

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112618\
 Data File : BF110969.D
 Acq On : 26 Nov 2018 17:48
 Operator : JU/SJ
 Sample : J6030-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MS

Quant Time: Nov 27 02:56:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 26 15:26:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	65998	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	267601	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	133408	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	214243	20.00	ng	0.00
76) Chrysene-d12	14.13	240	126703	20.00	ng	0.00
87) Perylene-d12	15.66	264	127233	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	247137	62.10	ng	0.02
7) Phenol-d6	6.59	99	201460	38.84	ng	0.02
23) Nitrobenzene-d5	7.51	82	367707	78.64	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	140518	106.06	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	676104	73.42	ng	0.00
79) Terphenyl-d14	13.06	244	506477	77.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	20697	10.855	ng	89
3) Pyridine	3.69	79	13317	3.190	ng	95
4) n-Nitrosodimethylamine	3.55	42	27090	14.180	ng	# 80
6) Aniline	6.62	93	70399	10.980	ng	89
8) 2-Chlorophenol	6.75	128	169235	35.881	ng	98
9) Benzaldehyde	6.50	77	67096	21.083	ng	99
10) Phenol	6.60	94	142453	24.389	ng	# 72
11) bis(2-Chloroethyl)ether	6.67	93	178046	40.462	ng	94
12) 1,3-Dichlorobenzene	6.87	146	181809	35.088	ng	98
13) 1,4-Dichlorobenzene	6.96	146	185654	34.842	ng	99
14) 1,2-Dichlorobenzene	6.96	146	185654	37.020	ng	97
15) Benzyl Alcohol	7.10	79	118186	29.652	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.20	45	258447	36.905	ng	68
17) 2-Methylphenol	7.20	107	129288	34.476	ng	91
18) Hexachloroethane	7.44	117	69638	35.529	ng	92
19) n-Nitroso-di-n-propylamine	7.35	70	138088	40.874	ng	95
20) 3+4-Methylphenols	7.36	107	218961	43.923	ng	# 80
22) Acetophenone	7.36	105	491159	78.303	ng	# 93
24) Nitrobenzene	7.53	77	199146	40.956	ng	98
25) Isophorone	7.77	82	370646	48.324	ng	97
26) 2-Nitrophenol	7.85	139	103134	43.657	ng	97
27) 2,4-Dimethylphenol	7.88	122	181548	50.889	ng	98
28) bis(2-Chloroethoxy)methane	7.97	93	243357	47.360	ng	# 90
29) 2,4-Dichlorophenol	8.10	162	153012	40.987	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	165245	39.497	ng	95
31) Naphthalene	8.26	128	3665853	292.242	ng	98
32) Benzoic acid	8.02	122	144755	54.575	ng	# 64
33) 4-Chloroaniline	8.33	127	16742	3.136	ng	# 5
34) Hexachlorobutadiene	8.35	225	88297	37.054	ng	99
35) Caprolactam	8.70	113	2933	2.301	ng	# 29
36) 4-Chloro-3-methylphenol	8.78	107	158763	38.275	ng	97
37) 2-Methylnaphthalene	8.94	142	469649	56.684	ng	99
38) 1-Methylnaphthalene	8.94	142	469649	58.276	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	158992	37.885	ng	98

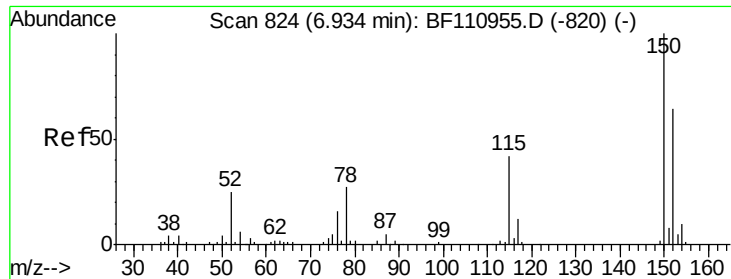
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112618\
 Data File : BF110969.D
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 QLast Update : Mon Nov 26 15:26:09 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	2751	17.597	ng	90
43) 2,4,6-Trichlorophenol	9.22	196	110707	44.169	ng	96
44) 2,4,5-Trichlorophenol	9.27	196	114491	43.381	ng	92
46) 1,1'-Biphenyl	9.40	154	490379	39.870	ng	99
47) 2-Chloronaphthalene	9.43	162	350651	39.320	ng	98
48) 2-Nitroaniline	9.54	65	110505	39.617	ng	97
49) Acenaphthylene	9.85	152	514444	40.568	ng	98
50) Dimethylphthalate	9.70	163	415935	42.511	ng	98
51) 2,6-Dinitrotoluene	9.77	165	89082	40.898	ng #	88
52) Acenaphthene	10.02	154	333742	41.054	ng	98
53) 3-Nitroaniline	9.96	138	14770	5.818	ng #	93
54) 2,4-Dinitrophenol	10.07	184	60576	78.774	ng	94
55) Dibenzofuran	10.19	168	538775	45.429	ng	98
56) 4-Nitrophenol	10.14	139	44441	34.060	ng #	85
57) 2,4-Dinitrotoluene	10.19	165	111490	39.452	ng #	89
58) Fluorene	10.54	166	443289	48.042	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.32	232	95309	44.004	ng #	90
60) Diethylphthalate	10.40	149	401855	39.828	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	184506	38.229	ng	97
62) 4-Nitroaniline	10.57	138	51145	21.637	ng	99
63) Azobenzene	10.68	77	347687	35.354	ng	96
65) 4,6-Dinitro-2-methylphenol	10.60	198	41099	40.554	ng	86
66) n-Nitrosodiphenylamine	10.64	169	324680	45.524	ng	97
67) 4-Bromophenyl-phenylether	11.01	248	106308	45.561	ng #	90
68) Hexachlorobenzene	11.09	284	109863	44.206	ng #	94
69) Atrazine	11.18	200	23437	9.891	ng	99
70) Pentachlorophenol	11.29	266	107555	108.777	ng	98
71) Phenanthrene	11.50	178	702047	61.871	ng	100
72) Anthracene	11.56	178	537672	46.529	ng	99
73) Carbazole	11.72	167	416828	37.163	ng	100
74) Di-n-butylphthalate	12.02	149	578063	44.080	ng	99
75) Fluoranthene	12.70	202	457786	39.254	ng	99
77) Benzidine	13.06	184	7112	2.195	ng	96
78) Pyrene	12.93	202	438774	47.414	ng	98
80) Butylbenzylphthalate	13.52	149	188930	45.220	ng	99
81) Benzo(a)anthracene	14.12	228	337294	45.090	ng	100
83) Chrysene	14.16	228	325631	44.221	ng	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	263998	47.421	ng	98
85) Di-n-octyl phthalate	14.69	149	424096	48.259	ng #	99
86) Indeno(1,2,3-cd)pyrene	17.26	276	347110	65.669	ng	98
88) Benzo(b)fluoranthene	15.21	252	319729	42.776	ng	99
89) Benzo(k)fluoranthene	15.24	252	321358	41.771	ng	99
90) Benzo(a)pyrene	15.60	252	319074	45.861	ng	98
91) Dibenzo(a,h)anthracene	17.26	278	291334	50.751	ng	99
92) Benzo(g,h,i)perylene	17.73	276	273311	49.380	ng	98

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

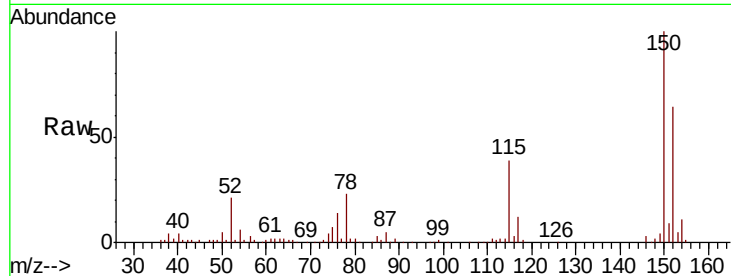


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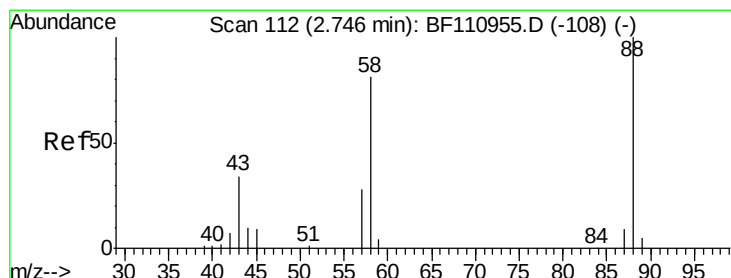
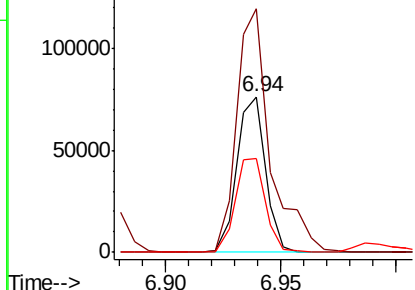
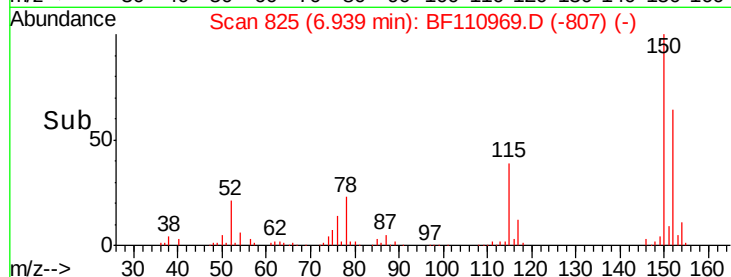
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Instrument :
BNA_F
ClientSampleId :
DTW-03MS

Tgt Ion:152 Resp: 65998
Ion Ratio Lower Upper
152 100
150 156.2 122.7 184.1
115 60.4 49.1 73.7



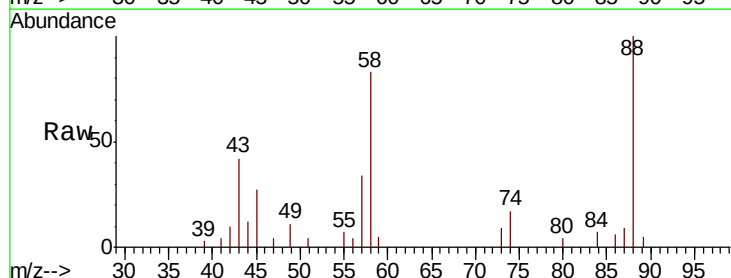
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



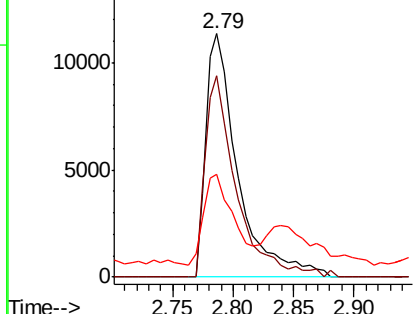
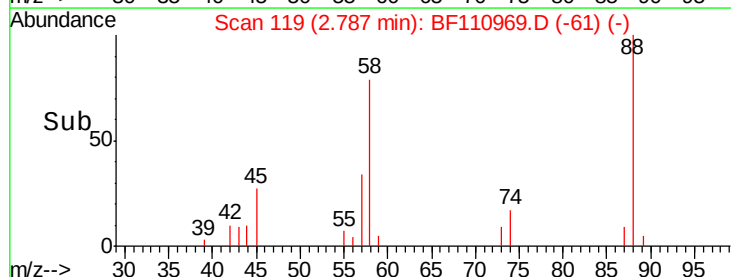
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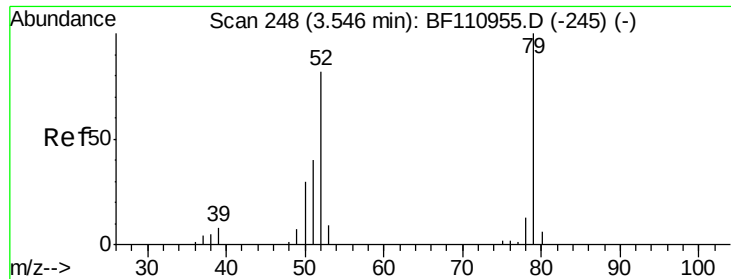
1,4-Dioxane
Concen: 10.855 ng
RT: 2.79 min Scan# 119
Delta R.T. 0.04 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion: 88 Resp: 20697
Ion Ratio Lower Upper
88 100
58 81.0 57.1 85.7
43 34.8 24.1 36.1



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

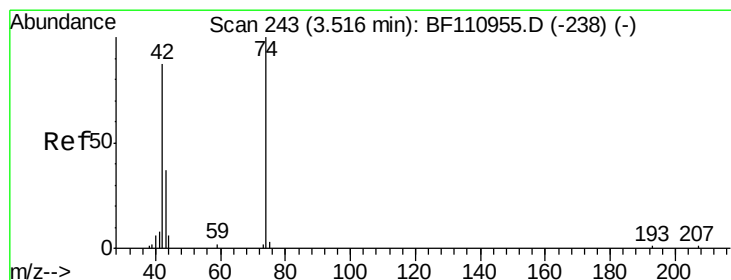
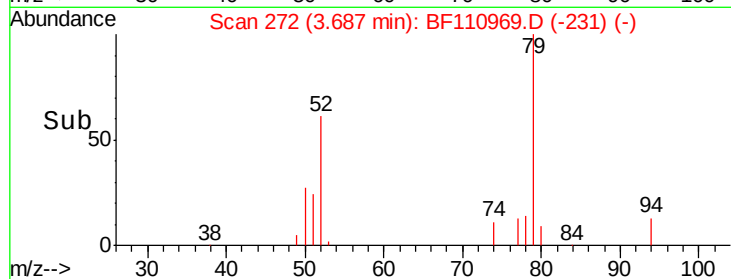
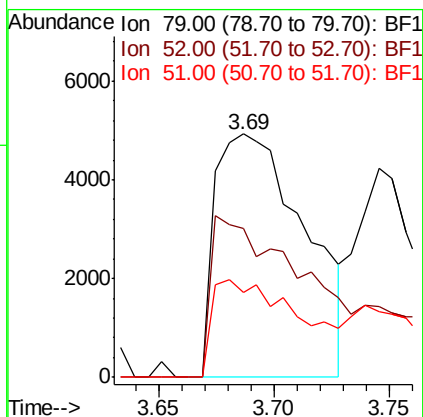
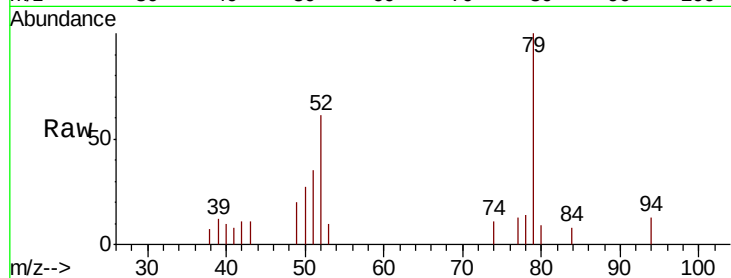




#3
 Pyridine
 Concen: 3.190 ng
 RT: 3.69 min Scan# 272
 Delta R.T. 0.14 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

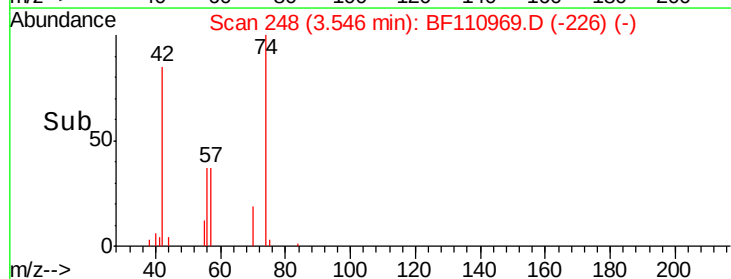
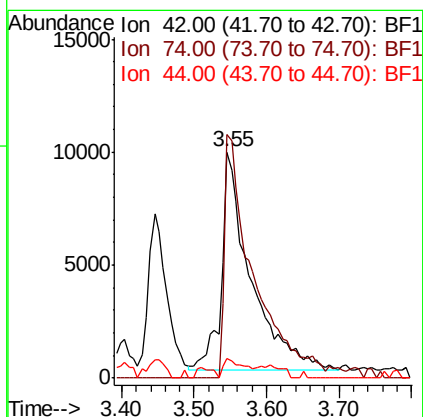
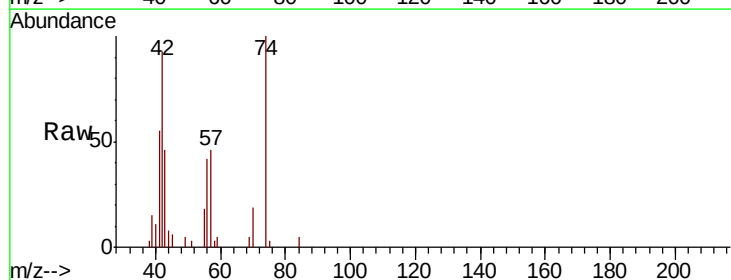
Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MS

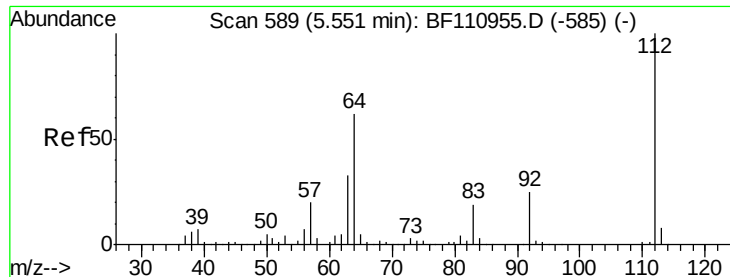
Tgt Ion: 79 Resp: 13317
 Ion Ratio Lower Upper
 79 100
 52 61.1 53.1 79.7
 51 34.7 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 14.180 ng
 RT: 3.55 min Scan# 248
 Delta R.T. 0.03 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Tgt Ion: 42 Resp: 27090
 Ion Ratio Lower Upper
 42 100
 74 107.6 105.5 158.3
 44 8.9 4.9 7.3#





#5

2-Fluorophenol

Concen: 62.098 ng

RT: 5.57 min Scan# 592

Delta R.T. 0.02 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Instrument :

BNA_F

ClientSampleId :

DTW-03MS

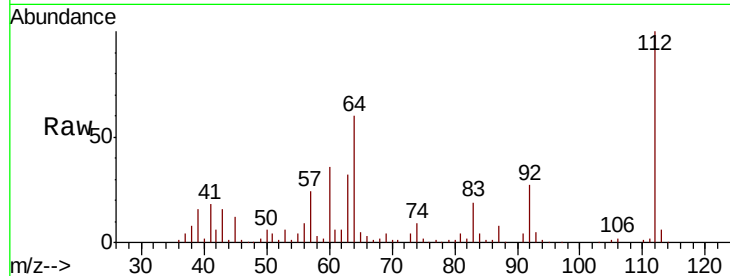
Tgt Ion: 112 Resp: 247137

Ion Ratio Lower Upper

112 100

64 59.9 44.1 66.1

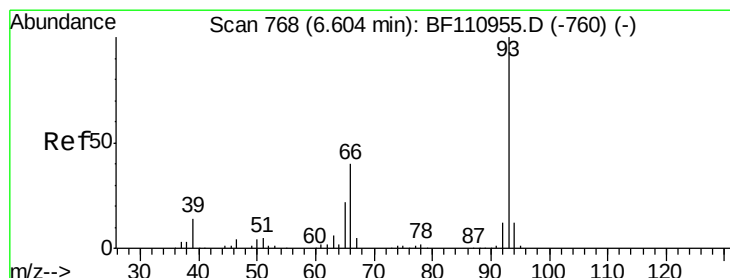
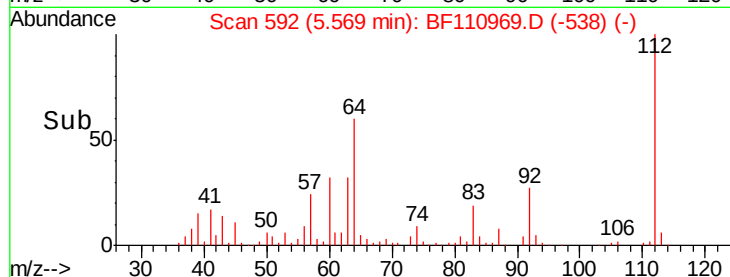
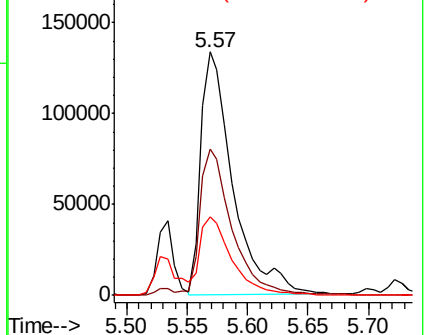
63 32.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.980 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

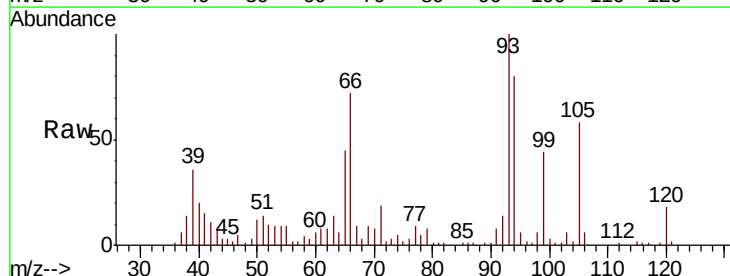
Tgt Ion: 93 Resp: 70399

Ion Ratio Lower Upper

93 100

66 72.0 67.4 101.0

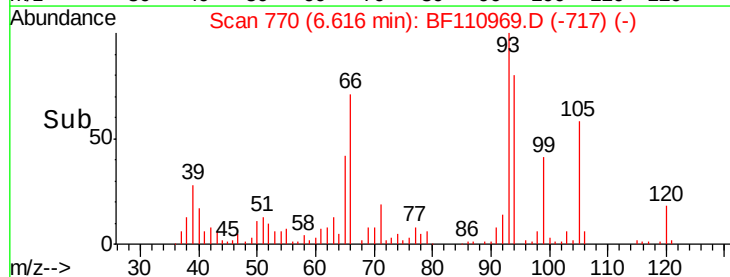
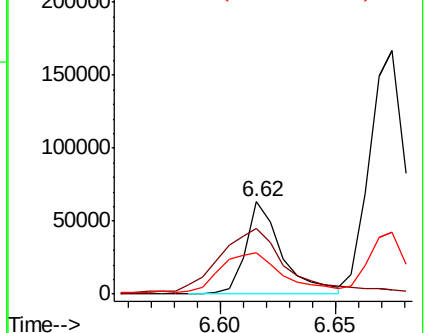
65 45.4 41.0 61.4

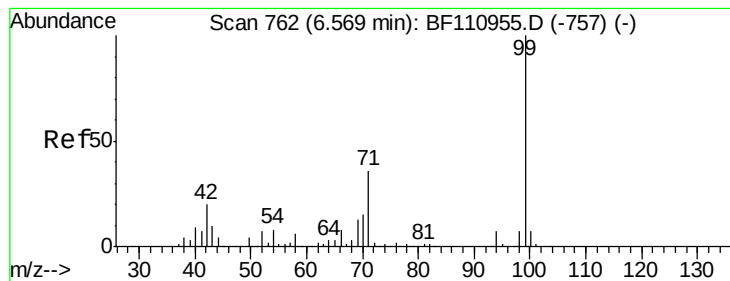


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 38.844 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.02 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Instrument :

BNA_F

ClientSampleId :

DTW-03MS

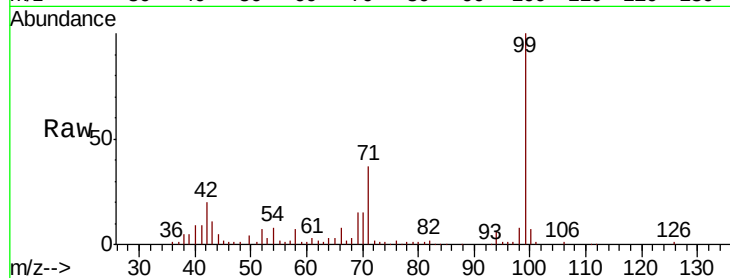
Tgt Ion: 99 Resp: 201460

Ion Ratio Lower Upper

99 100

42 19.7 15.8 23.6

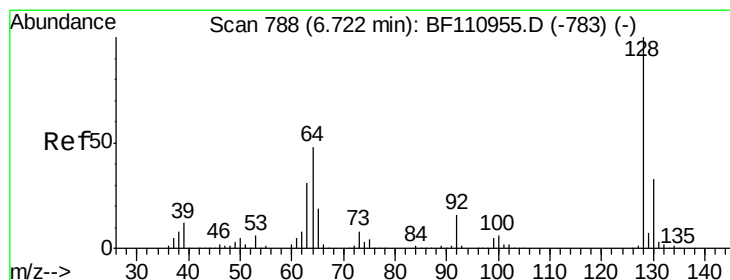
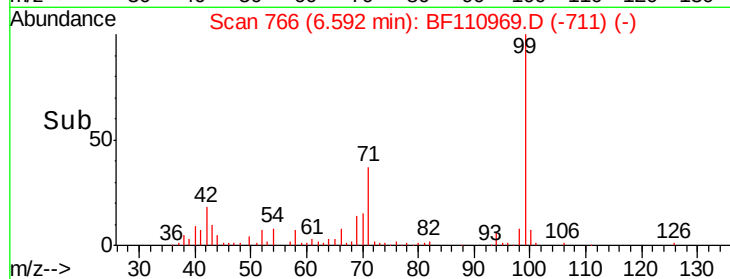
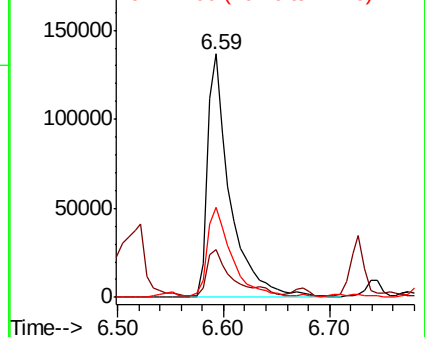
71 37.0 28.0 42.0



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: 35.881 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.02 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

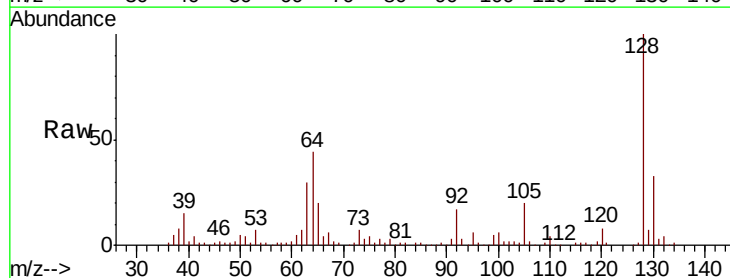
Tgt Ion: 128 Resp: 169235

Ion Ratio Lower Upper

128 100

130 33.0 13.1 53.1

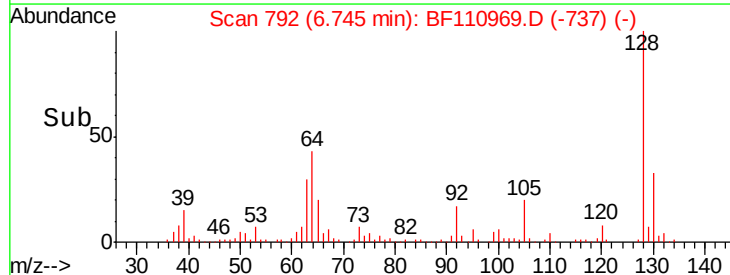
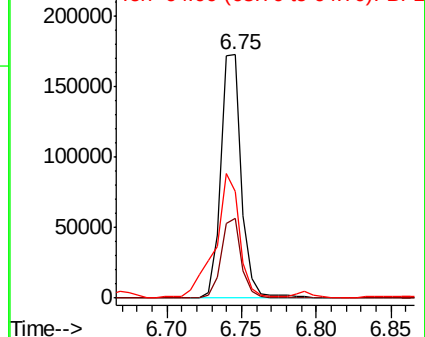
64 43.6 26.0 66.0

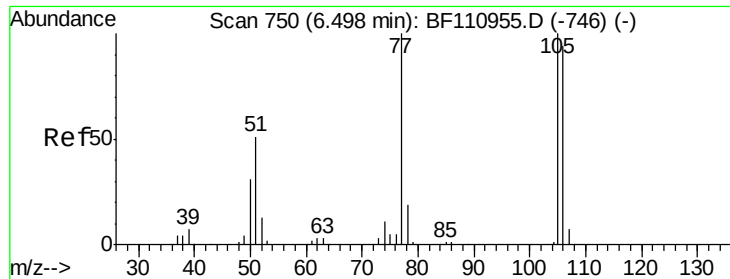


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 21.083 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Instrument :

BNA_F

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DTW-03MS

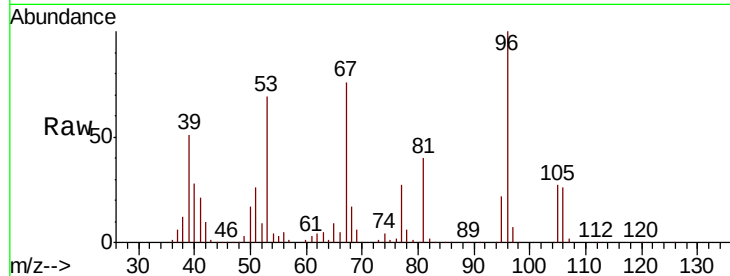
Tgt Ion: 77 Resp: 67096

Ion Ratio Lower Upper

77 100

105 100.9 78.6 118.6

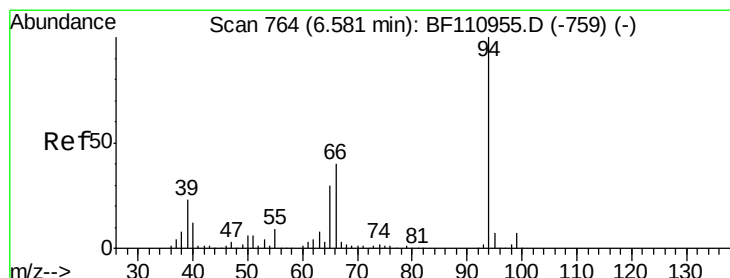
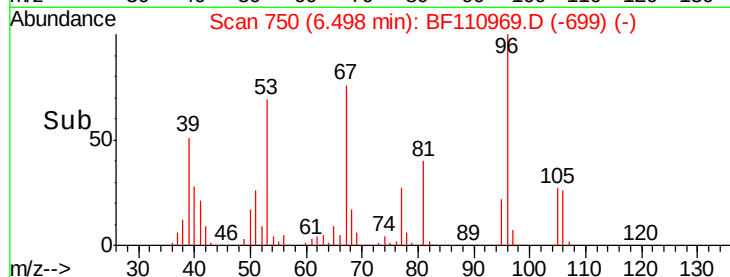
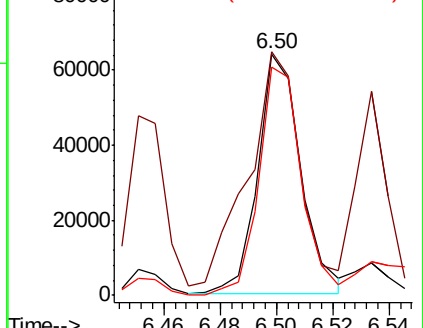
106 94.7 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 24.389 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.02 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

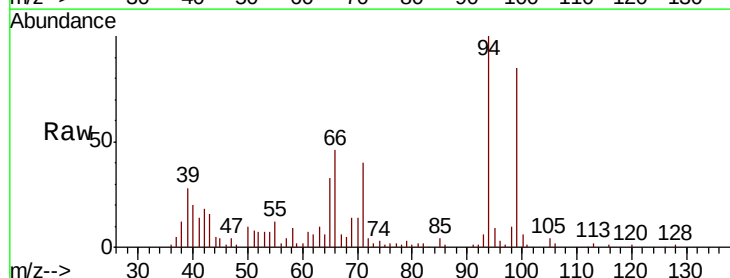
Tgt Ion: 94 Resp: 142453

Ion Ratio Lower Upper

94 100

65 32.6 25.3 65.3

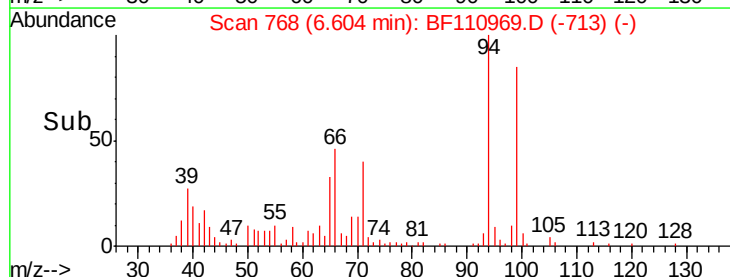
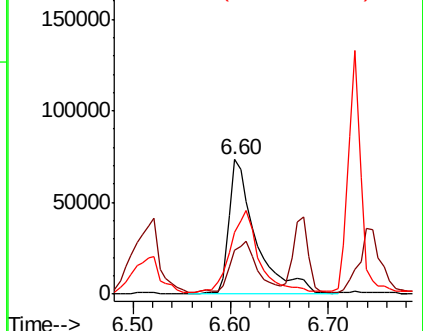
66 45.8 54.5 94.5#

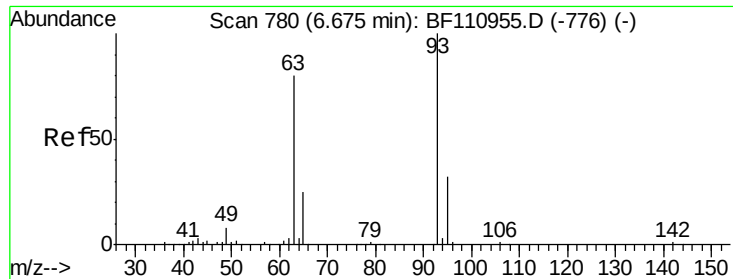


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

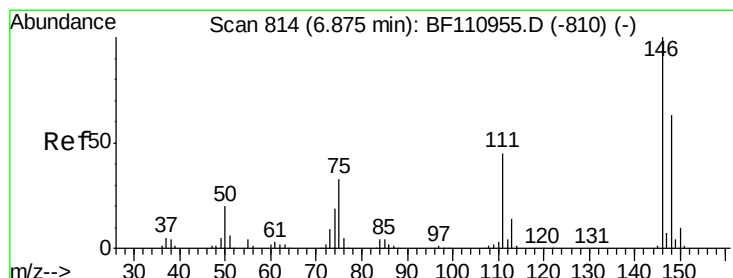
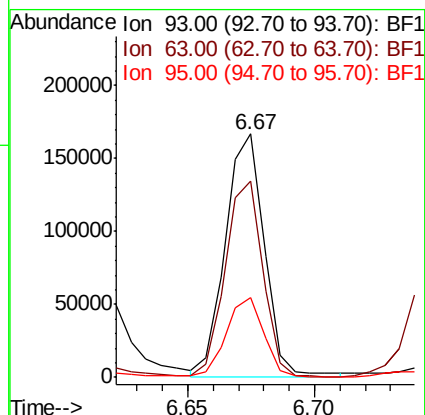
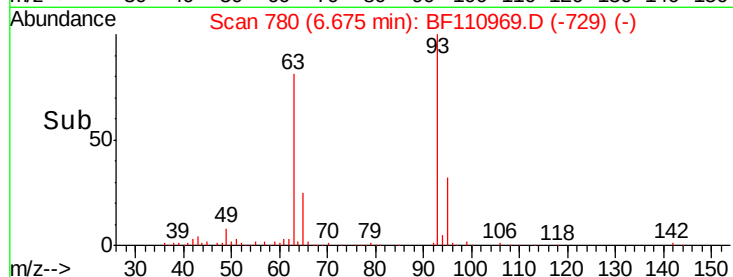
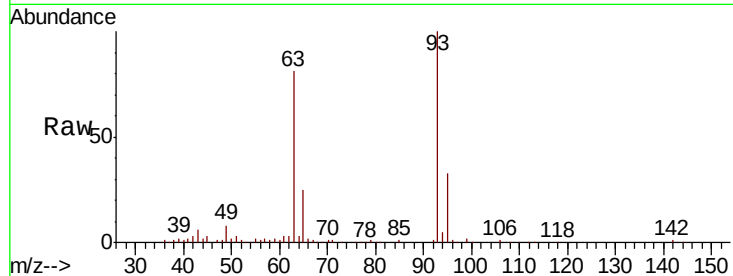




#11
bis(2-Chloroethyl)ether
Concen: 40.462 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

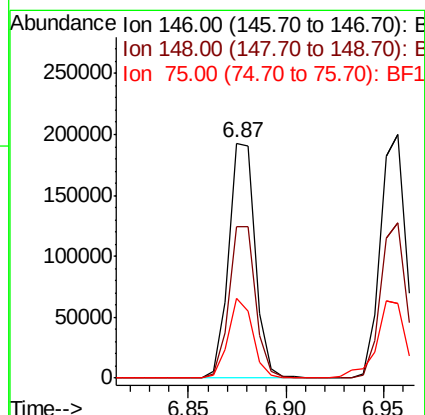
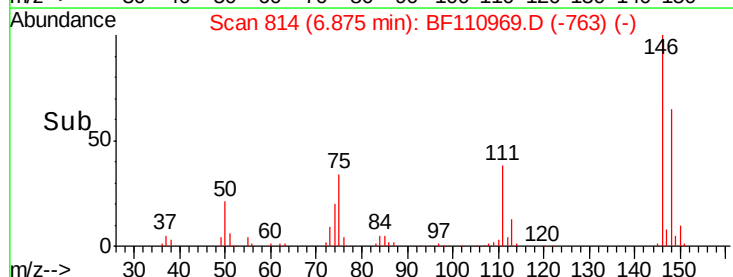
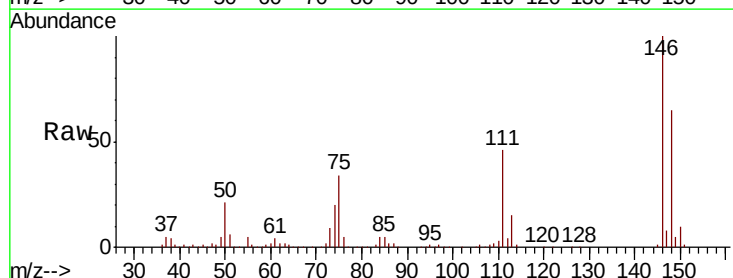
Instrument :
BNA_F
ClientSampleId :
DTW-03MS

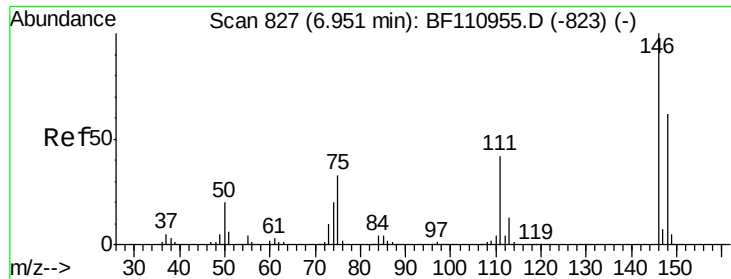
Tgt Ion: 93 Resp: 178046
Ion Ratio Lower Upper
93 100
63 80.5 53.4 93.4
95 32.5 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 35.088 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion: 146 Resp: 181809
Ion Ratio Lower Upper
146 100
148 64.6 50.4 75.6
75 34.0 25.8 38.6

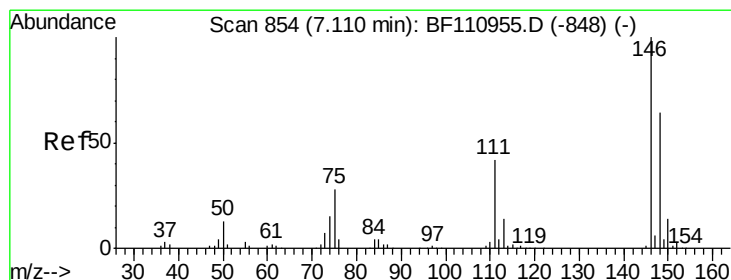
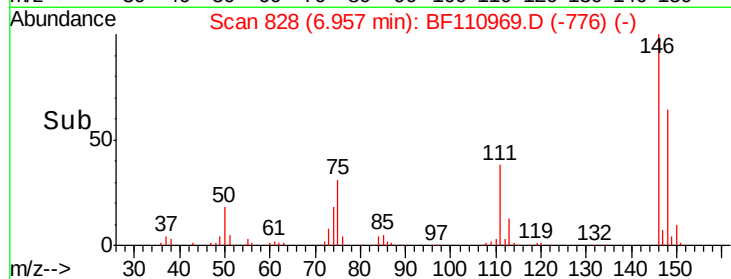
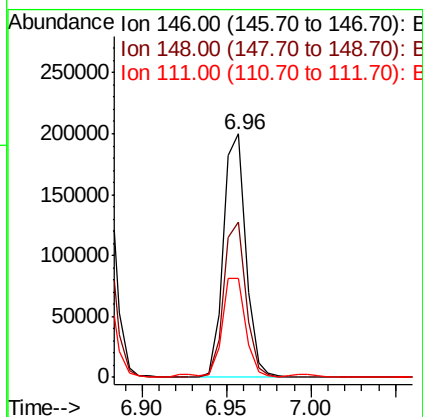
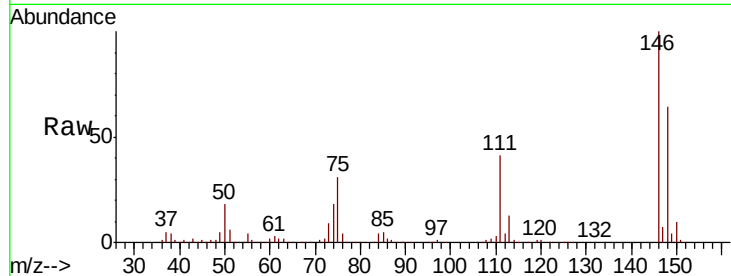




#13
 1,4-Dichlorobenzene
 Concen: 34.842 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.01 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

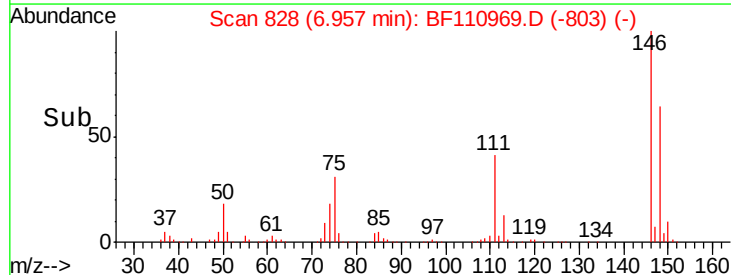
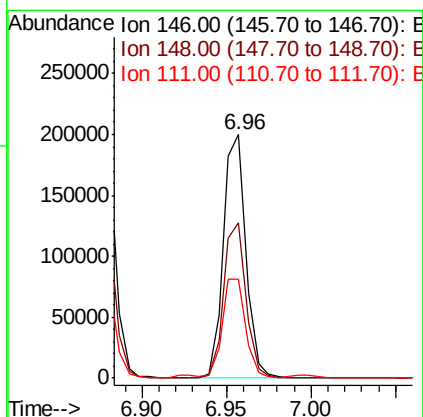
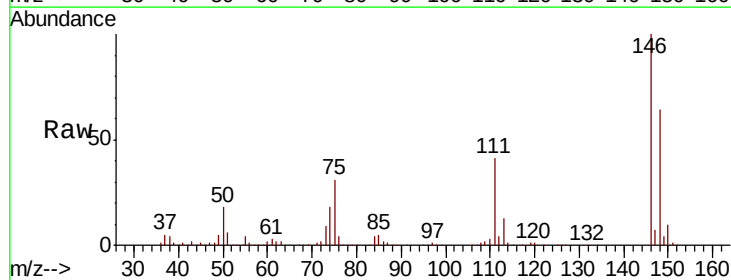
Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MS

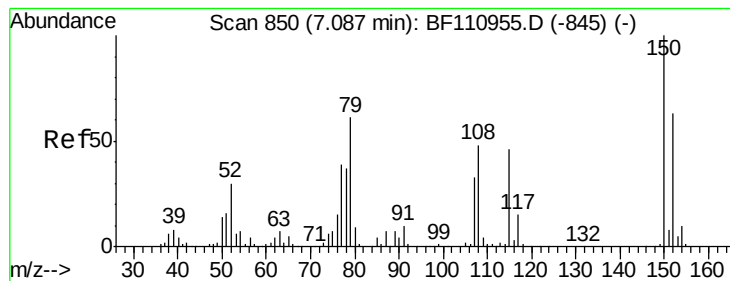
Tgt Ion:146 Resp: 185654
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.3 75.5
 111 40.9 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 37.020 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.15 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Tgt Ion:146 Resp: 185654
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.1 76.7
 111 40.9 35.8 53.6





#15

Benzyl Alcohol

Concen: 29.652 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.02 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Instrument :

BNA_F

ClientSampleId :

DTW-03MS

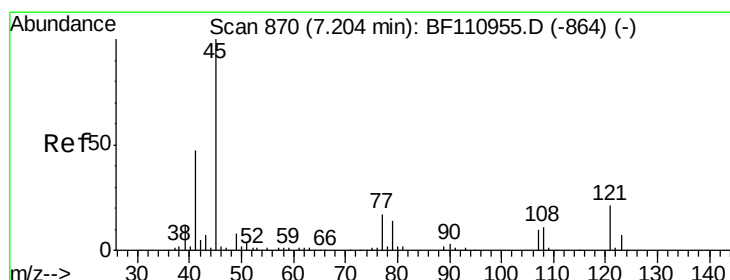
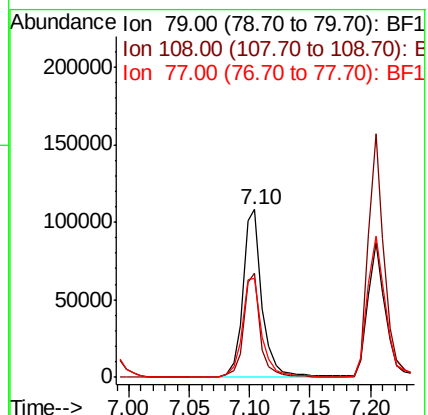
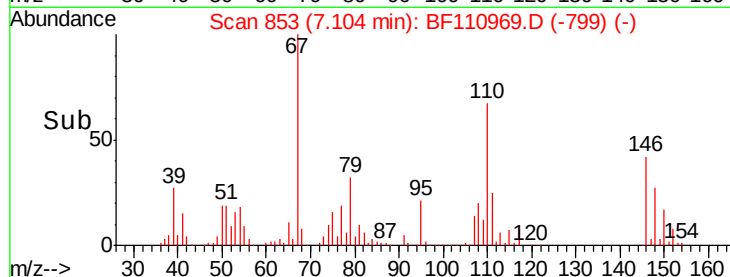
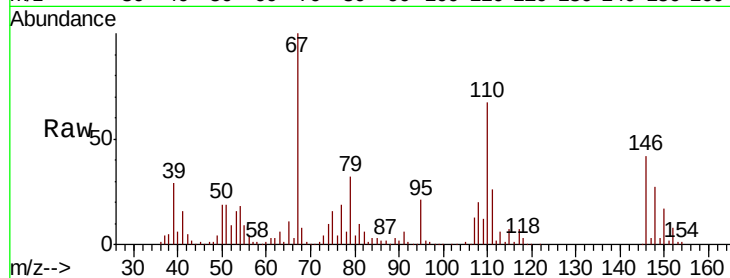
Tgt Ion: 79 Resp: 118186

Ion Ratio Lower Upper

79 100

108 62.0 56.3 84.5

77 58.9 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.905 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

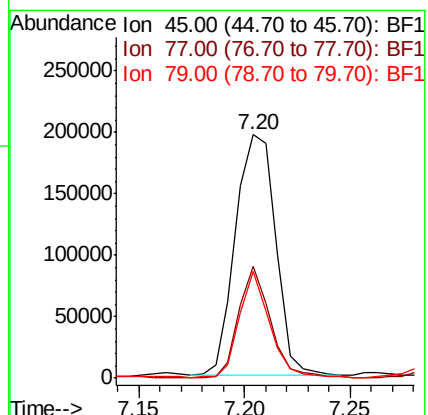
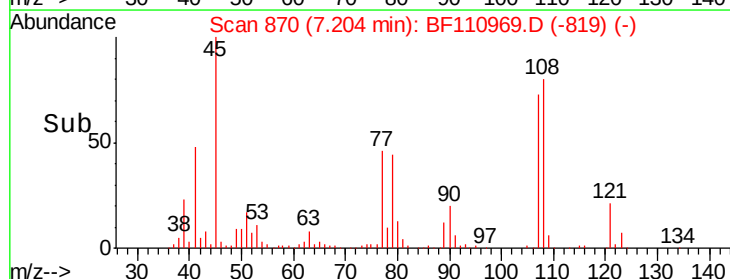
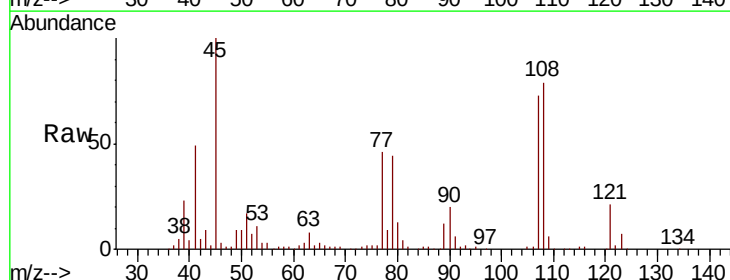
Tgt Ion: 45 Resp: 258447

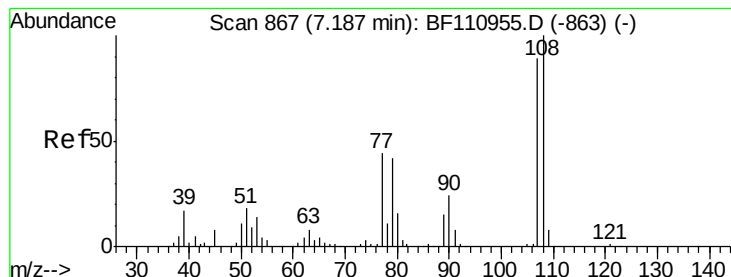
Ion Ratio Lower Upper

45 100

77 45.8 10.0 50.0

79 44.0 6.1 46.1





#17

2-Methylphenol

Concen: 34.476 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.02 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Instrument :

BNA_F

ClientSampleId :

DTW-03MS

Tgt Ion:107 Resp: 129288

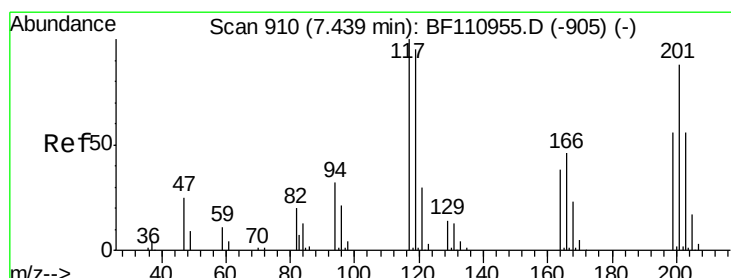
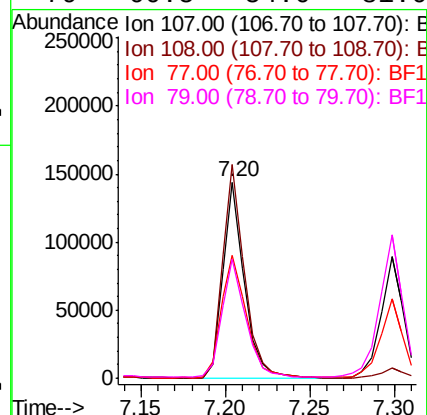
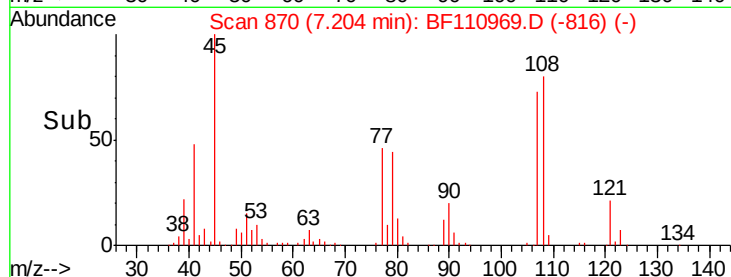
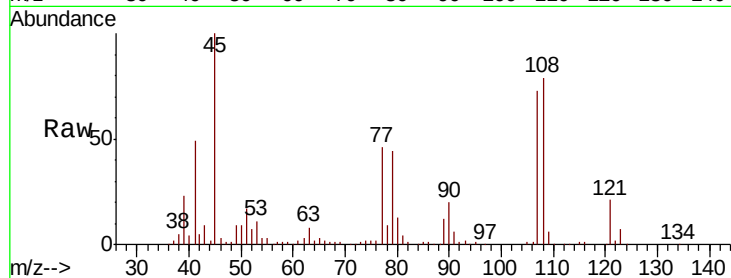
Ion Ratio Lower Upper

107 100

108 108.8 92.6 138.8

77 62.9 59.4 89.2

79 60.5 54.0 81.0



#18

Hexachloroethane

Concen: 35.529 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

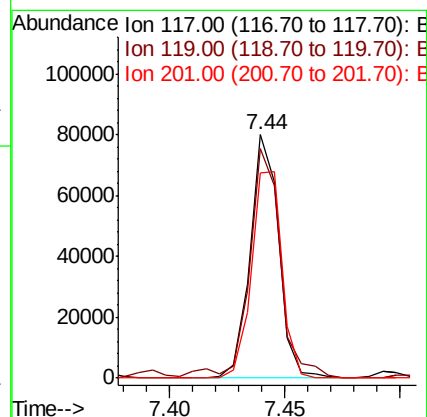
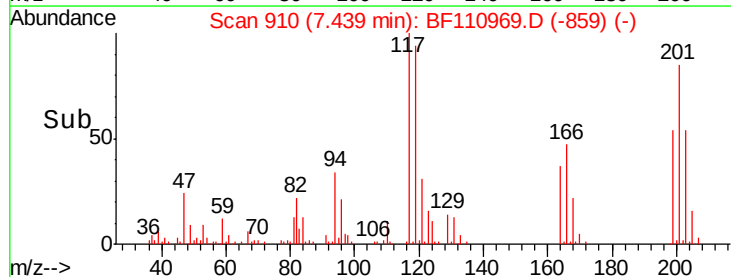
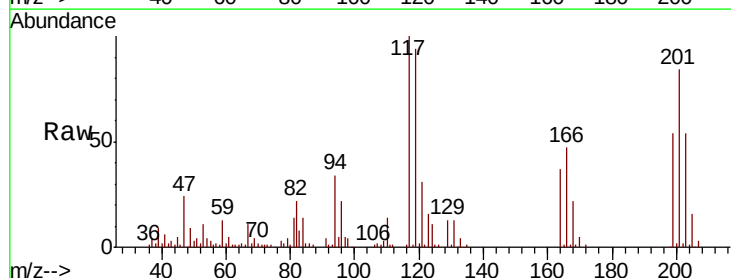
Tgt Ion:117 Resp: 69638

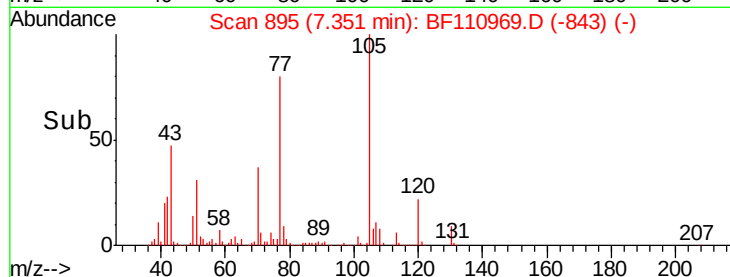
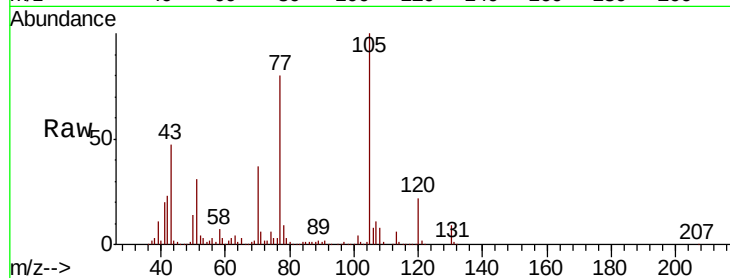
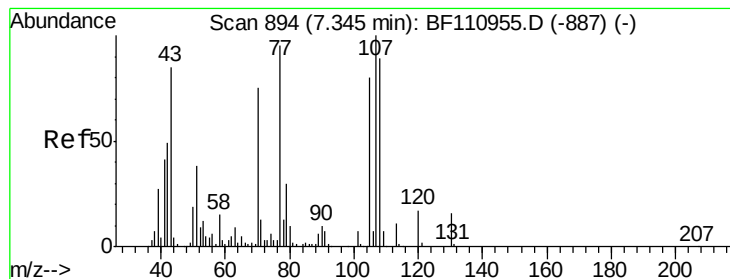
Ion Ratio Lower Upper

117 100

119 94.0 75.0 112.6

201 84.4 79.2 118.8





#19

n-Nitroso-di-n-propylamine

Concen: 40.874 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.01 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Instrument :

BNA_F

ClientSampleId :

DTW-03MS

Tgt Ion: 70 Resp: 138088

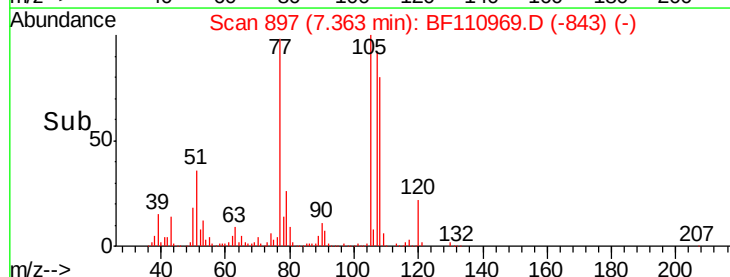
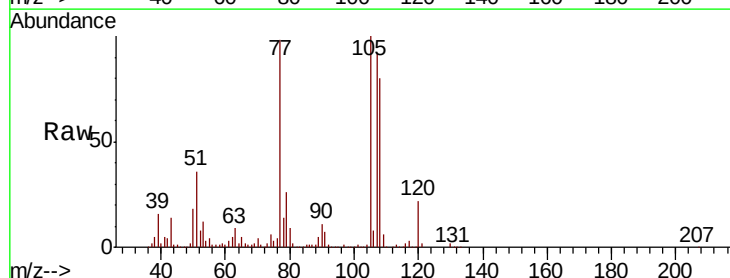
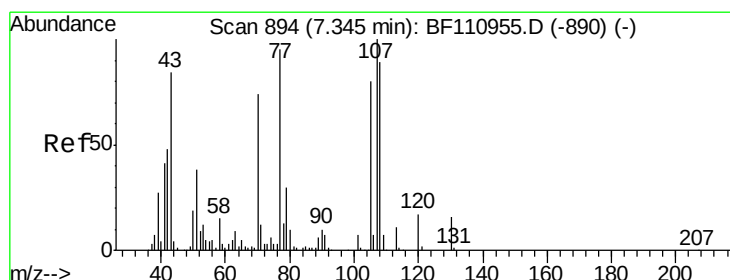
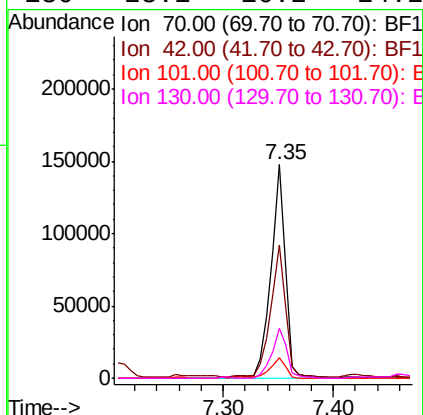
Ion Ratio Lower Upper

70 100

42 62.5 47.4 71.2

101 9.7 7.3 10.9

130 23.1 16.2 24.2



#20

3+4-Methylphenols

Concen: 43.923 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.02 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Tgt Ion: 107 Resp: 218961

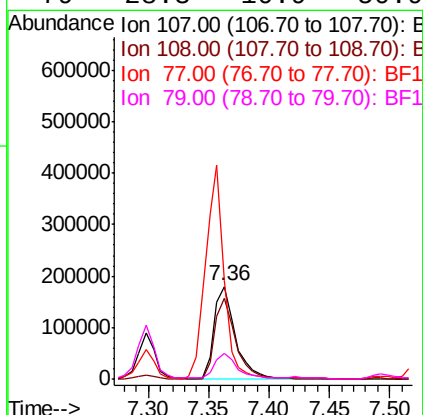
Ion Ratio Lower Upper

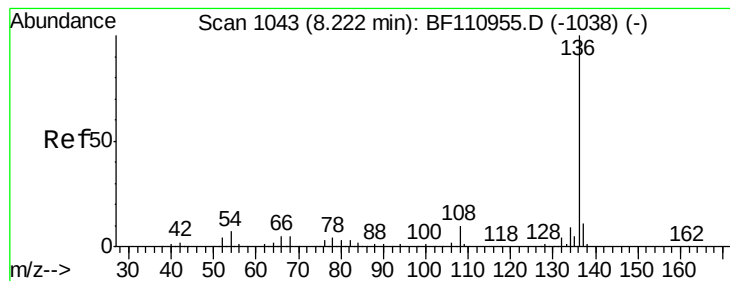
107 100

108 87.2 71.4 111.4

77 106.2 47.3 87.3#

79 28.3 10.9 50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.01 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Instrument :

BNA_F

ClientSampleId :

DTW-03MS

Tgt Ion:136 Resp: 267601

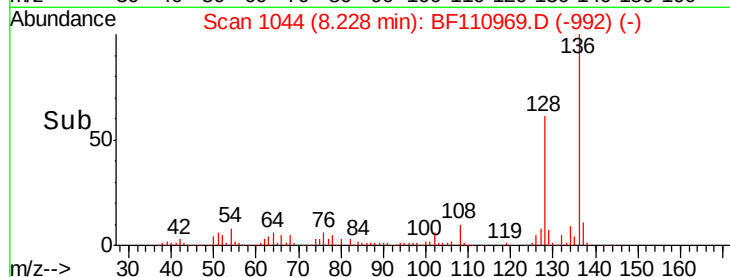
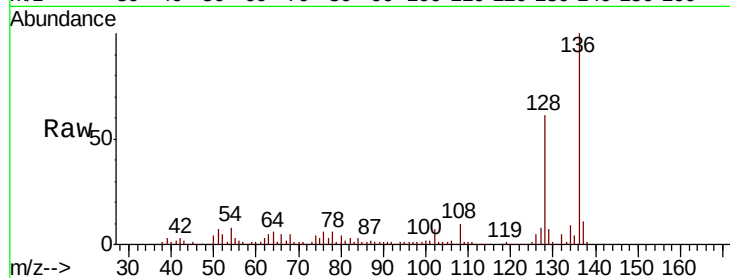
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.2 5.4 8.2#

68 5.4 4.2 6.2

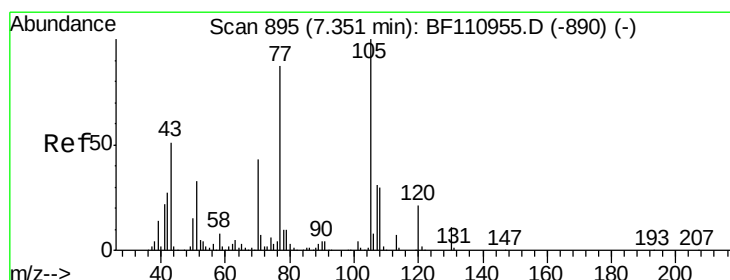
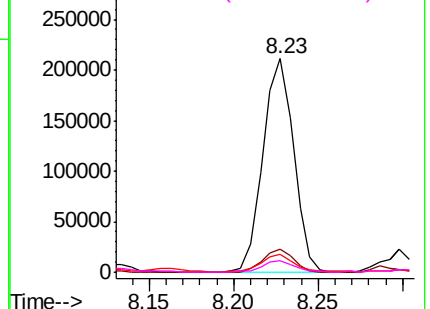


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.303 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.01 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Tgt Ion:105 Resp: 491159

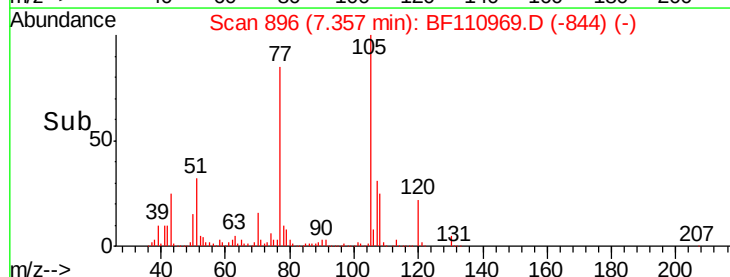
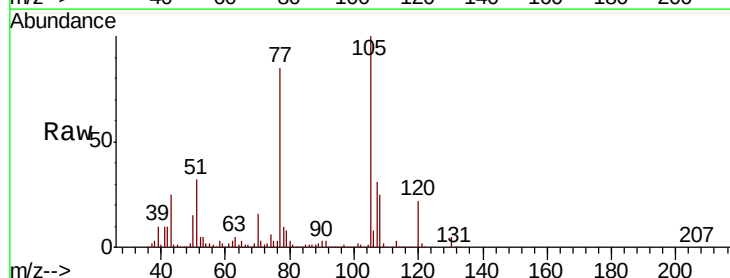
Ion Ratio Lower Upper

105 100

71 2.6 5.2 7.8#

51 32.5 21.8 32.8

120 21.7 17.0 25.4

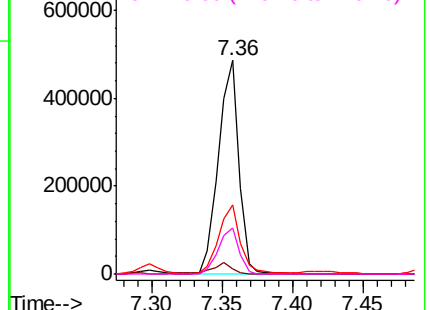


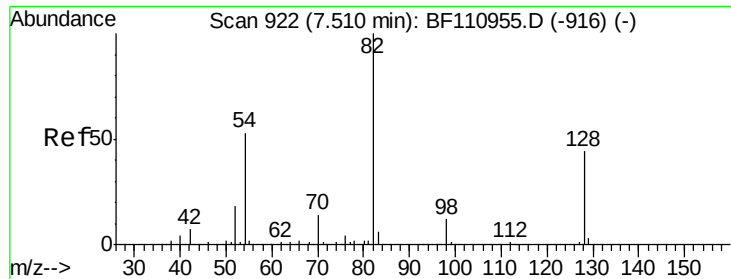
Abundance Ion 105.00 (104.70 to 105.70): E

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

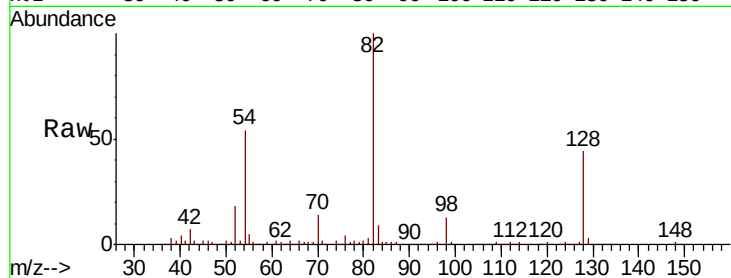




#23
 Nitrobenzene-d5
 Concen: 78.640 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.2	51.2
54	53.9	38.6	58.0

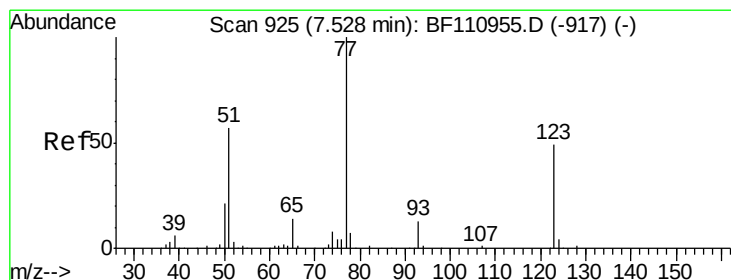
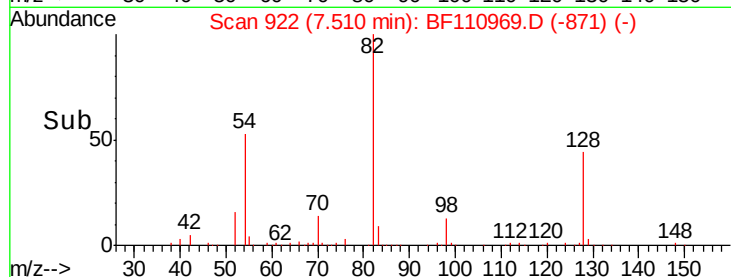
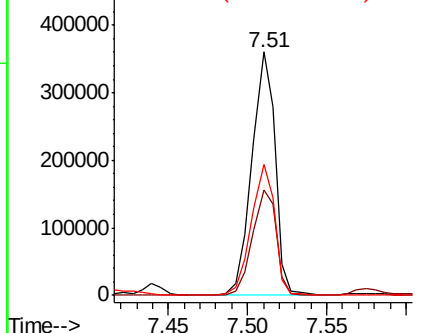


Abundance

Ion 82.00 (81.70 to 82.70): BF1

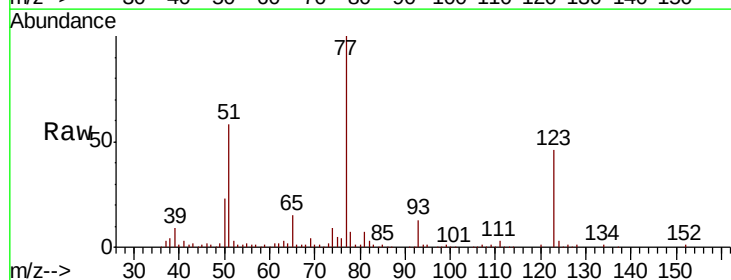
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 40.956 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.6	35.7	53.5
65	14.7	10.7	16.1

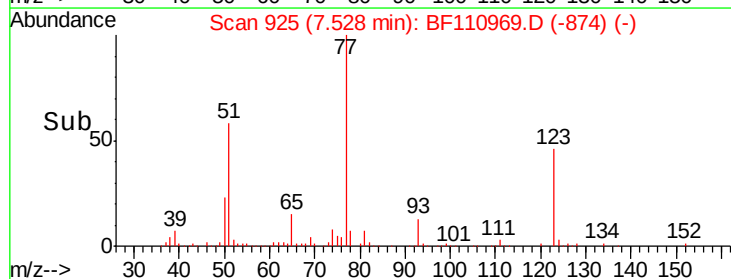
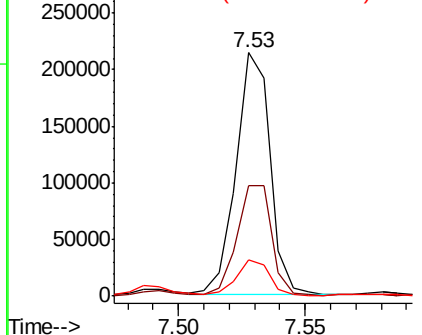


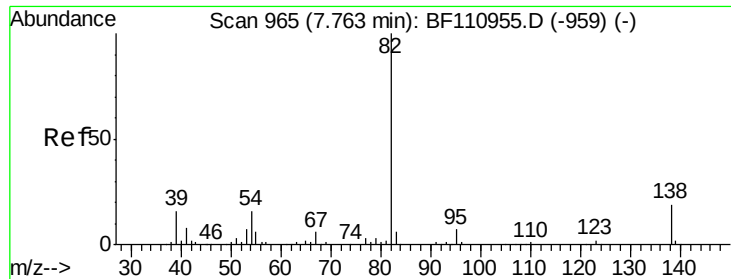
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 48.324 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Instrument :

BNA_F

ClientSampleId :

DTW-03MS

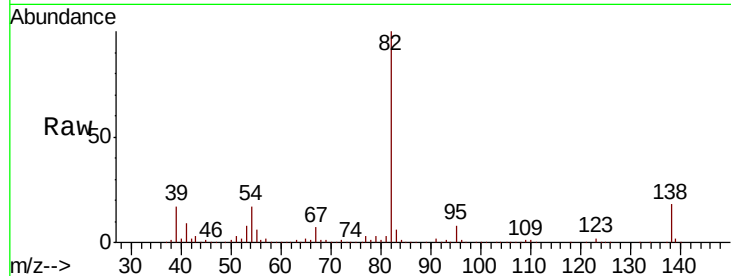
Tgt Ion: 82 Resp: 370646

Ion Ratio Lower Upper

82 100

95 7.6 5.7 8.5

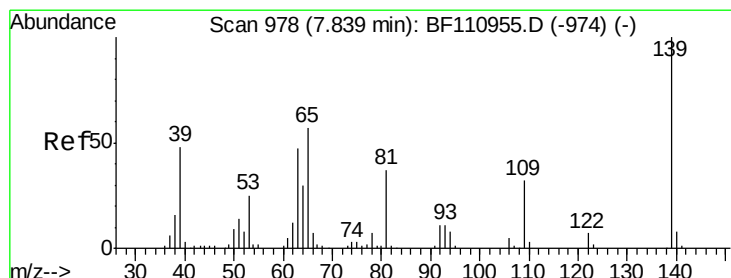
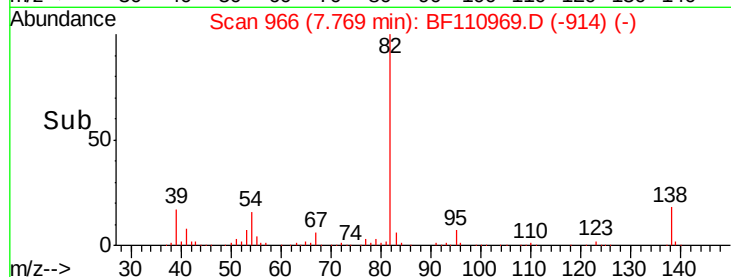
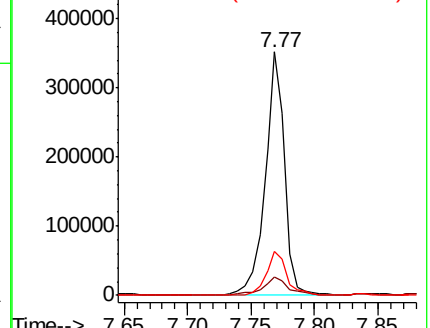
138 18.1 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.657 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

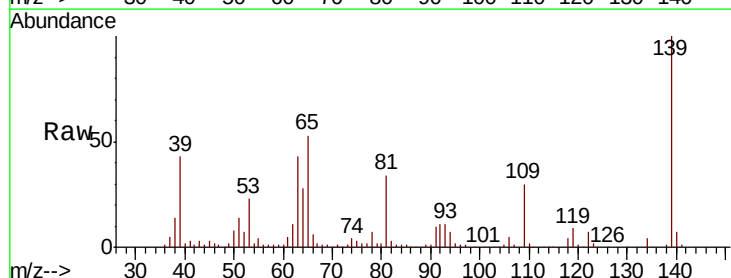
Tgt Ion: 139 Resp: 103134

Ion Ratio Lower Upper

139 100

109 29.6 25.0 37.6

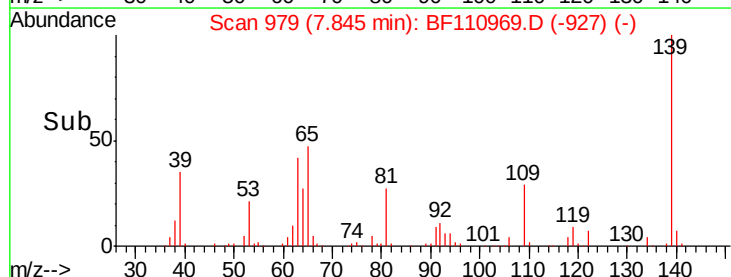
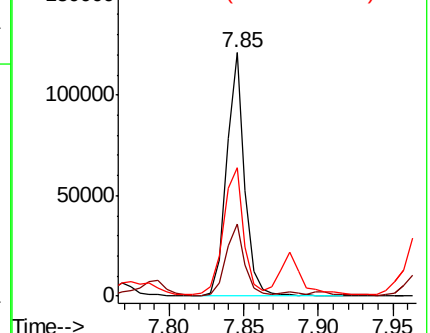
65 52.6 44.0 66.0

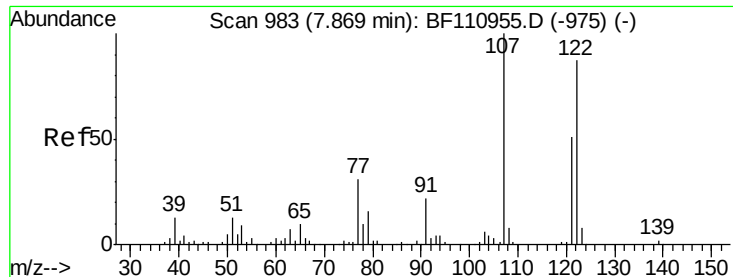


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

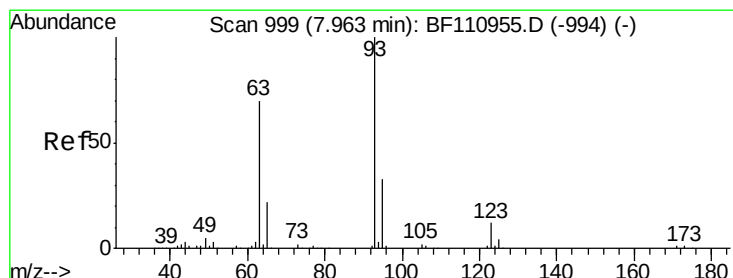
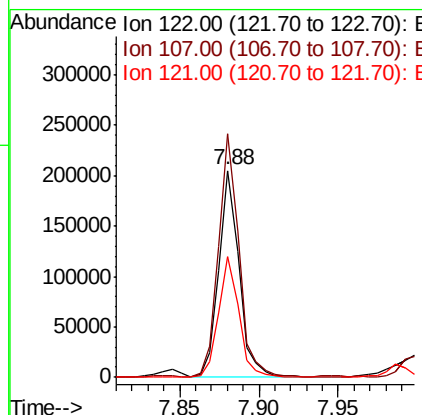
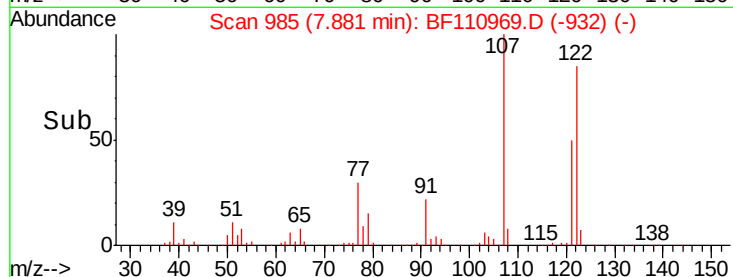
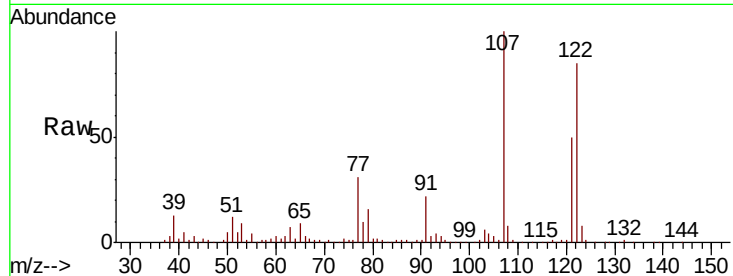




#27
2,4-Dimethylphenol
Concen: 50.889 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.01 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

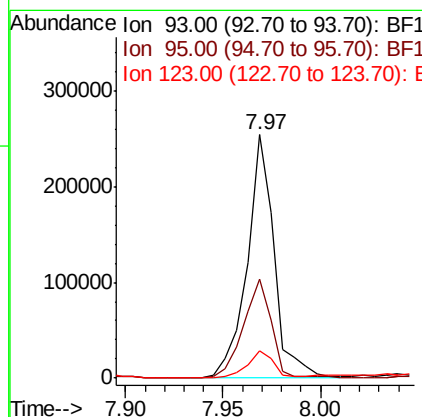
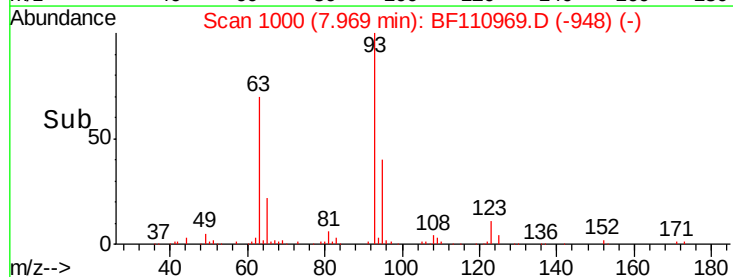
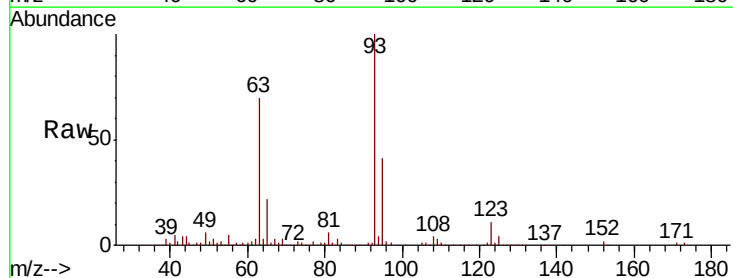
Instrument :
BNA_F
ClientSampleId :
DTW-03MS

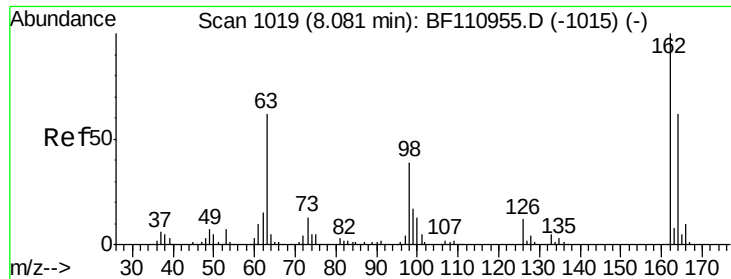
Tgt Ion: 122 Resp: 181548
Ion Ratio Lower Upper
122 100
107 117.6 92.5 138.7
121 58.4 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 47.360 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion: 93 Resp: 243357
Ion Ratio Lower Upper
93 100
95 40.5 26.4 39.6#
123 11.3 9.0 13.6

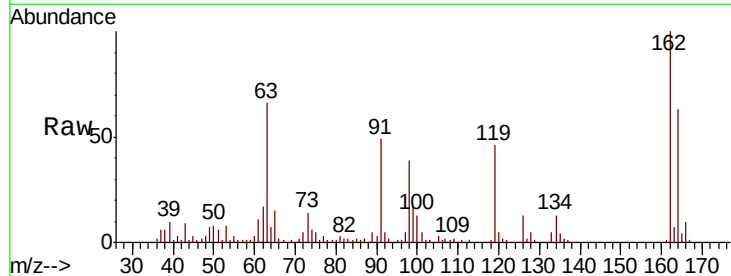




#29
 2,4-Dichlorophenol
 Concen: 40.987 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.02 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.6	84.6
98	38.8	17.4	57.4

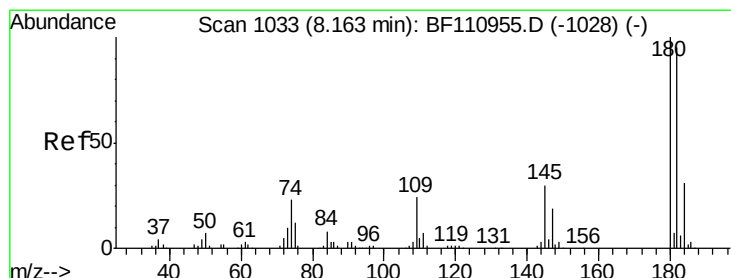
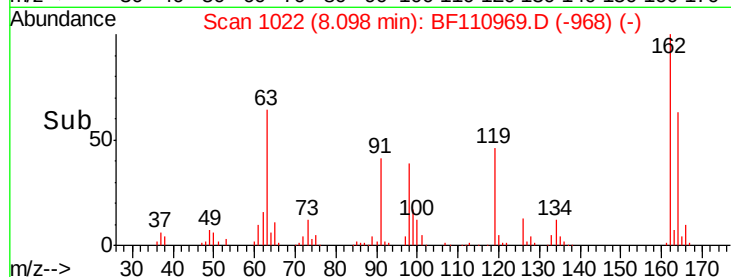
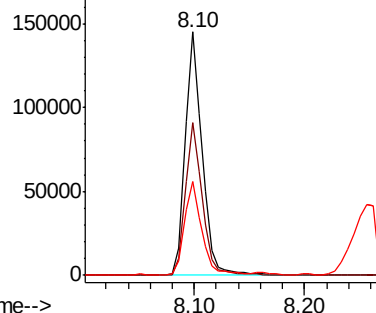


Abundance

Ion 162.00 (161.70 to 162.70): E

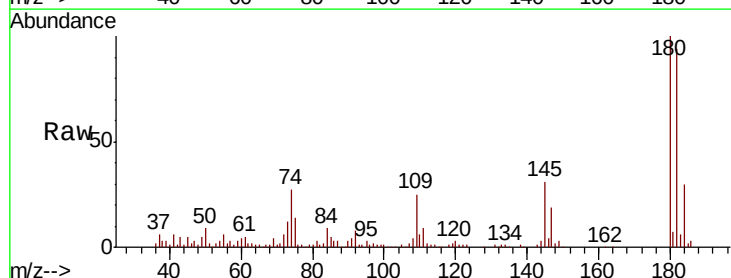
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.497 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	80.3	120.5
145	31.3	25.4	38.0

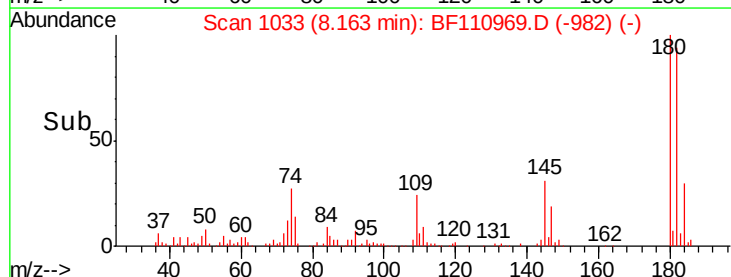
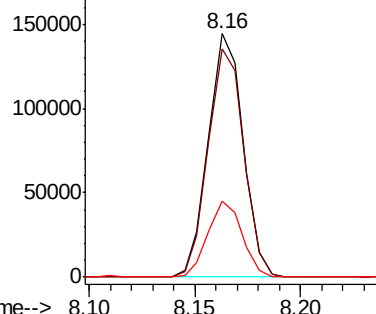


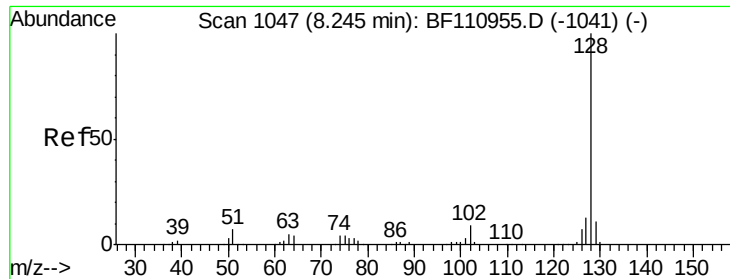
Abundance

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

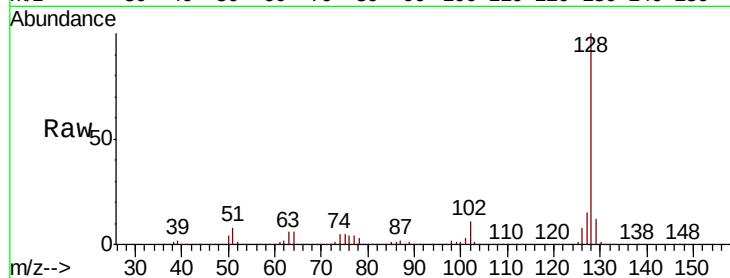




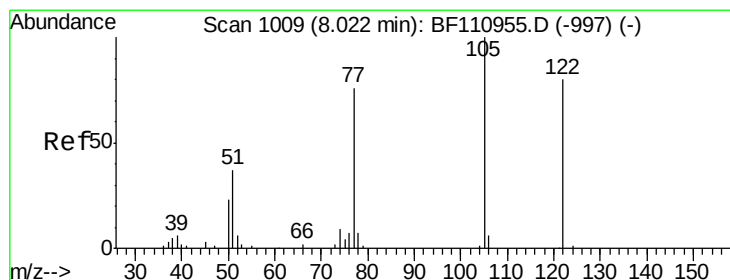
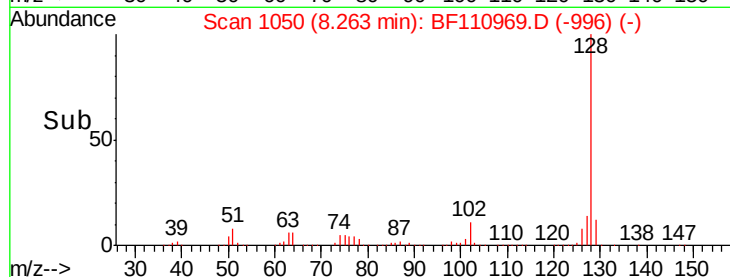
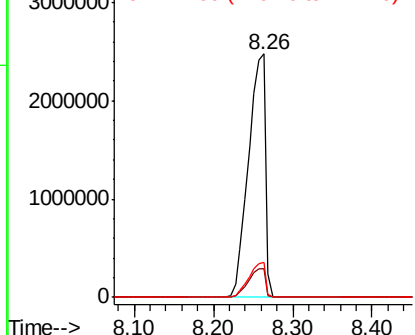
#31
Naphthalene
Concen: 292.242 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.02 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Instrument :
BNA_F
ClientSampleId :
DTW-03MS

Tgt Ion:128 Resp: 3665853
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 14.5 10.8 16.2

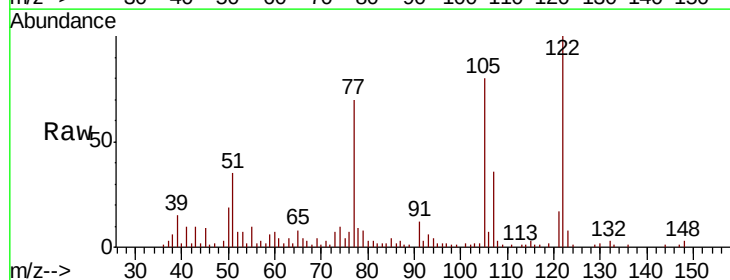


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

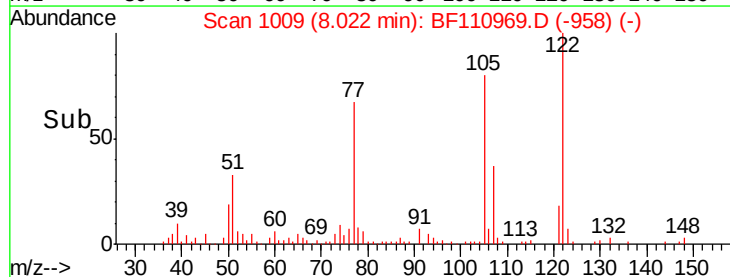
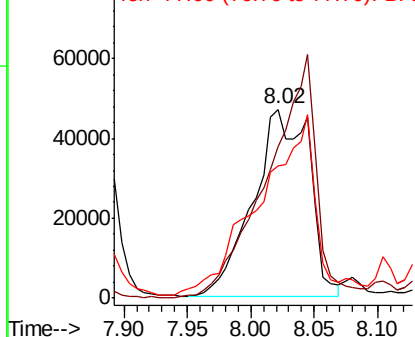


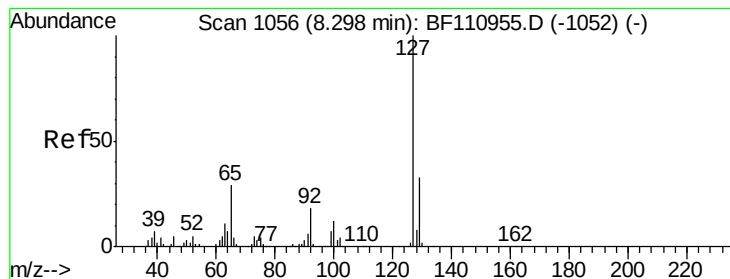
#32
Benzoic acid
Concen: 54.575 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion:122 Resp: 144755
Ion Ratio Lower Upper
122 100
105 80.3 109.0 149.0#
77 70.0 79.0 119.0#



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





#33

4-Chloroaniline

Concen: 3.136 ng

RT: 8.33 min Scan# 1061

Delta R.T. 0.03 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Instrument :

BNA_F

ClientSampleId :

DTW-03MS

Tgt Ion:127 Resp: 16742

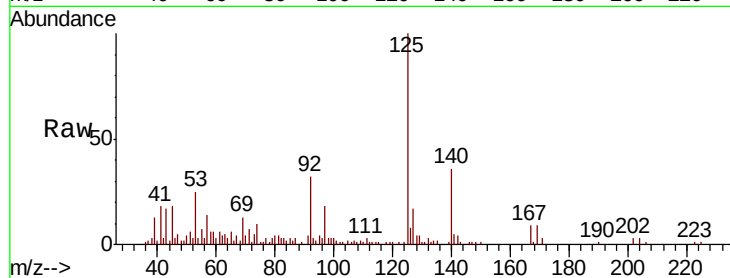
Ion Ratio Lower Upper

127 100

129 24.7 26.0 39.0#

65 36.5 25.1 37.7

92 189.0 15.0 22.6#



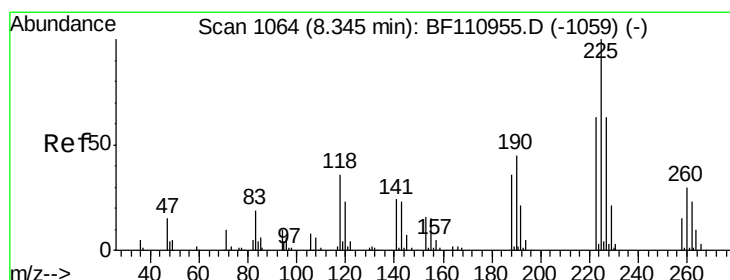
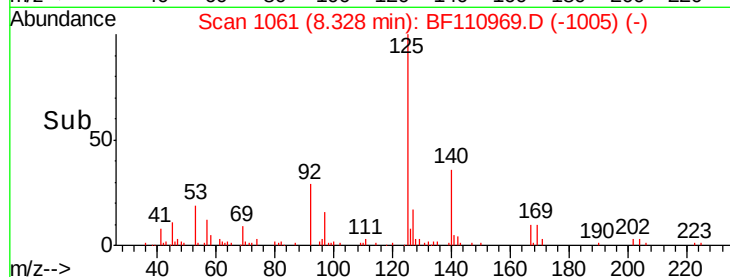
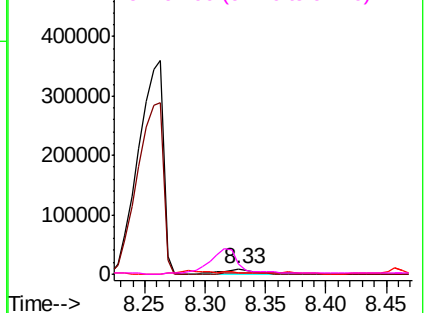
Abundance

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: 37.054 ng

RT: 8.35 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

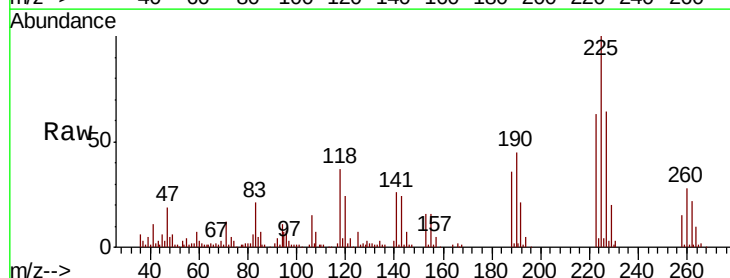
Tgt Ion:225 Resp: 88297

Ion Ratio Lower Upper

225 100

223 63.4 51.4 77.2

227 63.9 51.0 76.6

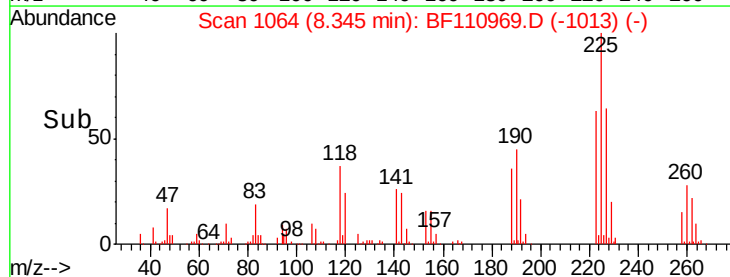
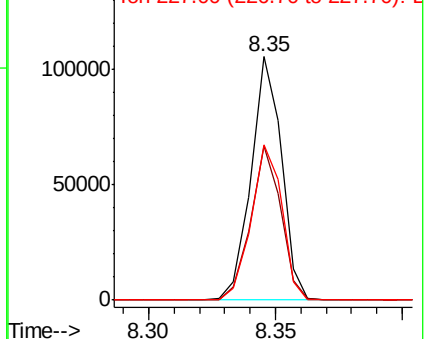


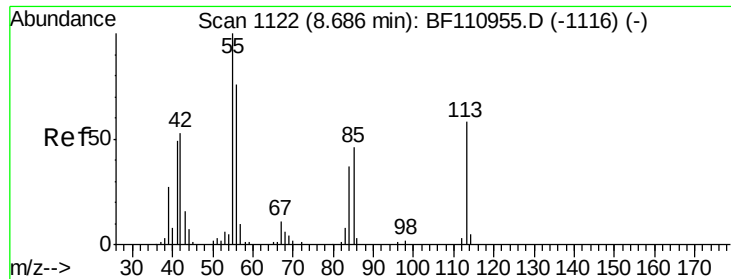
Abundance

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

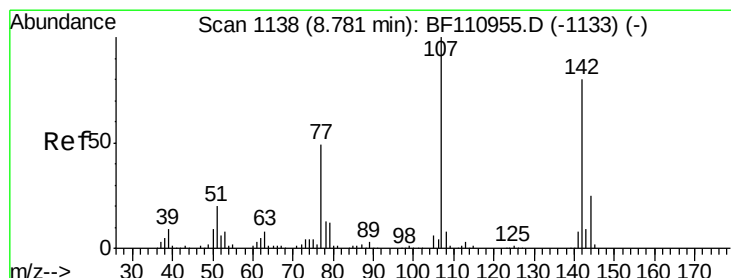
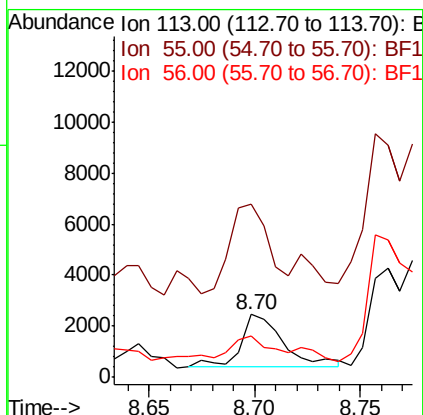
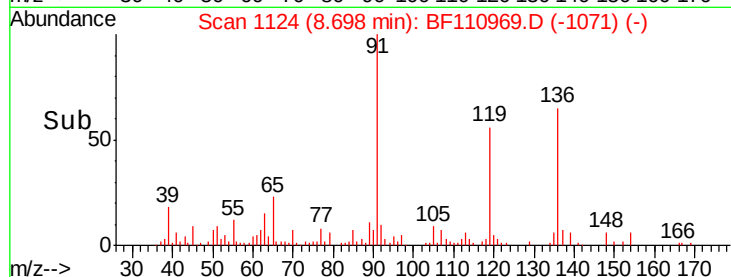
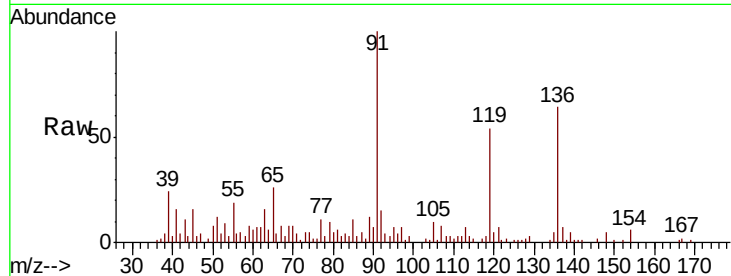




#35
 Caprolactam
 Concen: 2.301 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

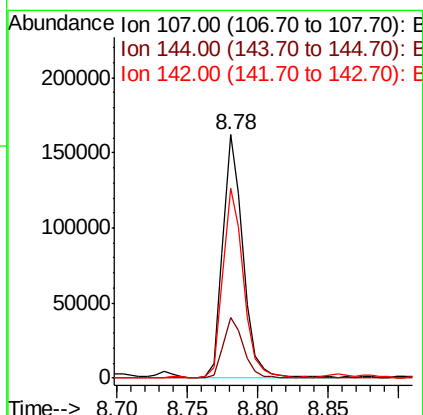
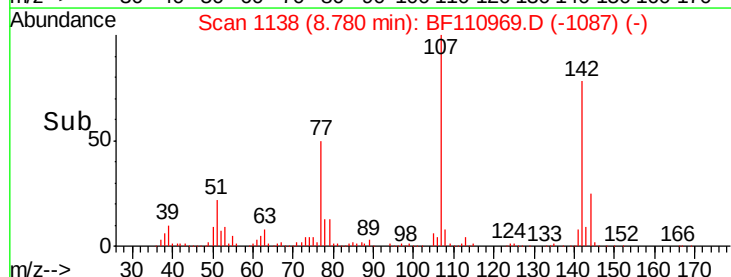
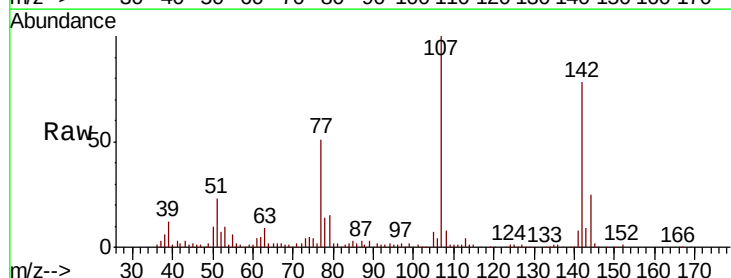
Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MS

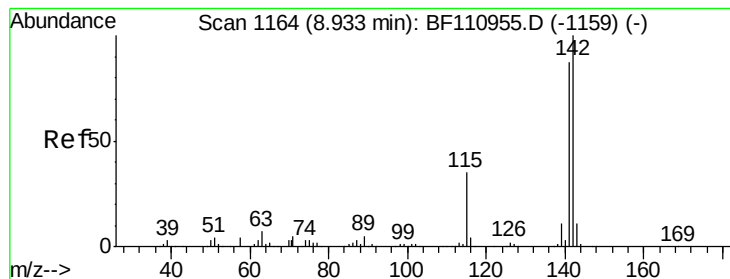
Tgt Ion:113 Resp: 2933
 Ion Ratio Lower Upper
 113 100
 55 276.3 142.8 182.8#
 56 65.3 105.0 145.0#



#36
 4-Chloro-3-methylphenol
 Concen: 38.275 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Tgt Ion:107 Resp: 158763
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.0 30.0
 142 78.0 59.7 89.5





#37

2-Methylnaphthalene

Concen: 56.684 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.01 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Instrument :

BNA_F

ClientSampleId :

DTW-03MS

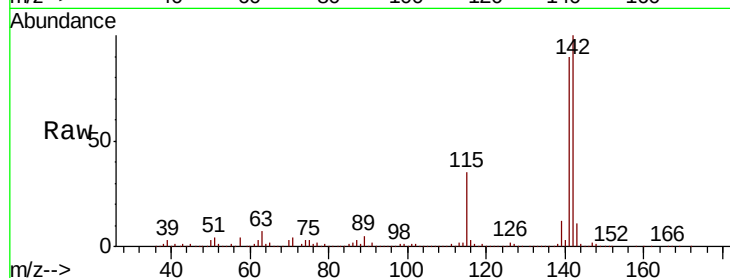
Tgt Ion:142 Resp: 469649

Ion Ratio Lower Upper

142 100

141 89.6 71.4 107.2

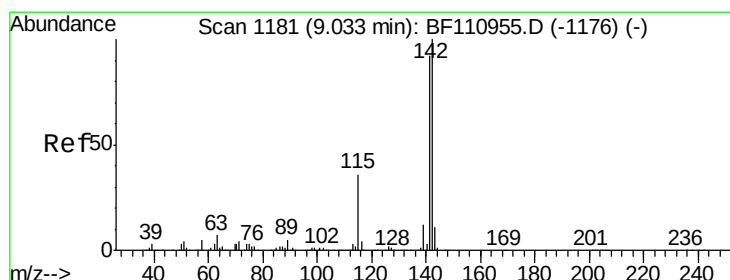
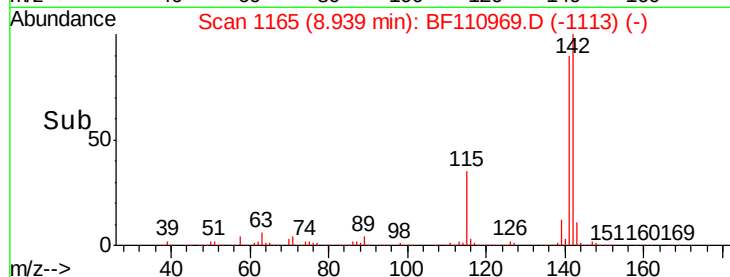
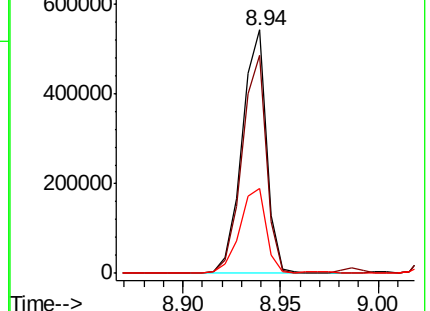
115 34.9 28.7 43.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 58.276 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.09 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

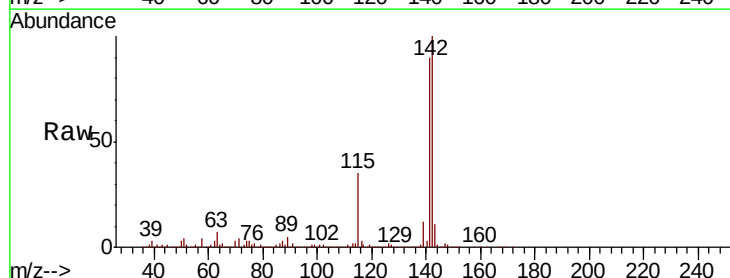
Tgt Ion:142 Resp: 469649

Ion Ratio Lower Upper

142 100

141 89.6 74.2 111.4

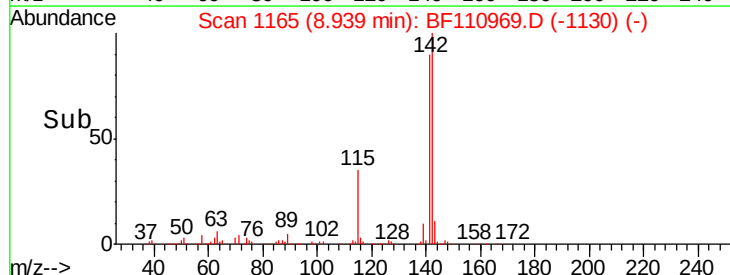
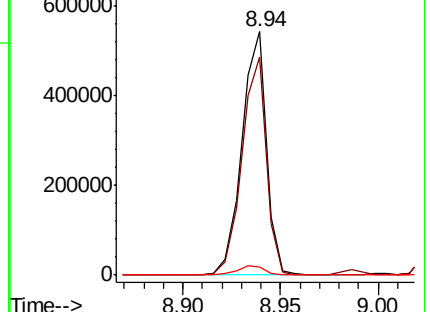
116 3.5 2.6 4.0

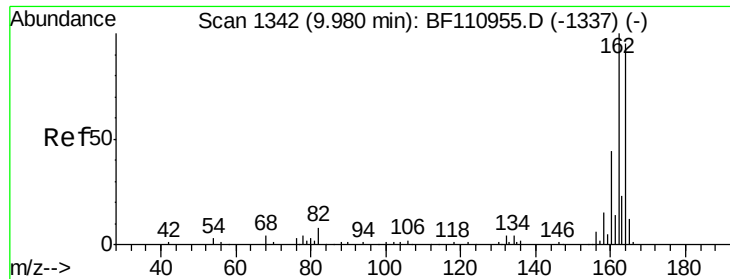


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

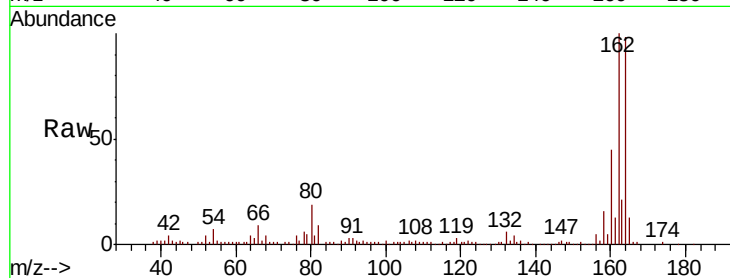




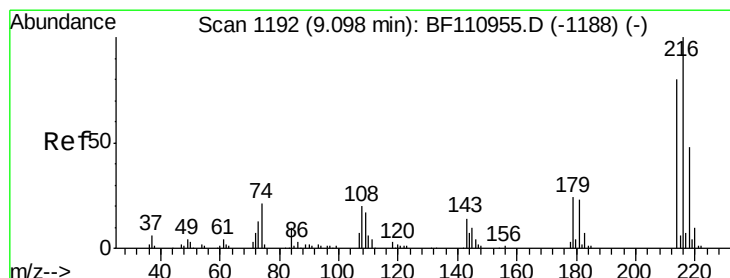
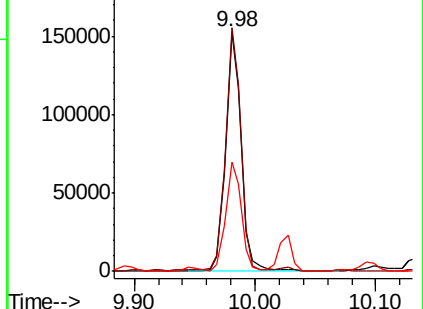
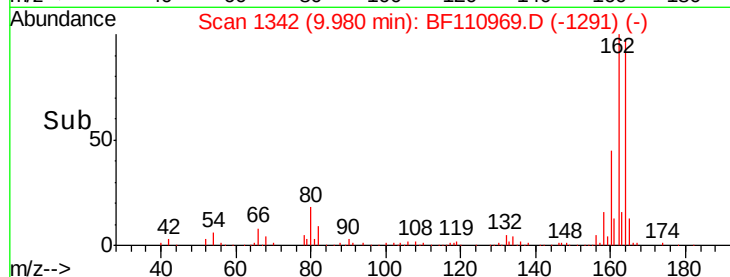
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.00 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MS

Tgt Ion:164 Resp: 133408
 Ion Ratio Lower Upper
 164 100
 162 102.0 83.0 124.6
 160 45.6 37.0 55.6

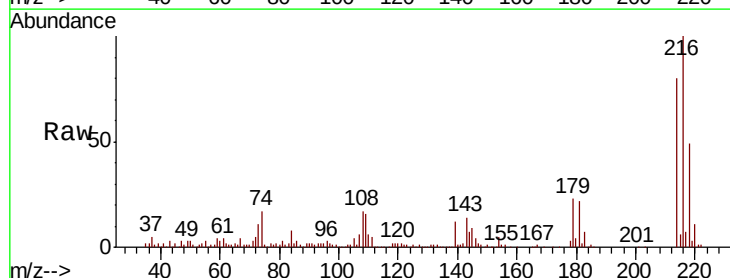


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

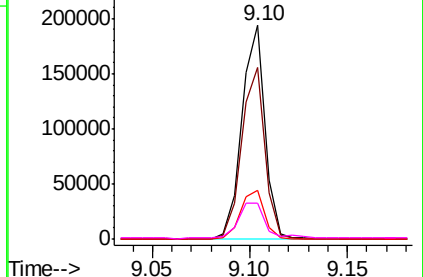
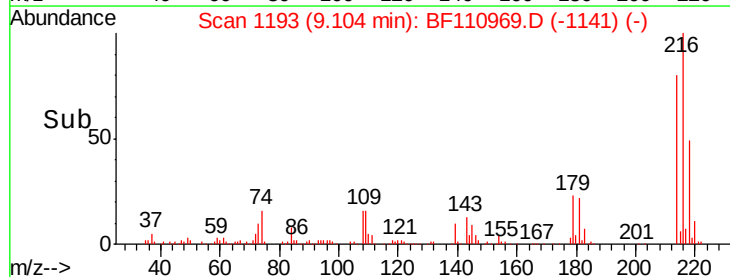


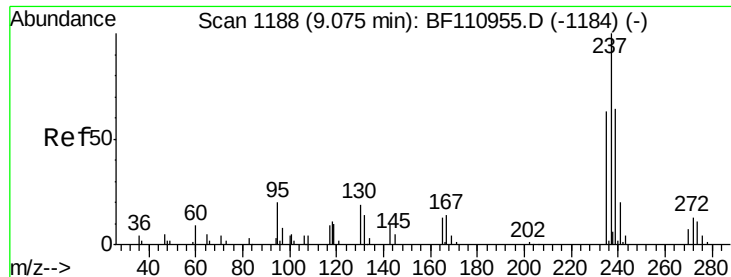
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.885 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Tgt Ion:216 Resp: 158992
 Ion Ratio Lower Upper
 216 100
 214 80.6 63.8 95.6
 179 23.3 16.6 25.0
 108 20.5 15.1 22.7



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





#41

Hexachlorocyclopentadiene

Concen: 17.597 ng

RT: 9.07 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Instrument :

BNA_F

ClientSampleId :

DTW-03MS

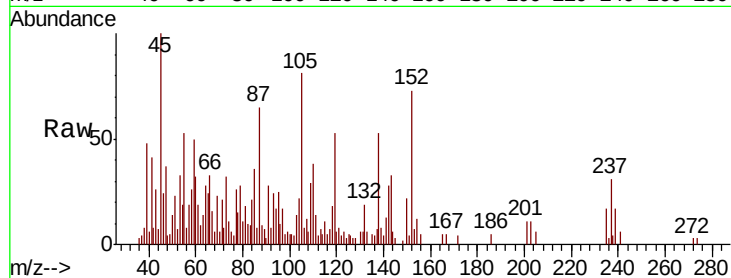
Tgt Ion:237 Resp: 2751

Ion Ratio Lower Upper

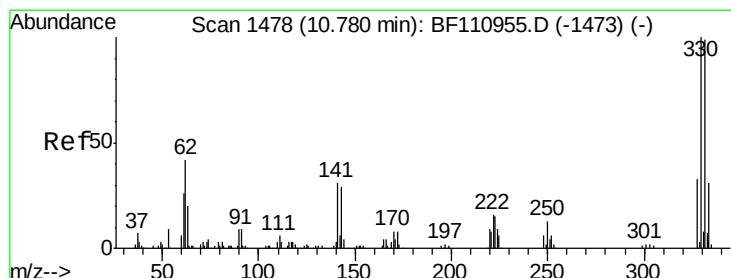
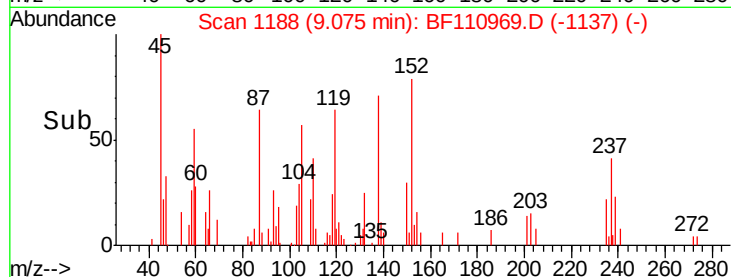
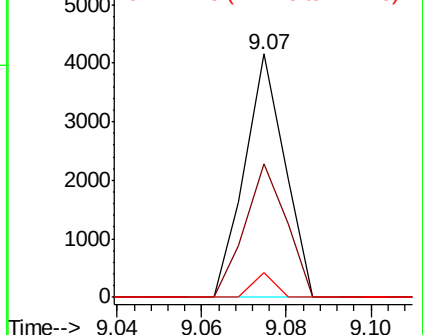
237 100

235 54.7 43.1 83.1

272 10.1 0.0 32.6



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



#42

2,4,6-Tribromophenol

Concen: 106.058 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

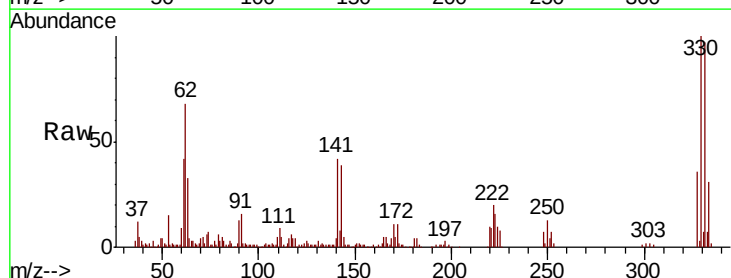
Tgt Ion:330 Resp: 140518

Ion Ratio Lower Upper

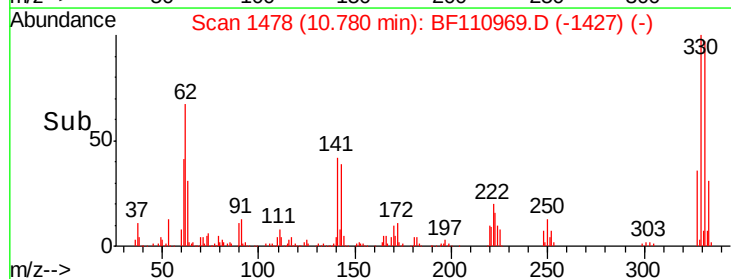
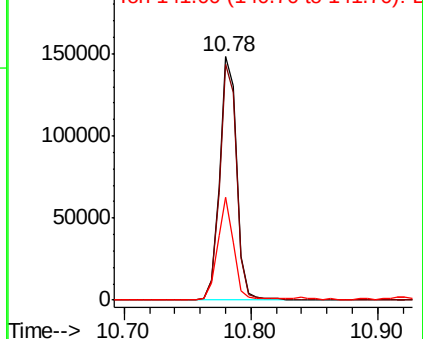
330 100

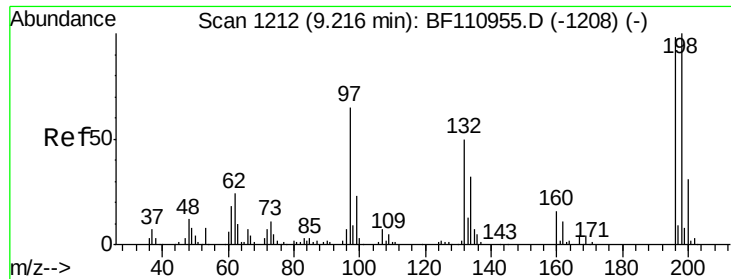
332 96.5 77.1 115.7

141 39.4 27.0 40.4



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

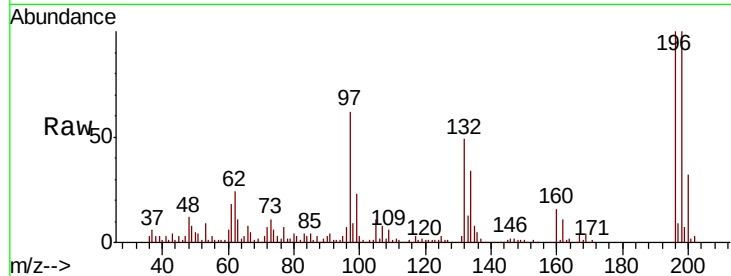




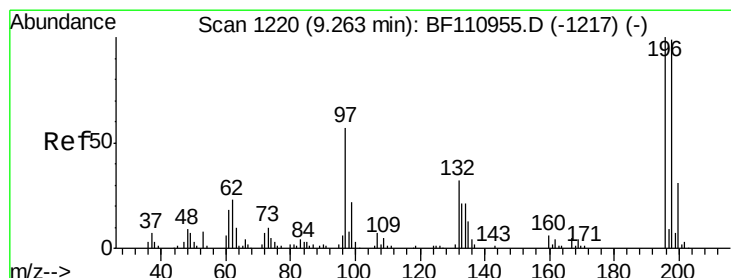
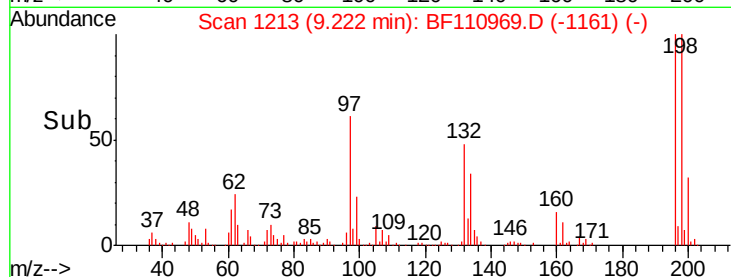
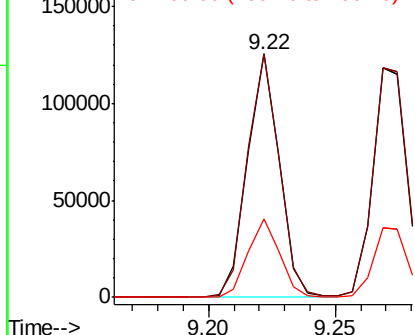
#43
 2,4,6-Trichlorophenol
 Concen: 44.169 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MS

Tgt Ion:196 Resp: 110707
 Ion Ratio Lower Upper
 196 100
 198 99.9 76.2 114.4
 200 32.3 24.4 36.6



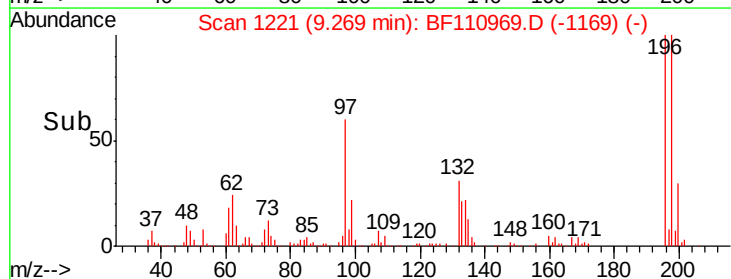
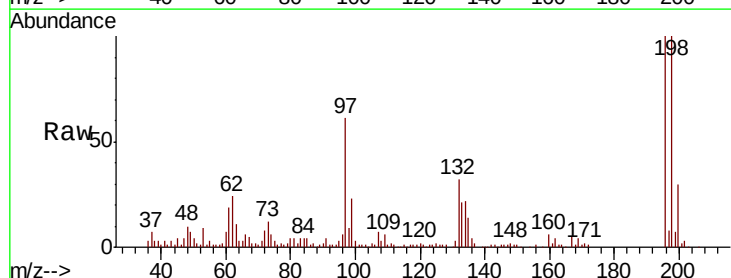
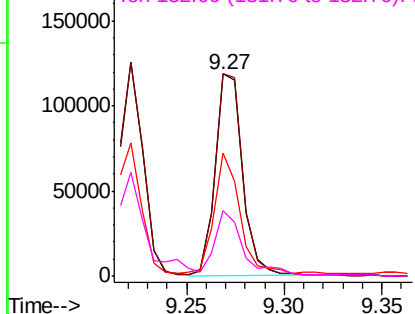
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

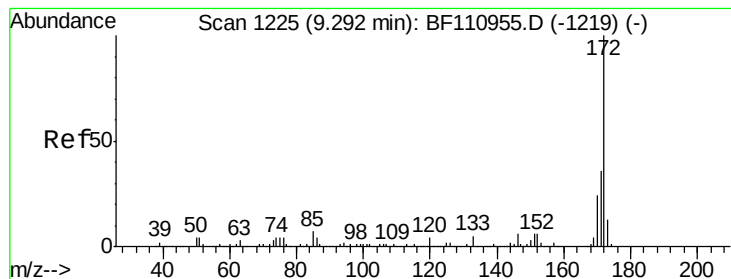


#44
 2,4,5-Trichlorophenol
 Concen: 43.381 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.01 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Tgt Ion:196 Resp: 114491
 Ion Ratio Lower Upper
 196 100
 198 100.0 75.8 113.6
 97 61.0 42.4 63.6
 132 32.5 22.8 34.2

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





#45

2-Fluorobiphenyl

Concen: 73.423 ng

RT: 9.30 min Scan# 1226

Delta R.T. 0.01 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Instrument :

BNA_F

ClientSampleId :

DTW-03MS

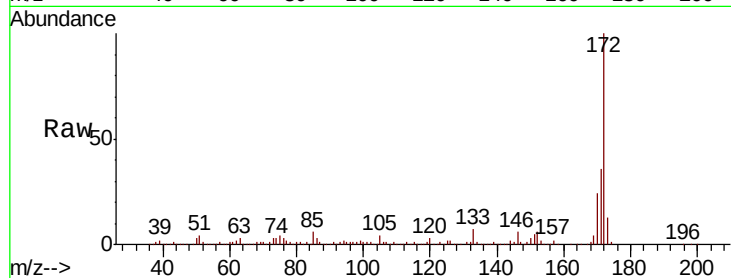
Tgt Ion:172 Resp: 676104

Ion Ratio Lower Upper

172 100

171 36.2 28.6 43.0

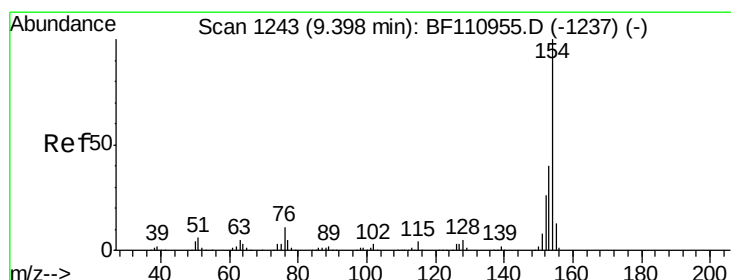
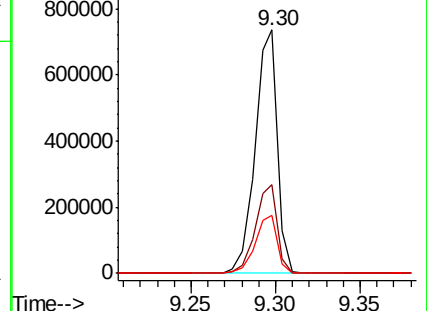
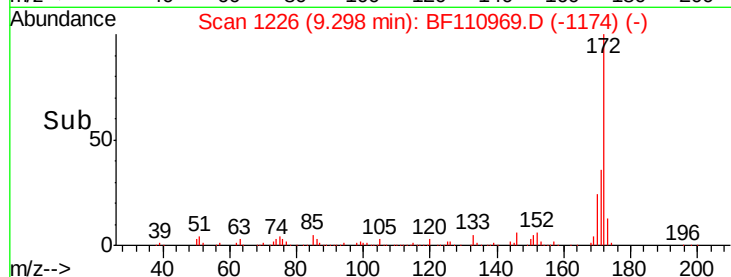
170 24.0 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 39.870 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

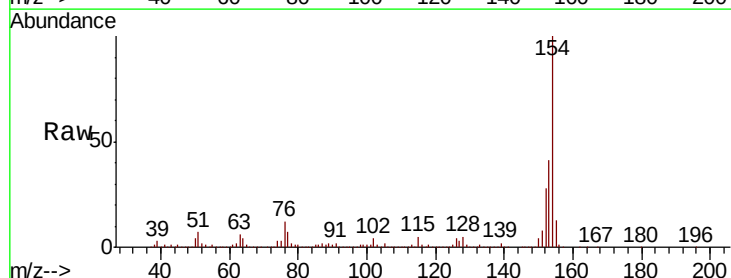
Tgt Ion:154 Resp: 490379

Ion Ratio Lower Upper

154 100

153 40.8 20.4 60.4

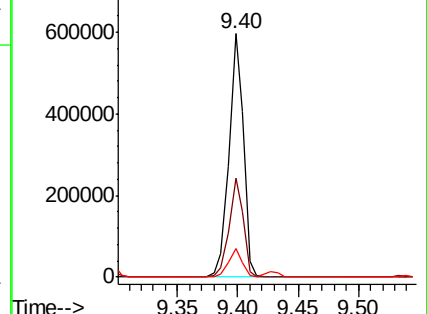
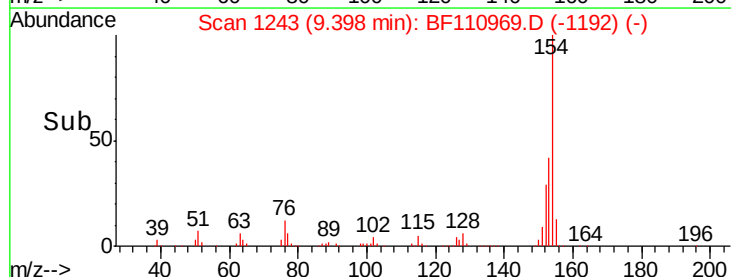
76 12.0 0.0 31.9

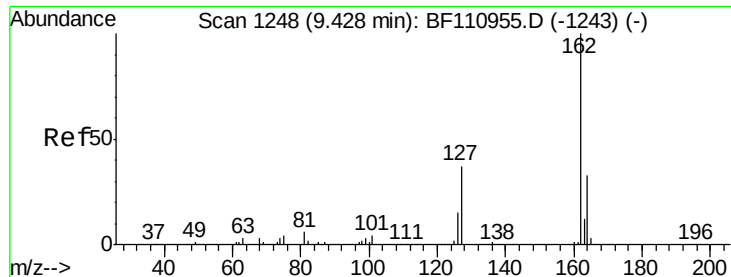


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

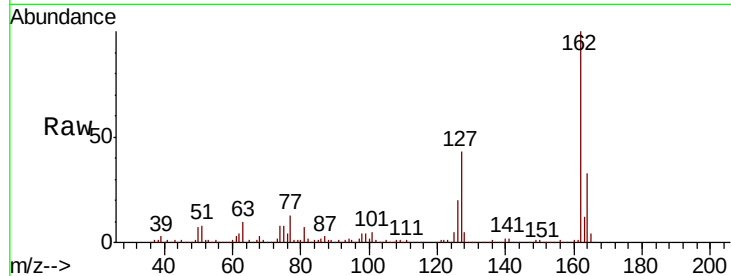




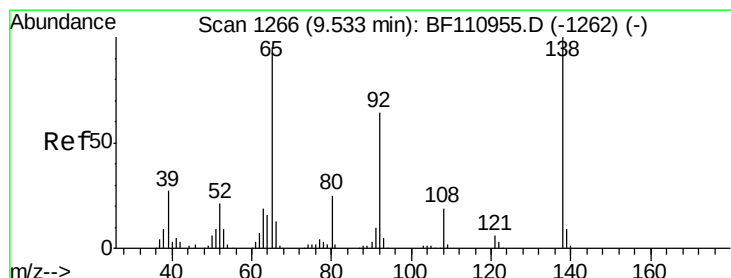
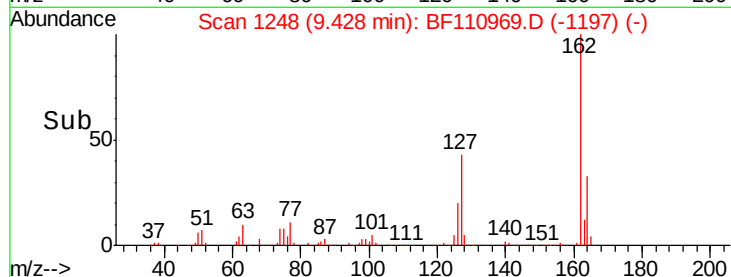
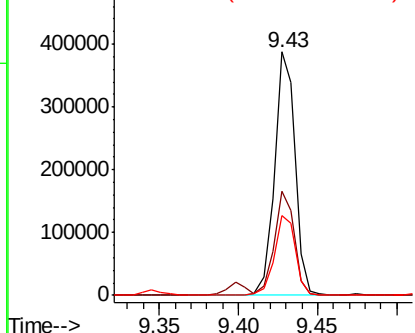
#47
 2-Chloronaphthalene
 Concen: 39.320 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.7	32.6	48.8
164	32.6	25.9	38.9

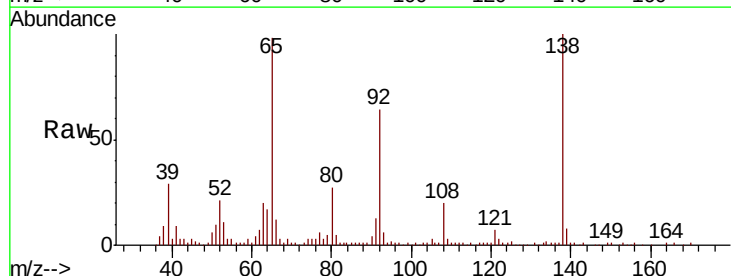


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

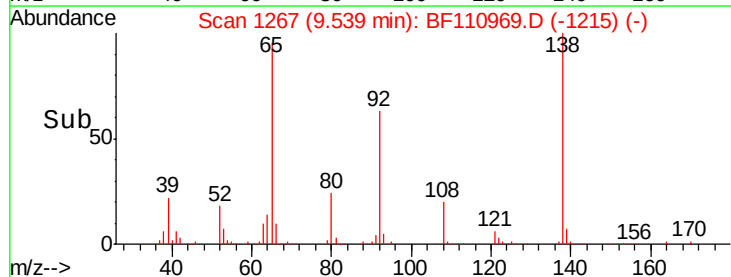
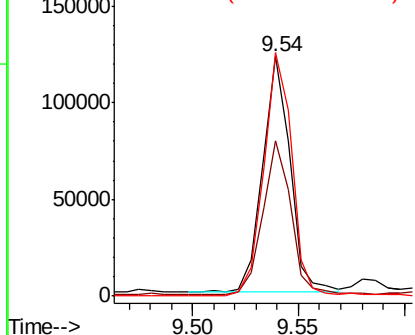


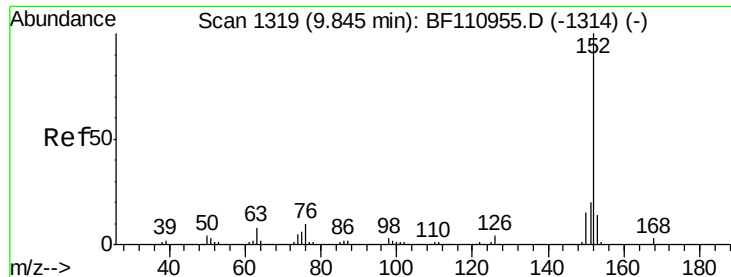
#48
 2-Nitroaniline
 Concen: 39.617 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. 0.01 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.6	54.6	81.8
138	101.6	80.3	120.5



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





#49

Acenaphthylene

Concen: 40.568 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Instrument :

BNA_F

ClientSampleId :

DTW-03MS

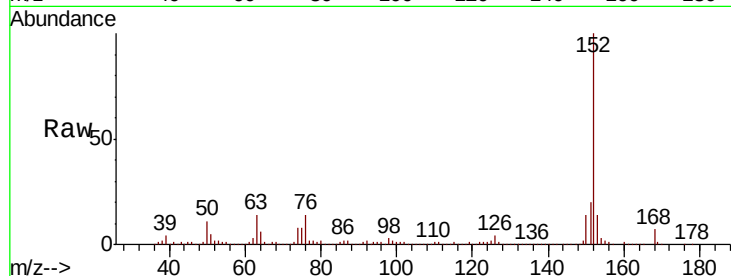
Tgt Ion:152 Resp: 514444

Ion Ratio Lower Upper

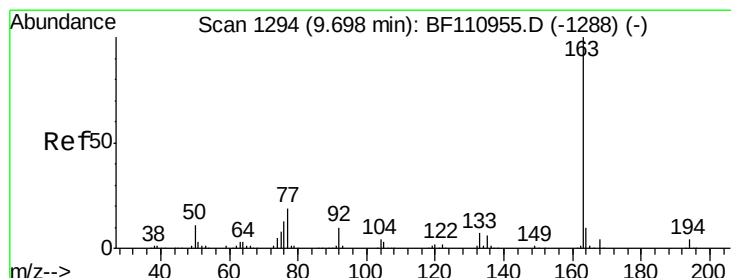
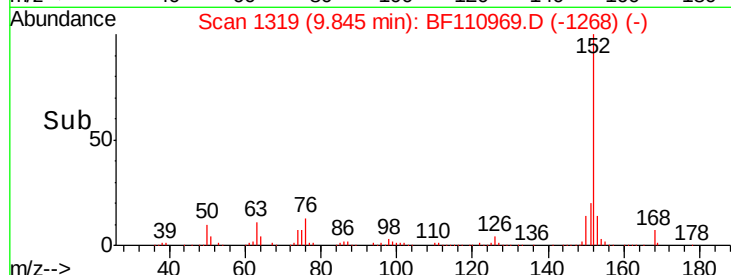
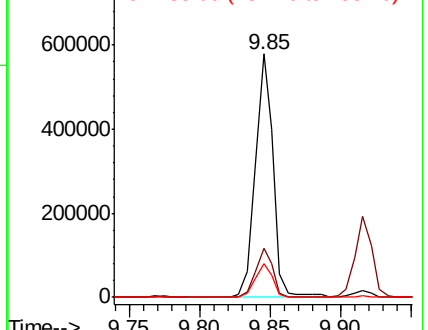
152 100

151 20.3 15.8 23.8

153 14.0 10.4 15.6



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



#50

Dimethylphthalate

Concen: 42.511 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

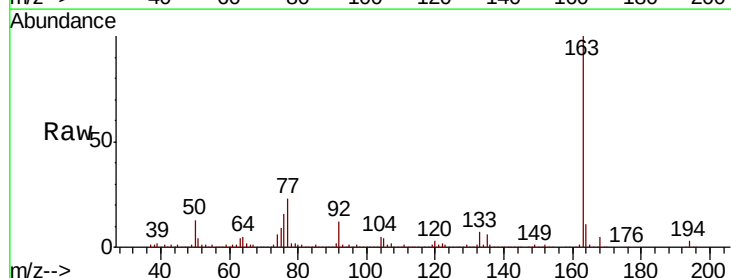
Tgt Ion:163 Resp: 415935

Ion Ratio Lower Upper

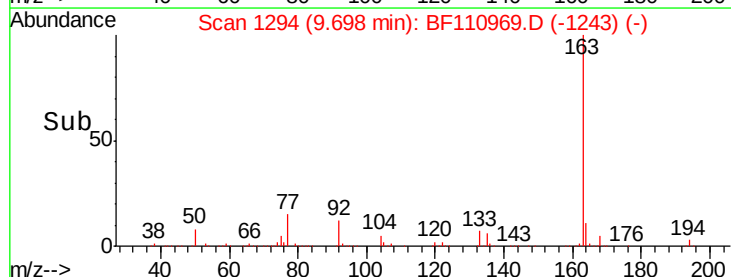
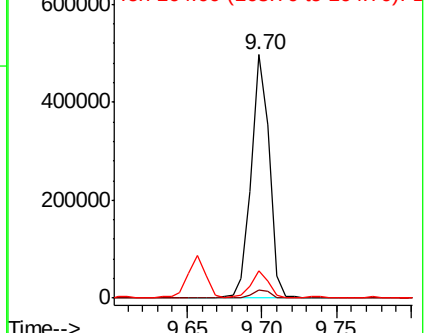
163 100

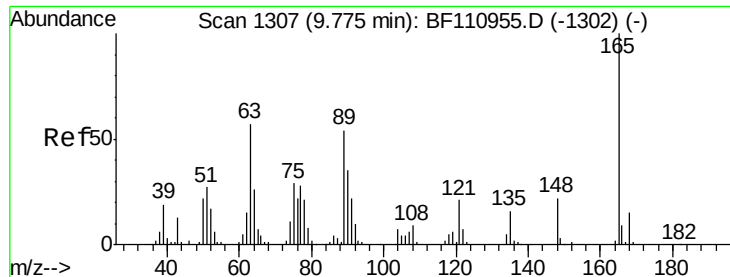
194 3.5 3.2 4.8

164 11.0 8.1 12.1



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





#51

2,6-Dinitrotoluene

Concen: 40.898 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Instrument :

BNA_F

ClientSampleId :

DTW-03MS

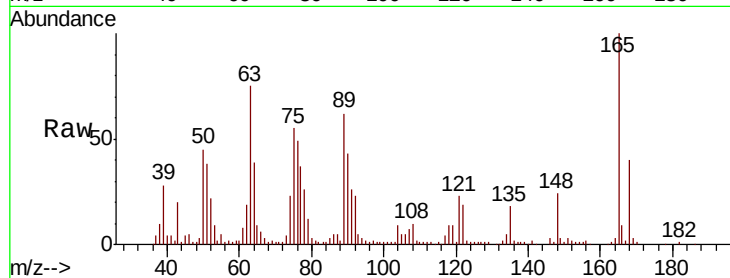
Tgt Ion:165 Resp: 89082

Ion Ratio Lower Upper

165 100

63 75.5 48.9 73.3#

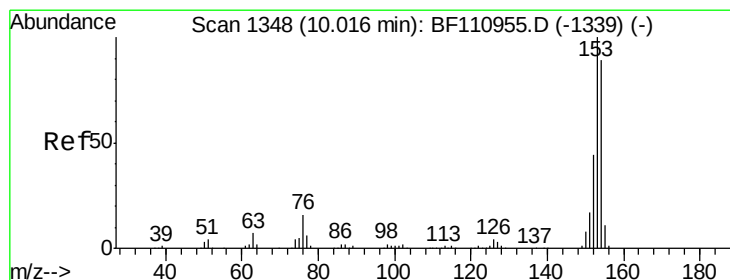
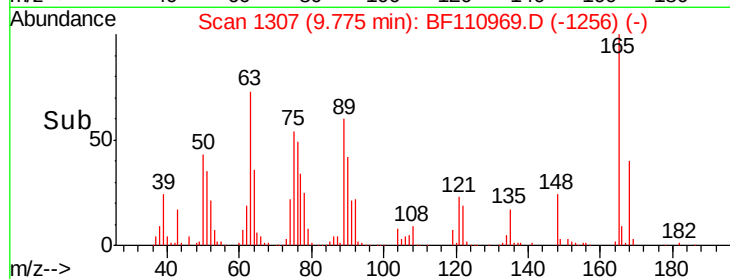
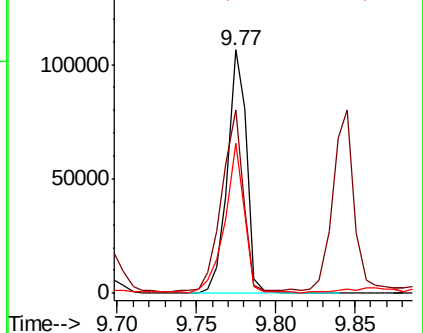
89 61.6 46.6 69.8



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



#52

Acenaphthene

Concen: 41.054 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

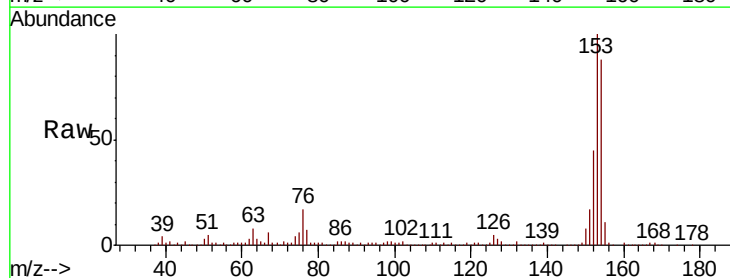
Tgt Ion:154 Resp: 333742

Ion Ratio Lower Upper

154 100

153 113.2 90.1 135.1

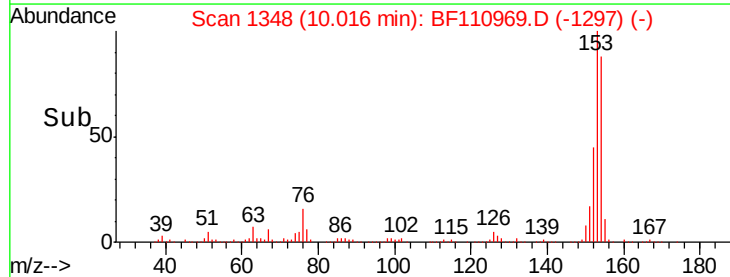
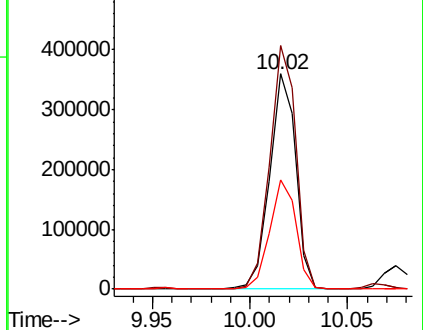
152 51.0 43.4 65.2

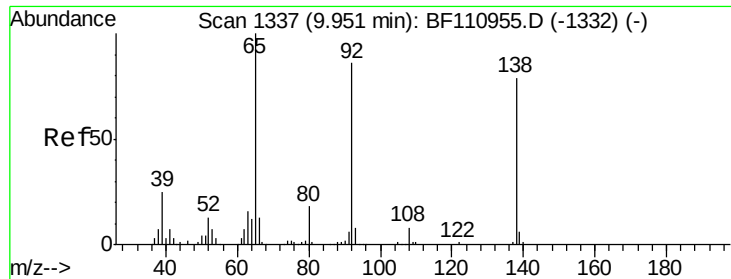


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

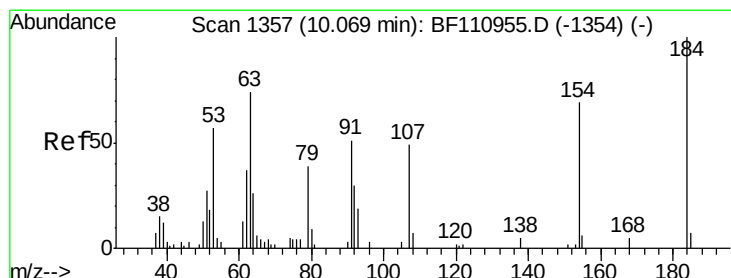
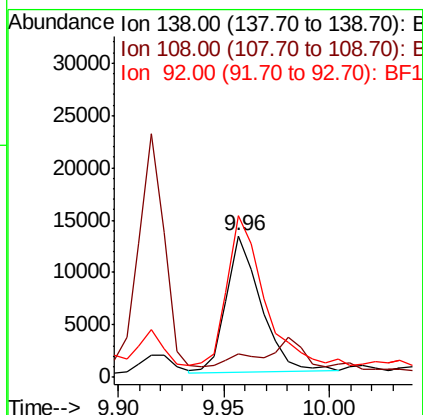
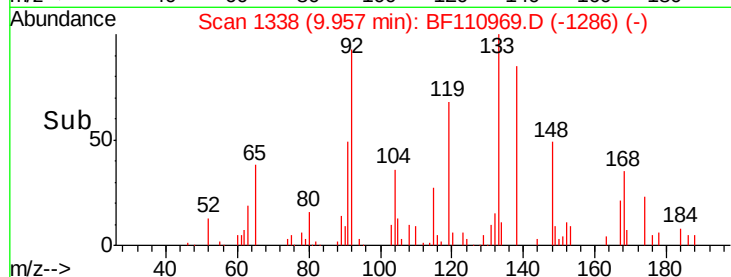
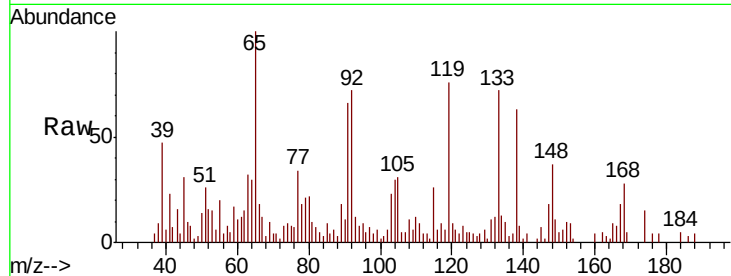




#53
3-Nitroaniline
Concen: 5.818 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

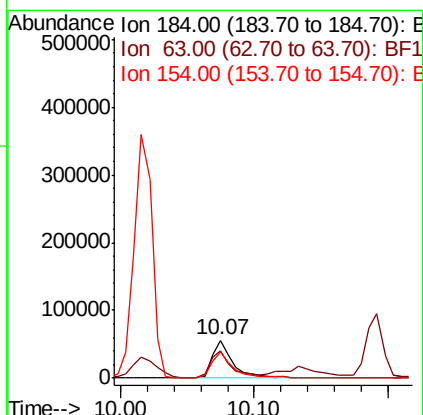
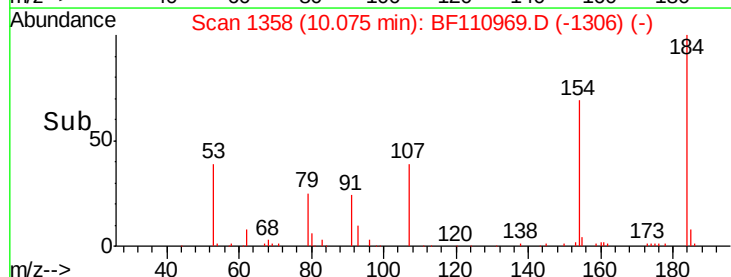
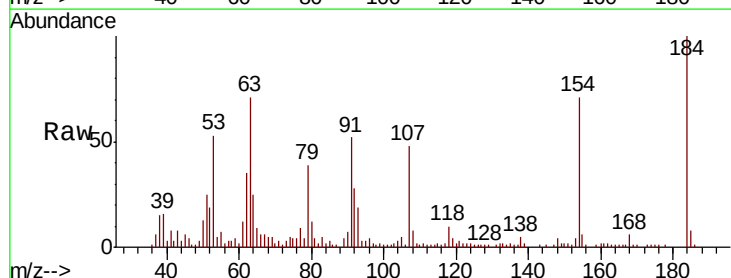
Instrument :
BNA_F
ClientSampleId :
DTW-03MS

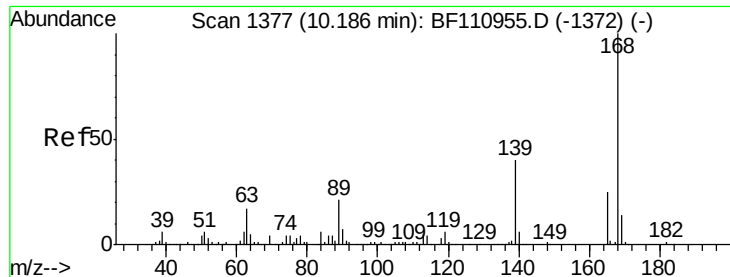
Tgt Ion:138 Resp: 14770
Ion Ratio Lower Upper
138 100
108 17.0 8.7 13.1#
92 114.5 97.0 145.4



#54
2,4-Dinitrophenol
Concen: 78.774 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion:184 Resp: 60576
Ion Ratio Lower Upper
184 100
63 71.2 55.8 83.6
154 70.8 63.2 94.8

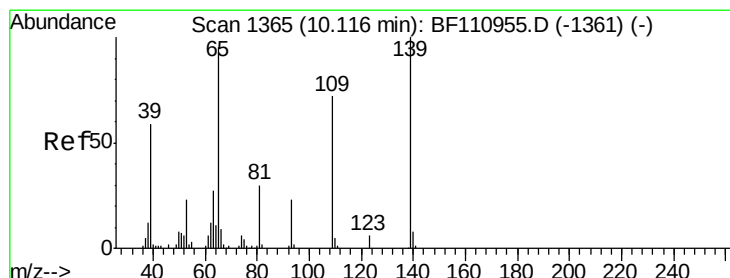
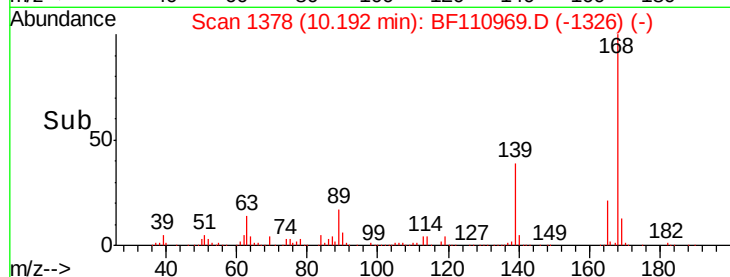
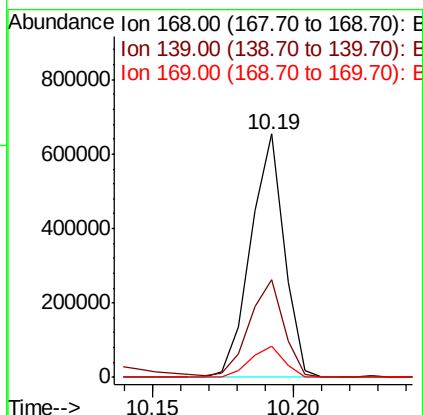
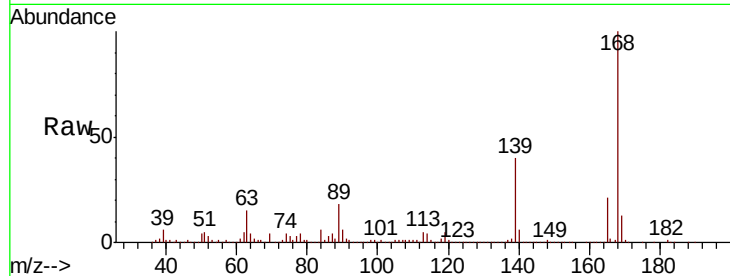




#55
Dibenzenofuran
Concen: 45.429 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

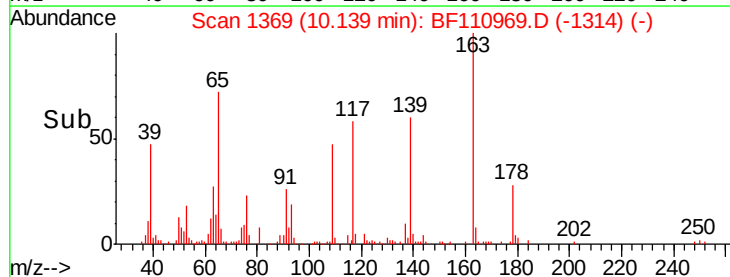
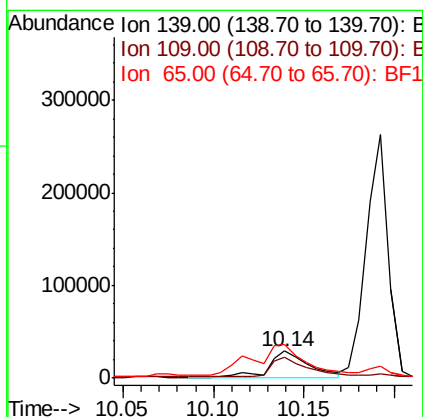
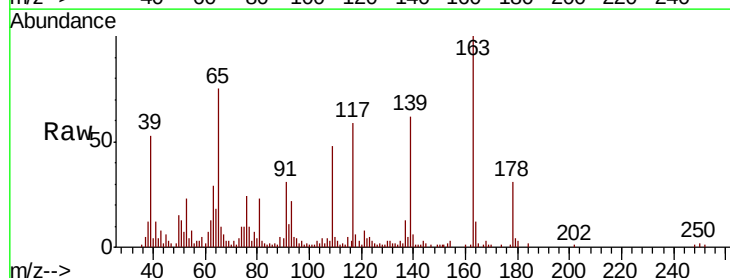
Instrument :
BNA_F
ClientSampleId :
DTW-03MS

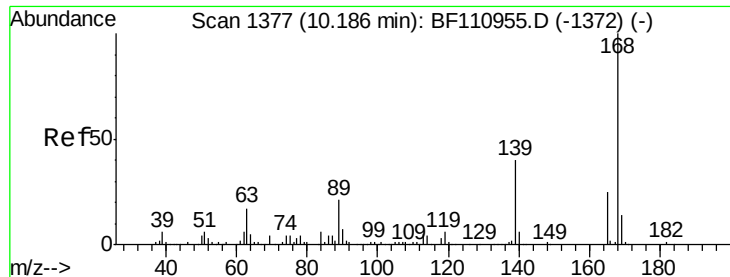
Tgt Ion:168 Resp: 538775
Ion Ratio Lower Upper
168 100
139 40.2 33.0 49.6
169 12.9 11.3 16.9



#56
4-Nitrophenol
Concen: 34.060 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.02 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion:139 Resp: 44441
Ion Ratio Lower Upper
139 100
109 77.9 55.8 95.8
65 121.5 77.9 117.9#

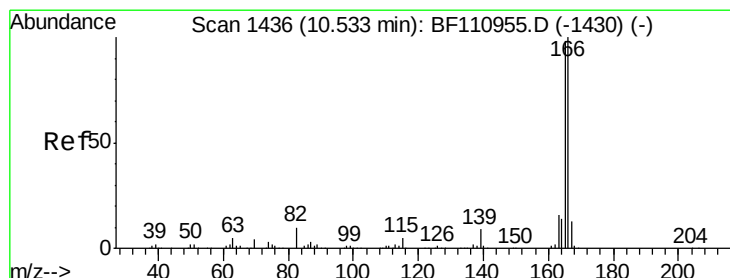
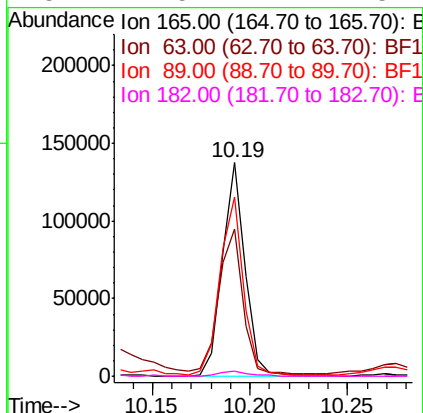
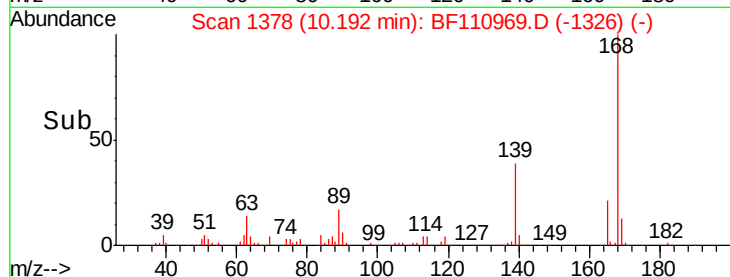
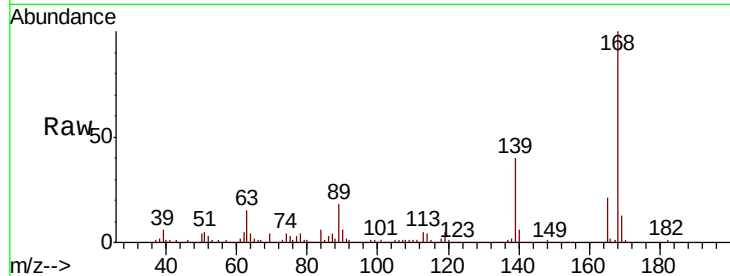




#57
2,4-Dinitrotoluene
Concen: 39.452 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

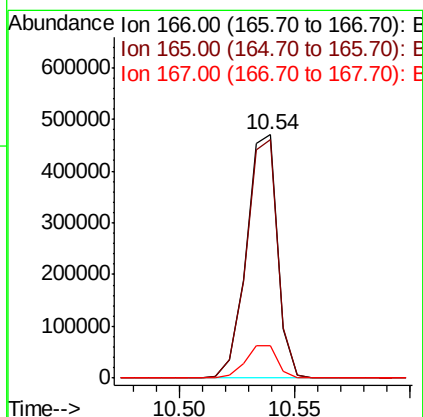
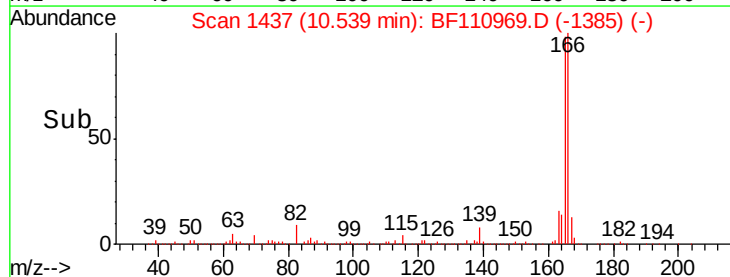
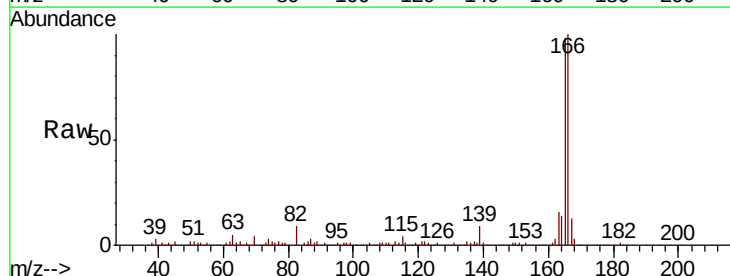
Instrument :
BNA_F
ClientSampleId :
DTW-03MS

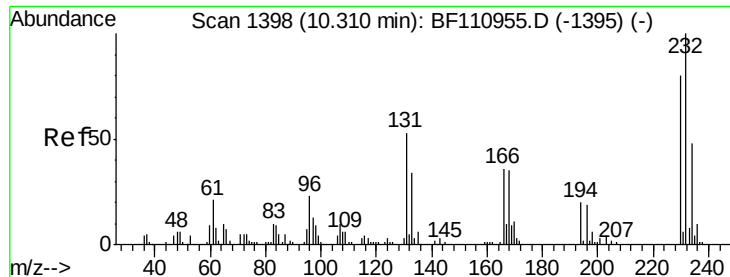
Tgt Ion:165 Resp: 111490
Ion Ratio Lower Upper
165 100
63 69.0 44.8 67.2#
89 83.8 62.2 93.4
182 2.5 2.1 3.1



#58
Fluorene
Concen: 48.042 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion:166 Resp: 443289
Ion Ratio Lower Upper
166 100
165 98.0 78.6 117.8
167 13.1 10.8 16.2

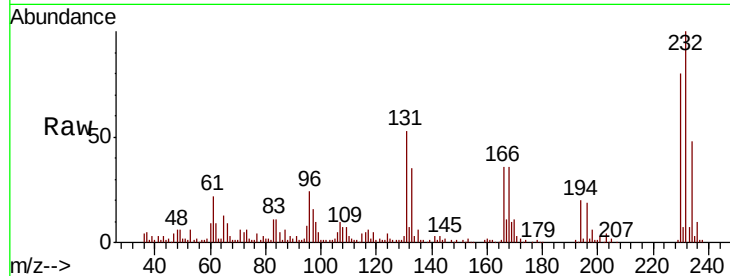




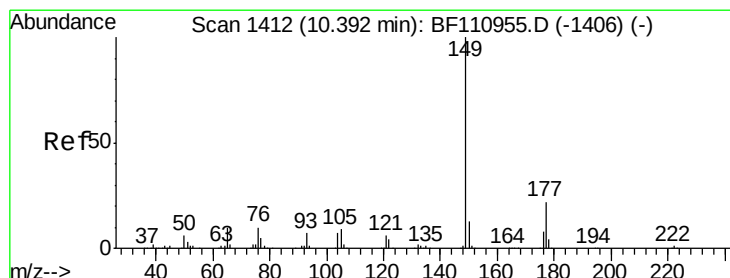
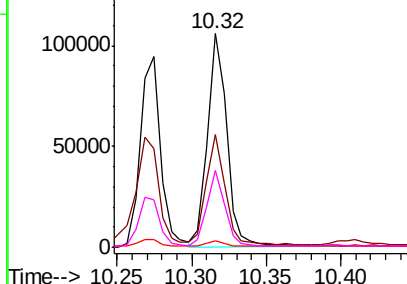
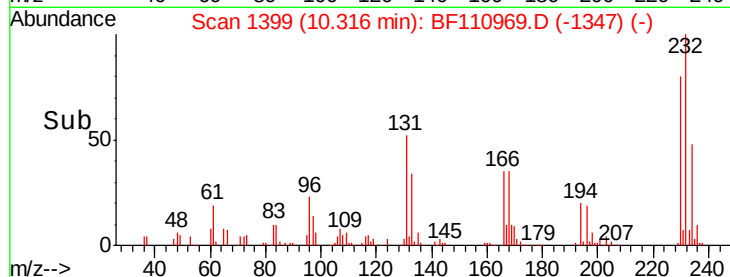
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.004 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MS

Tgt Ion: 232 Resp: 95309
 Ion Ratio Lower Upper
 232 100
 131 52.2 37.0 55.4
 130 2.8 1.8 2.6#
 166 33.5 22.0 33.0#

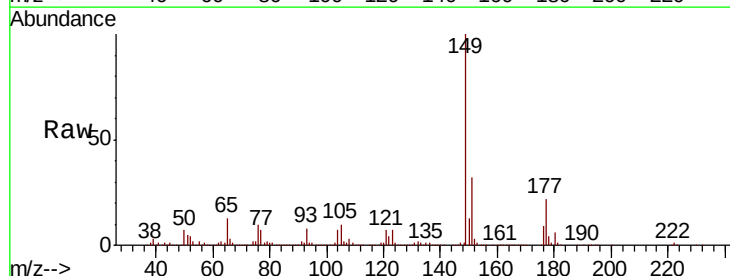


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

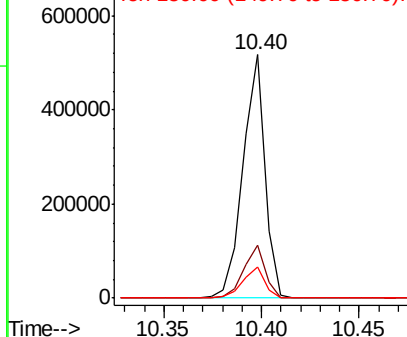
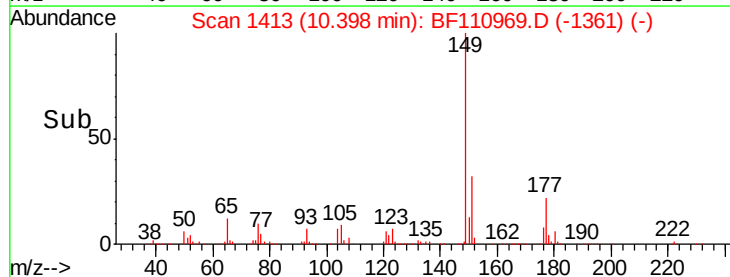


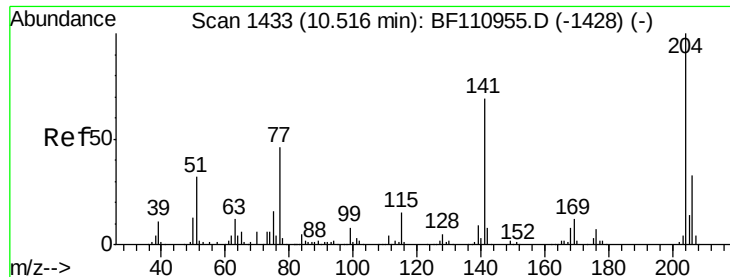
#60
 Diethylphthalate
 Concen: 39.828 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Tgt Ion: 149 Resp: 401855
 Ion Ratio Lower Upper
 149 100
 177 21.9 17.4 26.2
 150 12.8 9.8 14.8



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

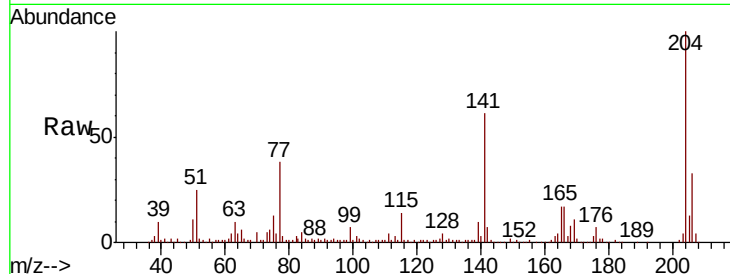




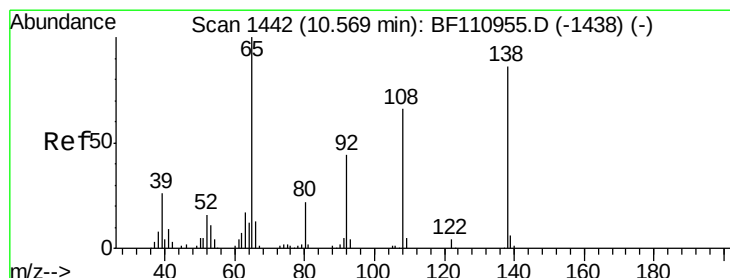
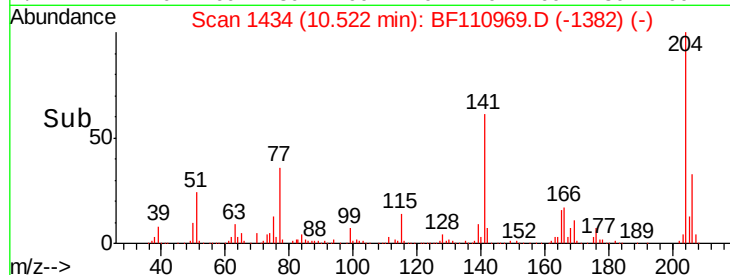
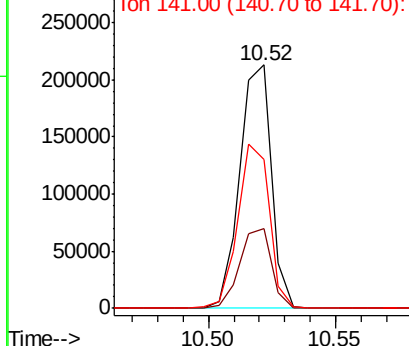
#61
 4-Chlorophenyl-phenylether
 Concen: 38.229 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MS

Tgt Ion:204 Resp: 184506
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.5 39.7
 141 61.4 51.8 77.8

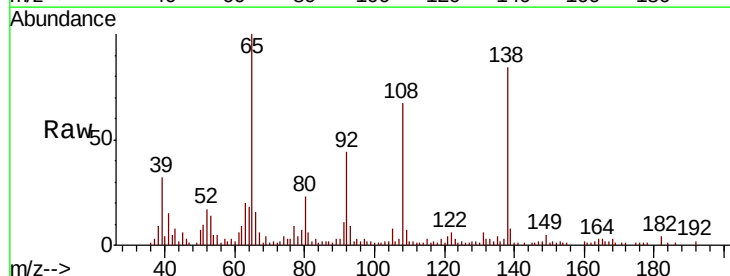


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

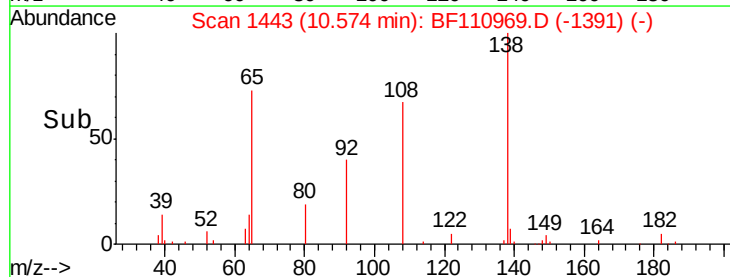
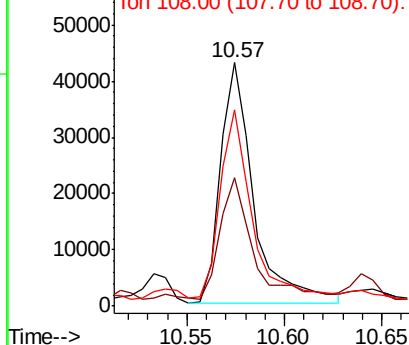


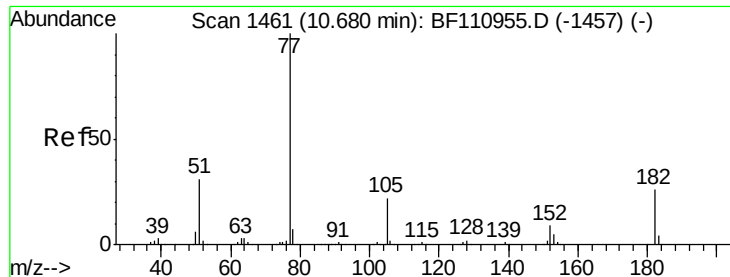
#62
 4-Nitroaniline
 Concen: 21.637 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Tgt Ion:138 Resp: 51145
 Ion Ratio Lower Upper
 138 100
 92 52.8 31.7 71.7
 108 80.5 59.3 99.3



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E

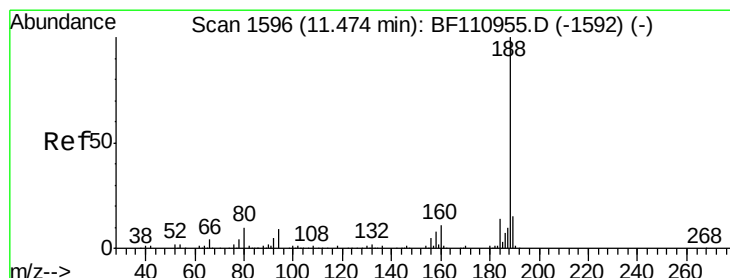
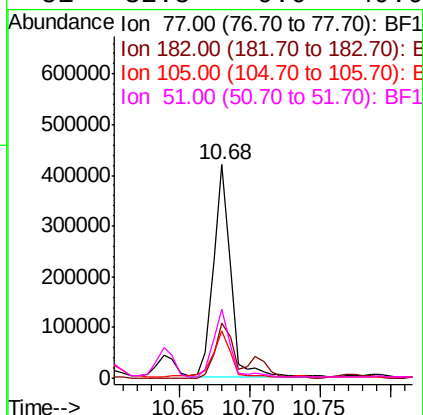
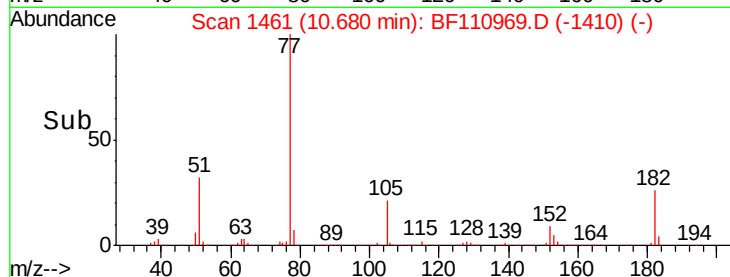
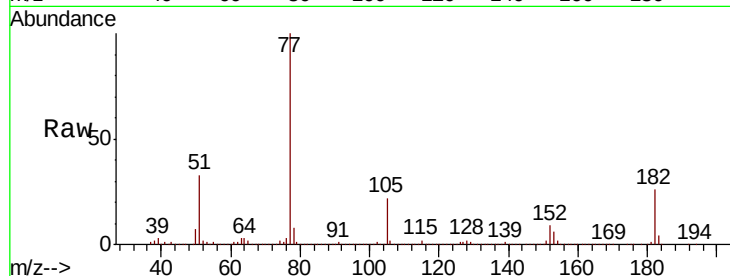




#63
Azobenzene
Concen: 35.354 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

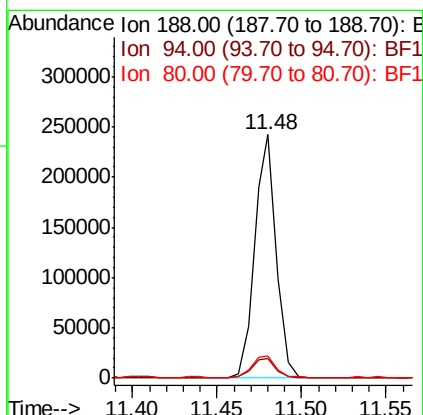
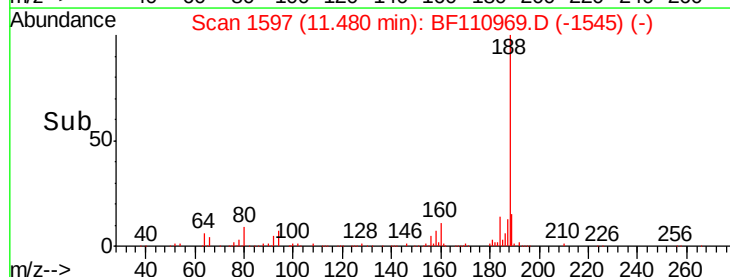
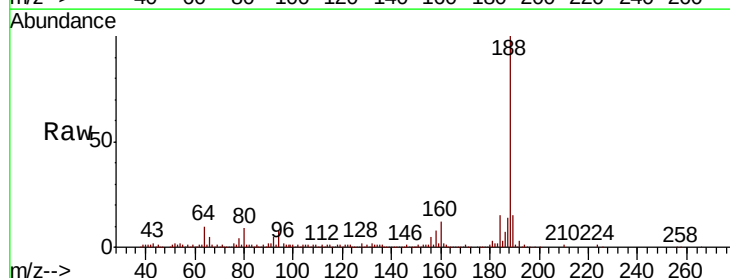
Instrument :
BNA_F
ClientSampleId :
DTW-03MS

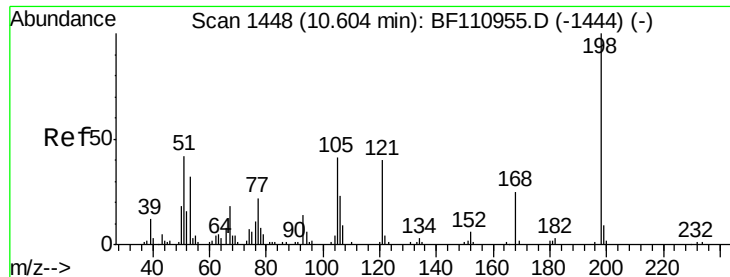
Tgt Ion:	77	Resp:	347687
Ion	Ratio	Lower	Upper
77	100		
182	25.9	4.3	44.3
105	22.0	1.3	41.3
51	32.5	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion:	188	Resp:	214243
Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.2	10.8
80	9.2	7.9	11.9

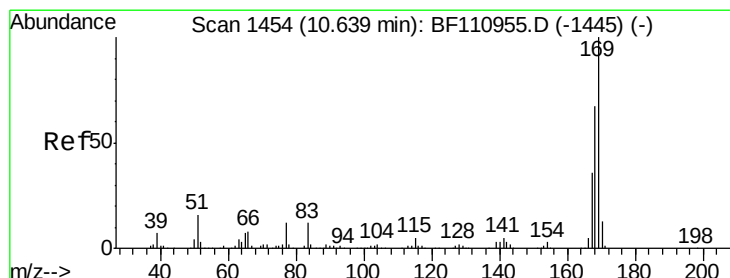
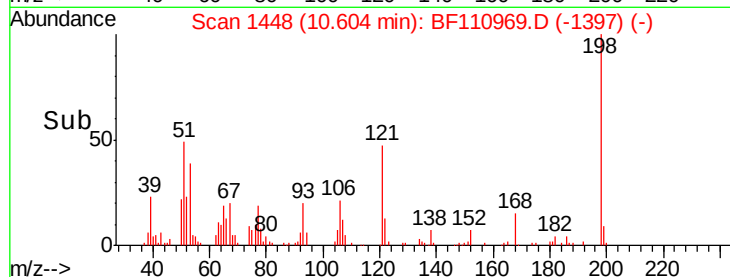
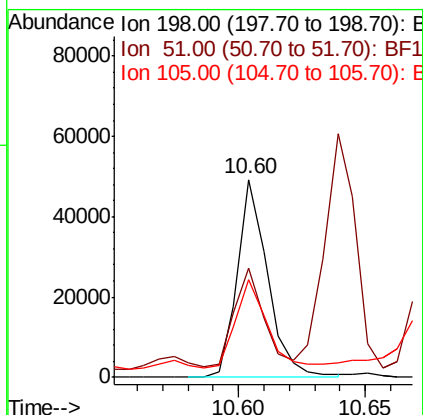
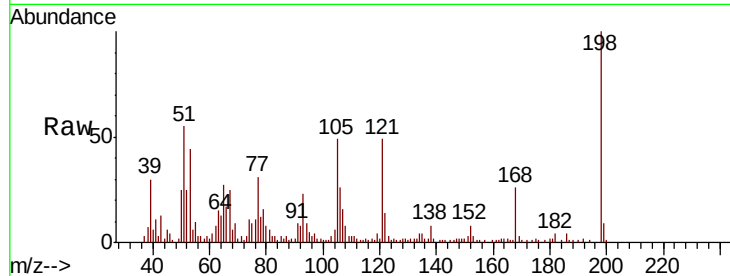




#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.554 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

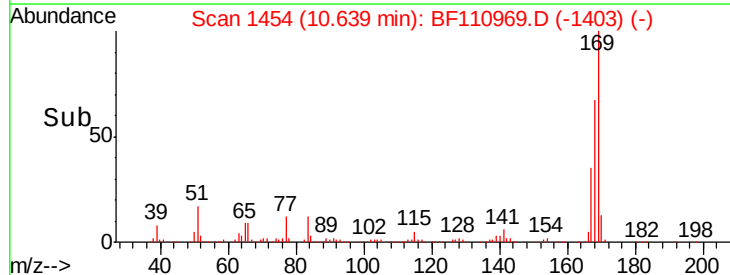
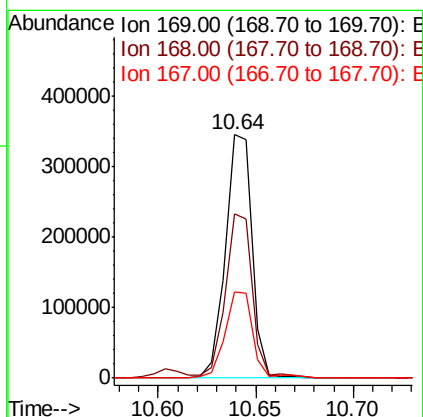
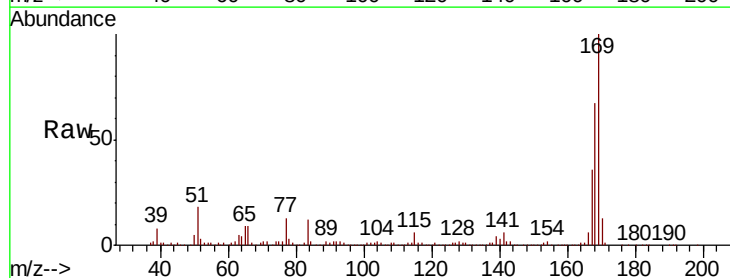
Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MS

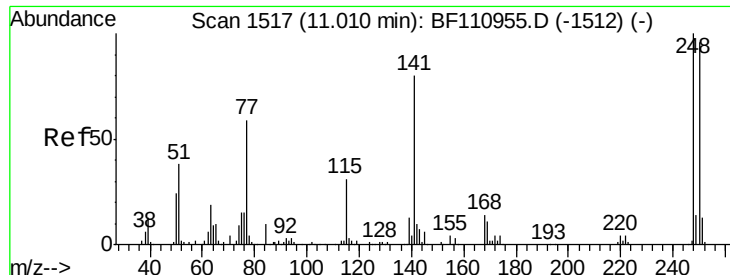
Tgt Ion	Resp	Lower	Upper
198	41099		
51	55.3	22.8	62.8
105	49.4	23.6	63.6



#66
 n-Nitrosodiphenylamine
 Concen: 45.524 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Tgt Ion	Resp	Lower	Upper
169	324680		
168	67.2	51.2	76.8
167	35.6	27.8	41.6

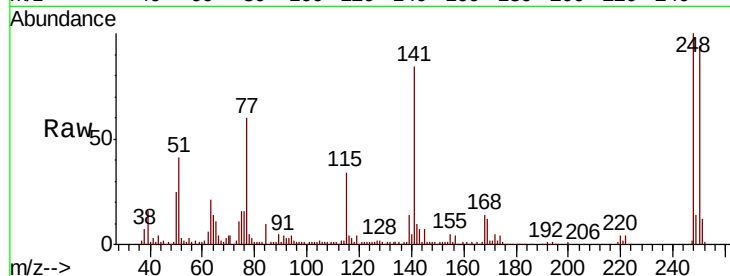




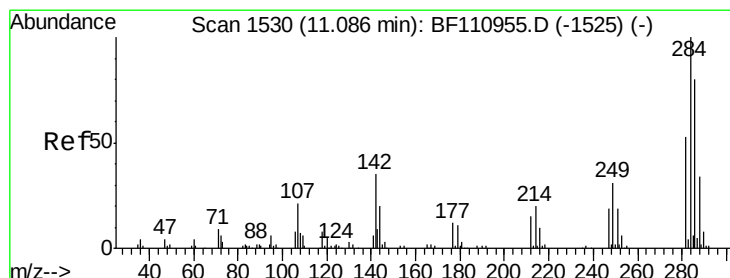
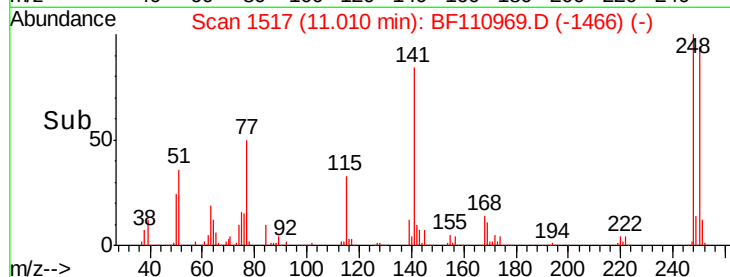
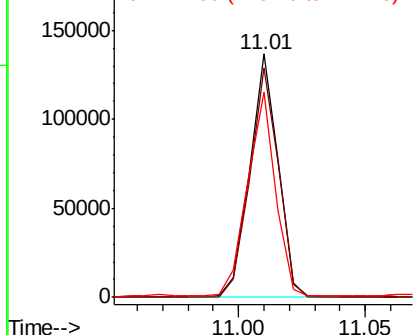
#67
4-Bromophenyl-phenylether
Concen: 45.561 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Instrument :
BNA_F
ClientSampleId :
DTW-03MS

Tgt Ion: 248 Resp: 106308
Ion Ratio Lower Upper
248 100
250 94.4 79.4 119.2
141 84.5 55.9 83.9#

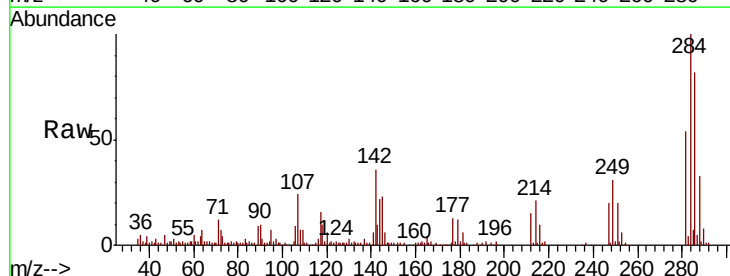


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

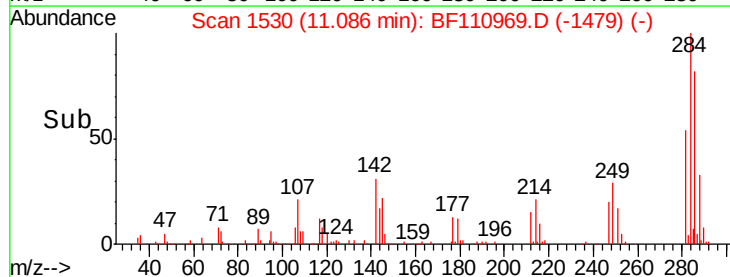
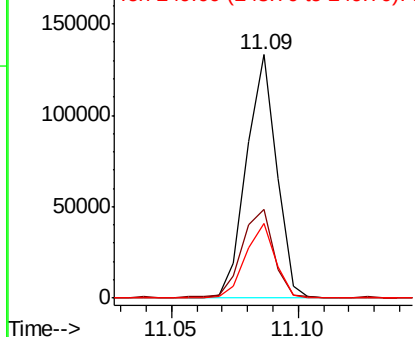


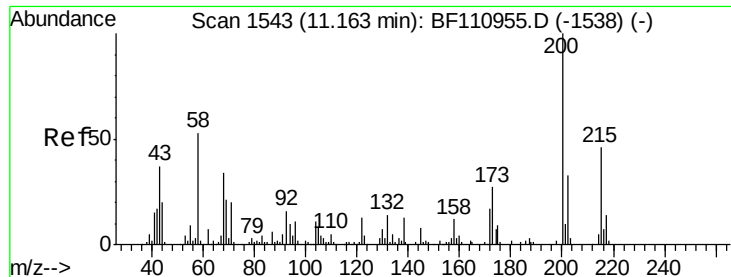
#68
Hexachlorobenzene
Concen: 44.206 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion: 284 Resp: 109863
Ion Ratio Lower Upper
284 100
142 36.3 23.9 35.9#
249 30.7 24.2 36.2



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





#69

Atrazine

Concen: 9.891 ng

RT: 11.18 min Scan# 1546

Delta R.T. 0.02 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Instrument :

BNA_F

ClientSampleId :

DTW-03MS

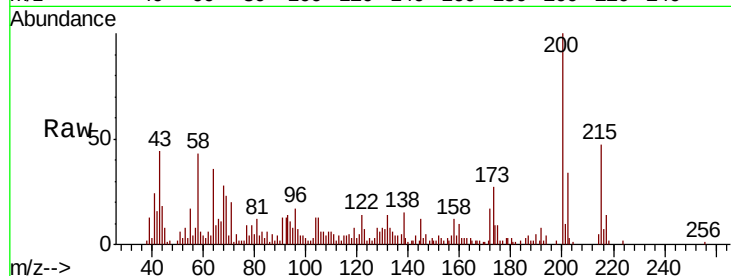
Tgt Ion:200 Resp: 23437

Ion Ratio Lower Upper

200 100

173 26.6 6.6 46.6

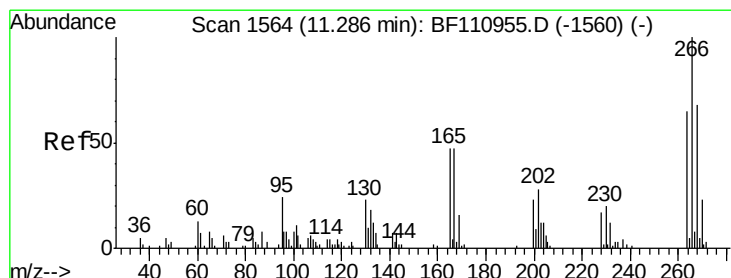
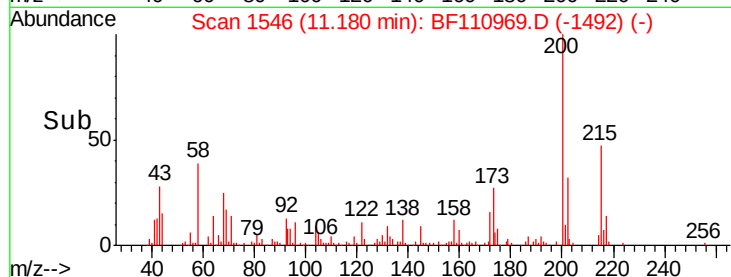
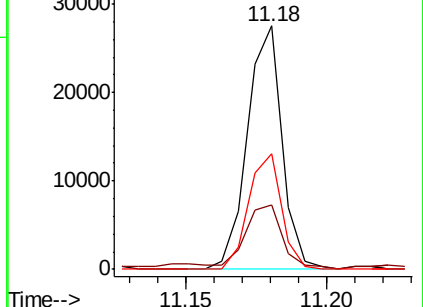
215 47.3 26.3 66.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 108.777 ng

RT: 11.29 min Scan# 1565

Delta R.T. 0.01 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

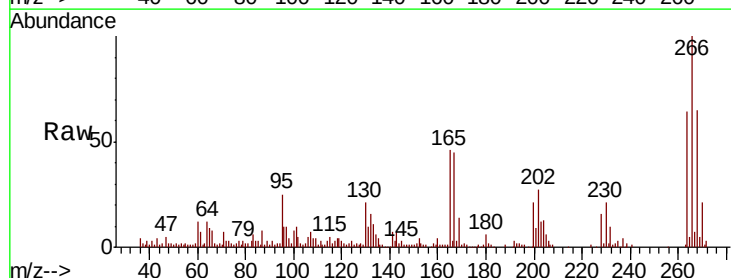
Tgt Ion:266 Resp: 107555

Ion Ratio Lower Upper

266 100

268 65.3 50.6 75.8

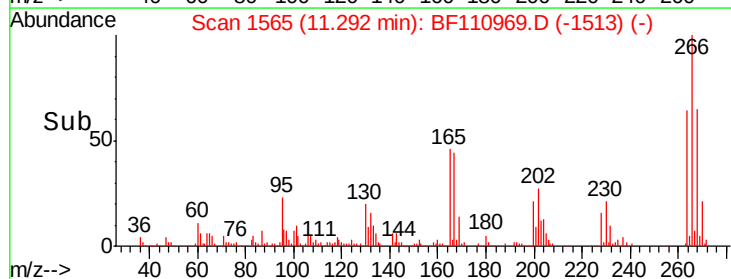
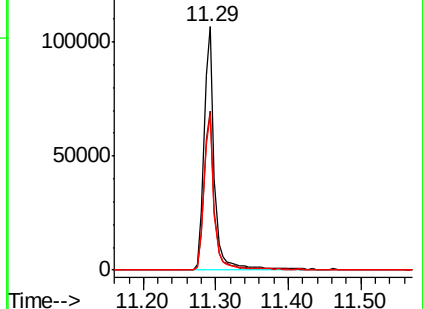
264 63.9 50.6 75.8

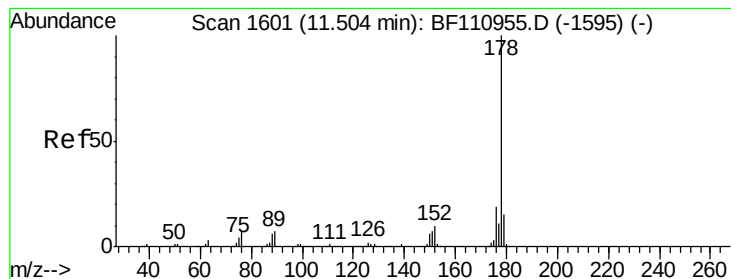


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 61.871 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Instrument :

BNA_F

ClientSampleId :

DTW-03MS

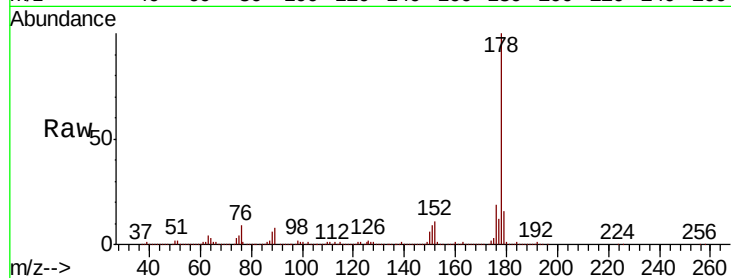
Tgt Ion:178 Resp: 702047

Ion Ratio Lower Upper

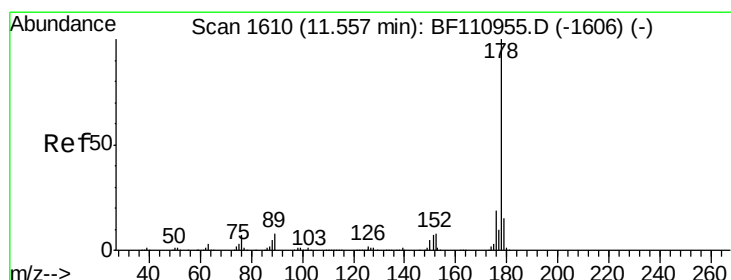
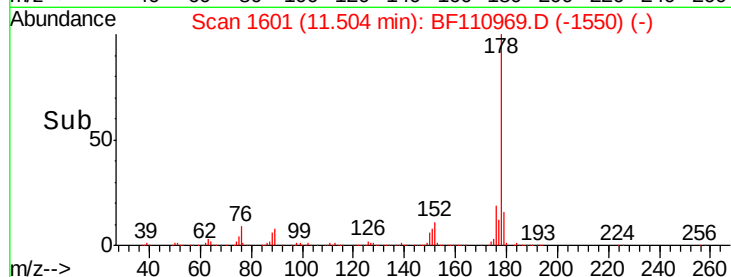
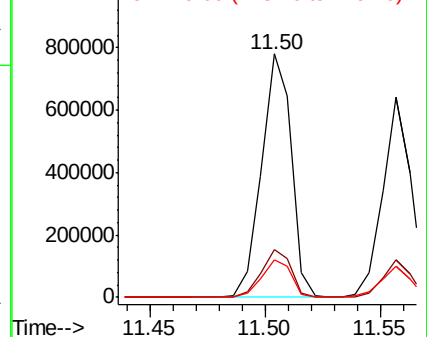
178 100

176 19.4 15.5 23.3

179 15.6 12.5 18.7



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



#72

Anthracene

Concen: 46.529 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

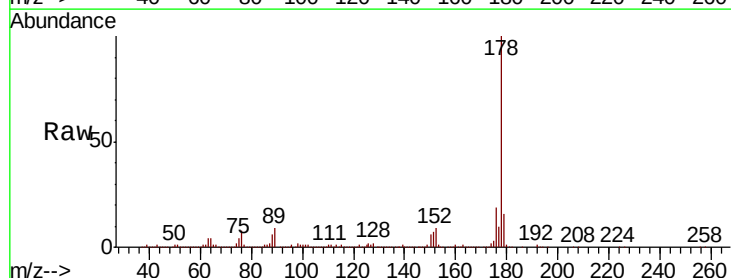
Tgt Ion:178 Resp: 537672

Ion Ratio Lower Upper

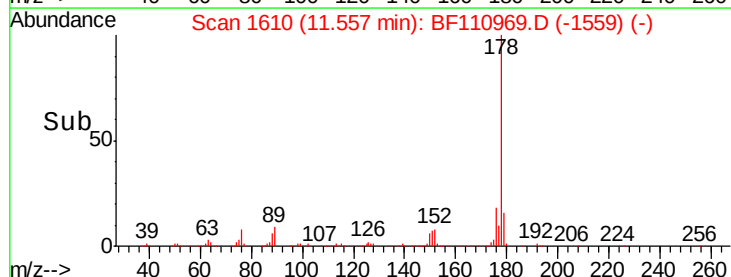
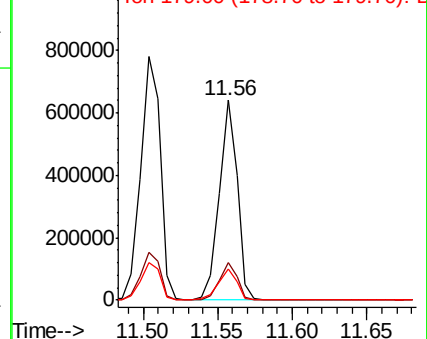
178 100

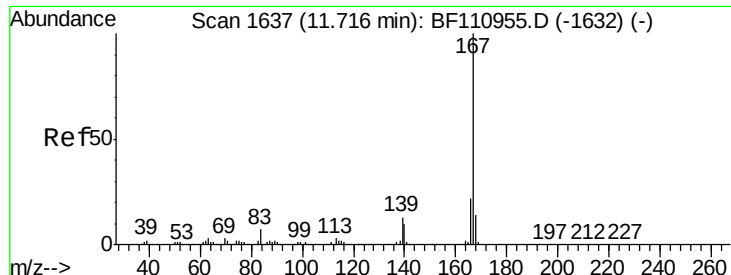
176 18.5 15.4 23.2

179 15.8 12.6 18.8



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

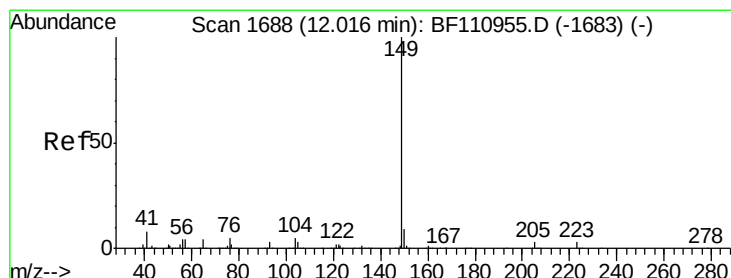
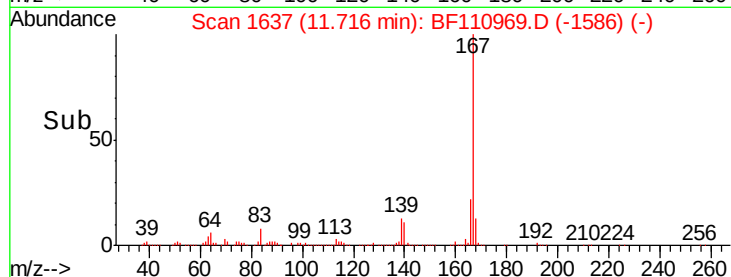
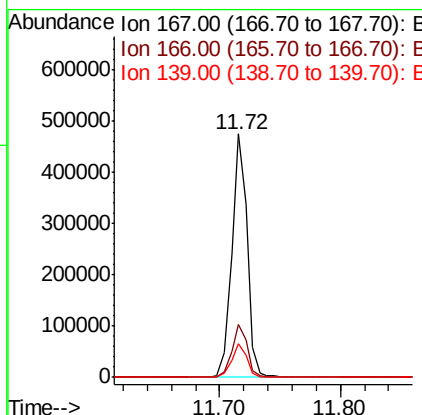
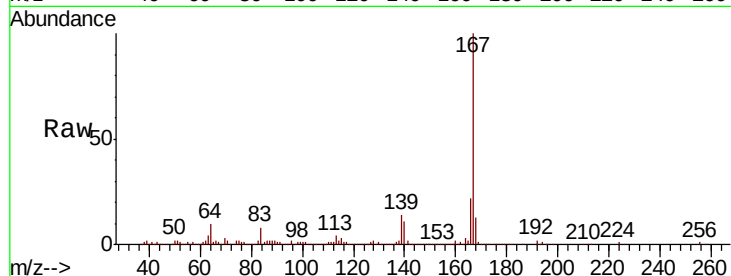




#73
 Carbazole
 Concen: 37.163 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

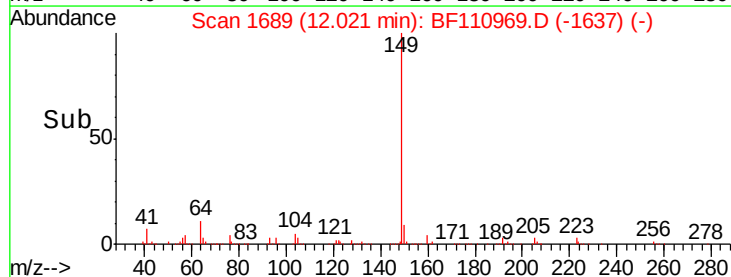
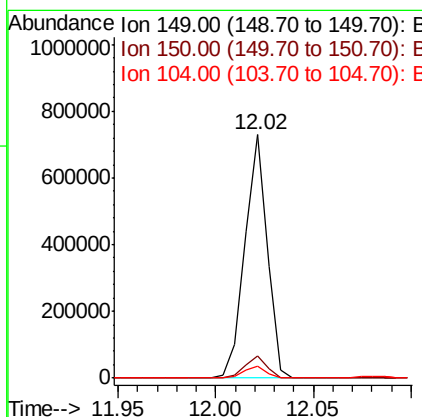
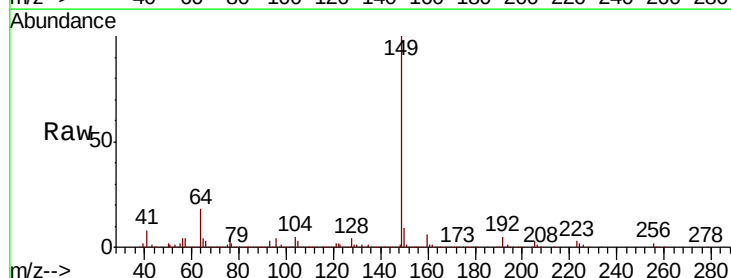
Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MS

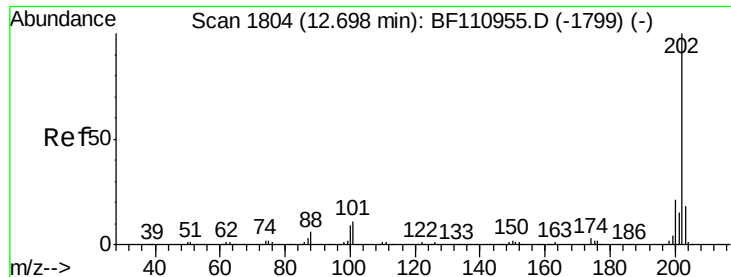
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	13.7	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 44.080 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. 0.01 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.7	11.5
104	4.9	4.2	6.4

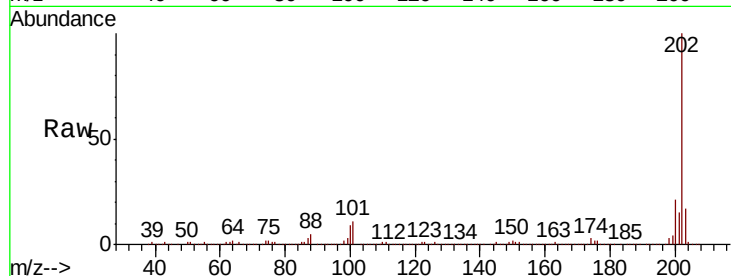




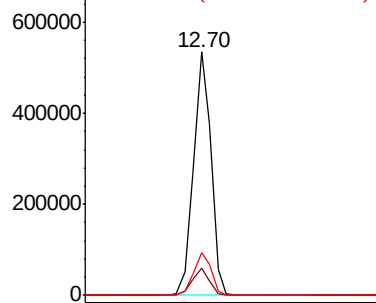
#75
 Fluoranthene
 Concen: 39.254 ng
 RT: 12.70 min Scan# 1805
 Delta R.T. 0.01 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MS

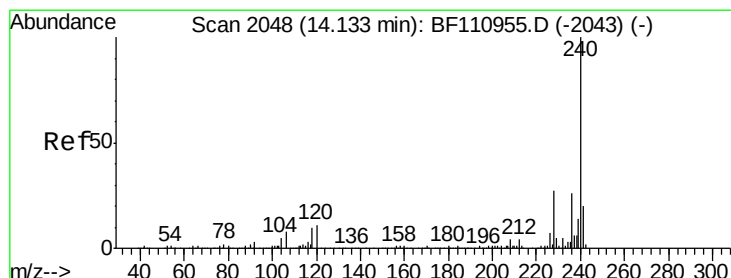
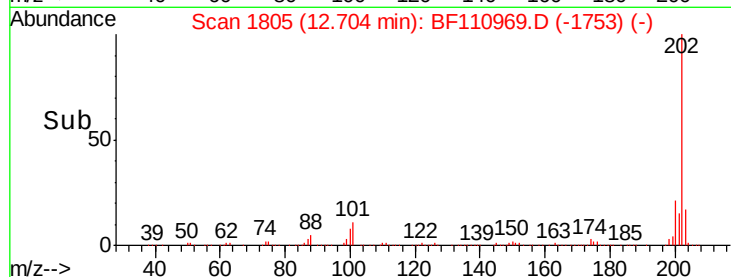
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.4
203	17.3	0.0	37.7



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

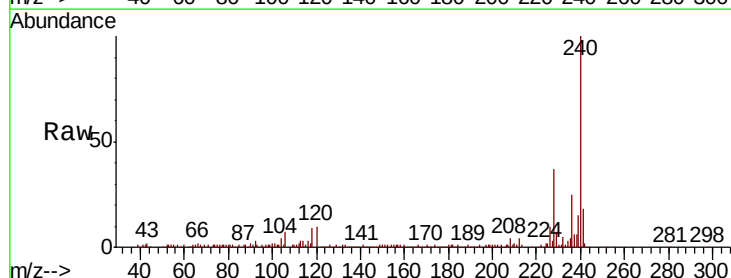


Time-->

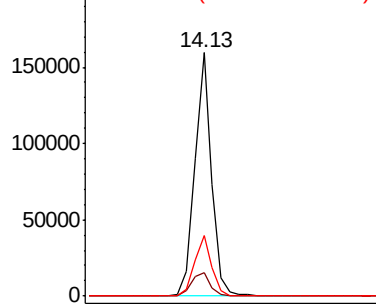


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

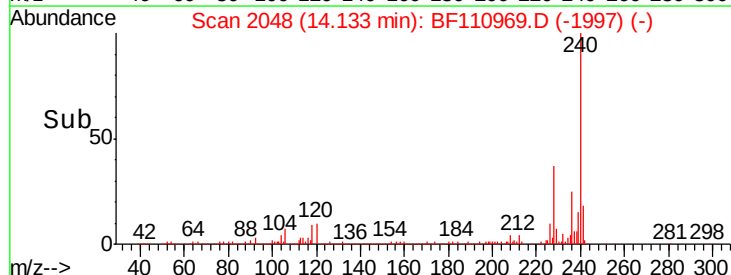
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.3	12.5
236	25.0	21.2	31.8

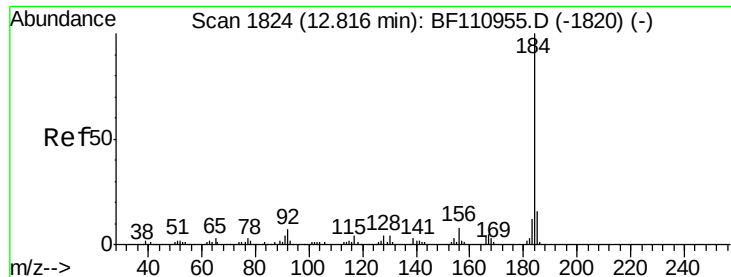


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 2.195 ng

RT: 13.06 min Scan# 1865

Delta R.T. 0.24 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Instrument :

BNA_F

ClientSampleId :

DTW-03MS

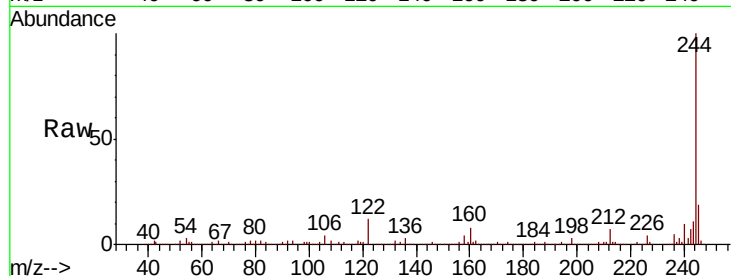
Tgt Ion:184 Resp: 7112

Ion Ratio Lower Upper

184 100

185 19.4 13.4 20.2

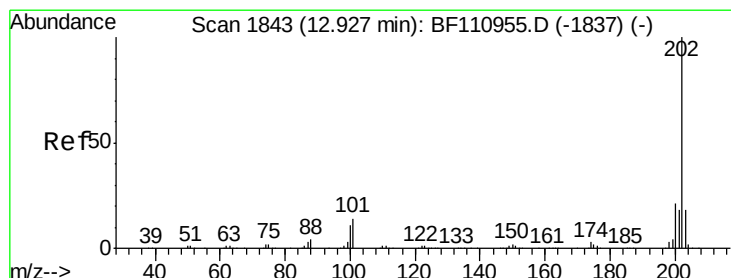
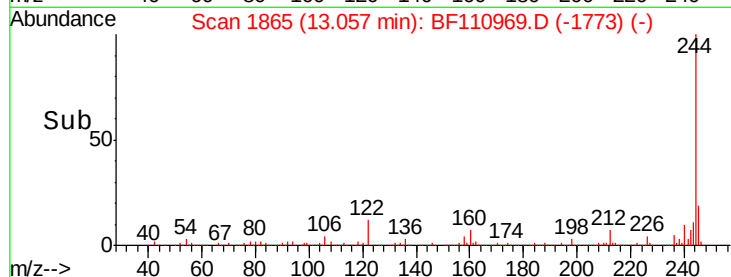
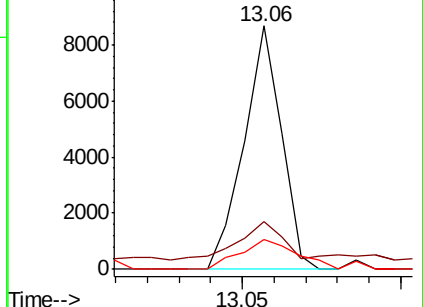
183 12.5 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.414 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.01 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

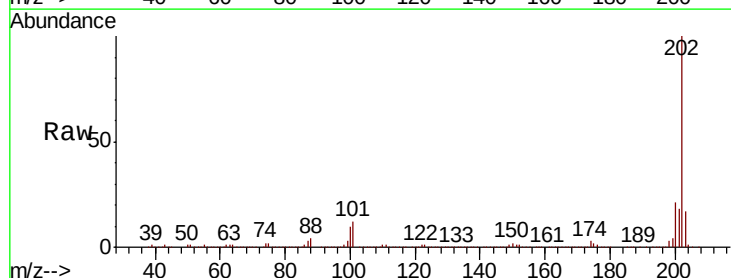
Tgt Ion:202 Resp: 438774

Ion Ratio Lower Upper

202 100

200 20.9 17.8 26.6

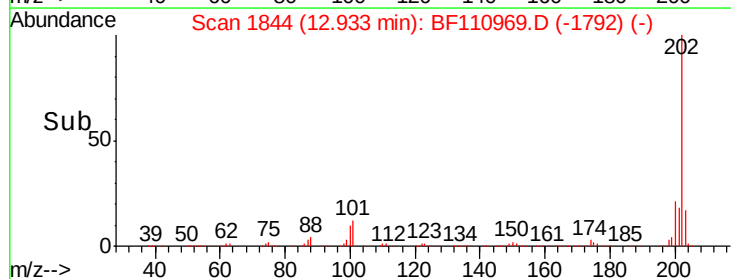
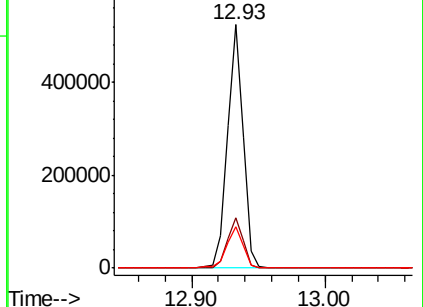
203 17.2 14.2 21.4

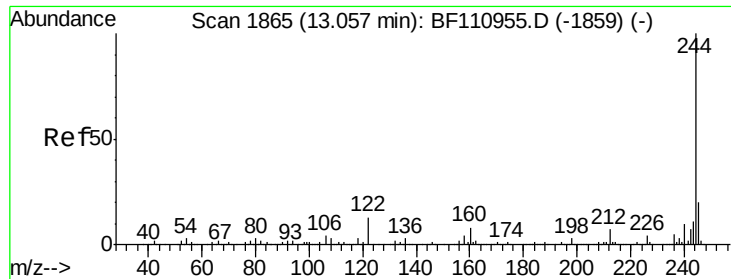


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.814 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Instrument :

BNA_F

ClientSampleId :

DTW-03MS

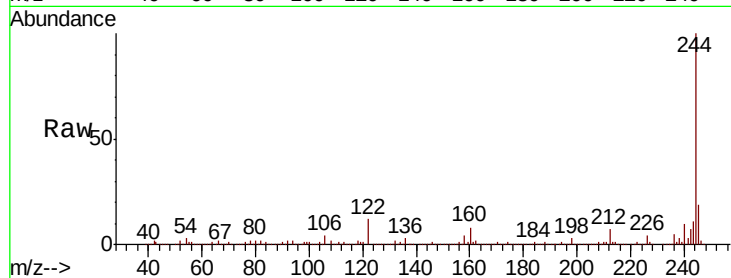
Tgt Ion:244 Resp: 506477

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

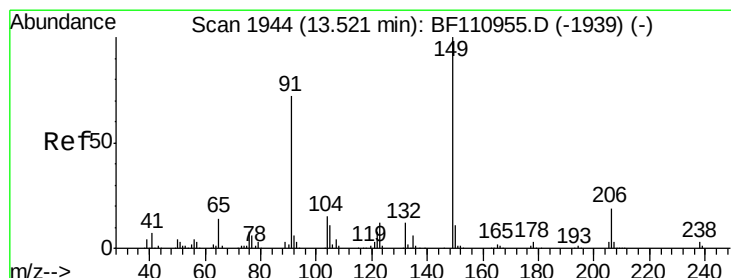
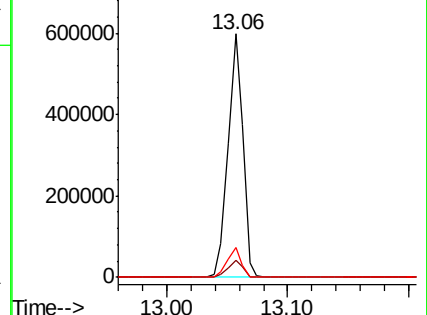
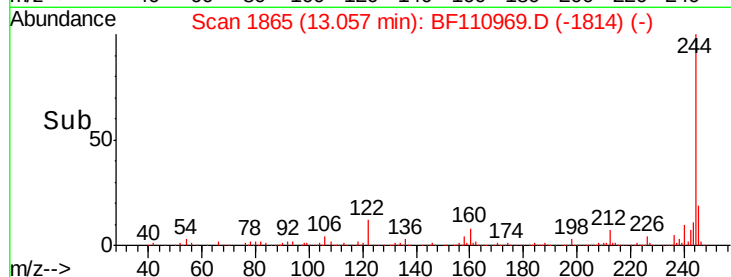
122 12.3 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.220 ng

RT: 13.52 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

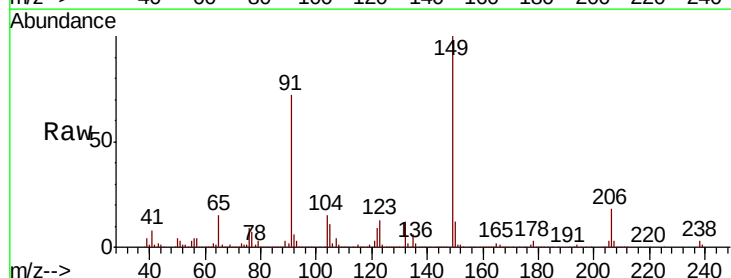
Tgt Ion:149 Resp: 188930

Ion Ratio Lower Upper

149 100

91 72.2 57.2 85.8

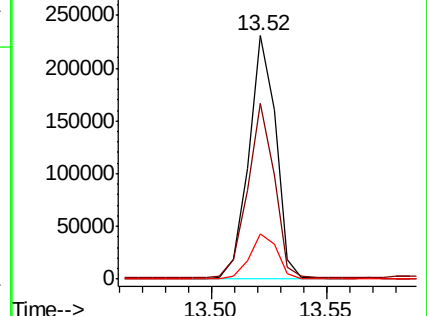
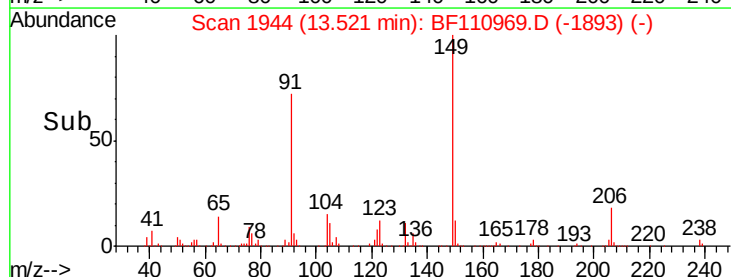
206 18.3 15.7 23.5

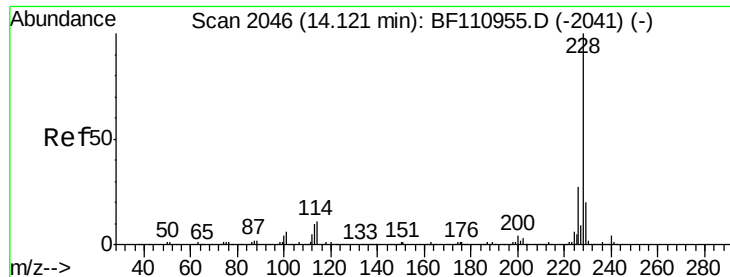


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.090 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Instrument :

BNA_F

ClientSampleId :

DTW-03MS

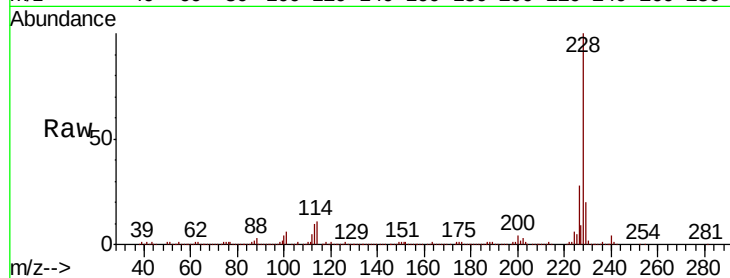
Tgt Ion:228 Resp: 337294

Ion Ratio Lower Upper

228 100

226 27.6 22.1 33.1

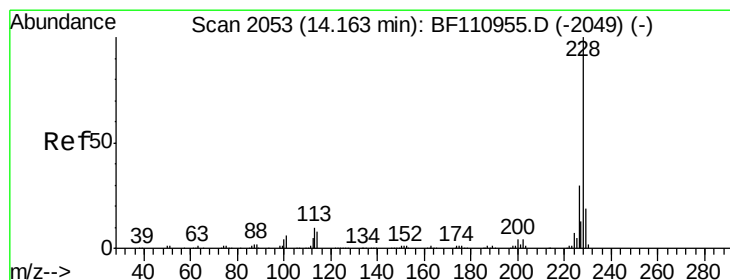
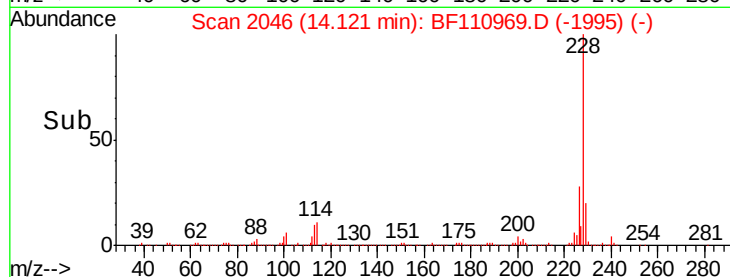
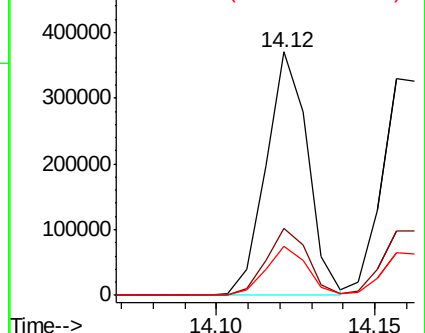
229 19.9 15.6 23.4



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

Chrysene

Concen: 44.221 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

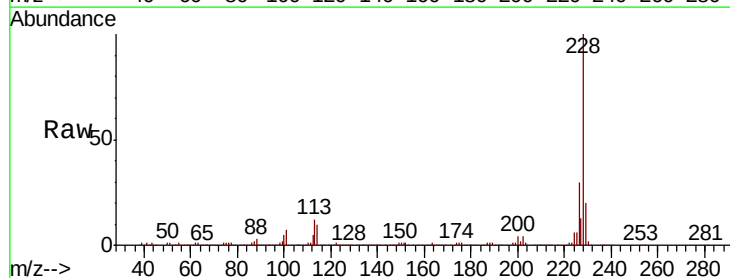
Tgt Ion:228 Resp: 325631

Ion Ratio Lower Upper

228 100

226 30.0 24.7 37.1

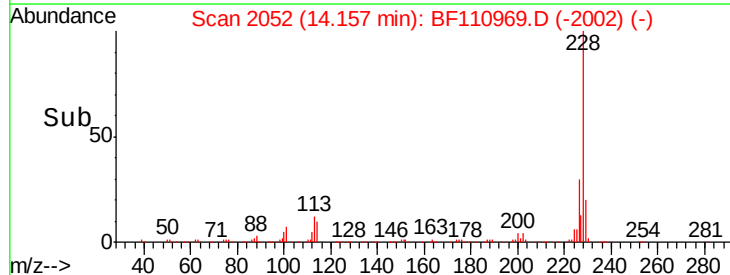
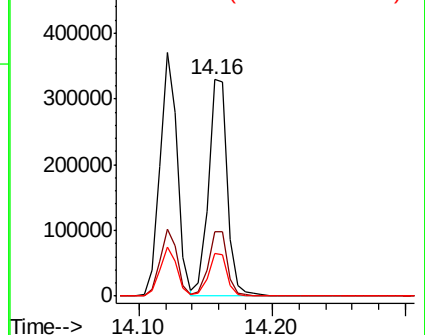
229 19.9 15.9 23.9

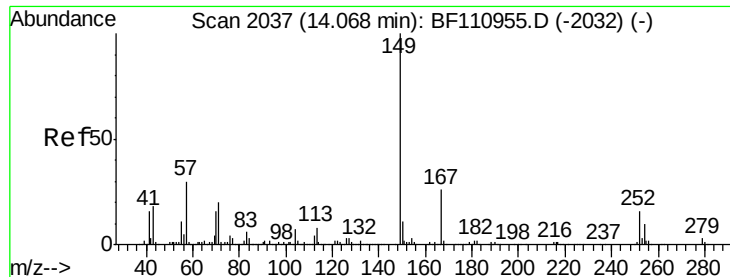


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 47.421 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Instrument :

BNA_F

ClientSampleId :

DTW-03MS

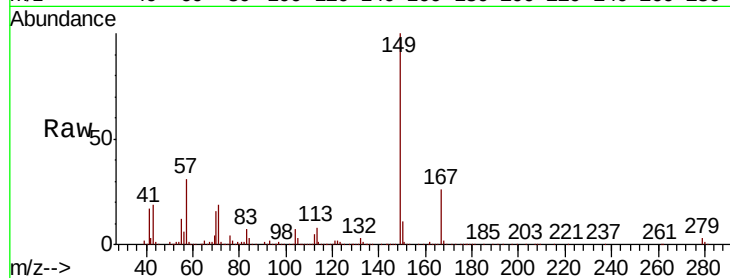
Tgt Ion:149 Resp: 263998

Ion Ratio Lower Upper

149 100

167 26.0 19.8 29.8

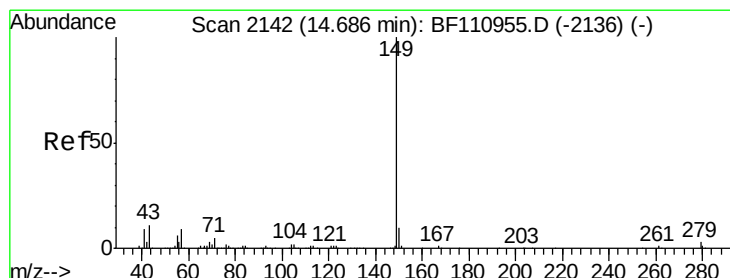
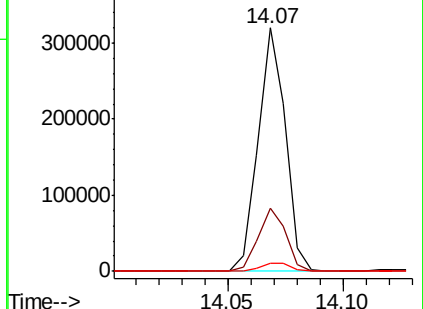
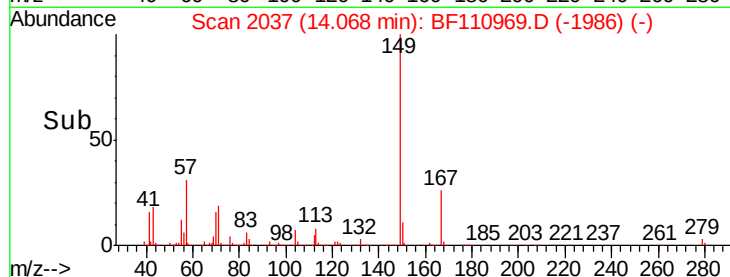
279 3.3 2.7 4.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 48.259 ng

RT: 14.69 min Scan# 2142

Delta R.T. -0.00 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

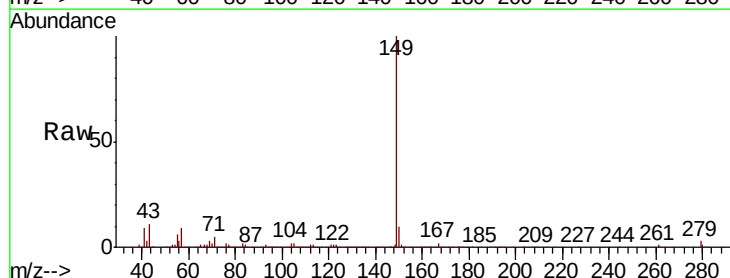
Tgt Ion:149 Resp: 424096

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7#

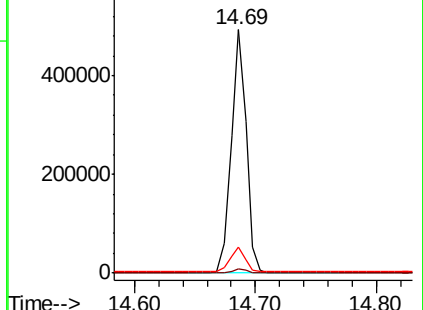
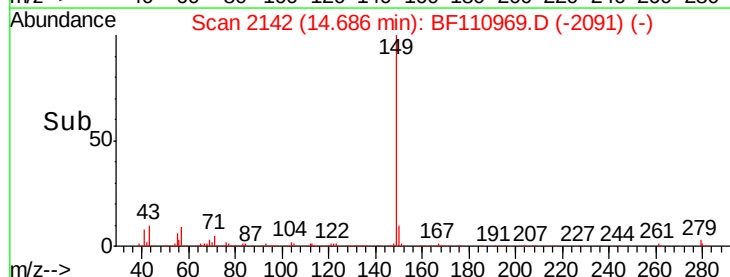
43 10.1 7.8 11.8

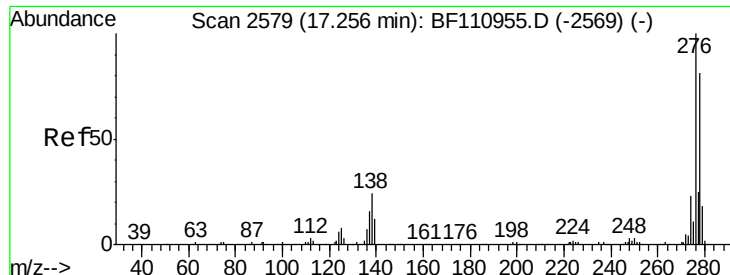


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#86

Indeno(1,2,3-cd)pyrene

Concen: 65.669 ng

RT: 17.26 min Scan# 2579

Delta R.T. -0.00 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Instrument :

BNA_F

ClientSampleId :

DTW-03MS

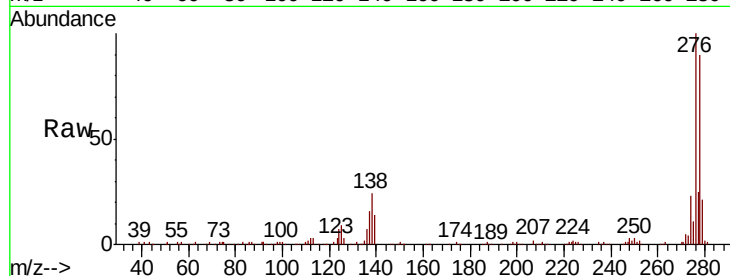
Tgt Ion:276 Resp: 347110

Ion Ratio Lower Upper

276 100

138 24.4 18.5 27.7

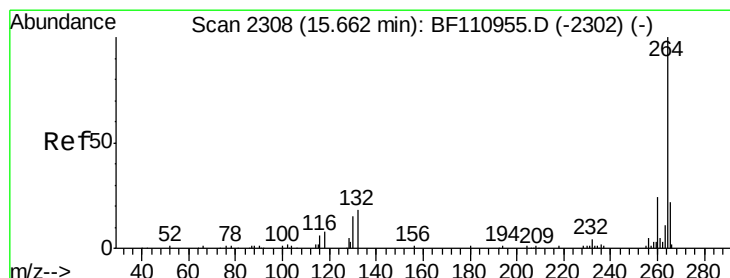
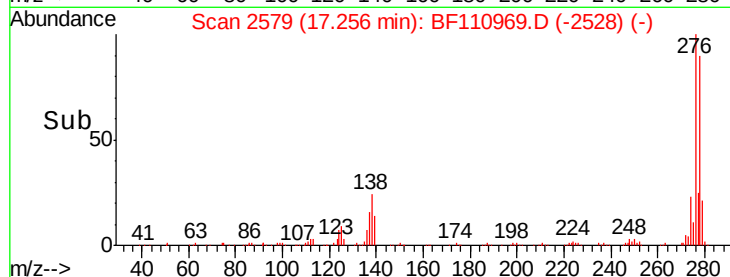
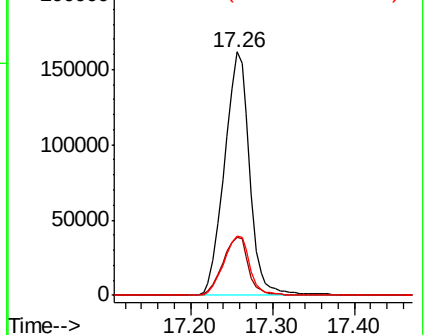
277 25.2 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. -0.00 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

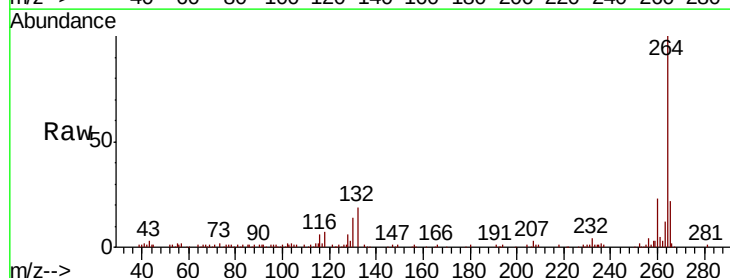
Tgt Ion:264 Resp: 127233

Ion Ratio Lower Upper

264 100

260 22.8 18.7 28.1

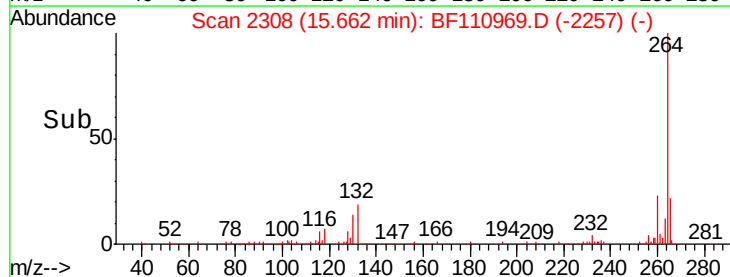
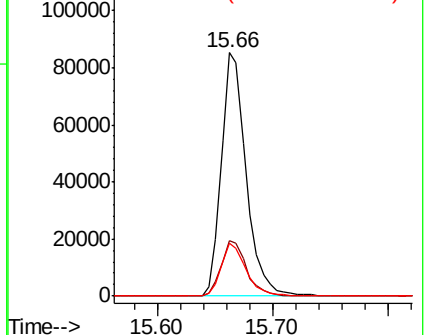
265 21.6 16.7 25.1

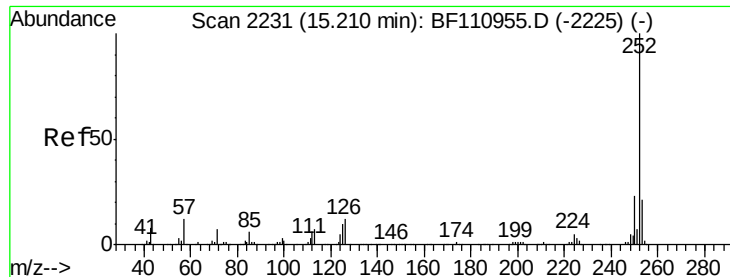


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

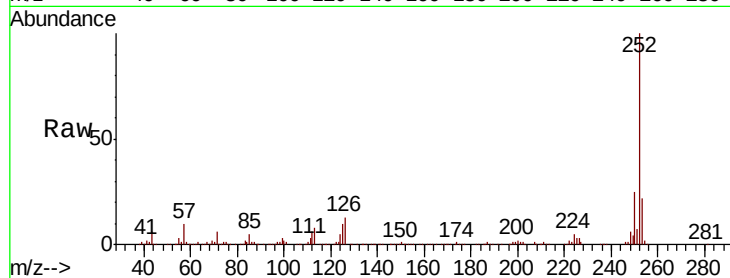




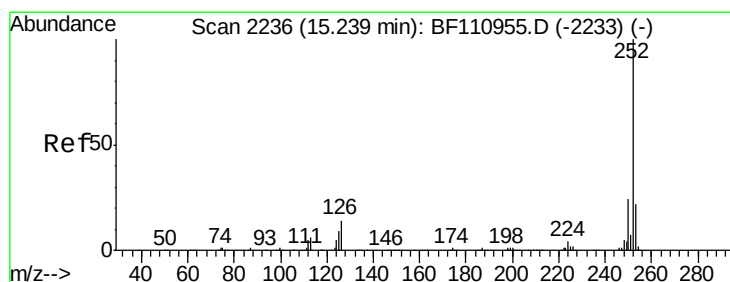
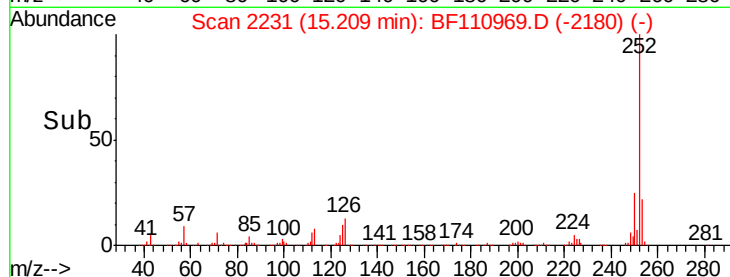
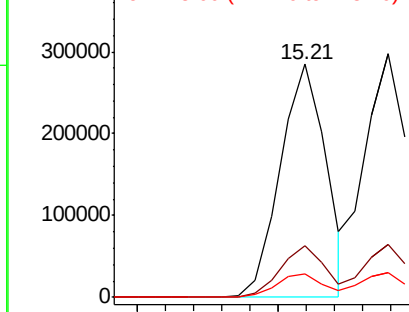
#88
Benzo(b)fluoranthene
Concen: 42.776 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Instrument :
BNA_F
ClientSampleId :
DTW-03MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	10.2	8.2	12.4

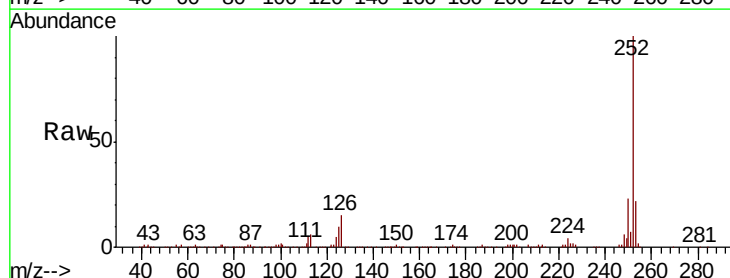


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

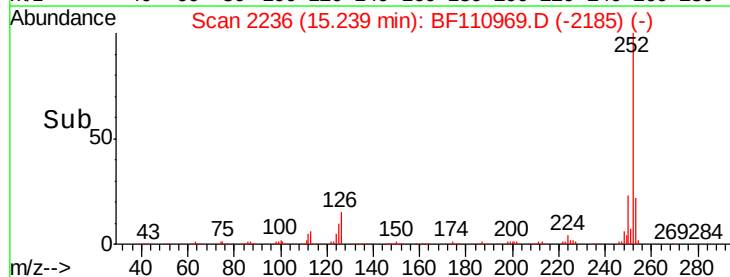
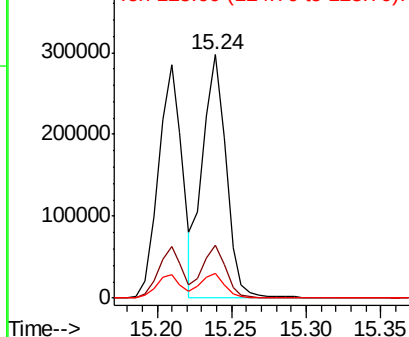


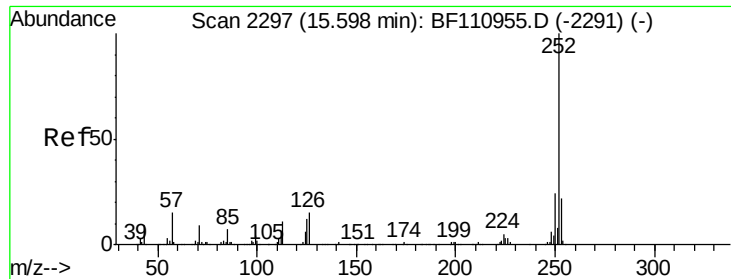
#89
Benzo(k)fluoranthene
Concen: 41.771 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	9.9	7.4	11.0



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

Benzo(a)pyrene

Concen: 45.861 ng

RT: 15.60 min Scan# 2298

Delta R.T. 0.01 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Instrument :

BNA_F

ClientSampleId :

DTW-03MS

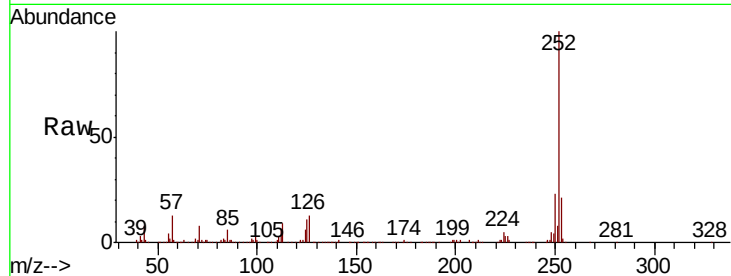
Tgt Ion:252 Resp: 319074

Ion Ratio Lower Upper

252 100

253 21.4 18.2 27.4

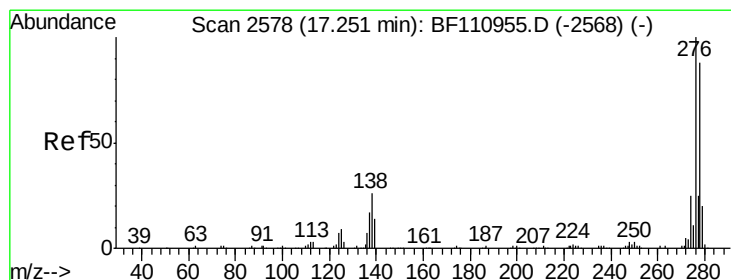
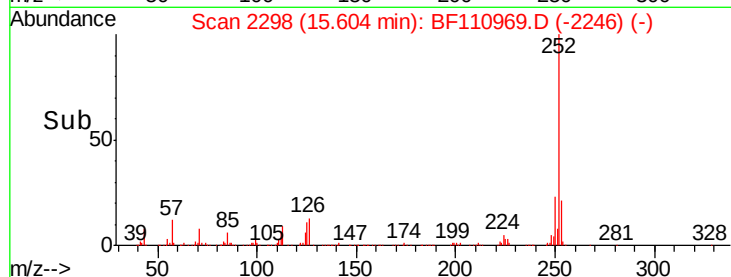
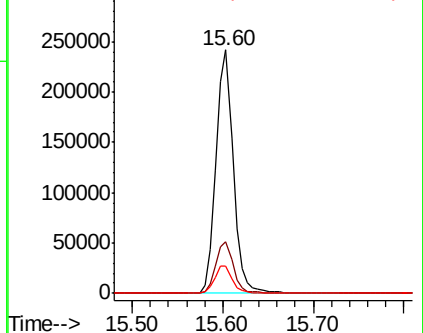
125 11.1 9.0 13.6



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



#91

Dibenzo(a,h)anthracene

Concen: 50.751 ng

RT: 17.26 min Scan# 2579

Delta R.T. 0.01 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

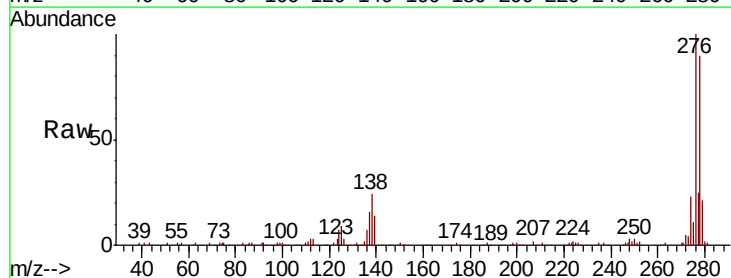
Tgt Ion:278 Resp: 291334

Ion Ratio Lower Upper

278 100

139 15.1 12.7 19.1

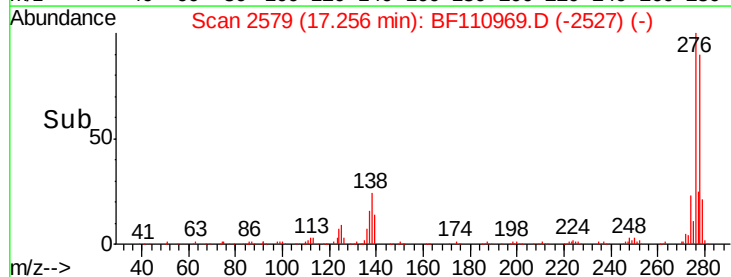
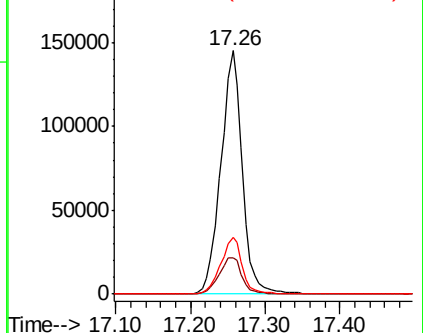
279 23.2 19.0 28.4

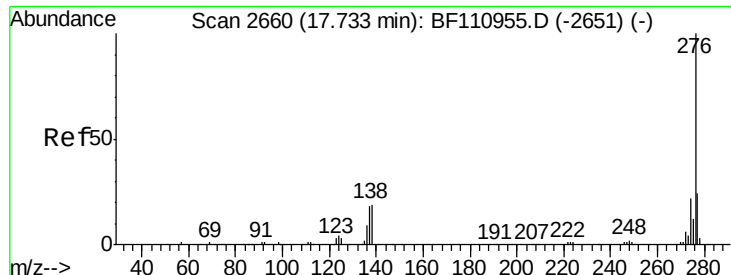


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 49.380 ng

RT: 17.73 min Scan# 2660

Delta R.T. -0.00 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Instrument :

BNA_F

ClientSampleId :

DTW-03MS

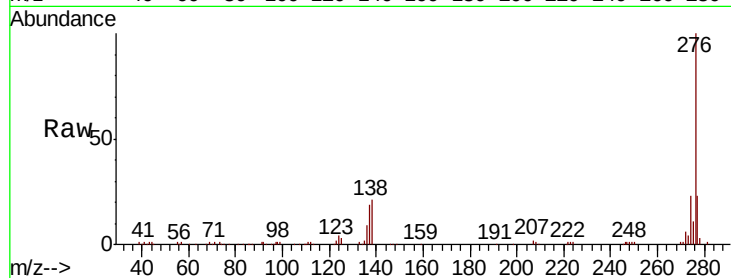
Tgt Ion: 276 Resp: 273311

Ion Ratio Lower Upper

276 100

277 22.8 18.8 28.2

138 20.9 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

