

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
 Data File : BF100769.D
 Acq On : 21 Nov 2017 9:41
 Operator : SJ/JU
 Sample : I6300-02MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 11:51:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	90243	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	350609	20.00	ng	-0.01
38) Acenaphthene-d10	9.91	164	147551	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	235955	20.00	ng	0.00
75) Chrysene-d12	14.04	240	189603	20.00	ng	0.00
86) Perylene-d12	15.51	264	152750	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	581935	103.37	ng	0.02
7) Phenol-d6	6.51	99	639705	92.15	ng	0.00
23) Nitrobenzene-d5	7.44	82	487856	91.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	169799	112.93	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	902469	93.13	ng	0.00
78) Terphenyl-d14	12.98	244	668492	81.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	84173	30.681	ng	# 81
3) Pyridine	3.56	79	192503	25.719	ng	93
4) n-Nitrosodimethylamine	3.52	42	114643	31.547	ng	# 97
6) Aniline	6.54	93	92845	9.467	ng	99
8) 2-Chlorophenol	6.66	128	243970	40.964	ng	97
9) Benzaldehyde	6.43	77	95806	19.325	ng	98
10) Phenol	6.52	94	241605	33.152	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	230598	37.671	ng	99
12) 1,3-Dichlorobenzene	6.82	146	283547	41.295	ng	98
13) 1,4-Dichlorobenzene	6.89	146	285201	41.038	ng	98
14) 1,2-Dichlorobenzene	7.05	146	268900	41.849	ng	98
15) Benzyl Alcohol	7.02	79	209254	38.622	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	405924	41.461	ng	99
17) 2-Methylphenol	7.13	107	201947	39.679	ng	98
18) Hexachloroethane	7.39	117	85043	37.114	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	171858	35.697	ng	93
20) 3+4-Methylphenols	7.27	107	241237	37.457	ng	# 84
22) Acetophenone	7.29	105	338676	39.613	ng	# 98
24) Nitrobenzene	7.46	77	253965	46.528	ng	98
25) Isophorone	7.69	82	462382	41.491	ng	100
26) 2-Nitrophenol	7.77	139	124533	48.588	ng	94
27) 2,4-Dimethylphenol	7.80	122	223225	44.684	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	296871	40.726	ng	99
29) 2,4-Dichlorophenol	8.01	162	212698	44.599	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	230062	44.596	ng	96
31) Naphthalene	8.18	128	922130	54.605	ng	100
32) Benzoic acid	7.92	122	108009	32.093	ng	95
33) 4-Chloroaniline	8.22	127	44446	6.323	ng	98
34) Hexachlorobutadiene	8.29	225	135786	44.270	ng	98
35) Caprolactam	8.60	113	34960	21.360	ng	98
36) 4-Chloro-3-methylphenol	8.70	107	205431	40.107	ng	99
37) 2-Methylnaphthalene	8.87	142	496002	44.241	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	222993	45.569	ng	# 95
40) Hexachlorocyclopentadiene	9.02	237	64861	28.162	ng	95

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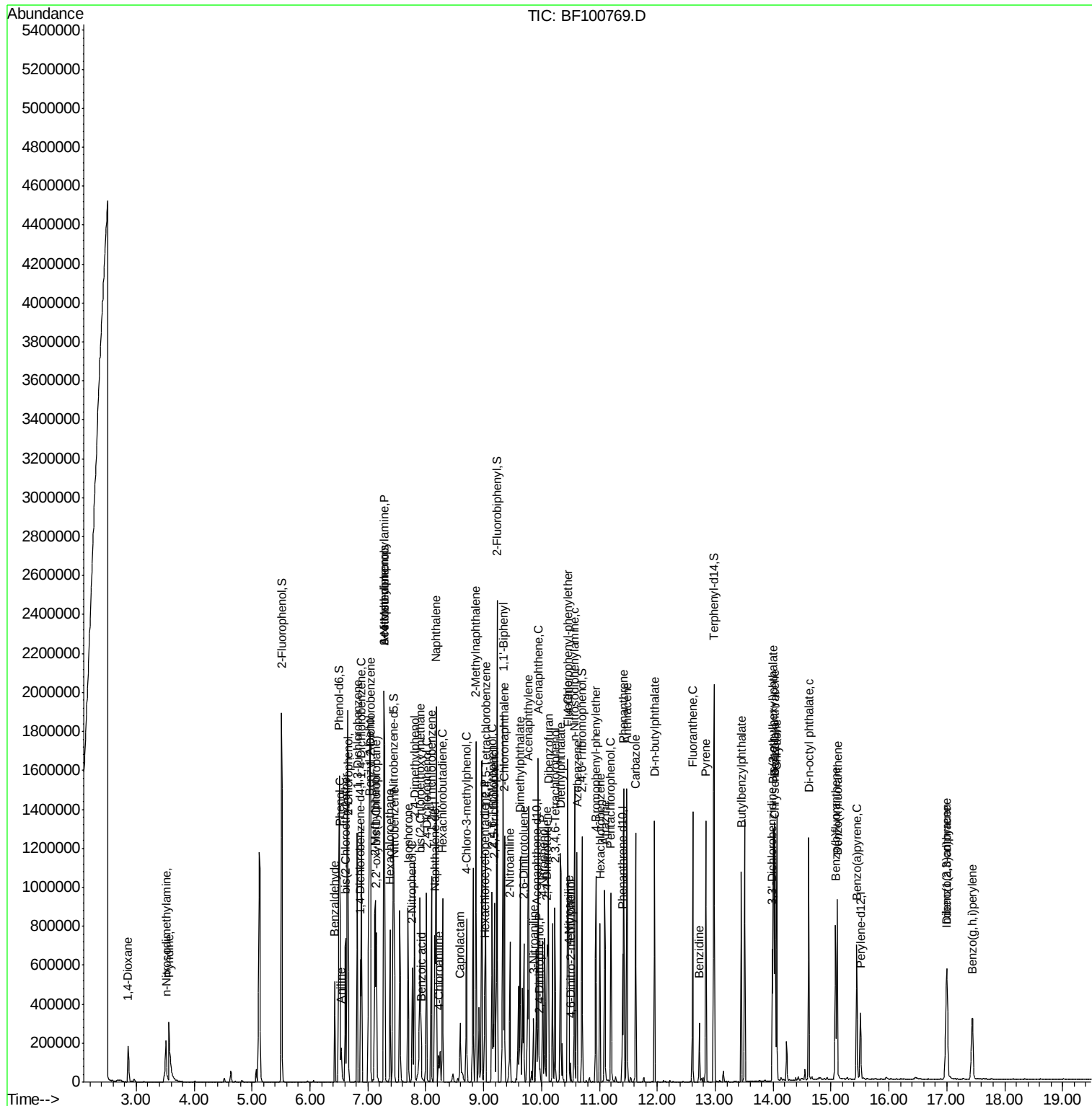
Instrument :
 BNA_F
 ClientSampleId :

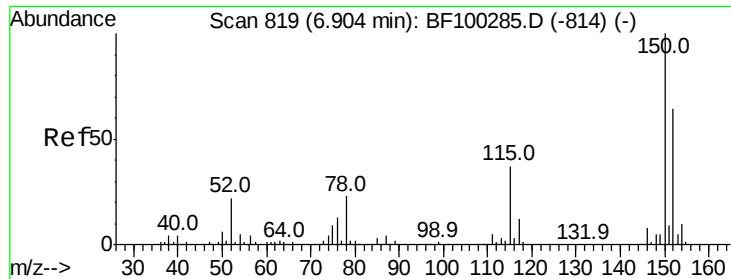
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	147008	47.400	ng	99
43) 2,4,5-Trichlorophenol	9.19	196	150611	46.871	ng	94
45) 1,1'-Biphenyl	9.33	154	568355	44.536	ng	98
46) 2-Chloronaphthalene	9.36	162	435791	47.071	ng	94
47) 2-Nitroaniline	9.46	65	125966	46.160	ng	95
48) Acenaphthylene	9.77	152	648150	42.244	ng	99
49) Dimethylphthalate	9.63	163	521537	46.294	ng	99
50) 2,6-Dinitrotoluene	9.70	165	107514	48.213	ng	# 84
51) Acenaphthene	9.95	154	387224	41.498	ng	100
52) 3-Nitroaniline	9.86	138	52418	19.906	ng	88
53) 2,4-Dinitrophenol	9.97	184	17845	29.692	ng	# 15
54) Dibenzofuran	10.12	168	564126	43.135	ng	98
55) 4-Nitrophenol	10.02	139	131861	61.670	ng	92
56) 2,4-Dinitrotoluene	10.10	165	128479	45.670	ng	# 93
57) Fluorene	10.46	166	417147	43.540	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	112588	42.751	ng	# 82
59) Diethylphthalate	10.33	149	485391	43.055	ng	97
60) 4-Chlorophenyl-phenylether	10.45	204	210021	44.686	ng	90
61) 4-Nitroaniline	10.48	138	92709	37.129	ng	87
62) Azobenzene	10.61	77	395502	37.248	ng	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	13828	18.104	ng	79
65) n-Nitrosodiphenylamine	10.57	169	393125	47.916	ng	97
66) 4-Bromophenyl-phenylether	10.94	248	127317	50.335	ng	# 88
67) Hexachlorobenzene	11.01	284	124176	46.939	ng	# 82
68) Atrazine	11.09	200	120833	48.654	ng	99
69) Pentachlorophenol	11.20	266	127824	67.384	ng	99
70) Phenanthrene	11.42	178	550916	44.345	ng	98
71) Anthracene	11.47	178	555060	44.038	ng	99
72) Carbazole	11.63	167	483126	41.542	ng	99
73) Di-n-butylphthalate	11.95	149	661229	48.585	ng	99
74) Fluoranthene	12.61	202	535638	40.682	ng	97
76) Benzidine	12.73	184	112749	14.849	ng	96
77) Pyrene	12.84	202	550691	40.745	ng	99
79) Butylbenzylphthalate	13.45	149	241050	43.733	ng	91
80) Benzo(a)anthracene	14.03	228	514700	45.079	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	133080	32.531	ng	98
82) Chrysene	14.06	228	486432	43.995	ng	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	342853	47.294	ng	100
84) Di-n-octyl phthalate	14.62	149	603530	48.461	ng	98
85) Indeno(1,2,3-cd)pyrene	16.99	276	340621	38.087	ng	94
87) Benzo(b)fluoranthene	15.08	252	425182	46.983	ng	98
88) Benzo(k)fluoranthene	15.11	252	405872	47.467	ng	# 96
89) Benzo(a)pyrene	15.45	252	368460	45.927	ng	98
90) Dibenzo(a,h)anthracene	17.01	278	286655	43.690	ng	97
91) Benzo(g,h,i)perylene	17.44	276	274599	42.755	ng	95

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

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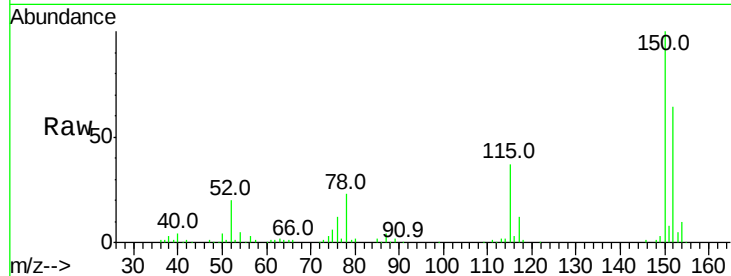


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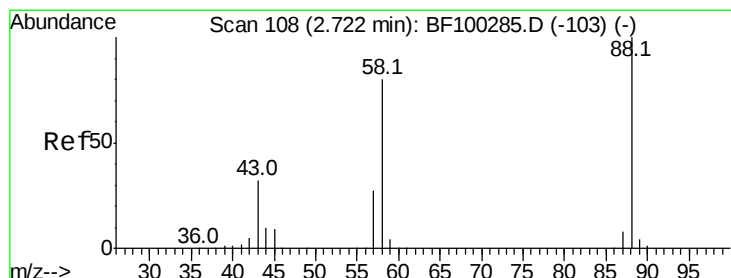
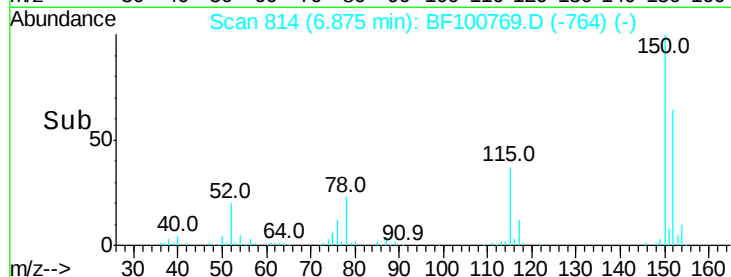
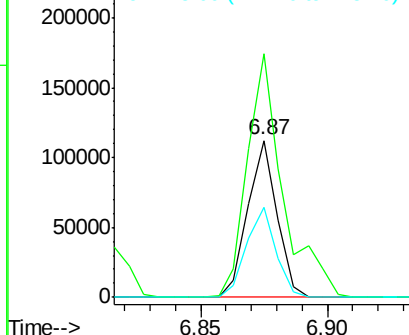
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 90243
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 57.4 50.1 75.1



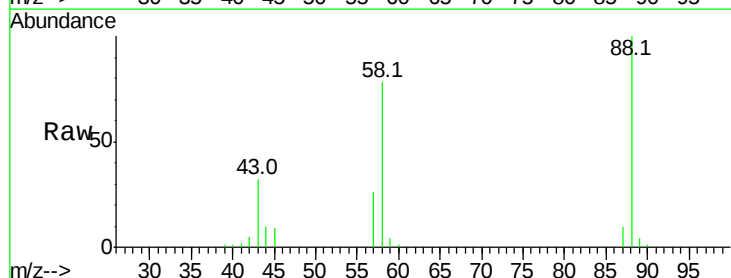
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



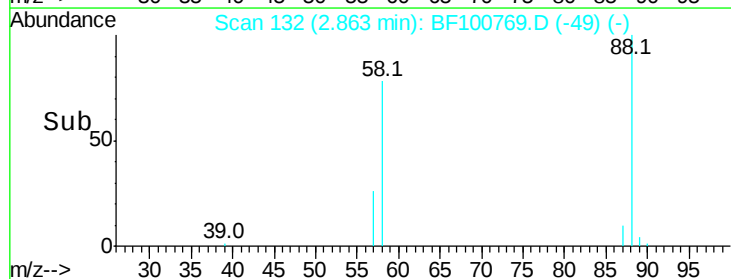
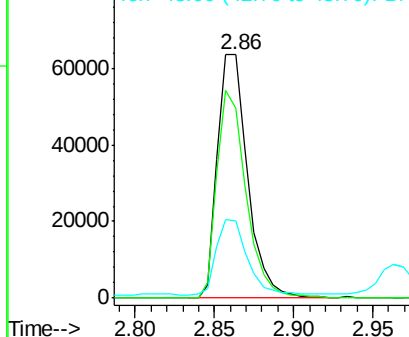
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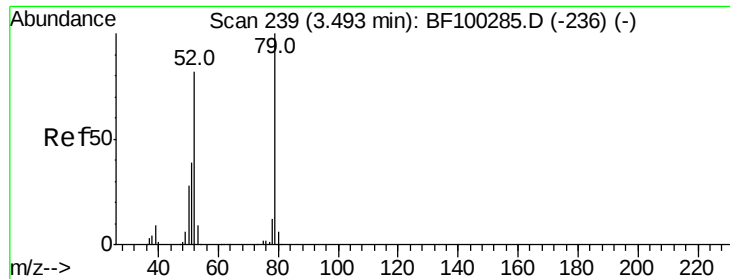
1,4-Dioxane
Concen: 30.681 ng
RT: 2.86 min Scan# 132
Delta R.T. 0.19 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

Tgt Ion: 88 Resp: 84173
Ion Ratio Lower Upper
88 100
58 82.4 62.6 93.8
43 0.0 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

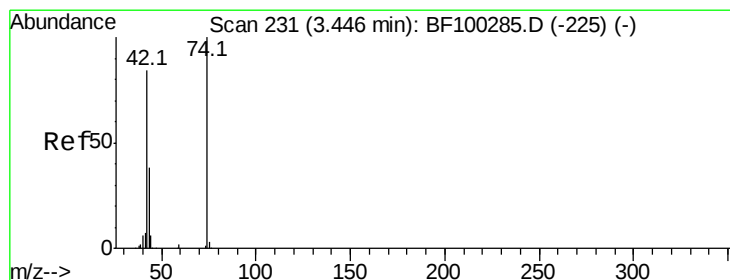
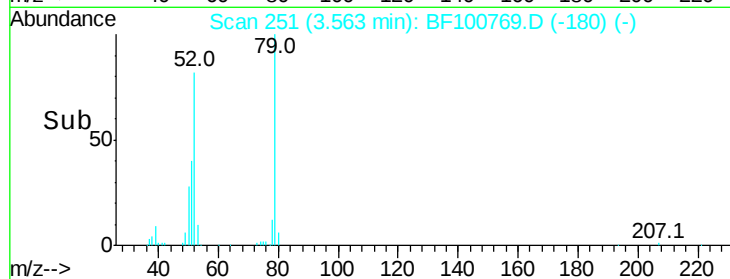
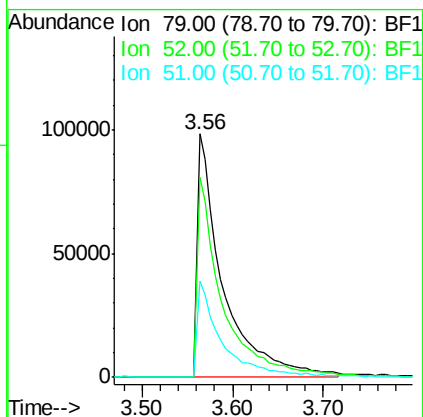
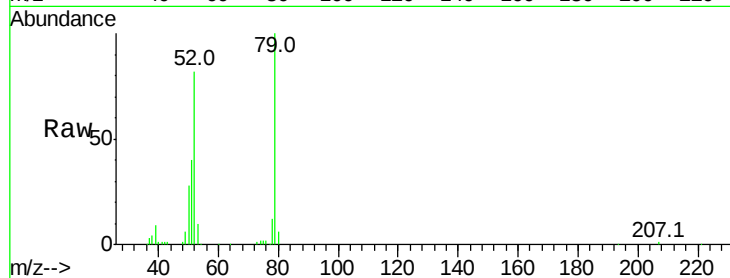




#3
 Pvridine
 Concen: 25.719 ng
 RT: 3.56 min Scan# 251
 Delta R.T. 0.12 min
 Lab File: BF100769.D
 Acq: 21 Nov 2017 9:41

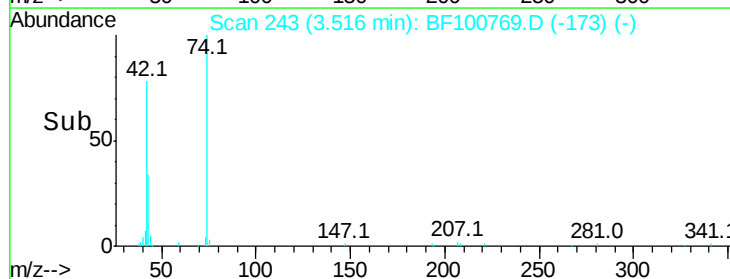
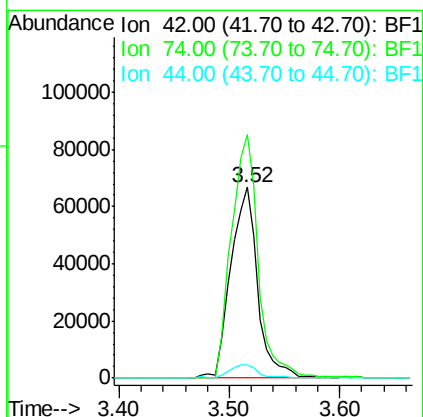
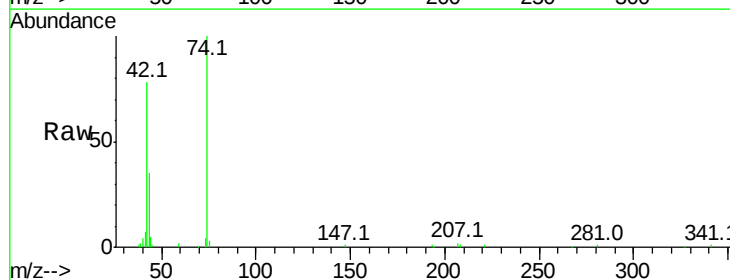
Instrument :
 BNA_F
 ClientSampleId :

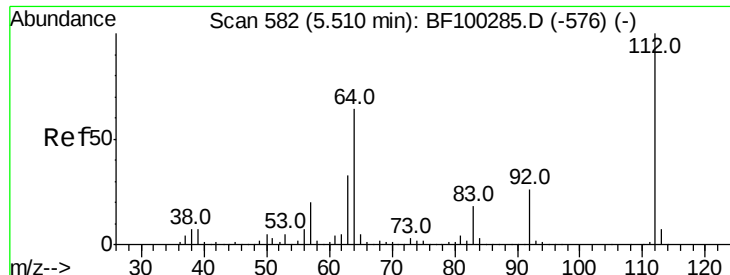
Tot Ion: 79 Resp: 192503
 Ion Ratio Lower Upper
 79 100
 52 82.0 59.8 89.6
 51 39.6 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 31.547 ng
 RT: 3.52 min Scan# 243
 Delta R.T. 0.11 min
 Lab File: BF100769.D
 Acq: 21 Nov 2017 9:41

Tgt Ion: 42 Resp: 114643
 Ion Ratio Lower Upper
 42 100
 74 127.6 104.9 157.3
 44 6.7 6.9 10.3#





#5

2-Fluorophenol

Concen: 103.369 ng

RT: 5.51 min Scan# 582

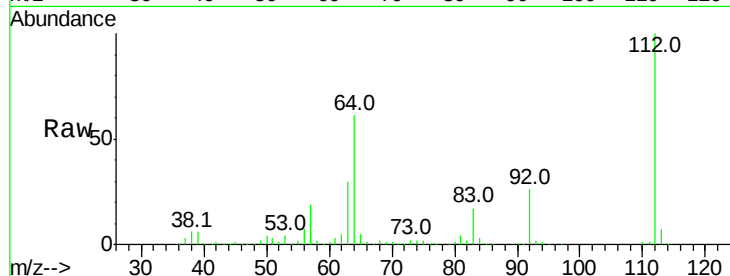
Delta R.T. 0.02 min

Lab File: BF100769.D

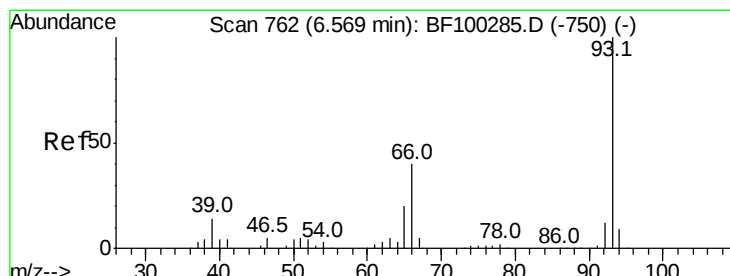
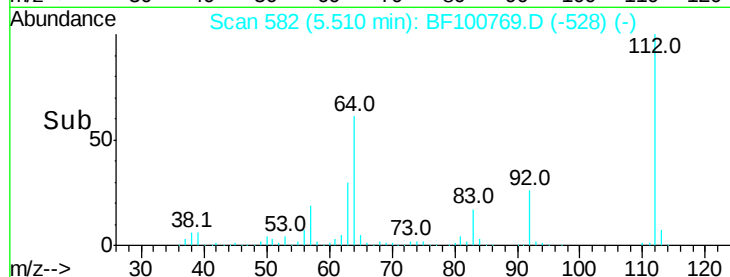
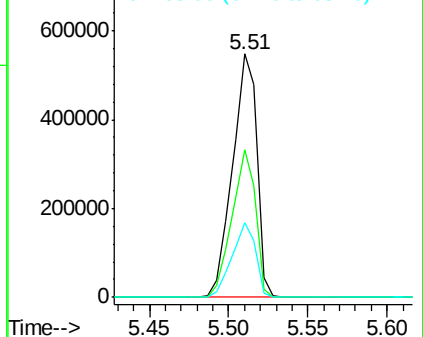
Acq: 21 Nov 2017 9:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	581935
Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	30.5	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 9.467 ng

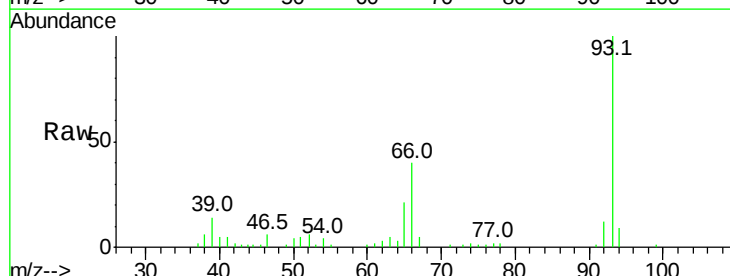
RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

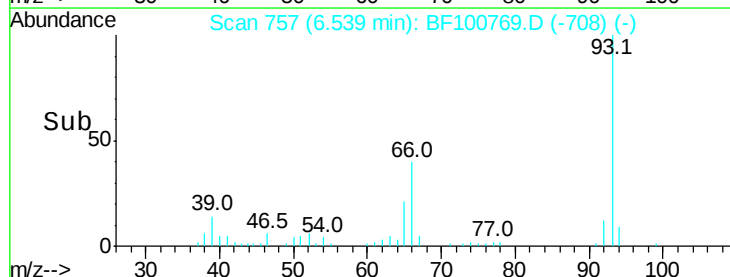
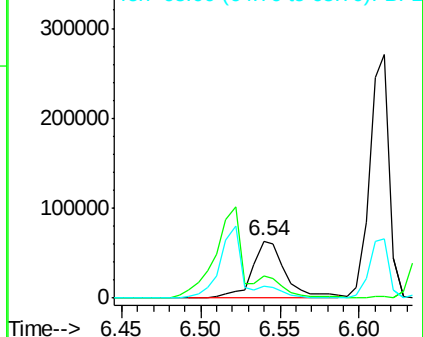
Lab File: BF100769.D

Acq: 21 Nov 2017 9:41

Tgt Ion:	93	Resp:	92845
Ion	Ratio	Lower	Upper
93	100		
66	39.6	32.2	48.2
65	20.6	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1





#7

Phenol-d6

Concen: 92.148 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100769.D

Acq: 21 Nov 2017 9:41

Instrument :

BNA_F

ClientSampleId :

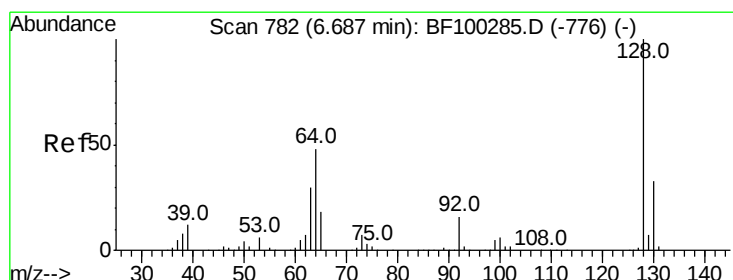
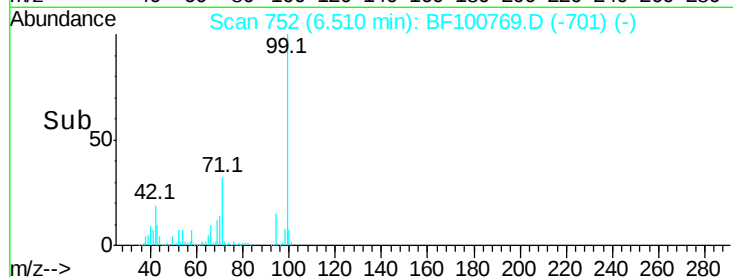
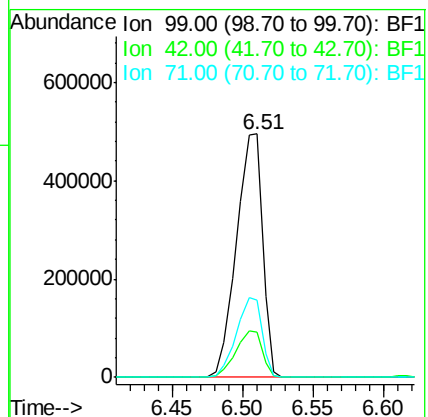
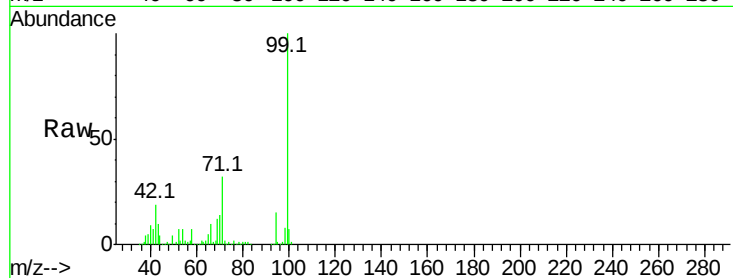
Tot Ion: 99 Resp: 639705

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

71 31.9 25.4 38.0



#8

2-Chlorophenol

Concen: 40.964 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF100769.D

Acq: 21 Nov 2017 9:41

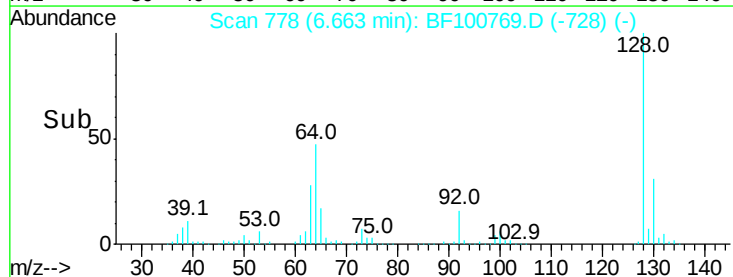
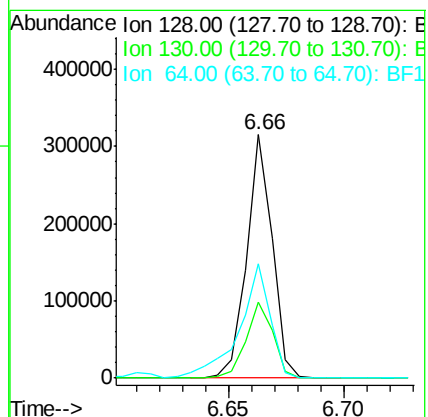
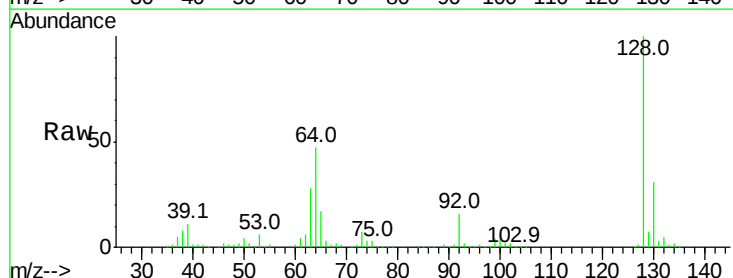
Tgt Ion: 128 Resp: 243970

Ion Ratio Lower Upper

128 100

130 31.4 13.0 53.0

64 46.7 29.4 69.4





#9

Benzaldehyde

Concen: 19.325 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF100769.D

Acq: 21 Nov 2017 9:41

Instrument :
BNA_F
ClientSampled :

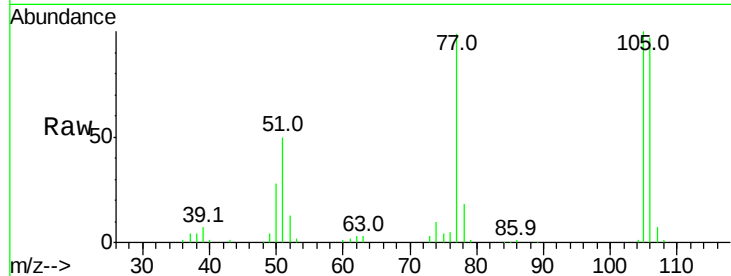
Tot Ion: 77 Resp: 95806

Ion Ratio Lower Upper

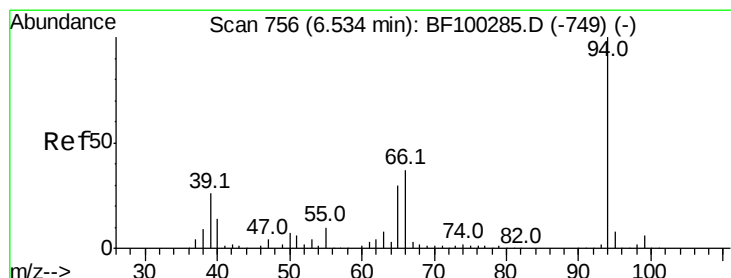
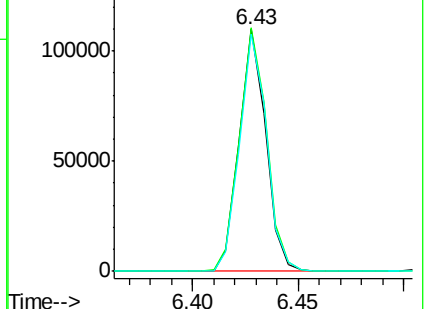
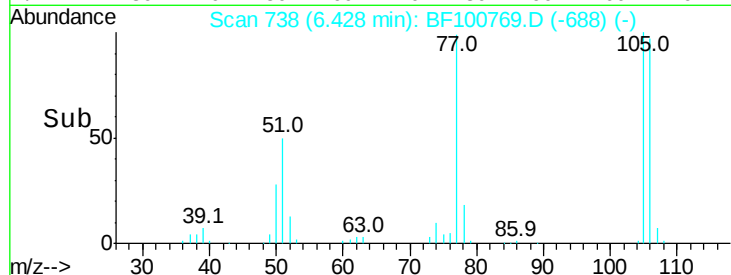
77 100

105 100.7 81.1 121.1

106 97.9 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: 33.152 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF100769.D

Acq: 21 Nov 2017 9:41

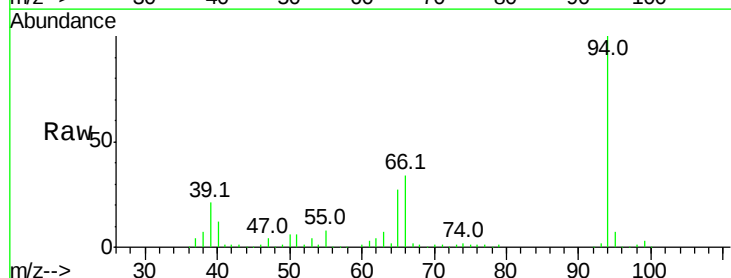
Tgt Ion: 94 Resp: 241605

Ion Ratio Lower Upper

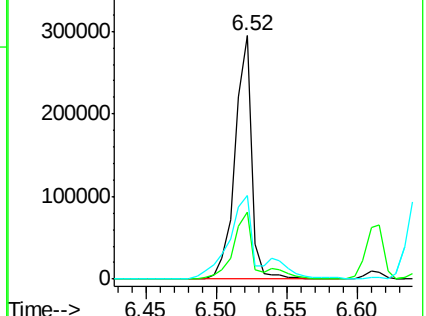
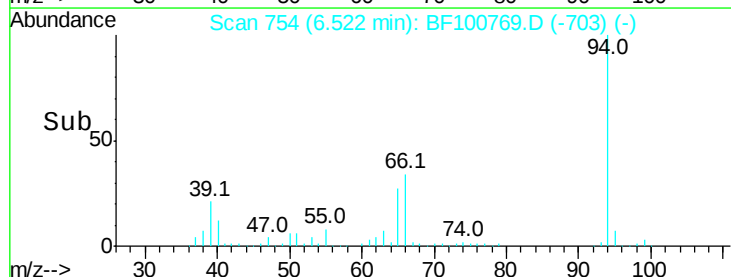
94 100

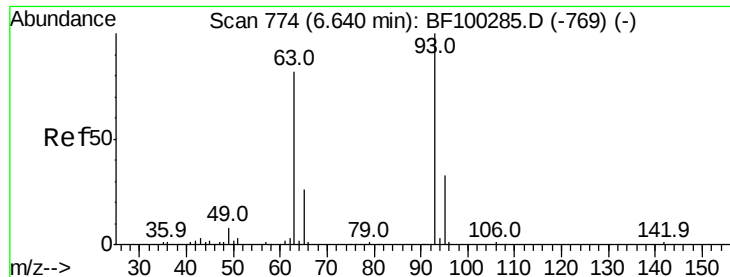
65 27.4 7.9 47.9

66 34.5 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: 37.671 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF100769.D

Acq: 21 Nov 2017 9:41

Instrument :

BNA_F

ClientSampleId :

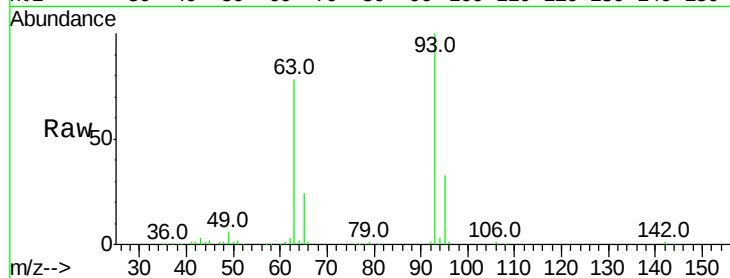
Tot Ion: 93 Resp: 230598

Ion Ratio Lower Upper

93 100

63 77.6 58.6 98.6

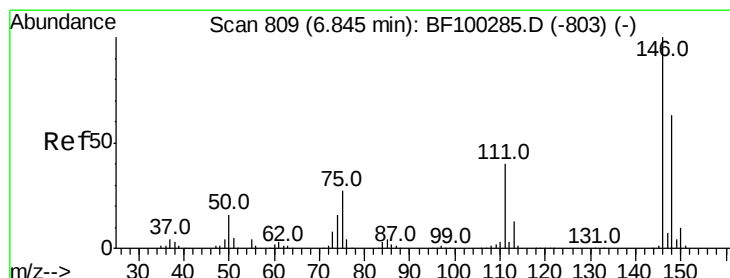
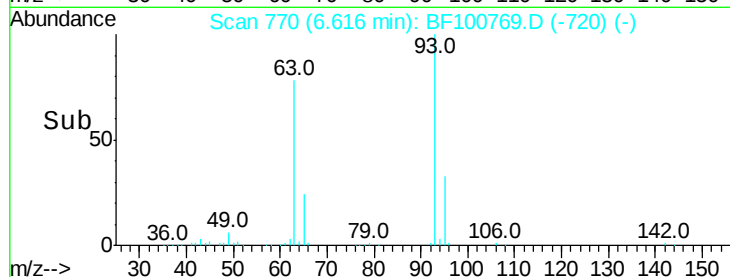
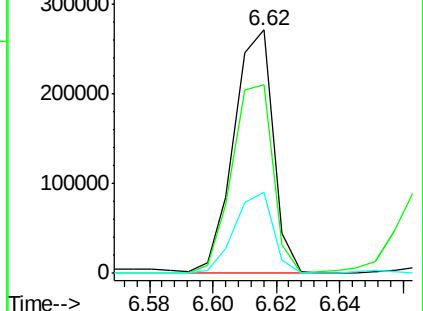
95 33.0 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 41.295 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF100769.D

Acq: 21 Nov 2017 9:41

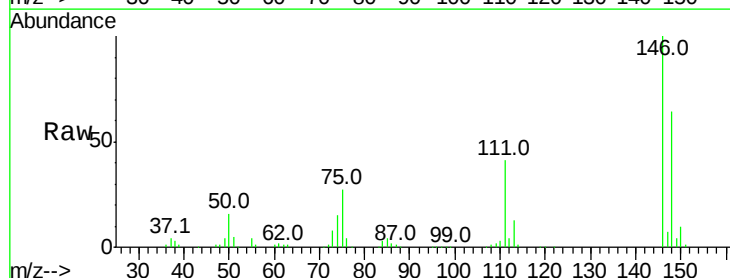
Tgt Ion: 146 Resp: 283547

Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.8

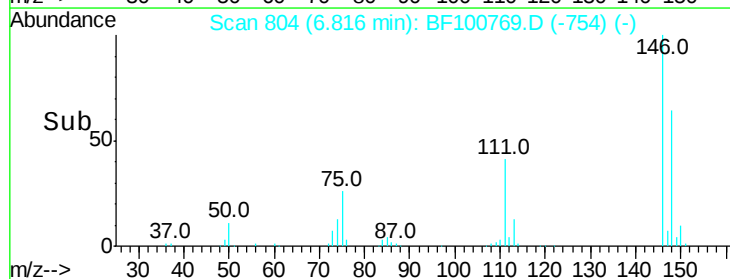
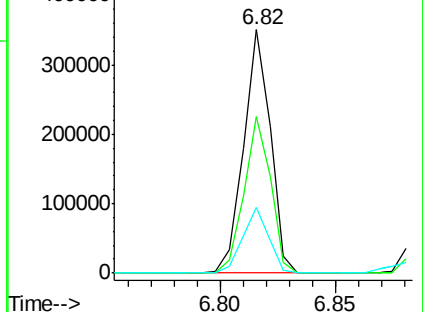
75 26.8 24.2 36.4

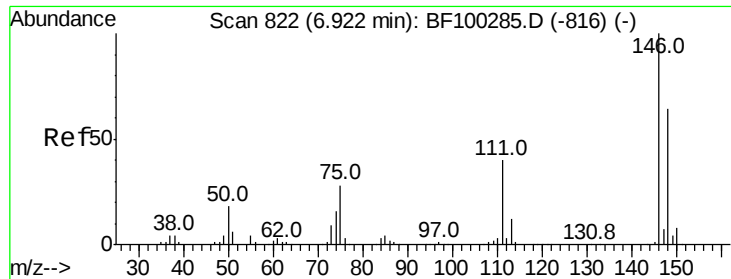


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

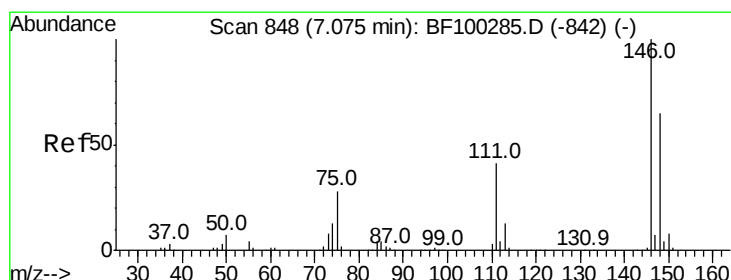
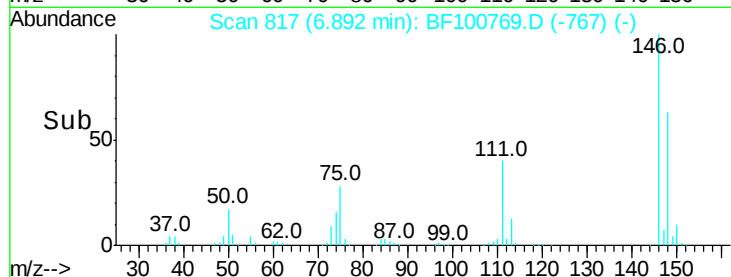
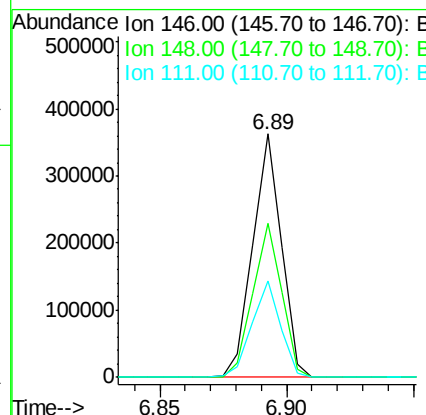
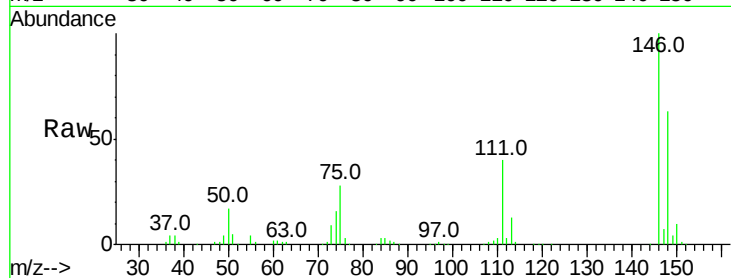




#13
 1,4-Dichlorobenzene
 Concen: 41.038 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF100769.D
 Acq: 21 Nov 2017 9:41

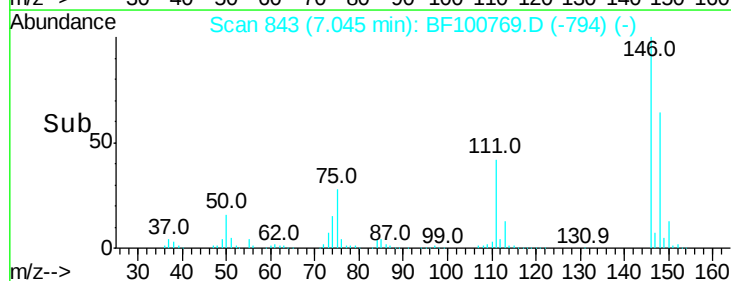
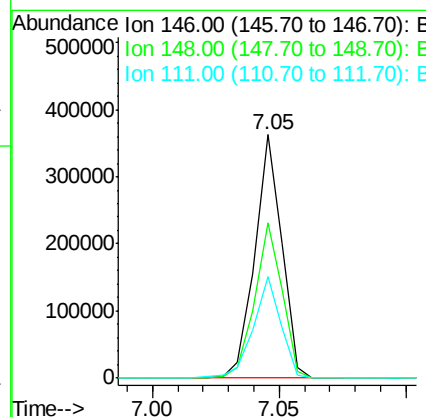
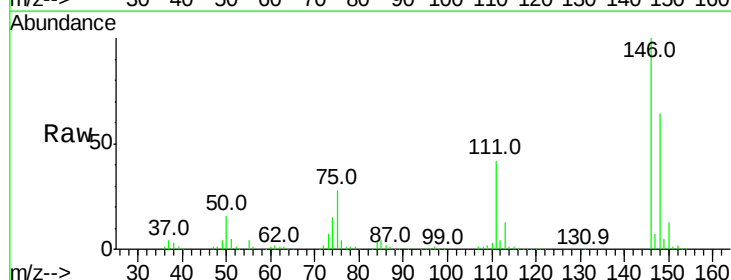
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.8	76.2
111	39.7	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 41.849 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF100769.D
 Acq: 21 Nov 2017 9:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
111	41.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 38.622 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF100769.D

Acq: 21 Nov 2017 9:41

Instrument :

BNA_F

ClientSampleId :

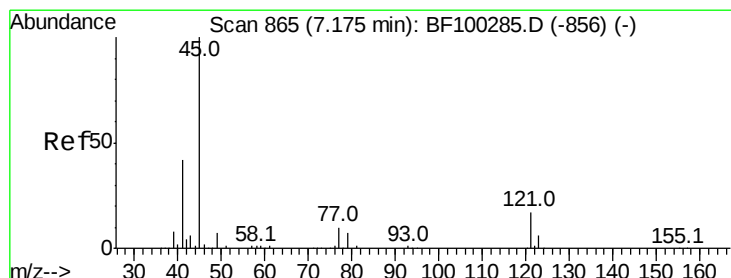
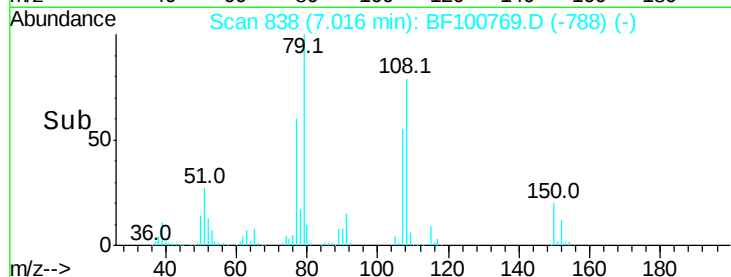
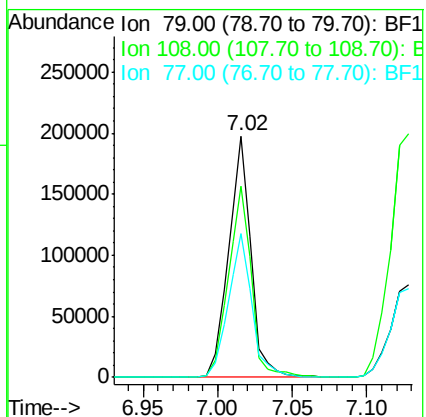
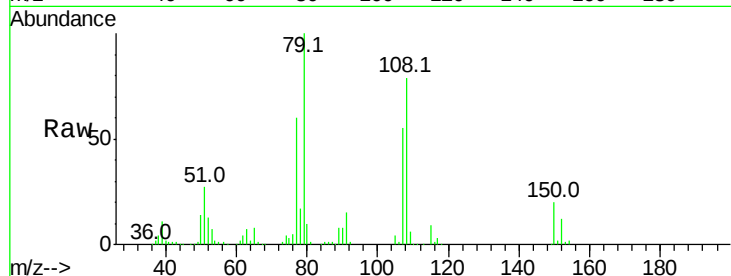
Tot Ion: 79 Resp: 209254

Ion Ratio Lower Upper

79 100

108 79.3 65.1 97.7

77 59.6 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.461 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF100769.D

Acq: 21 Nov 2017 9:41

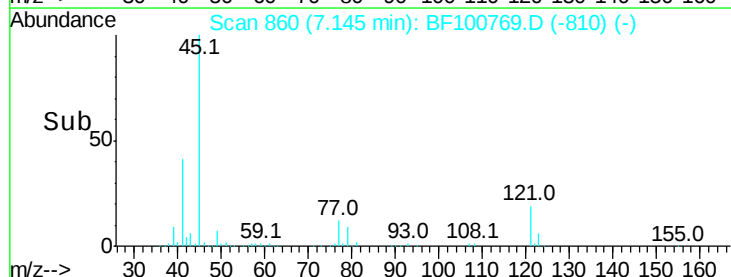
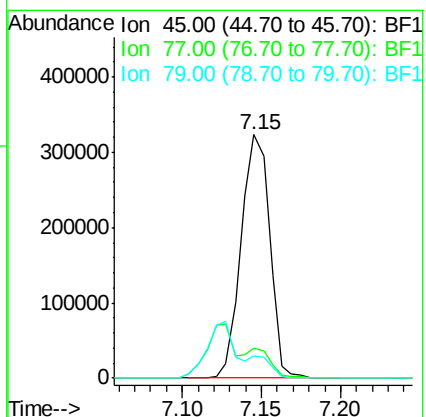
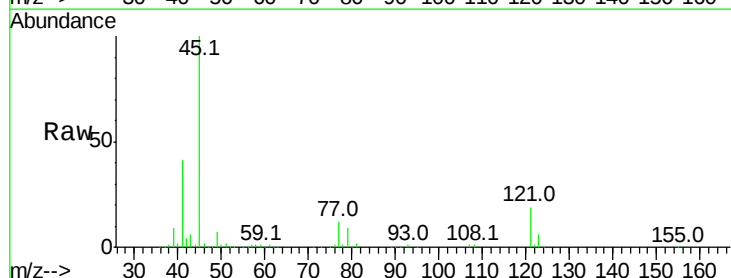
Tgt Ion: 45 Resp: 405924

Ion Ratio Lower Upper

45 100

77 12.3 0.0 32.9

79 9.3 0.0 29.6

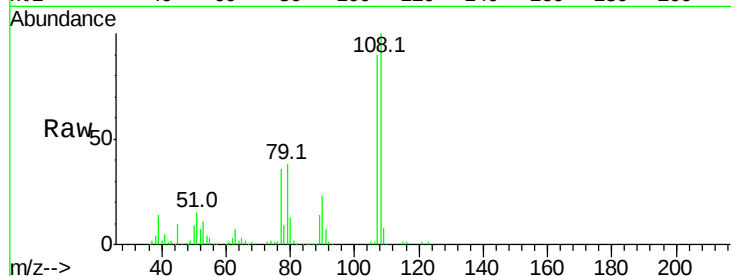




#17
2-Methylphenol
Concen: 39.679 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.7	91.7	137.5
77	40.7	33.8	50.8
79	42.4	33.8	50.8



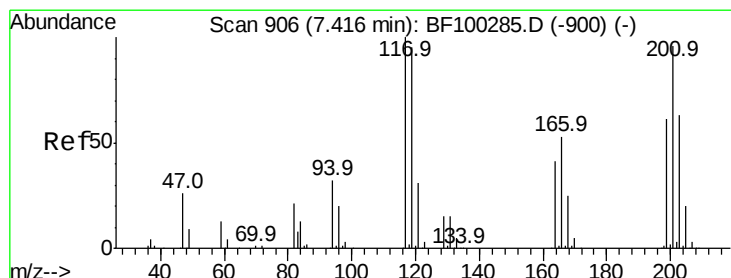
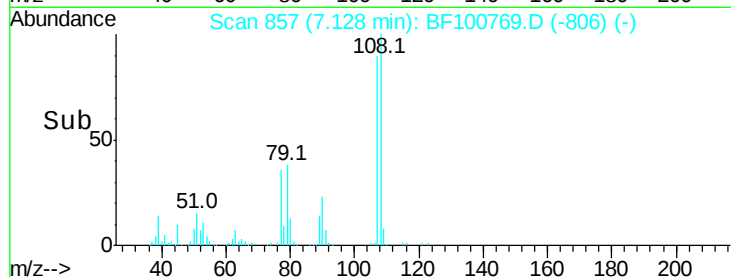
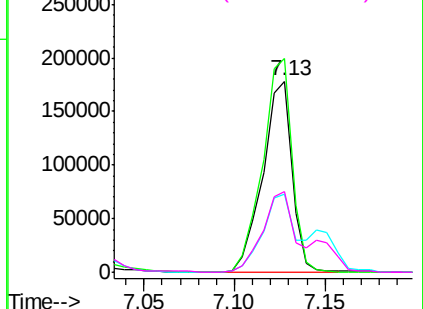
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

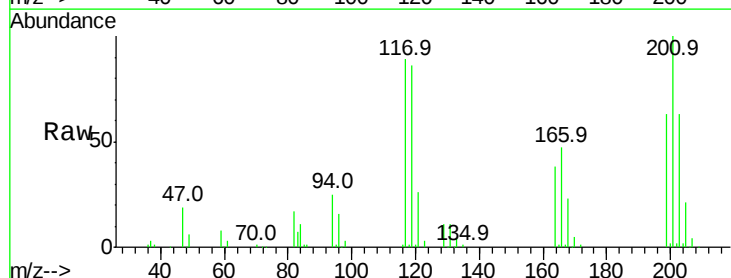
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 37.114 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.8	113.8
201	111.7	75.7	113.5

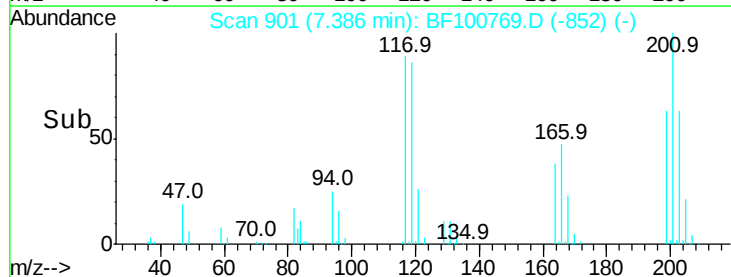
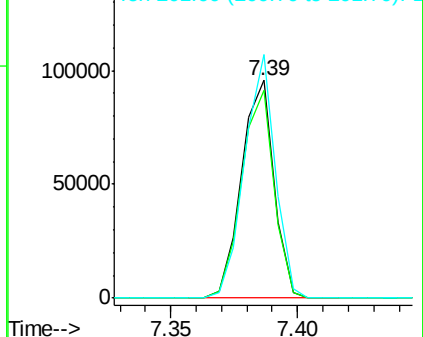


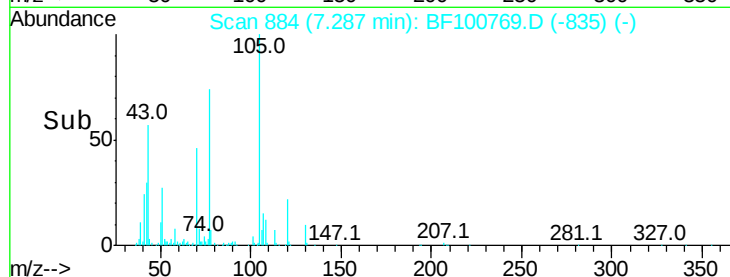
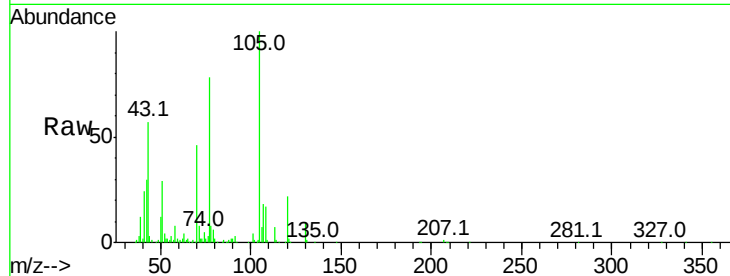
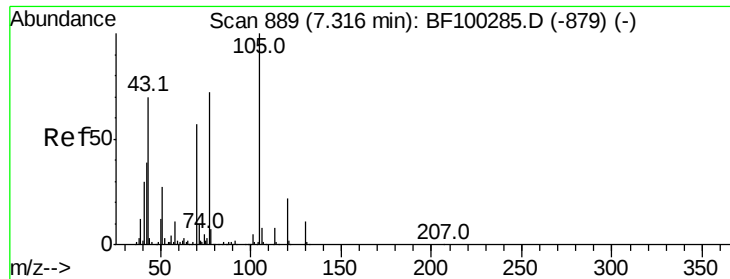
Abundance

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

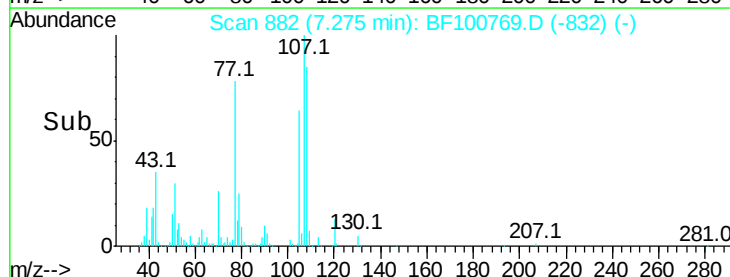
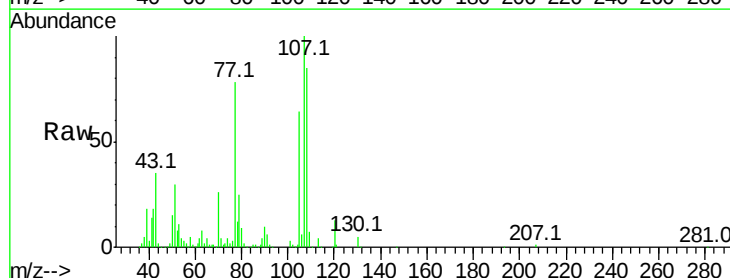
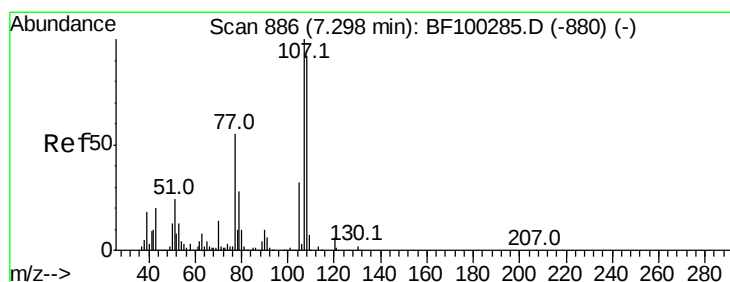
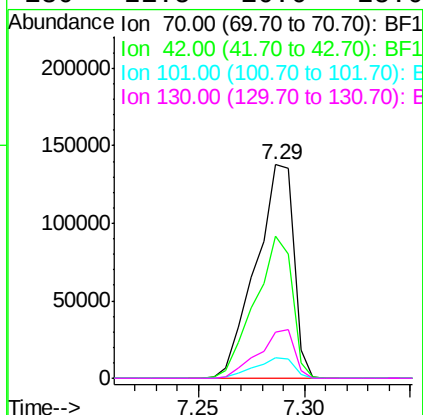




#19
n-Nitroso-di-n-propylamine
Concen: 35.697 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

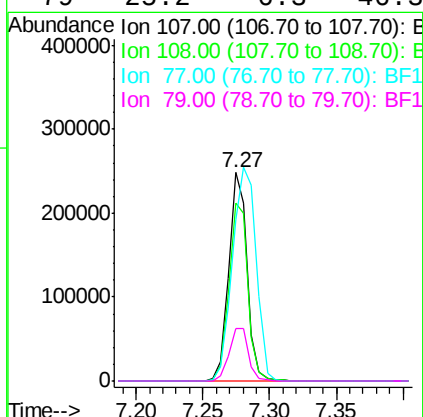
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 171858
Ion Ratio Lower Upper
70 100
42 66.4 47.5 71.3
101 9.7 7.4 11.2
130 21.5 16.6 25.0



#20
3+4-Methylphenols
Concen: 37.457 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

Tgt Ion: 107 Resp: 241237
Ion Ratio Lower Upper
107 100
108 85.2 68.2 108.2
77 77.6 26.7 66.7#
79 25.2 6.3 46.3

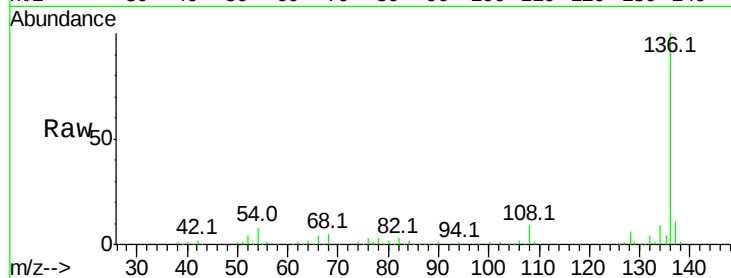




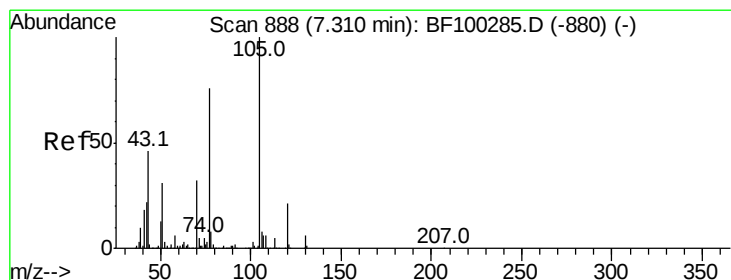
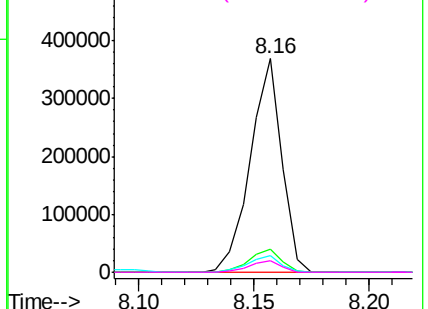
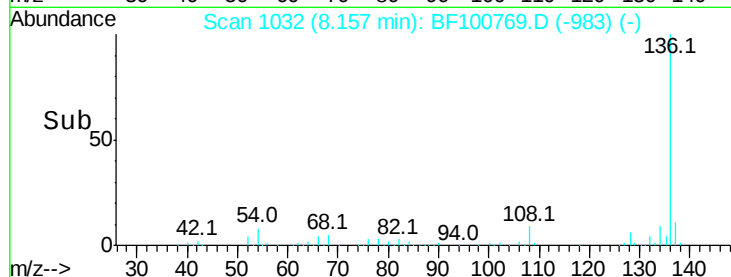
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	350609
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.9	6.6	9.8
68	5.2	5.0	7.4

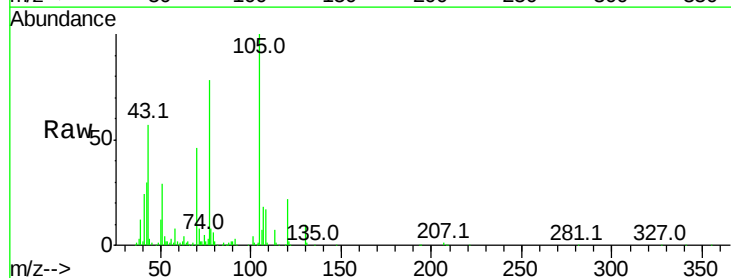


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

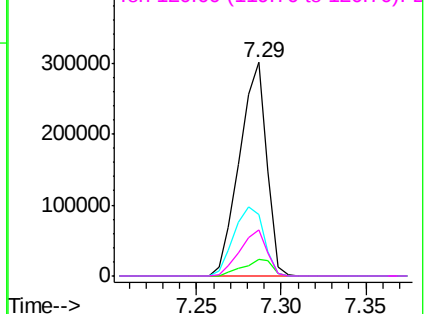
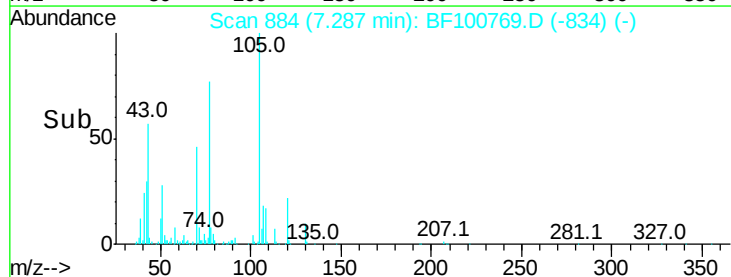


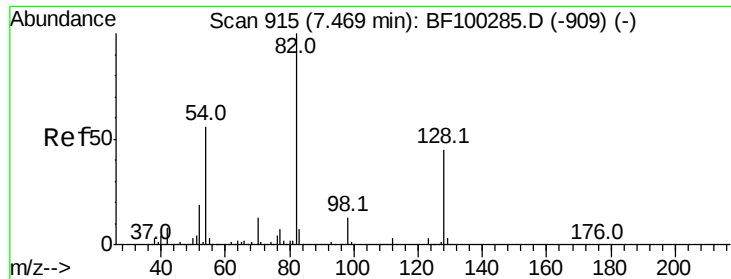
#22
Acetophenone
Concen: 39.613 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

Tgt Ion:	105	Resp:	338676
Ion	Ratio	Lower	Upper
105	100		
71	7.7	4.4	6.6#
51	28.5	22.3	33.5
120	21.8	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

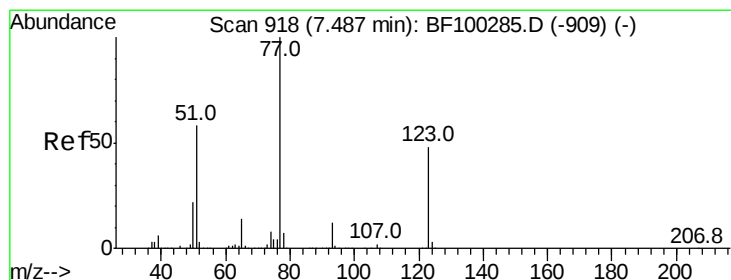
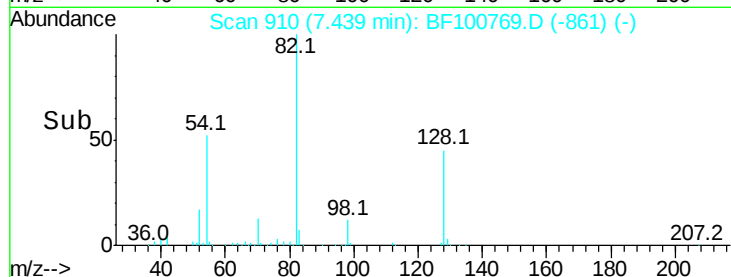
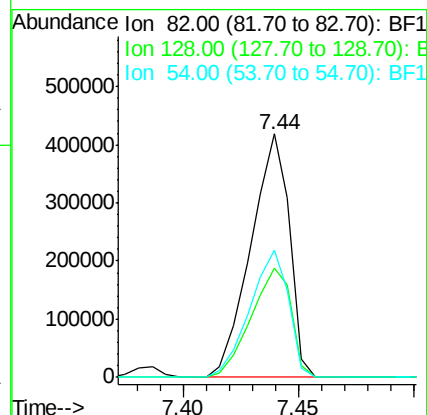
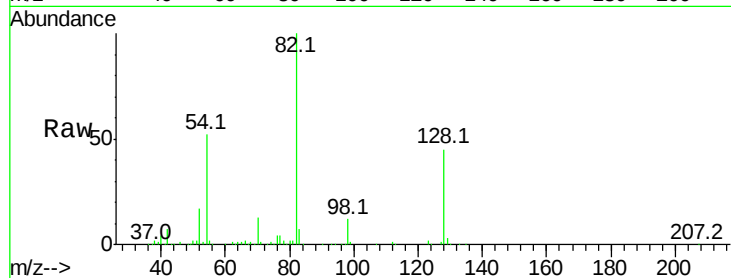




#23
Nitrobenzene-d5
Concen: 91.994 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

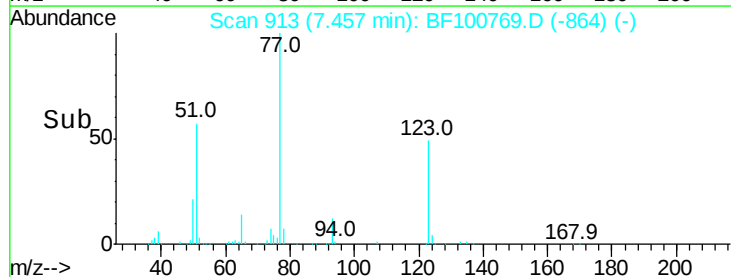
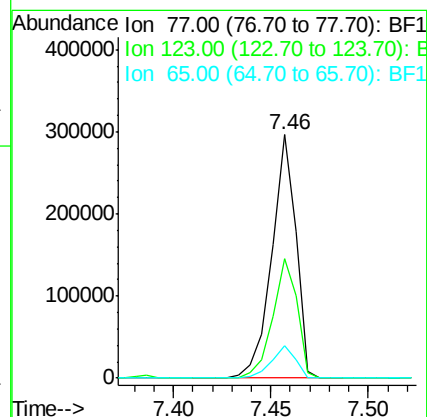
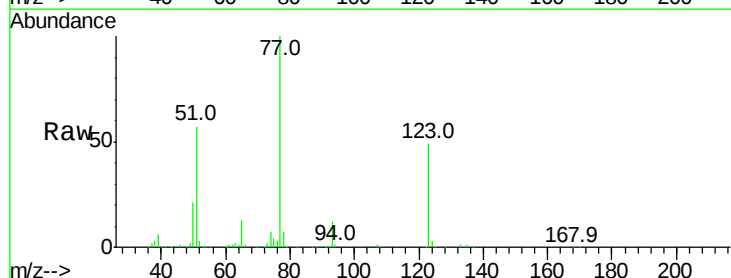
Instrument :
BNA_F
ClientSampleId :

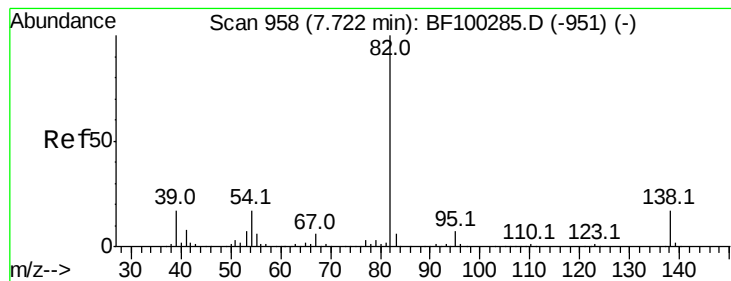
Tot Ion: 82 Resp: 487856
Ion Ratio Lower Upper
82 100
128 44.8 36.1 54.1
54 52.1 41.4 62.2



#24
Nitrobenzene
Concen: 46.528 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

Tgt Ion: 77 Resp: 253965
Ion Ratio Lower Upper
77 100
123 48.9 37.9 56.9
65 13.4 11.0 16.4





#25

Isophorone

Concen: 41.491 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF100769.D

Acq: 21 Nov 2017 9:41

Instrument :

BNA_F

ClientSampleId :

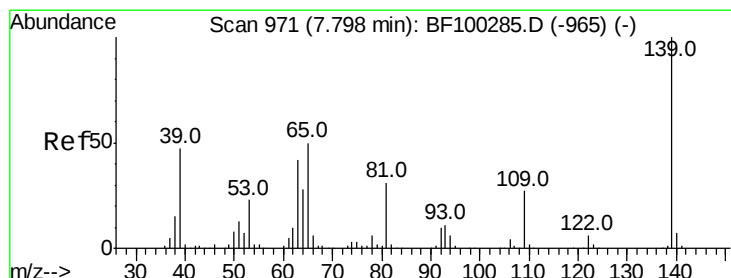
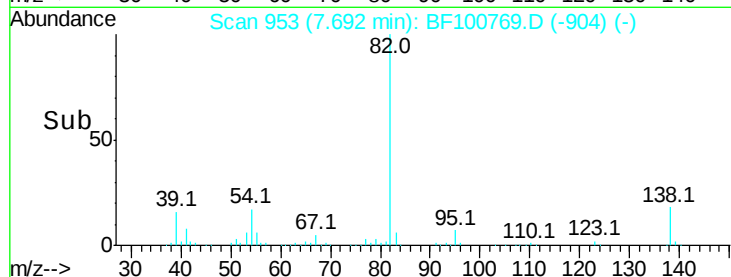
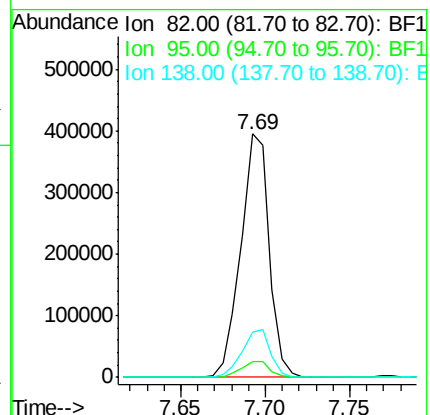
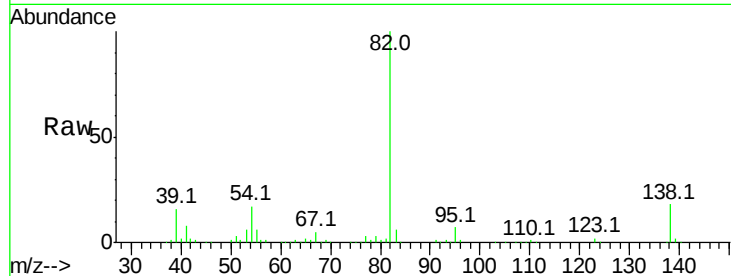
Tot Ion: 82 Resp: 462382

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 18.4 14.9 22.3



#26

2-Nitrophenol

Concen: 48.588 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF100769.D

Acq: 21 Nov 2017 9:41

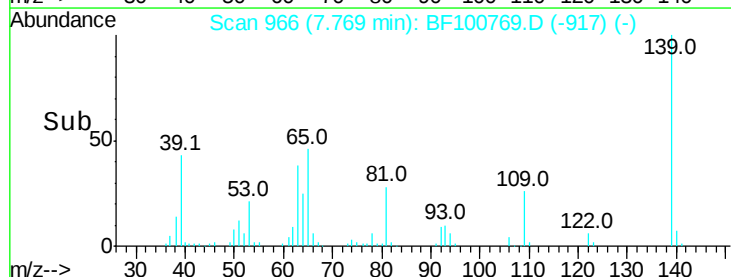
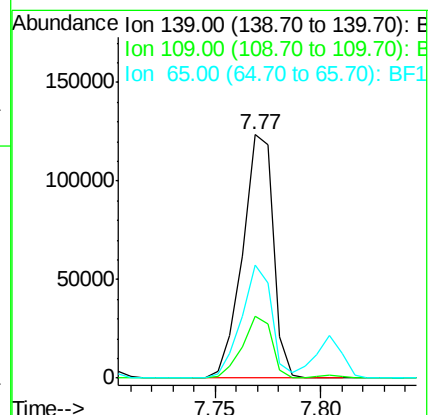
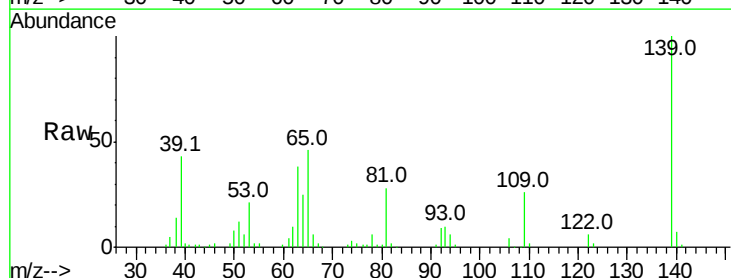
Tgt Ion:139 Resp: 124533

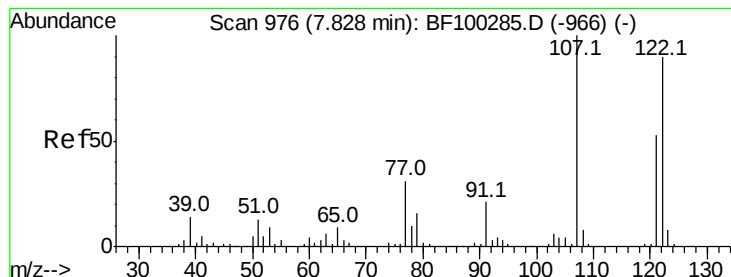
Ion Ratio Lower Upper

139 100

109 25.6 22.7 34.1

65 46.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 44.684 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF100769.D

Acq: 21 Nov 2017 9:41

Instrument :

BNA_F

ClientSampleId :

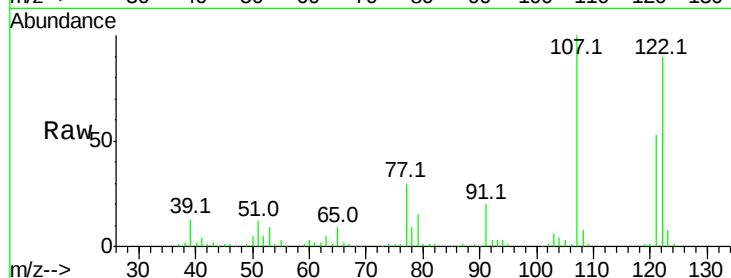
Tot Ion:122 Resp: 223225

Ion Ratio Lower Upper

122 100

107 111.5 91.2 136.8

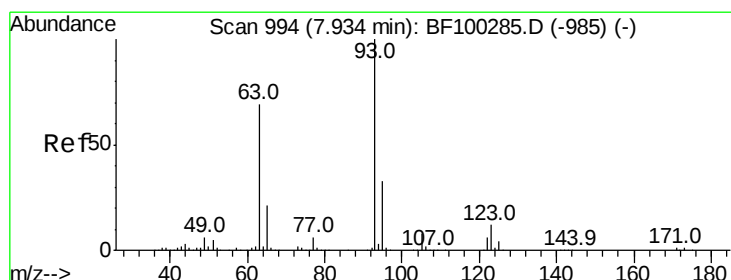
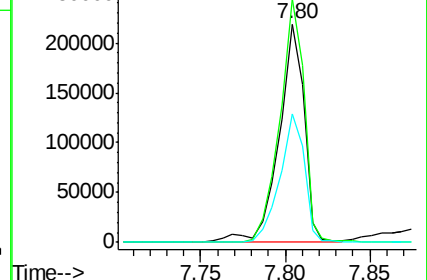
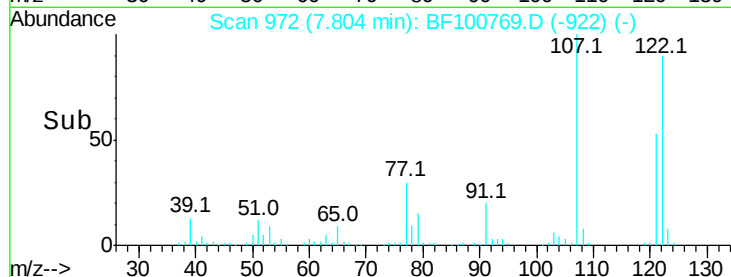
121 58.9 47.2 70.8



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: 40.726 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF100769.D

Acq: 21 Nov 2017 9:41

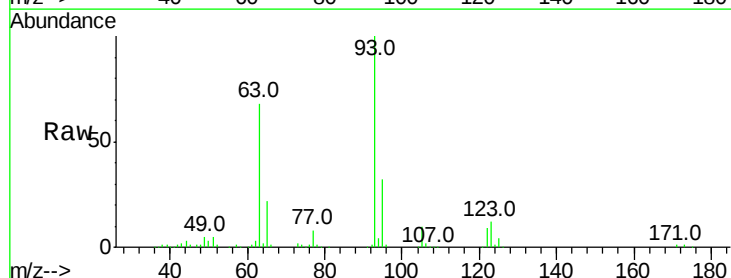
Tgt Ion: 93 Resp: 296871

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

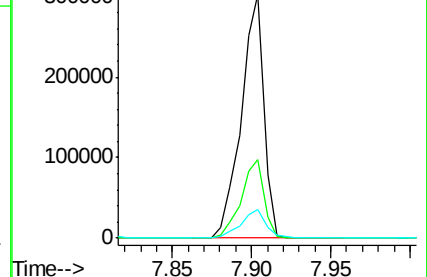
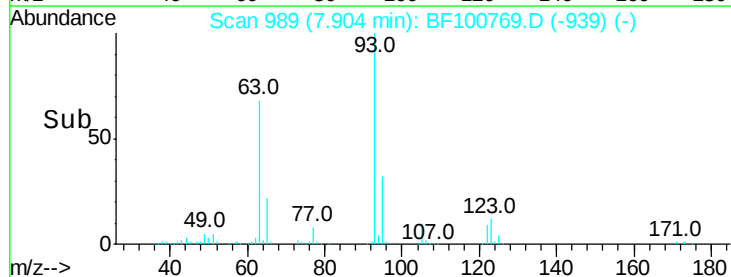
123 11.8 9.8 14.6



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: 44.599 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF100769.D

Acq: 21 Nov 2017 9:41

Instrument :

BNA_F

ClientSampled :

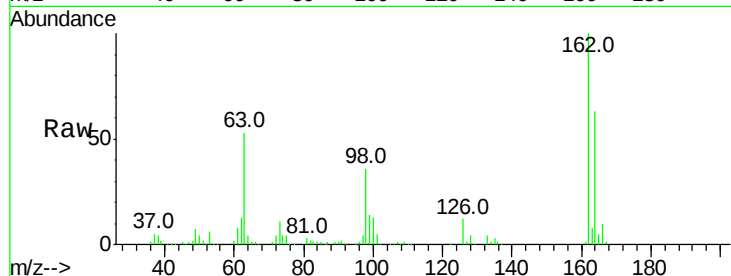
Tot Ion:162 Resp: 212698

Ion Ratio Lower Upper

162 100

164 63.4 42.7 82.7

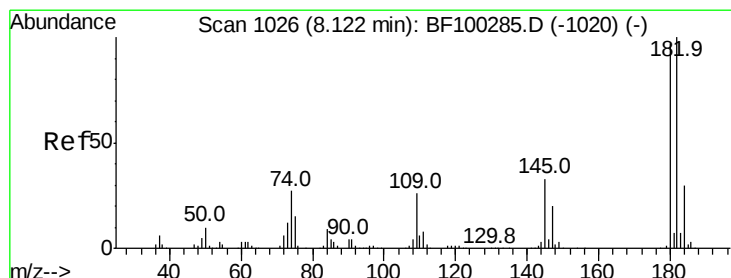
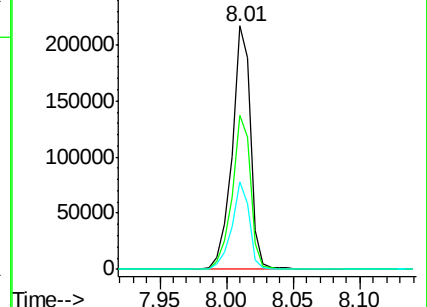
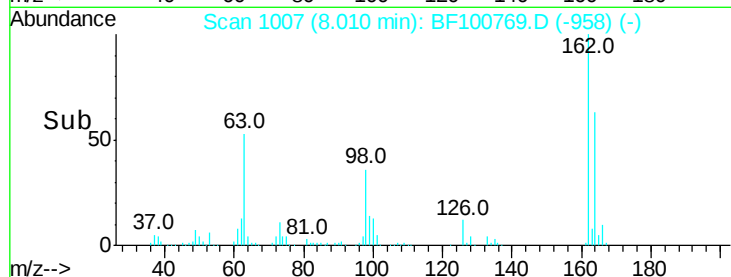
98 35.7 18.1 58.1



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: 44.596 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF100769.D

Acq: 21 Nov 2017 9:41

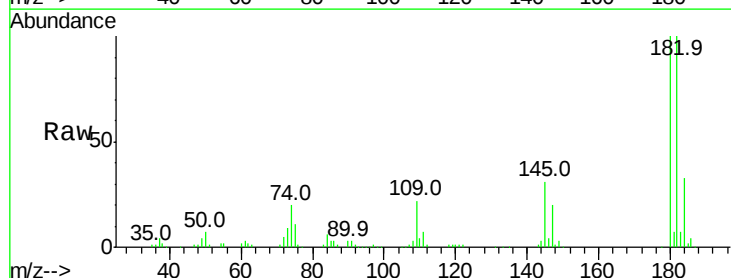
Tgt Ion:180 Resp: 230062

Ion Ratio Lower Upper

180 100

182 99.7 76.8 115.2

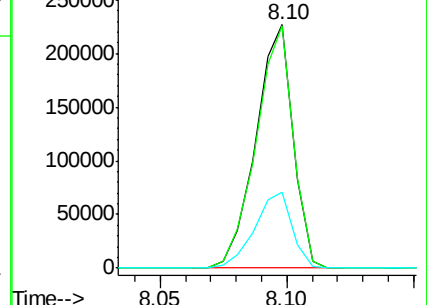
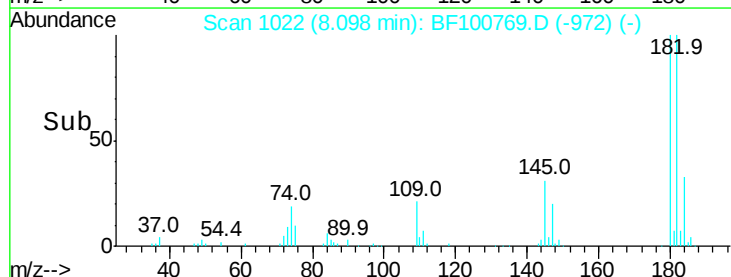
145 31.4 26.5 39.7

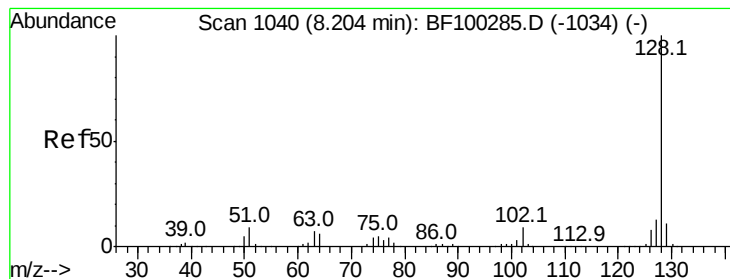


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 54.605 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100769.D

Acq: 21 Nov 2017 9:41

Instrument :

BNA_F

ClientSampleId :

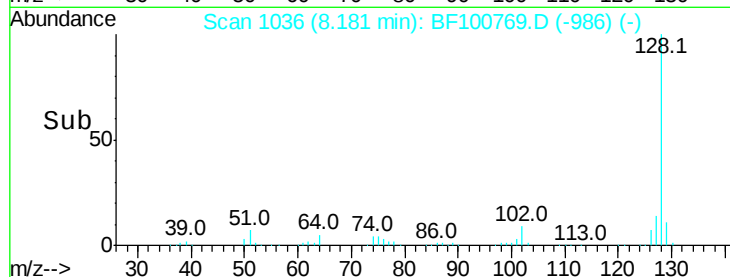
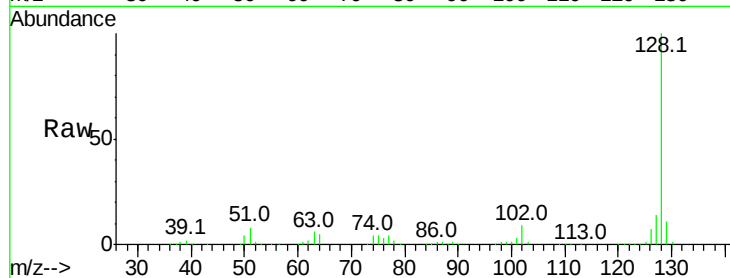
Tot Ion:128 Resp: 922130

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

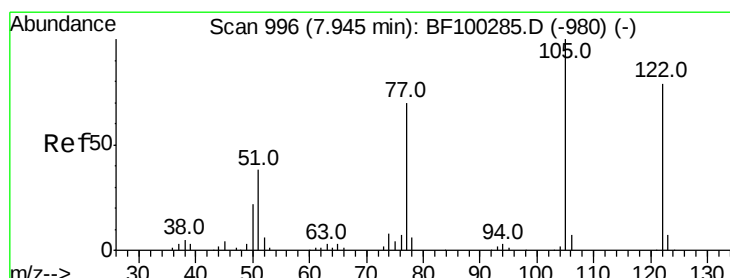
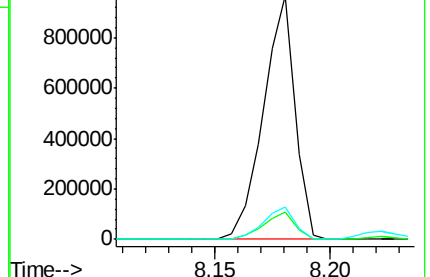
127 13.5 10.9 16.3



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: 32.093 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF100769.D

Acq: 21 Nov 2017 9:41

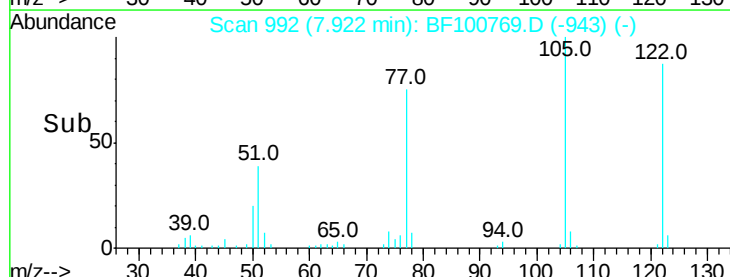
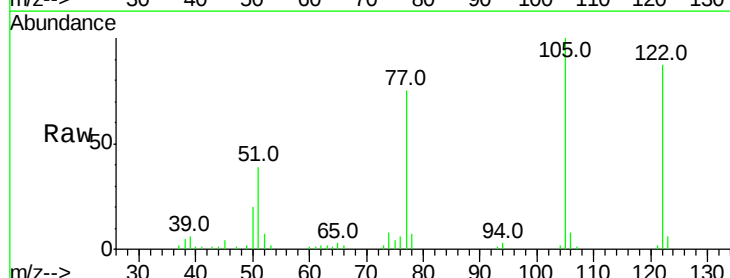
Tgt Ion:122 Resp: 108009

Ion Ratio Lower Upper

122 100

105 115.0 101.1 141.1

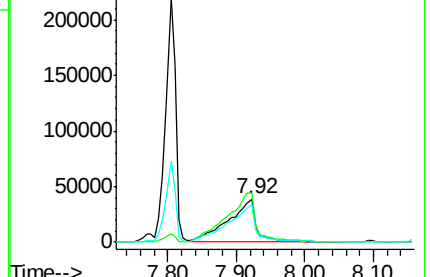
77 86.6 70.7 110.7



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

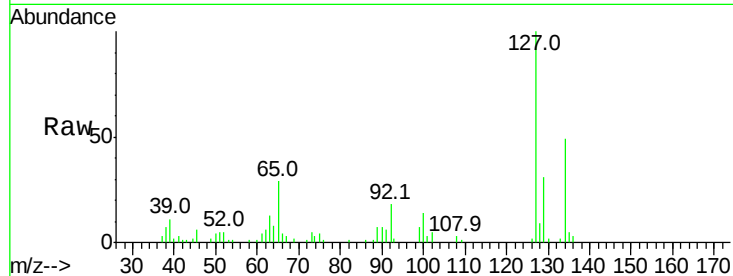




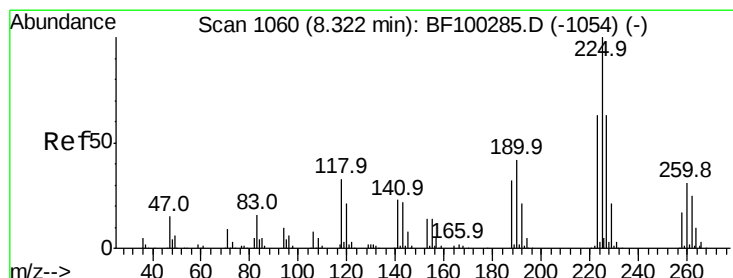
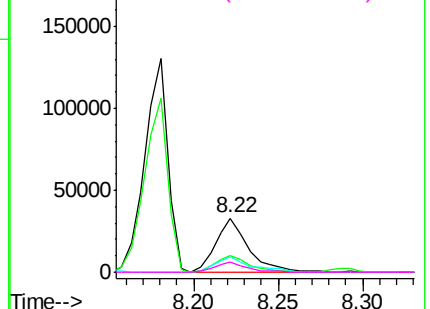
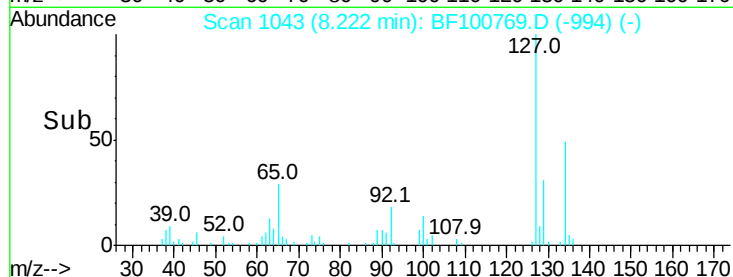
#33
4-Chloroaniline
Concen: 6.323 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	44446
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.9	38.9
65	29.2	25.0	37.4
92	18.3	15.2	22.8

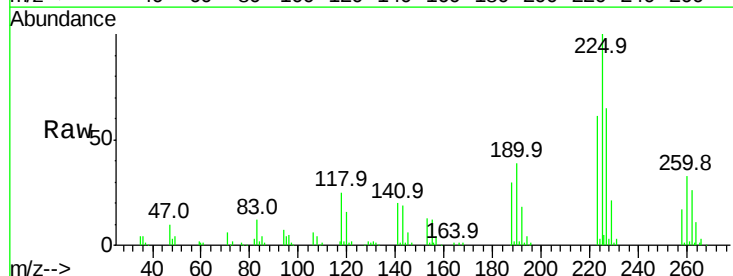


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

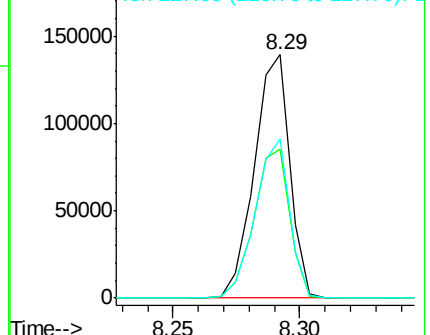
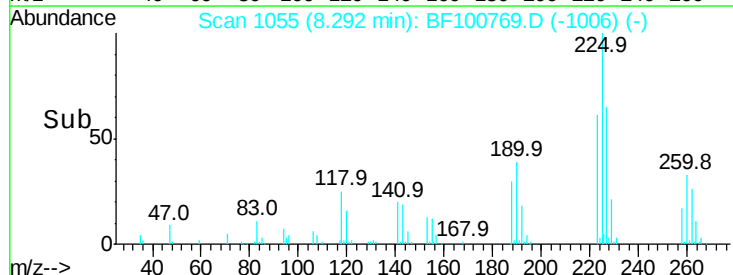


#34
Hexachlorobutadiene
Concen: 44.270 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

Tgt Ion:	225	Resp:	135786
Ion	Ratio	Lower	Upper
225	100		
223	61.0	50.6	76.0
227	65.3	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

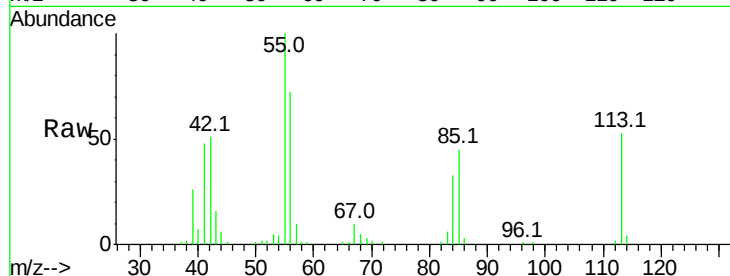




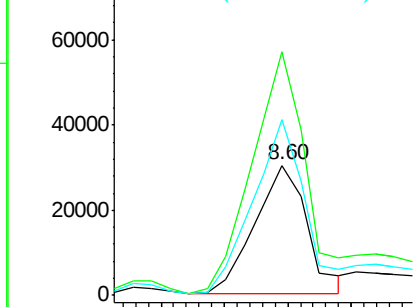
#35
Caprolactam
Concen: 21.360 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

Instrument :
BNA_F
ClientSampled :

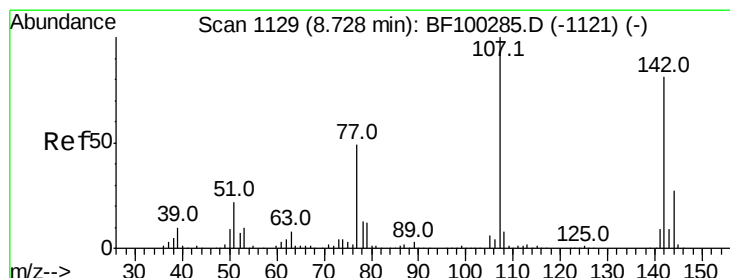
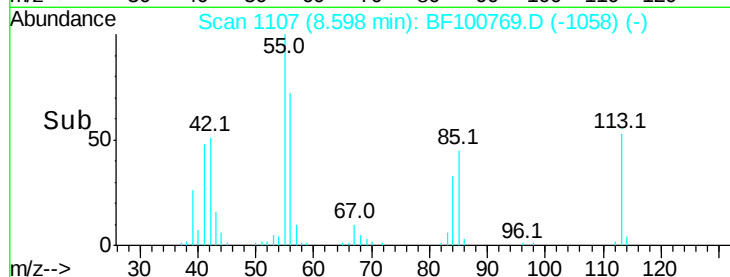
Tot Ion:113 Resp: 34960
Ion Ratio Lower Upper
113 100
55 187.5 163.3 203.3
56 135.0 115.7 155.7



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

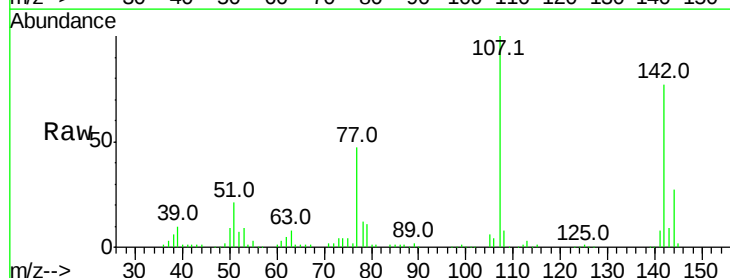


Time-->

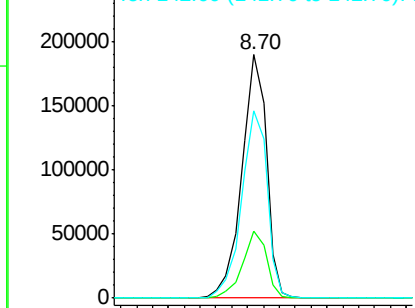


#36
4-Chloro-3-methylphenol
Concen: 40.107 ng
RT: 8.70 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

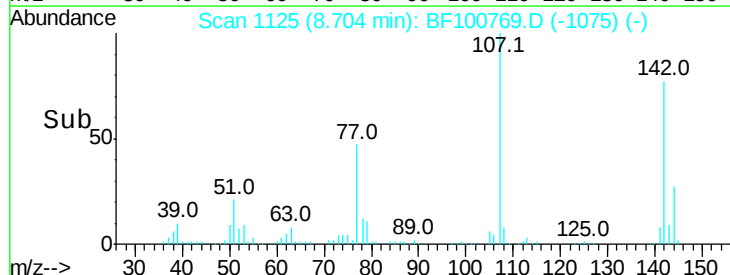
Tgt Ion:107 Resp: 205431
Ion Ratio Lower Upper
107 100
144 27.4 20.5 30.7
142 76.8 62.0 93.0

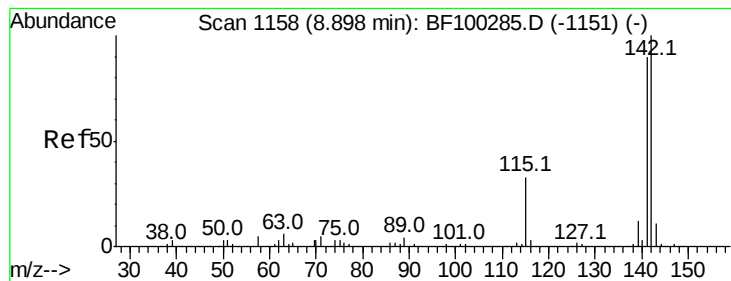


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E



Time-->





#37

2-Methylnaphthalene

Concen: 44.241 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF100769.D

Acq: 21 Nov 2017 9:41

Instrument :

BNA_F

ClientSampleId :

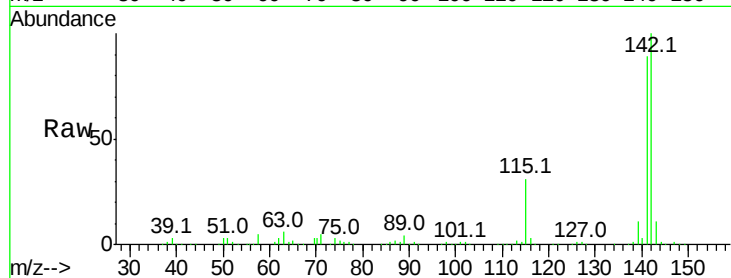
Tot Ion:142 Resp: 496002

Ion Ratio Lower Upper

142 100

141 89.1 70.8 106.2

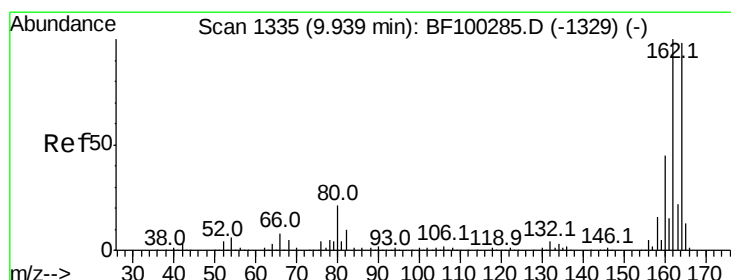
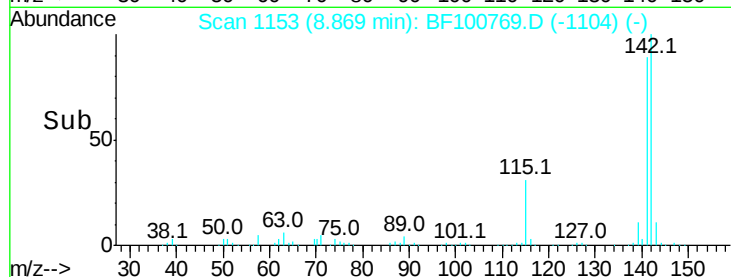
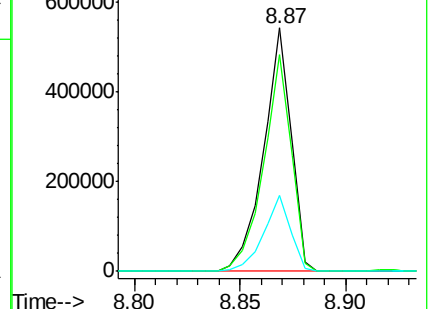
115 31.2 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF100769.D

Acq: 21 Nov 2017 9:41

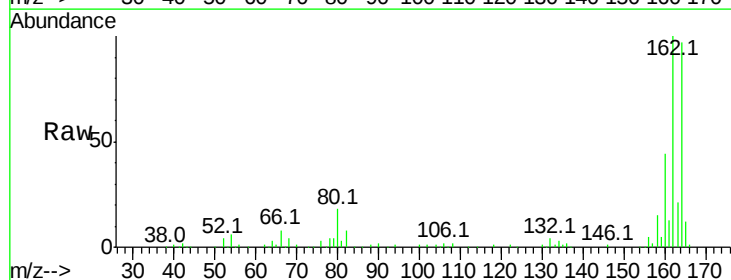
Tgt Ion:164 Resp: 147551

Ion Ratio Lower Upper

164 100

162 103.3 86.1 129.1

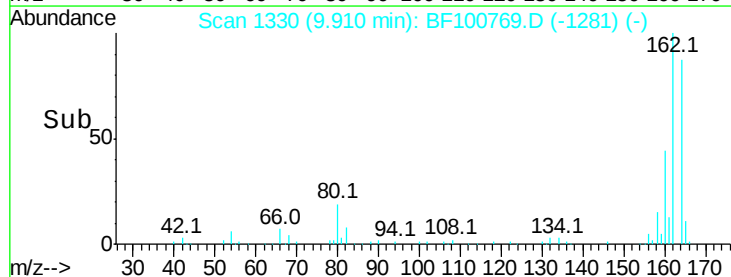
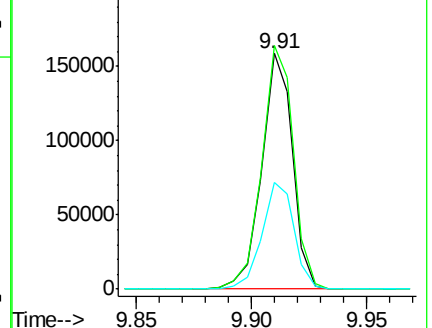
160 45.4 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.569 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF100769.D

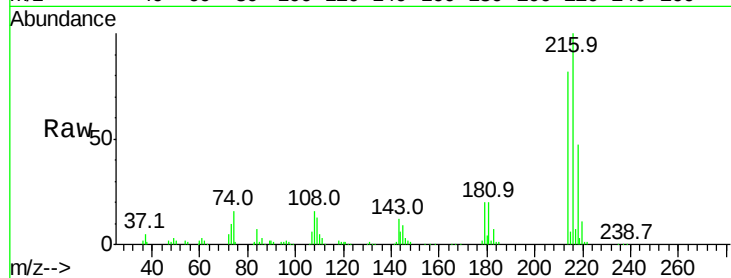
Acq: 21 Nov 2017 9:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	222993
Ion Ratio	Lower	Upper	
216	100		
214	81.4	63.0	94.4
179	19.9	18.1	27.1
108	15.7	17.2	25.8#

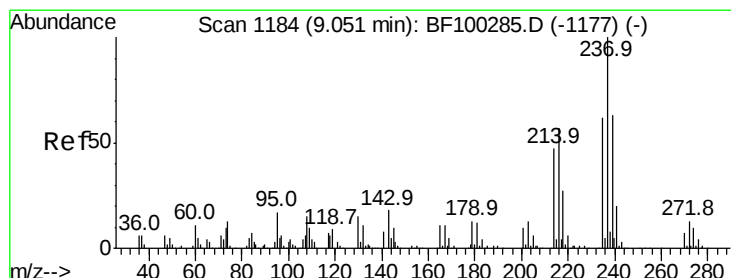
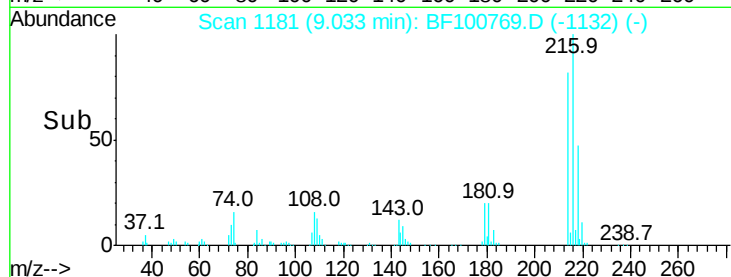
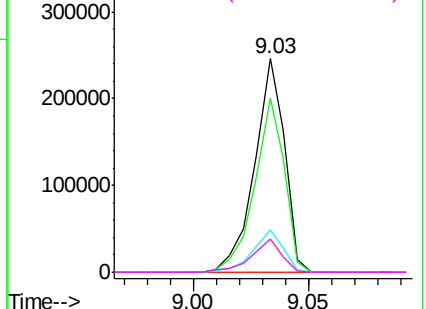


Abundance Ion 216.00 (215.70 to 216.70): E

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: 28.162 ng

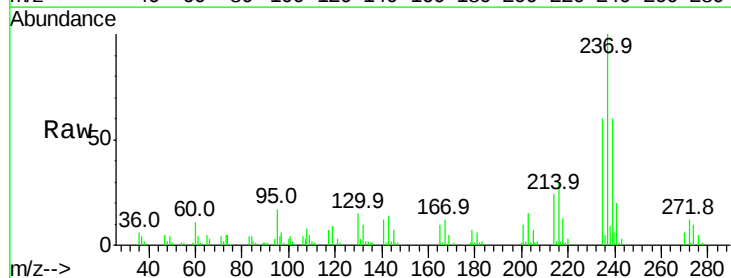
RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF100769.D

Acq: 21 Nov 2017 9:41

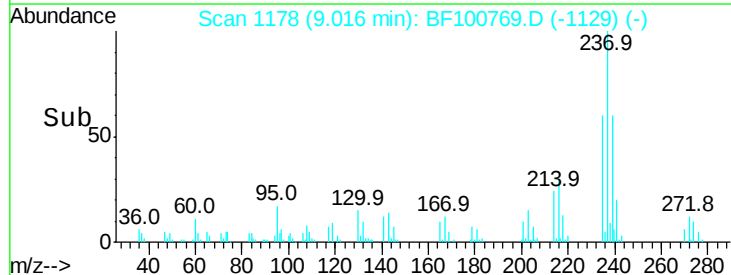
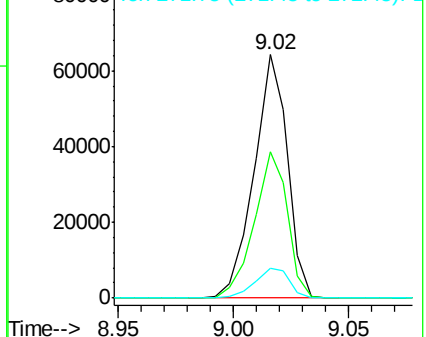
Tgt Ion:	237	Resp:	64861
Ion Ratio	Lower	Upper	
237	100		
235	60.1	44.8	84.8
272	12.3	0.0	33.3



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

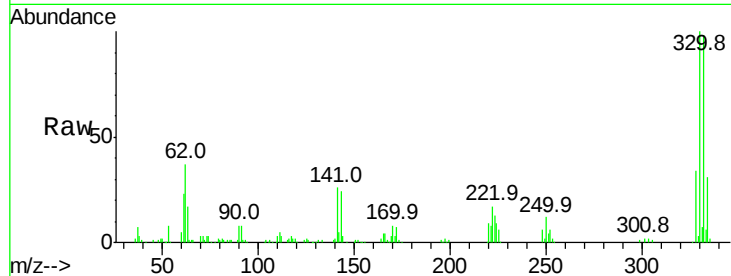




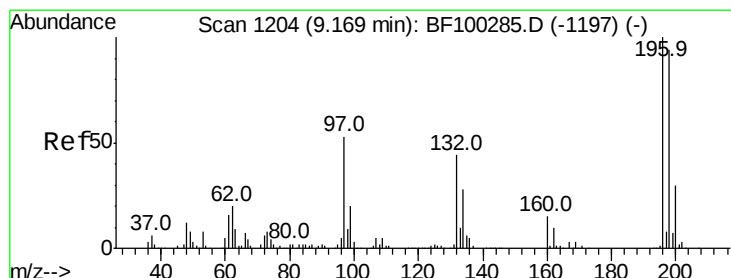
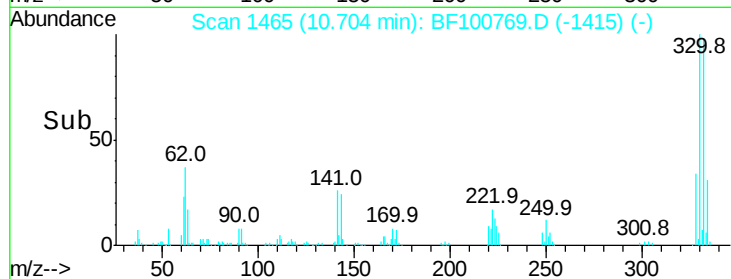
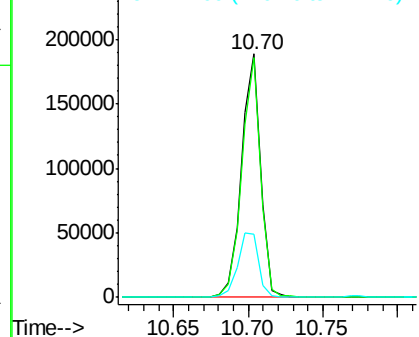
#41
 2,4,6-Tribromophenol
 Concen: 112.932 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100769.D
 Acq: 21 Nov 2017 9:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	28.9	29.9	44.9#

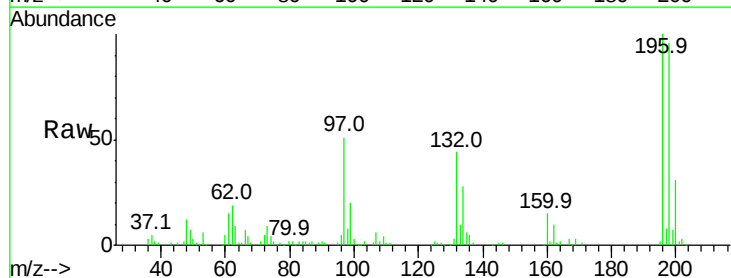


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

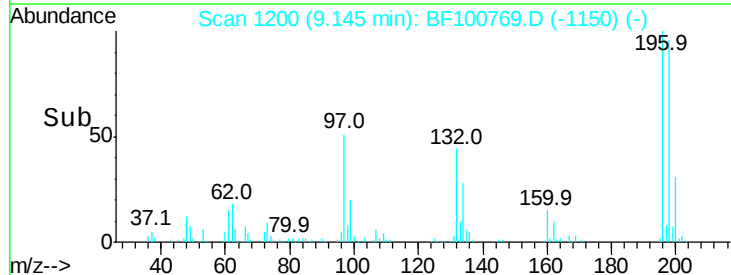
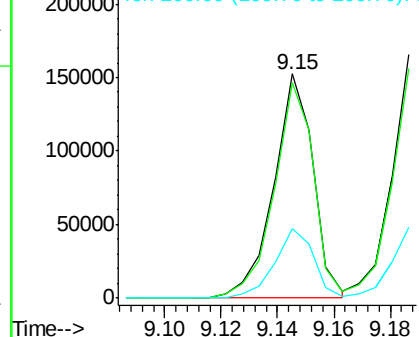


#42
 2,4,6-Trichlorophenol
 Concen: 47.400 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF100769.D
 Acq: 21 Nov 2017 9:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	75.7	113.5
200	31.1	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

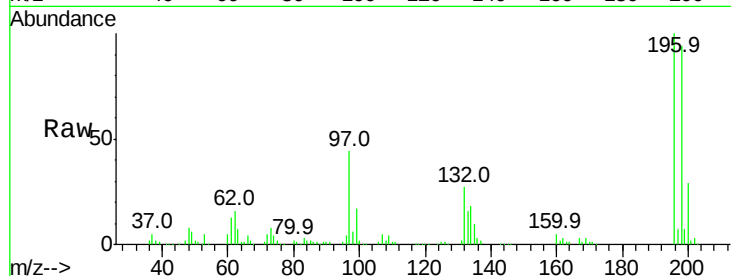




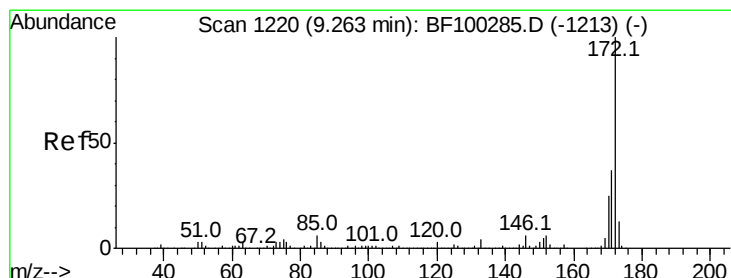
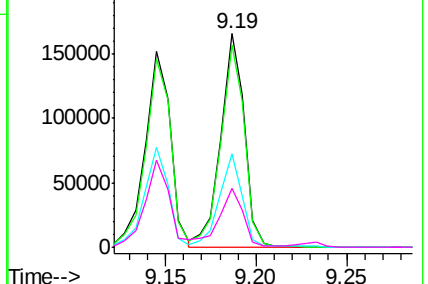
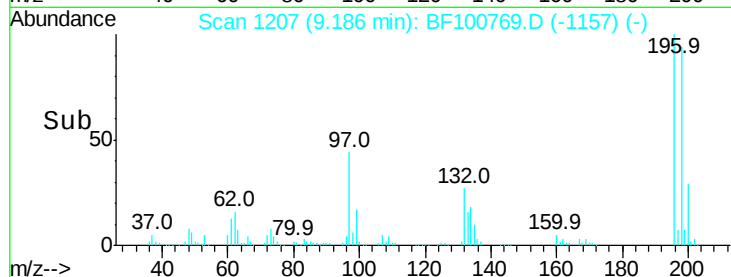
#43
 2,4,5-Trichlorophenol
 Concen: 46.871 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF100769.D
 Acq: 21 Nov 2017 9:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	150611
Ion	Ratio	Lower	Upper
196	100		
198	94.5	74.6	112.0
97	43.8	42.9	64.3
132	27.4	26.3	39.5

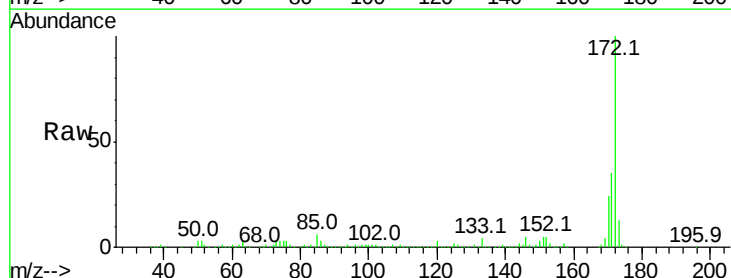


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

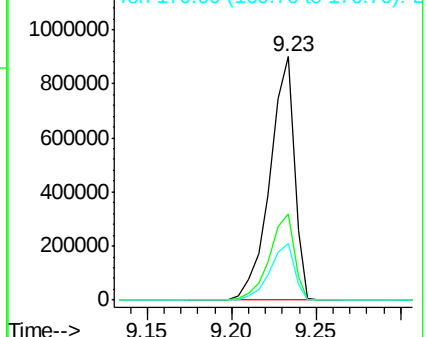
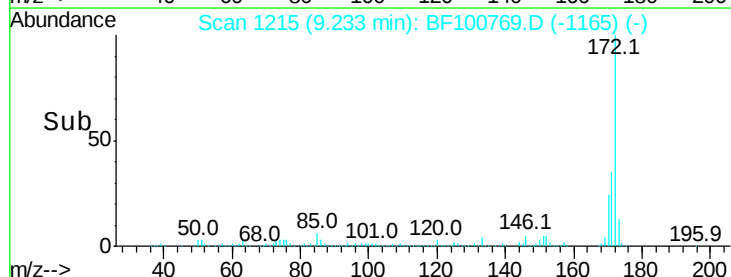


#44
 2-Fluorobiphenyl
 Concen: 93.134 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100769.D
 Acq: 21 Nov 2017 9:41

Tgt Ion:	172	Resp:	902469
Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.5	19.6	29.4



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

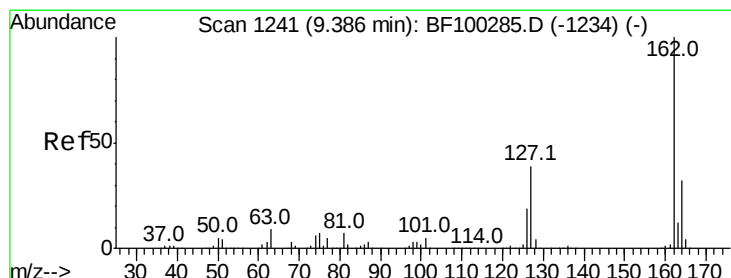
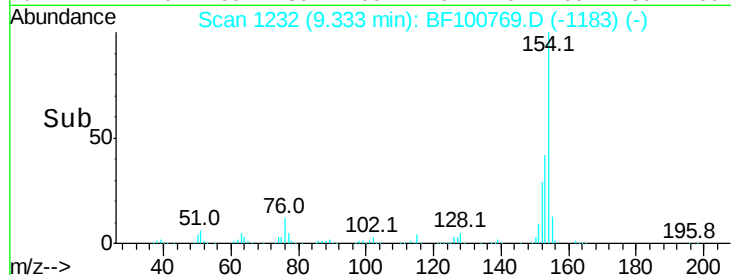
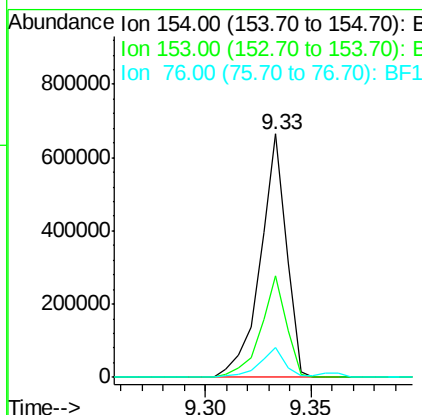
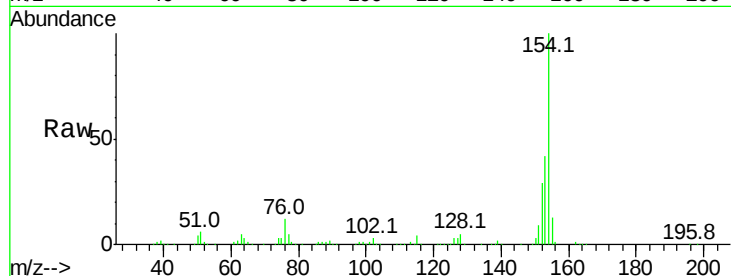




#45
 1,1'-Biphenyl
 Concen: 44.536 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF100769.D
 Acq: 21 Nov 2017 9:41

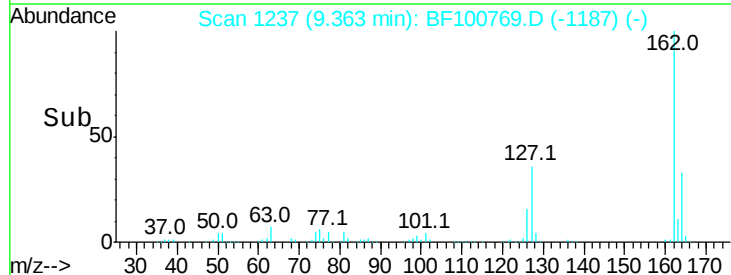
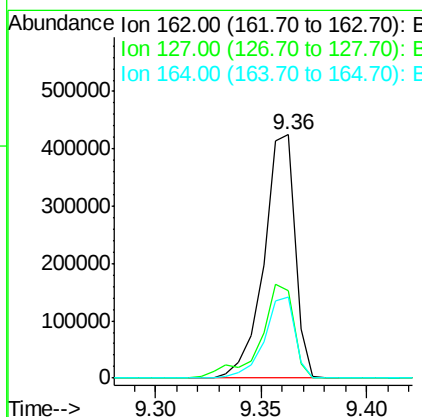
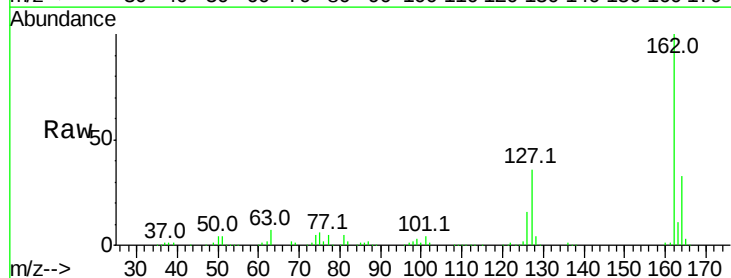
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.3	61.3
76	12.3	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 47.071 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF100769.D
 Acq: 21 Nov 2017 9:41

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.8	33.9	50.9
164	33.4	26.5	39.7

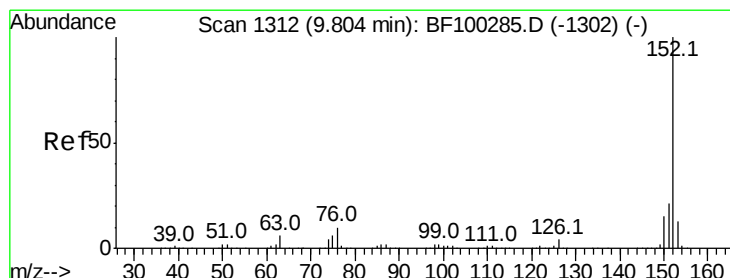
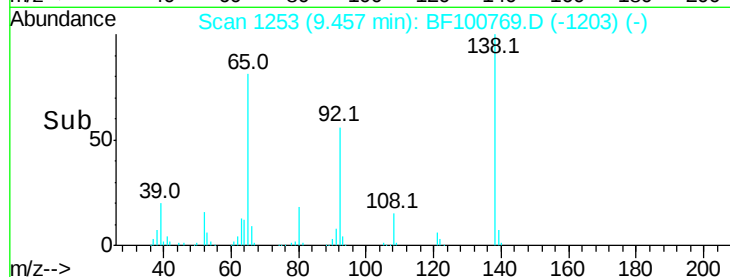
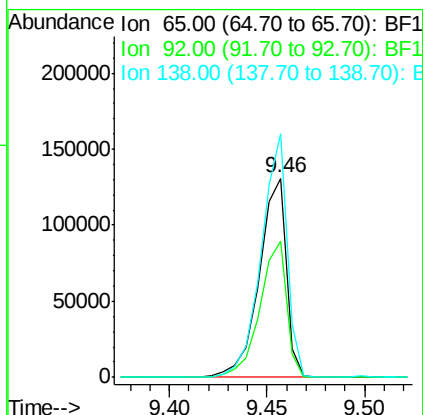
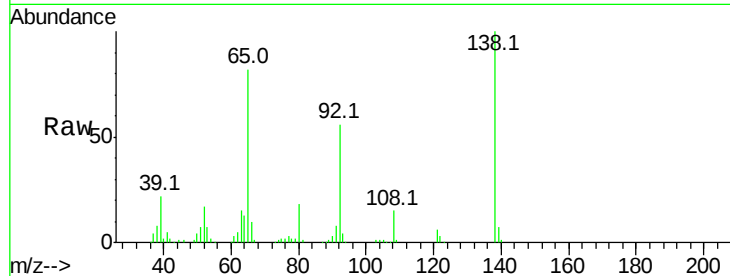




#47
2-Nitroaniline
Concen: 46.160 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

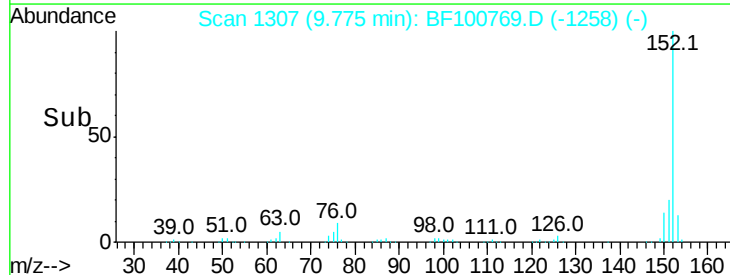
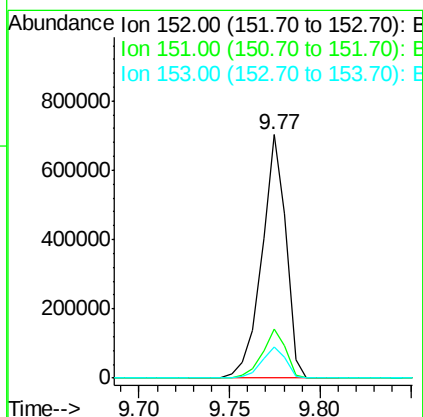
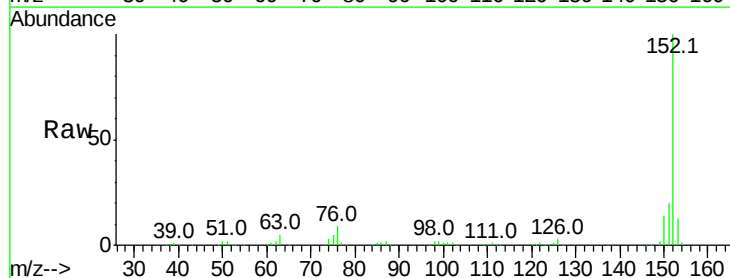
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 125966
Ion Ratio Lower Upper
65 100
92 68.3 55.8 83.6
138 122.1 91.2 136.8



#48
Acenaphthylene
Concen: 42.244 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

Tgt Ion: 152 Resp: 648150
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.0 10.7 16.1

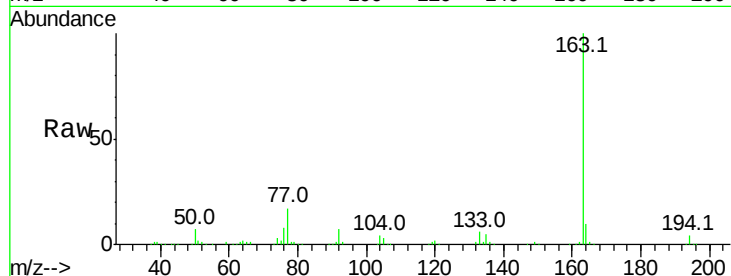




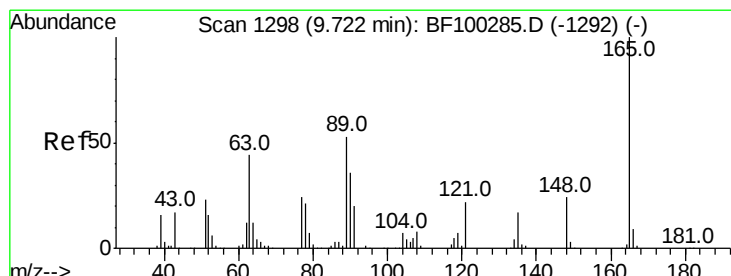
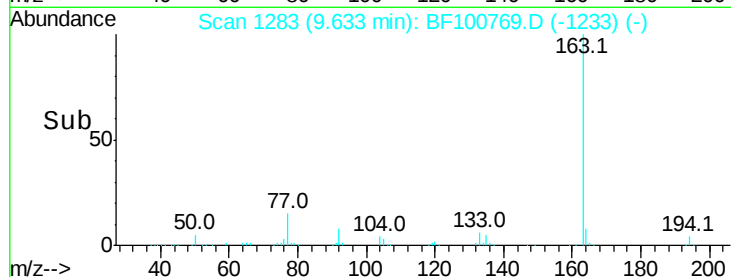
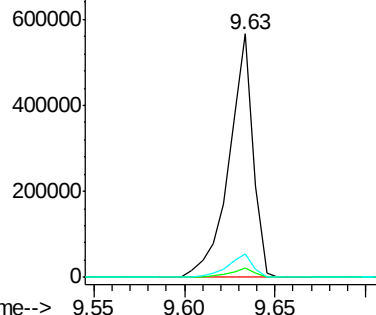
#49
Dimethylphthalate
Concen: 46.294 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.7	8.2	12.2

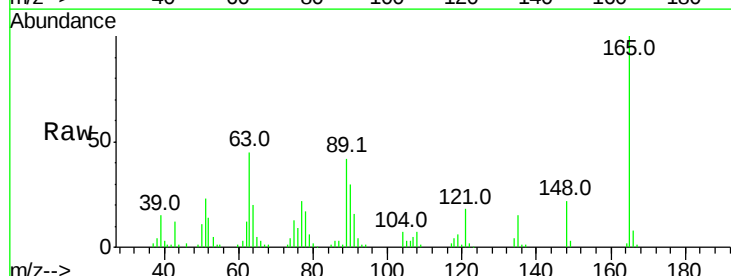


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

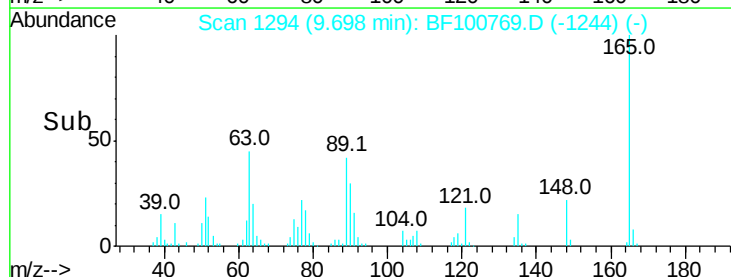
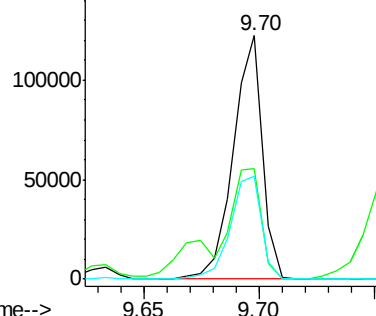


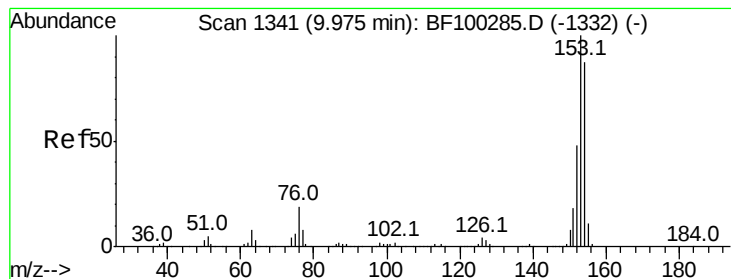
#50
2,6-Dinitrotoluene
Concen: 48.213 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.5	44.7	67.1
89	42.4	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: 41.498 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF100769.D

Acq: 21 Nov 2017 9:41

Instrument :

BNA_F

ClientSampleId :

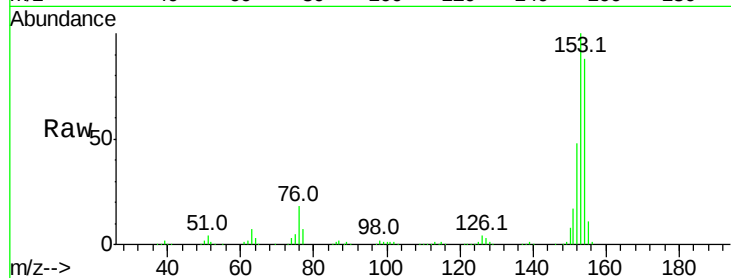
Tot Ion:154 Resp: 387224

Ion Ratio Lower Upper

154 100

153 113.3 91.2 136.8

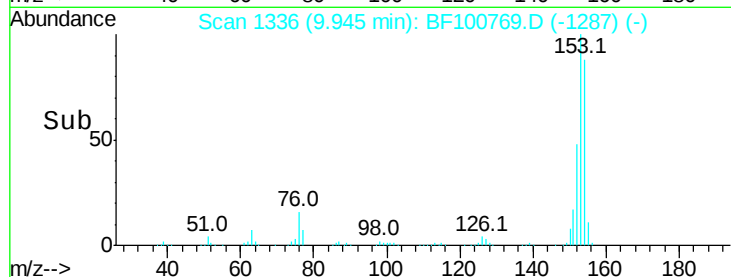
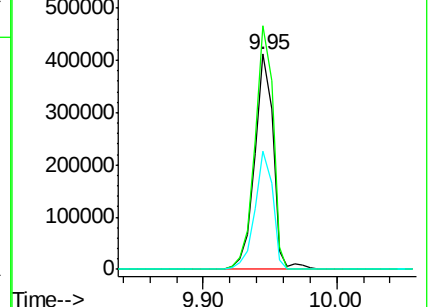
152 54.7 43.8 65.8



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: 19.906 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF100769.D

Acq: 21 Nov 2017 9:41

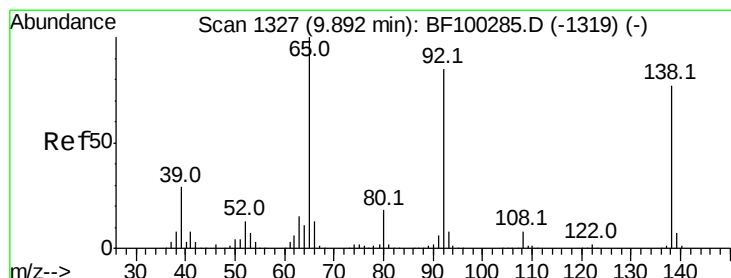
Tgt Ion:138 Resp: 52418

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

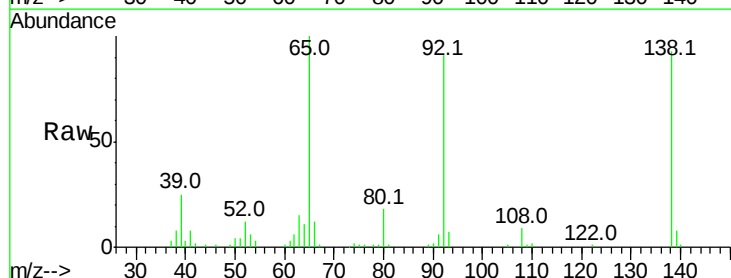
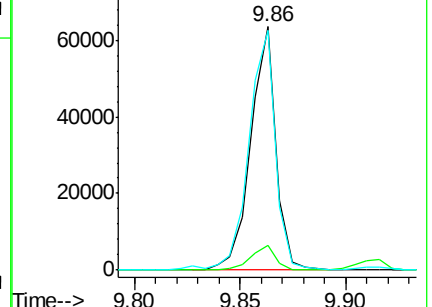
92 98.3 89.4 134.2



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

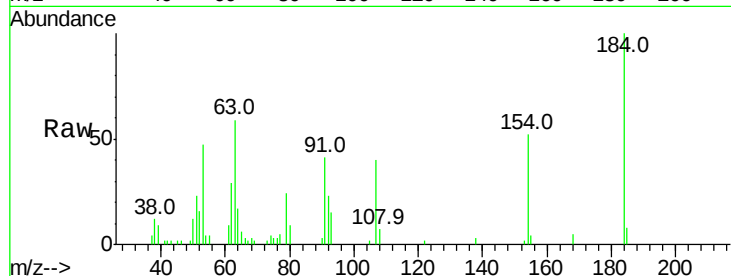




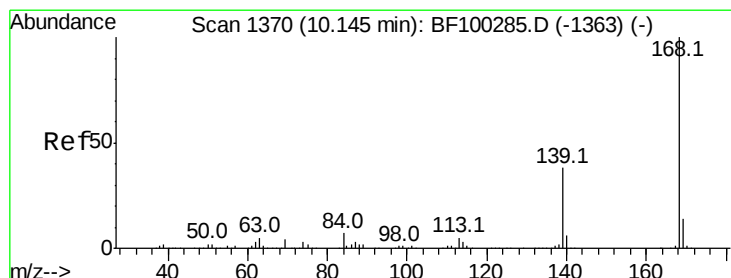
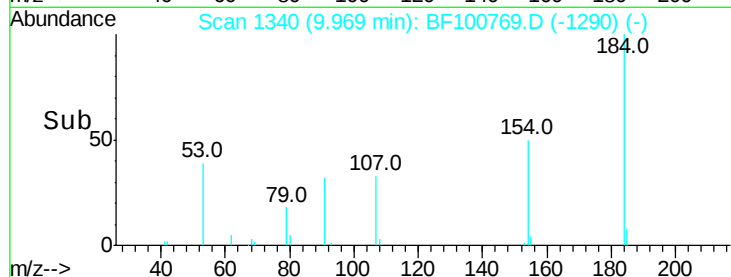
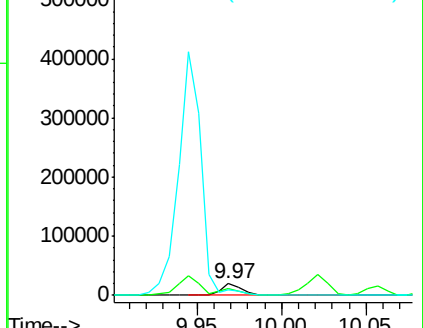
#53
 2,4-Dinitrophenol
 Concen: 29.692 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BF100769.D
 Acq: 21 Nov 2017 9:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 17845
 Ion Ratio Lower Upper
 184 100
 63 59.0 54.2 81.2
 154 52.4 184.0 276.0#

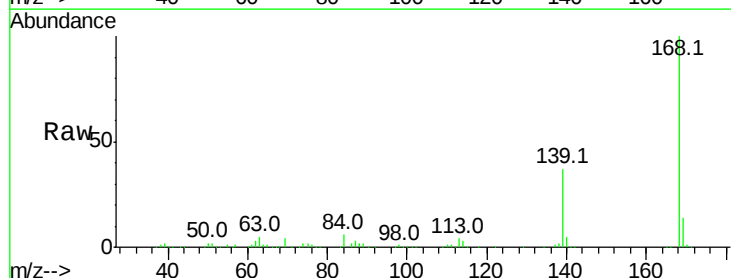


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

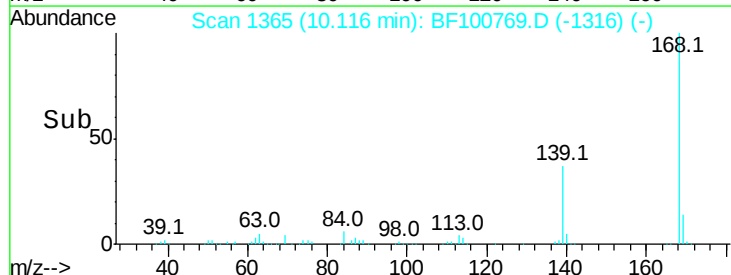
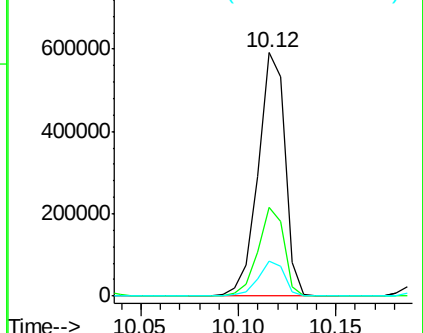


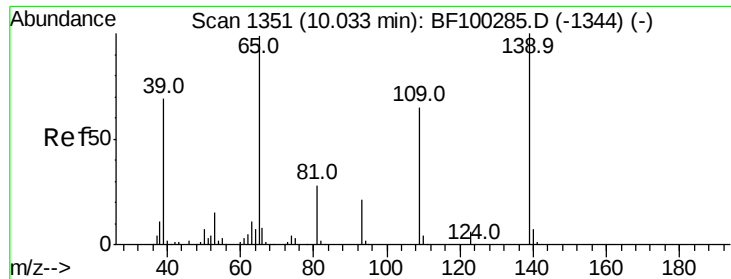
#54
 Dibenzofuran
 Concen: 43.135 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF100769.D
 Acq: 21 Nov 2017 9:41

Tgt Ion:168 Resp: 564126
 Ion Ratio Lower Upper
 168 100
 139 36.6 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

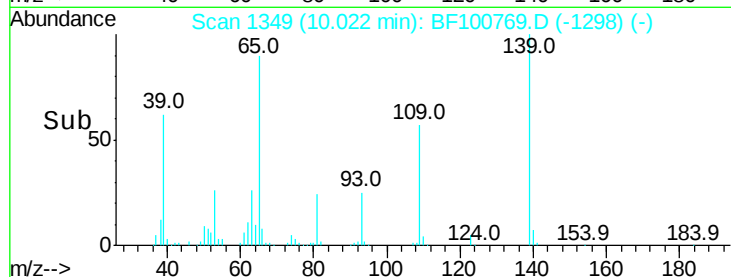
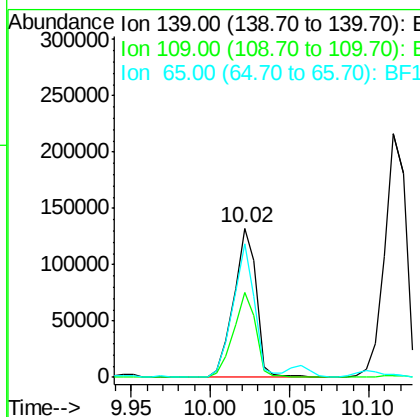
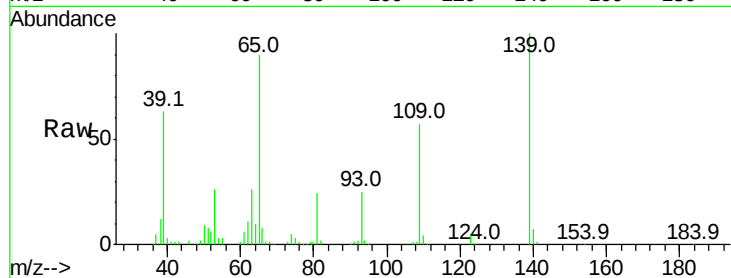




#55
4-Nitrophenol
Concen: 61.670 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

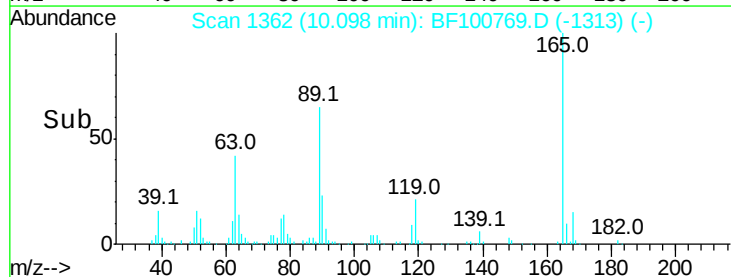
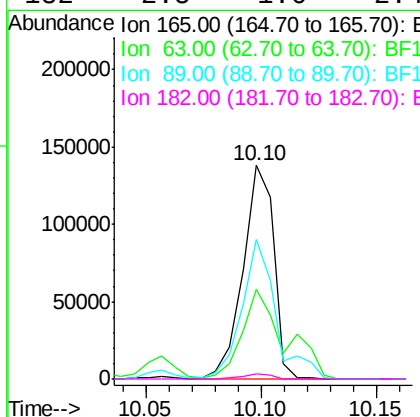
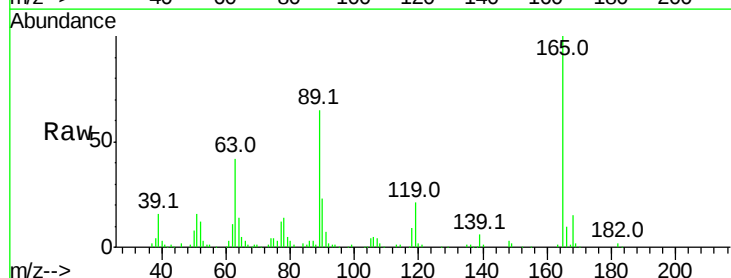
Instrument :
BNA_F
ClientSampleId :

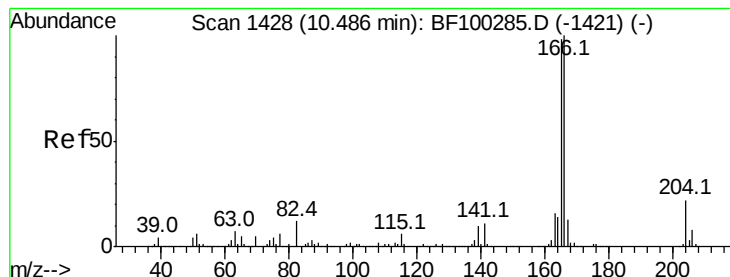
Tot Ion	Ratio	Lower	Upper
139	100		
109	57.2	48.4	88.4
65	89.7	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 45.670 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.1	36.4	54.6
89	65.3	57.8	86.6
182	2.5	1.6	2.4#





#57

Fluorene

Concen: 43.540 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF100769.D

Acq: 21 Nov 2017 9:41

Instrument :

BNA_F

ClientSampleId :

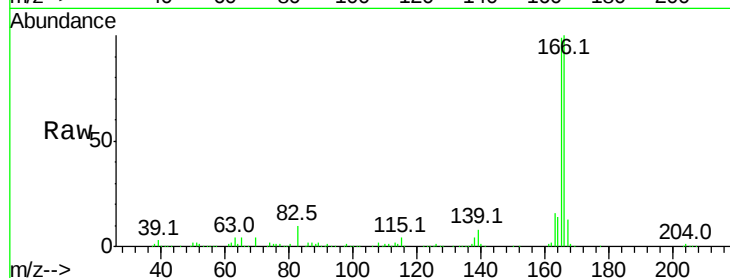
Tot Ion:166 Resp: 417147

Ion Ratio Lower Upper

166 100

165 98.9 79.8 119.8

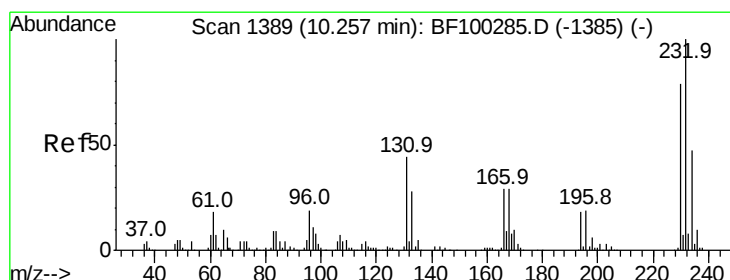
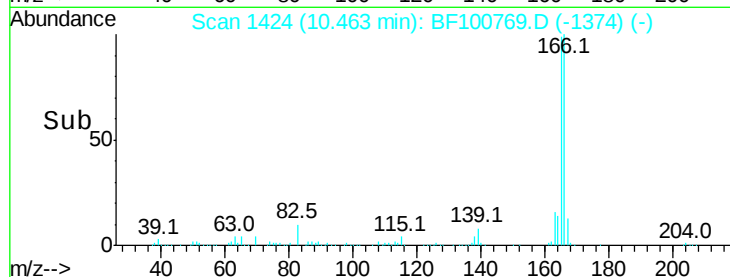
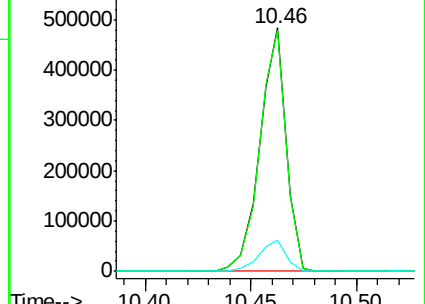
167 13.0 10.6 16.0



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: 42.751 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BF100769.D

Acq: 21 Nov 2017 9:41

Tgt Ion:232 Resp: 112588

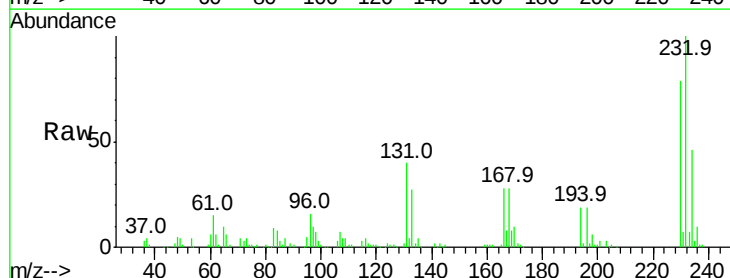
Ion Ratio Lower Upper

232 100

131 39.1 43.8 65.8#

130 1.6 2.1 3.1#

166 27.7 27.8 41.6#

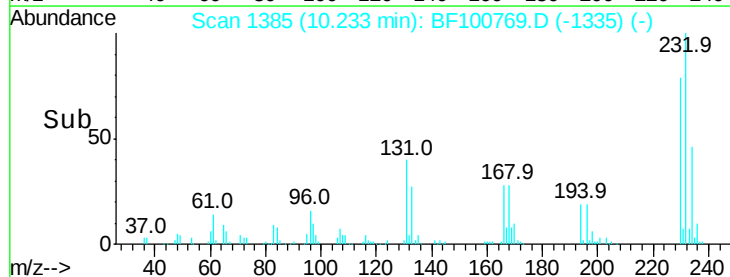
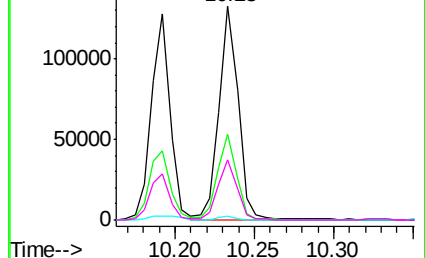


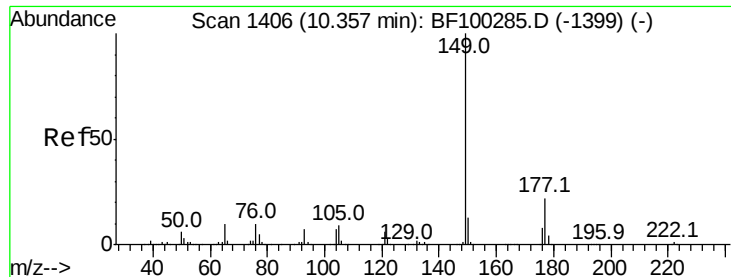
Abundance Ion 232.00 (231.70 to 232.70): E

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

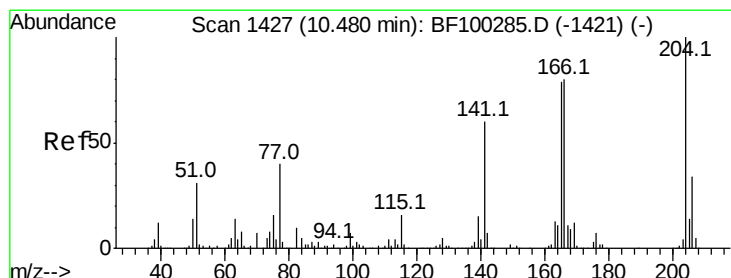
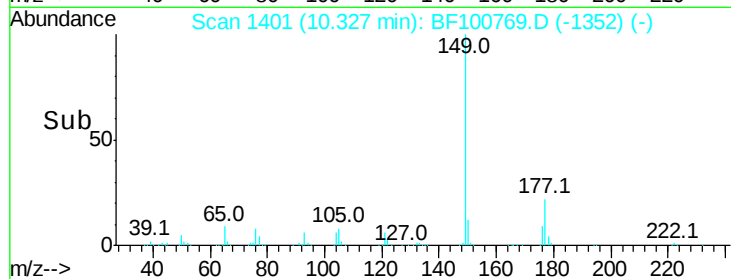
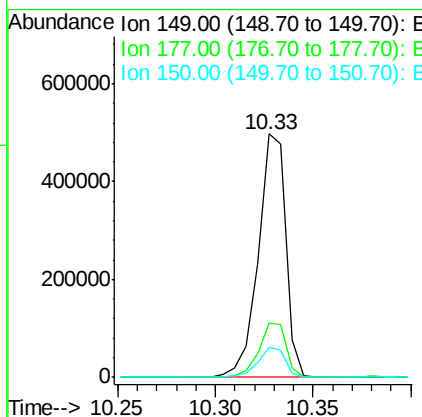
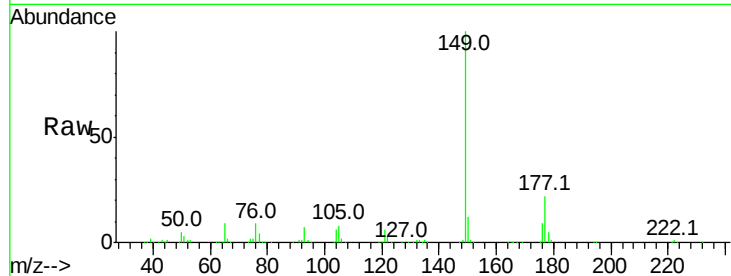




#59
Diethylphthalate
Concen: 43.055 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

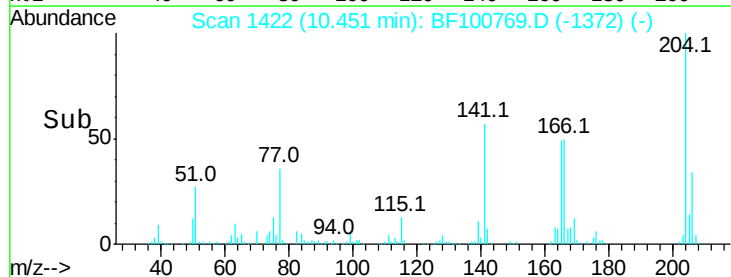
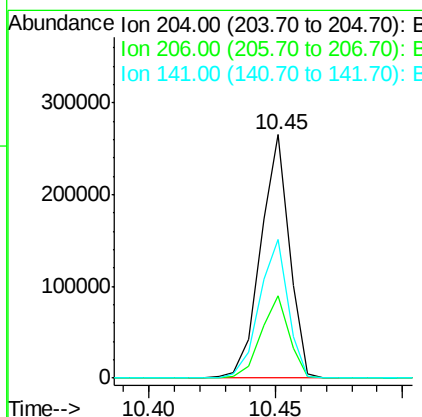
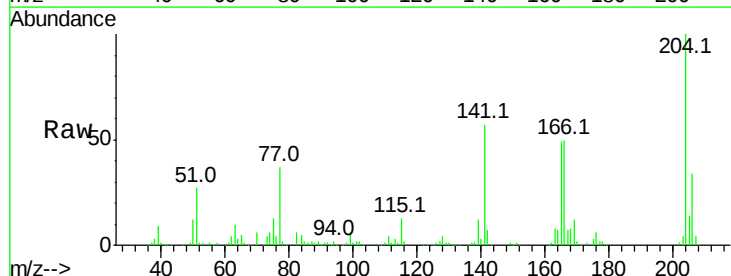
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.4	16.1	24.1
150	12.4	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 44.686 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.5	39.7
141	57.2	54.6	81.8

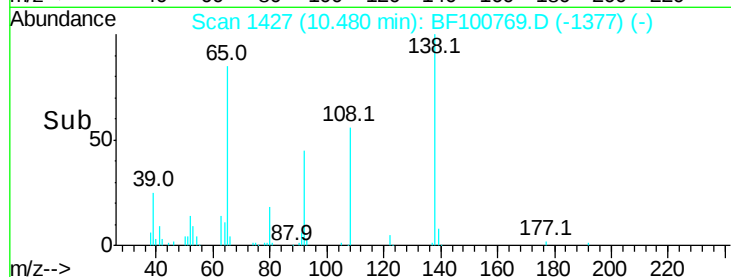
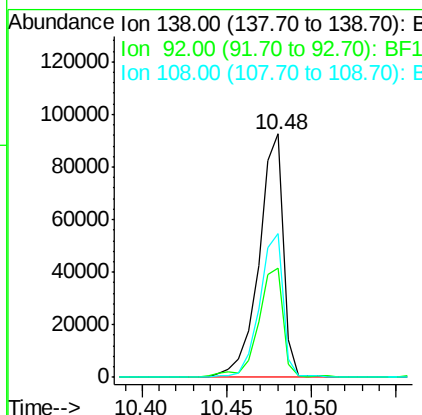
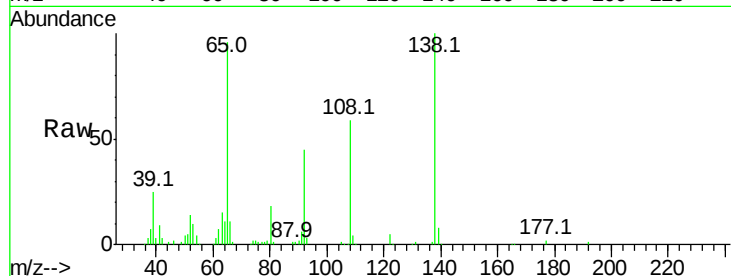




#61
4-Nitroaniline
Concen: 37.129 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

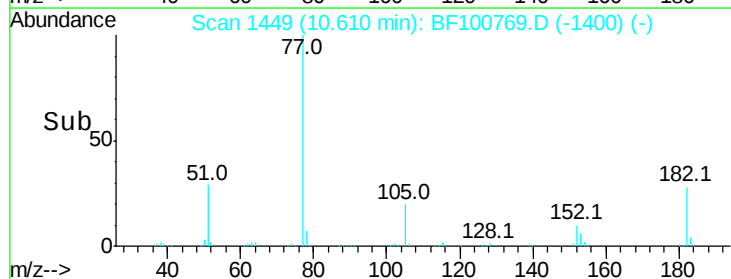
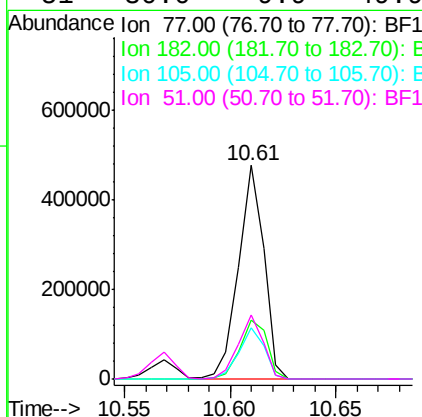
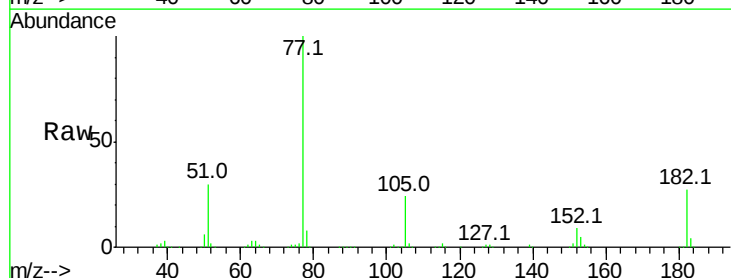
Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 92709
Ion Ratio Lower Upper
138 100
92 44.7 30.2 70.2
108 59.1 52.5 92.5



#62
Azobenzene
Concen: 37.248 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

Tgt Ion: 77 Resp: 395502
Ion Ratio Lower Upper
77 100
182 27.5 1.7 41.7
105 23.7 3.0 43.0
51 30.0 9.9 49.9

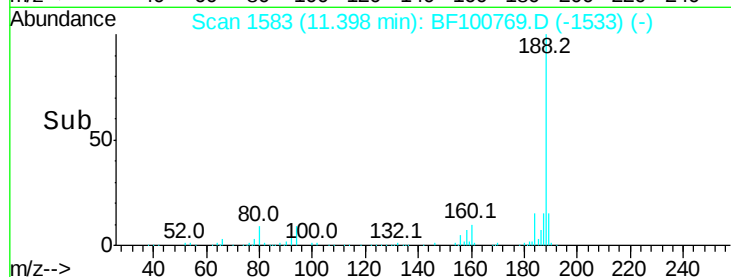
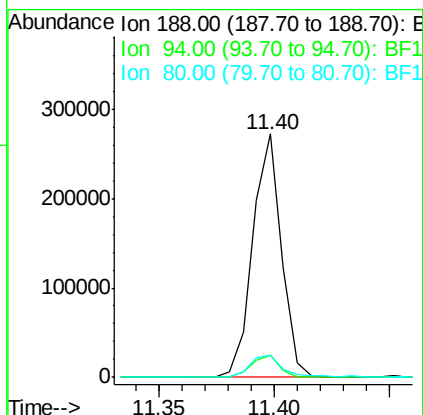
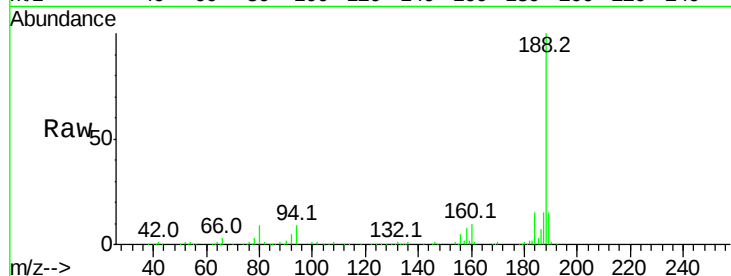




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF100769.D
 Acq: 21 Nov 2017 9:41

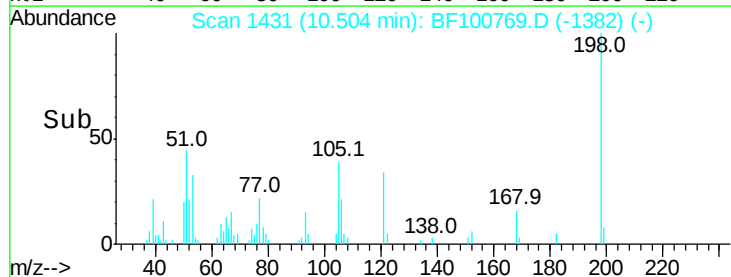
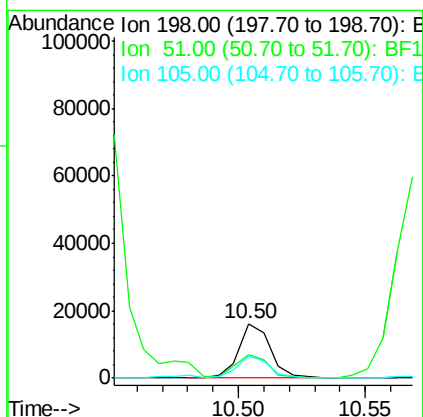
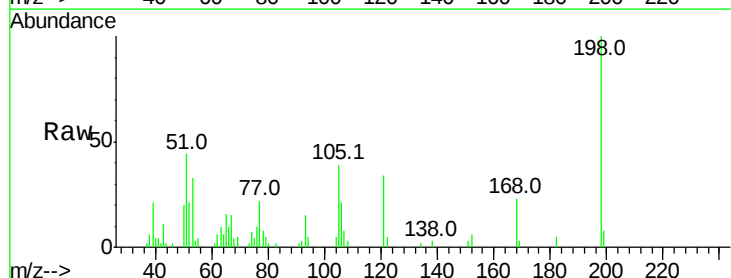
Instrument :
 BNA_F
 ClientSampleId :

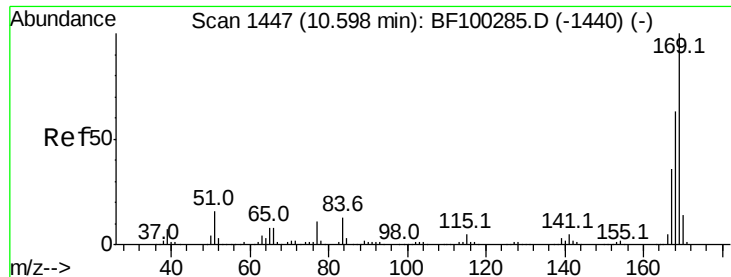
Tot Ion:188 Resp: 235955
 Ion Ratio Lower Upper
 188 100
 94 9.0 8.5 12.7
 80 8.9 9.2 13.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 18.104 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF100769.D
 Acq: 21 Nov 2017 9:41

Tgt Ion:198 Resp: 13828
 Ion Ratio Lower Upper
 198 100
 51 43.6 37.7 77.7
 105 39.4 36.3 76.3

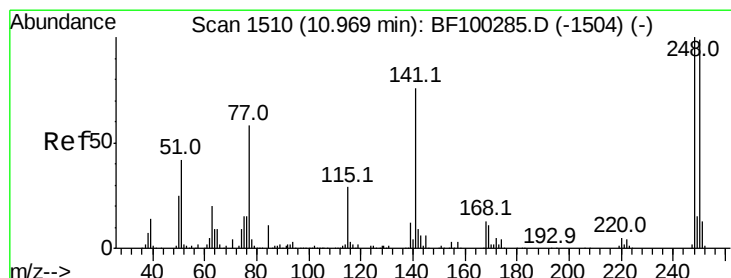
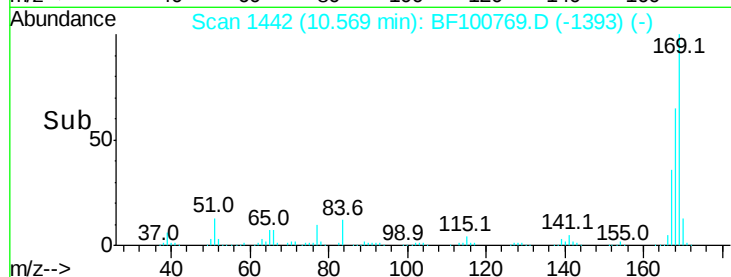
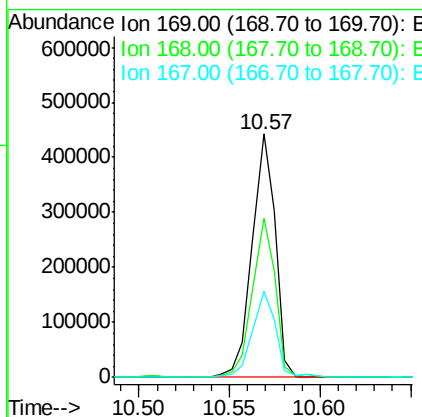
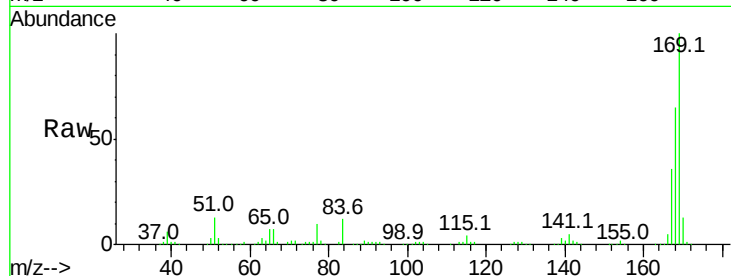




#65
 n-Nitrosodiphenylamine
 Concen: 47.916 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF100769.D
 Acq: 21 Nov 2017 9:41

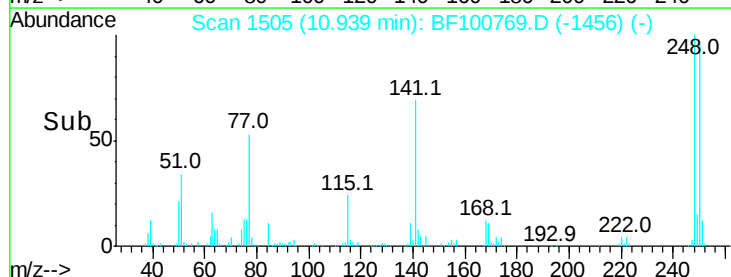
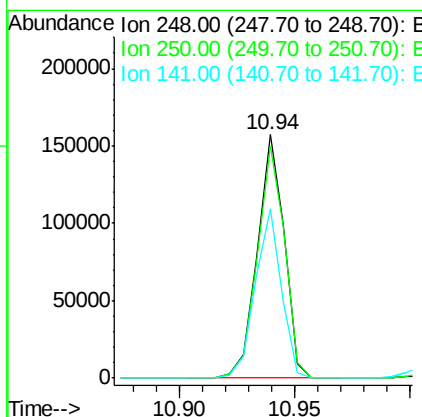
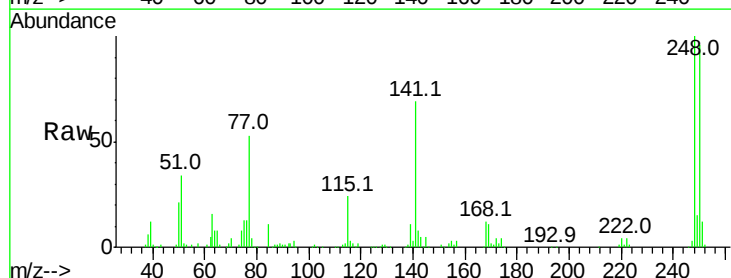
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.4	54.4	81.6
167	35.5	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 50.335 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BF100769.D
 Acq: 21 Nov 2017 9:41

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.5	76.9	115.3
141	69.4	74.4	111.6#

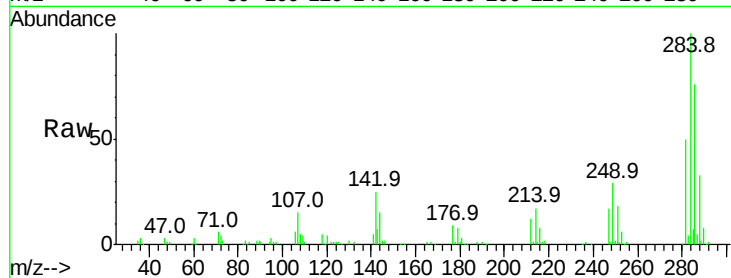




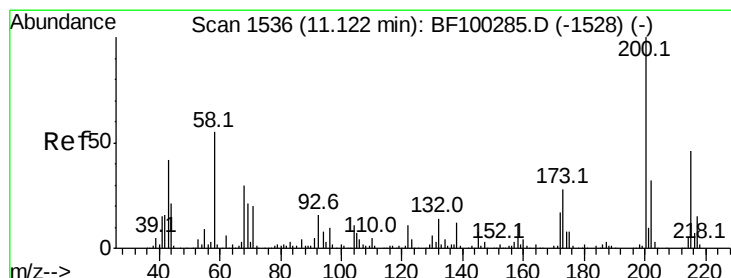
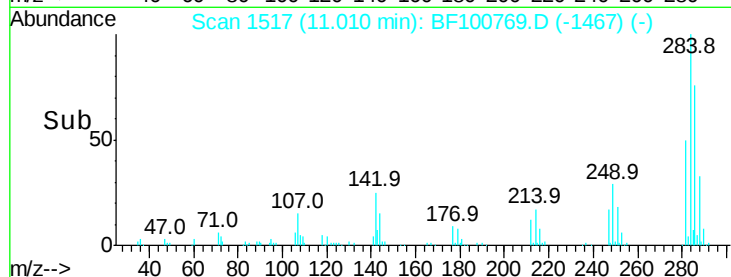
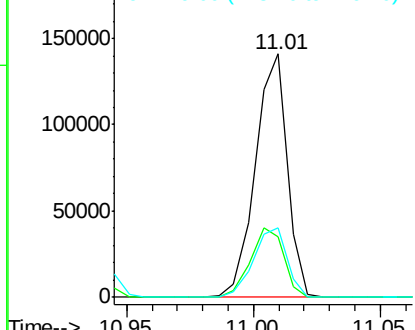
#67
Hexachlorobenzene
Concen: 46.939 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 124176
Ion Ratio Lower Upper
284 100
142 25.1 34.6 52.0#
249 28.5 24.8 37.2

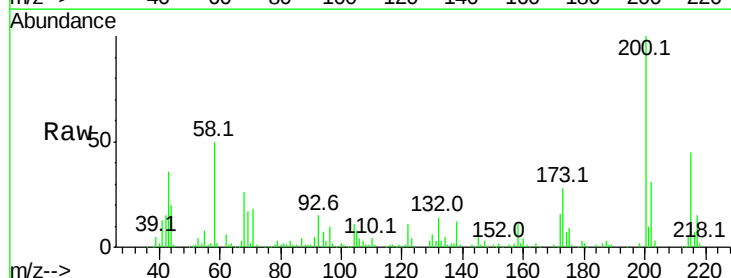


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

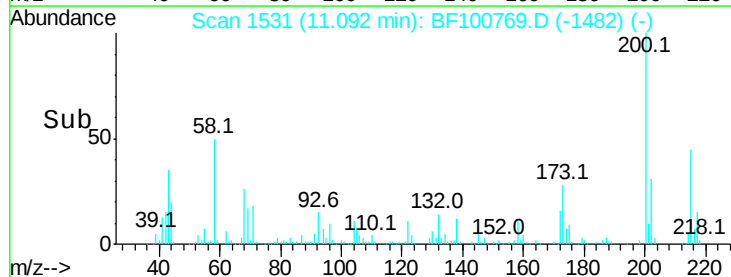
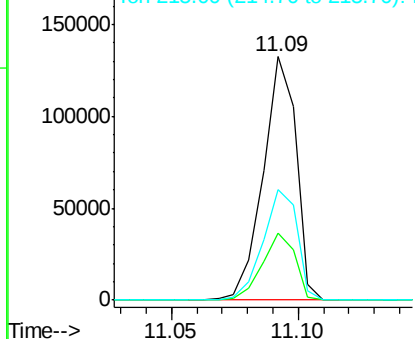


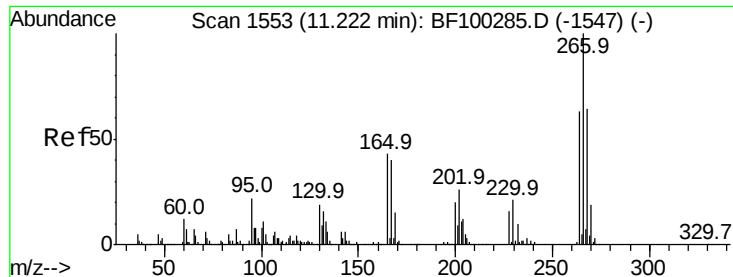
#68
Atrazine
Concen: 48.654 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

Tgt Ion:200 Resp: 120833
Ion Ratio Lower Upper
200 100
173 27.6 8.6 48.6
215 45.5 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

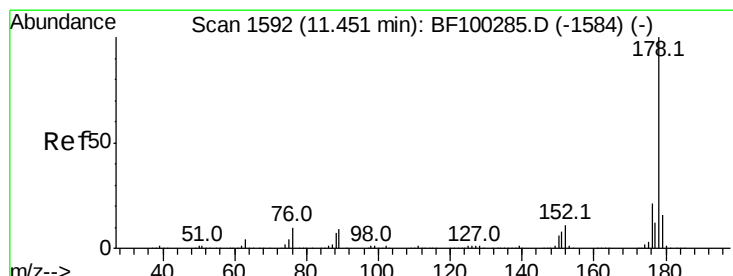
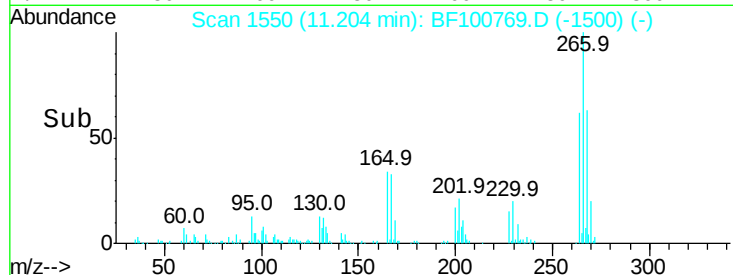
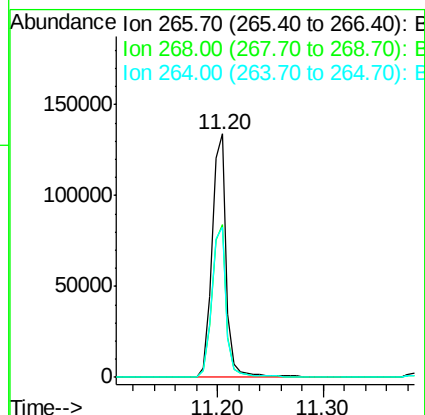
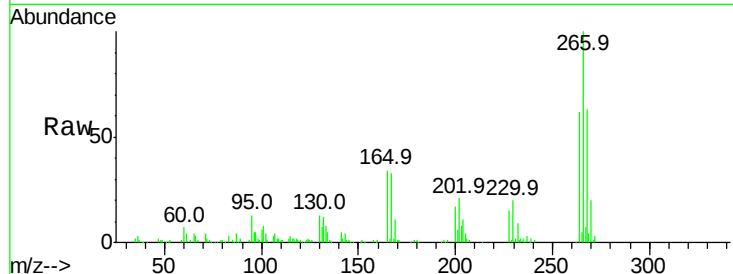




#69
 Pentachlorophenol
 Concen: 67.384 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF100769.D
 Acq: 21 Nov 2017 9:41

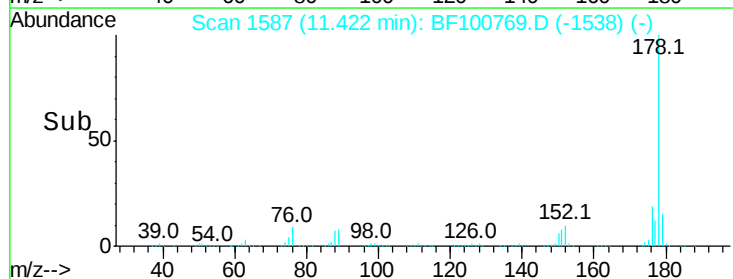
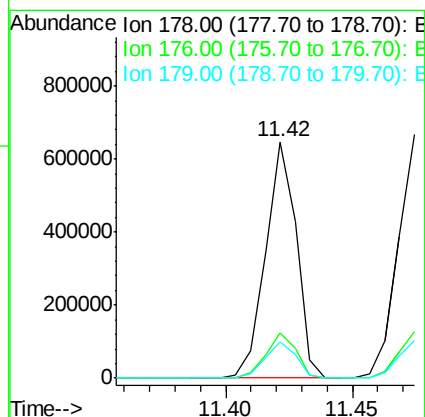
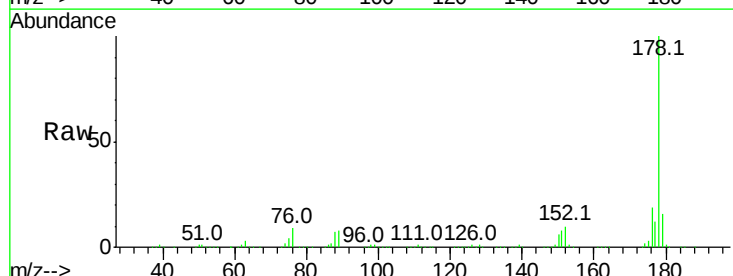
Instrument :
 BNA_F
 ClientSampleId :

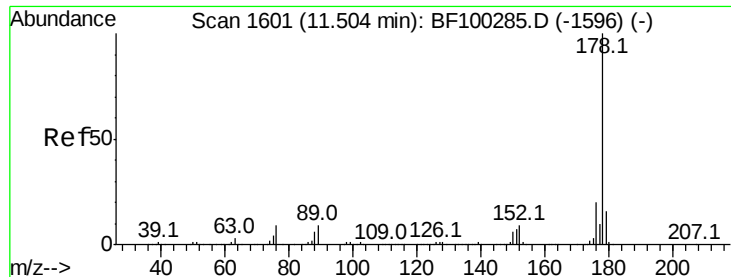
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.1	76.7
264	61.7	49.5	74.3



#70
 Phenanthrene
 Concen: 44.345 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF100769.D
 Acq: 21 Nov 2017 9:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.5	13.0	19.6

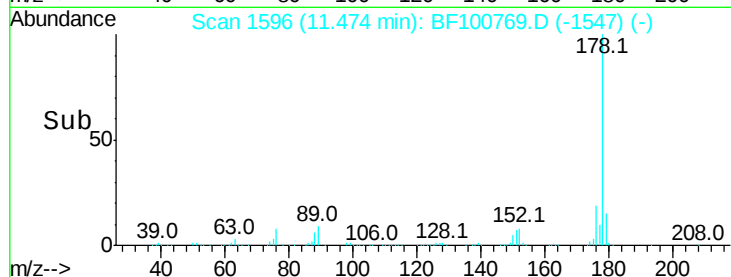
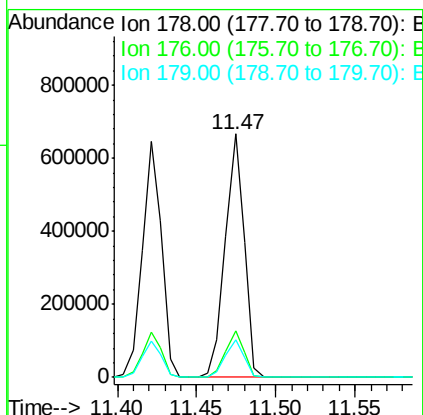
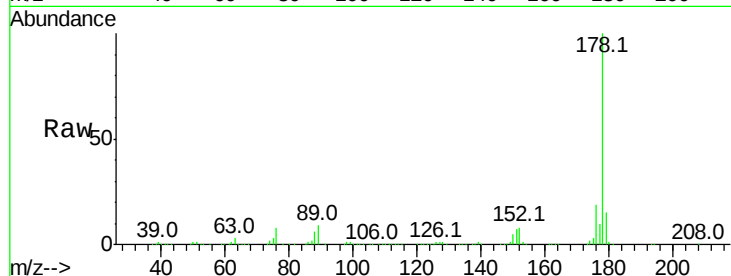




#71
 Anthracene
 Concen: 44.038 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF100769.D
 Acq: 21 Nov 2017 9:41

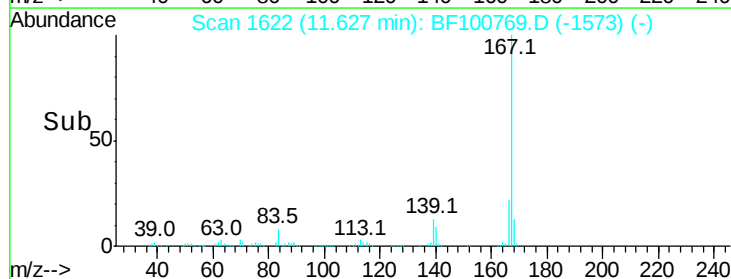
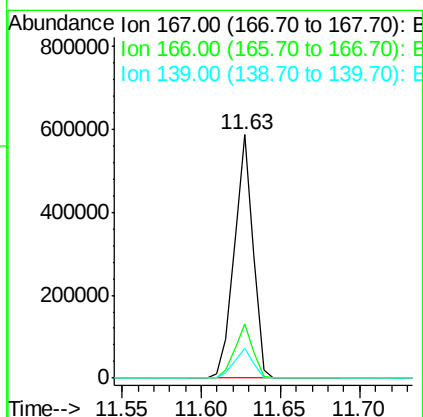
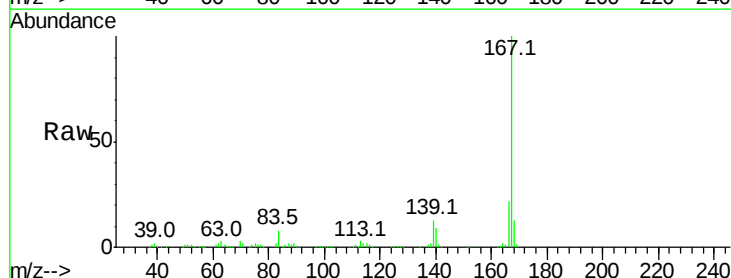
Instrument :
 BNA_F
 ClientSampleId :

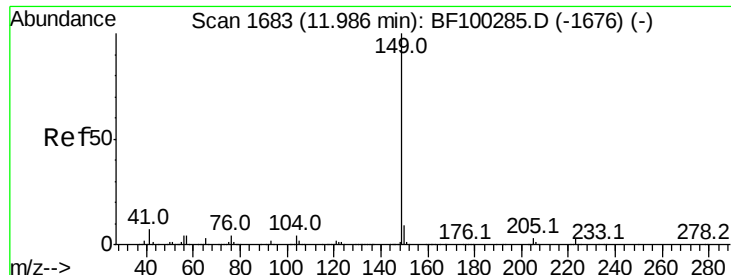
Tot Ion:178 Resp: 555060
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 41.542 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF100769.D
 Acq: 21 Nov 2017 9:41

Tgt Ion:167 Resp: 483126
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 12.5 10.9 16.3

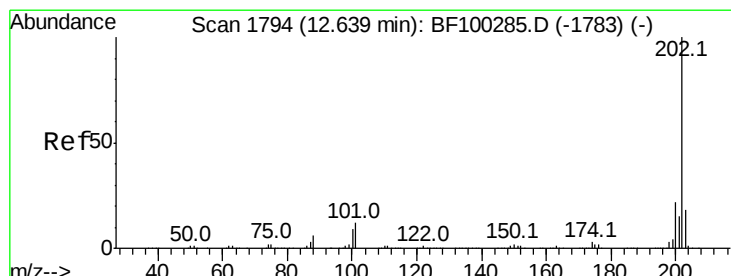
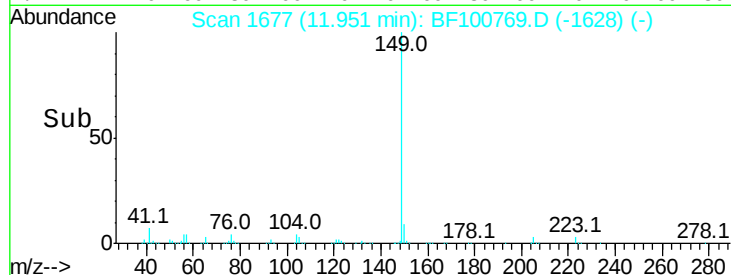
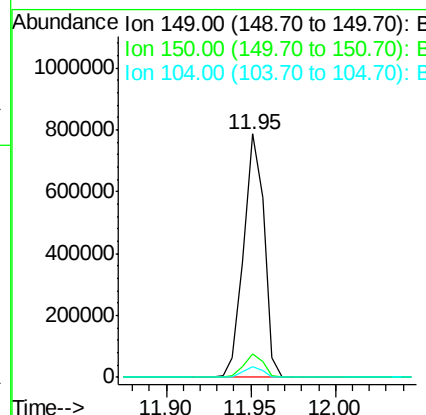
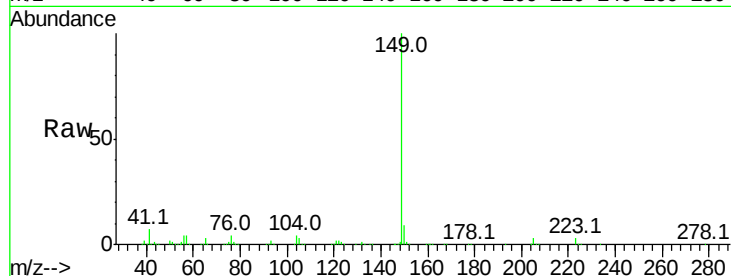




#73
Di-n-butylphthalate
Concen: 48.585 ng
RT: 11.95 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

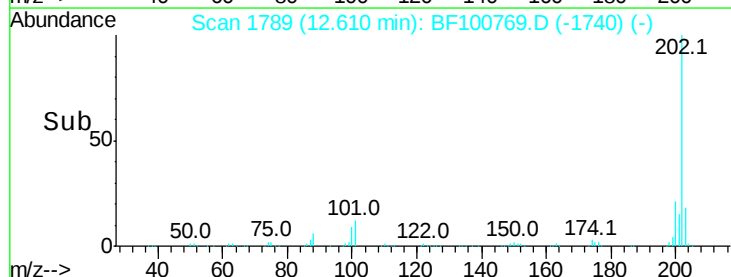
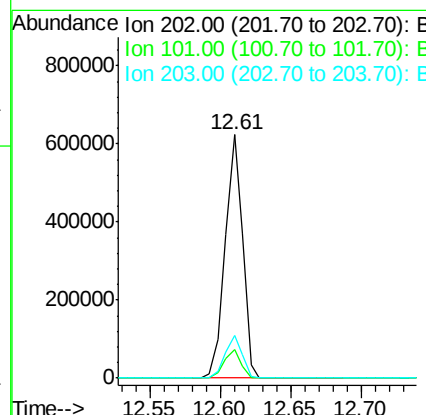
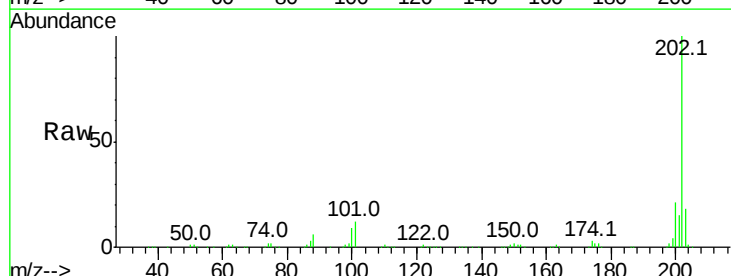
Instrument :
BNA_F
ClientSampleId :

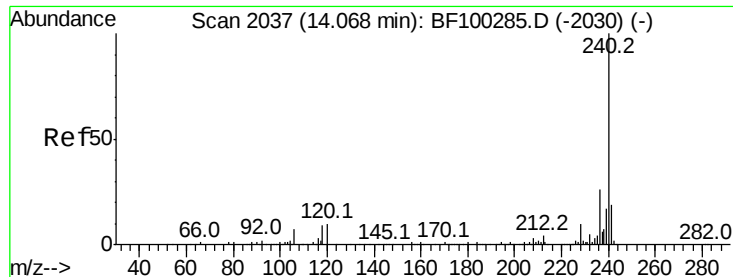
Tot Ion:149 Resp: 661229
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 4.2 3.8 5.8



#74
Fluoranthene
Concen: 40.682 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

Tgt Ion:202 Resp: 535638
Ion Ratio Lower Upper
202 100
101 11.9 0.0 34.1
203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100769.D

Acq: 21 Nov 2017 9:41

Instrument :

BNA_F

ClientSampleId :

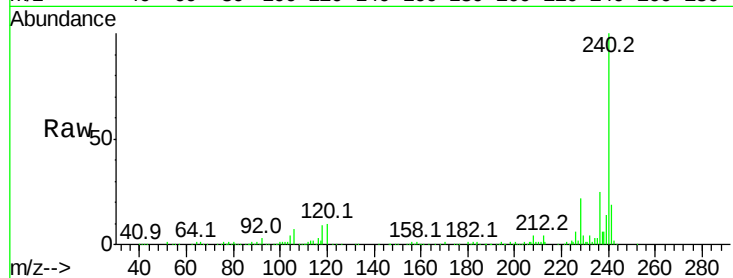
Tot Ion:240 Resp: 189603

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

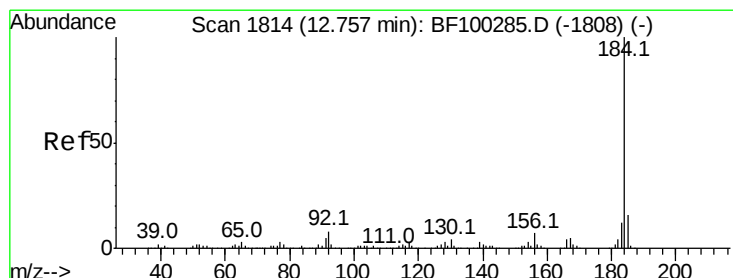
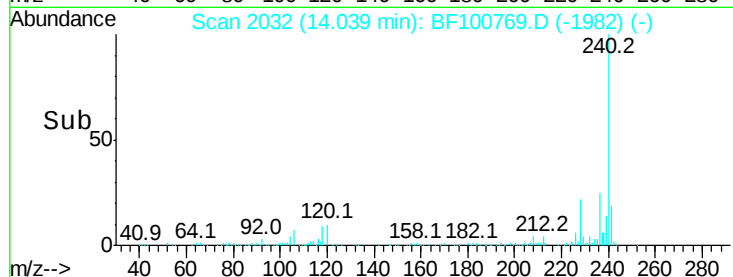
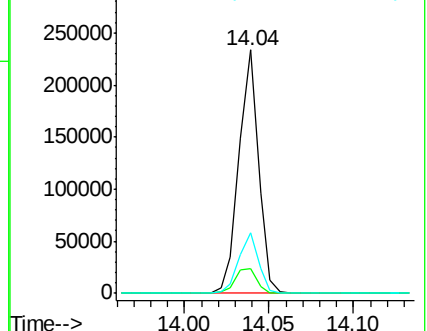
236 25.0 20.7 31.1



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: 14.849 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF100769.D

Acq: 21 Nov 2017 9:41

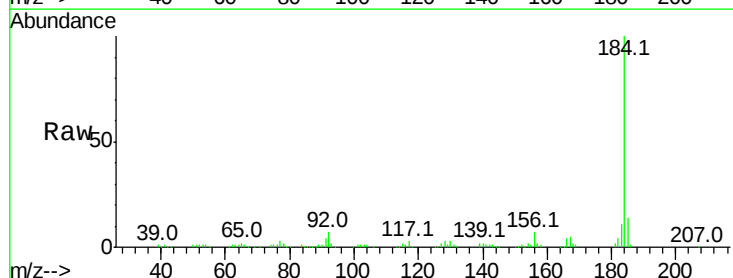
Tgt Ion:184 Resp: 112749

Ion Ratio Lower Upper

184 100

185 13.7 12.6 18.8

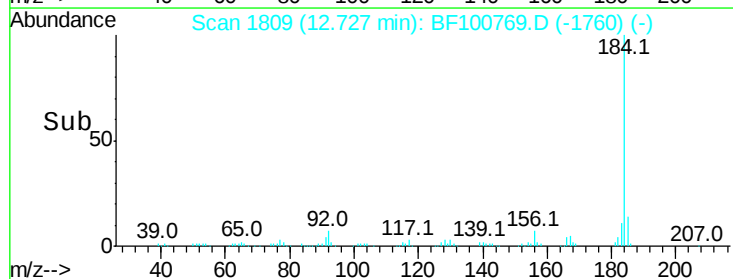
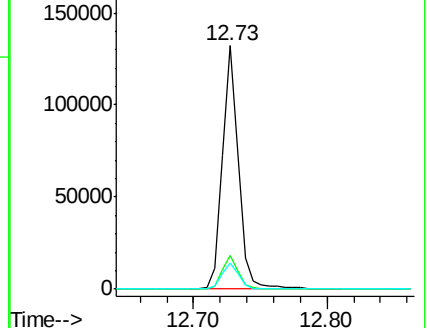
183 10.8 9.3 13.9

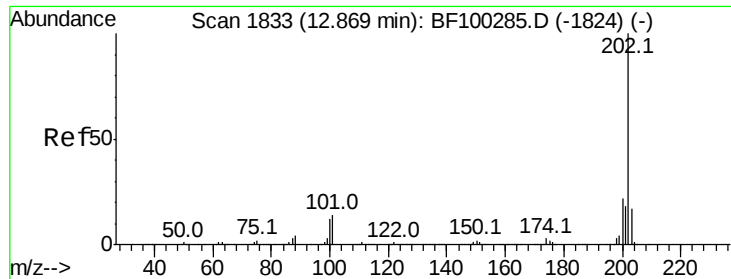


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

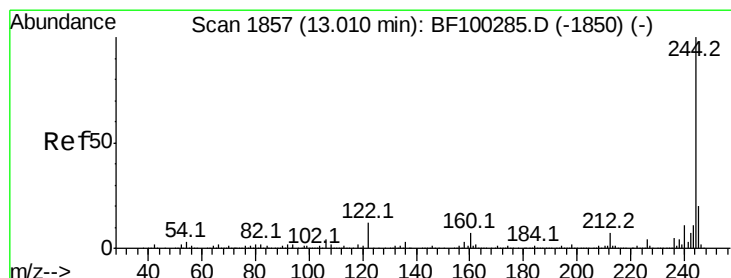
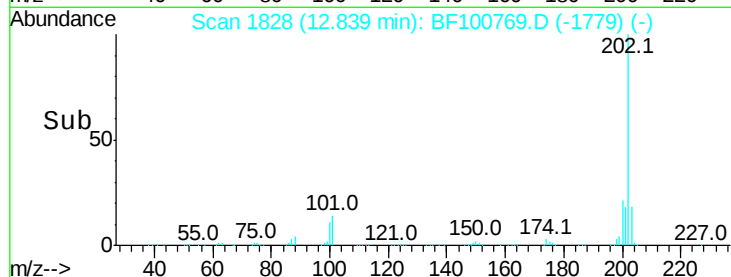
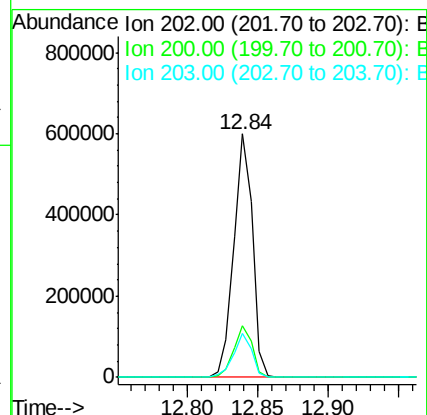
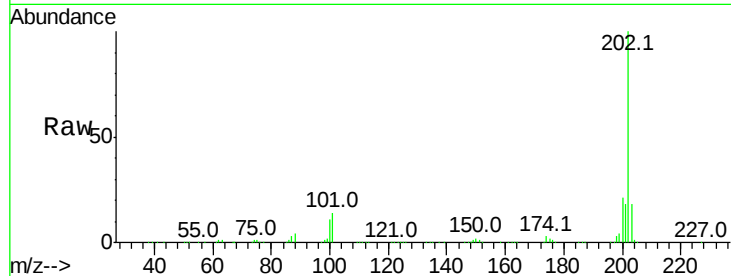




#77
Pvrene
Concen: 40.745 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

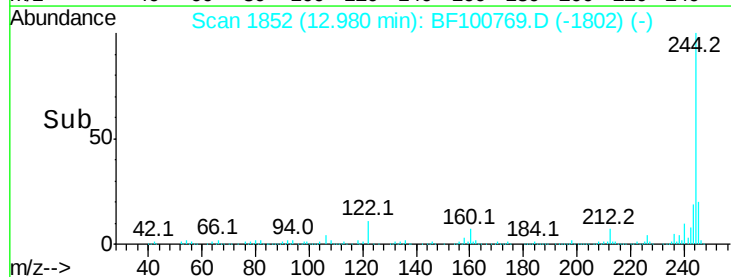
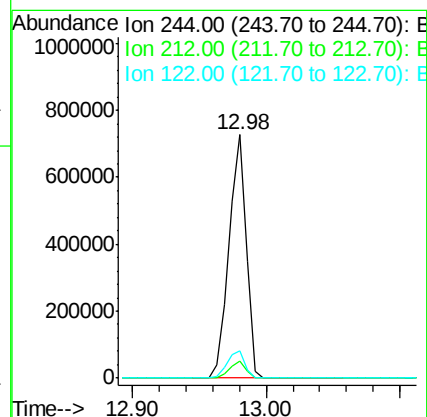
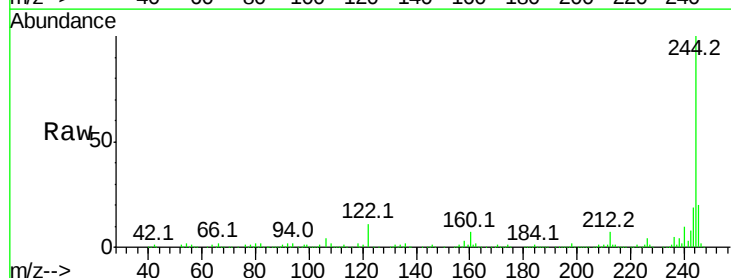
Instrument :
BNA_F
ClientSampleId :

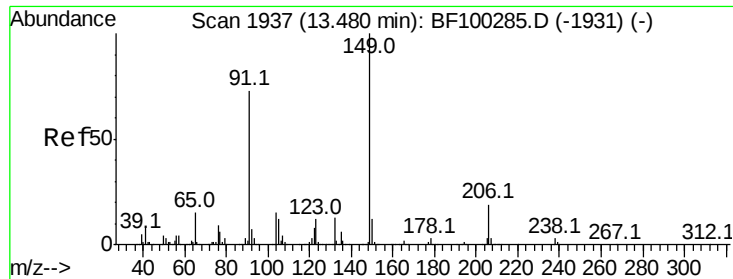
Tot Ion:202 Resp: 550691
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.8 14.3 21.5



#78
Terphenyl-d14
Concen: 81.011 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

Tgt Ion:244 Resp: 668492
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 11.1 11.0 16.4

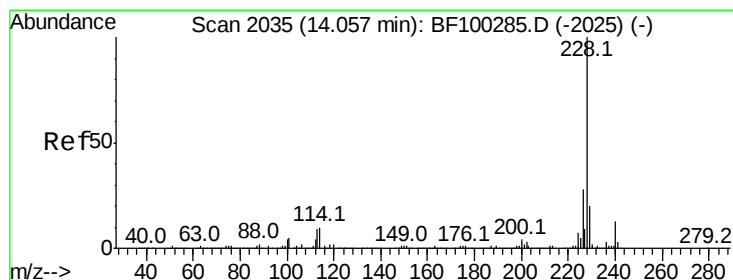
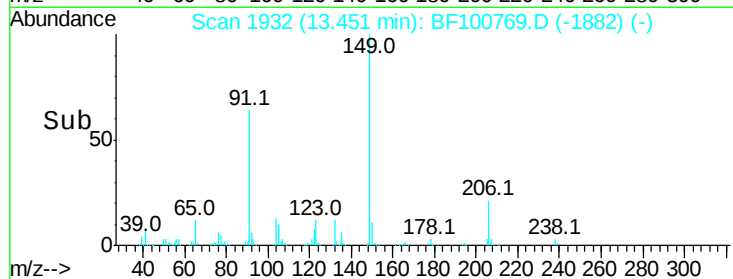
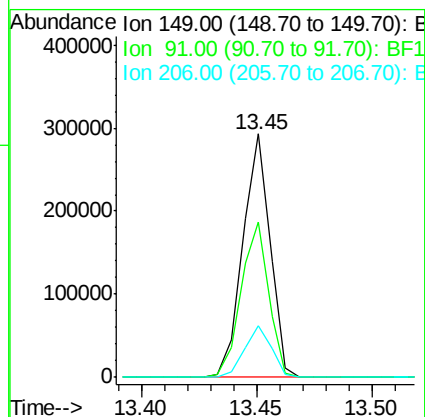
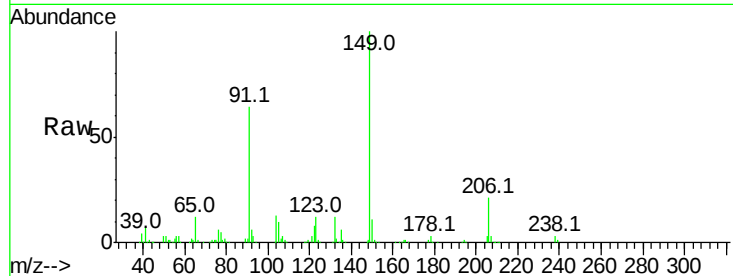




#79
Butylbenzylphthalate
Concen: 43.733 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

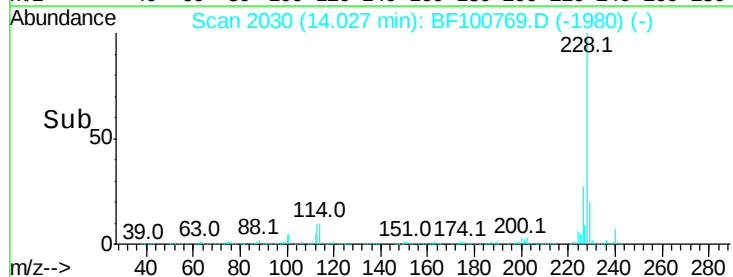
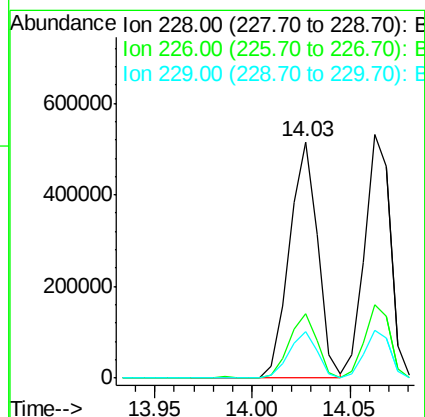
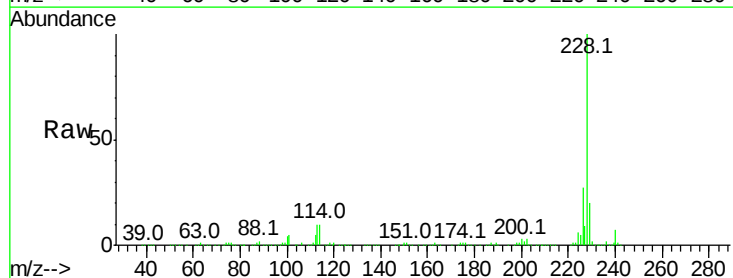
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	63.7	56.8	85.2
206	21.0	14.1	21.1



#80
Benzo(a)anthracene
Concen: 45.079 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.7	15.8	23.6

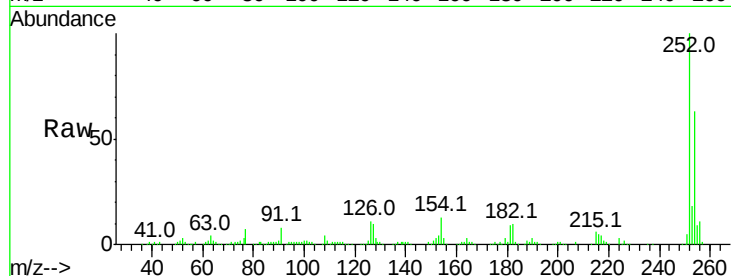




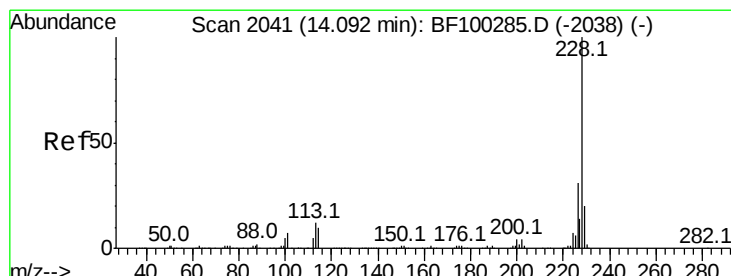
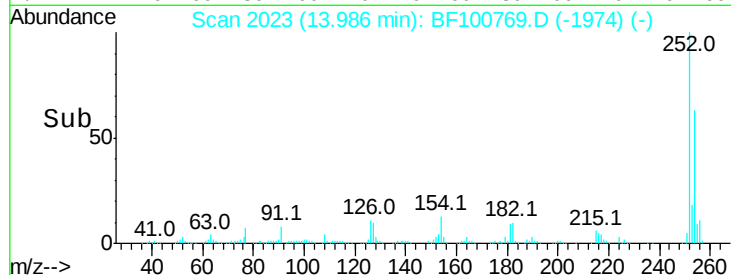
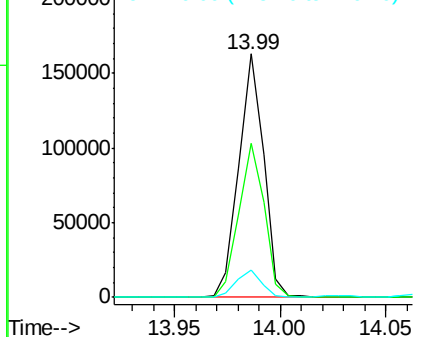
#81
 3,3'-Dichlorobenzidine
 Concen: 32.531 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF100769.D
 Acq: 21 Nov 2017 9:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 133080
 Ion Ratio Lower Upper
 252 100
 254 63.5 50.4 75.6
 126 11.5 11.3 16.9

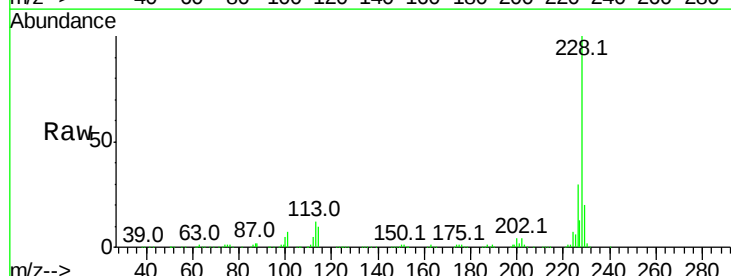


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

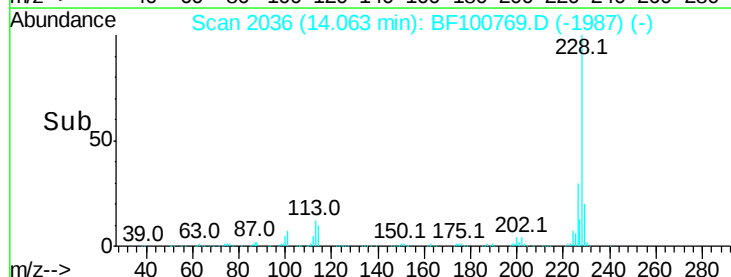
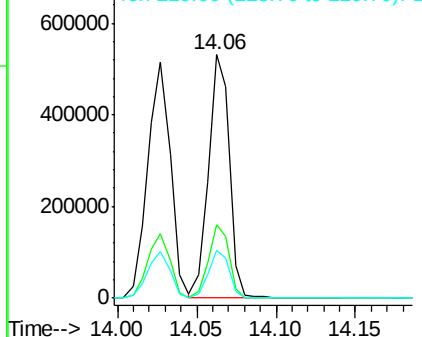


#82
 Chrysene
 Concen: 43.995 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF100769.D
 Acq: 21 Nov 2017 9:41

Tgt Ion:228 Resp: 486432
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.0 37.6
 229 19.6 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

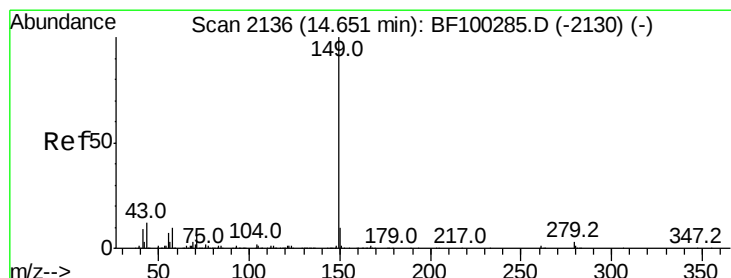
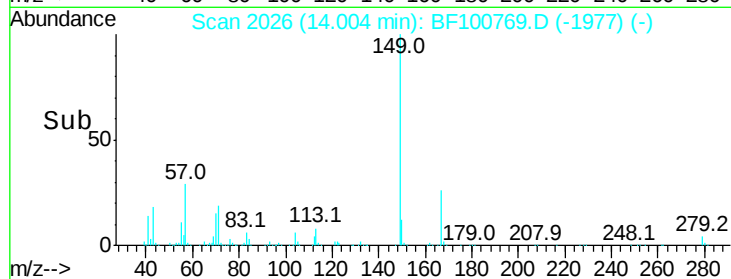
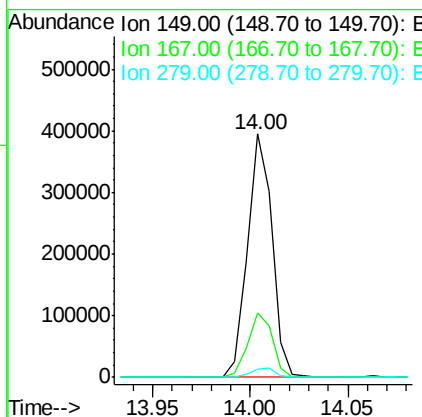
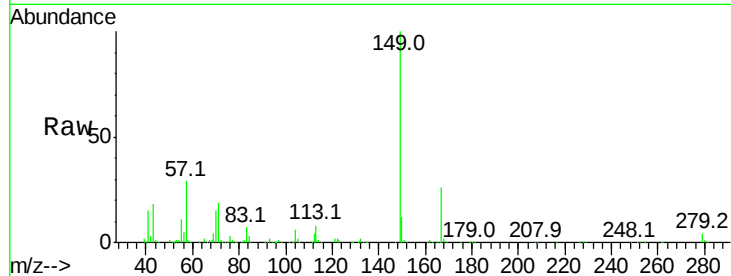




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.294 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF100769.D
 Acq: 21 Nov 2017 9:41

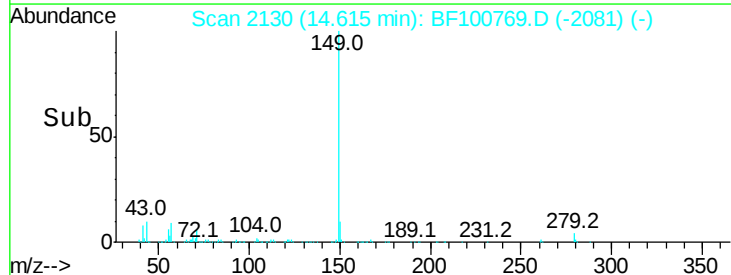
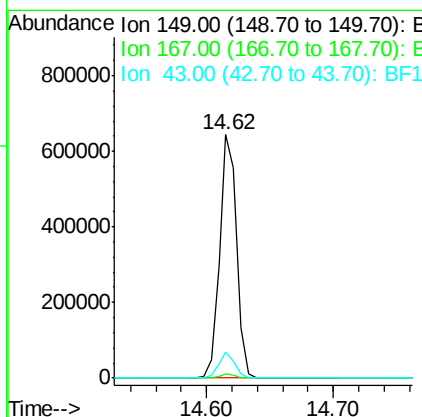
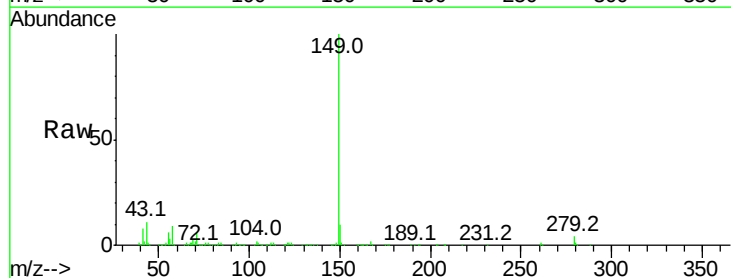
Instrument :
 BNA_F
 ClientSampleId :

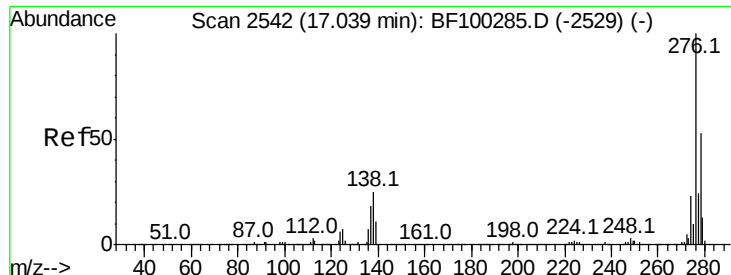
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	3.6	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 48.461 ng
 RT: 14.62 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BF100769.D
 Acq: 21 Nov 2017 9:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.8	8.4	12.6

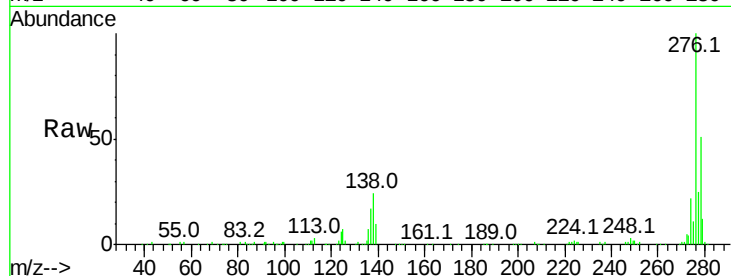




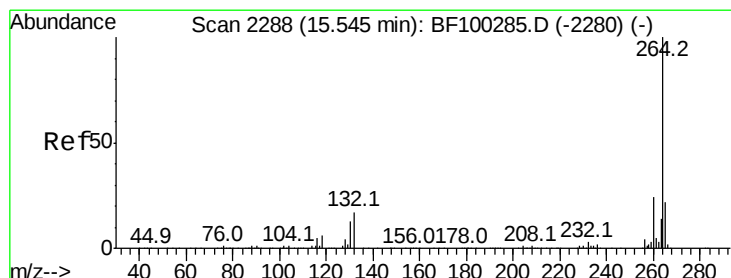
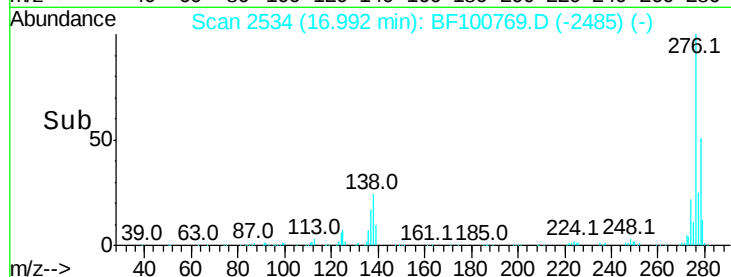
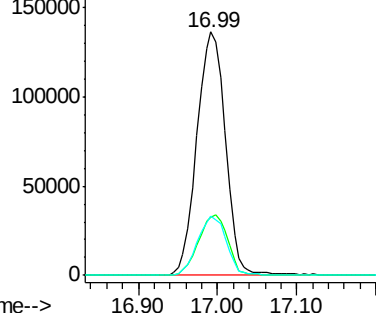
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.087 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 340621
Ion Ratio Lower Upper
276 100
138 25.6 25.0 37.6
277 24.8 20.1 30.1

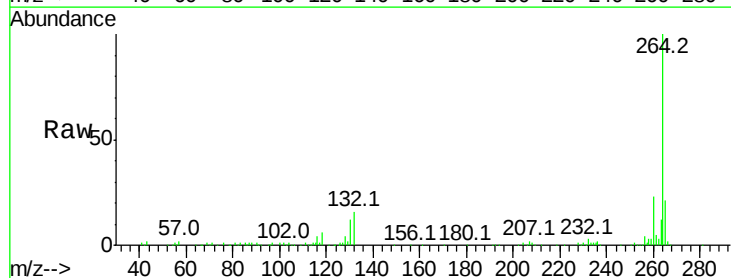


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

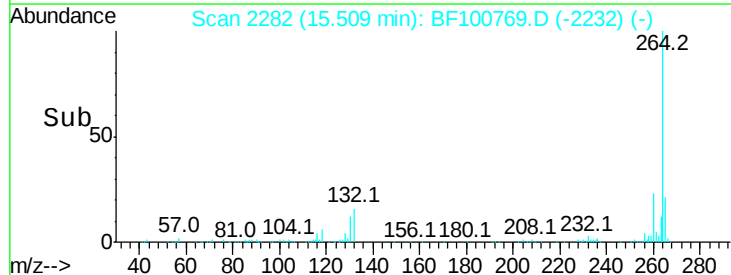
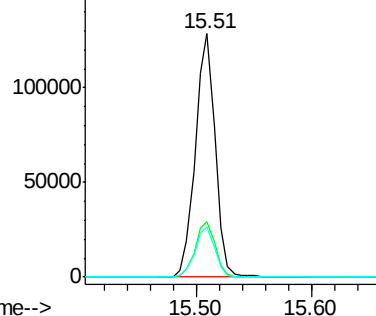


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

Tgt Ion:264 Resp: 152750
Ion Ratio Lower Upper
264 100
260 22.7 19.2 28.8
265 20.9 17.5 26.3



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





#87

Benzo(b)fluoranthene

Concen: 46.983 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BF100769.D

Acq: 21 Nov 2017 9:41

Instrument :

BNA_F

ClientSampleId :

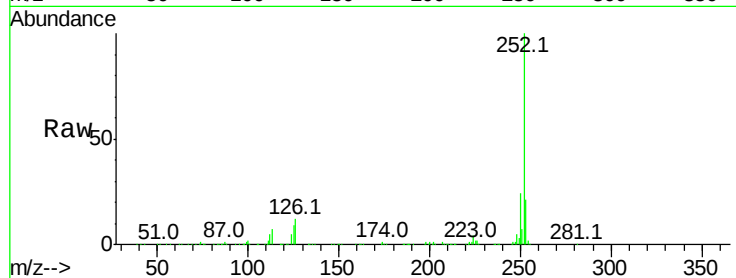
Tot Ion:252 Resp: 425182

Ion Ratio Lower Upper

252 100

253 21.3 17.0 25.6

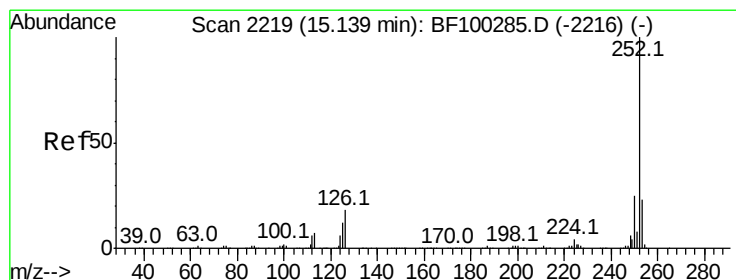
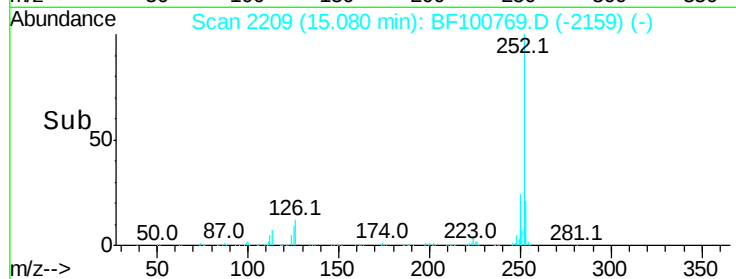
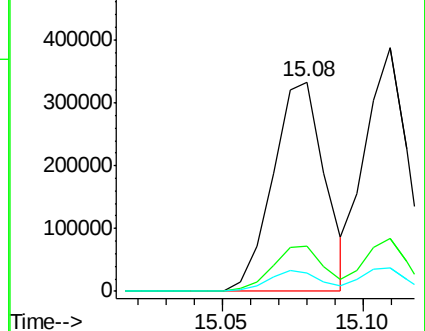
125 9.1 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 47.467 ng

RT: 15.11 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BF100769.D

Acq: 21 Nov 2017 9:41

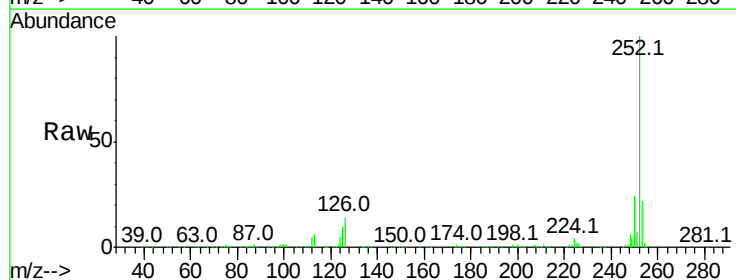
Tgt Ion:252 Resp: 405872

Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

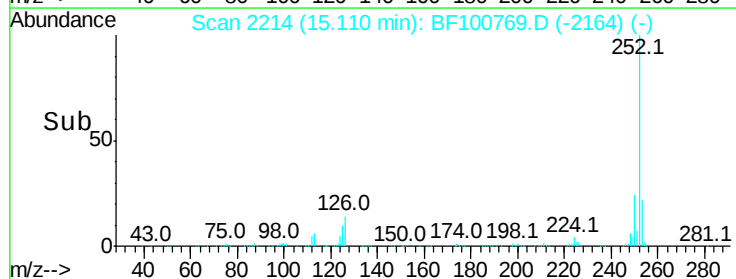
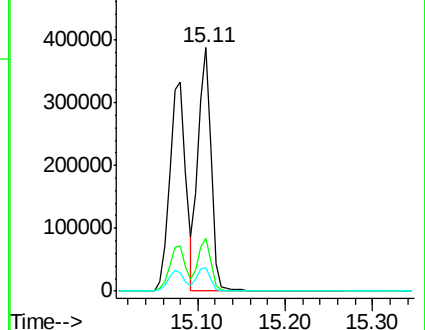
125 9.8 10.2 15.2#

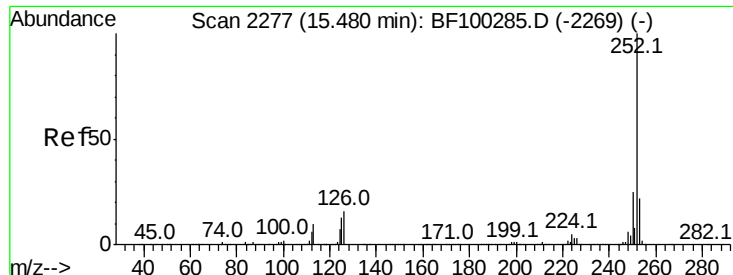


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

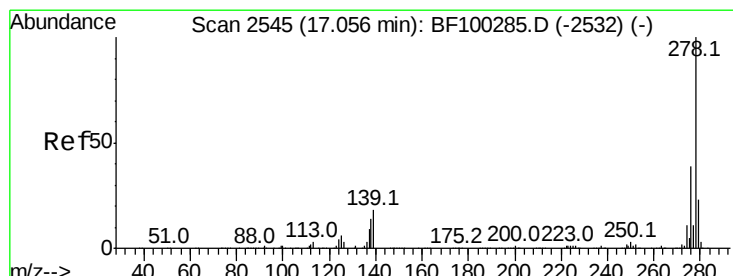
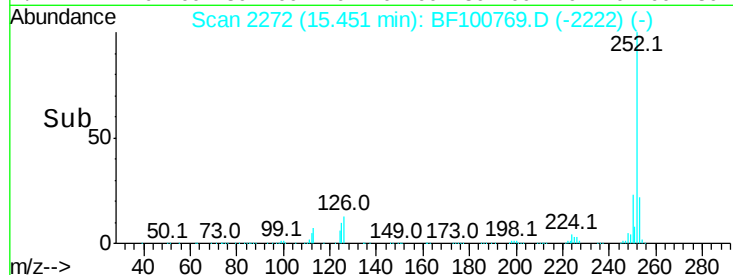
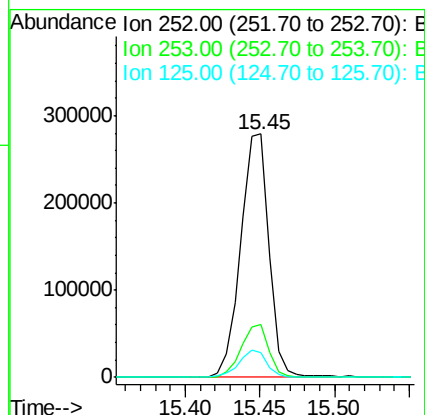
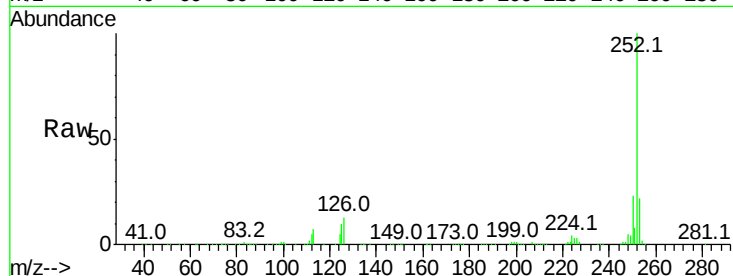




#89
Benzo(a)pyrene
Concen: 45.927 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

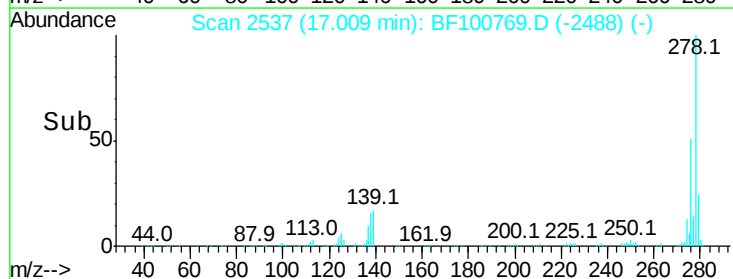
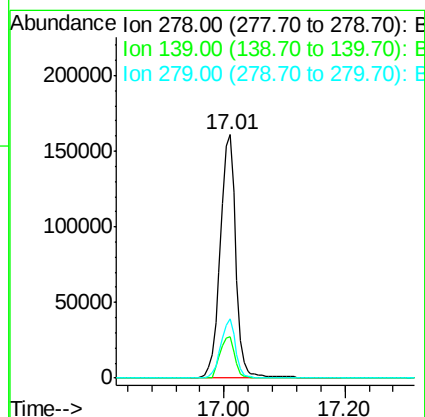
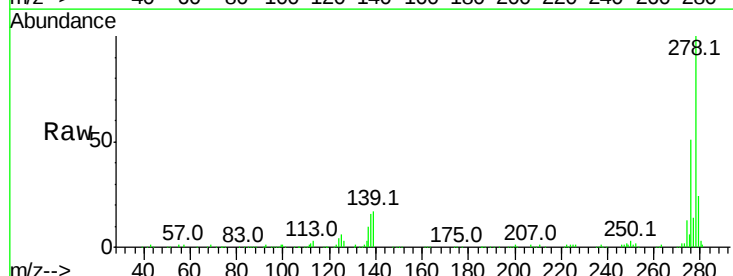
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	10.2	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 43.690 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF100769.D
Acq: 21 Nov 2017 9:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.2	15.9	23.9
279	24.3	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 42.755 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BF100769.D
 Acq: 21 Nov 2017 9:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	23.0	21.8	32.8

