

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
 Data File : BF101776.D
 Acq On : 27 Dec 2017 21:29
 Operator : SJ/JU
 Sample : I7077-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 28 04:09:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	160021	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	616261	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	264505	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	433262	20.00	ng	0.00
75) Chrysene-d12	13.97	240	298845	20.00	ng	0.00
86) Perylene-d12	15.44	264	301246	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1022731	95.20	ng	0.02
7) Phenol-d6	6.44	99	1133867	84.81	ng	0.00
23) Nitrobenzene-d5	7.36	82	731381	66.06	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	241915	94.92	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1161228	68.10	ng	0.00
78) Terphenyl-d14	12.90	244	931107	75.11	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.56	88	126671	22.948	ng	98
3) Pyridine	3.38	79	188991	12.323	ng	99
4) n-Nitrosodimethylamine	3.29	42	149802	21.214	ng	98
6) Aniline	6.46	93	253312	13.634	ng	# 69
8) 2-Chlorophenol	6.58	128	302646	26.781	ng	98
9) Benzaldehyde	6.36	77	123620	12.520	ng	97
10) Phenol	6.45	94	409305	26.860	ng	94
11) bis(2-Chloroethyl)ether	6.53	93	306173	25.615	ng	95
12) 1,3-Dichlorobenzene	6.73	146	338500	26.540	ng	99
13) 1,4-Dichlorobenzene	6.80	146	342961	26.332	ng	99
14) 1,2-Dichlorobenzene	6.96	146	311049	26.532	ng	98
15) Benzyl Alcohol	6.95	79	235980	25.643	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	517500	28.289	ng	# 47
17) 2-Methylphenol	7.06	107	248374	23.894	ng	# 88
18) Hexachloroethane	7.29	117	105634	23.328	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	217709	24.796	ng	94
20) 3+4-Methylphenols	7.22	107	340703	30.930	ng	96
22) Acetophenone	7.20	105	431302	30.672	ng	# 95
24) Nitrobenzene	7.38	77	329438	26.887	ng	97
25) Isophorone	7.62	82	598038	26.928	ng	98
26) 2-Nitrophenol	7.70	139	164403	31.232	ng	97
27) 2,4-Dimethylphenol	7.73	122	269932	30.185	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	386107	27.369	ng	99
29) 2,4-Dichlorophenol	7.95	162	261378	29.585	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	254959	27.346	ng	98
31) Naphthalene	8.09	128	839479	27.058	ng	100
32) Benzoic acid	7.87	122	20820	10.843	ng	96
33) 4-Chloroaniline	8.16	127	129123	9.576	ng	97
34) Hexachlorobutadiene	8.20	225	150169	27.848	ng	98
35) Caprolactam	8.53	113	75291	24.543	ng	# 81
36) 4-Chloro-3-methylphenol	8.65	107	257916	26.560	ng	97
37) 2-Methylnaphthalene	8.79	142	554781	27.446	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	264605	29.630	ng	# 97
40) Hexachlorocyclopentadiene	8.93	237	2180	12.997	ng	97

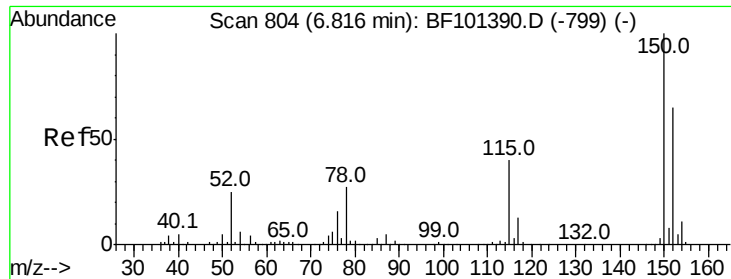
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	162298	30.188	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	151536	25.742	nq	95
45) 1,1'-Biphenyl	9.25	154	665673	28.378	nq	100
46) 2-Chloronaphthalene	9.27	162	494276	27.538	nq	98
47) 2-Nitroaniline	9.39	65	169485	27.334	nq	87
48) Acenaphthylene	9.69	152	716743	25.282	nq	100
49) Dimethylphthalate	9.55	163	703129	33.048	nq	100
50) 2,6-Dinitrotoluene	9.63	165	116556	26.955	nq #	87
51) Acenaphthene	9.86	154	438458	25.743	nq	99
52) 3-Nitroaniline	9.80	138	108814	20.184	nq	99
53) 2,4-Dinitrophenol	9.95	184	26732	25.780	nq #	16
54) Dibenzofuran	10.03	168	634488	29.313	nq	96
55) 4-Nitrophenol	10.00	139	72650	30.905	nq	93
56) 2,4-Dinitrotoluene	10.05	165	153802	31.569	nq #	97
57) Fluorene	10.38	166	502646	27.451	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	122291	28.915	nq	88
59) Diethylphthalate	10.25	149	546765	25.951	nq	97
60) 4-Chlorophenyl-phenylether	10.36	204	251057	28.608	nq	94
61) 4-Nitroaniline	10.42	138	109748	20.253	nq	94
62) Azobenzene	10.53	77	537652	24.634	nq	95
64) 4,6-Dinitro-2-methylphenol	10.47	198	25370	11.475	nq	93
65) n-Nitrosodiphenylamine	10.49	169	462264	28.895	nq	95
66) 4-Bromophenyl-phenylether	10.85	248	150645	30.944	nq	92
67) Hexachlorobenzene	10.93	284	148736	28.867	nq #	87
68) Atrazine	11.02	200	142836	29.943	nq	97
69) Pentachlorophenol	11.14	266	101268	52.956	nq	98
70) Phenanthrene	11.35	178	662992	27.516	nq	99
71) Anthracene	11.40	178	685368	27.847	nq	100
72) Carbazole	11.56	167	581209	25.223	nq	99
73) Di-n-butylphthalate	11.87	149	816774	29.204	nq	98
74) Fluoranthene	12.54	202	625599	24.737	nq	98
76) Benzidine	12.67	184	135218	10.713	nq	97
77) Pyrene	12.77	202	620307	27.657	nq	100
79) Butylbenzylphthalate	13.37	149	283015	27.888	nq	94
80) Benzo(a)anthracene	13.96	228	504230	25.552	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	172838	26.862	nq	99
82) Chrysene	14.00	228	501748	26.930	nq	98
83) Bis(2-ethylhexyl)phthalate	13.92	149	379432	29.519	nq	99
84) Di-n-octyl phthalate	14.53	149	638728	27.863	nq	99
85) Indeno(1,2,3-cd)pyrene	16.93	276	429284	25.874	nq	98
87) Benzo(b)fluoranthene	15.02	252	467442	25.458	nq	99
88) Benzo(k)fluoranthene	15.04	252	471142	26.391	nq	99
89) Benzo(a)pyrene	15.39	252	454570	26.855	nq	98
90) Dibenzo(a,h)anthracene	16.92	278	371557	25.566	nq	96
91) Benzo(g,h,i)perylene	17.38	276	349682	24.299	nq	96

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

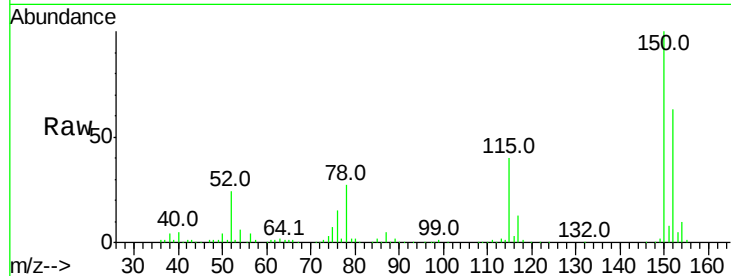


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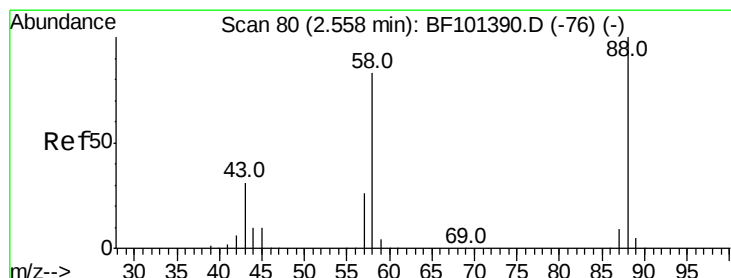
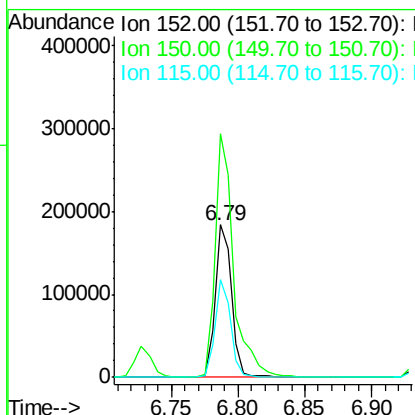
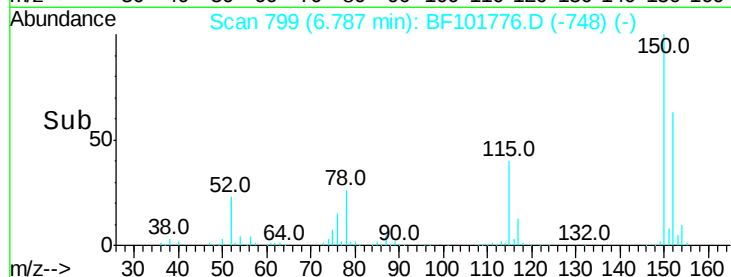
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 160021
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 63.6 50.1 75.1



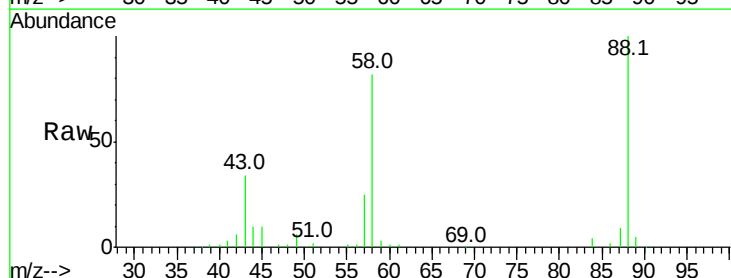
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



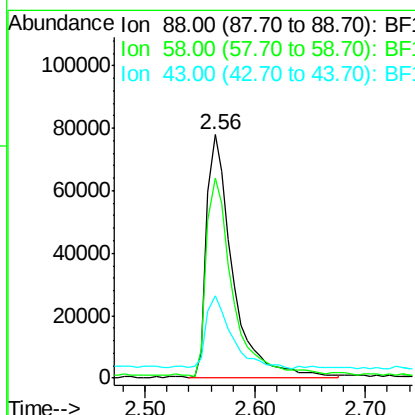
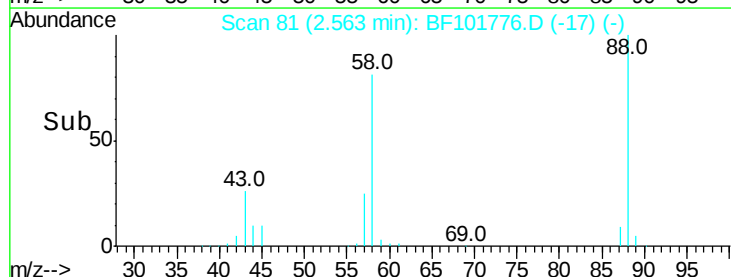
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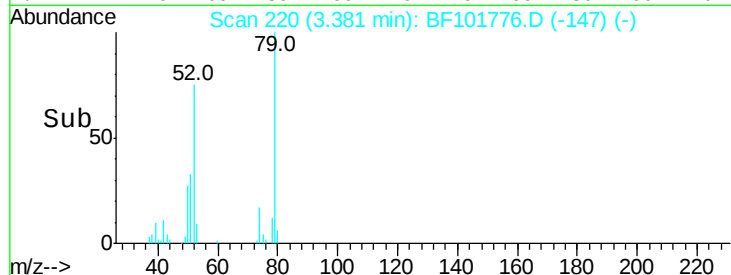
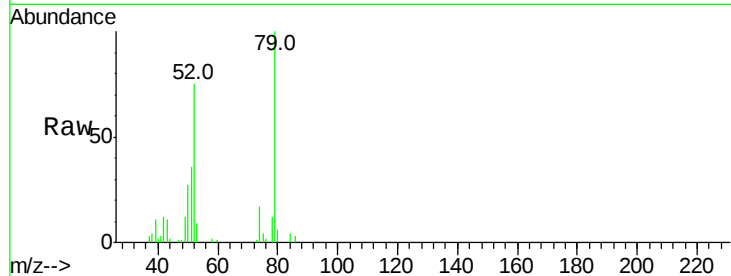
1,4-Dioxane
Concen: 22.948 ng
RT: 2.56 min Scan# 81
Delta R.T. 0.08 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

Tgt Ion: 88 Resp: 126671
Ion Ratio Lower Upper
88 100
58 79.4 62.6 93.8
43 28.4 24.6 37.0



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

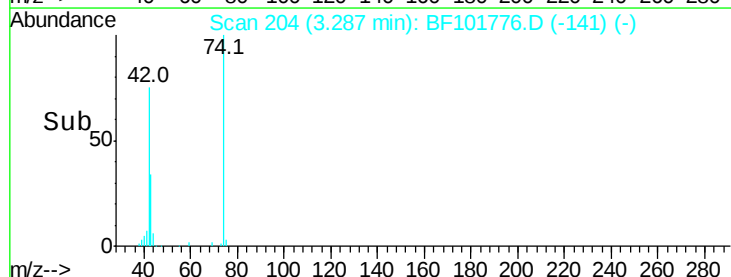
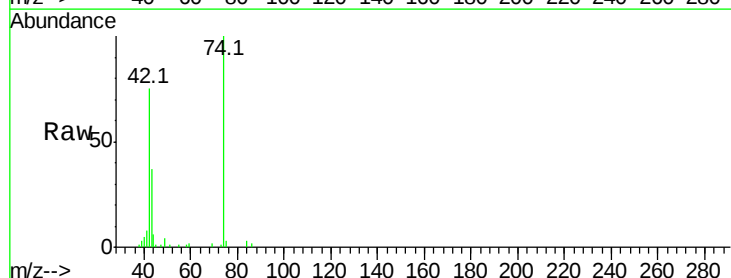
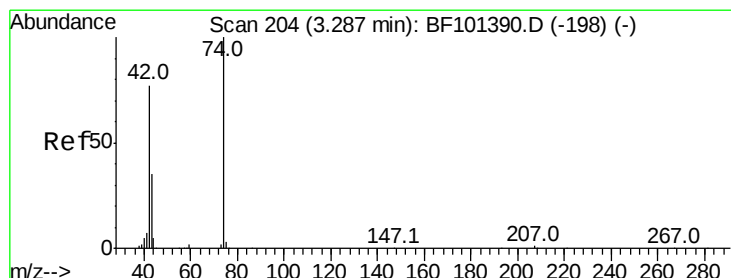
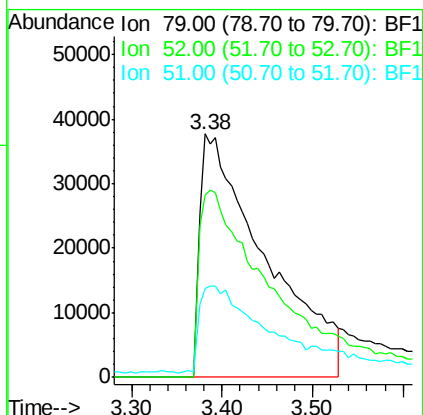




#3
Pvridine
Concen: 12.323 ng
RT: 3.38 min Scan# 220
Delta R.T. 0.13 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

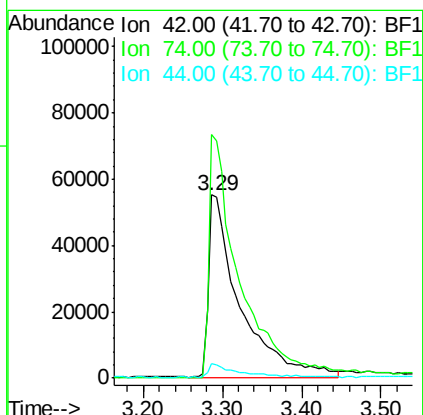
Instrument :
BNA_F
ClientSampleId :

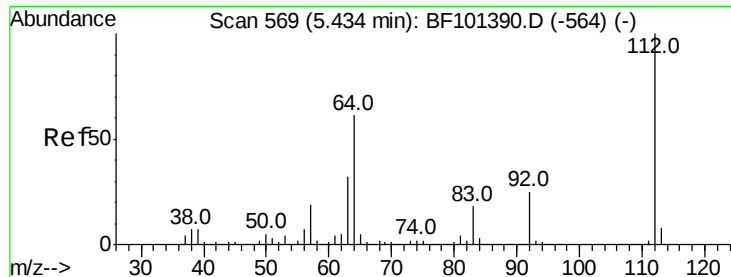
Tot Ion: 79 Resp: 188991
Ion Ratio Lower Upper
79 100
52 74.6 59.8 89.6
51 36.3 29.8 44.8



#4
n-Nitrosodimethylamine
Concen: 21.214 ng
RT: 3.29 min Scan# 204
Delta R.T. 0.07 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

Tgt Ion: 42 Resp: 149802
Ion Ratio Lower Upper
42 100
74 132.9 104.9 157.3
44 7.9 6.9 10.3





#5

2-Fluorophenol

Concen: 95.202 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.02 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

Instrument :

BNA_F

ClientSampled :

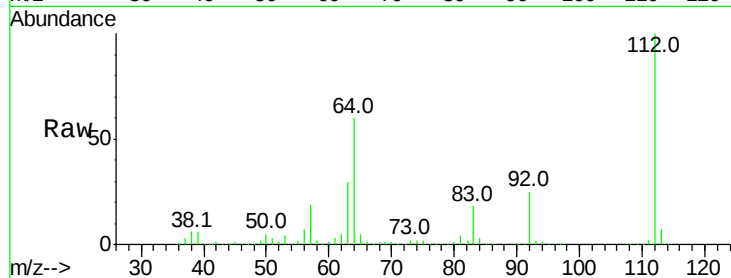
Tot Ion:112 Resp: 1022731

Ion Ratio Lower Upper

112 100

64 60.1 47.9 71.9

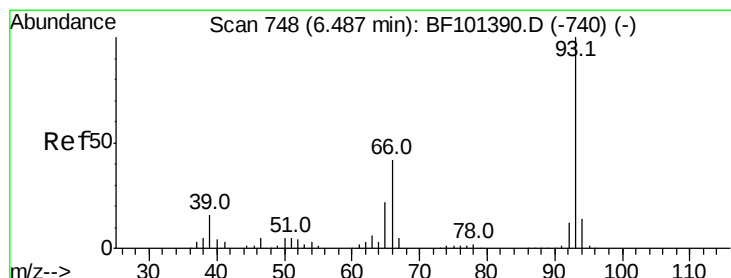
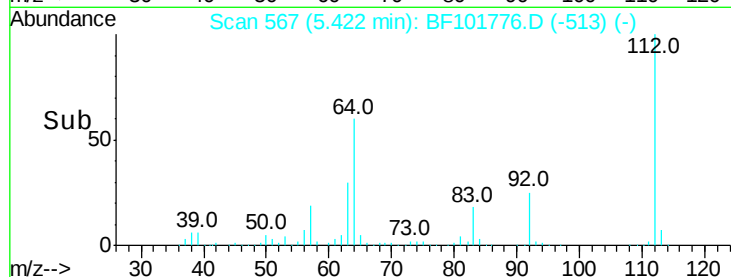
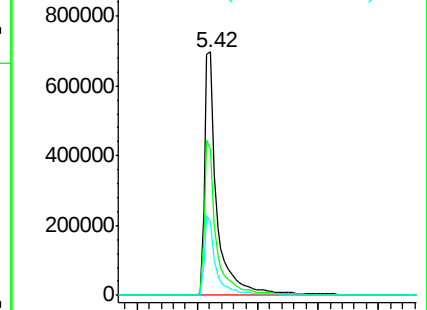
63 30.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.634 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

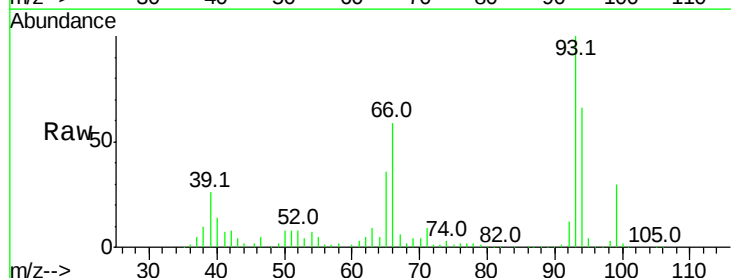
Tgt Ion: 93 Resp: 253312

Ion Ratio Lower Upper

93 100

66 59.1 32.2 48.2#

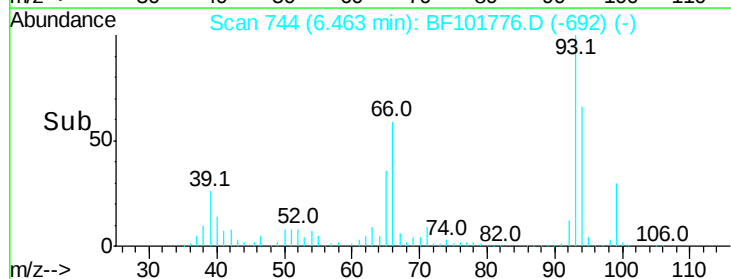
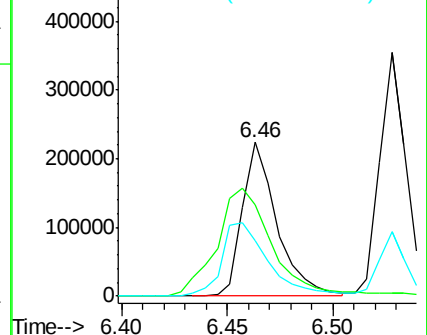
65 35.9 16.4 24.6#

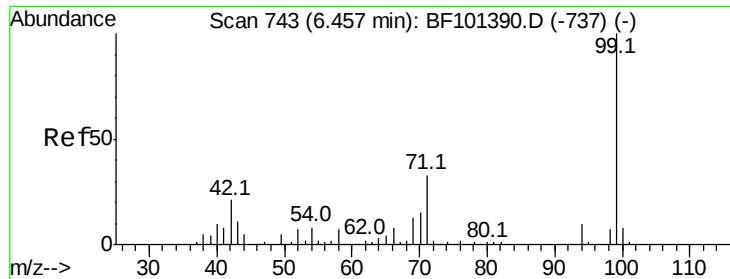


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.809 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

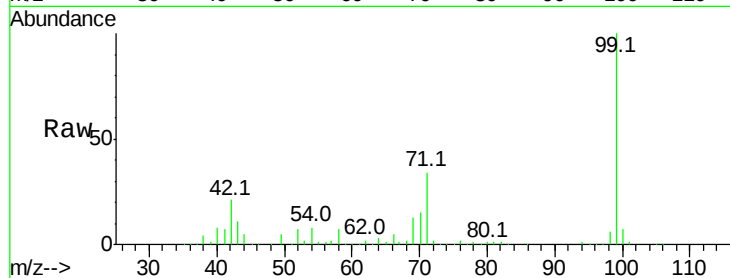
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1133867

Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.5	21.7
71	33.8	25.4	38.0

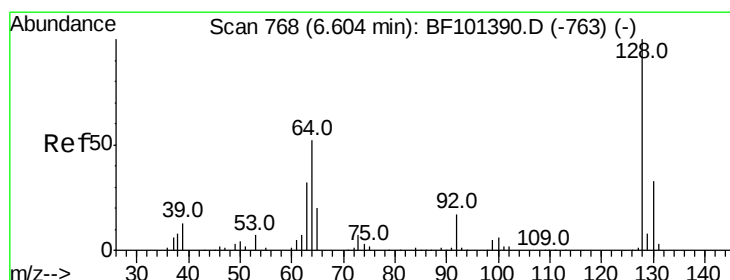
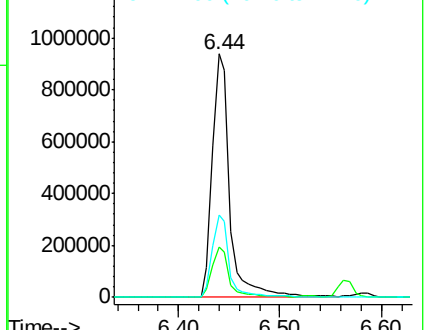
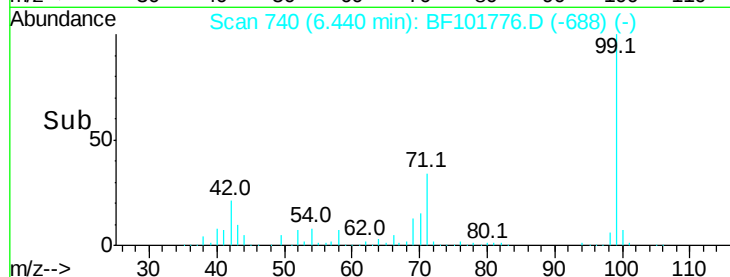


Abundance

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: 26.781 ng

RT: 6.58 min Scan# 764

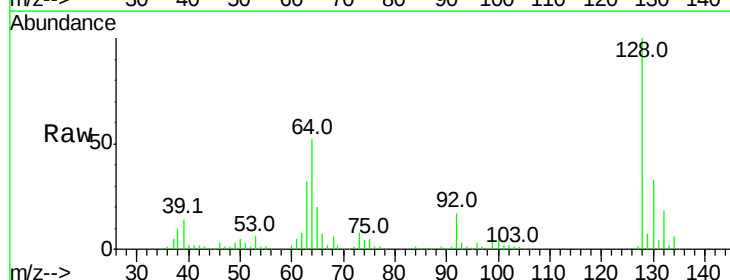
Delta R.T. -0.00 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

Tgt Ion:128 Resp: 302646

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.0	53.0
64	51.7	29.4	69.4

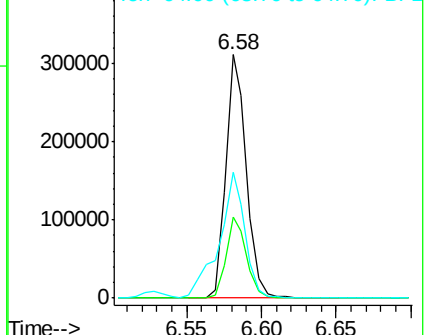
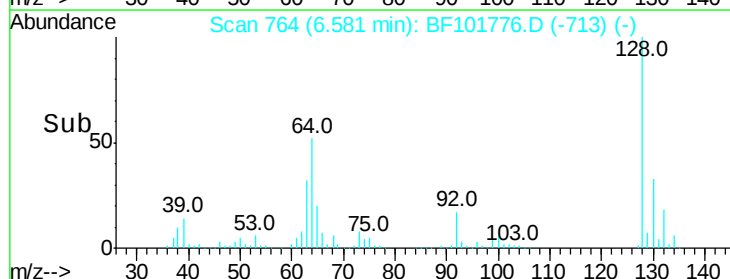


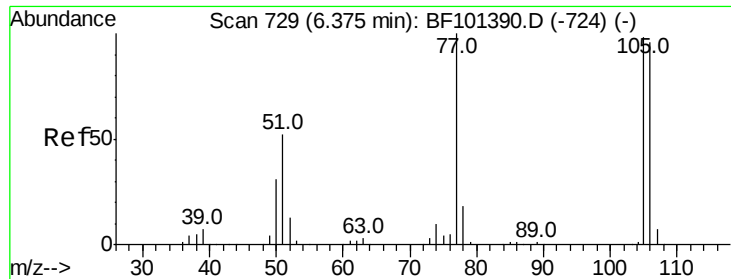
Abundance

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: 12.520 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

Instrument :

BNA_F

ClientSampled :

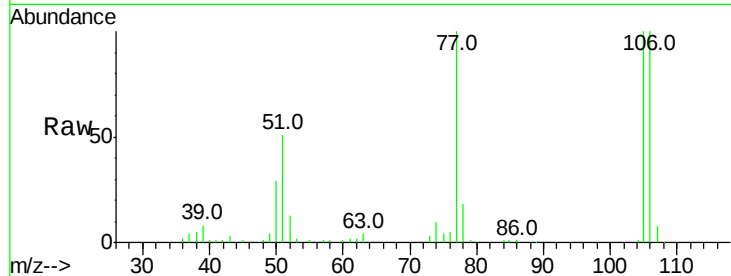
Tot Ion: 77 Resp: 123620

Ion Ratio Lower Upper

77 100

105 99.8 81.1 121.1

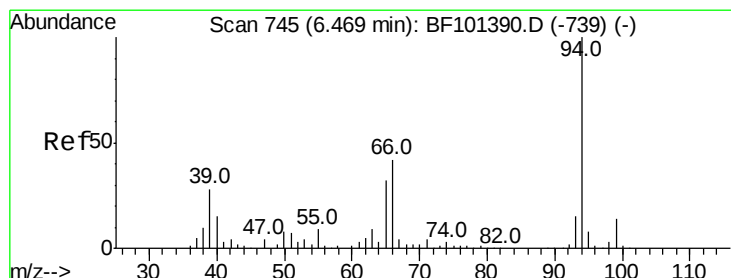
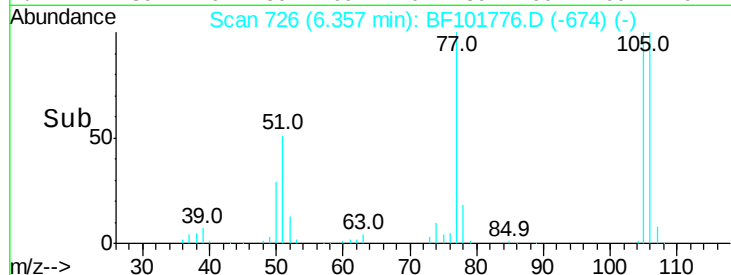
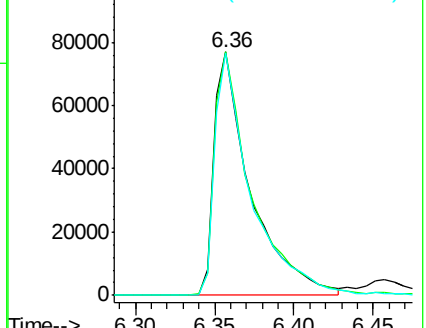
106 99.6 74.5 114.5



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: 26.860 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

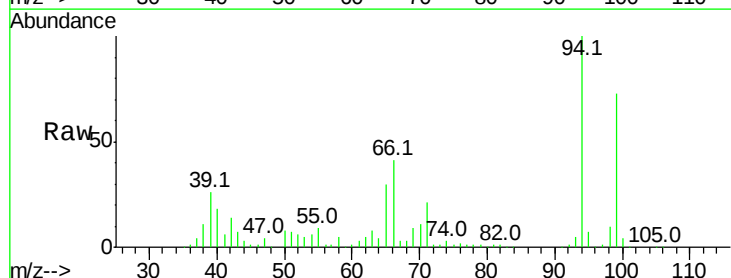
Tgt Ion: 94 Resp: 409305

Ion Ratio Lower Upper

94 100

65 29.9 7.9 47.9

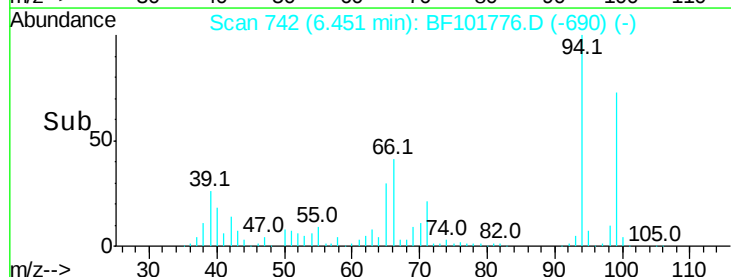
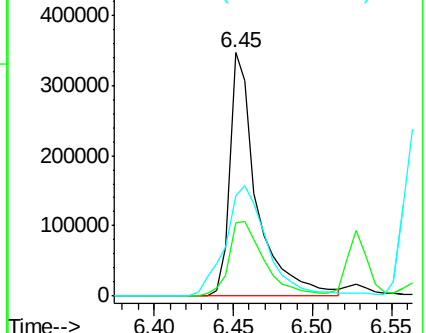
66 41.1 16.2 56.2

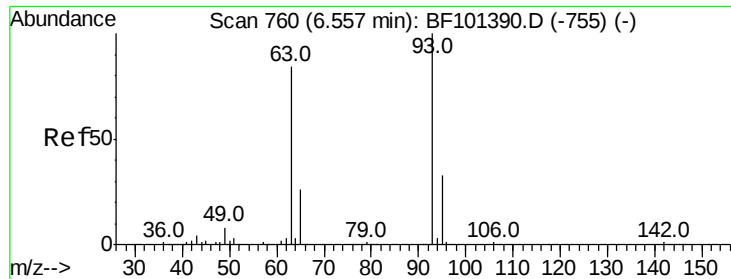


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

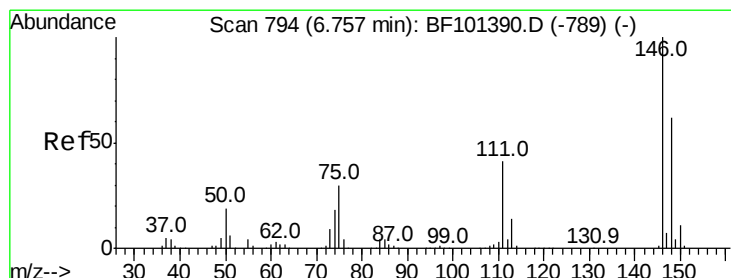
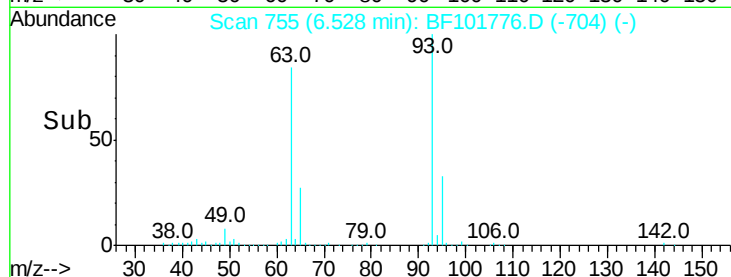
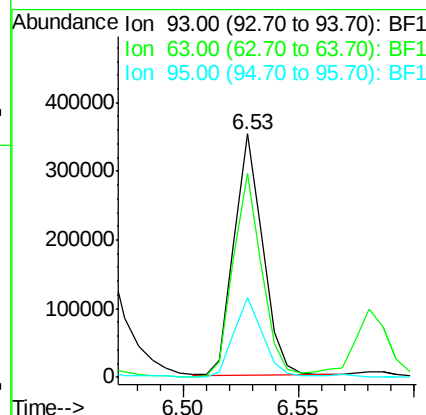
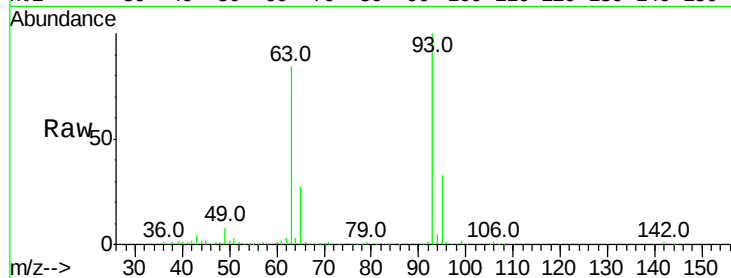




#11
bis(2-Chloroethyl)ether
Concen: 25.615 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

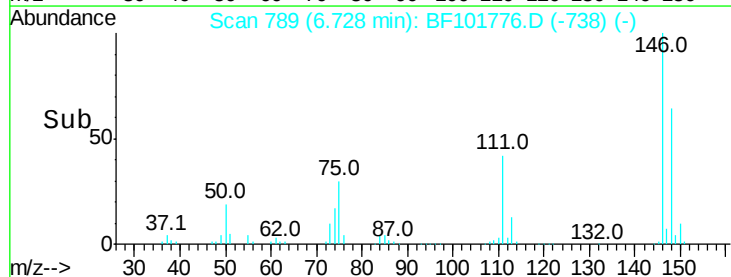
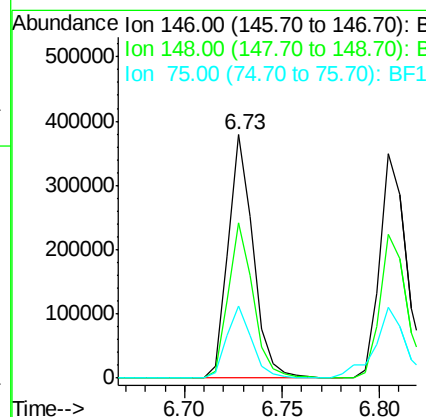
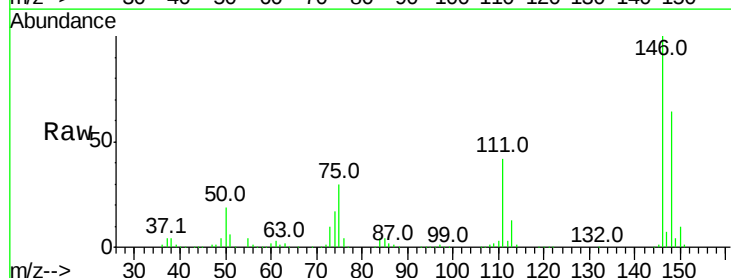
Instrument :
BNA_F
ClientSampleId :

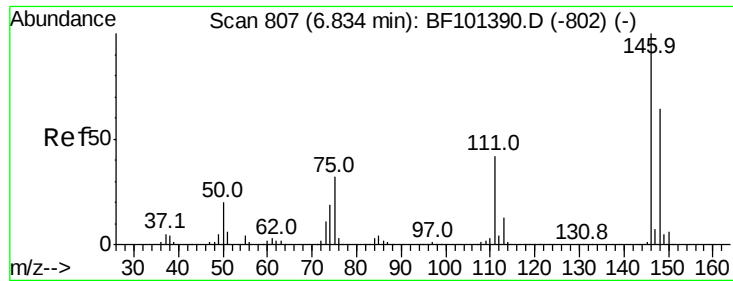
Tot Ion: 93 Resp: 306173
Ion Ratio Lower Upper
93 100
63 83.8 58.6 98.6
95 32.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 26.540 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

Tgt Ion: 146 Resp: 338500
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
75 29.8 24.2 36.4

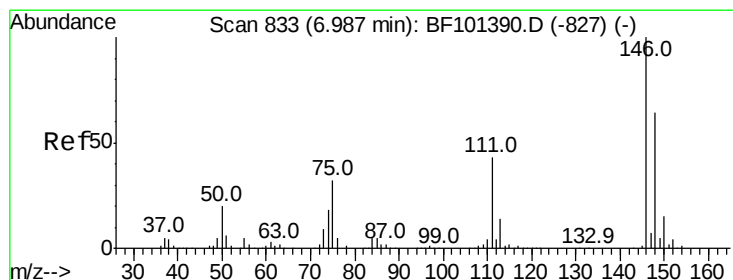
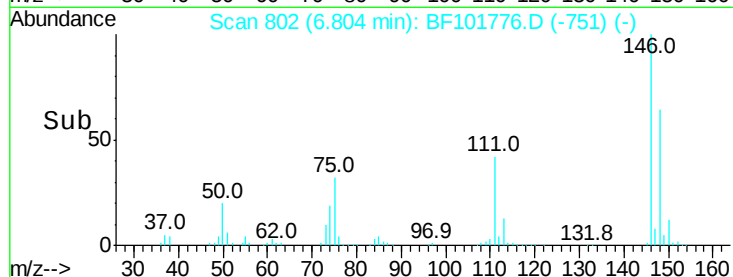
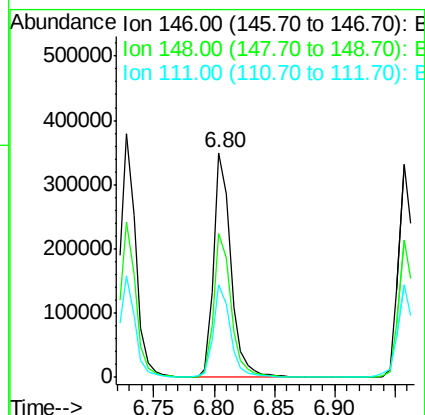
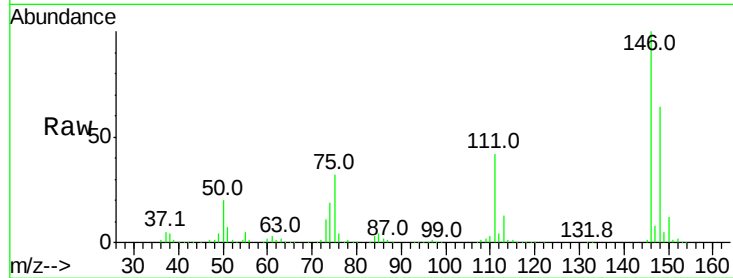




#13
 1,4-Dichlorobenzene
 Concen: 26.332 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF101776.D
 Acq: 27 Dec 2017 21:29

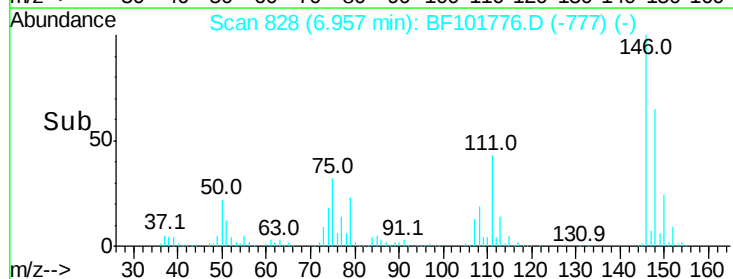
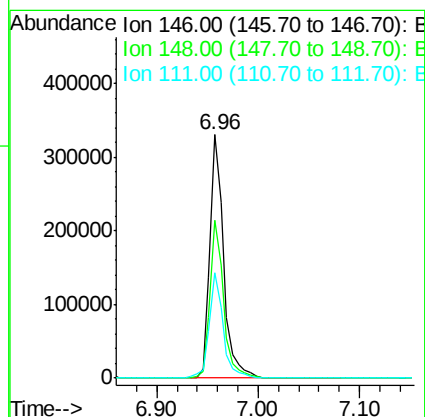
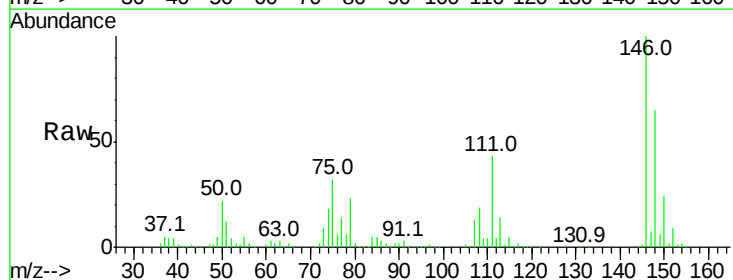
Instrument :
 BNA_F
 ClientSampled :

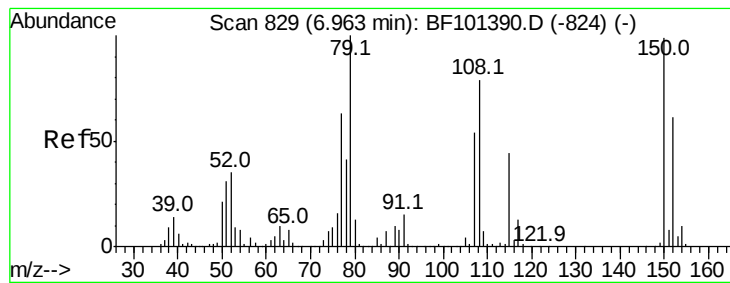
Tot Ion:146 Resp: 342961
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.8 76.2
 111 41.5 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 26.532 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF101776.D
 Acq: 27 Dec 2017 21:29

Tgt Ion:146 Resp: 311049
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.6 75.8
 111 43.4 36.0 54.0





#15

Benzyl Alcohol

Concen: 25.643 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

Instrument :

BNA_F

ClientSampled :

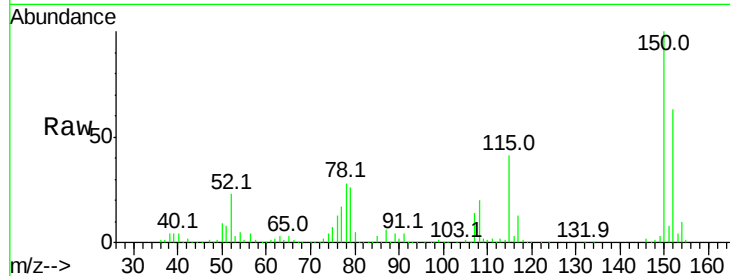
Tot Ion: 79 Resp: 235980

Ion Ratio Lower Upper

79 100

108 77.2 65.1 97.7

77 64.9 50.6 75.8

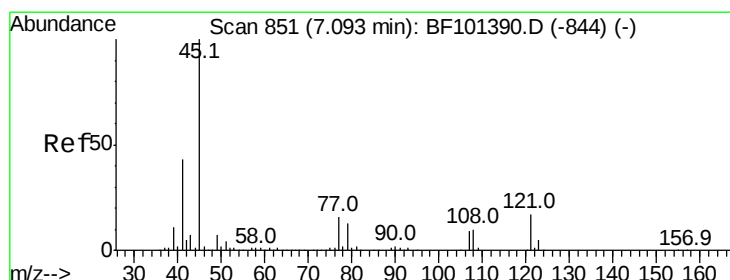
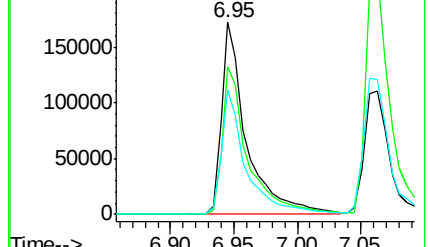
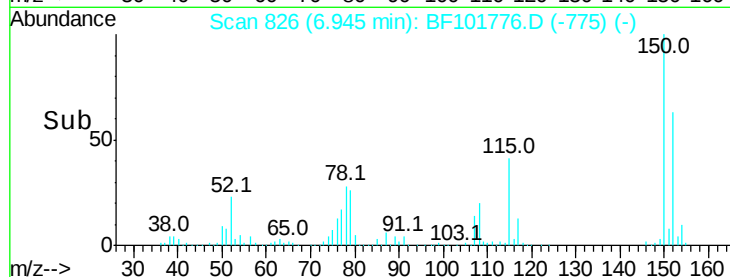


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.289 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

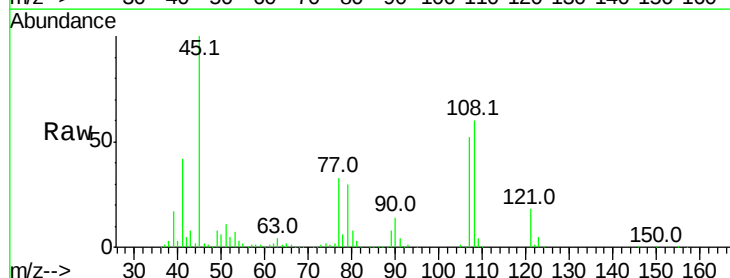
Tgt Ion: 45 Resp: 517500

Ion Ratio Lower Upper

45 100

77 33.1 0.0 32.9#

79 30.3 0.0 29.6#

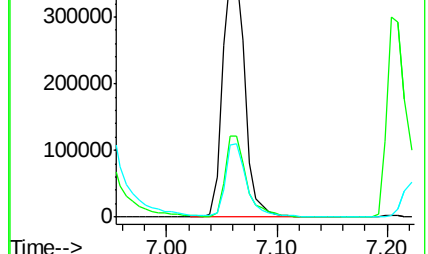
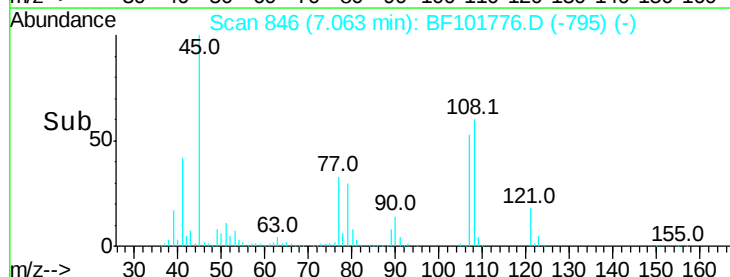


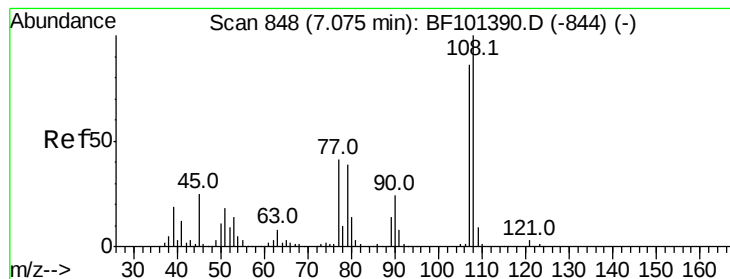
Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->





#17

2-Methylphenol

Concen: 23.894 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 248374

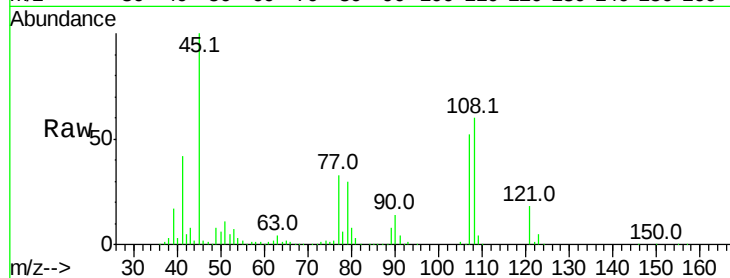
Ion Ratio Lower Upper

107 100

108 114.0 91.7 137.5

77 63.2 33.8 50.8#

79 57.7 33.8 50.8#

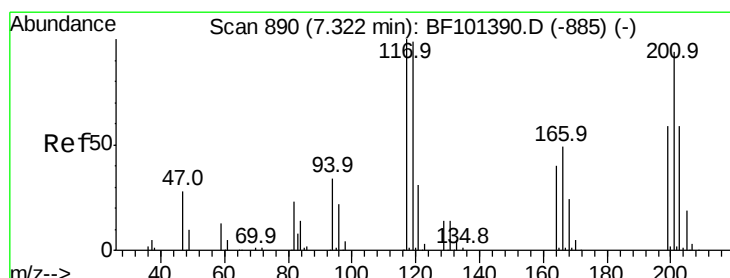
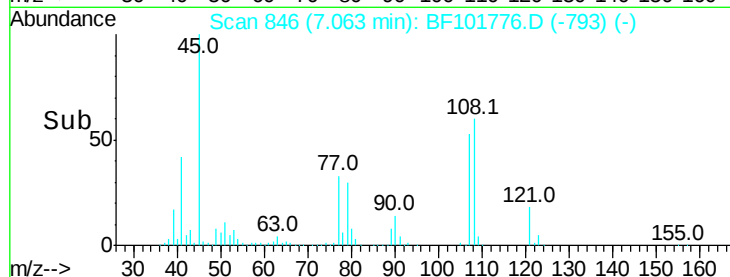
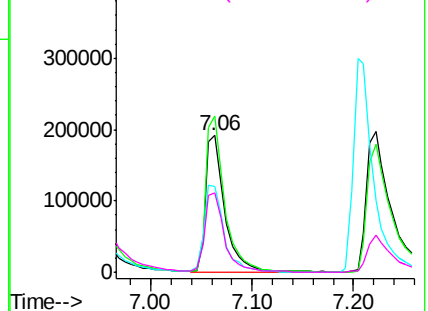


Abundance Ion 107.00 (106.70 to 107.70): E

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: 23.328 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

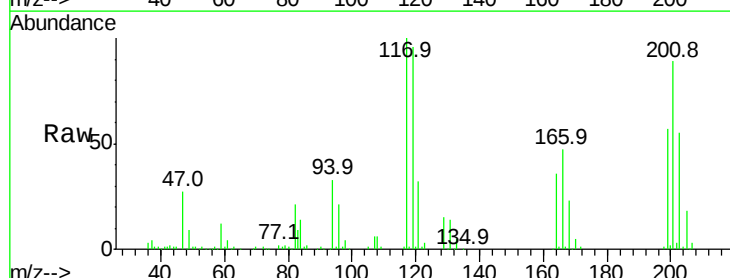
Tgt Ion:117 Resp: 105634

Ion Ratio Lower Upper

117 100

119 96.4 75.8 113.8

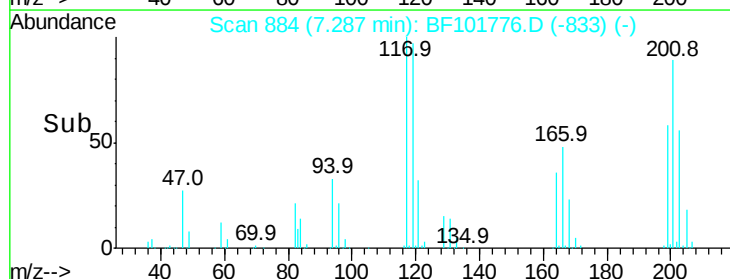
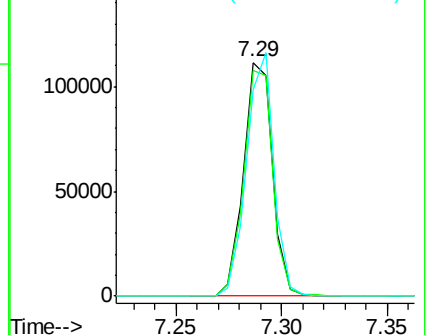
201 88.5 75.7 113.5



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

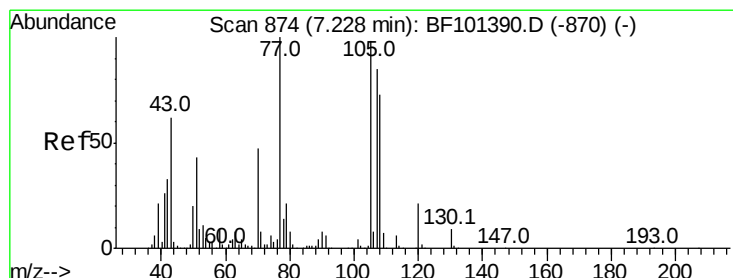
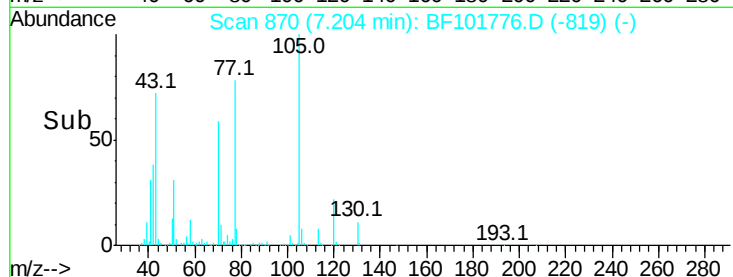
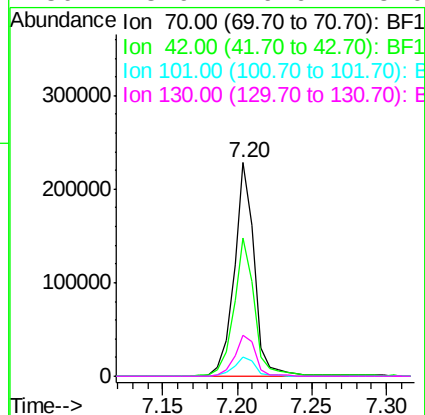
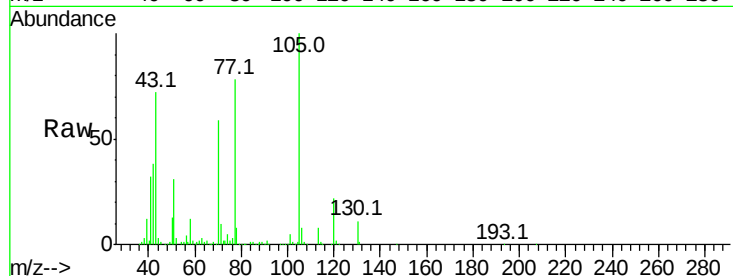




#19
n-Nitroso-di-n-propylamine
Concen: 24.796 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

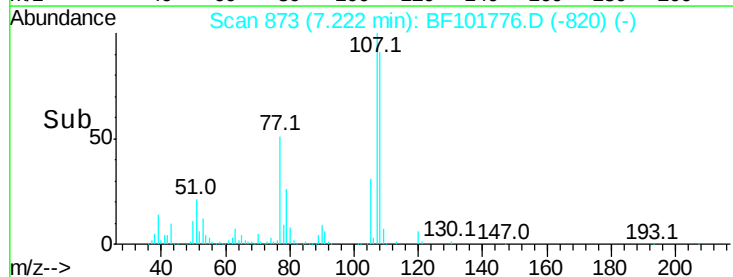
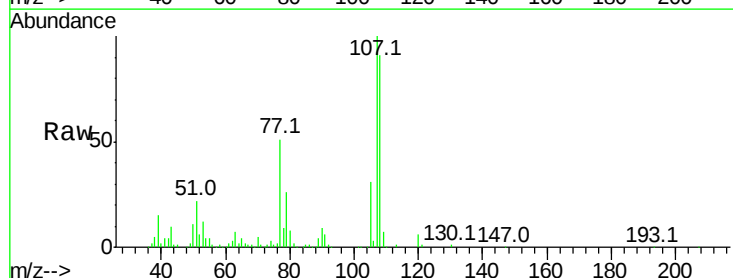
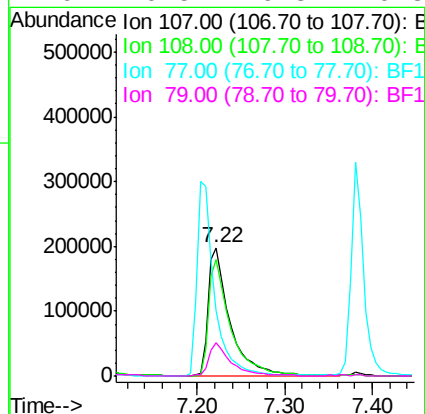
Instrument :
BNA_F
ClientSampleId :

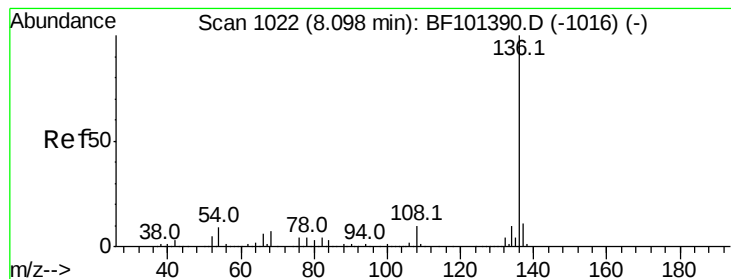
Tot Ion:	70	Resp:	217709
Ion	Ratio	Lower	Upper
70	100		
42	64.9	47.5	71.3
101	8.8	7.4	11.2
130	18.9	16.6	25.0



#20
3+4-Methylphenols
Concen: 30.930 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

Tgt Ion:	107	Resp:	340703
Ion	Ratio	Lower	Upper
107	100		
108	90.9	68.2	108.2
77	51.2	26.7	66.7
79	26.5	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 616261

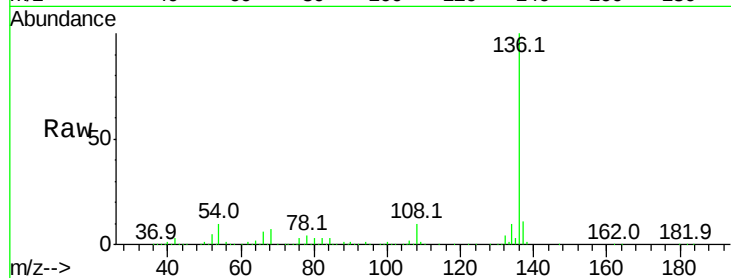
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.6 6.6 9.8

68 7.0 5.0 7.4

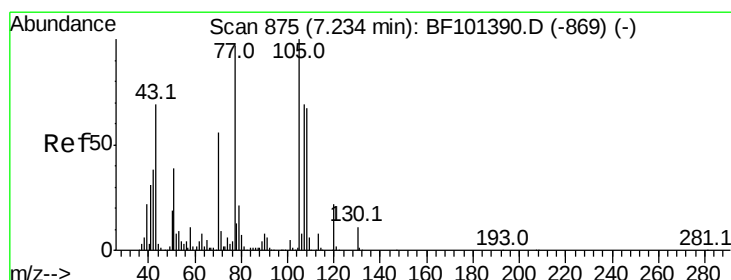
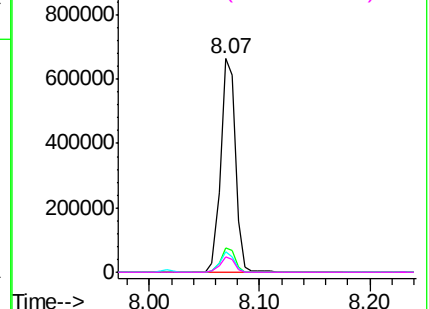
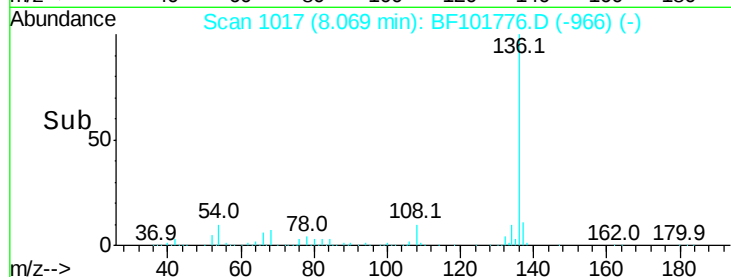


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 30.672 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

Tgt Ion:105 Resp: 431302

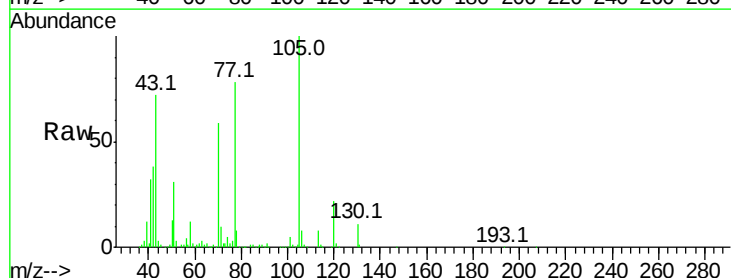
Ion Ratio Lower Upper

105 100

71 10.3 4.4 6.6#

51 30.9 22.3 33.5

120 22.0 16.9 25.3

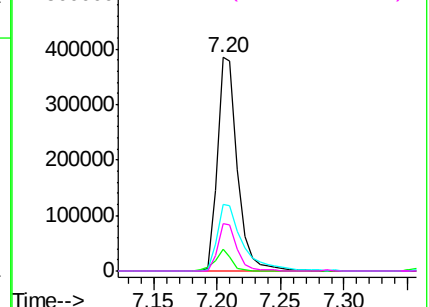
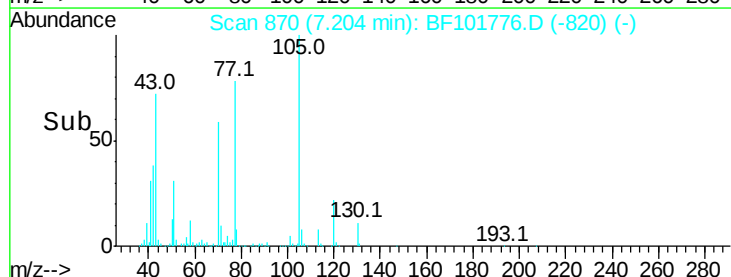


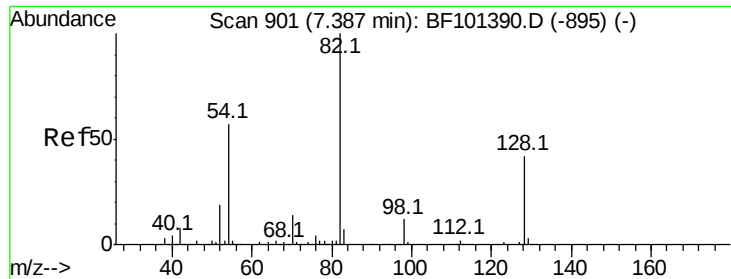
Abundance Ion 105.00 (104.70 to 105.70): E

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

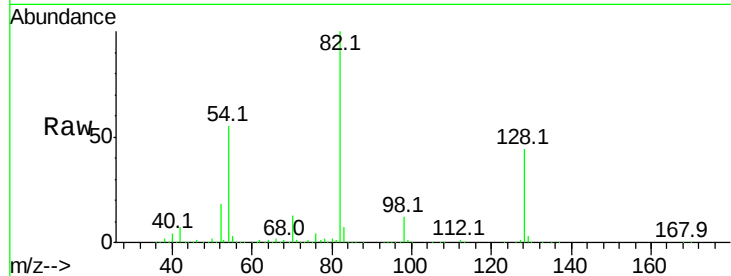




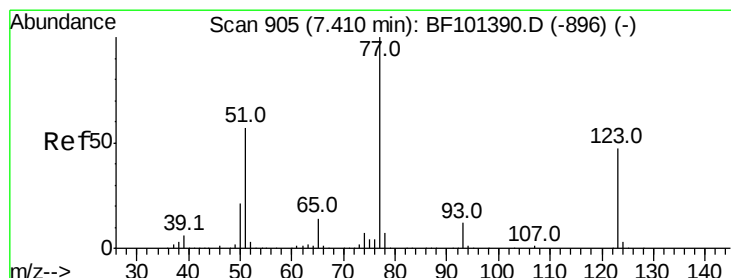
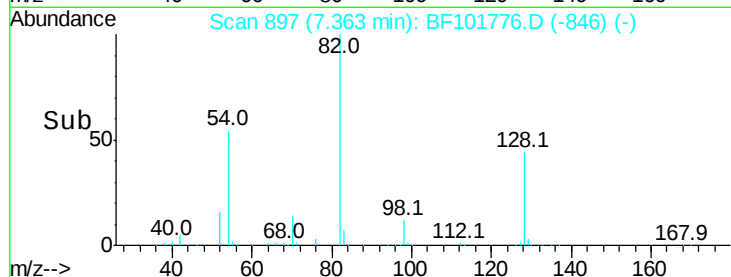
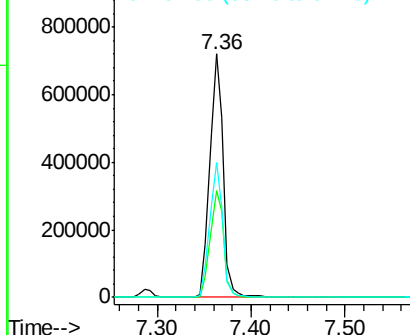
#23
Nitrobenzene-d5
Concen: 66.064 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 731381
Ion Ratio Lower Upper
82 100
128 44.0 36.1 54.1
54 55.4 41.4 62.2

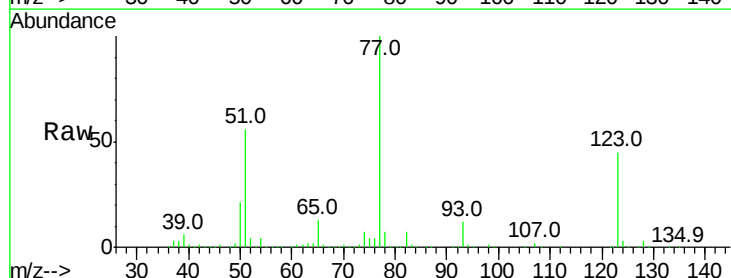


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

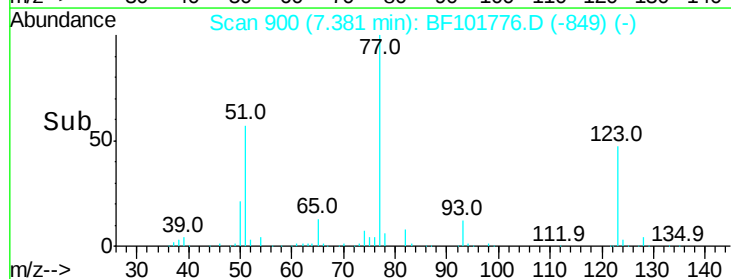
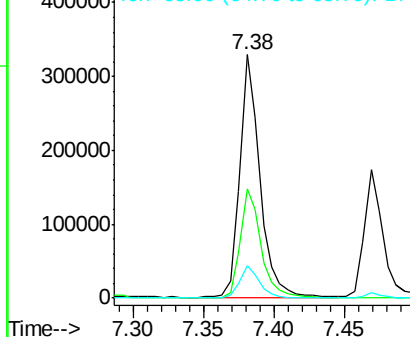


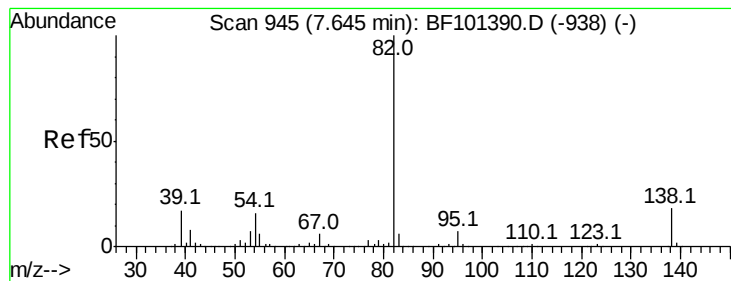
#24
Nitrobenzene
Concen: 26.887 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

Tgt Ion: 77 Resp: 329438
Ion Ratio Lower Upper
77 100
123 45.1 37.9 56.9
65 13.2 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: 26.928 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

Instrument :

BNA_F

ClientSampleId :

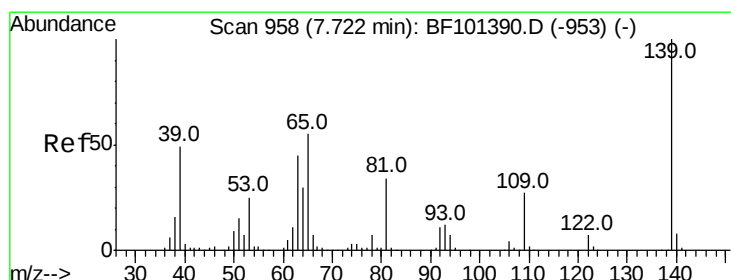
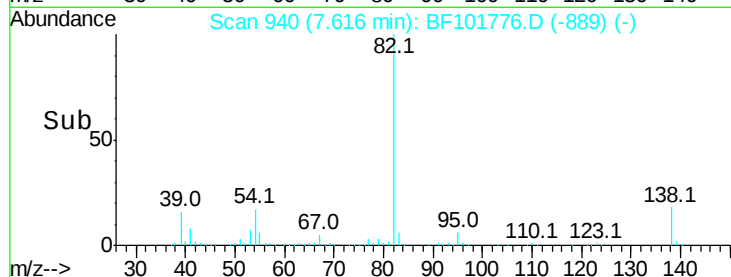
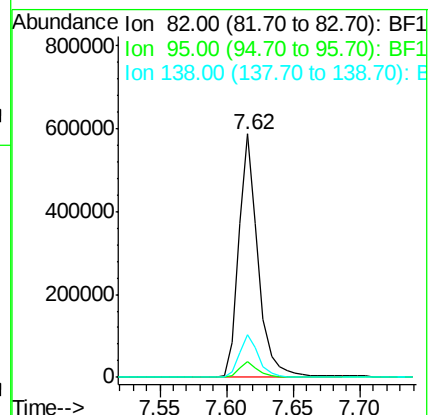
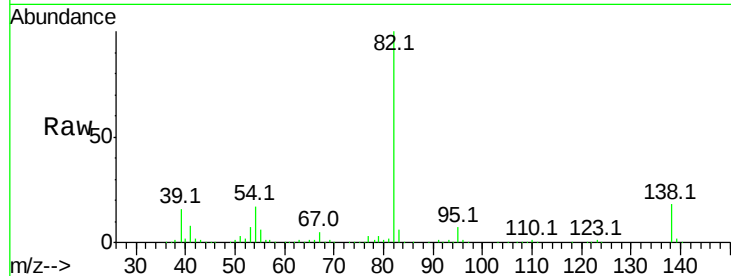
Tot Ion: 82 Resp: 598038

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 17.7 14.9 22.3



#26

2-Nitrophenol

Concen: 31.232 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

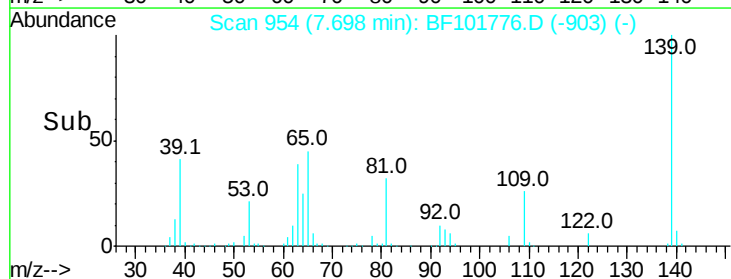
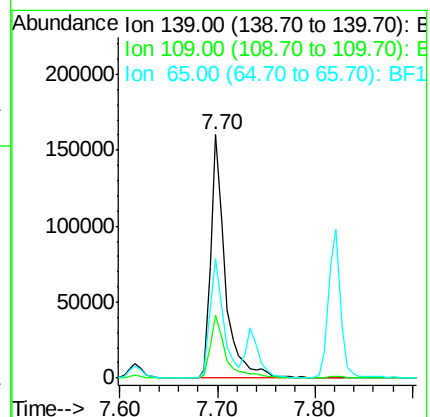
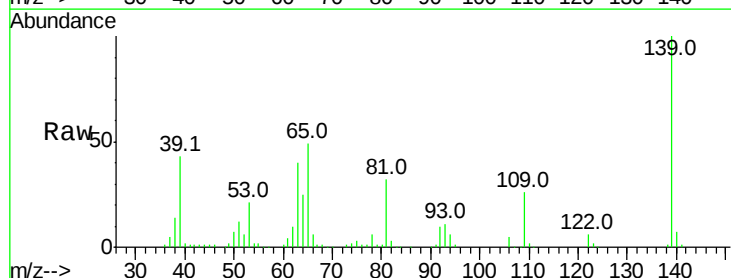
Tgt Ion: 139 Resp: 164403

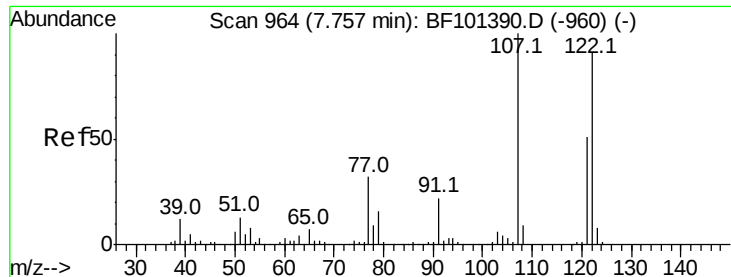
Ion Ratio Lower Upper

139 100

109 26.1 22.7 34.1

65 49.1 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 30.185 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

Instrument :

BNA_F

ClientSampled :

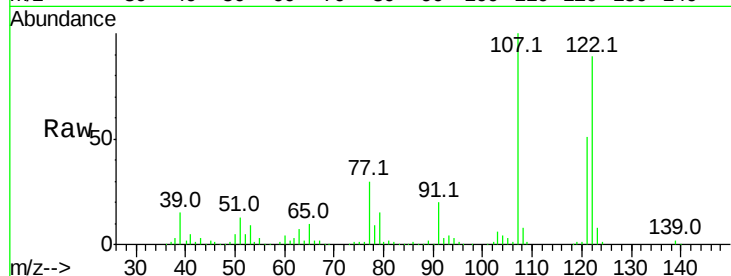
Tot Ion:122 Resp: 269932

Ion Ratio Lower Upper

122 100

107 111.8 91.2 136.8

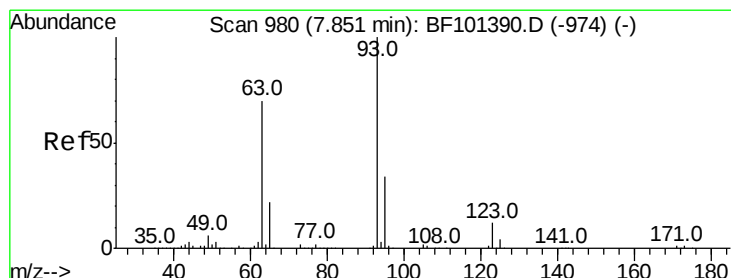
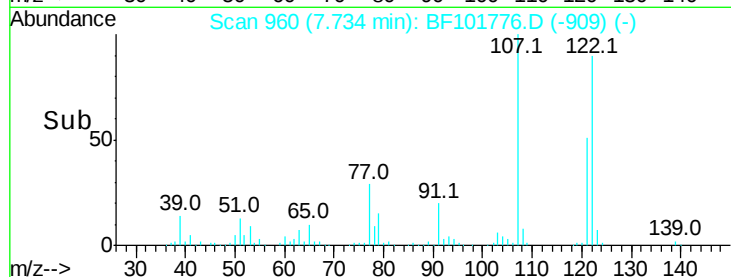
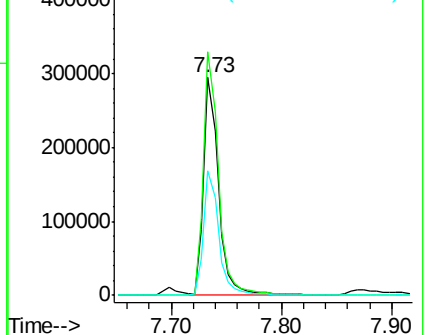
121 57.3 47.2 70.8



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: 27.369 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

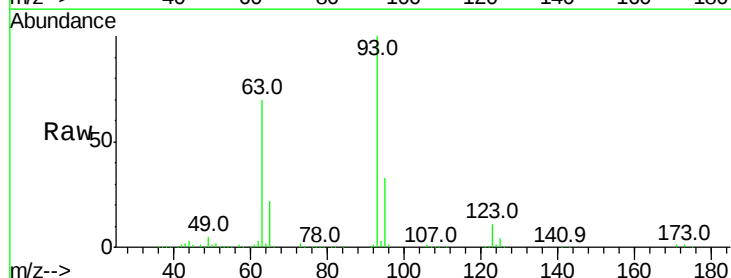
Tgt Ion: 93 Resp: 386107

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

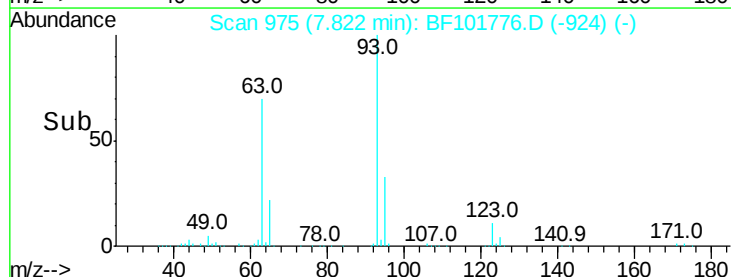
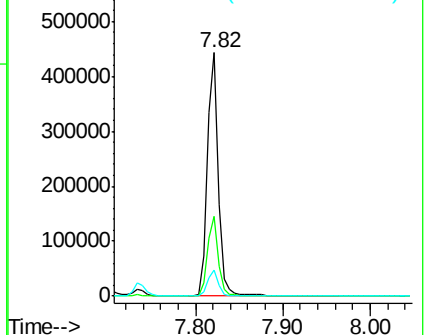
123 10.9 9.8 14.6

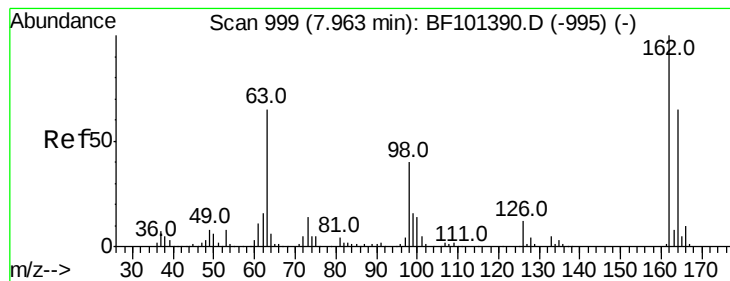


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 29.585 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.01 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

Instrument :

BNA_F

ClientSampleId :

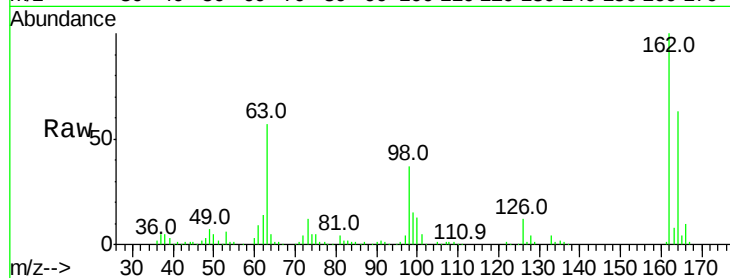
Tot Ion:162 Resp: 261378

Ion Ratio Lower Upper

162 100

164 62.8 42.7 82.7

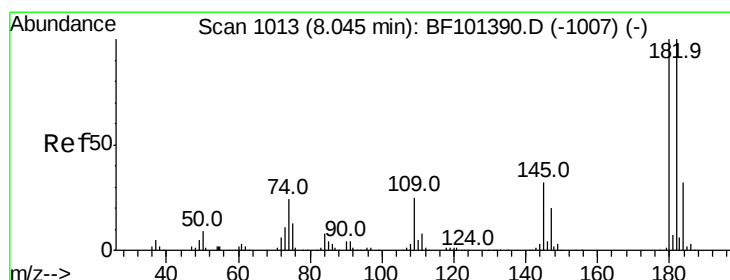
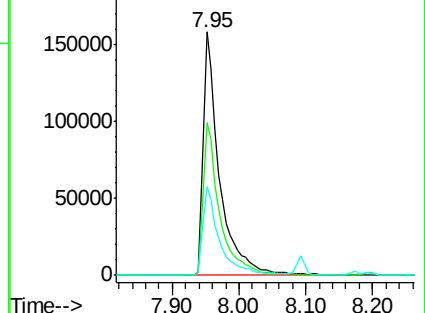
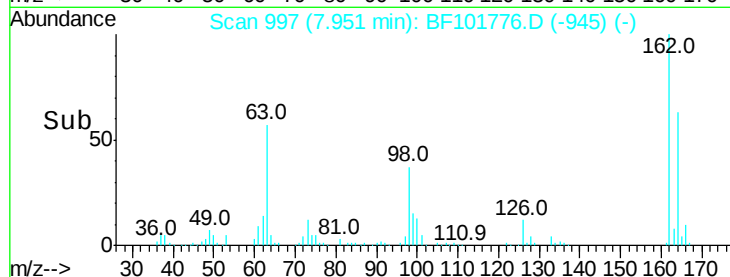
98 36.5 18.1 58.1



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: 27.346 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

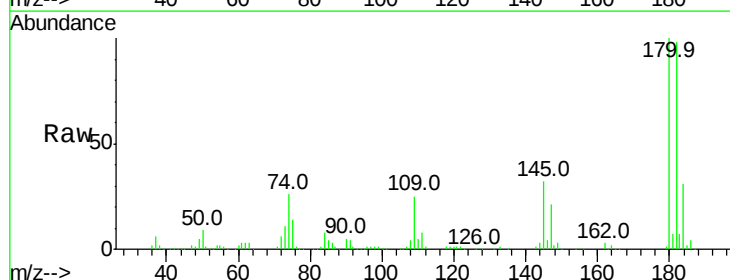
Tgt Ion:180 Resp: 254959

Ion Ratio Lower Upper

180 100

182 97.9 76.8 115.2

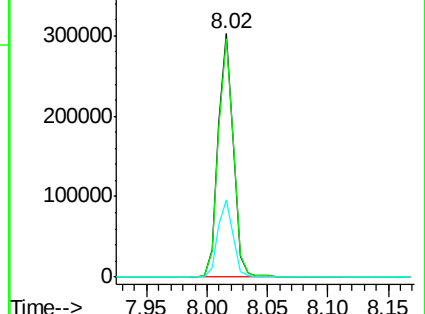
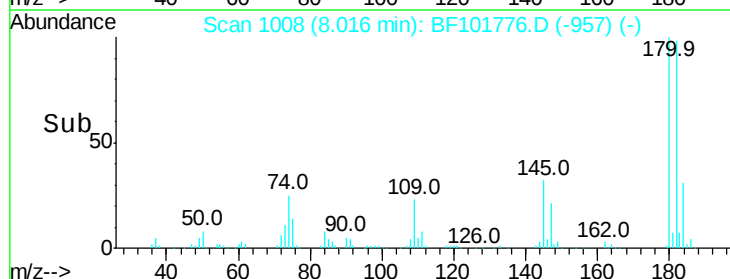
145 31.8 26.5 39.7

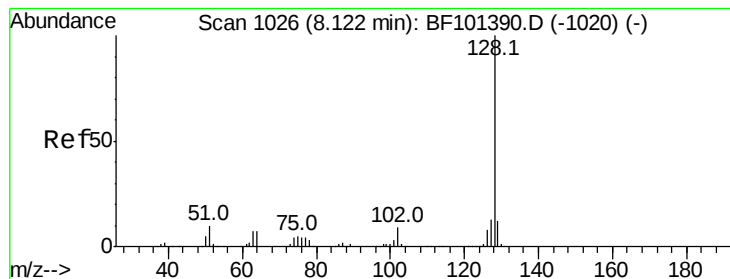


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 27.058 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

Instrument :

BNA_F

ClientSampleId :

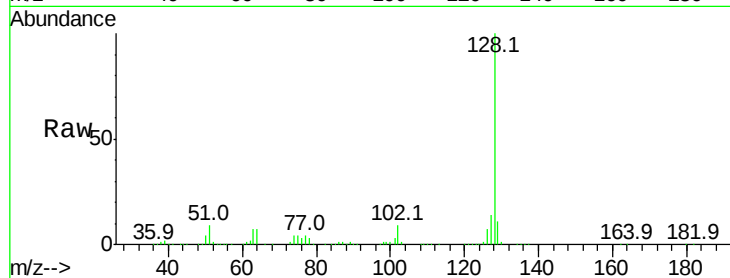
Tot Ion:128 Resp: 839479

Ion Ratio Lower Upper

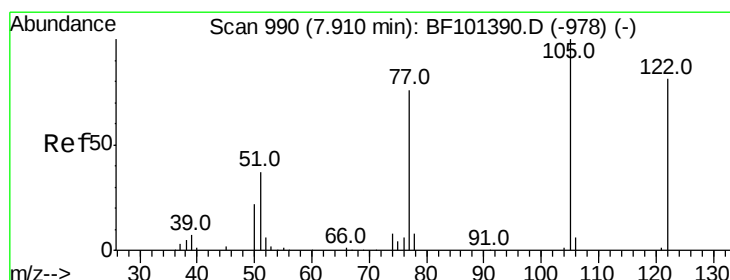
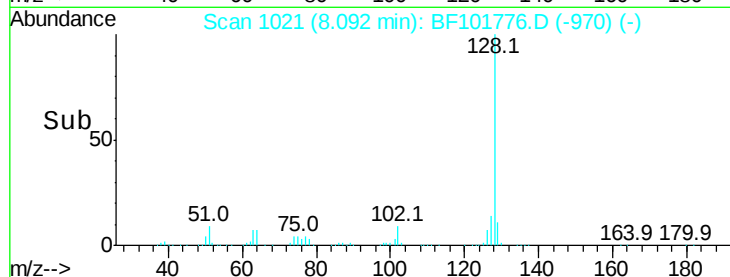
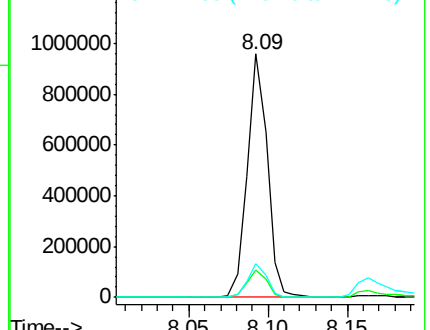
128 100

129 11.3 8.8 13.2

127 13.6 10.9 16.3



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: 10.843 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.03 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

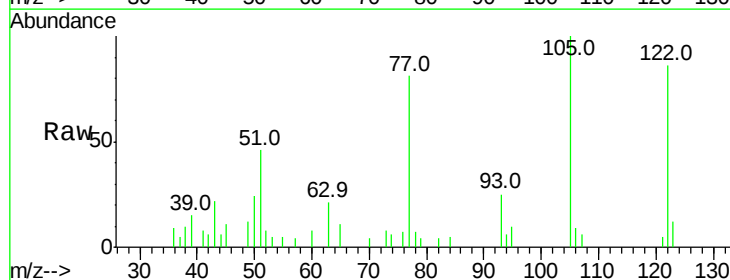
Tgt Ion:122 Resp: 20820

Ion Ratio Lower Upper

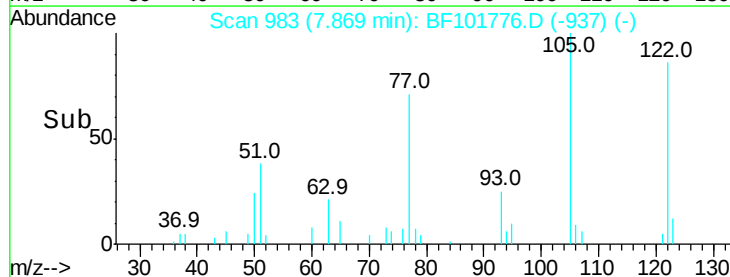
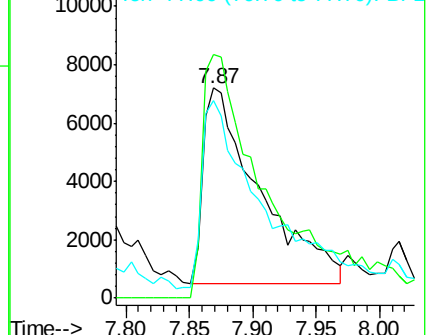
122 100

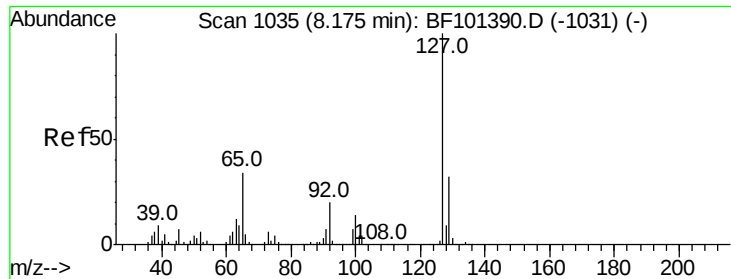
105 115.9 101.1 141.1

77 94.3 70.7 110.7



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

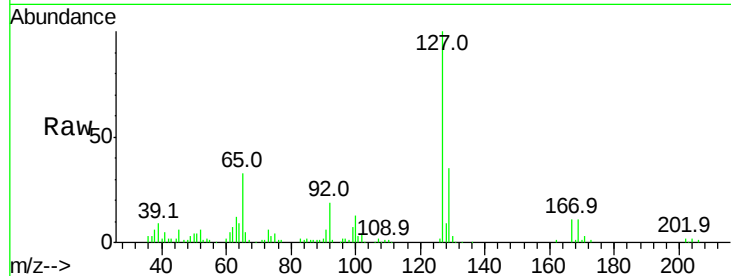




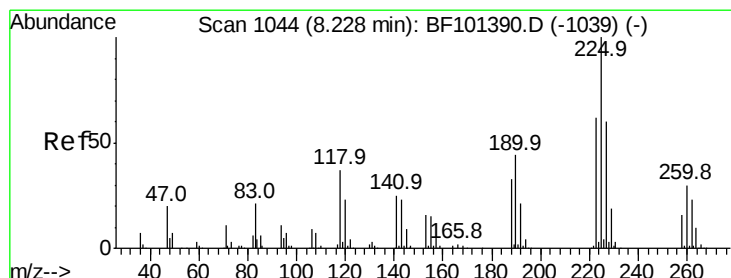
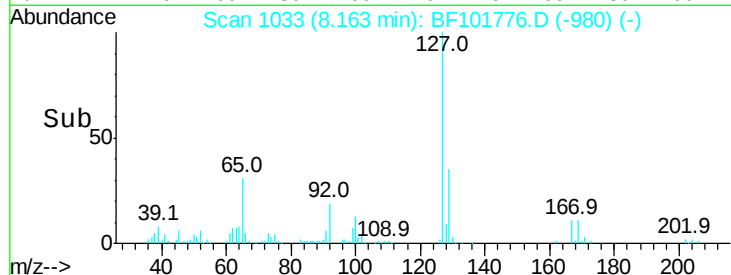
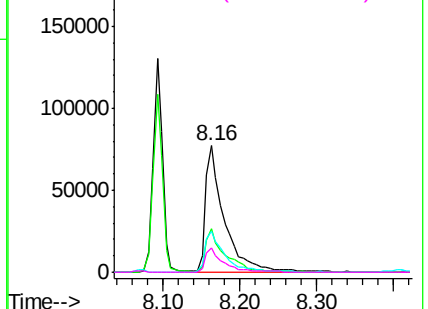
#33
4-Chloroaniline
Concen: 9.576 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	129123
Ion	Ratio	Lower	Upper
127	100		
129	34.5	25.9	38.9
65	32.9	25.0	37.4
92	19.1	15.2	22.8

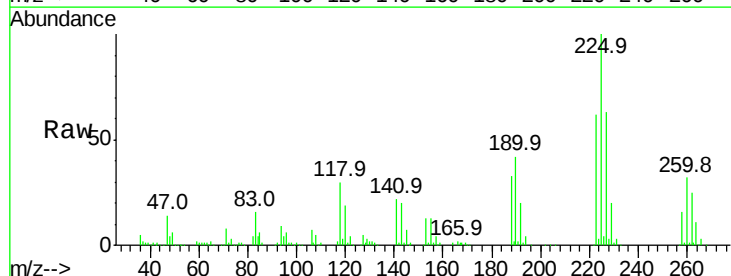


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

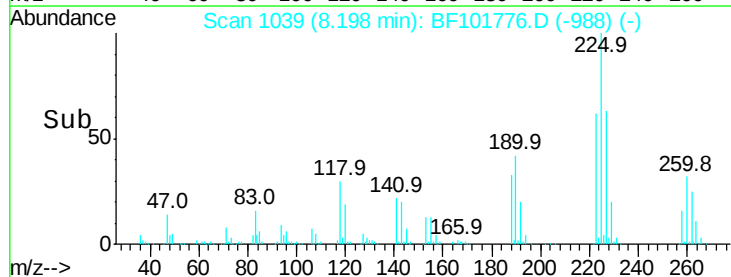
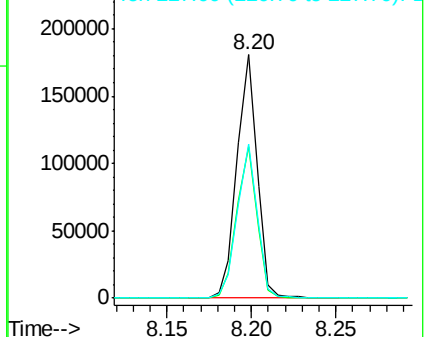


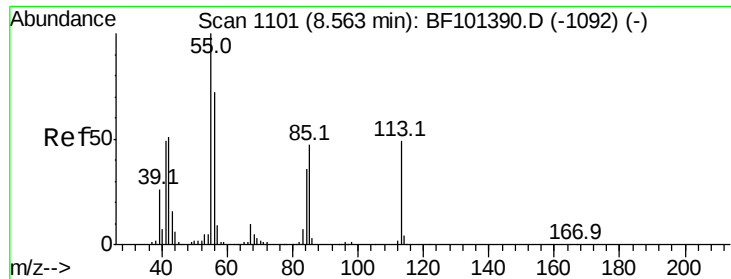
#34
Hexachlorobutadiene
Concen: 27.848 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

Tgt Ion:	225	Resp:	150169
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.6	76.0
227	63.1	51.9	77.9



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: 24.543 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

Instrument :

BNA_F

ClientSampleId :

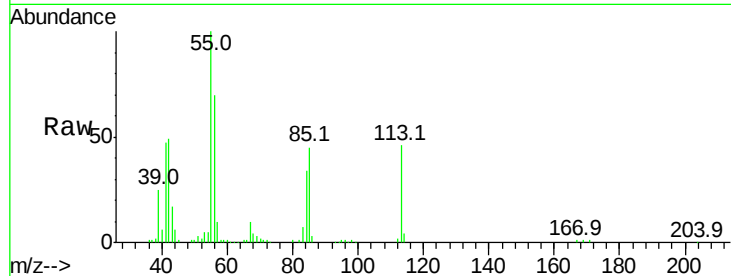
Tot Ion:113 Resp: 75291

Ion Ratio Lower Upper

113 100

55 215.9 163.3 203.3#

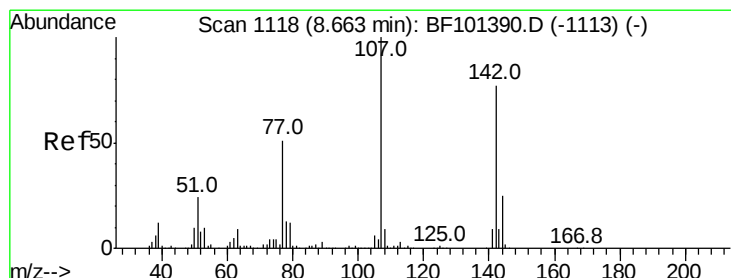
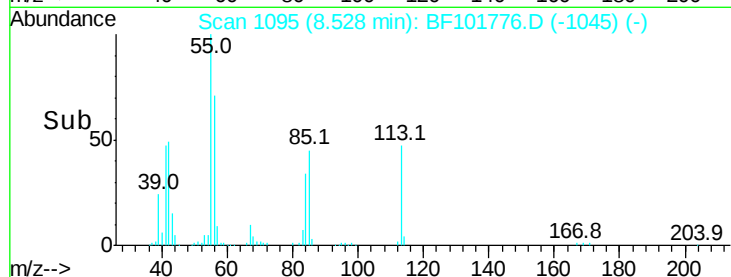
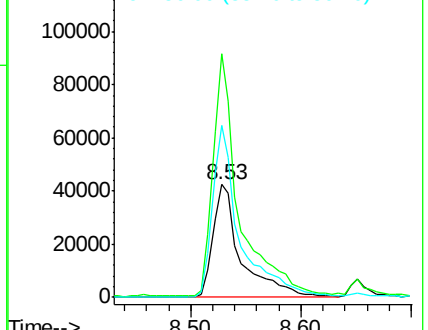
56 152.0 115.7 155.7



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: 26.560 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

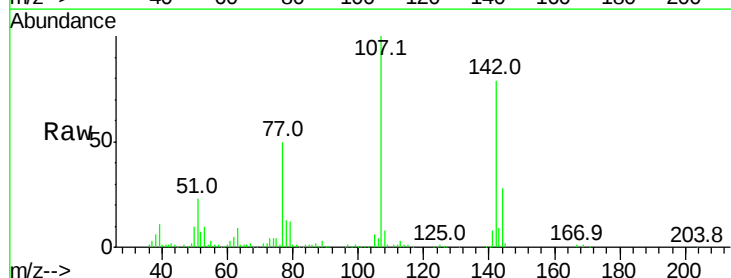
Tgt Ion:107 Resp: 257916

Ion Ratio Lower Upper

107 100

144 27.5 20.5 30.7

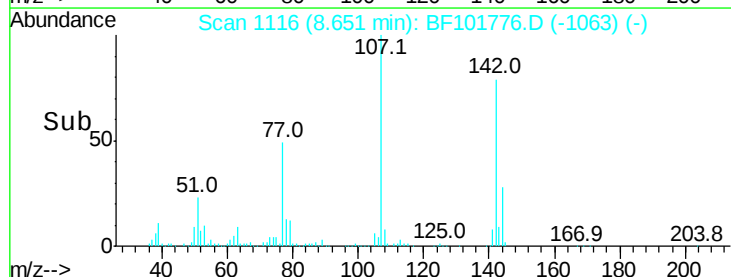
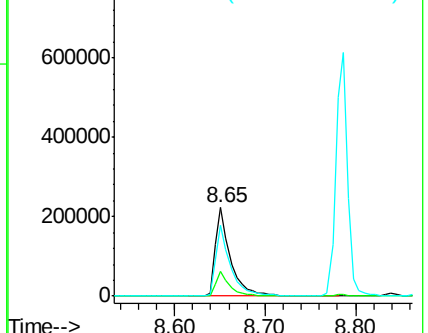
142 79.3 62.0 93.0

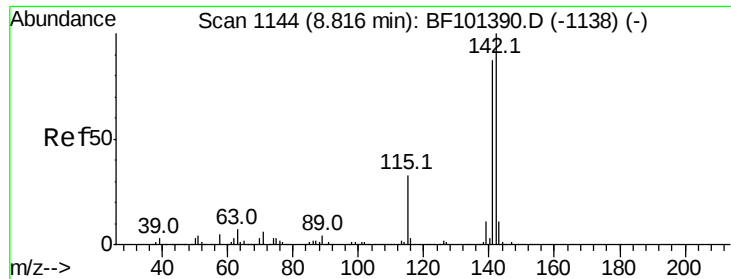


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

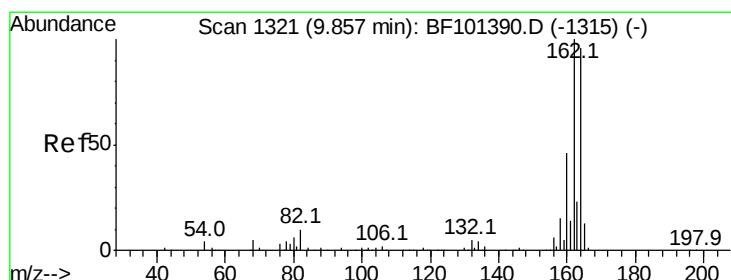
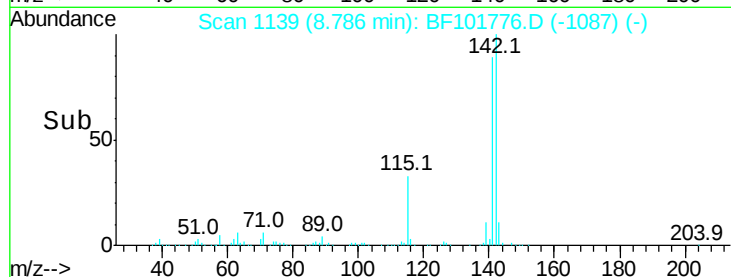
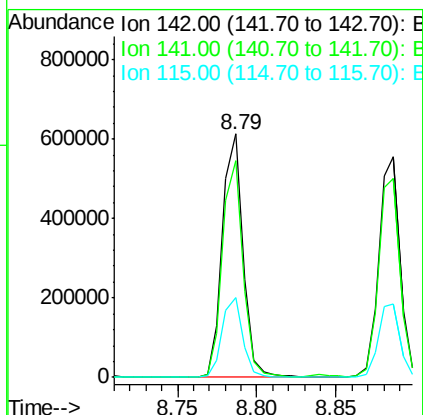
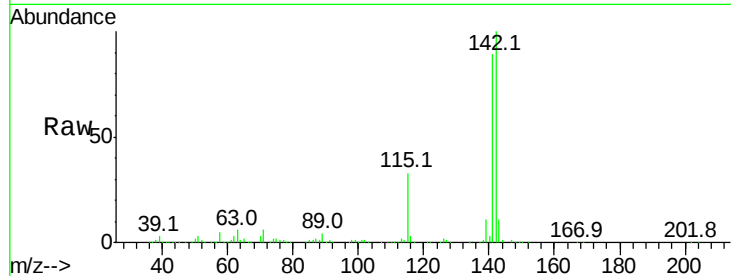




#37
2-Methylnaphthalene
Concen: 27.446 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

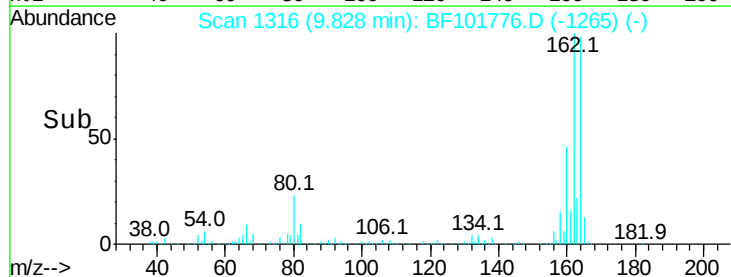
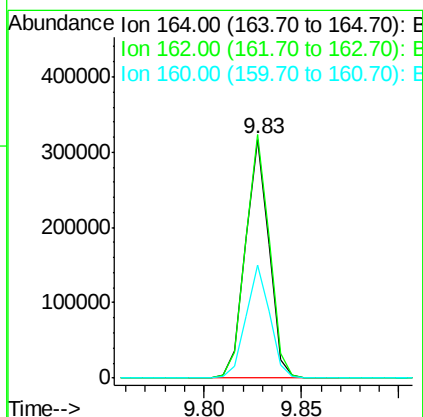
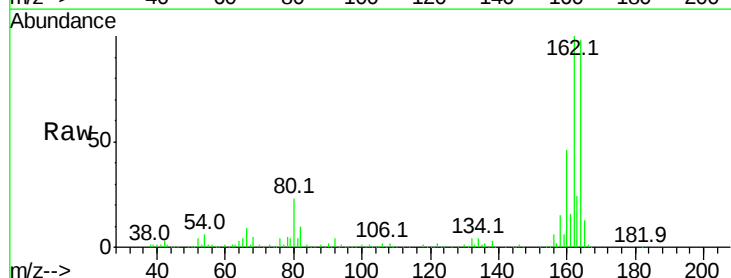
Instrument :
BNA_F
ClientSampleId :

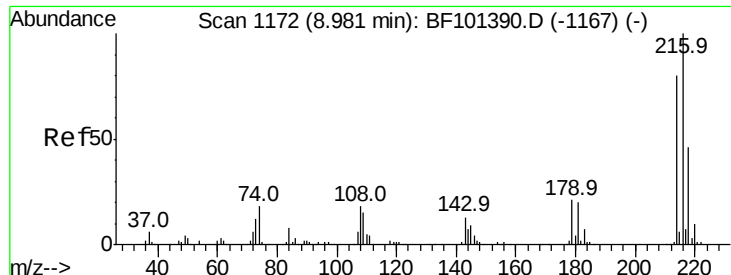
Tot Ion:142 Resp: 554781
Ion Ratio Lower Upper
142 100
141 88.9 70.8 106.2
115 32.9 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

Tgt Ion:164 Resp: 264505
Ion Ratio Lower Upper
164 100
162 102.1 86.1 129.1
160 47.4 38.3 57.5

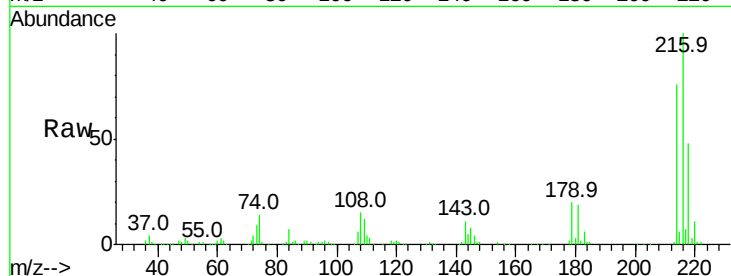




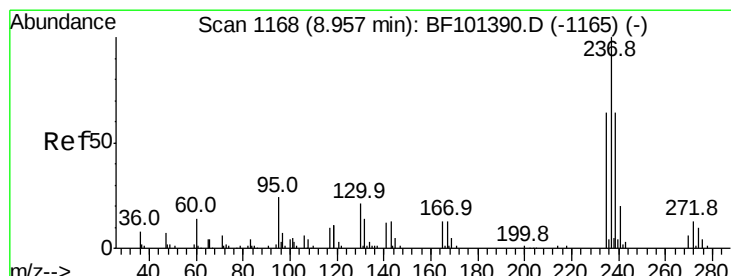
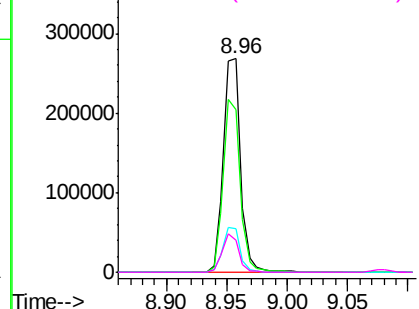
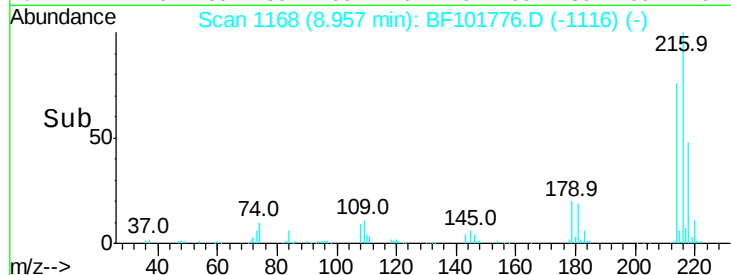
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.630 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.01 min
 Lab File: BF101776.D
 Acq: 27 Dec 2017 21:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	264605
Ion Ratio	Lower	Upper	
216	100		
214	79.0	63.0	94.4
179	20.7	18.1	27.1
108	17.1	17.2	25.8#

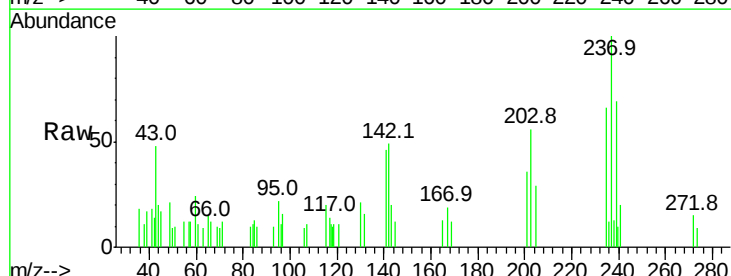


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

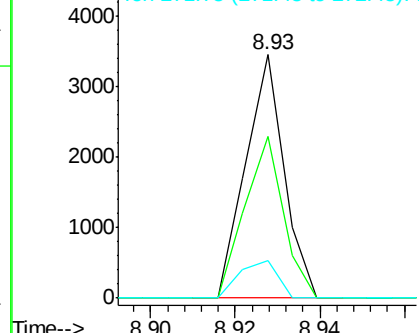
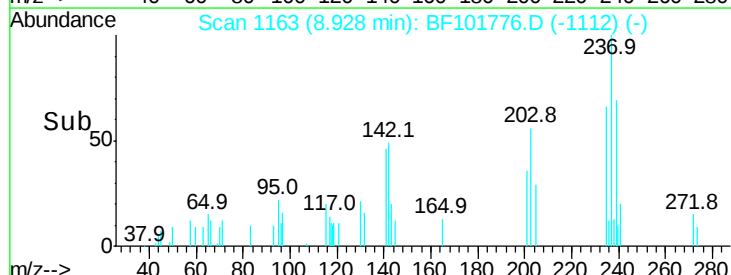


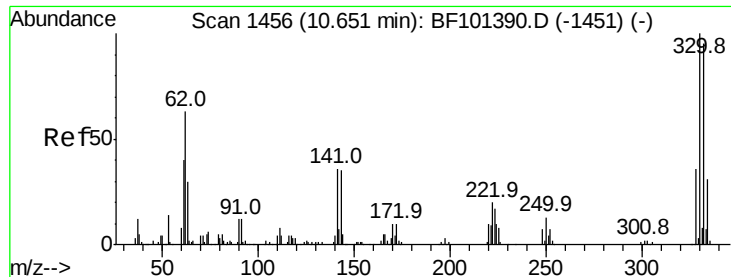
#40
 Hexachlorocyclopentadiene
 Concen: 12.997 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF101776.D
 Acq: 27 Dec 2017 21:29

Tgt Ion:	237	Resp:	2180
Ion Ratio	Lower	Upper	
237	100		
235	66.4	44.8	84.8
272	15.3	0.0	33.3



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

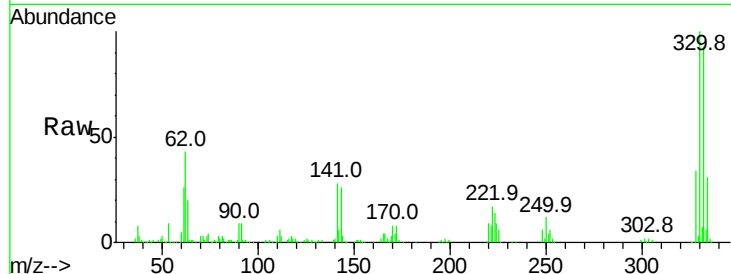




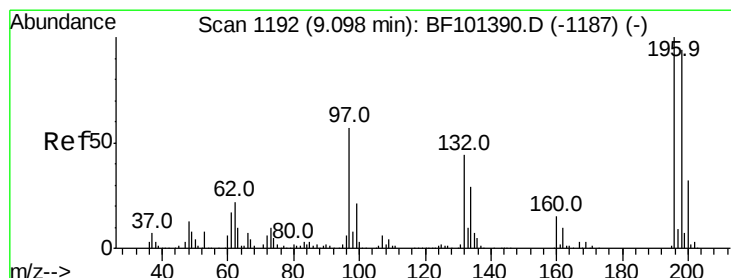
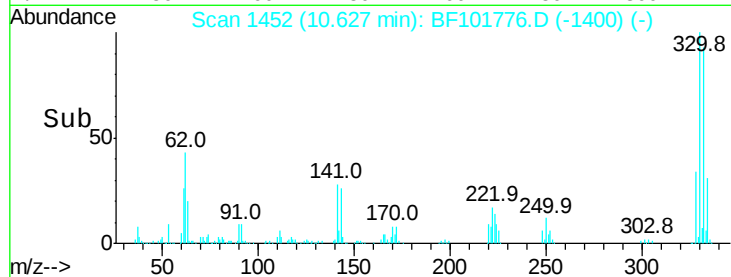
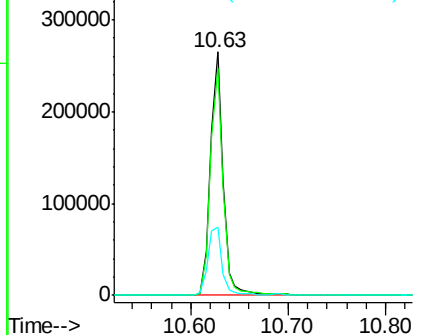
#41
 2,4,6-Tribromophenol
 Concen: 94.917 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF101776.D
 Acq: 27 Dec 2017 21:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.0	115.6
141	31.1	29.9	44.9

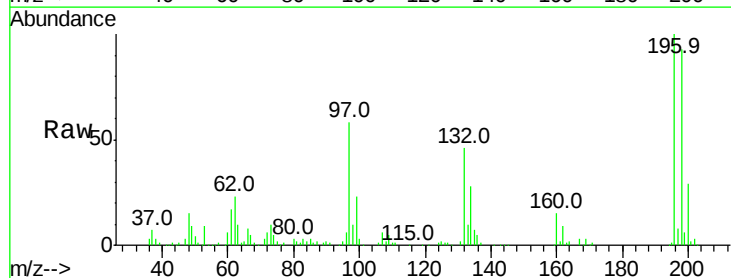


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

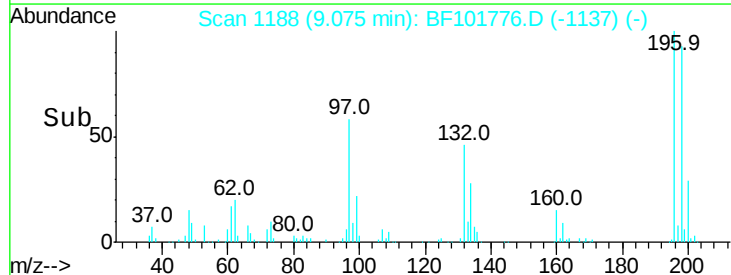
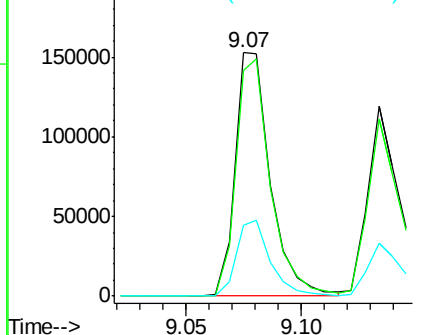


#42
 2,4,6-Trichlorophenol
 Concen: 30.188 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF101776.D
 Acq: 27 Dec 2017 21:29

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.9	75.7	113.5
200	29.0	24.5	36.7



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

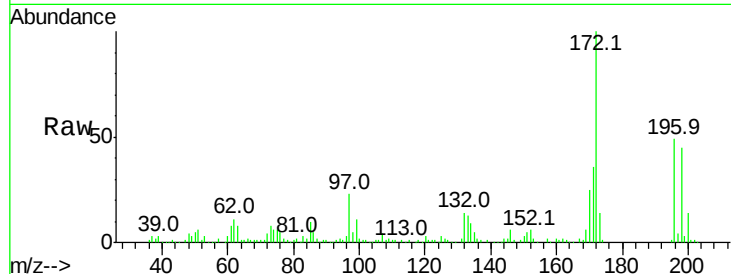




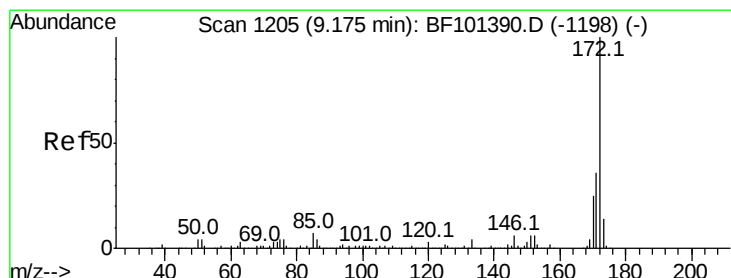
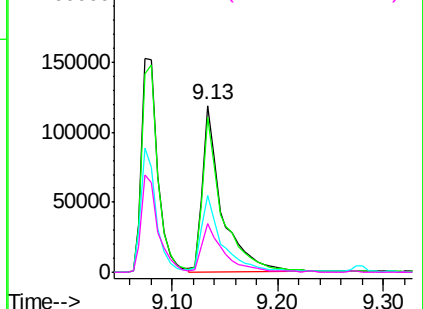
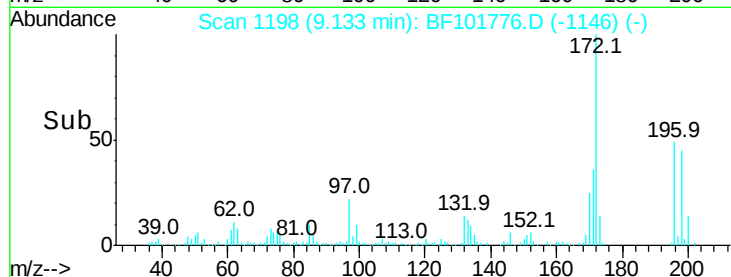
#43
2,4,5-Trichlorophenol
Concen: 25.742 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.0	74.6	112.0
97	46.2	42.9	64.3
132	29.0	26.3	39.5

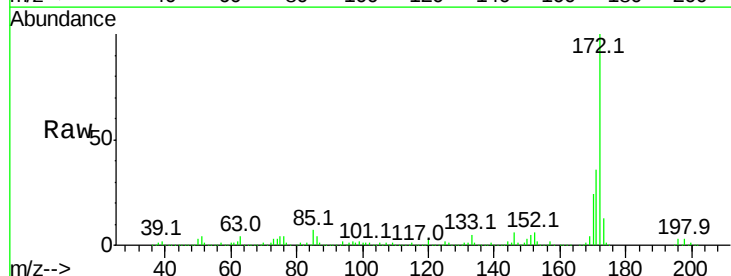


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

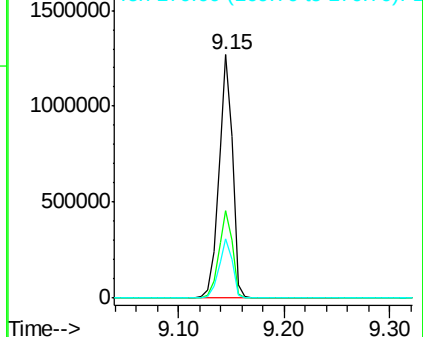
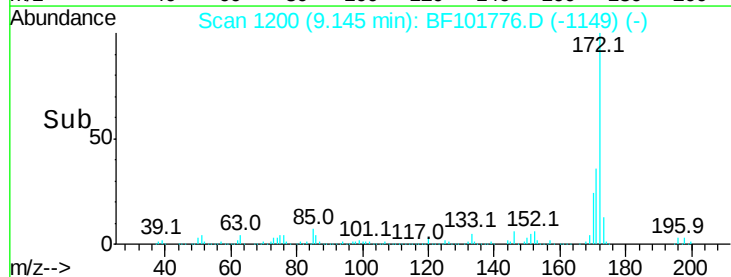


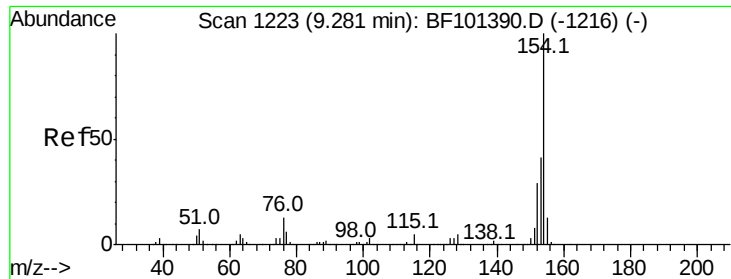
#44
2-Fluorobiphenyl
Concen: 68.102 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.3	19.6	29.4



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





#45

1,1'-Biphenyl

Concen: 28.378 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

Instrument :

BNA_F

ClientSampled :

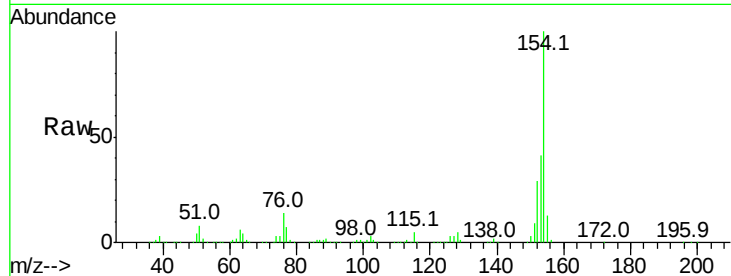
Tot Ion:154 Resp: 665673

Ion Ratio Lower Upper

154 100

153 41.2 21.3 61.3

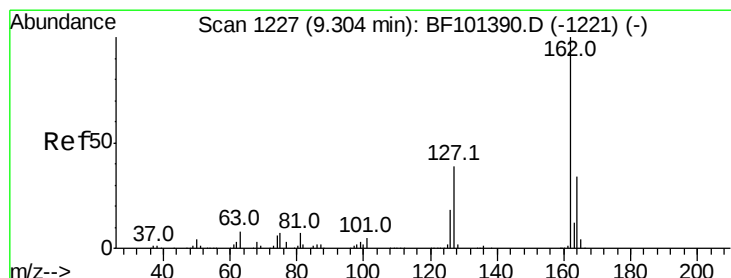
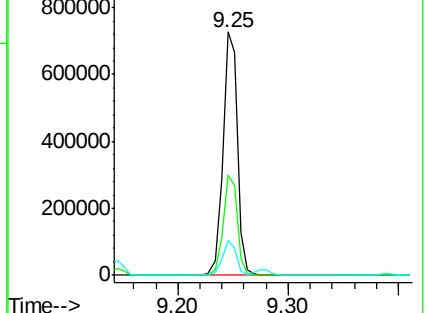
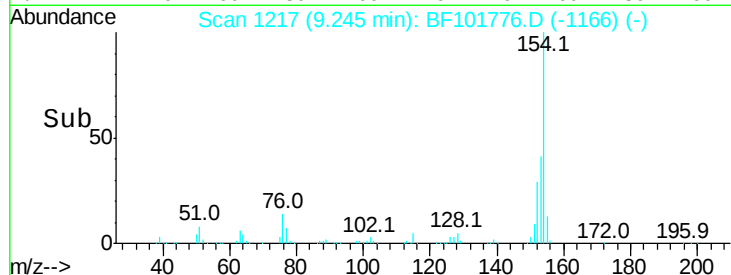
76 14.4 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 27.538 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

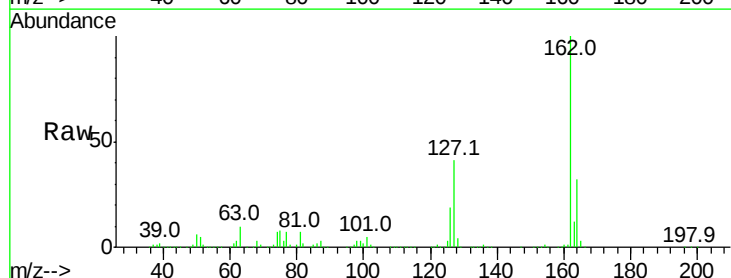
Tgt Ion:162 Resp: 494276

Ion Ratio Lower Upper

162 100

127 40.7 33.9 50.9

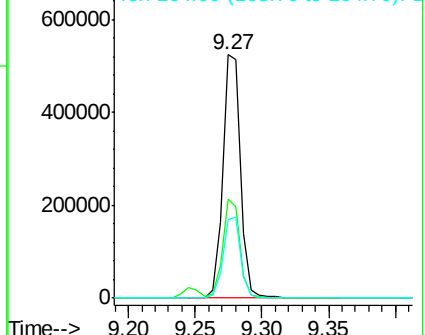
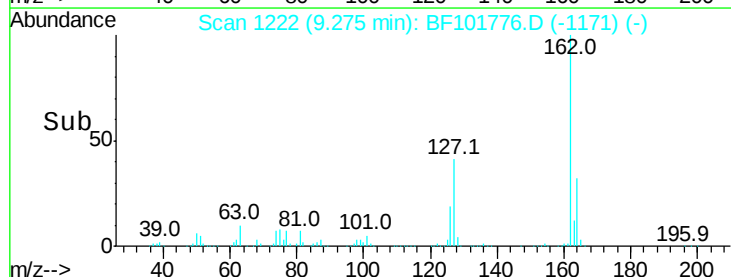
164 32.2 26.5 39.7

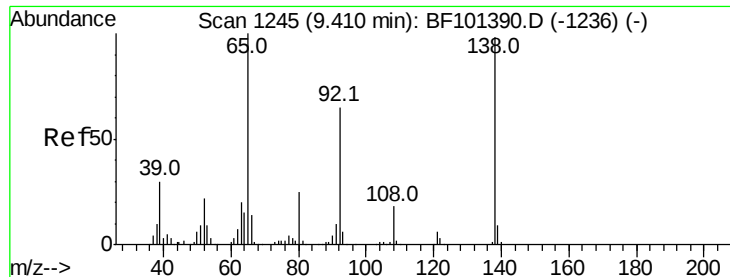


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 27.334 ng

RT: 9.39 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

Instrument :

BNA_F

ClientSampleId :

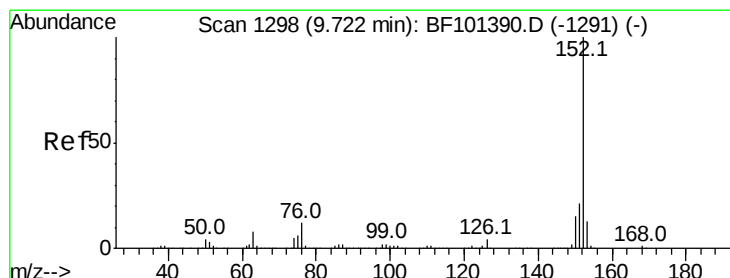
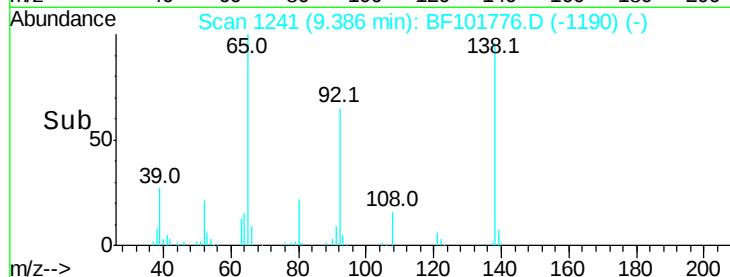
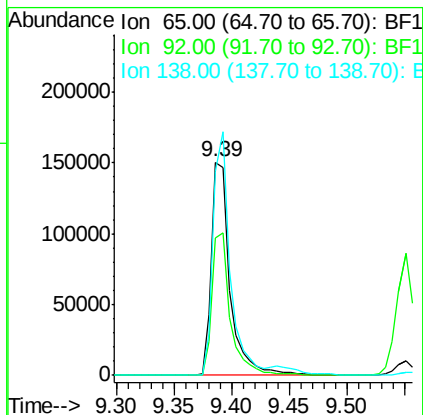
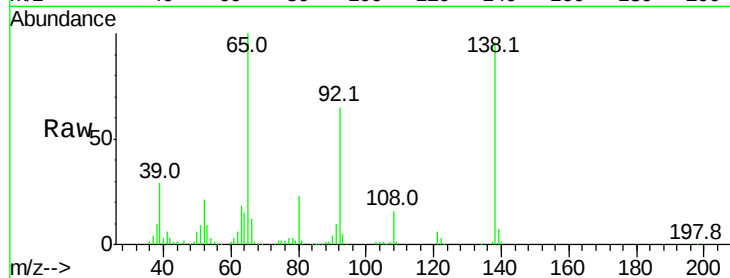
Tot Ion: 65 Resp: 169485

Ion Ratio Lower Upper

65 100

92 64.6 55.8 83.6

138 95.7 91.2 136.8



#48

Acenaphthylene

Concen: 25.282 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

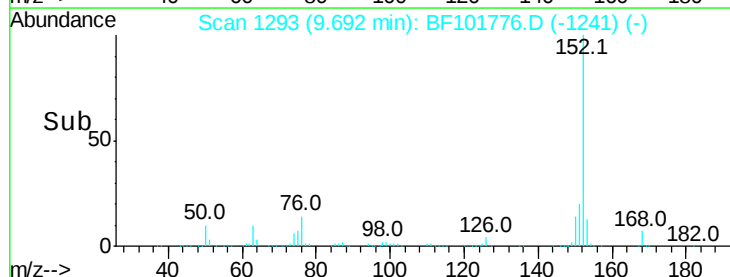
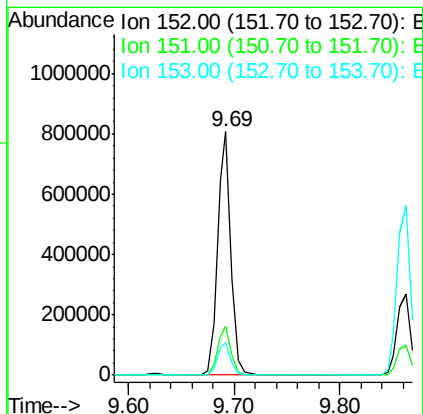
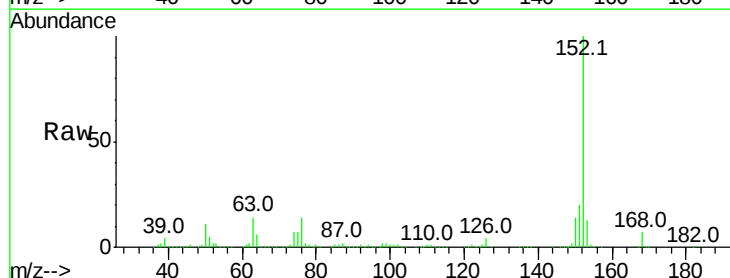
Tgt Ion: 152 Resp: 716743

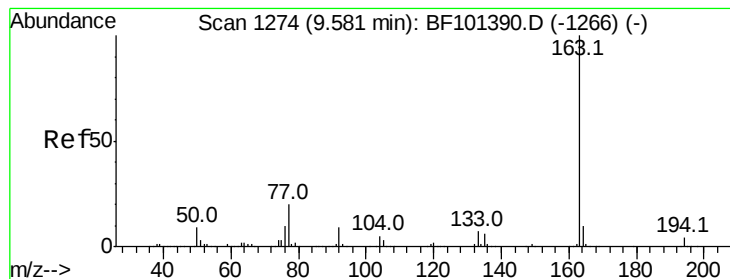
Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

153 13.2 10.7 16.1





#49

Dimethylphthalate

Concen: 33.048 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

Instrument :

BNA_F

ClientSampleId :

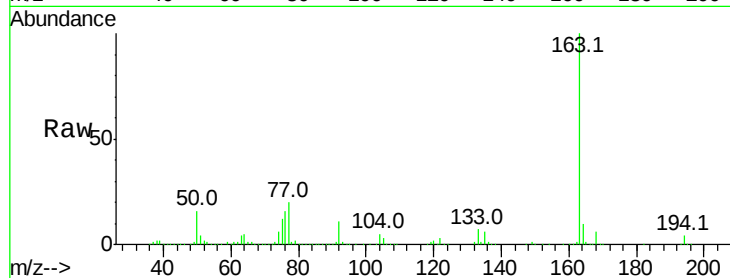
Tot Ion:163 Resp: 703129

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

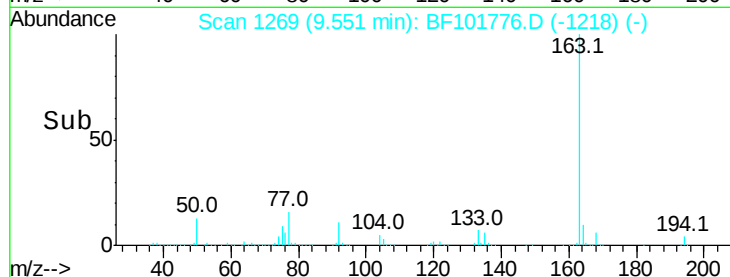
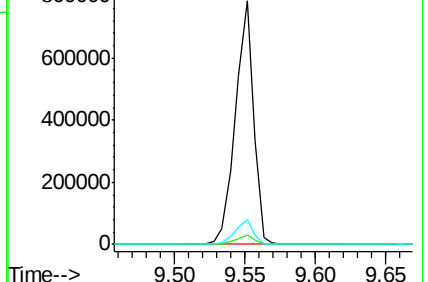
164 10.2 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 26.955 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

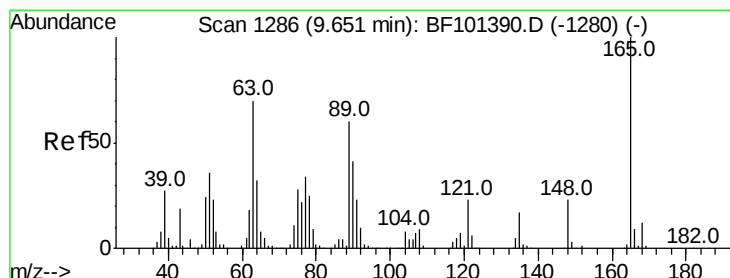
Tgt Ion:165 Resp: 116556

Ion Ratio Lower Upper

165 100

63 69.8 44.7 67.1#

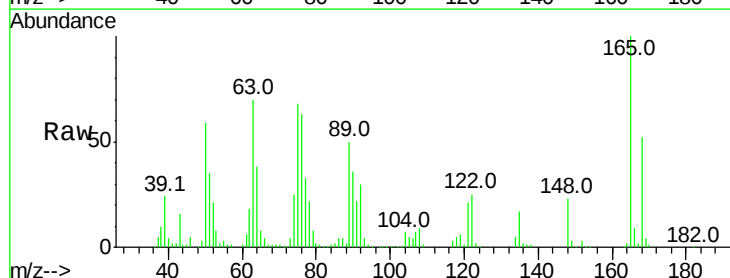
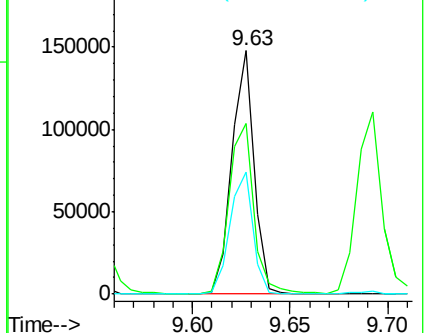
89 50.2 44.0 66.0

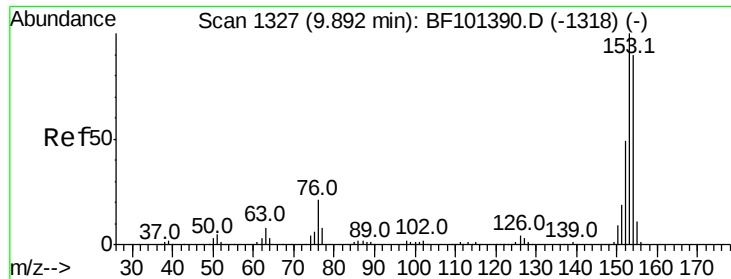


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

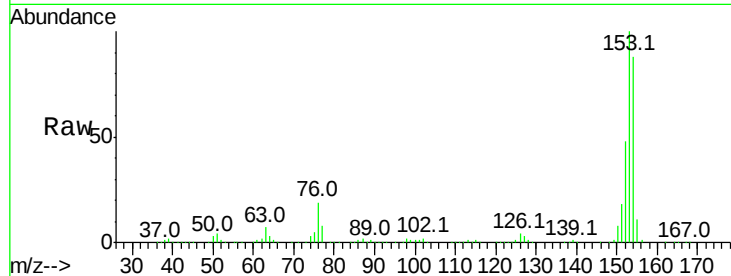




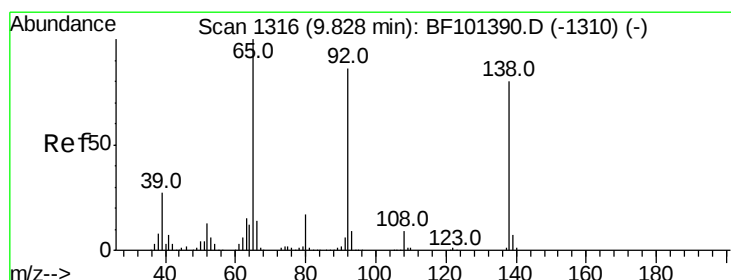
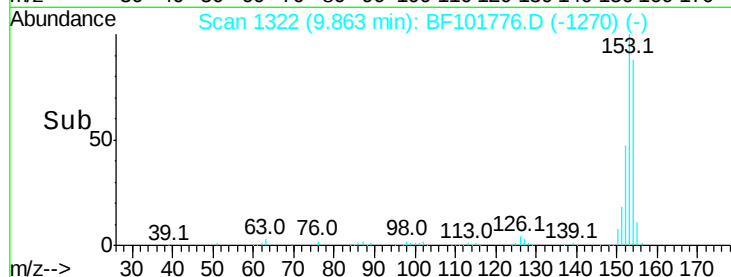
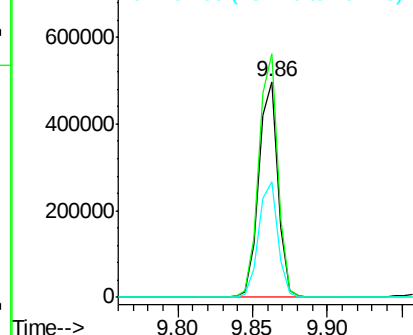
#51
Acenaphthene
Concen: 25.743 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 438458
Ion Ratio Lower Upper
154 100
153 113.0 91.2 136.8
152 53.8 43.8 65.8

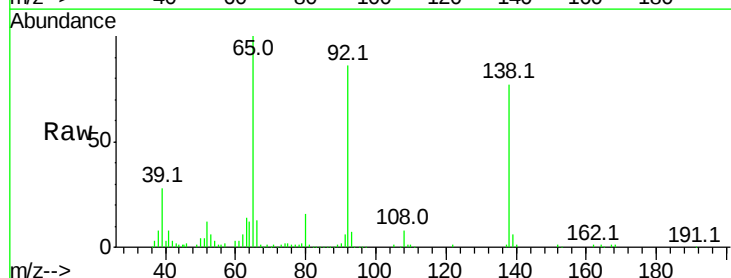


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

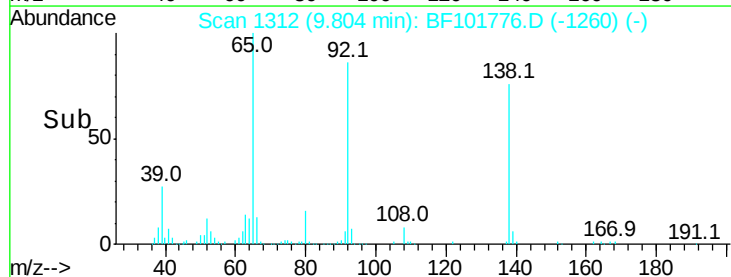
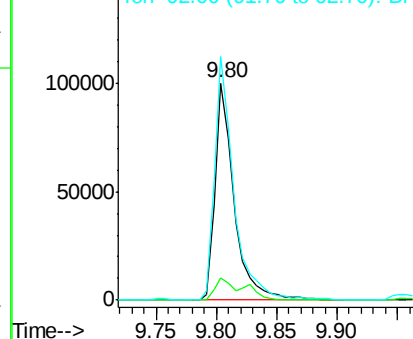


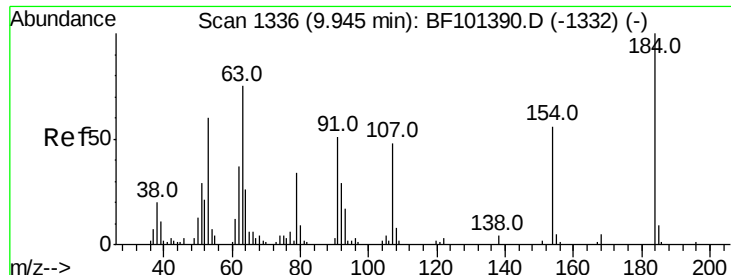
#52
3-Nitroaniline
Concen: 20.184 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

Tgt Ion:138 Resp: 108814
Ion Ratio Lower Upper
138 100
108 10.2 9.4 14.0
92 112.2 89.4 134.2



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

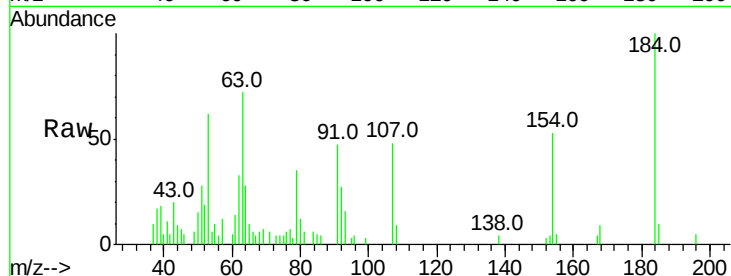




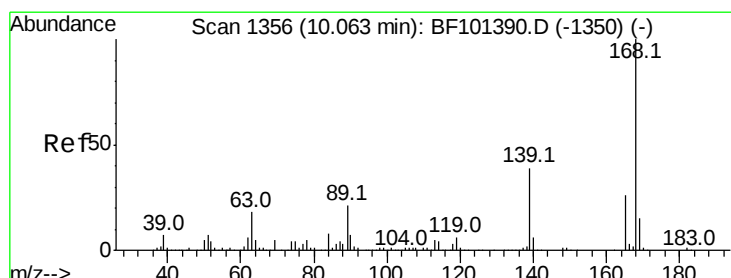
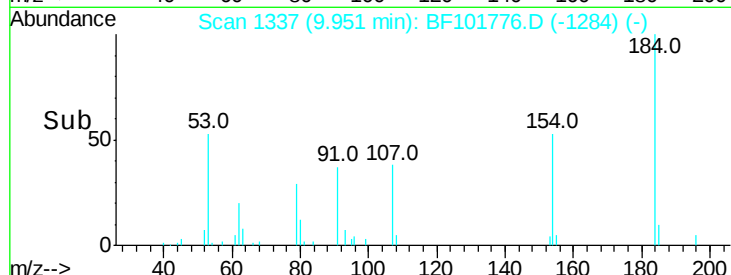
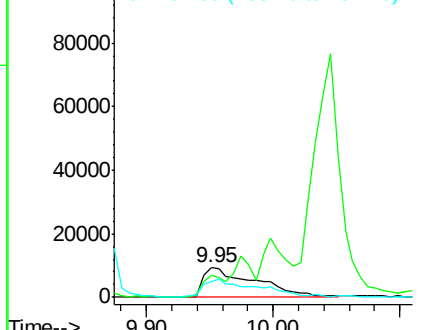
#53
2,4-Dinitrophenol
Concen: 25.780 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 26732
Ion Ratio Lower Upper
184 100
63 72.5 54.2 81.2
154 52.9 184.0 276.0#

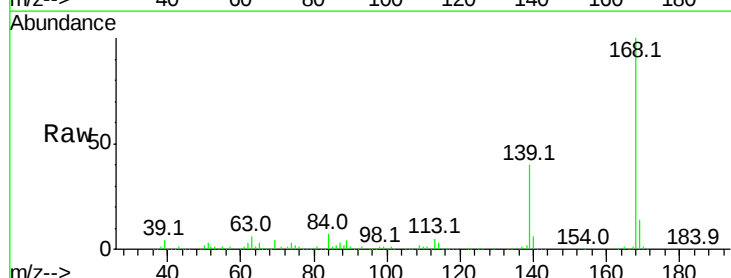


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

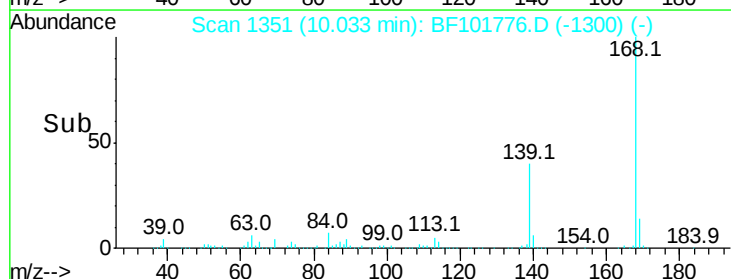
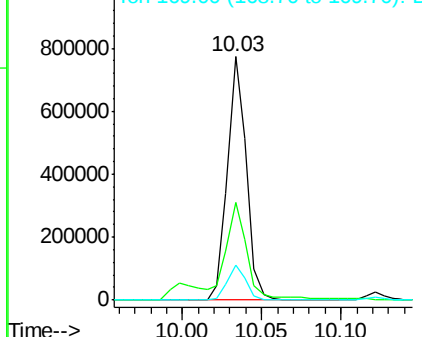


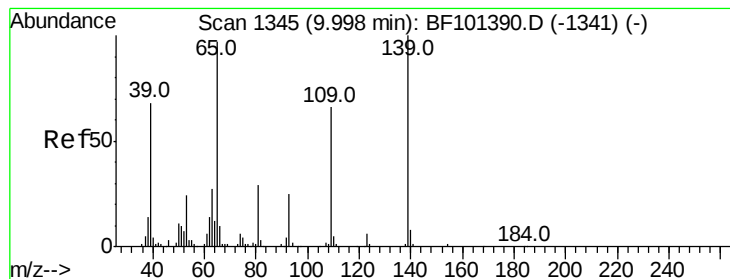
#54
Dibenzofuran
Concen: 29.313 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

Tgt Ion:168 Resp: 634488
Ion Ratio Lower Upper
168 100
139 40.1 30.1 45.1
169 14.5 10.9 16.3



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





#55

4-Nitrophenol

Concen: 30.905 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

Instrument :

BNA_F

ClientSampleId :

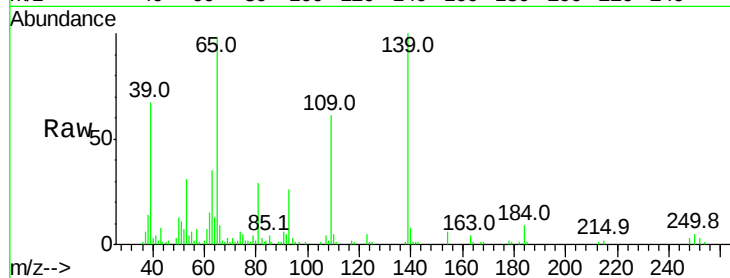
Tot Ion:139 Resp: 72650

Ion Ratio Lower Upper

139 100

109 61.2 48.4 88.4

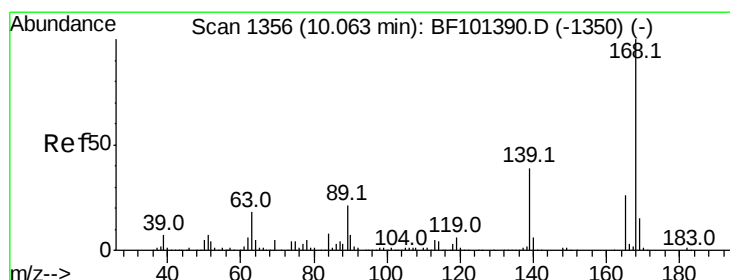
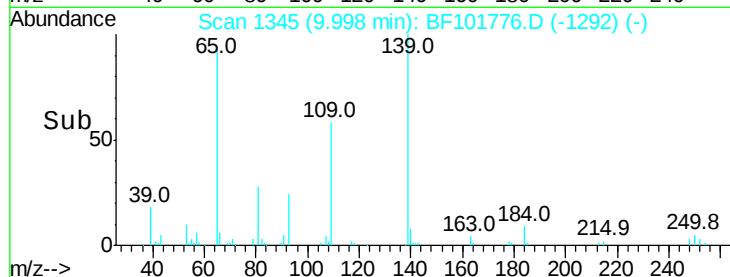
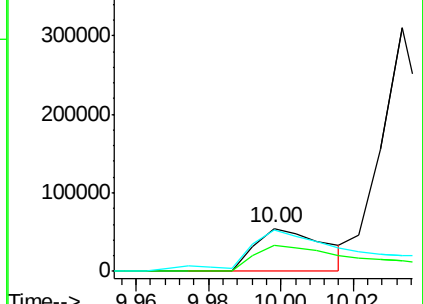
65 97.8 72.6 112.6



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



#56

2,4-Dinitrotoluene

Concen: 31.569 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

Tgt Ion:165 Resp: 153802

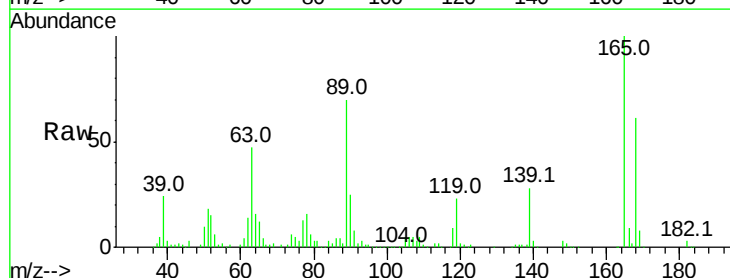
Ion Ratio Lower Upper

165 100

63 47.4 36.4 54.6

89 69.6 57.8 86.6

182 2.5 1.6 2.4#

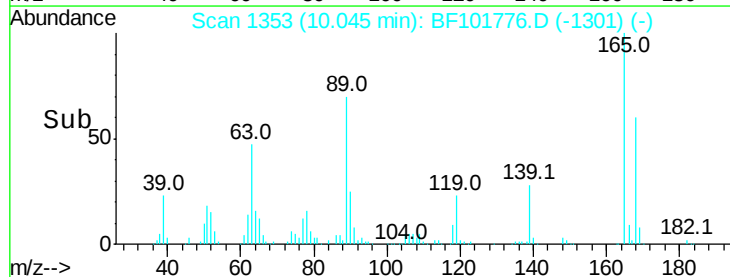
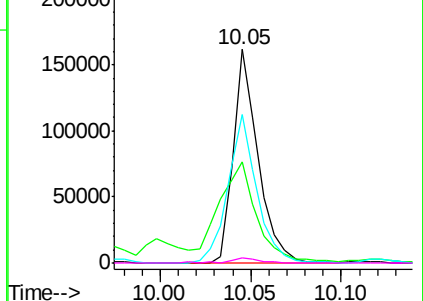


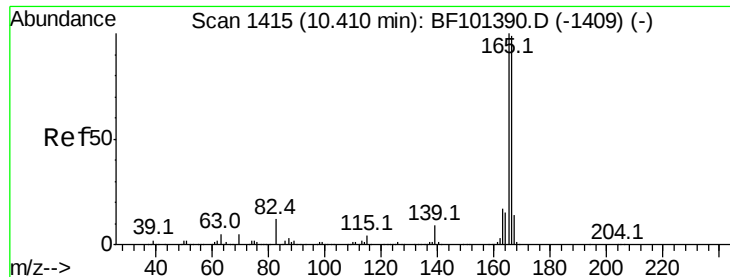
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 27.451 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.01 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

Instrument :

BNA_F

ClientSampleId :

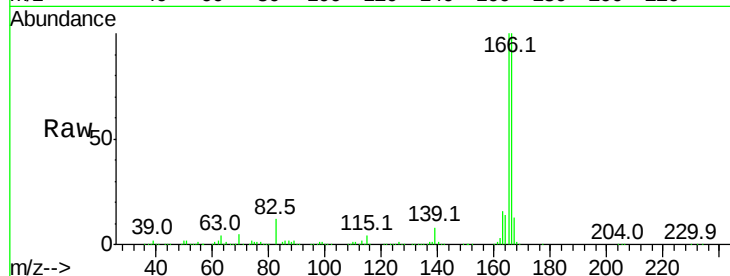
Tot Ion:166 Resp: 502646

Ion Ratio Lower Upper

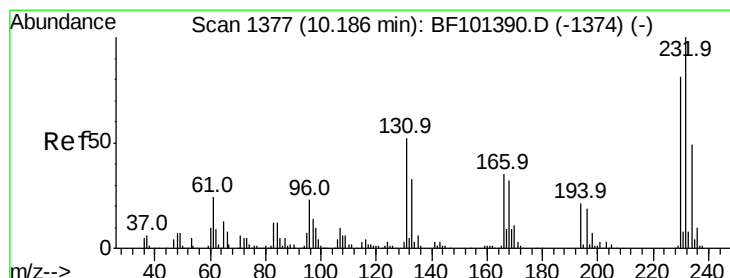
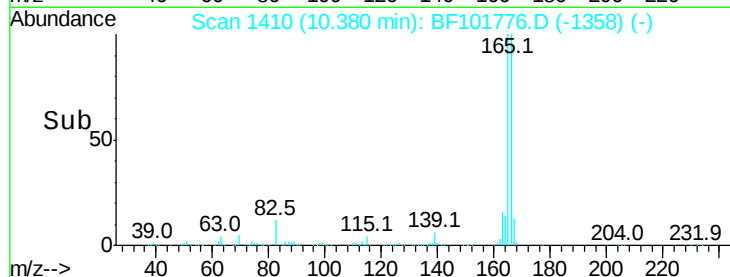
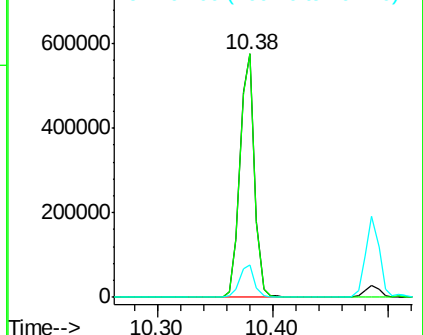
166 100

165 100.0 79.8 119.8

167 13.1 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



#58

2,3,4,6-Tetrachlorophenol

Concen: 28.915 ng

RT: 10.17 min Scan# 1374

Delta R.T. 0.01 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

Tgt Ion:232 Resp: 122291

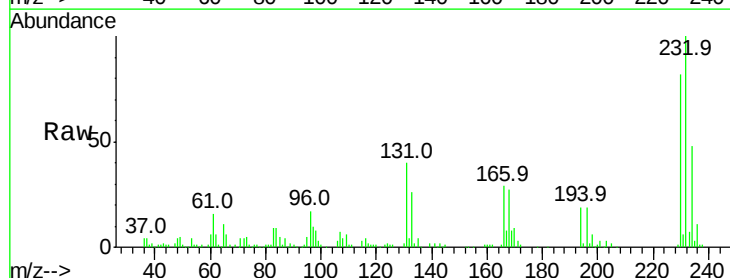
Ion Ratio Lower Upper

232 100

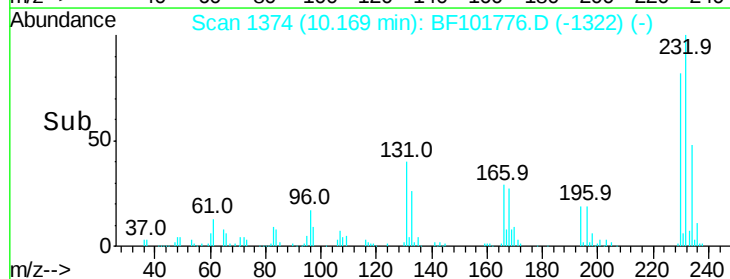
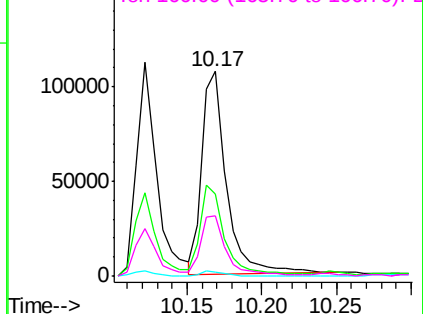
131 44.9 43.8 65.8

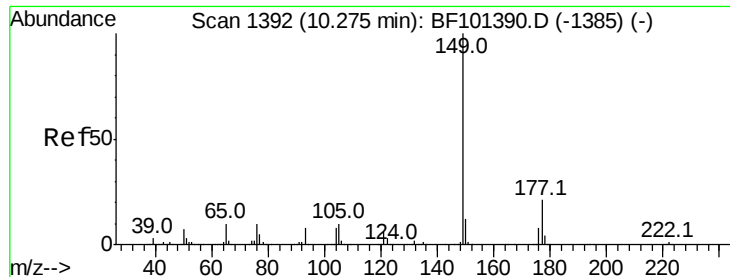
130 2.1 2.1 3.1

166 29.4 27.8 41.6



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





#59

Diethylphthalate

Concen: 25.951 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

Instrument :

BNA_F

ClientSampleId :

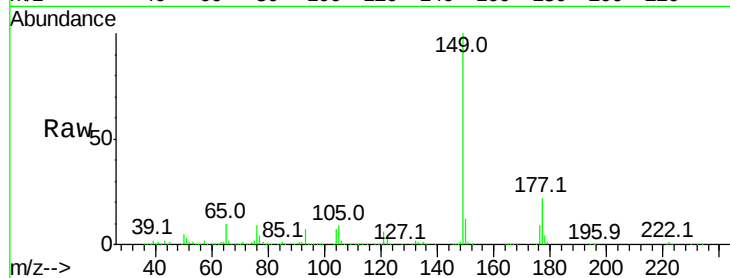
Tot Ion:149 Resp: 546765

Ion Ratio Lower Upper

149 100

177 22.1 16.1 24.1

150 12.4 10.1 15.1



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

10.25

800000

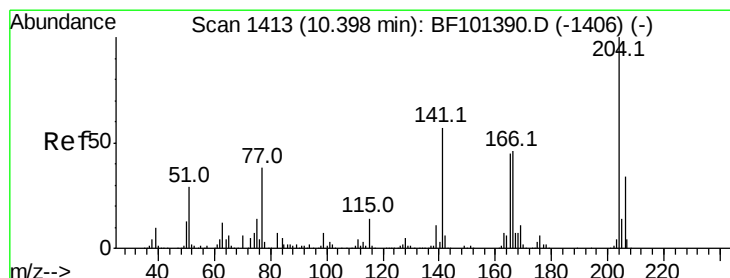
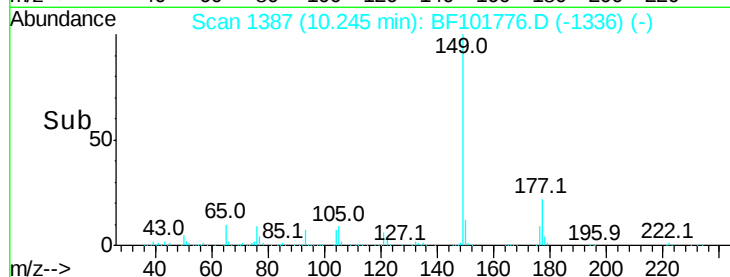
600000

400000

200000

0

Time-->



#60

4-Chlorophenyl-phenylether

Concen: 28.608 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.00 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

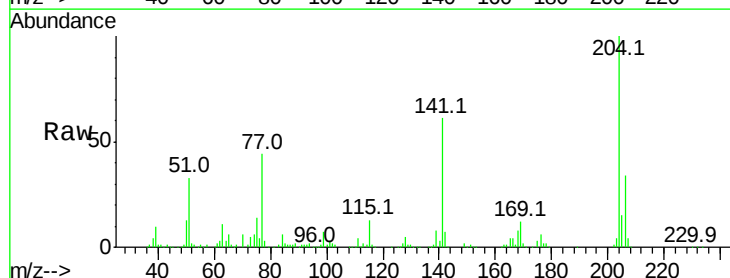
Tgt Ion:204 Resp: 251057

Ion Ratio Lower Upper

204 100

206 33.5 26.5 39.7

141 61.0 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

10.36

400000

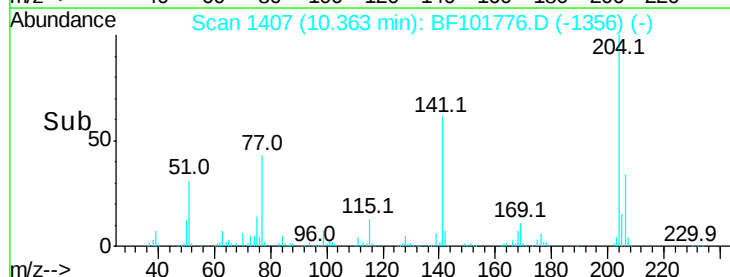
300000

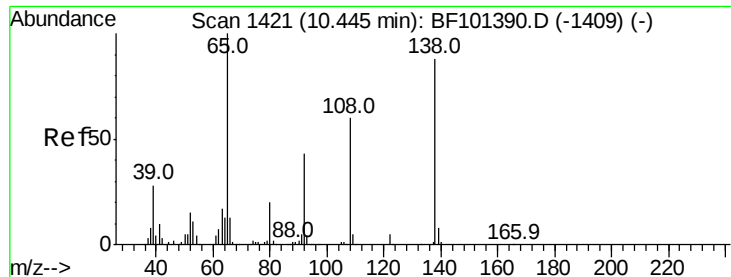
200000

100000

0

Time-->

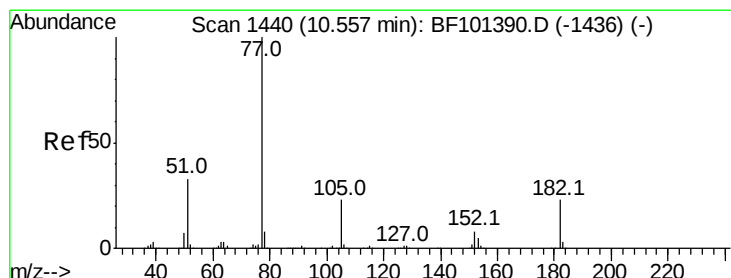
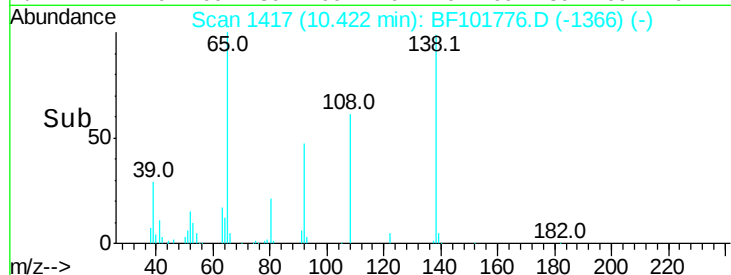
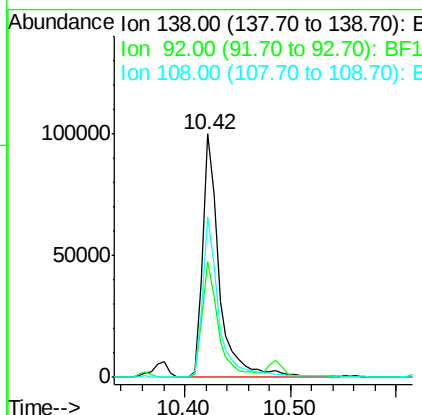
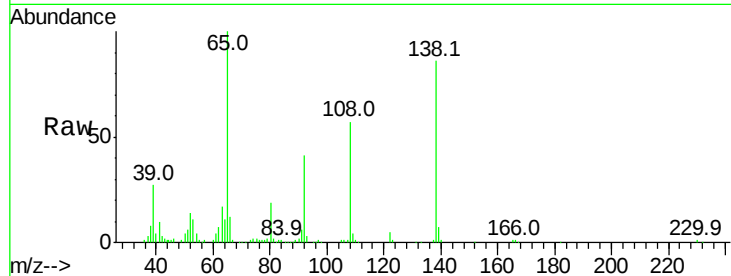




#61
4-Nitroaniline
Concen: 20.253 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

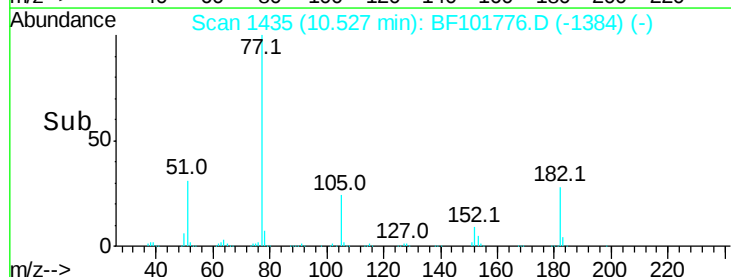
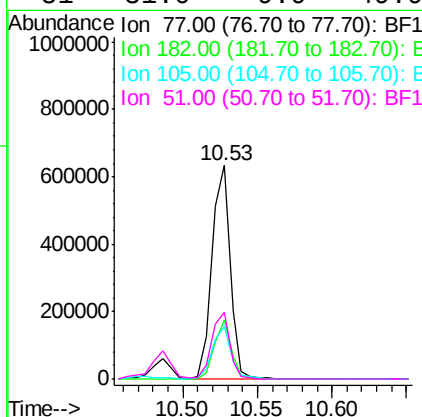
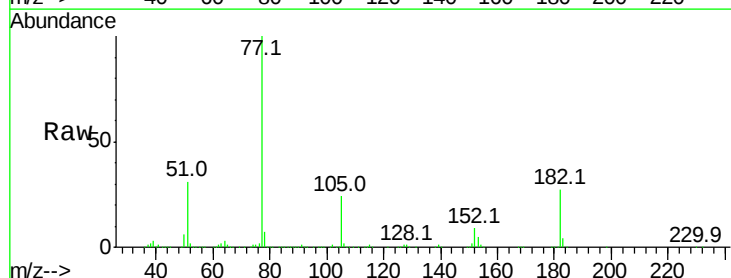
Instrument :
BNA_F
ClientSampleId :

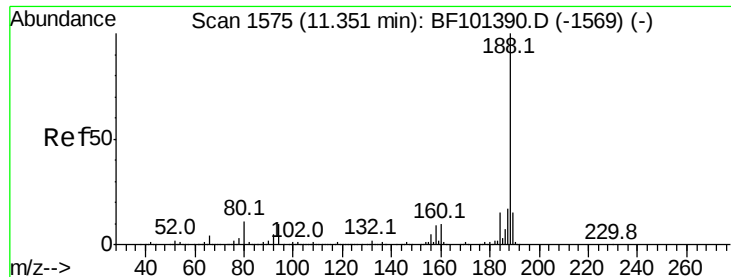
Tot Ion:138 Resp: 109748
Ion Ratio Lower Upper
138 100
92 47.6 30.2 70.2
108 66.0 52.5 92.5



#62
Azobenzene
Concen: 24.634 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

Tgt Ion: 77 Resp: 537652
Ion Ratio Lower Upper
77 100
182 27.5 1.7 41.7
105 24.4 3.0 43.0
51 31.0 9.9 49.9

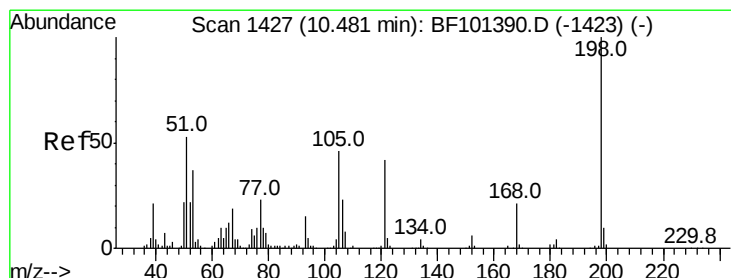
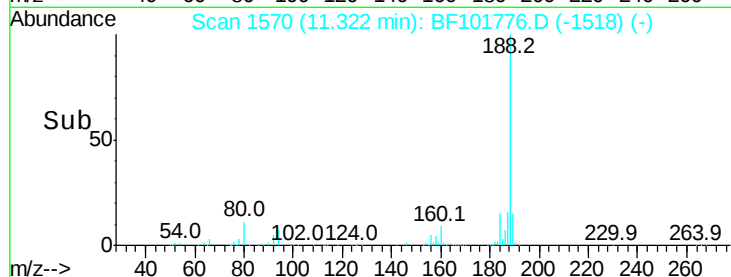
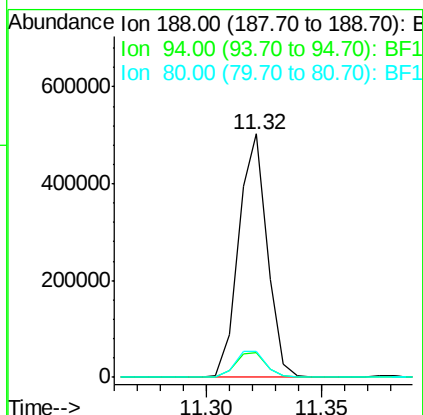
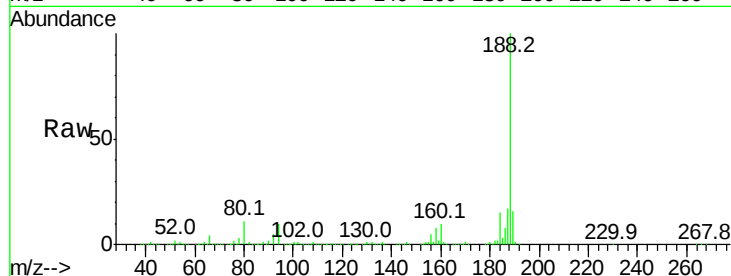




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

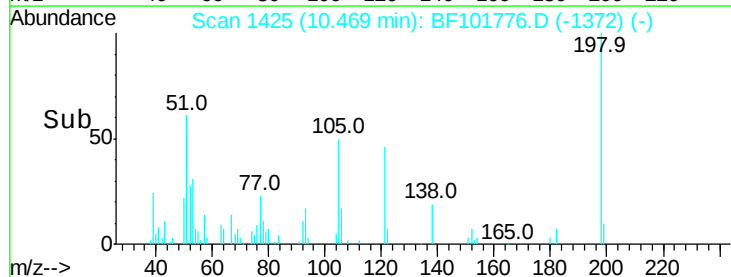
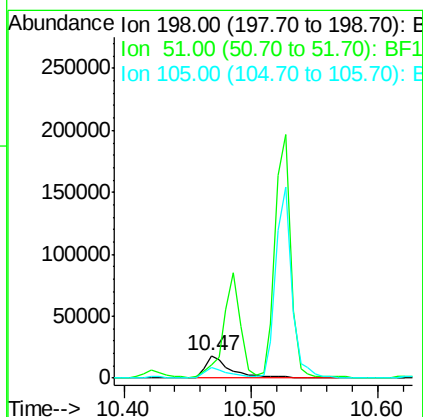
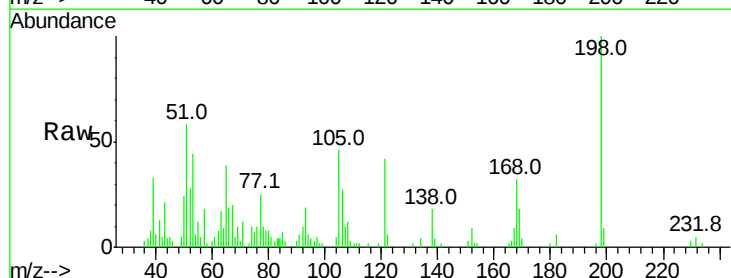
Instrument :
BNA_F
ClientSampleId :

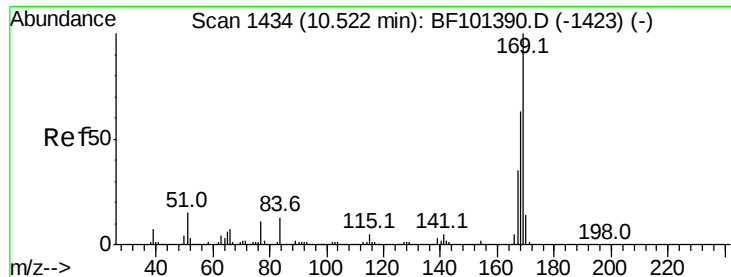
Tot Ion:188 Resp: 433262
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 11.475 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

Tgt Ion:198 Resp: 25370
Ion Ratio Lower Upper
198 100
51 58.1 37.7 77.7
105 46.0 36.3 76.3

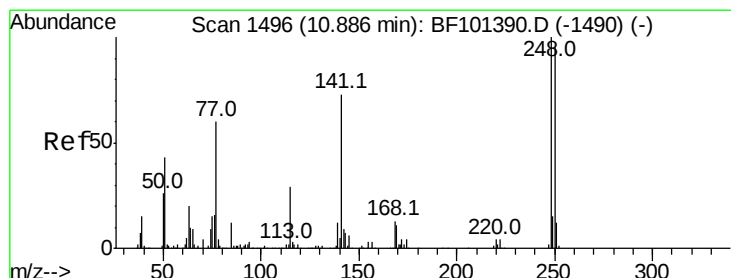
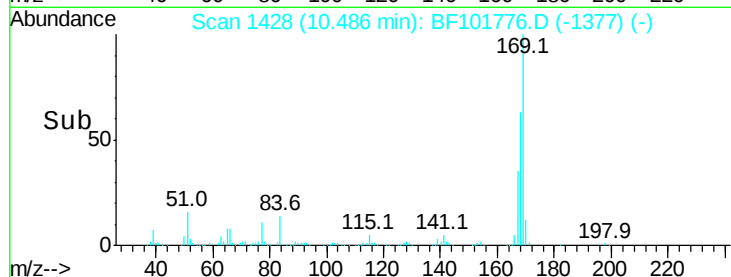
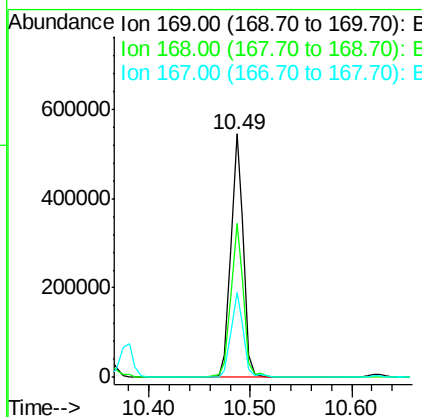
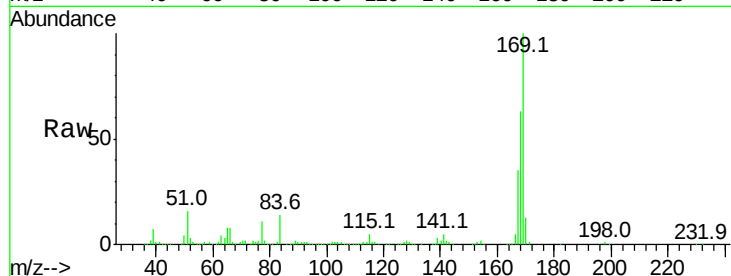




#65
n-Nitrosodiphenylamine
Concen: 28.895 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

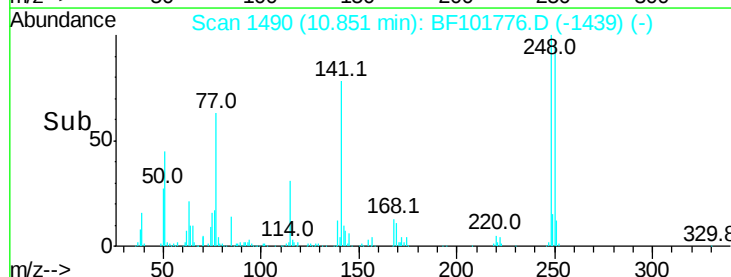
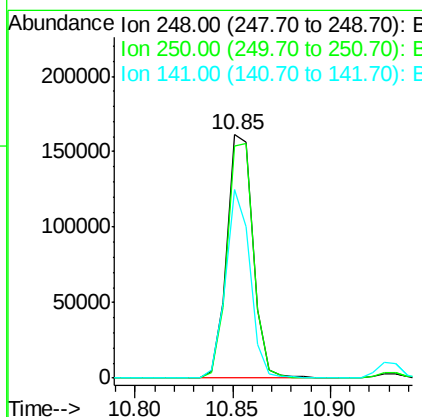
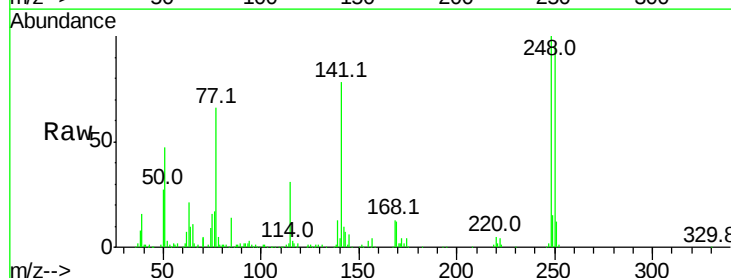
Instrument :
BNA_F
ClientSampleId :

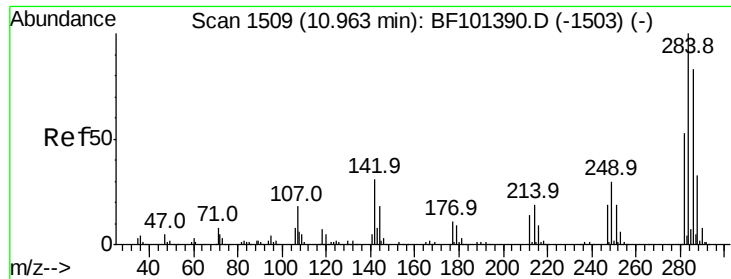
Tot Ion:169 Resp: 462264
Ion Ratio Lower Upper
169 100
168 63.2 54.4 81.6
167 35.0 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 30.944 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

Tgt Ion:248 Resp: 150645
Ion Ratio Lower Upper
248 100
250 95.2 76.9 115.3
141 77.7 74.4 111.6

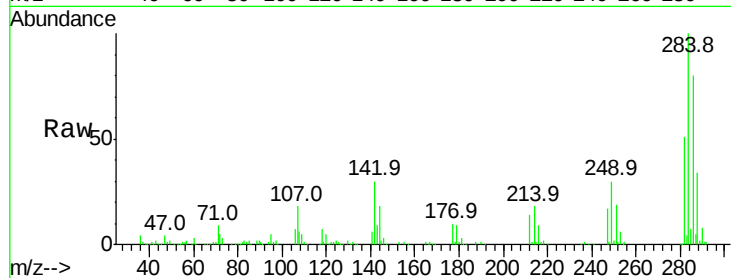




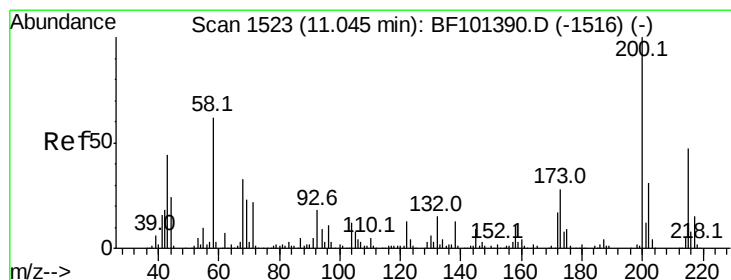
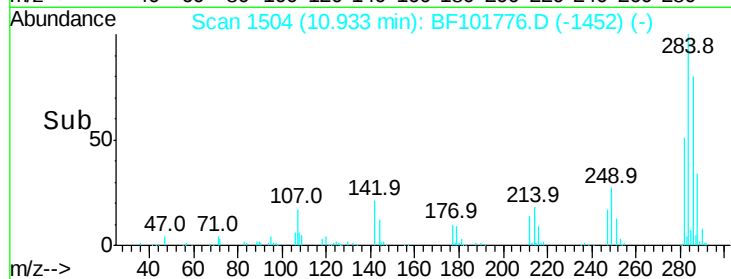
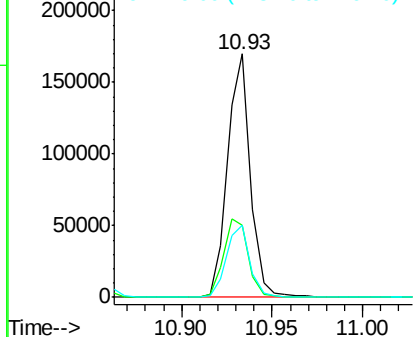
#67
Hexachlorobenzene
Concen: 28.867 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 148736
Ion Ratio Lower Upper
284 100
142 29.6 34.6 52.0#
249 29.8 24.8 37.2

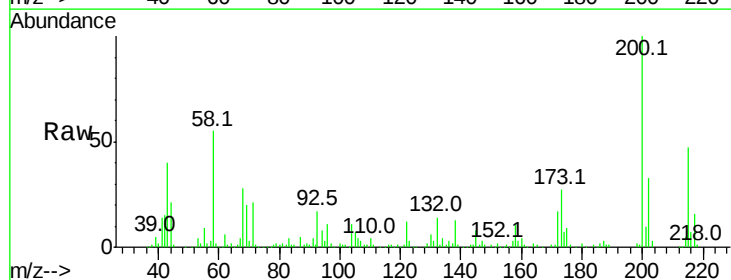


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

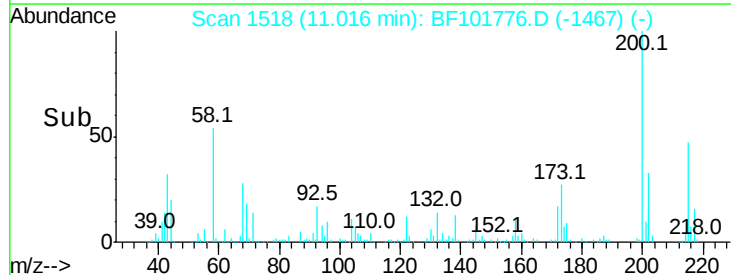
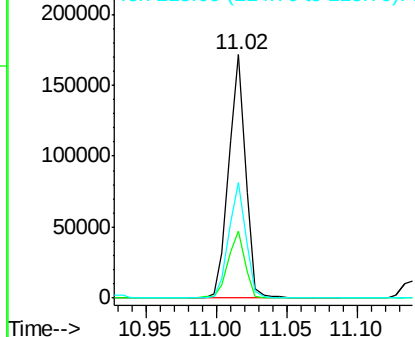


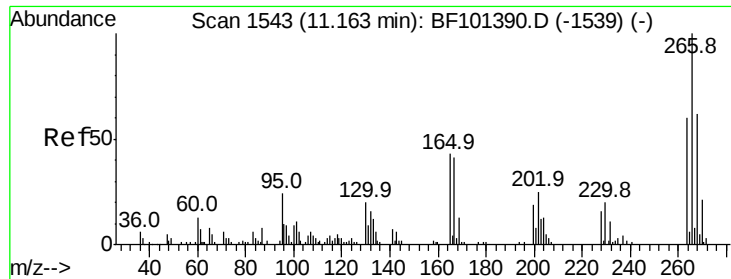
#68
Atrazine
Concen: 29.943 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

Tgt Ion:200 Resp: 142836
Ion Ratio Lower Upper
200 100
173 27.2 8.6 48.6
215 47.4 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

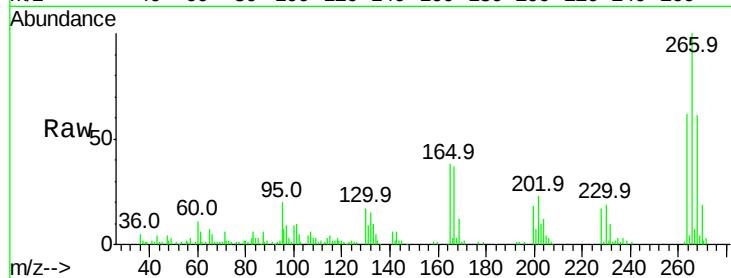




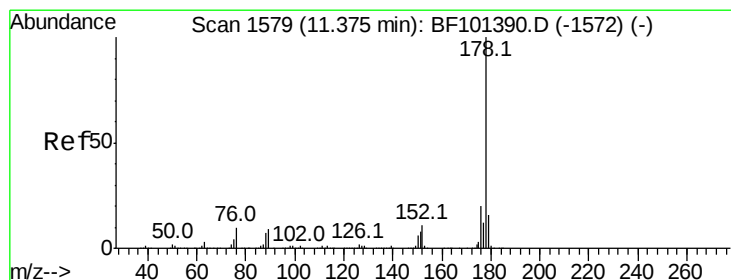
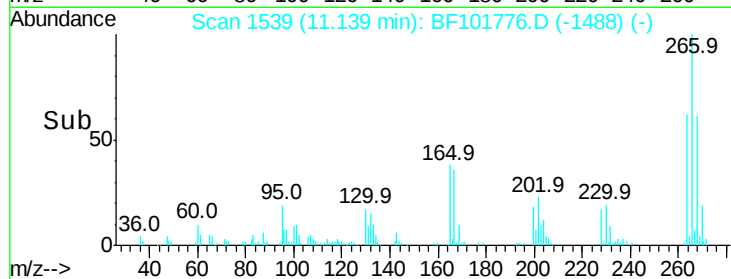
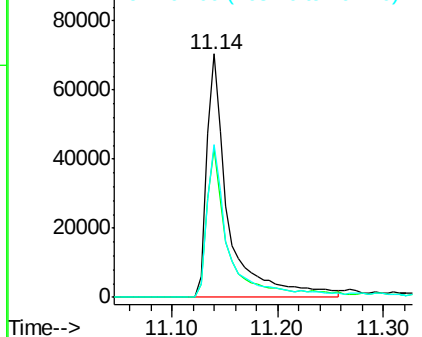
#69
 Pentachlorophenol
 Concen: 52.956 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BF101776.D
 Acq: 27 Dec 2017 21:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.2	51.1	76.7
264	62.5	49.5	74.3

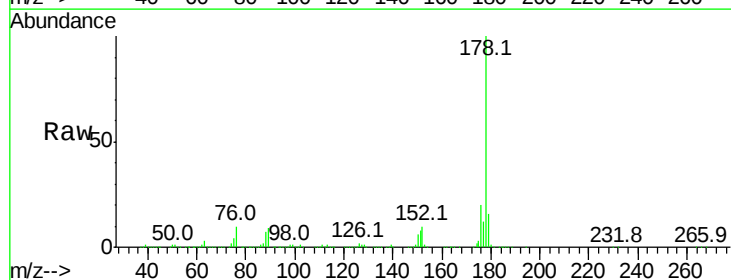


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

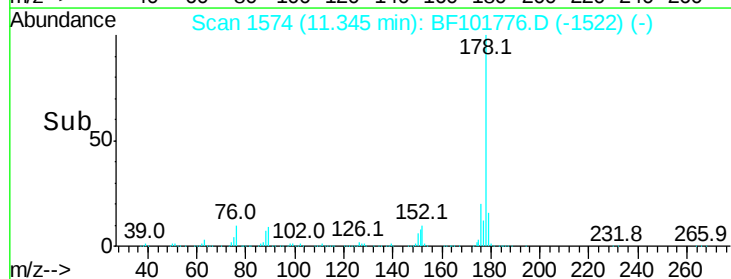
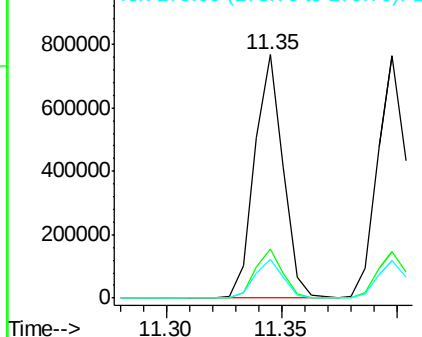


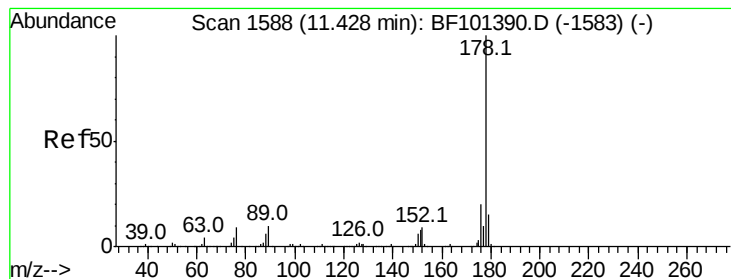
#70
 Phenanthrene
 Concen: 27.516 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BF101776.D
 Acq: 27 Dec 2017 21:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.9	13.0	19.6



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





#71

Anthracene

Concen: 27.847 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

Instrument :

BNA_F

ClientSampleId :

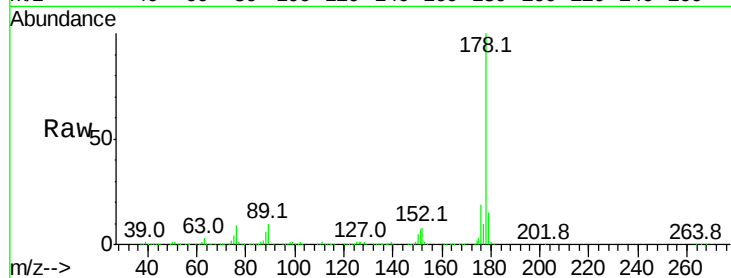
Tot Ion:178 Resp: 685368

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

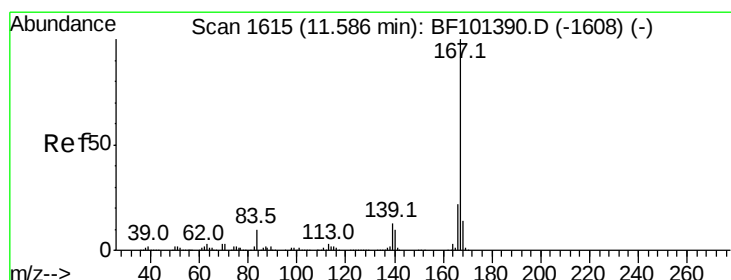
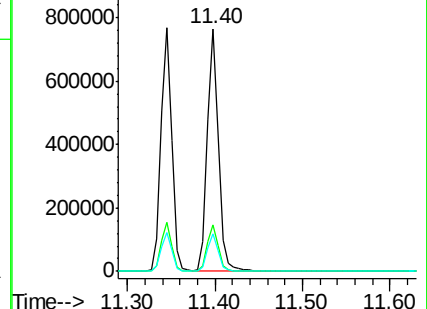
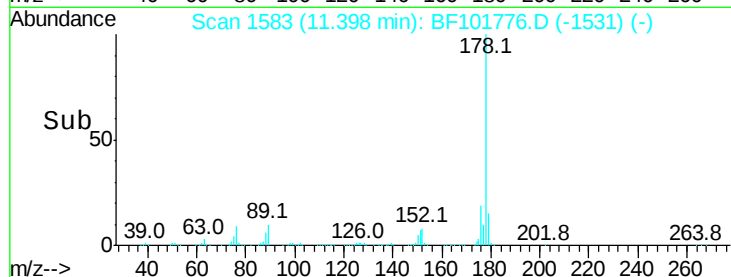
179 15.5 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 25.223 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

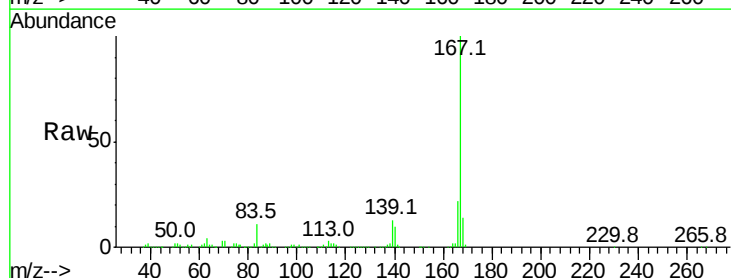
Tgt Ion:167 Resp: 581209

Ion Ratio Lower Upper

167 100

166 22.4 17.6 26.4

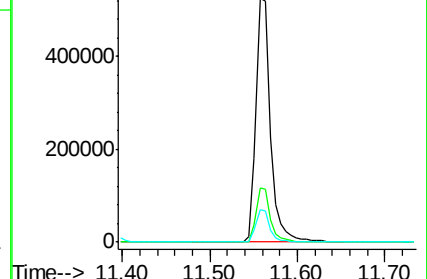
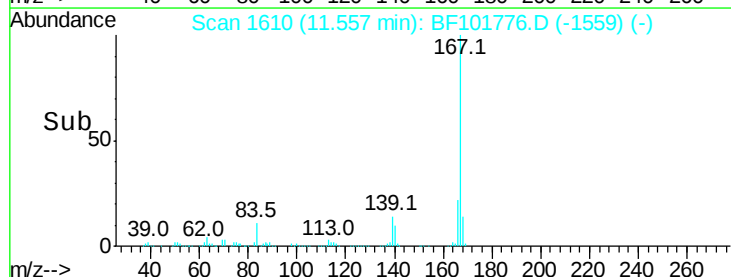
139 13.5 10.9 16.3

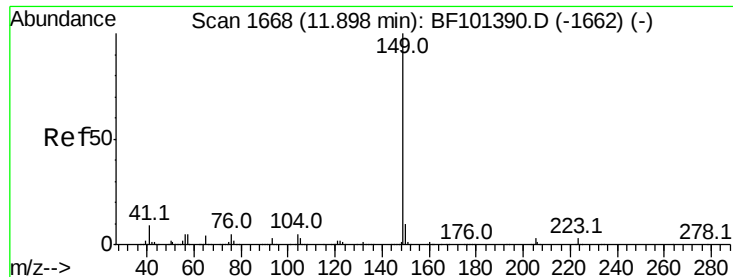


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 29.204 ng

RT: 11.87 min Scan# 1663

Delta R.T. 0.01 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

Instrument :

BNA_F

ClientSampleId :

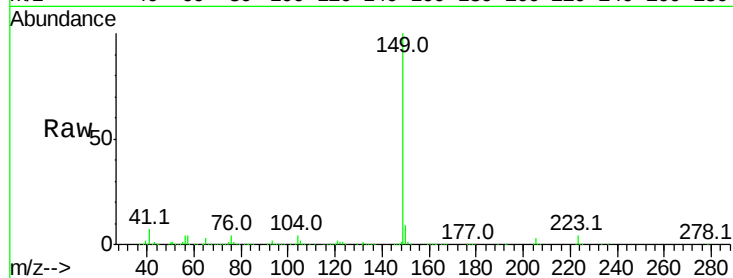
Tot Ion:149 Resp: 816774

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

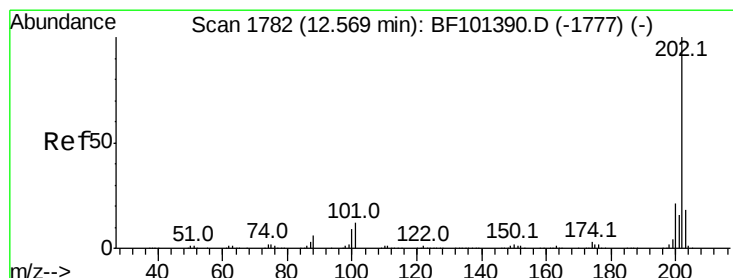
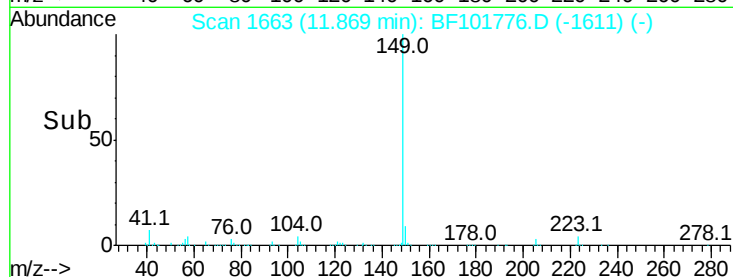
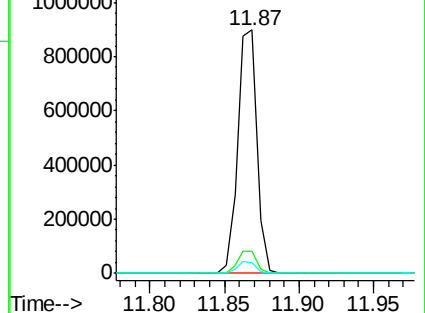
104 4.3 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 24.737 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

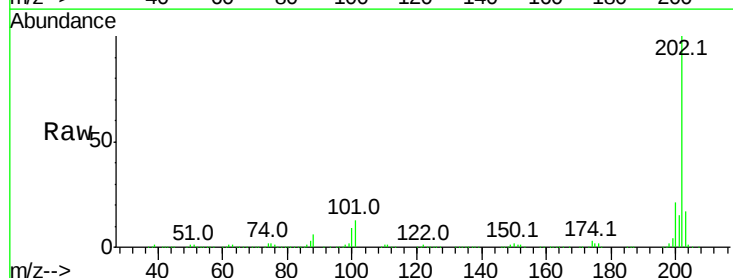
Tgt Ion:202 Resp: 625599

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.1

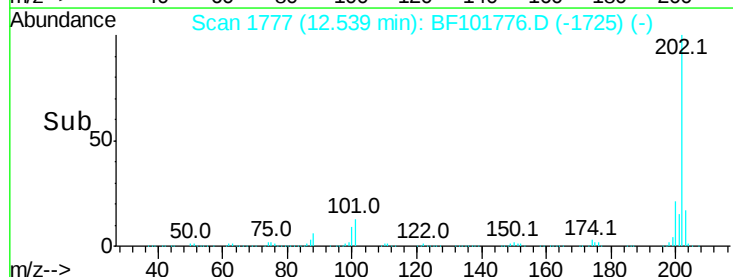
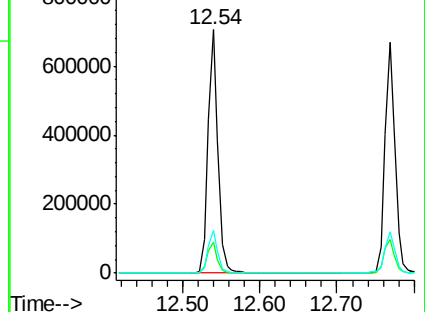
203 17.5 0.0 38.1

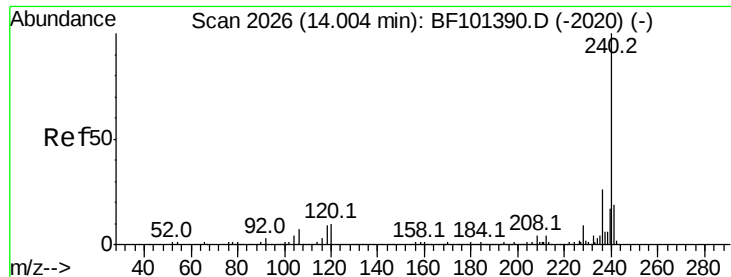


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

Instrument :

BNA_F

ClientSampleId :

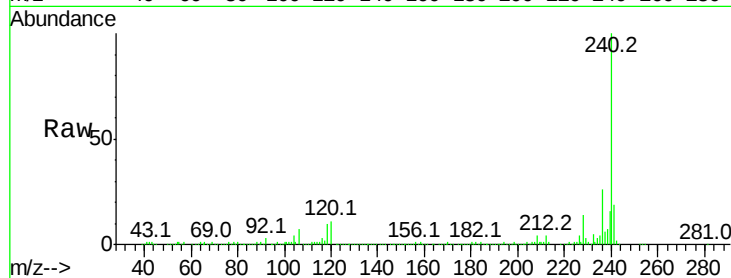
Tot Ion:240 Resp: 298845

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

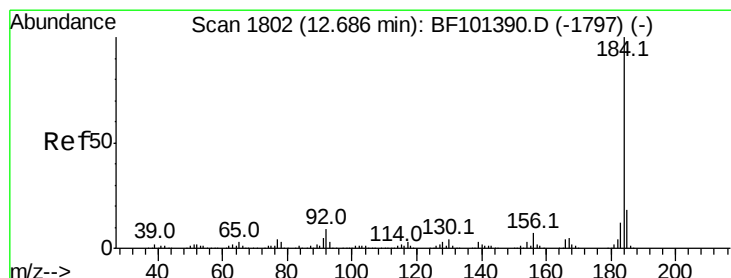
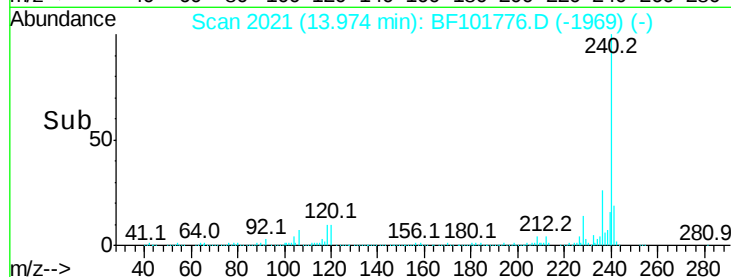
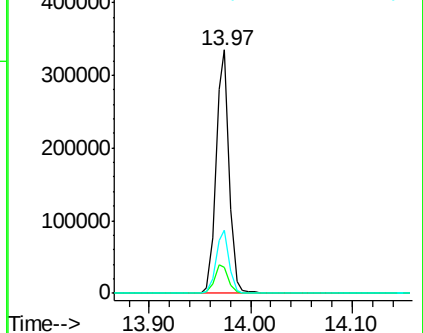
236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 10.713 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.01 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

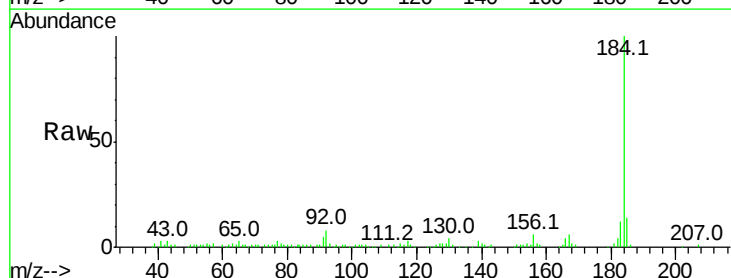
Tgt Ion:184 Resp: 135218

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

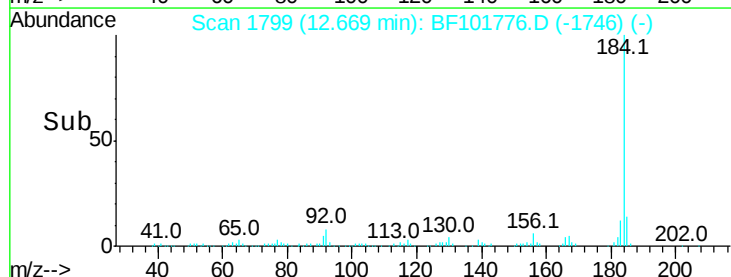
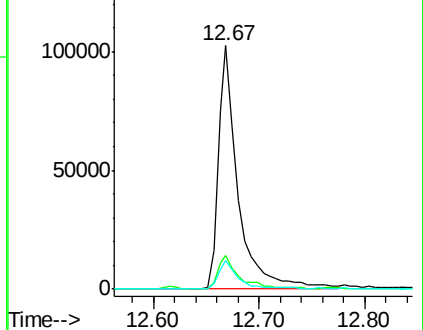
183 11.8 9.3 13.9

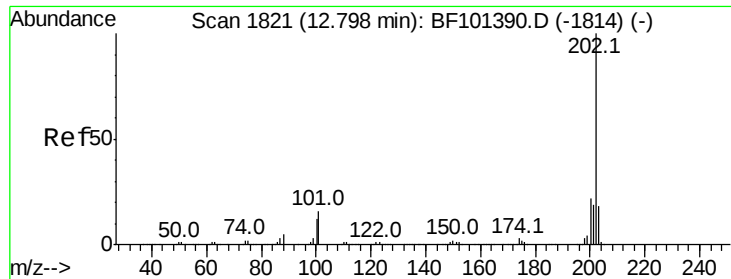


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

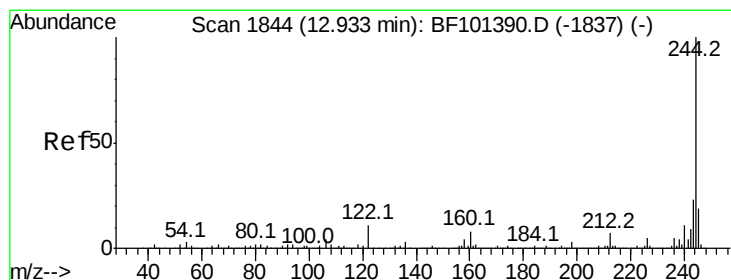
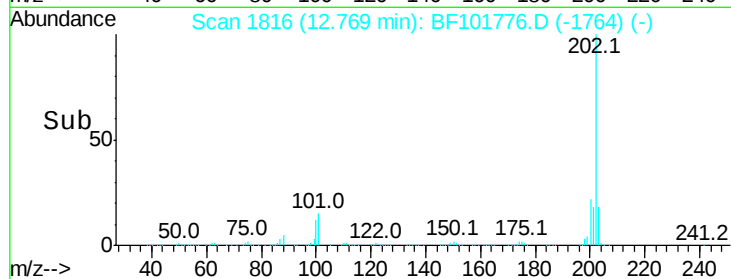
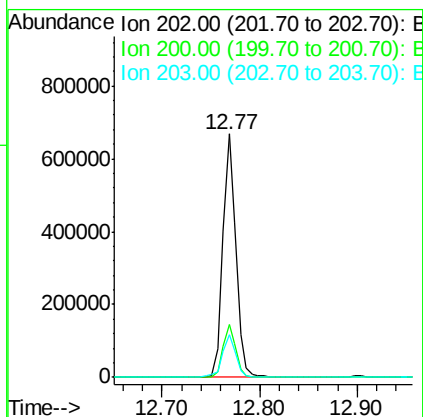
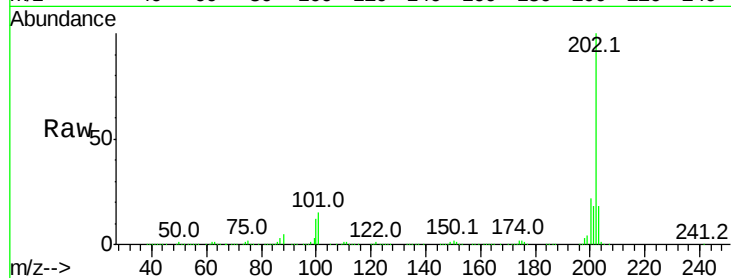




#77
Pvrene
Concen: 27.657 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

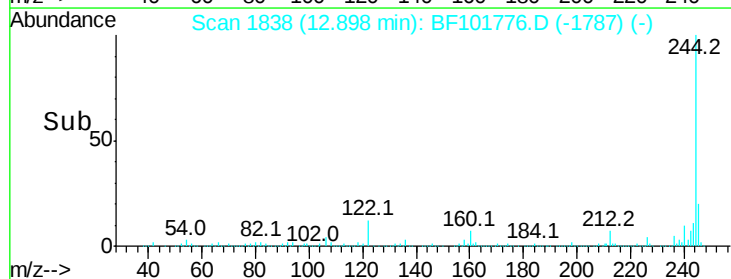
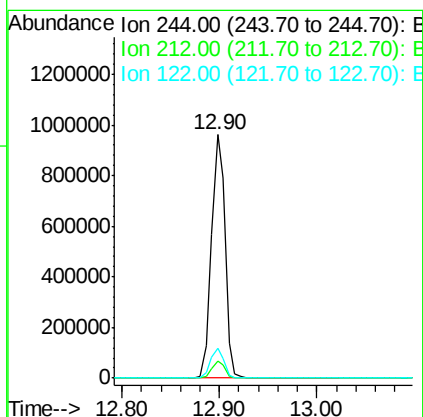
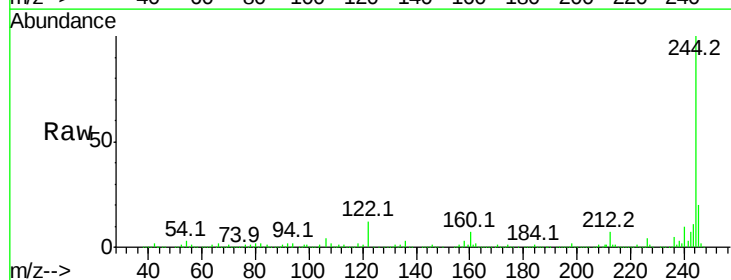
Instrument :
BNA_F
ClientSampleId :

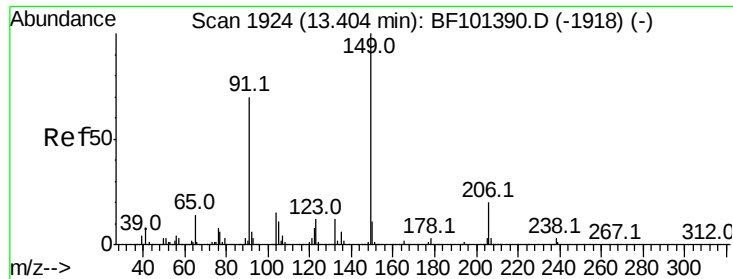
Tot Ion:202 Resp: 620307
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.7 14.3 21.5



#78
Terphenyl-d14
Concen: 75.112 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

Tgt Ion:244 Resp: 931107
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 12.1 11.0 16.4

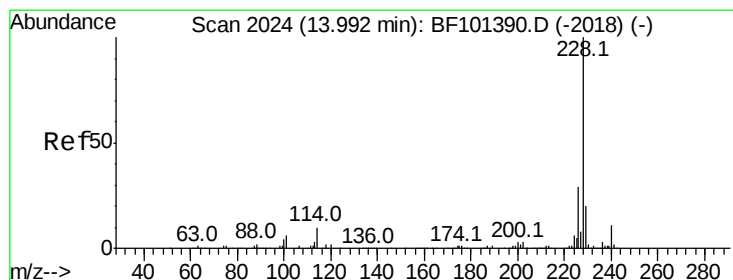
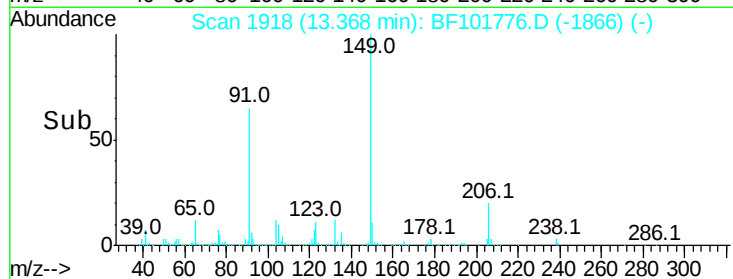
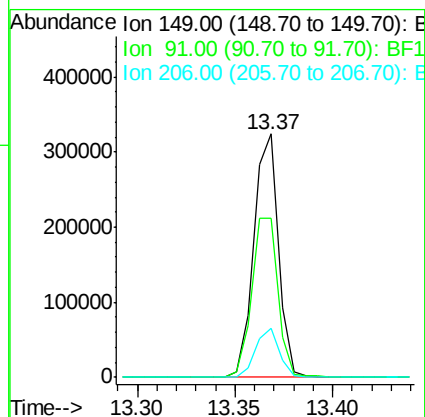
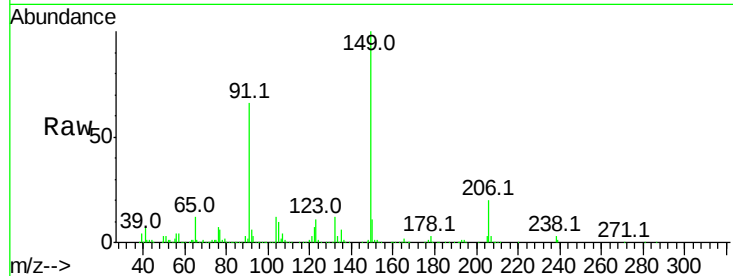




#79
Butylbenzylphthalate
Concen: 27.888 ng
RT: 13.37 min Scan# 1918
Delta R.T. 0.01 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

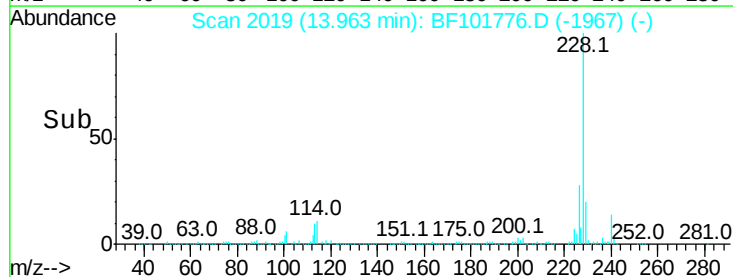
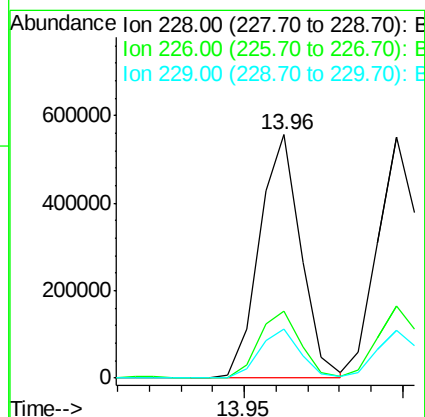
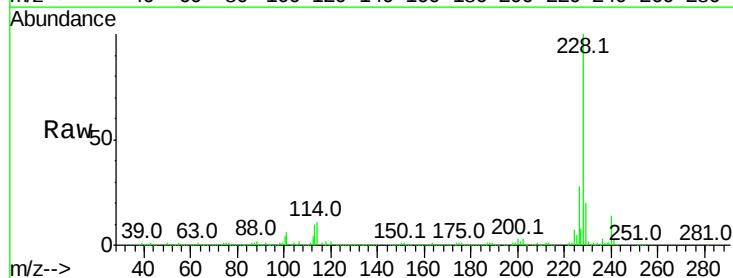
Instrument :
BNA_F
ClientSampleId :

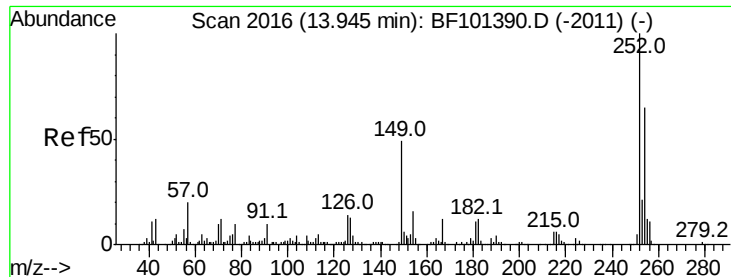
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.5	56.8	85.2
206	20.1	14.1	21.1



#80
Benzo(a)anthracene
Concen: 25.552 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.4	15.8	23.6

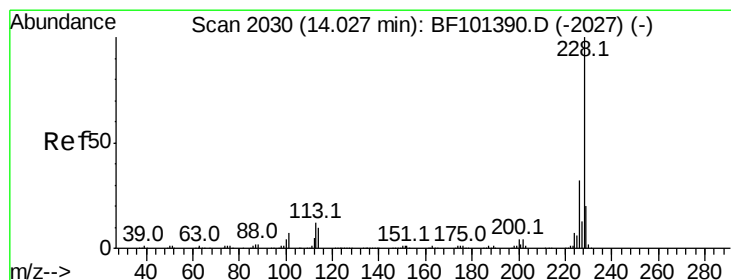
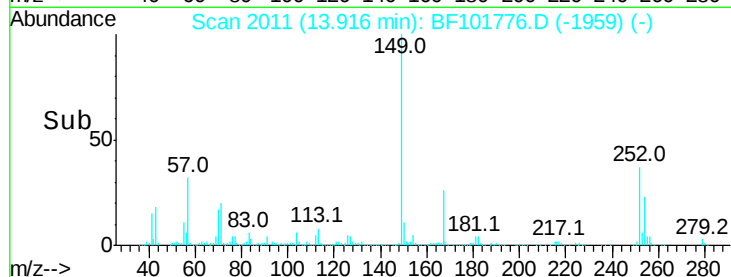
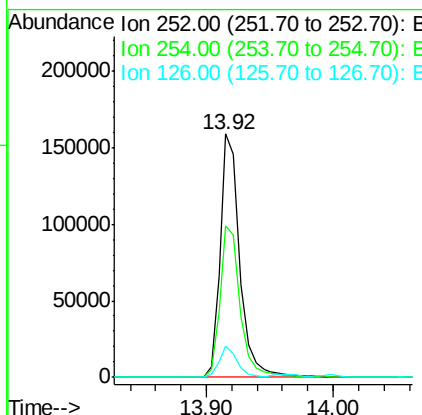
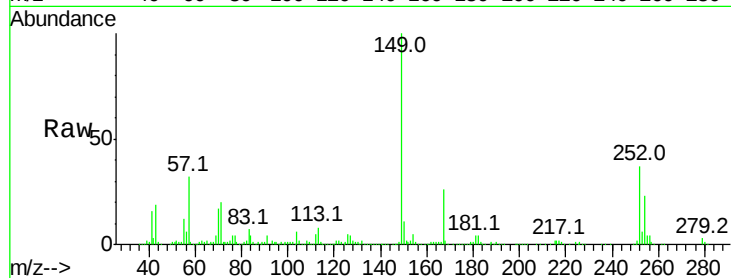




#81
 3,3'-Dichlorobenzidine
 Concen: 26.862 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.01 min
 Lab File: BF101776.D
 Acq: 27 Dec 2017 21:29

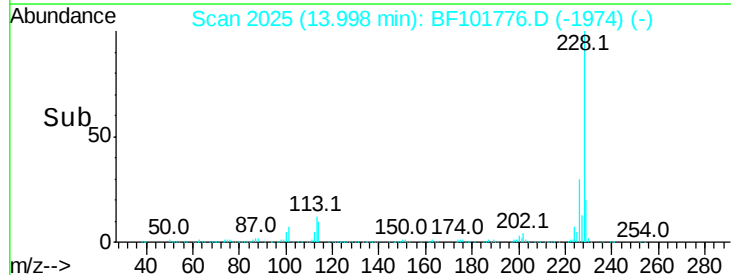
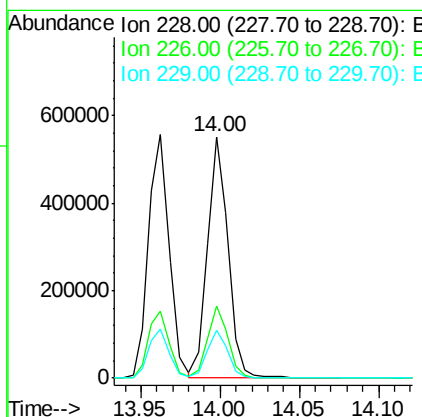
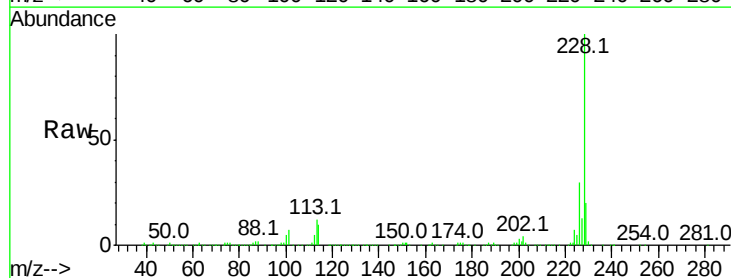
Instrument :
 BNA_F
 ClientSampleId :

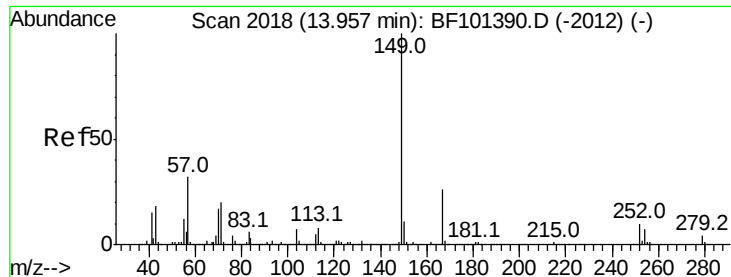
Tot Ion:252 Resp: 172838
 Ion Ratio Lower Upper
 252 100
 254 62.2 50.4 75.6
 126 13.0 11.3 16.9



#82
 Chrysene
 Concen: 26.930 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF101776.D
 Acq: 27 Dec 2017 21:29

Tgt Ion:228 Resp: 501748
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.0 37.6
 229 19.7 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 29.519 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

Instrument :

BNA_F

ClientSampleId :

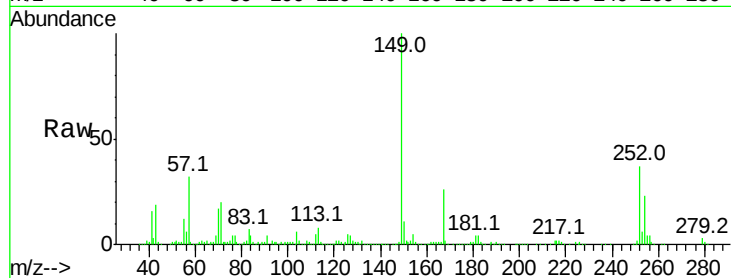
Tot Ion:149 Resp: 379432

Ion Ratio Lower Upper

149 100

167 25.8 21.3 31.9

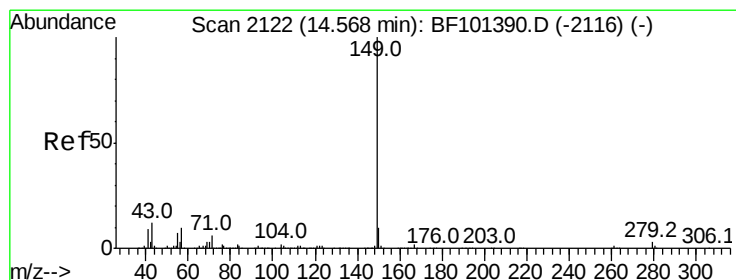
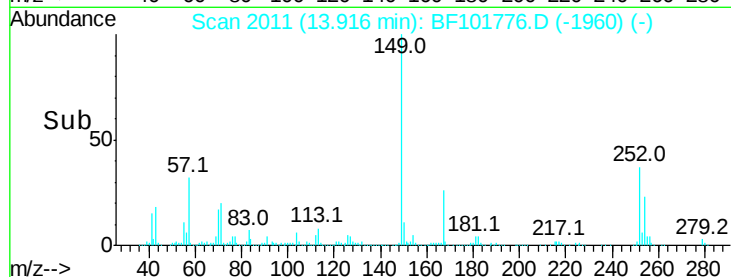
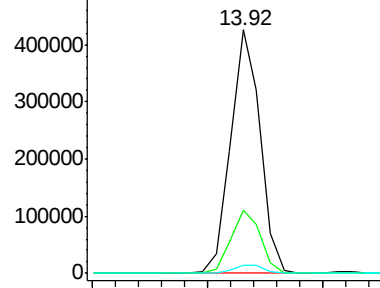
279 3.3 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 27.863 ng

RT: 14.53 min Scan# 2115

Delta R.T. -0.00 min

Lab File: BF101776.D

Acq: 27 Dec 2017 21:29

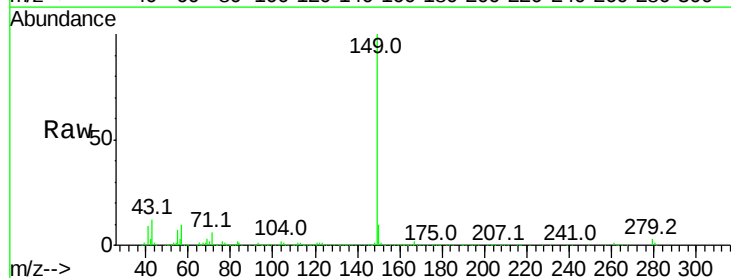
Tgt Ion:149 Resp: 638728

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

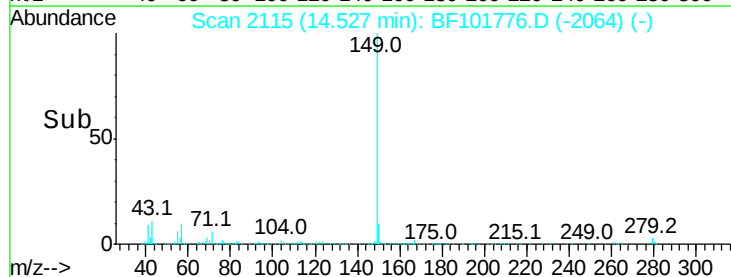
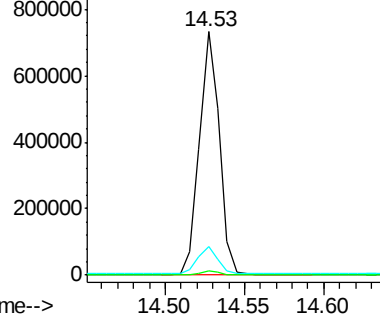
43 10.9 8.4 12.6

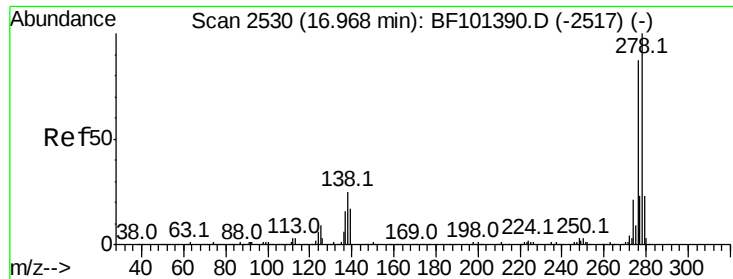


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

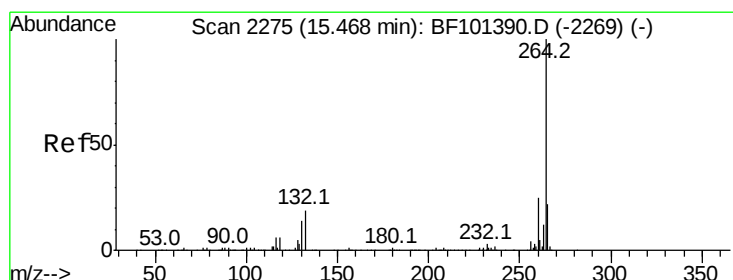
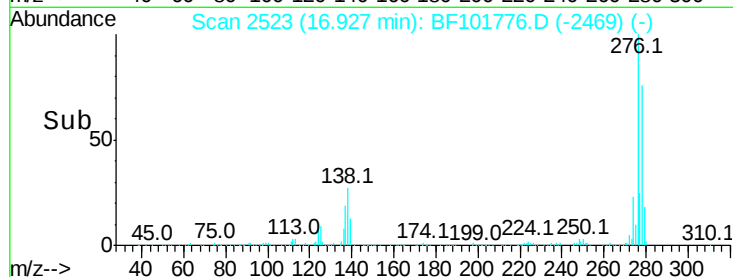
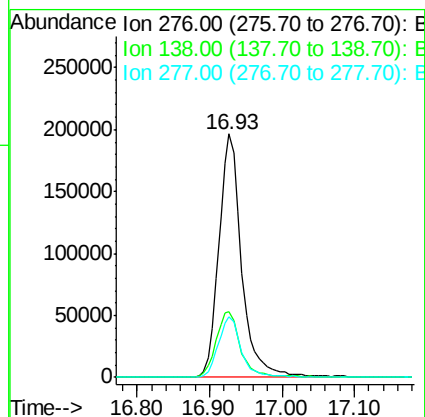
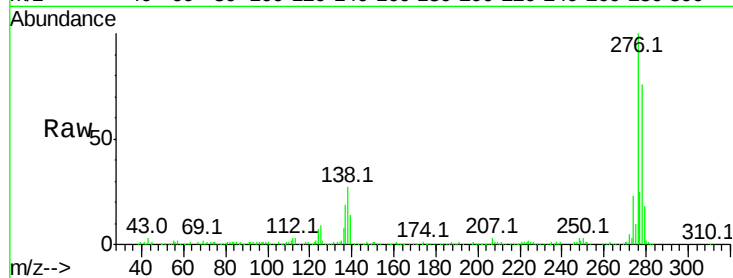




#85
Indeno(1,2,3-cd)pyrene
Concen: 25.874 ng
RT: 16.93 min Scan# 2523
Delta R.T. 0.02 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

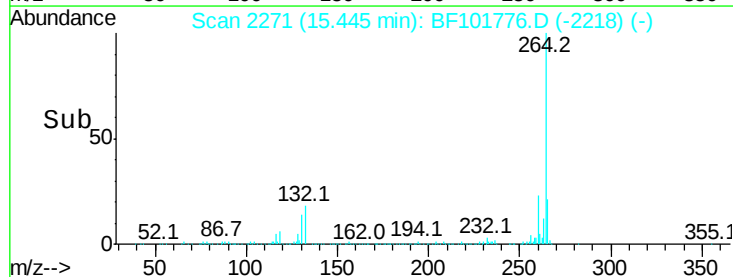
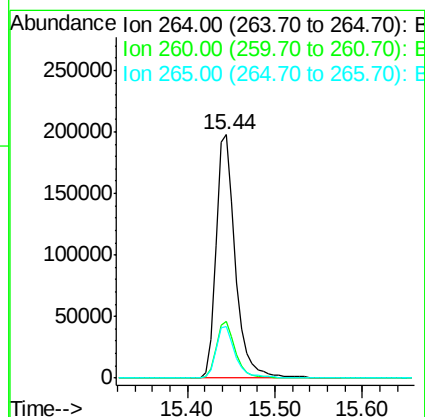
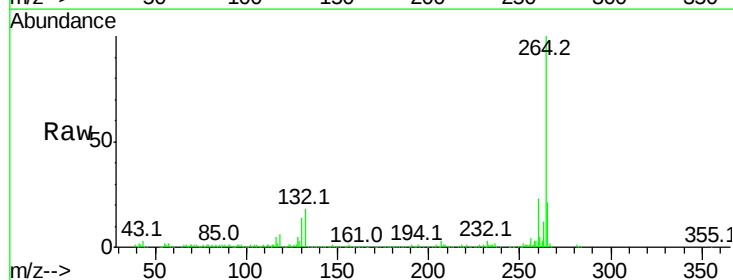
Instrument :
BNA_F
ClientSampleId :

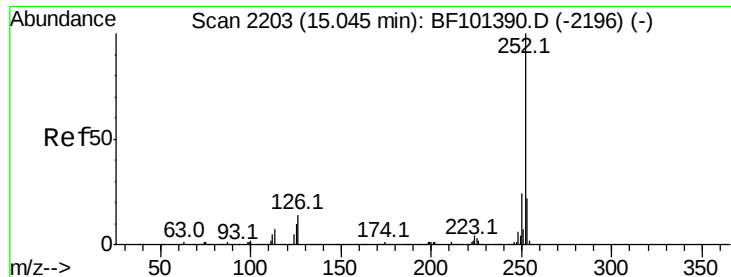
Tot Ion:276 Resp: 429284
Ion Ratio Lower Upper
276 100
138 29.1 25.0 37.6
277 25.1 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

Tgt Ion:264 Resp: 301246
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.4 17.5 26.3

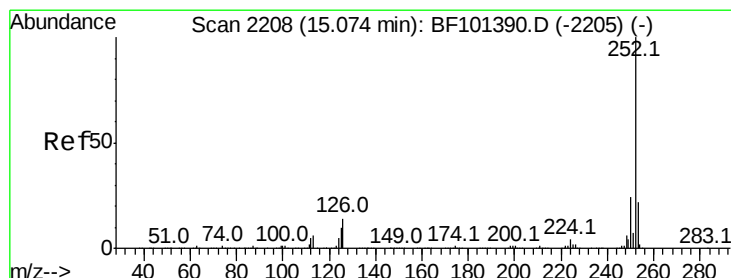
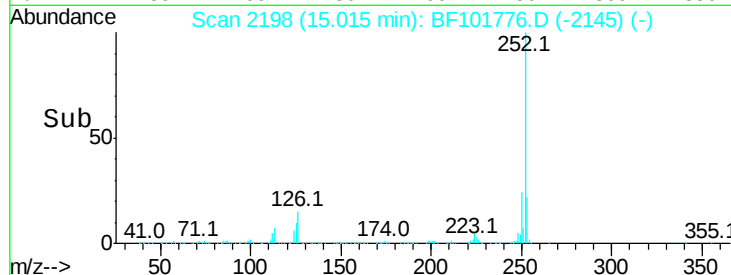
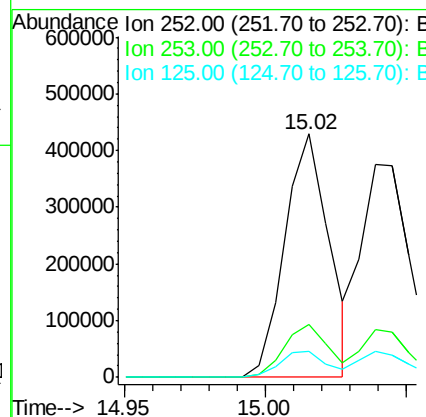
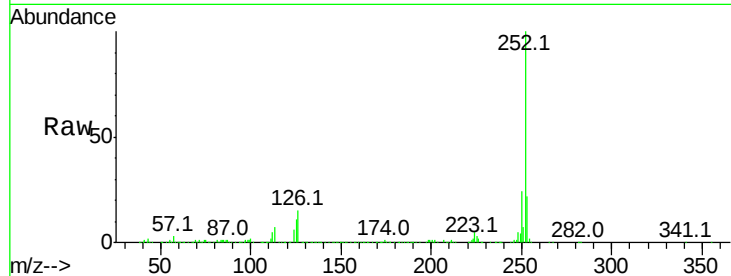




#87
Benzo(b)fluoranthene
Concen: 25.458 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

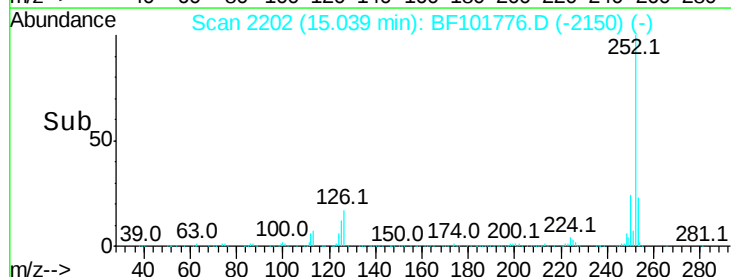
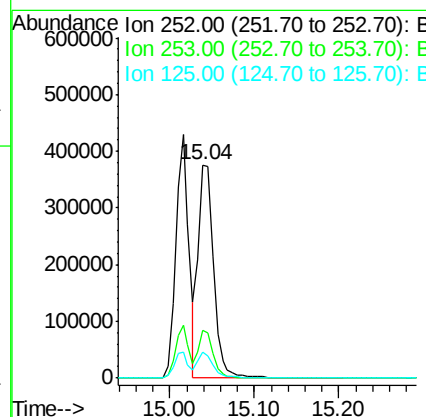
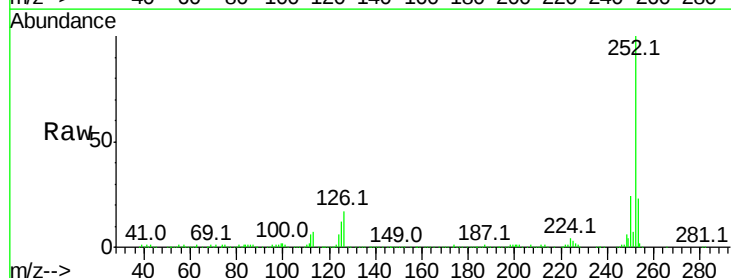
Instrument :
BNA_F
ClientSampled :

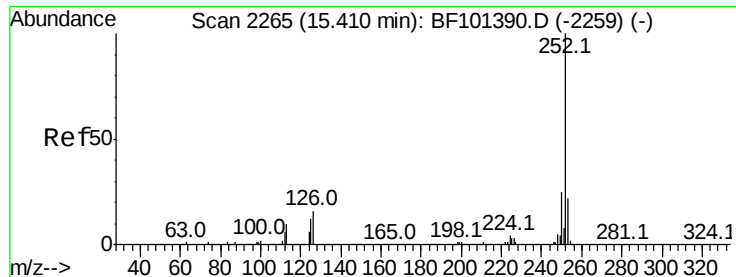
Tot Ion:252 Resp: 467442
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 10.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 26.391 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

Tgt Ion:252 Resp: 471142
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 12.3 10.2 15.2

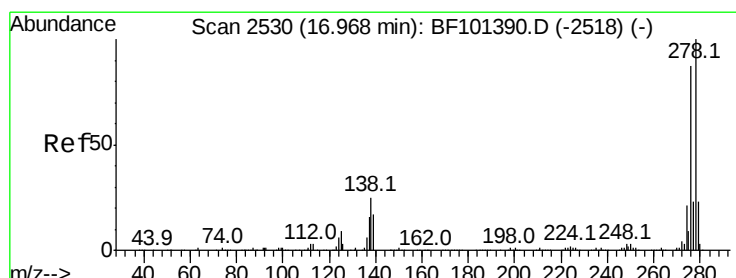
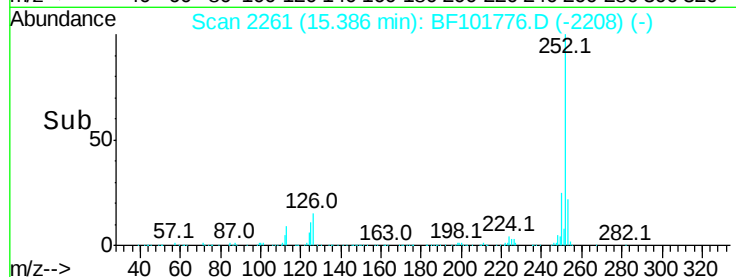
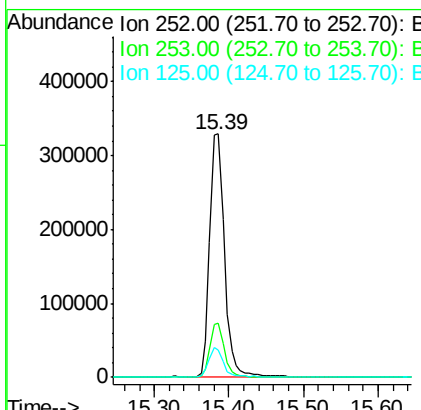
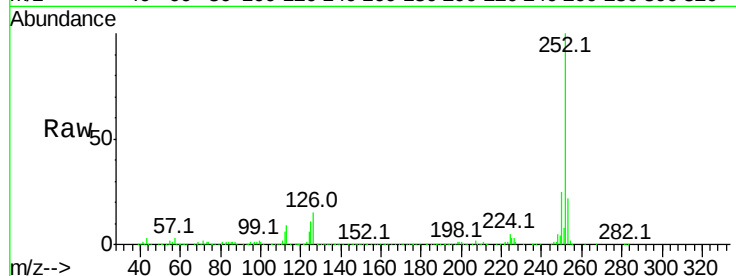




#89
Benzo(a)pyrene
Concen: 26.855 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.01 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

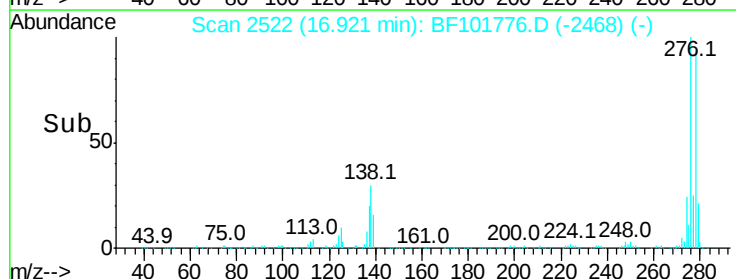
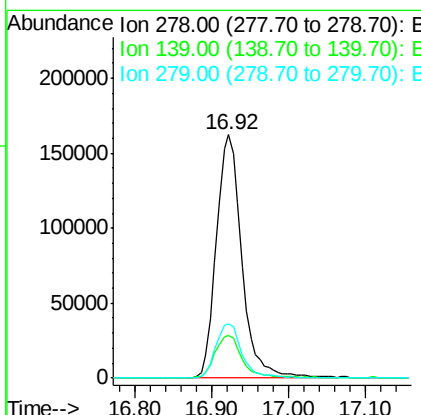
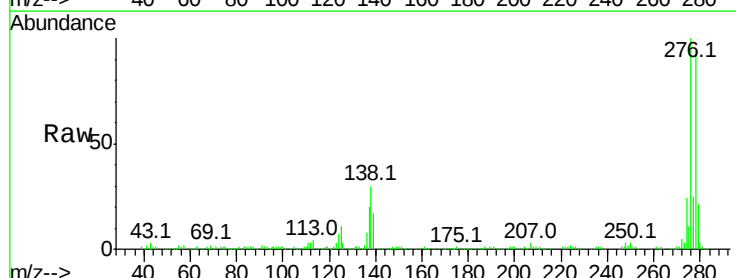
Instrument :
BNA_F
ClientSampleId :

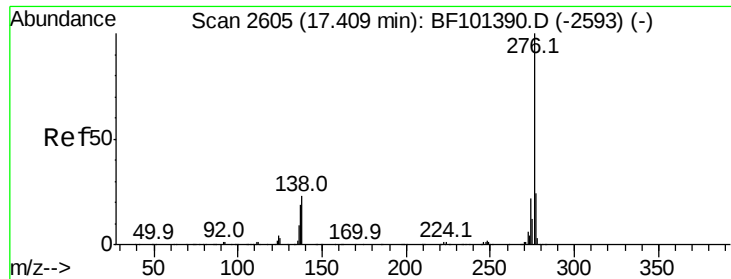
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	11.2	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 25.566 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.02 min
Lab File: BF101776.D
Acq: 27 Dec 2017 21:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	15.9	23.9
279	22.5	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 24.299 ng
 RT: 17.38 min Scan# 2600
 Delta R.T. 0.03 min
 Lab File: BF101776.D
 Acq: 27 Dec 2017 21:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	24.1	21.8	32.8

