 3.648 ng

RT: 3.27 min Scan# 201

Delta R.T. -0.02 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

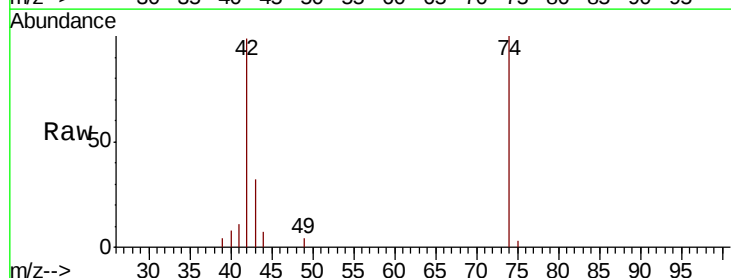
Tgt Ion: 42 Resp: 20200

Ion Ratio Lower Upper

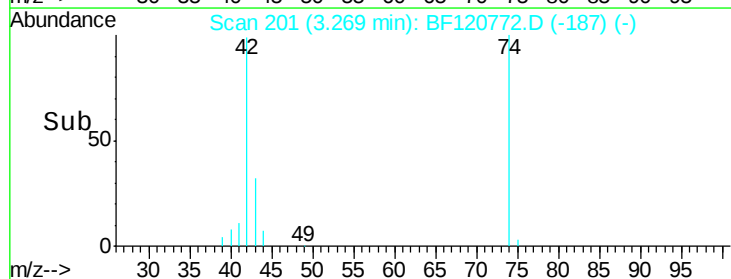
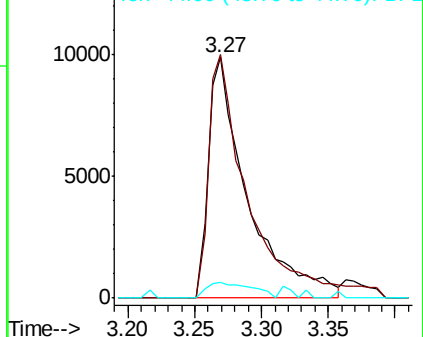
42 100

74 101.2 90.8 136.2

44 6.8 5.8 8.8



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 111.370 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

Instrument :

BNA_P

ClientSampled :

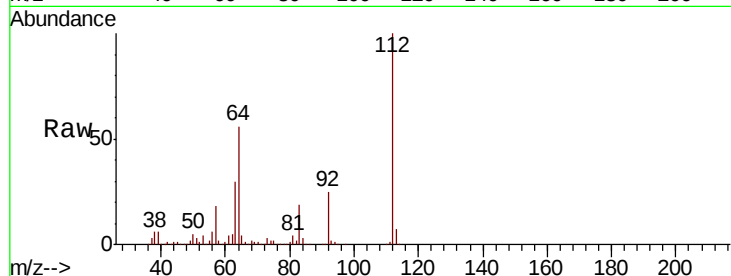
Tot Ion:112 Resp: 985159

Ion Ratio Lower Upper

112 100

64 55.7 43.8 65.6

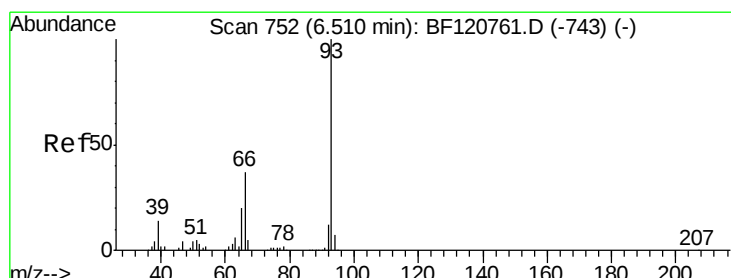
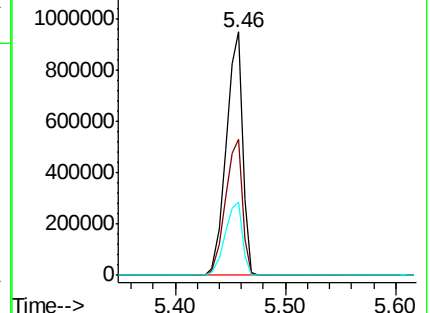
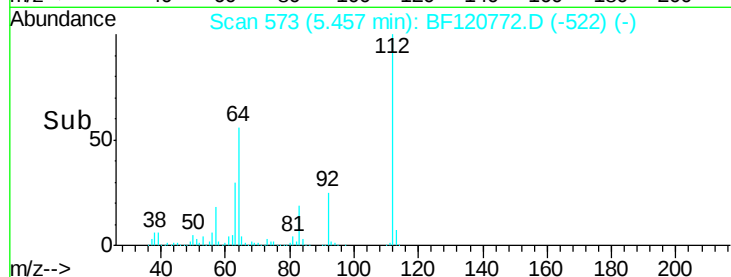
63 30.0 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 3.815 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

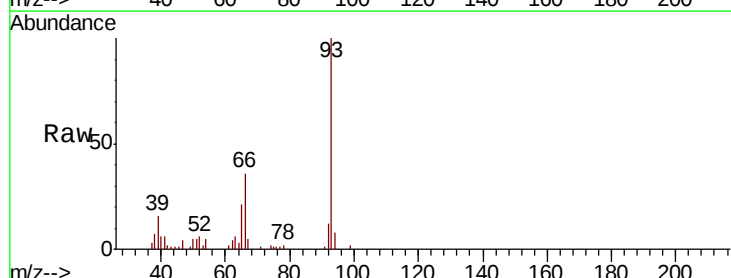
Tgt Ion: 93 Resp: 55344

Ion Ratio Lower Upper

93 100

66 35.8 31.3 46.9

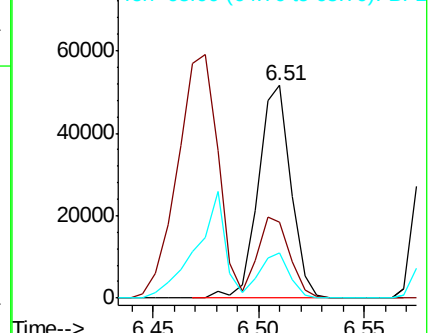
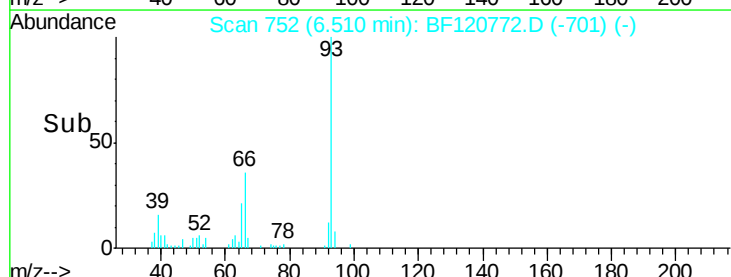
65 21.5 16.5 24.7

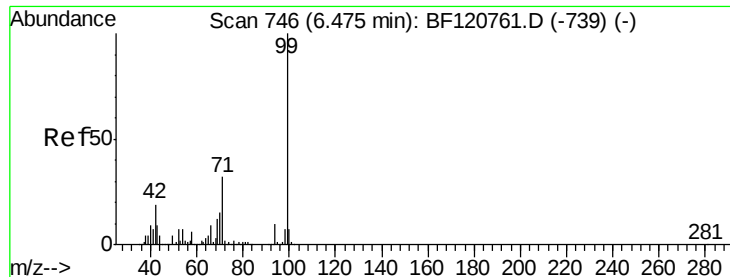


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.666 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

Instrument :

BNA_P

ClientSampled :

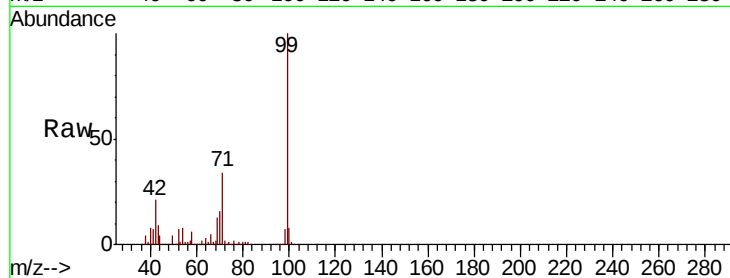
Tot Ion: 99 Resp: 1204961

Ion Ratio Lower Upper

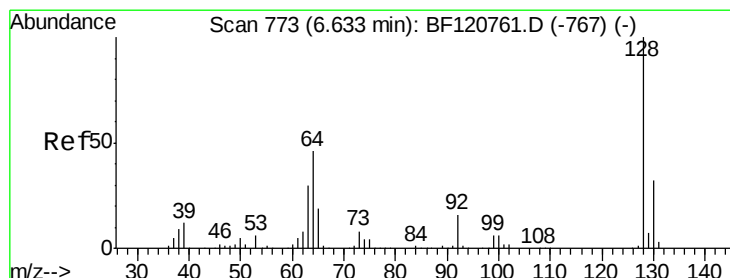
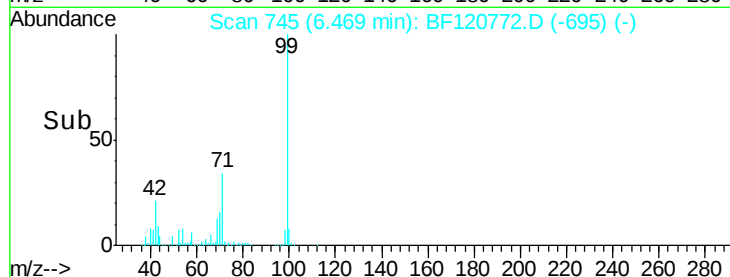
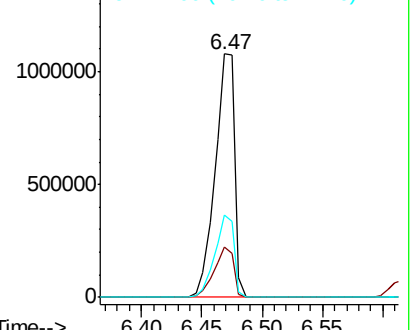
99 100

42 20.5 15.4 23.0

71 34.1 25.9 38.9



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 3.789 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

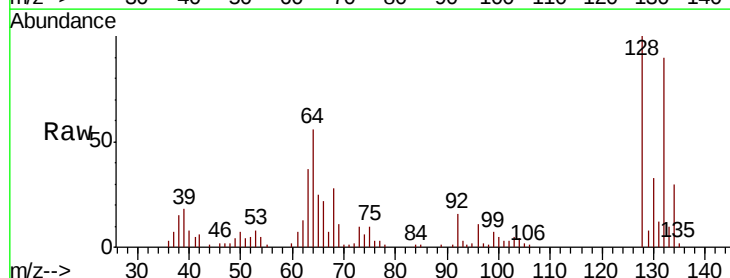
Tgt Ion: 128 Resp: 35683

Ion Ratio Lower Upper

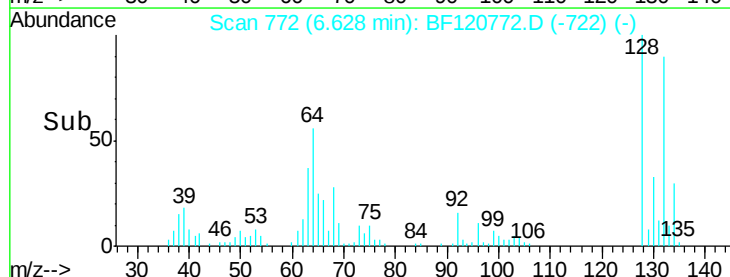
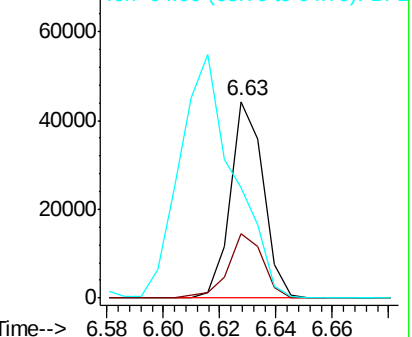
128 100

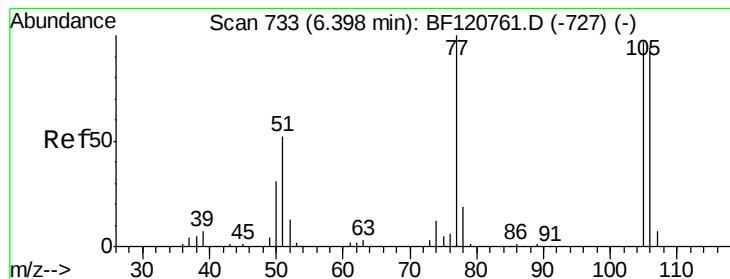
130 32.8 12.1 52.1

64 56.1 26.3 66.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 4.476 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

Instrument :

BNA_P

ClientSampleId :

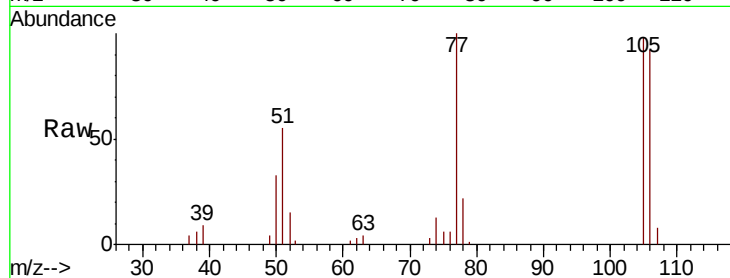
Tot Ion: 77 Resp: 30075

Ion Ratio Lower Upper

77 100

105 97.9 76.8 116.8

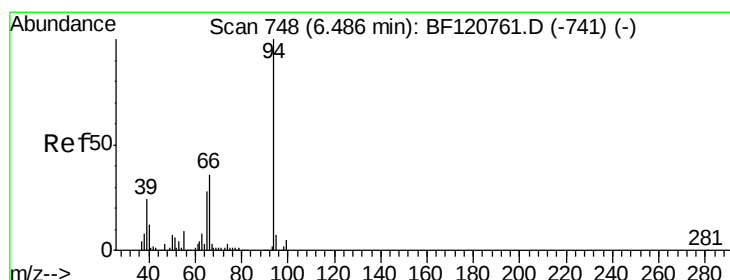
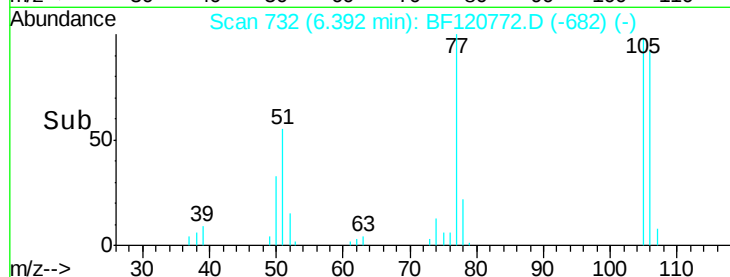
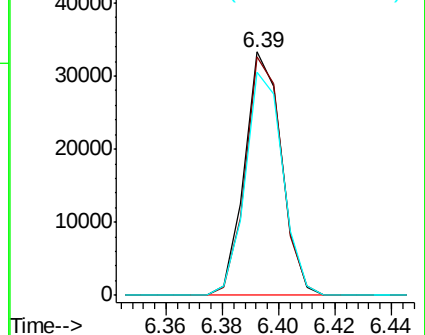
106 91.7 73.8 113.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 3.953 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

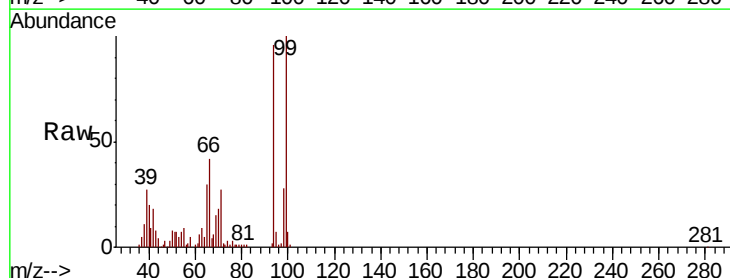
Tgt Ion: 94 Resp: 45941

Ion Ratio Lower Upper

94 100

65 31.3 8.4 48.4

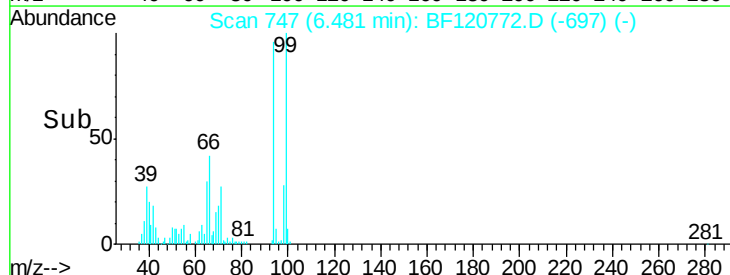
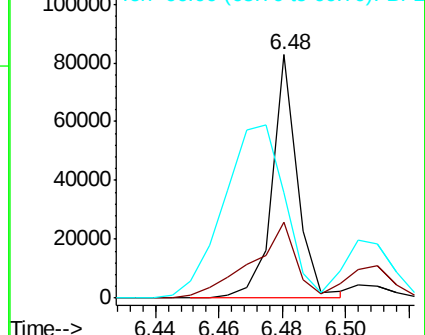
66 43.1 16.5 56.5

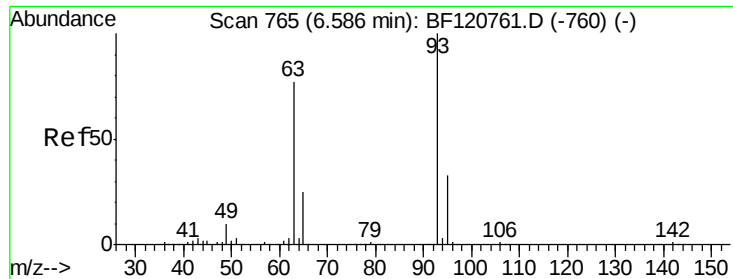


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

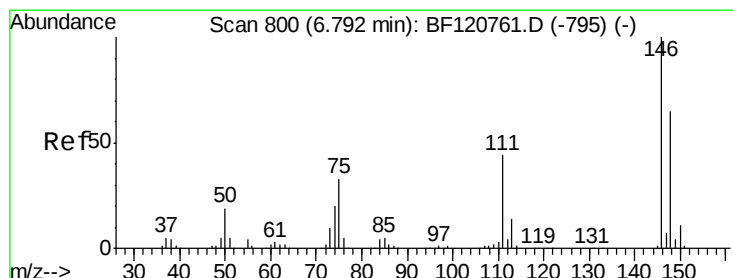
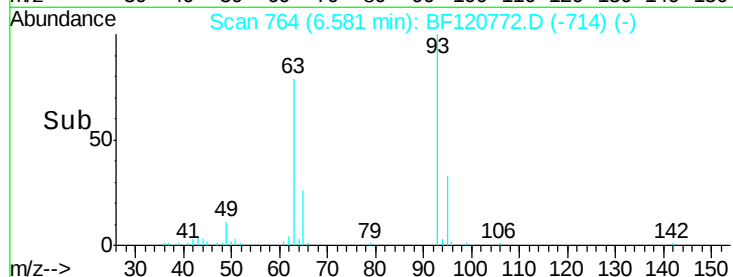
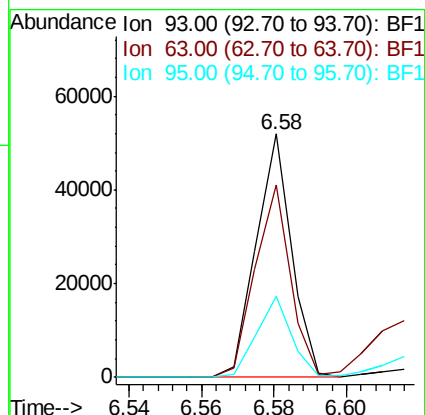
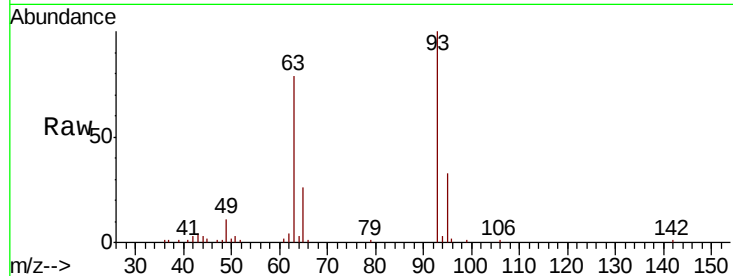




#11
bis(2-Chloroethyl)ether
Concen: 3.714 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF120772.D
Acq: 6 Jul 2020 15:16

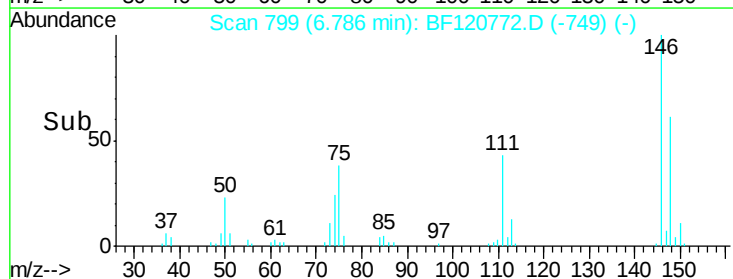
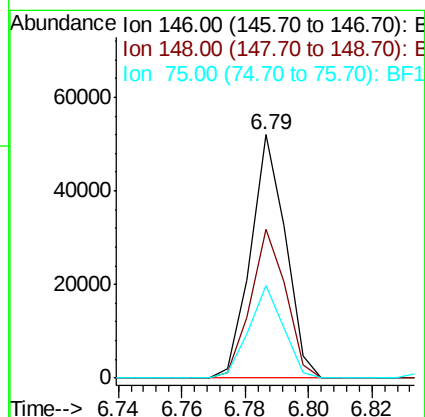
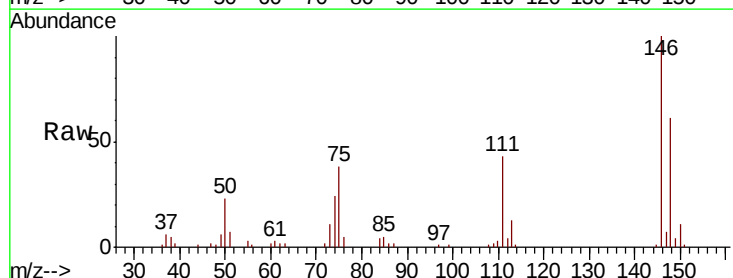
Instrument :
BNA_P
ClientSampleId :

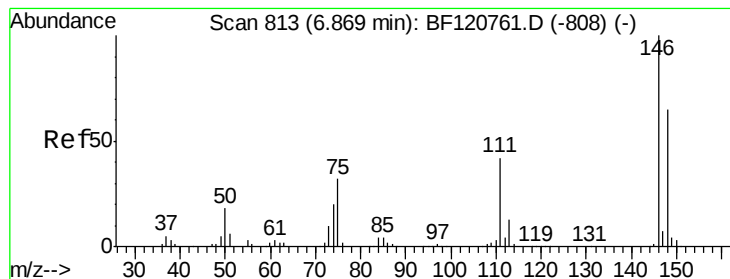
Tot Ion: 93 Resp: 35118
Ion Ratio Lower Upper
93 100
63 79.1 56.9 96.9
95 33.3 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 3.825 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF120772.D
Acq: 6 Jul 2020 15:16

Tgt Ion: 146 Resp: 39654
Ion Ratio Lower Upper
146 100
148 61.1 52.1 78.1
75 38.0 26.0 39.0





#13

1,4-Dichlorobenzene

Concen: 3.816 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

Instrument :

BNA_P

ClientSampleId :

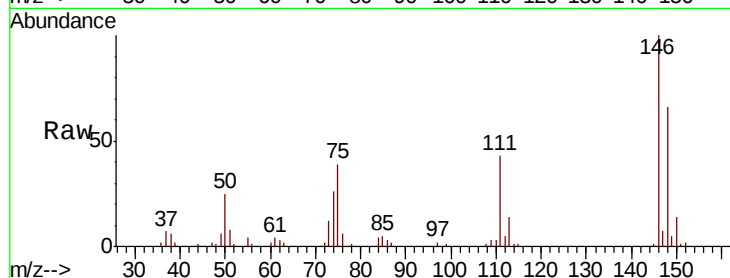
Tot Ion:146 Resp: 39616

Ion Ratio Lower Upper

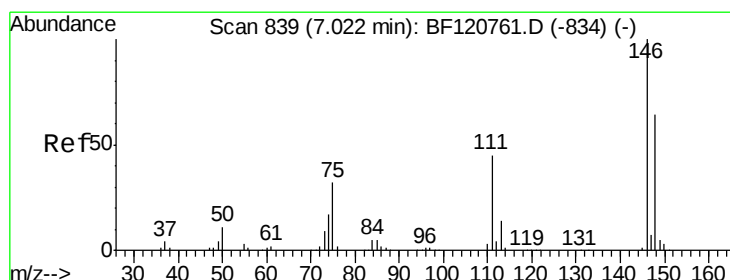
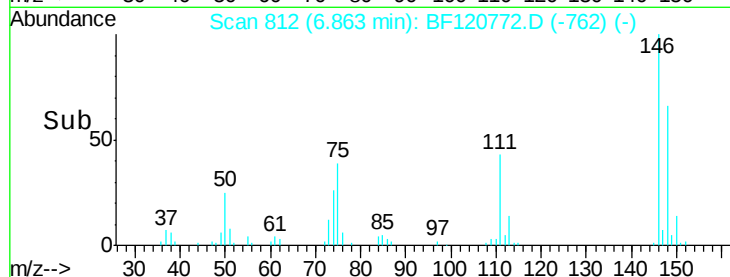
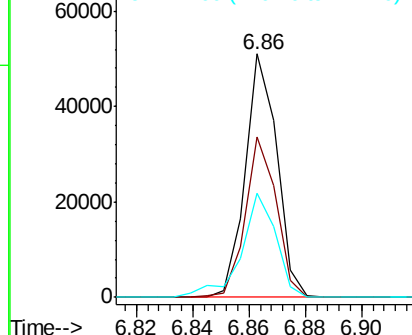
146 100

148 65.8 51.8 77.6

111 42.9 33.7 50.5



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



#14

1,2-Dichlorobenzene

Concen: 3.820 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

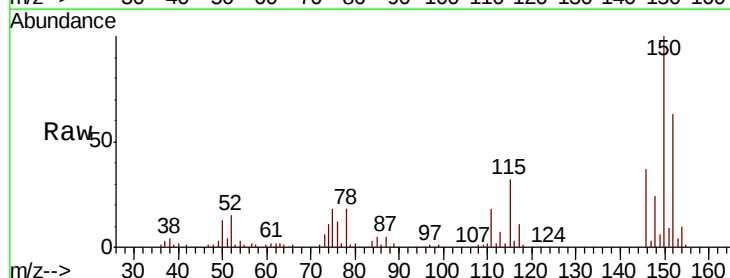
Tgt Ion:146 Resp: 37731

Ion Ratio Lower Upper

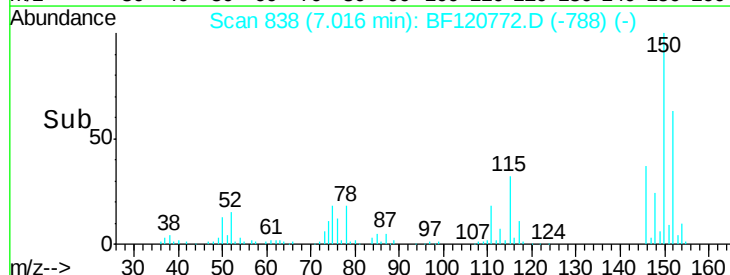
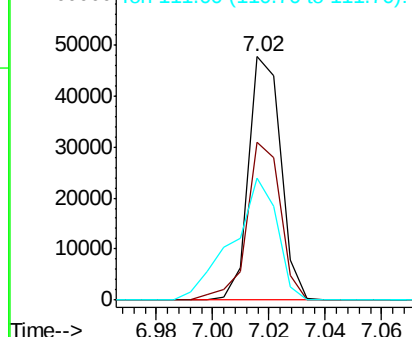
146 100

148 64.6 51.0 76.4

111 50.0 35.7 53.5



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





#15

Benzyl Alcohol

Concen: 3.560 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

Instrument :

BNA_P

ClientSampled :

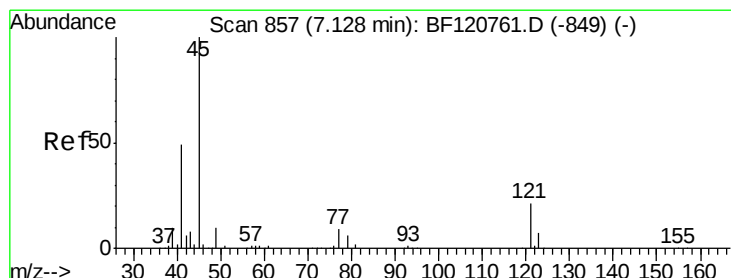
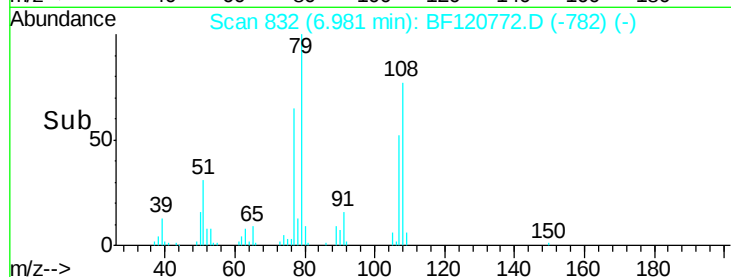
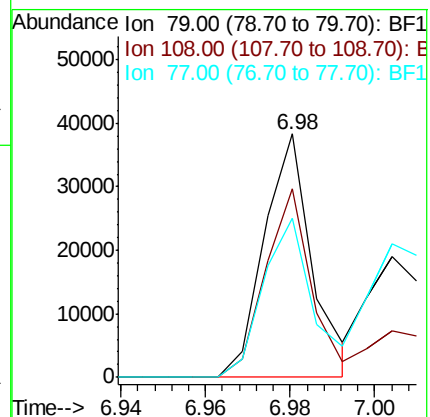
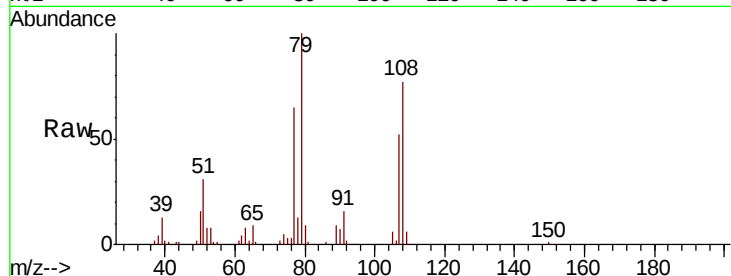
Tot Ion: 79 Resp: 30217

Ion Ratio Lower Upper

79 100

108 77.3 62.4 93.6

77 65.5 52.7 79.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.605 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

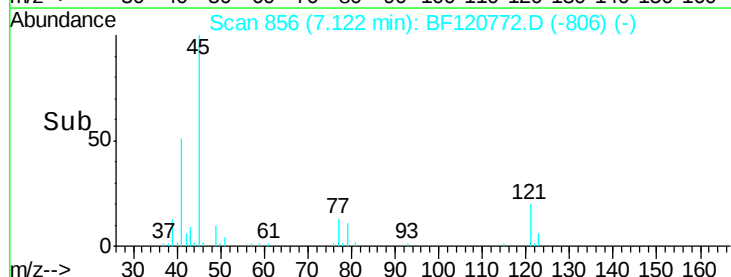
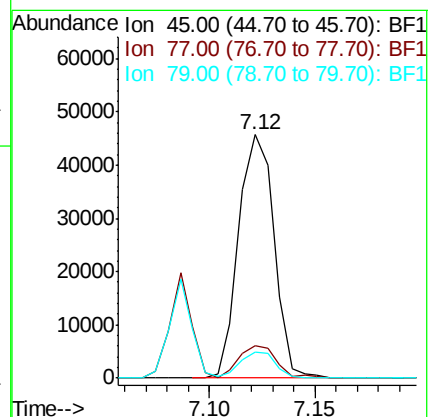
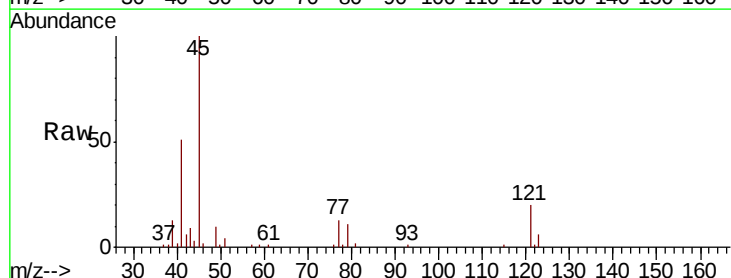
Tgt Ion: 45 Resp: 53167

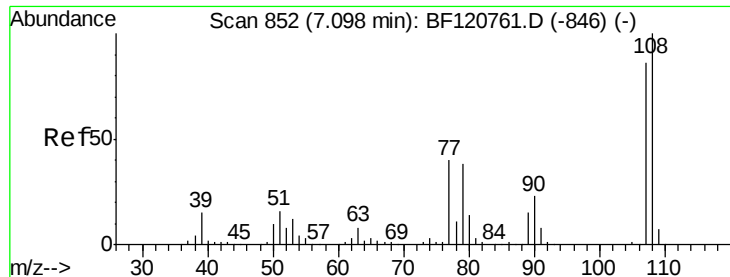
Ion Ratio Lower Upper

45 100

77 13.3 0.0 33.7

79 10.6 0.0 30.5

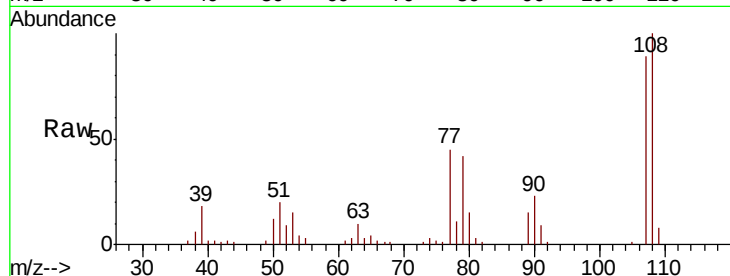




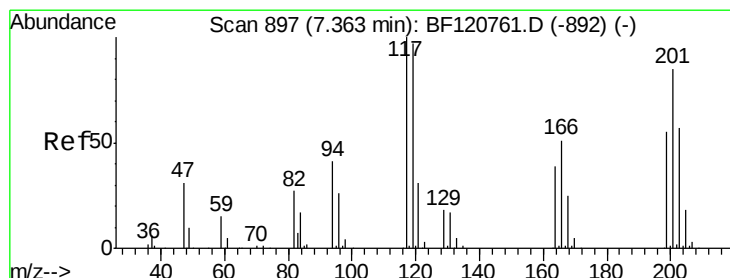
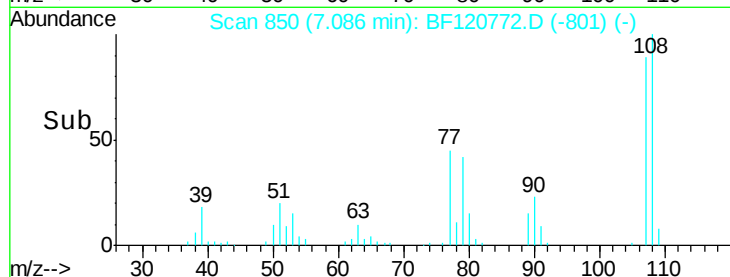
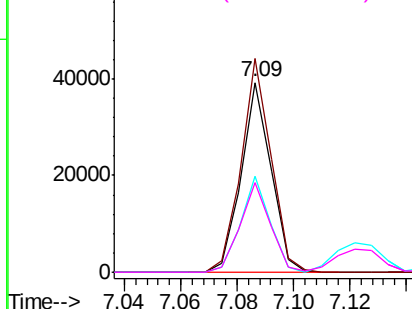
#17
2-Methylphenol
Concen: 3.423 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF120772.D
Acq: 6 Jul 2020 15:16

Instrument :
BNA_P
ClientSampleId :

Tot Ion:107 Resp: 28840
Ion Ratio Lower Upper
107 100
108 112.7 93.1 139.7
77 50.4 37.3 55.9
79 47.6 35.3 52.9

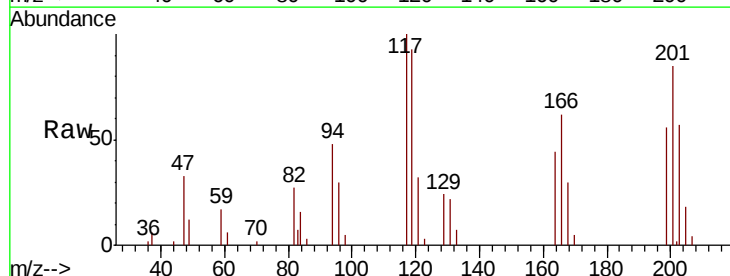


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

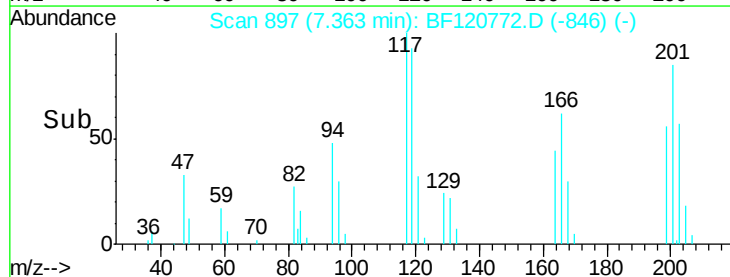
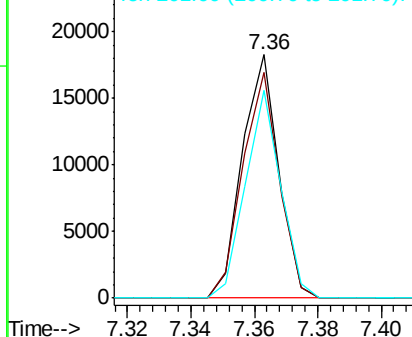


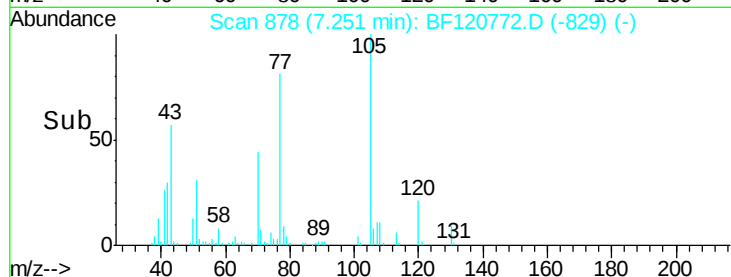
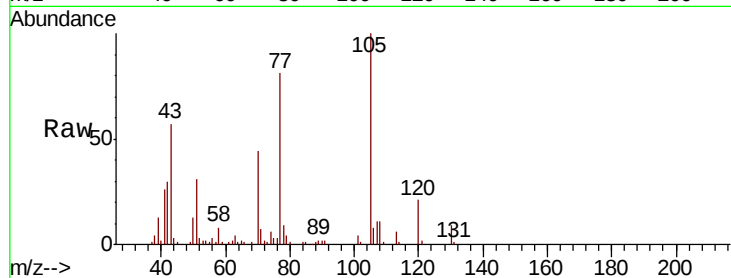
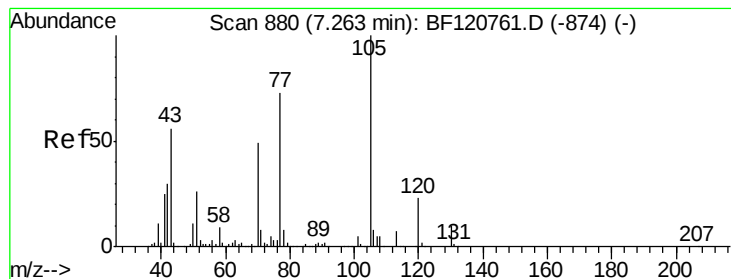
#18
Hexachloroethane
Concen: 3.710 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF120772.D
Acq: 6 Jul 2020 15:16

Tgt Ion:117 Resp: 14479
Ion Ratio Lower Upper
117 100
119 92.6 77.9 116.9
201 85.3 68.3 102.5



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





#19

n-Nitroso-di-n-propylamine

Concen: 3.782 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

Instrument :

BNA_P

ClientSampleId :

Tot Ion: 70 Resp: 25726

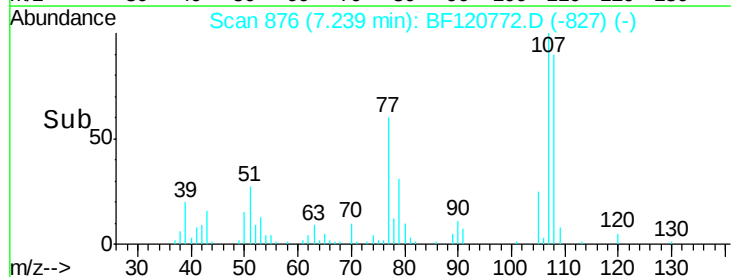
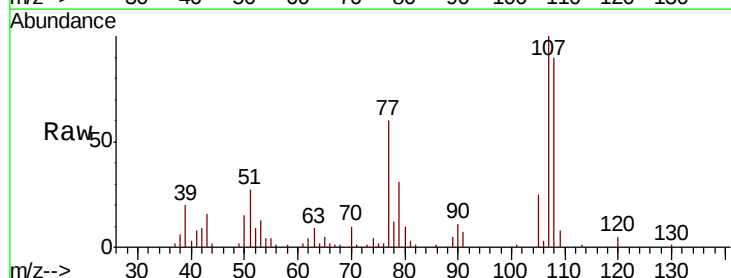
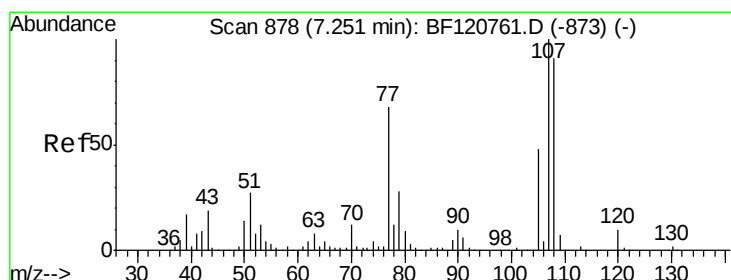
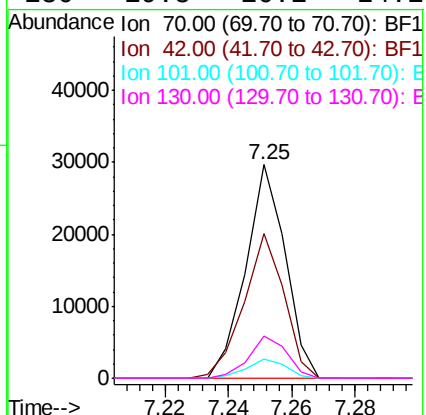
Ion Ratio Lower Upper

70 100

42 67.9 50.3 75.5

101 9.0 7.5 11.3

130 19.8 16.1 24.1



#20

3+4-Methylphenols

Concen: 3.390 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

Tgt Ion: 107 Resp: 35182

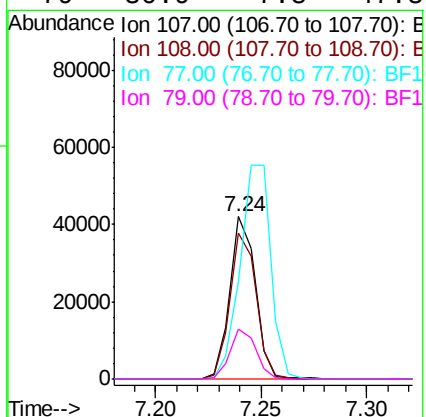
Ion Ratio Lower Upper

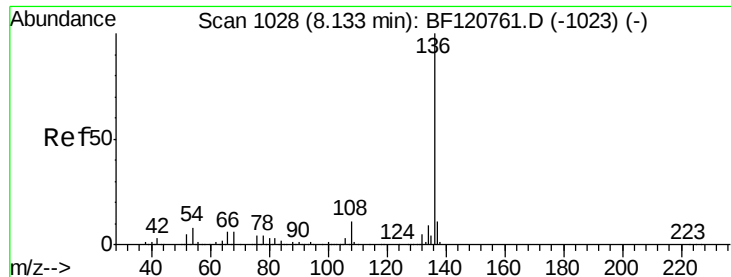
107 100

108 90.0 70.9 110.9

77 59.6 48.3 88.3

79 30.9 7.8 47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136 Resp: 510367

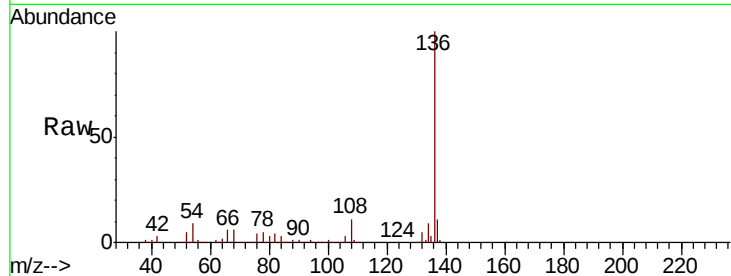
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 8.8 6.2 9.4

68 5.8 4.7 7.1

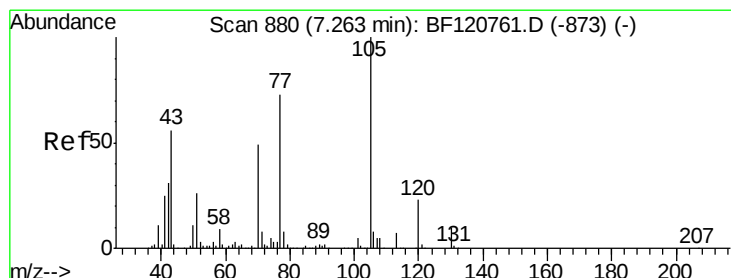
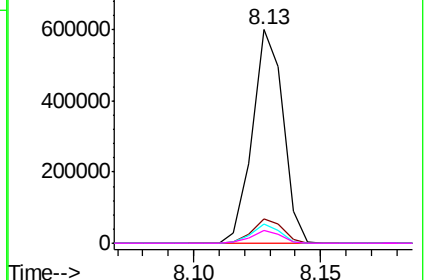
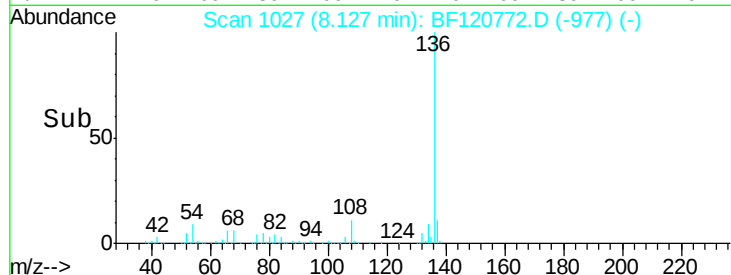


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 4.231 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

Tgt Ion:105 Resp: 53668

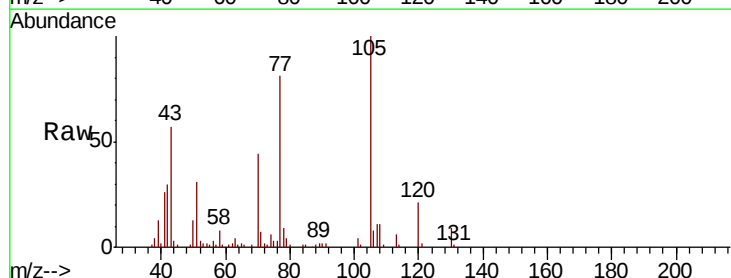
Ion Ratio Lower Upper

105 100

71 7.3 6.5 9.7

51 30.8 21.0 31.4

120 21.4 18.6 28.0

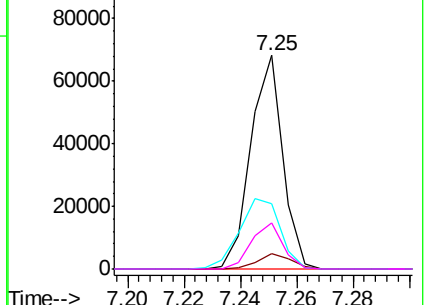
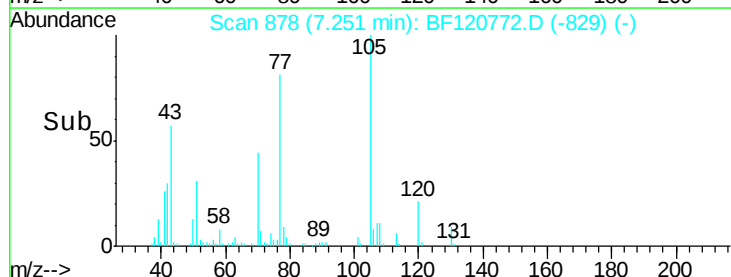


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

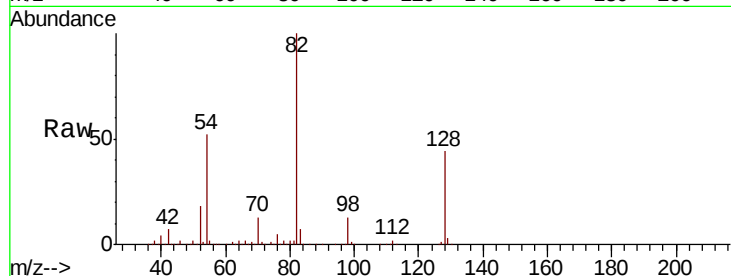




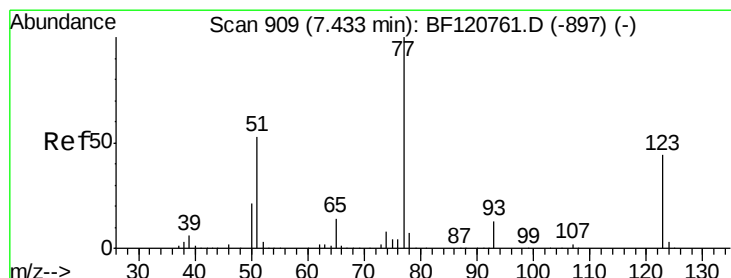
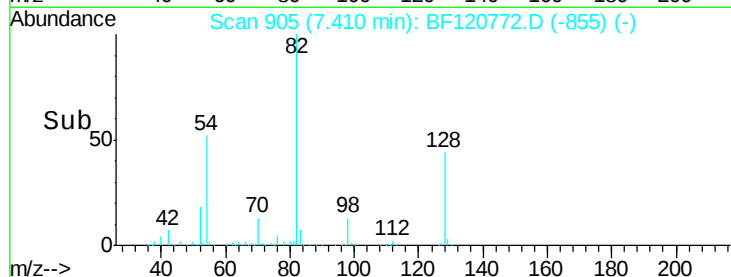
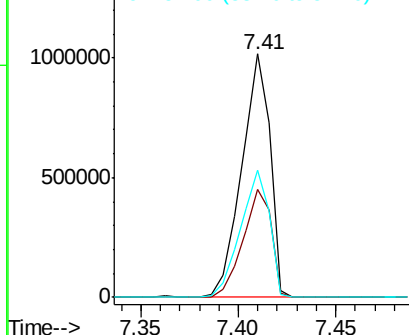
#23
Nitrobenzene-d5
Concen: 115.880 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF120772.D
Acq: 6 Jul 2020 15:16

Instrument :
BNA_P
ClientSampleId :

Tot Ion: 82 Resp: 1020773
Ion Ratio Lower Upper
82 100
128 44.1 35.7 53.5
54 52.3 40.9 61.3

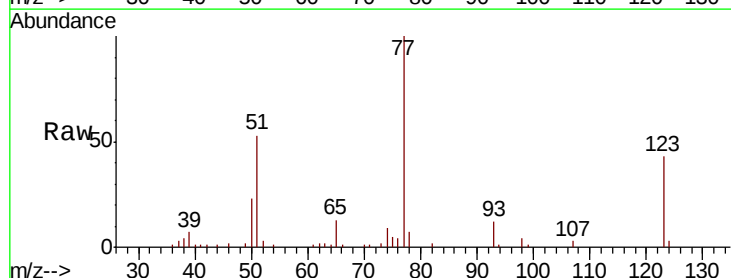


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

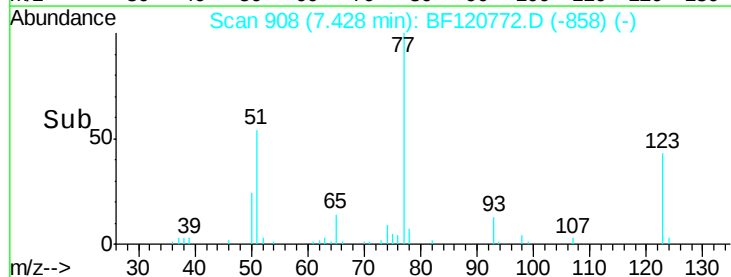
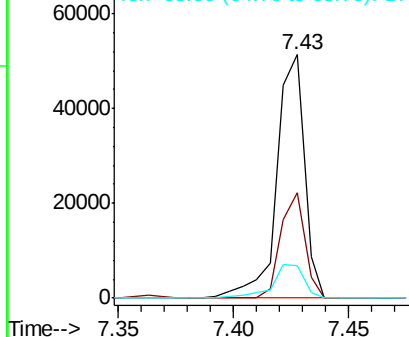


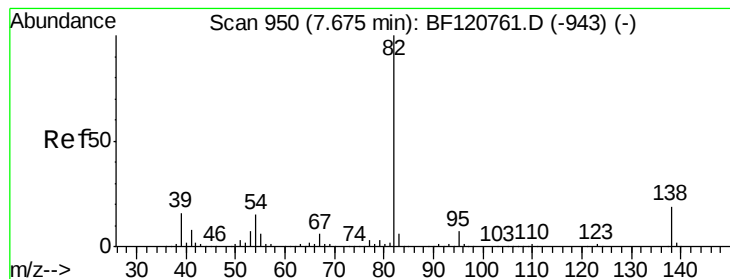
#24
Nitrobenzene
Concen: 4.303 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF120772.D
Acq: 6 Jul 2020 15:16

Tgt Ion: 77 Resp: 42557
Ion Ratio Lower Upper
77 100
123 43.4 36.1 54.1
65 13.1 11.0 16.4



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: 3.568 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

Instrument :

BNA_P

ClientSampled :

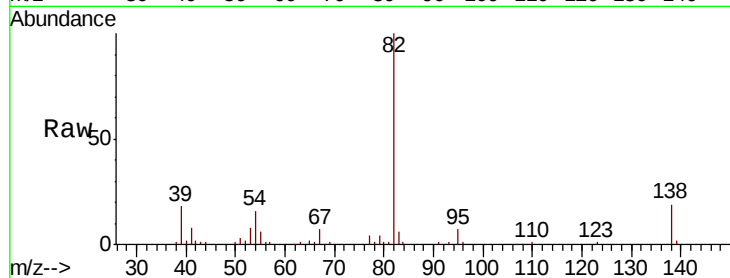
Tot Ion: 82 Resp: 67790

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

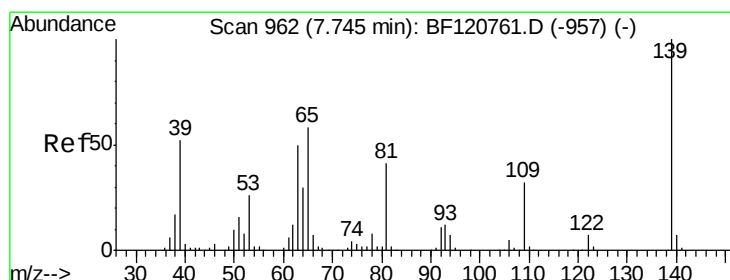
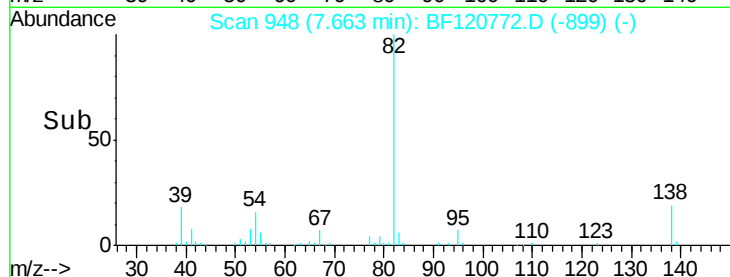
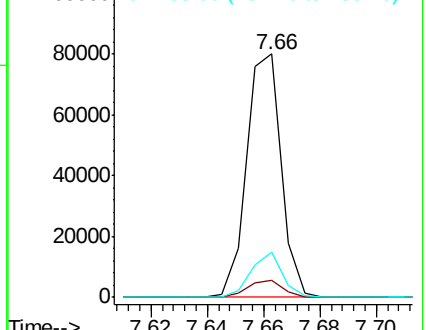
138 18.6 15.0 22.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 2.178 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

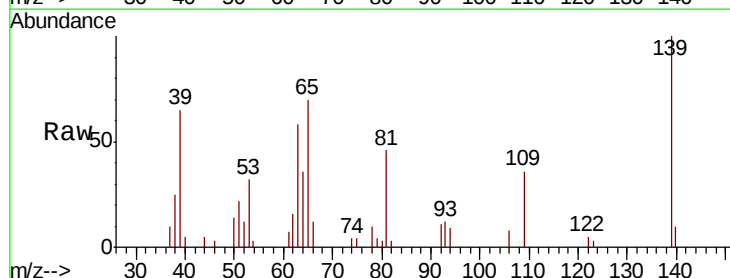
Tgt Ion: 139 Resp: 7873

Ion Ratio Lower Upper

139 100

109 35.6 25.3 37.9

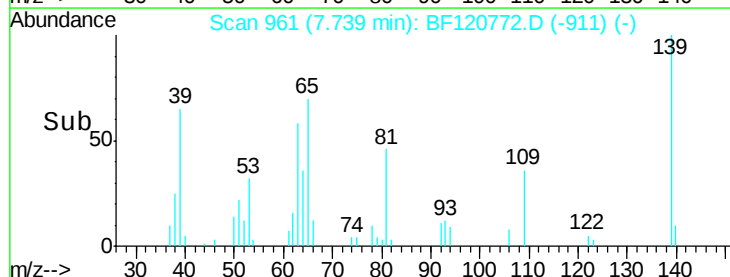
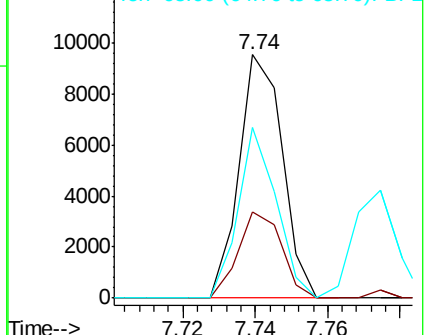
65 69.8 46.2 69.2#

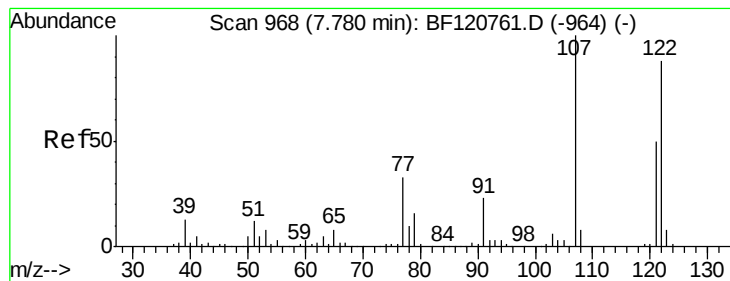


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

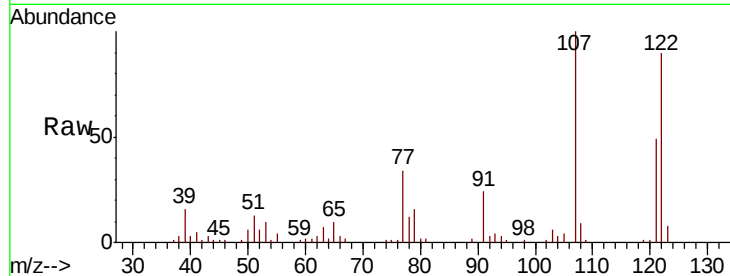




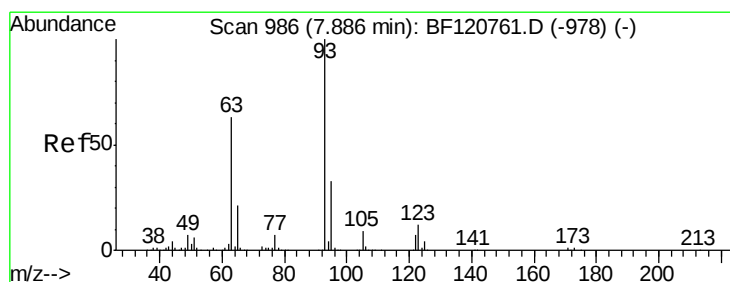
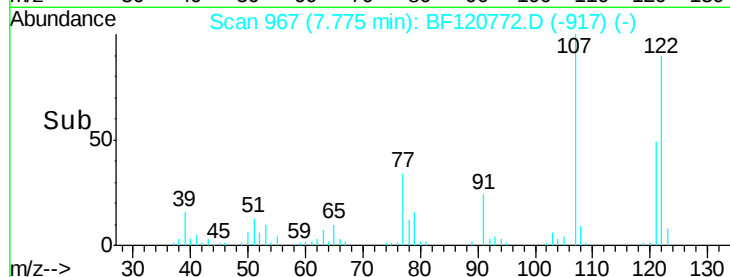
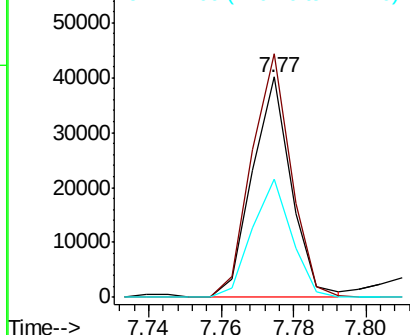
#27
 2,4-Dimethylphenol
 Concen: 3.953 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF120772.D
 Acq: 6 Jul 2020 15:16

Instrument :
 BNA_P
 ClientSampled :

Tot Ion: 122 Resp: 29976
 Ion Ratio Lower Upper
 122 100
 107 110.6 90.7 136.1
 121 53.8 45.4 68.0

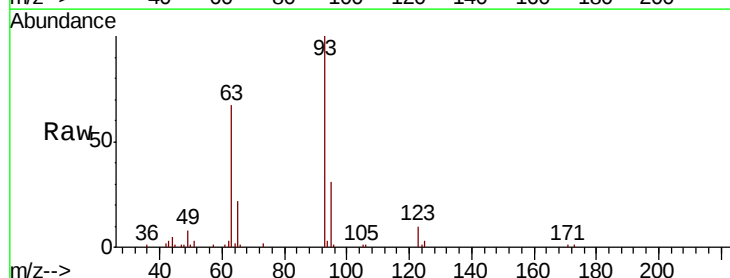


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

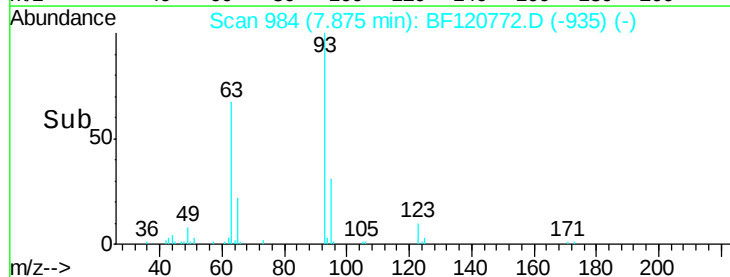
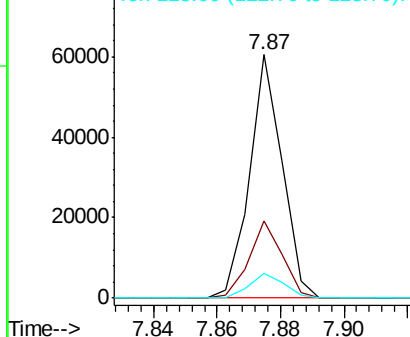


#28
 bis(2-Chloroethoxy)methane
 Concen: 3.821 ng
 RT: 7.87 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF120772.D
 Acq: 6 Jul 2020 15:16

Tgt Ion: 93 Resp: 42959
 Ion Ratio Lower Upper
 93 100
 95 31.5 26.4 39.6
 123 10.2 10.2 15.2#



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

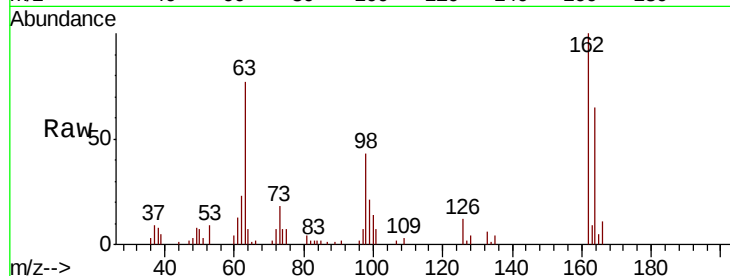




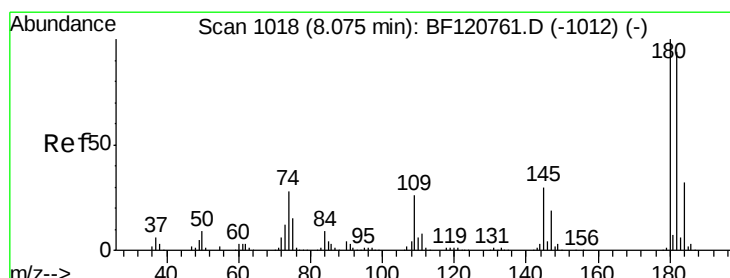
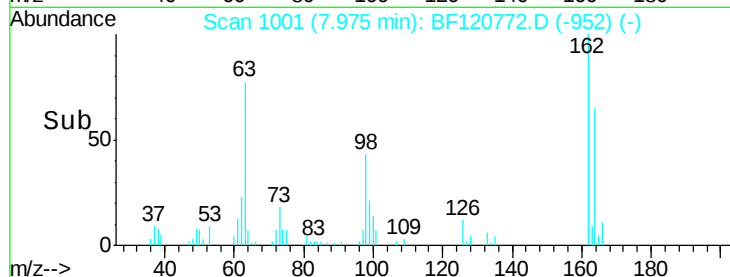
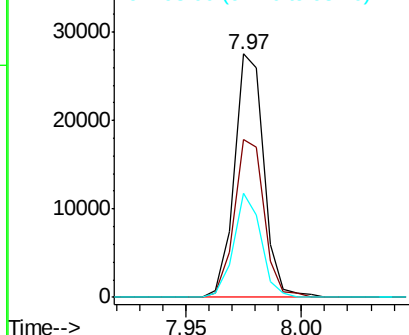
#29
2,4-Dichlorophenol
Concen: 3.236 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF120772.D
Acq: 6 Jul 2020 15:16

Instrument :
BNA_P
ClientSampleId :

Tot Ion:162 Resp: 24500
Ion Ratio Lower Upper
162 100
164 64.9 45.2 85.2
98 42.9 17.0 57.0

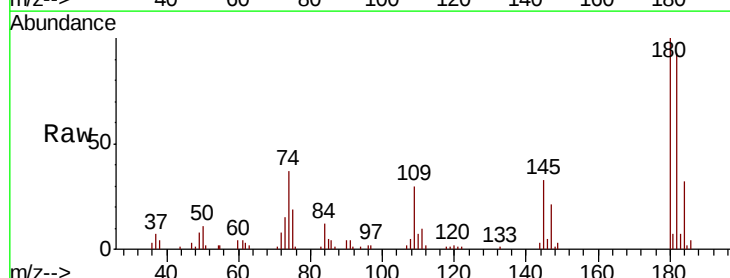


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

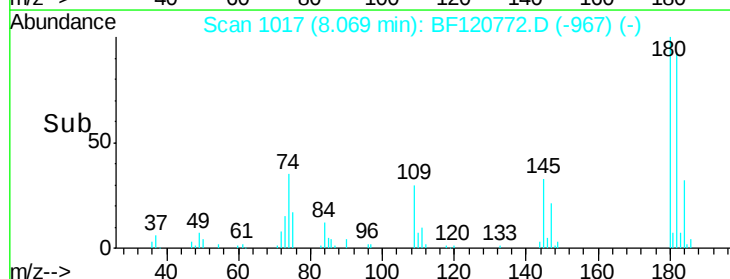
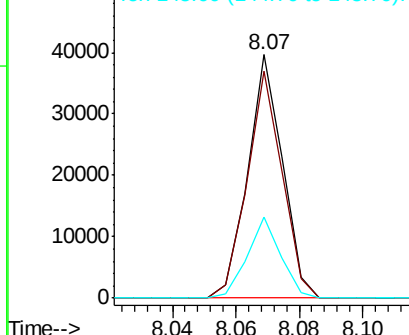


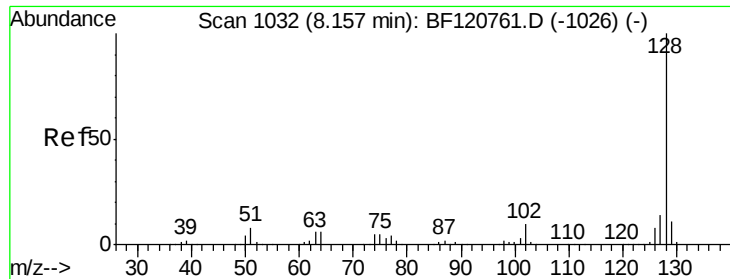
#30
1,2,4-Trichlorobenzene
Concen: 3.541 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF120772.D
Acq: 6 Jul 2020 15:16

Tgt Ion:180 Resp: 30111
Ion Ratio Lower Upper
180 100
182 93.5 75.5 113.3
145 33.1 24.1 36.1



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

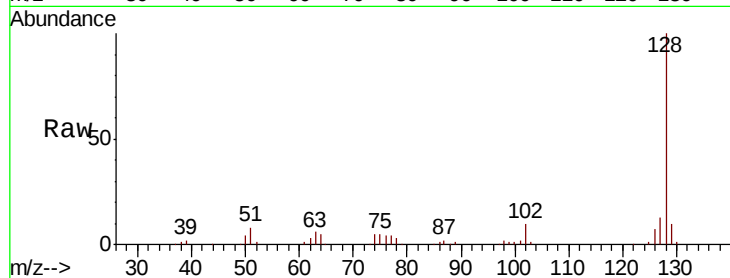




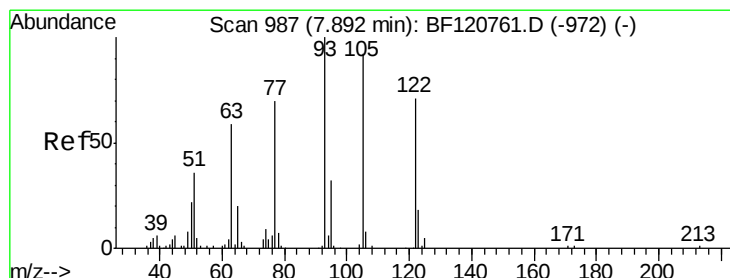
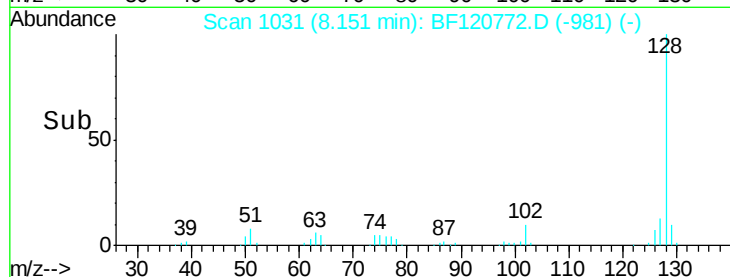
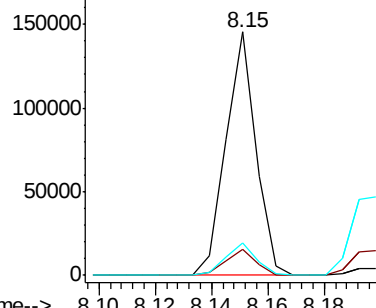
#31
Naphthalene
Concen: 3.930 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF120772.D
Acq: 6 Jul 2020 15:16

Instrument :
BNA_P
ClientSampleId :

Tot Ion:128 Resp: 107183
Ion Ratio Lower Upper
128 100
129 10.5 9.2 13.8
127 13.1 11.1 16.7

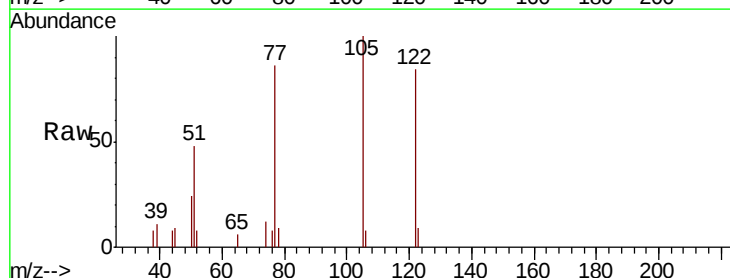


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

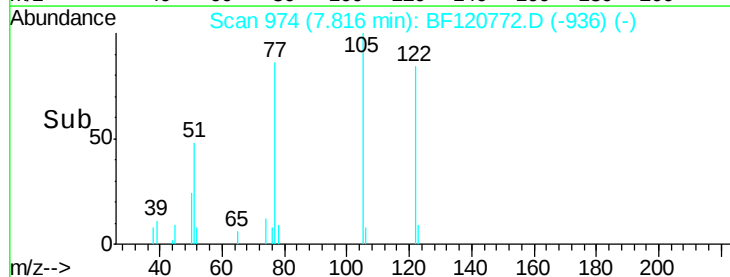
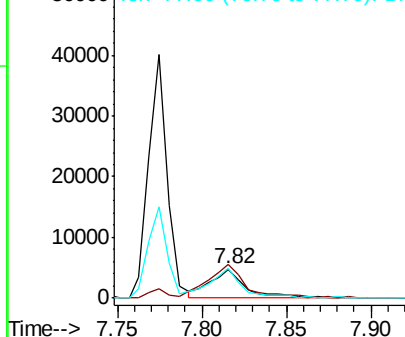


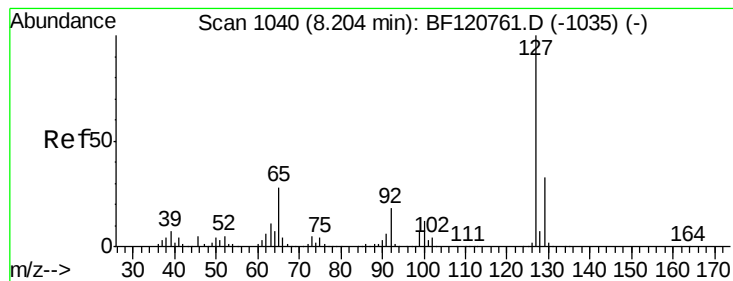
#32
Benzoic acid
Concen: 1.656 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.08 min
Lab File: BF120772.D
Acq: 6 Jul 2020 15:16

Tgt Ion:122 Resp: 6798
Ion Ratio Lower Upper
122 100
105 118.7 105.8 145.8
77 102.4 77.3 117.3



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

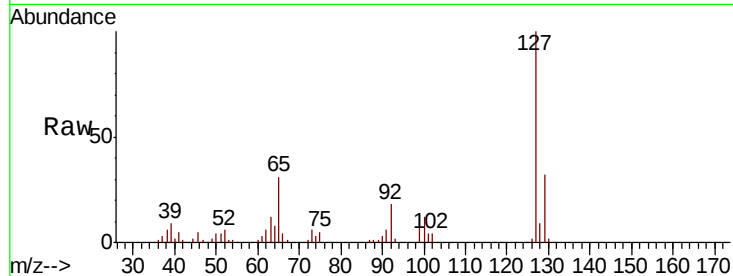




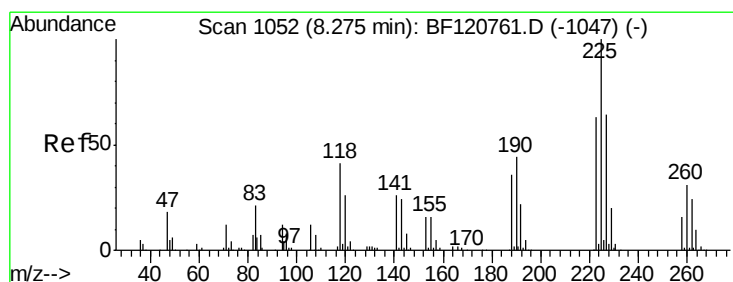
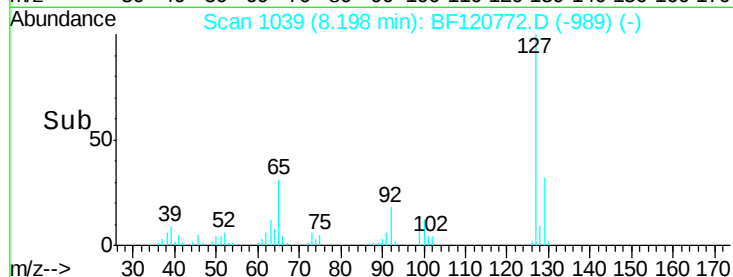
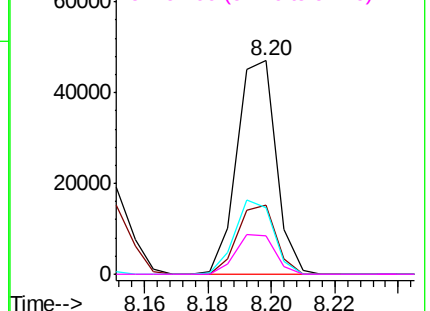
#33
4-Chloroaniline
Concen: 3.467 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF120772.D
Acq: 6 Jul 2020 15:16

Instrument :
BNA_P
ClientSampleId :

Tot Ion:127	Resp:	40122
Ion Ratio	Lower	Upper
127	100	
129	32.2	26.6 39.8
65	31.3	22.7 34.1
92	18.2	14.3 21.5

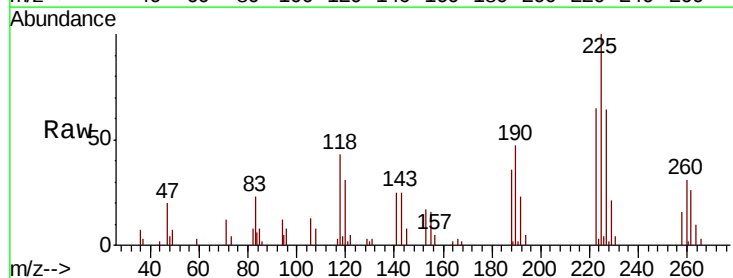


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

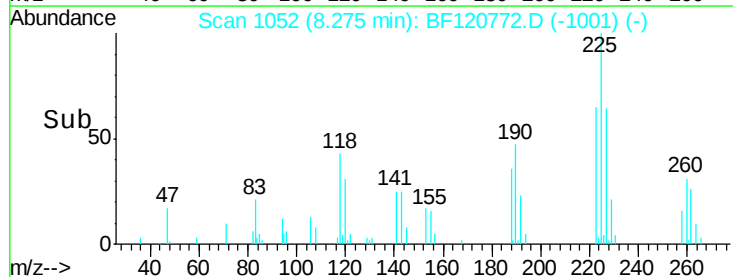
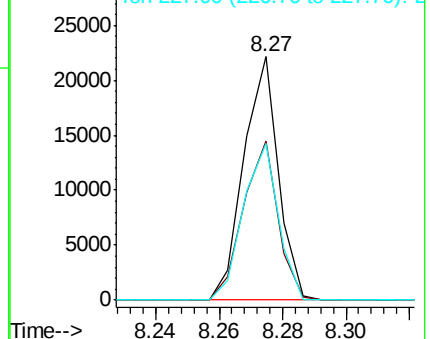


#34
Hexachlorobutadiene
Concen: 3.251 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF120772.D
Acq: 6 Jul 2020 15:16

Tgt Ion:225	Resp:	16624
Ion Ratio	Lower	Upper
225	100	
223	65.6	50.6 76.0
227	64.2	51.4 77.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

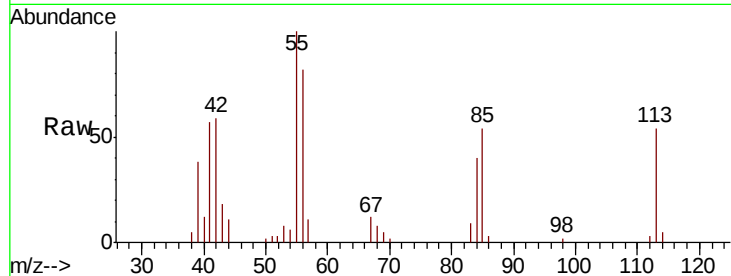




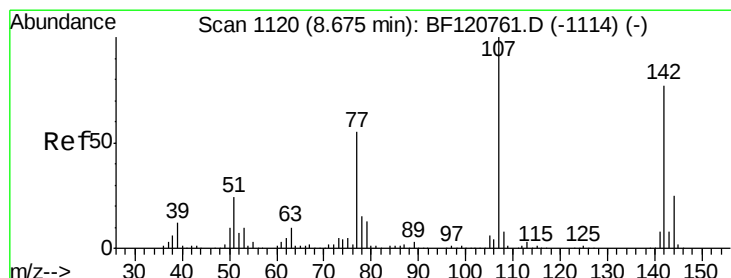
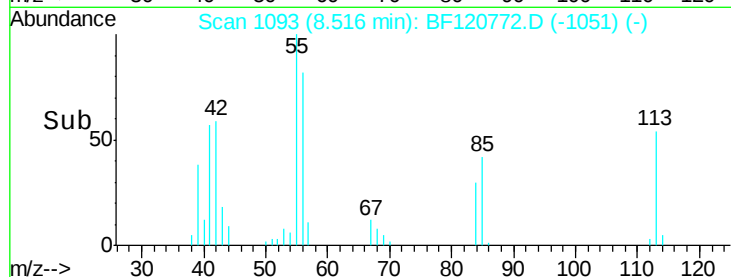
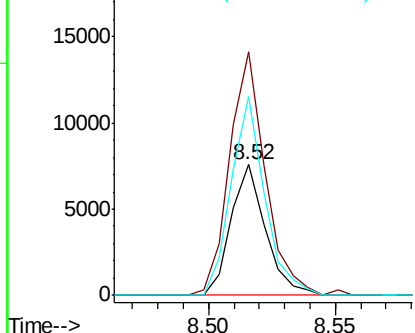
#35
 Caprolactam
 Concen: 3.257 ng
 RT: 8.52 min Scan# 1093
 Delta R.T. -0.05 min
 Lab File: BF120772.D
 Acq: 6 Jul 2020 15:16

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:113 Resp: 7184
 Ion Ratio Lower Upper
 113 100
 55 186.3 168.3 208.3
 56 152.2 118.8 158.8

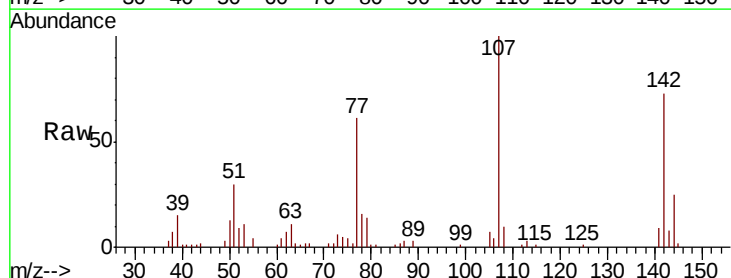


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

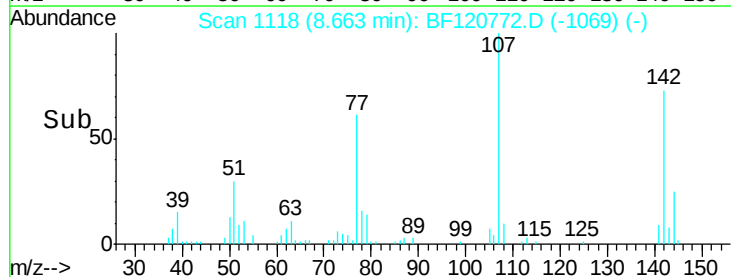
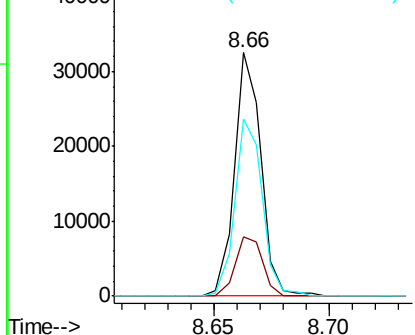


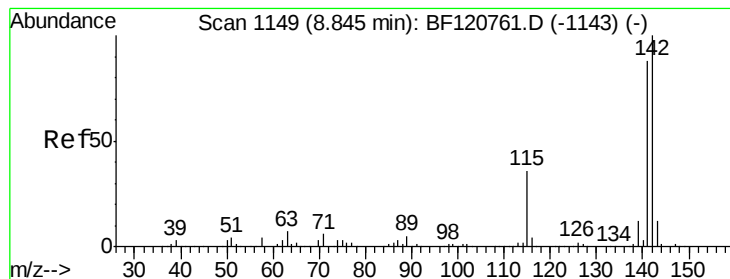
#36
 4-Chloro-3-methylphenol
 Concen: 3.298 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. -0.01 min
 Lab File: BF120772.D
 Acq: 6 Jul 2020 15:16

Tgt Ion:107 Resp: 25973
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.7 29.5
 142 72.7 61.2 91.8



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

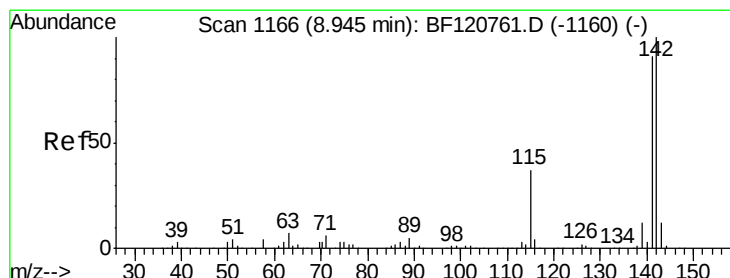
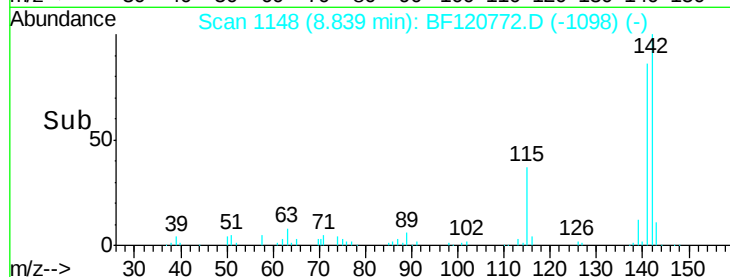
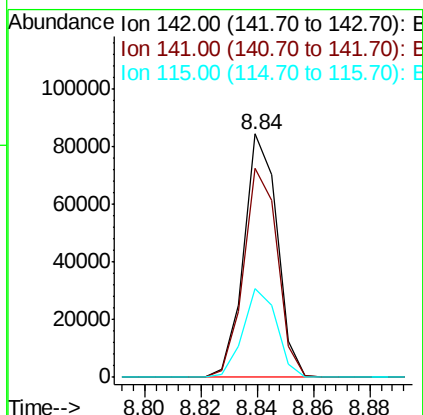
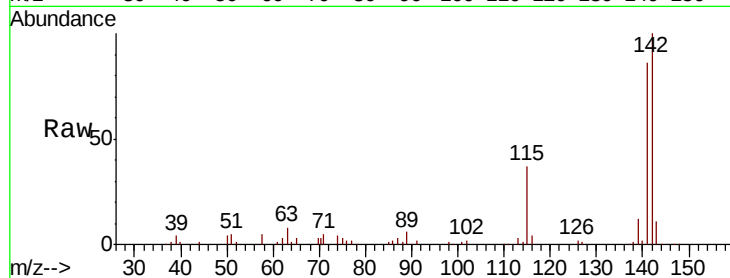




#37
 2-Methylnaphthalene
 Concen: 3.893 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF120772.D
 Acq: 6 Jul 2020 15:16

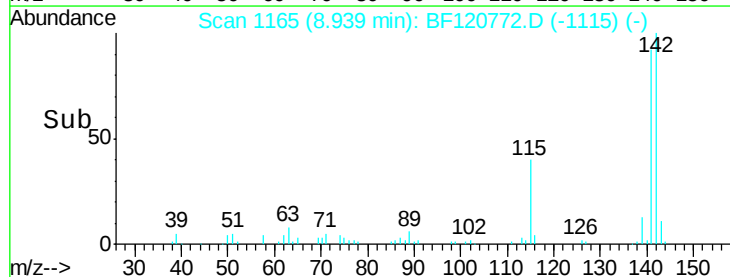
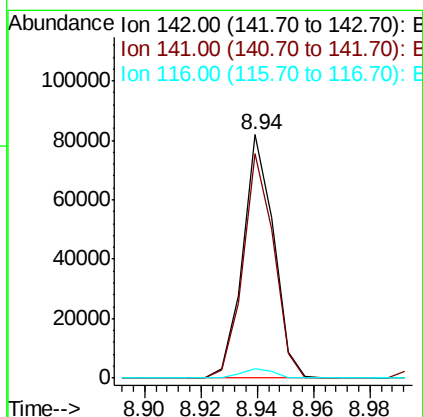
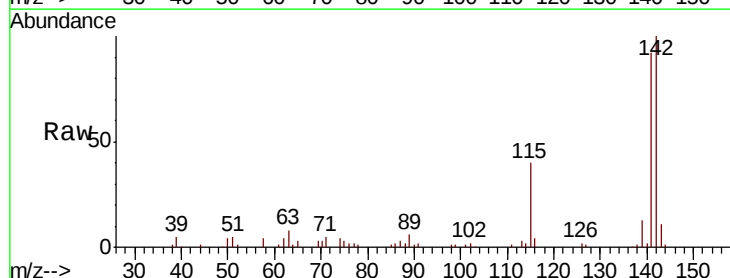
Instrument :
 BNA_P
 ClientSampled :

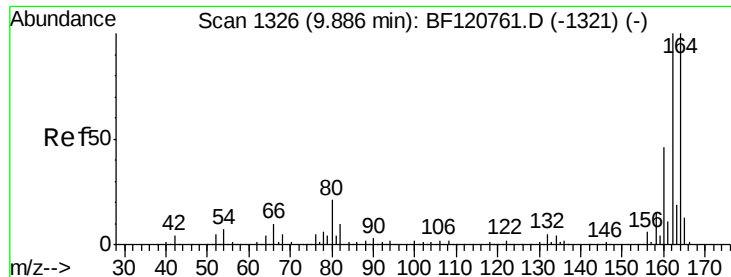
Tot Ion:142 Resp: 69030
 Ion Ratio Lower Upper
 142 100
 141 85.8 70.2 105.4
 115 36.6 29.0 43.4



#38
 1-Methylnaphthalene
 Concen: 3.737 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF120772.D
 Acq: 6 Jul 2020 15:16

Tgt Ion:142 Resp: 62061
 Ion Ratio Lower Upper
 142 100
 141 92.4 72.5 108.7
 116 4.1 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

Instrument :

BNA_P

ClientSampleId :

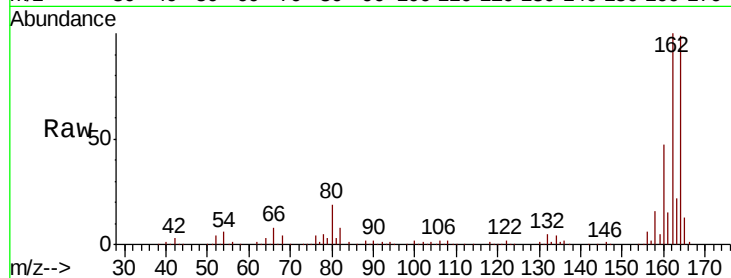
Tot Ion:164 Resp: 252731

Ion Ratio Lower Upper

164 100

162 100.8 80.2 120.2

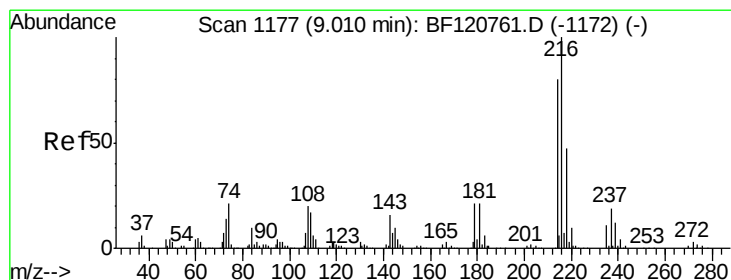
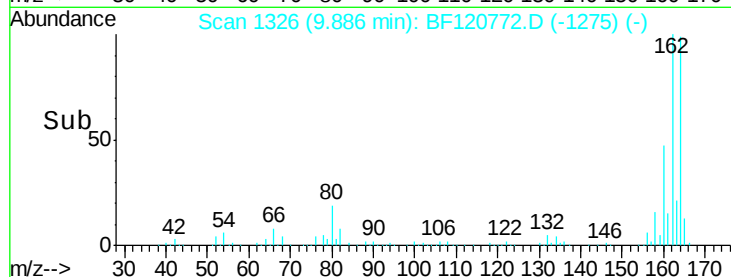
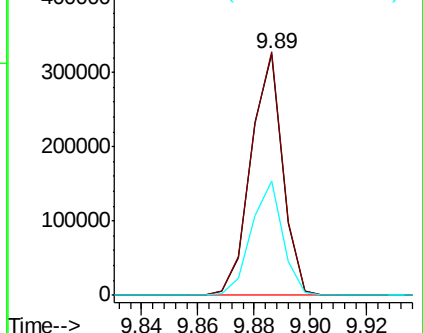
160 47.3 36.9 55.3



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: 3.790 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

Tgt Ion:216 Resp: 28952

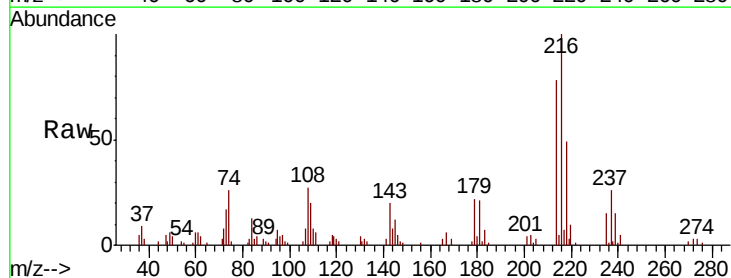
Ion Ratio Lower Upper

216 100

214 78.5 63.7 95.5

179 21.5 16.7 25.1

108 25.6 17.0 25.4#

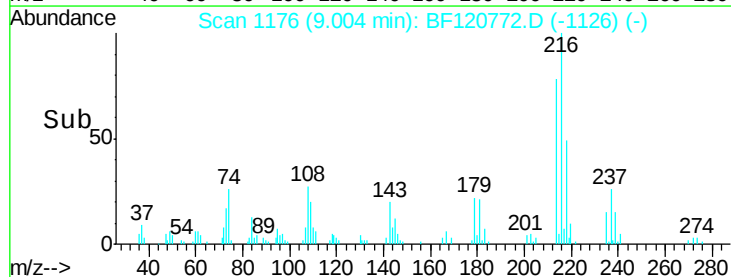
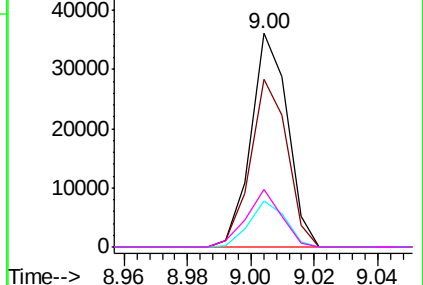


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

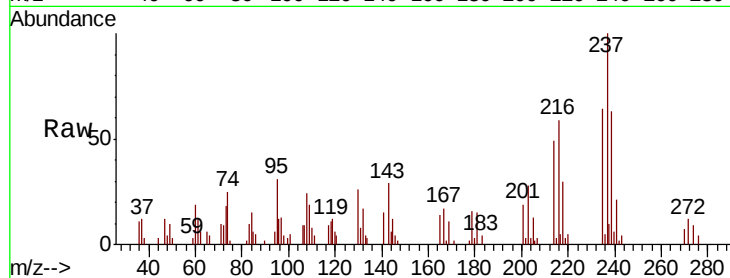




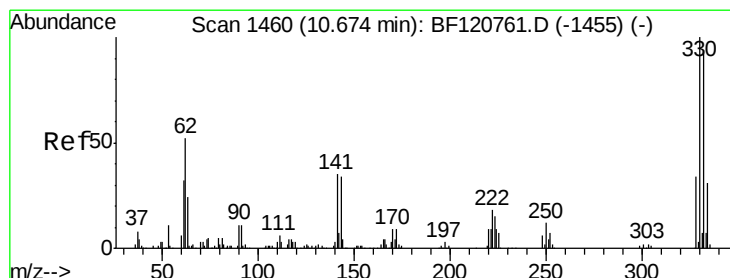
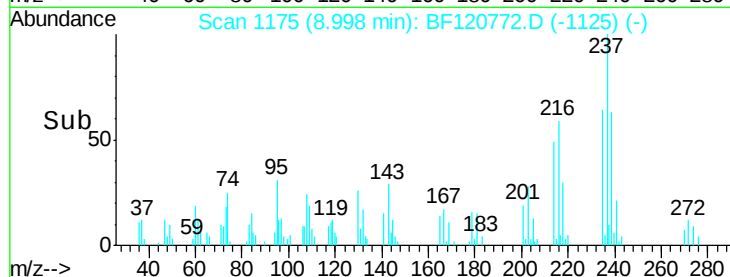
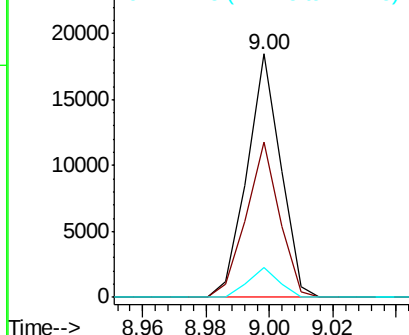
#41
Hexachlorocyclopentadiene
Concen: 3.006 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF120772.D
Acq: 6 Jul 2020 15:16

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.8	42.1	82.1
272	12.4	0.0	33.4

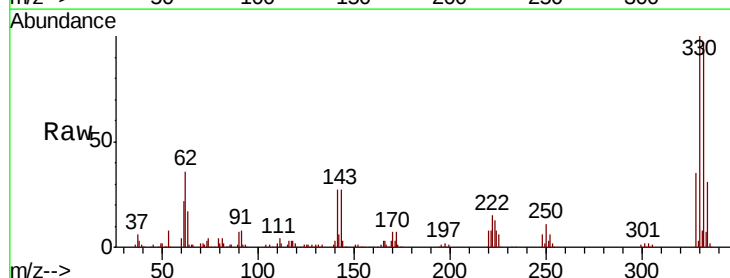


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

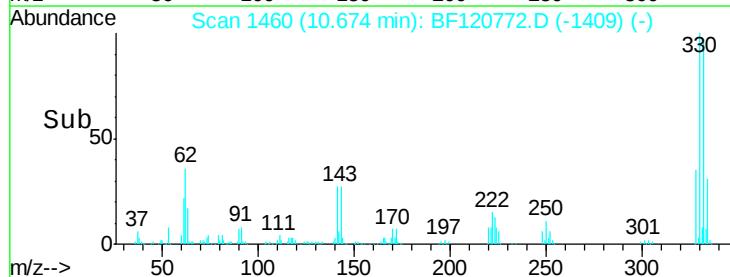
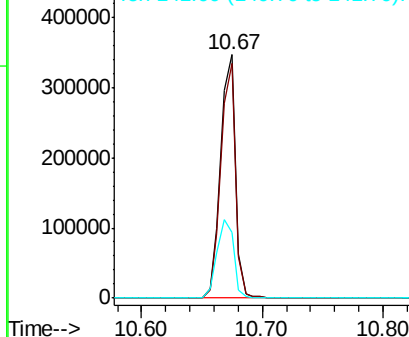


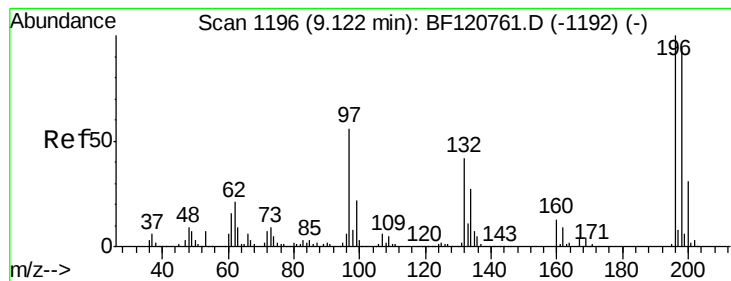
#42
2,4,6-Tribromophenol
Concen: 115.832 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF120772.D
Acq: 6 Jul 2020 15:16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.8	113.6
141	36.4	29.7	44.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 2.782 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

Instrument :

BNA_P

ClientSampled :

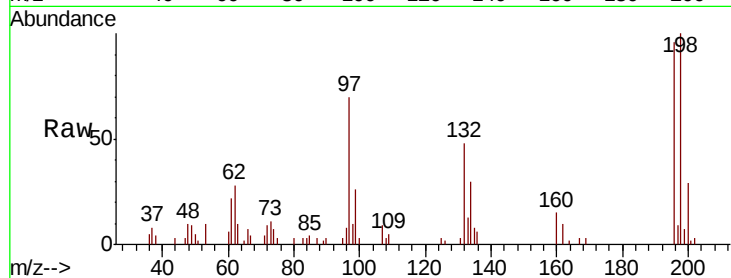
Tot Ion:196 Resp: 14482

Ion Ratio Lower Upper

196 100

198 103.7 75.3 112.9

200 30.4 24.4 36.6

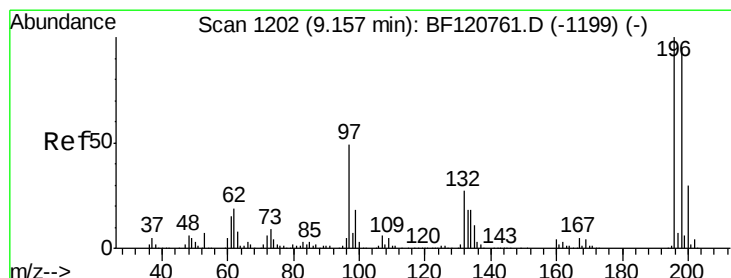
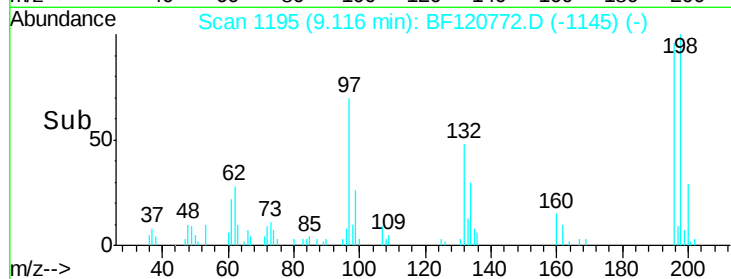
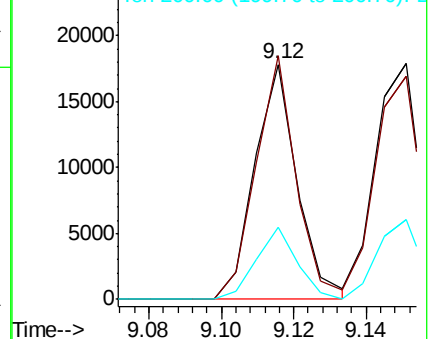


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 2.774 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

Tgt Ion:196 Resp: 16025

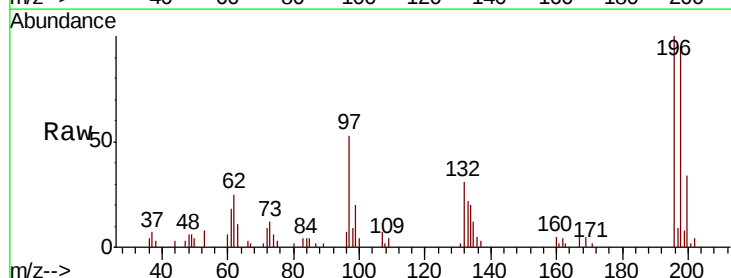
Ion Ratio Lower Upper

196 100

198 94.5 76.2 114.2

97 53.4 39.6 59.4

132 30.6 22.0 33.0



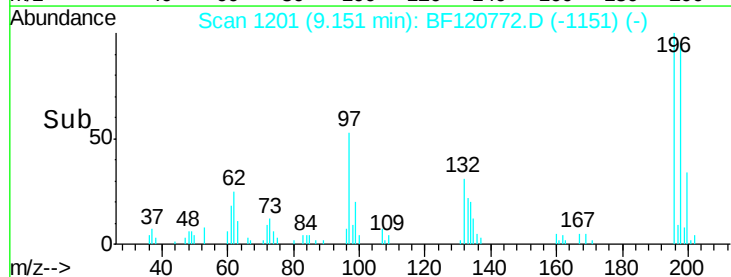
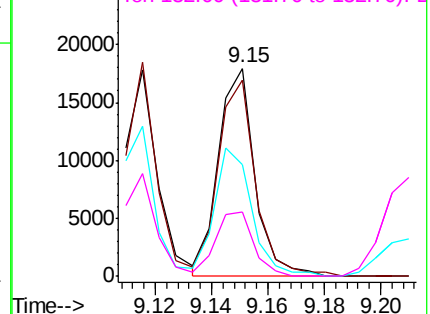
Abundance

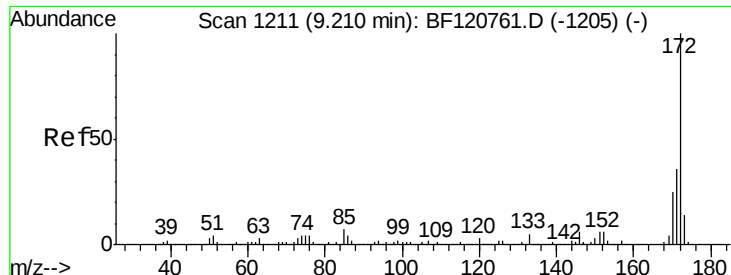
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

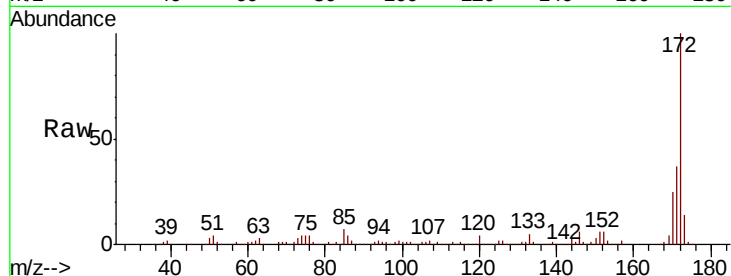




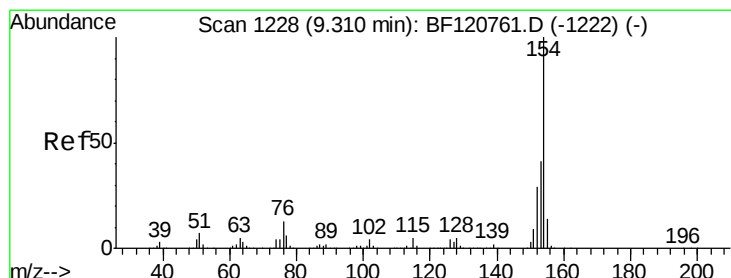
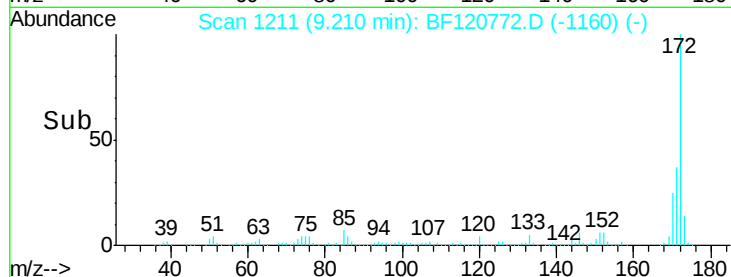
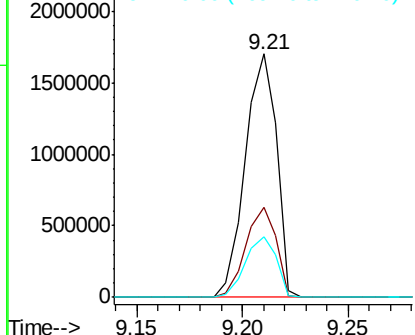
#45
2-Fluorobiphenyl
Concen: 104.836 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF120772.D
Acq: 6 Jul 2020 15:16

Instrument :
BNA_P
ClientSampleId :

Tot Ion:172 Resp: 1751241
Ion Ratio Lower Upper
172 100
171 36.8 29.1 43.7
170 25.0 19.8 29.6

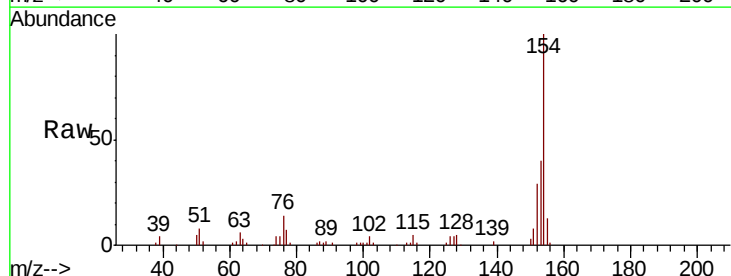


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

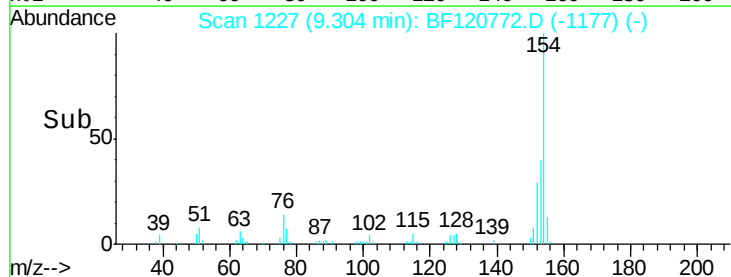
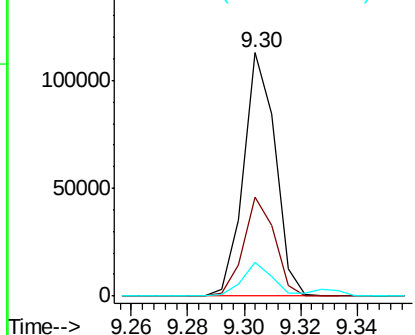


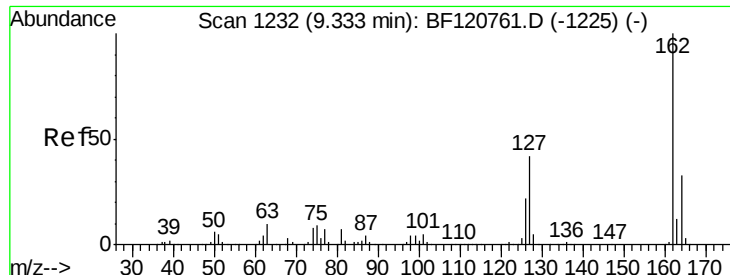
#46
1,1'-Biphenyl
Concen: 4.314 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF120772.D
Acq: 6 Jul 2020 15:16

Tgt Ion:154 Resp: 87943
Ion Ratio Lower Upper
154 100
153 40.4 20.7 60.7
76 13.7 0.0 33.3



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

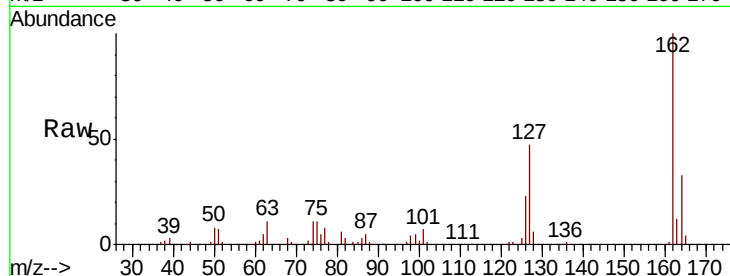




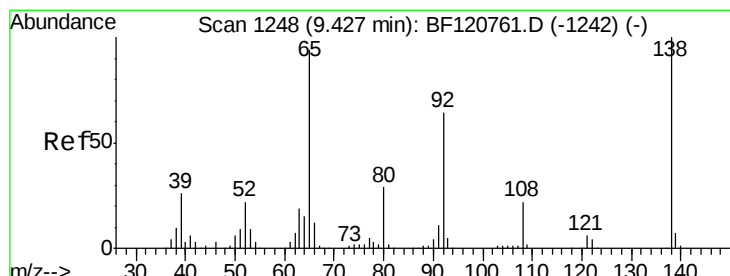
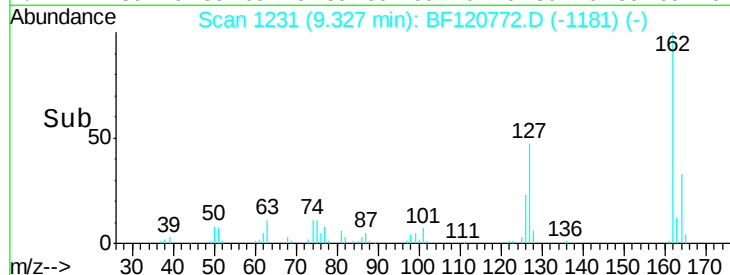
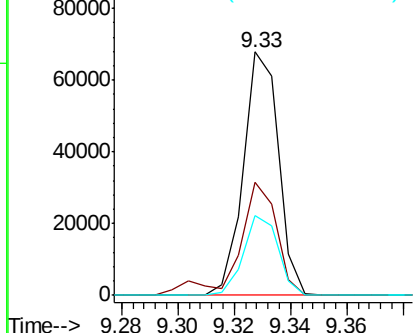
#47
 2-Chloronaphthalene
 Concen: 3.584 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF120772.D
 Acq: 6 Jul 2020 15:16

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:162 Resp: 58537
 Ion Ratio Lower Upper
 162 100
 127 46.6 33.7 50.5
 164 32.7 26.4 39.6

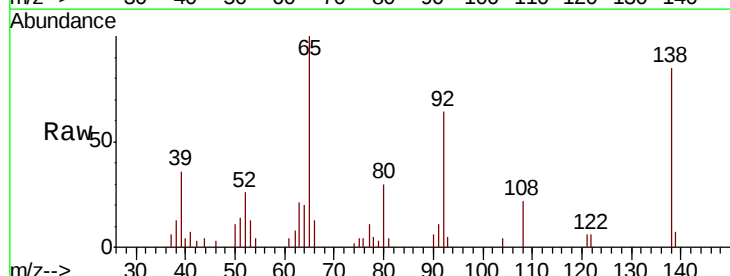


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

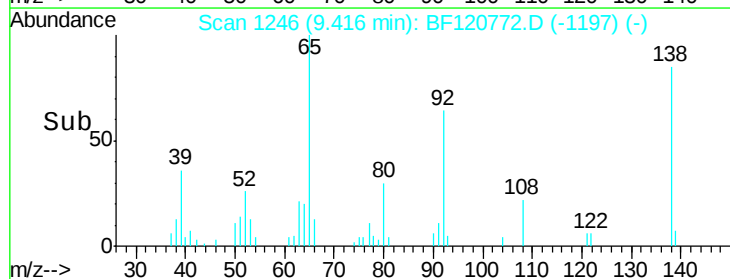
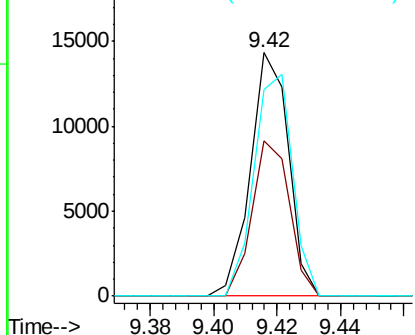


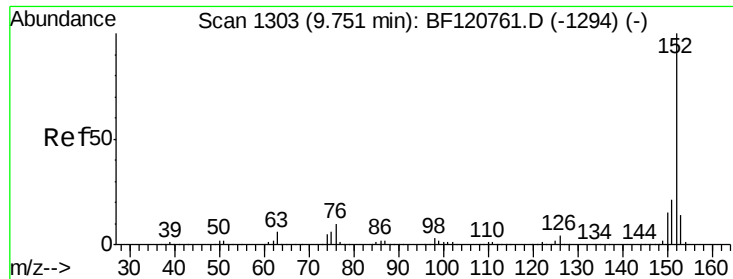
#48
 2-Nitroaniline
 Concen: 2.727 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF120772.D
 Acq: 6 Jul 2020 15:16

Tgt Ion: 65 Resp: 11917
 Ion Ratio Lower Upper
 65 100
 92 63.6 54.4 81.6
 138 84.6 84.7 127.1#



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





#49

Acenaphthylene

Concen: 3.711 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

Instrument :

BNA_P

ClientSampleId :

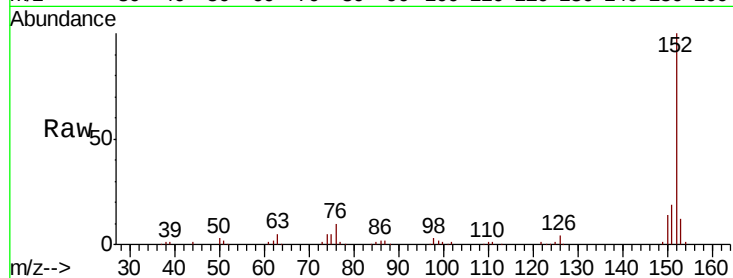
Tot Ion:152 Resp: 95014

Ion Ratio Lower Upper

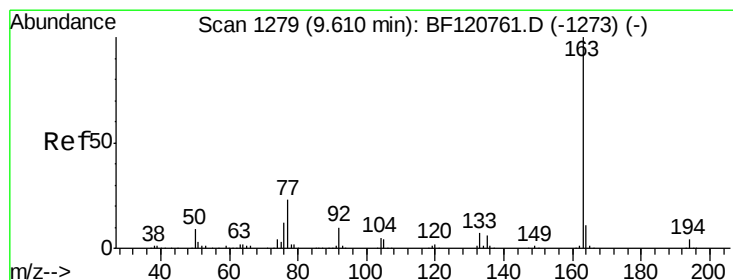
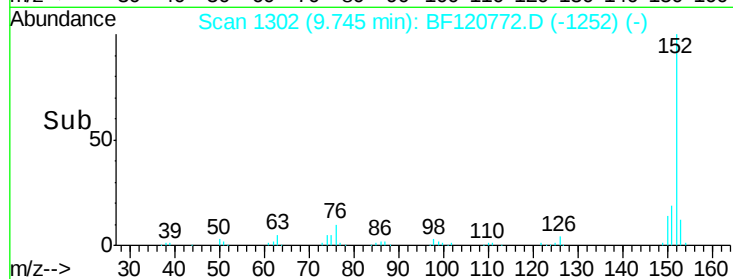
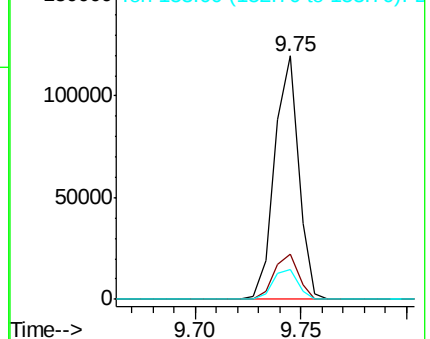
152 100

151 18.6 16.9 25.3

153 12.5 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 3.522 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

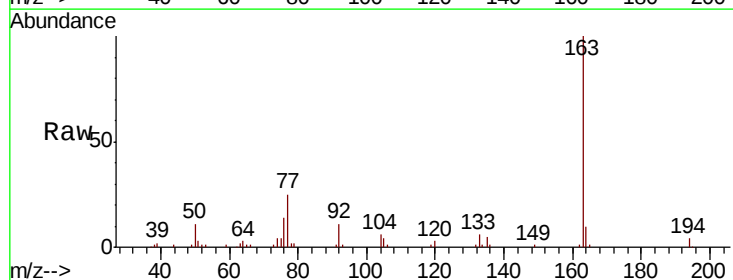
Tgt Ion:163 Resp: 64935

Ion Ratio Lower Upper

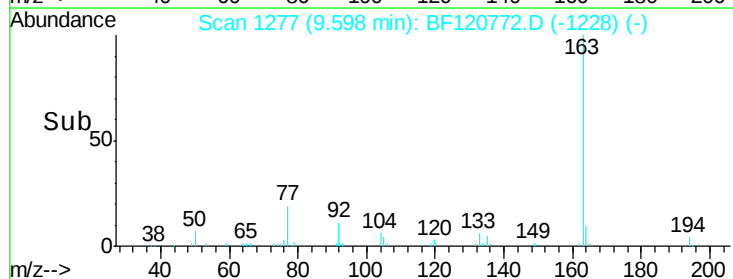
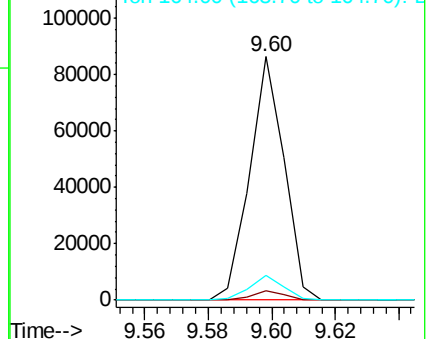
163 100

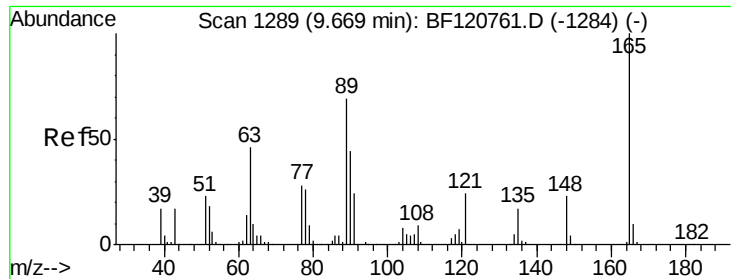
194 3.7 2.9 4.3

164 10.2 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

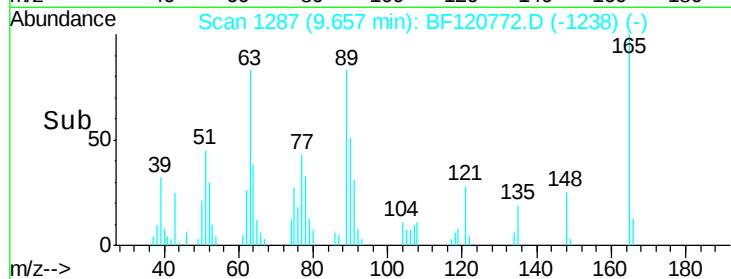
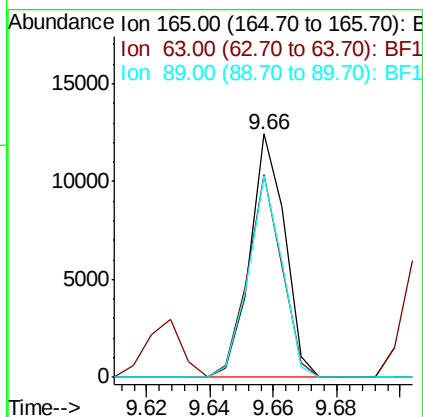
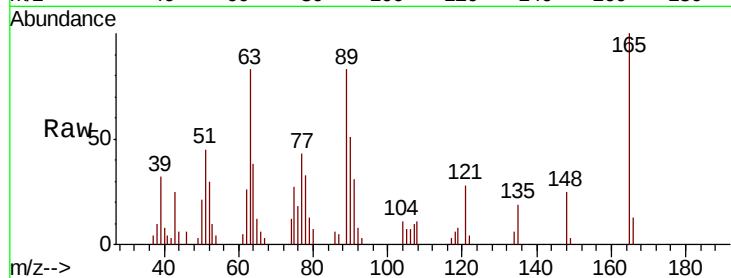




#51
2,6-Dinitrotoluene
Concen: 2.836 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF120772.D
Acq: 6 Jul 2020 15:16

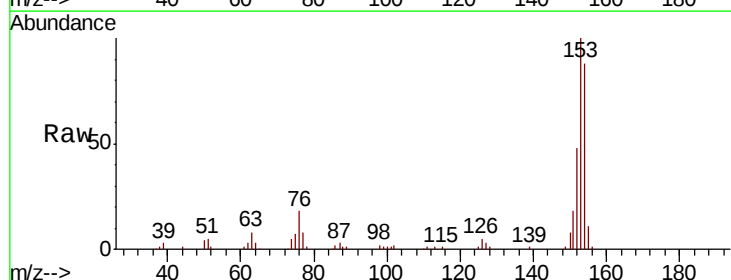
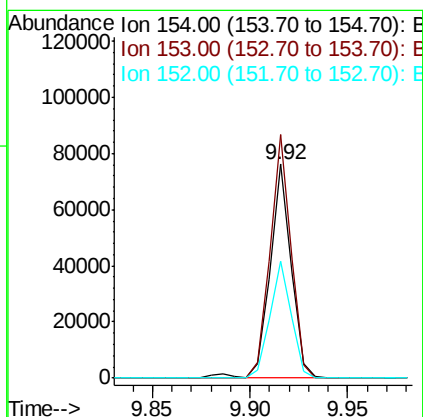
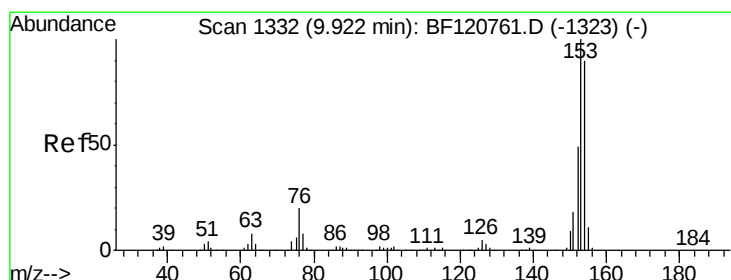
Instrument :
BNA_P
ClientSampleId :

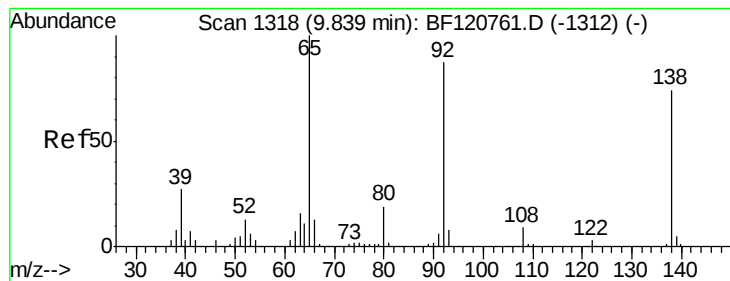
Tot Ion:165 Resp: 9446
Ion Ratio Lower Upper
165 100
63 83.1 54.0 81.0#
89 82.8 55.4 83.2



#52
Acenaphthene
Concen: 3.608 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF120772.D
Acq: 6 Jul 2020 15:16

Tgt Ion:154 Resp: 57319
Ion Ratio Lower Upper
154 100
153 113.8 88.6 132.8
152 54.5 43.6 65.4





#53

3-Nitroaniline

Concen: 2.823 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

Instrument :

BNA_P

ClientSampleId :

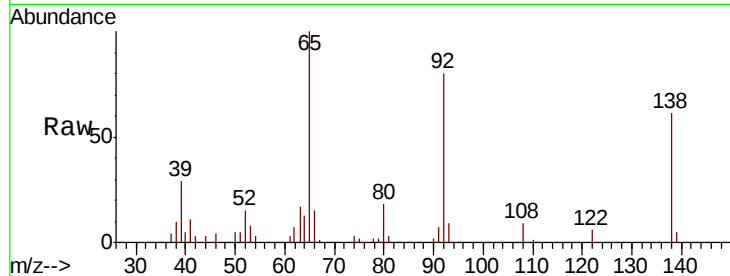
Tot Ion:138 Resp: 11618

Ion Ratio Lower Upper

138 100

108 15.5 9.8 14.6#

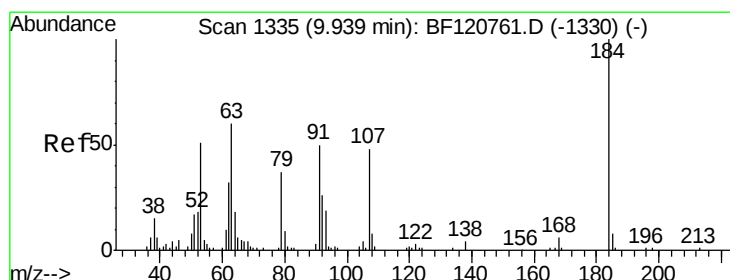
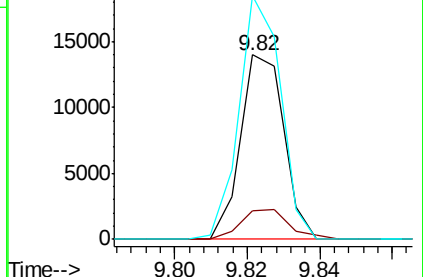
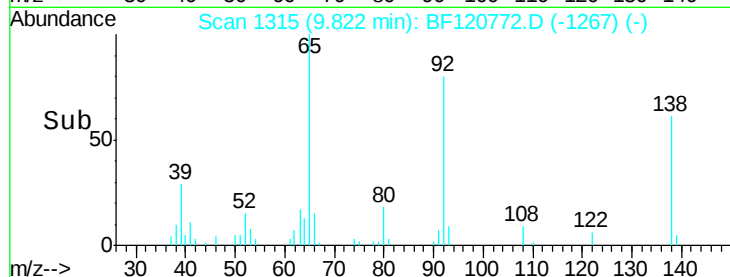
92 131.9 93.4 140.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 0.890 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

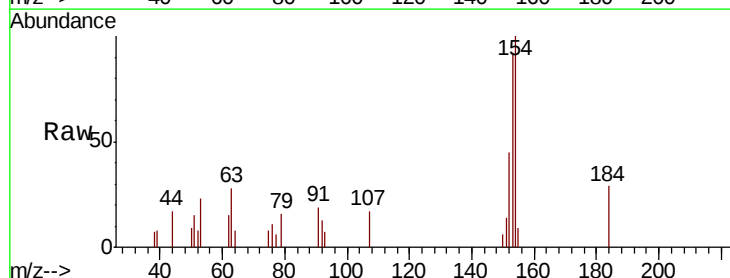
Tgt Ion:184 Resp: 979

Ion Ratio Lower Upper

184 100

63 98.2 57.3 85.9#

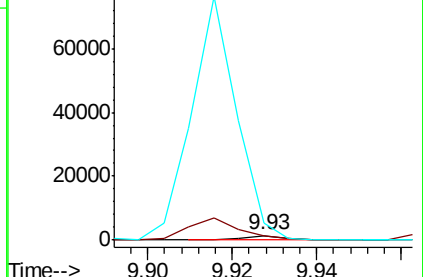
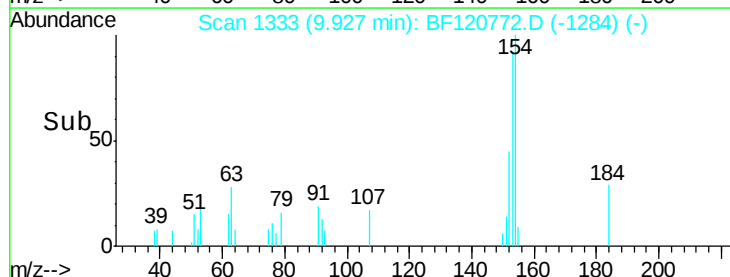
154 347.8 55.8 83.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

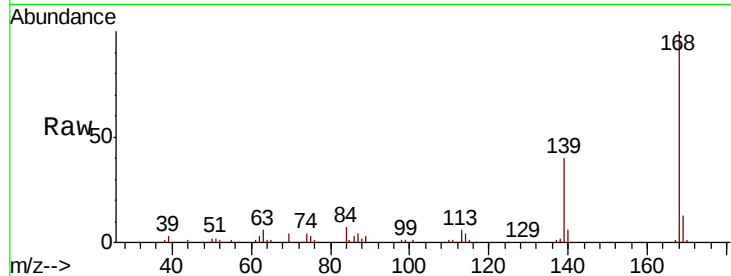




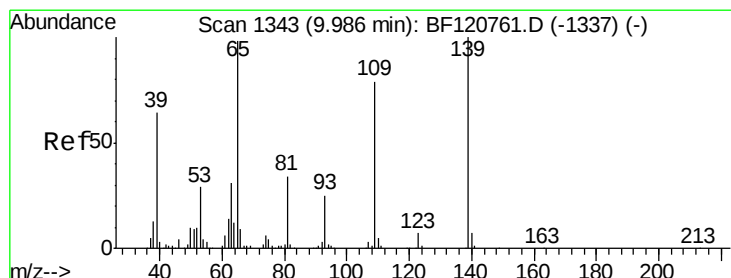
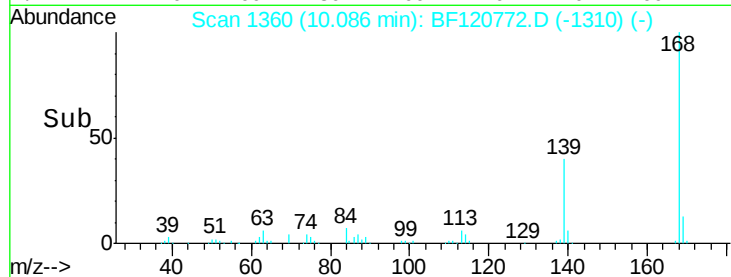
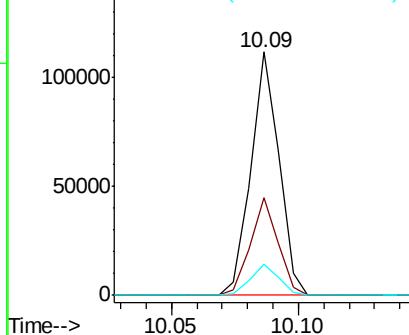
#55
Dibenzofuran
Concen: 3.777 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF120772.D
Acq: 6 Jul 2020 15:16

Instrument :
BNA_P
ClientSampled :

Tot Ion:168 Resp: 86490
Ion Ratio Lower Upper
168 100
139 40.1 31.3 46.9
169 13.0 11.2 16.8

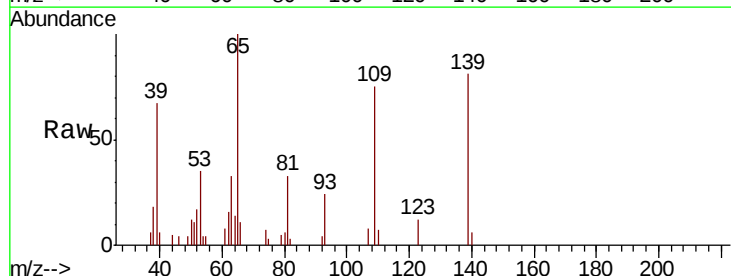


Abundance Ion 168.00 (167.70 to 168.70): E
150000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

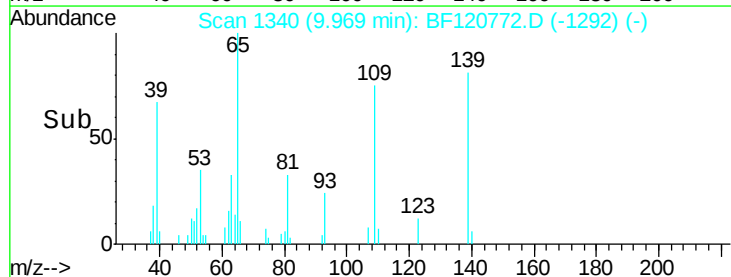
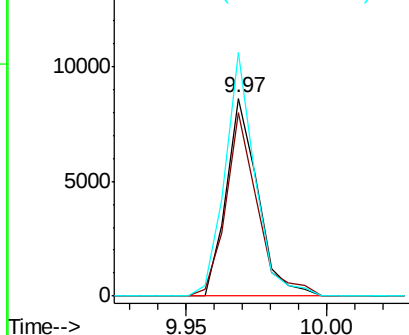


#56
4-Nitrophenol
Concen: 2.225 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF120772.D
Acq: 6 Jul 2020 15:16

Tgt Ion:139 Resp: 6726
Ion Ratio Lower Upper
139 100
109 92.4 58.6 98.6
65 123.0 78.7 118.7#



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

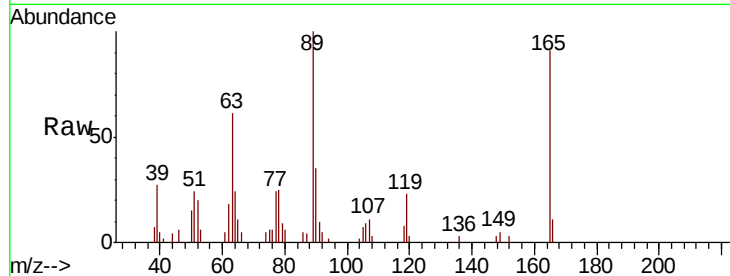




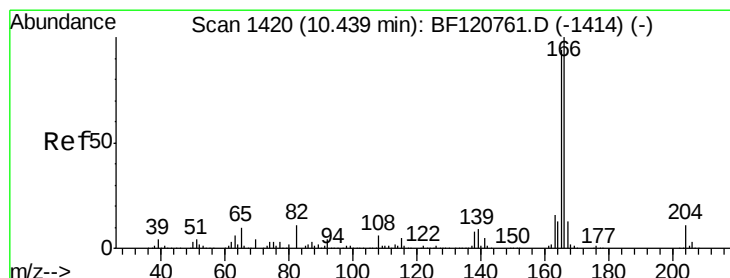
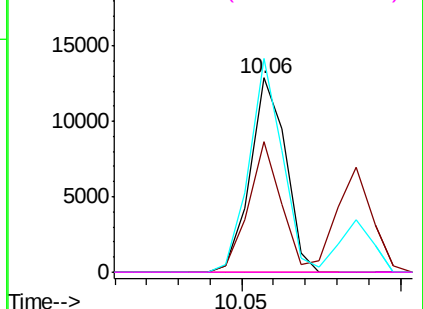
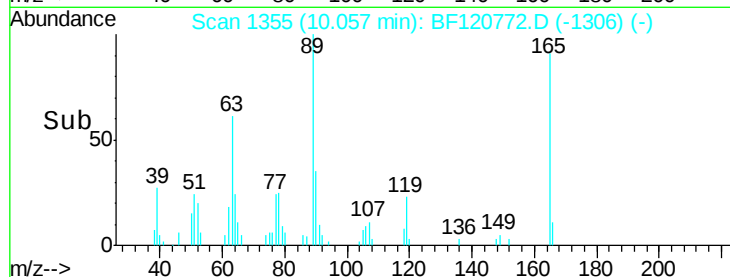
#57
2,4-Dinitrotoluene
Concen: 2.493 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF120772.D
Acq: 6 Jul 2020 15:16

Instrument :
BNA_P
ClientSampleId :

Tot Ion:165 Resp: 9968
Ion Ratio Lower Upper
165 100
63 67.5 43.8 65.8#
89 109.9 71.4 107.2#
182 0.0 1.8 2.6#

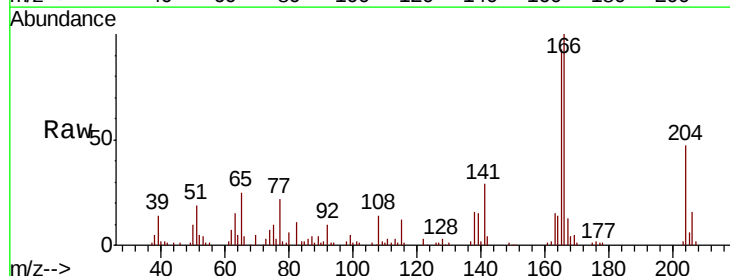


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

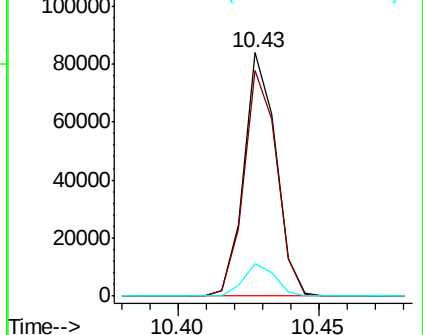
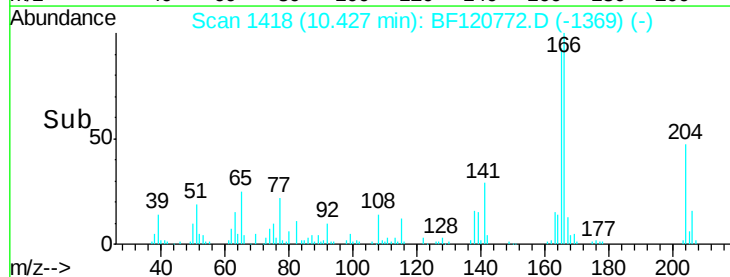


#58
Fluorene
Concen: 3.877 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF120772.D
Acq: 6 Jul 2020 15:16

Tgt Ion:166 Resp: 66072
Ion Ratio Lower Upper
166 100
165 92.6 75.5 113.3
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

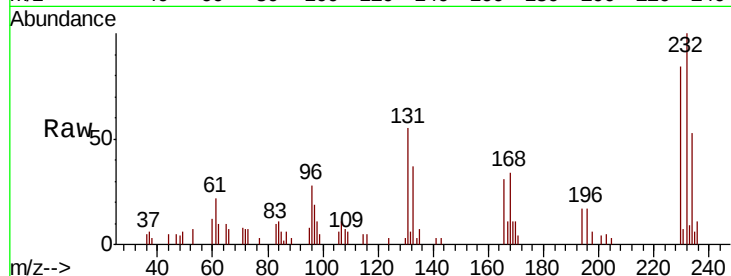




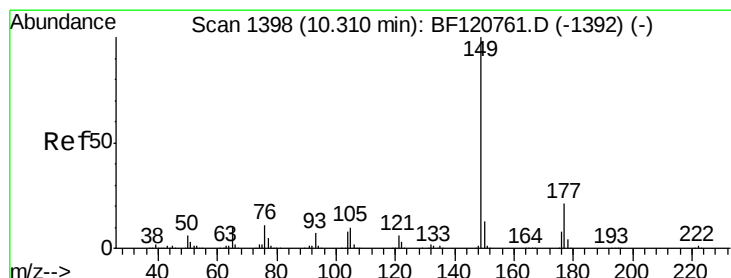
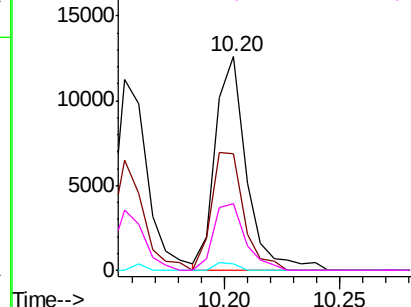
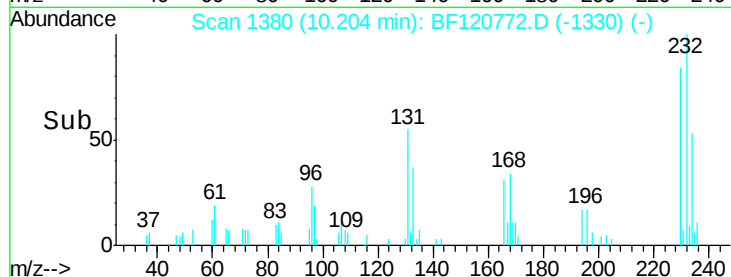
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 2.751 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF120772.D
 Acq: 6 Jul 2020 15:16

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:232 Resp: 11824
 Ion Ratio Lower Upper
 232 100
 131 56.7 36.3 54.5#
 130 2.5 2.0 3.0
 166 32.0 20.9 31.3#

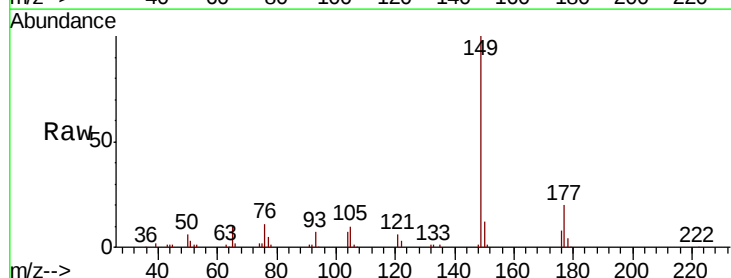


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

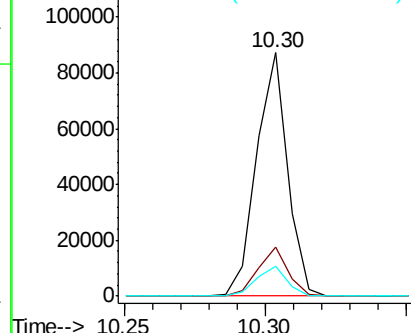
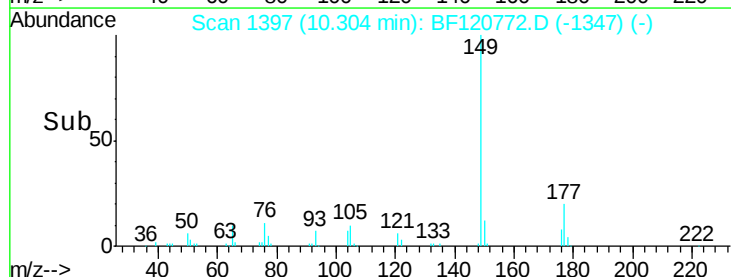


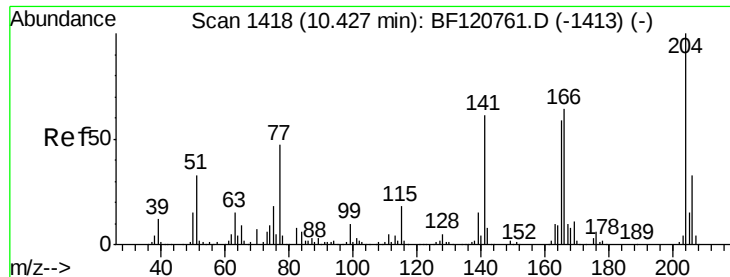
#60
 Diethylphthalate
 Concen: 3.468 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF120772.D
 Acq: 6 Jul 2020 15:16

Tgt Ion:149 Resp: 66596
 Ion Ratio Lower Upper
 149 100
 177 19.9 16.4 24.6
 150 12.3 10.2 15.4



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

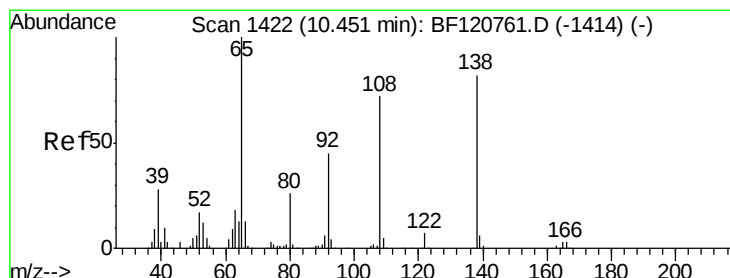
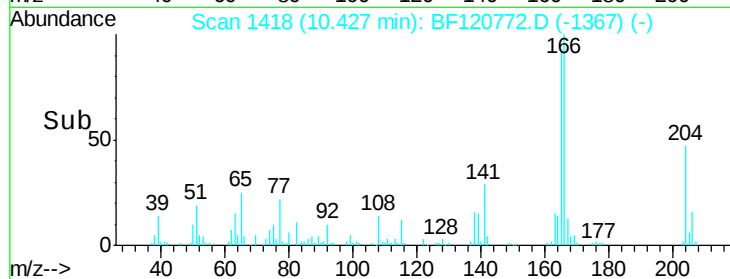
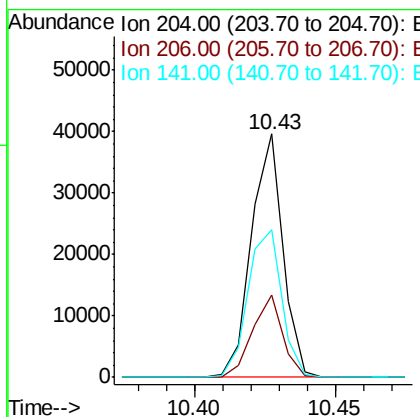
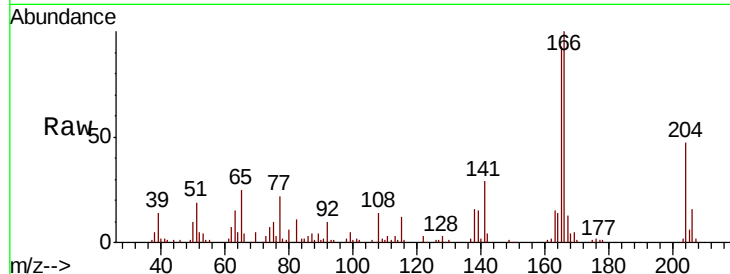




#61
 4-Chlorophenyl-phenylether
 Concen: 3.585 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF120772.D
 Acq: 6 Jul 2020 15:16

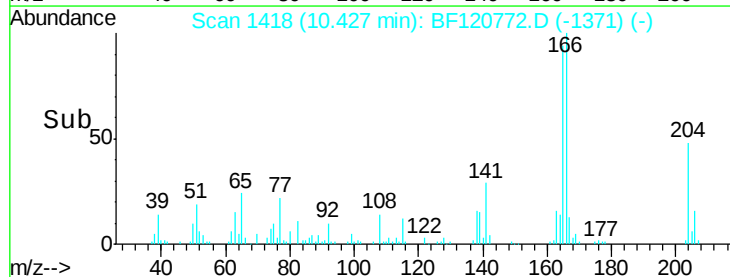
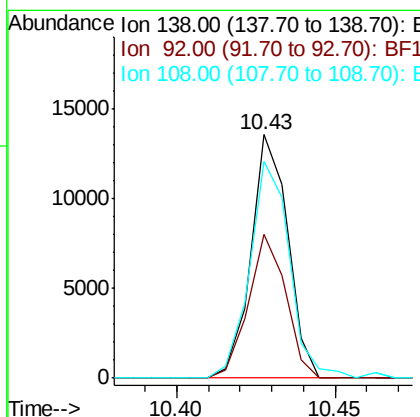
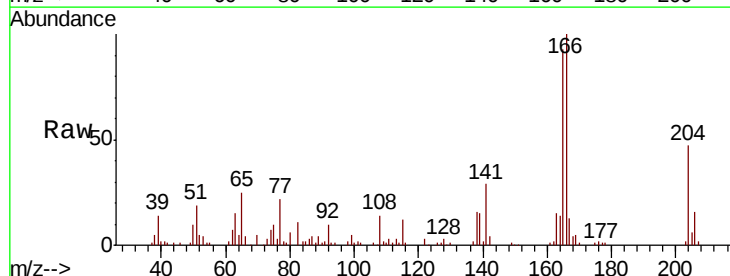
Instrument :
 BNA_P
 ClientSampled :

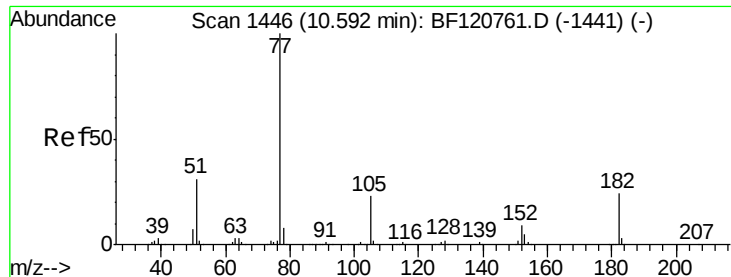
Tot Ion:204 Resp: 30712
 Ion Ratio Lower Upper
 204 100
 206 33.6 26.7 40.1
 141 60.9 48.5 72.7



#62
 4-Nitroaniline
 Concen: 2.794 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.02 min
 Lab File: BF120772.D
 Acq: 6 Jul 2020 15:16

Tgt Ion:138 Resp: 10946
 Ion Ratio Lower Upper
 138 100
 92 59.3 34.3 74.3
 108 88.8 68.3 108.3





#63

Azobenzene

Concen: 3.762 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

Instrument :

BNA_P

ClientSampleId :

Tot Ion: 77 Resp: 73914

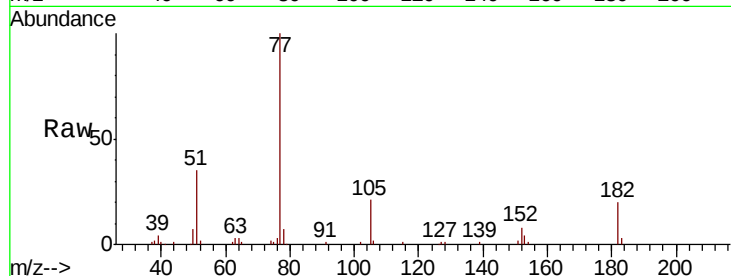
Ion Ratio Lower Upper

77 100

182 20.4 4.0 44.0

105 20.8 2.6 42.6

51 34.5 11.5 51.5

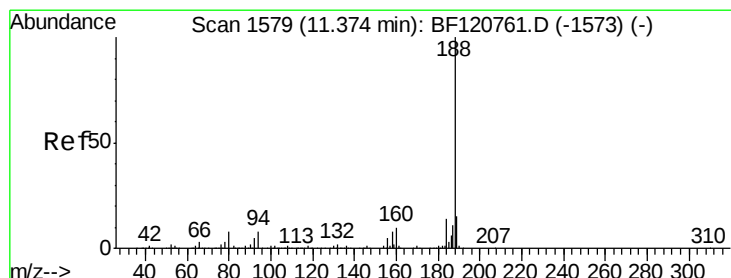
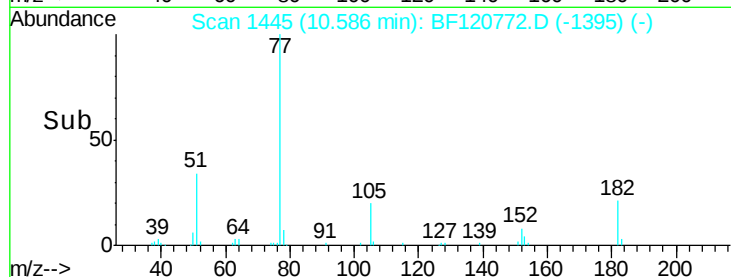
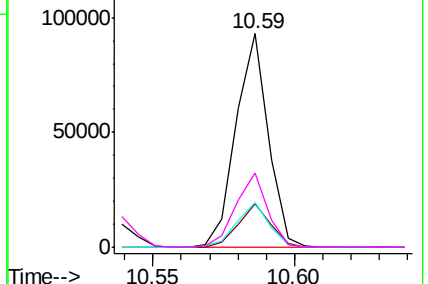


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

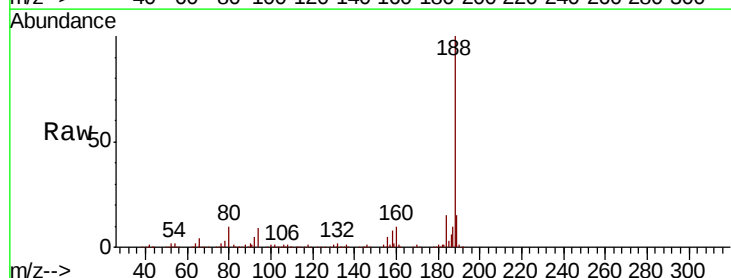
Tgt Ion: 188 Resp: 452705

Ion Ratio Lower Upper

188 100

94 9.3 6.6 9.8

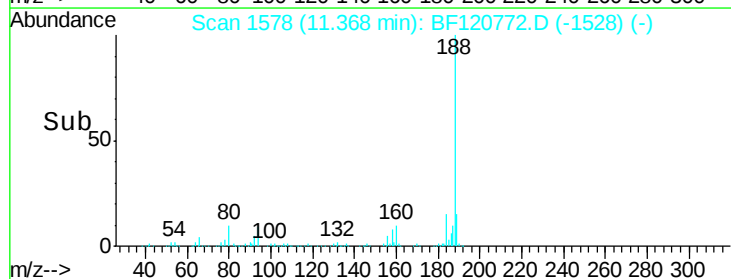
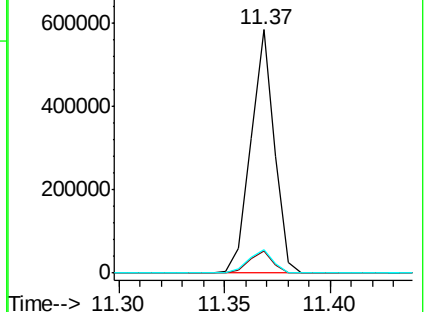
80 9.7 6.6 10.0



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

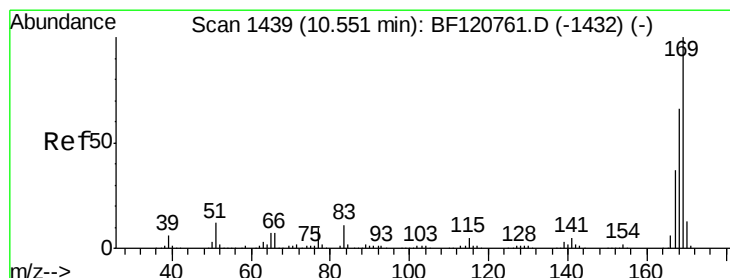
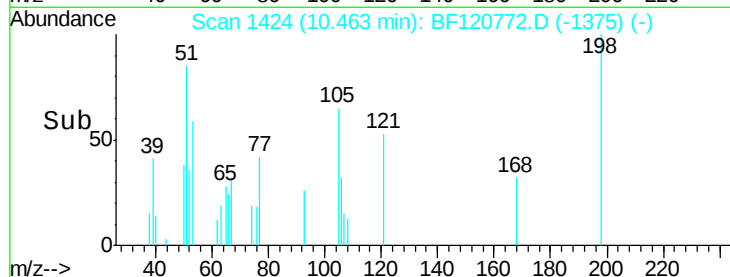
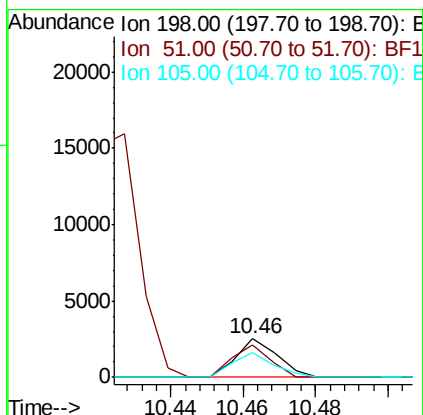
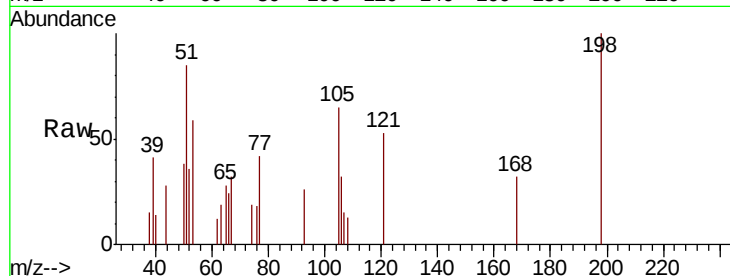




#65
 4,6-Dinitro-2-methylphenol
 Concen: 1.356 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF120772.D
 Acq: 6 Jul 2020 15:16

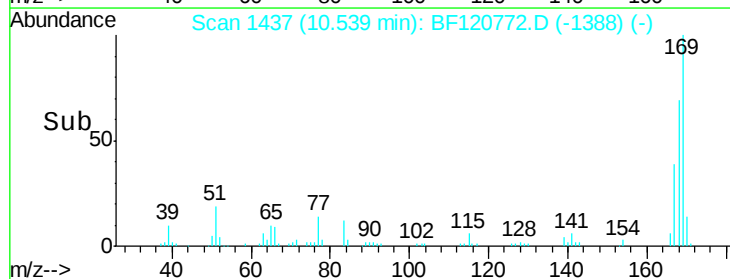
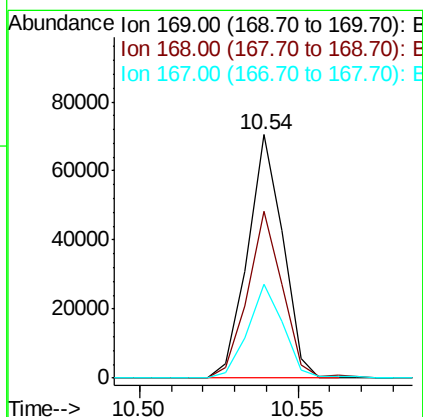
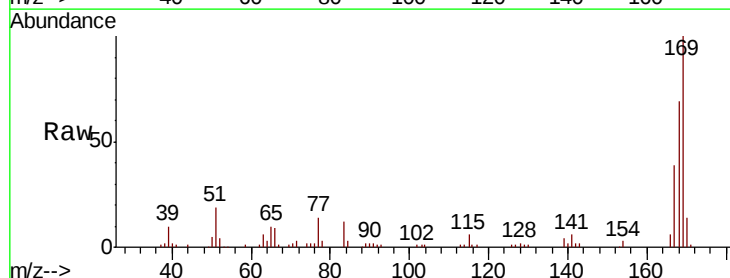
Instrument :
 BNA_P
 ClientSampled :

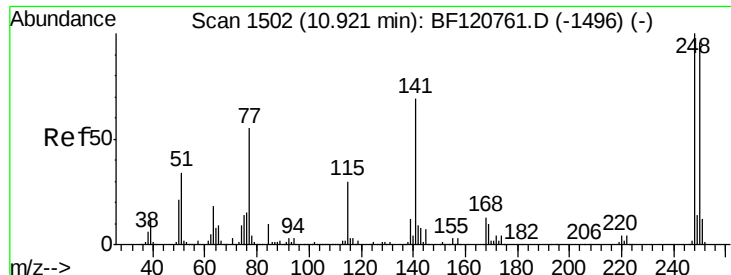
Tot Ion:198 Resp: 1973
 Ion Ratio Lower Upper
 198 100
 51 84.7 50.0 90.0
 105 65.2 38.3 78.3



#66
 n-Nitrosodiphenylamine
 Concen: 3.592 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF120772.D
 Acq: 6 Jul 2020 15:16

Tgt Ion:169 Resp: 54498
 Ion Ratio Lower Upper
 169 100
 168 68.7 53.1 79.7
 167 38.6 29.6 44.4

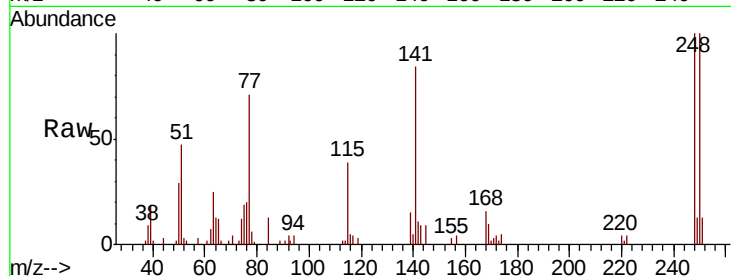




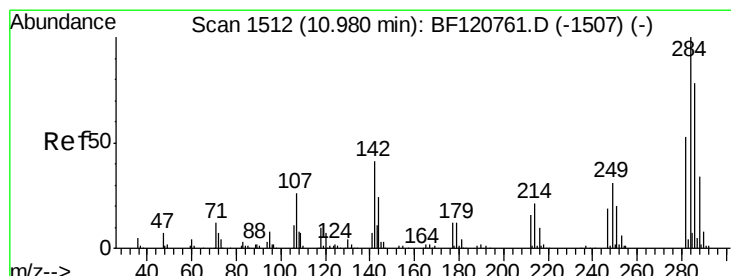
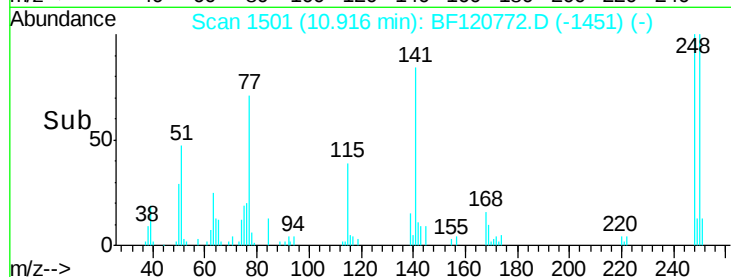
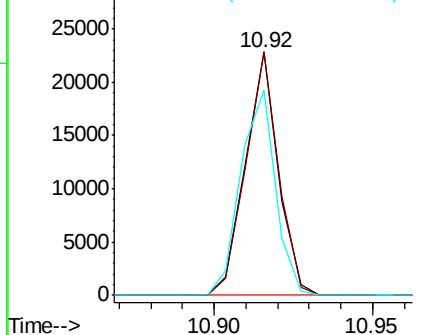
#67
 4-Bromophenyl-phenylether
 Concen: 3.115 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BF120772.D
 Acq: 6 Jul 2020 15:16

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:248 Resp: 16358
 Ion Ratio Lower Upper
 248 100
 250 99.9 76.5 114.7
 141 84.1 54.9 82.3#

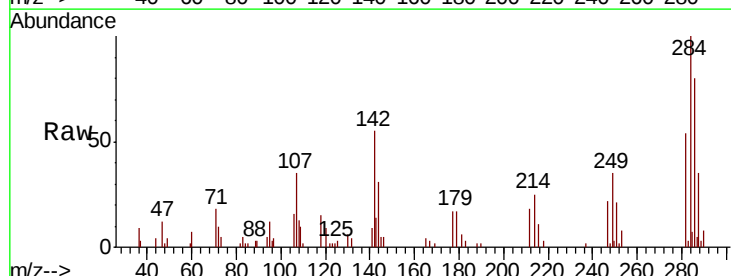


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

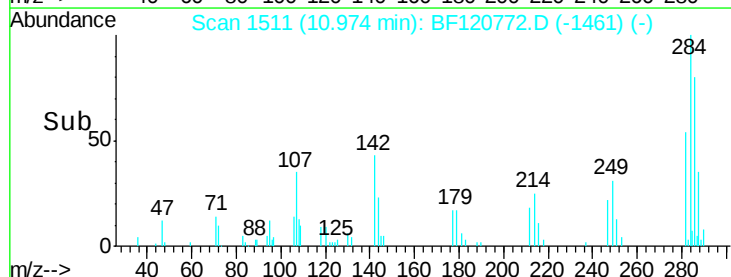
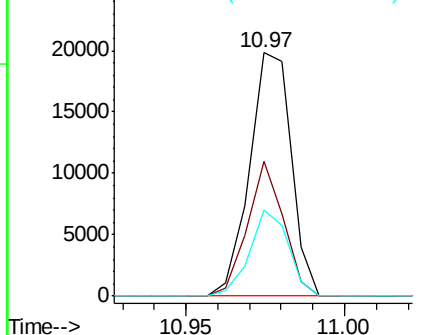


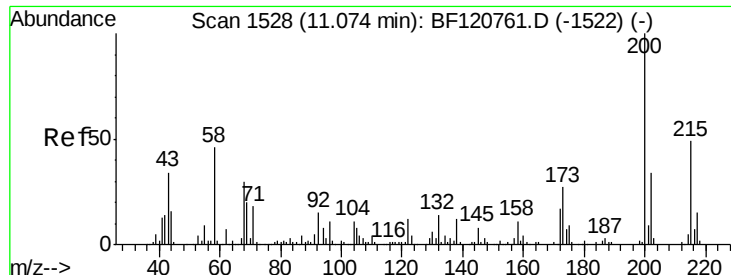
#68
 Hexachlorobenzene
 Concen: 3.287 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF120772.D
 Acq: 6 Jul 2020 15:16

Tgt Ion:284 Resp: 18111
 Ion Ratio Lower Upper
 284 100
 142 55.2 32.5 48.7#
 249 38.4 24.8 37.2#



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

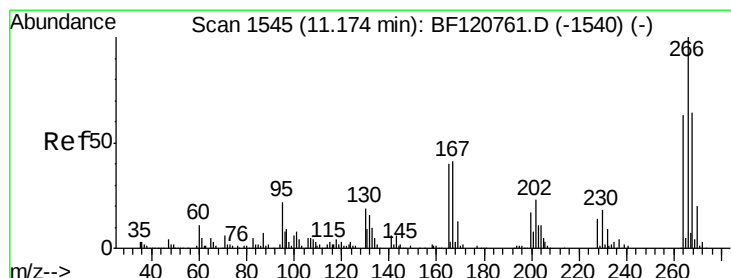
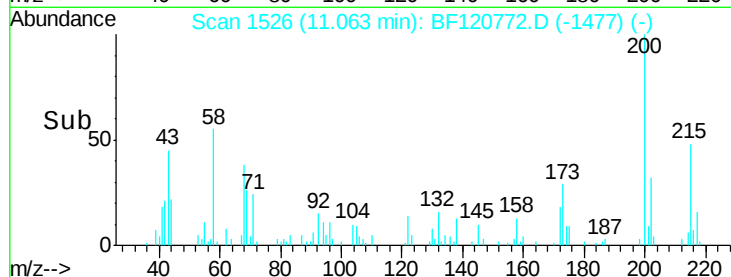
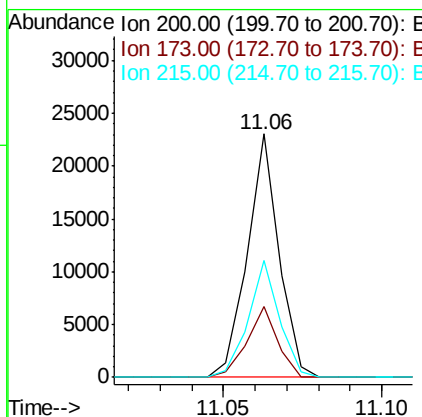
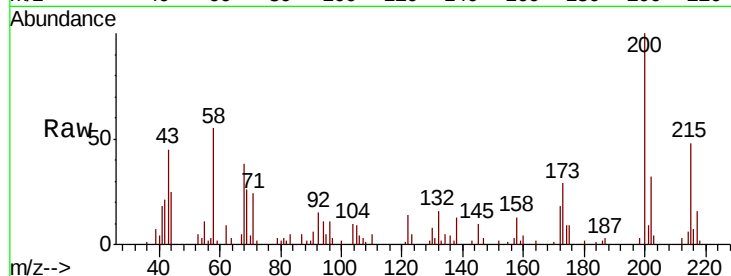




#69
Atrazine
Concen: 4.056 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF120772.D
Acq: 6 Jul 2020 15:16

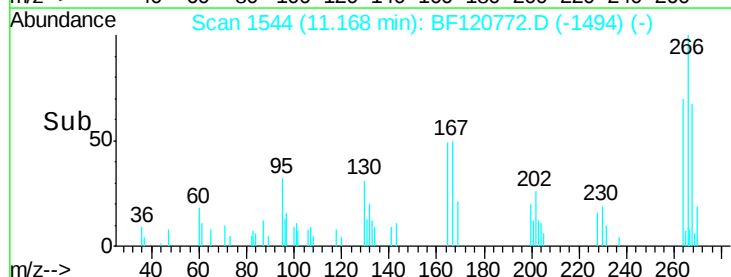
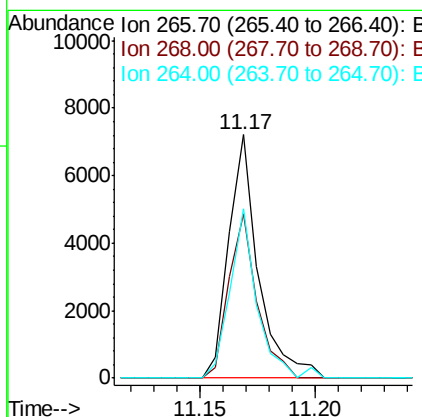
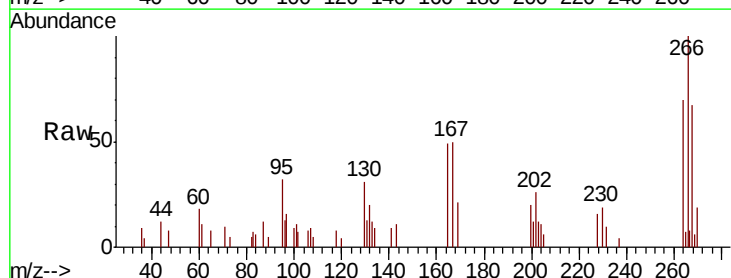
Instrument :
BNA_P
ClientSampleId :

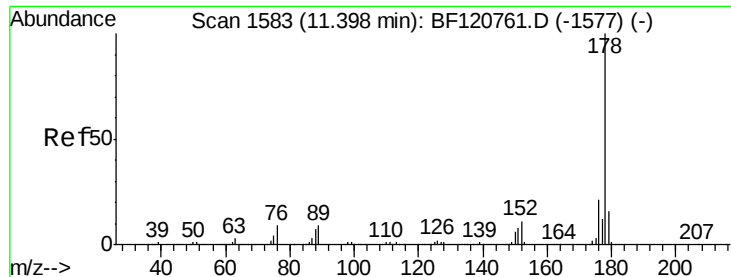
Tot Ion:200 Resp: 15854
Ion Ratio Lower Upper
200 100
173 29.1 7.4 47.4
215 48.0 28.8 68.8



#70
Pentachlorophenol
Concen: 2.076 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF120772.D
Acq: 6 Jul 2020 15:16

Tgt Ion:266 Resp: 6471
Ion Ratio Lower Upper
266 100
268 73.4 51.4 77.2
264 76.4 50.6 75.8#

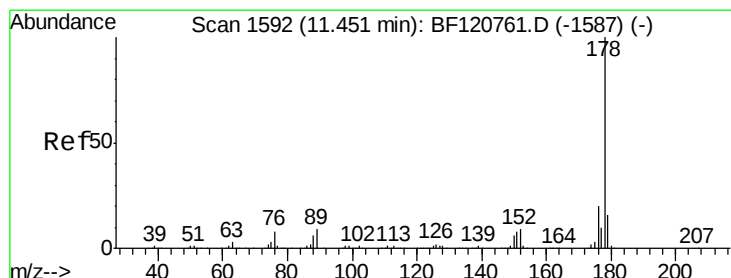
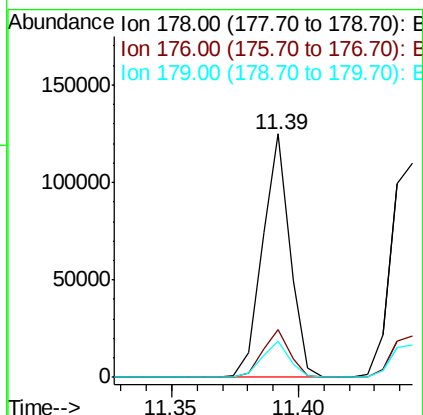
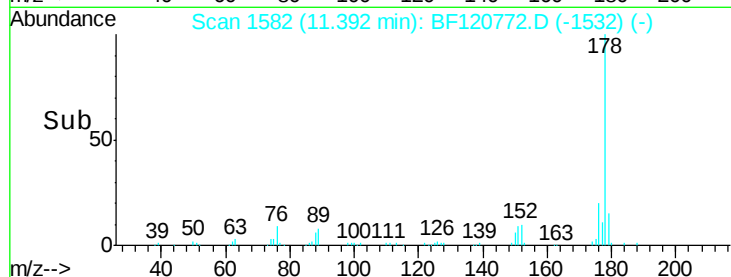
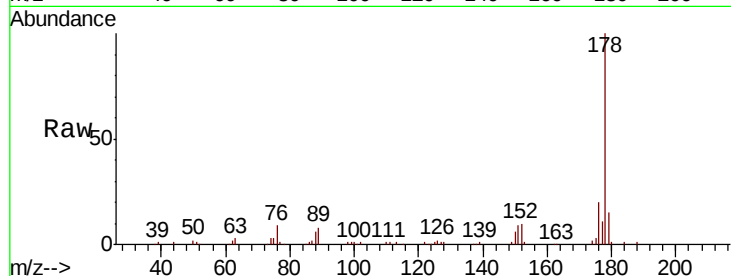




#71
 Phenanthrene
 Concen: 3.842 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF120772.D
 Acq: 6 Jul 2020 15:16

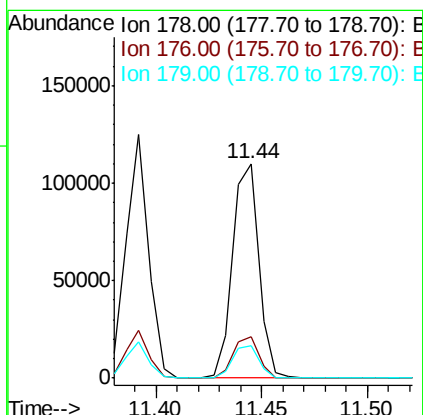
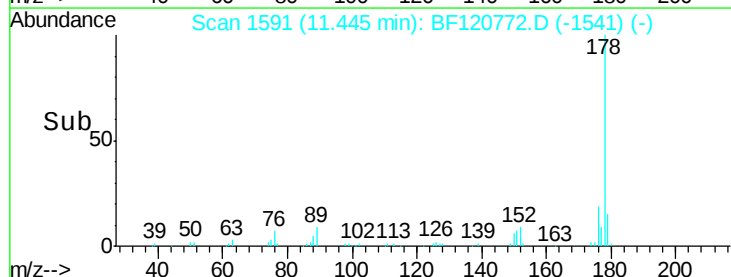
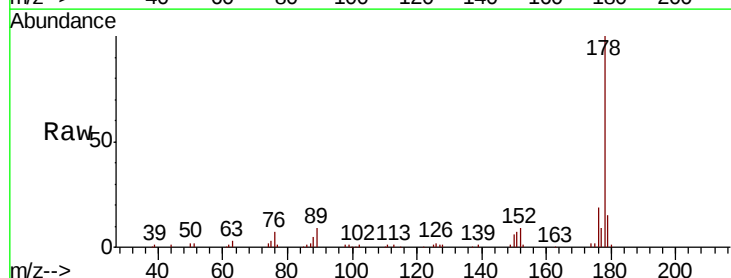
Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:178 Resp: 94382
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.4 24.6
 179 14.8 12.9 19.3



#72
 Anthracene
 Concen: 3.796 ng
 RT: 11.44 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF120772.D
 Acq: 6 Jul 2020 15:16

Tgt Ion:178 Resp: 94232
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.2 24.2
 179 14.9 12.7 19.1

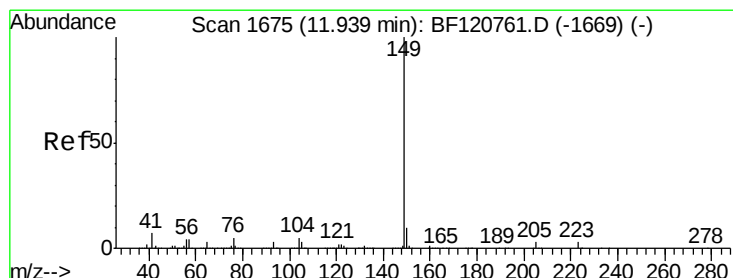
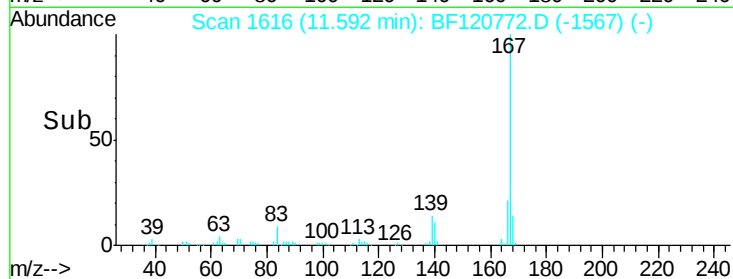
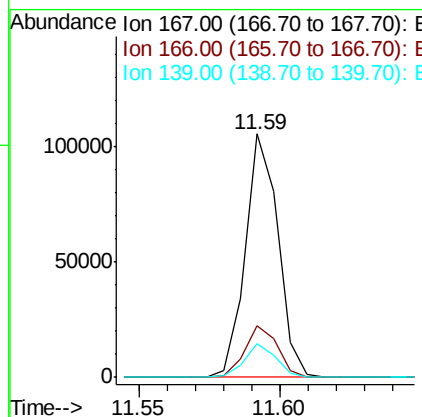
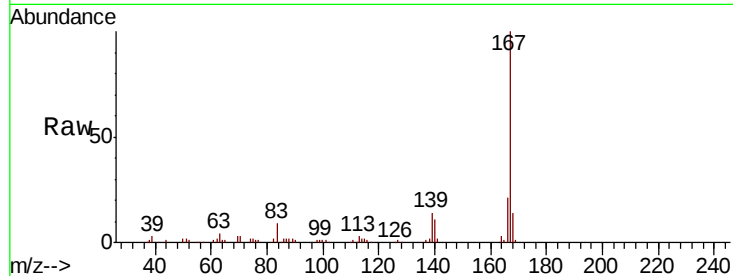




#73
 Carbazole
 Concen: 3.540 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF120772.D
 Acq: 6 Jul 2020 15:16

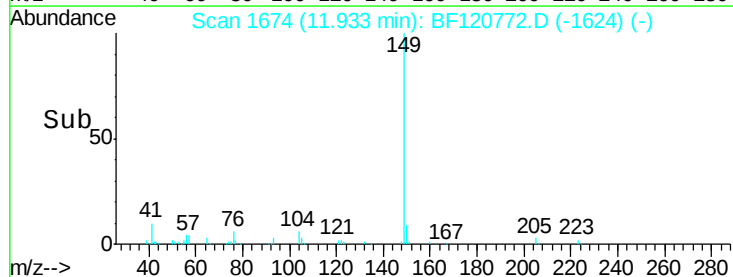
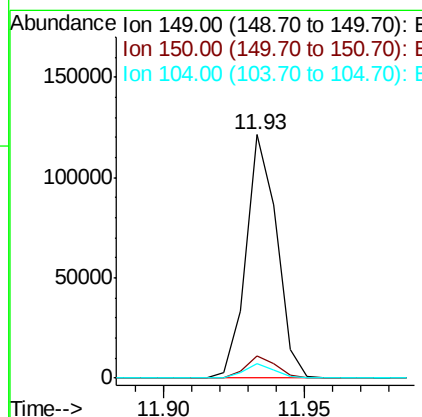
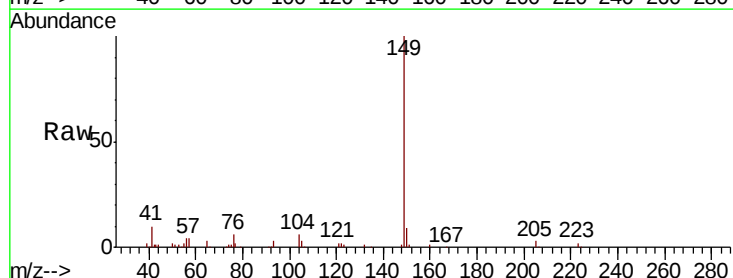
Instrument :
 BNA_P
 ClientSampleId :

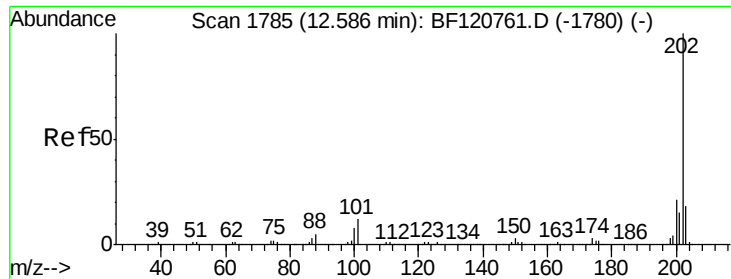
Tot Ion:167 Resp: 84444
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.8 26.8
 139 13.8 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 3.105 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF120772.D
 Acq: 6 Jul 2020 15:16

Tgt Ion:149 Resp: 91708
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.7 11.5
 104 5.8 4.0 6.0

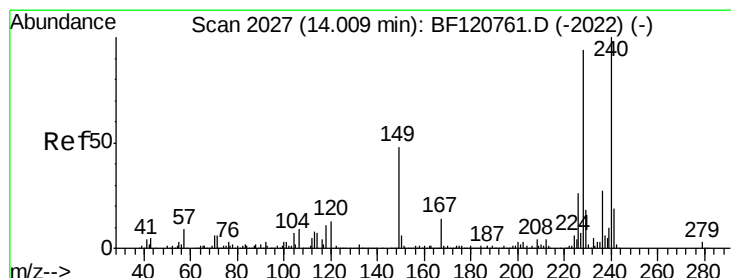
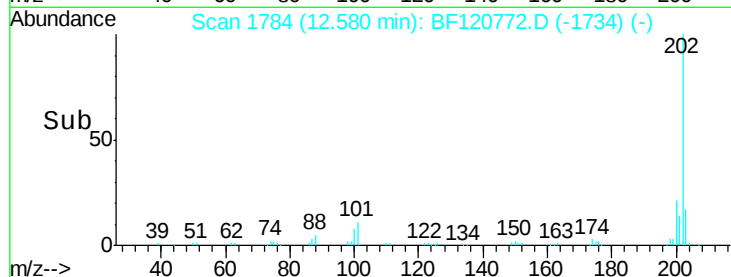
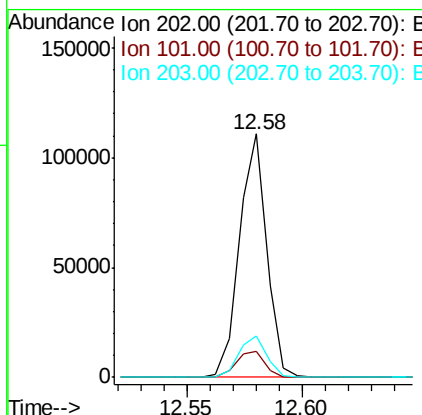
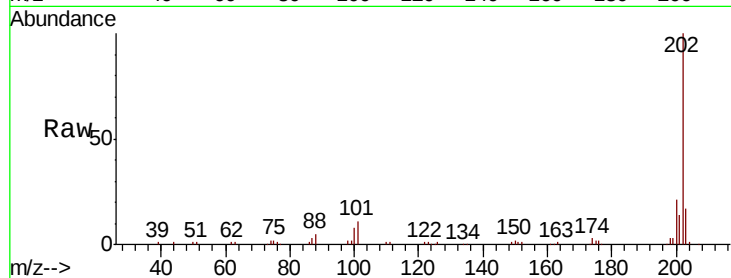




#75
 Fluoranthene
 Concen: 3.483 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BF120772.D
 Acq: 6 Jul 2020 15:16

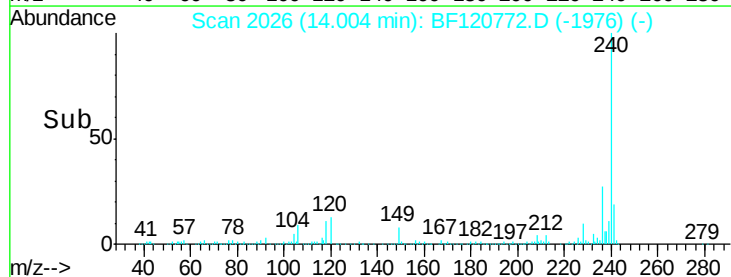
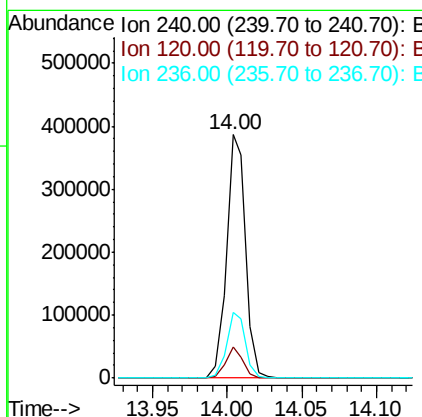
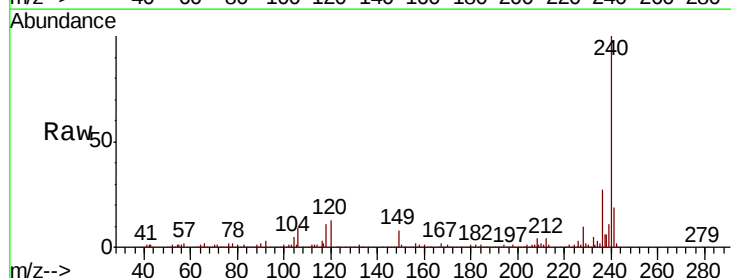
Instrument :
 BNA_P
 ClientSampled :

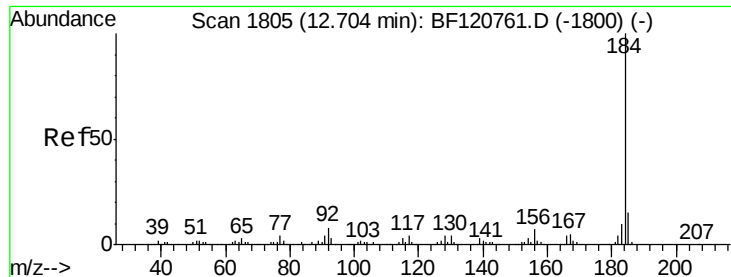
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.6
203	16.8	0.0	38.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF120772.D
 Acq: 6 Jul 2020 15:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.6	10.3	15.5
236	27.0	21.4	32.2





#77

Benzidine

Concen: 3.839 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

Instrument :

BNA_P

ClientSampled :

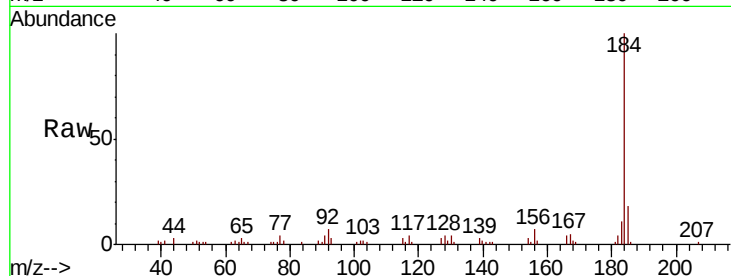
Tot Ion:184 Resp: 37844

Ion Ratio Lower Upper

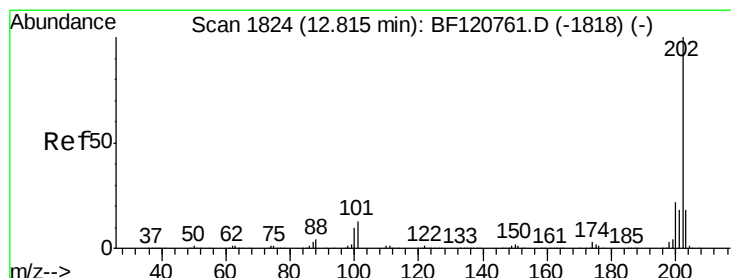
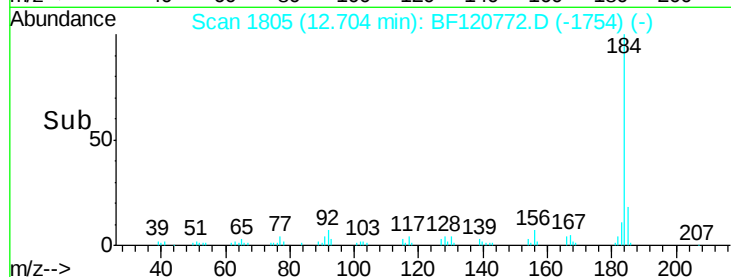
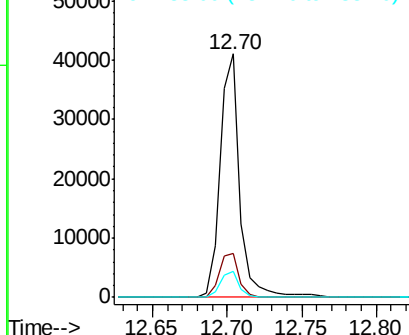
184 100

185 17.9 11.8 17.8#

183 10.7 8.3 12.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 3.419 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

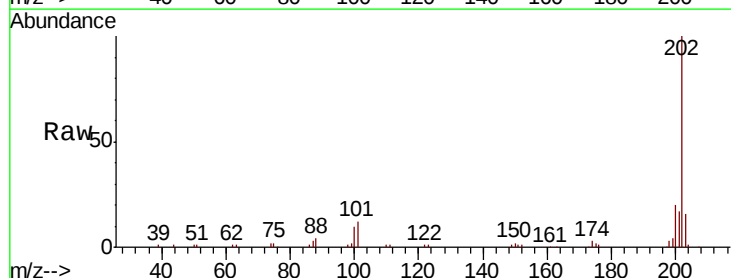
Tgt Ion:202 Resp: 95359

Ion Ratio Lower Upper

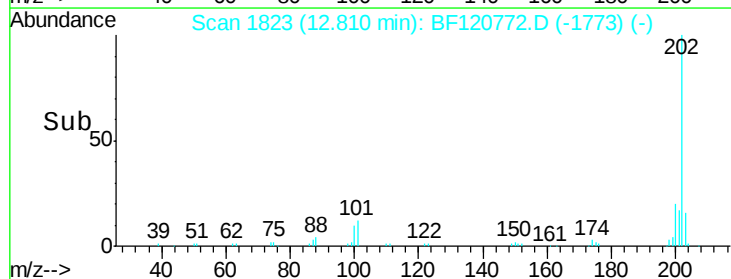
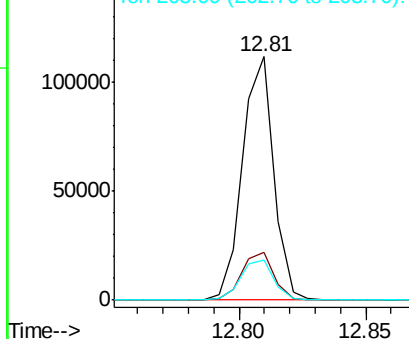
202 100

200 19.6 17.3 25.9

203 16.5 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 97.008 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

Instrument :

BNA_P

ClientSampleId :

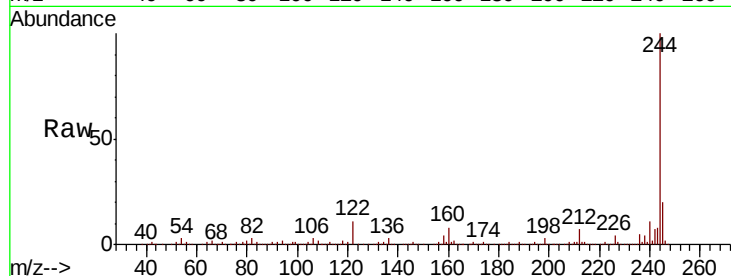
Tot Ion:244 Resp: 1730272

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

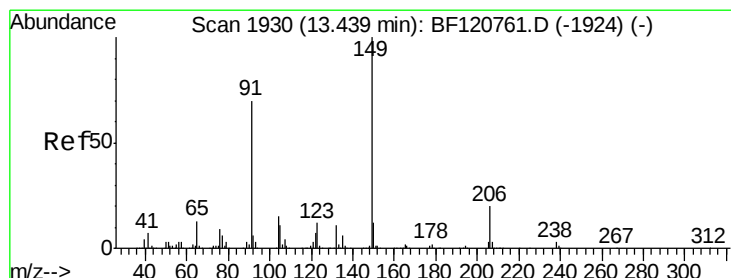
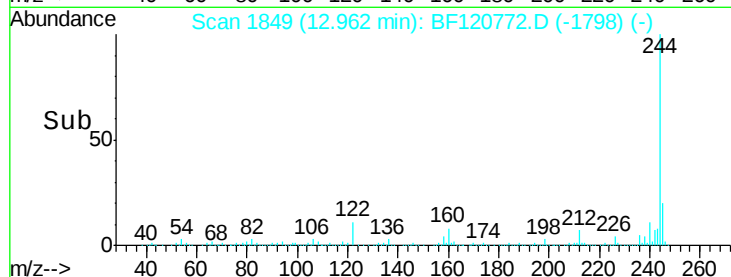
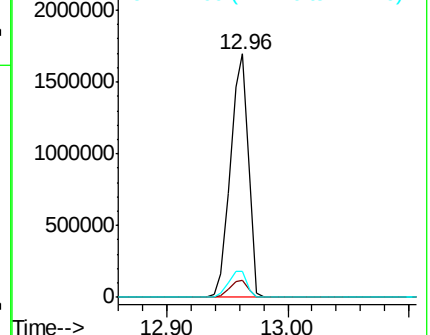
122 10.9 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 2.289 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

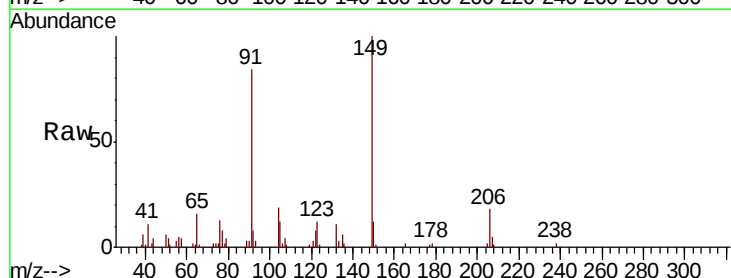
Tgt Ion:149 Resp: 27560

Ion Ratio Lower Upper

149 100

91 83.7 55.8 83.8

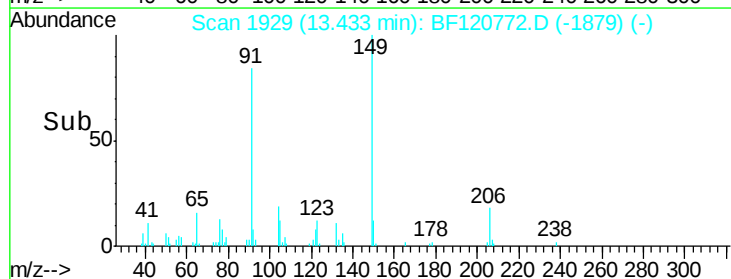
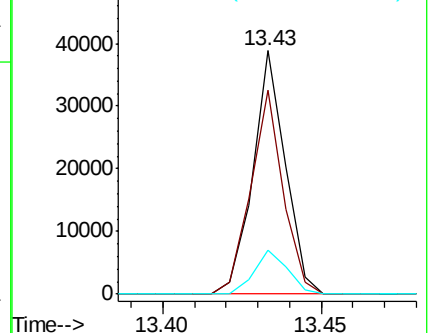
206 18.0 15.7 23.5

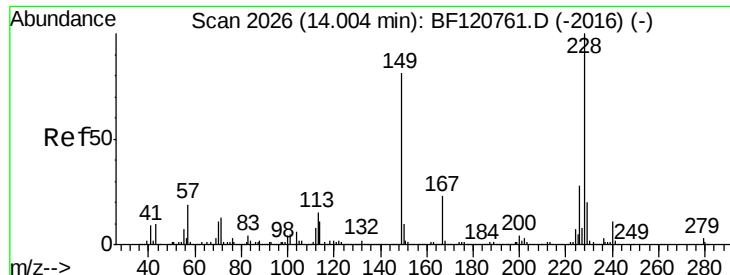


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 3.694 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

Instrument :

BNA_P

ClientSampleId :

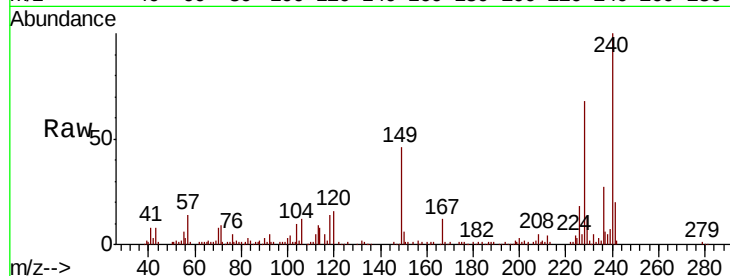
Tot Ion:228 Resp: 82696

Ion Ratio Lower Upper

228 100

226 26.8 22.6 33.8

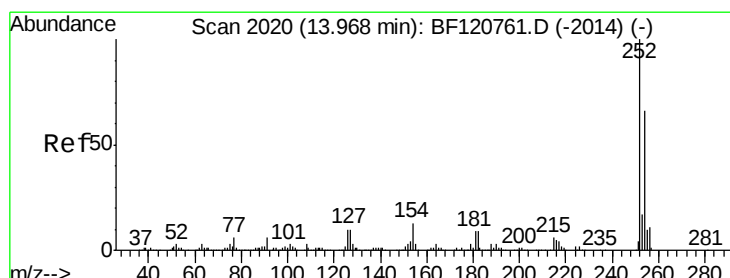
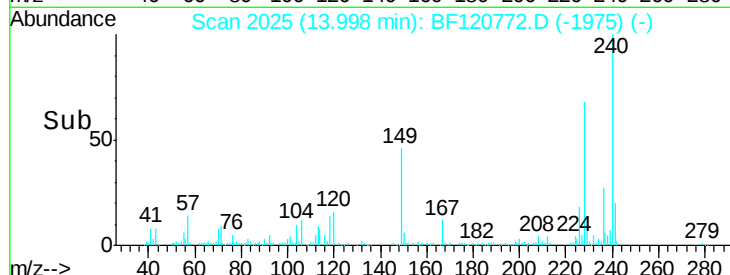
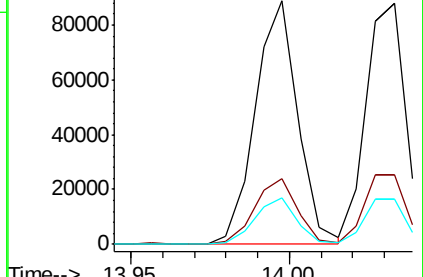
229 19.2 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 3.191 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

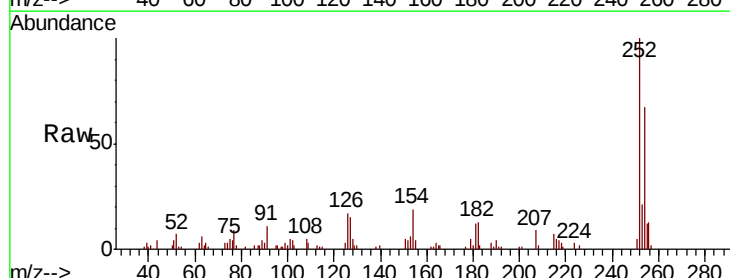
Tgt Ion:252 Resp: 24109

Ion Ratio Lower Upper

252 100

254 66.7 52.6 78.8

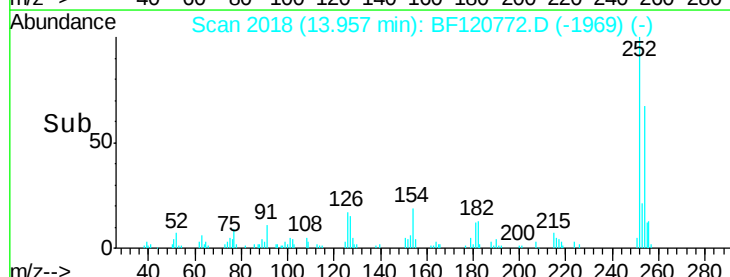
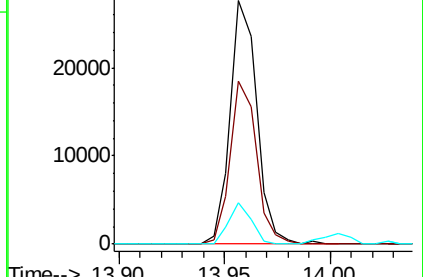
126 17.0 7.8 11.8#

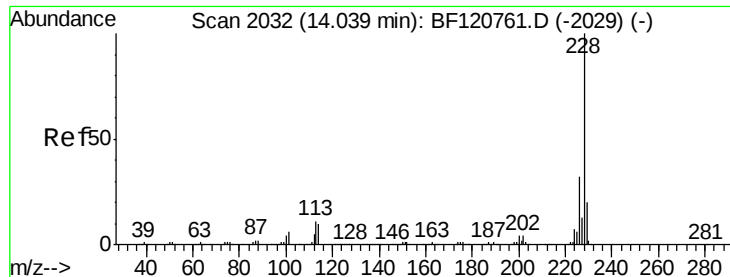


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

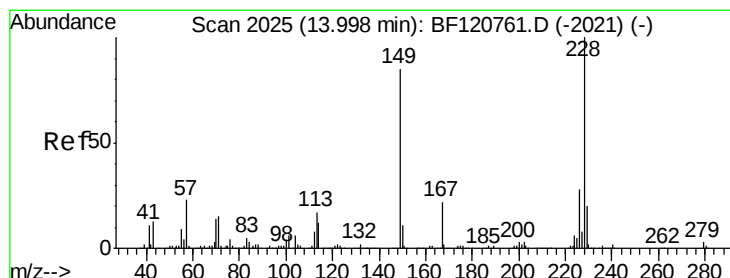
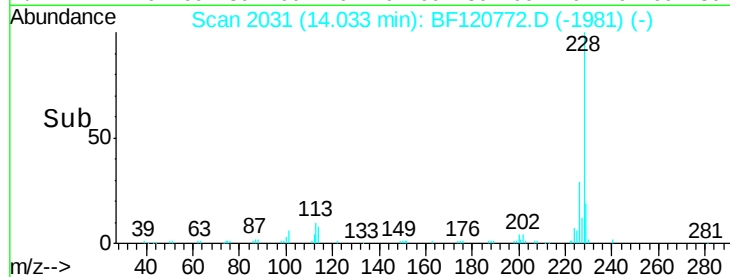
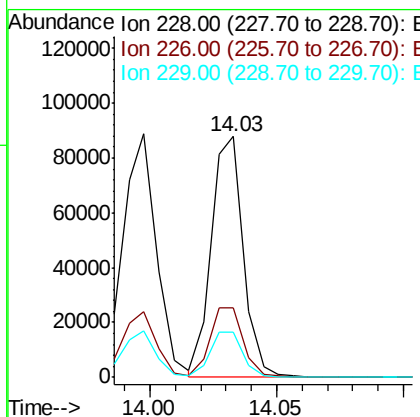
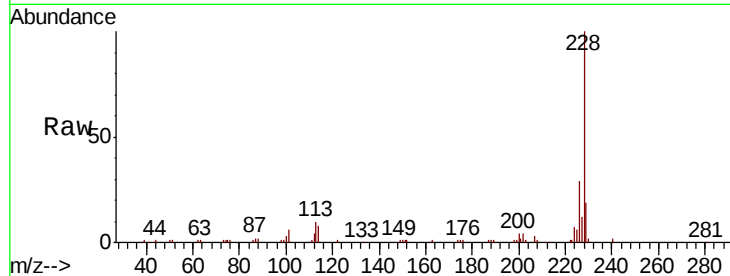




#83
 Chrvsene
 Concen: 3.391 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF120772.D
 Acq: 6 Jul 2020 15:16

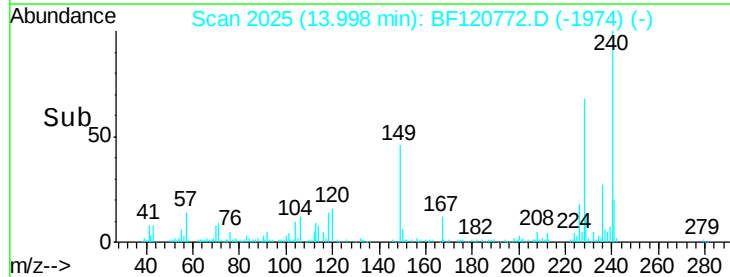
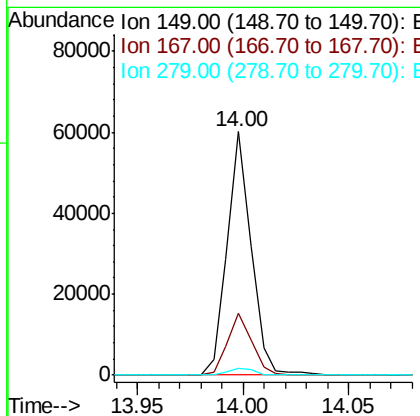
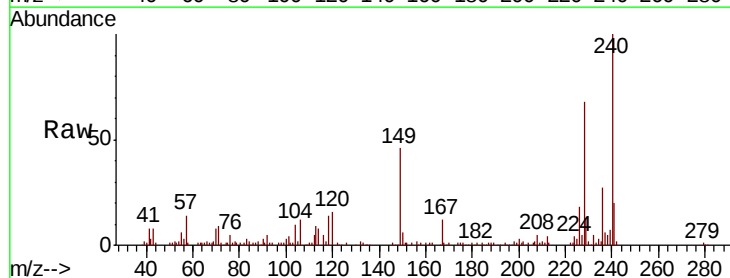
Instrument :
 BNA_P
 ClientSampled :

Tot Ion:228 Resp: 77436
 Ion Ratio Lower Upper
 228 100
 226 29.0 25.7 38.5
 229 18.8 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.002 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF120772.D
 Acq: 6 Jul 2020 15:16

Tgt Ion:149 Resp: 47398
 Ion Ratio Lower Upper
 149 100
 167 25.2 20.9 31.3
 279 2.8 2.6 4.0

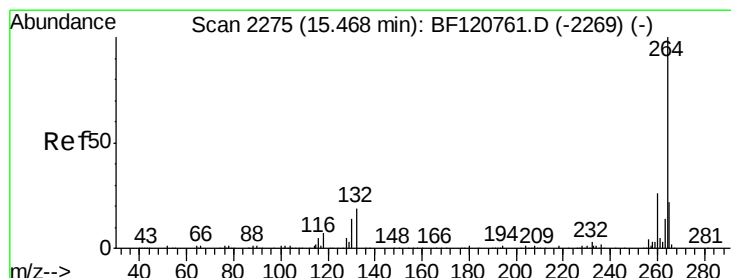
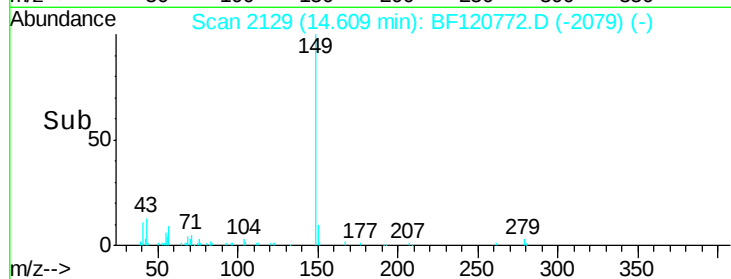
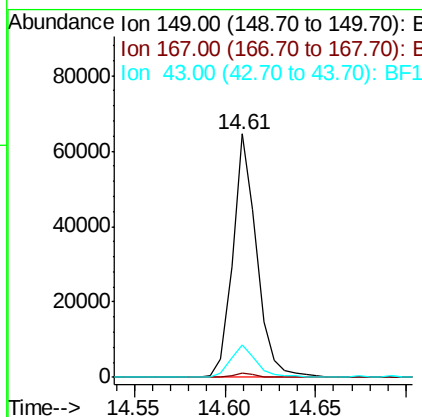
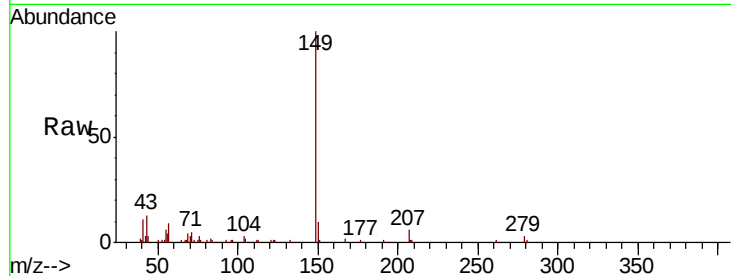




#85
Di-n-octyl phthalate
Concen: 2.114 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF120772.D
Acq: 6 Jul 2020 15:16

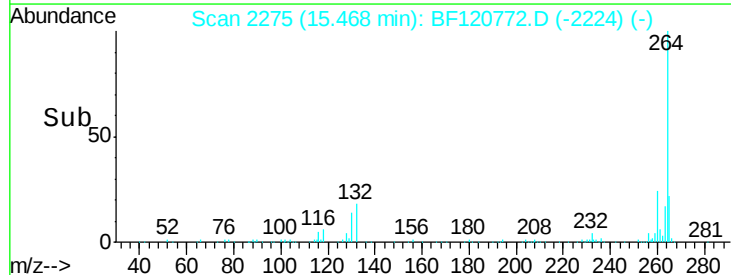
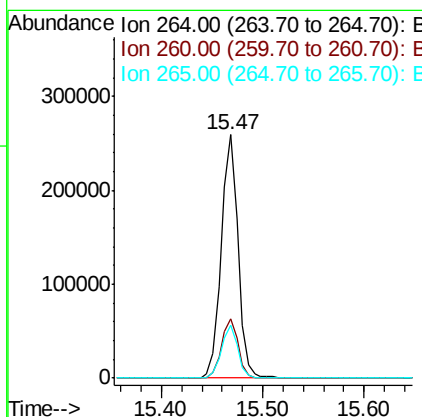
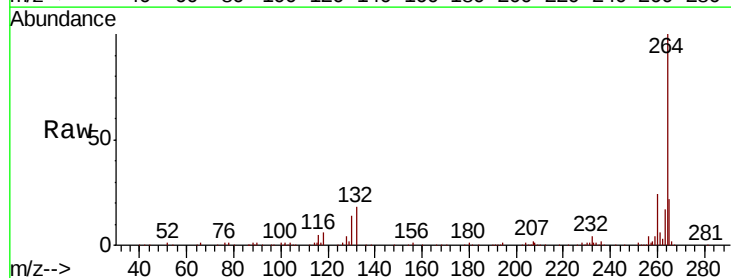
Instrument :
BNA_P
ClientSampleId :

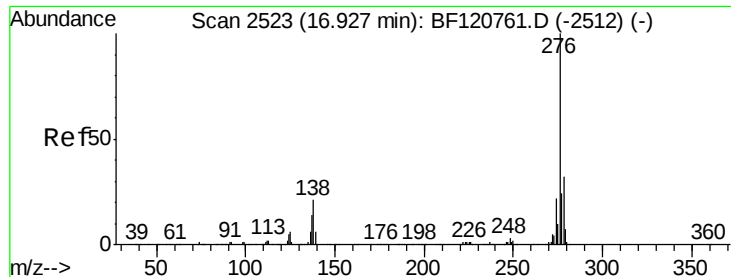
Tot Ion:149 Resp: 59048
Ion Ratio Lower Upper
149 100
167 1.3 1.2 1.8
43 14.2 8.7 13.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BF120772.D
Acq: 6 Jul 2020 15:16

Tgt Ion:264 Resp: 298059
Ion Ratio Lower Upper
264 100
260 24.3 20.6 30.8
265 21.5 17.6 26.4

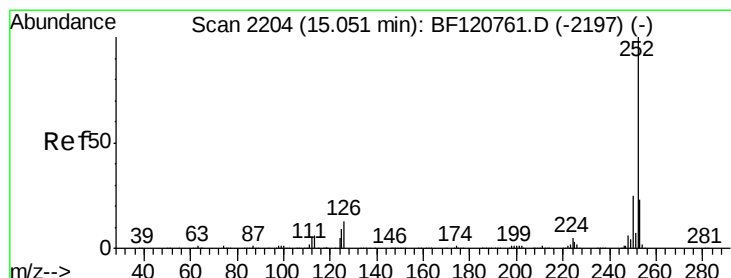
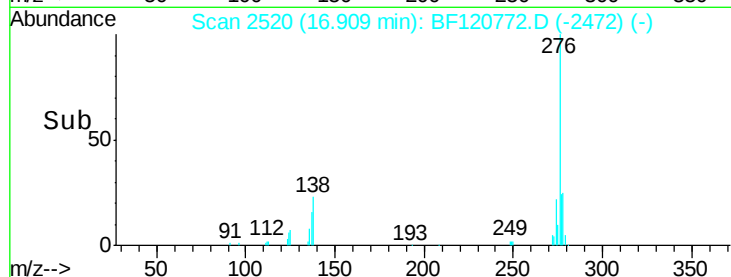
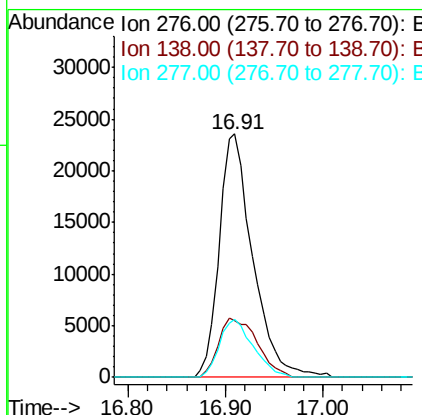
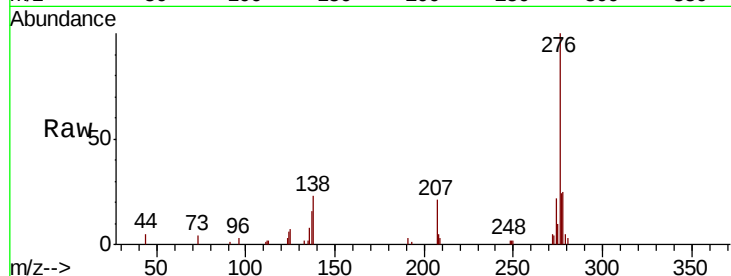




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.933 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BF120772.D
Acq: 6 Jul 2020 15:16

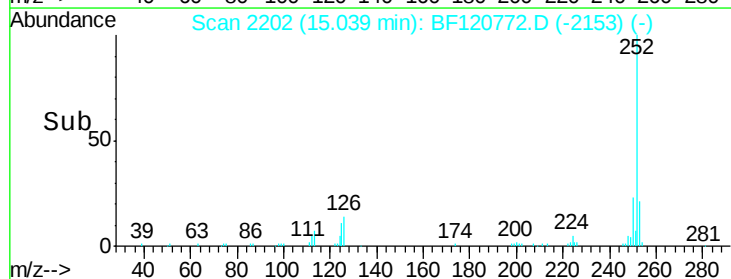
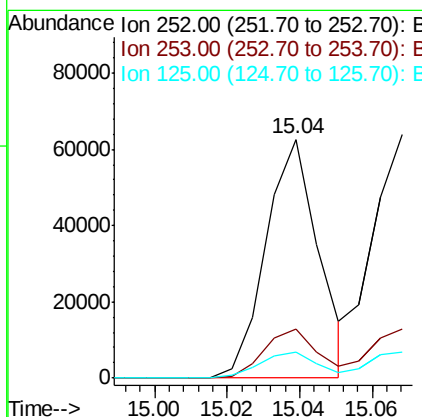
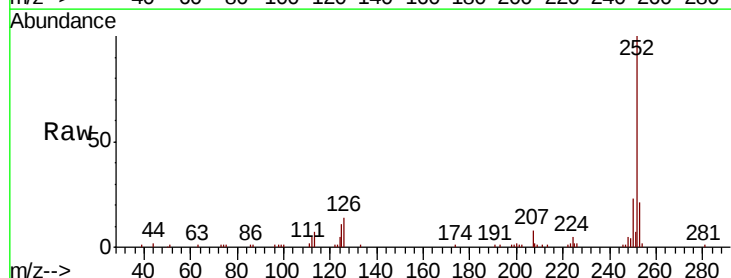
Instrument :
BNA_P
ClientSampleId :

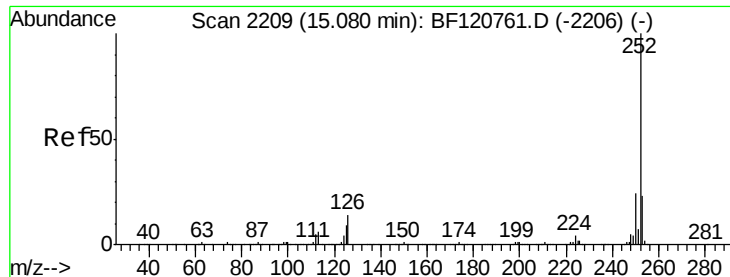
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.0	19.8	29.8
277	23.8	19.9	29.9



#88
Benzo(b)fluoranthene
Concen: 3.229 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF120772.D
Acq: 6 Jul 2020 15:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.6	18.0	27.0
125	10.7	7.5	11.3

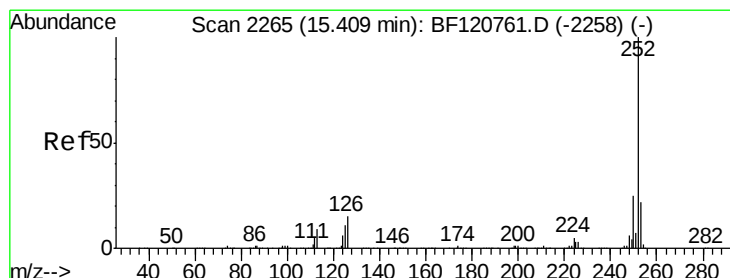
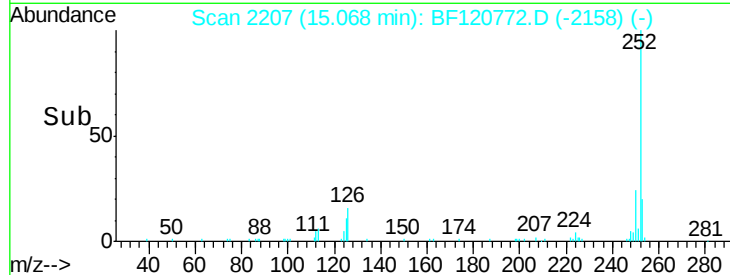
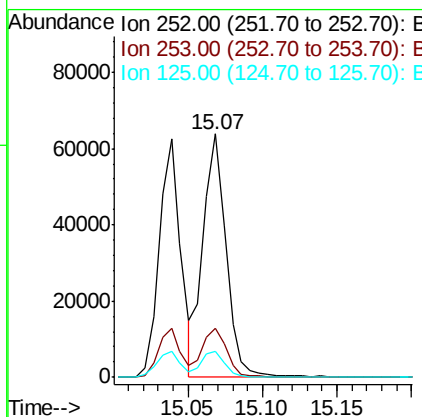
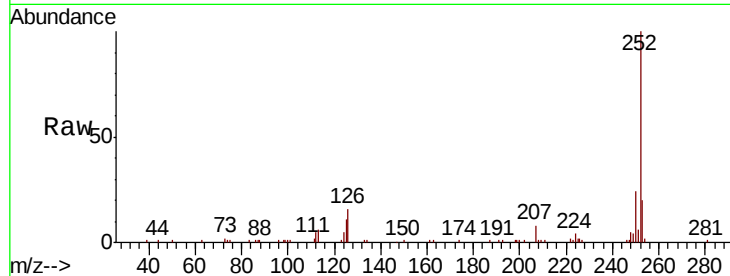




#89
Benzo(k)fluoranthene
Concen: 3.595 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF120772.D
Acq: 6 Jul 2020 15:16

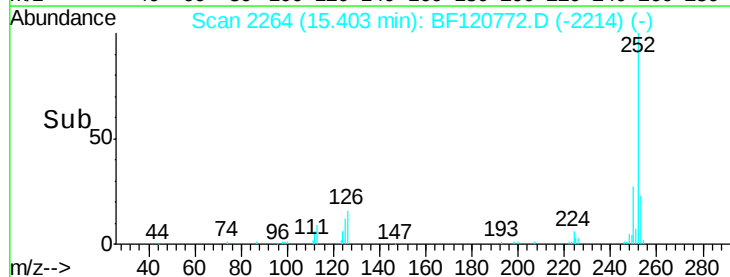
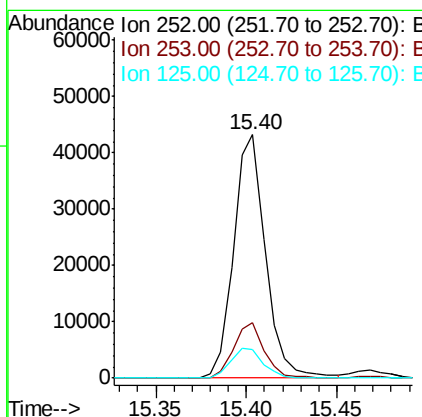
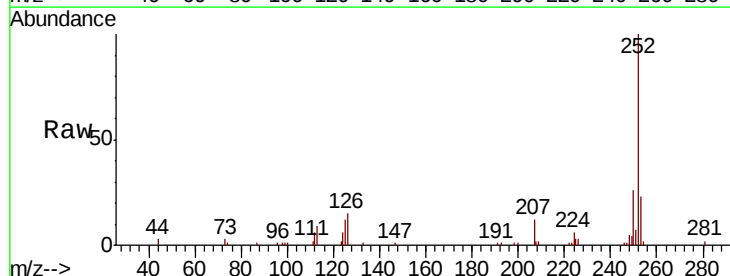
Instrument :
BNA_P
ClientSampleId :

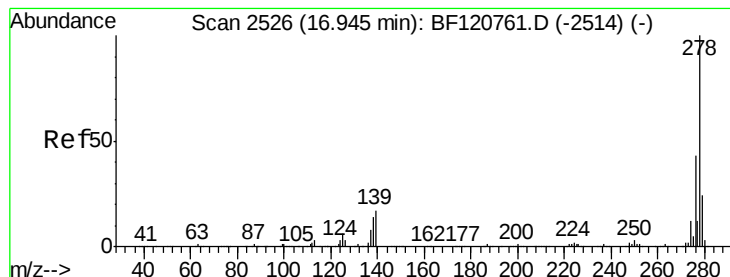
Tot Ion:252 Resp: 68550
Ion Ratio Lower Upper
252 100
253 20.2 17.9 26.9
125 10.6 7.6 11.4



#90
Benzo(a)pyrene
Concen: 3.021 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF120772.D
Acq: 6 Jul 2020 15:16

Tgt Ion:252 Resp: 52801
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 11.5 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 2.902 ng

RT: 16.93 min Scan# 2523

Delta R.T. -0.02 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

Instrument :

BNA_P

ClientSampleId :

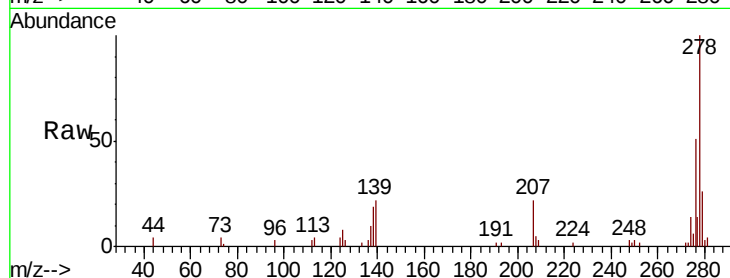
Tot Ion:278 Resp: 46248

Ion Ratio Lower Upper

278 100

139 21.6 13.3 19.9#

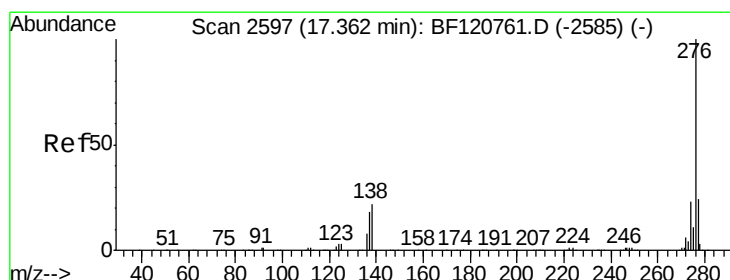
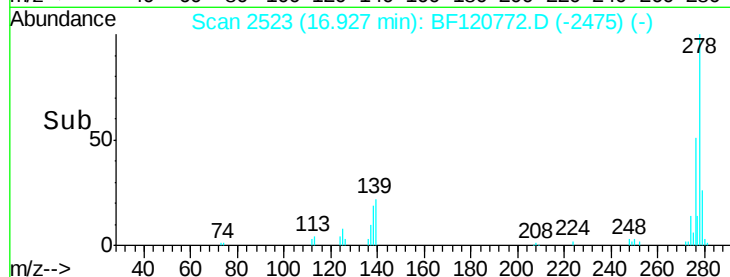
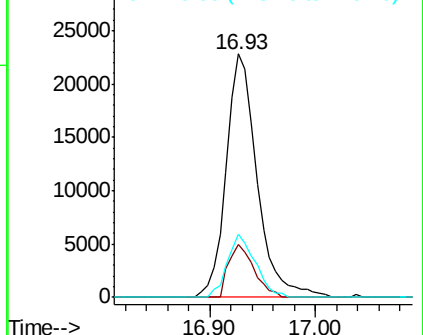
279 26.0 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 3.171 ng

RT: 17.34 min Scan# 2593

Delta R.T. -0.02 min

Lab File: BF120772.D

Acq: 6 Jul 2020 15:16

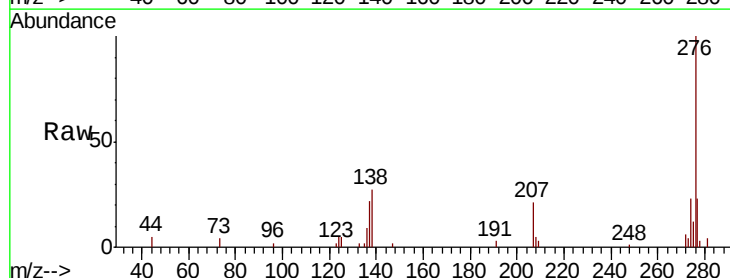
Tgt Ion:276 Resp: 46175

Ion Ratio Lower Upper

276 100

277 22.6 18.8 28.2

138 26.9 17.4 26.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

