

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020818\
 Data File : BF102854.D
 Acq On : 8 Feb 2018 14:24
 Operator : SJ/JU
 Sample : J1469-11MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-6MS

Quant Time: Feb 08 15:27:41 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	209914	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	874215	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	376055	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	540256	20.00	ng	0.00
75) Chrysene-d12	14.06	240	353204	20.00	ng	0.00
86) Perylene-d12	15.54	264	359981	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1271737	92.01	ng	0.02
7) Phenol-d6	6.52	99	1569271	94.29	ng	0.01
23) Nitrobenzene-d5	7.45	82	1033826	82.04	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	243809	80.55	ng	0.01
44) 2-Fluorobiphenyl	9.25	172	1409034	62.17	ng	0.00
78) Terphenyl-d14	13.00	244	900376	60.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	192709	28.227	ng	90
3) Pyridine	3.52	79	174237	9.237	ng	97
4) n-Nitrosodimethylamine	3.42	42	317188	39.303	ng	92
6) Aniline	6.55	93	530005	21.564	ng	95
8) 2-Chlorophenol	6.67	128	484363	34.038	ng	95
9) Benzaldehyde	6.43	77	179000	14.483	ng	94
10) Phenol	6.53	94	680078	38.130	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	493917	33.279	ng	91
12) 1,3-Dichlorobenzene	6.83	146	494794	30.026	ng	97
13) 1,4-Dichlorobenzene	6.90	146	502164	30.592	ng	99
14) 1,2-Dichlorobenzene	7.06	146	464595	30.387	ng	98
15) Benzyl Alcohol	7.03	79	462530	36.148	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	861995	30.574	ng	98
17) 2-Methylphenol	7.14	107	431460	32.871	ng	98
18) Hexachloroethane	7.40	117	161569	28.703	ng	92
19) n-Nitroso-di-n-propylamine	7.30	70	350639	31.954	ng	93
20) 3+4-Methylphenols	7.29	107	503609	31.112	ng	# 86
22) Acetophenone	7.30	105	668188	31.234	ng	# 95
24) Nitrobenzene	7.47	77	571116	38.517	ng	95
25) Isophorone	7.71	82	1042801	35.936	ng	97
26) 2-Nitrophenol	7.79	139	244733	41.597	ng	98
27) 2,4-Dimethylphenol	7.82	122	464464	37.886	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	630265	36.664	ng	99
29) 2,4-Dichlorophenol	8.03	162	400462	35.933	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	381375	30.249	ng	98
31) Naphthalene	8.19	128	1364813	31.954	ng	99
32) Benzoic acid	7.93	122	289041	37.174	ng	94
33) 4-Chloroaniline	8.24	127	404993	22.010	ng	97
34) Hexachlorobutadiene	8.30	225	190724	29.521	ng	99
35) Caprolactam	8.61	113	136616	35.297	ng	# 78
36) 4-Chloro-3-methylphenol	8.72	107	452504	36.137	ng	97
37) 2-Methylnaphthalene	8.89	142	883773	31.604	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	332337	32.457	ng	99
40) Hexachlorocyclopentadiene	9.03	237	82289	16.906	ng	94

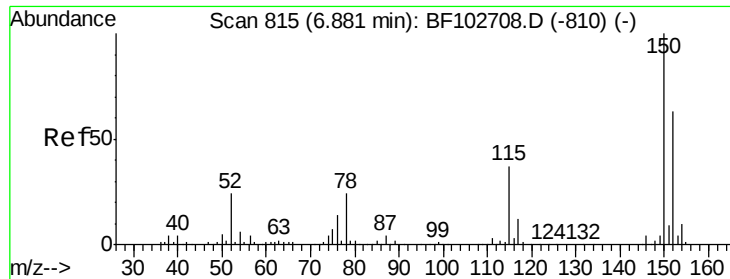
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020818\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	249804	37.143	nq	97
43) 2,4,5-Trichlorophenol	9.20	196	258735	34.133	nq	98
45) 1,1'-Biphenyl	9.35	154	1000155	31.576	nq	98
46) 2-Chloronaphthalene	9.37	162	800968	32.121	nq	99
47) 2-Nitroaniline	9.47	65	334363	43.783	nq	86
48) Acenaphthylene	9.79	152	1196929	30.905	nq	99
49) Dimethylphthalate	9.65	163	1076990	36.730	nq	100
50) 2,6-Dinitrotoluene	9.71	165	202190	36.244	nq	# 90
51) Acenaphthene	9.96	154	712240	30.751	nq	100
52) 3-Nitroaniline	9.88	138	219537	31.984	nq	97
53) 2,4-Dinitrophenol	9.99	184	39474	36.208	nq	# 19
54) Dibenzofuran	10.13	168	1043723	31.976	nq	96
55) 4-Nitrophenol	10.04	139	329774	59.546	nq	90
56) 2,4-Dinitrotoluene	10.12	165	251203	34.500	nq	95
57) Fluorene	10.47	166	741454	31.221	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	175538	33.412	nq	93
59) Diethylphthalate	10.35	149	914861	31.599	nq	99
60) 4-Chlorophenyl-phenylether	10.47	204	345228	32.861	nq	96
61) 4-Nitroaniline	10.49	138	225763	34.554	nq	98
62) Azobenzene	10.63	77	949375	32.823	nq	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	31235	21.147	nq	93
65) n-Nitrosodiphenylamine	10.59	169	691653	36.295	nq	100
66) 4-Bromophenyl-phenylether	10.96	248	199211	34.858	nq	98
67) Hexachlorobenzene	11.03	284	197668	31.353	nq	# 92
68) Atrazine	11.11	200	195464	34.769	nq	98
69) Pentachlorophenol	11.22	266	185776	50.197	nq	97
70) Phenanthrene	11.44	178	934022	31.042	nq	99
71) Anthracene	11.49	178	972219	31.769	nq	100
72) Carbazole	11.64	167	893783	29.811	nq	99
73) Di-n-butylphthalate	11.97	149	1262852	34.675	nq	99
74) Fluoranthene	12.63	202	818389	27.034	nq	99
76) Benzidine	12.74	184	133244	8.208	nq	97
77) Pyrene	12.86	202	816510	29.480	nq	99
79) Butylbenzylphthalate	13.47	149	435014	33.159	nq	94
80) Benzo(a)anthracene	14.04	228	719961	32.411	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	273559	33.214	nq	97
82) Chrysene	14.09	228	693285	30.961	nq	99
83) Bis(2-ethylhexyl)phthalate	14.03	149	600228	35.377	nq	100
84) Di-n-octyl phthalate	14.64	149	1027041	40.314	nq	95
85) Indeno(1,2,3-cd)pyrene	17.05	276	603642	32.504	nq	98
87) Benzo(b)fluoranthene	15.10	252	757536	32.458	nq	97
88) Benzo(k)fluoranthene	15.13	252	665009	29.821	nq	99
89) Benzo(a)pyrene	15.48	252	668506	31.822	nq	97
90) Dibenzo(a,h)anthracene	17.06	278	524671	30.770	nq	99
91) Benzo(g,h,i)perylene	17.50	276	468873	28.093	nq	98

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

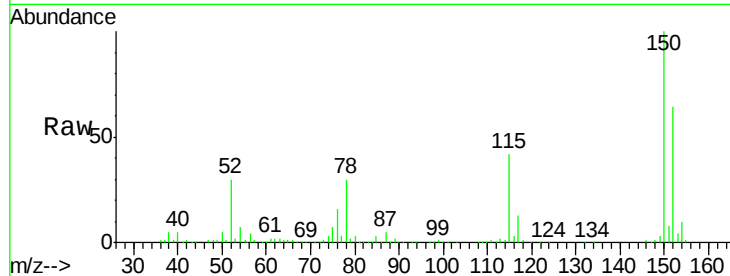


#1

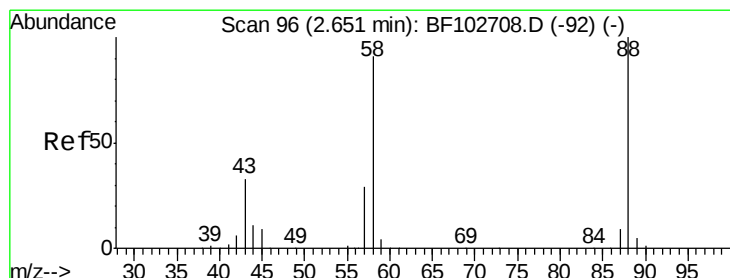
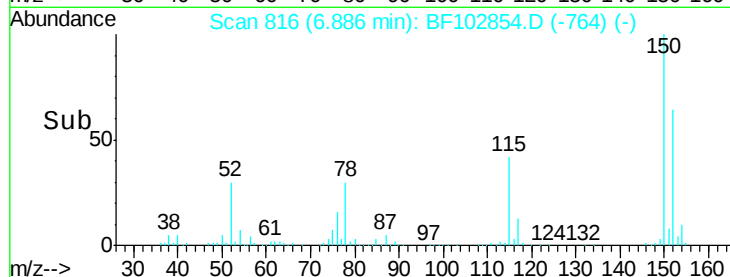
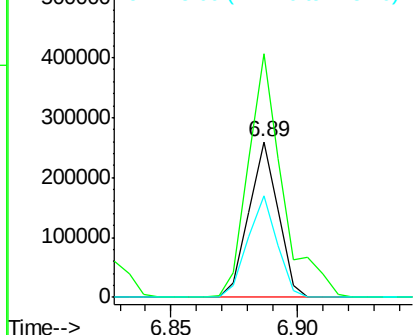
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102854.D
Acq: 8 Feb 2018 14:24

Instrument :
BNA_F
ClientSampleId :
WABUT-6MS

Tot Ion:152 Resp: 209914
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 65.1 50.1 75.1



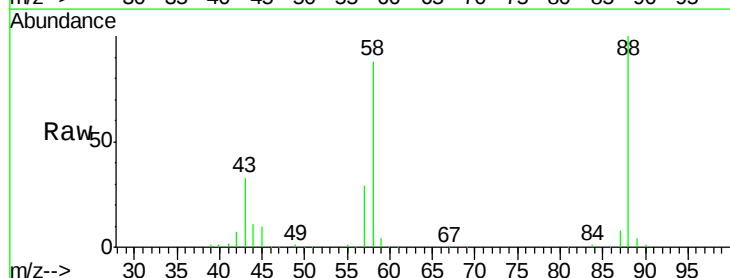
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



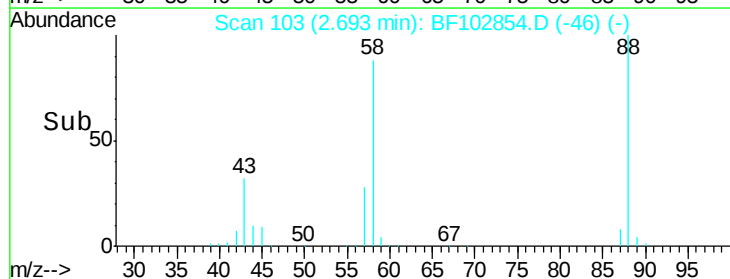
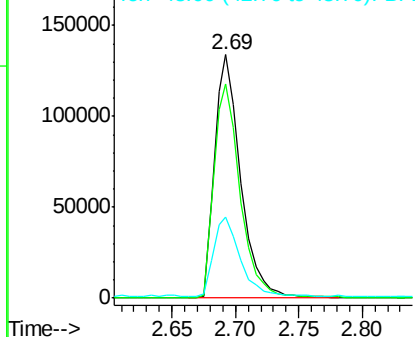
#2

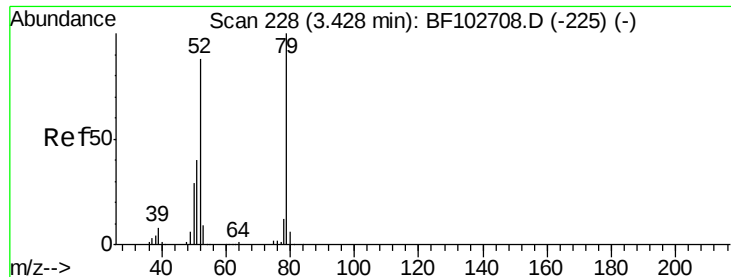
1,4-Dioxane
Concen: 28.227 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.04 min
Lab File: BF102854.D
Acq: 8 Feb 2018 14:24

Tgt Ion: 88 Resp: 192709
Ion Ratio Lower Upper
88 100
58 89.3 62.6 93.8
43 33.2 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: 9.237 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.08 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

Instrument :

BNA_F

ClientSampleId :

WABUT-6MS

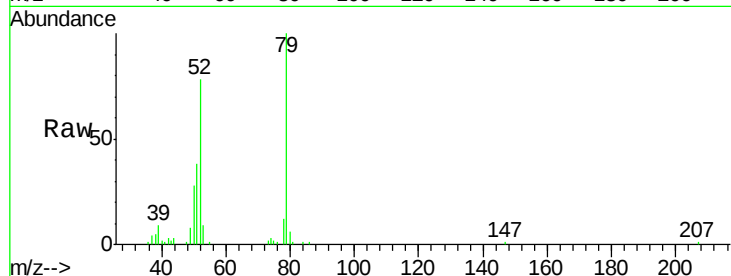
Tot Ion: 79 Resp: 174237

Ion Ratio Lower Upper

79 100

52 78.1 59.8 89.6

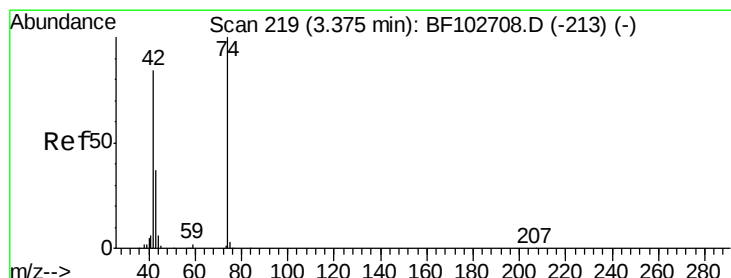
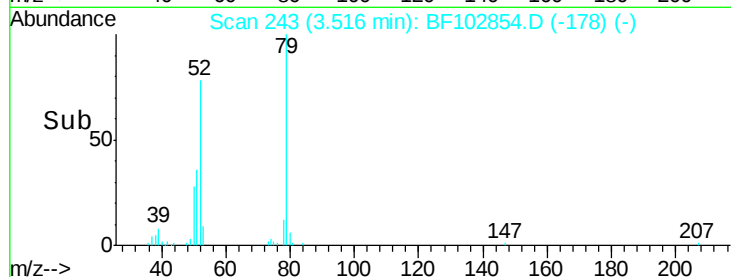
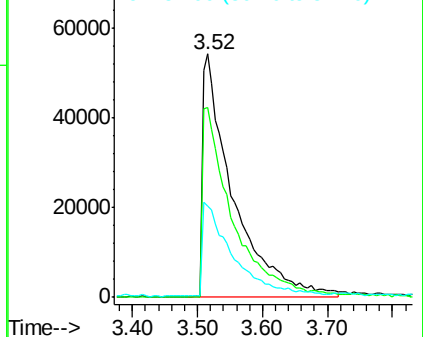
51 37.5 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 39.303 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.03 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

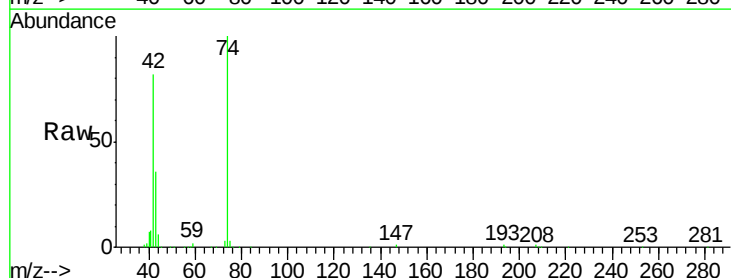
Tgt Ion: 42 Resp: 317188

Ion Ratio Lower Upper

42 100

74 121.6 104.9 157.3

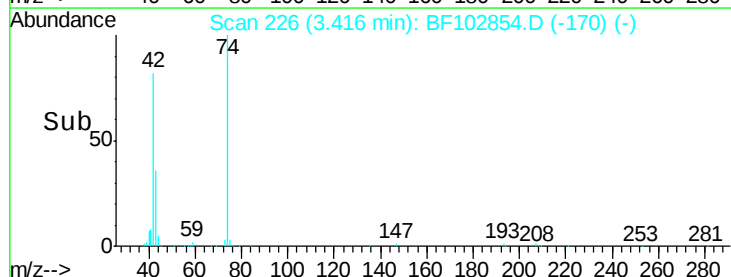
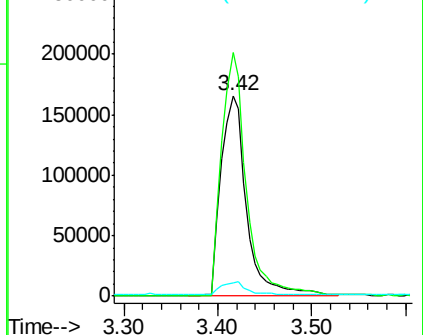
44 6.9 6.9 10.3

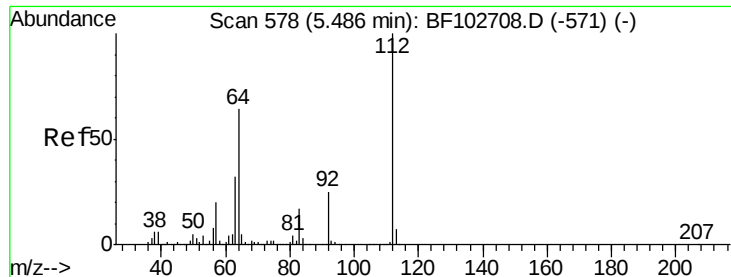


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 92.006 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

Instrument :

BNA_F

ClientSampleId :

WABUT-6MS

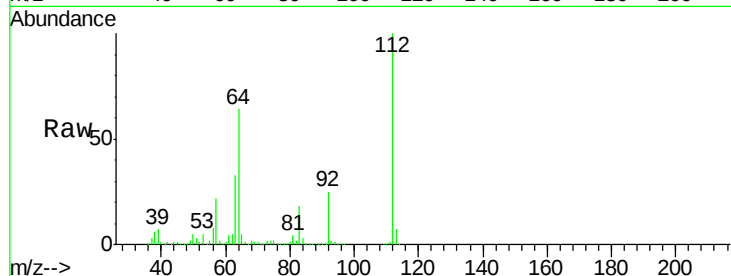
Tot Ion:112 Resp: 1271737

Ion Ratio Lower Upper

112 100

64 64.0 47.9 71.9

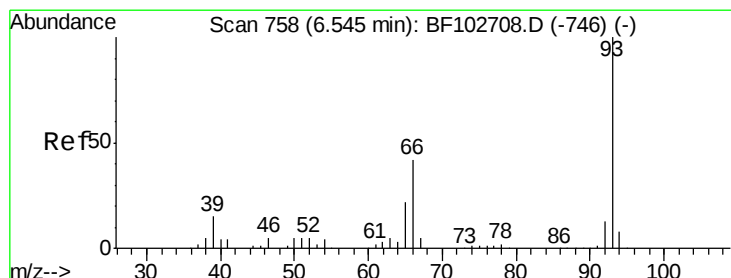
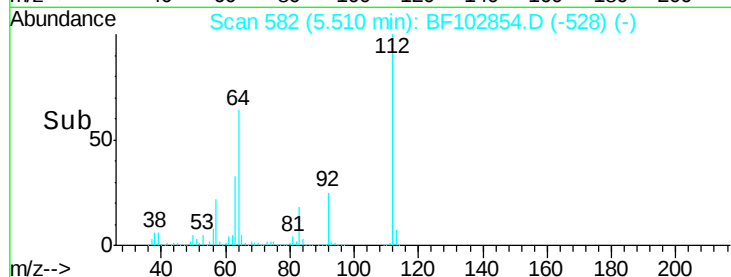
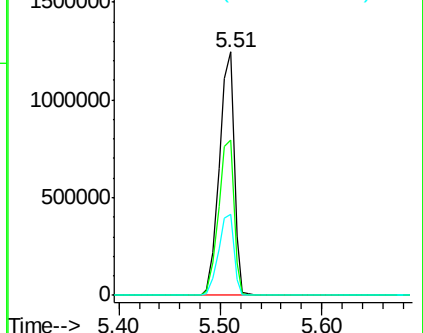
63 33.4 23.7 35.5



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: 21.564 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

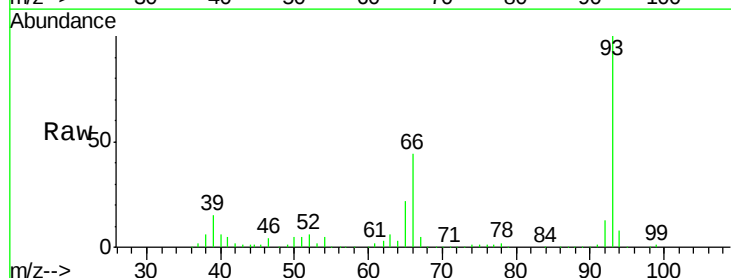
Tgt Ion: 93 Resp: 530005

Ion Ratio Lower Upper

93 100

66 43.6 32.2 48.2

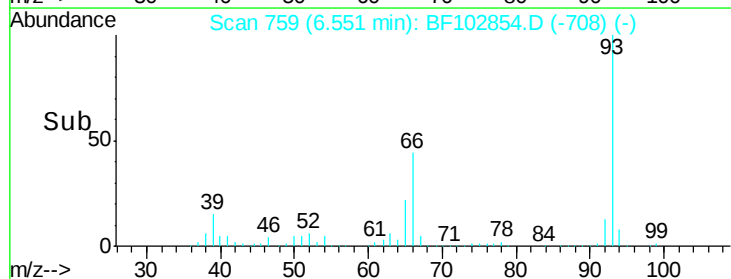
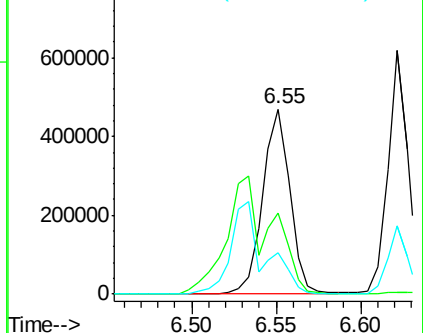
65 22.1 16.4 24.6

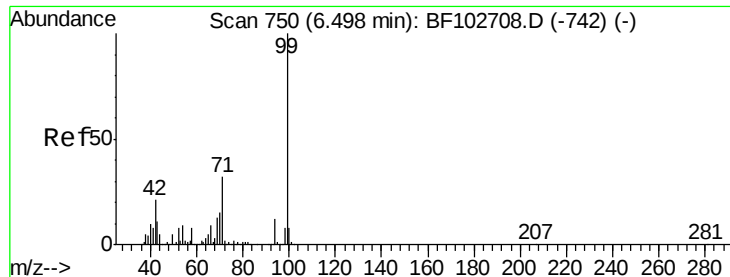


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 94.291 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

Instrument :

BNA_F

ClientSampleId :

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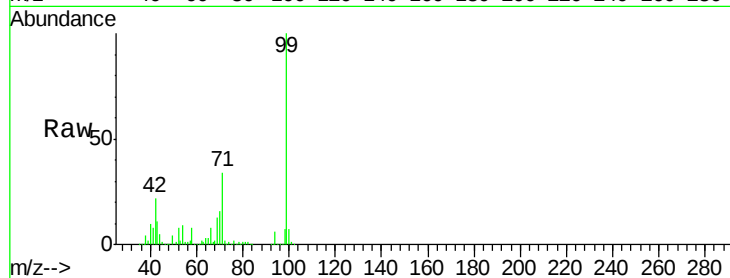
Tot Ion: 99 Resp: 1569271

Ion Ratio Lower Upper

99 100

42 21.9 14.5 21.7#

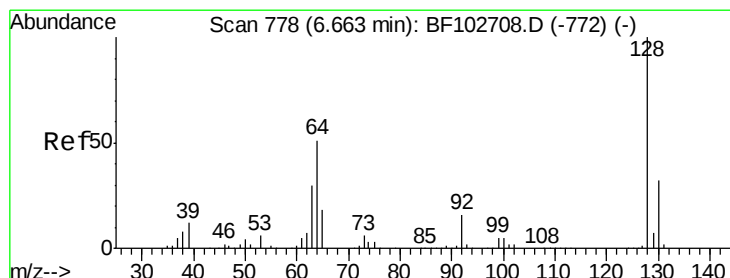
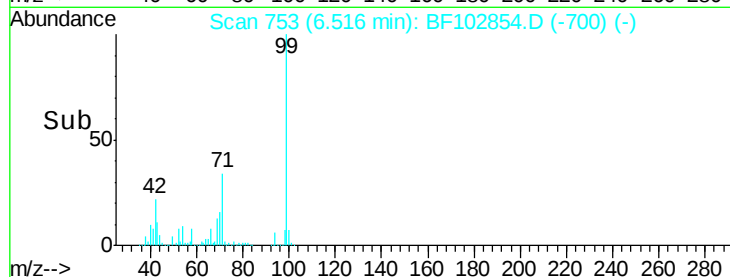
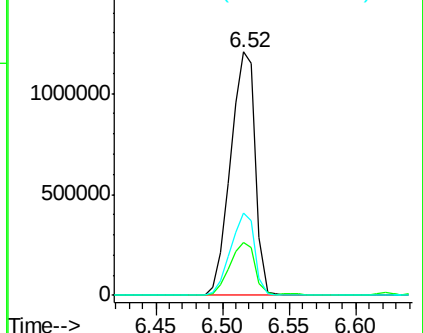
71 33.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 34.038 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

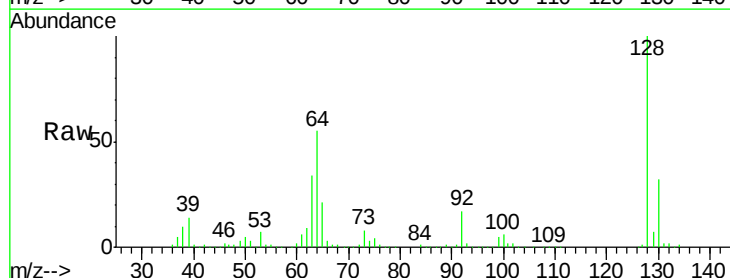
Tgt Ion:128 Resp: 484363

Ion Ratio Lower Upper

128 100

130 32.4 13.0 53.0

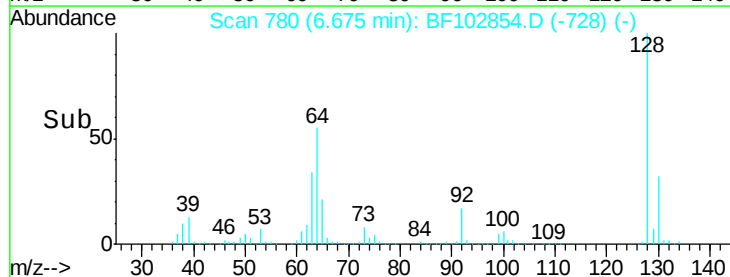
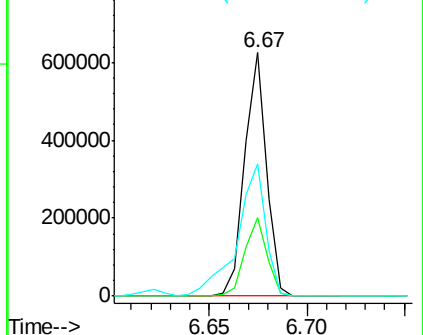
64 54.6 29.4 69.4

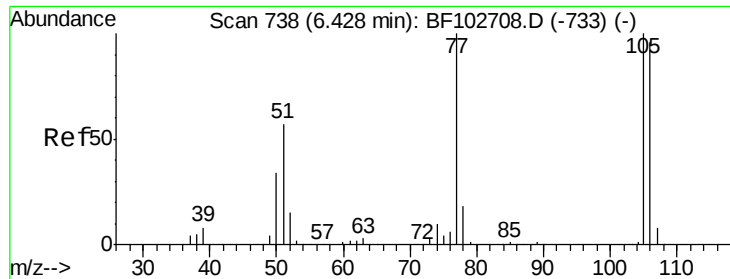


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 14.483 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

Instrument :

BNA_F

ClientSampleId :

WABUT-6MS

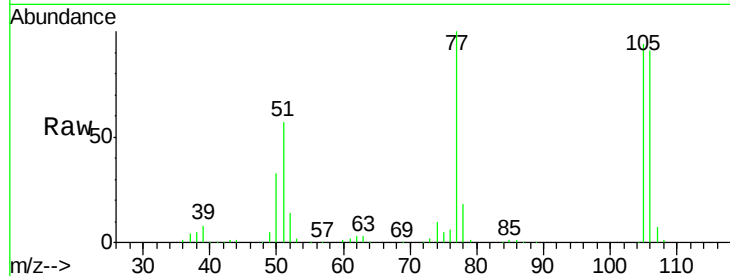
Tot Ion: 77 Resp: 179000

Ion Ratio Lower Upper

77 100

105 93.8 81.1 121.1

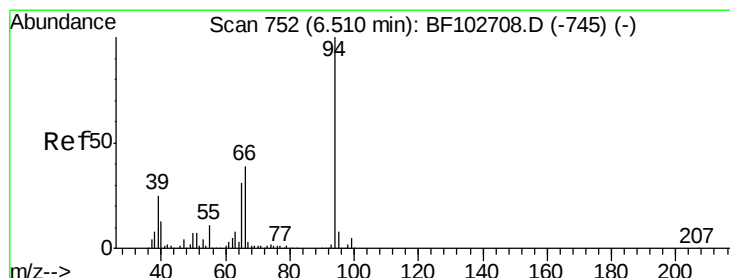
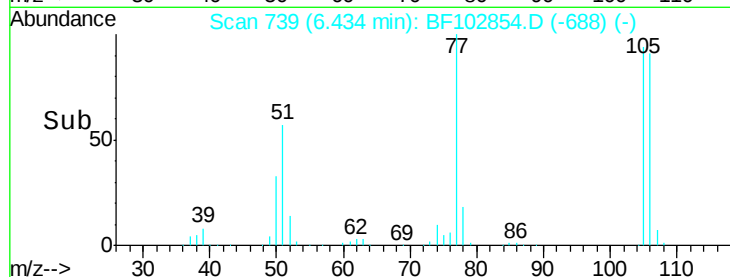
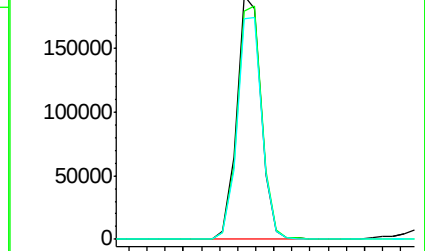
106 90.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.130 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

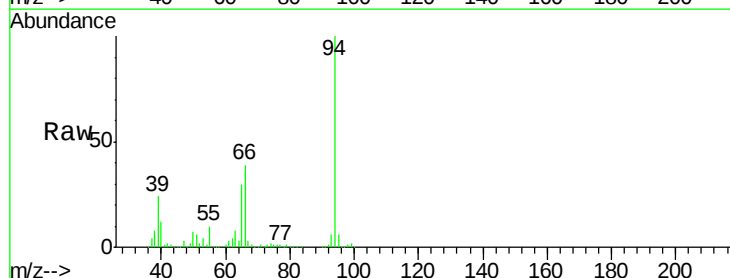
Tgt Ion: 94 Resp: 680078

Ion Ratio Lower Upper

94 100

65 30.4 7.9 47.9

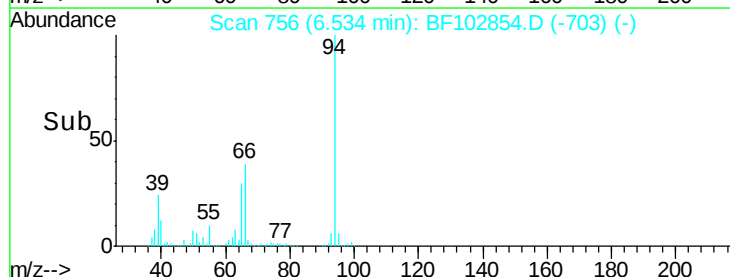
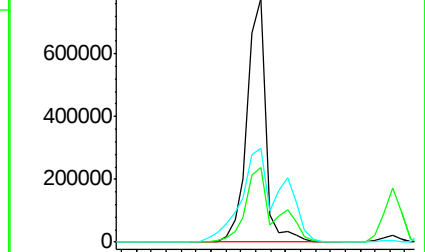
66 38.7 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

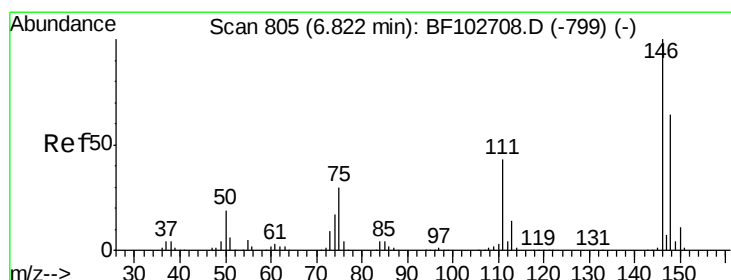
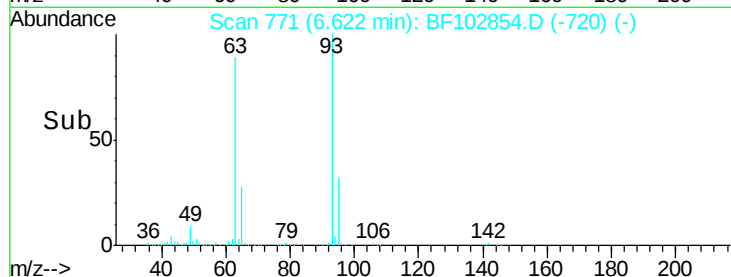
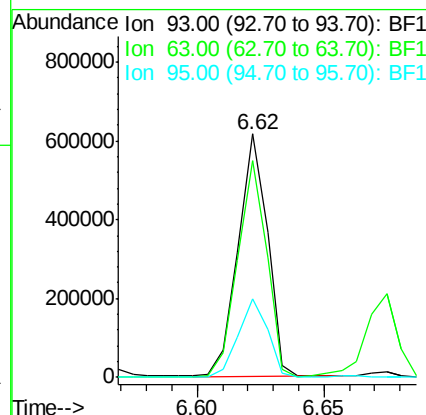
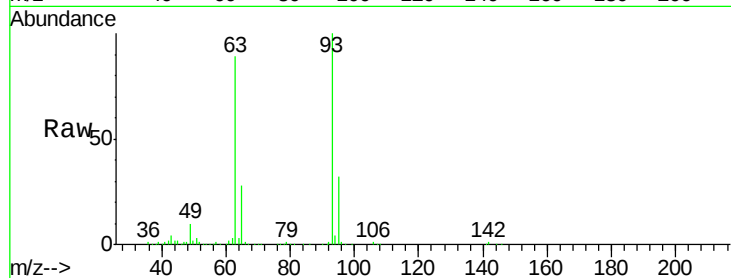




#11
bis(2-Chloroethyl)ether
Concen: 33.279 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF102854.D
Acq: 8 Feb 2018 14:24

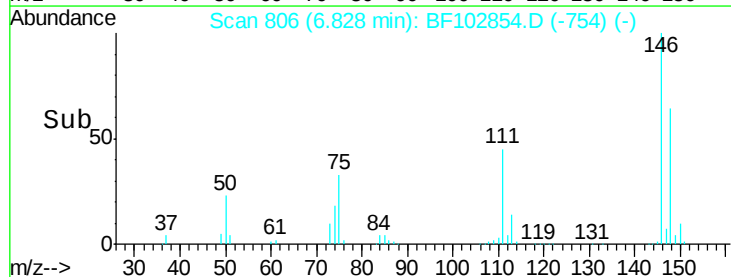
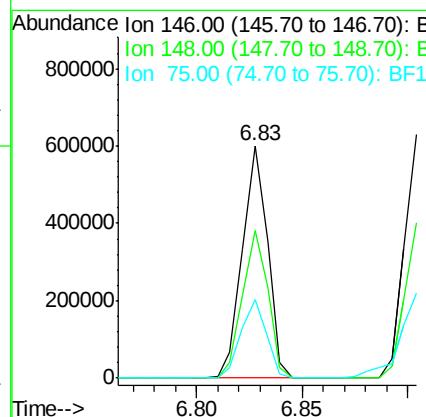
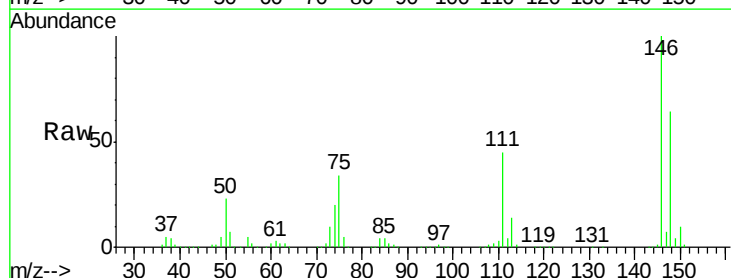
Instrument :
BNA_F
ClientSampleId :
WABUT-6MS

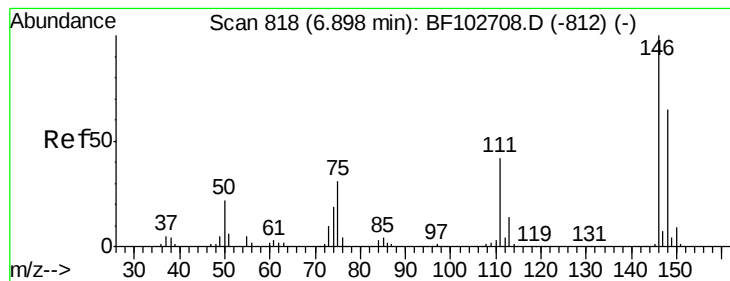
Tot Ion	93	Resp	493917
Ion	Ratio	Lower	Upper
93	100		
63	89.3	58.6	98.6
95	32.4	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 30.026 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF102854.D
Acq: 8 Feb 2018 14:24

Tgt Ion	146	Resp	494794
Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.8
75	34.0	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 30.592 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

Instrument :

BNA_F

ClientSampleId :

WABUT-6MS

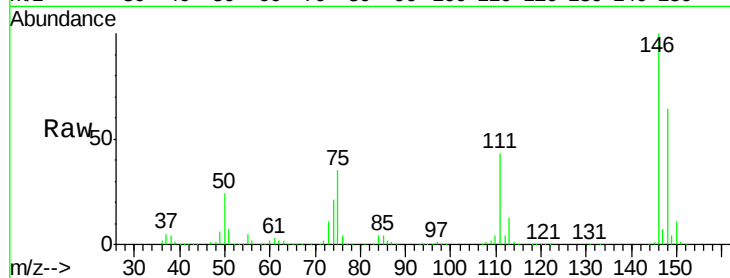
Tot Ion:146 Resp: 502164

Ion Ratio Lower Upper

146 100

148 64.0 50.8 76.2

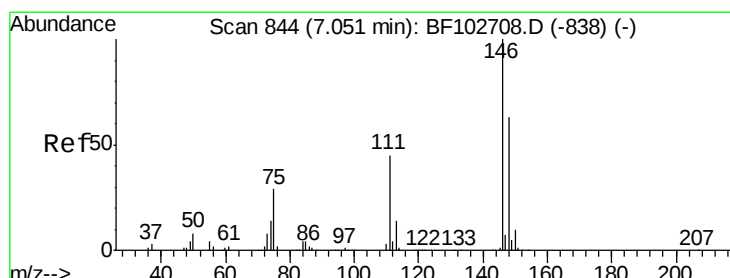
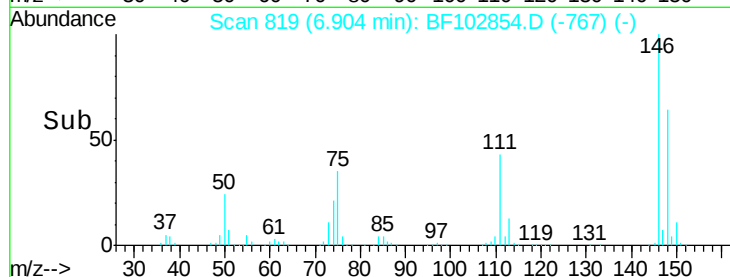
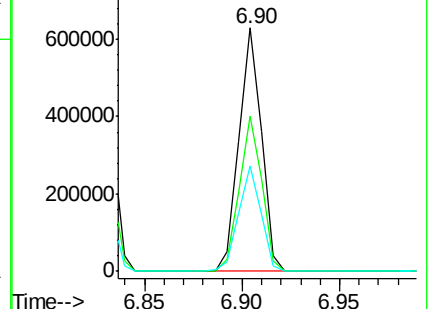
111 43.2 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 30.387 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

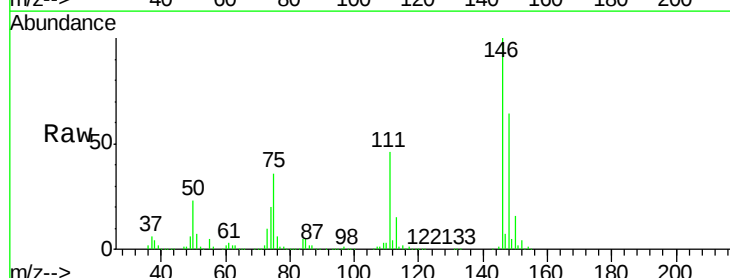
Tgt Ion:146 Resp: 464595

Ion Ratio Lower Upper

146 100

148 64.4 50.6 75.8

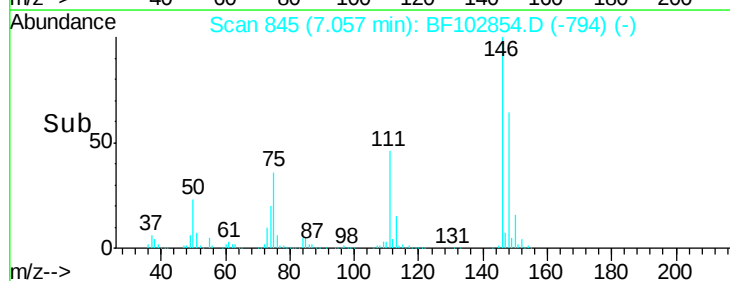
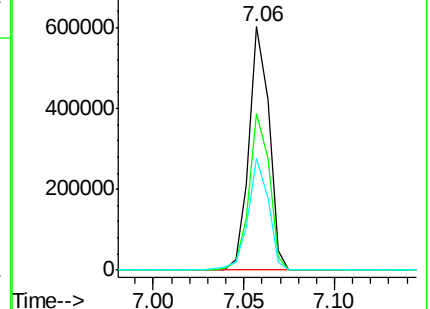
111 46.1 36.0 54.0

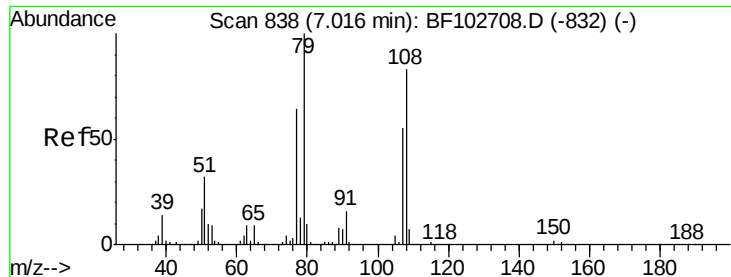


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.148 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

Instrument :

BNA_F

ClientSampleId :

WABUT-6MS

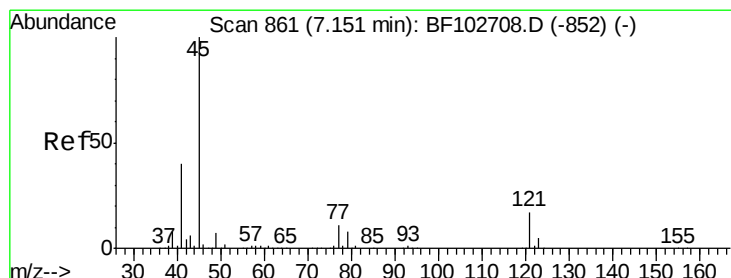
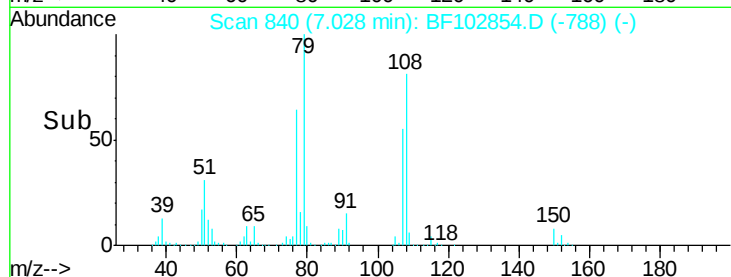
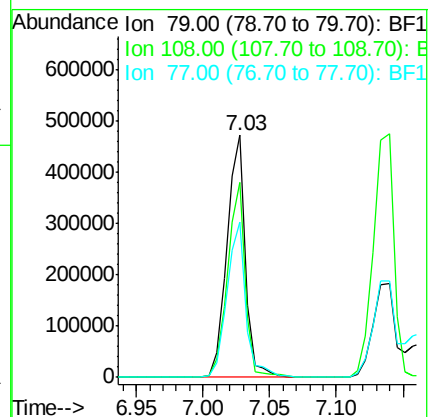
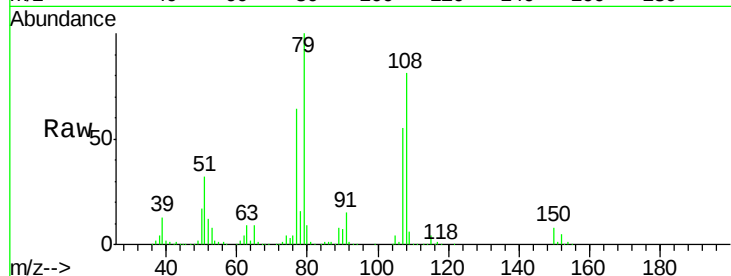
Tot Ion: 79 Resp: 462530

Ion Ratio Lower Upper

79 100

108 80.8 65.1 97.7

77 64.1 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.574 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

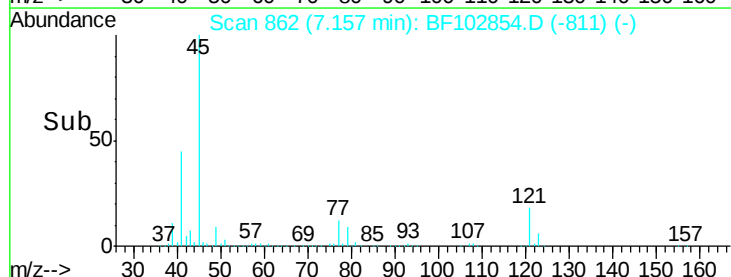
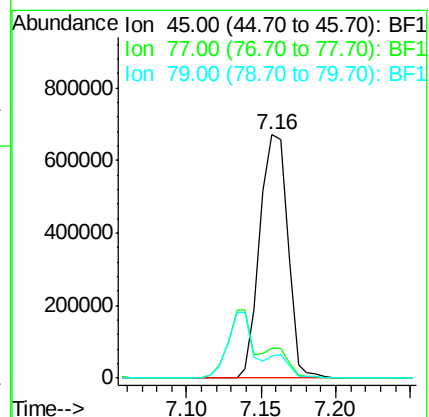
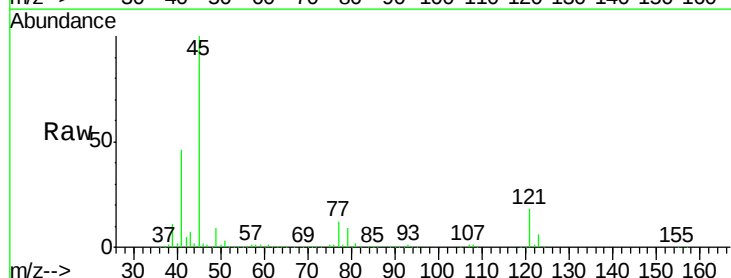
Tgt Ion: 45 Resp: 861995

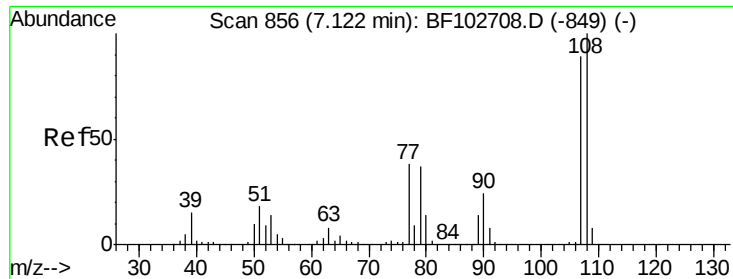
Ion Ratio Lower Upper

45 100

77 12.2 0.0 32.9

79 9.1 0.0 29.6

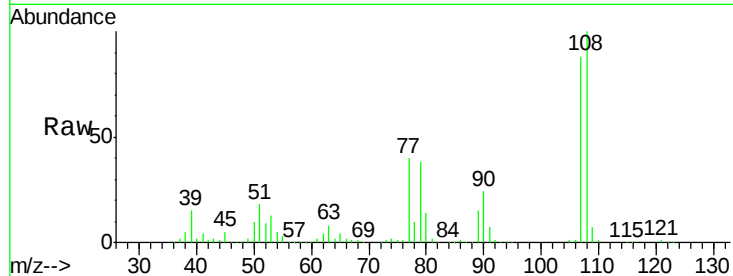




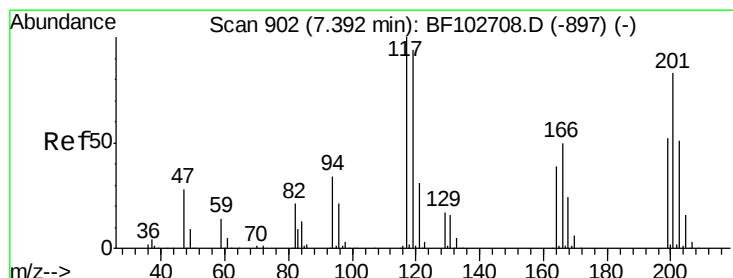
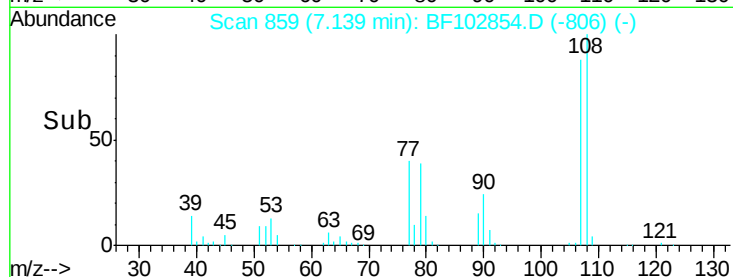
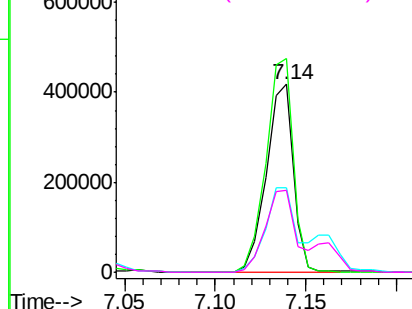
#17
2-Methylphenol
Concen: 32.871 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF102854.D
Acq: 8 Feb 2018 14:24

Instrument :
BNA_F
ClientSampleId :
WABUT-6MS

Tot Ion:107 Resp: 431460
Ion Ratio Lower Upper
107 100
108 113.8 91.7 137.5
77 45.0 33.8 50.8
79 43.7 33.8 50.8

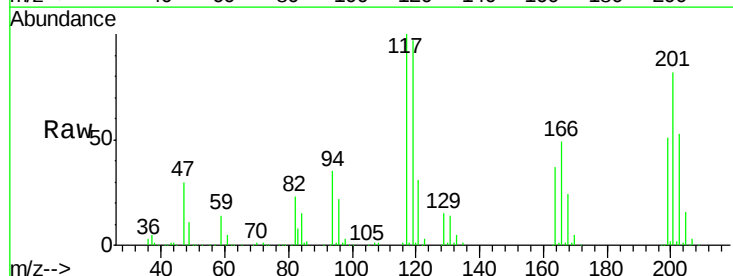


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

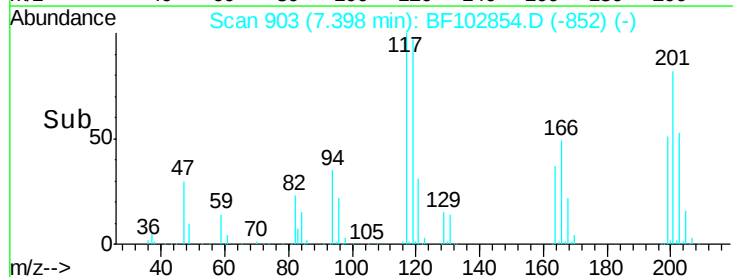
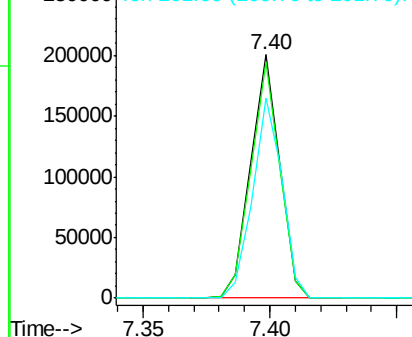


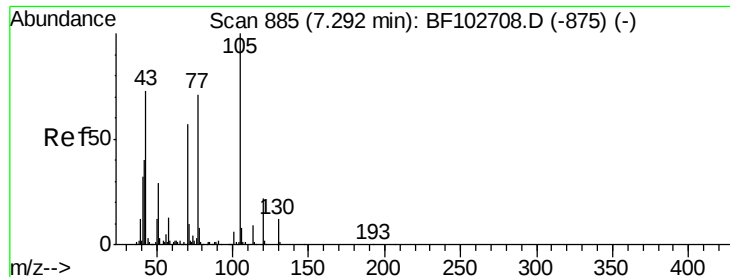
#18
Hexachloroethane
Concen: 28.703 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF102854.D
Acq: 8 Feb 2018 14:24

Tgt Ion:117 Resp: 161569
Ion Ratio Lower Upper
117 100
119 97.0 75.8 113.8
201 81.9 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

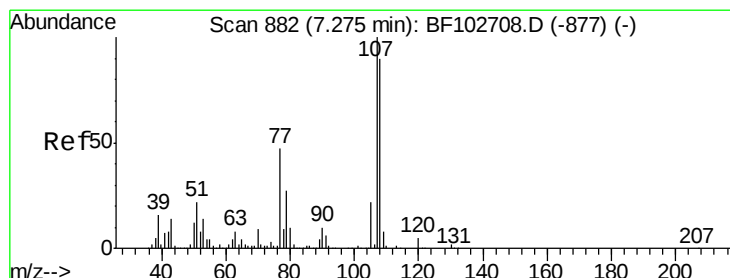
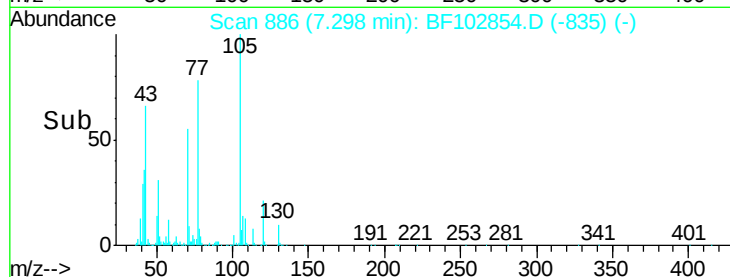
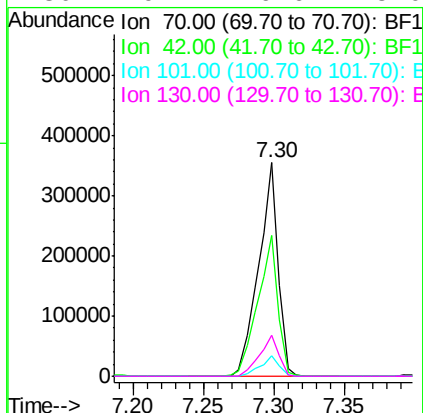
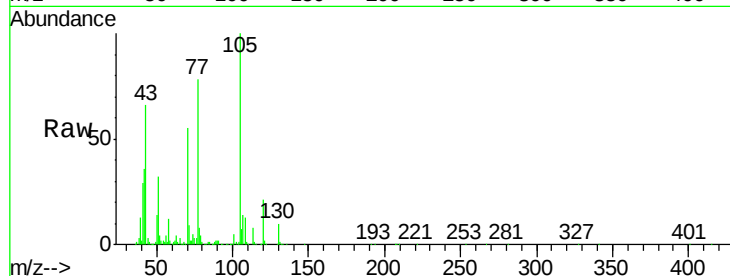




#19
n-Nitroso-di-n-propylamine
Concen: 31.954 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF102854.D
Acq: 8 Feb 2018 14:24

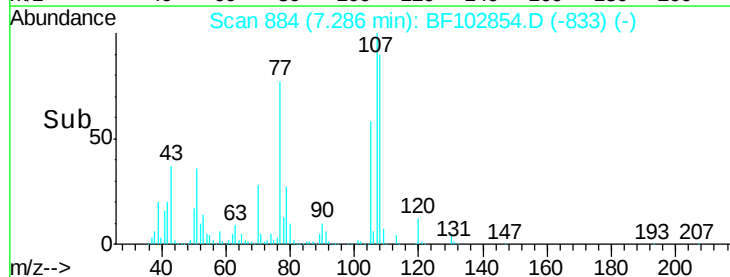
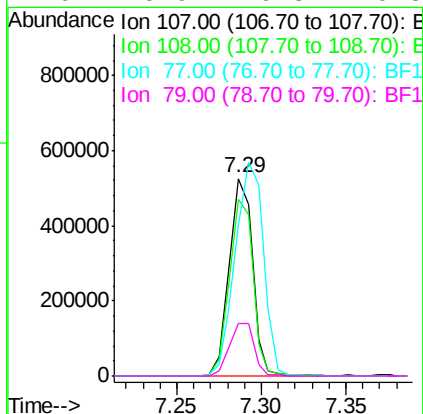
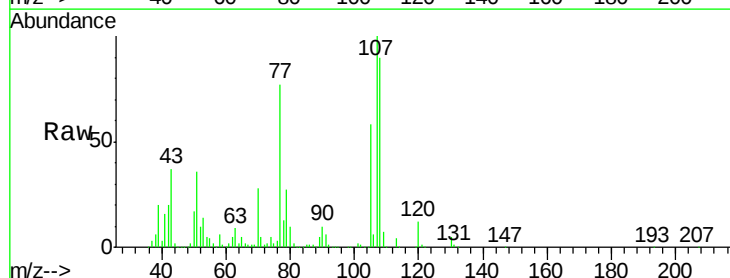
Instrument :
BNA_F
ClientSampleId :
WABUT-6MS

Tot Ion: 70 Resp: 350639
Ion Ratio Lower Upper
70 100
42 65.9 47.5 71.3
101 9.4 7.4 11.2
130 19.1 16.6 25.0



#20
3+4-Methylphenols
Concen: 31.112 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102854.D
Acq: 8 Feb 2018 14:24

Tgt Ion: 107 Resp: 503609
Ion Ratio Lower Upper
107 100
108 89.5 68.2 108.2
77 76.7 26.7 66.7#
79 26.9 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

Instrument :

BNA_F

ClientSampleId :

WABUT-6MS

Tot Ion:136 Resp: 874215

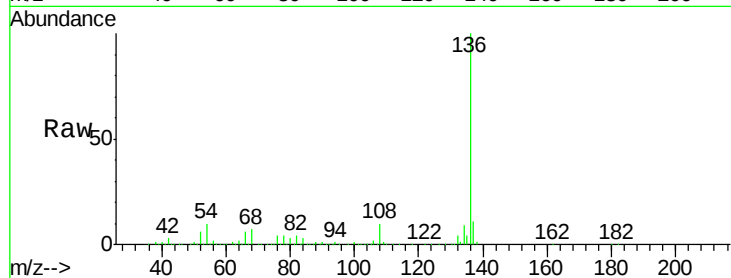
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 10.5 6.6 9.8#

68 7.1 5.0 7.4

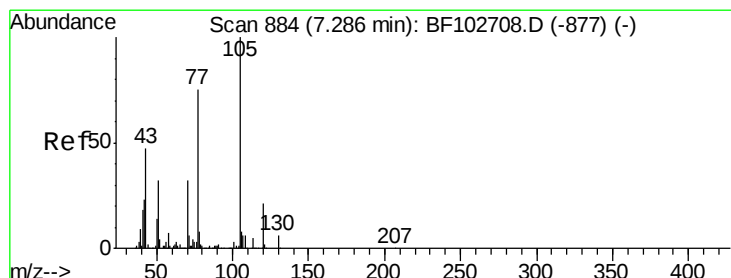
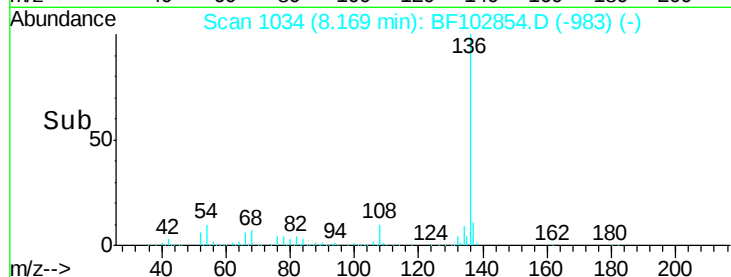
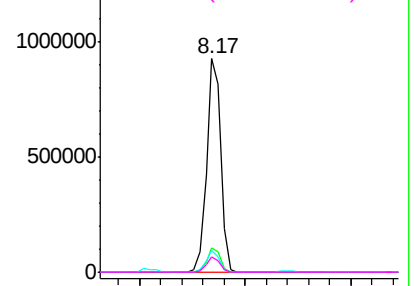


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 31.234 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

Tgt Ion:105 Resp: 668188

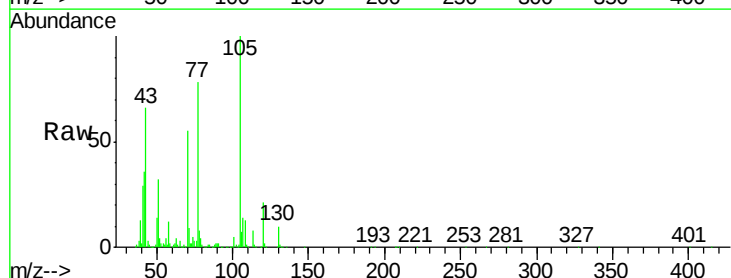
Ion Ratio Lower Upper

105 100

71 8.7 4.4 6.6#

51 31.5 22.3 33.5

120 21.4 16.9 25.3

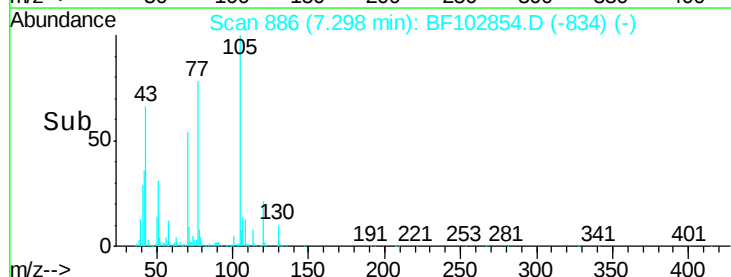
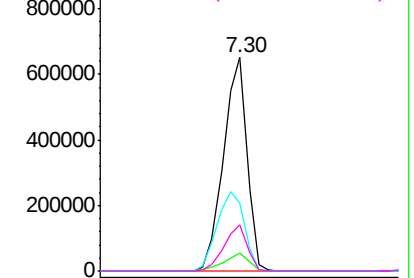


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

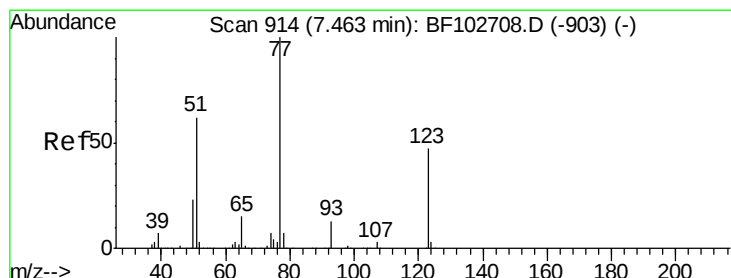
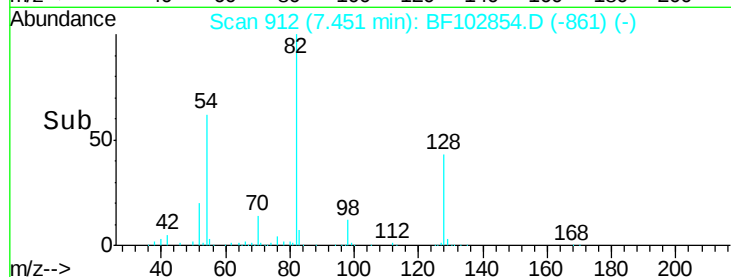
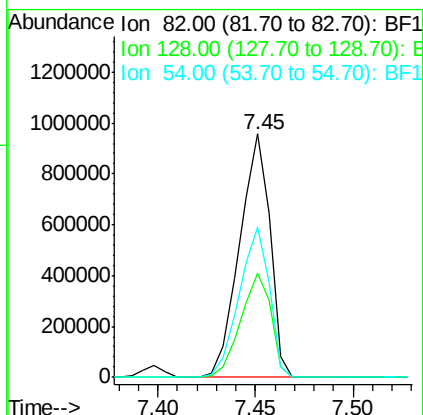
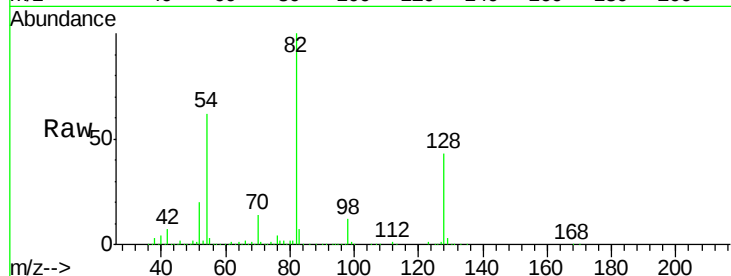




#23
 Nitrobenzene-d5
 Concen: 82.036 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BF102854.D
 Acq: 8 Feb 2018 14:24

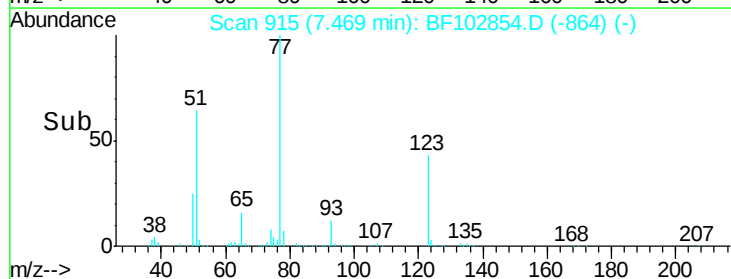
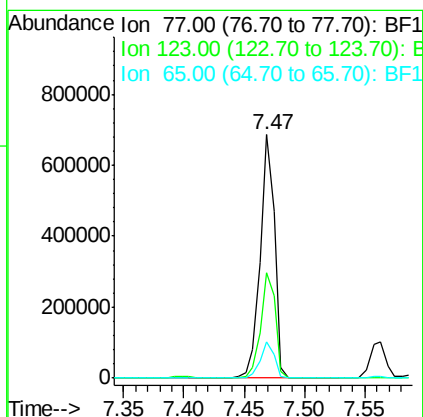
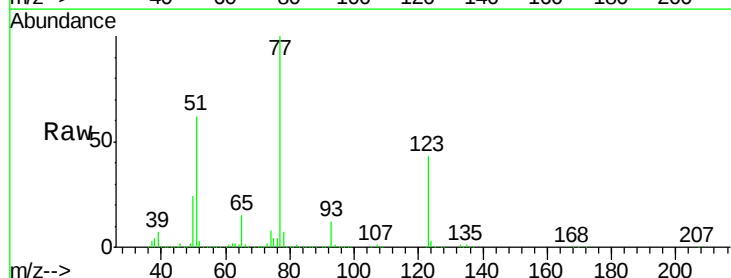
Instrument :
 BNA_F
 ClientSampleId :
 WABUT-6MS

Tot Ion: 82 Resp: 1033826
 Ion Ratio Lower Upper
 82 100
 128 42.6 36.1 54.1
 54 61.6 41.4 62.2



#24
 Nitrobenzene
 Concen: 38.517 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BF102854.D
 Acq: 8 Feb 2018 14:24

Tgt Ion: 77 Resp: 571116
 Ion Ratio Lower Upper
 77 100
 123 43.3 37.9 56.9
 65 14.8 11.0 16.4





#25

Isophorone

Concen: 35.936 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.01 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

Instrument :

BNA_F

ClientSampleId :

WABUT-6MS

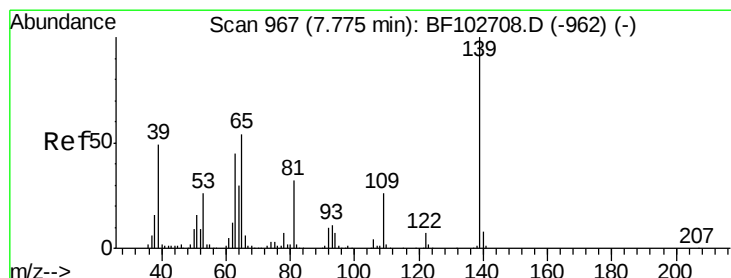
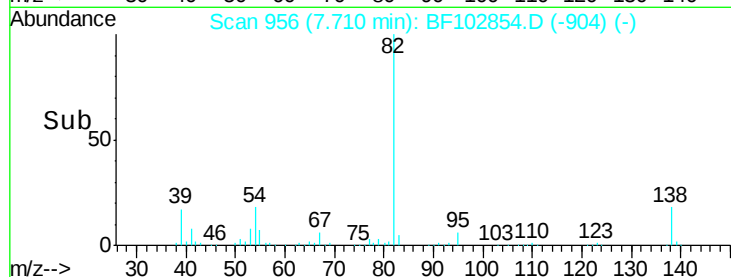
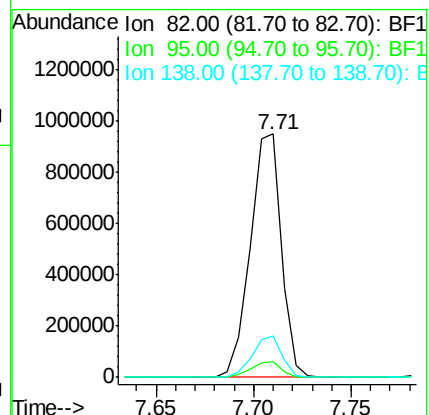
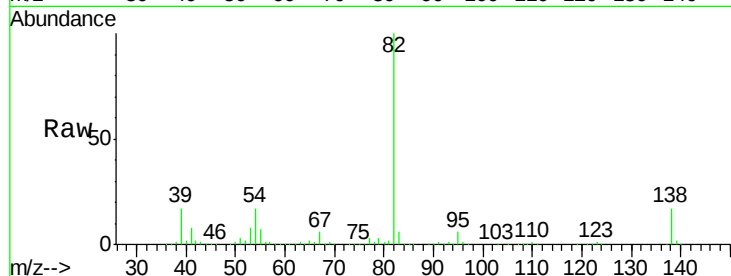
Tot Ion: 82 Resp: 1042801

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 17.1 14.9 22.3



#26

2-Nitrophenol

Concen: 41.597 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

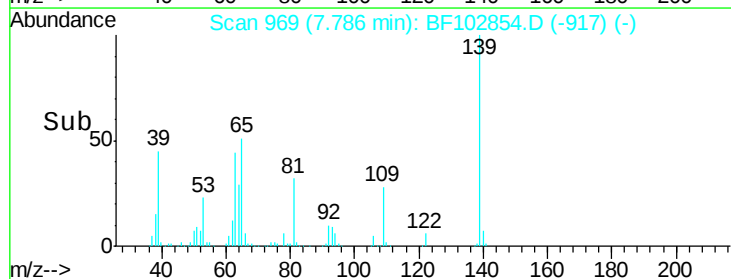
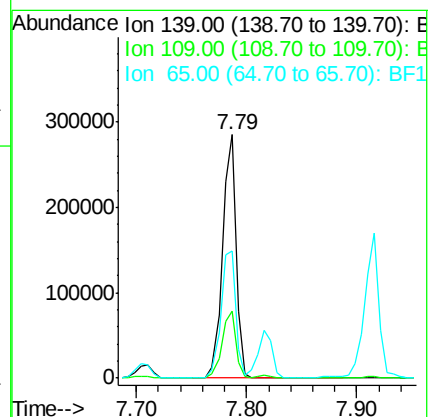
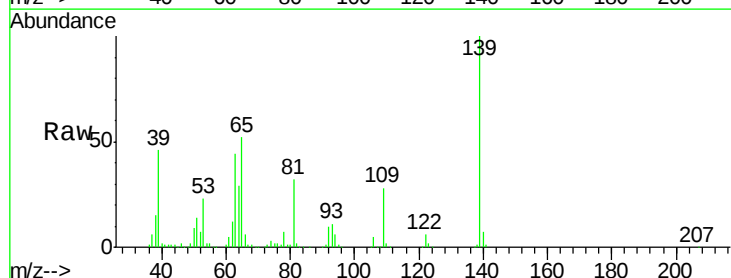
Tgt Ion: 139 Resp: 244733

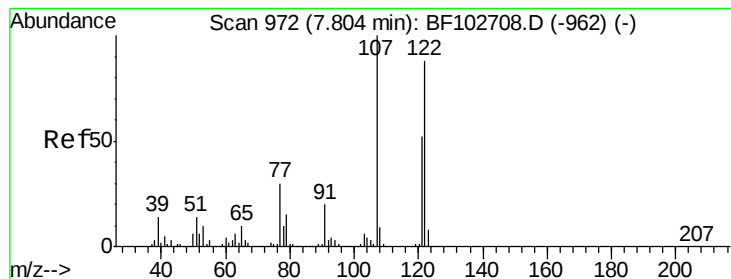
Ion Ratio Lower Upper

139 100

109 27.8 22.7 34.1

65 52.1 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 37.886 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

Instrument :

BNA_F

ClientSampleId :

WABUT-6MS

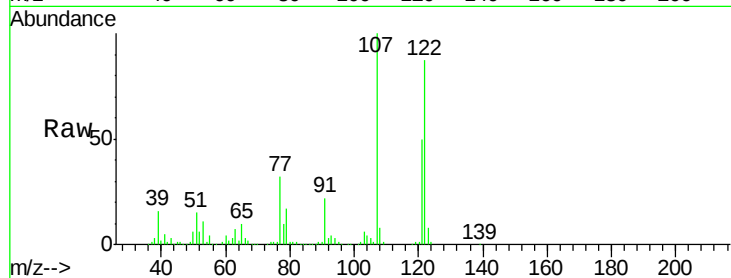
Tot Ion:122 Resp: 464464

Ion Ratio Lower Upper

122 100

107 114.8 91.2 136.8

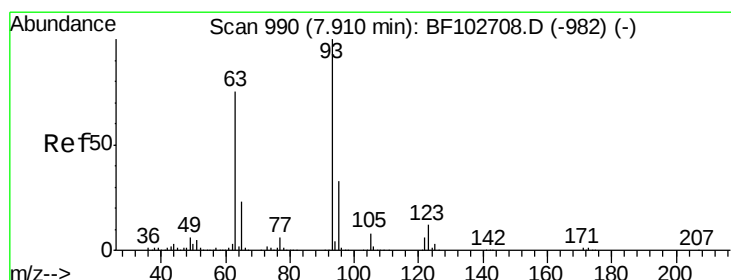
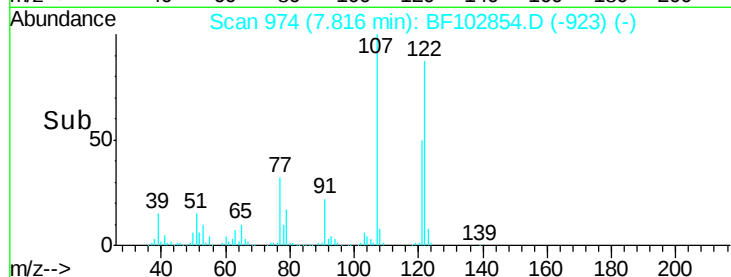
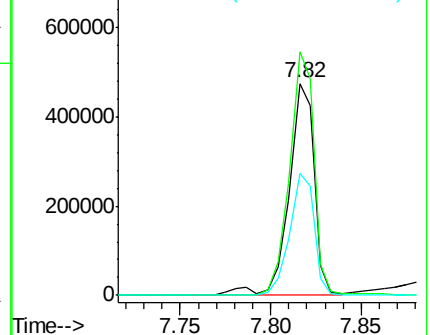
121 57.8 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.664 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

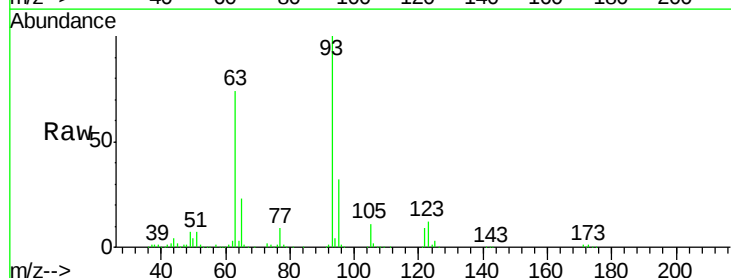
Tgt Ion: 93 Resp: 630265

Ion Ratio Lower Upper

93 100

95 32.2 26.3 39.5

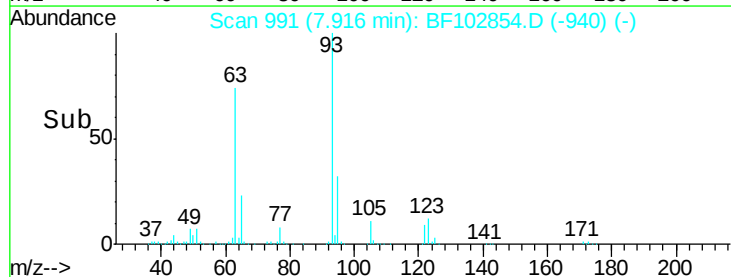
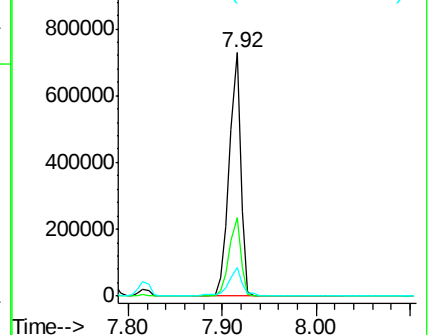
123 11.8 9.8 14.6

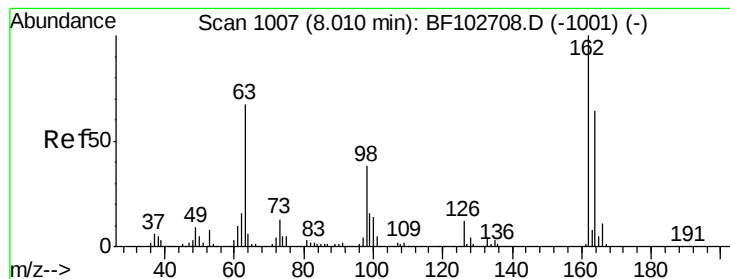


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 35.933 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

Instrument :

BNA_F

ClientSampleId :

WABUT-6MS

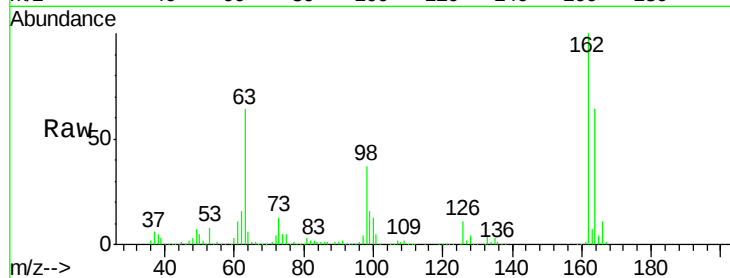
Tot Ion:162 Resp: 400462

Ion Ratio Lower Upper

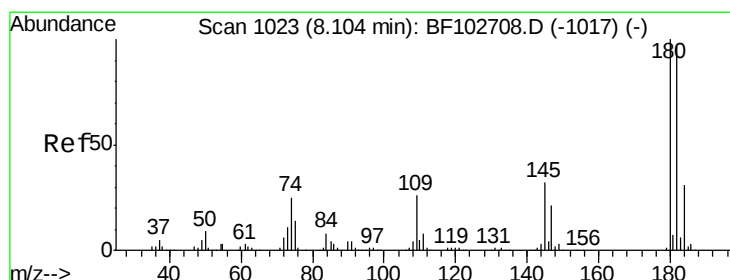
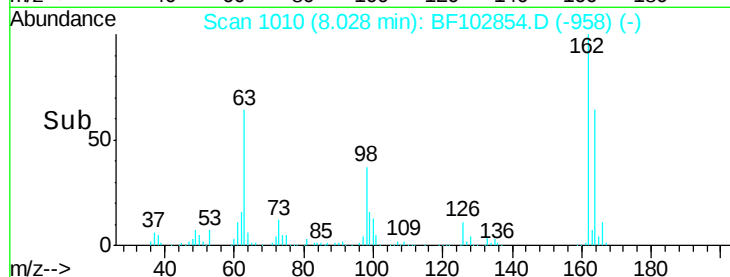
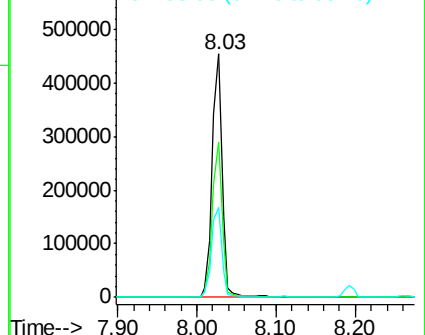
162 100

164 63.9 42.7 82.7

98 36.8 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: 30.249 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

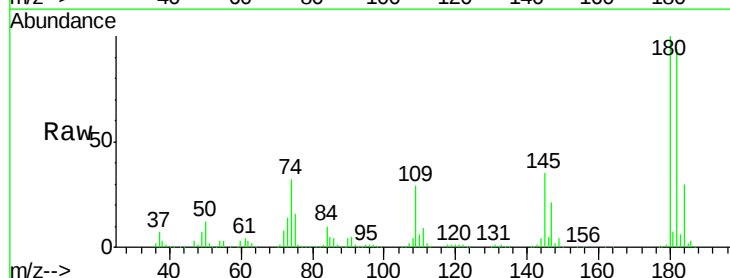
Tgt Ion:180 Resp: 381375

Ion Ratio Lower Upper

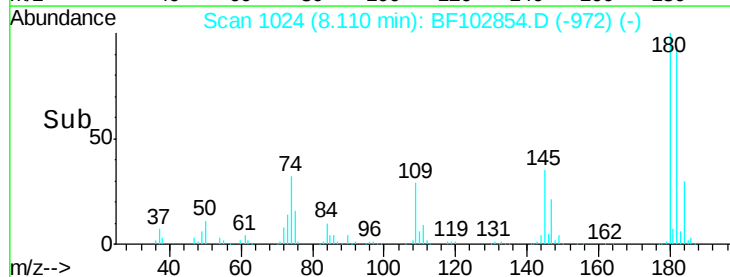
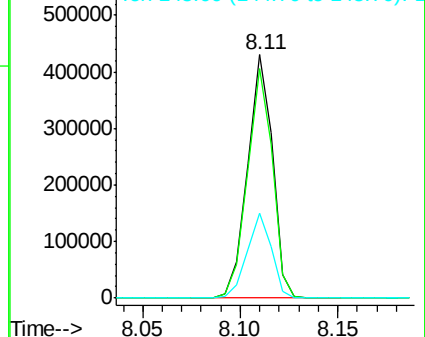
180 100

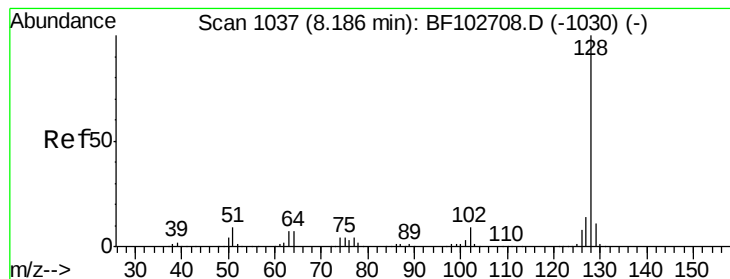
182 94.1 76.8 115.2

145 34.7 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: 31.954 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

Instrument :

BNA_F

ClientSampleId :

WABUT-6MS

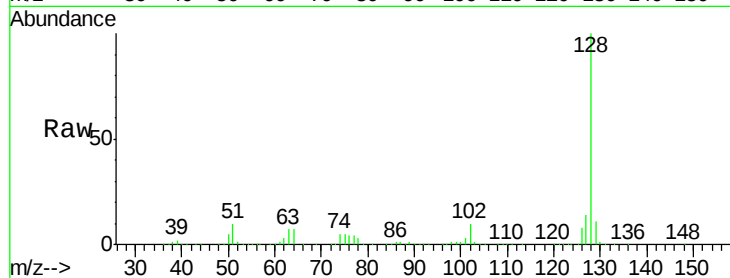
Tot Ion:128 Resp: 1364813

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

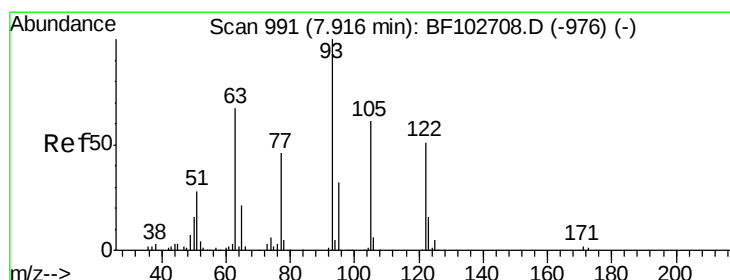
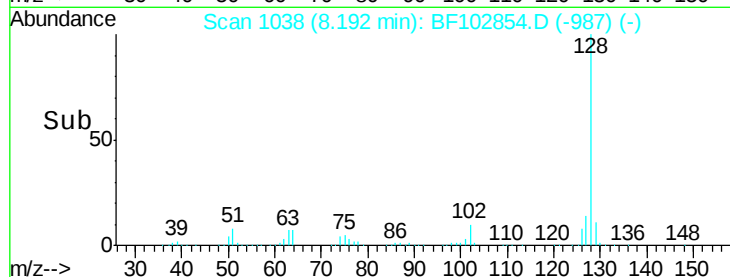
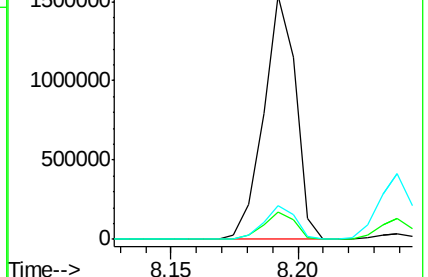
127 13.7 10.9 16.3



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: 37.174 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.00 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

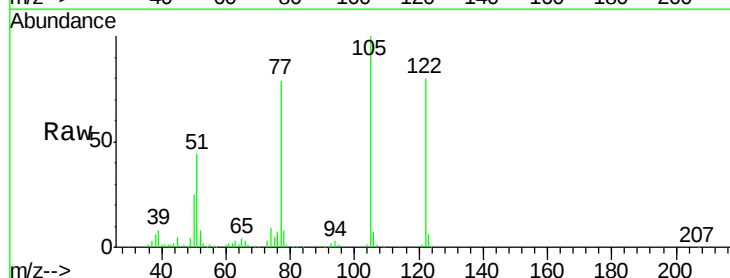
Tgt Ion:122 Resp: 289041

Ion Ratio Lower Upper

122 100

105 125.5 101.1 141.1

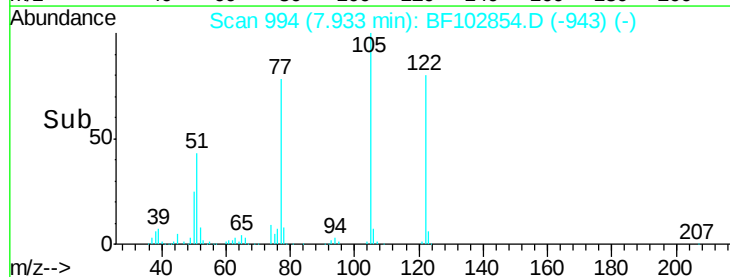
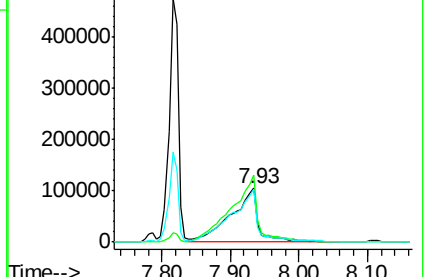
77 99.5 70.7 110.7

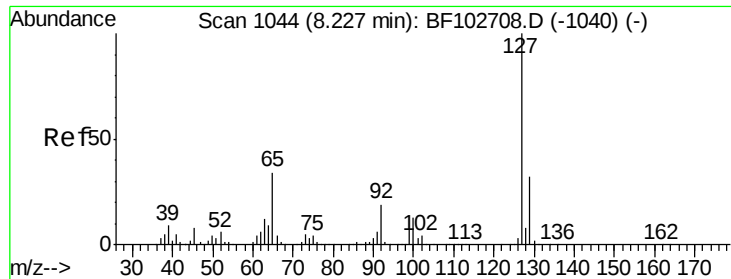


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

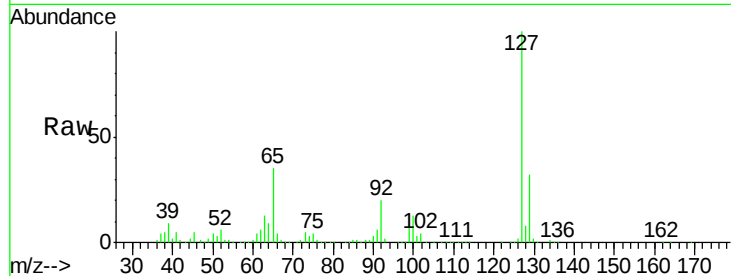




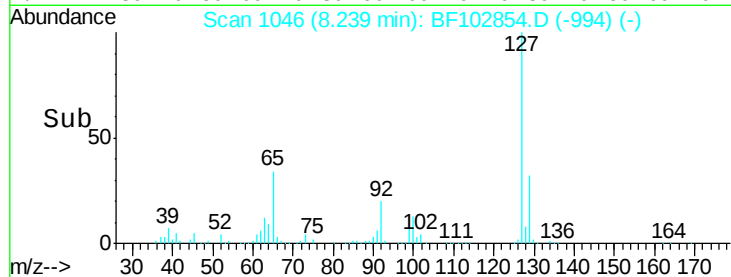
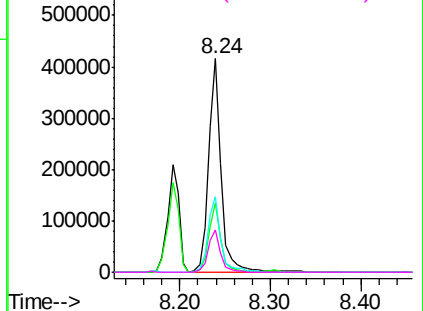
#33
4-Chloroaniline
Concen: 22.010 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF102854.D
Acq: 8 Feb 2018 14:24

Instrument :
BNA_F
ClientSampleId :
WABUT-6MS

Tot Ion:	127	Resp:	404993
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	35.3	25.0	37.4
92	19.9	15.2	22.8

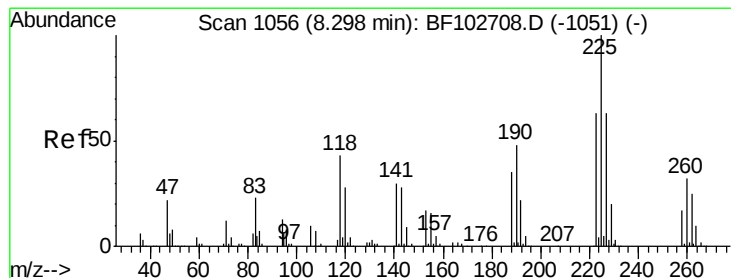


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

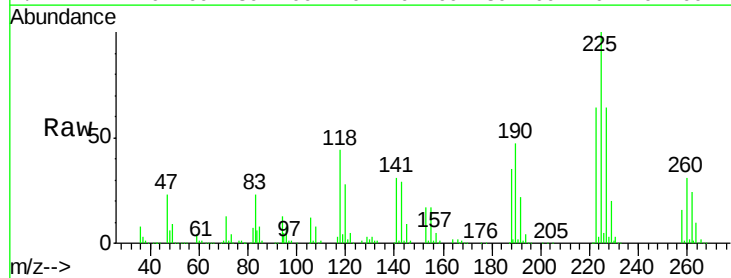
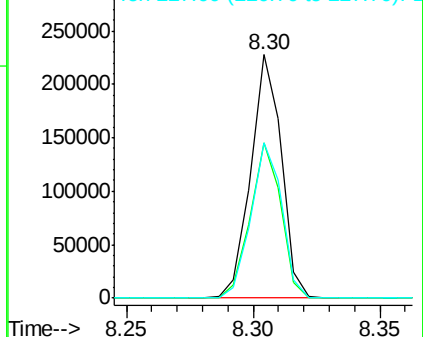


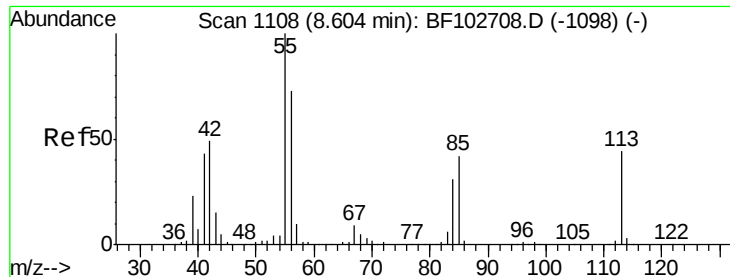
#34
Hexachlorobutadiene
Concen: 29.521 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF102854.D
Acq: 8 Feb 2018 14:24

Tgt Ion:	225	Resp:	190724
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	64.0	51.9	77.9



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





#35

Caprolactam

Concen: 35.297 ng

RT: 8.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

Instrument :

BNA_F

ClientSampleId :

WABUT-6MS

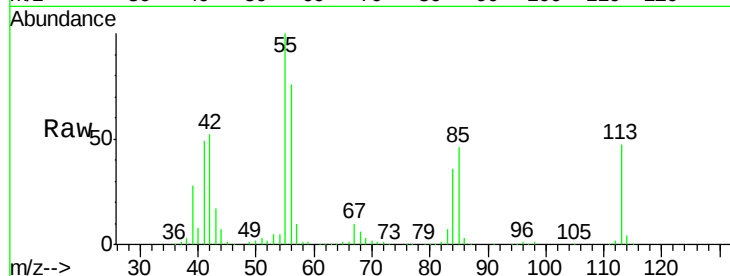
Tot Ion:113 Resp: 136616

Ion Ratio Lower Upper

113 100

55 214.2 163.3 203.3#

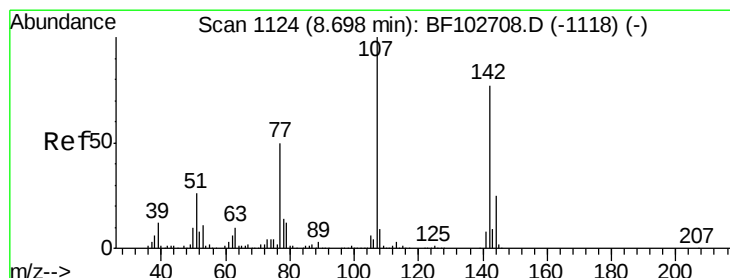
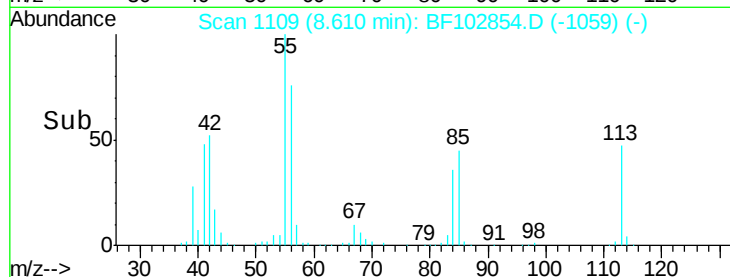
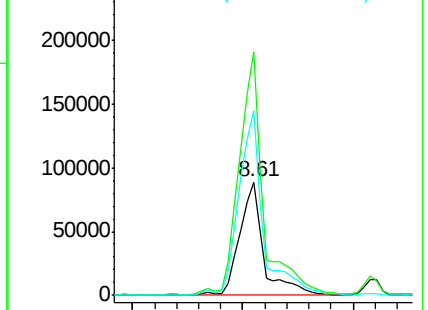
56 162.9 115.7 155.7#



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: 36.137 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

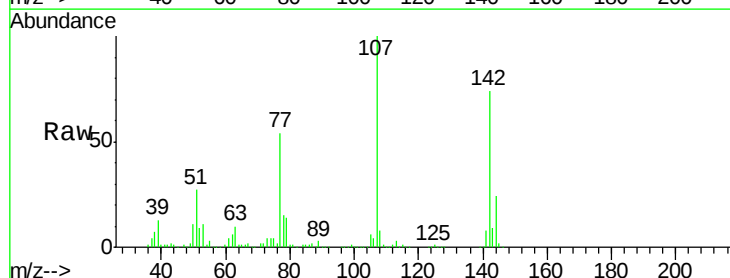
Tgt Ion:107 Resp: 452504

Ion Ratio Lower Upper

107 100

144 23.9 20.5 30.7

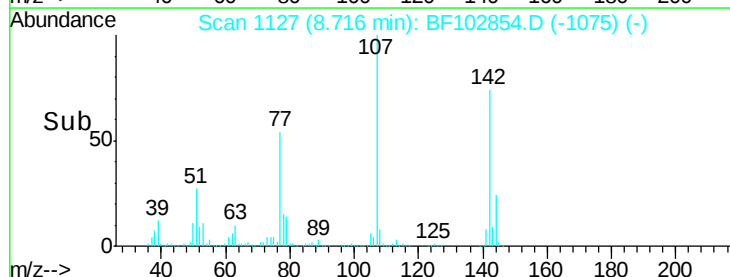
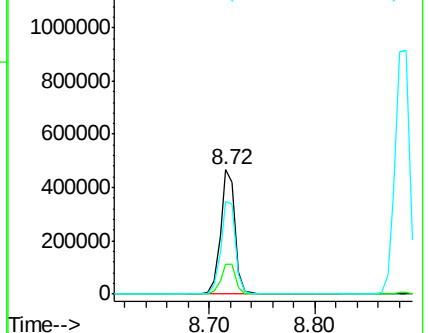
142 74.4 62.0 93.0

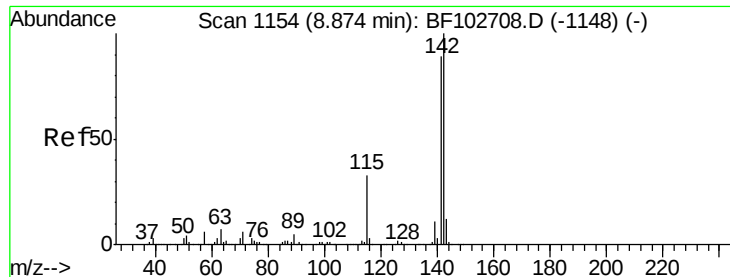


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

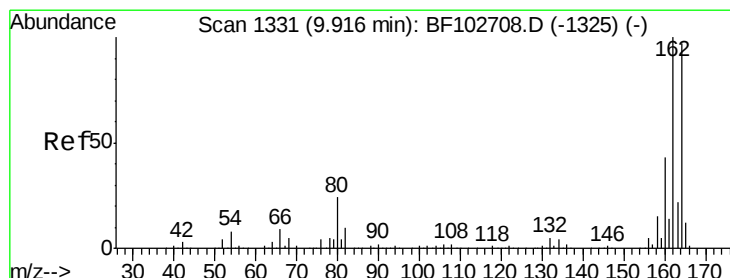
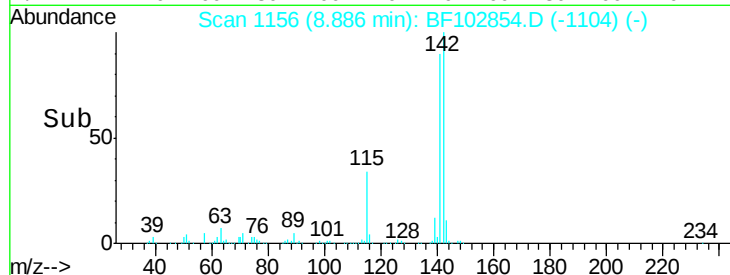
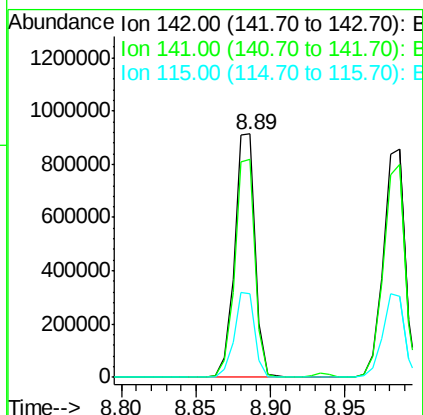
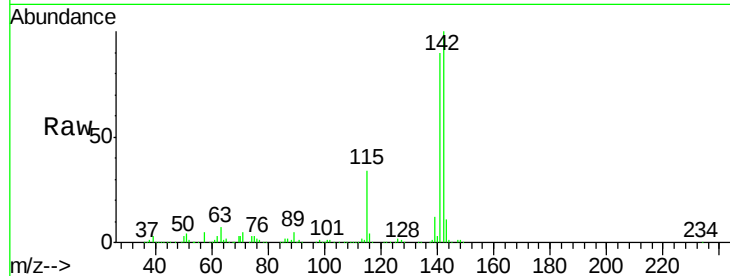




#37
2-Methylnaphthalene
Concen: 31.604 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BF102854.D
Acq: 8 Feb 2018 14:24

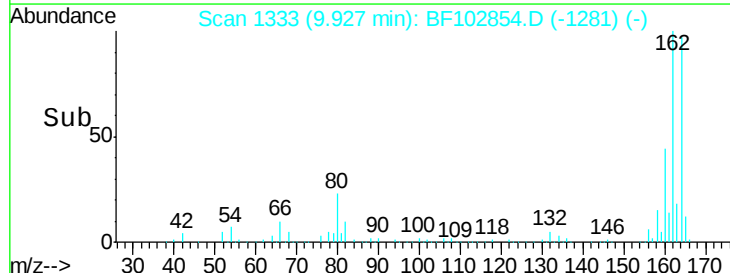
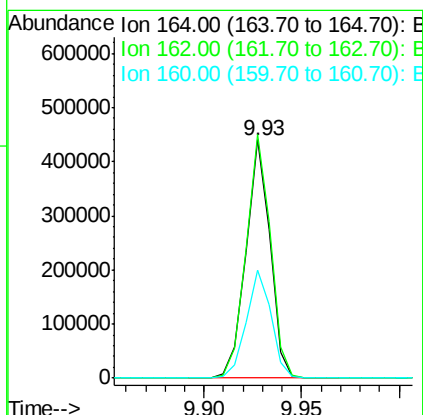
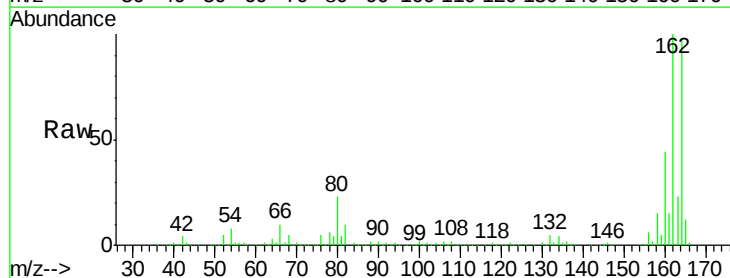
Instrument :
BNA_F
ClientSampleId :
WABUT-6MS

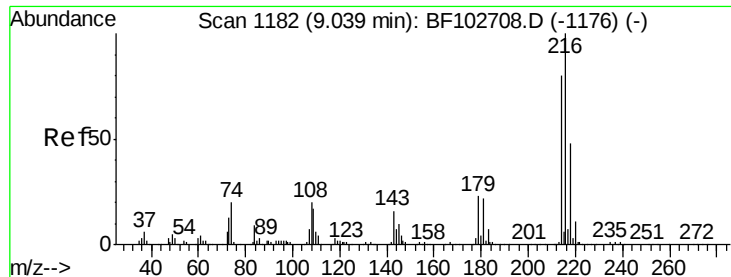
Tot Ion:142 Resp: 883773
Ion Ratio Lower Upper
142 100
141 89.6 70.8 106.2
115 34.1 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF102854.D
Acq: 8 Feb 2018 14:24

Tgt Ion:164 Resp: 376055
Ion Ratio Lower Upper
164 100
162 102.2 86.1 129.1
160 45.2 38.3 57.5

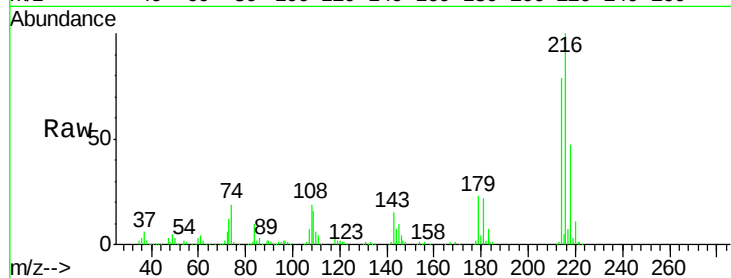




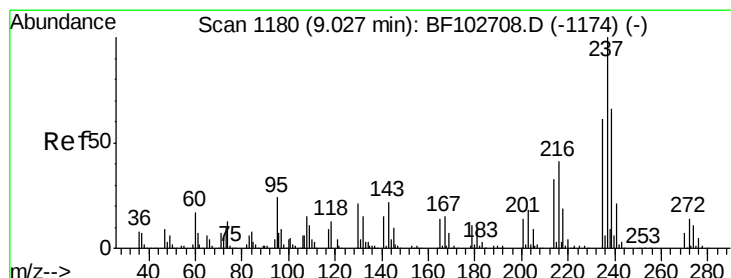
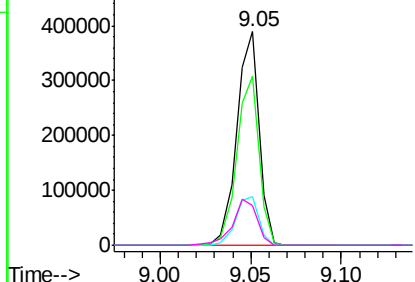
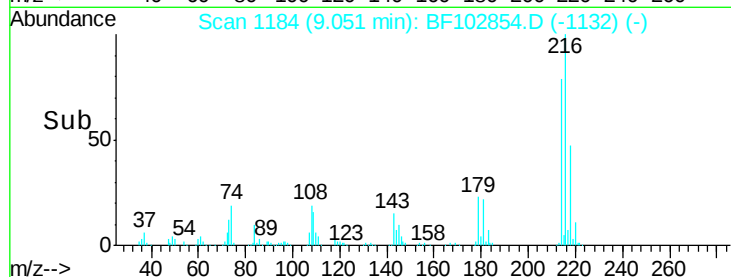
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.457 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF102854.D
 Acq: 8 Feb 2018 14:24

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-6MS

Tot Ion:216	Resp:	332337
Ion Ratio	Lower	Upper
216	100	
214	79.2	63.0 94.4
179	23.7	18.1 27.1
108	23.3	17.2 25.8

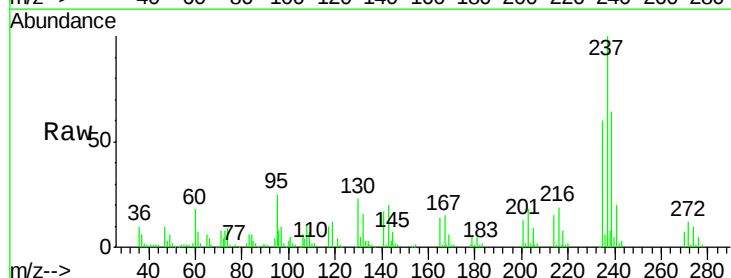


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

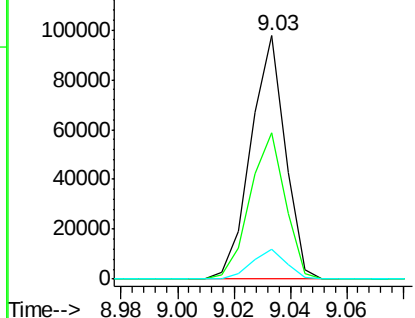
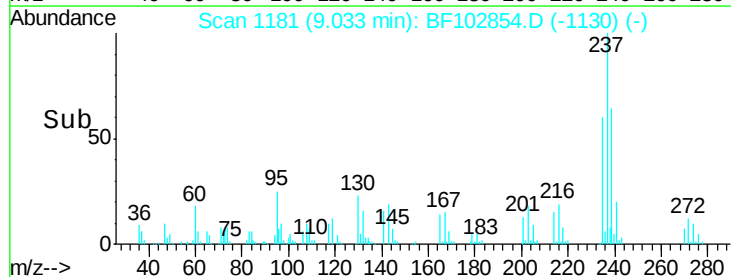


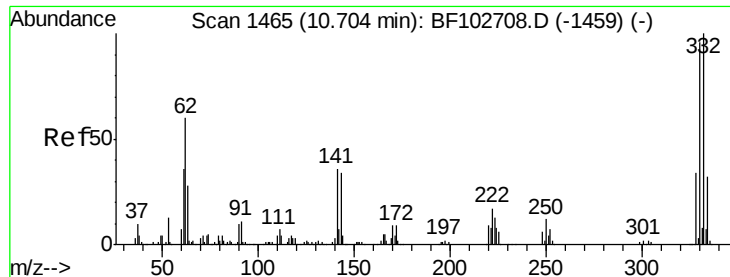
#40
 Hexachlorocyclopentadiene
 Concen: 16.906 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF102854.D
 Acq: 8 Feb 2018 14:24

Tgt Ion:237	Resp:	82289
Ion Ratio	Lower	Upper
237	100	
235	59.9	44.8 84.8
272	12.3	0.0 33.3



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





#41

2,4,6-Tribromophenol

Concen: 80.550 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.01 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

Instrument :

BNA_F

ClientSampleId :

WABUT-6MS

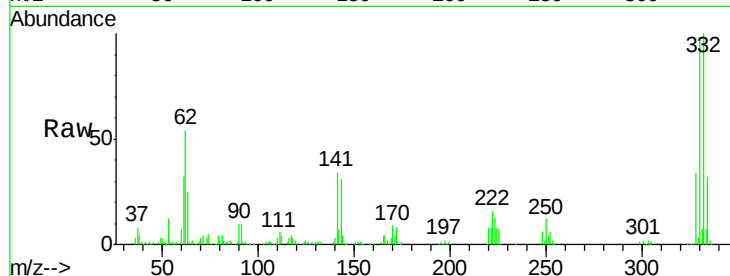
Tot Ion:330 Resp: 243809

Ion Ratio Lower Upper

330 100

332 102.6 77.0 115.6

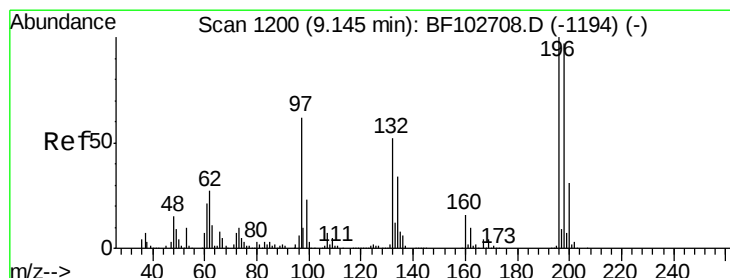
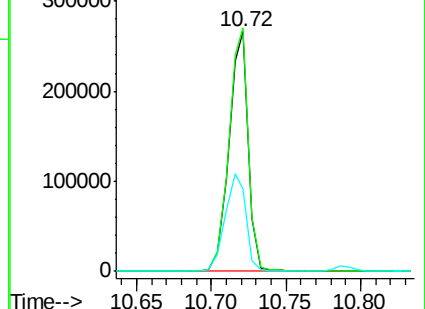
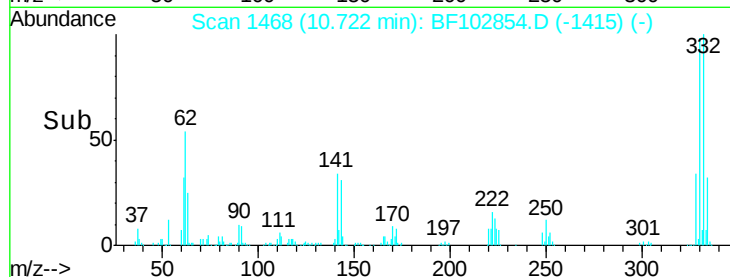
141 44.5 29.9 44.9



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: 37.143 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

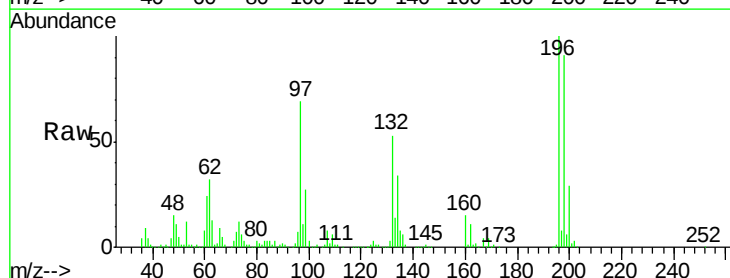
Tgt Ion:196 Resp: 249804

Ion Ratio Lower Upper

196 100

198 91.5 75.7 113.5

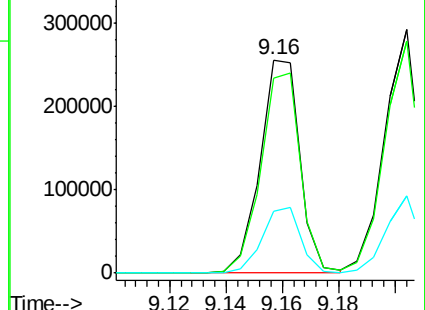
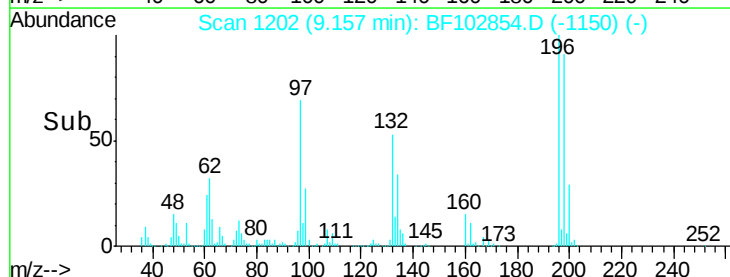
200 29.1 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

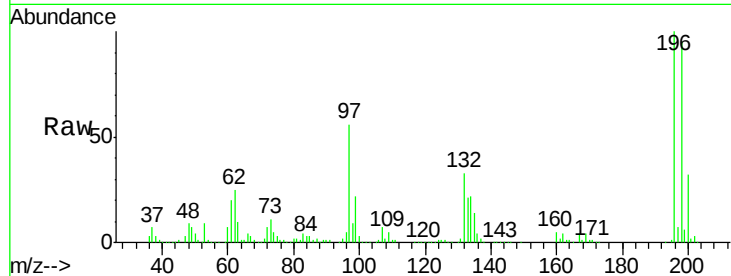




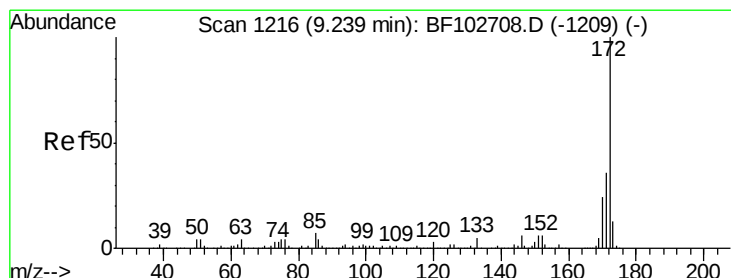
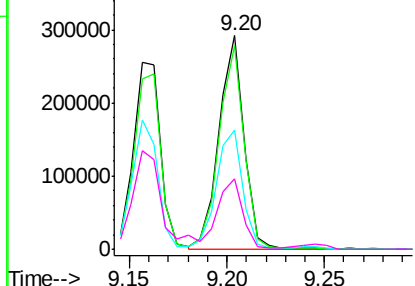
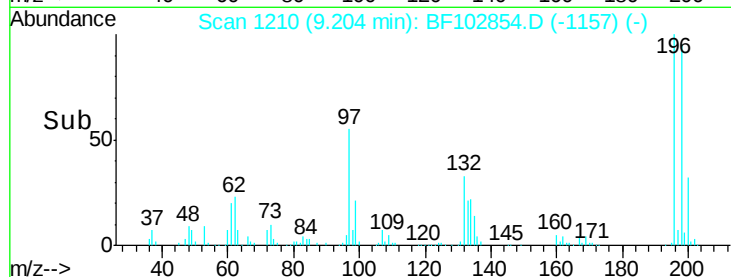
#43
 2,4,5-Trichlorophenol
 Concen: 34.133 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF102854.D
 Acq: 8 Feb 2018 14:24

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-6MS

Tot Ion:196 Resp: 258735
 Ion Ratio Lower Upper
 196 100
 198 95.5 74.6 112.0
 97 55.6 42.9 64.3
 132 32.8 26.3 39.5

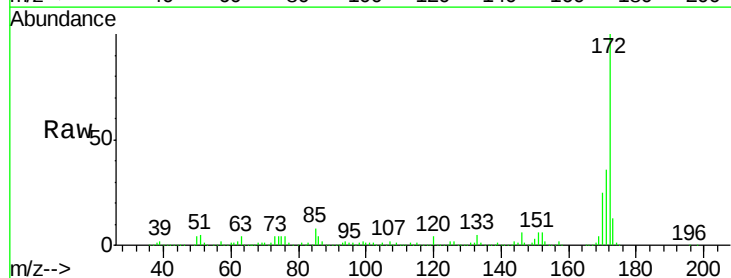


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

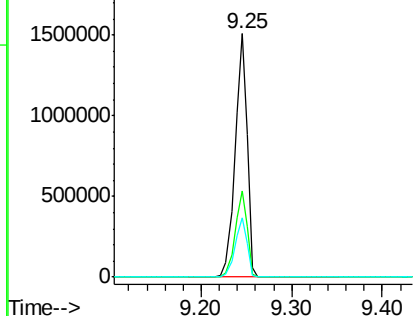
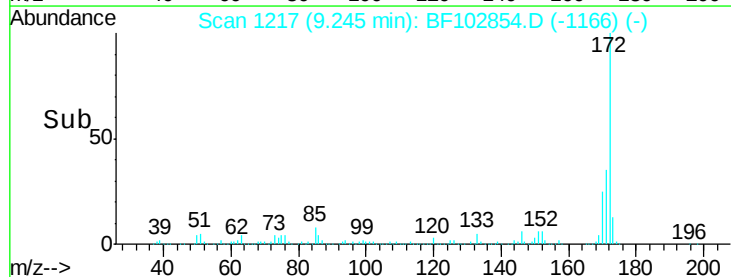


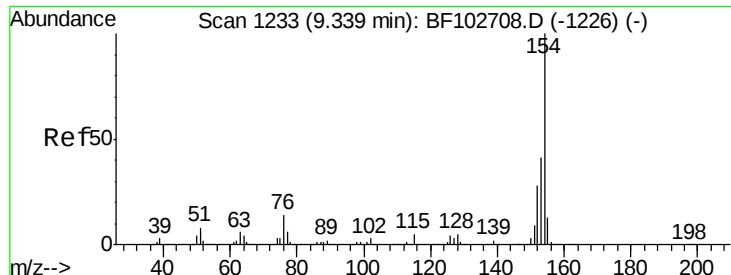
#44
 2-Fluorobiphenyl
 Concen: 62.174 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF102854.D
 Acq: 8 Feb 2018 14:24

Tgt Ion:172 Resp: 1409034
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 24.6 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: 31.576 ng

RT: 9.35 min Scan# 1234

Delta R.T. -0.00 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

Instrument :

BNA_F

ClientSampleId :

WABUT-6MS

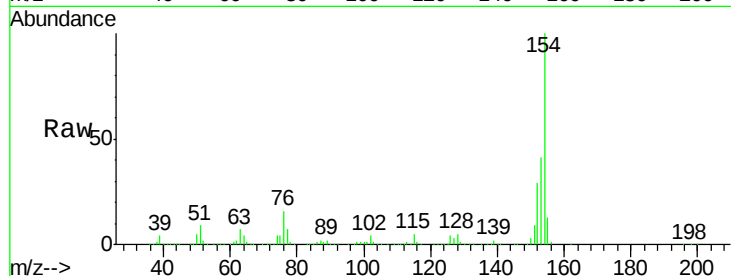
Tot Ion:154 Resp: 1000155

Ion Ratio Lower Upper

154 100

153 40.6 21.3 61.3

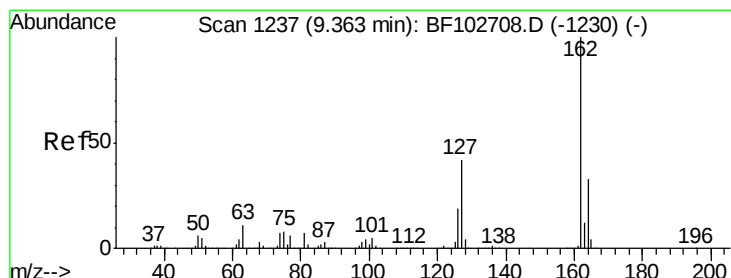
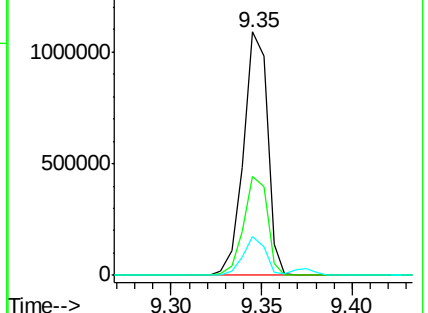
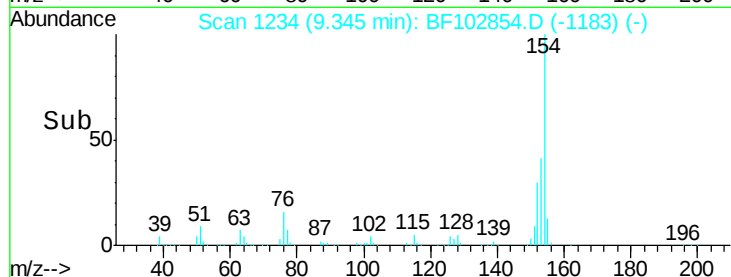
76 15.9 0.0 34.0



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: 32.121 ng

RT: 9.37 min Scan# 1239

Delta R.T. 0.01 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

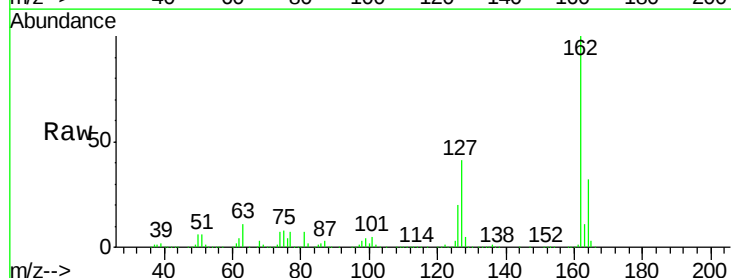
Tgt Ion:162 Resp: 800968

Ion Ratio Lower Upper

162 100

127 41.4 33.9 50.9

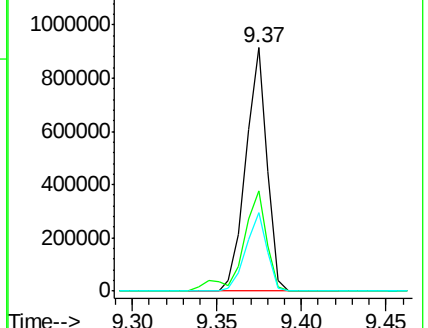
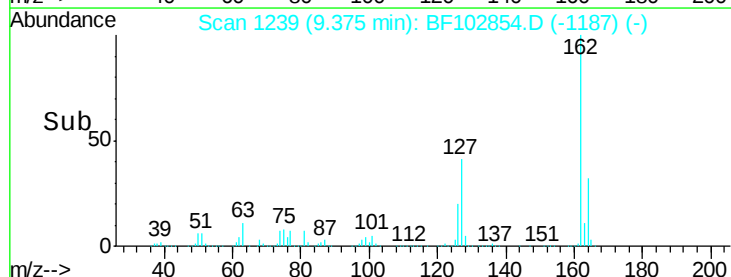
164 32.5 26.5 39.7



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: 43.783 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

Instrument :

BNA_F

ClientSampleId :

WABUT-6MS

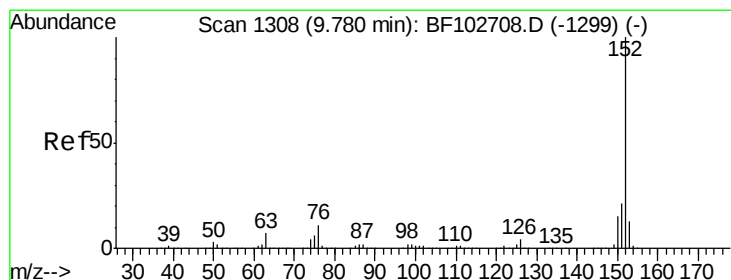
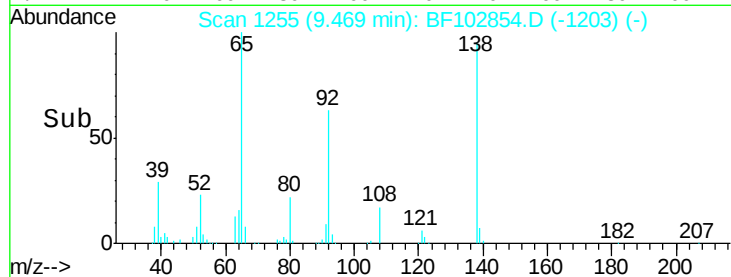
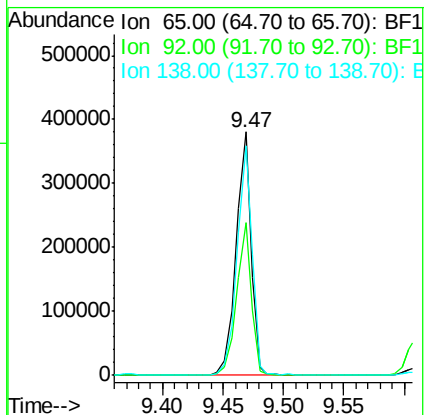
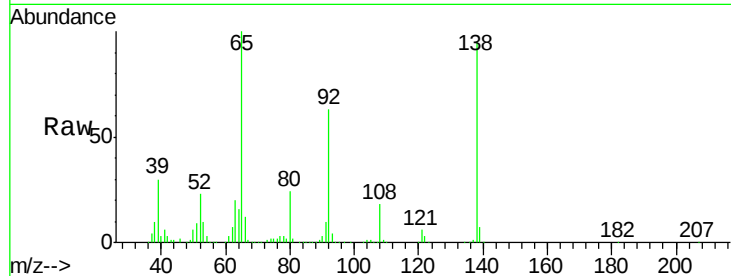
Tot Ion: 65 Resp: 334363

Ion Ratio Lower Upper

65 100

92 62.6 55.8 83.6

138 94.5 91.2 136.8



#48

Acenaphthylene

Concen: 30.905 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

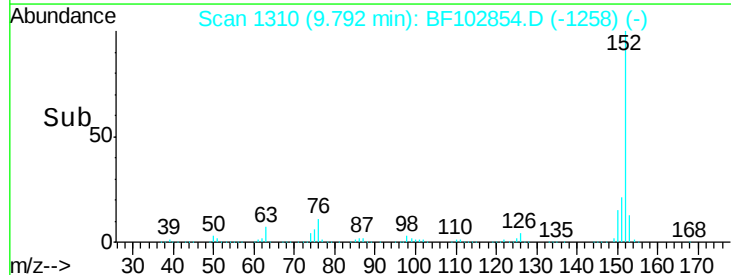
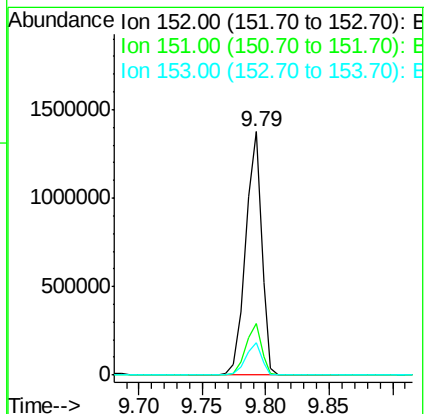
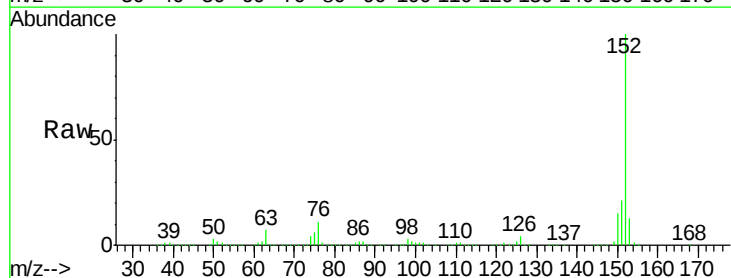
Tgt Ion: 152 Resp: 1196929

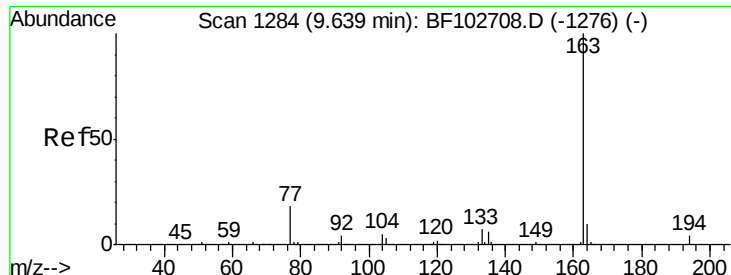
Ion Ratio Lower Upper

152 100

151 21.2 16.3 24.5

153 13.3 10.7 16.1

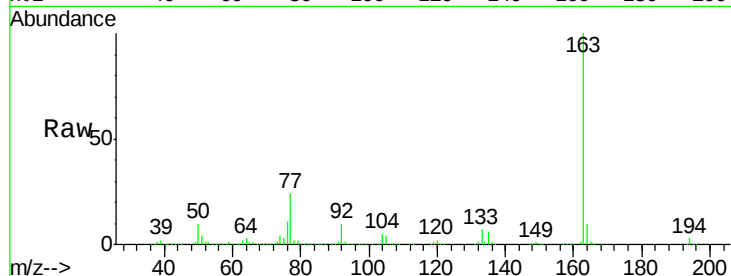




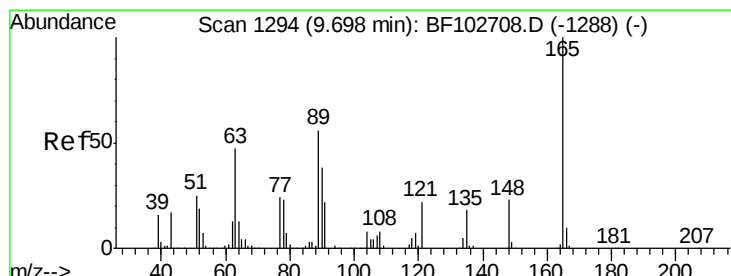
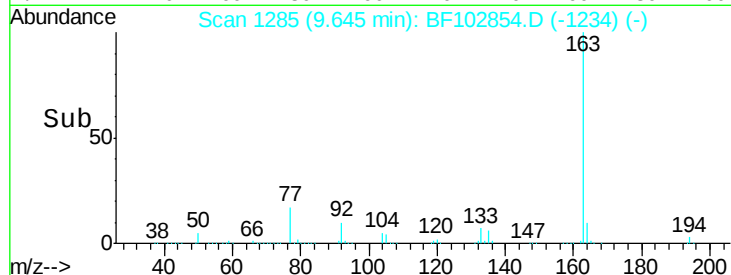
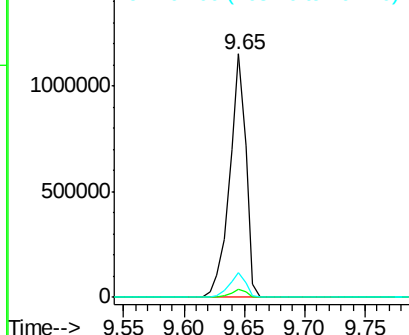
#49
Dimethylphthalate
Concen: 36.730 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF102854.D
Acq: 8 Feb 2018 14:24

Instrument :
BNA_F
ClientSampleId :
WABUT-6MS

Tot Ion:163 Resp: 1076990
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.3 8.2 12.2

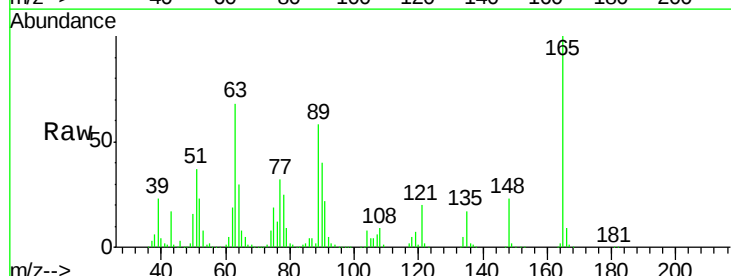


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

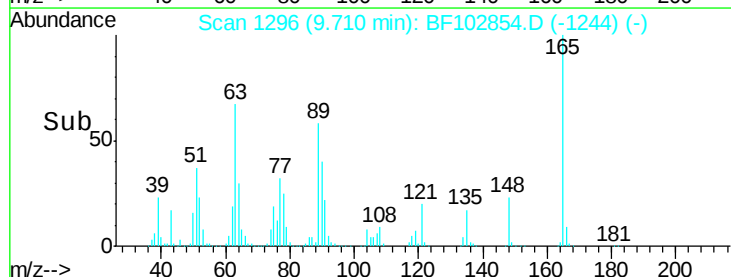
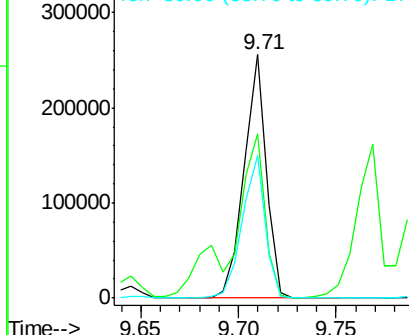


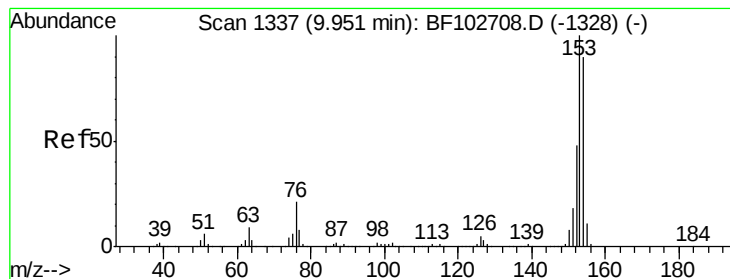
#50
2,6-Dinitrotoluene
Concen: 36.244 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF102854.D
Acq: 8 Feb 2018 14:24

Tgt Ion:165 Resp: 202190
Ion Ratio Lower Upper
165 100
63 67.6 44.7 67.1#
89 58.5 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: 30.751 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

Instrument :

BNA_F

ClientSampleId :

WABUT-6MS

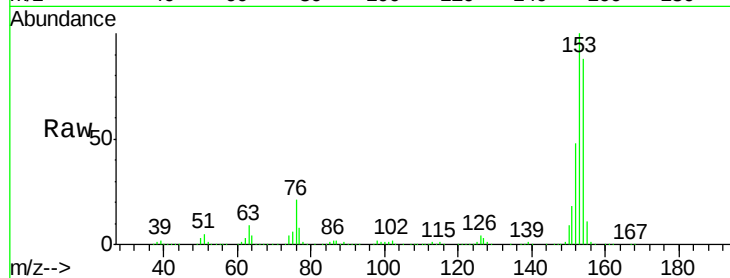
Tot Ion:154 Resp: 712240

Ion Ratio Lower Upper

154 100

153 113.8 91.2 136.8

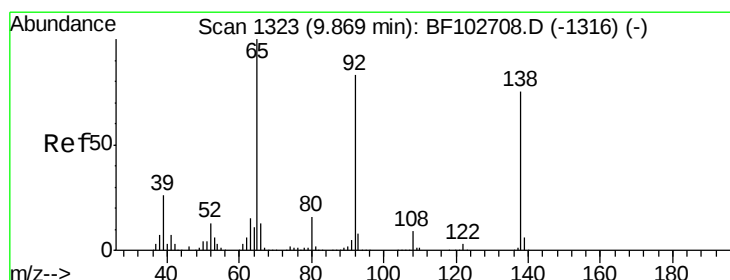
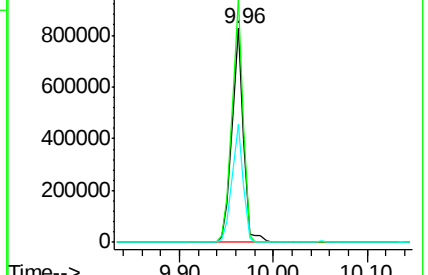
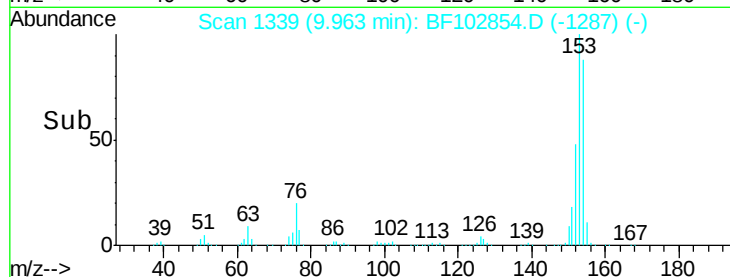
152 55.1 43.8 65.8



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: 31.984 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

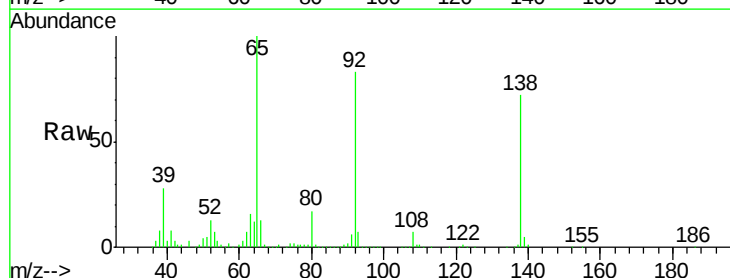
Tgt Ion:138 Resp: 219537

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

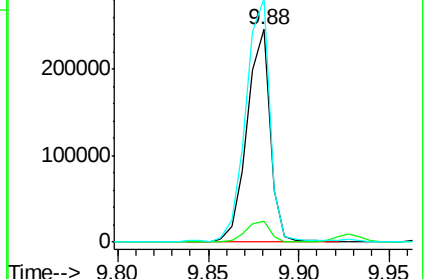
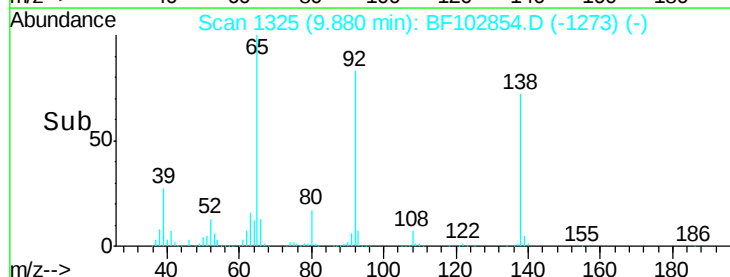
92 114.4 89.4 134.2

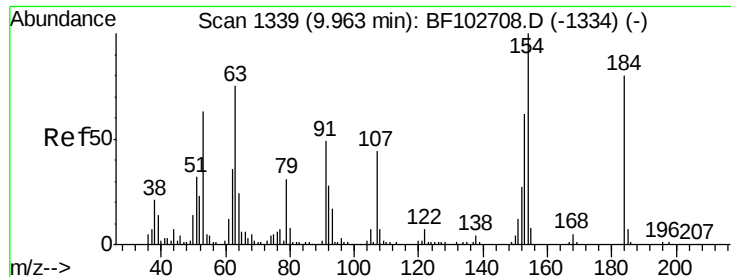


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

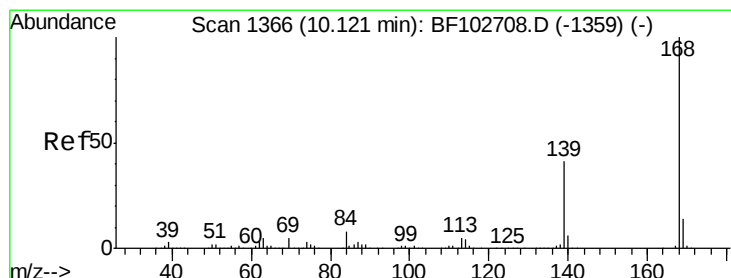
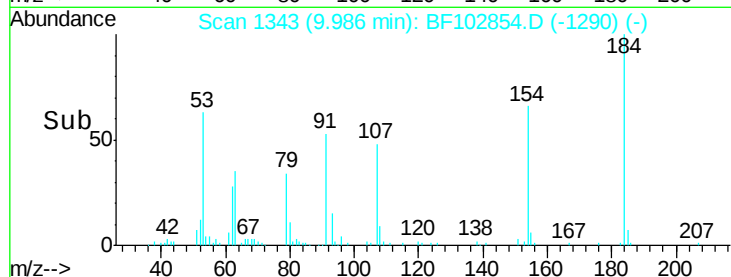
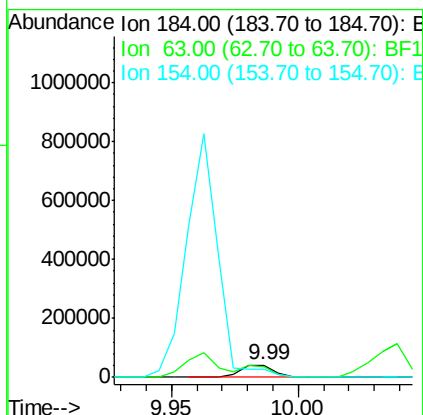
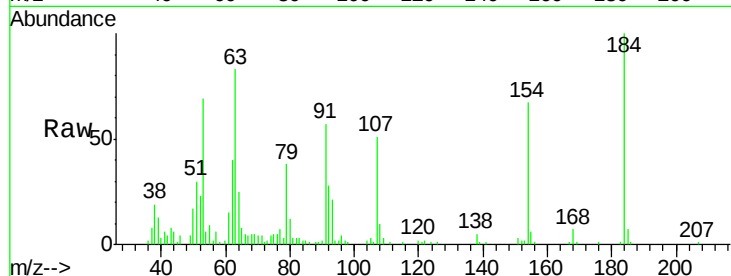




#53
 2,4-Dinitrophenol
 Concen: 36.208 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.01 min
 Lab File: BF102854.D
 Acq: 8 Feb 2018 14:24

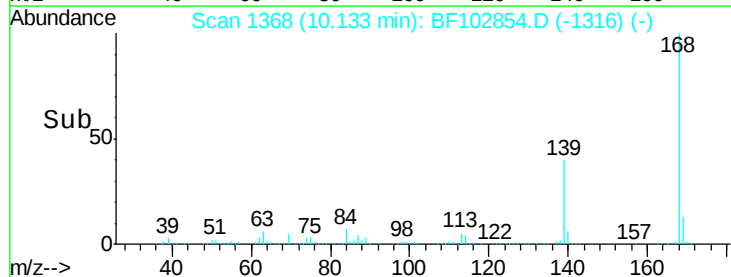
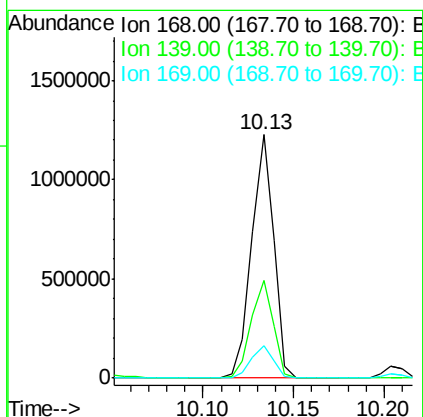
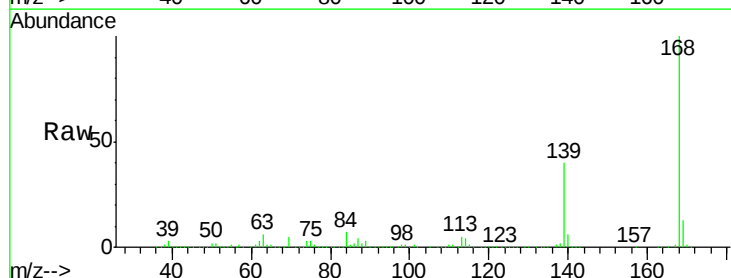
Instrument :
 BNA_F
 ClientSampleId :
 WABUT-6MS

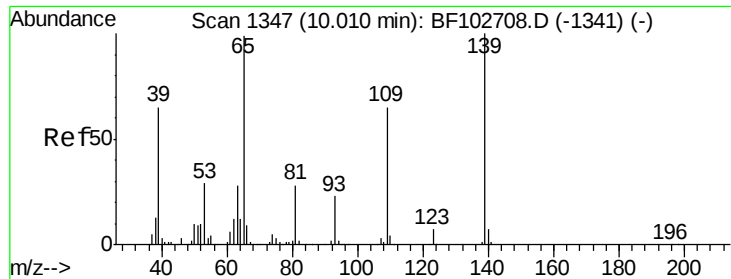
Tot Ion:184 Resp: 39474
 Ion Ratio Lower Upper
 184 100
 63 82.7 54.2 81.2#
 154 66.7 184.0 276.0#



#54
 Dibenzofuran
 Concen: 31.976 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. 0.01 min
 Lab File: BF102854.D
 Acq: 8 Feb 2018 14:24

Tgt Ion:168 Resp: 1043723
 Ion Ratio Lower Upper
 168 100
 139 40.3 30.1 45.1
 169 13.3 10.9 16.3

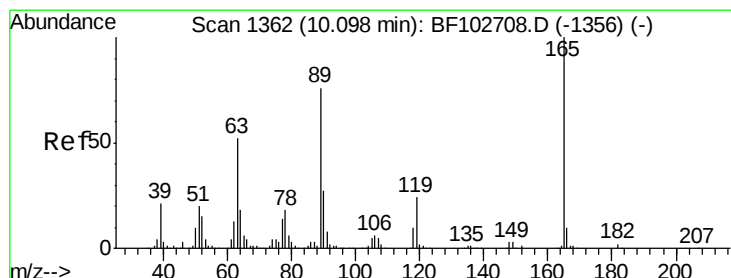
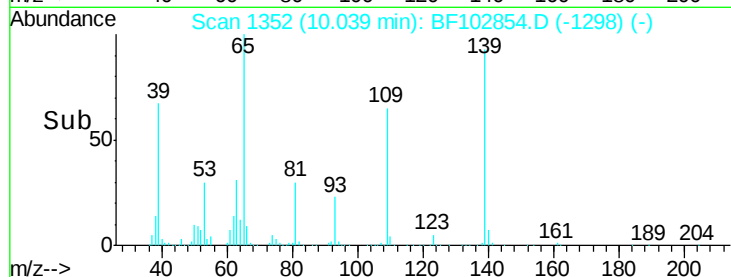
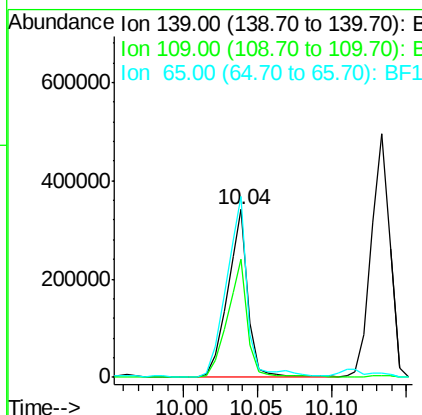
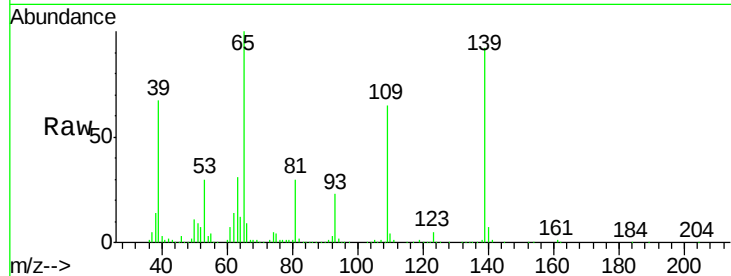




#55
4-Nitrophenol
Concen: 59.546 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF102854.D
Acq: 8 Feb 2018 14:24

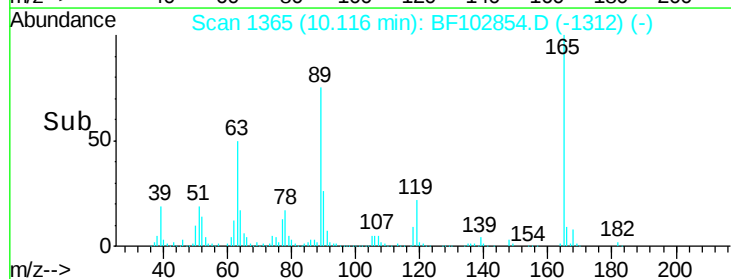
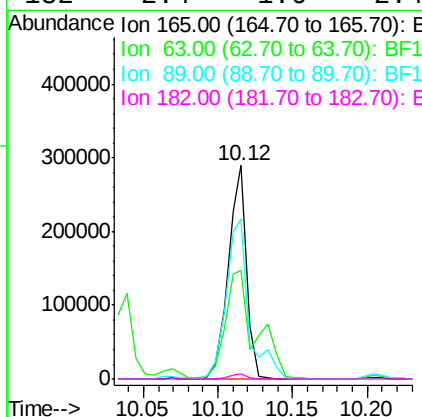
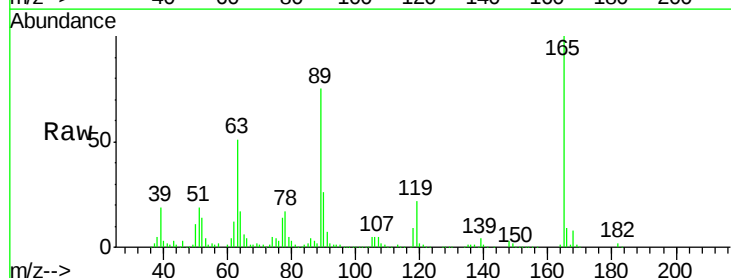
Instrument :
BNA_F
ClientSampleId :
WABUT-6MS

Tot Ion:139 Resp: 329774
Ion Ratio Lower Upper
139 100
109 70.2 48.4 88.4
65 108.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 34.500 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF102854.D
Acq: 8 Feb 2018 14:24

Tgt Ion:165 Resp: 251203
Ion Ratio Lower Upper
165 100
63 50.7 36.4 54.6
89 74.7 57.8 86.6
182 2.4 1.6 2.4





#57

Fluorene

Concen: 31.221 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

Instrument :

BNA_F

ClientSampleId :

WABUT-6MS

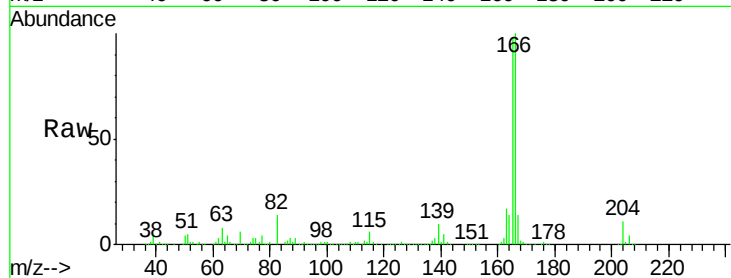
Tot Ion:166 Resp: 741454

Ion Ratio Lower Upper

166 100

165 98.0 79.8 119.8

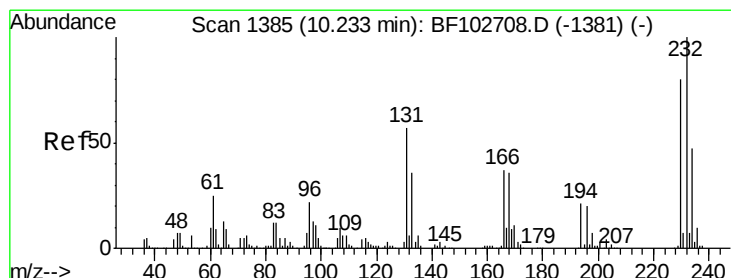
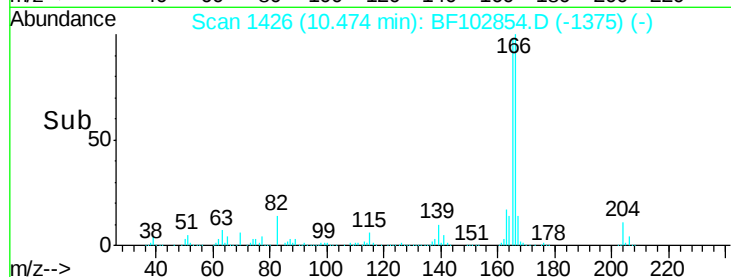
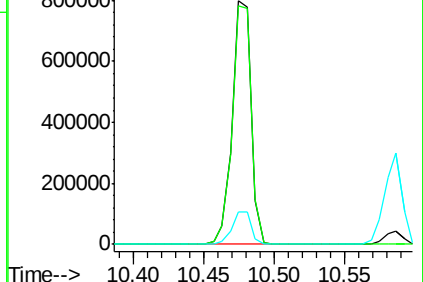
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.412 ng

RT: 10.25 min Scan# 1388

Delta R.T. 0.01 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

Tgt Ion:232 Resp: 175538

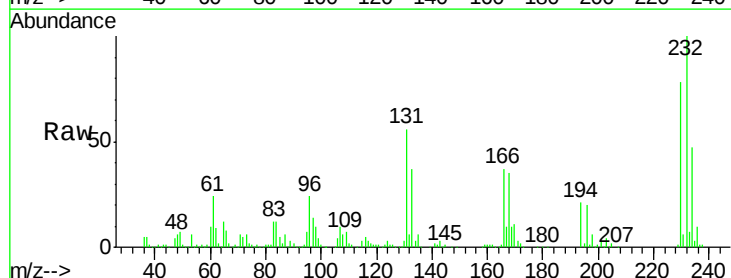
Ion Ratio Lower Upper

232 100

131 60.6 43.8 65.8

130 2.9 2.1 3.1

166 37.9 27.8 41.6

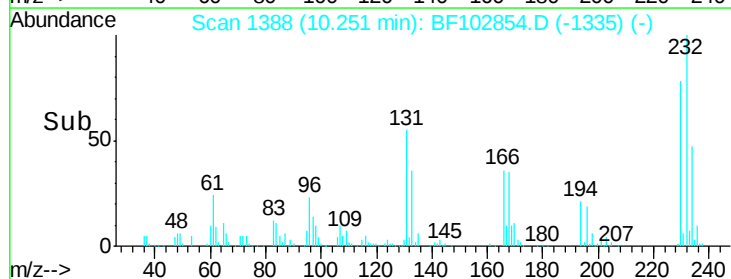
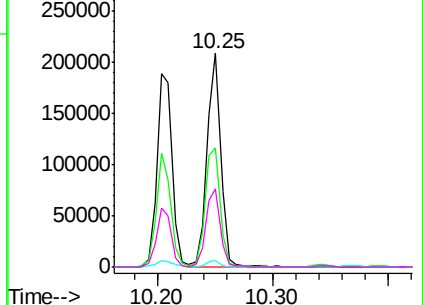


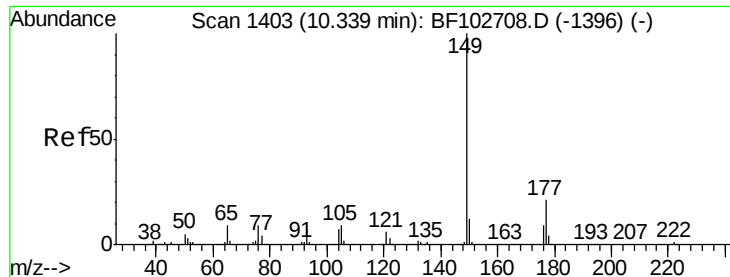
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

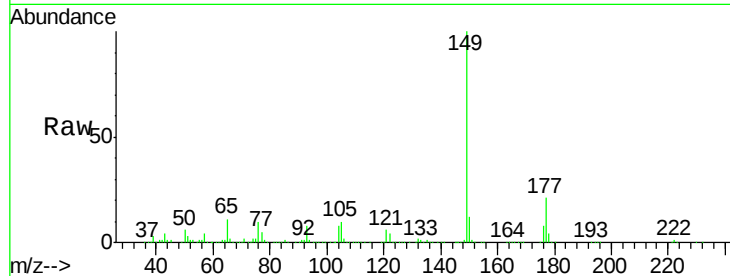




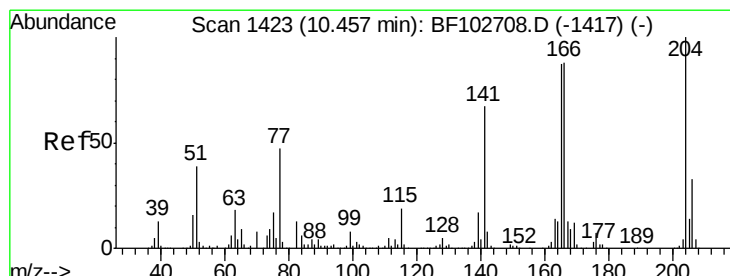
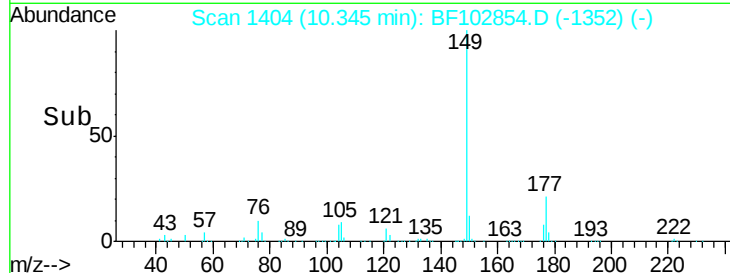
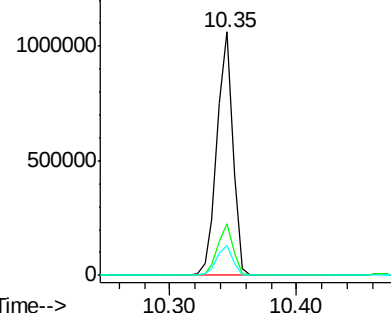
#59
Diethylphthalate
Concen: 31.599 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF102854.D
Acq: 8 Feb 2018 14:24

Instrument :
BNA_F
ClientSampleId :
WABUT-6MS

Tot Ion:149 Resp: 914861
Ion Ratio Lower Upper
149 100
177 21.0 16.1 24.1
150 12.4 10.1 15.1

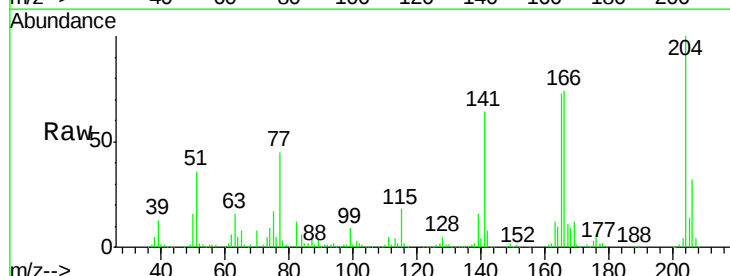


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

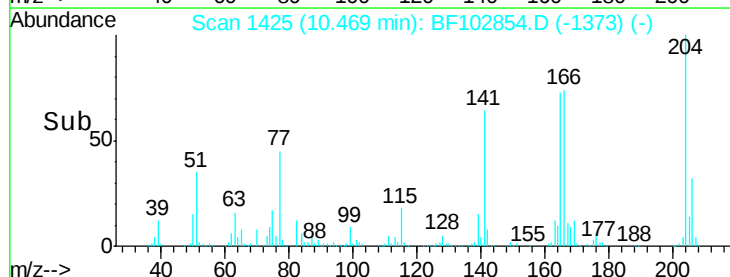
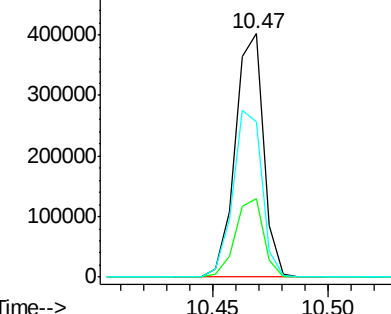


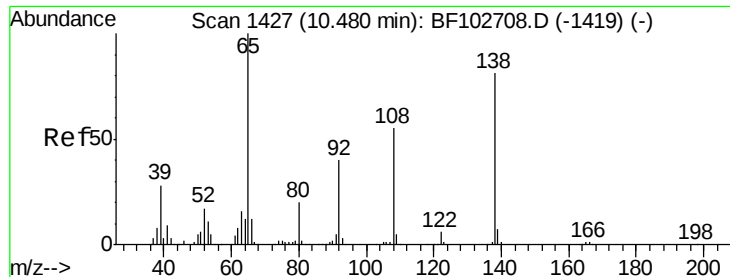
#60
4-Chlorophenyl-phenylether
Concen: 32.861 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF102854.D
Acq: 8 Feb 2018 14:24

Tgt Ion:204 Resp: 345228
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 63.5 54.6 81.8



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

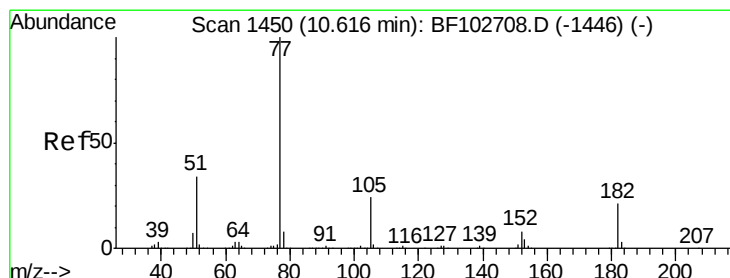
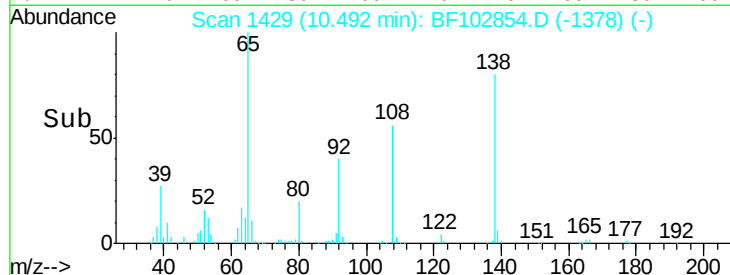
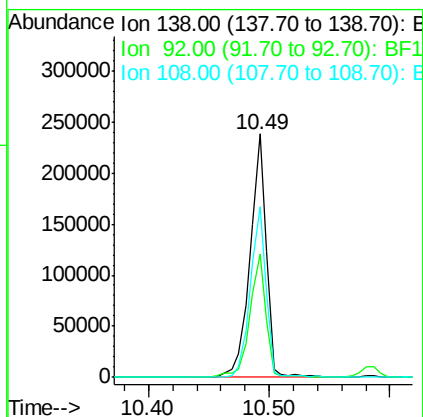
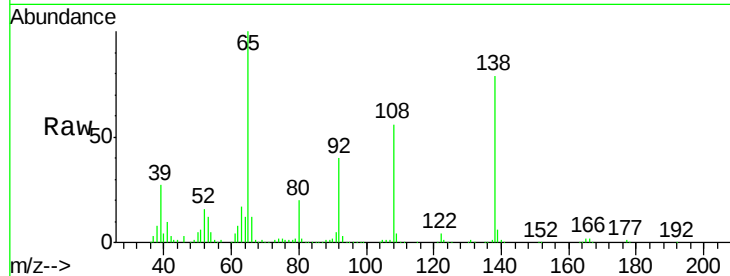




#61
4-Nitroaniline
Concen: 34.554 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF102854.D
Acq: 8 Feb 2018 14:24

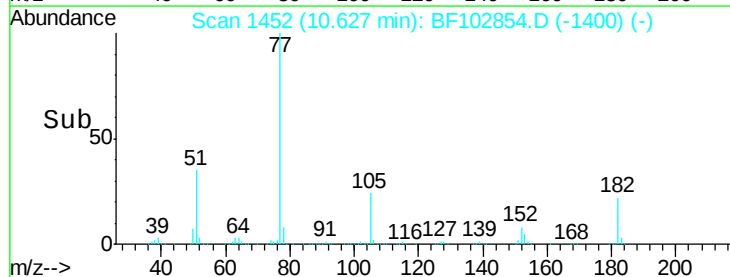
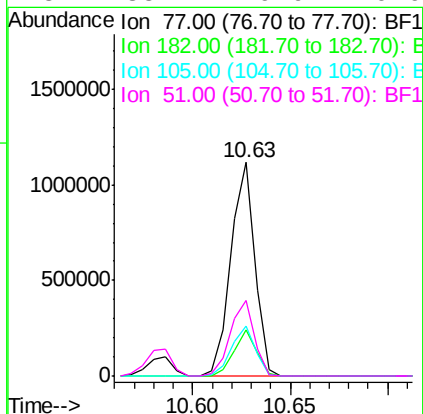
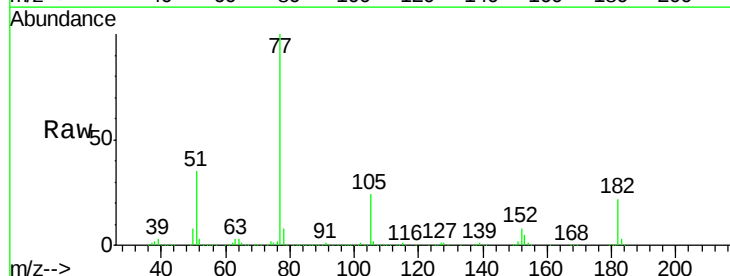
Instrument :
BNA_F
ClientSampleId :
WABUT-6MS

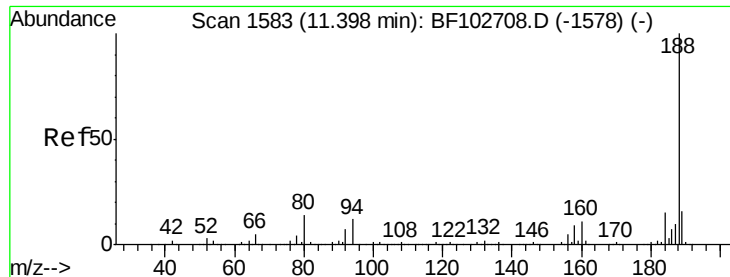
Tot Ion:138 Resp: 225763
Ion Ratio Lower Upper
138 100
92 50.7 30.2 70.2
108 70.3 52.5 92.5



#62
Azobenzene
Concen: 32.823 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF102854.D
Acq: 8 Feb 2018 14:24

Tgt Ion: 77 Resp: 949375
Ion Ratio Lower Upper
77 100
182 21.5 1.7 41.7
105 23.7 3.0 43.0
51 35.1 9.9 49.9

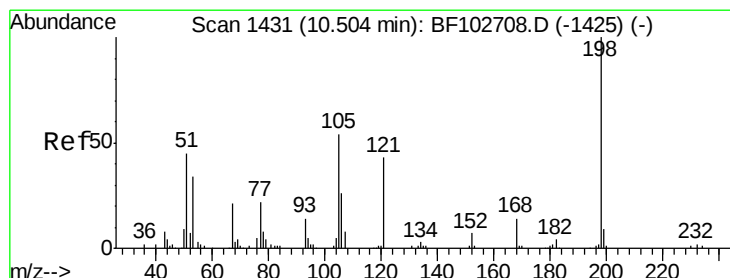
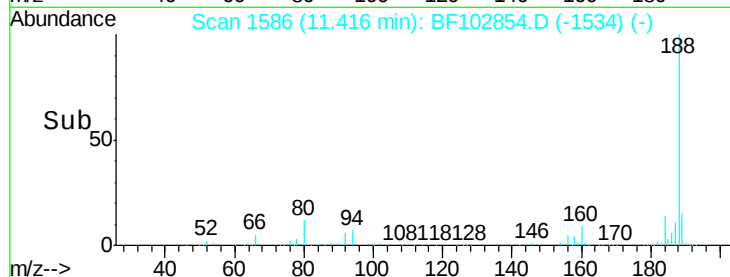
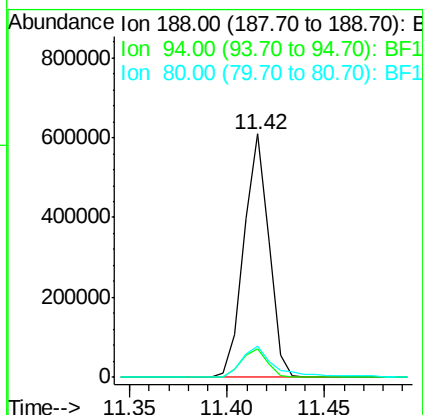
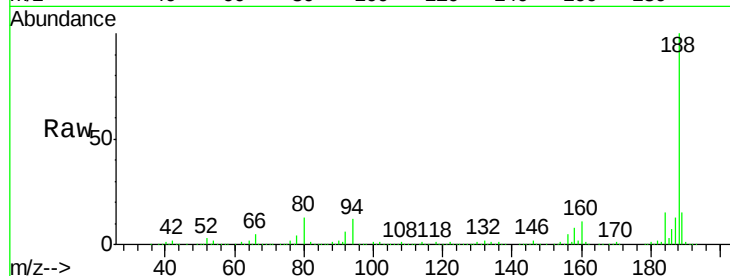




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF102854.D
Acq: 8 Feb 2018 14:24

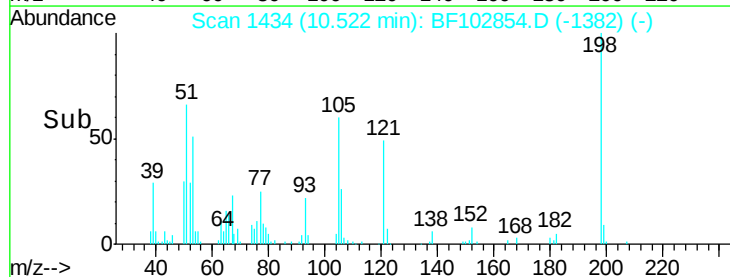
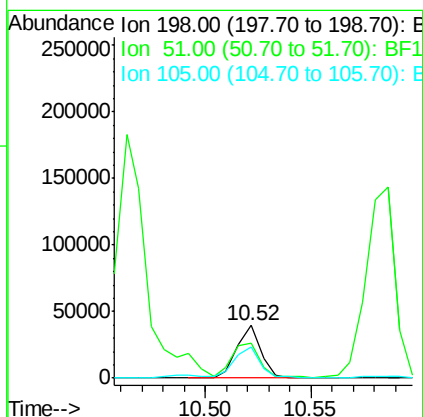
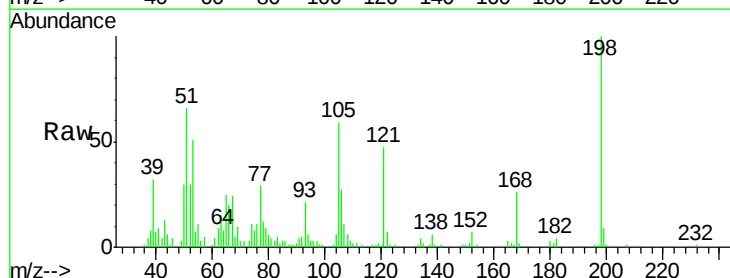
Instrument :
BNA_F
ClientSampleId :
WABUT-6MS

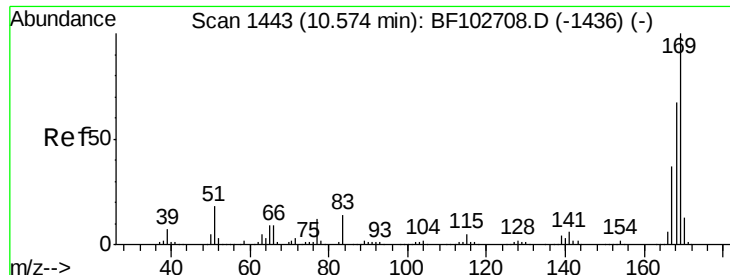
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.5	12.7
80	12.8	9.2	13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 21.147 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF102854.D
Acq: 8 Feb 2018 14:24

Tgt Ion	Ratio	Lower	Upper
198	100		
51	65.5	37.7	77.7
105	58.9	36.3	76.3

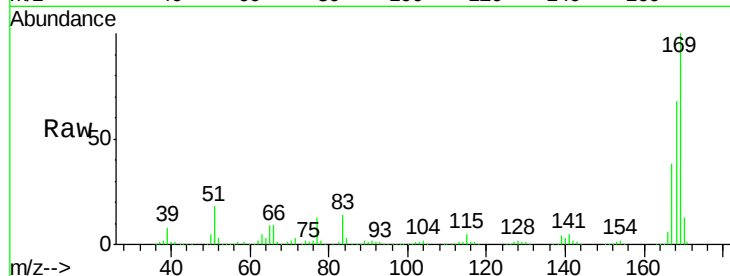




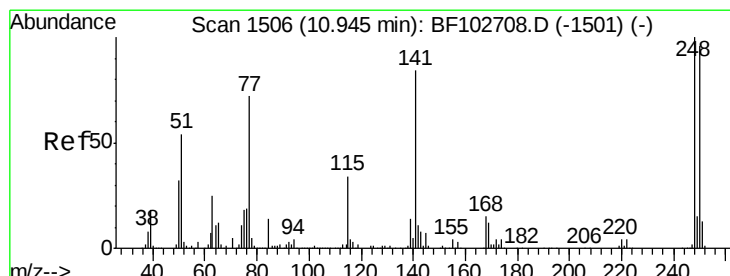
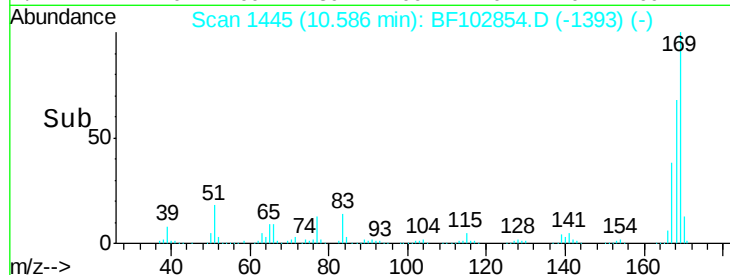
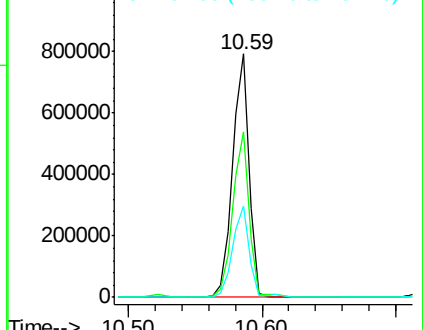
#65
n-Nitrosodiphenylamine
Concen: 36.295 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF102854.D
Acq: 8 Feb 2018 14:24

Instrument :
BNA_F
ClientSampleId :
WABUT-6MS

Tot Ion:169 Resp: 691653
Ion Ratio Lower Upper
169 100
168 68.0 54.4 81.6
167 37.6 29.8 44.6

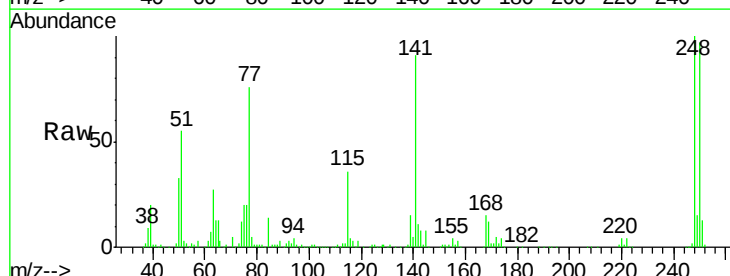


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

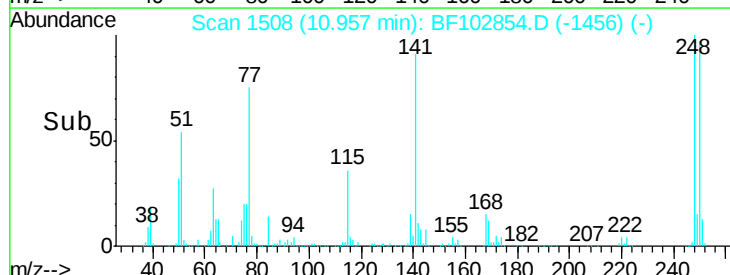
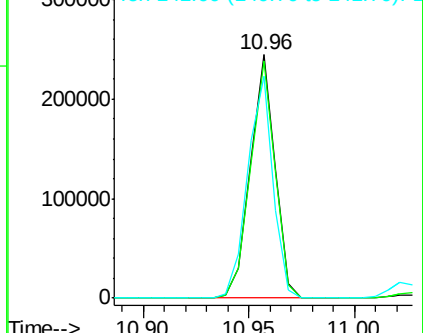


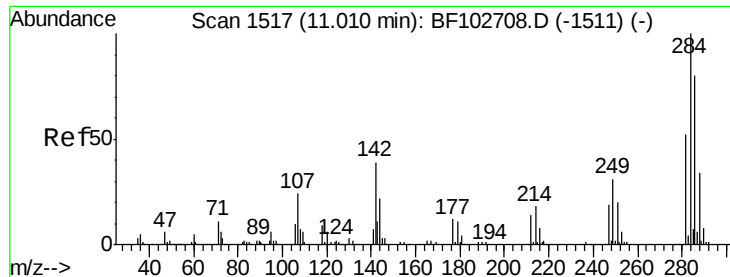
#66
4-Bromophenyl-phenylether
Concen: 34.858 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.01 min
Lab File: BF102854.D
Acq: 8 Feb 2018 14:24

Tgt Ion:248 Resp: 199211
Ion Ratio Lower Upper
248 100
250 97.2 76.9 115.3
141 90.9 74.4 111.6



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

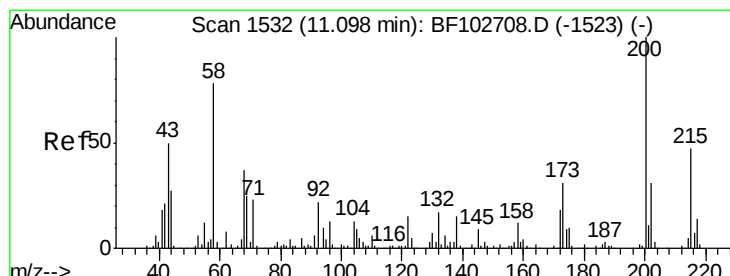
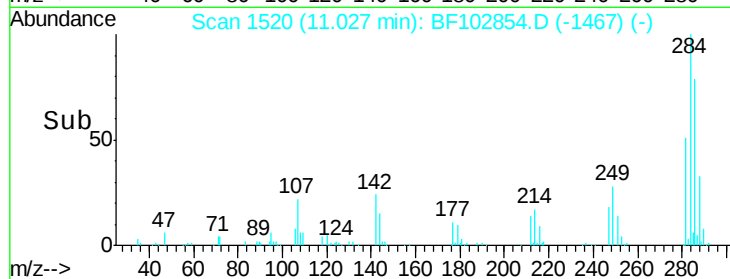
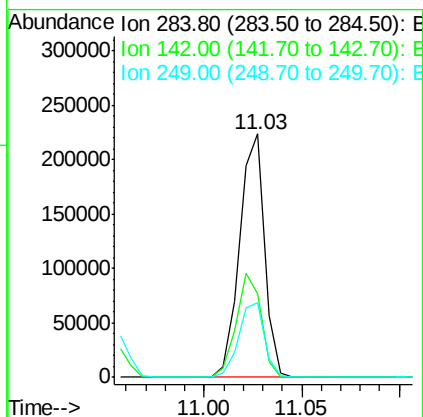
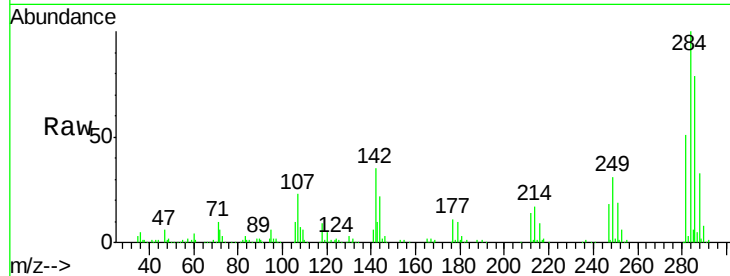




#67
Hexachlorobenzene
Concen: 31.353 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF102854.D
Acq: 8 Feb 2018 14:24

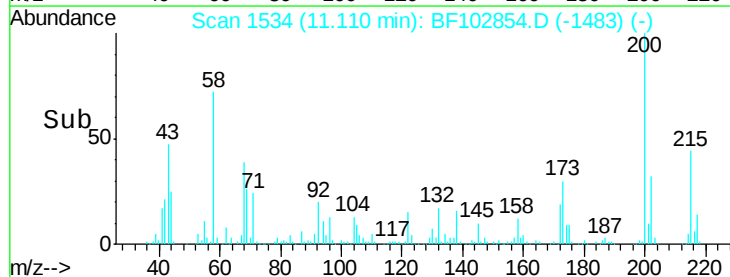
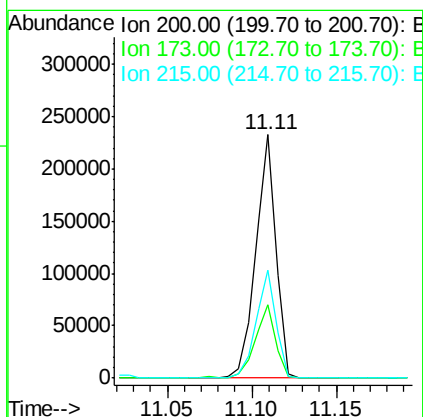
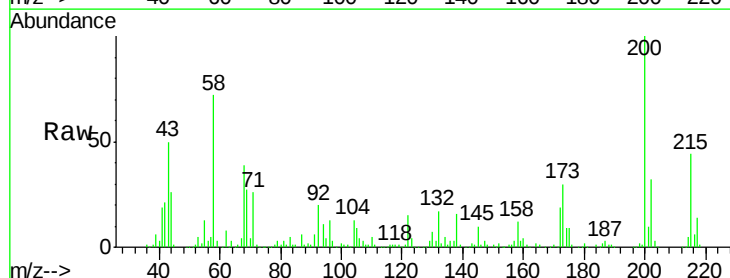
Instrument :
BNA_F
ClientSampleId :
WABUT-6MS

Tot Ion:284 Resp: 197668
Ion Ratio Lower Upper
284 100
142 34.6 34.6 52.0#
249 30.7 24.8 37.2



#68
Atrazine
Concen: 34.769 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BF102854.D
Acq: 8 Feb 2018 14:24

Tgt Ion:200 Resp: 195464
Ion Ratio Lower Upper
200 100
173 30.2 8.6 48.6
215 44.4 25.1 65.1

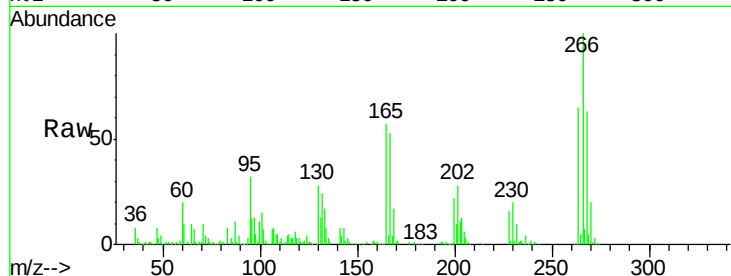




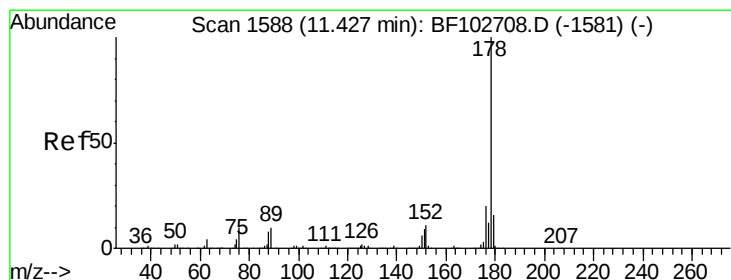
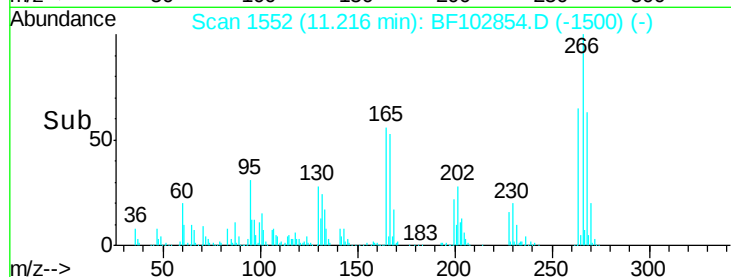
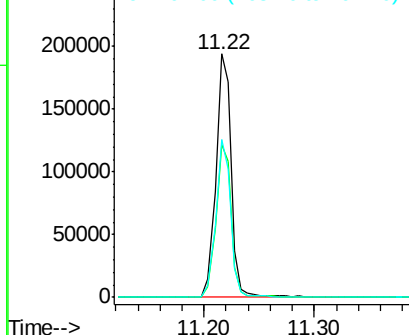
#69
 Pentachlorophenol
 Concen: 50.197 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF102854.D
 Acq: 8 Feb 2018 14:24

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-6MS

Tot Ion:266 Resp: 185776
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.1 76.7
 264 65.0 49.5 74.3

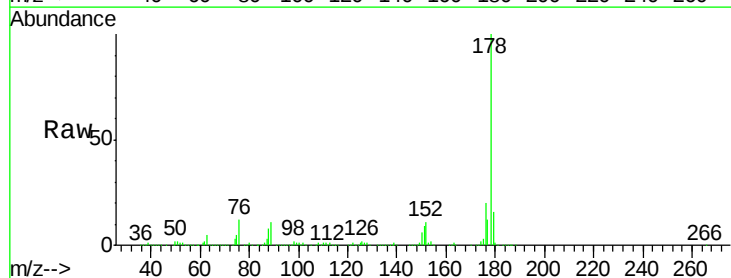


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

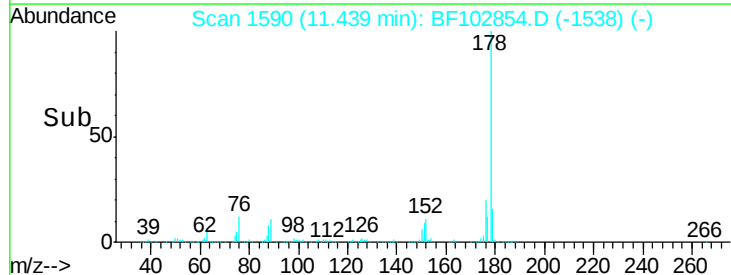
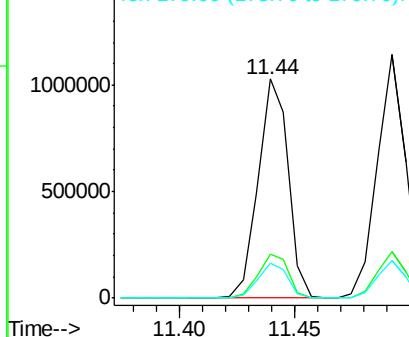


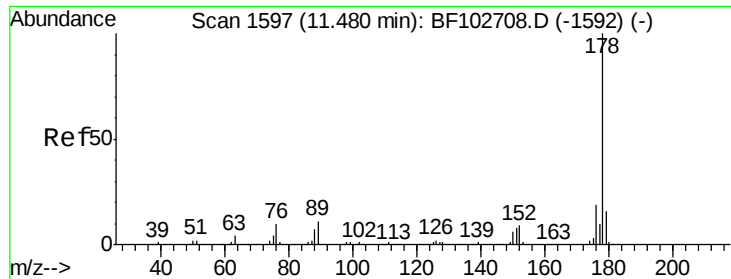
#70
 Phenanthrene
 Concen: 31.042 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF102854.D
 Acq: 8 Feb 2018 14:24

Tgt Ion:178 Resp: 934022
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.9 13.0 19.6



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

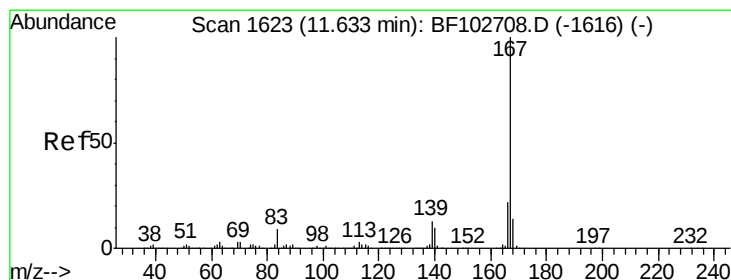
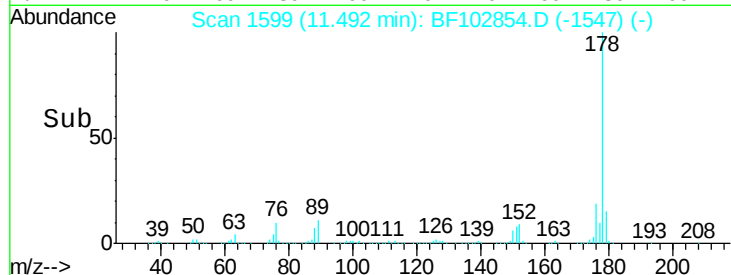
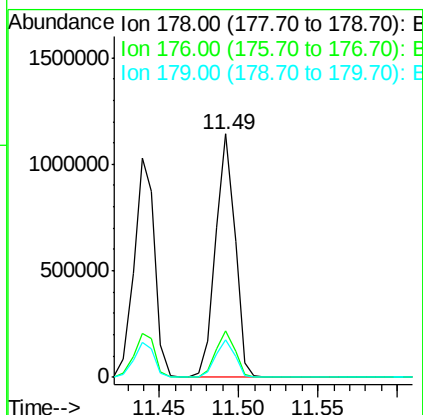
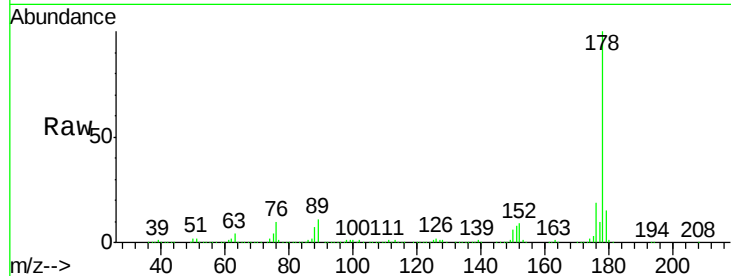




#71
 Anthracene
 Concen: 31.769 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF102854.D
 Acq: 8 Feb 2018 14:24

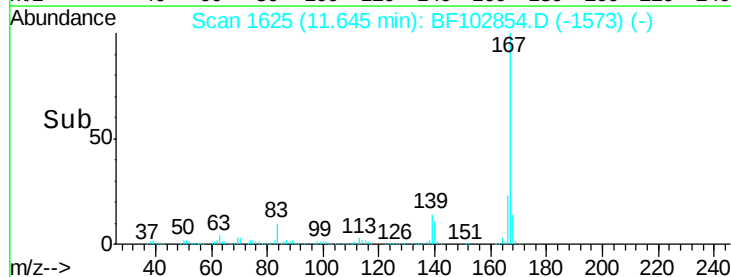
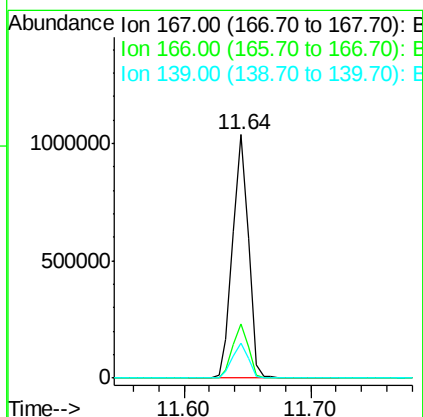
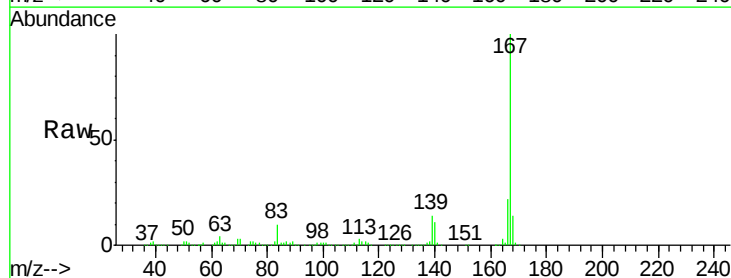
Instrument :
 BNA_F
 ClientSampleId :
 WABUT-6MS

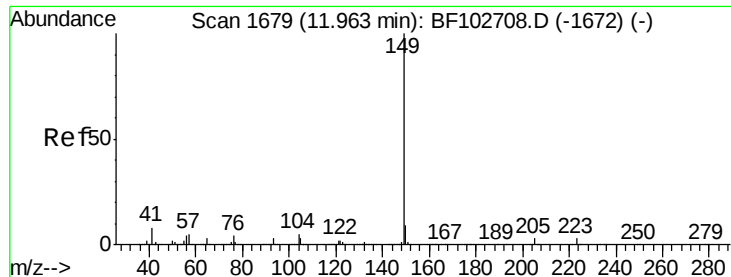
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.5	12.6	19.0



#72
 Carbazole
 Concen: 29.811 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF102854.D
 Acq: 8 Feb 2018 14:24

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	14.4	10.9	16.3





#73

Di-n-butylphthalate

Concen: 34.675 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

Instrument :

BNA_F

ClientSampleId :

WABUT-6MS

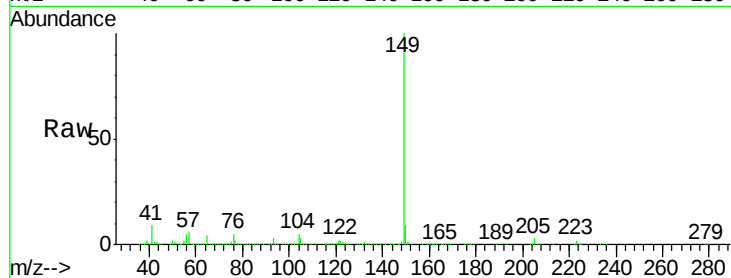
Tot Ion:149 Resp: 1262852

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

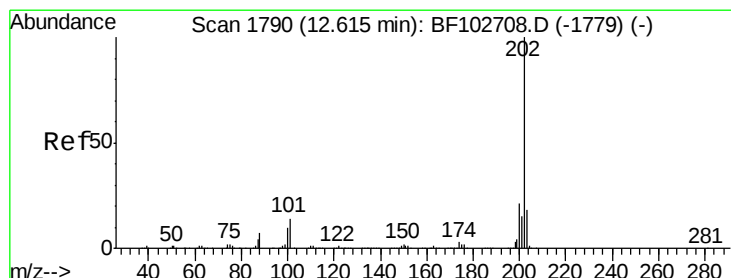
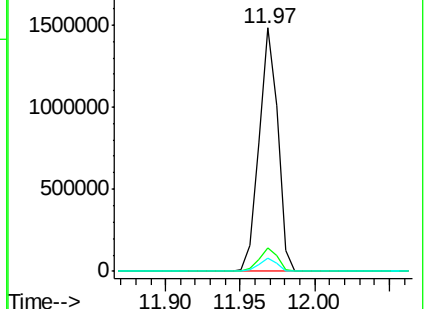
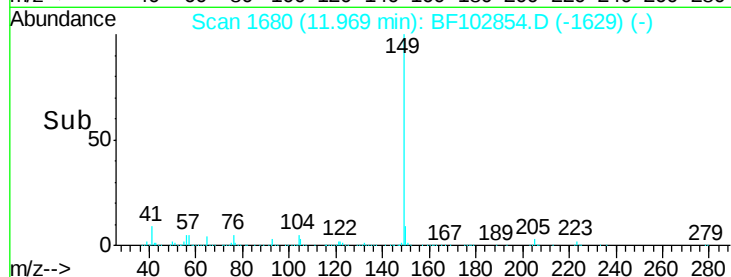
104 5.2 3.8 5.8



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: 27.034 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

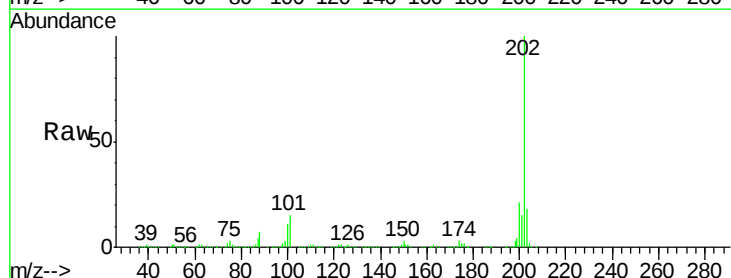
Tgt Ion:202 Resp: 818389

Ion Ratio Lower Upper

202 100

101 15.2 0.0 34.1

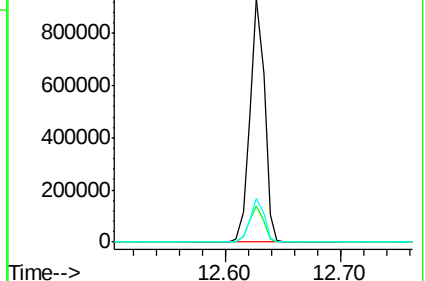
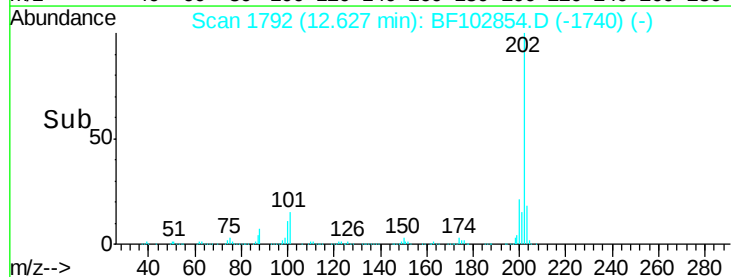
203 17.9 0.0 38.1

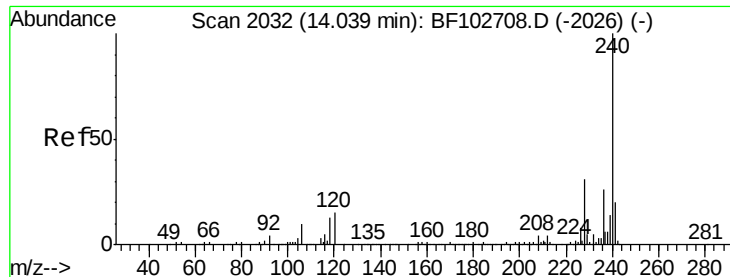


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

Instrument :

BNA_F

ClientSampleId :

WABUT-6MS

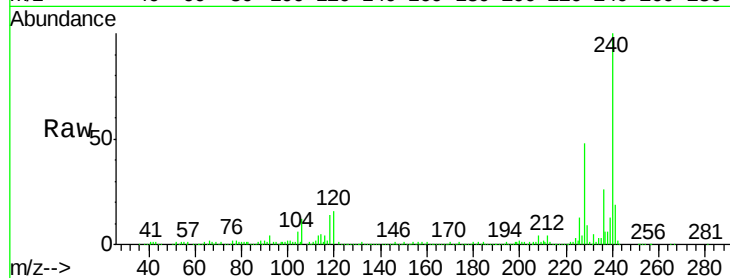
Tot Ion:240 Resp: 353204

Ion Ratio Lower Upper

240 100

120 15.6 9.5 14.3#

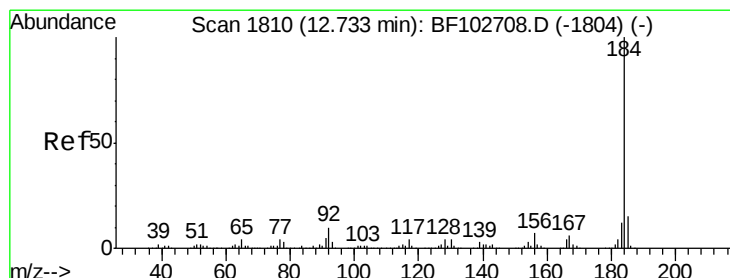
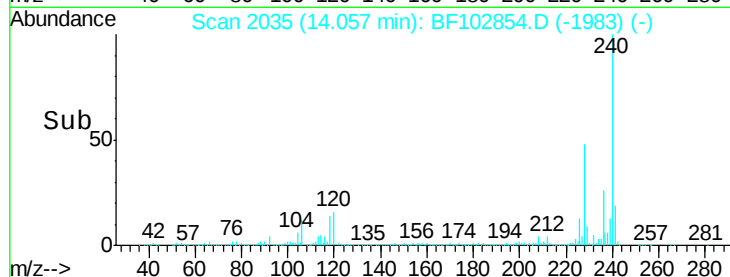
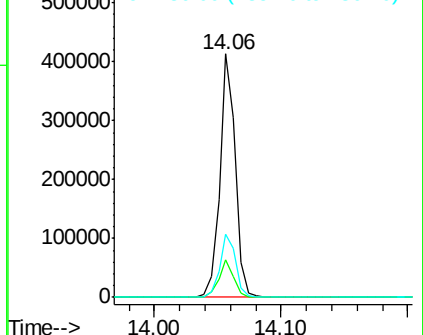
236 26.1 20.7 31.1



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: 8.208 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

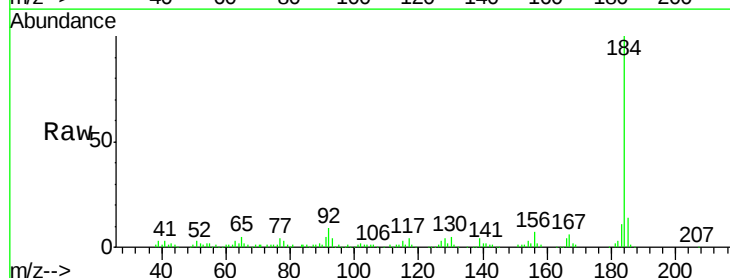
Tgt Ion:184 Resp: 133244

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

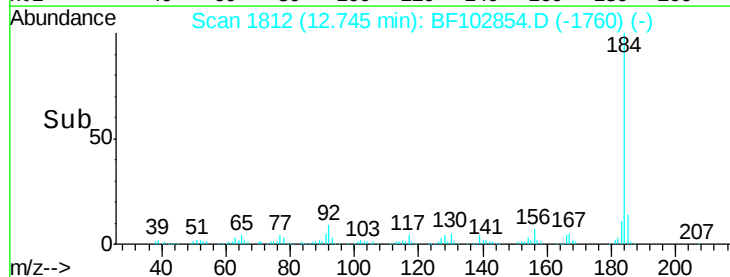
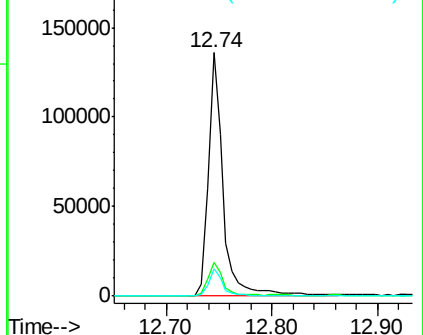
183 11.0 9.3 13.9



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: 29.480 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

Instrument :

BNA_F

ClientSampleId :

WABUT-6MS

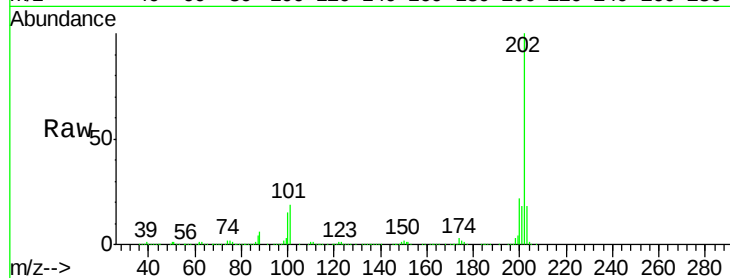
Tot Ion:202 Resp: 816510

Ion Ratio Lower Upper

202 100

200 22.4 17.4 26.2

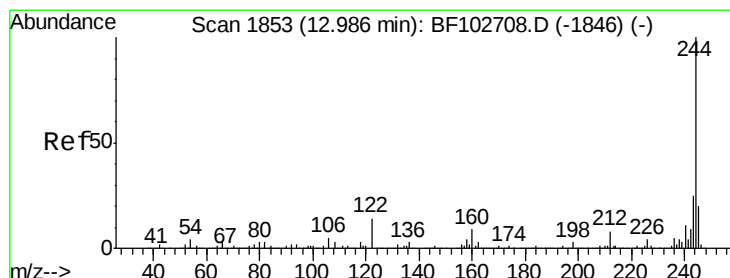
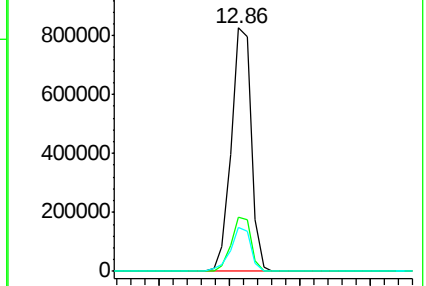
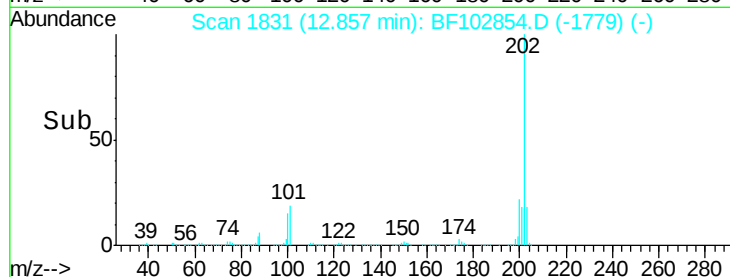
203 17.9 14.3 21.5



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: 60.359 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

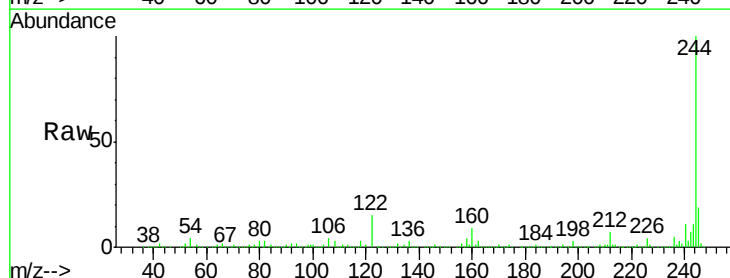
Tgt Ion:244 Resp: 900376

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

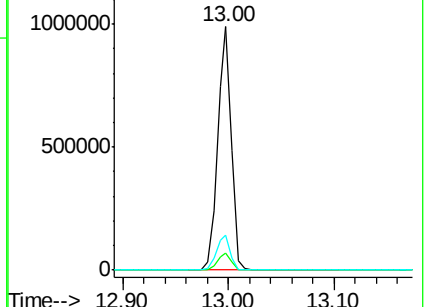
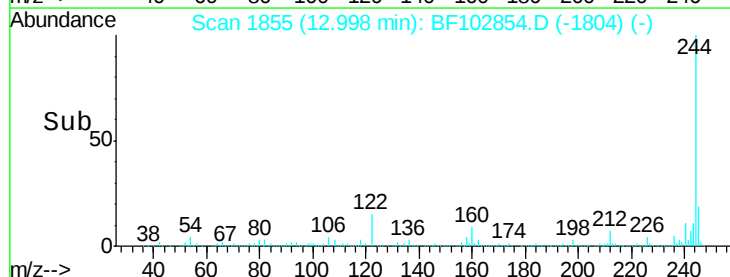
122 14.6 11.0 16.4



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

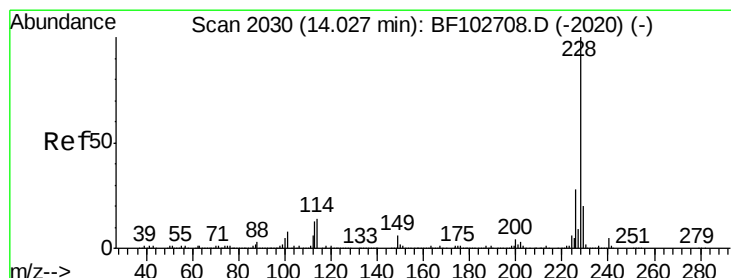
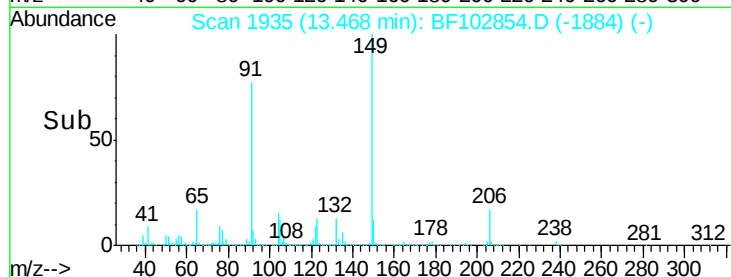
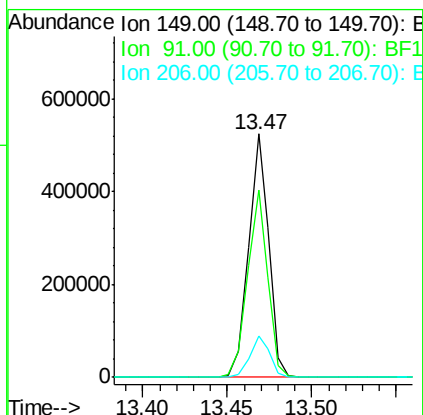
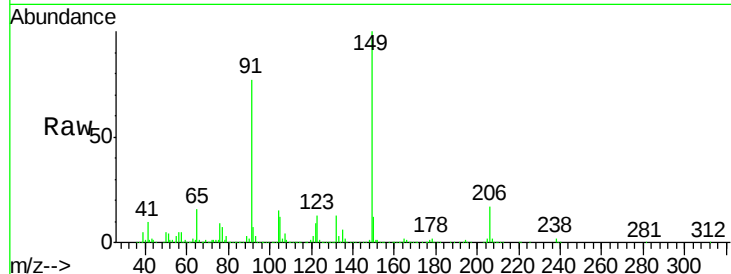




#79
Butylbenzylphthalate
Concen: 33.159 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BF102854.D
Acq: 8 Feb 2018 14:24

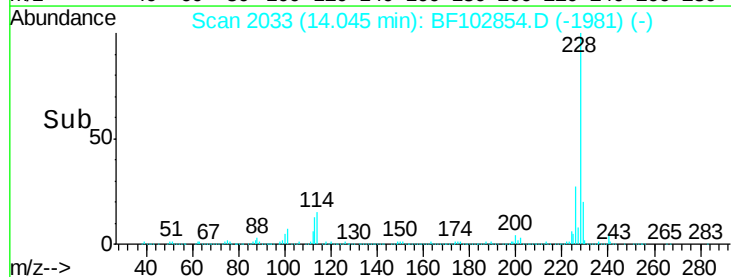
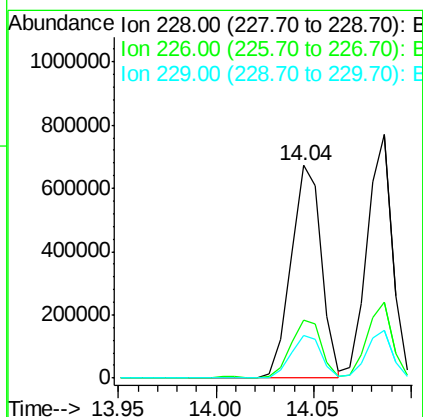
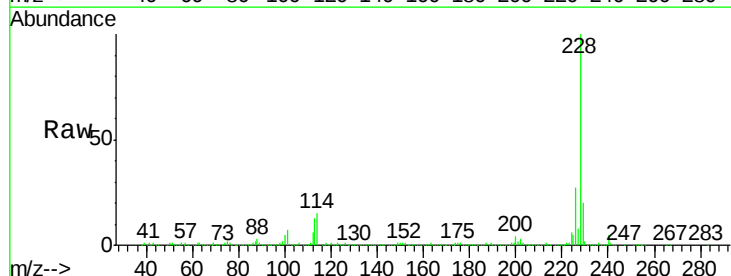
Instrument :
BNA_F
ClientSampleId :
WABUT-6MS

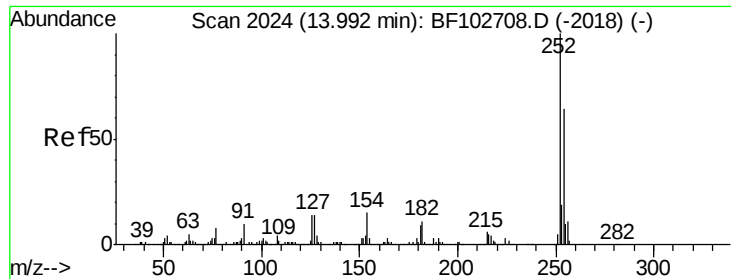
Tot Ion:149 Resp: 435014
Ion Ratio Lower Upper
149 100
91 77.0 56.8 85.2
206 17.2 14.1 21.1



#80
Benzo(a)anthracene
Concen: 32.411 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF102854.D
Acq: 8 Feb 2018 14:24

Tgt Ion:228 Resp: 719961
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 20.0 15.8 23.6

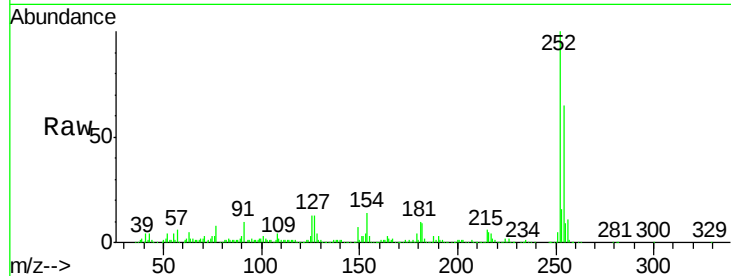




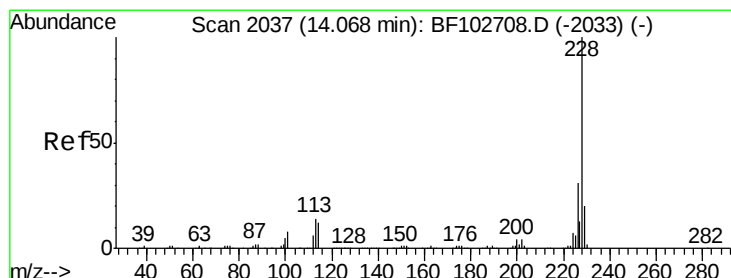
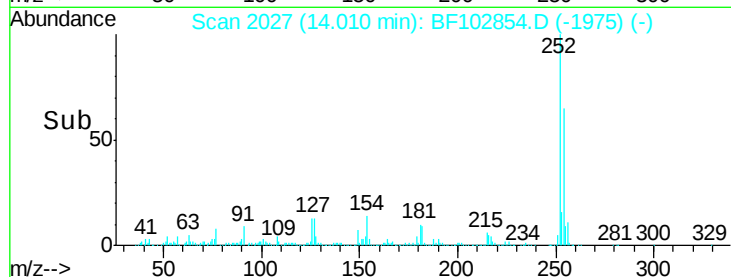
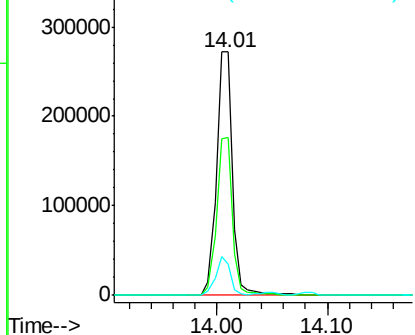
#81
 3,3'-Dichlorobenzidine
 Concen: 33.214 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BF102854.D
 Acq: 8 Feb 2018 14:24

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-6MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	50.4	75.6
126	12.6	11.3	16.9

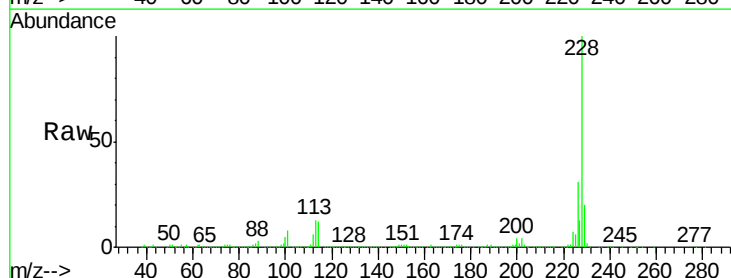


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

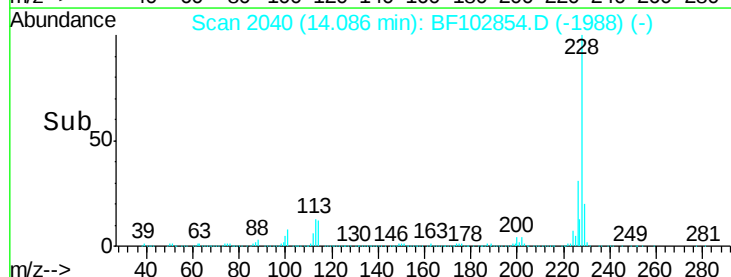
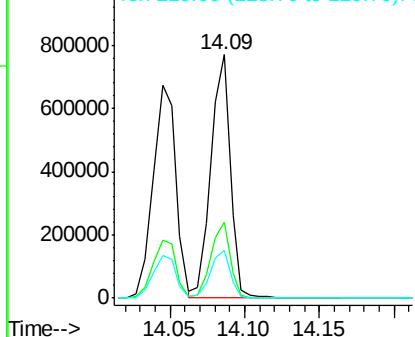


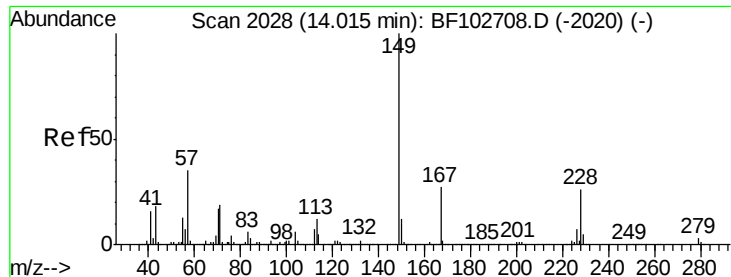
#82
 Chrysene
 Concen: 30.961 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF102854.D
 Acq: 8 Feb 2018 14:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.7	16.2	24.4



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

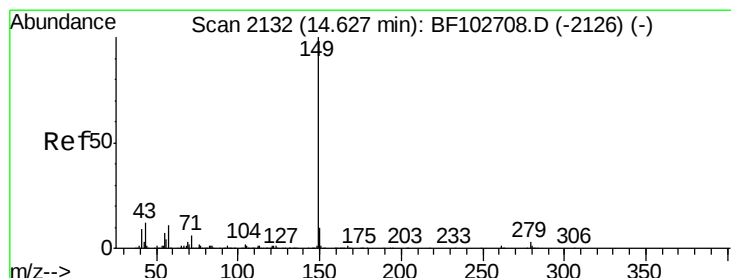
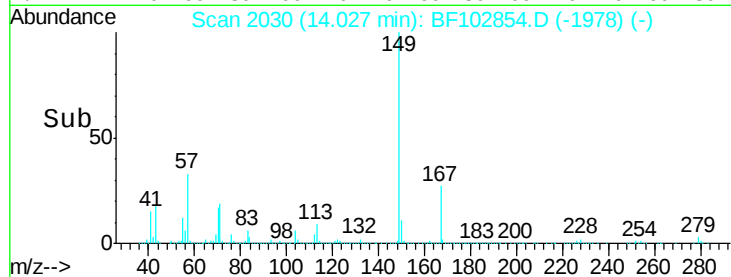
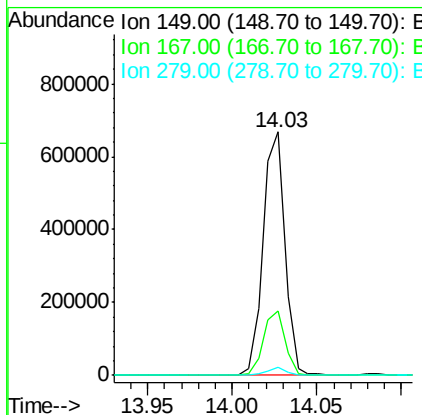
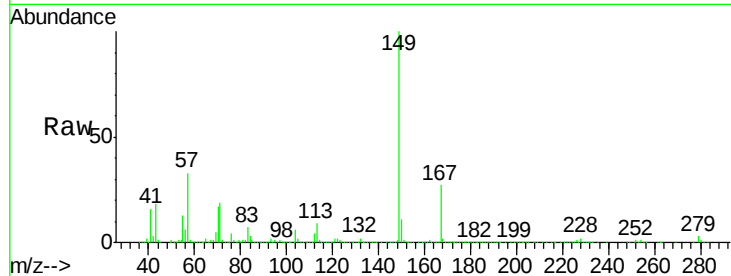




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.377 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.01 min
 Lab File: BF102854.D
 Acq: 8 Feb 2018 14:24

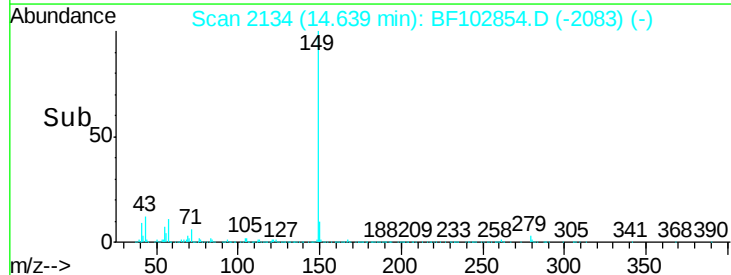
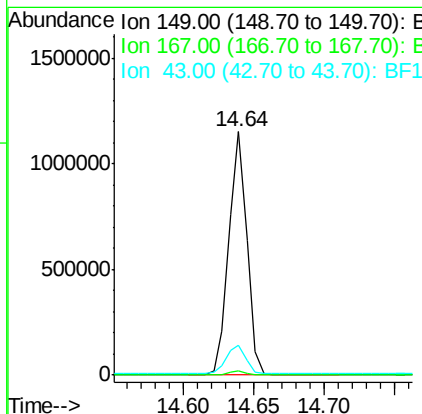
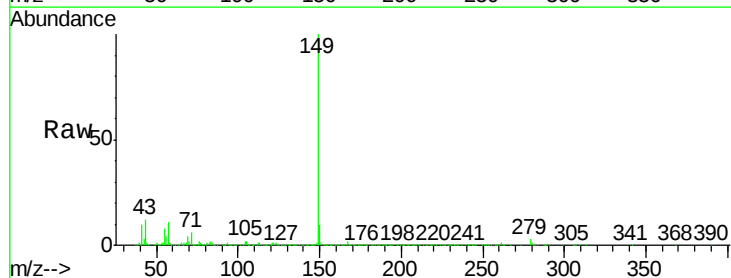
Instrument :
 BNA_F
 ClientSampleId :
 WABUT-6MS

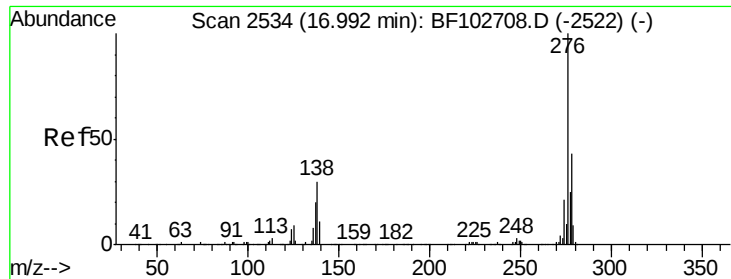
Tot Ion:149 Resp: 600228
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.3 31.9
 279 3.1 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 40.314 ng
 RT: 14.64 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BF102854.D
 Acq: 8 Feb 2018 14:24

Tgt Ion:149 Resp: 1027041
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 12.5 8.4 12.6

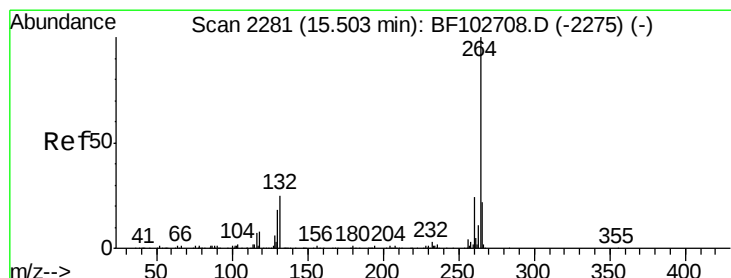
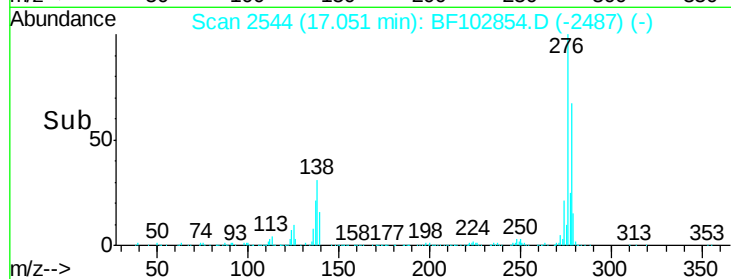
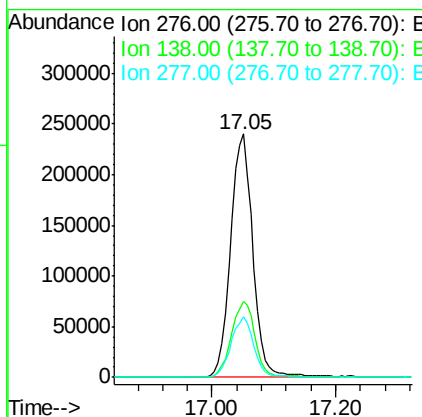
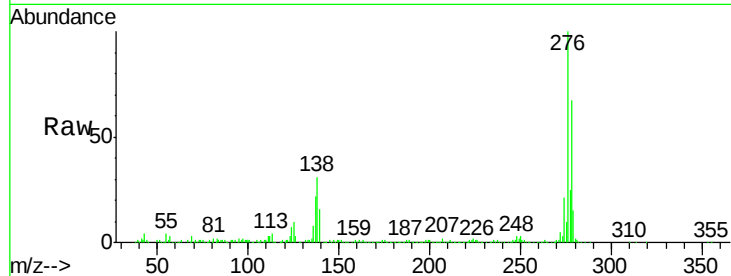




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.504 ng
 RT: 17.05 min Scan# 2544
 Delta R.T. 0.04 min
 Lab File: BF102854.D
 Acq: 8 Feb 2018 14:24

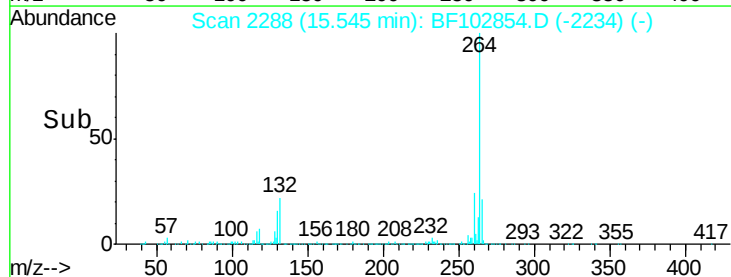
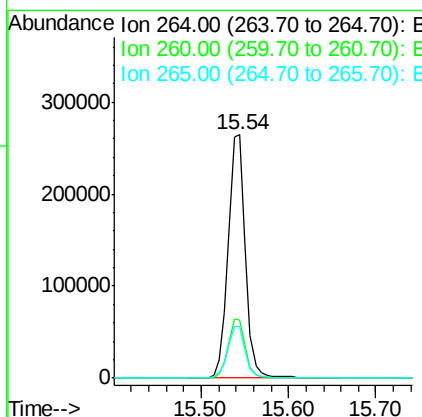
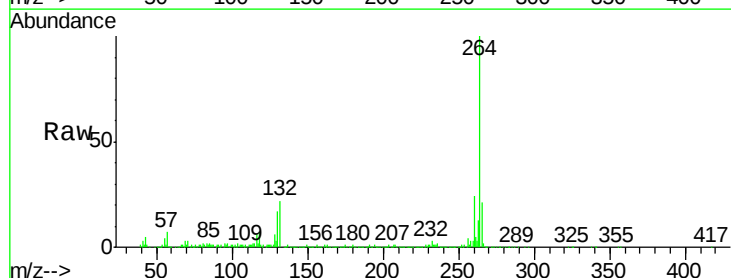
Instrument :
 BNA_F
 ClientSampleId :
 WABUT-6MS

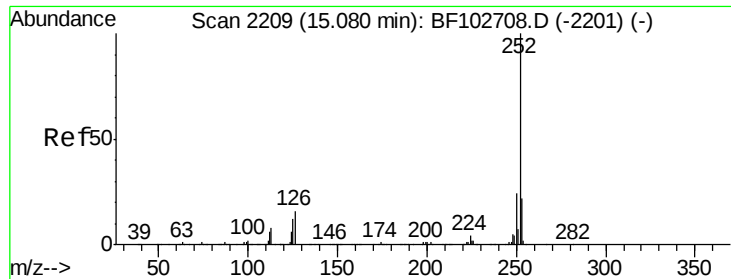
Tot Ion:276 Resp: 603642
 Ion Ratio Lower Upper
 276 100
 138 32.7 25.0 37.6
 277 25.5 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. 0.02 min
 Lab File: BF102854.D
 Acq: 8 Feb 2018 14:24

Tgt Ion:264 Resp: 359981
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.0 17.5 26.3

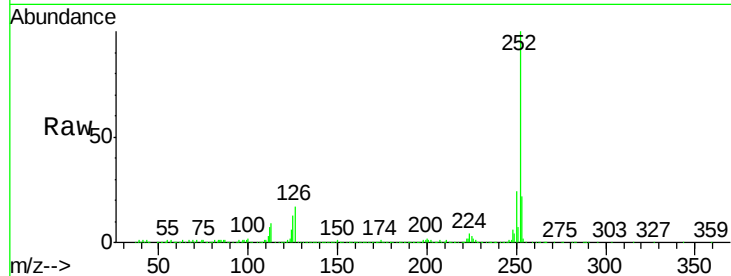




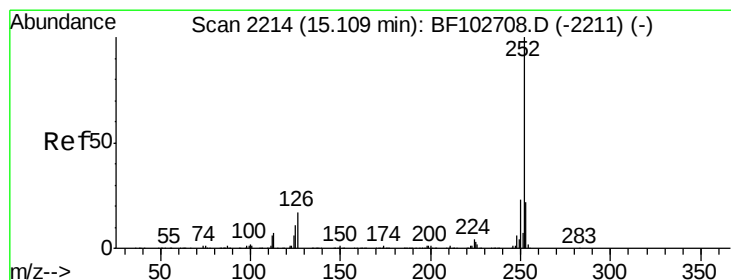
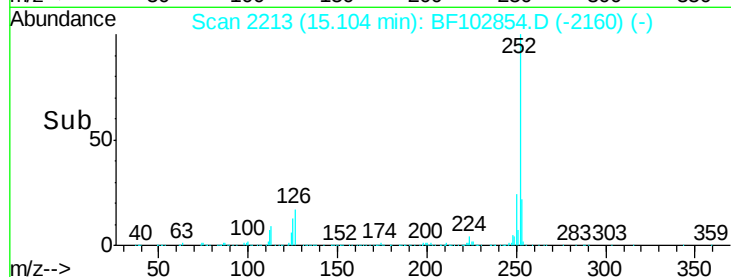
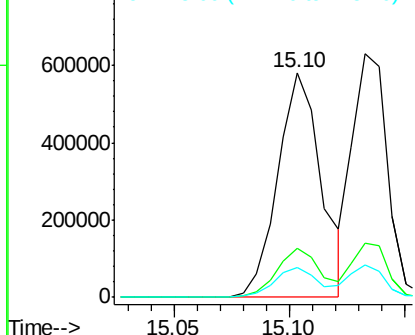
#87
Benzo(b)fluoranthene
Concen: 32.458 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF102854.D
Acq: 8 Feb 2018 14:24

Instrument :
BNA_F
ClientSampleId :
WABUT-6MS

Tot Ion:252 Resp: 757536
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 13.1 9.0 13.6

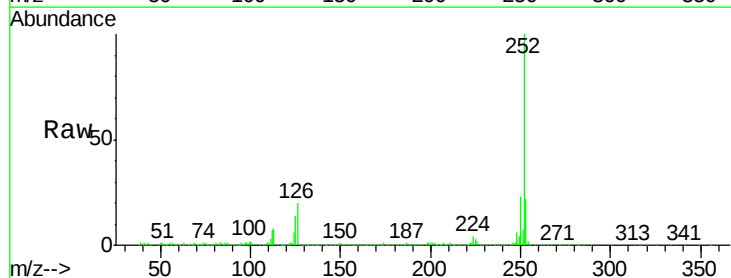


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

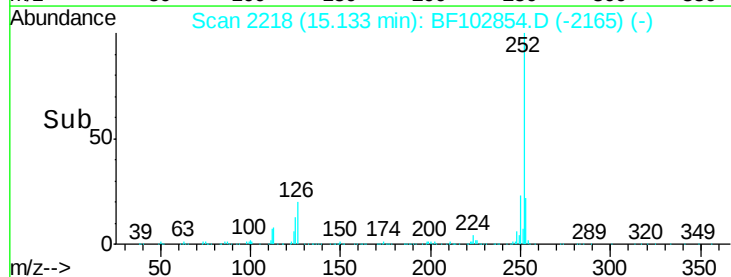
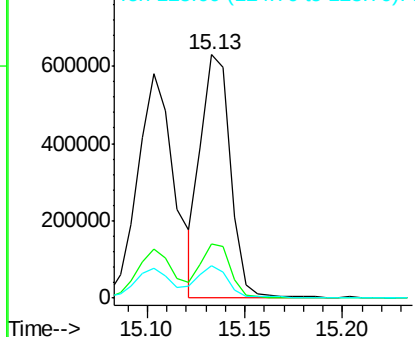


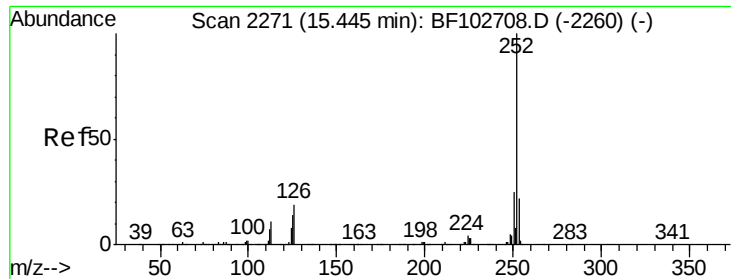
#88
Benzo(k)fluoranthene
Concen: 29.821 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF102854.D
Acq: 8 Feb 2018 14:24

Tgt Ion:252 Resp: 665009
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 13.6 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: 31.822 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.02 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

Instrument :

BNA_F

ClientSampleId :

WABUT-6MS

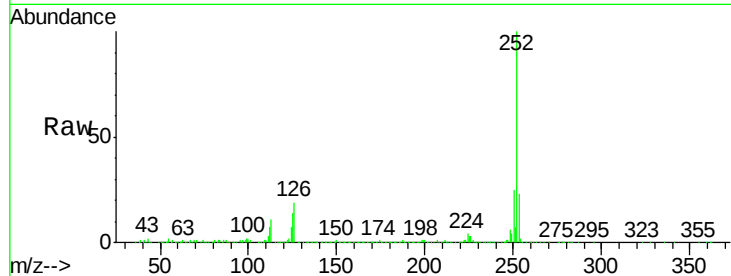
Tot Ion:252 Resp: 668506

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

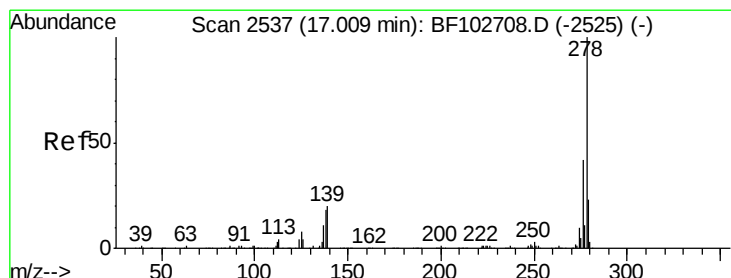
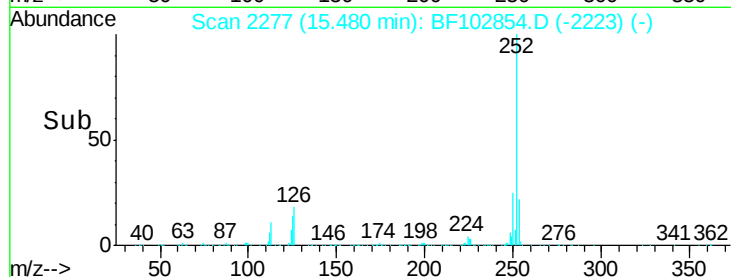
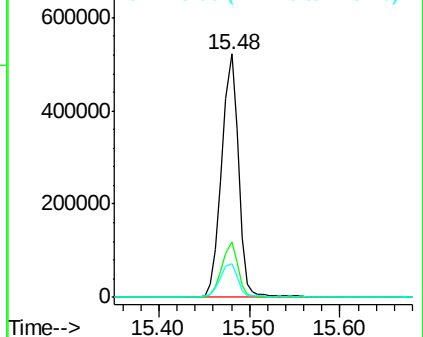
125 14.1 9.8 14.6



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: 30.770 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.02 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

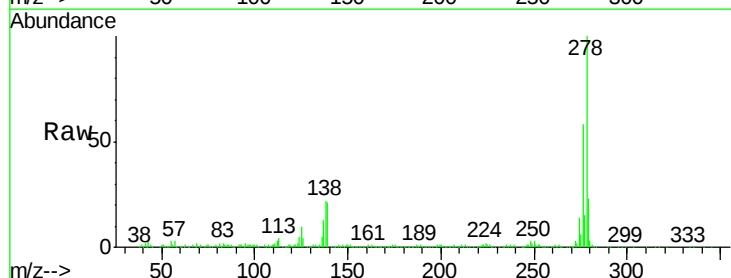
Tgt Ion:278 Resp: 524671

Ion Ratio Lower Upper

278 100

139 20.7 15.9 23.9

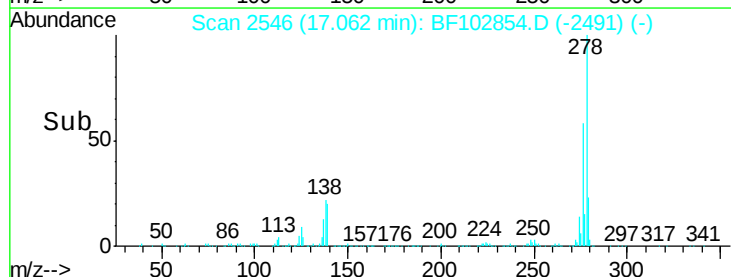
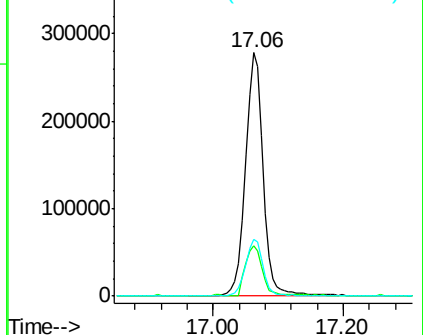
279 23.4 19.0 28.4

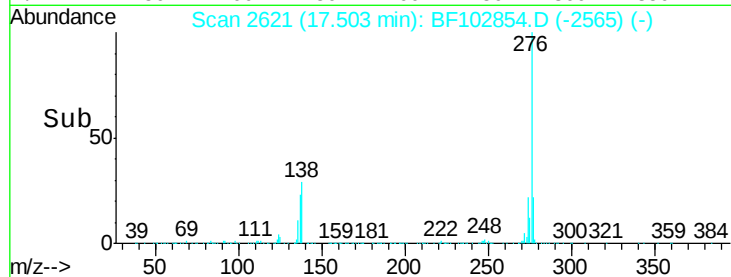
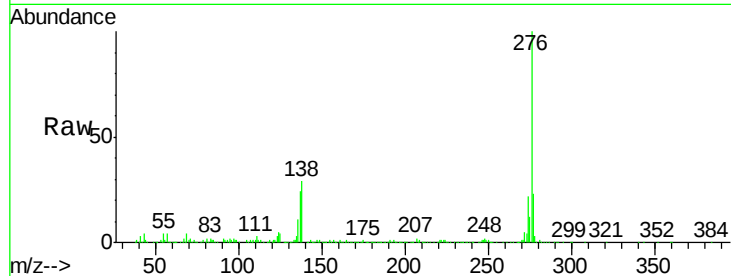
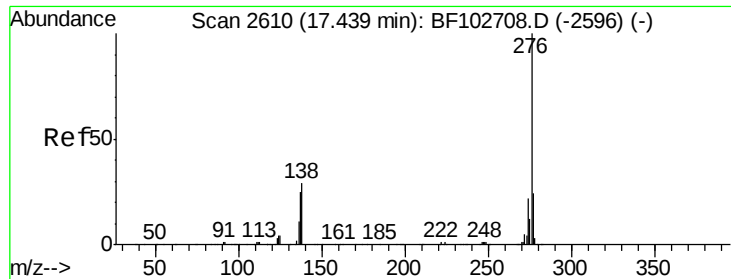


Abundance Ion 278.00 (277.70 to 278.70): E

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: 28.093 ng

RT: 17.50 min Scan# 2621

Delta R.T. 0.03 min

Lab File: BF102854.D

Acq: 8 Feb 2018 14:24

Instrument :

BNA_F

ClientSampleId :

WABUT-6MS

Tot Ion:276 Resp: 468873

Ion Ratio Lower Upper

276 100

277 22.5 17.9 26.9

138 29.1 21.8 32.8

