

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112118\
 Data File : BF110939.D
 Acq On : 21 Nov 2018 20:16
 Operator : JU/SJ
 Sample : J5981-04MSD 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MSD

Quant Time: Nov 21 22:09:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	53518	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	197763	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	79607	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	136486	20.00	ng	0.00
76) Chrysene-d12	14.16	240	96329	20.00	ng	0.02
87) Perylene-d12	15.69	264	78710	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	110891	33.66	ng	0.00
7) Phenol-d6	6.57	99	137053	32.53	ng	0.00
23) Nitrobenzene-d5	7.51	82	80219	23.36	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	22381	27.90	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	125642	22.54	ng	-0.01
79) Terphenyl-d14	13.07	244	117324	22.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	10414	6.344	ng	# 87
3) Pyridine	3.60	79	24664	6.960	ng	# 83
4) n-Nitrosodimethylamine	3.54	42	11938	7.852	ng	# 84
6) Aniline	6.61	93	20710	3.769	ng	# 75
8) 2-Chlorophenol	6.73	128	36762	9.518	ng	96
9) Benzaldehyde	6.51	77	17384	5.436	ng	97
10) Phenol	6.59	94	66272	13.565	ng	# 66
11) bis(2-Chloroethyl)ether	6.67	93	32006	8.742	ng	97
12) 1,3-Dichlorobenzene	6.88	146	38684	9.154	ng	96
13) 1,4-Dichlorobenzene	6.96	146	39177	9.129	ng	96
14) 1,2-Dichlorobenzene	7.11	146	35779	8.962	ng	97
15) Benzyl Alcohol	7.09	79	29018	8.801	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.21	45	51986	9.041	ng	86
17) 2-Methylphenol	7.19	107	31650	10.296	ng	# 82
18) Hexachloroethane	7.45	117	9120	5.756	ng	91
19) n-Nitroso-di-n-propylamine	7.34	70	24997	9.294	ng	97
20) 3+4-Methylphenols	7.36	107	49734	12.603	ng	# 76
22) Acetophenone	7.35	105	50635	10.986	ng	# 87
24) Nitrobenzene	7.53	77	35889	10.200	ng	91
25) Isophorone	7.76	82	62573	11.117	ng	99
26) 2-Nitrophenol	7.85	139	12151	6.923	ng	95
27) 2,4-Dimethylphenol	7.87	122	32575	12.186	ng	96
28) bis(2-Chloroethoxy)methane	7.96	93	40528	10.635	ng	98
29) 2,4-Dichlorophenol	8.10	162	26315	9.567	ng	96
30) 1,2,4-Trichlorobenzene	8.17	180	29249	9.432	ng	95
31) Naphthalene	8.25	128	1025754	110.487	ng	100
32) Benzoic acid	8.02	122	4886	2.583	ng	# 26
33) 4-Chloroaniline	8.31	127	20187	4.800	ng	95
34) Hexachlorobutadiene	8.35	225	16971	9.581	ng	96
35) Caprolactam	8.65	113	7385	8.036	ng	# 84
36) 4-Chloro-3-methylphenol	8.79	107	27758	9.357	ng	93
37) 2-Methylnaphthalene	8.94	142	224151	36.830	ng	99
38) 1-Methylnaphthalene	9.04	142	205332	35.081	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.11	216	24946	9.900	ng	99

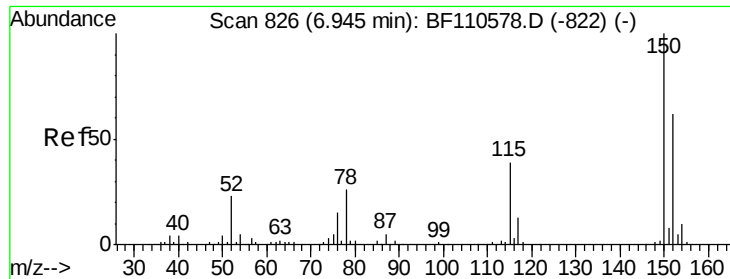
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112118\
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 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.23	196	15609	9.857	ng	91
44) 2,4,5-Trichlorophenol	9.28	196	15287	9.050	ng	92
46) 1,1'-Biphenyl	9.40	154	171900	23.148	ng	99
47) 2-Chloronaphthalene	9.43	162	51223	9.574	ng	98
48) 2-Nitroaniline	9.54	65	19610	11.894	ng	97
49) Acenaphthylene	9.85	152	874424	113.490	ng	98
50) Dimethylphthalate	9.69	163	81497	13.720	ng	99
51) 2,6-Dinitrotoluene	9.77	165	10047	7.689	ng #	88
52) Acenaphthene	10.02	154	230277	47.292	ng	99
53) 3-Nitroaniline	9.95	138	11744	7.758	ng	97
55) Dibenzofuran	10.20	168	728795	102.302	ng	98
56) 4-Nitrophenol	10.14	139	13633	13.574	ng	91
57) 2,4-Dinitrotoluene	10.20	165	13383	7.877	ng #	1
58) Fluorene	10.55	166	1009427	184.473	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	11314	8.515	ng #	64
60) Diethylphthalate	10.39	149	63363	10.782	ng	98
61) 4-Chlorophenyl-phenylether	10.52	204	25614	9.041	ng	95
62) 4-Nitroaniline	10.57	138	14938	9.799	ng	98
63) Azobenzene	10.68	77	51468	8.977	ng #	77
66) n-Nitrosodiphenylamine	10.64	169	48515	10.546	ng	93
67) 4-Bromophenyl-phenylether	11.02	248	14109	9.353	ng	93
68) Hexachlorobenzene	11.10	284	14240	8.954	ng #	88
69) Atrazine	11.17	200	14643	10.410	ng	97
70) Pentachlorophenol	11.31	266	9242	10.891	ng	98
71) Phenanthrene	11.54	178	4122331	563.759	ng	97
72) Anthracene	11.59	178	1980233	268.461	ng	99
73) Carbazole	11.72	167	460526	65.010	ng	99
74) Di-n-butylphthalate	12.02	149	84695	10.195	ng #	87
75) Fluoranthene	12.75	202	4634293	632.151	ng	98
77) Benzidine	12.84	184	28293	10.680	ng	96
78) Pyrene	12.97	202	3620514	488.130	ng	98
80) Butylbenzylphthalate	13.53	149	40693	12.747	ng	98
81) Benzo(a)anthracene	14.15	228	1962307	340.815	ng #	90
82) 3,3'-Dichlorobenzidine	14.10	252	17753	9.204	ng #	96
83) Chrysene	14.15	228	1962307	357.735	ng	94
84) Bis(2-ethylhexyl)phthalate	14.08	149	58143	14.682	ng	98
85) Di-n-octyl phthalate	14.70	149	93157	15.996	ng #	99
86) Indeno(1,2,3-cd)pyrene	17.30	276	582739	148.044	ng	97
88) Benzo(b)fluoranthene	15.24	252	1911990	406.055	ng	96
89) Benzo(k)fluoranthene	15.24	252	1911990	410.939	ng #	95
90) Benzo(a)pyrene	15.64	252	999939	233.729	ng	99
91) Dibenzo(a,h)anthracene	17.35	278	56399	15.578	ng	93
92) Benzo(g,h,i)perylene	17.79	276	487910	135.828	ng	98

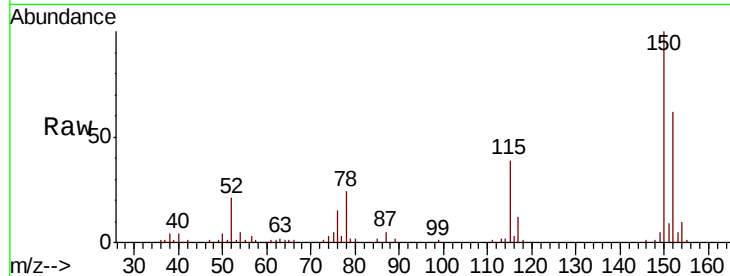
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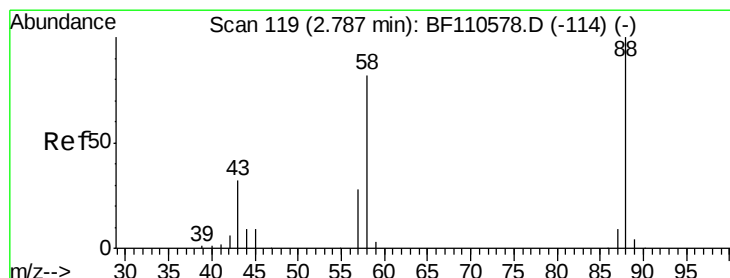
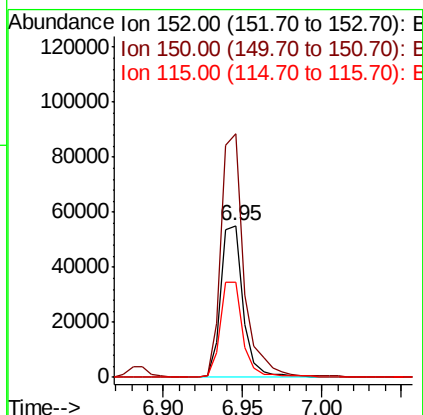
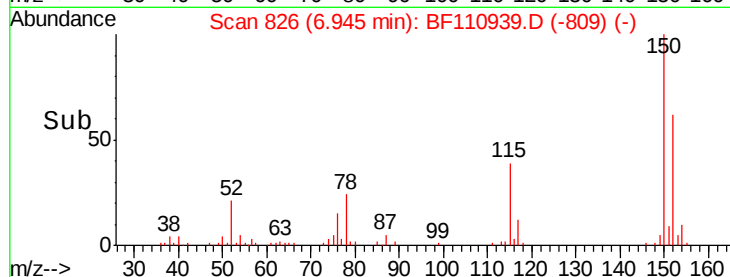
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110939.D
 Acq: 21 Nov 2018 20:16

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MSD

Tgt Ion:152 Resp: 53518
 Ion Ratio Lower Upper
 152 100
 150 160.6 122.7 184.1
 115 63.1 49.1 73.7

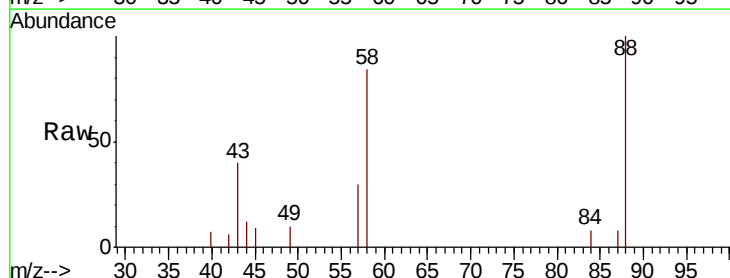


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

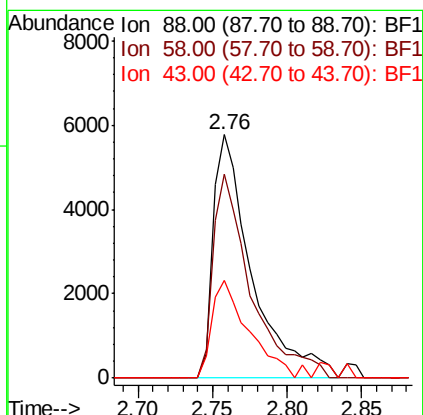
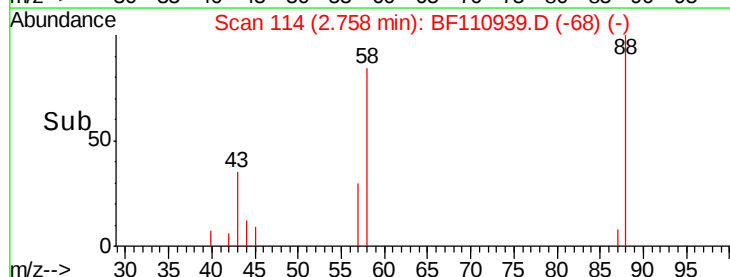


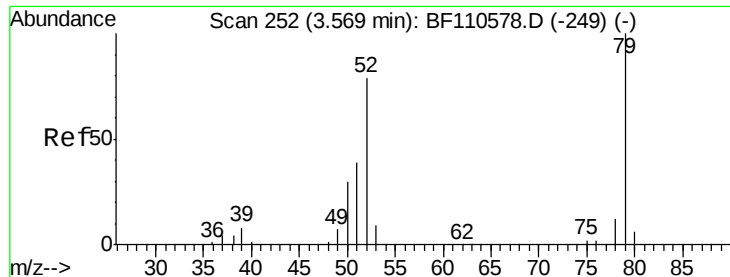
#2
 1,4-Dioxane
 Concen: 6.344 ng
 RT: 2.76 min Scan# 114
 Delta R.T. -0.03 min
 Lab File: BF110939.D
 Acq: 21 Nov 2018 20:16

Tgt Ion: 88 Resp: 10414
 Ion Ratio Lower Upper
 88 100
 58 82.1 57.1 85.7
 43 37.8 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

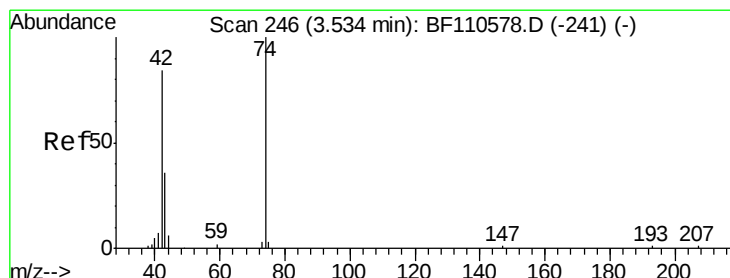
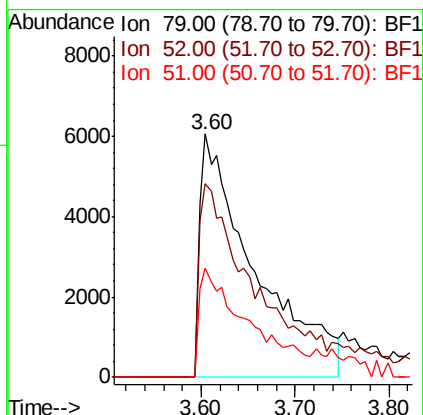
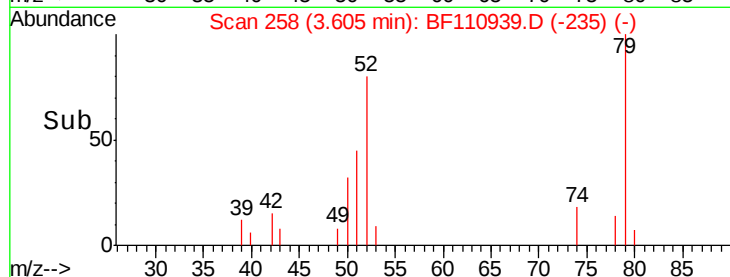
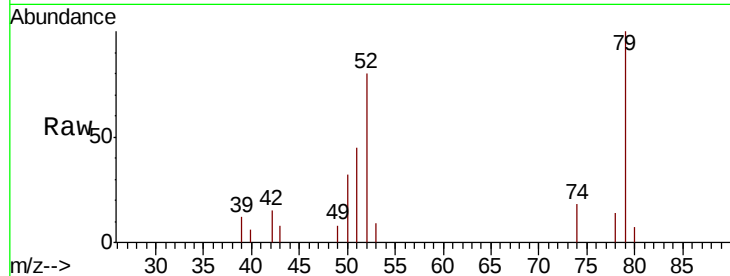




#3
 Pyridine
 Concen: 6.960 ng
 RT: 3.60 min Scan# 258
 Delta R.T. 0.04 min
 Lab File: BF110939.D
 Acq: 21 Nov 2018 20:16

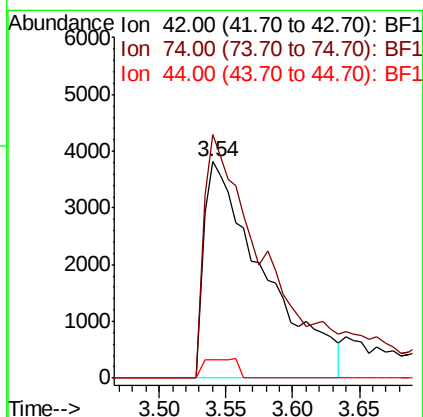
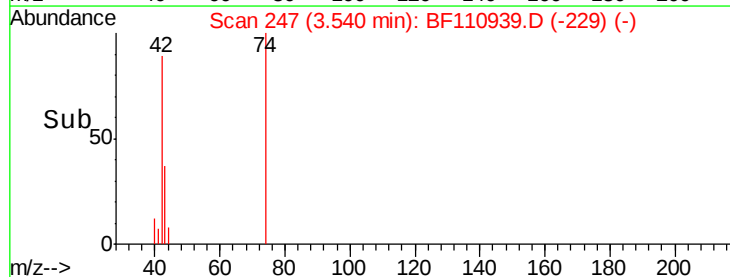
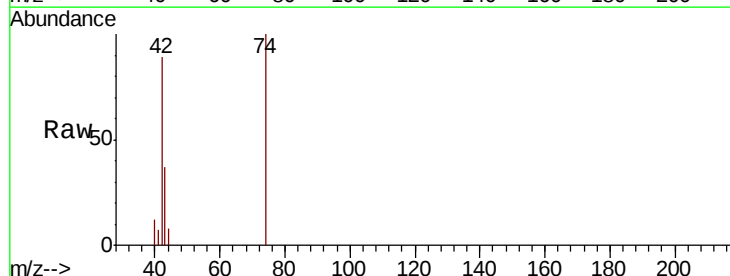
Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MSD

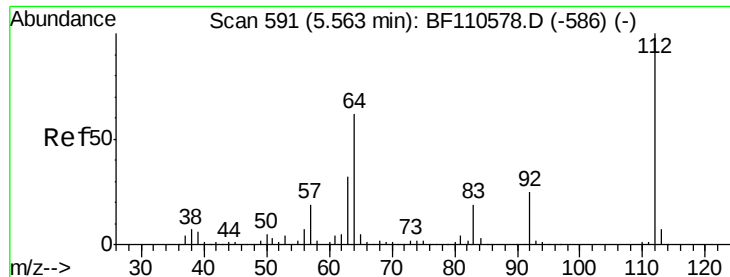
Tgt Ion: 79 Resp: 24664
 Ion Ratio Lower Upper
 79 100
 52 79.7 53.1 79.7#
 51 44.7 27.4 41.2#



#4
 n-Nitrosodimethylamine
 Concen: 7.852 ng
 RT: 3.54 min Scan# 247
 Delta R.T. 0.01 min
 Lab File: BF110939.D
 Acq: 21 Nov 2018 20:16

Tgt Ion: 42 Resp: 11938
 Ion Ratio Lower Upper
 42 100
 74 112.4 105.5 158.3
 44 8.4 4.9 7.3#





#5

2-Fluorophenol

Concen: 33.656 ng

RT: 5.56 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF110939.D

Acq: 21 Nov 2018 20:16

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)MSD

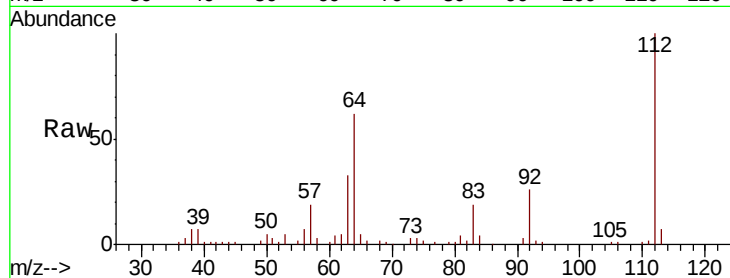
Tgt Ion: 112 Resp: 110891

Ion Ratio Lower Upper

112 100

64 62.3 44.1 66.1

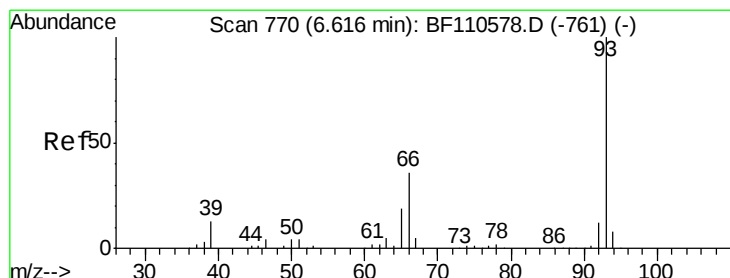
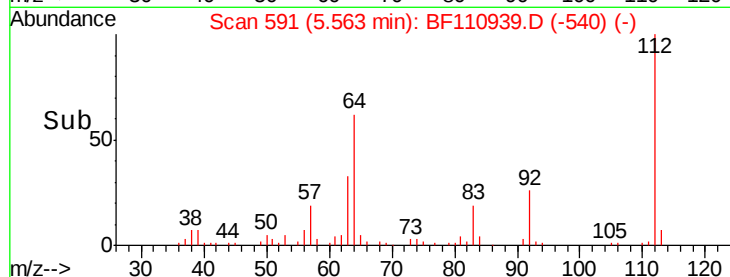
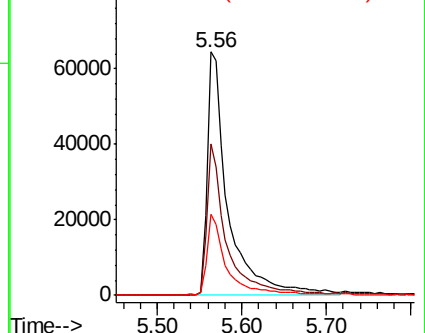
63 33.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 3.769 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF110939.D

Acq: 21 Nov 2018 20:16

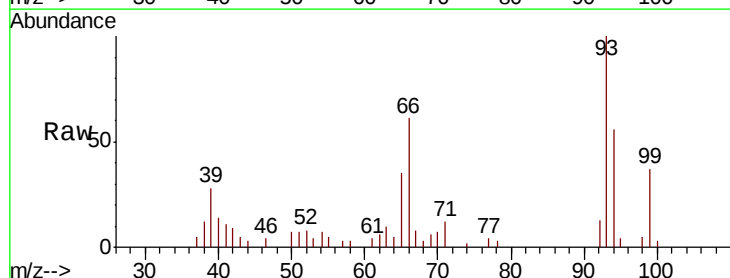
Tgt Ion: 93 Resp: 20710

Ion Ratio Lower Upper

93 100

66 60.5 67.4 101.0#

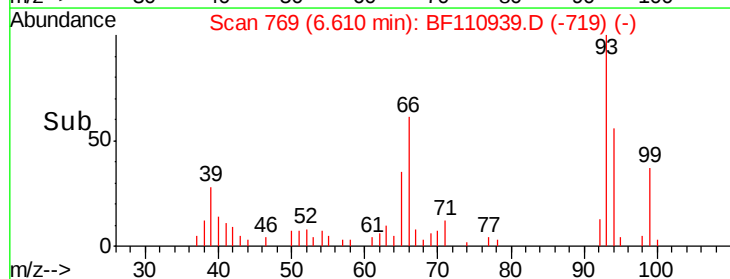
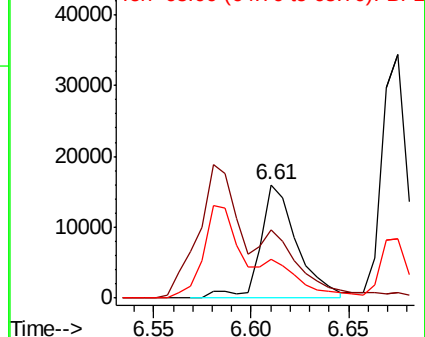
65 34.8 41.0 61.4#

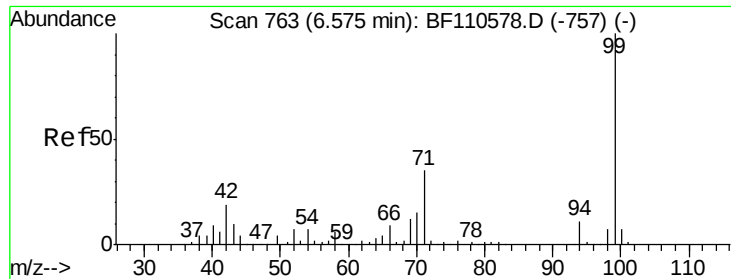


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 32.529 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110939.D

Acq: 21 Nov 2018 20:16

Instrument :

BNA_F

ClientSampleId :

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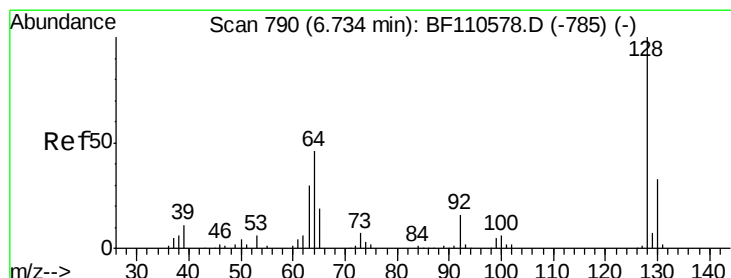
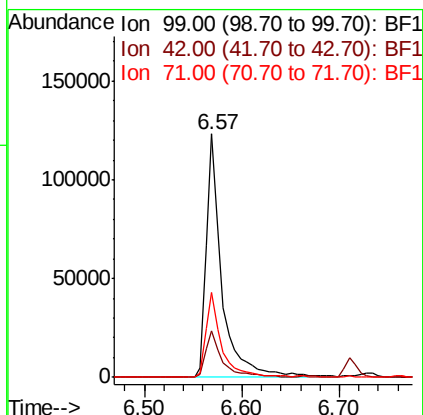
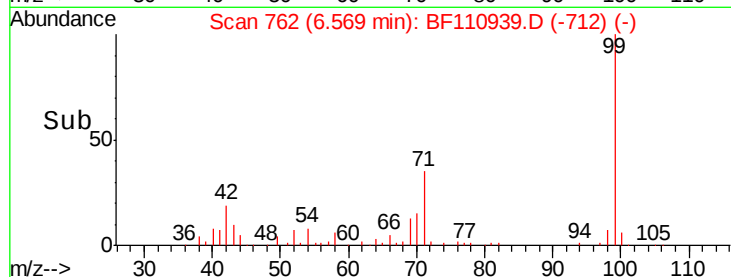
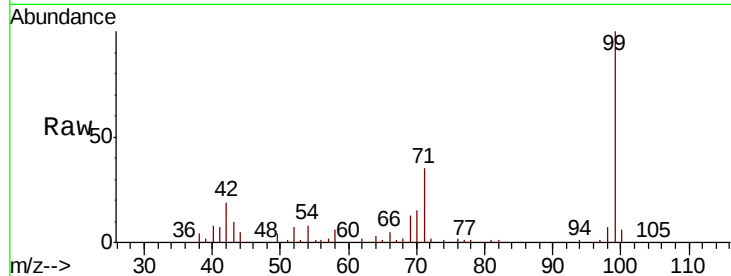
Tgt Ion: 99 Resp: 137053

Ion Ratio Lower Upper

99 100

42 19.1 15.8 23.6

71 35.1 28.0 42.0



#8

2-Chlorophenol

Concen: 9.518 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF110939.D

Acq: 21 Nov 2018 20:16

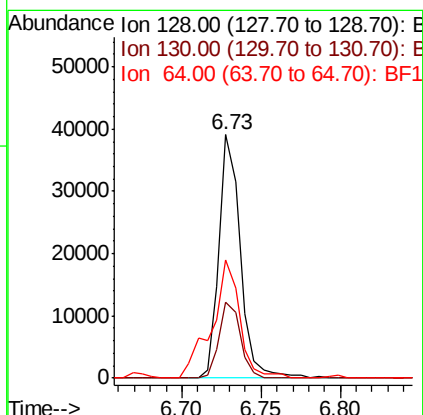
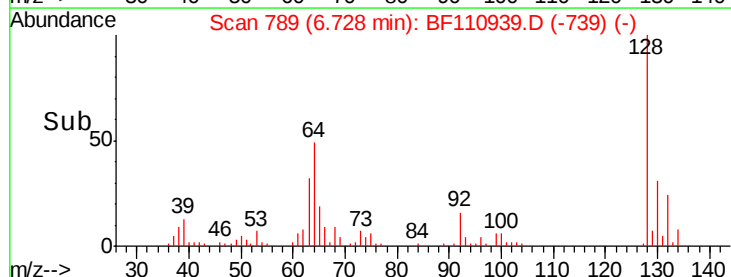
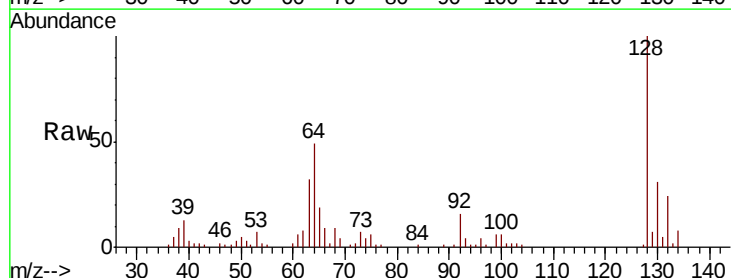
Tgt Ion: 128 Resp: 36762

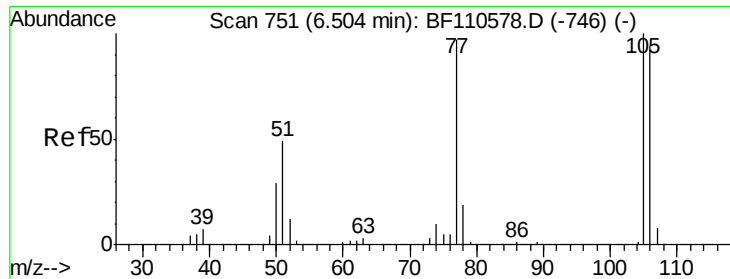
Ion Ratio Lower Upper

128 100

130 31.2 13.1 53.1

64 48.5 26.0 66.0





#9

Benzaldehyde

Concen: 5.436 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF110939.D

Acq: 21 Nov 2018 20:16

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)MSD

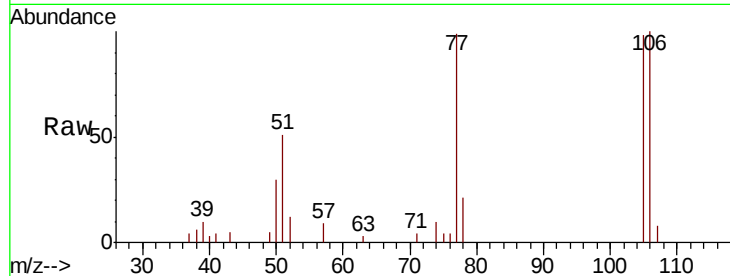
Tgt Ion: 77 Resp: 17384

Ion Ratio Lower Upper

77 100

105 99.0 78.6 118.6

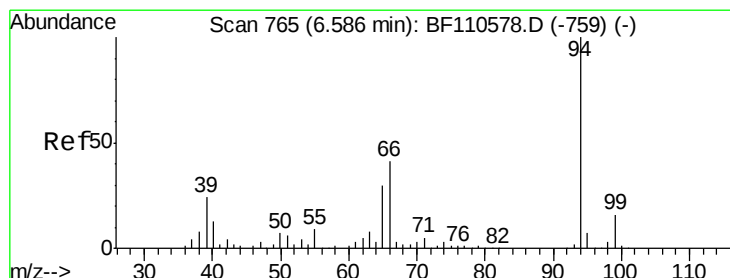
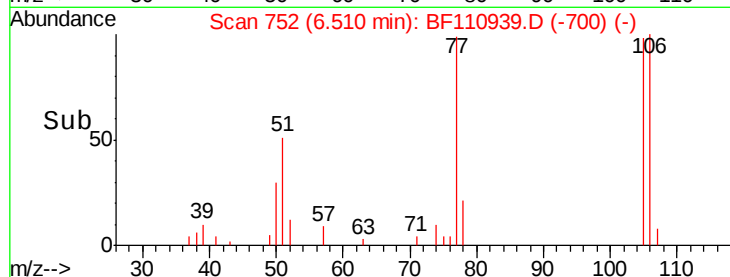
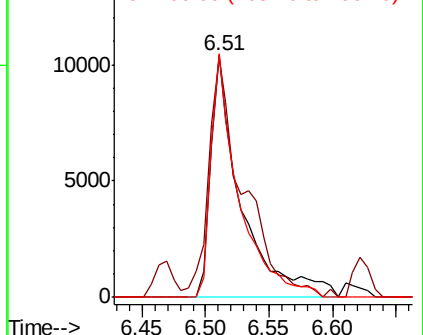
106 100.7 74.8 114.8



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: 13.565 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF110939.D

Acq: 21 Nov 2018 20:16

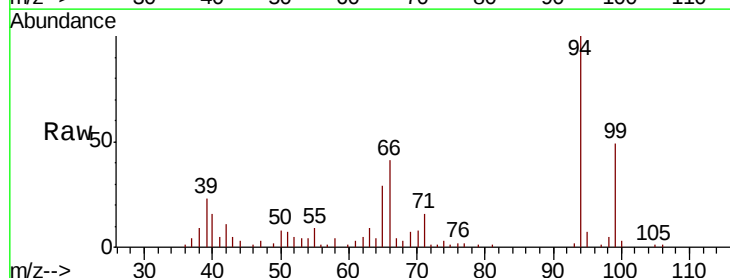
Tgt Ion: 94 Resp: 66272

Ion Ratio Lower Upper

94 100

65 29.4 25.3 65.3

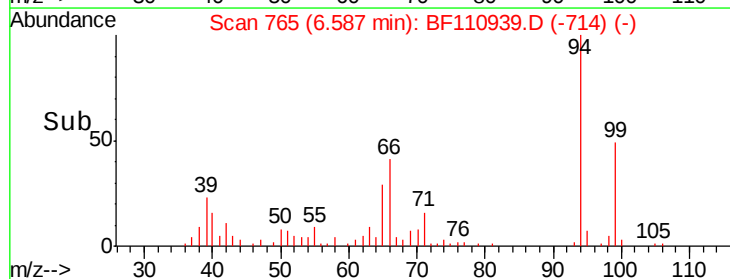
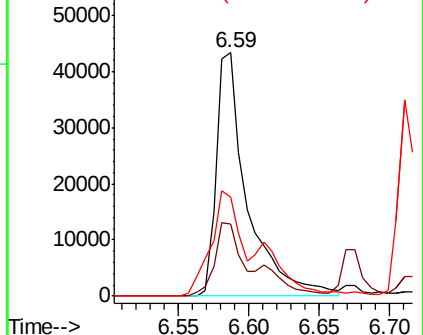
66 40.5 54.5 94.5#



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

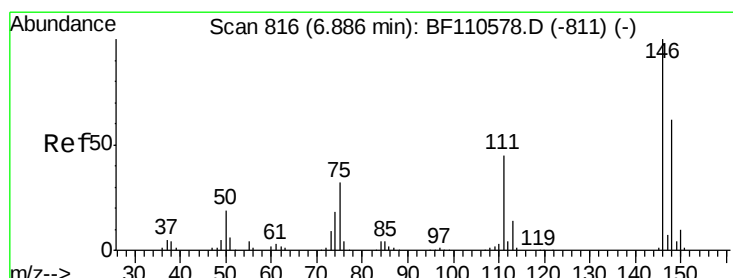
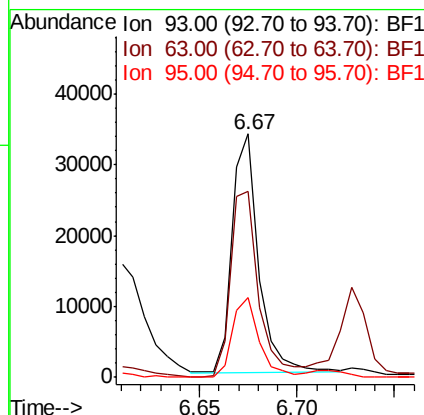
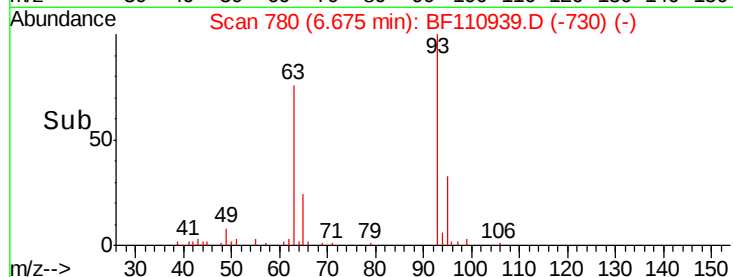
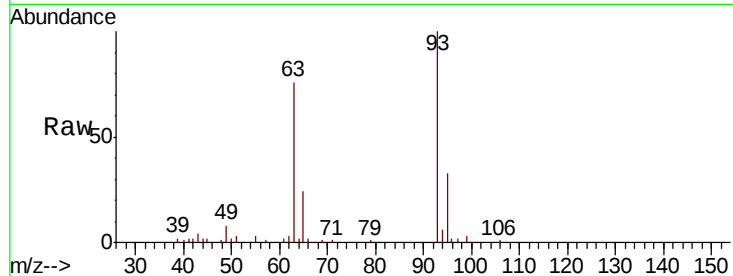




#11
bis(2-Chloroethyl)ether
Concen: 8.742 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF110939.D
Acq: 21 Nov 2018 20:16

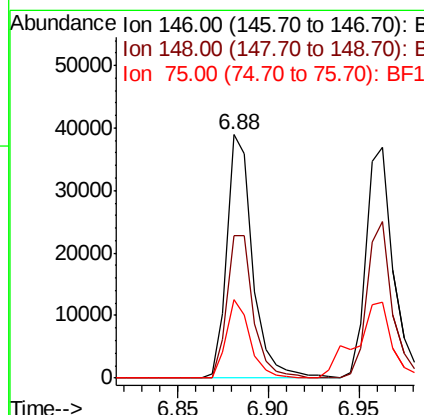
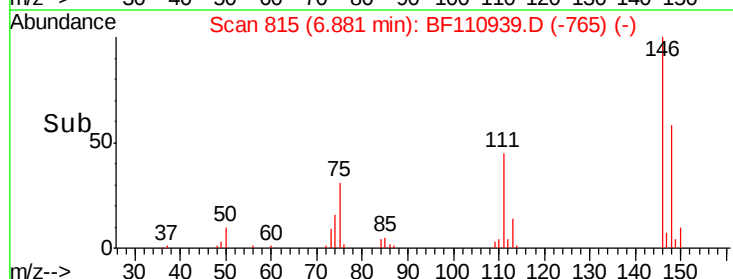
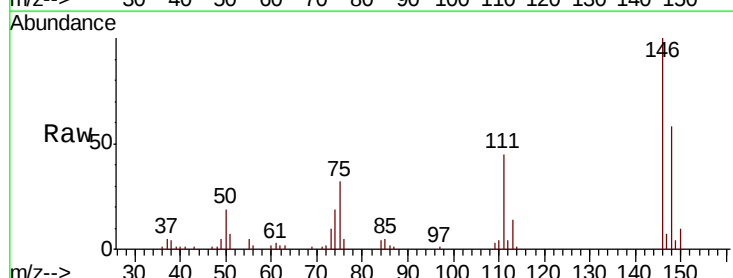
Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MSD

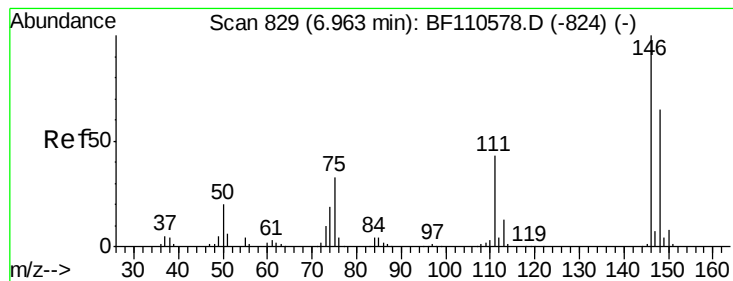
Tgt Ion: 93 Resp: 32006
Ion Ratio Lower Upper
93 100
63 76.4 53.4 93.4
95 33.0 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 9.154 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF110939.D
Acq: 21 Nov 2018 20:16

Tgt Ion: 146 Resp: 38684
Ion Ratio Lower Upper
146 100
148 58.4 50.4 75.6
75 32.4 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 9.129 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF110939.D

Acq: 21 Nov 2018 20:16

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)MSD

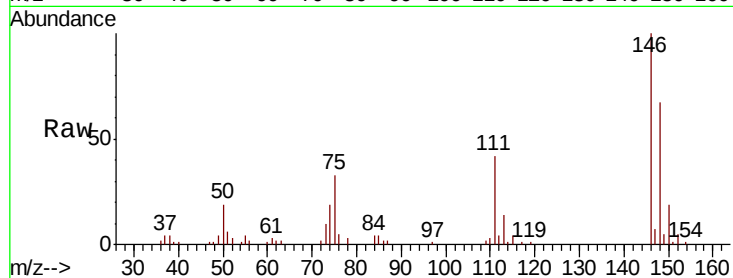
Tgt Ion:146 Resp: 39177

Ion Ratio Lower Upper

146 100

148 67.4 50.3 75.5

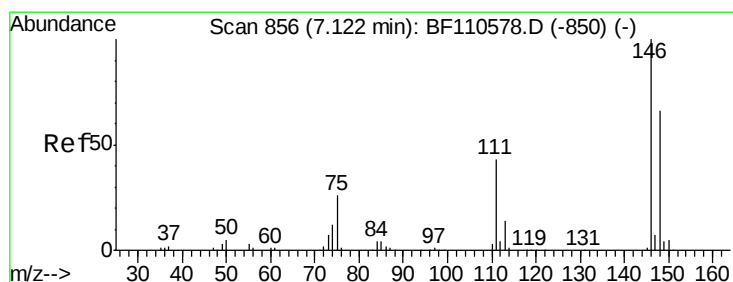
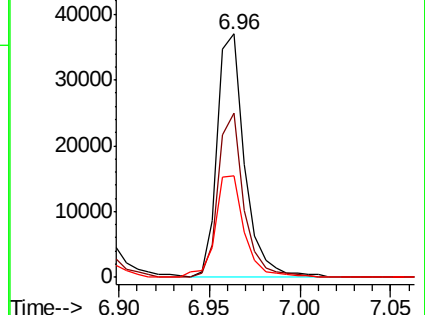
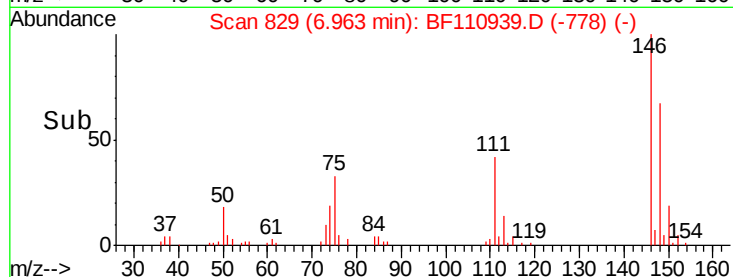
111 42.0 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 8.962 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF110939.D

Acq: 21 Nov 2018 20:16

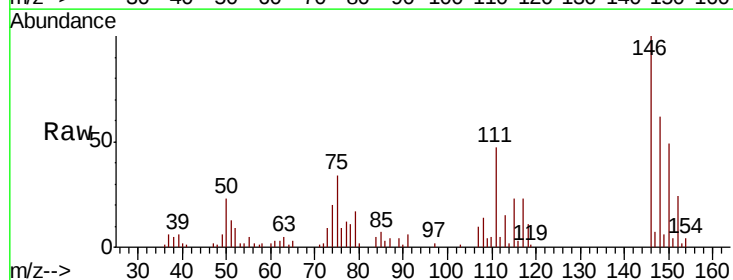
Tgt Ion:146 Resp: 35779

Ion Ratio Lower Upper

146 100

148 62.2 51.1 76.7

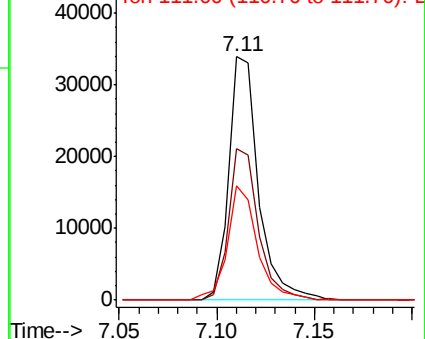
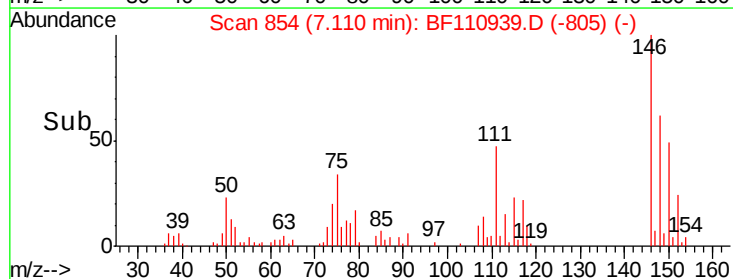
111 47.1 35.8 53.6

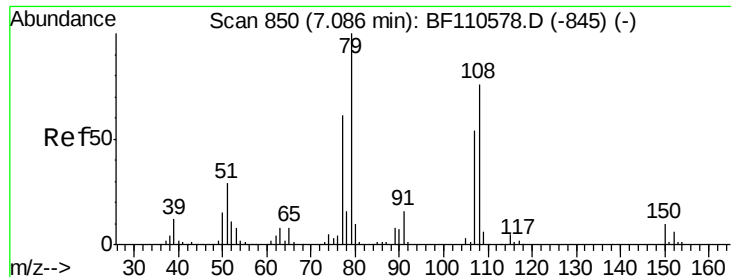


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 8.801 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.01 min

Lab File: BF110939.D

Acq: 21 Nov 2018 20:16

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)MSD

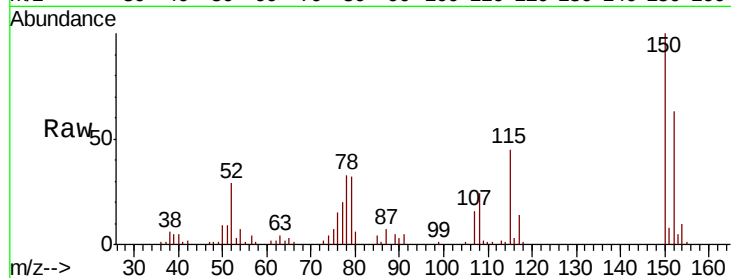
Tgt Ion: 79 Resp: 29018

Ion Ratio Lower Upper

79 100

108 74.0 56.3 84.5

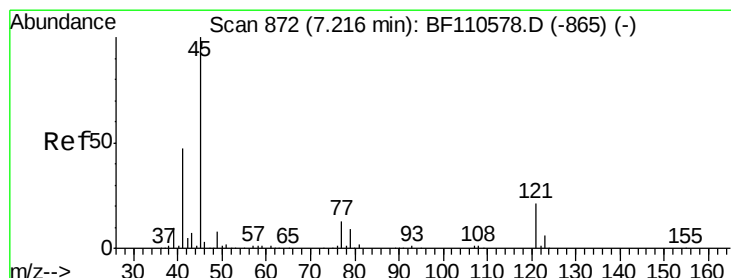
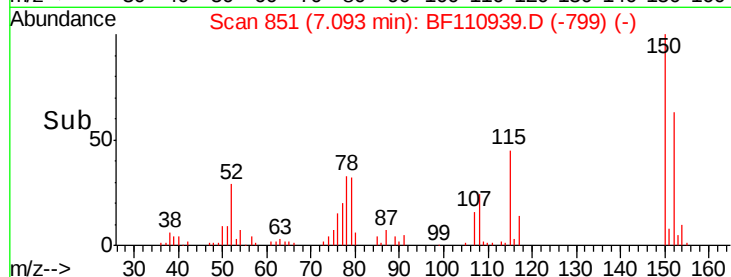
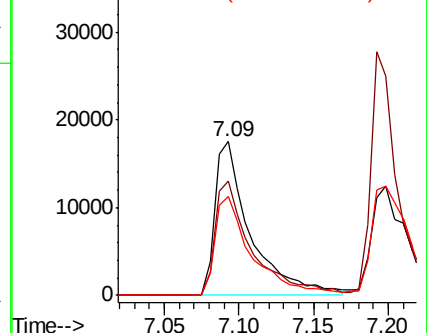
77 64.1 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 9.041 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF110939.D

Acq: 21 Nov 2018 20:16

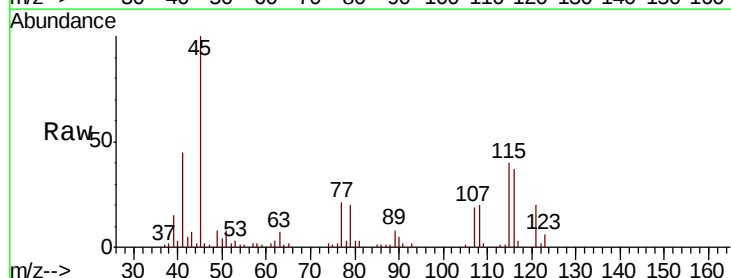
Tgt Ion: 45 Resp: 51986

Ion Ratio Lower Upper

45 100

77 21.4 10.0 50.0

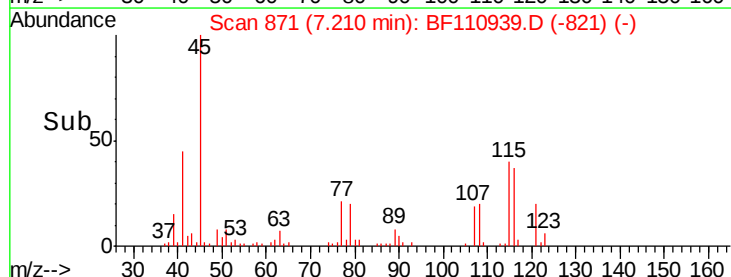
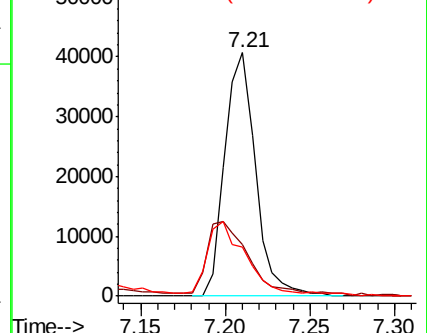
79 20.1 6.1 46.1

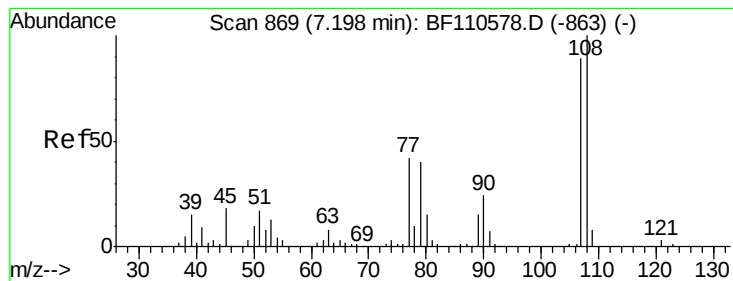


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

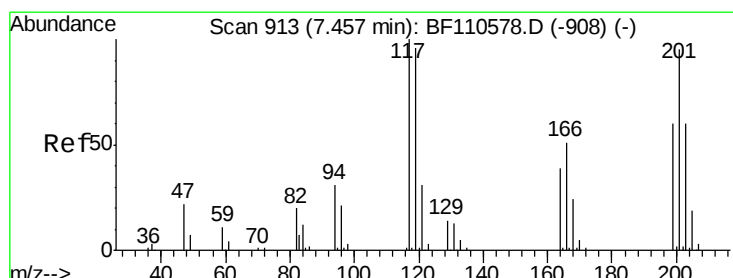
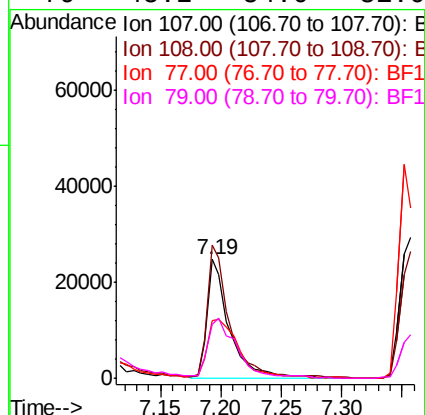
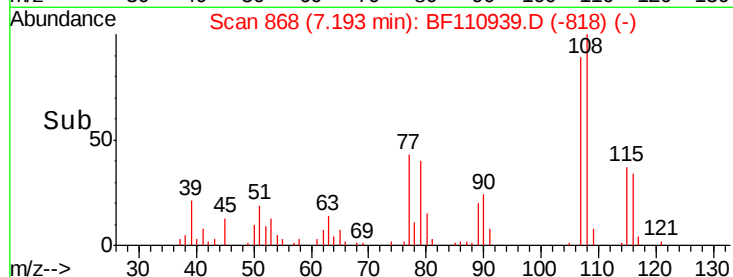
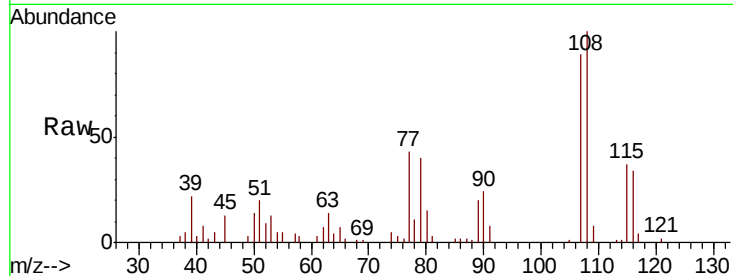




#17
2-Methylphenol
Concen: 10.296 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF110939.D
Acq: 21 Nov 2018 20:16

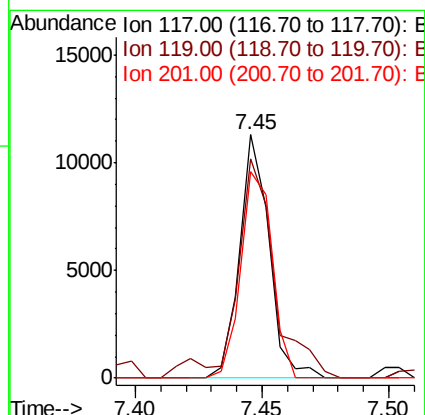
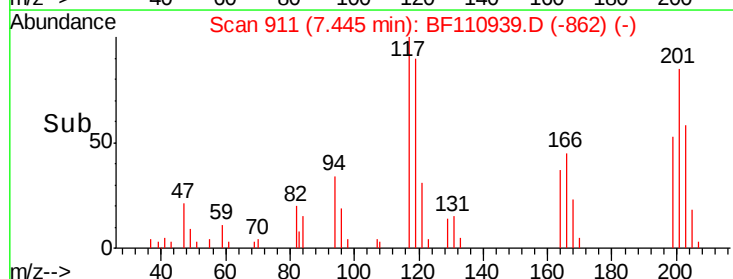
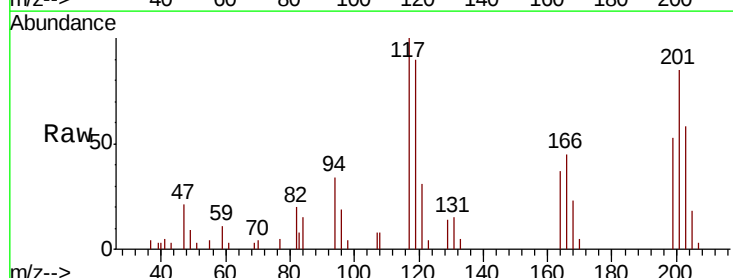
Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MSD

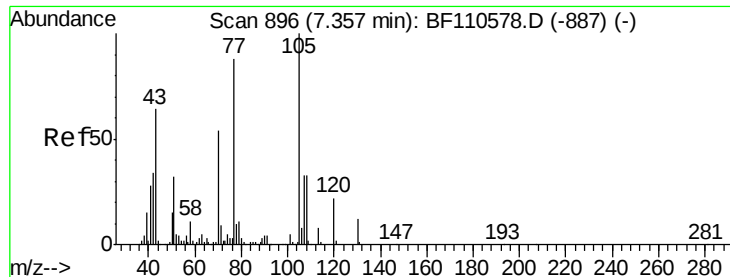
Tgt Ion:107 Resp: 31650
Ion Ratio Lower Upper
107 100
108 112.0 92.6 138.8
77 48.7 59.4 89.2#
79 45.2 54.0 81.0#



#18
Hexachloroethane
Concen: 5.756 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF110939.D
Acq: 21 Nov 2018 20:16

Tgt Ion:117 Resp: 9120
Ion Ratio Lower Upper
117 100
119 90.2 75.0 112.6
201 85.0 79.2 118.8

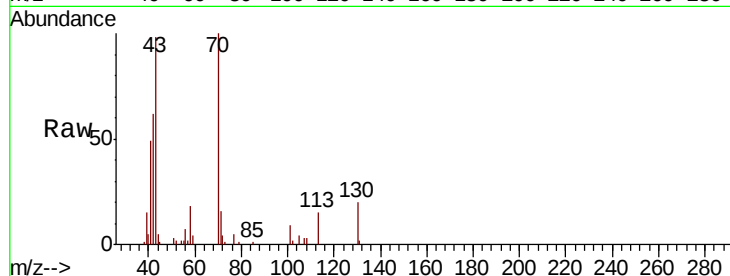




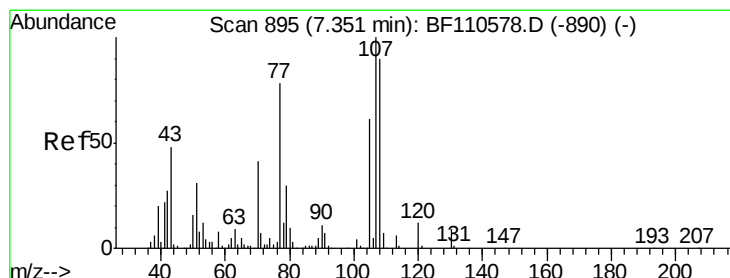
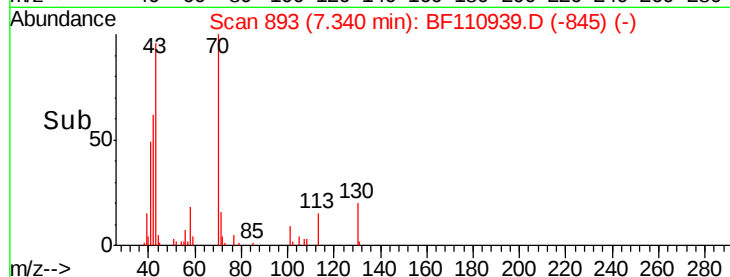
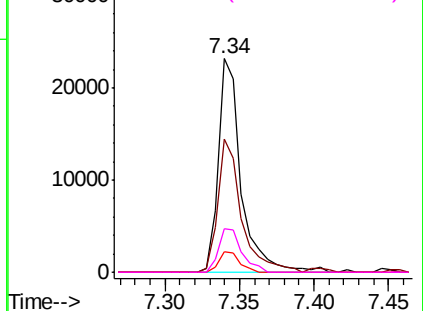
#19
n-Nitroso-di-n-propylamine
Concen: 9.294 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF110939.D
Acq: 21 Nov 2018 20:16

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MSD

Tgt Ion: 70 Resp: 24997
Ion Ratio Lower Upper
70 100
42 62.1 47.4 71.2
101 9.4 7.3 10.9
130 20.3 16.2 24.2



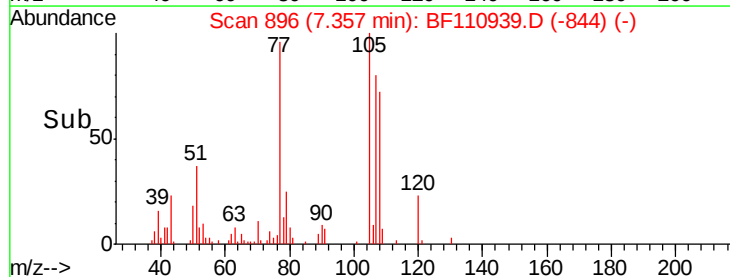
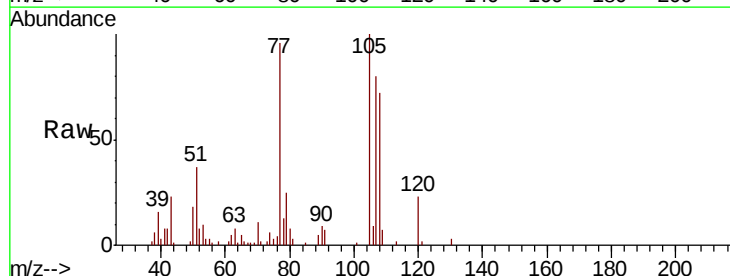
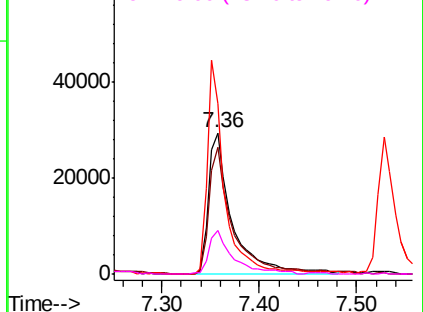
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

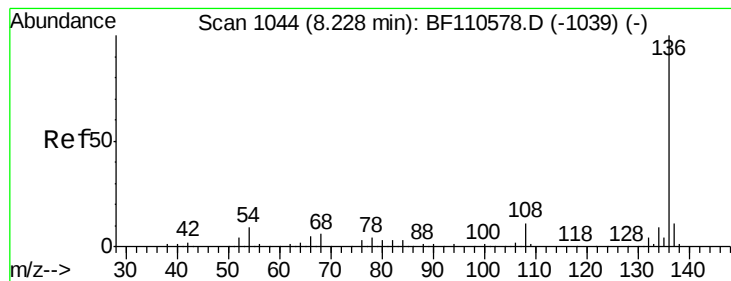


#20
3+4-Methylphenols
Concen: 12.603 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.01 min
Lab File: BF110939.D
Acq: 21 Nov 2018 20:16

Tgt Ion: 107 Resp: 49734
Ion Ratio Lower Upper
107 100
108 89.3 71.4 111.4
77 120.2 47.3 87.3#
79 30.7 10.9 50.9

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF110939.D

Acq: 21 Nov 2018 20:16

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)MSD

Tgt Ion:136 Resp: 197763

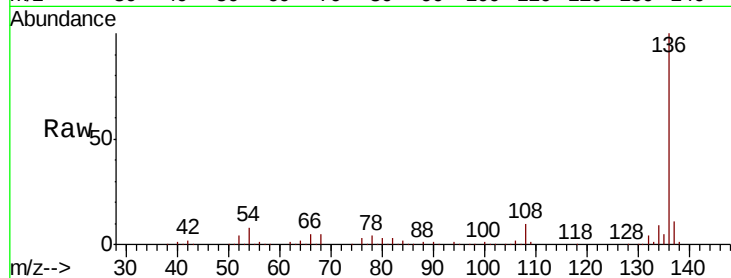
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.5 5.4 8.2

68 4.5 4.2 6.2

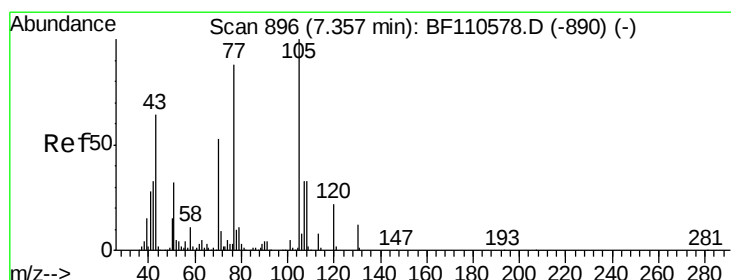
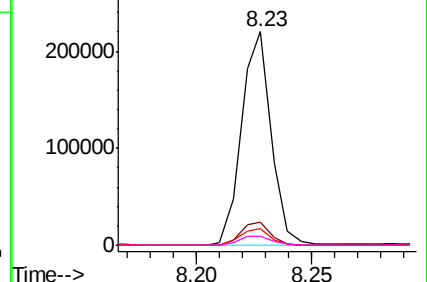
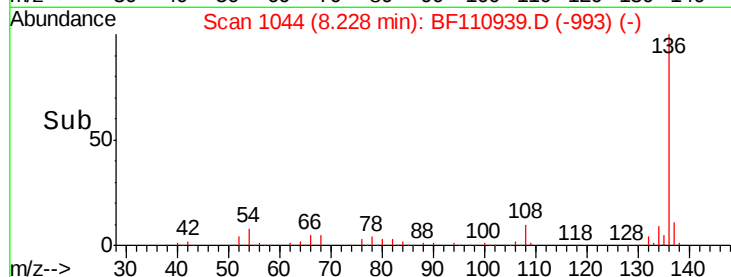


Abundance Ion 136.00 (135.70 to 136.70): E

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: 10.986 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF110939.D

Acq: 21 Nov 2018 20:16

Tgt Ion:105 Resp: 50635

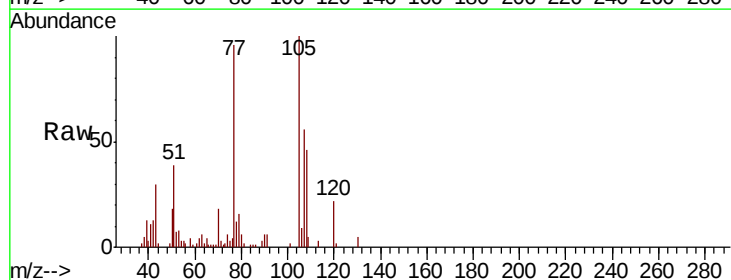
Ion Ratio Lower Upper

105 100

71 3.1 5.2 7.8#

51 38.7 21.8 32.8#

120 22.4 17.0 25.4

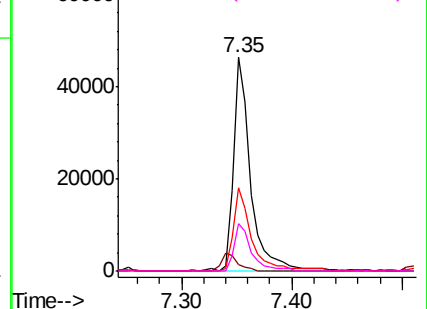
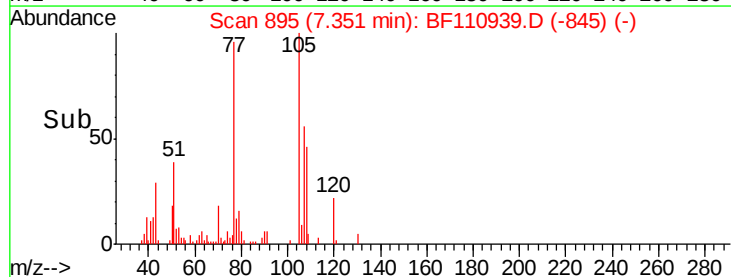


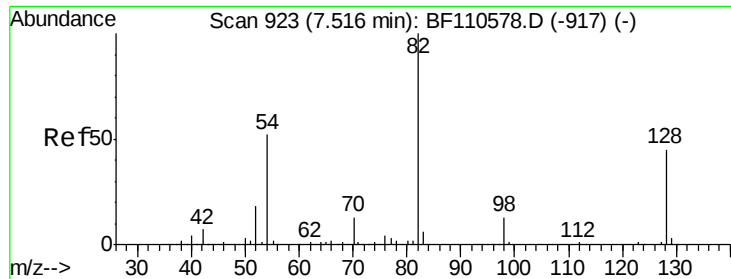
Abundance Ion 105.00 (104.70 to 105.70): E

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

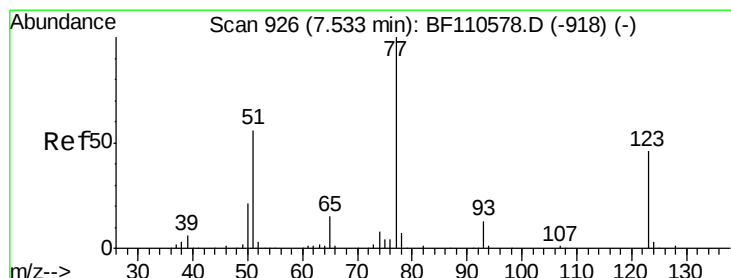
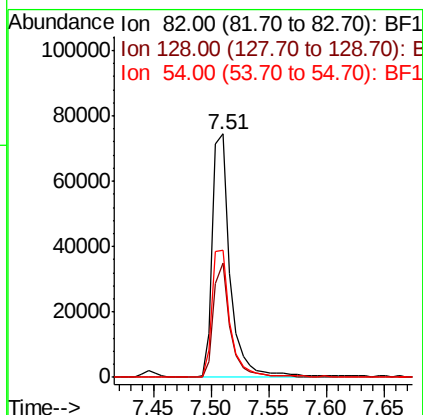
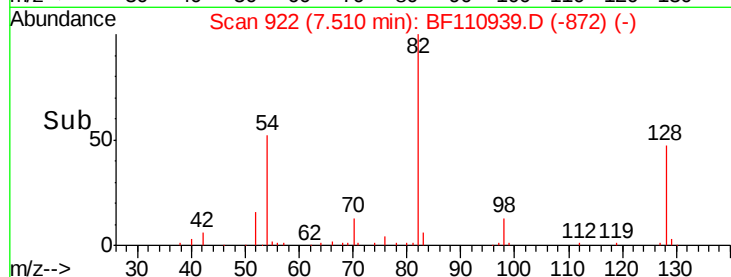
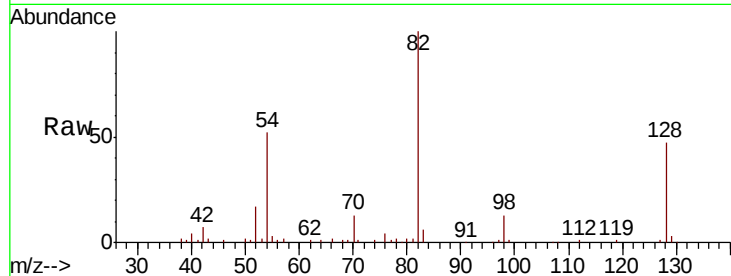




#23
 Nitrobenzene-d5
 Concen: 23.360 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110939.D
 Acq: 21 Nov 2018 20:16

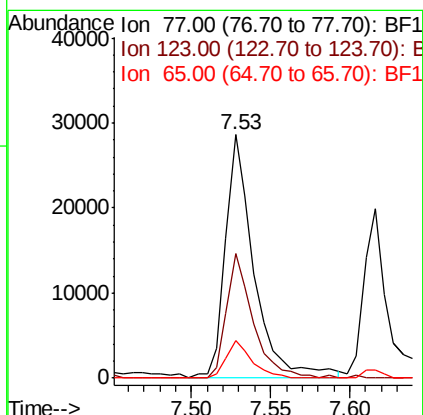
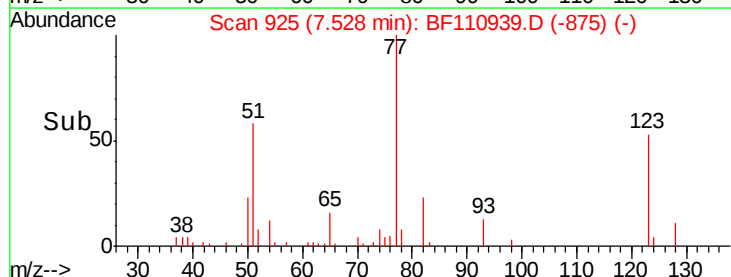
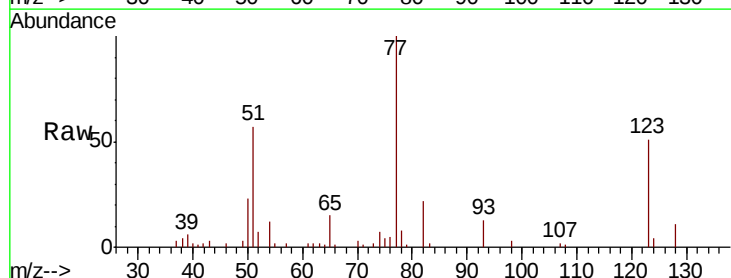
Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MSD

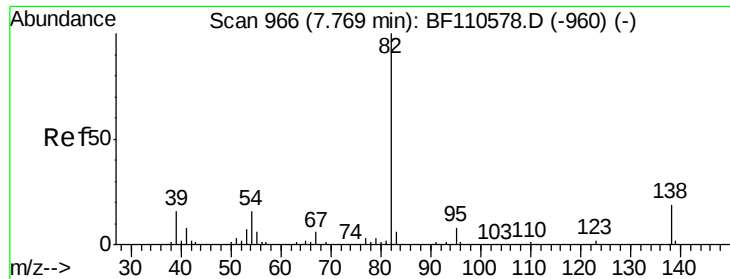
Tgt Ion: 82 Resp: 80219
 Ion Ratio Lower Upper
 82 100
 128 47.1 34.2 51.2
 54 52.1 38.6 58.0



#24
 Nitrobenzene
 Concen: 10.200 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF110939.D
 Acq: 21 Nov 2018 20:16

Tgt Ion: 77 Resp: 35889
 Ion Ratio Lower Upper
 77 100
 123 51.0 35.7 53.5
 65 15.2 10.7 16.1





#25

Isophorone

Concen: 11.117 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF110939.D

Acq: 21 Nov 2018 20:16

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)MSD

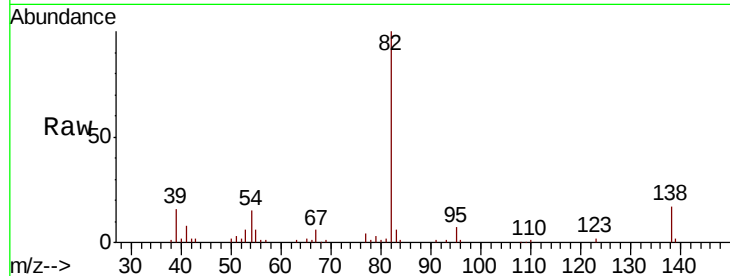
Tgt Ion: 82 Resp: 62573

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

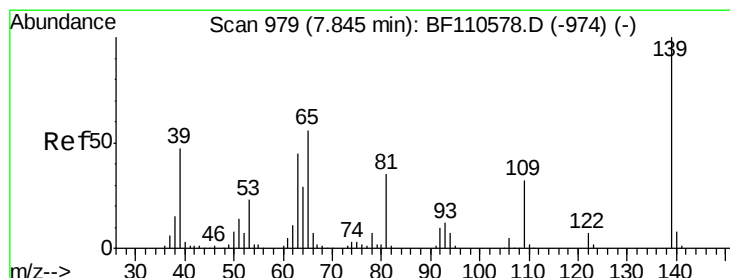
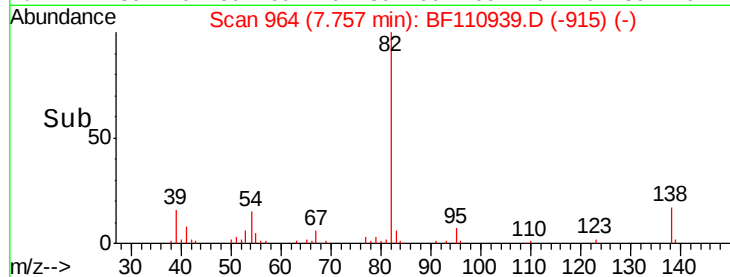
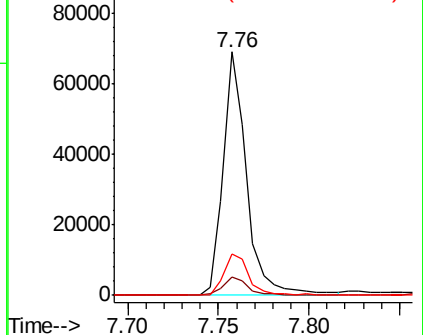
138 16.9 13.2 19.8



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: 6.923 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.01 min

Lab File: BF110939.D

Acq: 21 Nov 2018 20:16

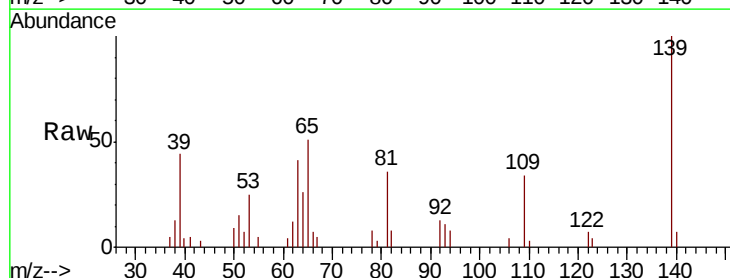
Tgt Ion: 139 Resp: 12151

Ion Ratio Lower Upper

139 100

109 33.6 25.0 37.6

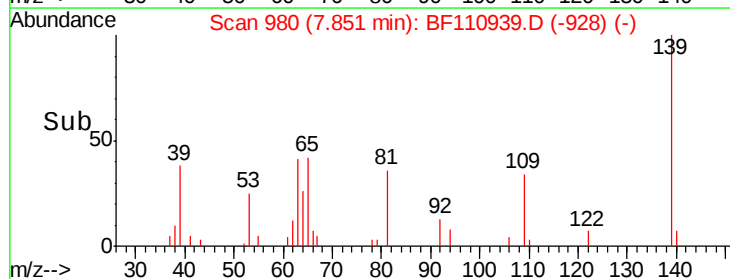
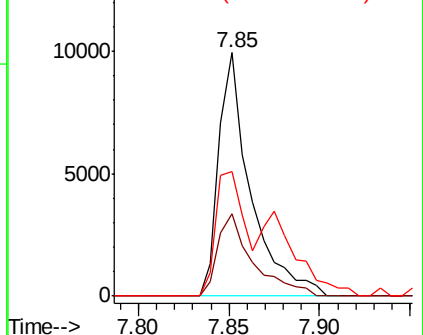
65 51.2 44.0 66.0

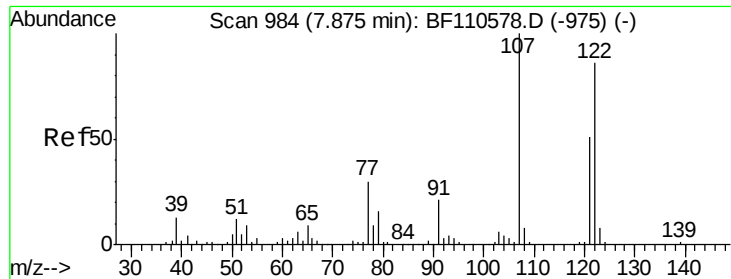


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

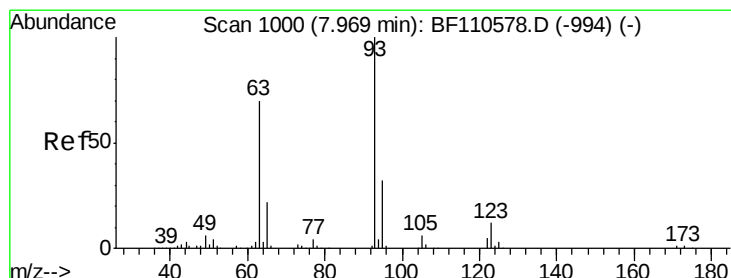
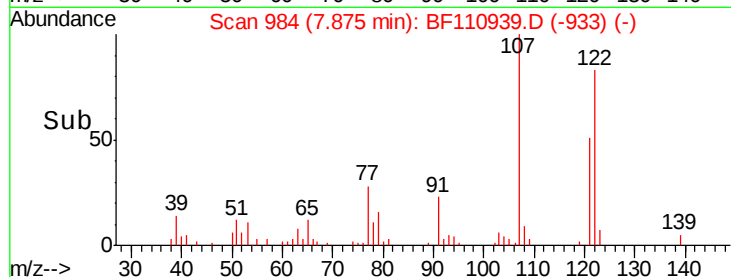
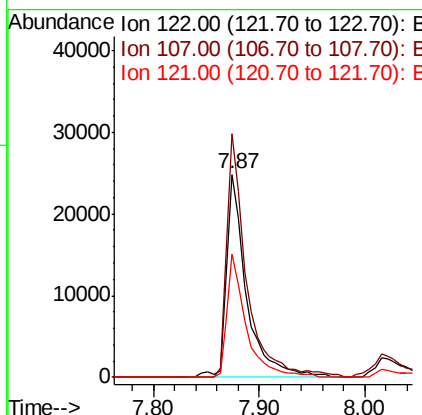
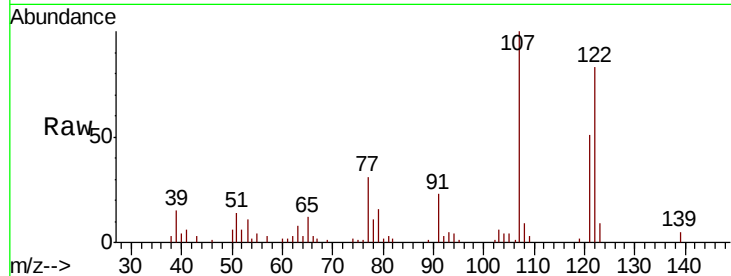




#27
 2,4-Dimethylphenol
 Concen: 12.186 ng
 RT: 7.87 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: BF110939.D
 Acq: 21 Nov 2018 20:16

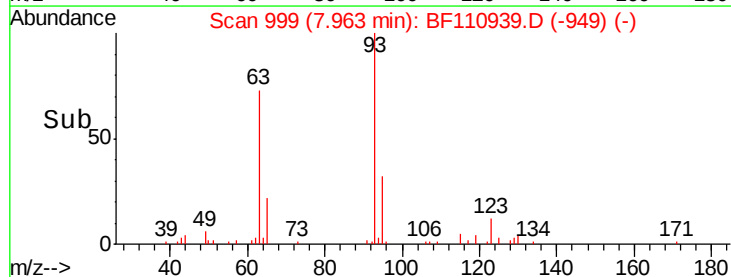
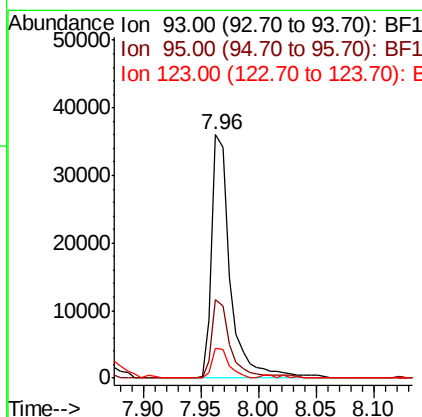
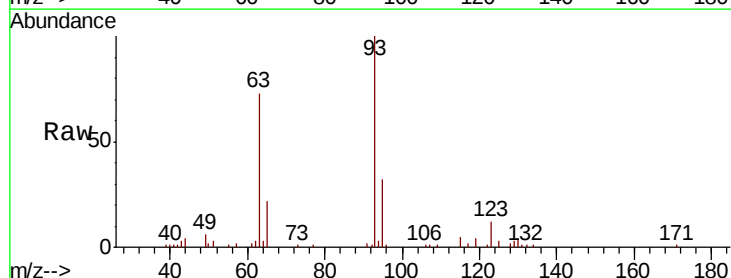
Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MSD

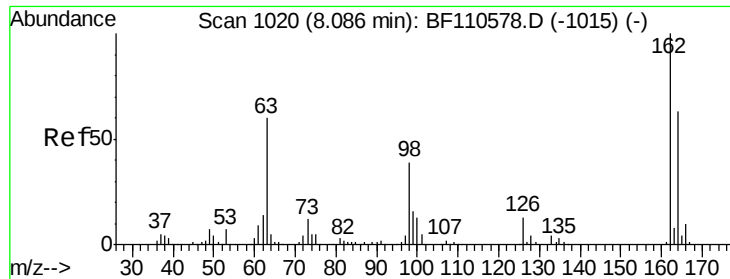
Tgt Ion:122 Resp: 32575
 Ion Ratio Lower Upper
 122 100
 107 120.1 92.5 138.7
 121 61.0 45.8 68.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 10.635 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF110939.D
 Acq: 21 Nov 2018 20:16

Tgt Ion: 93 Resp: 40528
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.4 39.6
 123 12.4 9.0 13.6

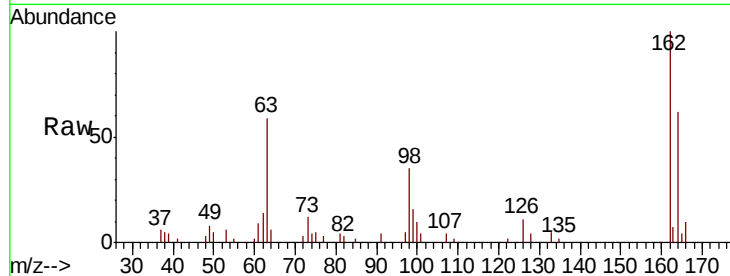




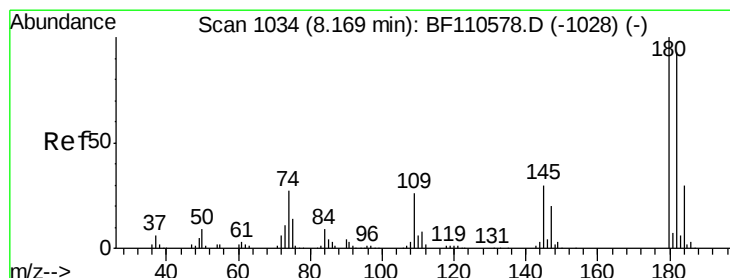
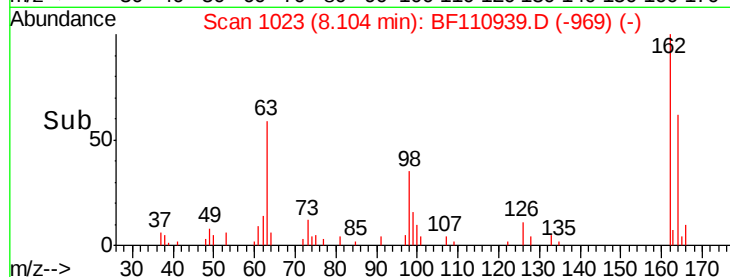
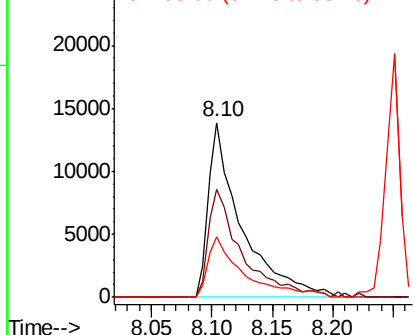
#29
 2,4-Dichlorophenol
 Concen: 9.567 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.02 min
 Lab File: BF110939.D
 Acq: 21 Nov 2018 20:16

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MSD

Tgt Ion:162 Resp: 26315
 Ion Ratio Lower Upper
 162 100
 164 62.0 44.6 84.6
 98 34.9 17.4 57.4

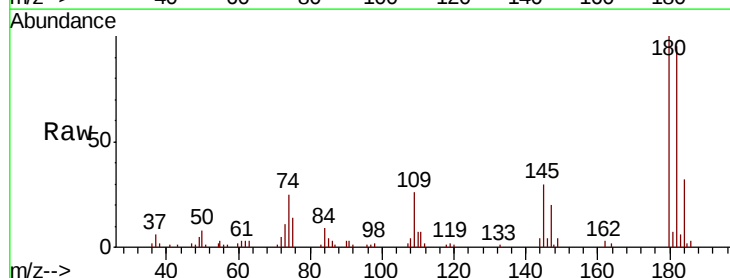


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

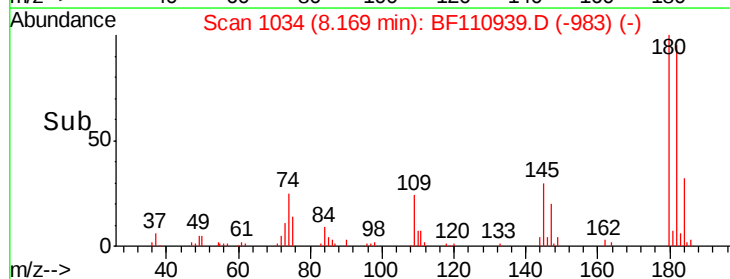
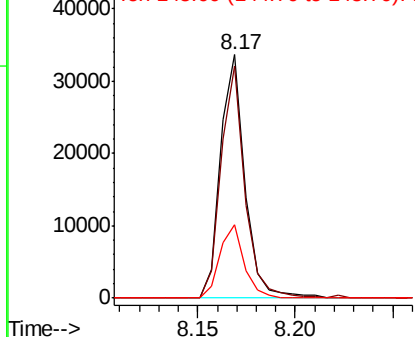


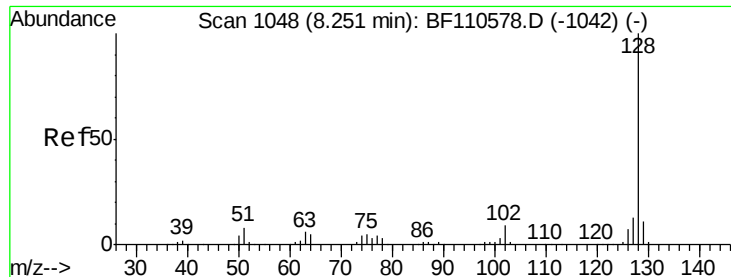
#30
 1,2,4-Trichlorobenzene
 Concen: 9.432 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF110939.D
 Acq: 21 Nov 2018 20:16

Tgt Ion:180 Resp: 29249
 Ion Ratio Lower Upper
 180 100
 182 95.1 80.3 120.5
 145 30.2 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

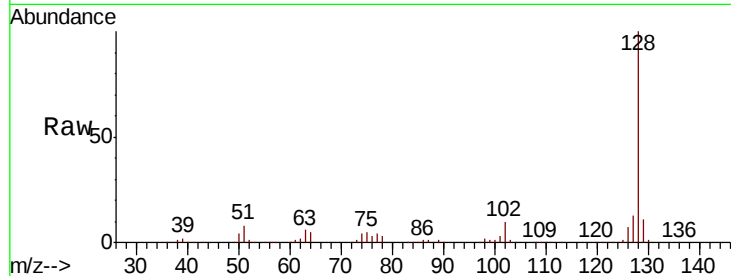




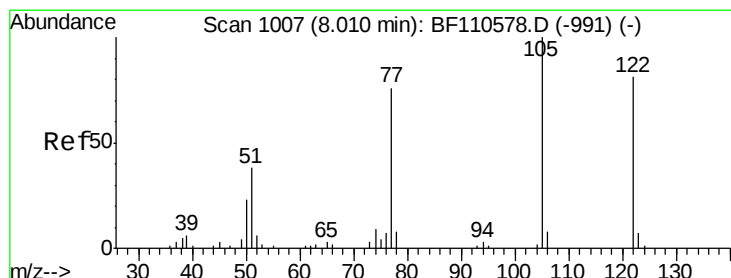
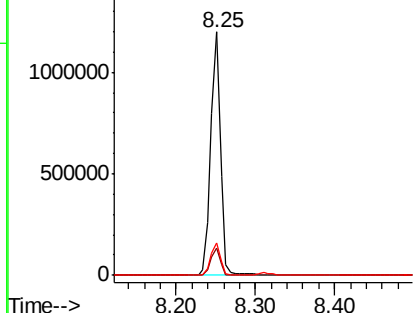
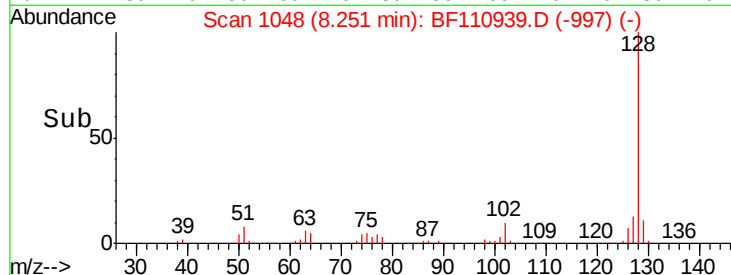
#31
Naphthalene
Concen: 110.487 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110939.D
Acq: 21 Nov 2018 20:16

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MSD

Tgt Ion:128 Resp: 1025754
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.5 10.8 16.2

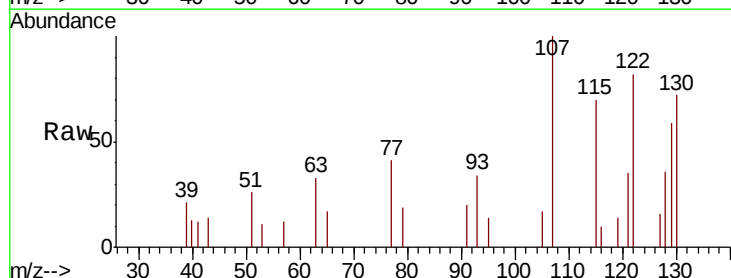


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

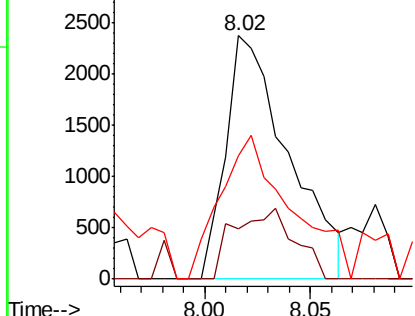
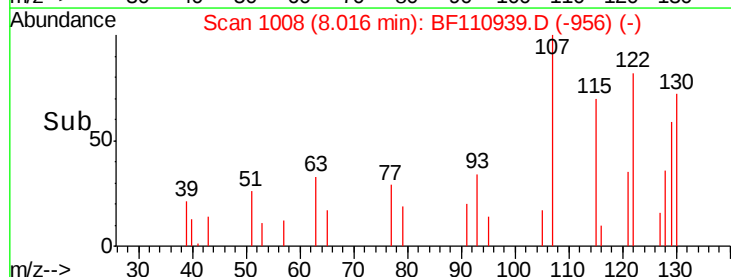


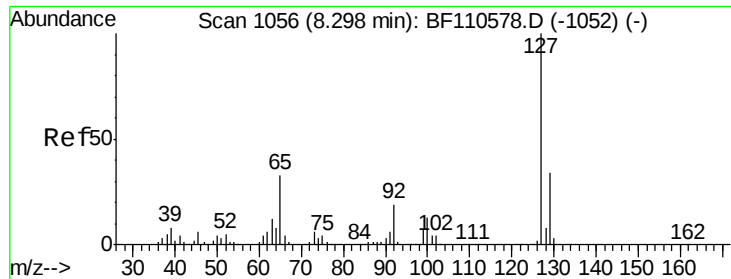
#32
Benzoic acid
Concen: 2.583 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF110939.D
Acq: 21 Nov 2018 20:16

Tgt Ion:122 Resp: 4886
Ion Ratio Lower Upper
122 100
105 20.5 109.0 149.0#
77 50.5 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

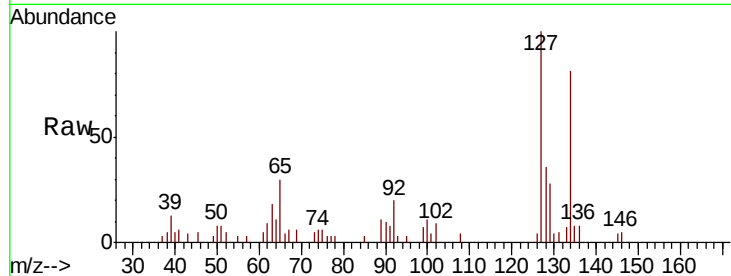




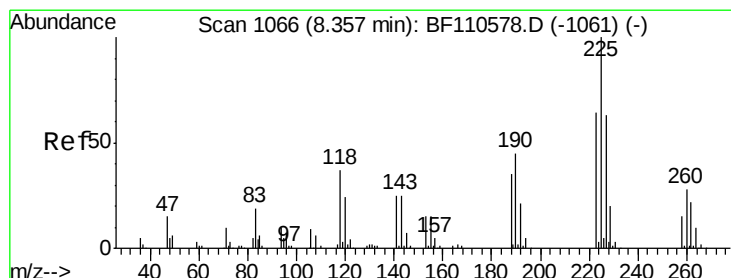
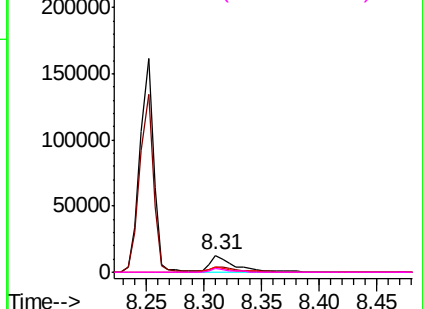
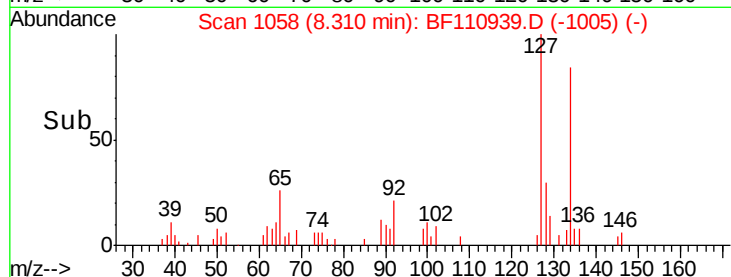
#33
4-Chloroaniline
Concen: 4.800 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.01 min
Lab File: BF110939.D
Acq: 21 Nov 2018 20:16

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MSD

Tgt Ion:	127	Resp:	20187
Ion	Ratio	Lower	Upper
127	100		
129	28.4	26.0	39.0
65	29.6	25.1	37.7
92	20.2	15.0	22.6

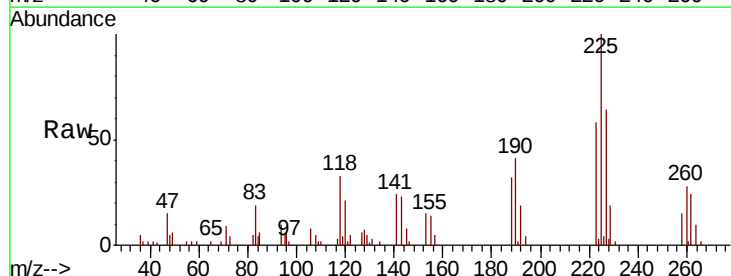


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

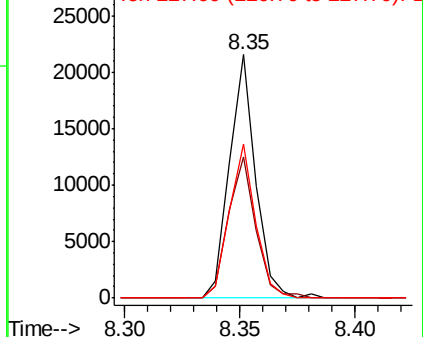
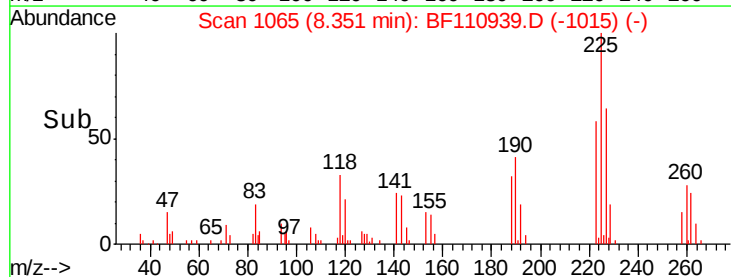


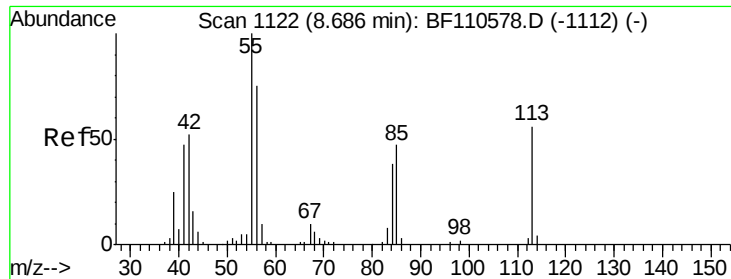
#34
Hexachlorobutadiene
Concen: 9.581 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF110939.D
Acq: 21 Nov 2018 20:16

Tgt Ion:	225	Resp:	16971
Ion	Ratio	Lower	Upper
225	100		
223	58.2	51.4	77.2
227	63.5	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: 8.036 ng

RT: 8.65 min Scan# 1115

Delta R.T. -0.04 min

Lab File: BF110939.D

Acq: 21 Nov 2018 20:16

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)MSD

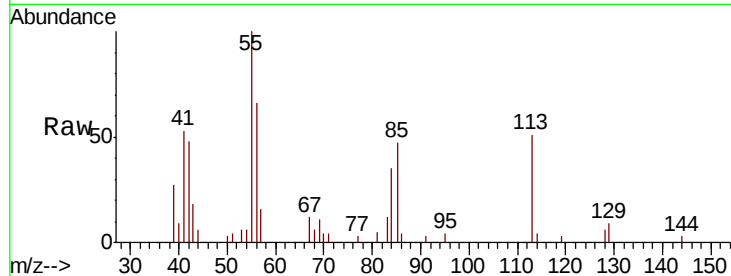
Tgt Ion:113 Resp: 7385

Ion Ratio Lower Upper

113 100

55 196.1 142.8 182.8#

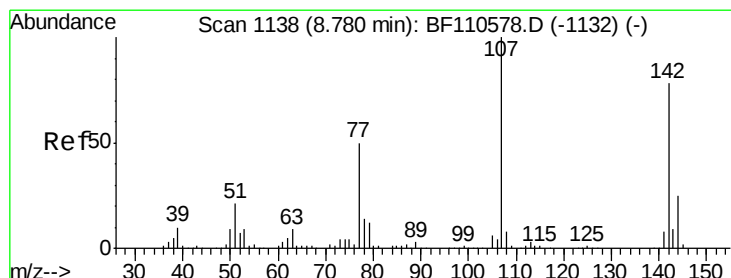
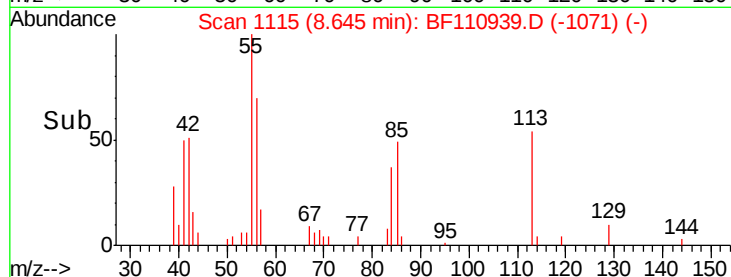
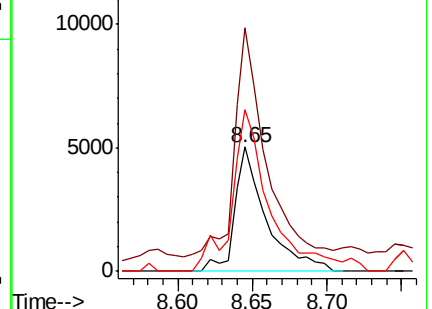
56 129.8 105.0 145.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 9.357 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.01 min

Lab File: BF110939.D

Acq: 21 Nov 2018 20:16

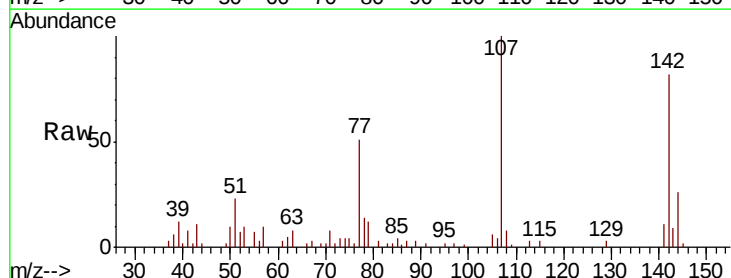
Tgt Ion:107 Resp: 27758

Ion Ratio Lower Upper

107 100

144 25.9 20.0 30.0

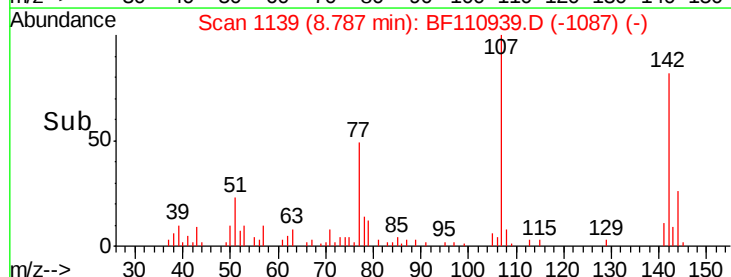
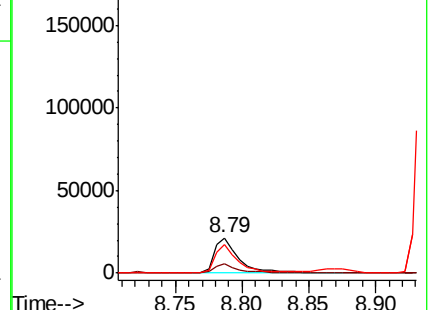
142 81.6 59.7 89.5

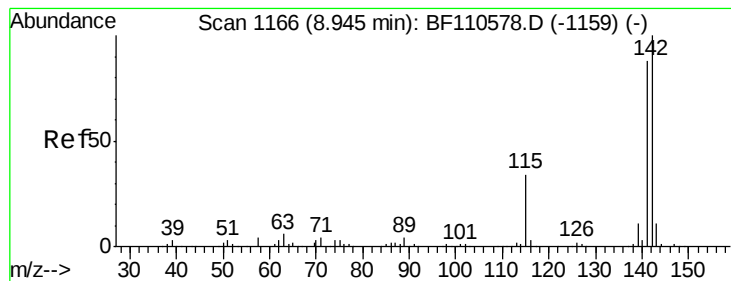


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

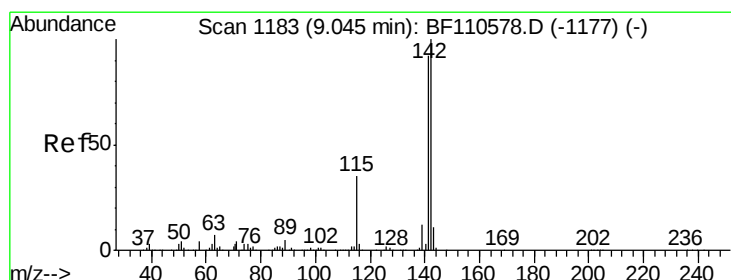
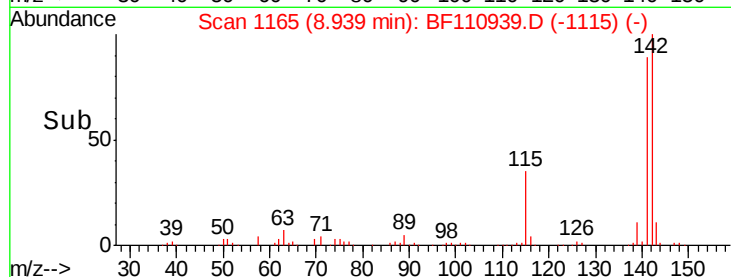
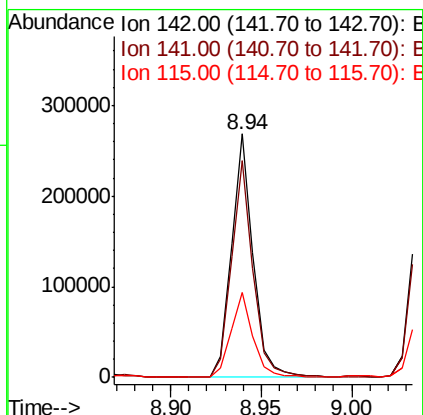
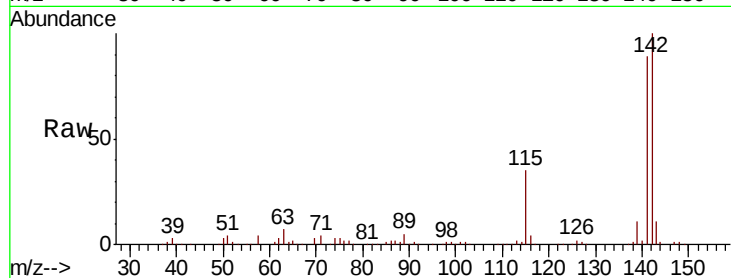




#37
 2-Methylnaphthalene
 Concen: 36.830 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF110939.D
 Acq: 21 Nov 2018 20:16

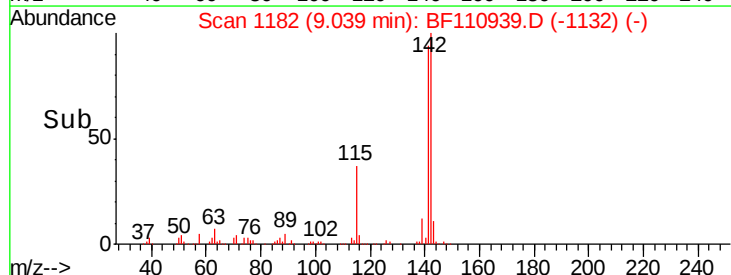
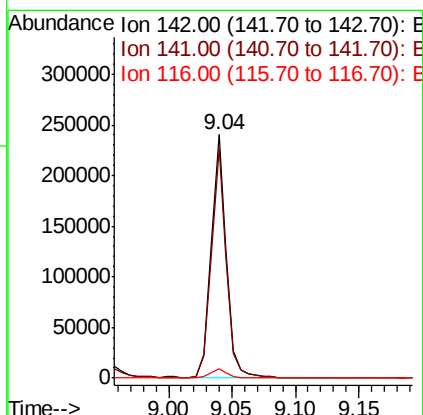
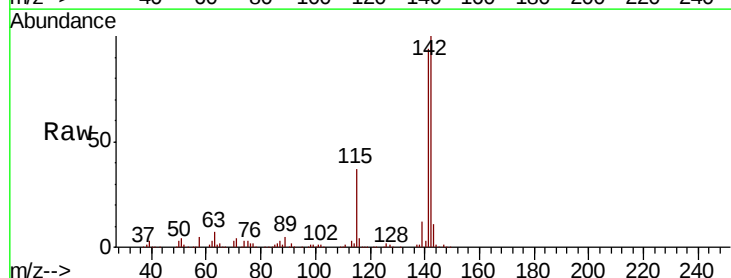
Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MSD

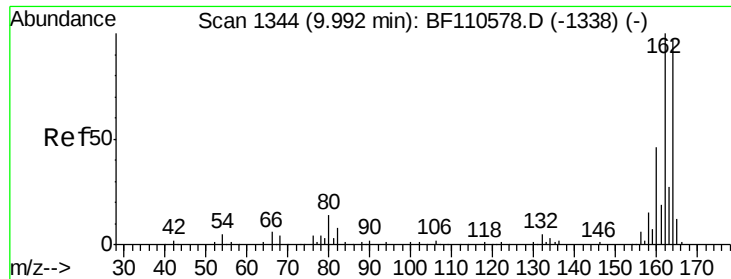
Tgt Ion:142 Resp: 224151
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.4 107.2
 115 34.9 28.7 43.1



#38
 1-Methylnaphthalene
 Concen: 35.081 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF110939.D
 Acq: 21 Nov 2018 20:16

Tgt Ion:142 Resp: 205332
 Ion Ratio Lower Upper
 142 100
 141 94.4 74.2 111.4
 116 3.7 2.6 4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110939.D

Acq: 21 Nov 2018 20:16

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)MSD

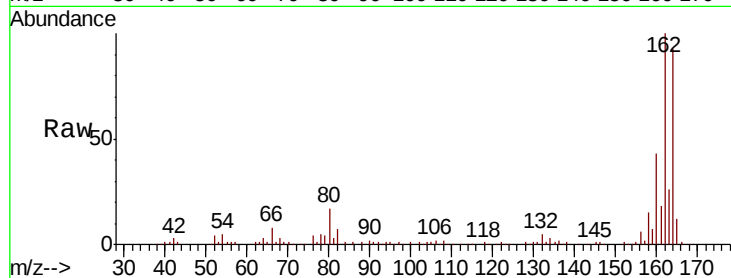
Tgt Ion:164 Resp: 79607

Ion Ratio Lower Upper

164 100

162 107.7 83.0 124.6

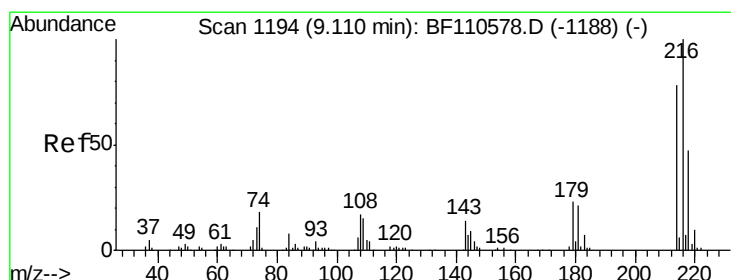
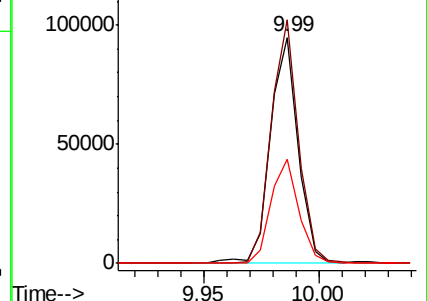
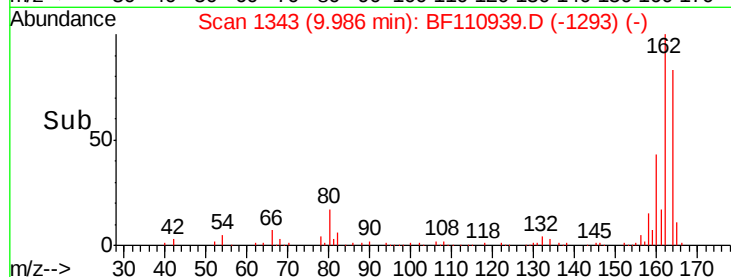
160 46.2 37.0 55.6



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: 9.900 ng

RT: 9.11 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BF110939.D

Acq: 21 Nov 2018 20:16

Tgt Ion:216 Resp: 24946

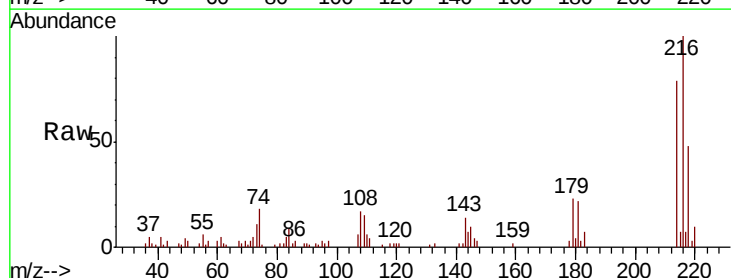
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.6

179 21.4 16.6 25.0

108 18.3 15.1 22.7

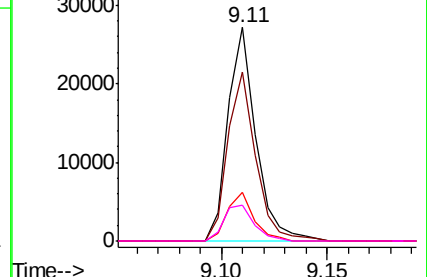
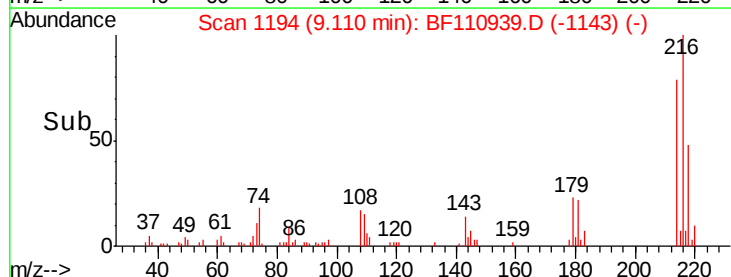


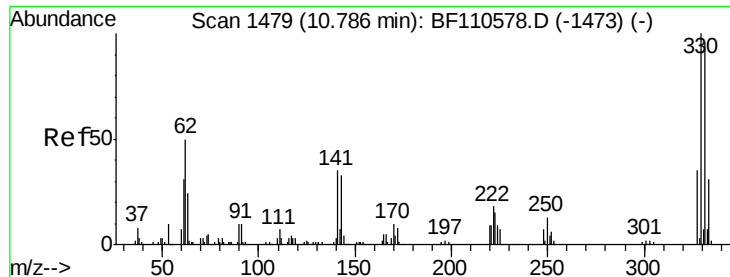
Abundance Ion 216.00 (215.70 to 216.70): E

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

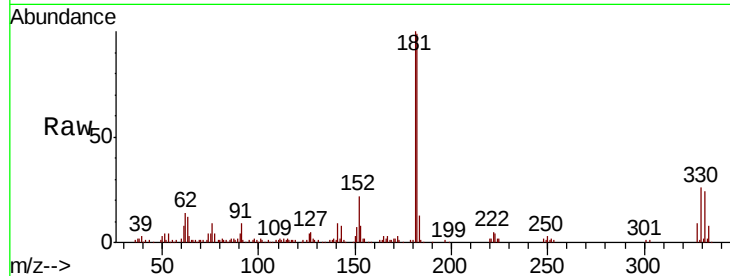




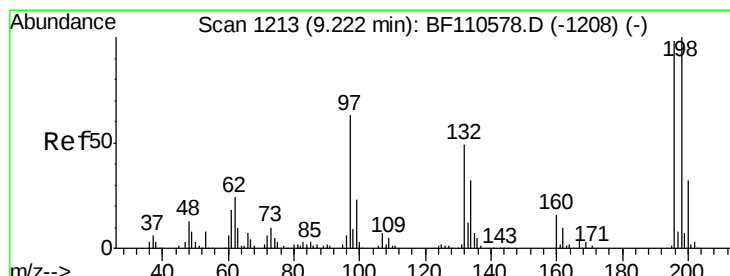
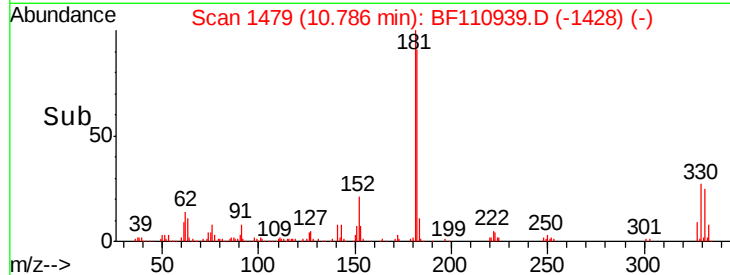
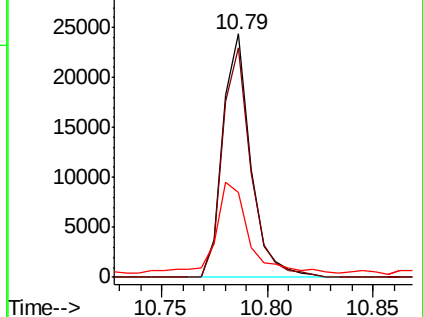
#42
 2,4,6-Tribromophenol
 Concen: 27.902 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF110939.D
 Acq: 21 Nov 2018 20:16

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MSD

Tgt Ion:330 Resp: 22381
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.1 115.7
 141 43.9 27.0 40.4#

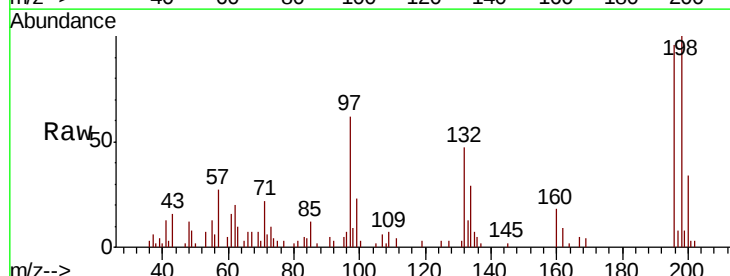


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

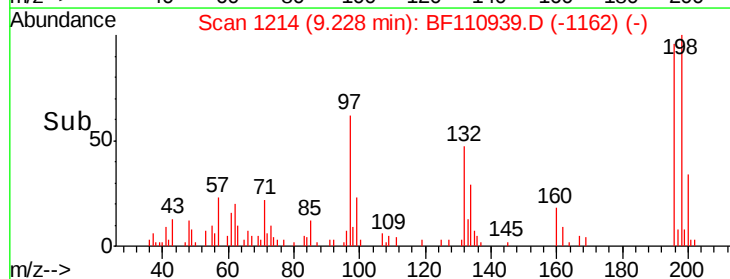
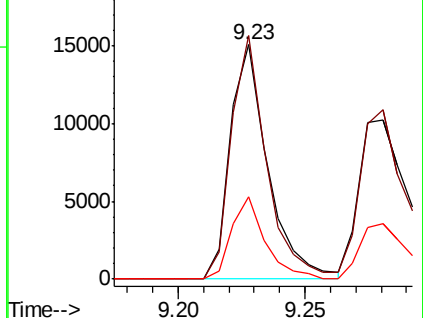


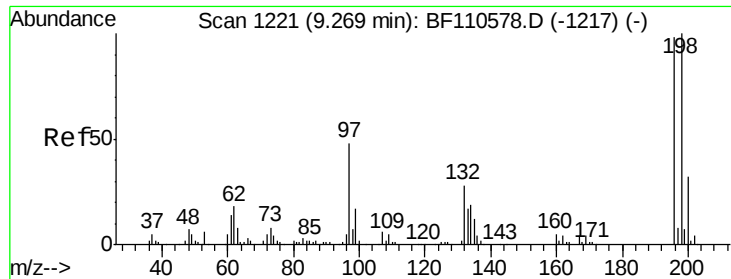
#43
 2,4,6-Trichlorophenol
 Concen: 9.857 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.01 min
 Lab File: BF110939.D
 Acq: 21 Nov 2018 20:16

Tgt Ion:196 Resp: 15609
 Ion Ratio Lower Upper
 196 100
 198 103.8 76.2 114.4
 200 35.1 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

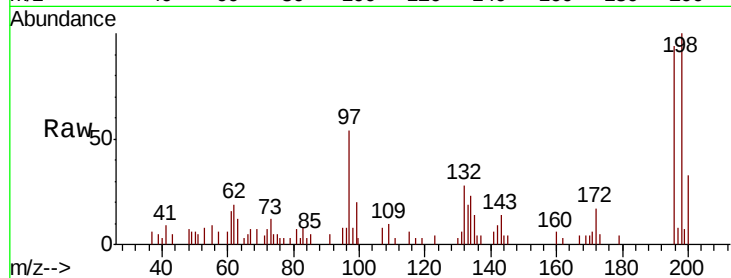




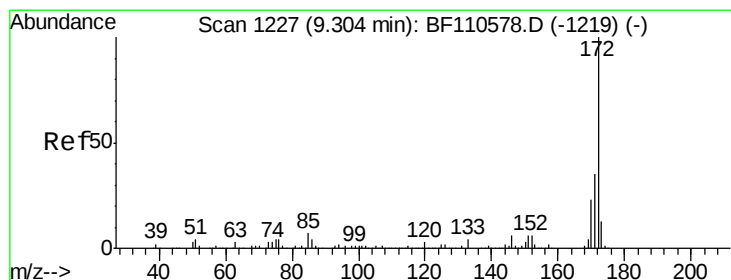
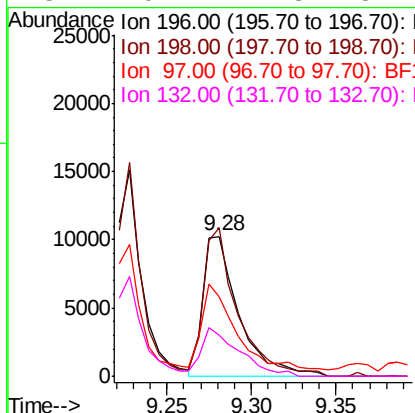
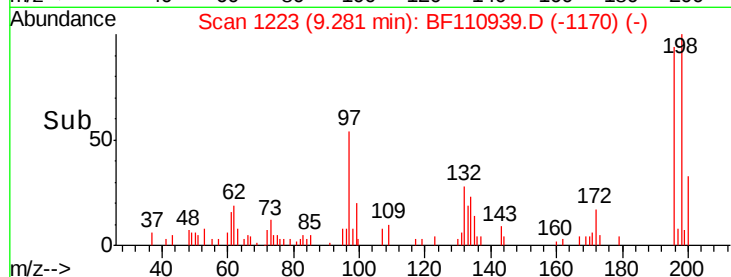
#44
 2,4,5-Trichlorophenol
 Concen: 9.050 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF110939.D
 Acq: 21 Nov 2018 20:16

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MSD

Tgt Ion:196 Resp: 15287
 Ion Ratio Lower Upper
 196 100
 198 106.3 75.8 113.6
 97 56.9 42.4 63.6
 132 29.7 22.8 34.2

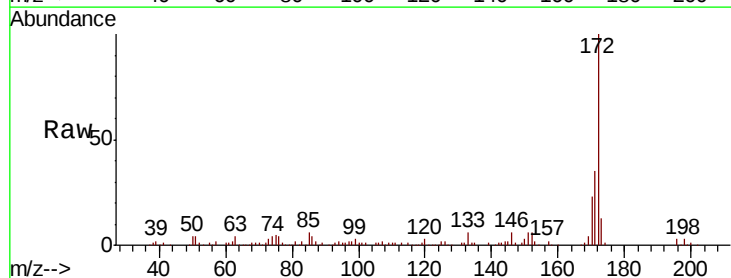


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

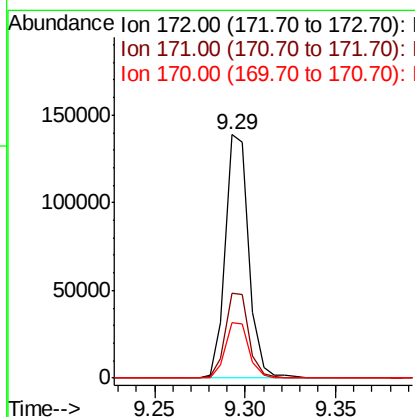
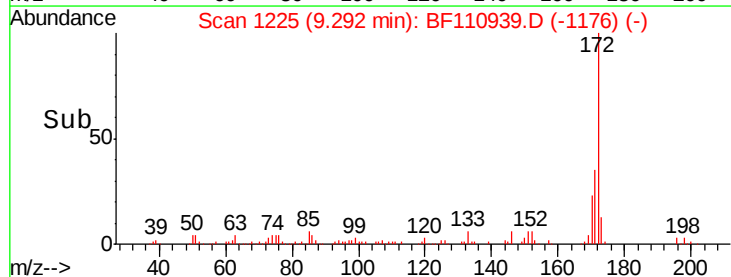


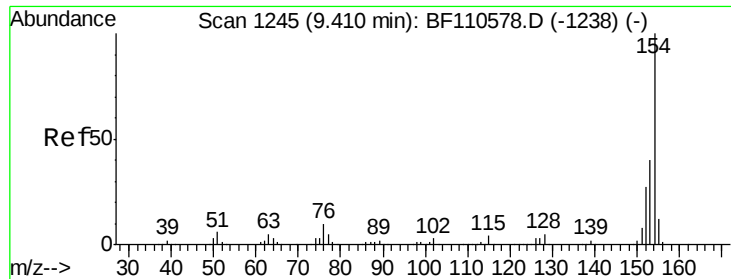
#45
 2-Fluorobiphenyl
 Concen: 22.541 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF110939.D
 Acq: 21 Nov 2018 20:16

Tgt Ion:172 Resp: 125642
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.6 43.0
 170 22.7 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

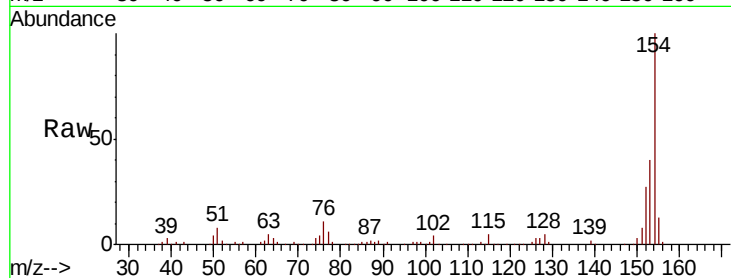




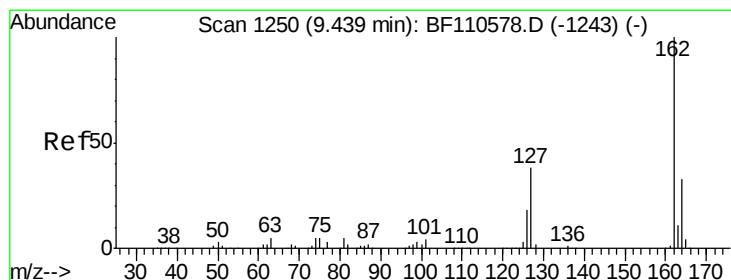
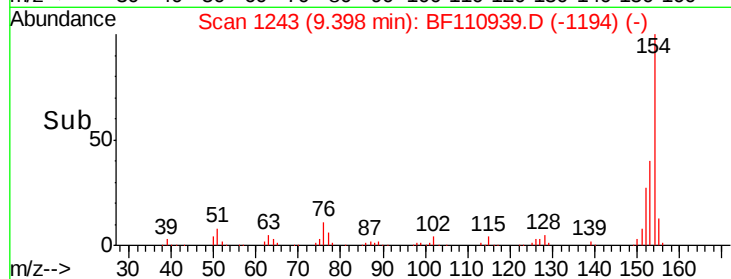
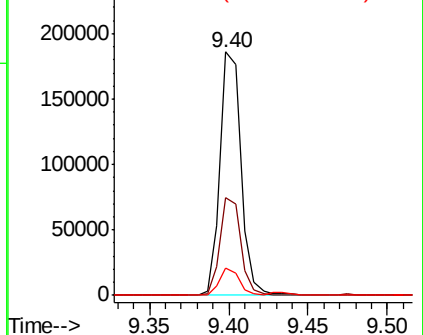
#46
 1,1'-Biphenyl
 Concen: 23.148 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: BF110939.D
 Acq: 21 Nov 2018 20:16

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MSD

Tgt Ion:154 Resp: 171900
 Ion Ratio Lower Upper
 154 100
 153 40.0 20.4 60.4
 76 11.1 0.0 31.9

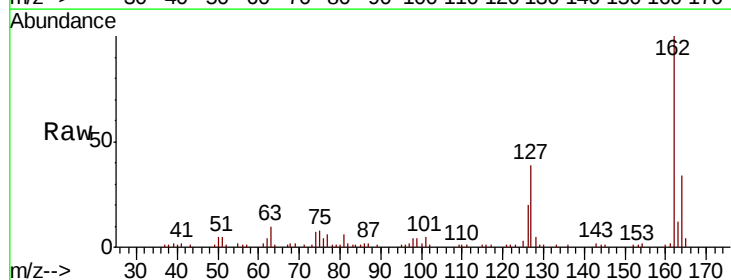


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

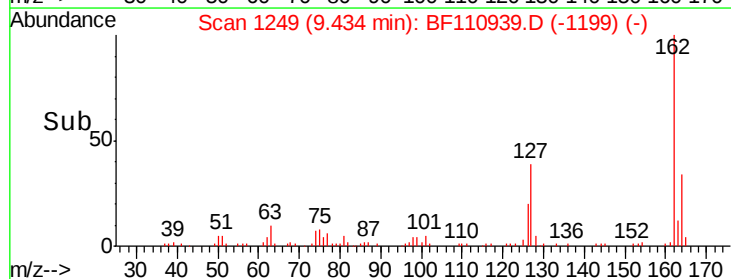
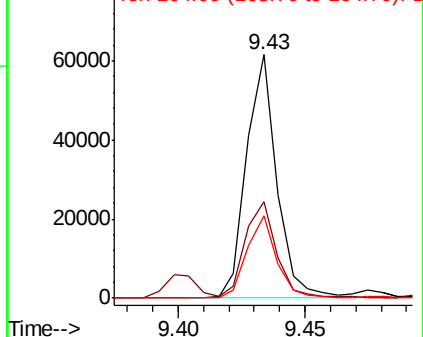


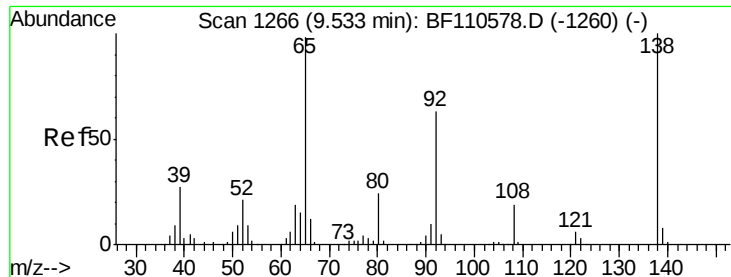
#47
 2-Chloronaphthalene
 Concen: 9.574 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF110939.D
 Acq: 21 Nov 2018 20:16

Tgt Ion:162 Resp: 51223
 Ion Ratio Lower Upper
 162 100
 127 39.4 32.6 48.8
 164 33.8 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

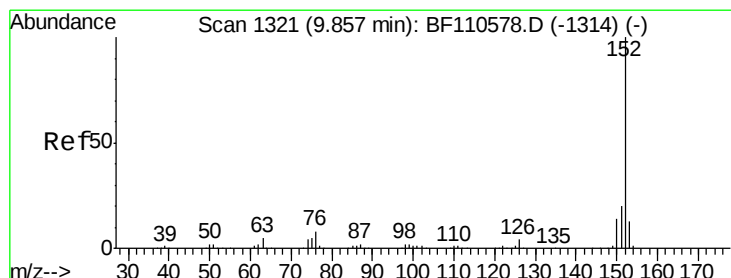
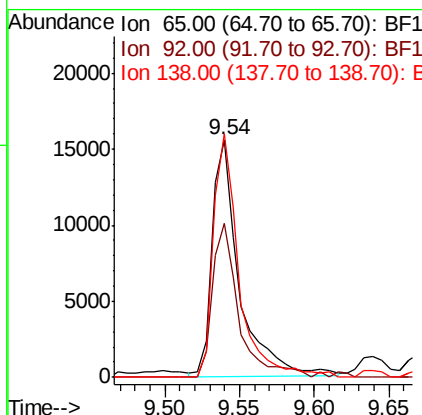
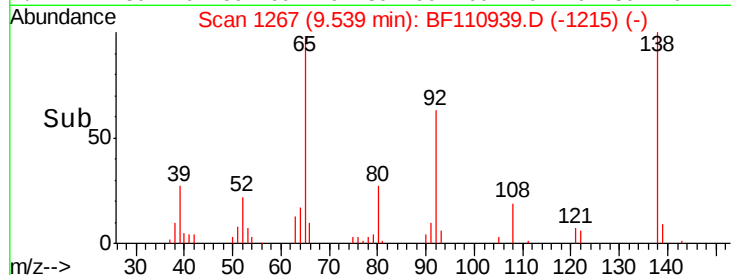
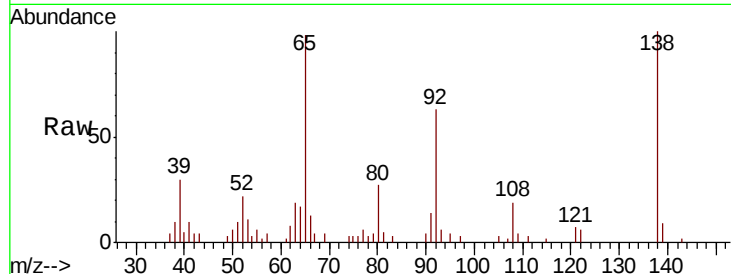




#48
 2-Nitroaniline
 Concen: 11.894 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. 0.01 min
 Lab File: BF110939.D
 Acq: 21 Nov 2018 20:16

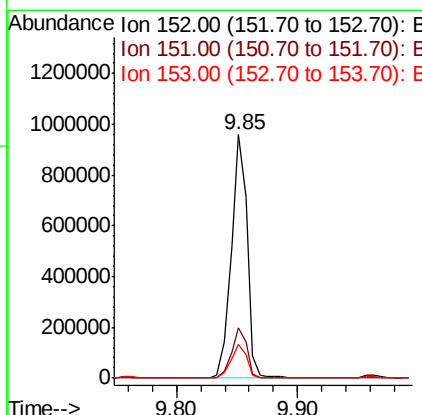
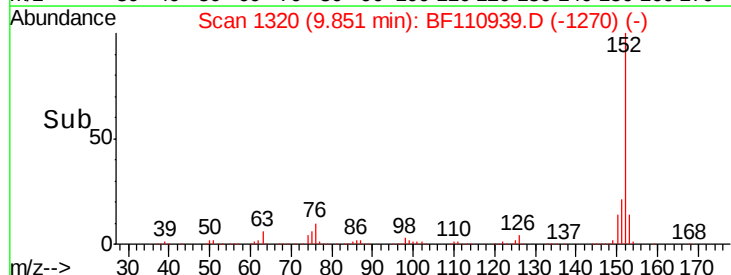
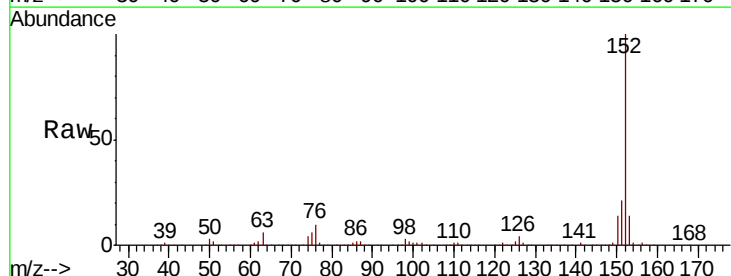
Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MSD

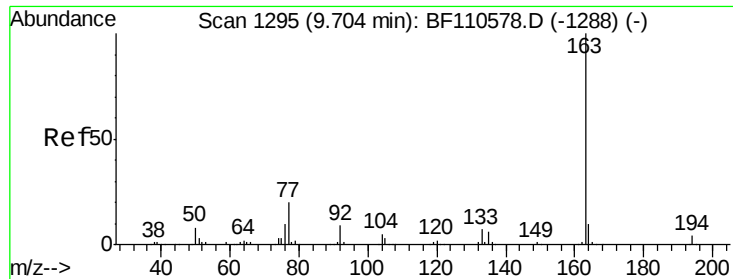
Tgt Ion: 65 Resp: 19610
 Ion Ratio Lower Upper
 65 100
 92 64.8 54.6 81.8
 138 102.5 80.3 120.5



#49
 Acenaphthylene
 Concen: 113.490 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF110939.D
 Acq: 21 Nov 2018 20:16

Tgt Ion: 152 Resp: 874424
 Ion Ratio Lower Upper
 152 100
 151 20.7 15.8 23.8
 153 14.0 10.4 15.6

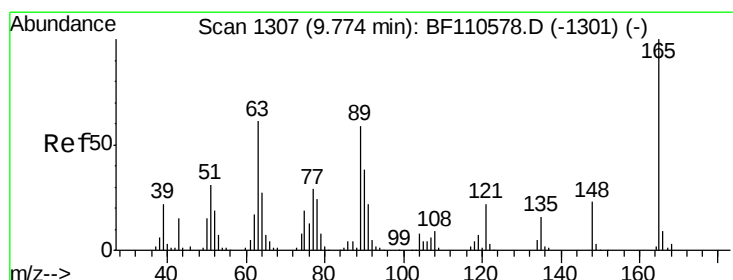
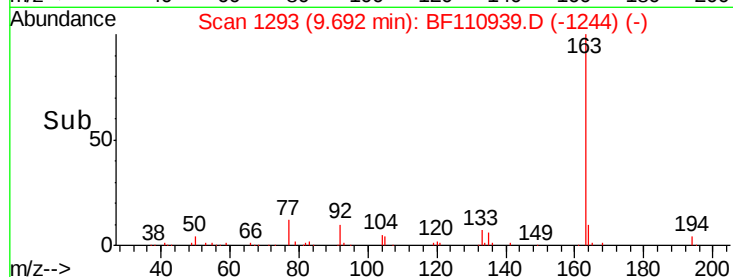
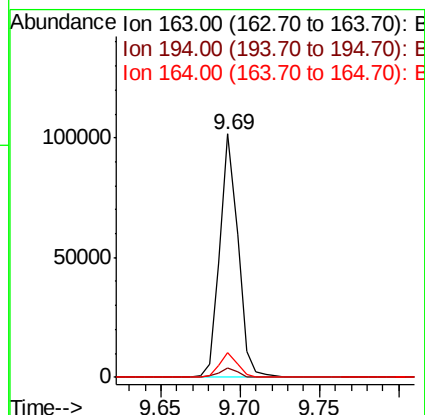
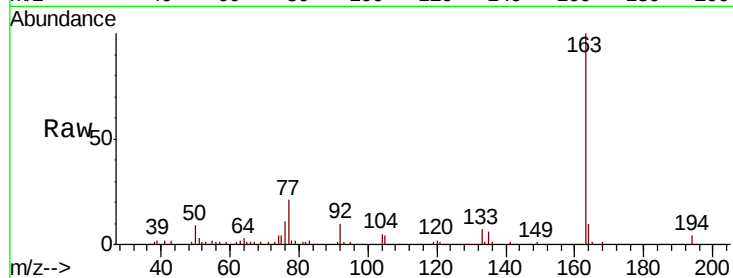




#50
Dimethylphthalate
Concen: 13.720 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110939.D
Acq: 21 Nov 2018 20:16

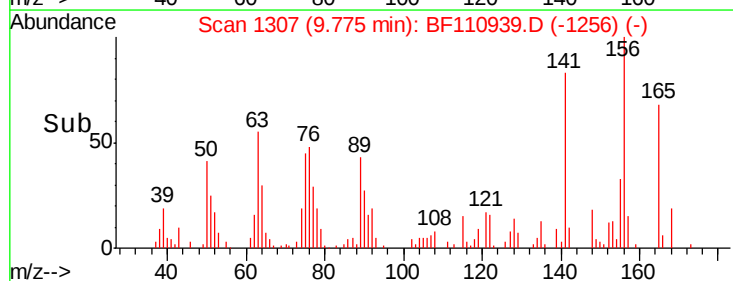
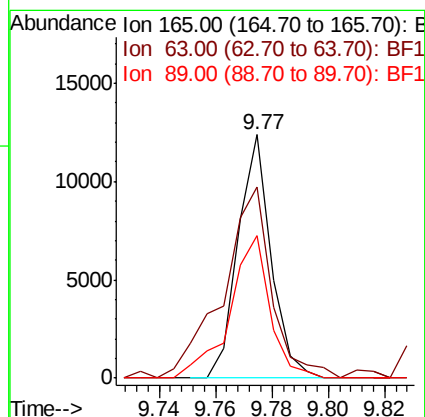
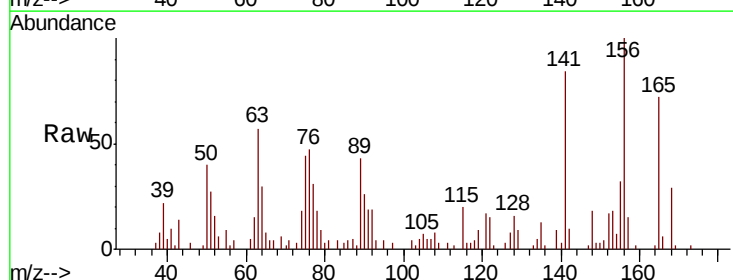
Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MSD

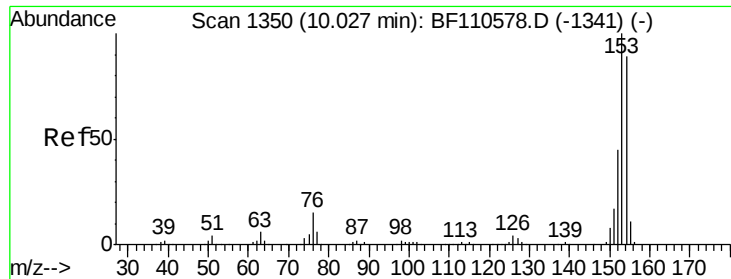
Tgt Ion:163 Resp: 81497
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.3 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 7.689 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF110939.D
Acq: 21 Nov 2018 20:16

Tgt Ion:165 Resp: 10047
Ion Ratio Lower Upper
165 100
63 78.6 48.9 73.3#
89 58.7 46.6 69.8





#52

Acenaphthene

Concen: 47.292 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BF110939.D

Acq: 21 Nov 2018 20:16

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)MSD

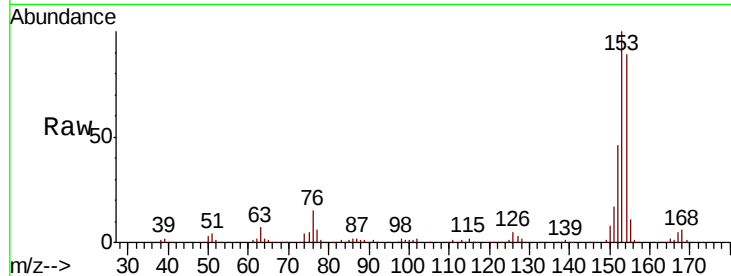
Tgt Ion:154 Resp: 230277

Ion Ratio Lower Upper

154 100

153 112.8 90.1 135.1

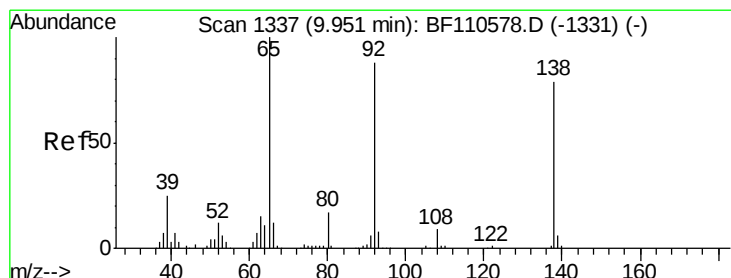
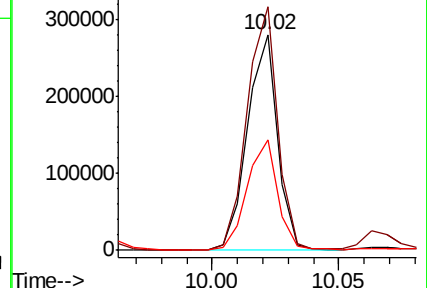
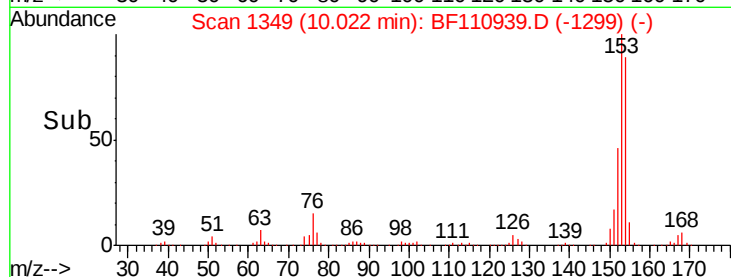
152 51.5 43.4 65.2



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: 7.758 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF110939.D

Acq: 21 Nov 2018 20:16

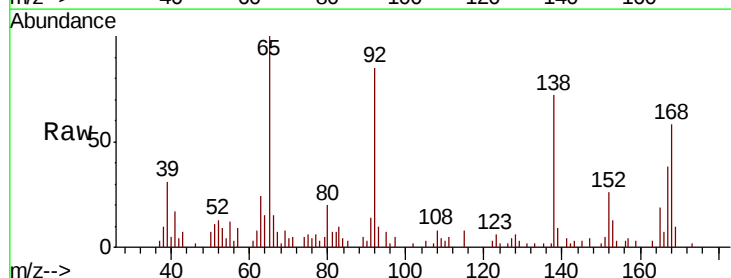
Tgt Ion:138 Resp: 11744

Ion Ratio Lower Upper

138 100

108 11.6 8.7 13.1

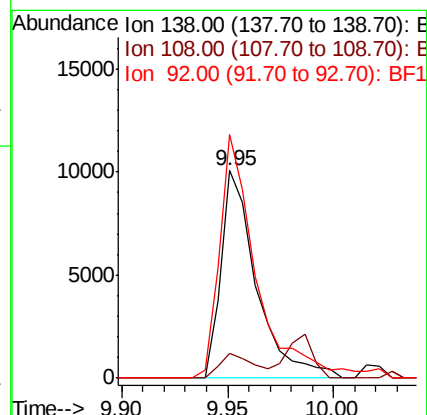
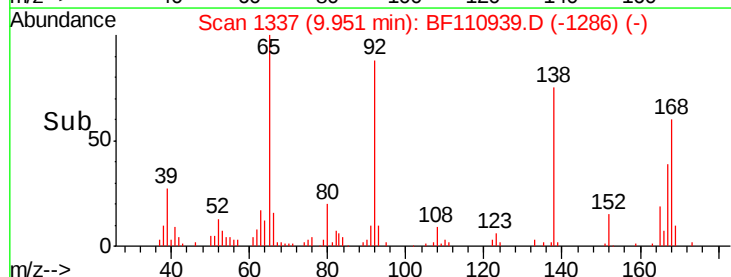
92 117.3 97.0 145.4

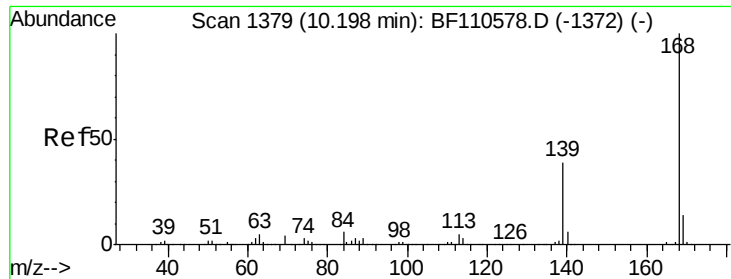


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

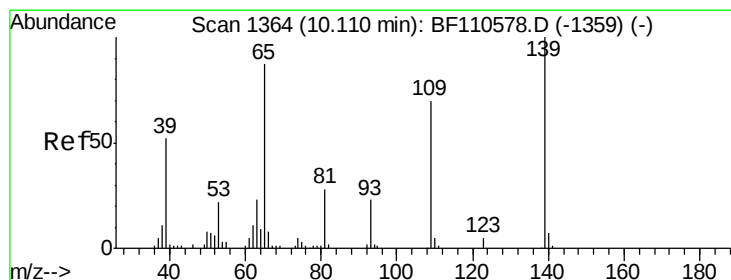
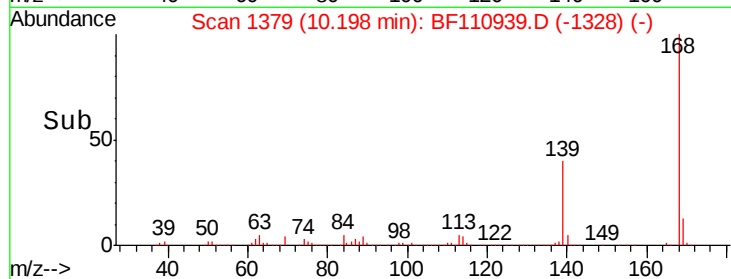
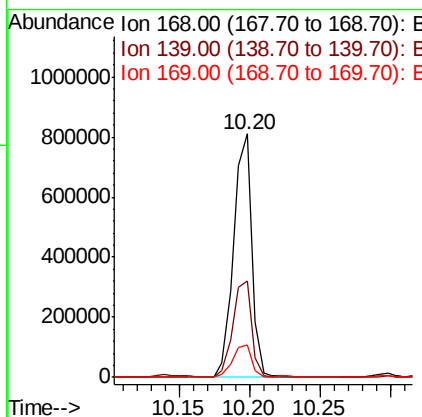
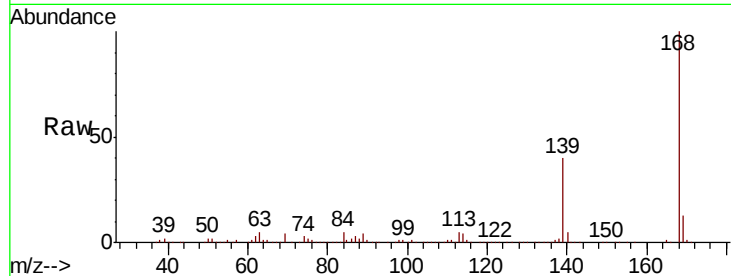




#55
Dibenzenofuran
Concen: 102.302 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BF110939.D
Acq: 21 Nov 2018 20:16

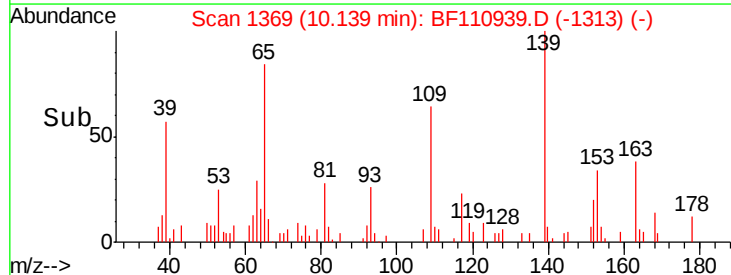
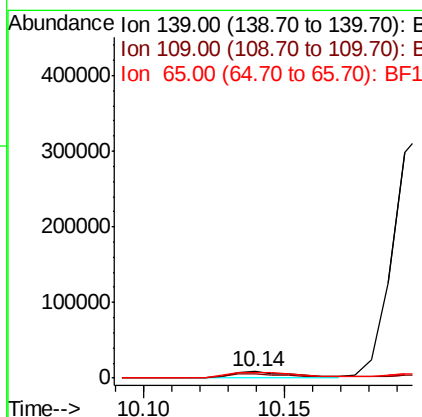
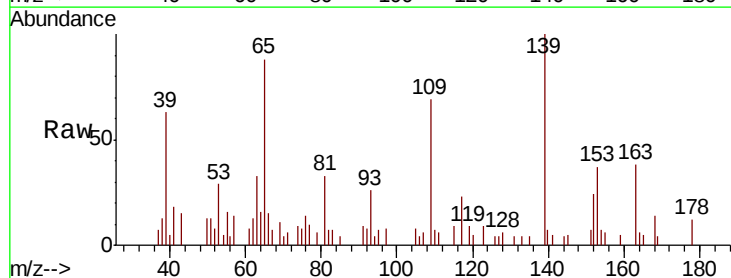
Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MSD

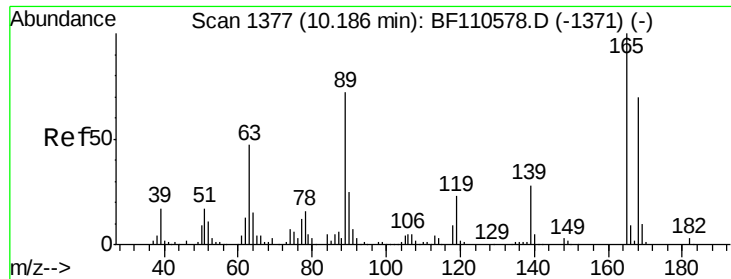
Tgt Ion:168 Resp: 728795
Ion Ratio Lower Upper
168 100
139 39.7 33.0 49.6
169 13.4 11.3 16.9



#56
4-Nitrophenol
Concen: 13.574 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.03 min
Lab File: BF110939.D
Acq: 21 Nov 2018 20:16

Tgt Ion:139 Resp: 13633
Ion Ratio Lower Upper
139 100
109 68.7 55.8 95.8
65 88.0 77.9 117.9

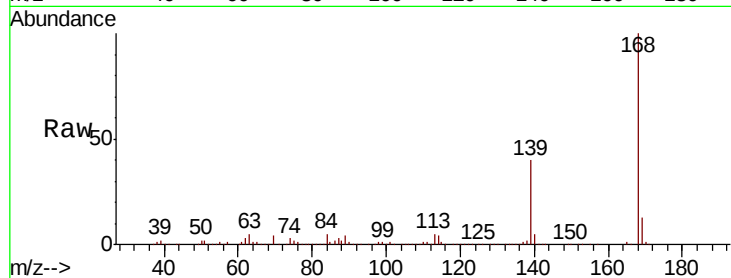




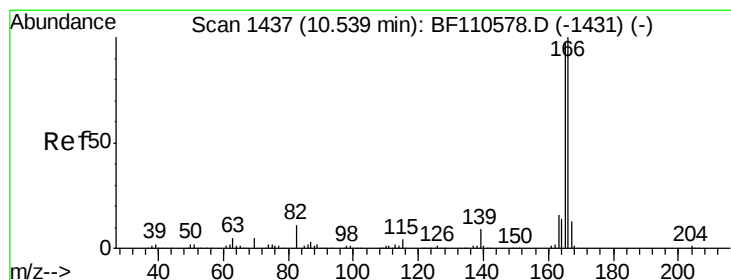
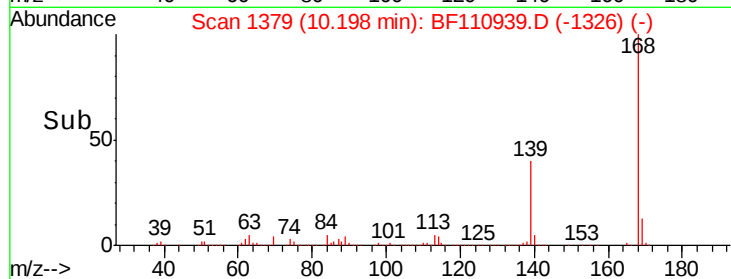
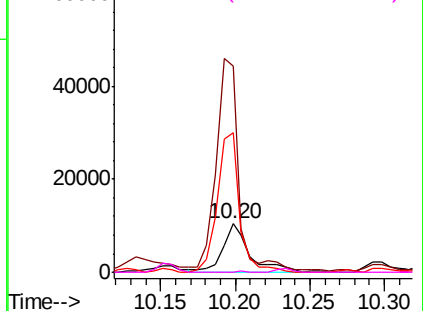
#57
2,4-Dinitrotoluene
Concen: 7.877 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF110939.D
Acq: 21 Nov 2018 20:16

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MSD

Tgt Ion:165 Resp: 13383
Ion Ratio Lower Upper
165 100
63 426.6 44.8 67.2#
89 287.1 62.2 93.4#
182 0.0 2.1 3.1#

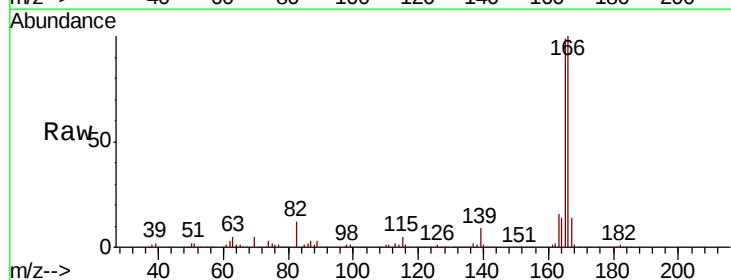


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

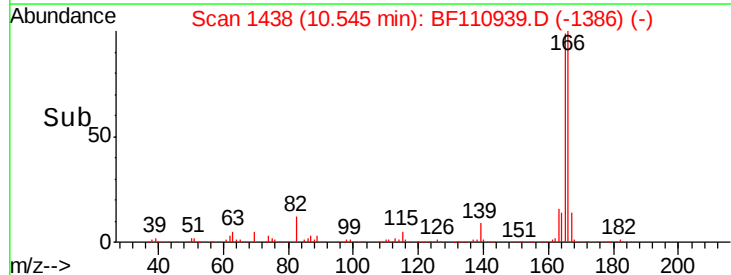
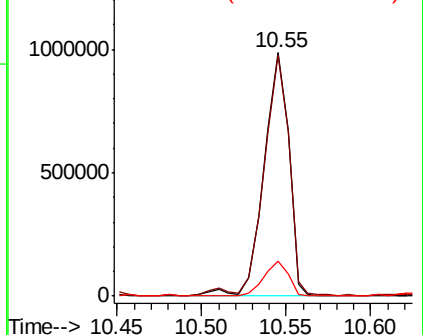


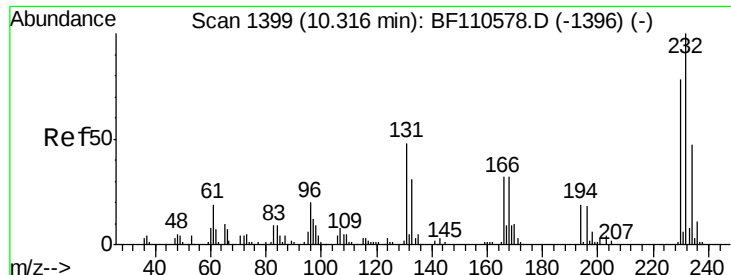
#58
Fluorene
Concen: 184.473 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF110939.D
Acq: 21 Nov 2018 20:16

Tgt Ion:166 Resp: 1009427
Ion Ratio Lower Upper
166 100
165 99.3 78.6 117.8
167 14.2 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

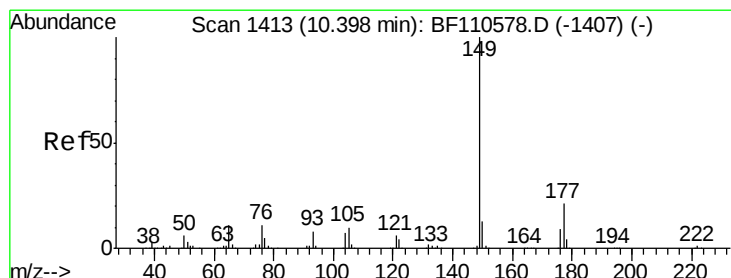
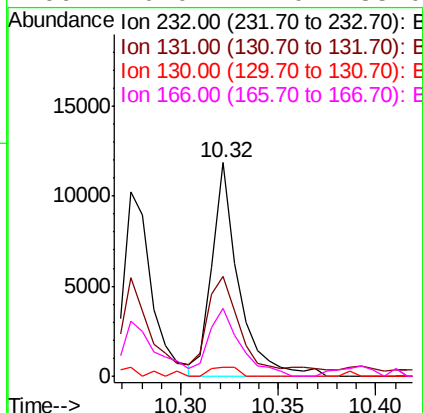
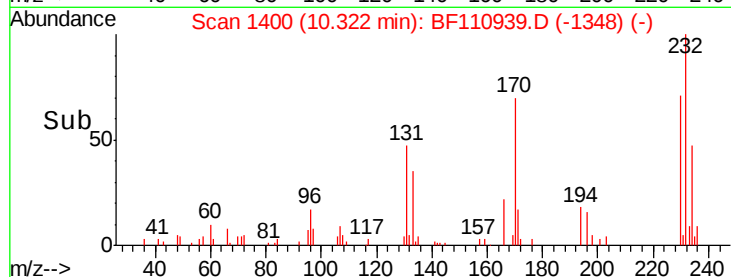
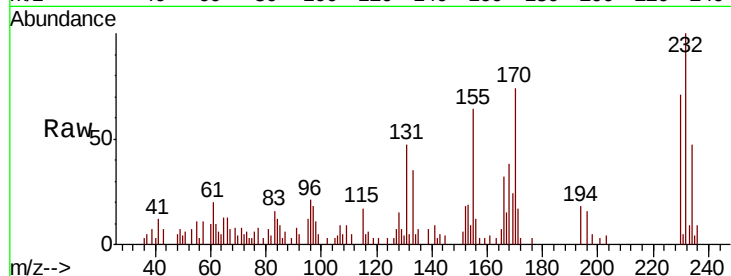




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 8.515 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.01 min
 Lab File: BF110939.D
 Acq: 21 Nov 2018 20:16

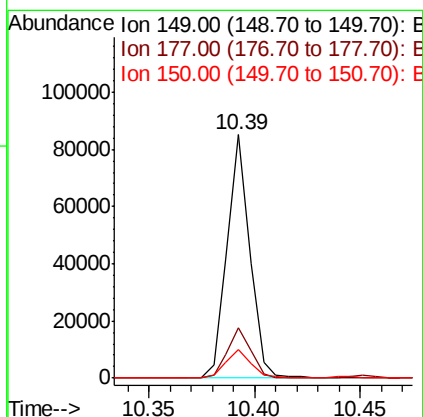
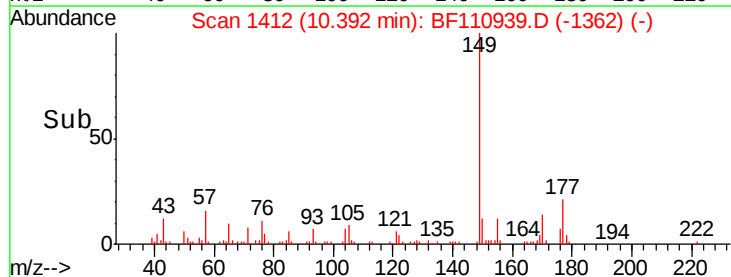
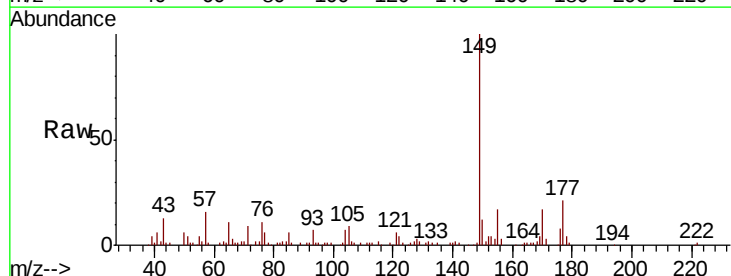
Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MSD

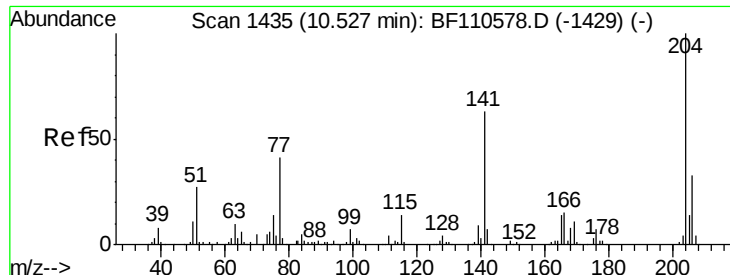
Tgt Ion: 232 Resp: 11314
 Ion Ratio Lower Upper
 232 100
 131 64.1 37.0 55.4#
 130 4.3 1.8 2.6#
 166 0.0 22.0 33.0#



#60
 Diethylphthalate
 Concen: 10.782 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF110939.D
 Acq: 21 Nov 2018 20:16

Tgt Ion: 149 Resp: 63363
 Ion Ratio Lower Upper
 149 100
 177 20.5 17.4 26.2
 150 12.0 9.8 14.8

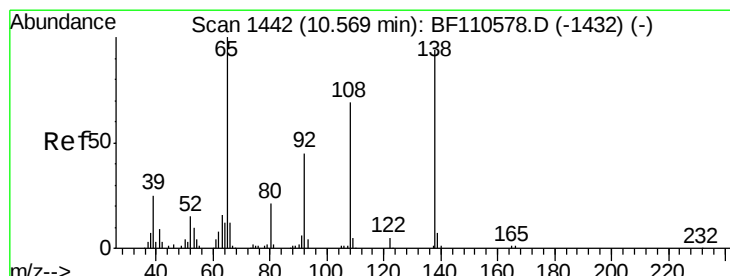
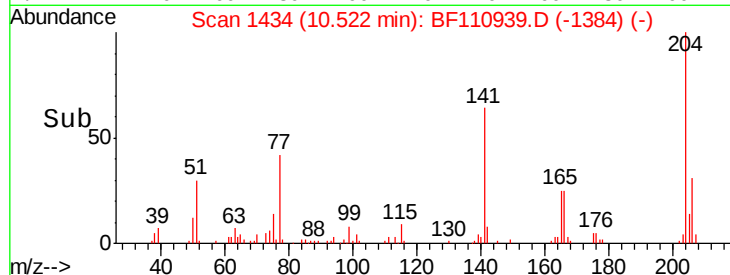
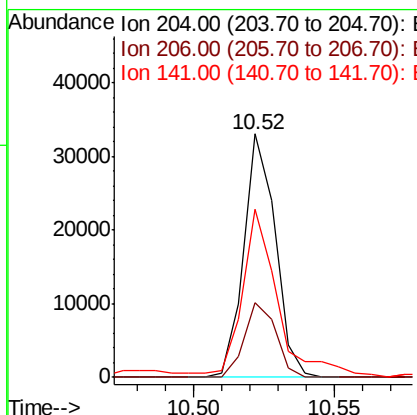
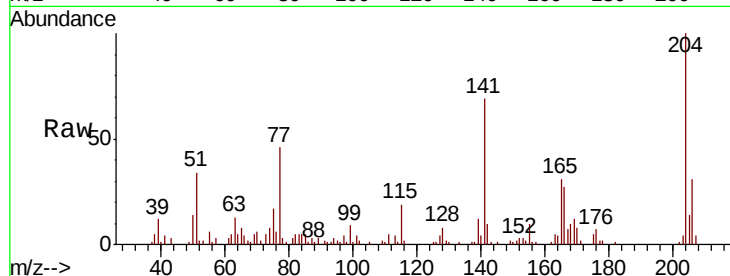




#61
 4-Chlorophenyl-phenylether
 Concen: 9.041 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF110939.D
 Acq: 21 Nov 2018 20:16

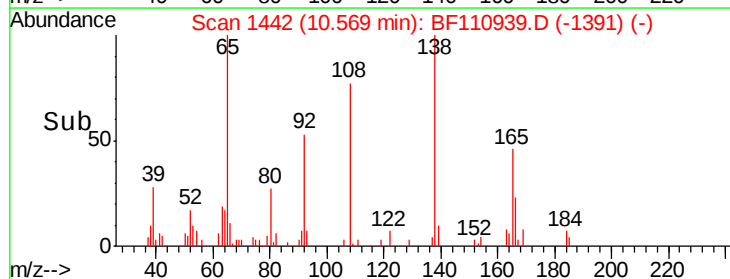
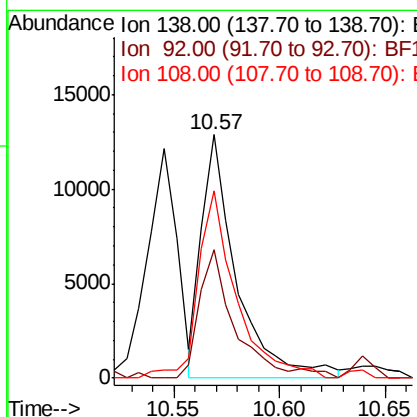
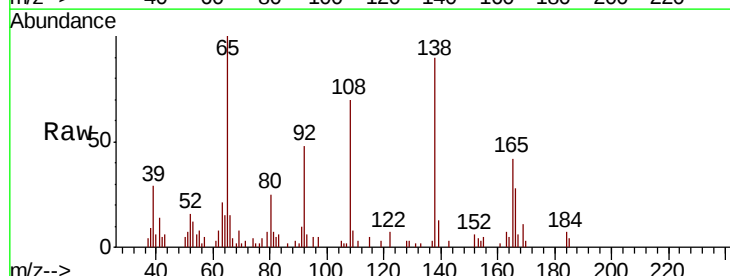
Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MSD

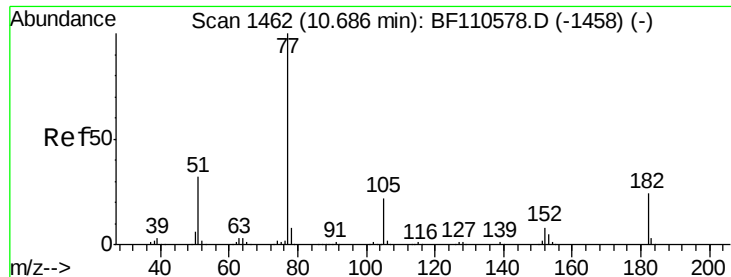
Tgt Ion: 204 Resp: 25614
 Ion Ratio Lower Upper
 204 100
 206 30.7 26.5 39.7
 141 69.2 51.8 77.8



#62
 4-Nitroaniline
 Concen: 9.799 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF110939.D
 Acq: 21 Nov 2018 20:16

Tgt Ion: 138 Resp: 14938
 Ion Ratio Lower Upper
 138 100
 92 52.6 31.7 71.7
 108 76.9 59.3 99.3

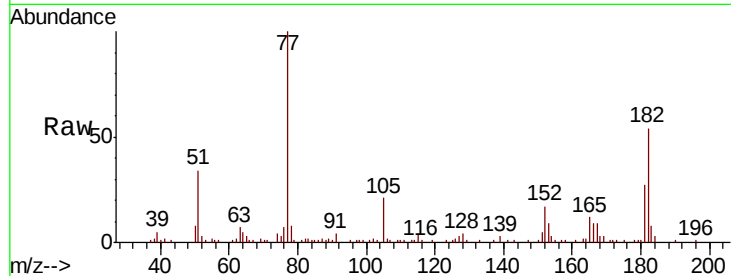




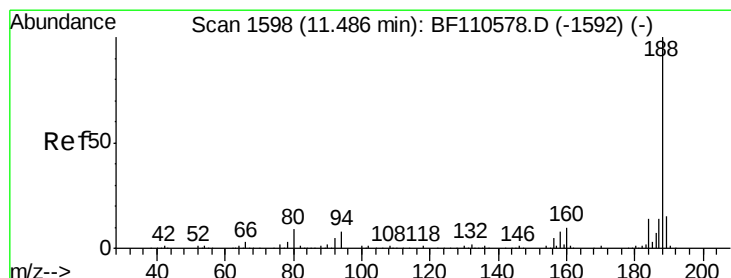
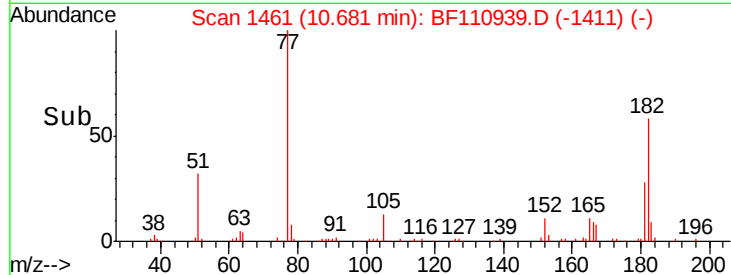
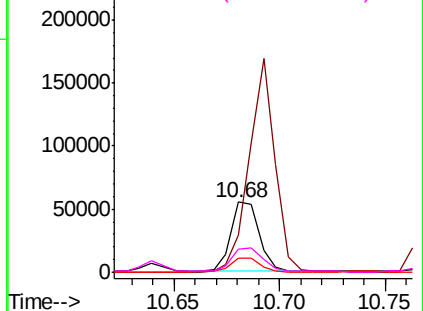
#63
Azobenzene
Concen: 8.977 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF110939.D
Acq: 21 Nov 2018 20:16

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MSD

Tgt Ion: 77 Resp: 51468
Ion Ratio Lower Upper
77 100
182 53.9 4.3 44.3#
105 20.7 1.3 41.3
51 33.7 9.0 49.0

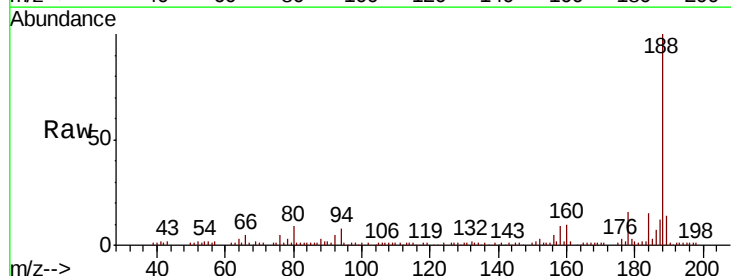


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

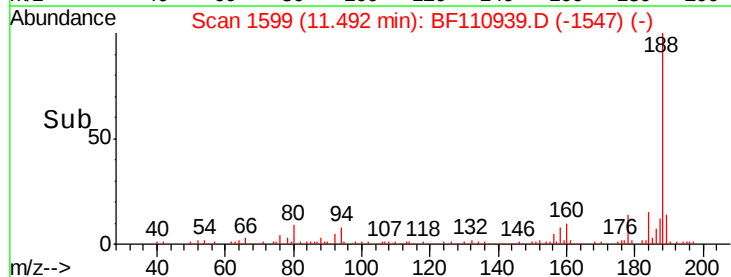
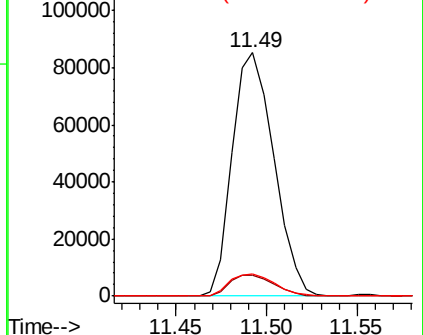


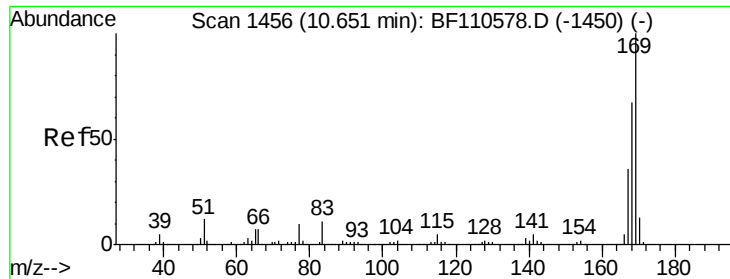
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.01 min
Lab File: BF110939.D
Acq: 21 Nov 2018 20:16

Tgt Ion: 188 Resp: 136486
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 9.1 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

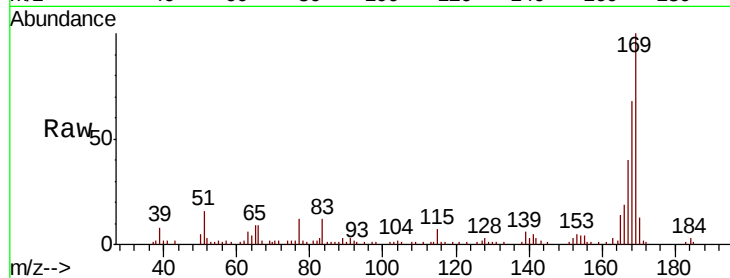




#66
 n-Nitrosodiphenylamine
 Concen: 10.546 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF110939.D
 Acq: 21 Nov 2018 20:16

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MSD

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.9	51.2	76.8
167	40.3	27.8	41.6

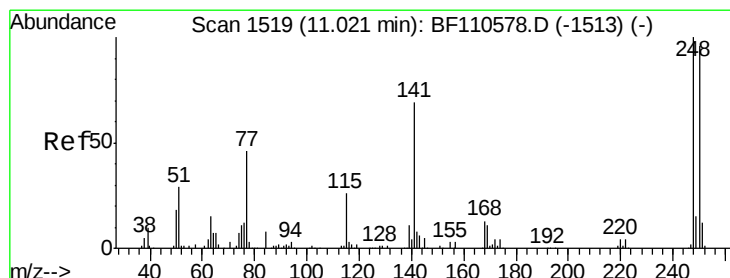
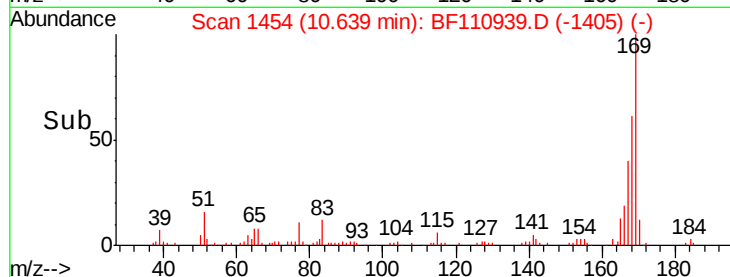
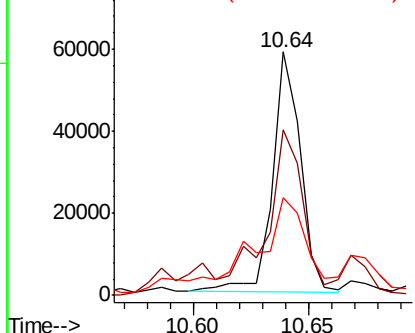


Abundance

Ion 169.00 (168.70 to 169.70): E

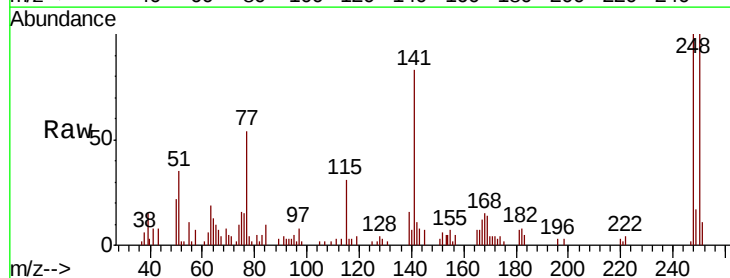
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67
 4-Bromophenyl-phenylether
 Concen: 9.353 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF110939.D
 Acq: 21 Nov 2018 20:16

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.3	79.4	119.2
141	82.8	55.9	83.9

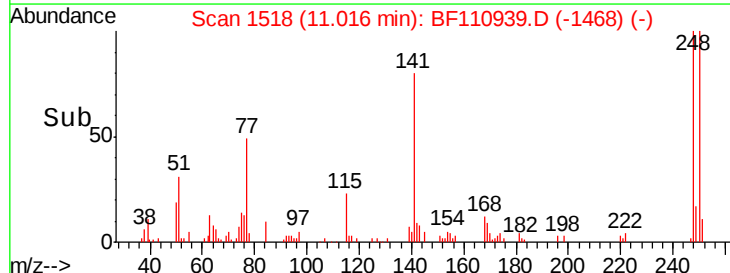
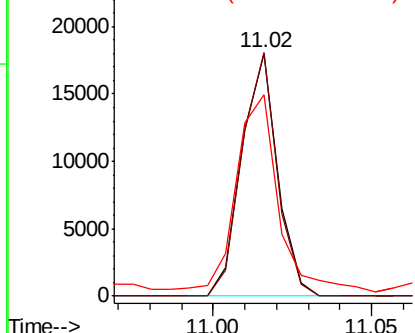


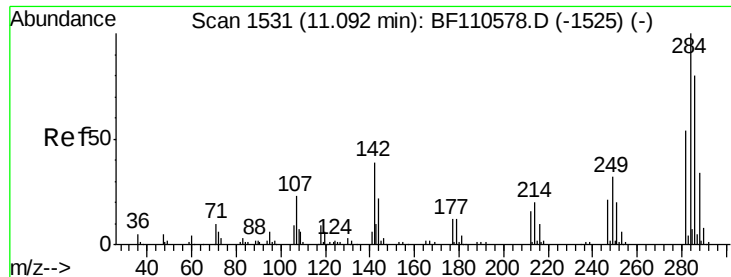
Abundance

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

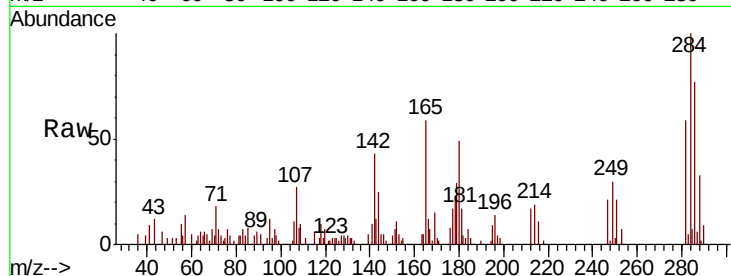




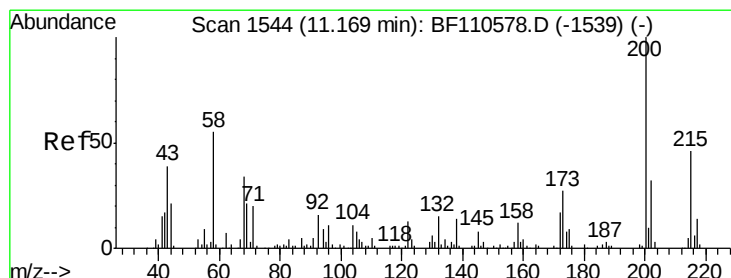
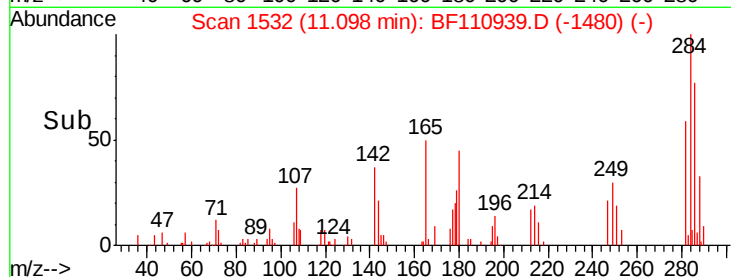
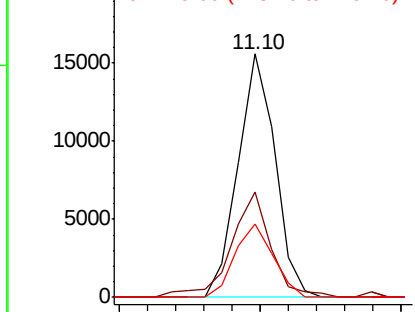
#68
Hexachlorobenzene
Concen: 8.954 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF110939.D
Acq: 21 Nov 2018 20:16

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MSD

Tgt Ion: 284 Resp: 14240
Ion Ratio Lower Upper
284 100
142 43.3 23.9 35.9#
249 30.3 24.2 36.2

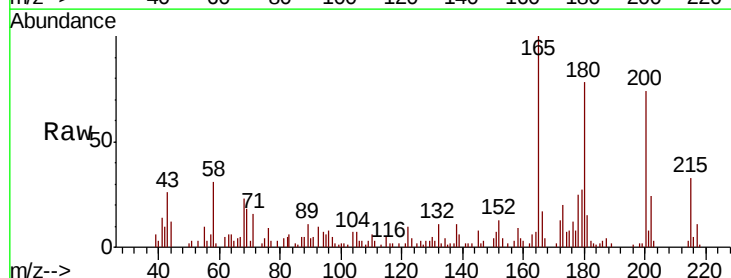


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

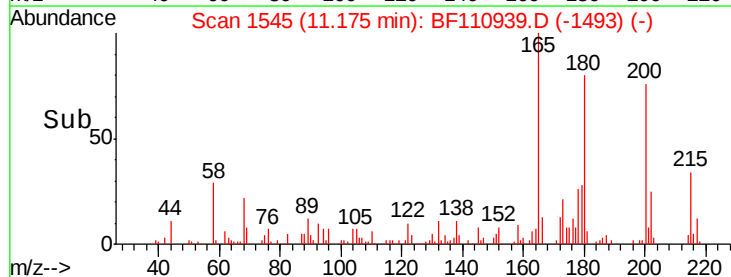
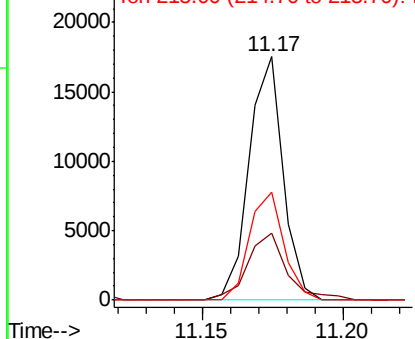


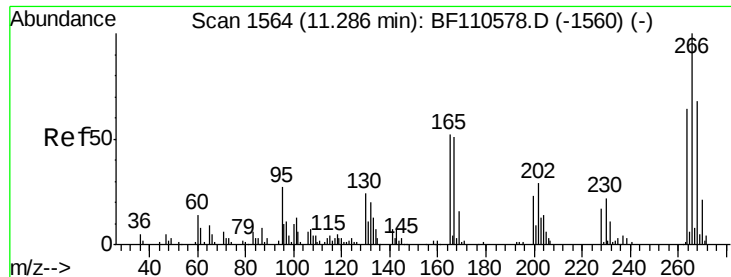
#69
Atrazine
Concen: 10.410 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF110939.D
Acq: 21 Nov 2018 20:16

Tgt Ion: 200 Resp: 14643
Ion Ratio Lower Upper
200 100
173 27.7 6.6 46.6
215 44.3 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

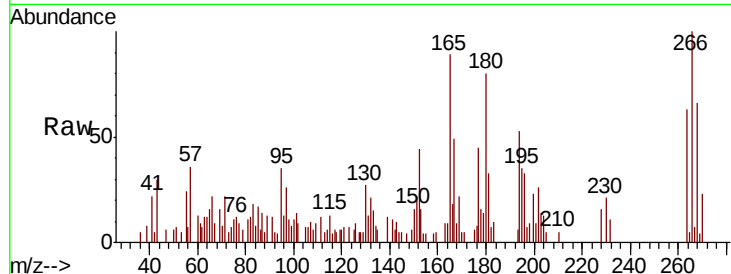




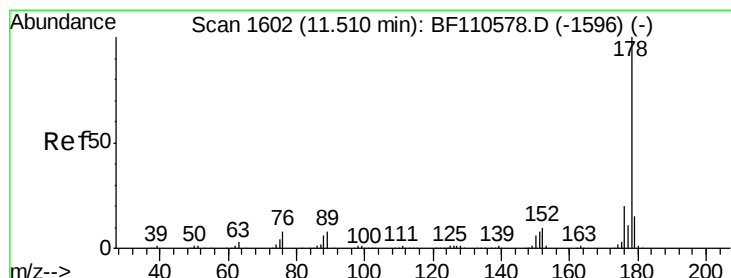
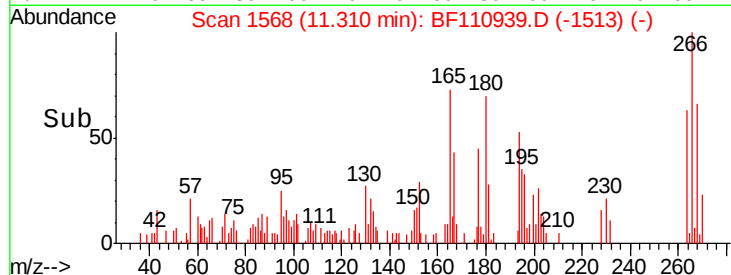
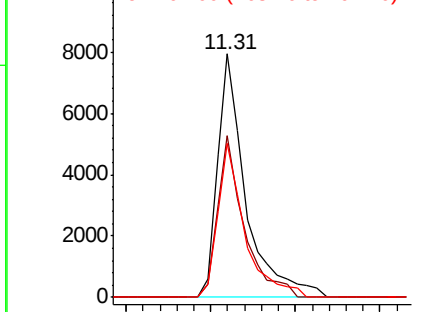
#70
 Pentachlorophenol
 Concen: 10.891 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. 0.02 min
 Lab File: BF110939.D
 Acq: 21 Nov 2018 20:16

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MSD

Tgt Ion: 266 Resp: 9242
 Ion Ratio Lower Upper
 266 100
 268 66.4 50.6 75.8
 264 63.5 50.6 75.8

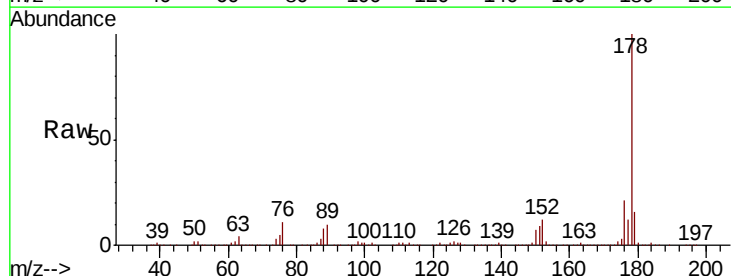


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

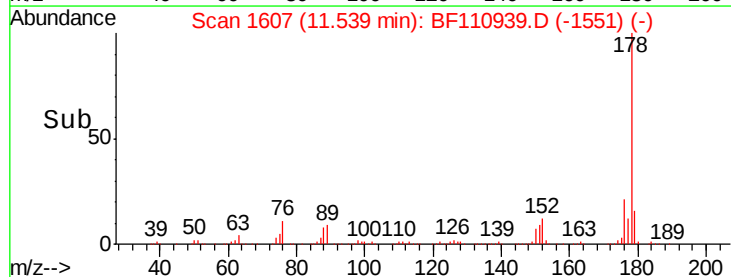
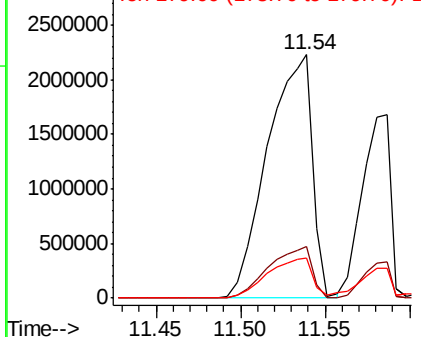


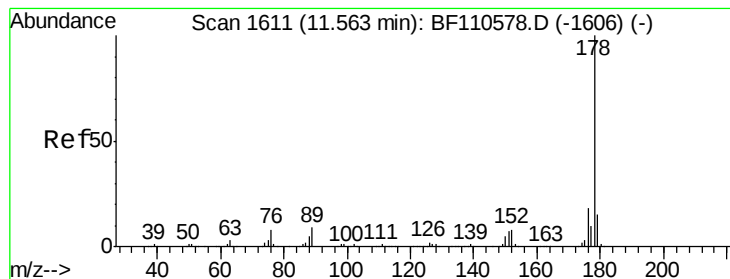
#71
 Phenanthrene
 Concen: 563.759 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. 0.03 min
 Lab File: BF110939.D
 Acq: 21 Nov 2018 20:16

Tgt Ion: 178 Resp: 4122331
 Ion Ratio Lower Upper
 178 100
 176 21.0 15.5 23.3
 179 16.3 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: 268.461 ng

RT: 11.59 min Scan# 1615

Delta R.T. 0.02 min

Lab File: BF110939.D

Acq: 21 Nov 2018 20:16

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)MSD

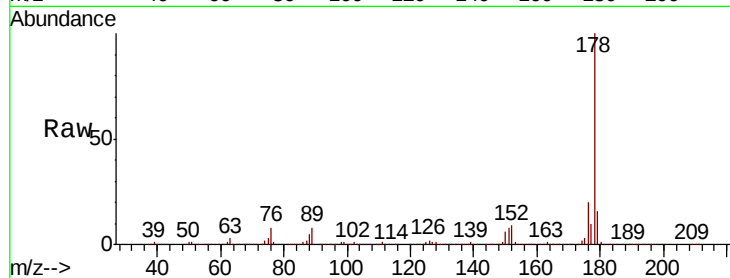
Tgt Ion:178 Resp: 1980233

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

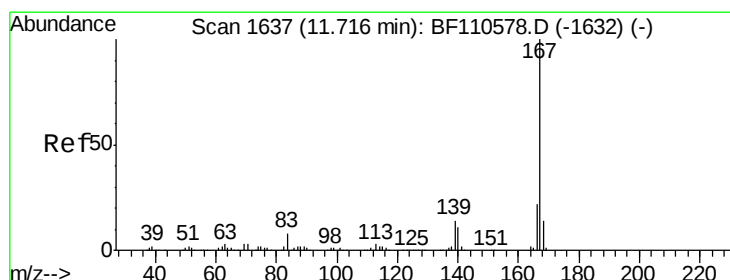
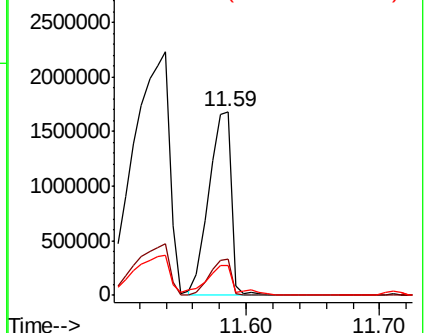
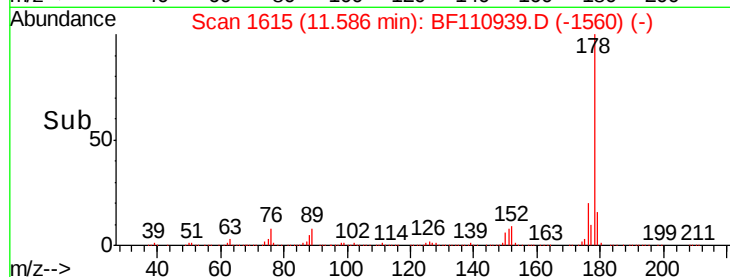
179 16.1 12.6 18.8



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: 65.010 ng

RT: 11.72 min Scan# 1638

Delta R.T. 0.01 min

Lab File: BF110939.D

Acq: 21 Nov 2018 20:16

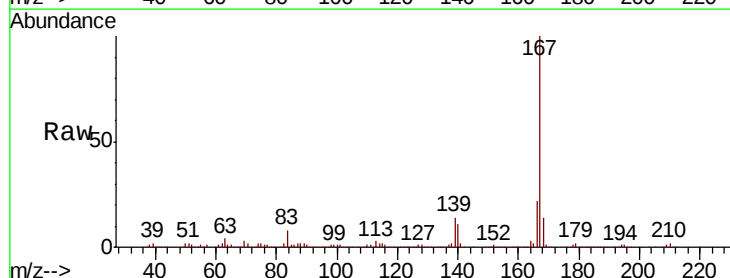
Tgt Ion:167 Resp: 460526

Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.0

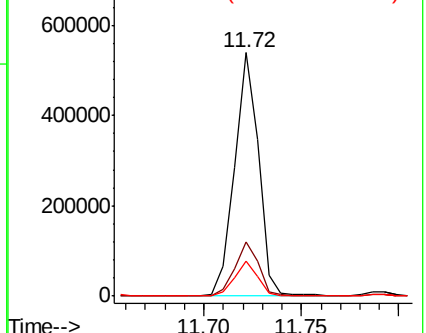
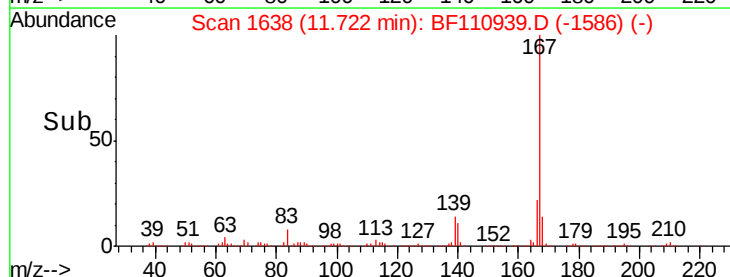
139 14.1 10.9 16.3

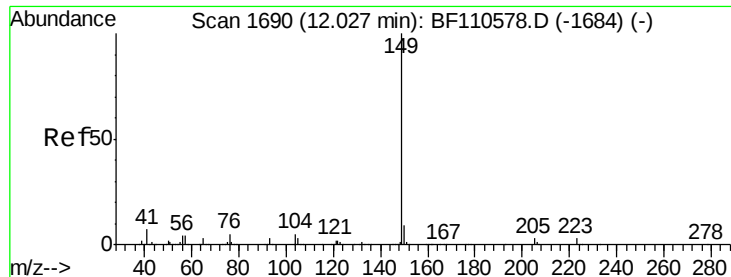


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 10.195 ng

RT: 12.02 min Scan# 1689

Delta R.T. -0.01 min

Lab File: BF110939.D

Acq: 21 Nov 2018 20:16

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)MSD

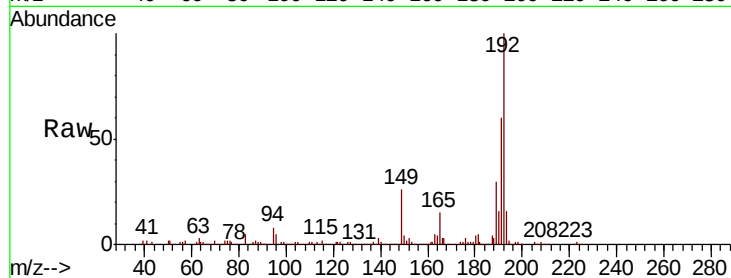
Tgt Ion:149 Resp: 84695

Ion Ratio Lower Upper

149 100

150 17.1 7.7 11.5#

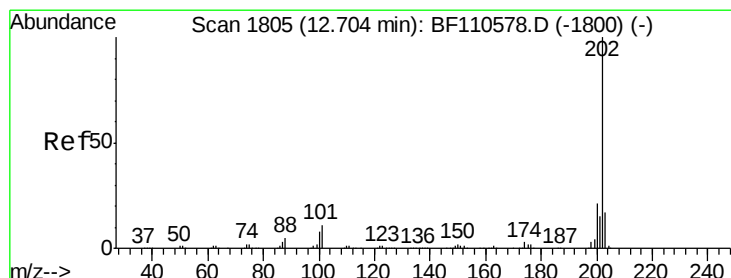
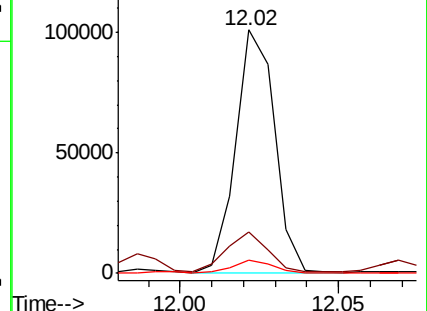
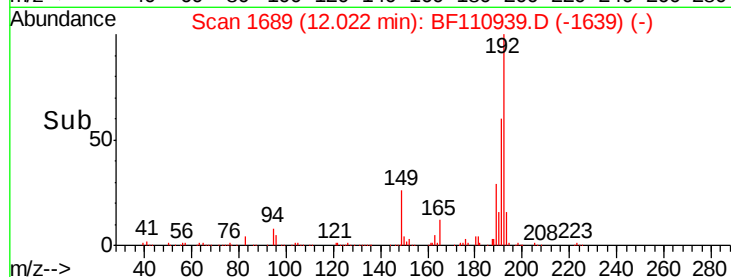
104 5.4 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 632.151 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.04 min

Lab File: BF110939.D

Acq: 21 Nov 2018 20:16

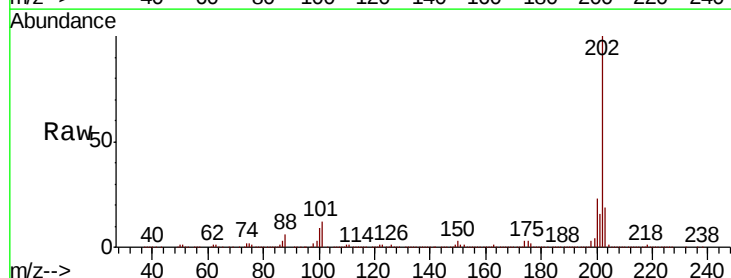
Tgt Ion:202 Resp: 4634293

Ion Ratio Lower Upper

202 100

101 12.3 0.0 31.4

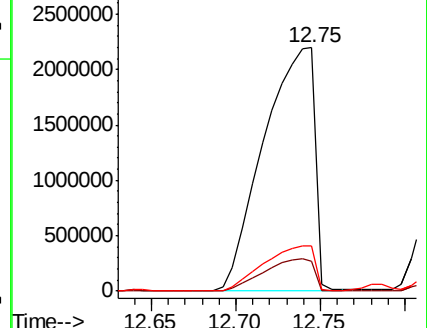
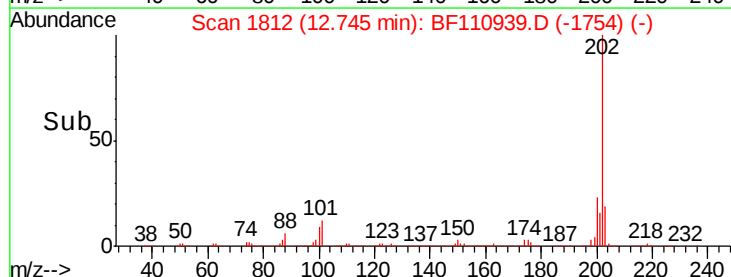
203 18.6 0.0 37.7

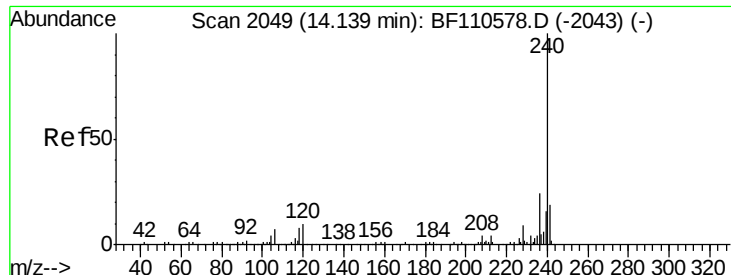


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

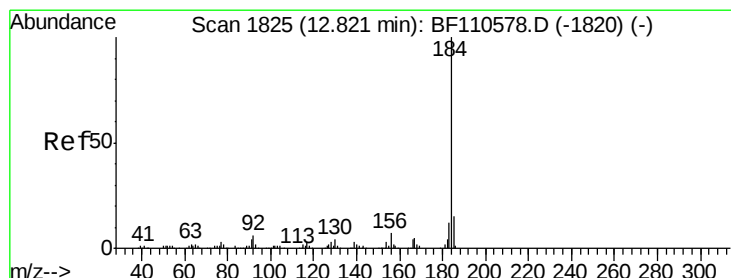
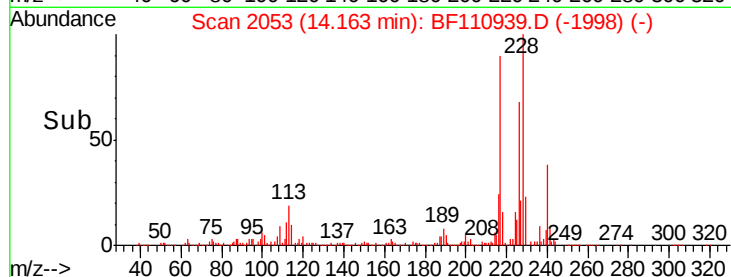
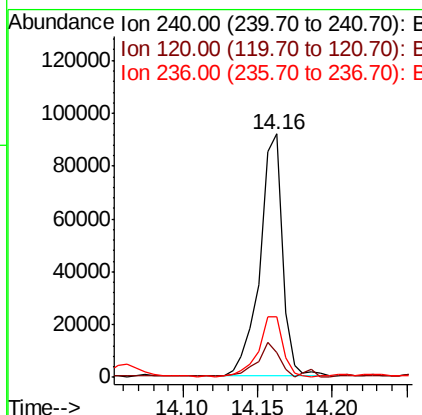
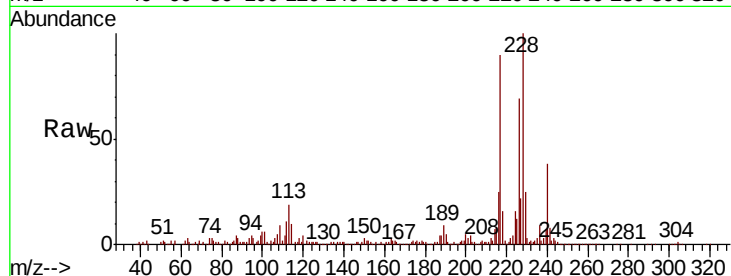




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.02 min
Lab File: BF110939.D
Acq: 21 Nov 2018 20:16

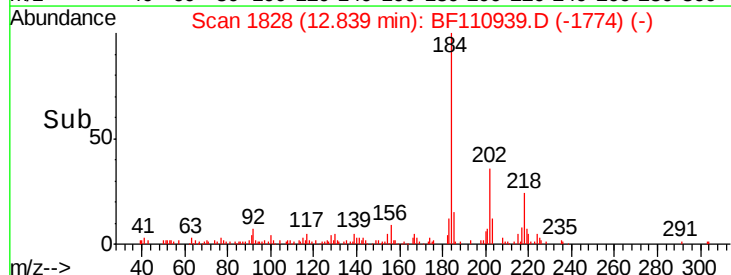
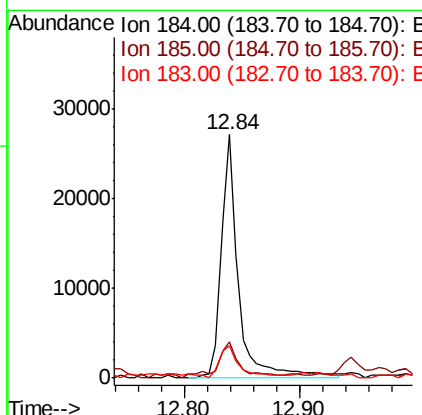
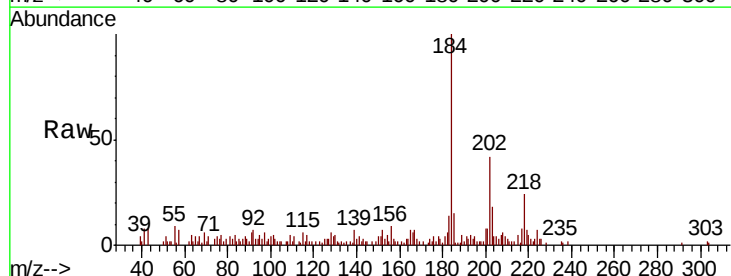
Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MSD

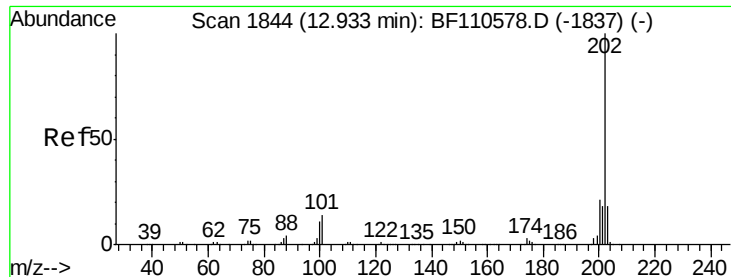
Tgt Ion:240 Resp: 96329
Ion Ratio Lower Upper
240 100
120 10.0 8.3 12.5
236 24.9 21.2 31.8



#77
Benzidine
Concen: 10.680 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.02 min
Lab File: BF110939.D
Acq: 21 Nov 2018 20:16

Tgt Ion:184 Resp: 28293
Ion Ratio Lower Upper
184 100
185 15.0 13.4 20.2
183 13.6 9.4 14.2

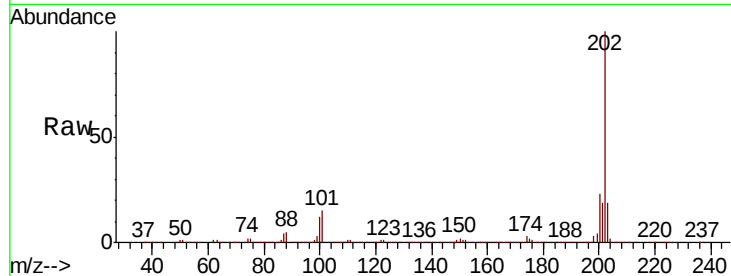




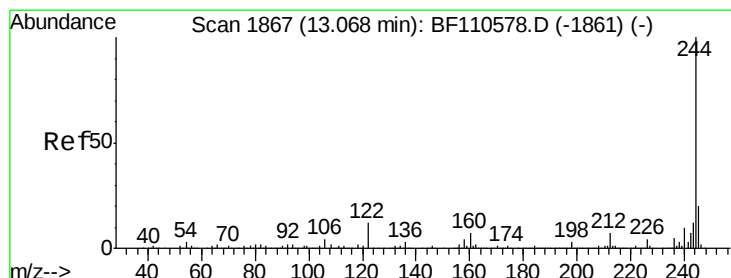
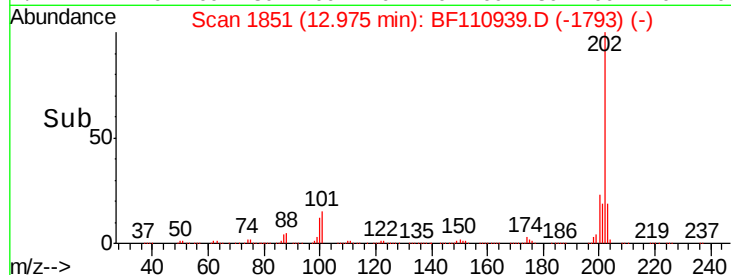
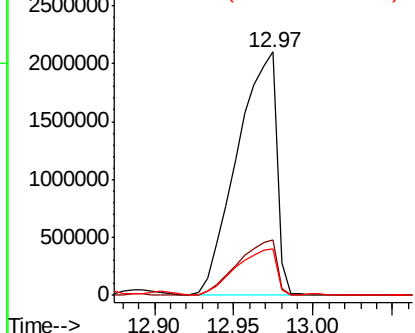
#78
 Pyrene
 Concen: 488.130 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. 0.04 min
 Lab File: BF110939.D
 Acq: 21 Nov 2018 20:16

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MSD

Tgt Ion:202 Resp: 3620514
 Ion Ratio Lower Upper
 202 100
 200 22.9 17.8 26.6
 203 18.9 14.2 21.4

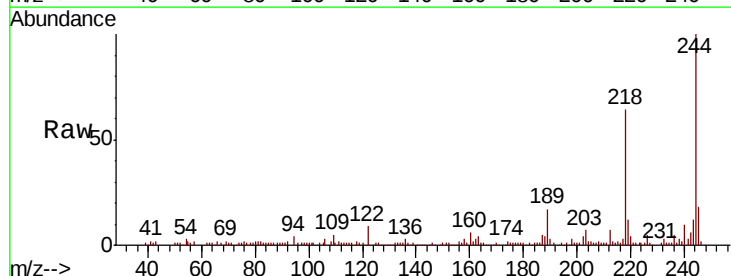


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

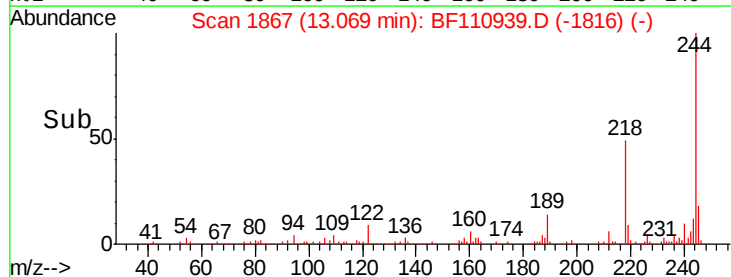
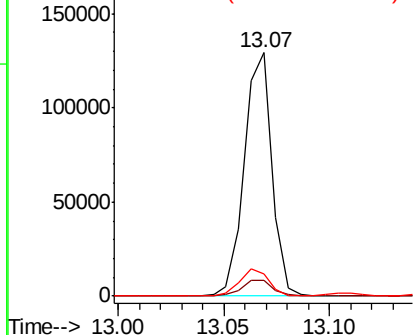


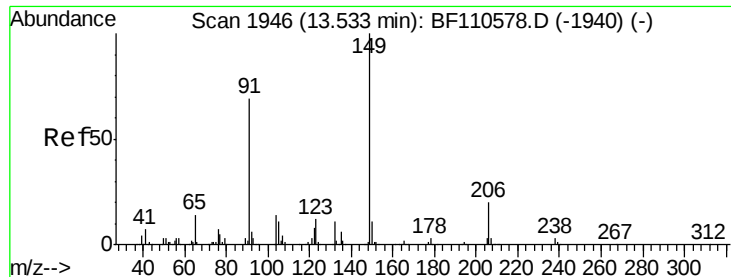
#79
 Terphenyl-d14
 Concen: 22.809 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: BF110939.D
 Acq: 21 Nov 2018 20:16

Tgt Ion:244 Resp: 117324
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.8
 122 9.4 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

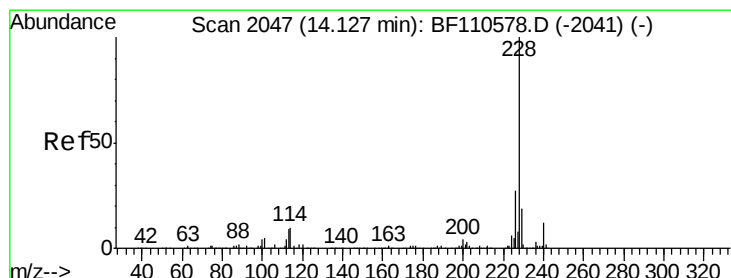
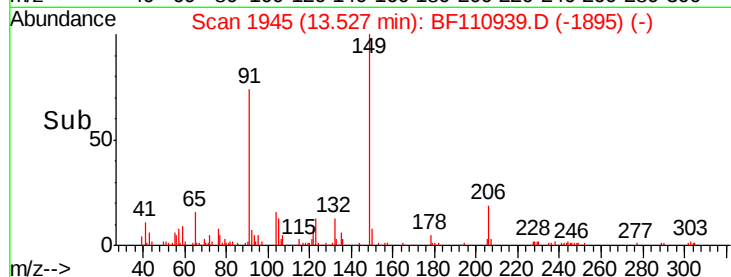
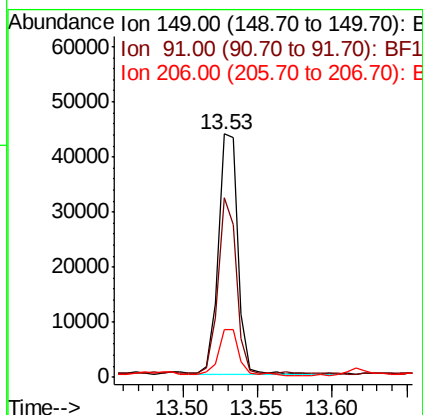
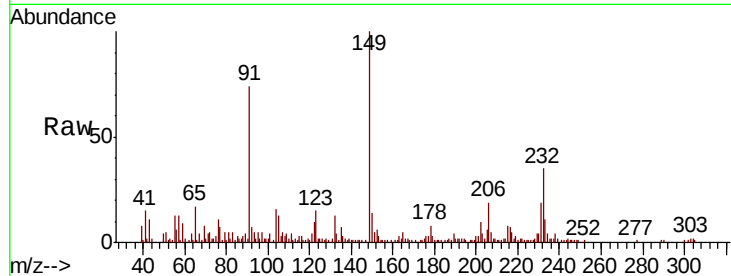




#80
Butylbenzylphthalate
Concen: 12.747 ng
RT: 13.53 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BF110939.D
Acq: 21 Nov 2018 20:16

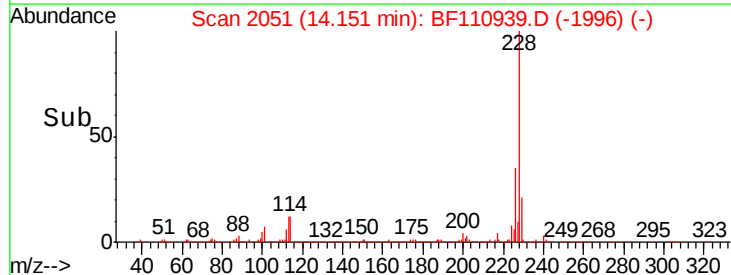
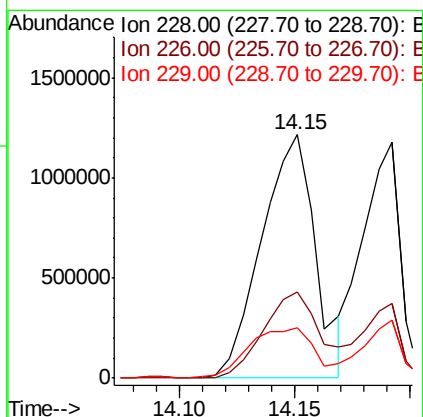
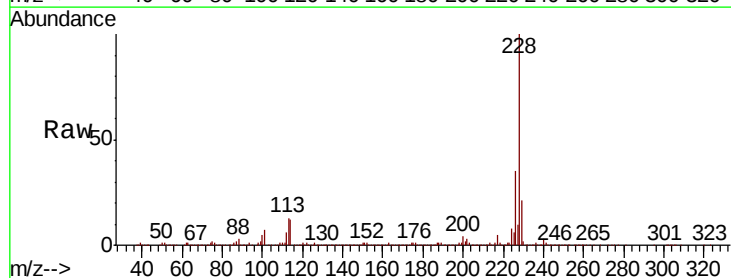
Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MSD

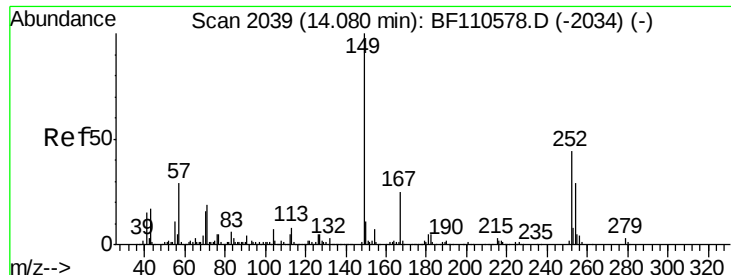
Tgt Ion:149 Resp: 40693
Ion Ratio Lower Upper
149 100
91 73.7 57.2 85.8
206 19.4 15.7 23.5



#81
Benzo(a)anthracene
Concen: 340.815 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.02 min
Lab File: BF110939.D
Acq: 21 Nov 2018 20:16

Tgt Ion:228 Resp: 1962307
Ion Ratio Lower Upper
228 100
226 35.5 22.1 33.1#
229 20.7 15.6 23.4

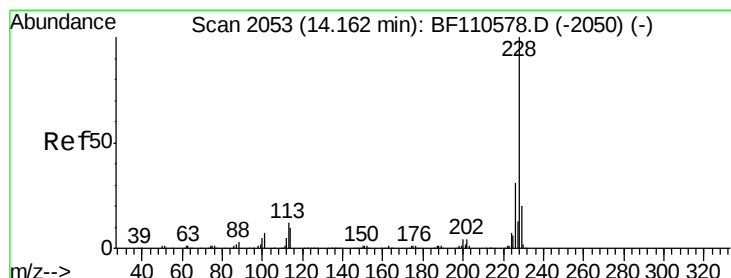
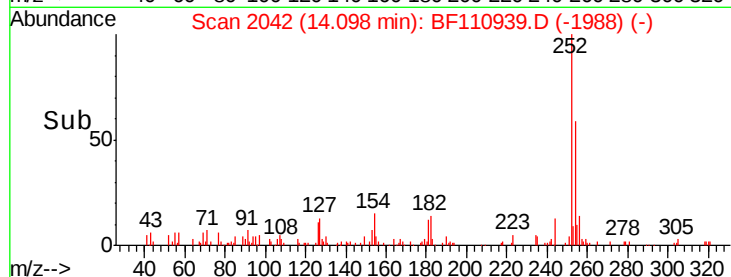
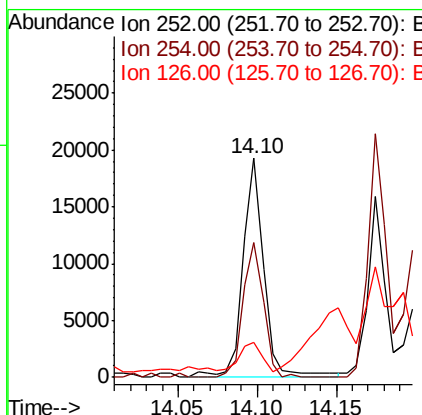
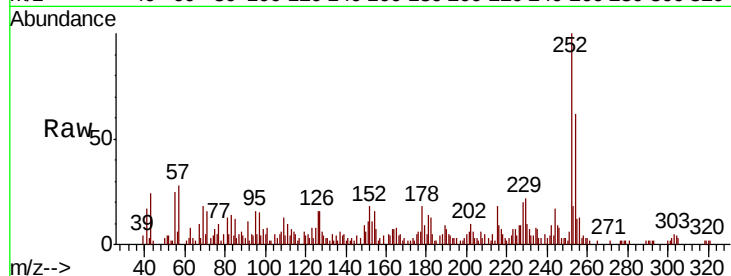




#82
 3,3'-Dichlorobenzidine
 Concen: 9.204 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.02 min
 Lab File: BF110939.D
 Acq: 21 Nov 2018 20:16

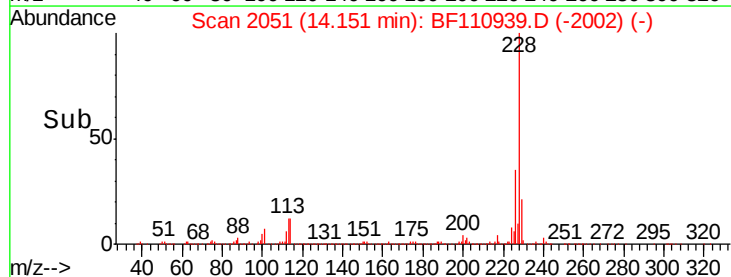
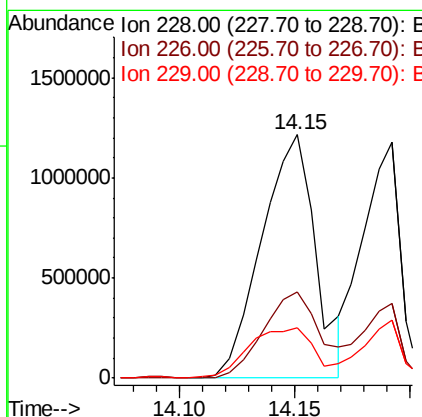
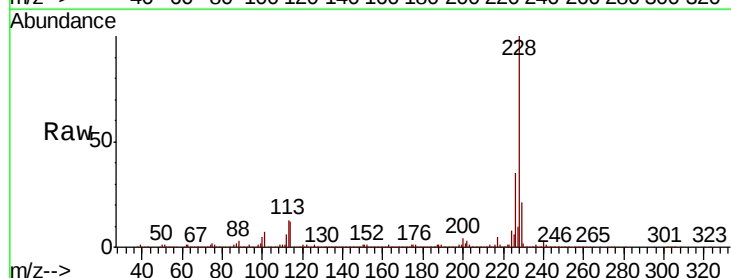
Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MSD

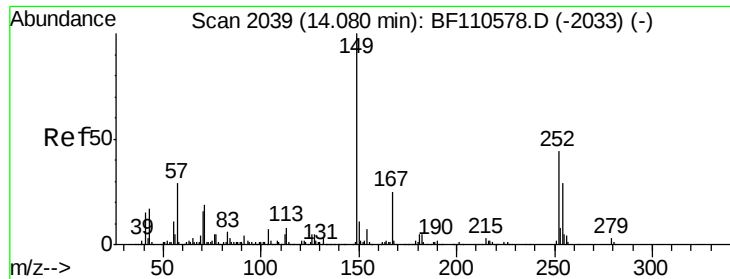
Tgt Ion:	252	Resp:	17753
Ion Ratio	Lower	Upper	
252	100		
254	61.8	51.3	76.9
126	16.0	9.4	14.2#



#83
 Chrysene
 Concen: 357.735 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF110939.D
 Acq: 21 Nov 2018 20:16

Tgt Ion:	228	Resp:	1962307
Ion Ratio	Lower	Upper	
228	100		
226	35.5	24.7	37.1
229	20.7	15.9	23.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 14.682 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF110939.D

Acq: 21 Nov 2018 20:16

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)MSD

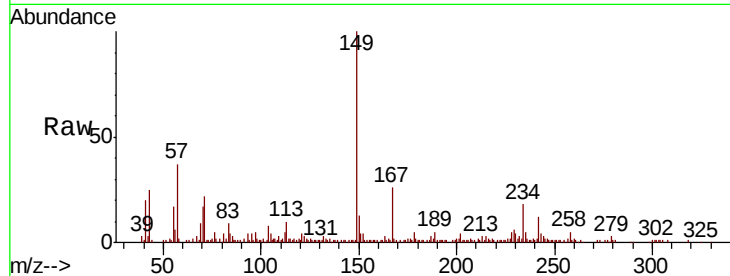
Tgt Ion:149 Resp: 58143

Ion Ratio Lower Upper

149 100

167 26.2 19.8 29.8

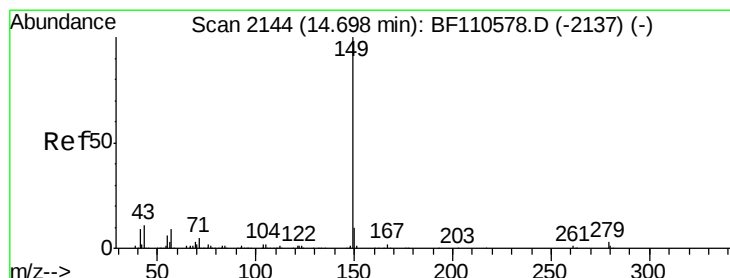
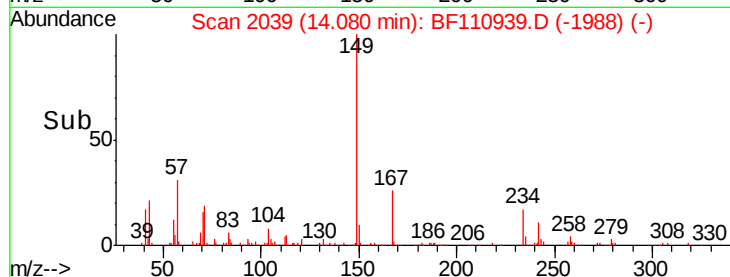
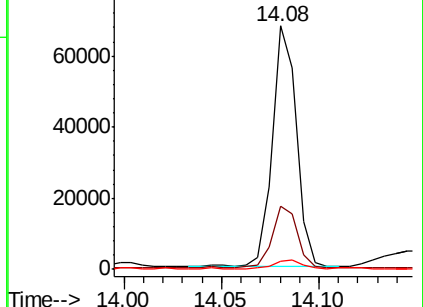
279 3.3 2.7 4.1



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: 15.996 ng

RT: 14.70 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BF110939.D

Acq: 21 Nov 2018 20:16

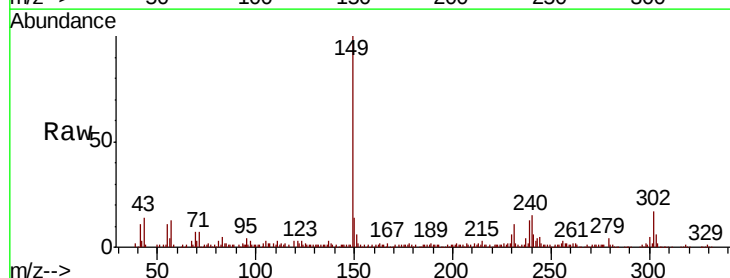
Tgt Ion:149 Resp: 93157

Ion Ratio Lower Upper

149 100

167 2.3 1.1 1.7#

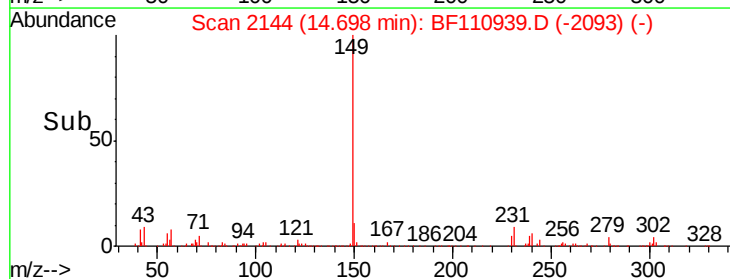
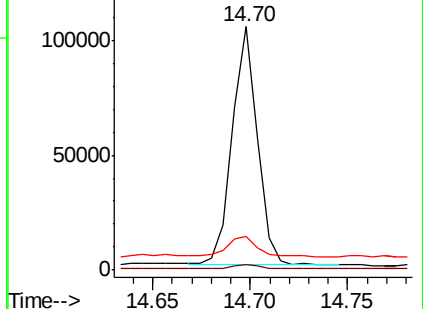
43 10.0 7.8 11.8

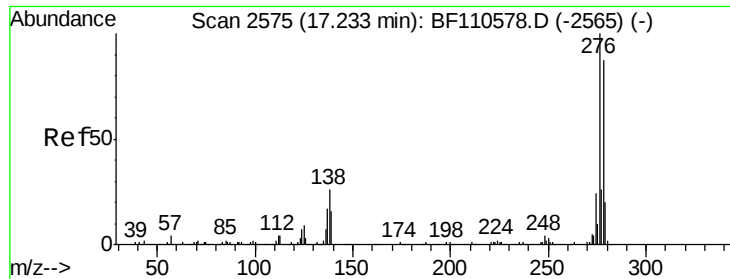


Abundance Ion 149.00 (148.70 to 149.70): E

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: 148.044 ng

RT: 17.30 min Scan# 2586

Delta R.T. 0.06 min

Lab File: BF110939.D

Acq: 21 Nov 2018 20:16

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)MSD

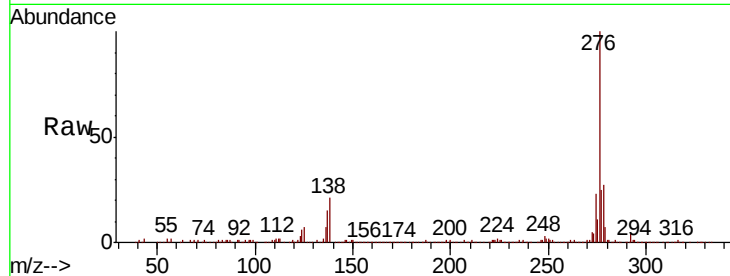
Tgt Ion:276 Resp: 582739

Ion Ratio Lower Upper

276 100

138 20.6 18.5 27.7

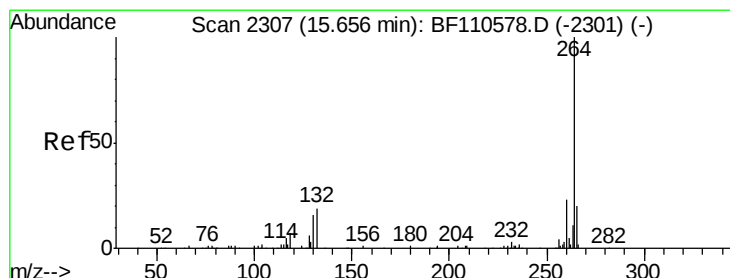
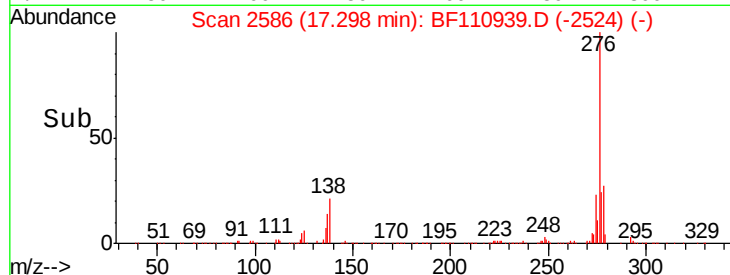
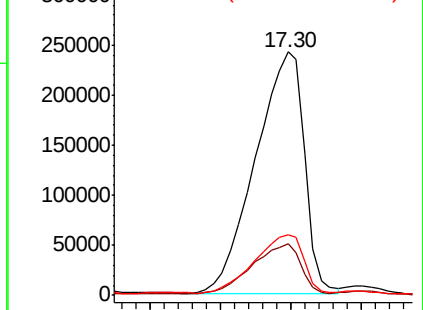
277 24.2 20.0 30.0



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: 15.69 min Scan# 2312

Delta R.T. 0.03 min

Lab File: BF110939.D

Acq: 21 Nov 2018 20:16

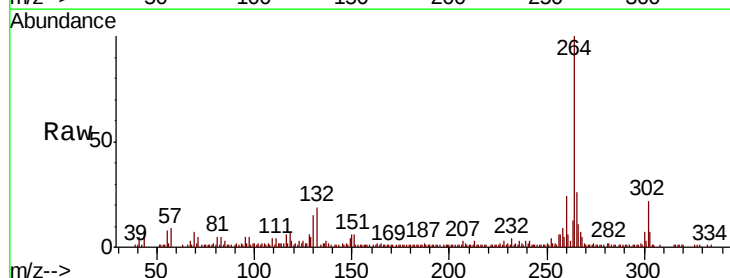
Tgt Ion:264 Resp: 78710

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

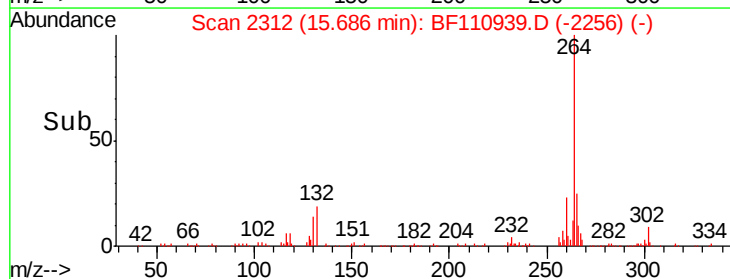
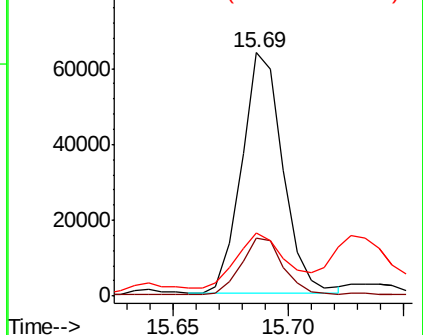
265 26.0 16.7 25.1#

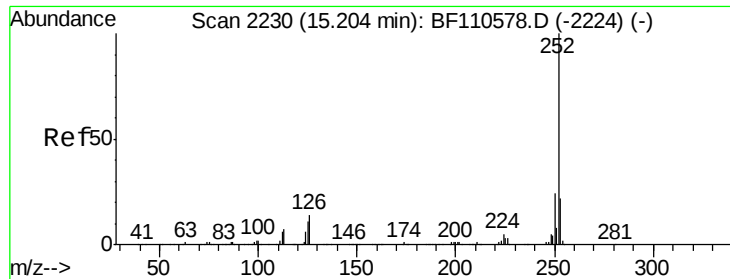


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 406.055 ng

RT: 15.24 min Scan# 2237

Delta R.T. 0.04 min

Lab File: BF110939.D

Acq: 21 Nov 2018 20:16

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)MSD

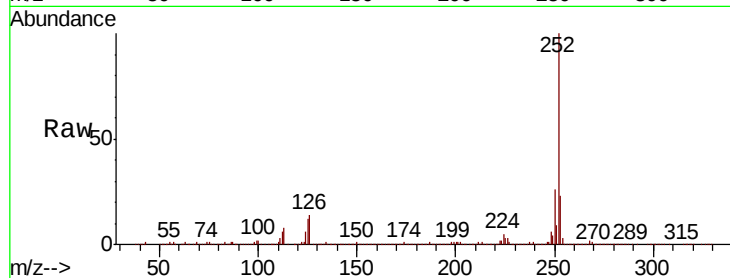
Tgt Ion:252 Resp: 1911990

Ion Ratio Lower Upper

252 100

253 23.2 17.2 25.8

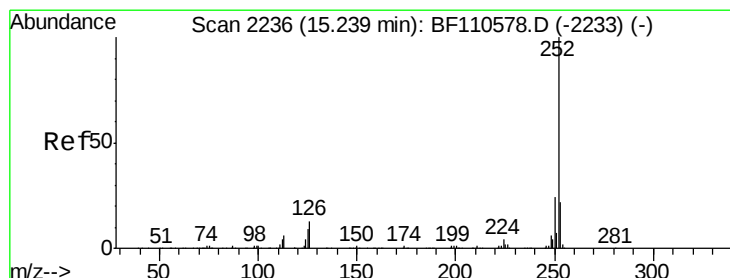
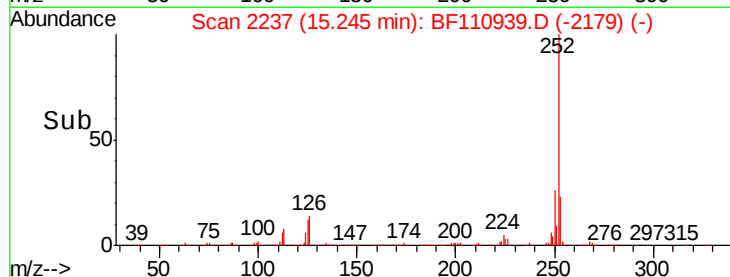
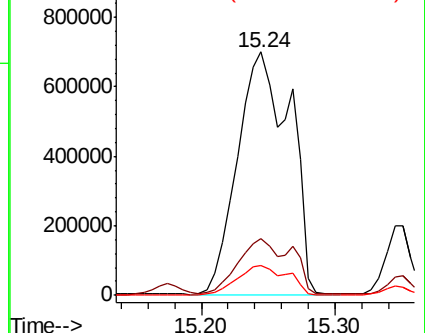
125 12.2 8.2 12.4



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: 410.939 ng

RT: 15.24 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF110939.D

Acq: 21 Nov 2018 20:16

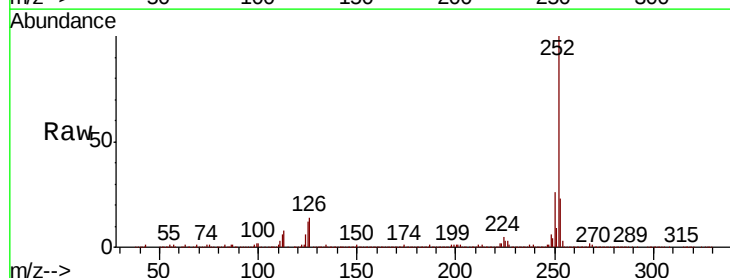
Tgt Ion:252 Resp: 1911990

Ion Ratio Lower Upper

252 100

253 23.2 17.2 25.8

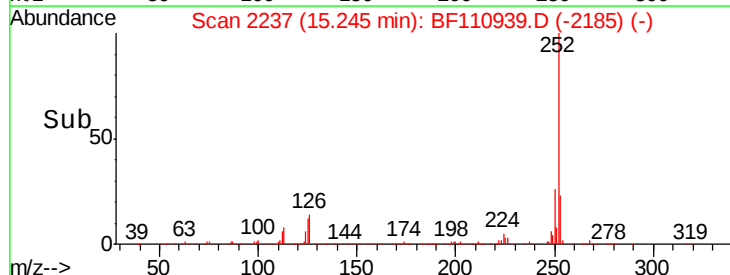
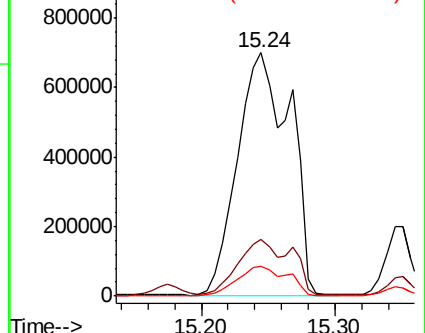
125 12.2 7.4 11.0#

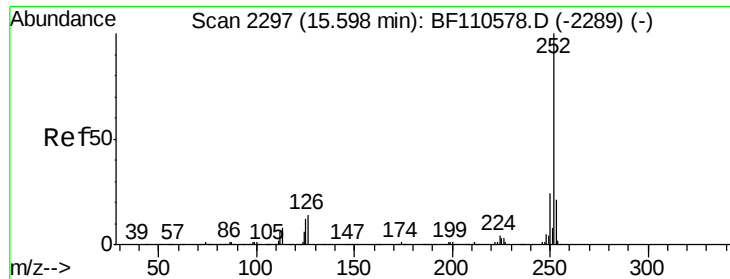


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 233.729 ng

RT: 15.64 min Scan# 2304

Delta R.T. 0.04 min

Lab File: BF110939.D

Acq: 21 Nov 2018 20:16

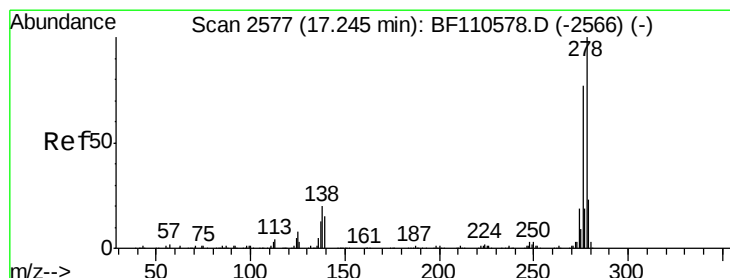
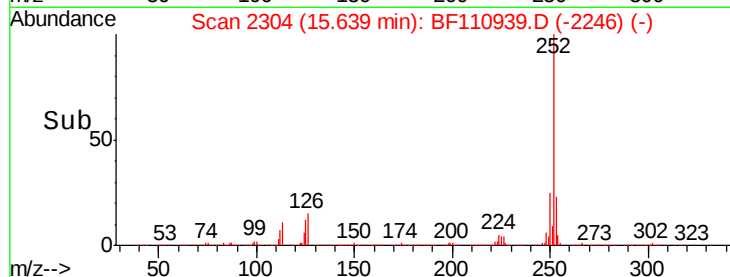
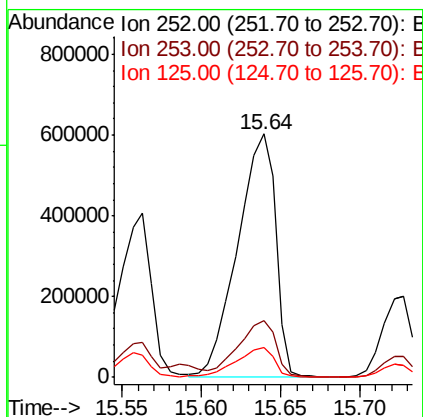
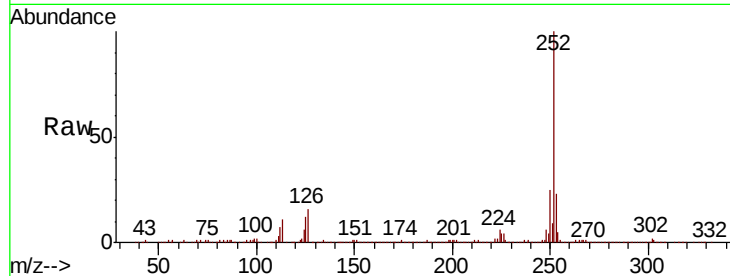
Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)MSD

Tgt Ion:	252	Resp:	999939
Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	12.4	9.0	13.6



#91

Dibenzo(a,h)anthracene

Concen: 15.578 ng

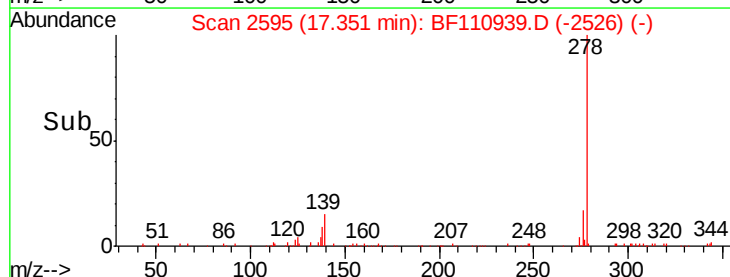
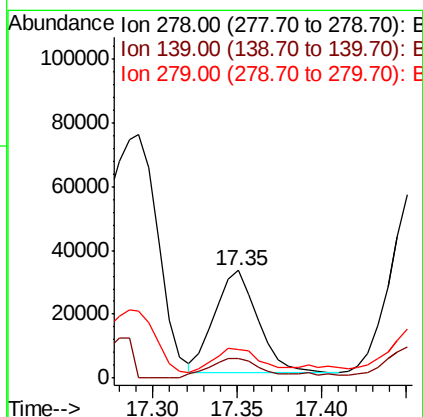
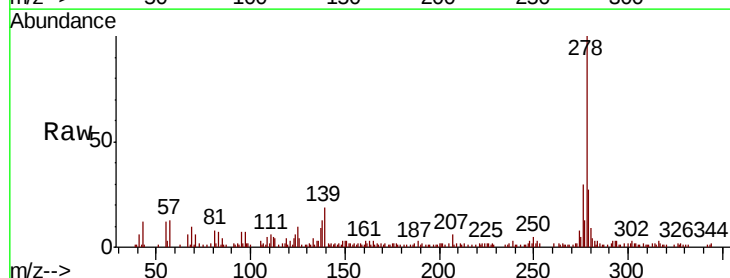
RT: 17.35 min Scan# 2595

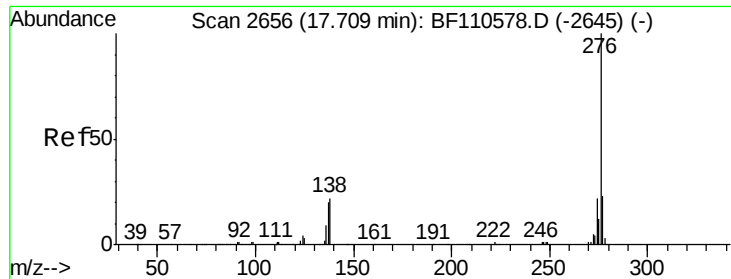
Delta R.T. 0.11 min

Lab File: BF110939.D

Acq: 21 Nov 2018 20:16

Tgt Ion:	278	Resp:	56399
Ion	Ratio	Lower	Upper
278	100		
139	18.5	12.7	19.1
279	27.1	19.0	28.4





#92

Benzo(g,h,i)perylene

Concen: 135.828 ng

RT: 17.79 min Scan# 2669

Delta R.T. 0.08 min

Lab File: BF110939.D

Acq: 21 Nov 2018 20:16

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)MSD

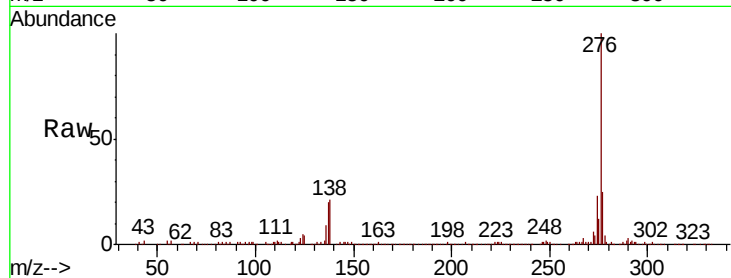
Tgt Ion: 276 Resp: 487910

Ion Ratio Lower Upper

276 100

277 24.8 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

