

Data Path : U:\HPCHEM1\BNA F\DATA\BF013018\
 Data File : BF102633.D
 Acq On : 30 Jan 2018 12:26
 Operator : SJ/JU
 Sample : PB103136BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 22:14:49 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	147298	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	627853	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	283839	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	506412	20.00	ng	0.00
75) Chrysene-d12	13.88	240	413161	20.00	ng	0.00
86) Perylene-d12	15.30	264	378189	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1151954	118.58	ng	0.01
7) Phenol-d6	6.37	99	1383287	118.11	ng	0.00
23) Nitrobenzene-d5	7.29	82	869079	79.55	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	292734	104.09	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1533277	79.43	ng	0.00
78) Terphenyl-d14	12.82	244	1471032	80.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	183807	39.822	ng	98
3) Pyridine	3.15	79	491875	40.778	ng	95
4) n-Nitrosodimethylamine	3.11	42	236775	50.070	ng	100
6) Aniline	6.38	93	204740	13.217	ng	# 1
8) 2-Chlorophenol	6.50	128	448116	44.004	ng	99
9) Benzaldehyde	6.26	77	209702	29.622	ng	95
10) Phenol	6.38	94	522799	40.888	ng	88
11) bis(2-Chloroethyl)ether	6.45	93	419477	43.135	ng	95
12) 1,3-Dichlorobenzene	6.65	146	475656	39.274	ng	99
13) 1,4-Dichlorobenzene	6.73	146	473096	38.996	ng	99
14) 1,2-Dichlorobenzene	6.88	146	435004	39.200	ng	99
15) Benzyl Alcohol	6.87	79	332699	40.261	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	639153	39.188	ng	# 26
17) 2-Methylphenol	6.99	107	364187	41.178	ng	# 89
18) Hexachloroethane	7.22	117	172644	40.837	ng	96
19) n-Nitroso-di-n-propylamine	7.13	70	300694	41.954	ng	97
20) 3+4-Methylphenols	7.14	107	487051	46.824	ng	98
22) Acetophenone	7.13	105	619324	41.379	ng	98
24) Nitrobenzene	7.30	77	458798	41.034	ng	94
25) Isophorone	7.54	82	836546	42.950	ng	99
26) 2-Nitrophenol	7.62	139	253592	43.094	ng	98
27) 2,4-Dimethylphenol	7.66	122	403772	47.254	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	532501	44.257	ng	99
29) 2,4-Dichlorophenol	7.86	162	381737	43.858	ng	99
30) 1,2,4-Trichlorobenzene	7.94	180	356834	38.245	ng	98
31) Naphthalene	8.02	128	1254559	40.021	ng	99
32) Benzoic acid	7.82	122	273591	38.217	ng	96
33) 4-Chloroaniline	8.08	127	107038	8.120	ng	96
34) Hexachlorobutadiene	8.13	225	185014	37.128	ng	98
35) Caprolactam	8.46	113	85280	29.667	ng	97
36) 4-Chloro-3-methylphenol	8.57	107	404062	44.042	ng	100
37) 2-Methylnaphthalene	8.71	142	857317	41.066	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	336372	39.390	ng	99
40) Hexachlorocyclopentadiene	8.85	237	216497	56.650	ng	95

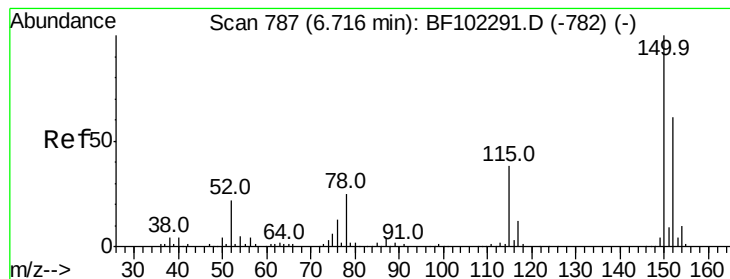
Data Path : U:\HPCHEM1\BNA F\DATA\BF013018\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	232421	40.657	ng	99
43) 2,4,5-Trichlorophenol	9.05	196	246408	38.283	ng	96
45) 1,1'-Biphenyl	9.17	154	994153	39.171	ng	98
46) 2-Chloronaphthalene	9.20	162	773920	39.231	ng	99
47) 2-Nitroaniline	9.30	65	263009	42.763	ng	94
48) Acenaphthylene	9.62	152	1176846	38.291	ng	99
49) Dimethylphthalate	9.47	163	915727	39.032	ng	100
50) 2,6-Dinitrotoluene	9.55	165	205672	40.661	ng	87
51) Acenaphthene	9.78	154	690497	38.469	ng	99
52) 3-Nitroaniline	9.72	138	94534	15.798	ng	98
53) 2,4-Dinitrophenol	9.84	184	190103	83.590	ng	# 22
54) Dibenzofuran	9.96	168	997183	41.049	ng	97
55) 4-Nitrophenol	9.90	139	241312	61.093	ng	90
56) 2,4-Dinitrotoluene	9.96	165	249489	40.109	ng	# 84
57) Fluorene	10.30	166	817030	42.444	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	193512	42.108	ng	96
59) Diethylphthalate	10.17	149	891580	39.107	ng	98
60) 4-Chlorophenyl-phenylether	10.29	204	350221	41.964	ng	95
61) 4-Nitroaniline	10.34	138	211489	35.419	ng	91
62) Azobenzene	10.45	77	850541	40.748	ng	97
64) 4,6-Dinitro-2-methylphenol	10.37	198	129216	38.246	ng	92
65) n-Nitrosodiphenylamine	10.42	169	737493	39.677	ng	99
66) 4-Bromophenyl-phenylether	10.78	248	219130	40.196	ng	93
67) Hexachlorobenzene	10.85	284	221781	36.376	ng	99
68) Atrazine	10.95	200	234368	42.692	ng	98
69) Pentachlorophenol	11.05	266	195609	61.075	ng	98
70) Phenanthrene	11.26	178	1156281	39.183	ng	99
71) Anthracene	11.32	178	1207434	40.087	ng	99
72) Carbazole	11.47	167	1174220	39.960	ng	99
73) Di-n-butylphthalate	11.79	149	1426504	38.837	ng	99
74) Fluoranthene	12.45	202	1236155	41.078	ng	98
76) Benzidine	12.57	184	287999	20.750	ng	99
77) Pyrene	12.68	202	1245683	38.996	ng	100
79) Butylbenzylphthalate	13.29	149	646186	40.648	ng	100
80) Benzo(a)anthracene	13.87	228	1092065	42.932	ng	100
81) 3,3'-Dichlorobenzidine	13.83	252	223389	23.940	ng	96
82) Chrysene	13.91	228	1032666	39.978	ng	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	866739	40.570	ng	100
84) Di-n-octyl phthalate	14.46	149	1449896	41.732	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.72	276	807694	37.861	ng	97
87) Benzo(b)fluoranthene	14.90	252	1019797	41.603	ng	97
88) Benzo(k)fluoranthene	14.93	252	895620	38.673	ng	99
89) Benzo(a)pyrene	15.25	252	910559	41.188	ng	# 97
90) Dibenzo(a,h)anthracene	16.73	278	666997	37.246	ng	99
91) Benzo(g,h,i)perylene	17.14	276	675436	38.199	ng	97

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

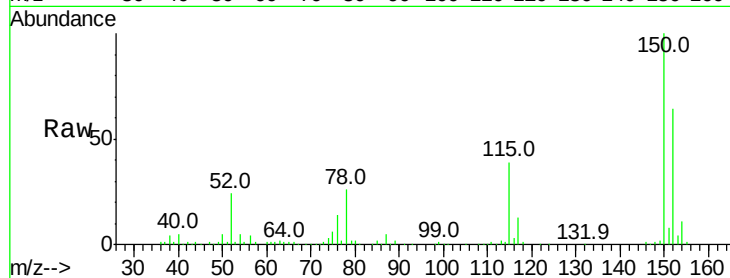


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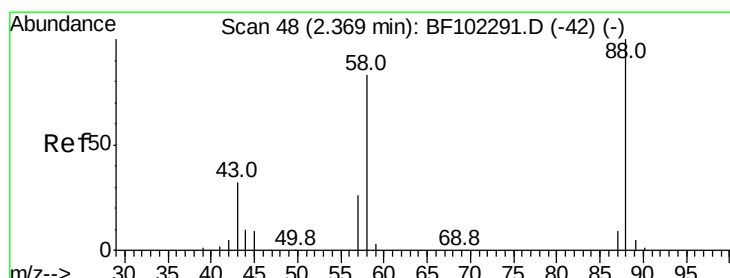
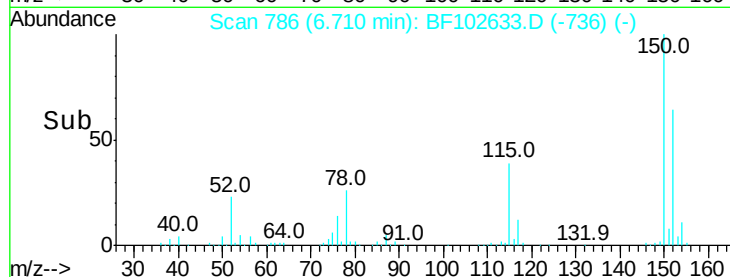
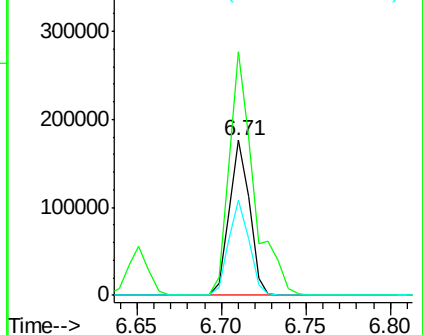
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 147298
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 61.6 50.1 75.1



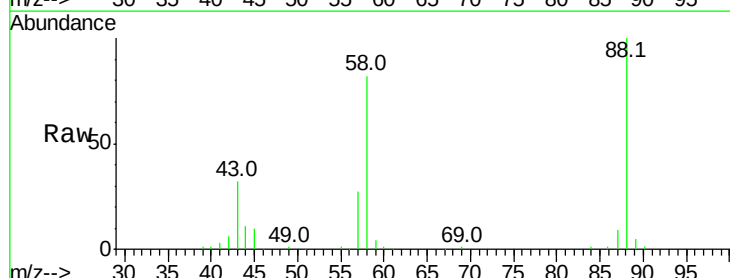
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



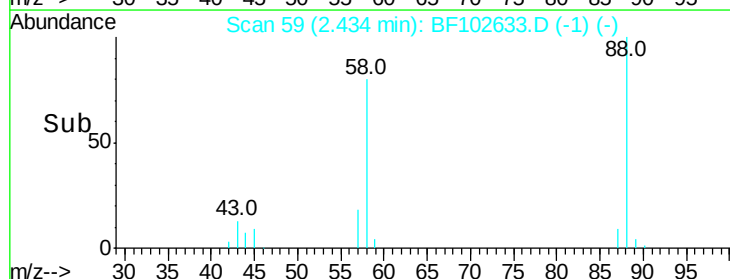
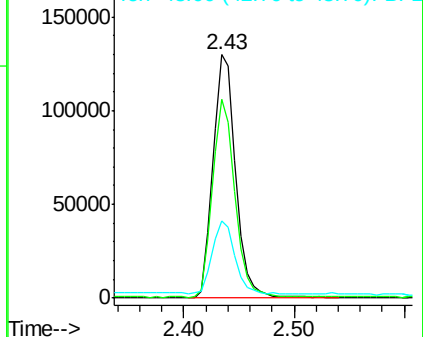
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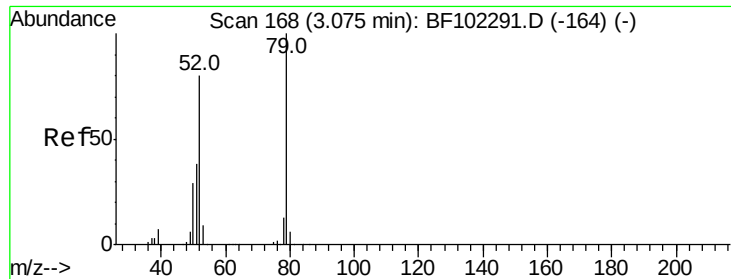
1,4-Dioxane
Concen: 39.822 ng
RT: 2.43 min Scan# 59
Delta R.T. 0.07 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion: 88 Resp: 183807
Ion Ratio Lower Upper
88 100
58 79.9 62.6 93.8
43 30.0 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

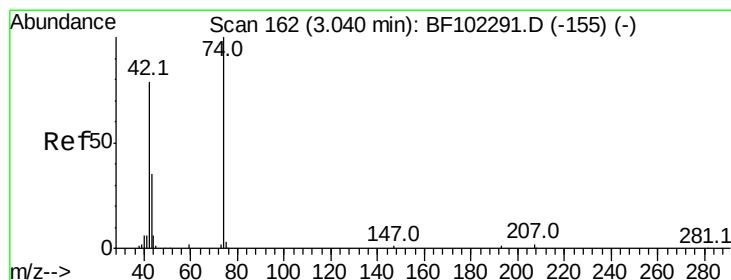
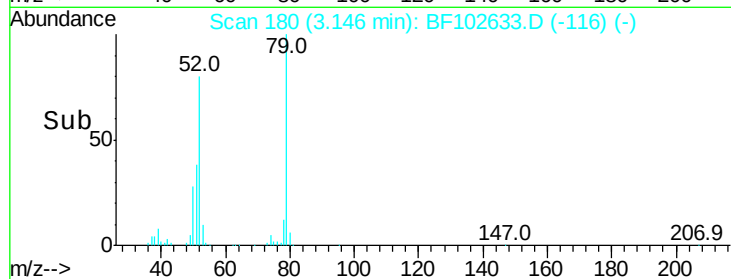
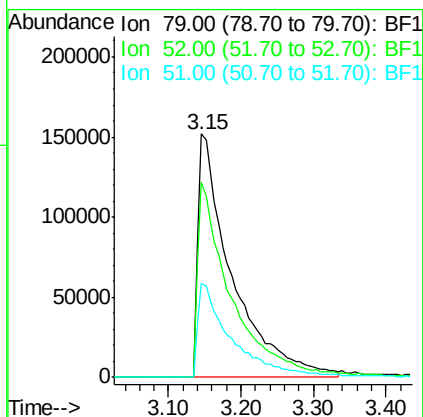
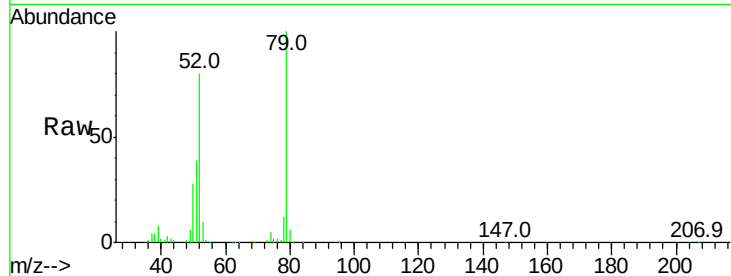




#3
 Pvridine
 Concen: 40.778 ng
 RT: 3.15 min Scan# 180
 Delta R.T. 0.08 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

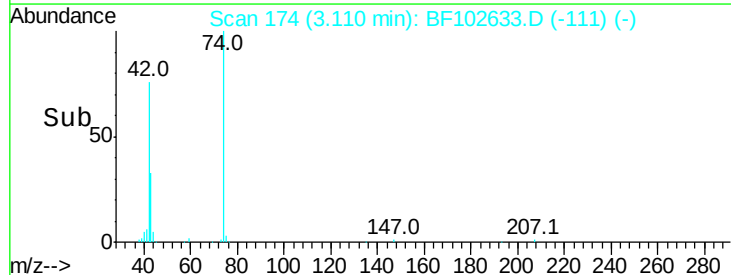
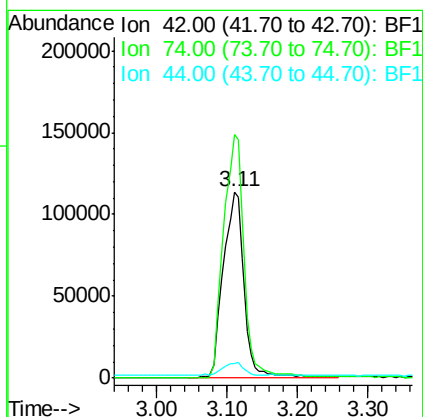
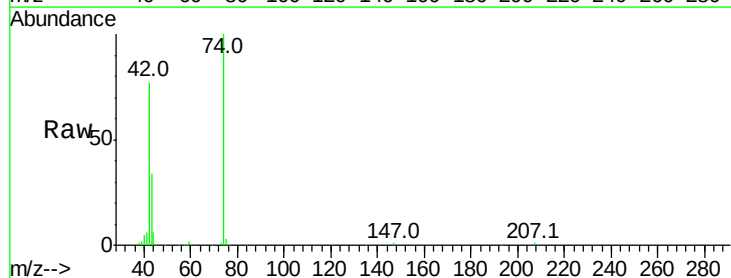
Instrument :
 BNA_F
 ClientSampleId :

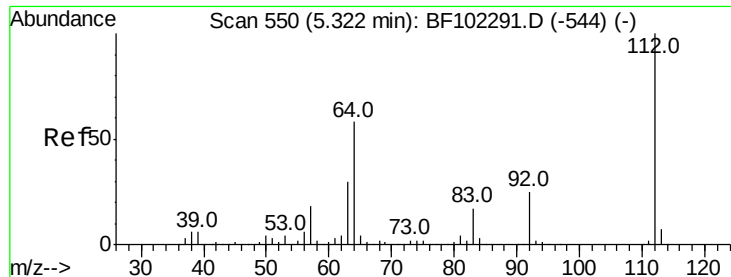
Tot Ion: 79 Resp: 491875
 Ion Ratio Lower Upper
 79 100
 52 80.0 59.8 89.6
 51 38.7 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 50.070 ng
 RT: 3.11 min Scan# 174
 Delta R.T. 0.07 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Tgt Ion: 42 Resp: 236775
 Ion Ratio Lower Upper
 42 100
 74 130.7 104.9 157.3
 44 7.8 6.9 10.3





#5

2-Fluorophenol

Concen: 118.580 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Instrument :
BNA_F
ClientSampleId :

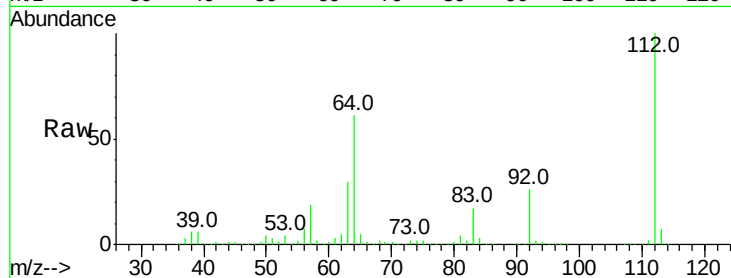
Tot Ion:112 Resp: 1151954

Ion Ratio Lower Upper

112 100

64 60.5 47.9 71.9

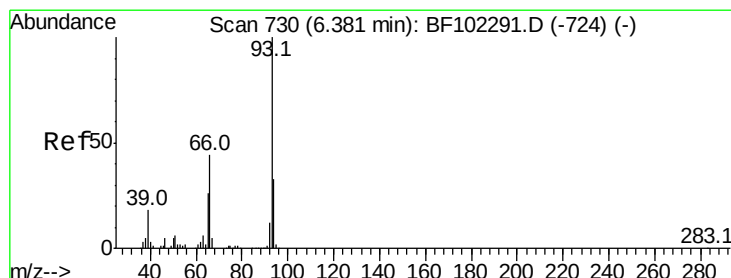
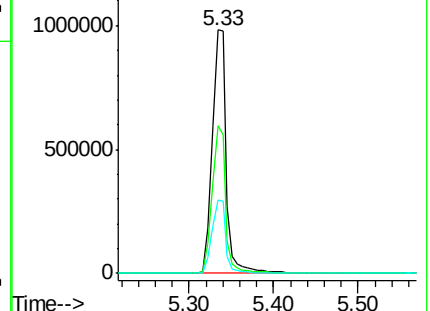
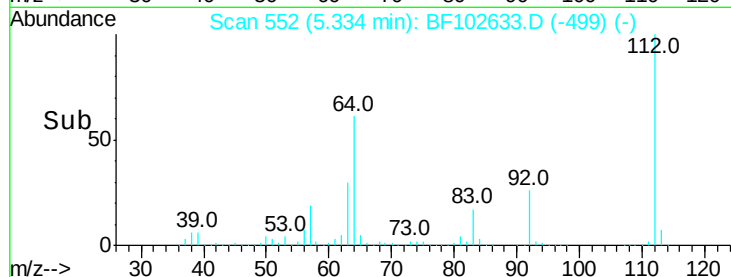
63 30.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.217 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

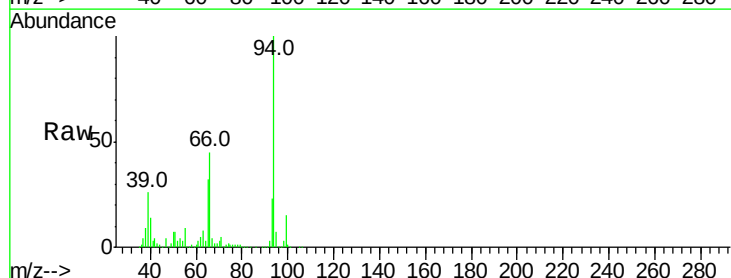
Tgt Ion: 93 Resp: 204740

Ion Ratio Lower Upper

93 100

66 197.3 32.2 48.2#

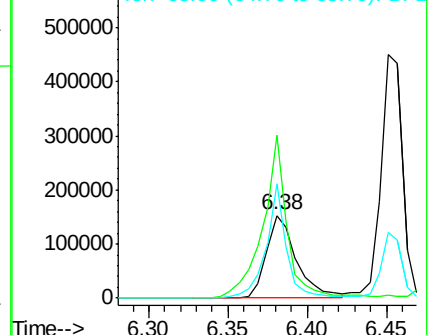
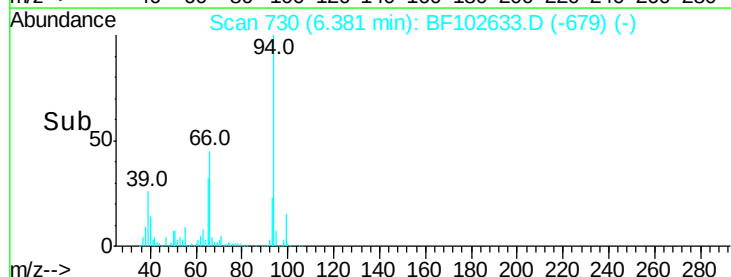
65 138.5 16.4 24.6#

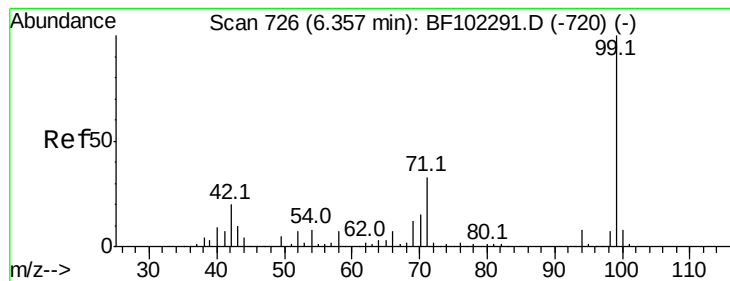


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.111 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

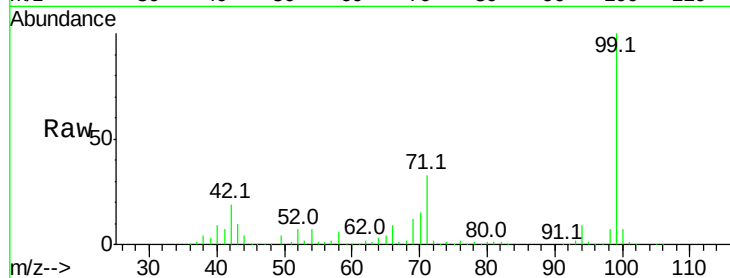
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1383287

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	33.3	25.4	38.0

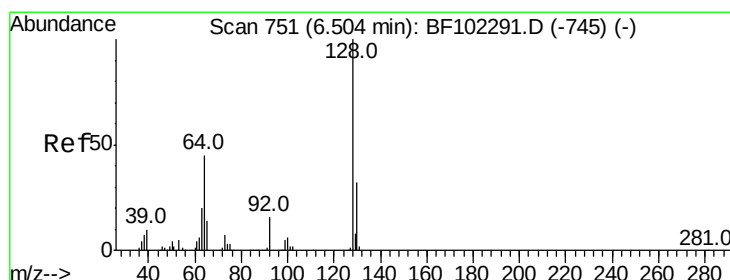
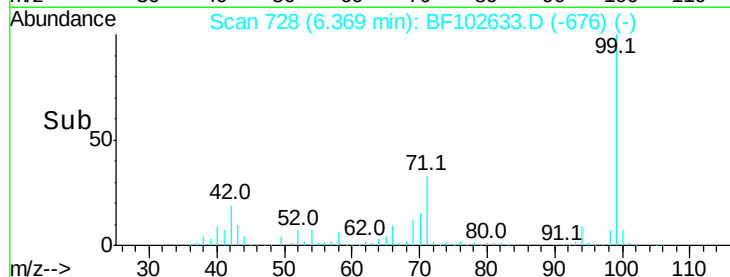


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.004 ng

RT: 6.50 min Scan# 751

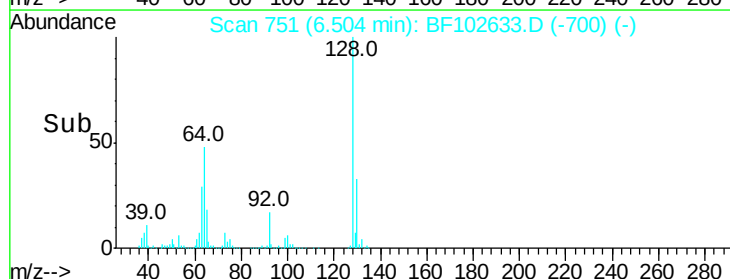
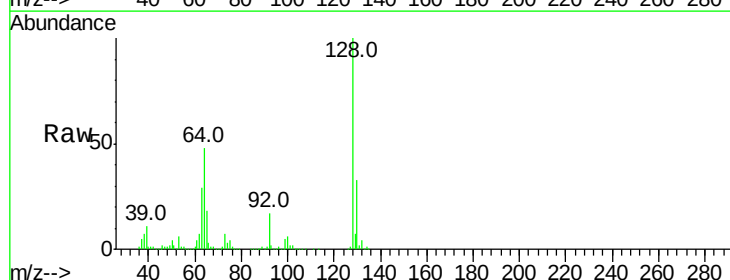
Delta R.T. 0.00 min

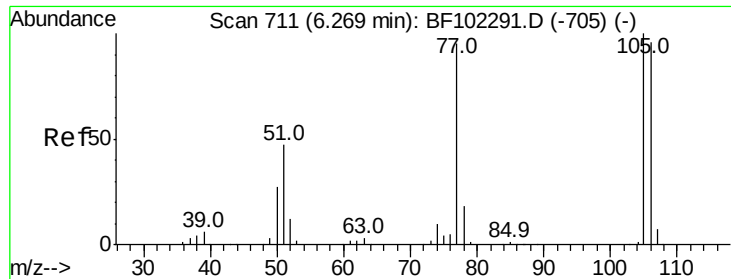
Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Tgt Ion:128 Resp: 448116

Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.0	53.0
64	47.9	29.4	69.4

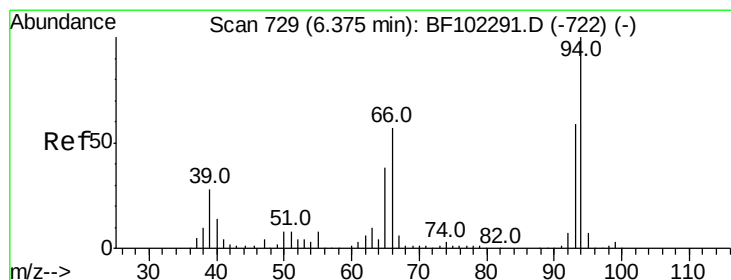
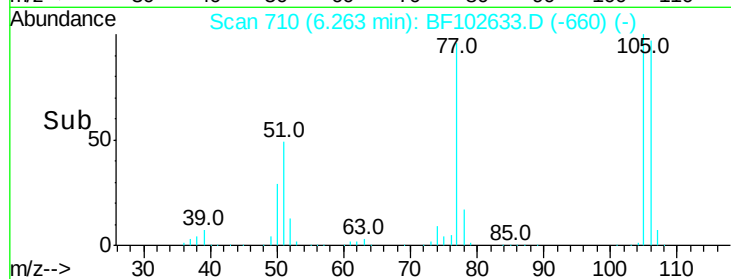
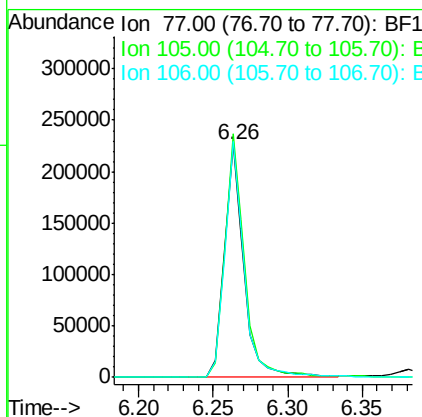
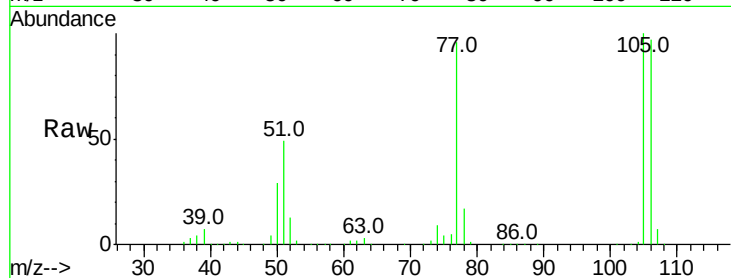




#9
Benzaldehyde
Concen: 29.622 ng
RT: 6.26 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

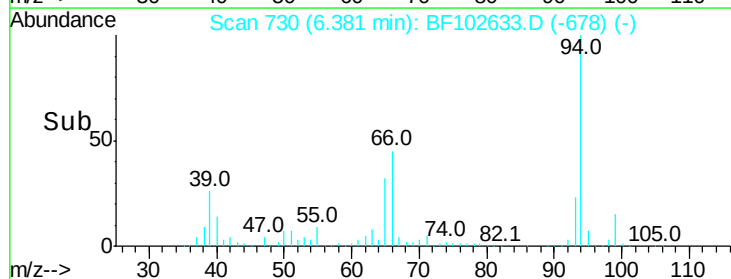
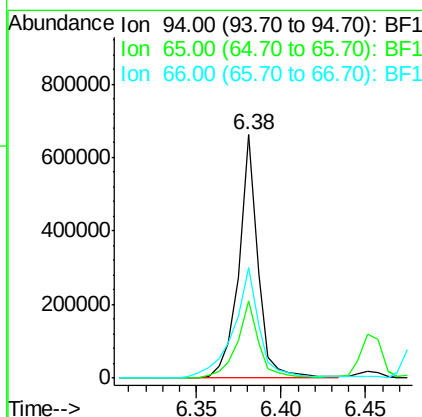
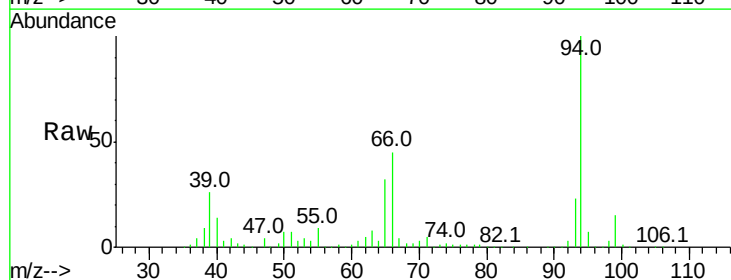
Instrument :
BNA_F
ClientSampleId :

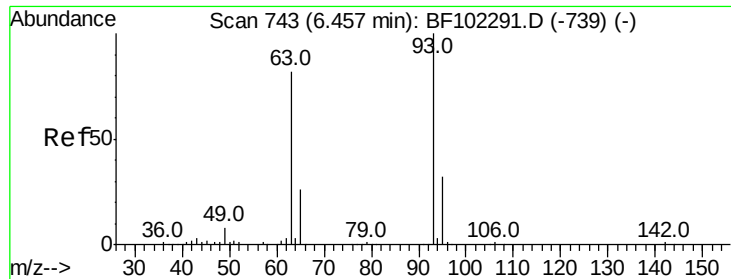
Tot Ion: 77 Resp: 209702
Ion Ratio Lower Upper
77 100
105 104.6 81.1 121.1
106 101.5 74.5 114.5



#10
Phenol
Concen: 40.888 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion: 94 Resp: 522799
Ion Ratio Lower Upper
94 100
65 31.8 7.9 47.9
66 45.3 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 43.135 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Instrument :

BNA_F

ClientSampleId :

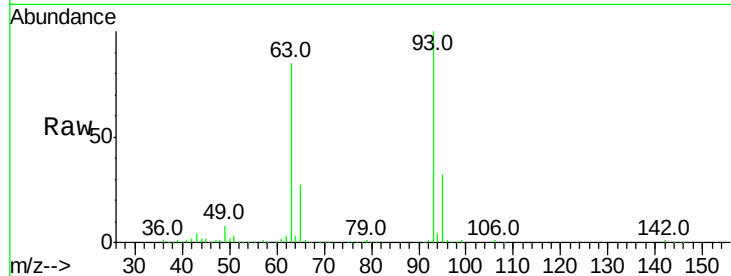
Tot Ion: 93 Resp: 419477

Ion Ratio Lower Upper

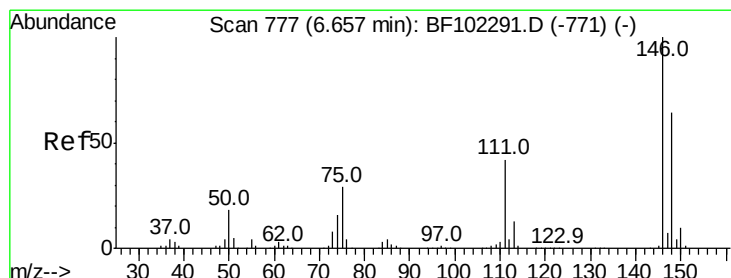
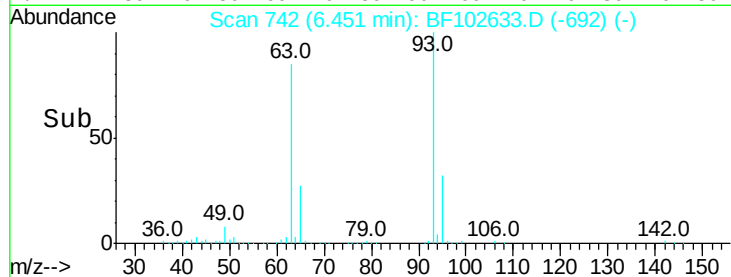
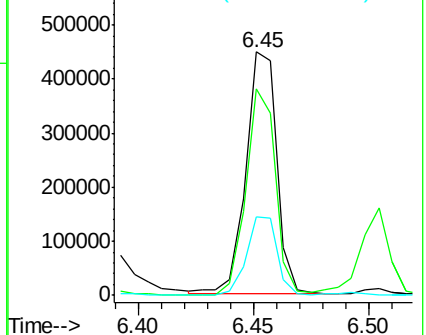
93 100

63 85.0 58.6 98.6

95 32.2 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: 39.274 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

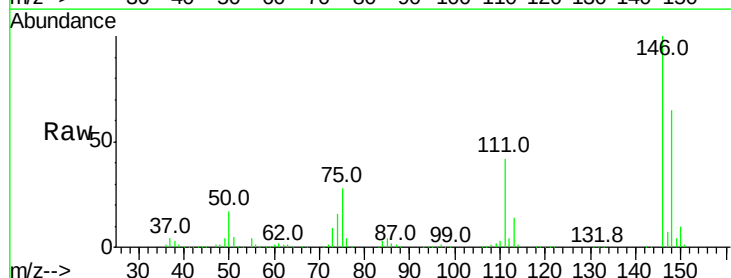
Tgt Ion: 146 Resp: 475656

Ion Ratio Lower Upper

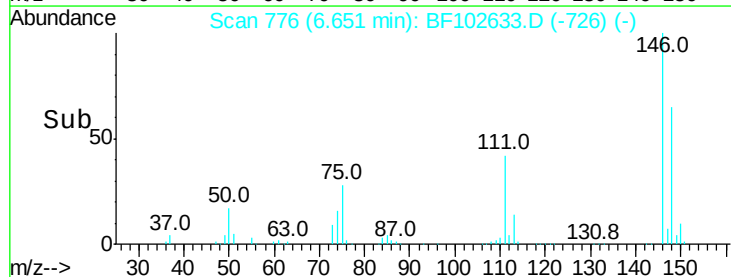
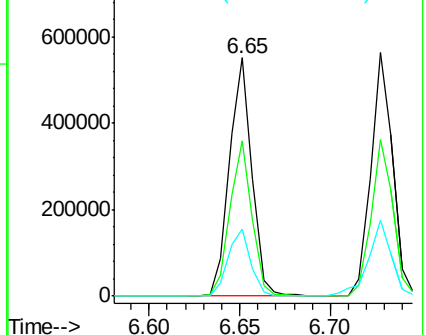
146 100

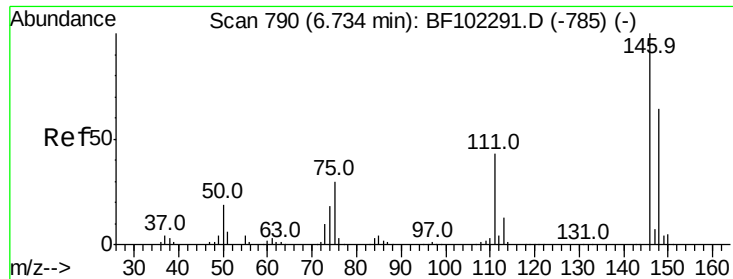
148 64.9 51.8 77.8

75 28.4 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

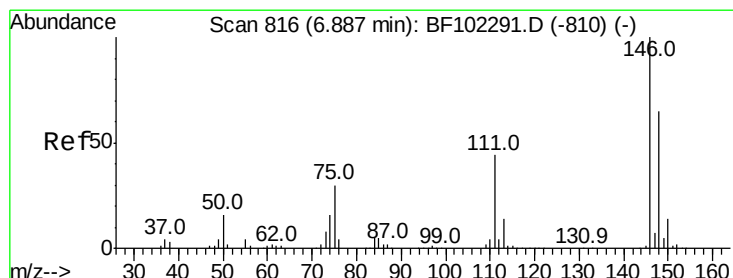
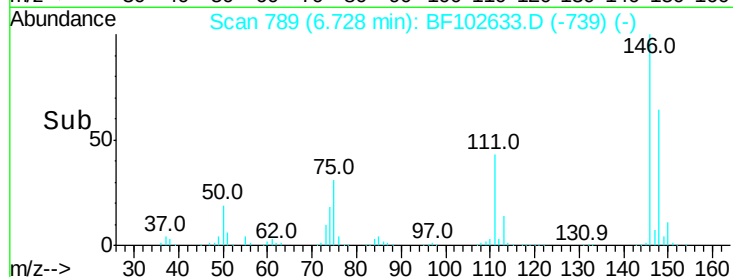
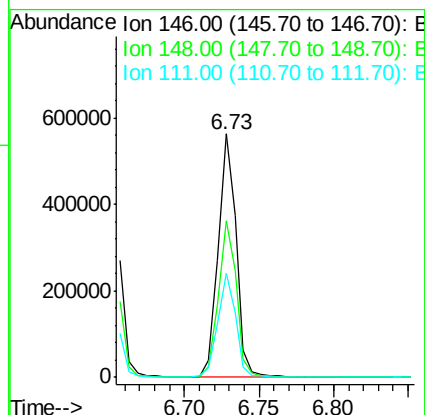
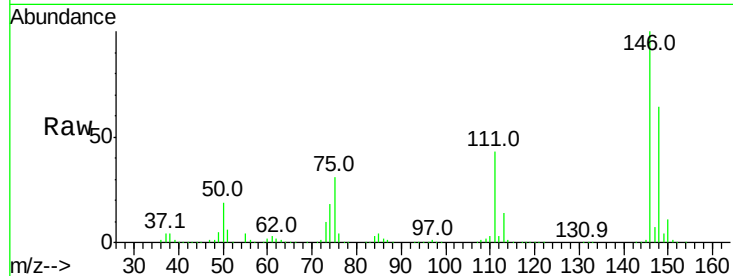




#13
 1,4-Dichlorobenzene
 Concen: 38.996 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

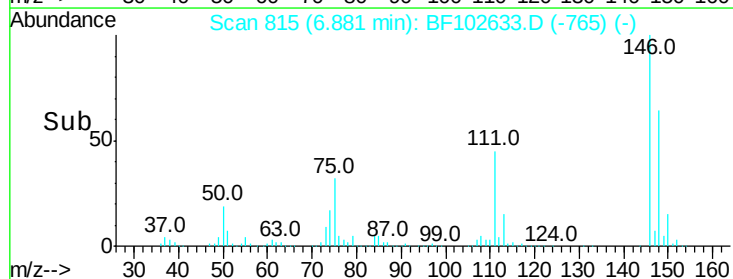
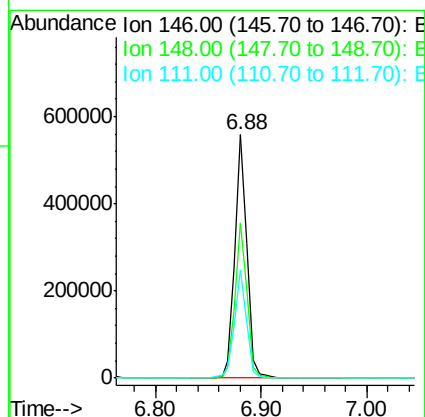
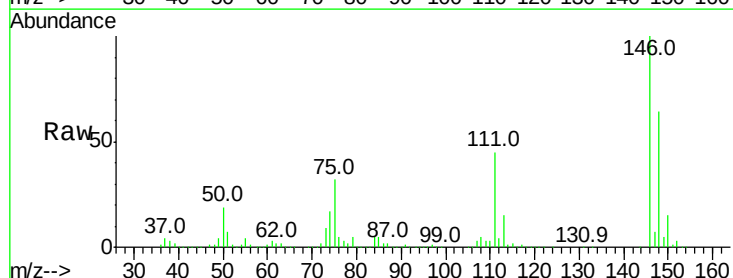
Instrument :
 BNA_F
 ClientSampleId :

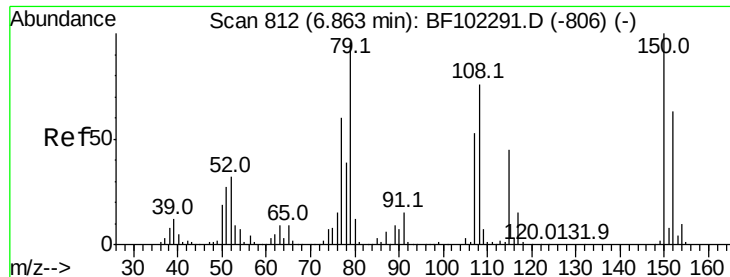
Tot Ion:146 Resp: 473096
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.8 76.2
 111 43.0 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 39.200 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Tgt Ion:146 Resp: 435004
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 75.8
 111 44.6 36.0 54.0

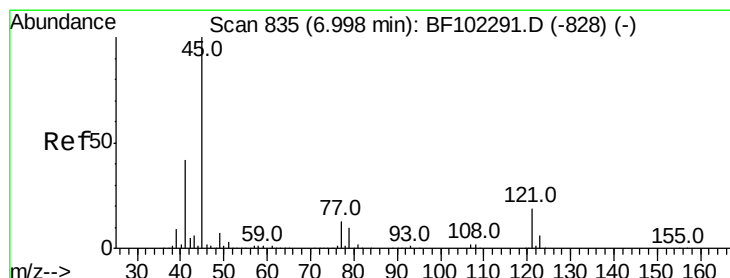
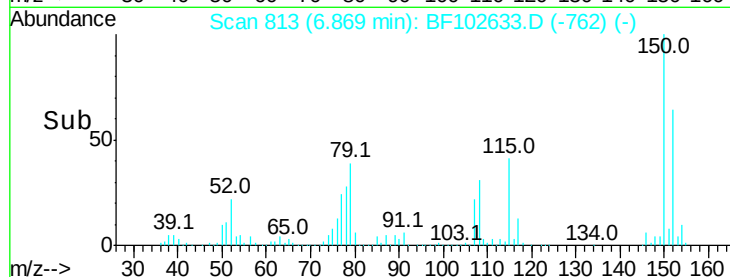
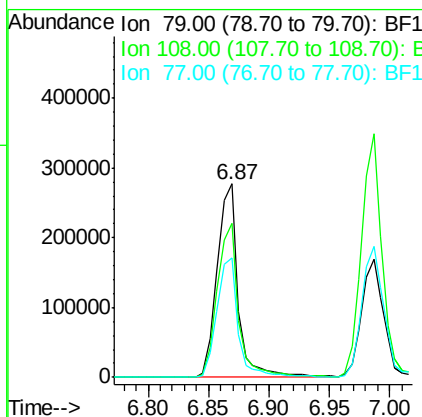
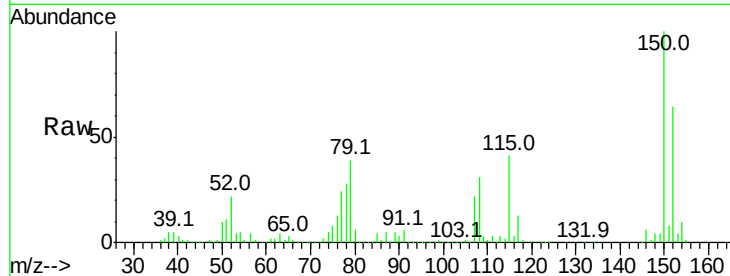




#15
Benzyl Alcohol
Concen: 40.261 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

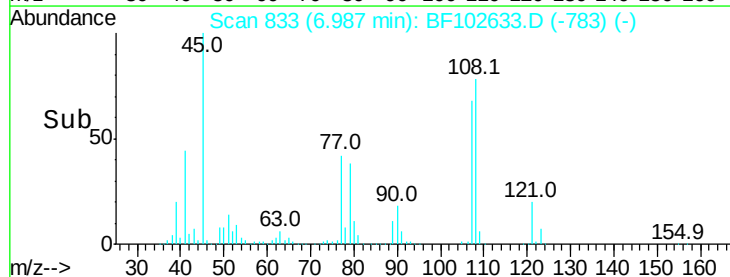
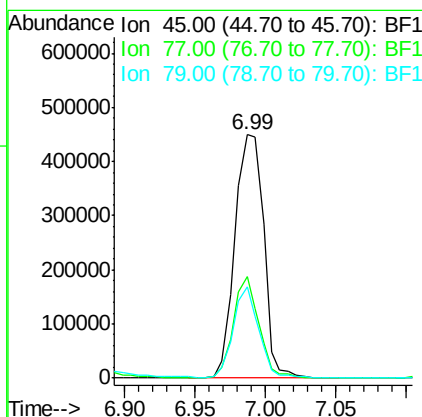
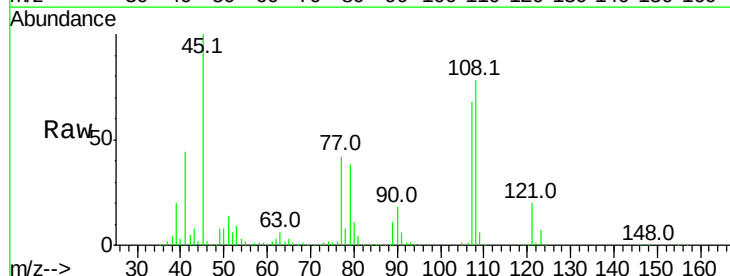
Instrument :
BNA_F
ClientSampled :

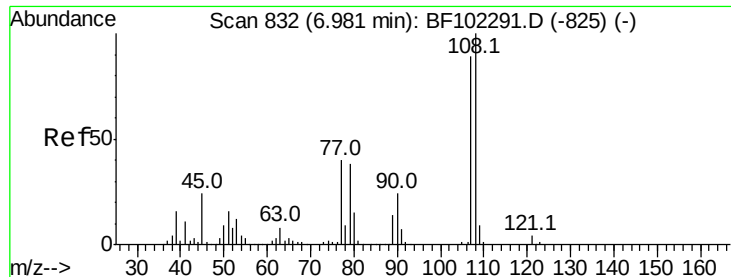
Tot Ion: 79 Resp: 332699
Ion Ratio Lower Upper
79 100
108 79.5 65.1 97.7
77 62.0 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.188 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion: 45 Resp: 639153
Ion Ratio Lower Upper
45 100
77 41.7 0.0 32.9#
79 37.8 0.0 29.6#

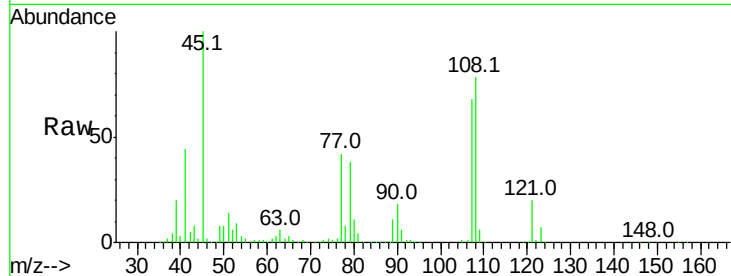




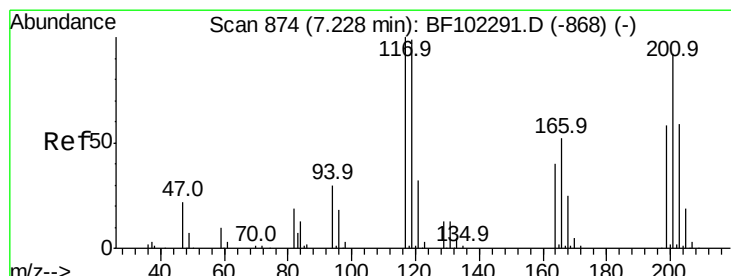
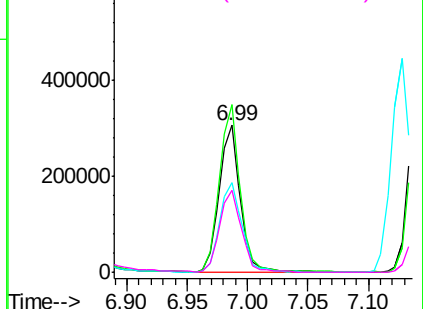
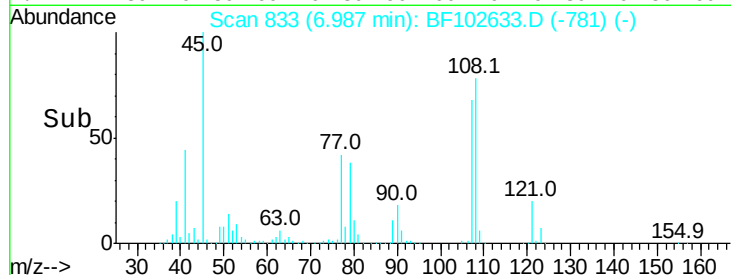
#17
2-Methylphenol
Concen: 41.178 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 364187
Ion Ratio Lower Upper
107 100
108 113.9 91.7 137.5
77 61.3 33.8 50.8#
79 55.4 33.8 50.8#

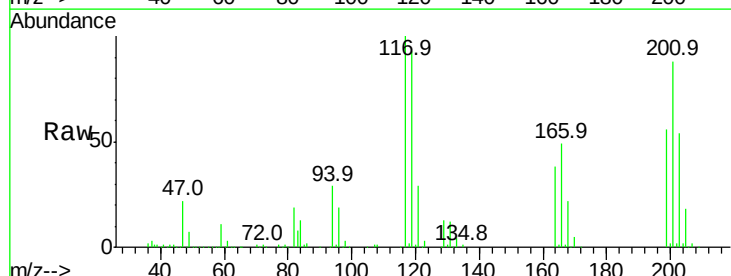


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

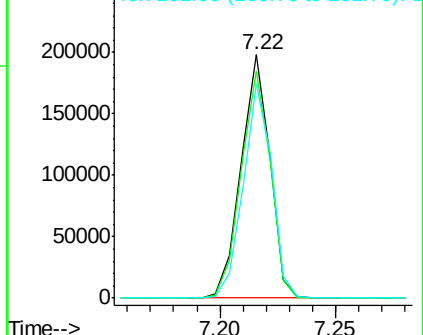
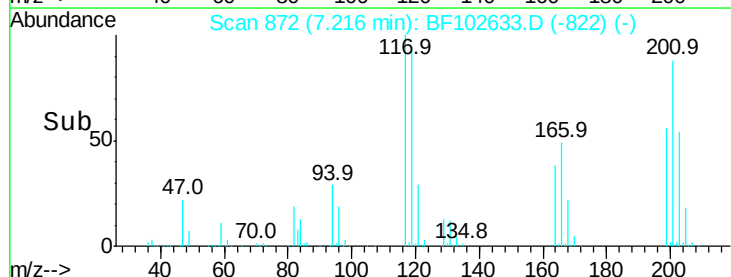


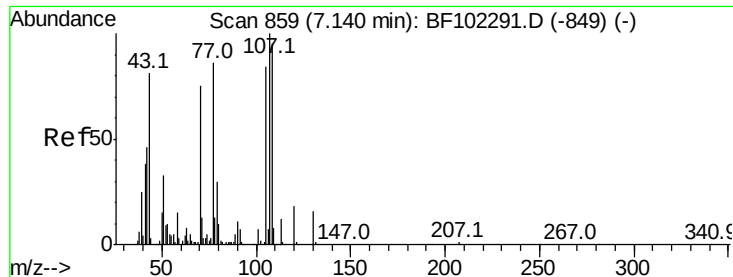
#18
Hexachloroethane
Concen: 40.837 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion:117 Resp: 172644
Ion Ratio Lower Upper
117 100
119 93.2 75.8 113.8
201 87.9 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

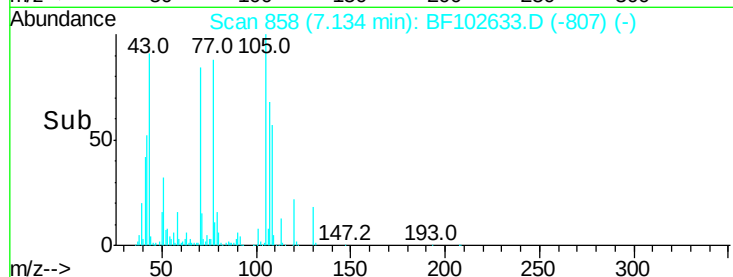
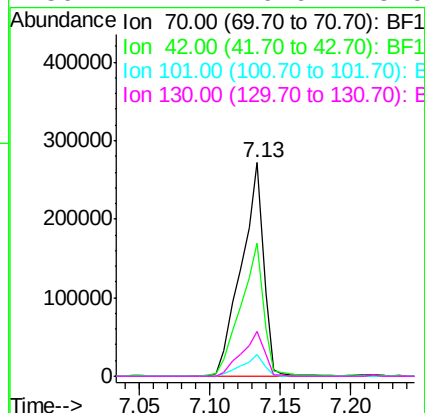
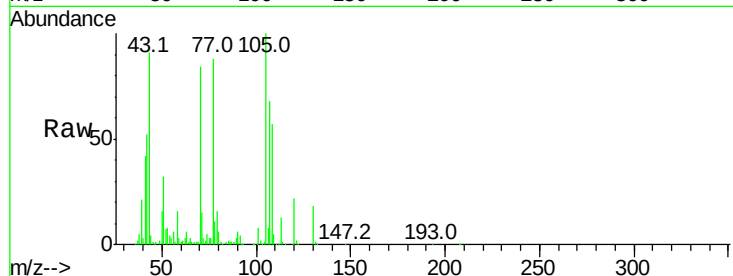




#19
n-Nitroso-di-n-propylamine
Concen: 41.954 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

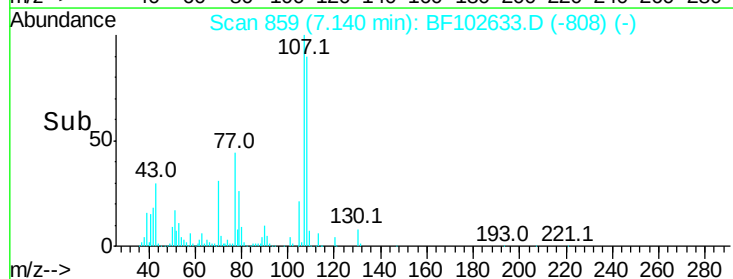
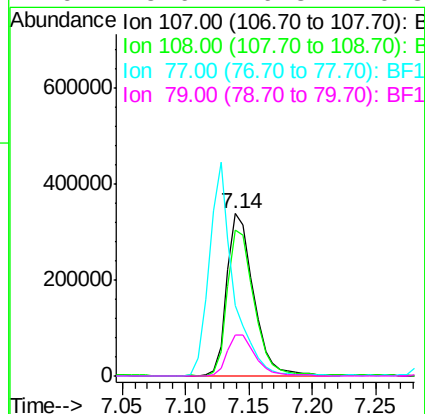
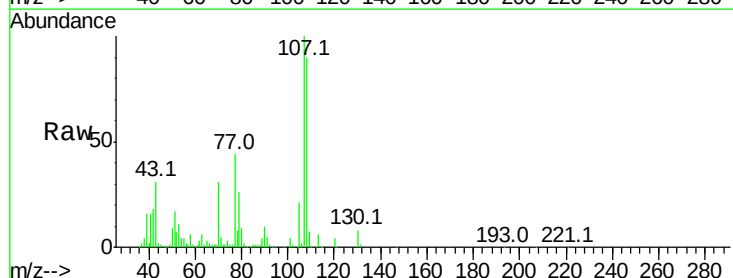
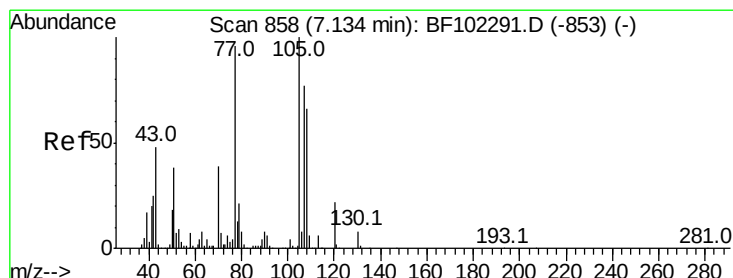
Instrument :
BNA_F
ClientSampleId :

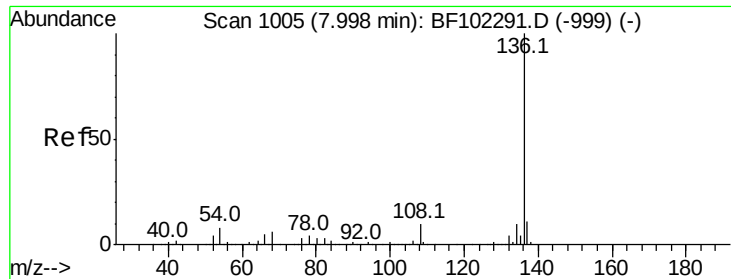
Tot Ion:	70	Resp:	300694
Ion	Ratio	Lower	Upper
70	100		
42	62.1	47.5	71.3
101	10.0	7.4	11.2
130	21.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 46.824 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion:	107	Resp:	487051
Ion	Ratio	Lower	Upper
107	100		
108	89.6	68.2	108.2
77	43.7	26.7	66.7
79	25.6	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 627853

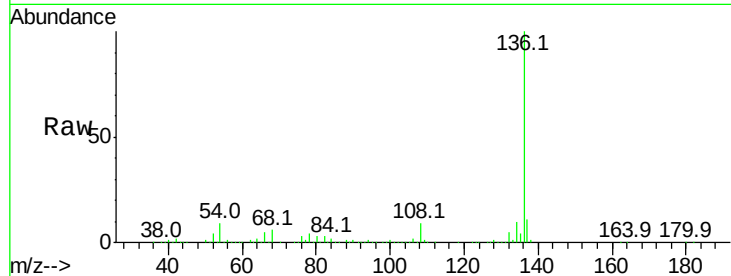
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.6 6.6 9.8

68 5.6 5.0 7.4

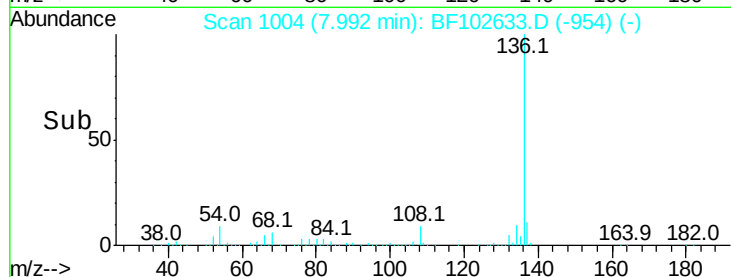


Abundance Ion 136.00 (135.70 to 136.70): E

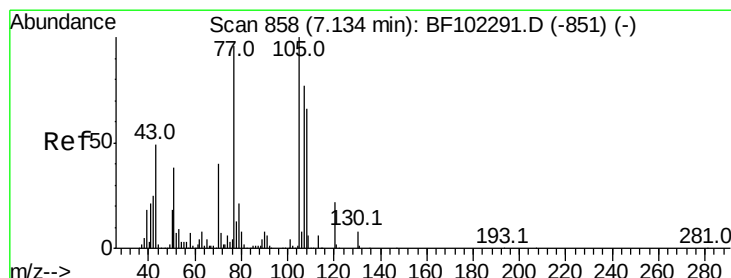
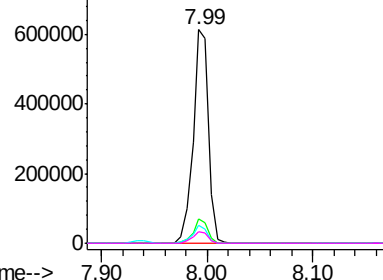
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 41.379 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Tgt Ion:105 Resp: 619324

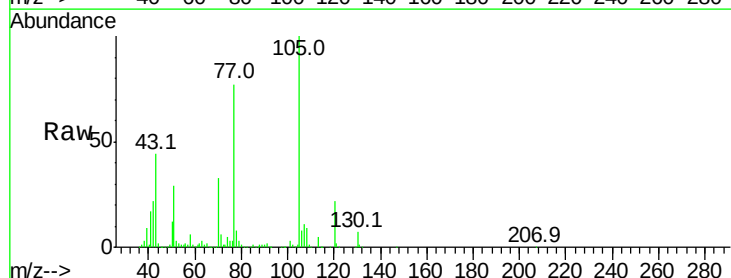
Ion Ratio Lower Upper

105 100

71 5.6 4.4 6.6

51 28.7 22.3 33.5

120 21.9 16.9 25.3

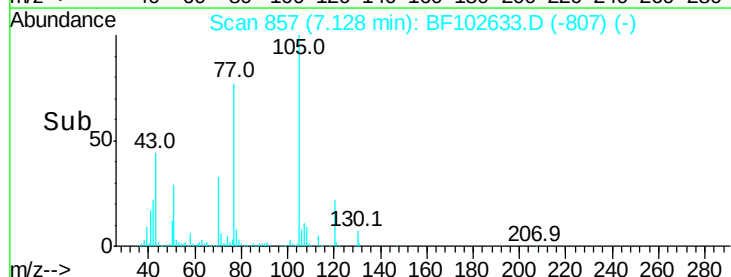


Abundance Ion 105.00 (104.70 to 105.70): E

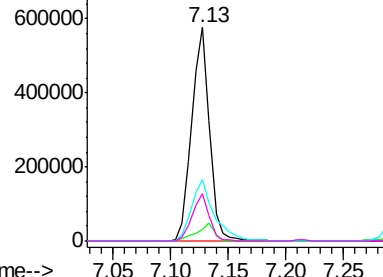
Ion 71.00 (70.70 to 71.70): BF1

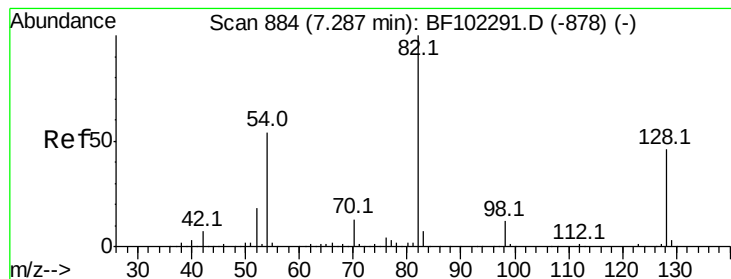
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 79.546 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Instrument :

BNA_F

ClientSampled :

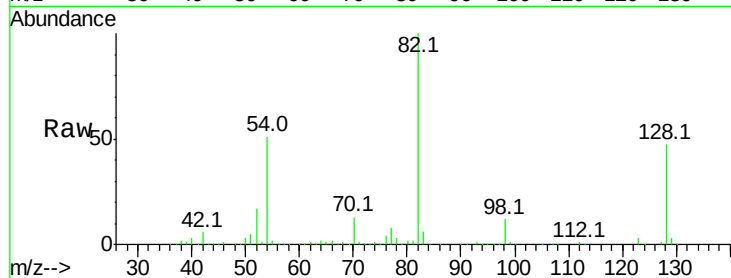
Tot Ion: 82 Resp: 869079

Ion Ratio Lower Upper

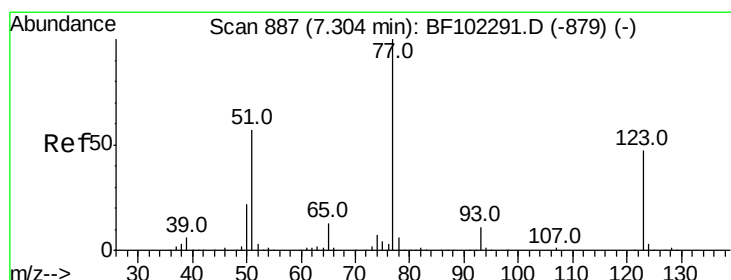
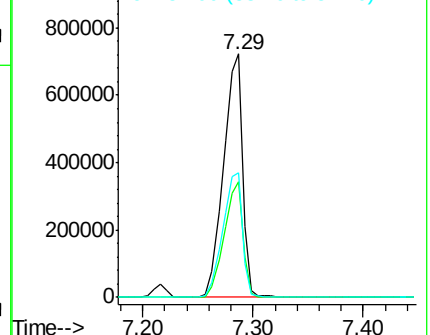
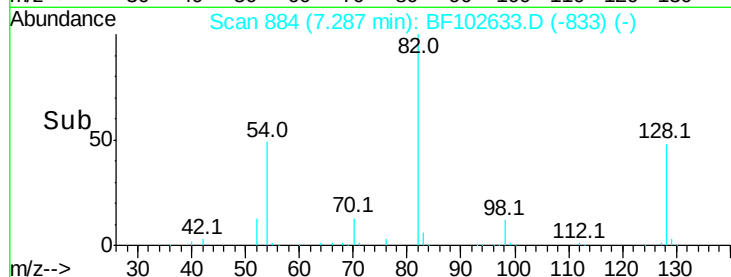
82 100

128 47.4 36.1 54.1

54 51.2 41.4 62.2



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



#24

Nitrobenzene

Concen: 41.034 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

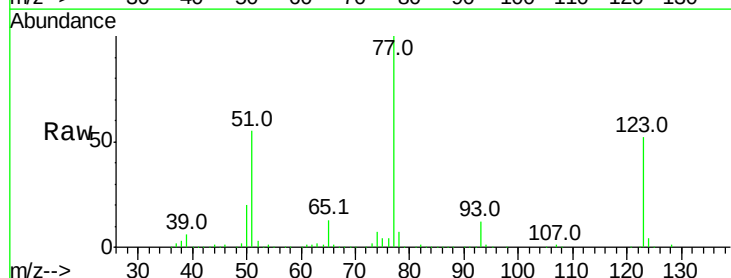
Tgt Ion: 77 Resp: 458798

Ion Ratio Lower Upper

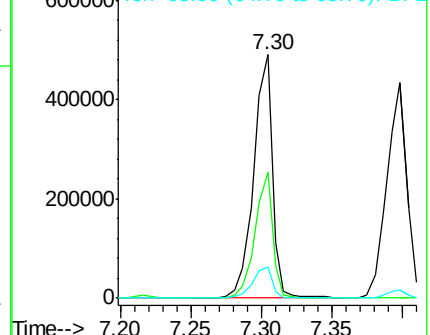
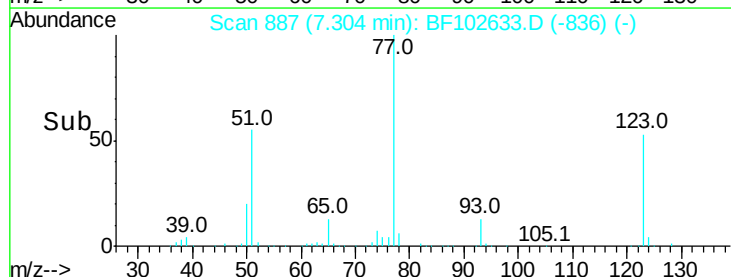
77 100

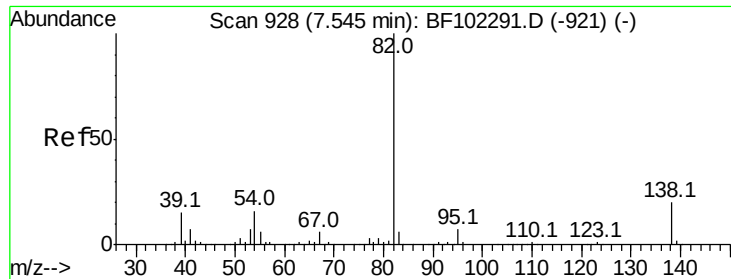
123 51.9 37.9 56.9

65 12.9 11.0 16.4



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

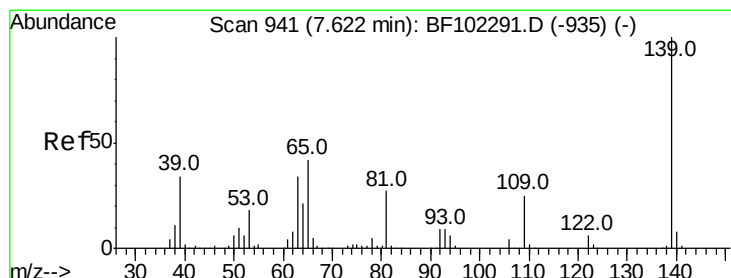
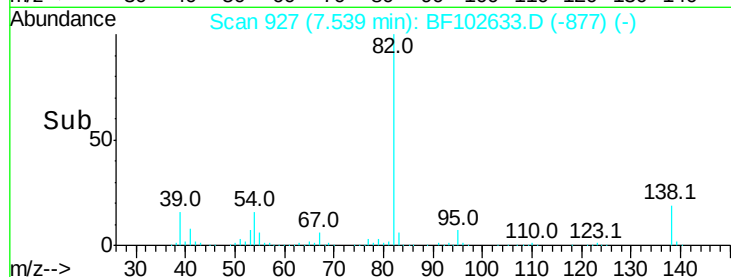
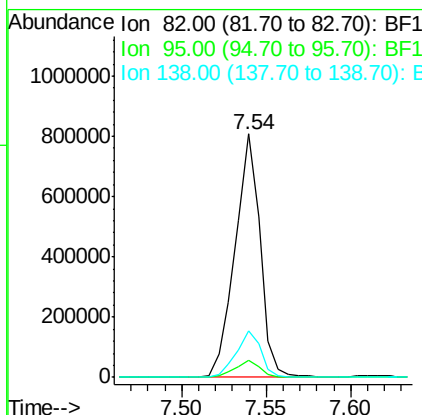
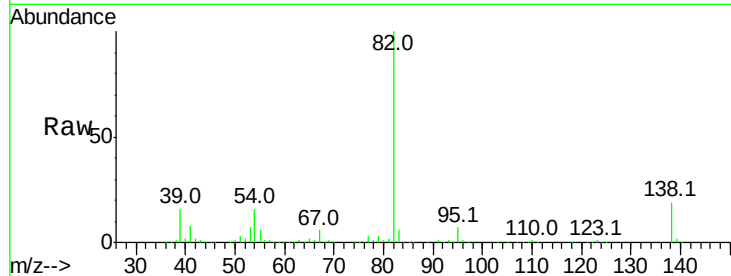




#25
Isophorone
Concen: 42.950 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

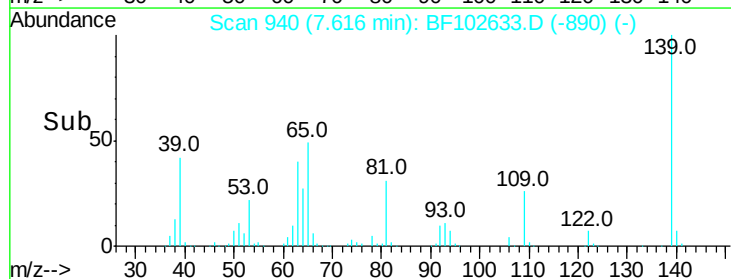
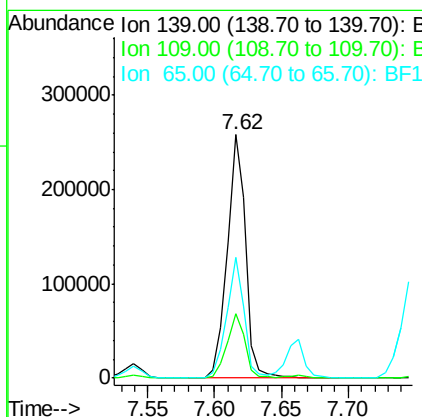
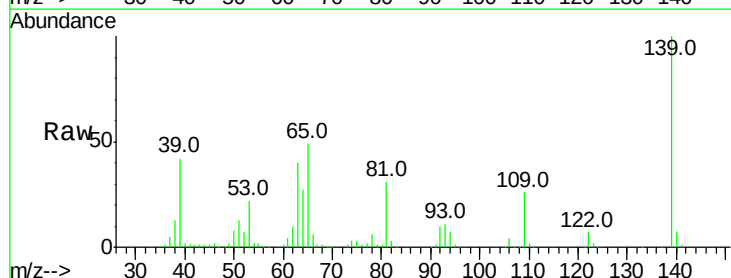
Instrument :
BNA_F
ClientSampleId :

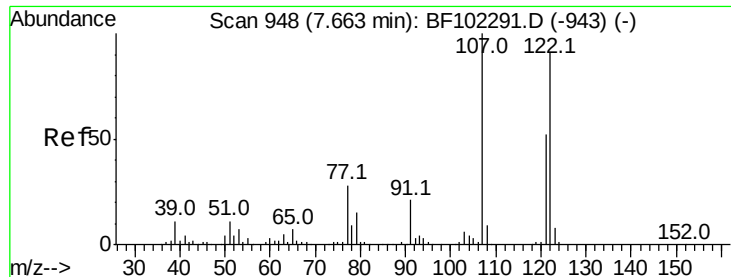
Tot Ion: 82 Resp: 836546
Ion Ratio Lower Upper
82 100
95 7.1 5.2 7.8
138 18.9 14.9 22.3



#26
2-Nitrophenol
Concen: 43.094 ng
RT: 7.62 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion: 139 Resp: 253592
Ion Ratio Lower Upper
139 100
109 26.2 22.7 34.1
65 49.5 40.5 60.7

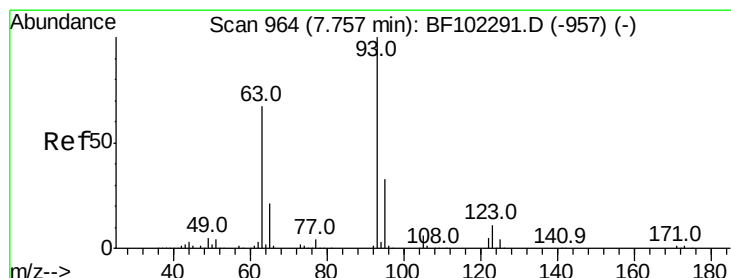
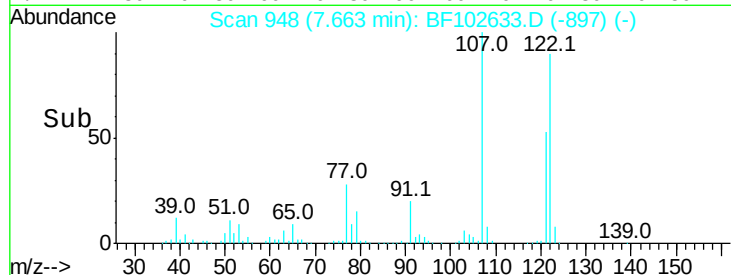
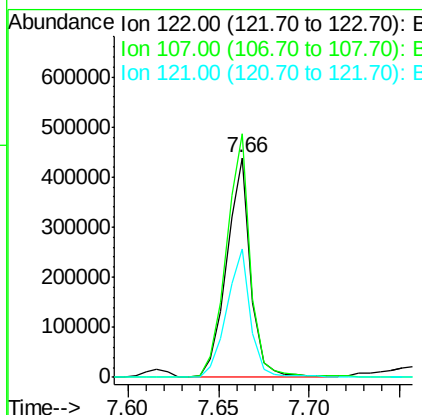
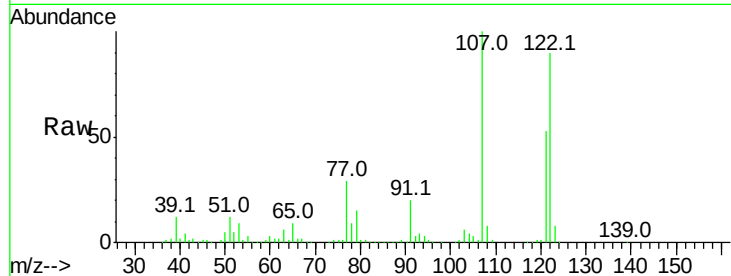




#27
2,4-Dimethylphenol
Concen: 47.254 ng
RT: 7.66 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

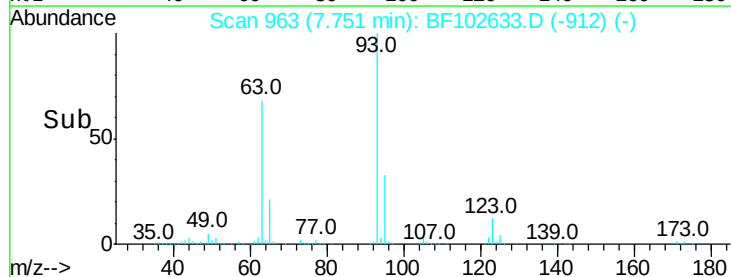
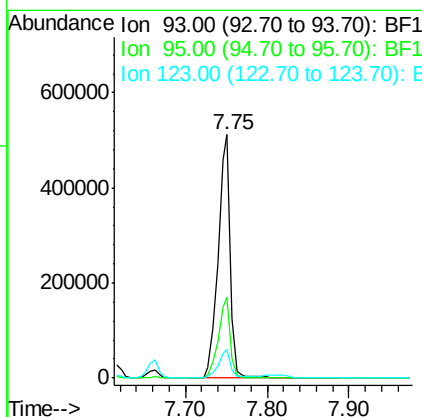
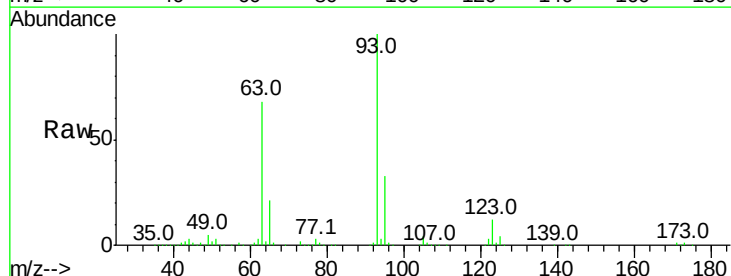
Instrument :
BNA_F
ClientSampled :

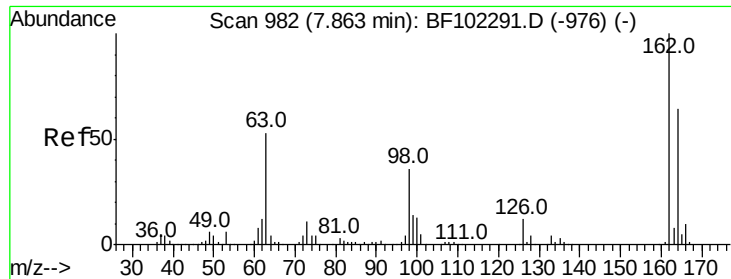
Tot Ion:122 Resp: 403772
Ion Ratio Lower Upper
122 100
107 110.7 91.2 136.8
121 58.3 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 44.257 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion: 93 Resp: 532501
Ion Ratio Lower Upper
93 100
95 33.2 26.3 39.5
123 11.8 9.8 14.6

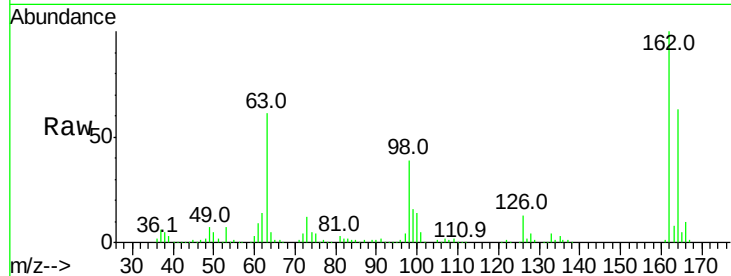




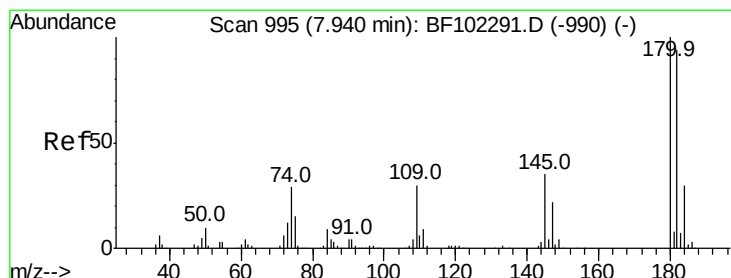
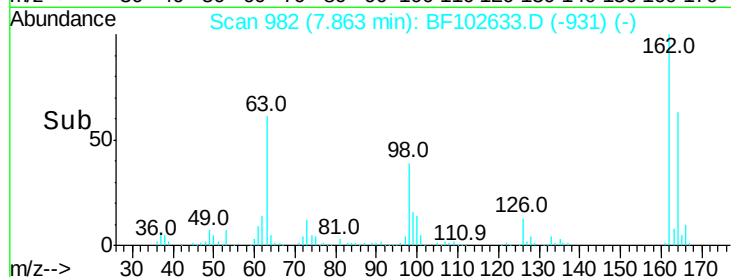
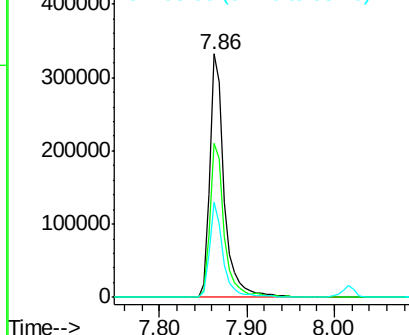
#29
 2,4-Dichlorophenol
 Concen: 43.858 ng
 RT: 7.86 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	42.7	82.7
98	38.9	18.1	58.1

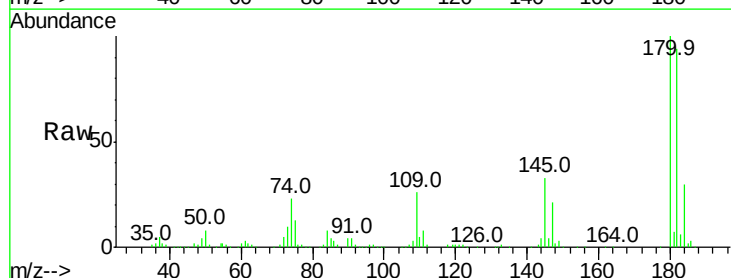


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

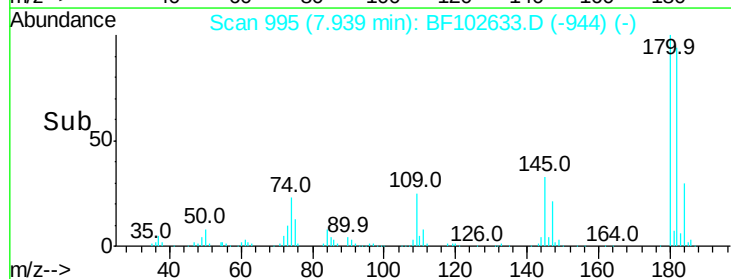
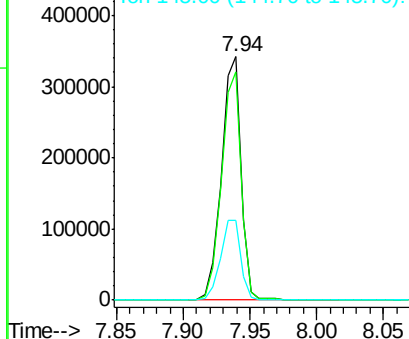


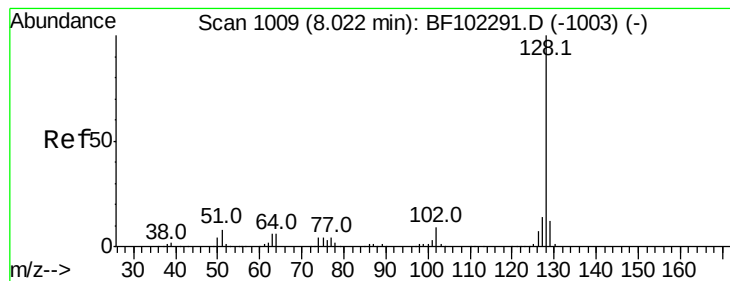
#30
 1,2,4-Trichlorobenzene
 Concen: 38.245 ng
 RT: 7.94 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.8	115.2
145	32.6	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: 40.021 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Instrument :

BNA_F

ClientSampleId :

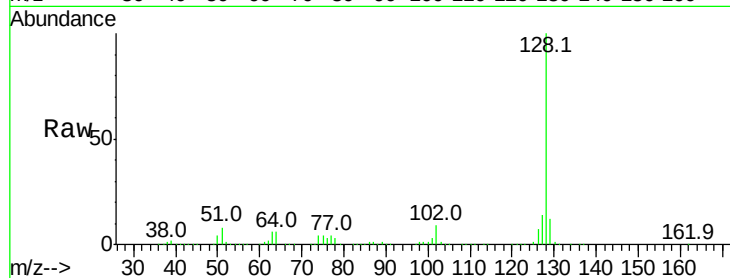
Tot Ion:128 Resp: 1254559

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

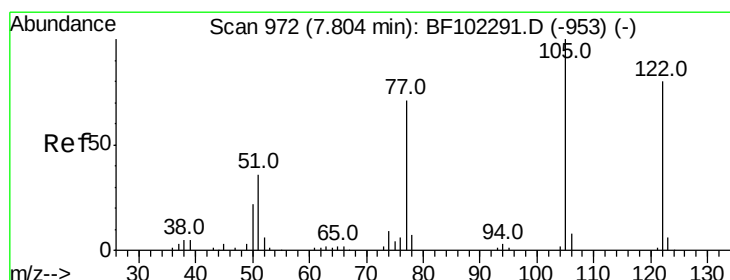
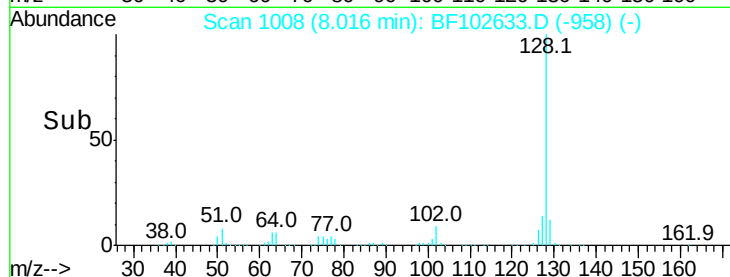
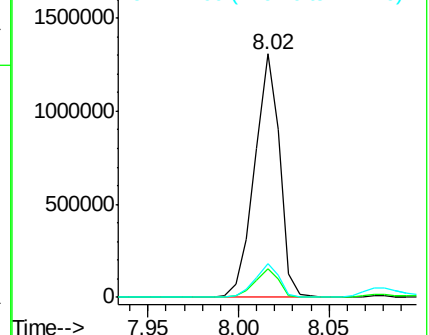
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.217 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

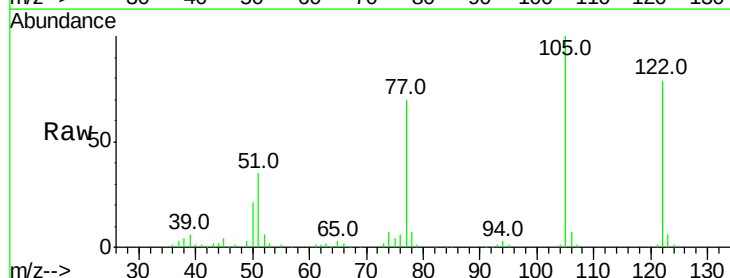
Tgt Ion:122 Resp: 273591

Ion Ratio Lower Upper

122 100

105 126.1 101.1 141.1

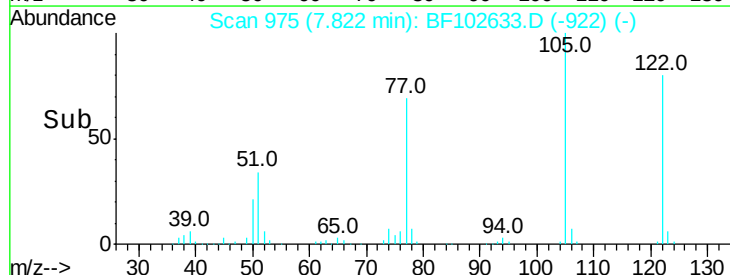
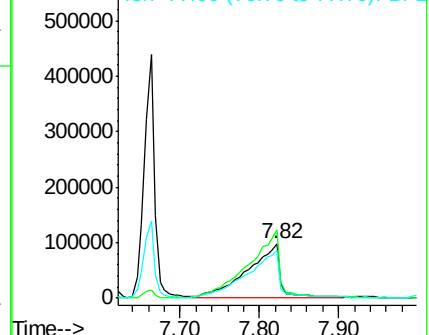
77 88.0 70.7 110.7

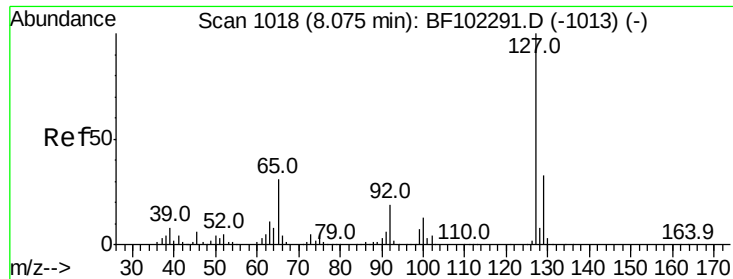


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

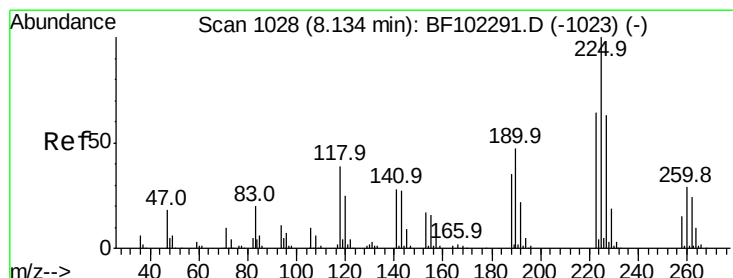
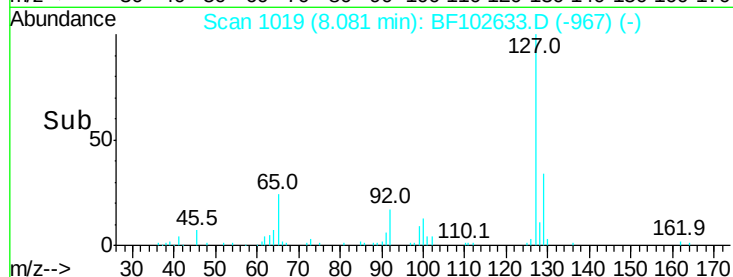
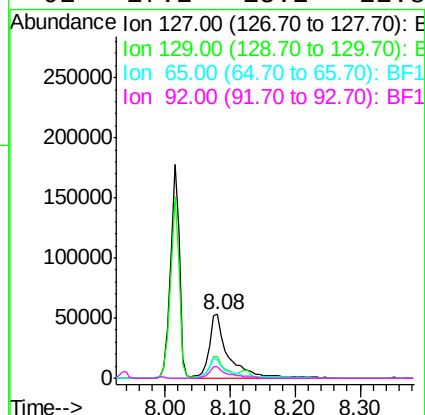
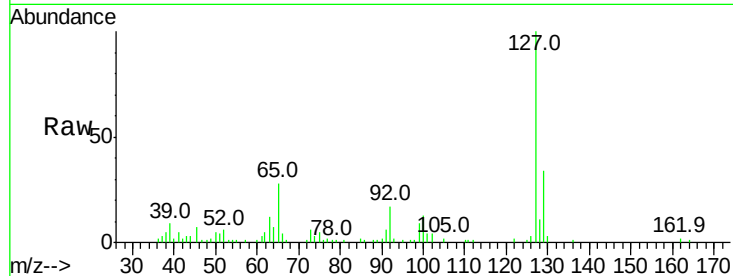




#33
4-Chloroaniline
Concen: 8.120 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

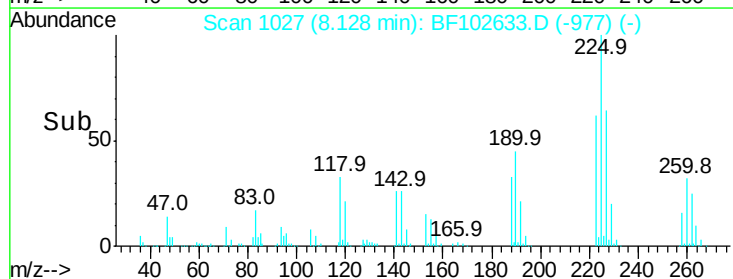
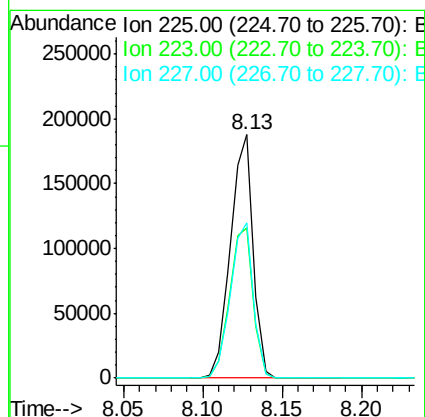
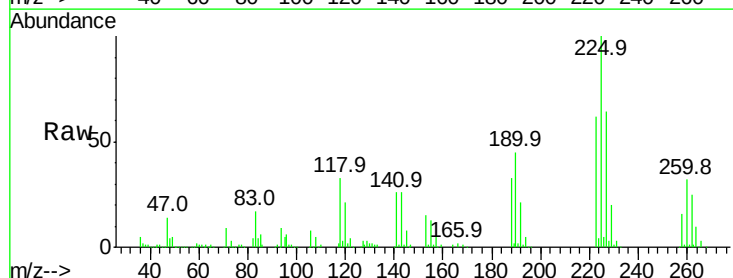
Instrument :
BNA_F
ClientSampleId :

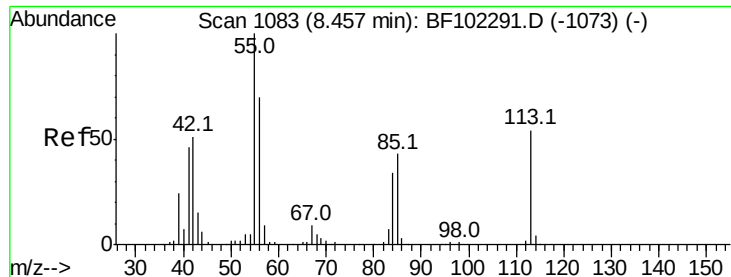
Tot Ion:	127	Resp:	107038
Ion	Ratio	Lower	Upper
127	100		
129	34.0	25.9	38.9
65	28.5	25.0	37.4
92	17.2	15.2	22.8



#34
Hexachlorobutadiene
Concen: 37.128 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion:	225	Resp:	185014
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.6	76.0
227	64.0	51.9	77.9





#35

Caprolactam

Concen: 29.667 ng

RT: 8.46 min Scan# 1084

Delta R.T. 0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Instrument :

BNA_F

ClientSampleId :

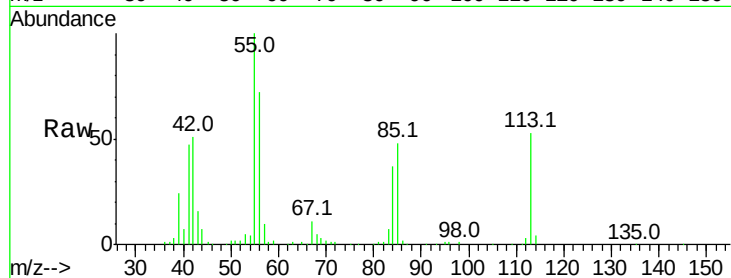
Tot Ion:113 Resp: 85280

Ion Ratio Lower Upper

113 100

55 189.8 163.3 203.3

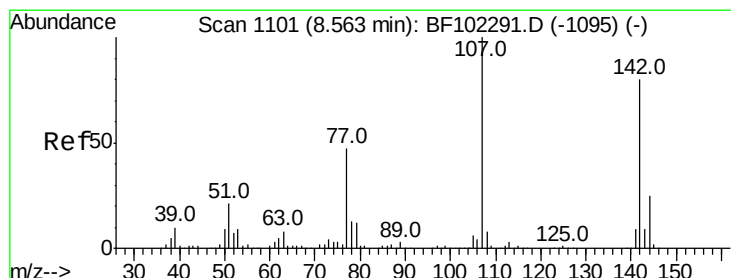
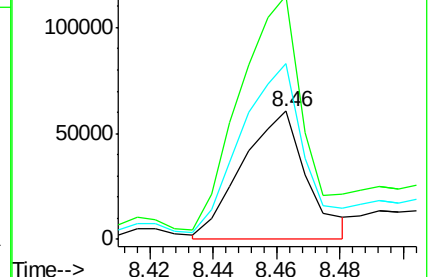
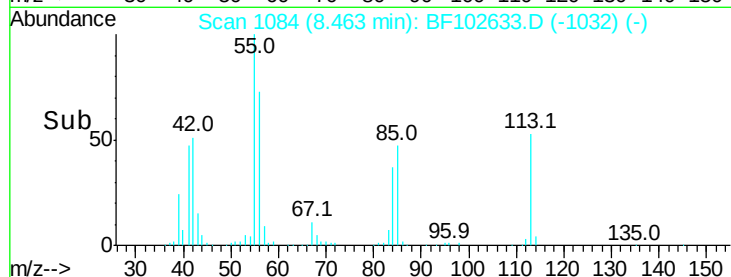
56 137.5 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 44.042 ng

RT: 8.57 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

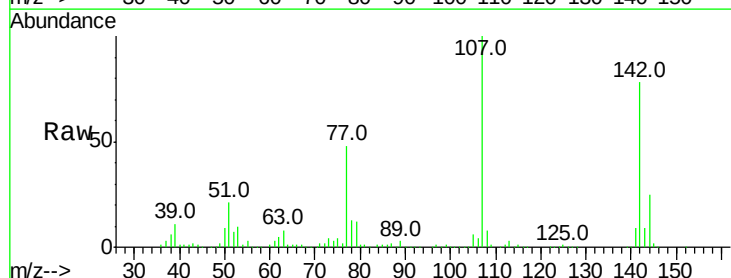
Tgt Ion:107 Resp: 404062

Ion Ratio Lower Upper

107 100

144 25.2 20.5 30.7

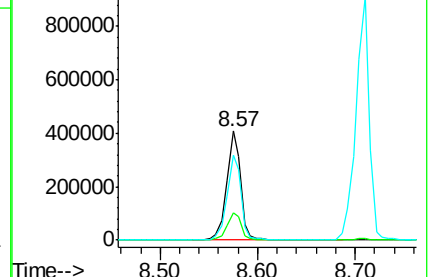
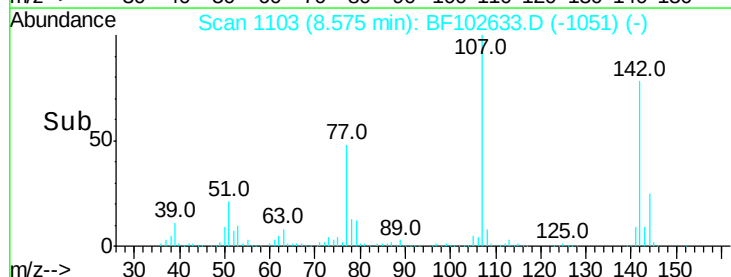
142 77.7 62.0 93.0

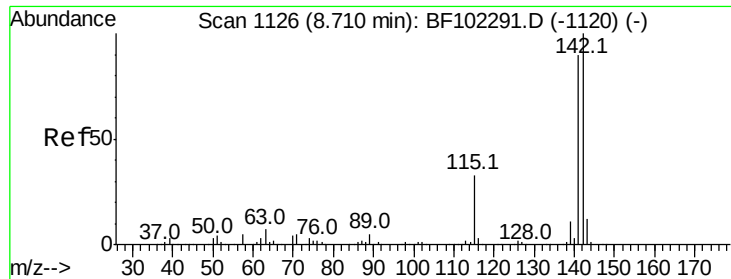


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

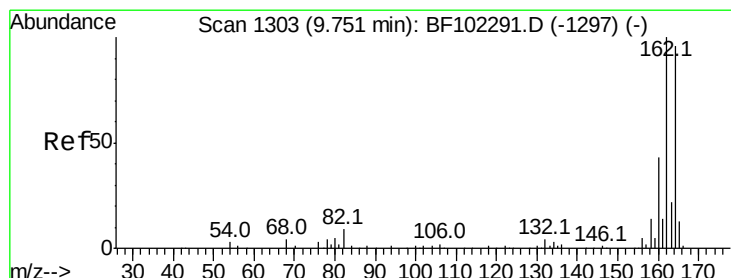
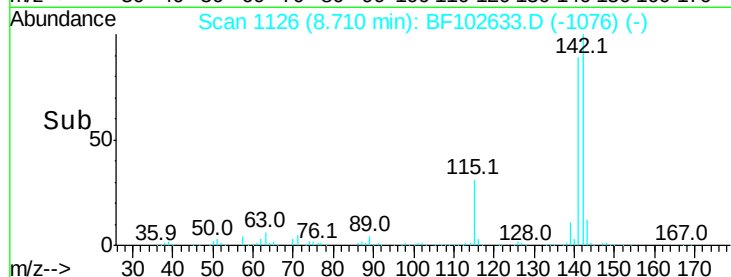
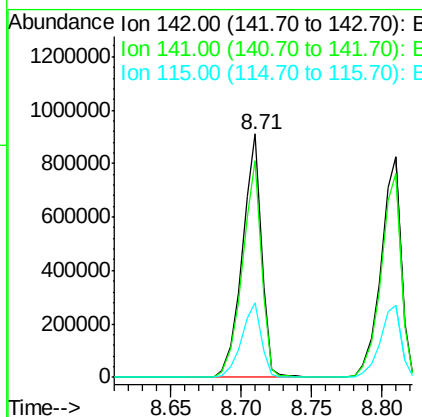
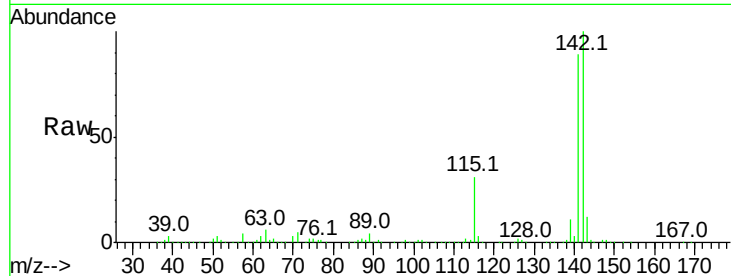




#37
2-Methylnaphthalene
Concen: 41.066 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

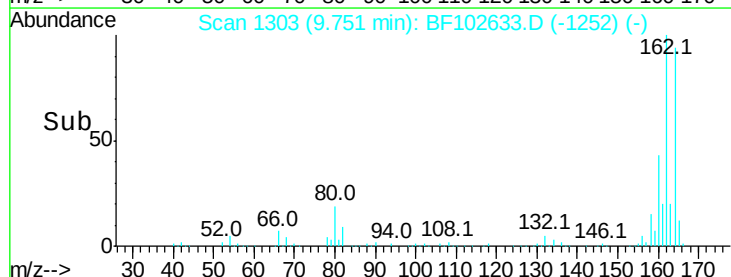
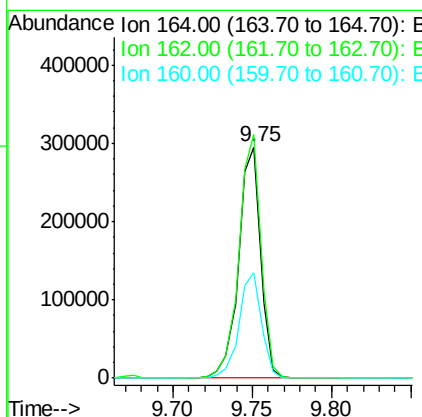
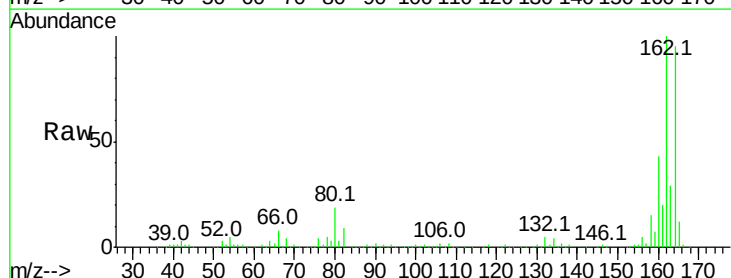
Instrument :
BNA_F
ClientSampleId :

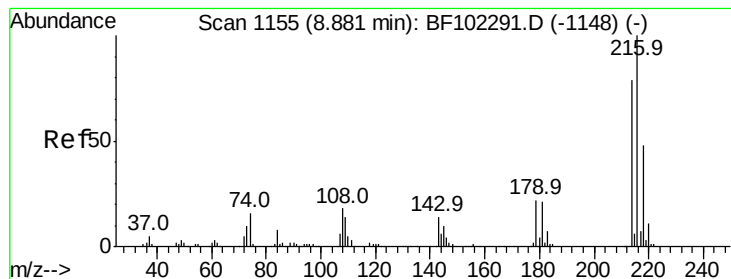
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	30.9	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	45.5	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.390 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 336372

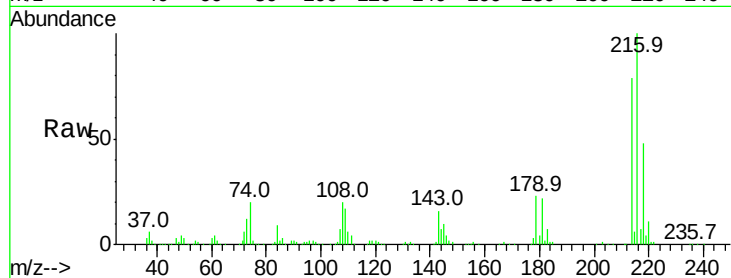
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 22.4 18.1 27.1

108 22.0 17.2 25.8

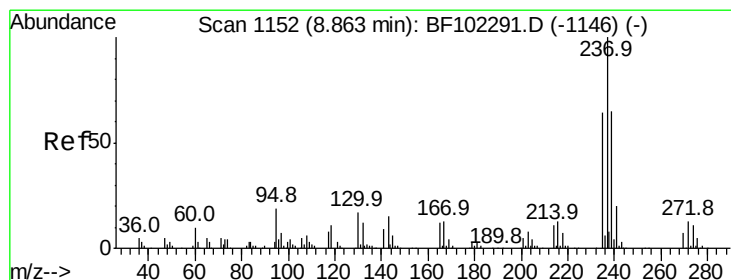
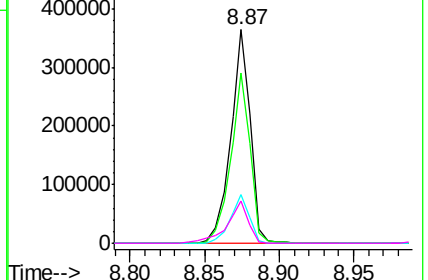
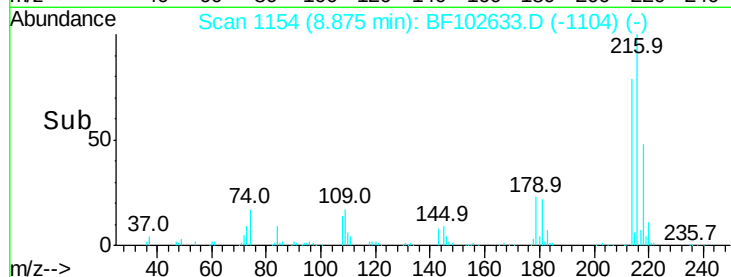


Abundance Ion 216.00 (215.70 to 216.70): E

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: 56.650 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

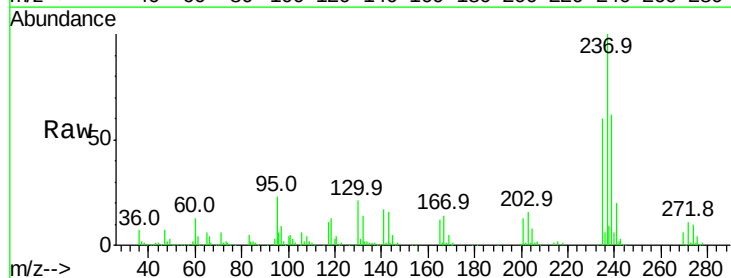
Tgt Ion:237 Resp: 216497

Ion Ratio Lower Upper

237 100

235 60.5 44.8 84.8

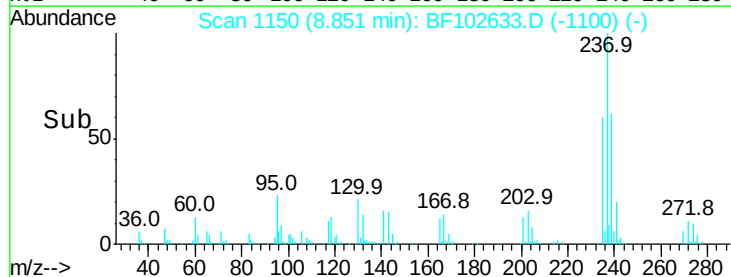
272 11.4 0.0 33.3



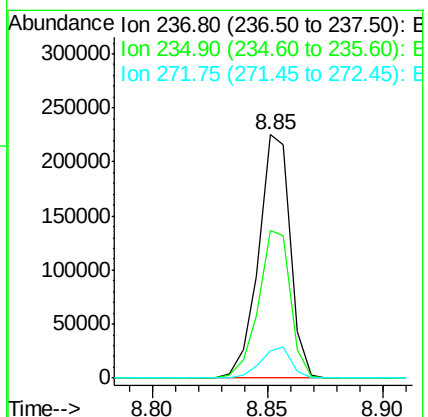
Abundance Ion 236.80 (236.50 to 237.50): E

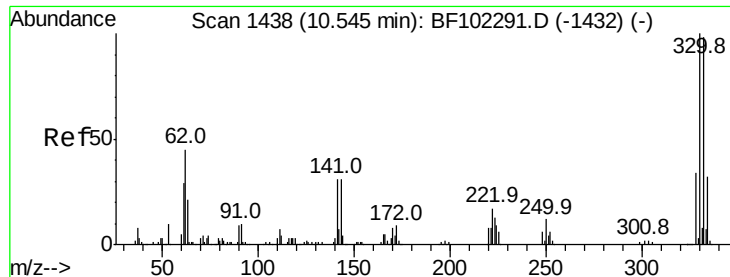
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

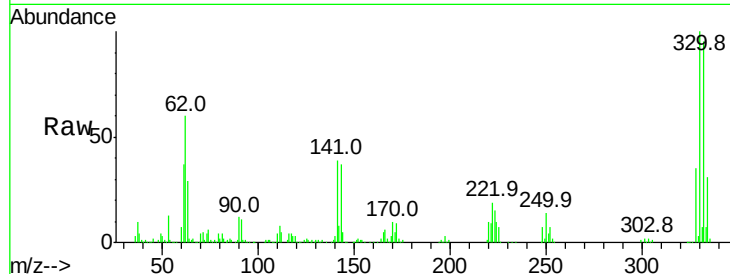




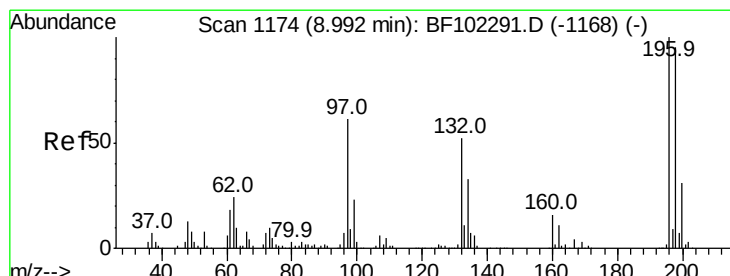
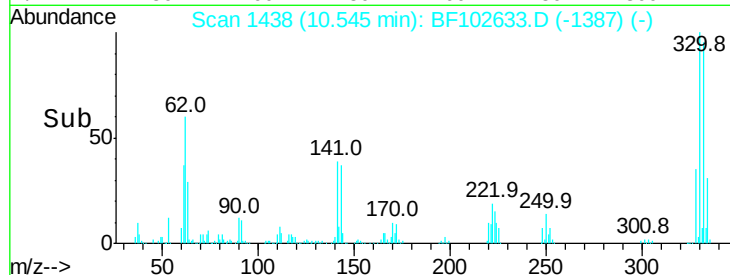
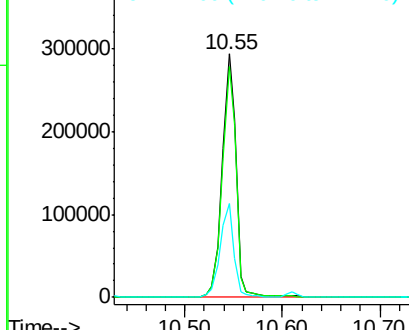
#41
 2,4,6-Tribromophenol
 Concen: 104.086 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	38.2	29.9	44.9

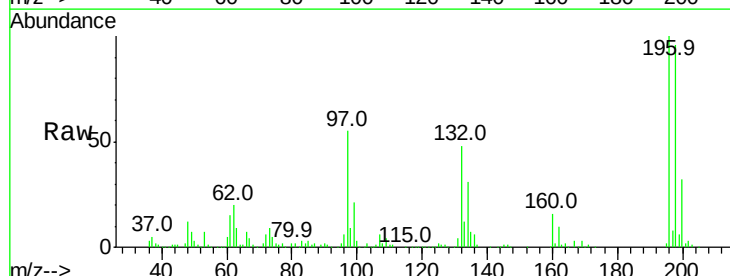


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

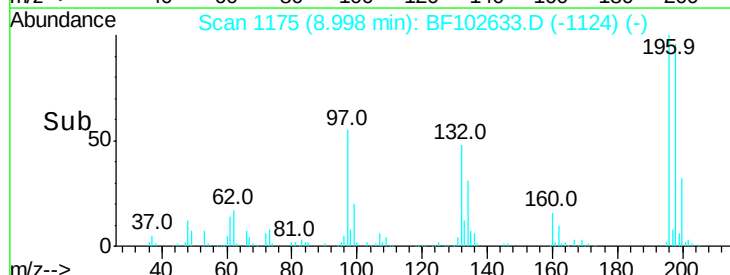
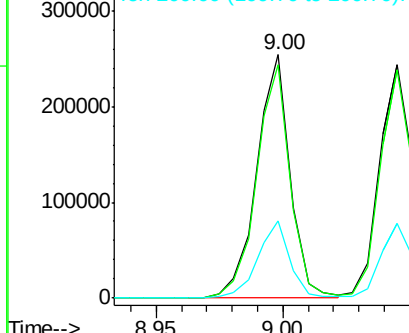


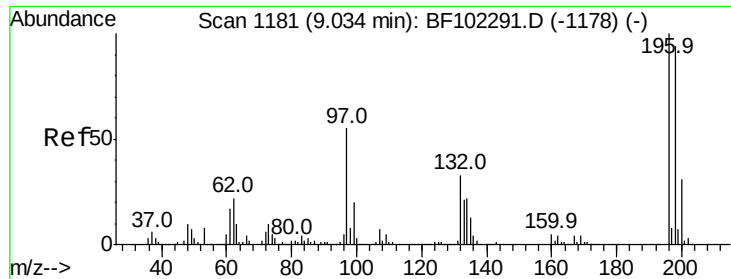
#42
 2,4,6-Trichlorophenol
 Concen: 40.657 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.7	113.5
200	31.7	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

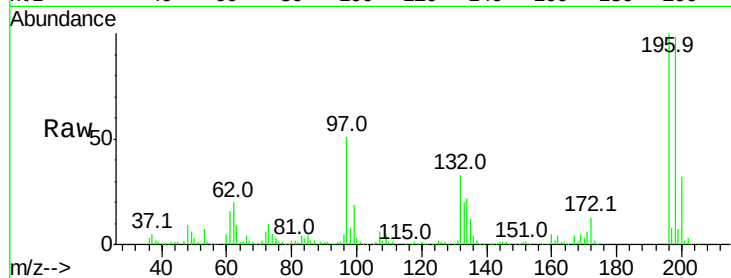




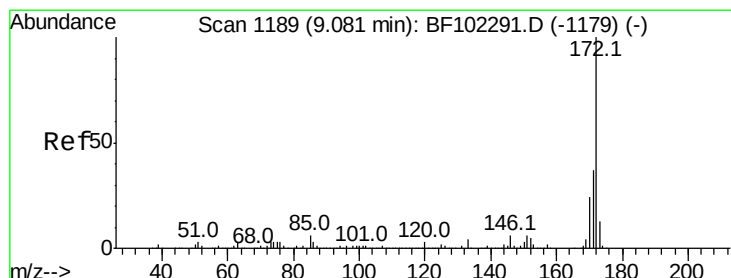
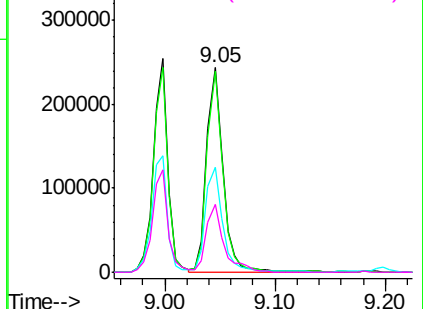
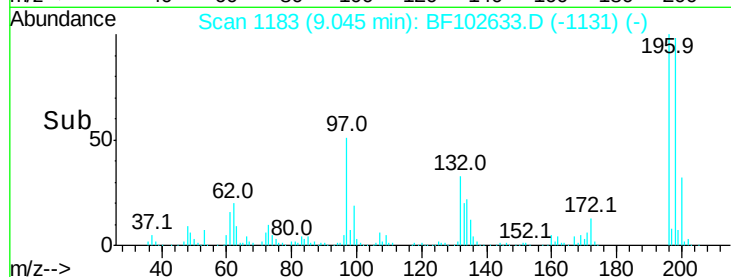
#43
 2,4,5-Trichlorophenol
 Concen: 38.283 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 246408
 Ion Ratio Lower Upper
 196 100
 198 98.1 74.6 112.0
 97 51.5 42.9 64.3
 132 33.1 26.3 39.5

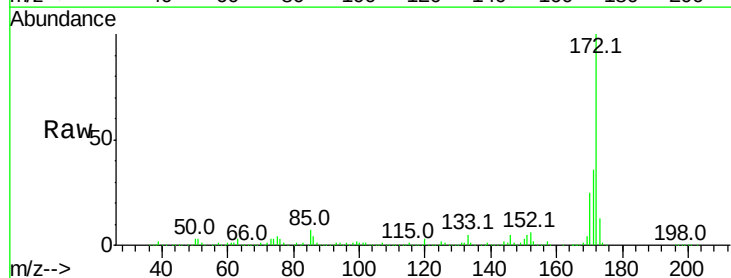


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

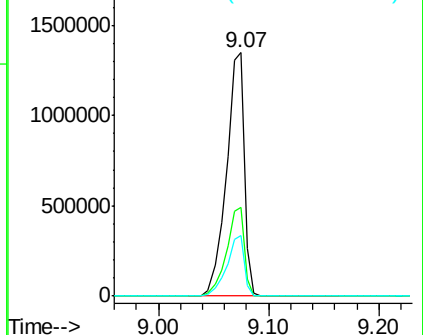
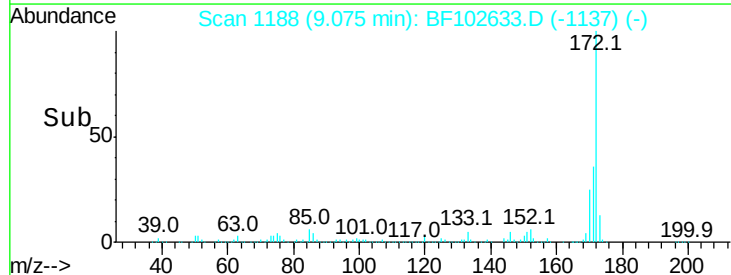


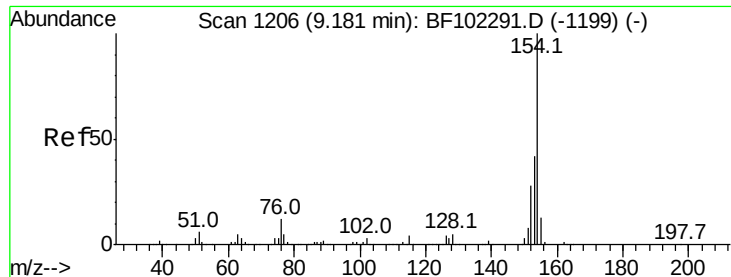
#44
 2-Fluorobiphenyl
 Concen: 79.427 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Tgt Ion:172 Resp: 1533277
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.7 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

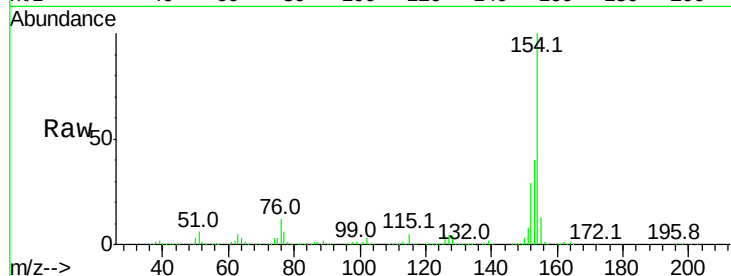




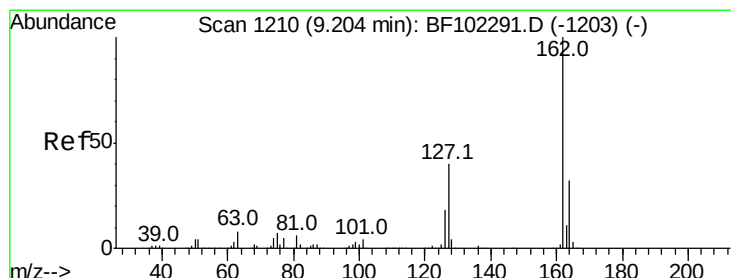
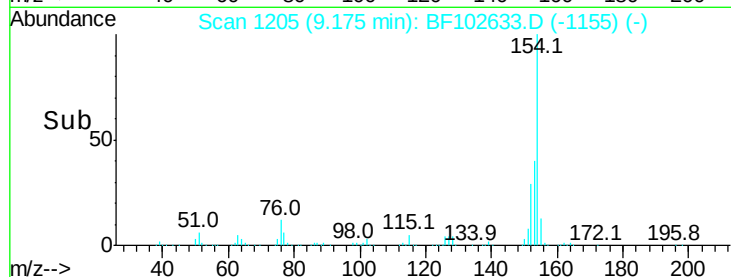
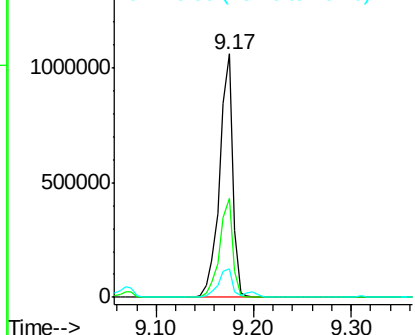
#45
1,1'-Biphenyl
Concen: 39.171 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.3	61.3
76	11.7	0.0	34.0

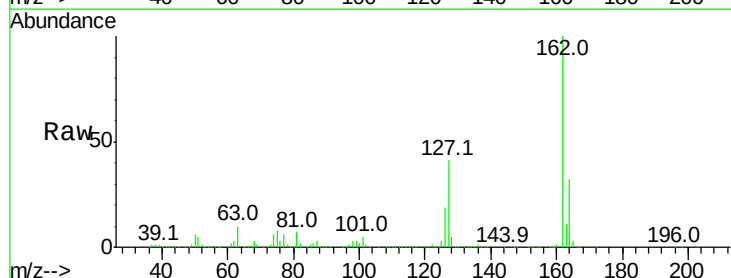


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

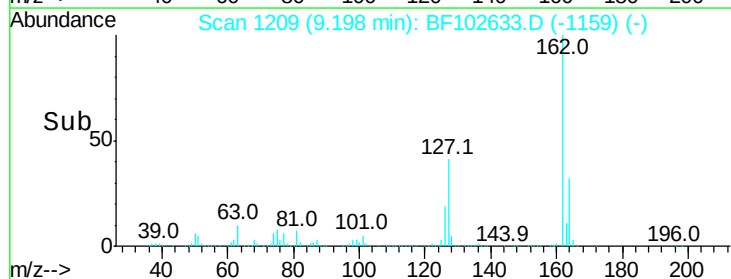
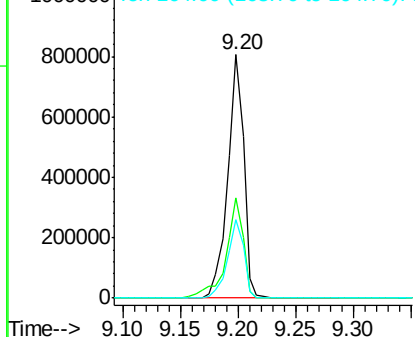


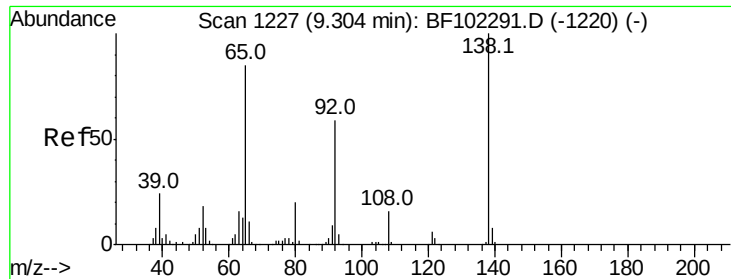
#46
2-Chloronaphthalene
Concen: 39.231 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.4	33.9	50.9
164	32.5	26.5	39.7



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





#47

2-Nitroaniline

Concen: 42.763 ng

RT: 9.30 min Scan# 1227

Delta R.T. 0.00 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Instrument :

BNA_F

ClientSampleId :

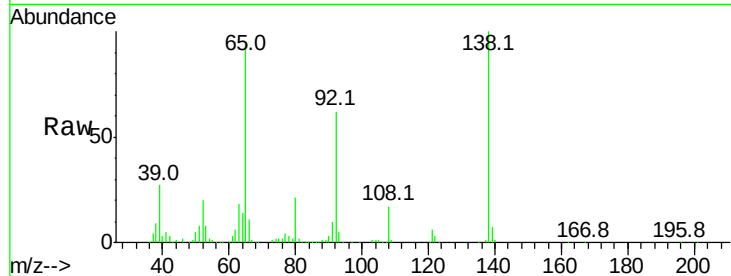
Tot Ion: 65 Resp: 263009

Ion Ratio Lower Upper

65 100

92 65.8 55.8 83.6

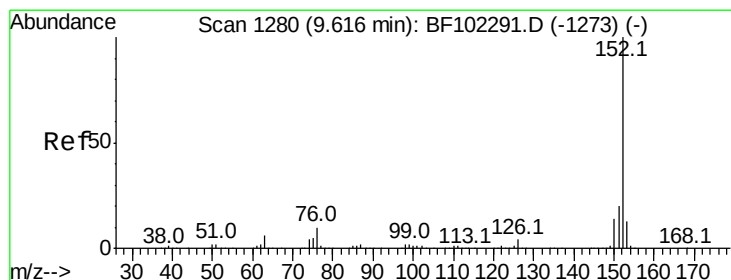
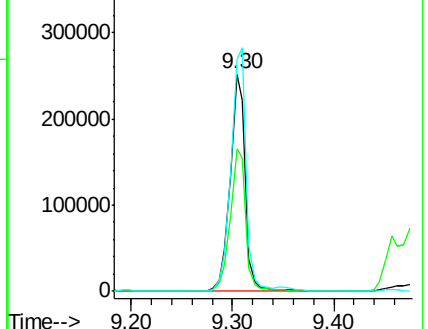
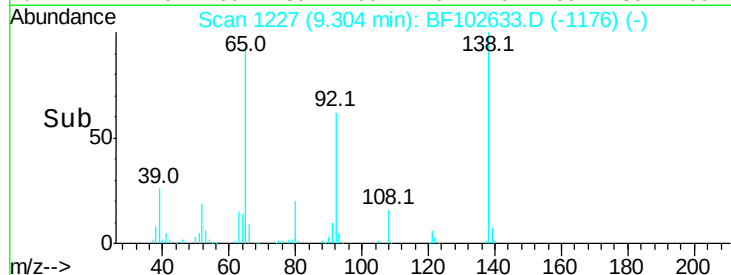
138 106.6 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 38.291 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

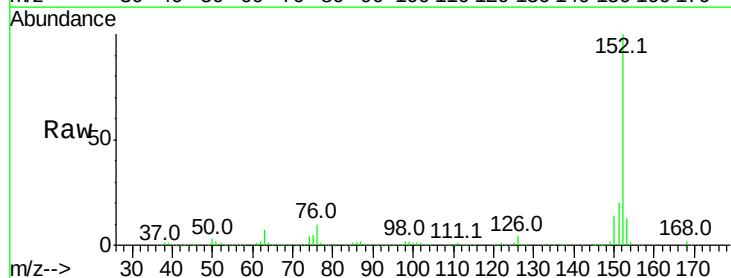
Tgt Ion: 152 Resp: 1176846

Ion Ratio Lower Upper

152 100

151 19.7 16.3 24.5

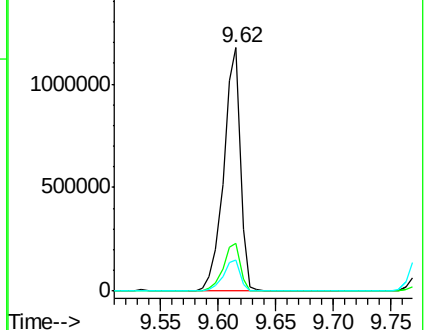
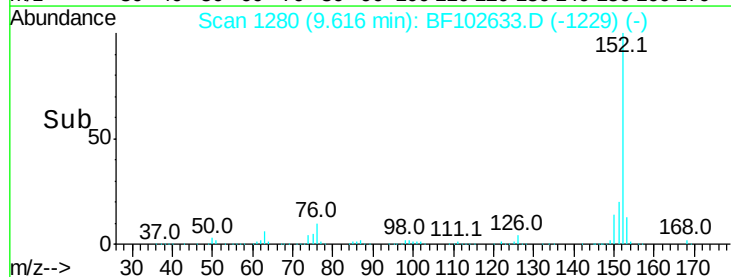
153 13.0 10.7 16.1

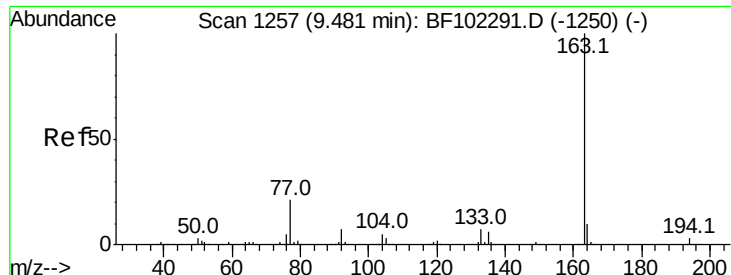


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

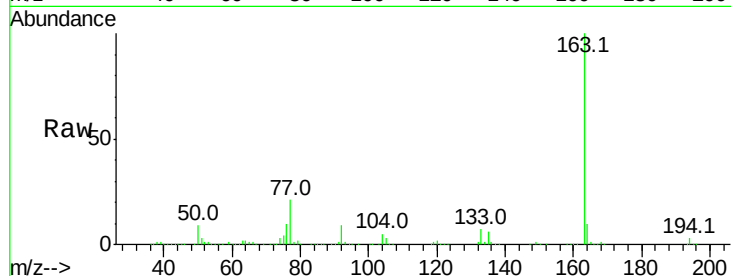




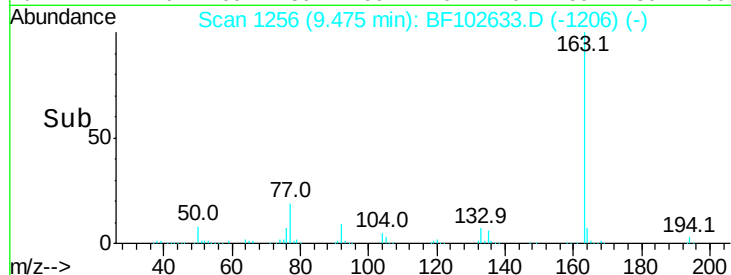
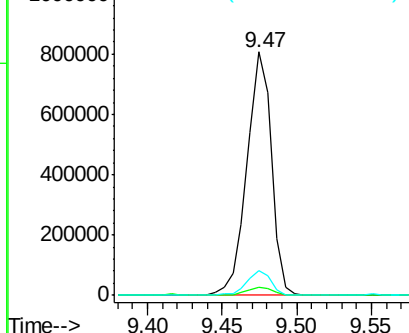
#49
Dimethylphthalate
Concen: 39.032 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 915727
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.3 8.2 12.2

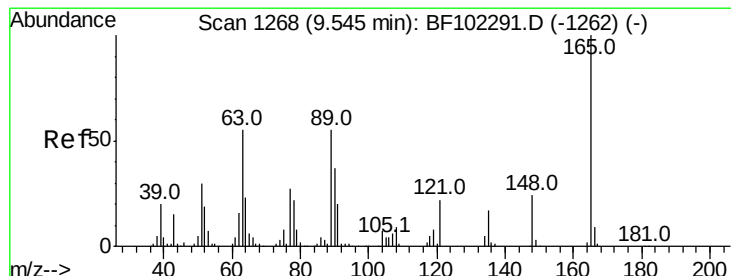


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

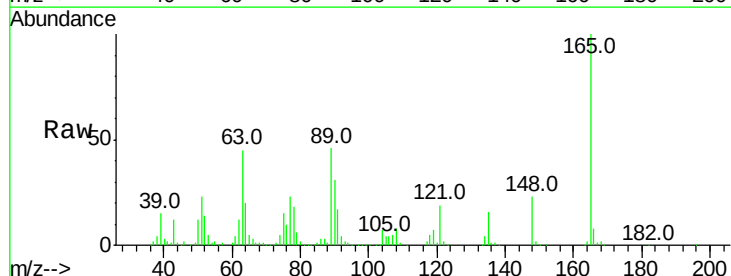
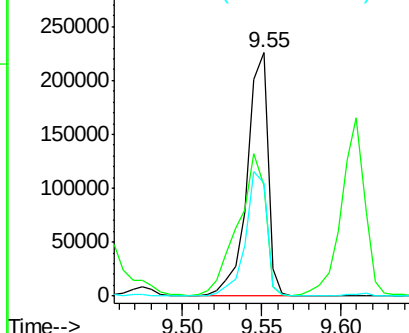


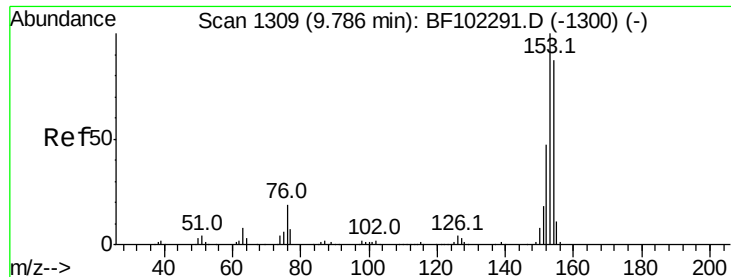
#50
2,6-Dinitrotoluene
Concen: 40.661 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion:165 Resp: 205672
Ion Ratio Lower Upper
165 100
63 45.4 44.7 67.1
89 46.2 44.0 66.0



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





#51

Acenaphthene

Concen: 38.469 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Instrument :

BNA_F

ClientSampleId :

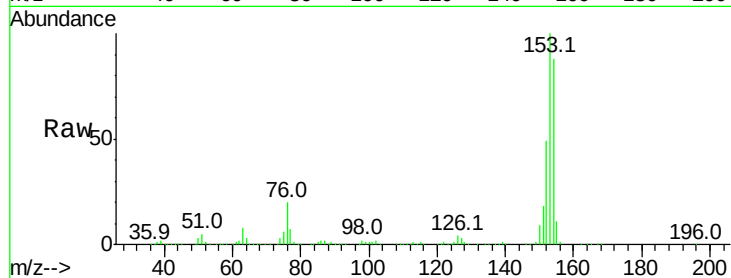
Tot Ion:154 Resp: 690497

Ion Ratio Lower Upper

154 100

153 114.2 91.2 136.8

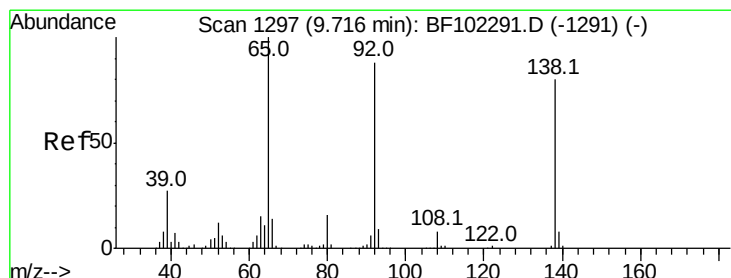
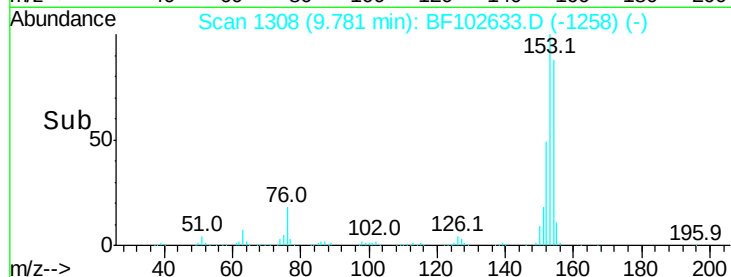
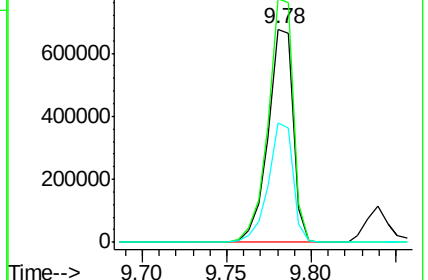
152 56.1 43.8 65.8



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: 15.798 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

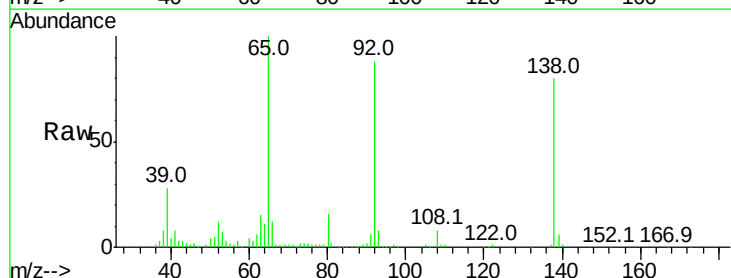
Tgt Ion:138 Resp: 94534

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

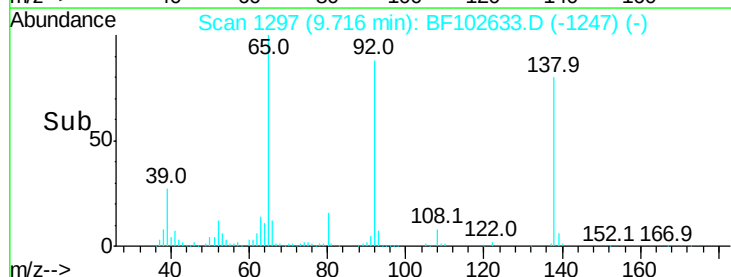
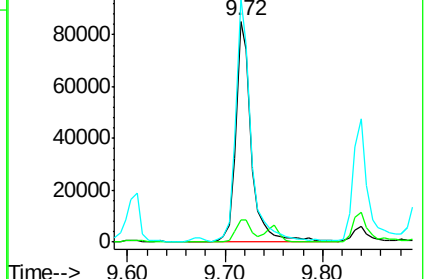
92 110.2 89.4 134.2

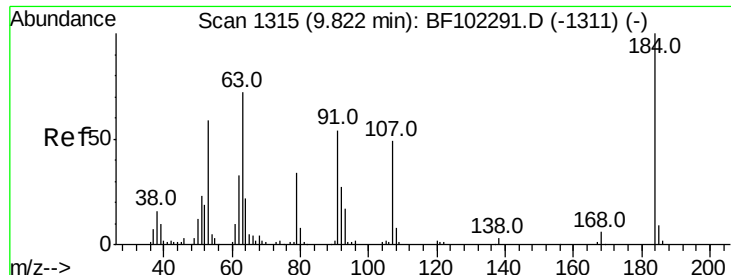


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

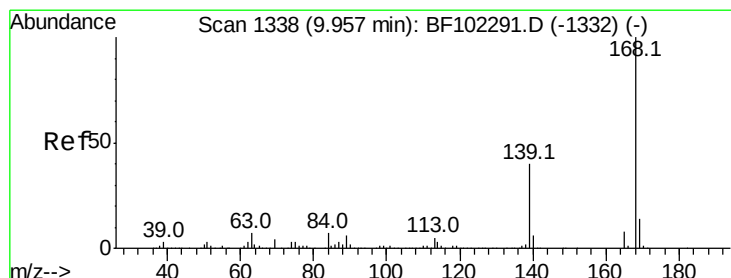
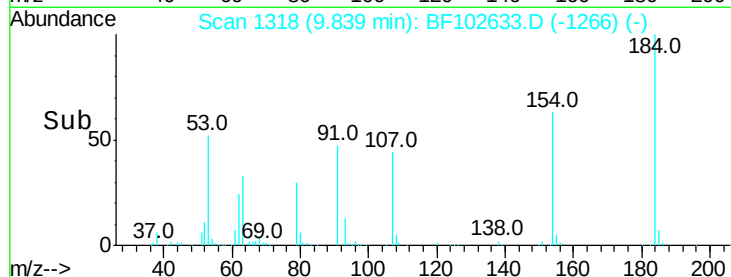
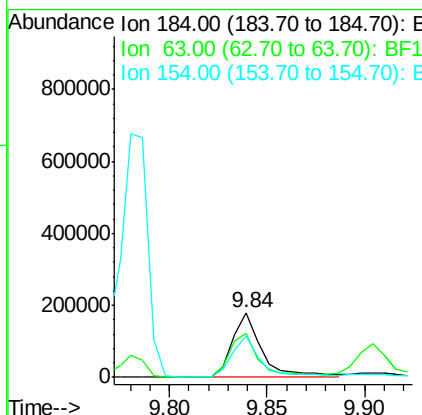
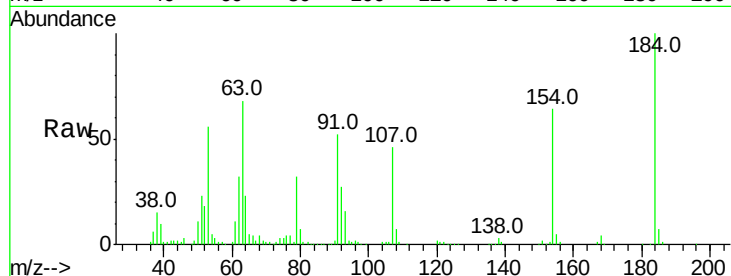




#53
 2,4-Dinitrophenol
 Concen: 83.590 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.01 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

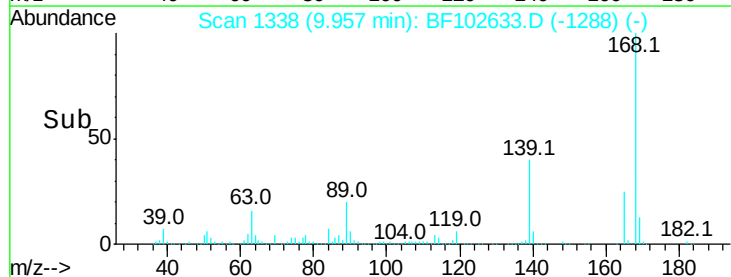
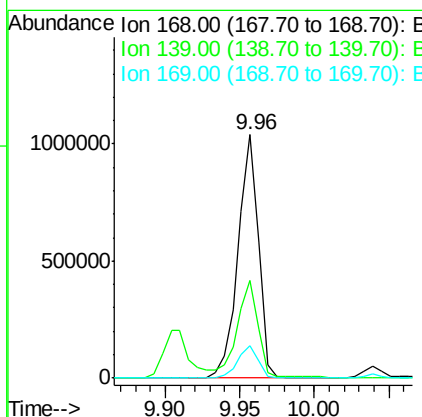
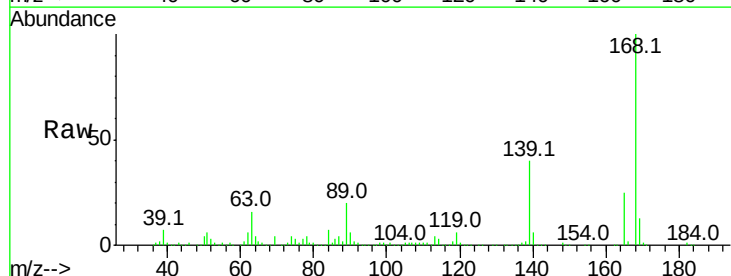
Instrument :
 BNA_F
 ClientSampled :

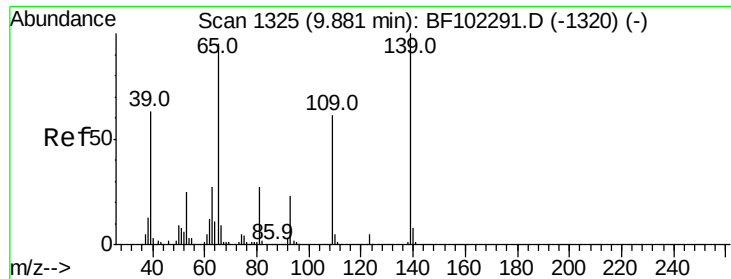
Tot Ion:184 Resp: 190103
 Ion Ratio Lower Upper
 184 100
 63 68.3 54.2 81.2
 154 63.7 184.0 276.0#



#54
 Dibenzofuran
 Concen: 41.049 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Tgt Ion:168 Resp: 997183
 Ion Ratio Lower Upper
 168 100
 139 40.3 30.1 45.1
 169 13.3 10.9 16.3

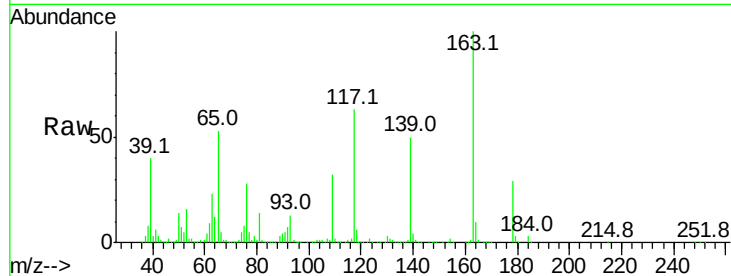




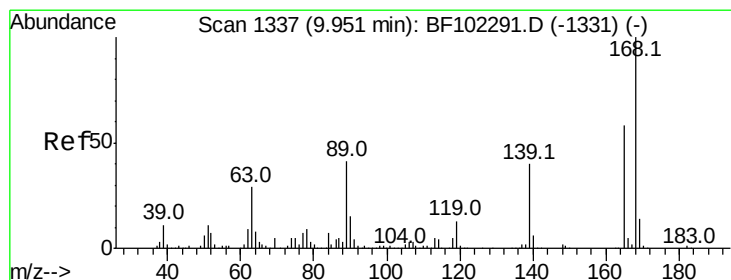
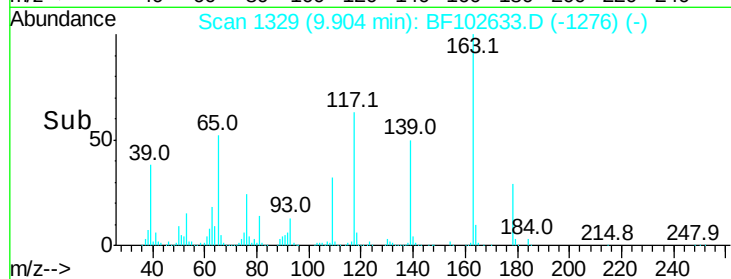
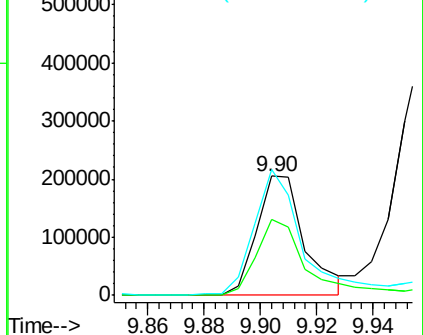
#55
4-Nitrophenol
Concen: 61.093 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 241312
Ion Ratio Lower Upper
139 100
109 63.9 48.4 88.4
65 105.4 72.6 112.6



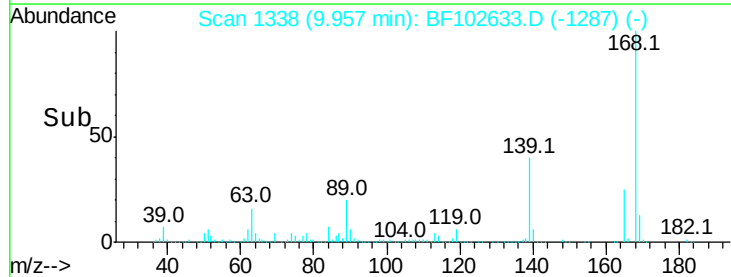
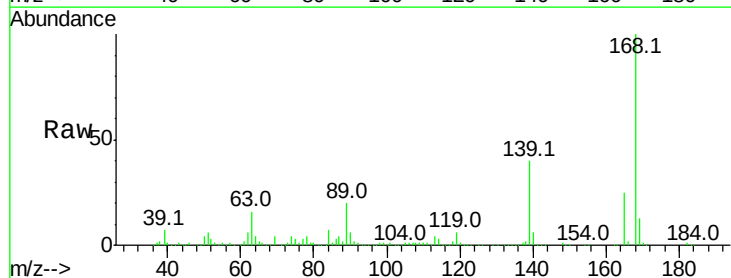
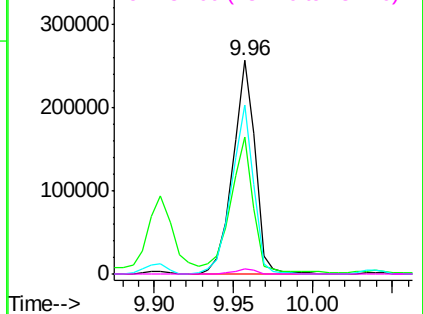
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

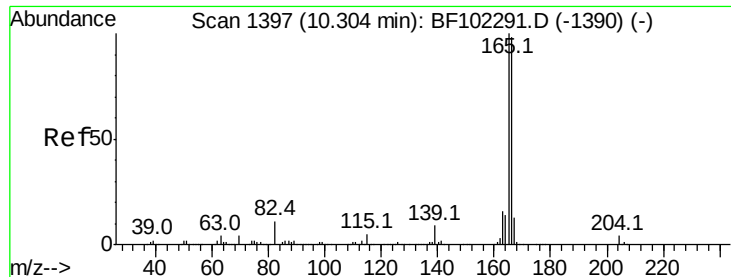


#56
2,4-Dinitrotoluene
Concen: 40.109 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion:165 Resp: 249489
Ion Ratio Lower Upper
165 100
63 64.4 36.4 54.6#
89 79.1 57.8 86.6
182 2.4 1.6 2.4#

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

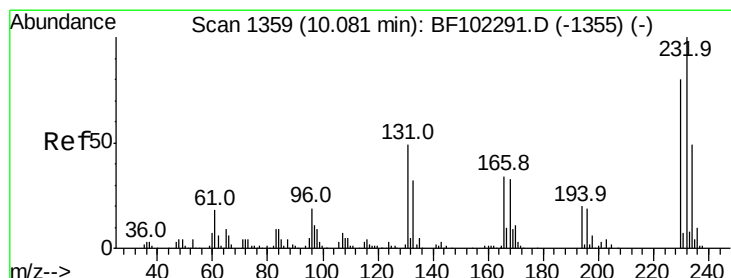
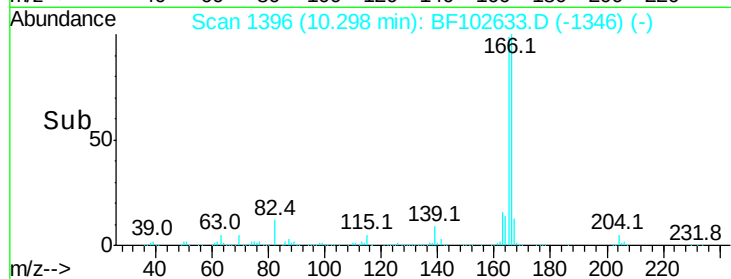
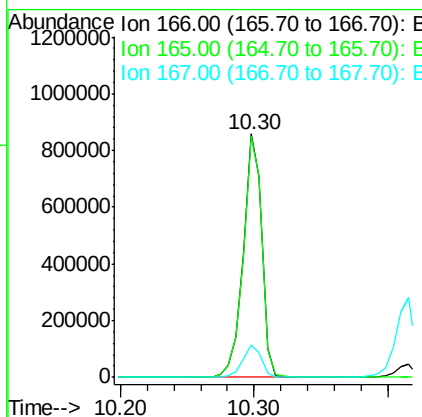
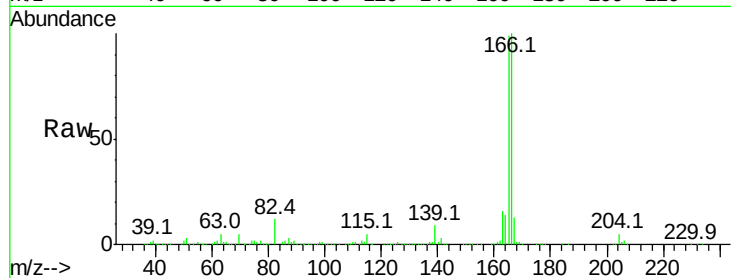




#57
 Fluorene
 Concen: 42.444 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

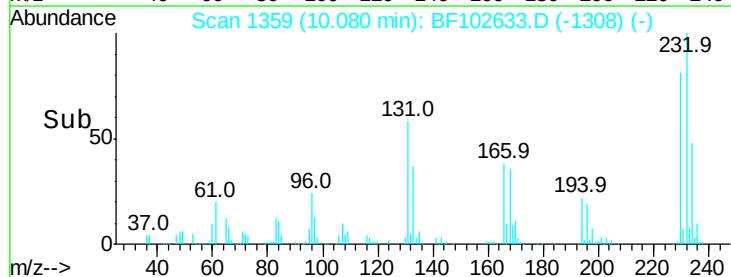
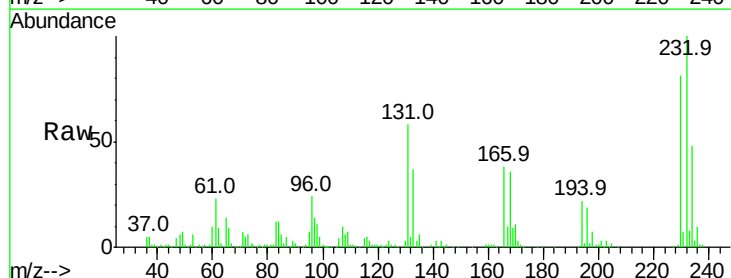
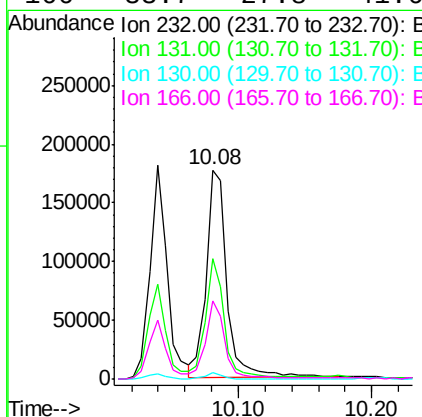
Instrument :
 BNA_F
 ClientSampled :

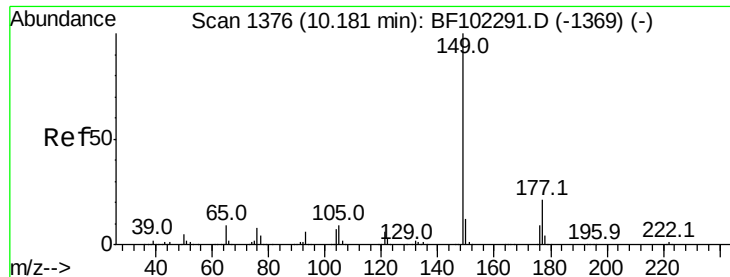
Tot Ion	166	Resp	817030
Ion Ratio	Lower	Upper	
166	100		
165	99.2	79.8	119.8
167	13.4	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.108 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Tgt Ion	232	Resp	193512
Ion Ratio	Lower	Upper	
232	100		
131	51.3	43.8	65.8
130	2.7	2.1	3.1
166	33.7	27.8	41.6

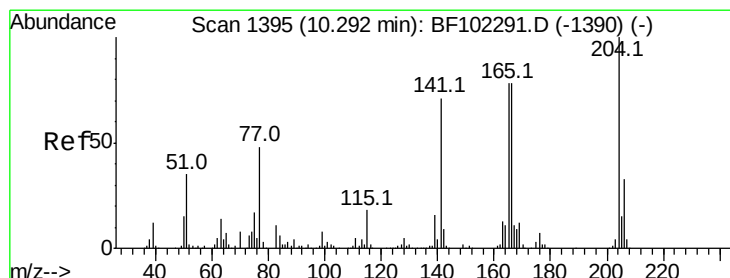
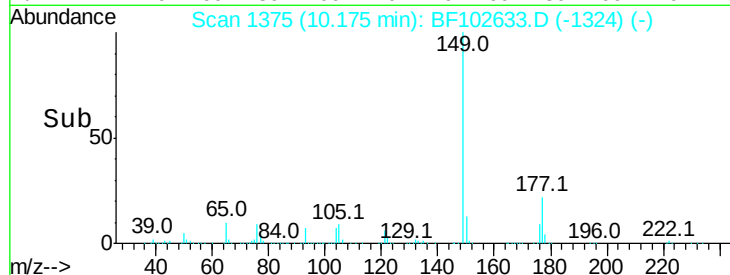
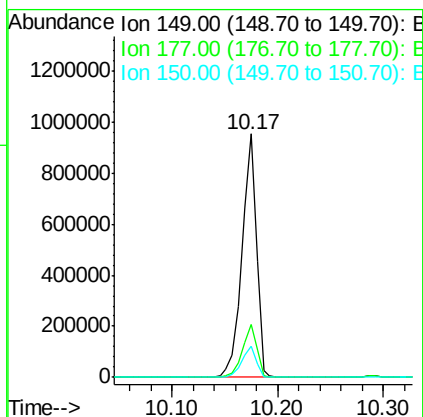
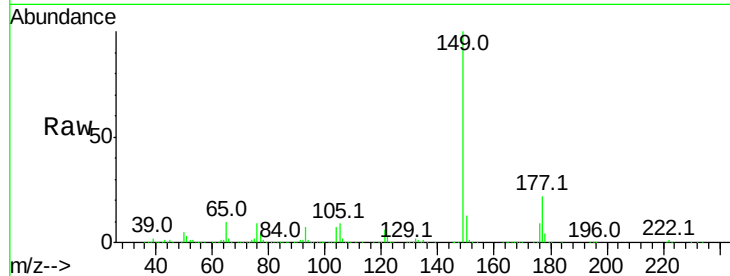




#59
Diethylphthalate
Concen: 39.107 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

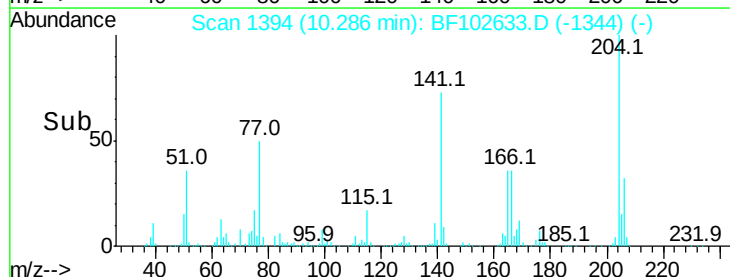
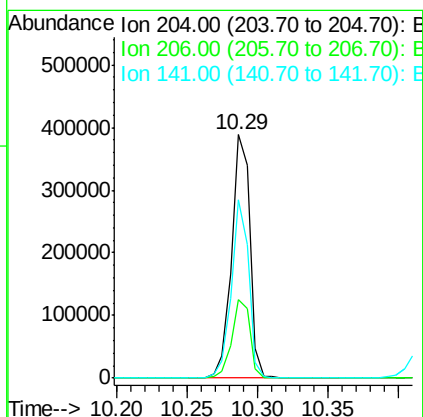
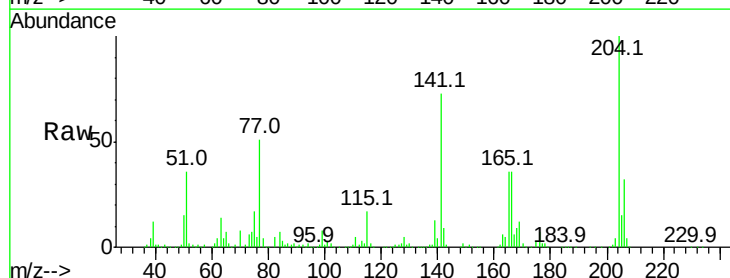
Instrument :
BNA_F
ClientSampleId :

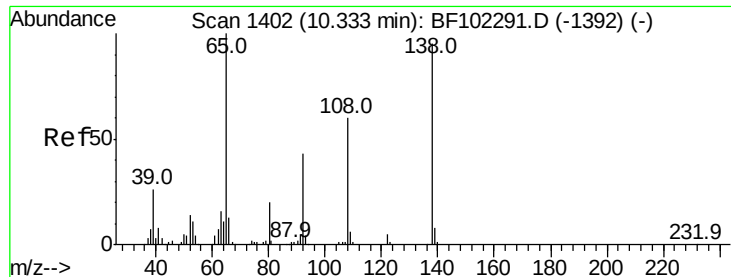
Tot Ion:149 Resp: 891580
Ion Ratio Lower Upper
149 100
177 21.7 16.1 24.1
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.964 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion:204 Resp: 350221
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 73.4 54.6 81.8

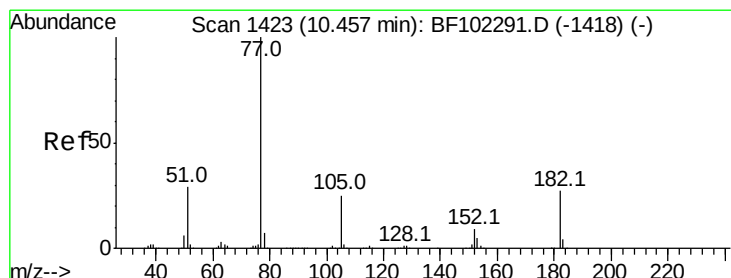
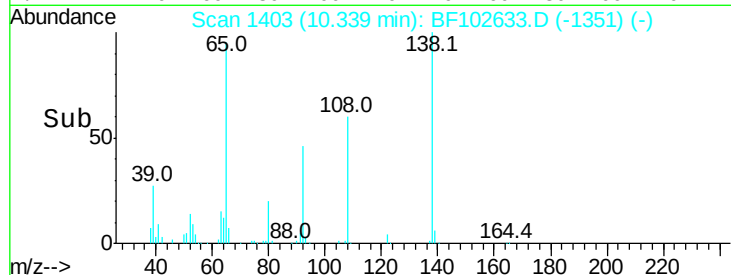
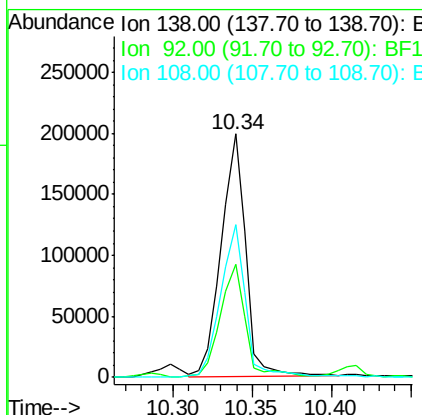
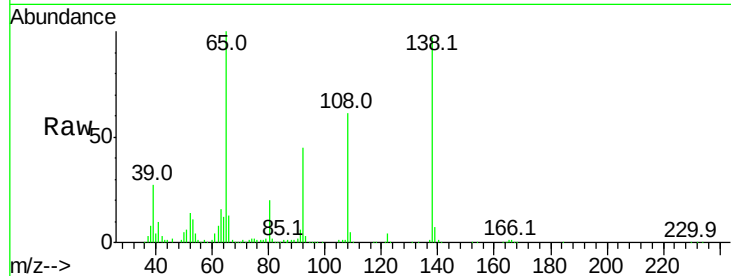




#61
4-Nitroaniline
Concen: 35.419 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

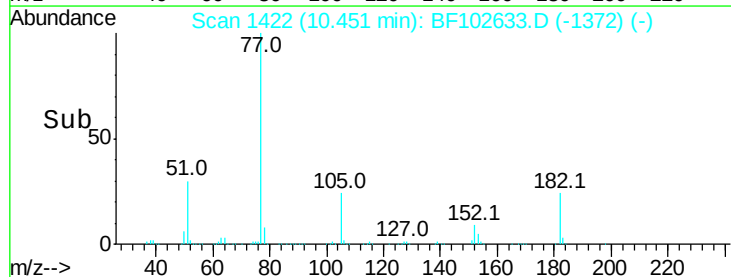
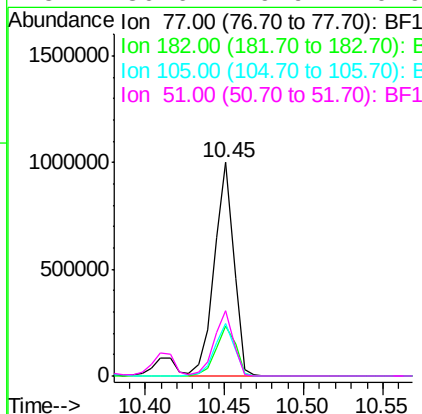
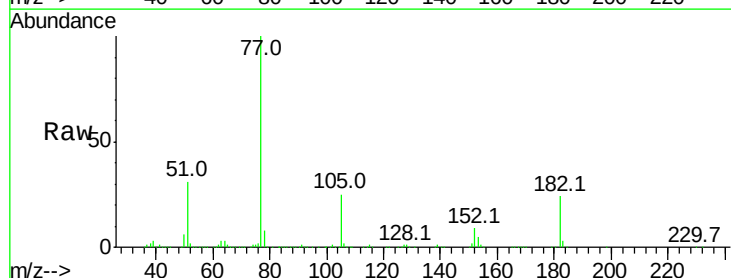
Instrument :
BNA_F
ClientSampleId :

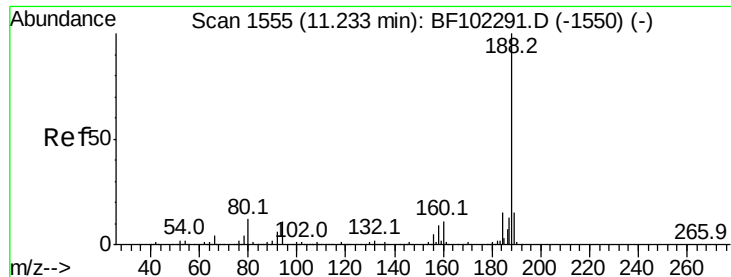
Tot Ion:138 Resp: 211489
Ion Ratio Lower Upper
138 100
92 46.6 30.2 70.2
108 62.7 52.5 92.5



#62
Azobenzene
Concen: 40.748 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion: 77 Resp: 850541
Ion Ratio Lower Upper
77 100
182 23.5 1.7 41.7
105 24.9 3.0 43.0
51 30.6 9.9 49.9

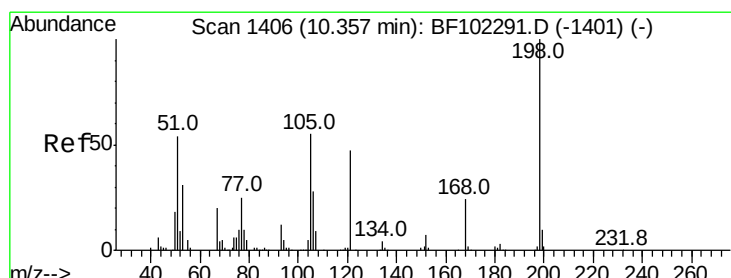
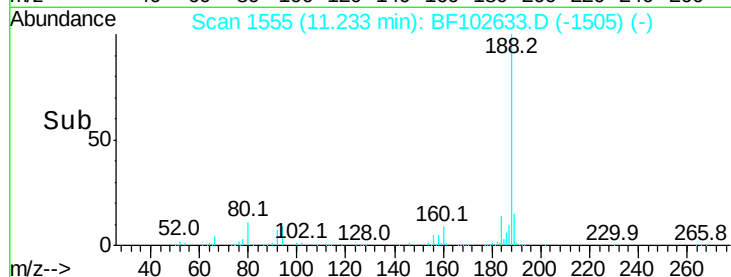
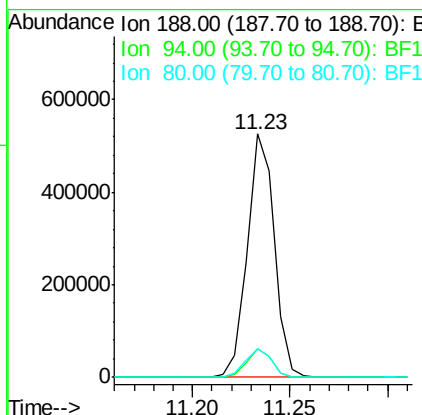
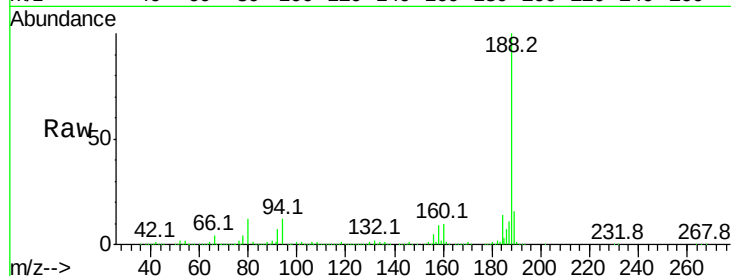




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

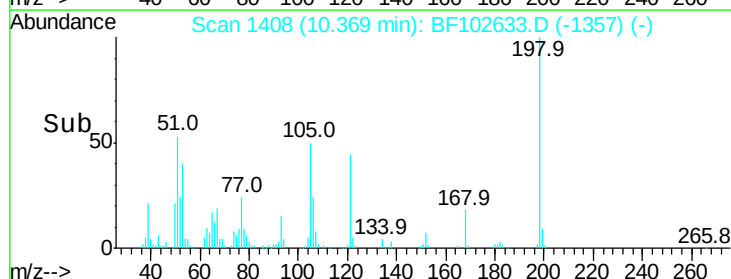
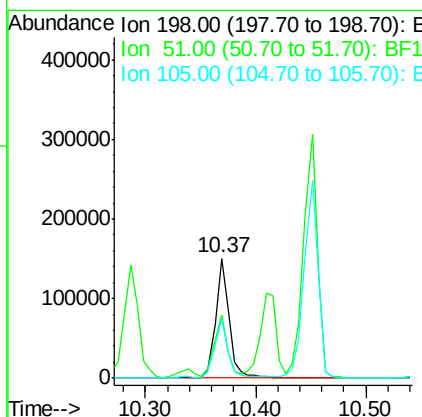
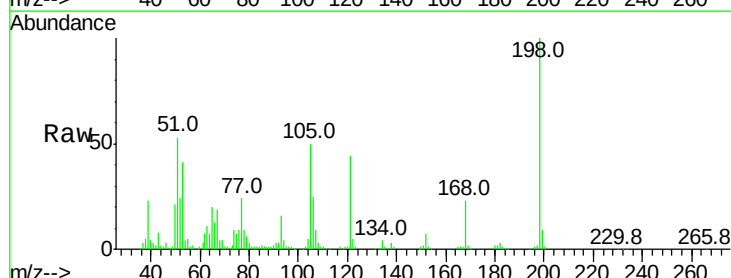
Instrument :
BNA_F
ClientSampleId :

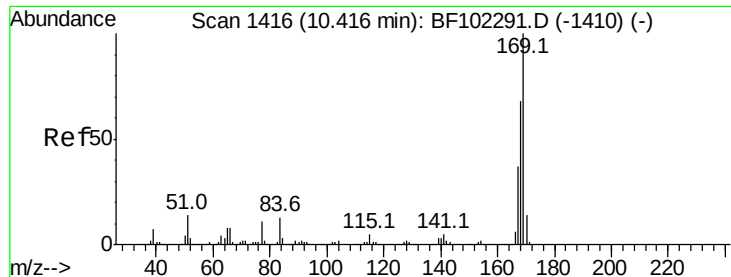
Tot Ion:188 Resp: 506412
Ion Ratio Lower Upper
188 100
94 11.7 8.5 12.7
80 11.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 38.246 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion:198 Resp: 129216
Ion Ratio Lower Upper
198 100
51 53.1 37.7 77.7
105 49.7 36.3 76.3

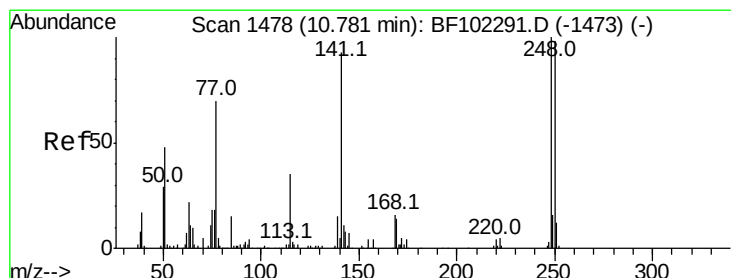
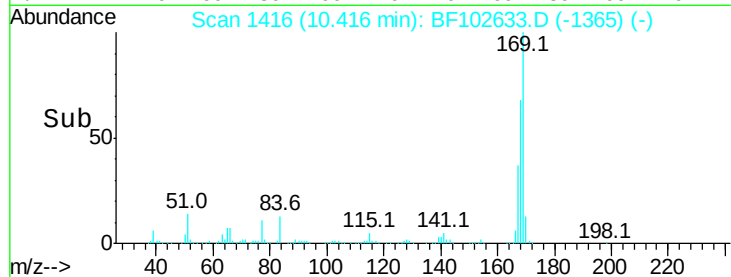
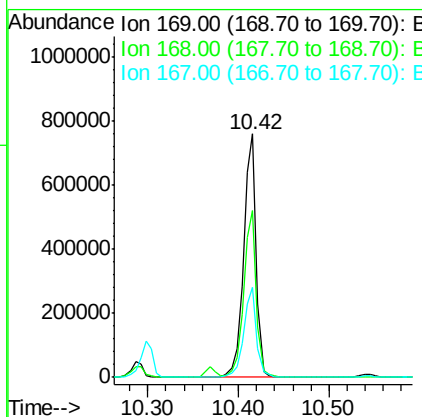
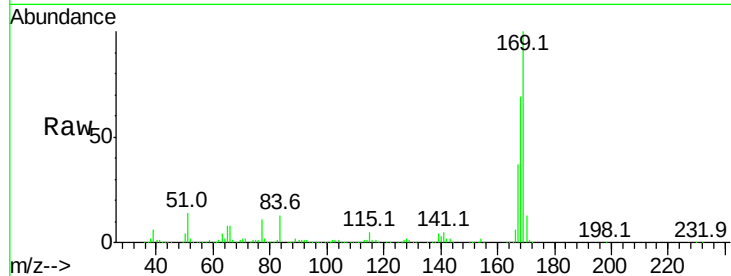




#65
 n-Nitrosodiphenylamine
 Concen: 39.677 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

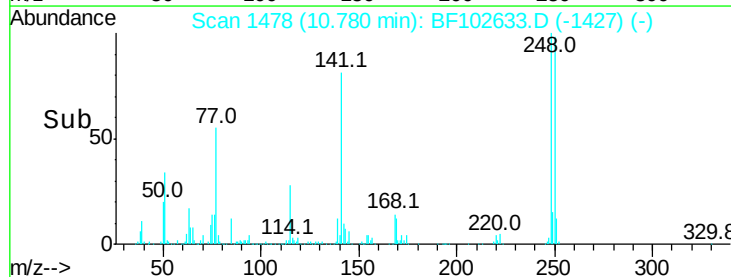
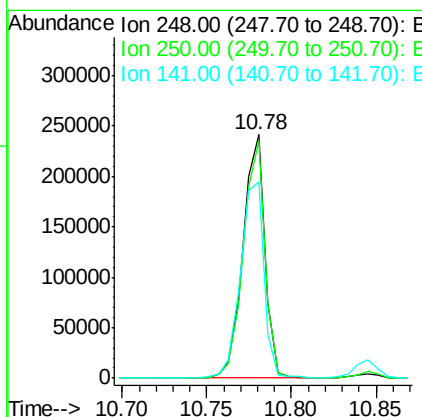
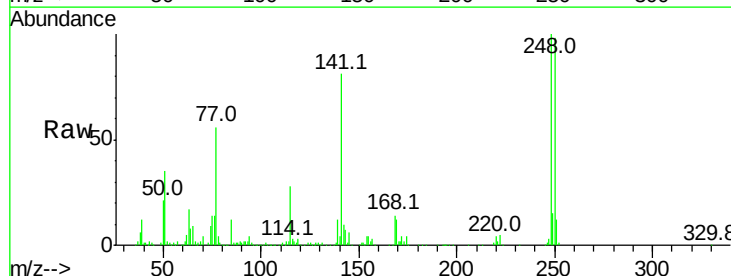
Instrument :
 BNA_F
 ClientSampled :

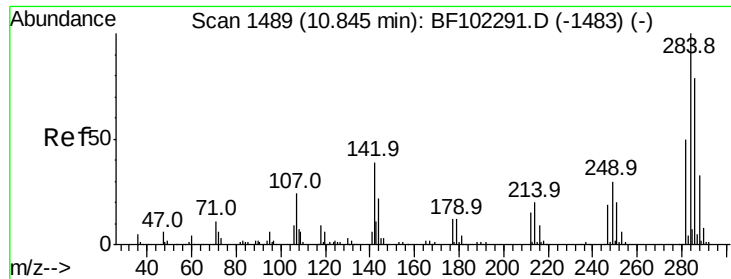
Tot Ion:169 Resp: 737493
 Ion Ratio Lower Upper
 169 100
 168 68.7 54.4 81.6
 167 37.2 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 40.196 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. 0.00 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Tgt Ion:248 Resp: 219130
 Ion Ratio Lower Upper
 248 100
 250 97.5 76.9 115.3
 141 80.7 74.4 111.6

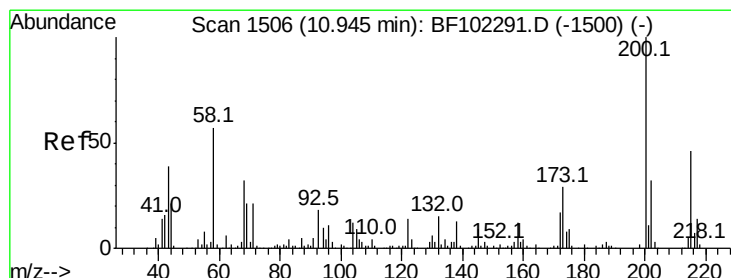
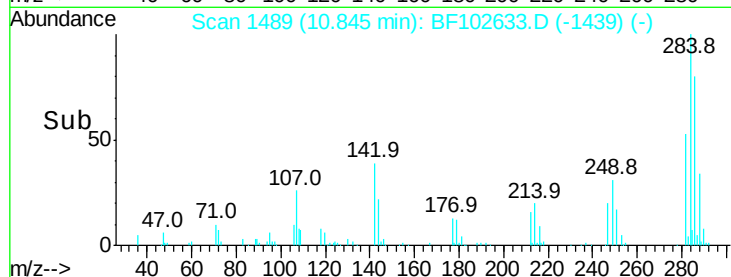
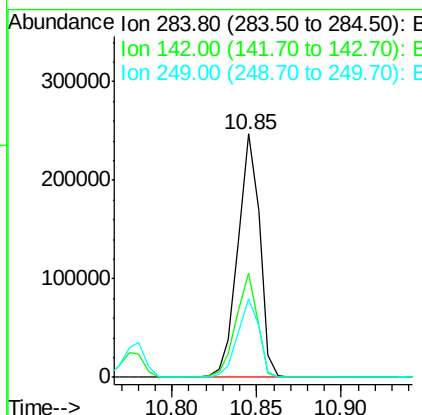
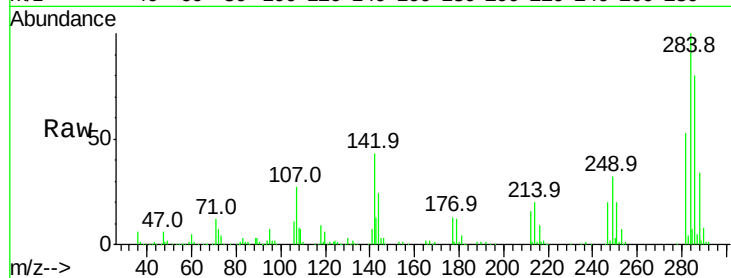




#67
Hexachlorobenzene
Concen: 36.376 ng
RT: 10.85 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

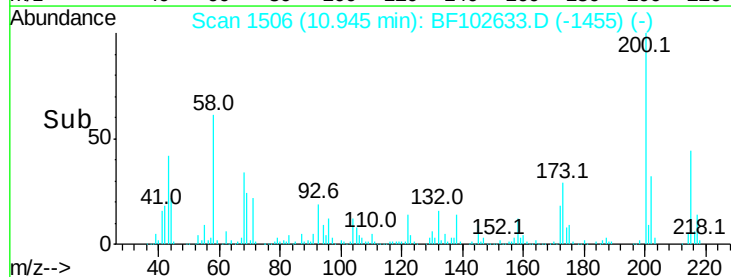
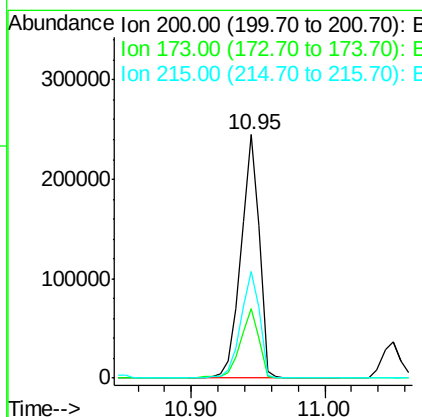
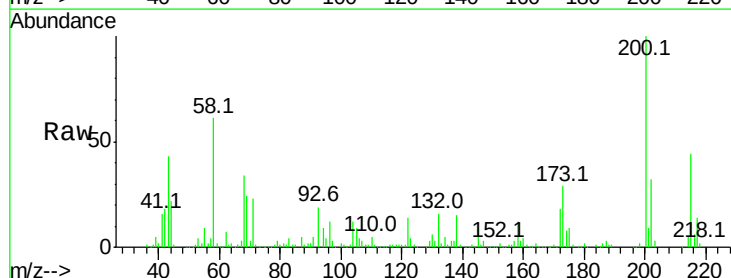
Instrument :
BNA_F
ClientSampleId :

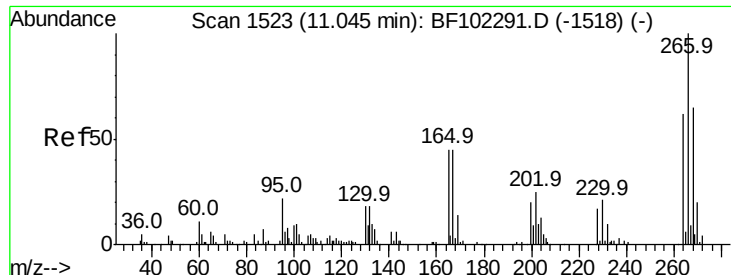
Tot Ion:284 Resp: 221781
Ion Ratio Lower Upper
284 100
142 43.0 34.6 52.0
249 32.0 24.8 37.2



#68
Atrazine
Concen: 42.692 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion:200 Resp: 234368
Ion Ratio Lower Upper
200 100
173 28.8 8.6 48.6
215 43.6 25.1 65.1

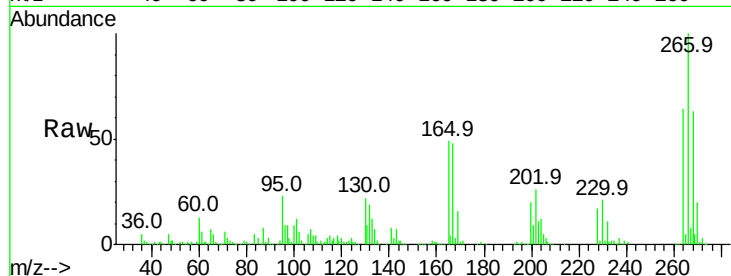




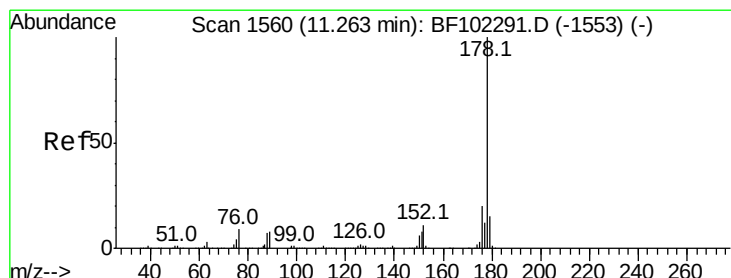
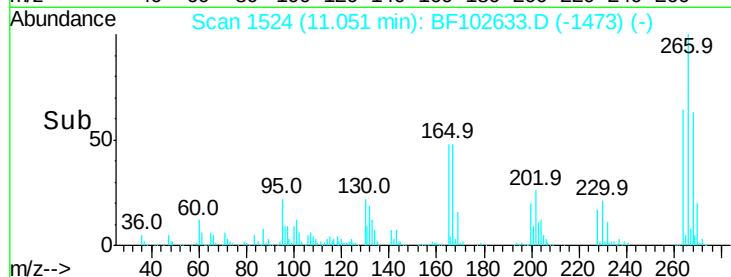
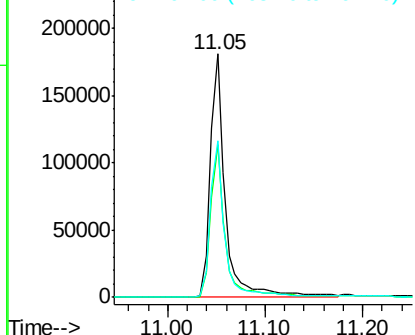
#69
 Pentachlorophenol
 Concen: 61.075 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.1	76.7
264	64.1	49.5	74.3

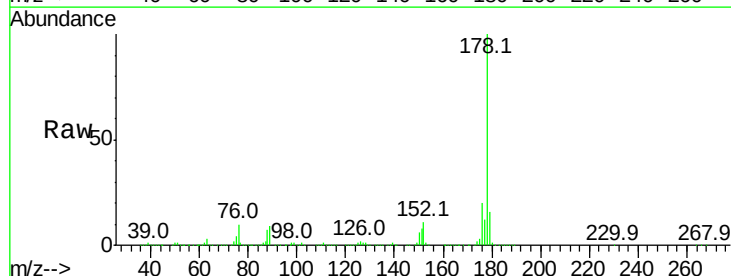


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

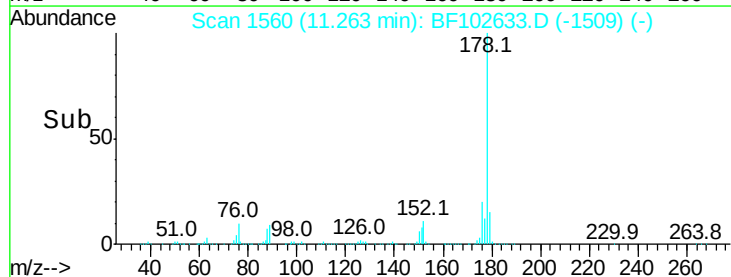
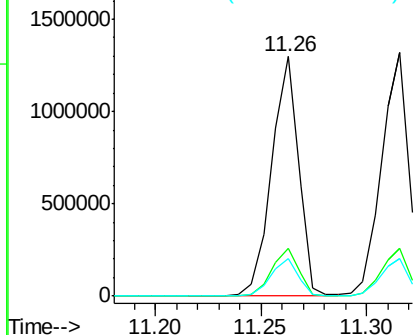


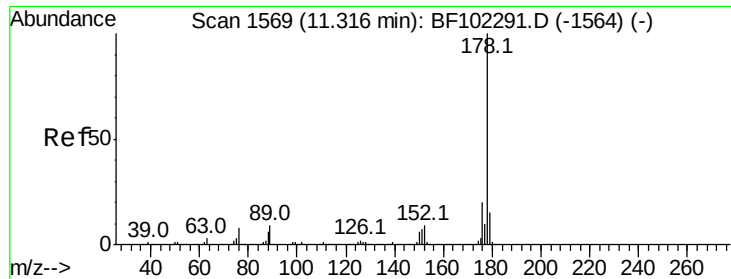
#70
 Phenanthrene
 Concen: 39.183 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	15.7	13.0	19.6



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

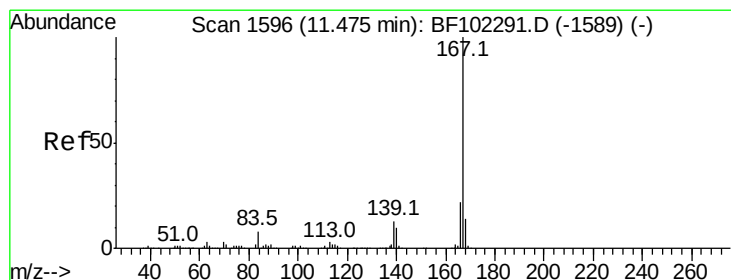
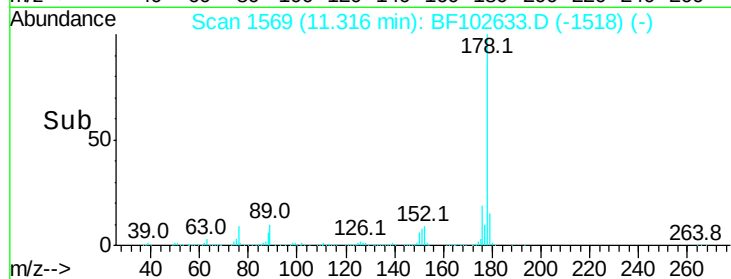
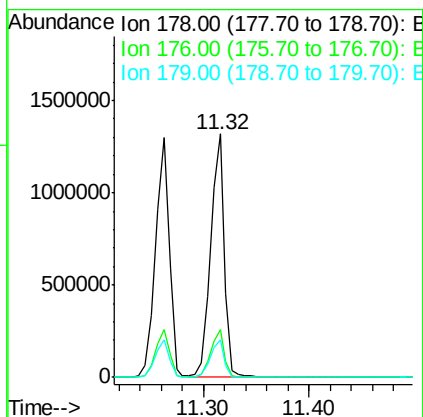
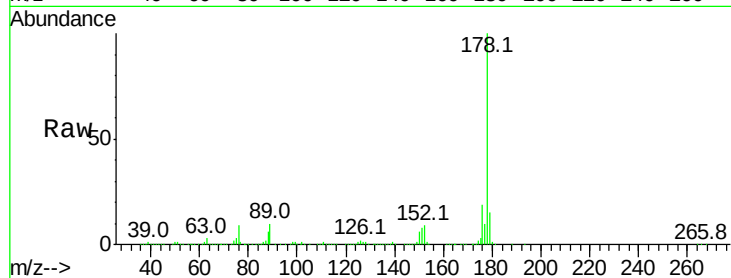




#71
 Anthracene
 Concen: 40.087 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

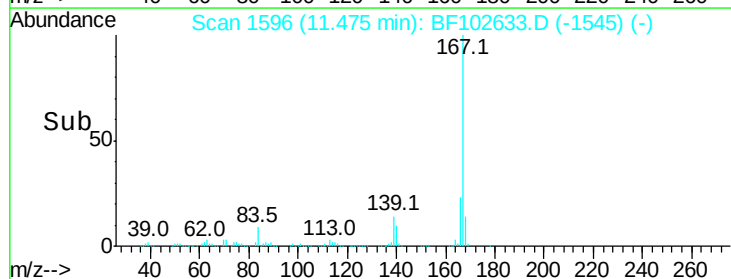
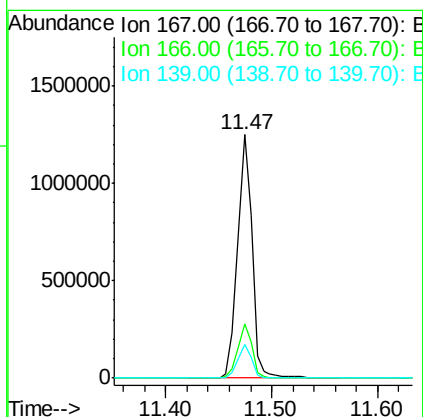
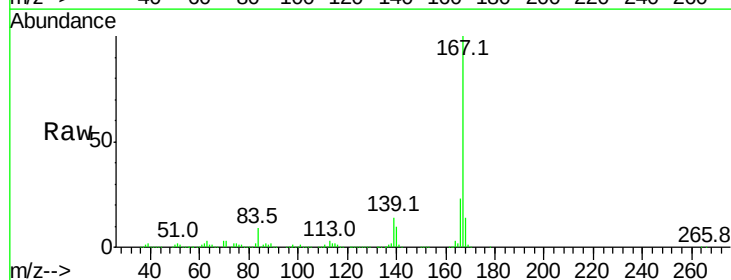
Instrument :
 BNA_F
 ClientSampleId :

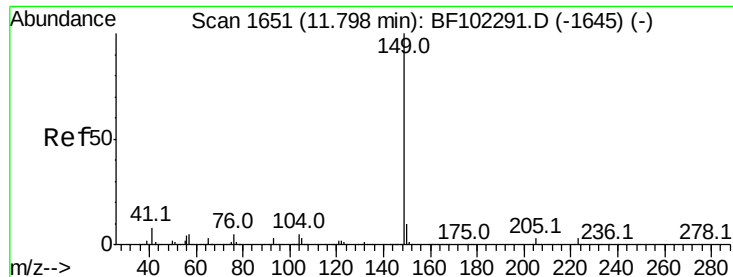
Tot Ion:178 Resp: 1207434
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 39.960 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Tgt Ion:167 Resp: 1174220
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 14.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.837 ng

RT: 11.79 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Instrument :

BNA_F

ClientSampleId :

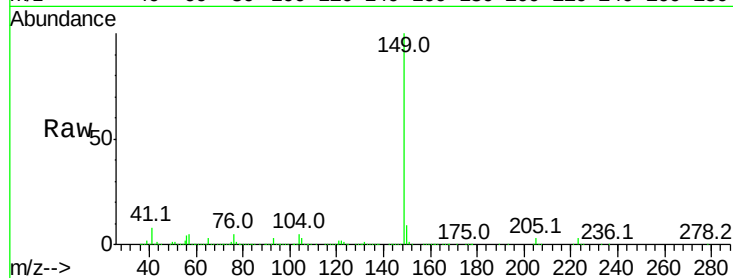
Tot Ion:149 Resp: 1426504

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

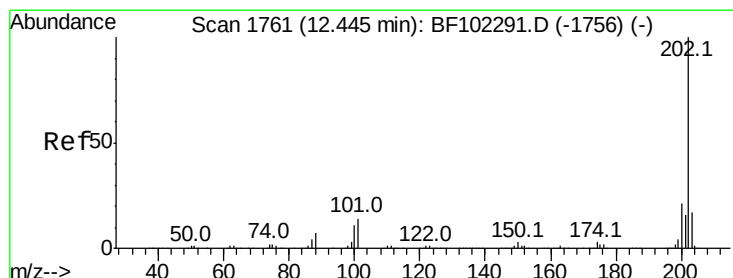
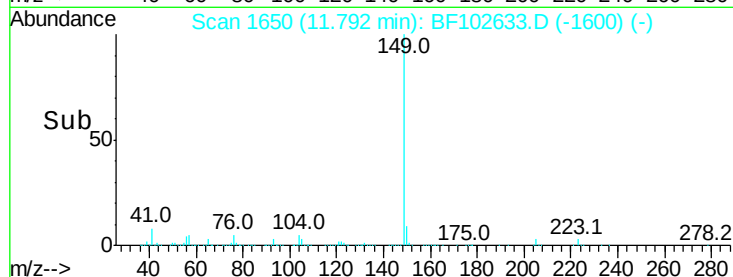
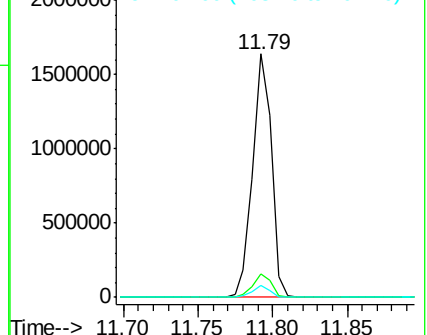
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.078 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

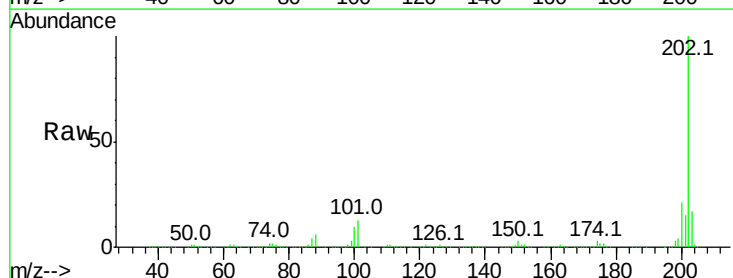
Tgt Ion:202 Resp: 1236155

Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.1

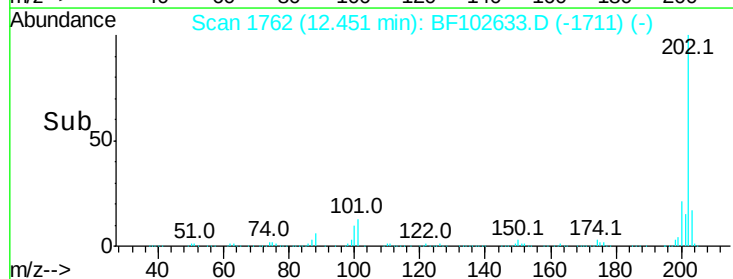
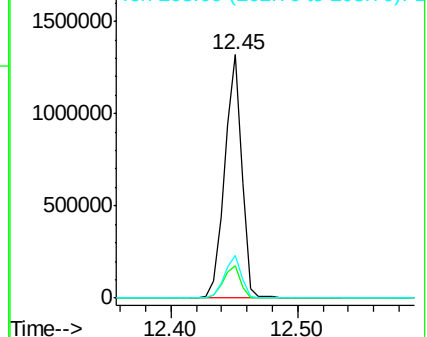
203 17.3 0.0 38.1

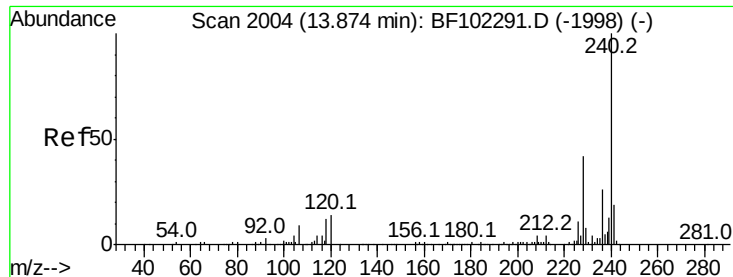


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Instrument :

BNA_F

ClientSampleId :

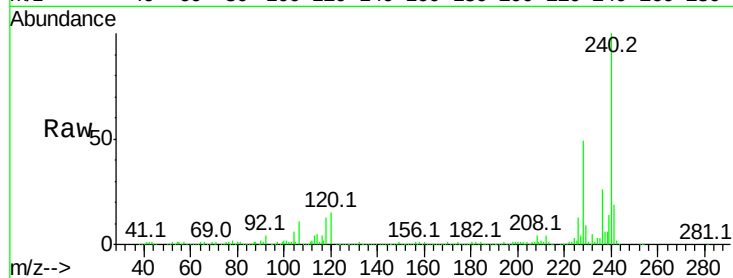
Tot Ion:240 Resp: 413161

Ion Ratio Lower Upper

240 100

120 14.7 9.5 14.3#

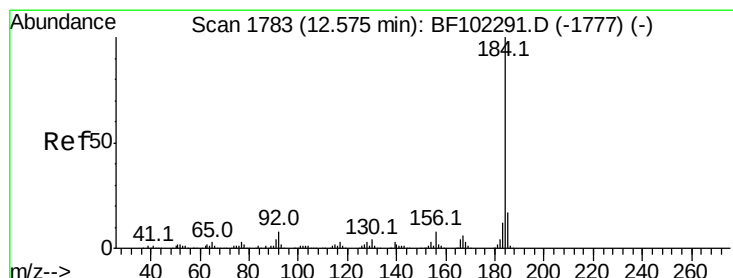
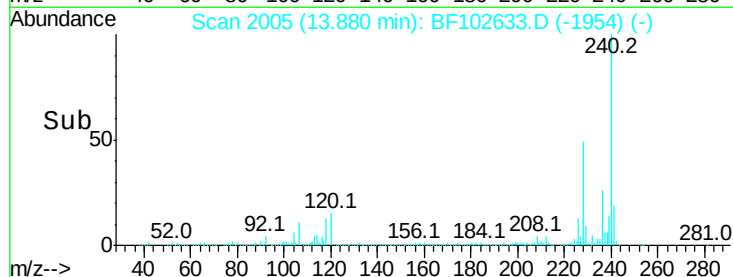
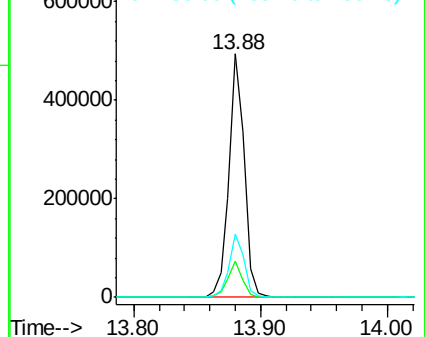
236 25.9 20.7 31.1



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: 20.750 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

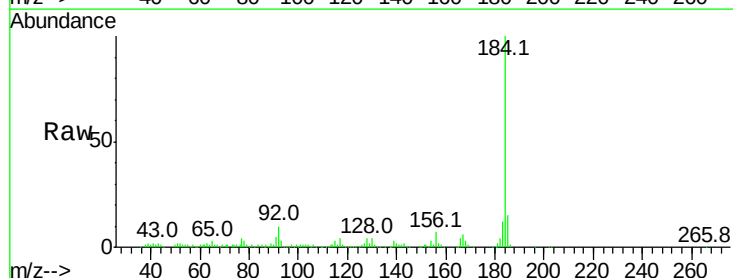
Tgt Ion:184 Resp: 287999

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

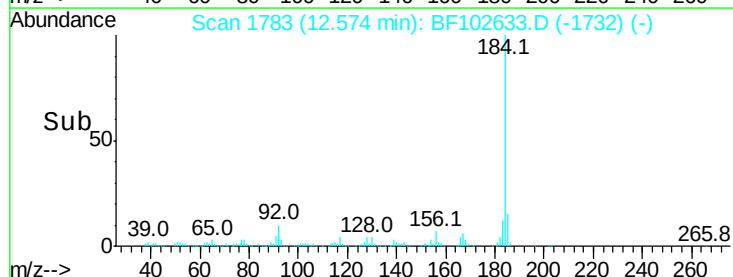
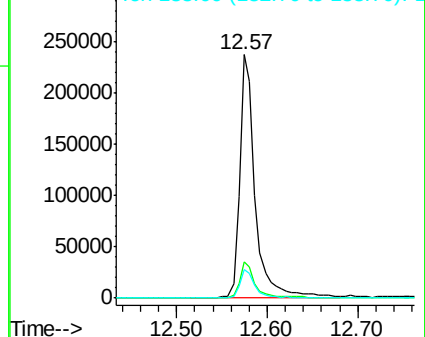
183 11.9 9.3 13.9

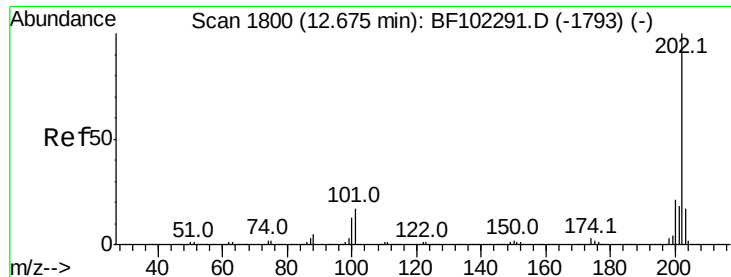


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.996 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Instrument :

BNA_F

ClientSampleId :

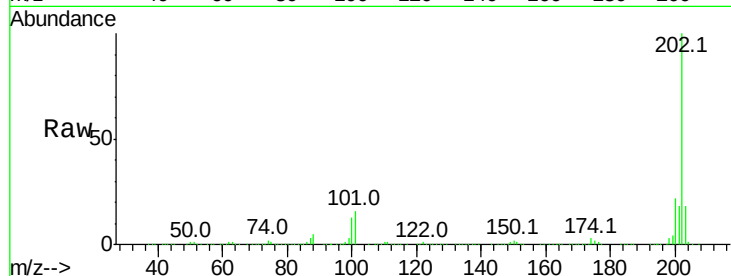
Tot Ion:202 Resp: 1245683

Ion Ratio Lower Upper

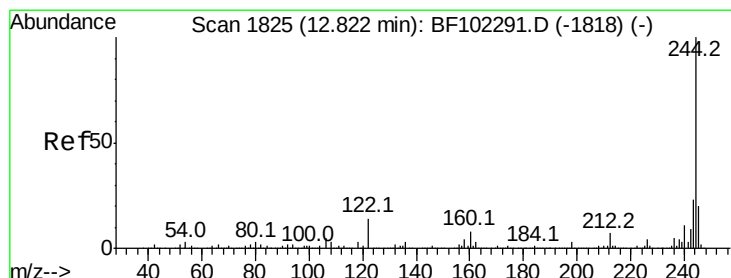
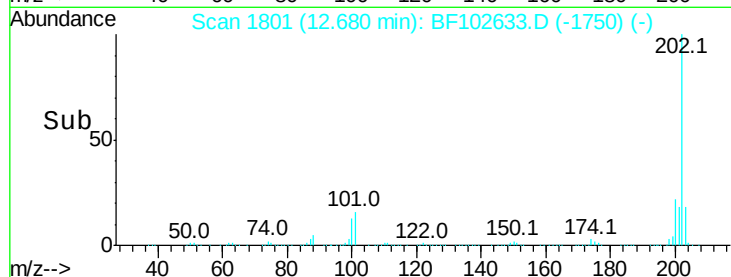
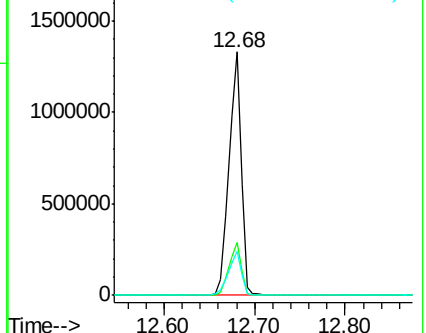
202 100

200 21.8 17.4 26.2

203 17.9 14.3 21.5



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



#78

Terphenyl-d14

Concen: 80.265 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

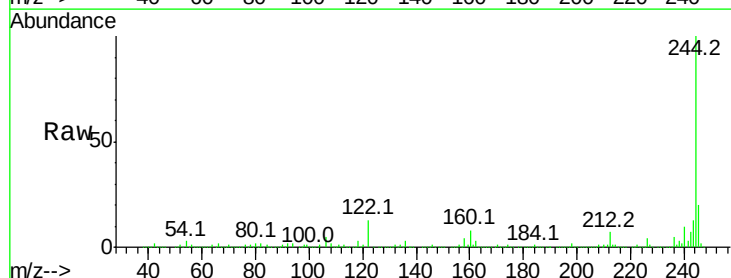
Tgt Ion:244 Resp: 1471032

Ion Ratio Lower Upper

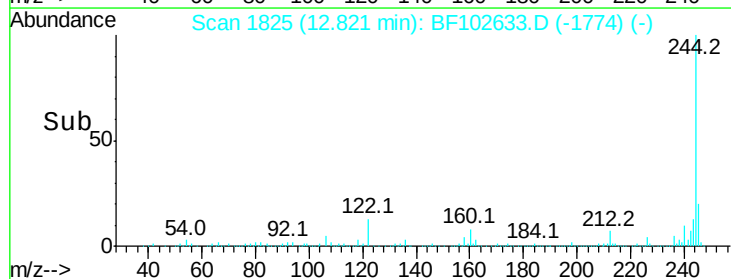
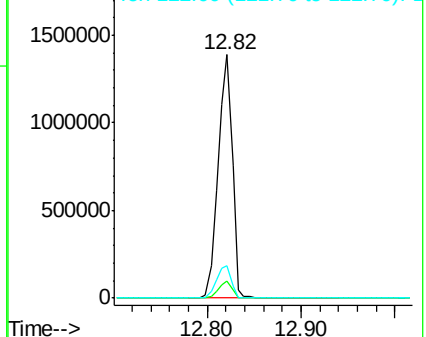
244 100

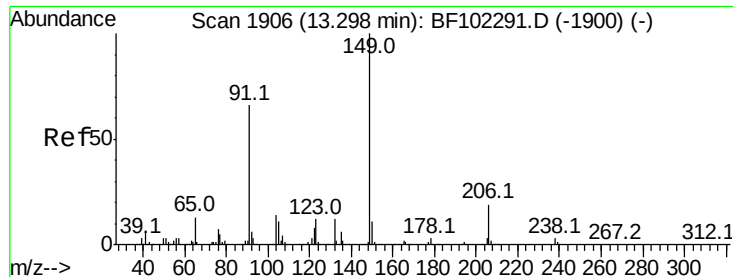
212 7.0 5.4 8.0

122 13.3 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

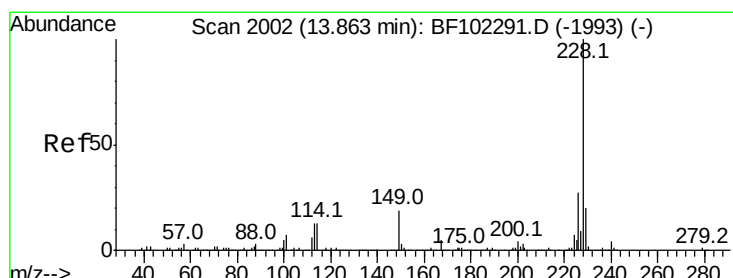
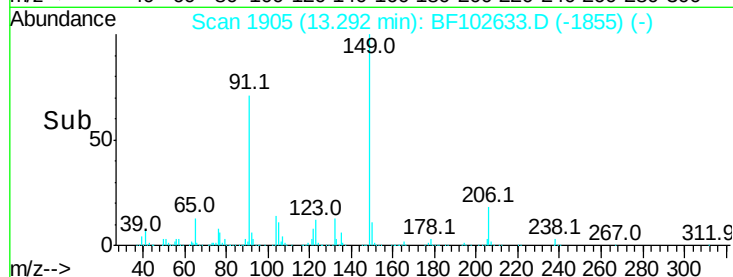
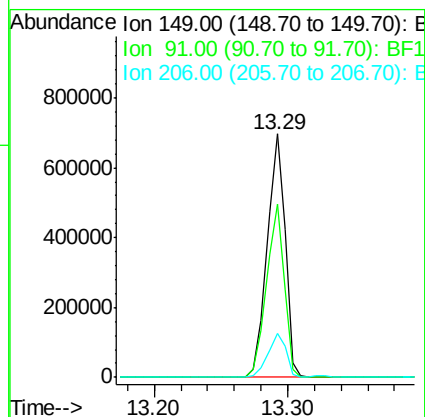
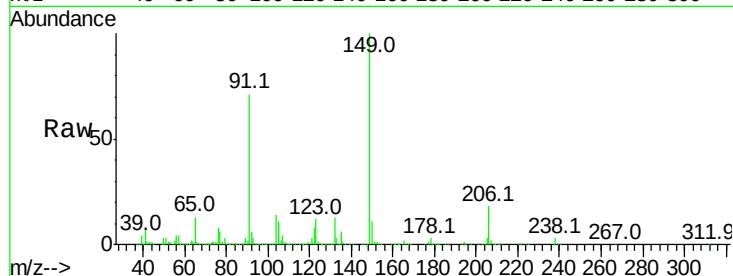




#79
Butylbenzylphthalate
Concen: 40.648 ng
RT: 13.29 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

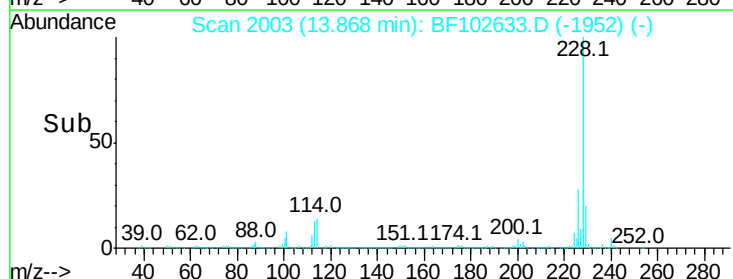
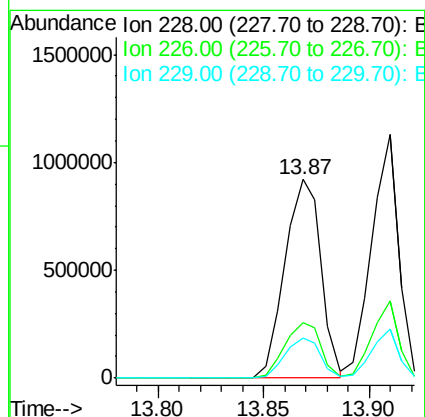
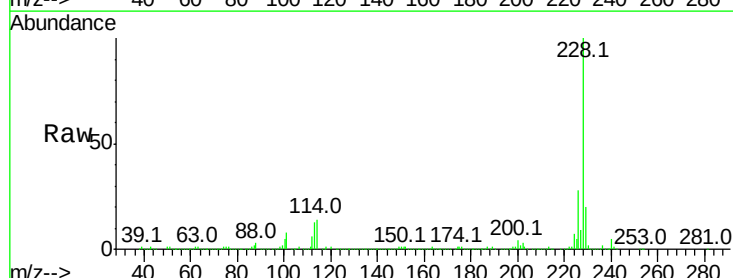
Instrument :
BNA_F
ClientSampleId :

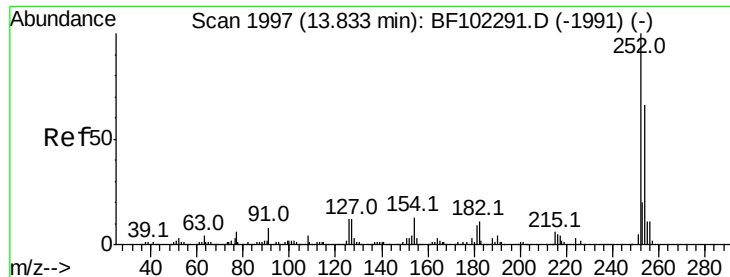
Tot Ion:149 Resp: 646186
Ion Ratio Lower Upper
149 100
91 71.0 56.8 85.2
206 18.2 14.1 21.1



#80
Benzo(a)anthracene
Concen: 42.932 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion:228 Resp: 1092065
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 20.0 15.8 23.6

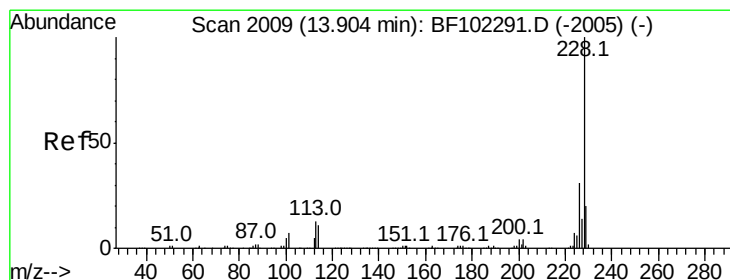
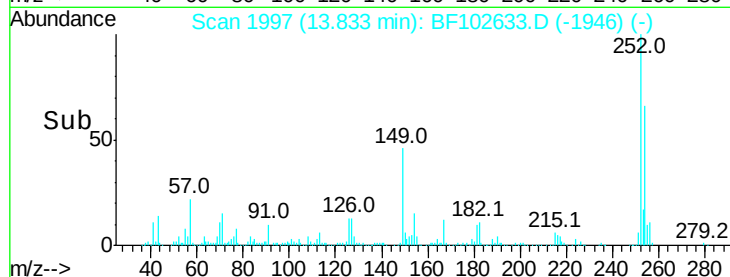
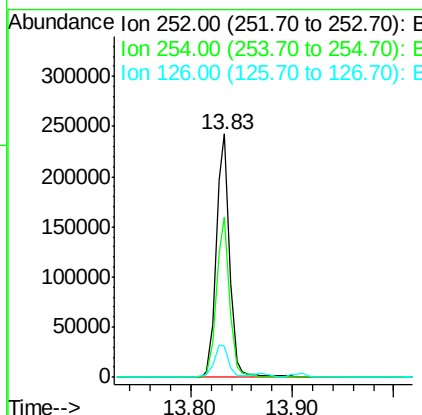
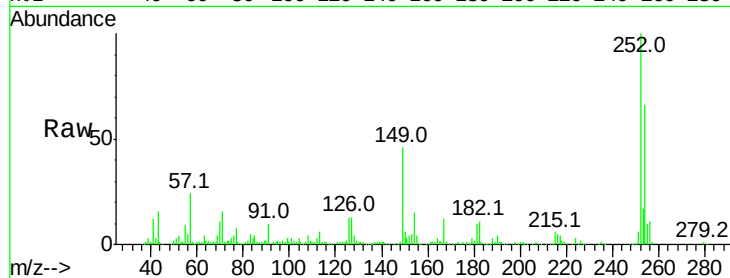




#81
 3,3'-Dichlorobenzidine
 Concen: 23.940 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

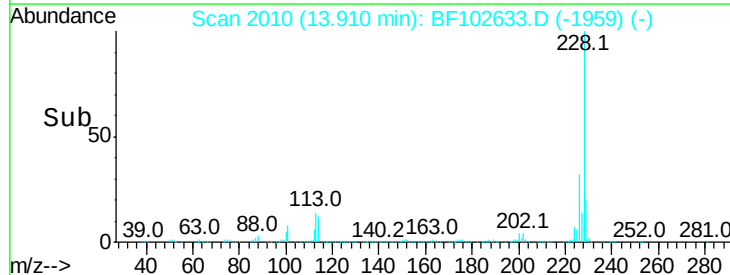
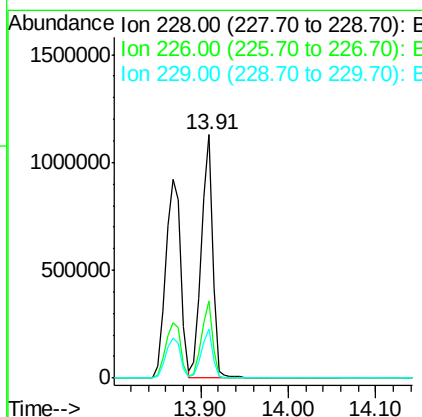
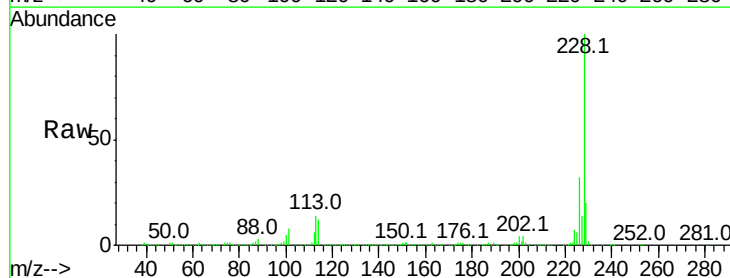
Instrument :
 BNA_F
 ClientSampleId :

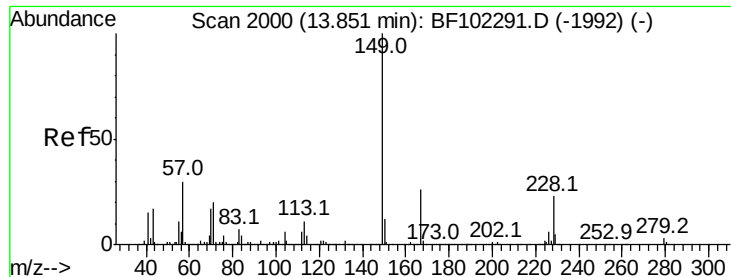
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.9	50.4	75.6
126	12.7	11.3	16.9



#82
 Chrysene
 Concen: 39.978 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	20.0	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.570 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Instrument :

BNA_F

ClientSampleId :

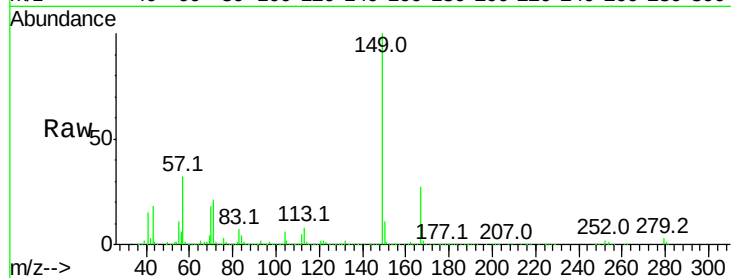
Tot Ion:149 Resp: 866739

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

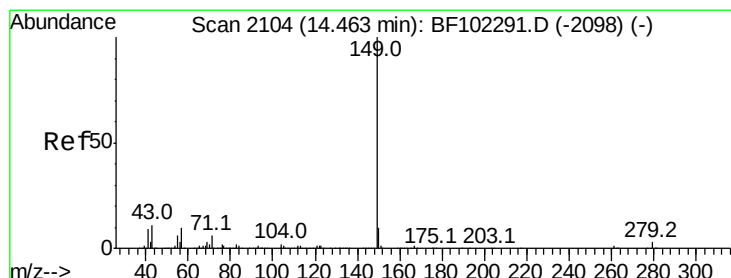
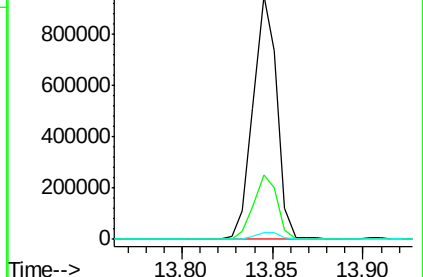
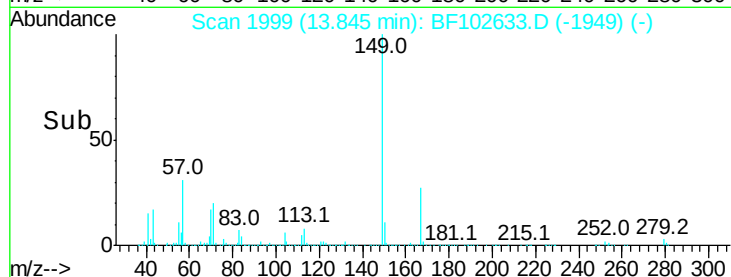
279 3.0 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.732 ng

RT: 14.46 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

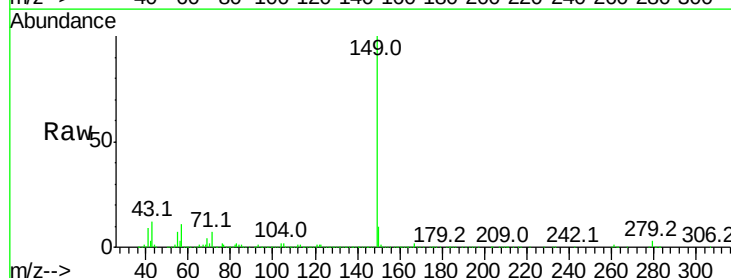
Tgt Ion:149 Resp: 1449896

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

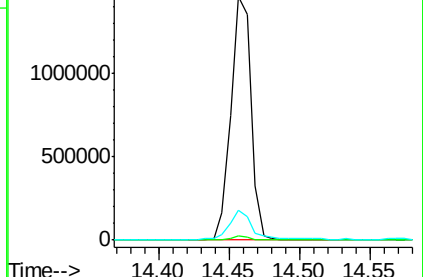
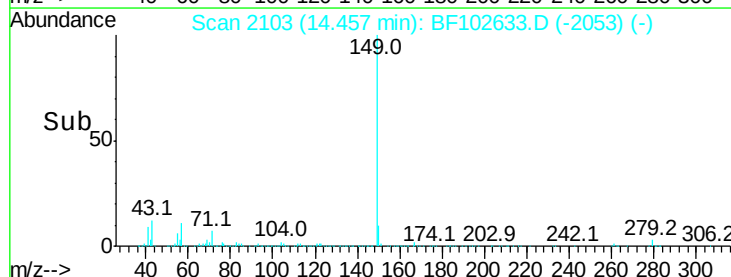
43 12.6 8.4 12.6#

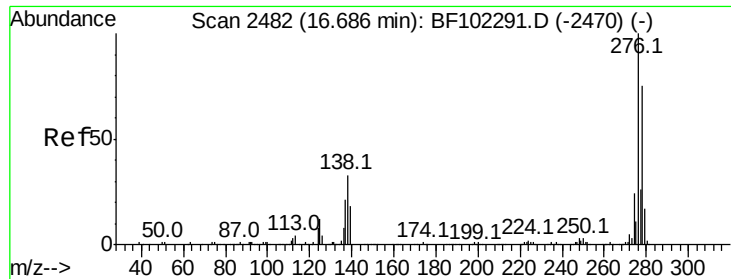


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.861 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Instrument :

BNA_F

ClientSampleId :

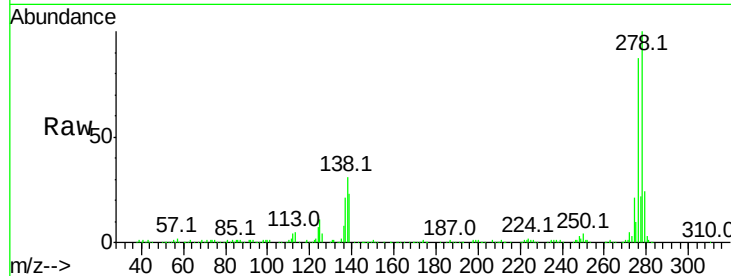
Tot Ion:276 Resp: 807694

Ion Ratio Lower Upper

276 100

138 33.9 25.0 37.6

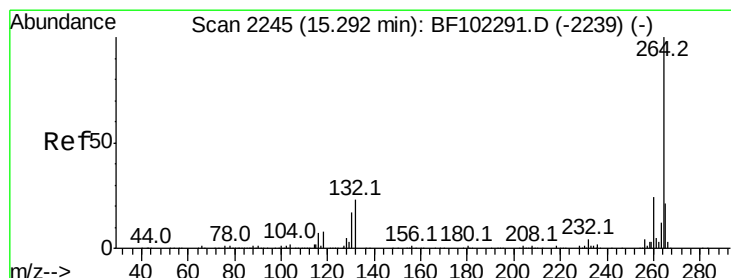
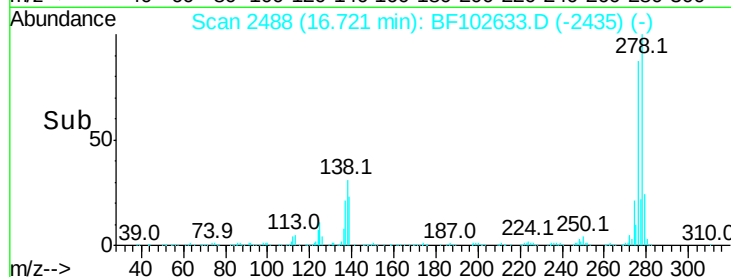
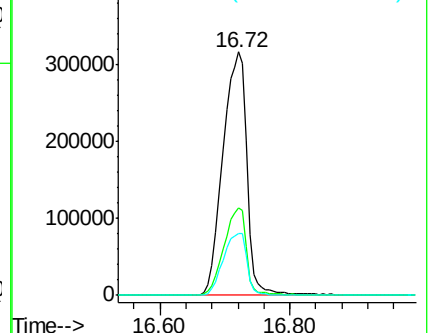
277 25.3 20.1 30.1



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: 15.30 min Scan# 2247

Delta R.T. 0.00 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

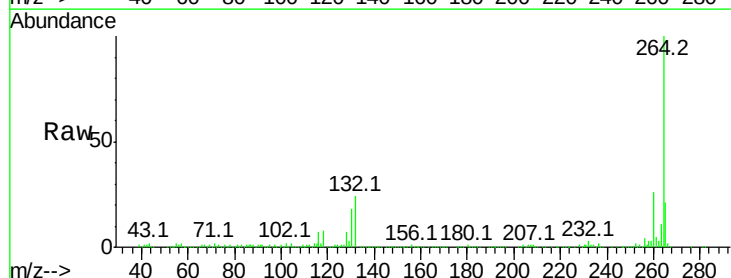
Tgt Ion:264 Resp: 378189

Ion Ratio Lower Upper

264 100

260 25.6 19.2 28.8

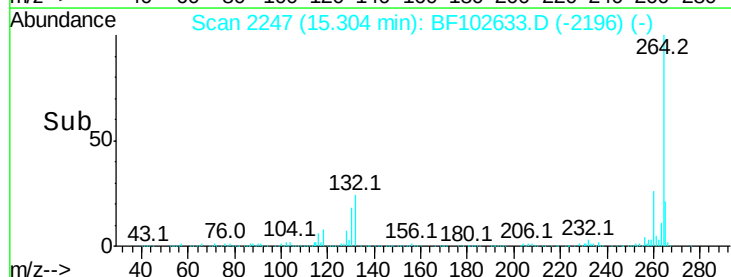
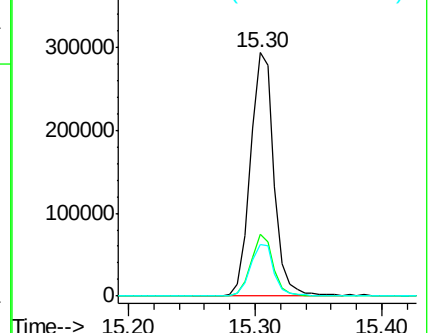
265 21.4 17.5 26.3

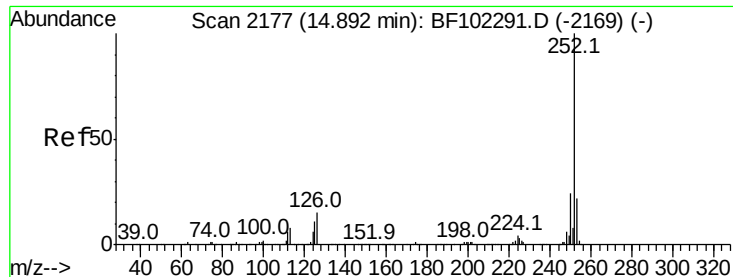


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.603 ng

RT: 14.90 min Scan# 2179

Delta R.T. 0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

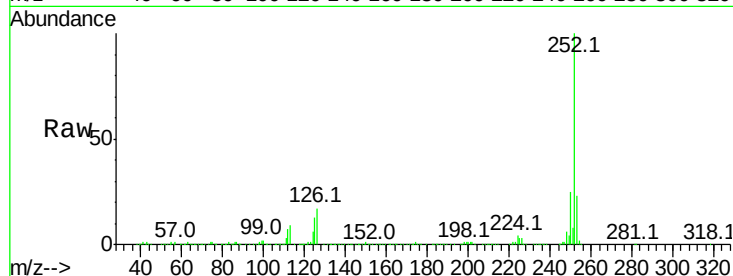
Instrument :

BNA_F

ClientSampleId :

Tot Ion:252 Resp: 1019797

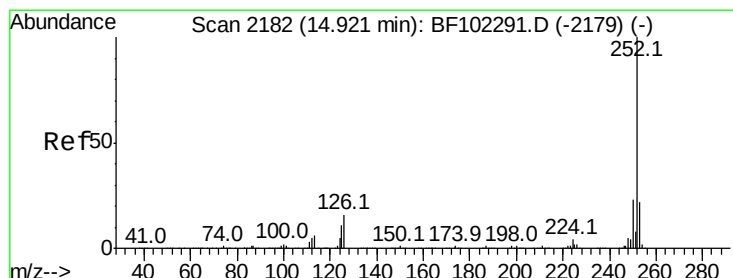
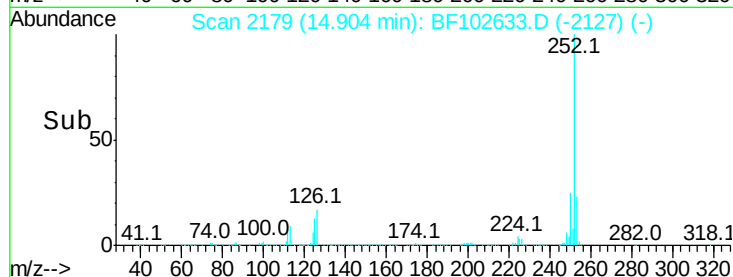
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	12.9	9.0	13.6



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: 38.673 ng

RT: 14.93 min Scan# 2184

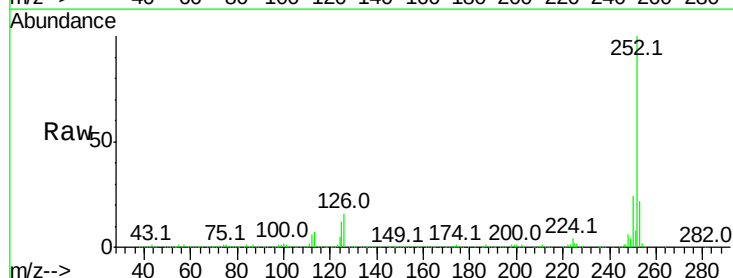
Delta R.T. 0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Tgt Ion:252 Resp: 895620

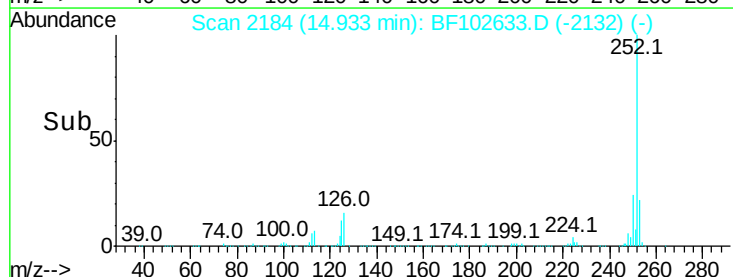
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	11.8	10.2	15.2

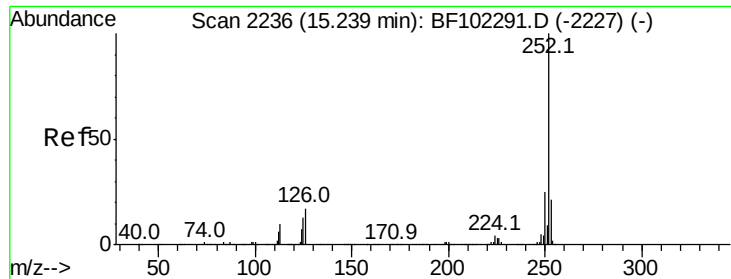


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.188 ng

RT: 15.25 min Scan# 2238

Delta R.T. 0.00 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Instrument :

BNA_F

ClientSampleId :

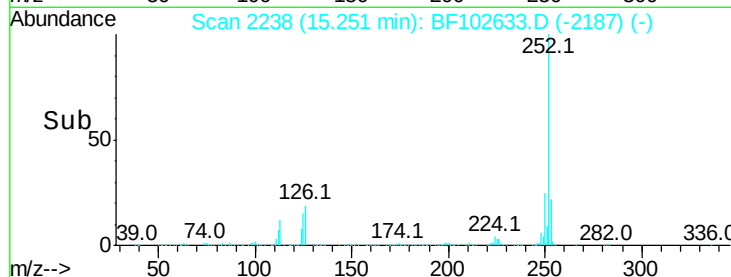
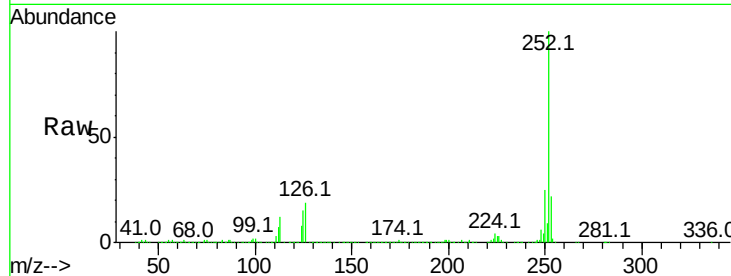
Tot Ion:252 Resp: 910559

Ion Ratio Lower Upper

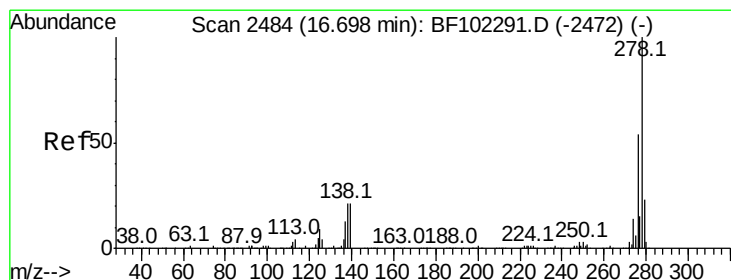
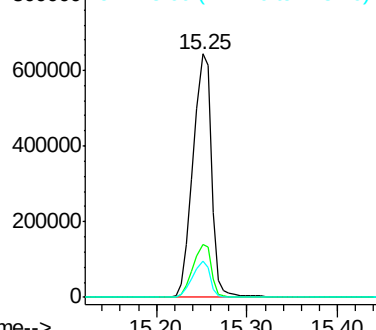
252 100

253 21.8 17.1 25.7

125 14.9 9.8 14.6#



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



#90

Dibenzo(a,h)anthracene

Concen: 37.246 ng

RT: 16.73 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

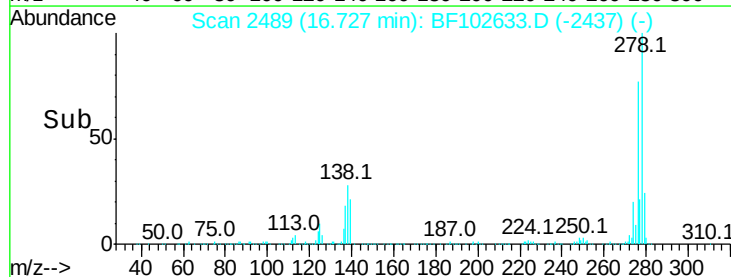
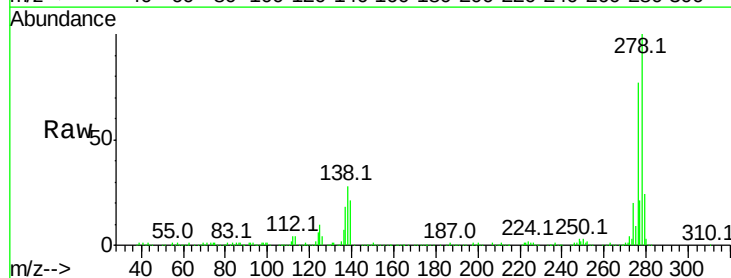
Tgt Ion:278 Resp: 666997

Ion Ratio Lower Upper

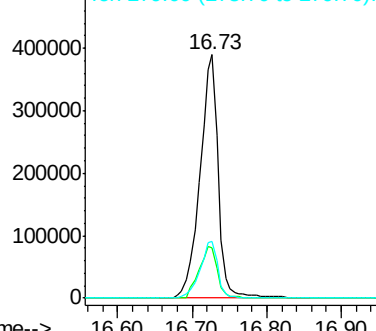
278 100

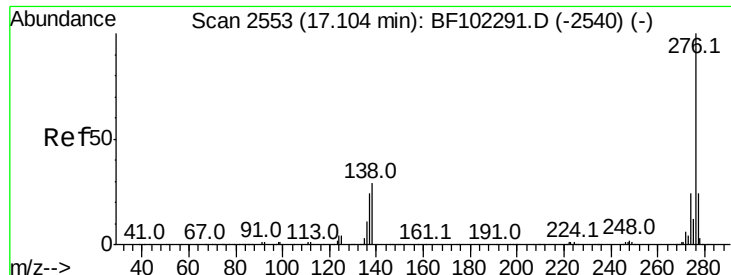
139 20.9 15.9 23.9

279 23.5 19.0 28.4



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





#91

Benzo(a,h,i)perylene

Concen: 38.199 ng

RT: 17.14 min Scan# 2559

Delta R.T. 0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Instrument :

BNA_F

ClientSampleId :

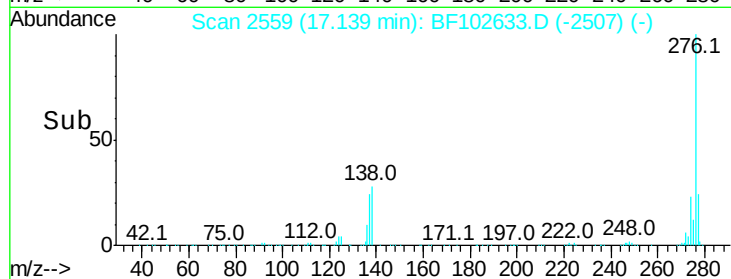
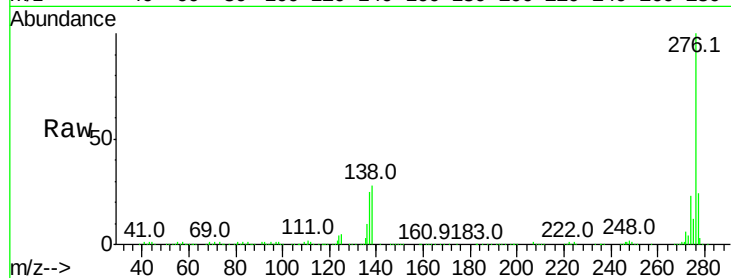
Tot Ion:276 Resp: 675436

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 28.3 21.8 32.8



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

