

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
 Data File : BF096667.D
 Acq On : 12 Jul 2017 2:50
 Operator : SJ/JU
 Sample : I4130-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-P6-WSW

Quant Time: Jul 12 04:21:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	68756	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	149623	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	50243	20.00	ng	0.03
63) Phenanthrene-d10	11.23	188	112260	20.00	ng	0.02
75) Chrysene-d12	13.84	240	139208	20.00	ng	0.00
86) Perylene-d12	15.24	264	177724	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	622282	133.58	ng	-0.02
7) Phenol-d6	6.33	99	700853	122.38	ng	-0.02
23) Nitrobenzene-d5	7.26	82	333122	133.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	68674	174.98	ng	0.02
44) 2-Fluorobiphenyl	9.08	172	289273	98.44	ng	0.02
78) Terphenyl-d14	12.80	244	316961	48.65	ng	0.00

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	3.00	42	6128	2.049	ng	# 1
9) Benzaldehyde	6.23	77	15572	4.345	ng	# 1
10) Phenol	6.34	94	18420	2.823	ng	# 62
11) bis(2-Chloroethyl)ether	6.43	93	65100	12.912	ng	# 70
14) 1,2-Dichlorobenzene	6.87	146	24590	5.144	ng	# 1
15) Benzyl Alcohol	6.89	79	31293	8.174	ng	# 44
16) 2,2'-oxybis(1-Chloropropan	6.98	45	136627	13.329	ng	# 35
18) Hexachloroethane	7.20	117	37933	20.098	ng	# 1
19) n-Nitroso-di-n-propylamine	7.15	70	104210	30.545	ng	# 80
20) 3+4-Methylphenols	7.11	107	11246	2.547	ng	# 1
22) Acetophenone	7.11	105	297028	90.854	ng	# 46
24) Nitrobenzene	7.25	77	106261	40.680	ng	# 49
25) Isophorone	7.54	82	230532	47.751	ng	# 1
26) 2-Nitrophenol	7.58	139	11128	8.049	ng	# 1
27) 2,4-Dimethylphenol	7.77	122	38213	16.232	ng	# 96
28) bis(2-Chloroethoxy)methane	7.77	93	22142	6.948	ng	# 1
29) 2,4-Dichlorophenol	7.86	162	24194	11.912	ng	# 1
31) Naphthalene	8.02	128	184957	26.185	ng	# 63
32) Benzoic acid	7.77	122	38213	19.327	ng	# 46
33) 4-Chloroaniline	8.02	127	60818	20.729	ng	# 1
35) Caprolactam	8.47	113	285922	408.228	ng	# 1
36) 4-Chloro-3-methylphenol	8.56	107	39307	17.490	ng	# 19
37) 2-Methylnaphthalene	8.73	142	199898	44.458	ng	# 84
42) 2,4,6-Trichlorophenol	9.01	196	15290	14.816	ng	# 13
43) 2,4,5-Trichlorophenol	9.01	196	15290	14.984	ng	# 1
45) 1,1'-Biphenyl	8.96	154	46948	10.906	ng	# 97
47) 2-Nitroaniline	9.33	65	3296	2.823	ng	# 52
49) Dimethylphthalate	9.46	163	81498	21.729	ng	# 80
50) 2,6-Dinitrotoluene	9.56	165	36134	43.566	ng	# 73
52) 3-Nitroaniline	9.69	138	6177	5.971	ng	# 28
53) 2,4-Dinitrophenol	9.82	184	1236	2.806	ng	# 1
54) Dibenzofuran	9.97	168	24718	5.975	ng	# 1
55) 4-Nitrophenol	9.87	139	9597	11.193	ng	# 1
56) 2,4-Dinitrotoluene	9.97	165	5575	5.308	ng	# 52

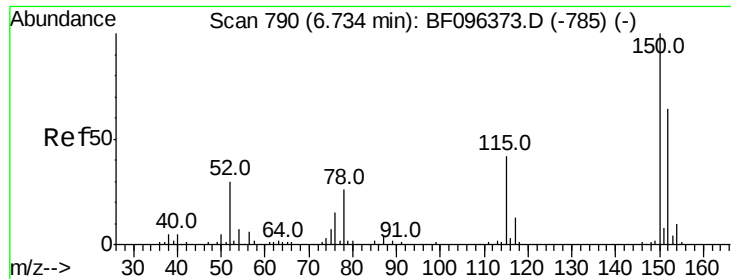
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
57) Fluorene	10.30	166	24415	8.356	nq	#	8
58) 2,3,4,6-Tetrachlorophenol	10.11	232	1804	2.555	nq	#	31
59) Diethylphthalate	10.17	149	8514	2.402	nq	#	1
61) 4-Nitroaniline	10.36	138	2769	2.944	nq	#	43
62) Azobenzene	10.45	77	17871	5.213	nq	#	1
65) n-Nitrosodiphenylamine	10.42	169	103261	26.216	nq	#	48
68) Atrazine	10.94	200	3439	3.056	nq	#	1
70) Phenanthrene	11.25	178	55466	9.140	nq	#	67
74) Fluoranthene	12.44	202	32533	5.468	nq		80
77) Pvrene	12.66	202	35171	3.148	nq	#	84
80) Benzo(a)anthracene	13.84	228	17373	2.155	nq	#	58
82) Chrysene	13.87	228	20955	2.482	nq	#	59
87) Benzo(b)fluoranthene	14.85	252	29081	2.611	nq	#	1
88) Benzo(k)fluoranthene	14.85	252	29081	2.919	nq	#	1

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

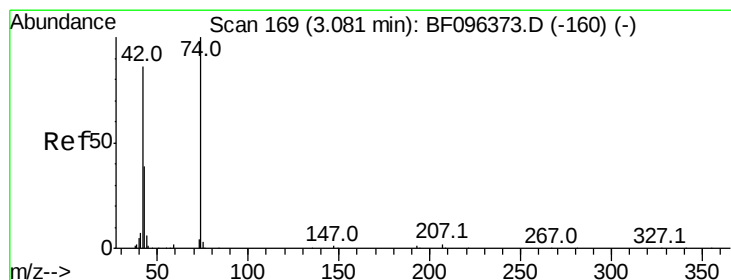
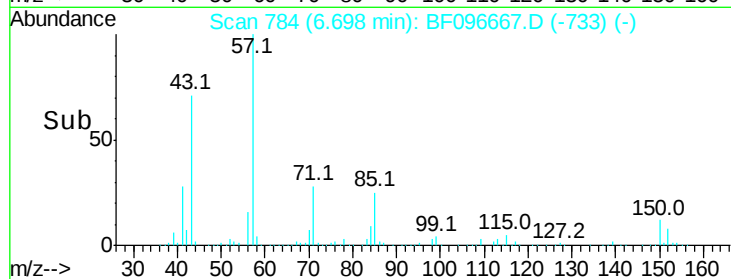
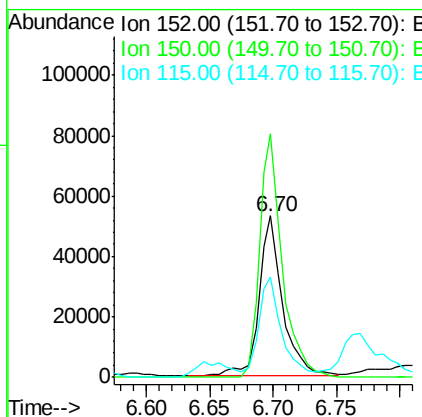
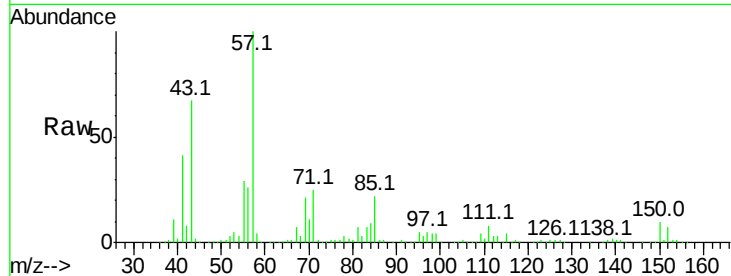


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096667.D
Acq: 12 Jul 2017 2:50

Instrument :
BNA_F
ClientSampled :
E2-P6-WSW

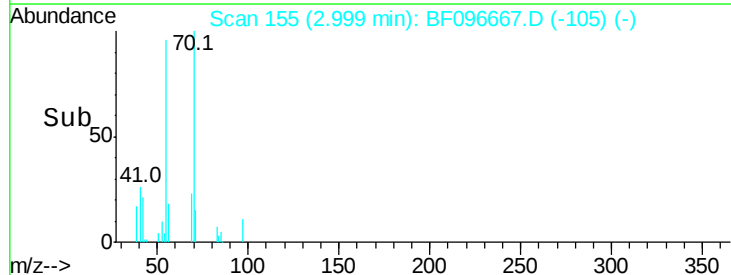
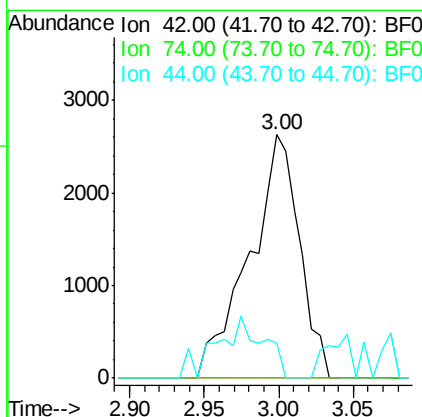
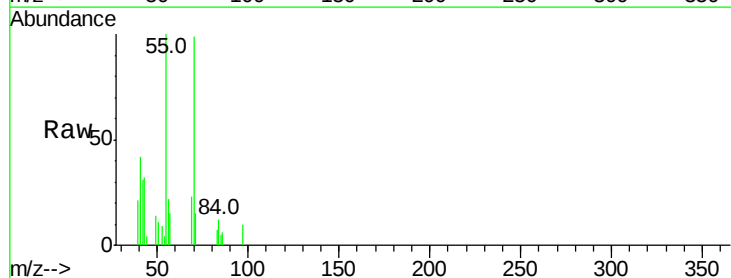
Tot Ion:152 Resp: 68756
Ion Ratio Lower Upper
152 100
150 150.7 126.2 189.2
115 61.9 52.2 78.2

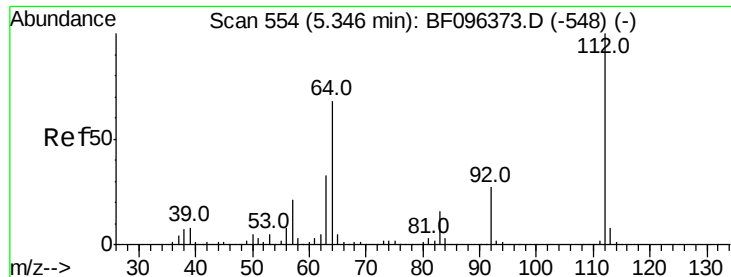


#4

n-Nitrosodimethylamine
Concen: 2.049 ng
RT: 3.00 min Scan# 155
Delta R.T. -0.01 min
Lab File: BF096667.D
Acq: 12 Jul 2017 2:50

Tgt Ion: 42 Resp: 6128
Ion Ratio Lower Upper
42 100
74 0.0 103.9 155.9#
44 14.6 5.7 8.5#

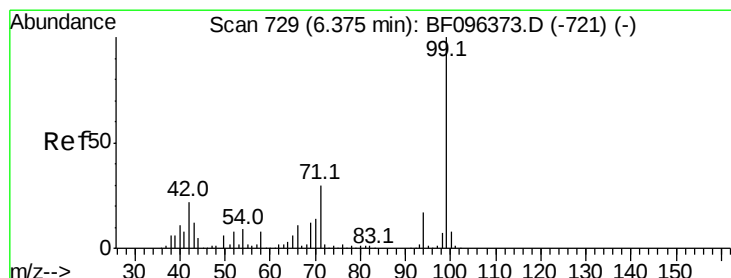
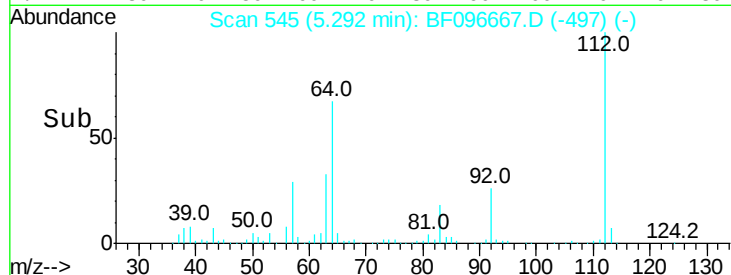
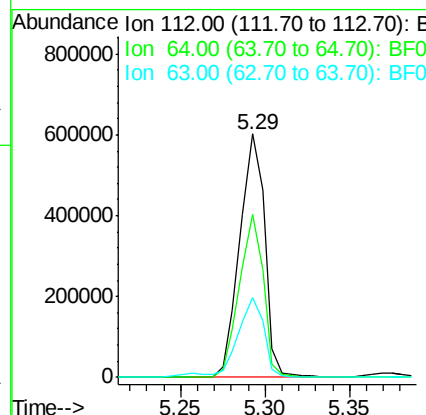
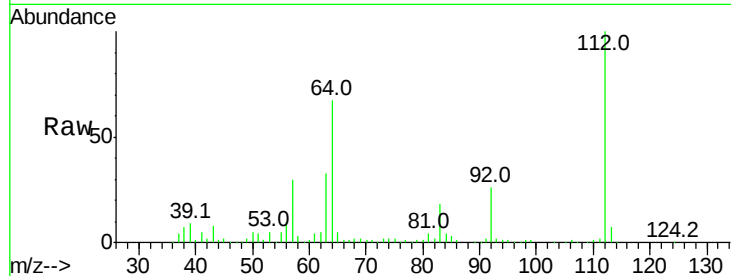




#5
 2-Fluorophenol
 Concen: 133.584 ng
 RT: 5.29 min Scan# 545
 Delta R.T. -0.02 min
 Lab File: BF096667.D
 Acq: 12 Jul 2017 2:50

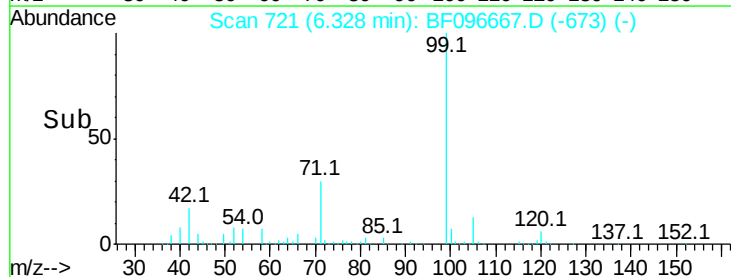
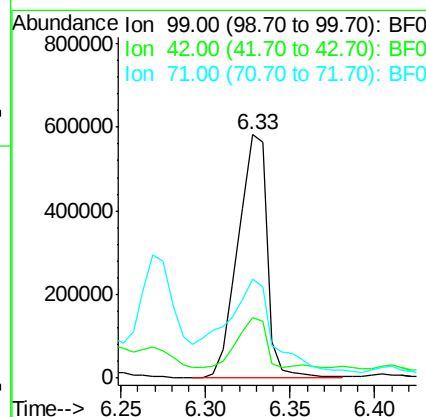
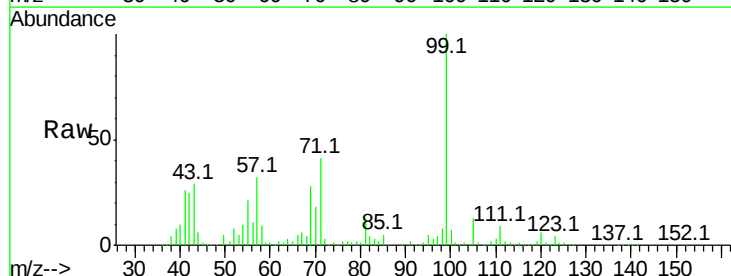
Instrument :
 BNA_F
 ClientSampleId :
 E2-P6-WSW

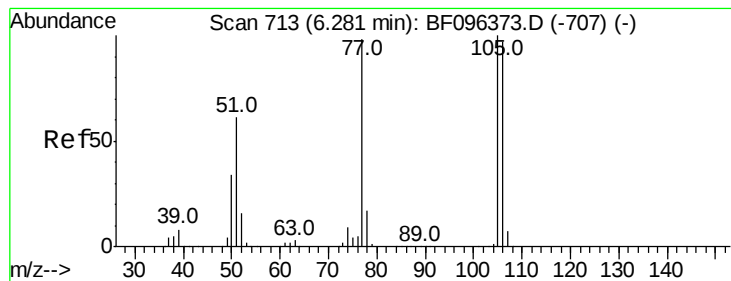
Tot Ion:	112	Resp:	622282
Ion	Ratio	Lower	Upper
112	100		
64	66.9	46.0	69.0
63	32.9	23.4	35.0



#7
 Phenol-d6
 Concen: 122.380 ng
 RT: 6.33 min Scan# 721
 Delta R.T. -0.02 min
 Lab File: BF096667.D
 Acq: 12 Jul 2017 2:50

Tgt Ion:	99	Resp:	700853
Ion	Ratio	Lower	Upper
99	100		
42	24.9	13.5	20.3#
71	40.6	24.5	36.7#





#9

Benzaldehyde

Concen: 4.345 ng

RT: 6.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

Instrument :

BNA_F

ClientSampled :

E2-P6-WSW

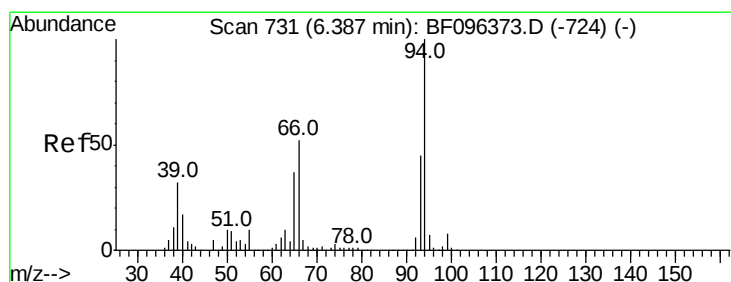
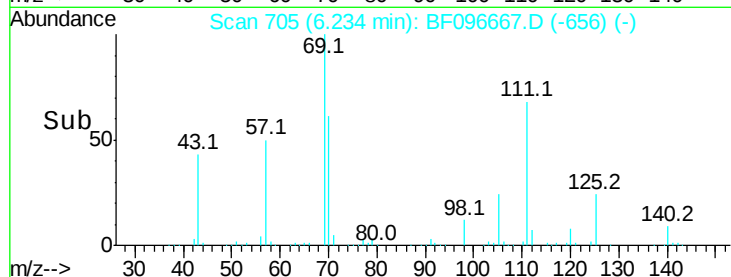
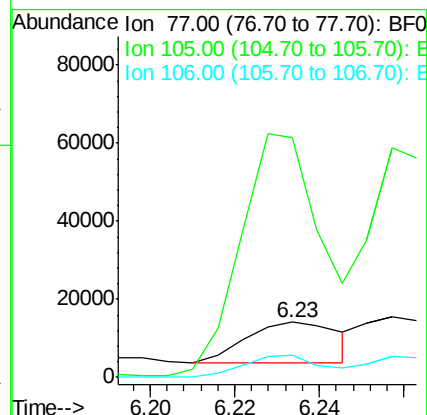
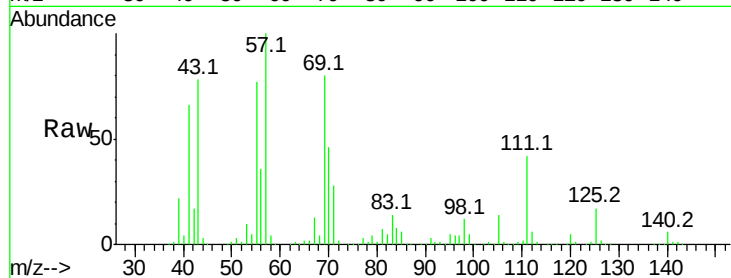
Tot Ion: 77 Resp: 15572

Ion Ratio Lower Upper

77 100

105 433.8 83.8 123.8#

106 39.7 79.1 119.1#



#10

Phenol

Concen: 2.823 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

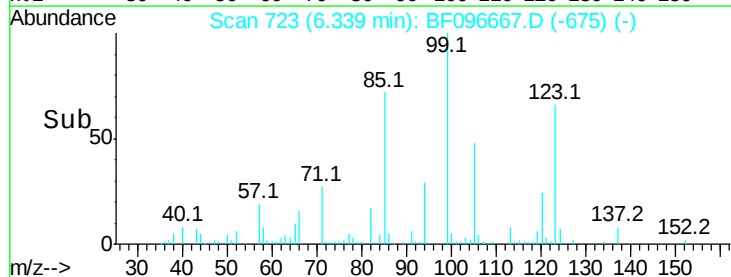
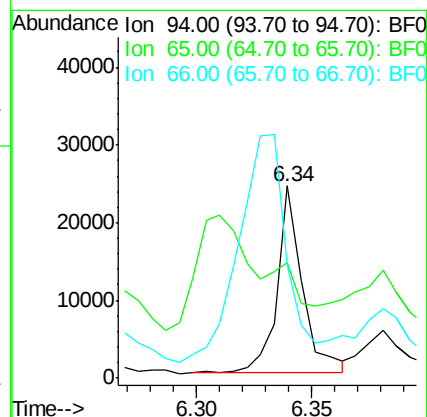
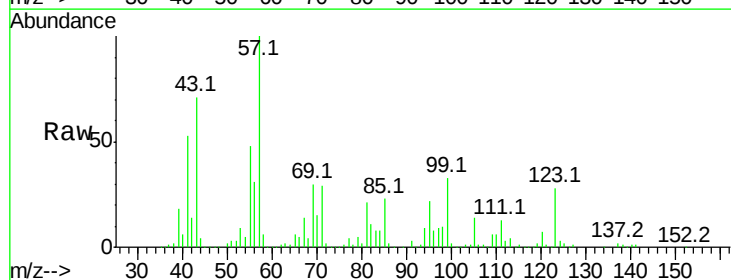
Tgt Ion: 94 Resp: 18420

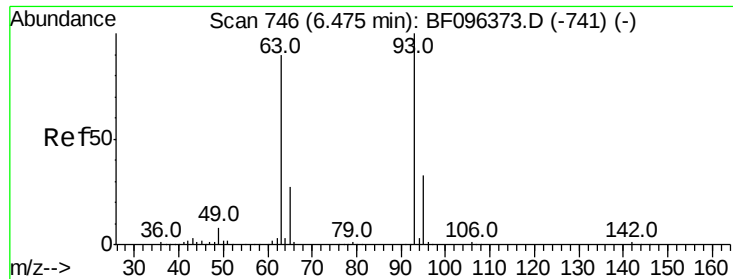
Ion Ratio Lower Upper

94 100

65 60.2 9.9 49.9#

66 59.1 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 12.912 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

Instrument :

BNA_F

ClientSampleId :

E2-P6-WSW

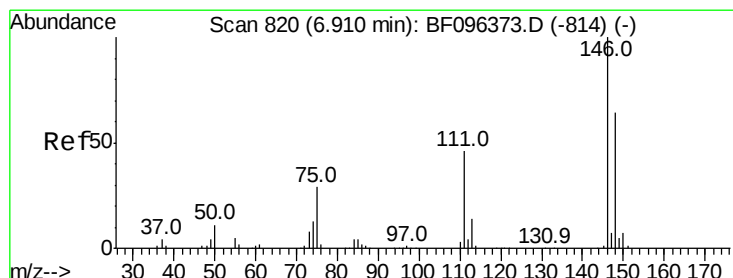
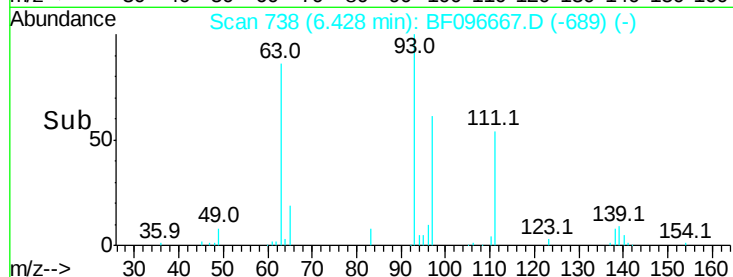
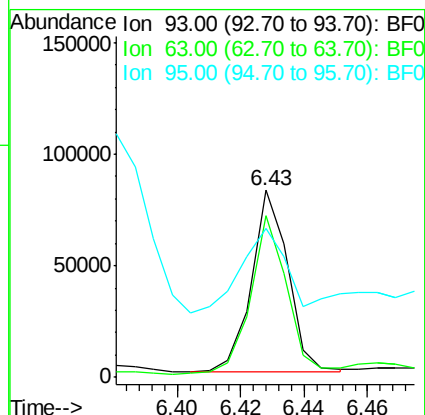
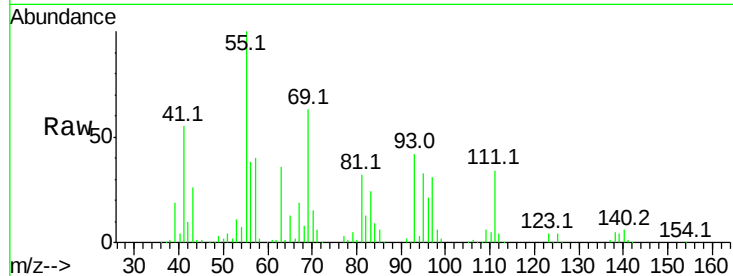
Tot Ion: 93 Resp: 65100

Ion Ratio Lower Upper

93 100

63 86.3 59.2 99.2

95 79.4 12.8 52.8#



#14

1,2-Dichlorobenzene

Concen: 5.144 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

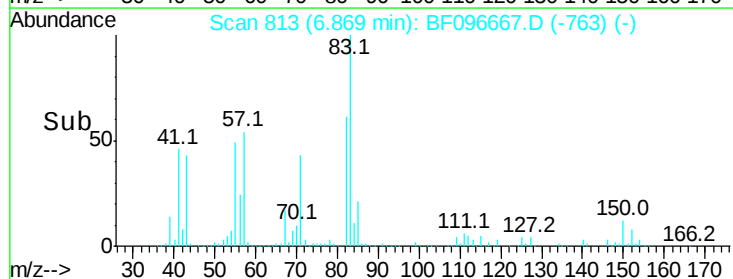
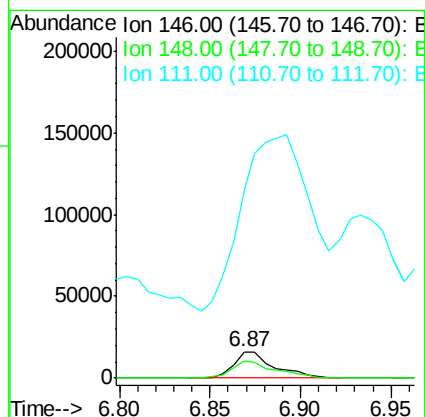
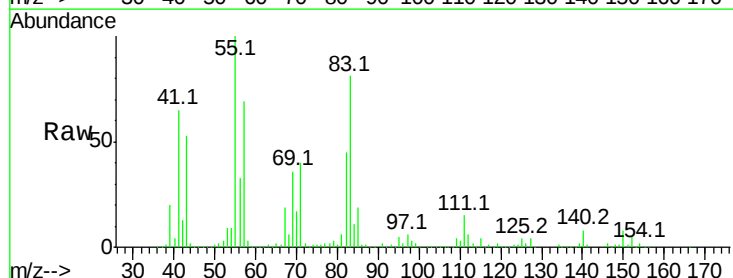
Tgt Ion:146 Resp: 24590

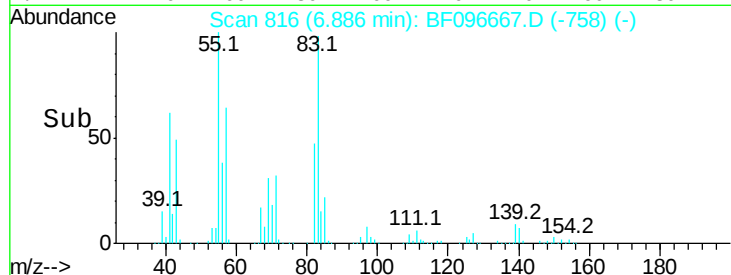
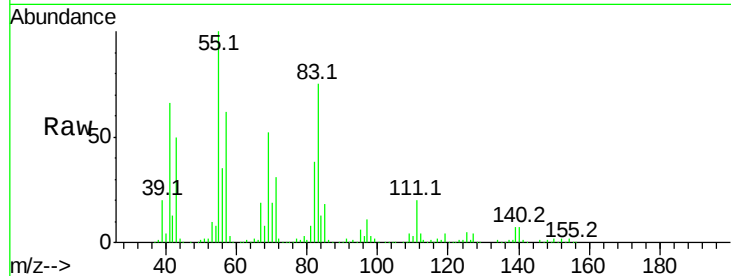
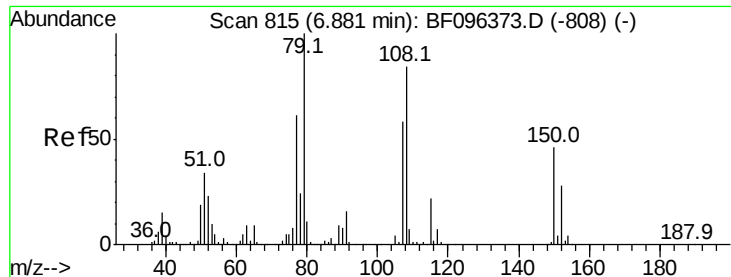
Ion Ratio Lower Upper

146 100

148 66.1 50.4 75.6

111 705.1 38.2 57.4#





#15

Benzyl Alcohol

Concen: 8.174 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.04 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

Instrument :

BNA_F

ClientSampleId :

E2-P6-WSW

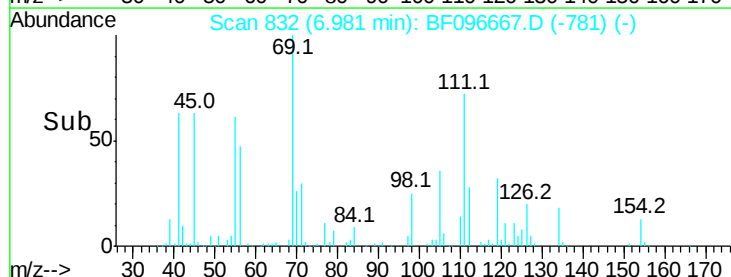
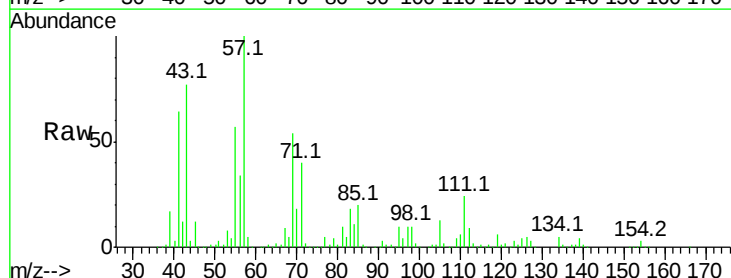
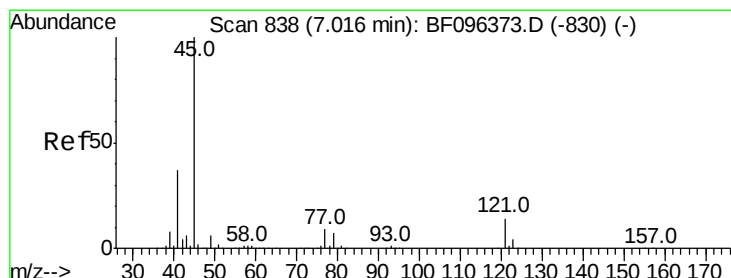
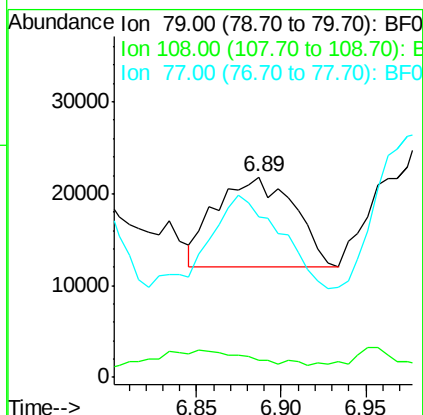
Tot Ion: 79 Resp: 31293

Ion Ratio Lower Upper

79 100

108 8.4 63.4 95.0#

77 79.7 49.2 73.8#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 13.329 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

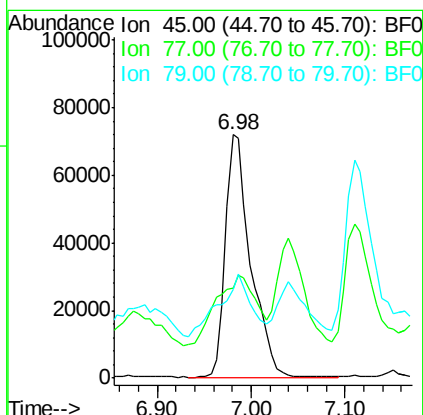
Tgt Ion: 45 Resp: 136627

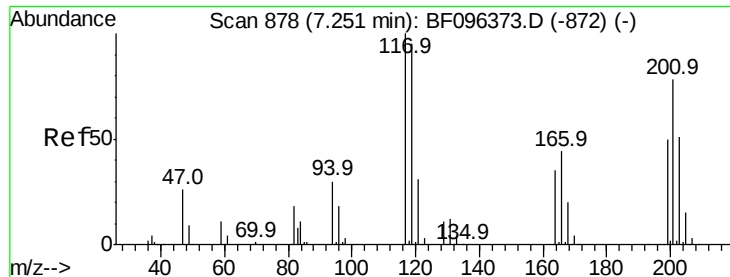
Ion Ratio Lower Upper

45 100

77 36.8 0.0 33.2#

79 36.6 0.0 30.0#





#18

Hexachloroethane

Concen: 20.098 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

Instrument :

BNA_F

ClientSampleId :

E2-P6-WSW

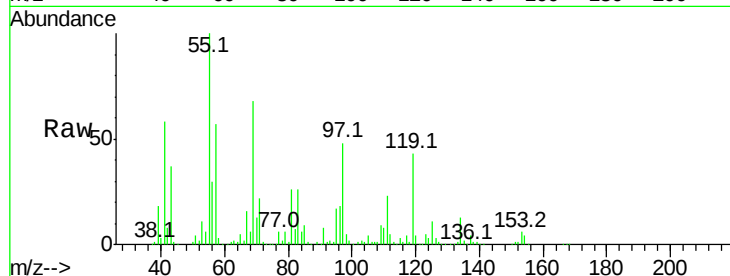
Tot Ion:117 Resp: 37933

Ion Ratio Lower Upper

117 100

119 1159.9 77.4 116.0#

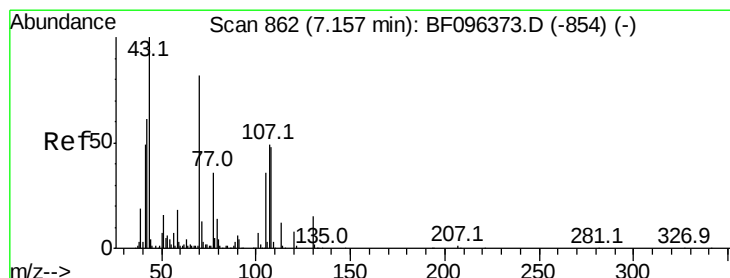
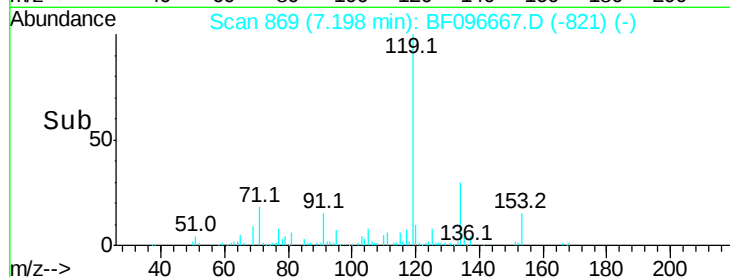
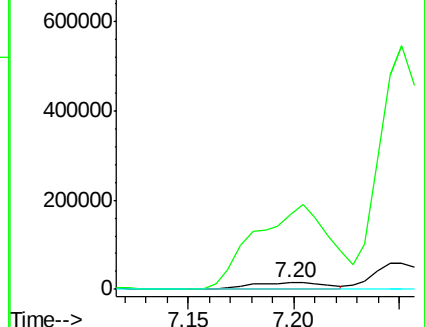
201 0.0 94.6 141.8#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 30.545 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.02 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

Tgt Ion: 70 Resp: 104210

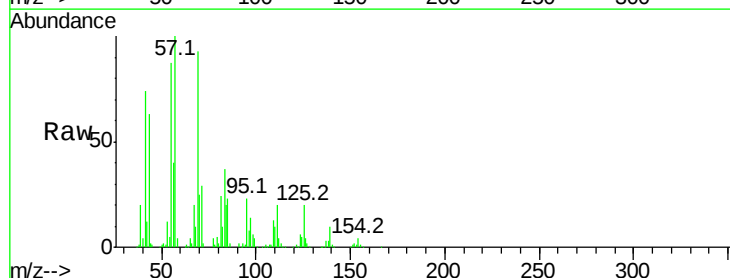
Ion Ratio Lower Upper

70 100

42 50.1 47.2 70.8

101 0.0 7.2 10.8#

130 0.0 15.9 23.9#

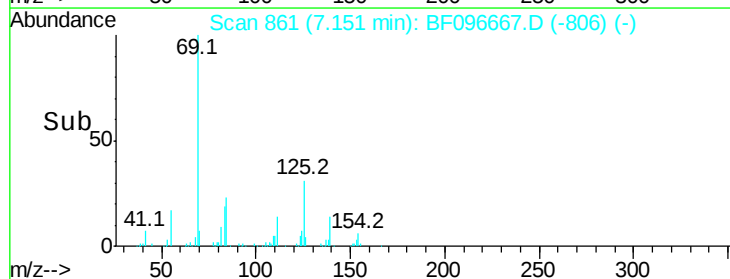
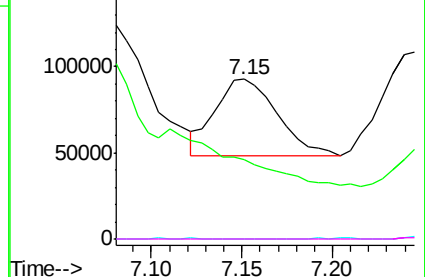


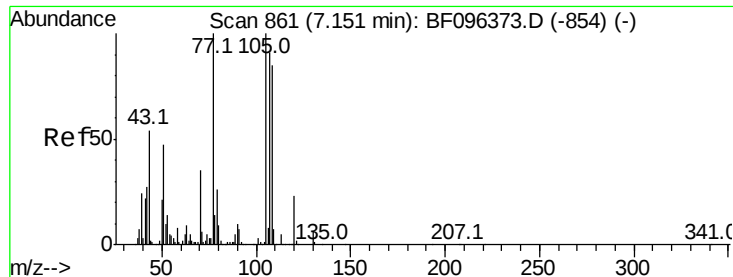
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

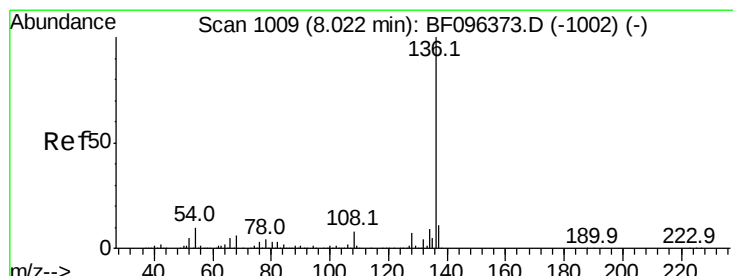
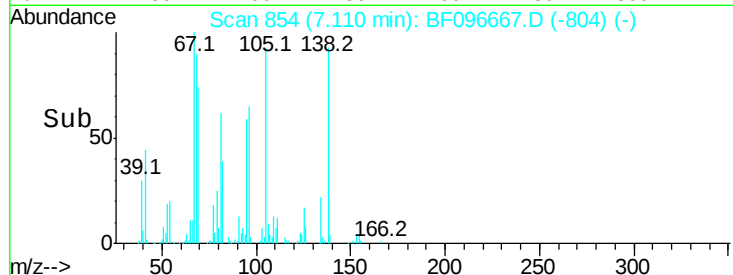
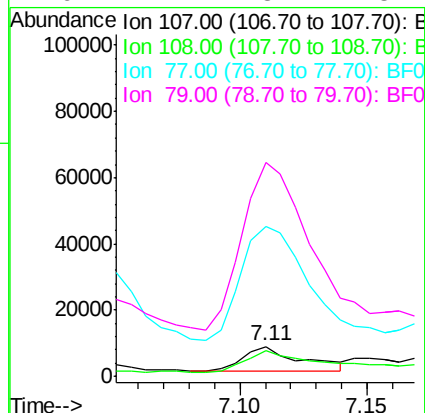
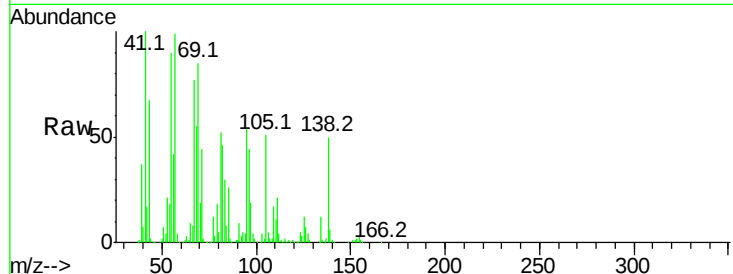




#20
3+4-Methylphenols
Concen: 2.547 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF096667.D
Acq: 12 Jul 2017 2:50

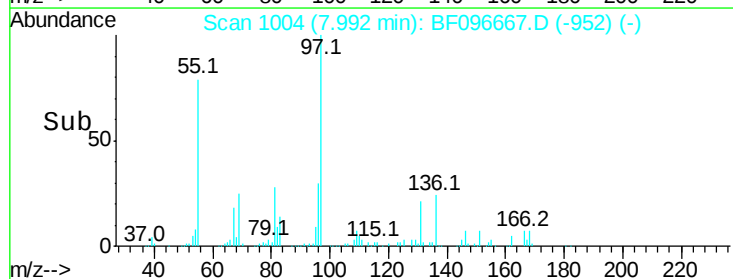
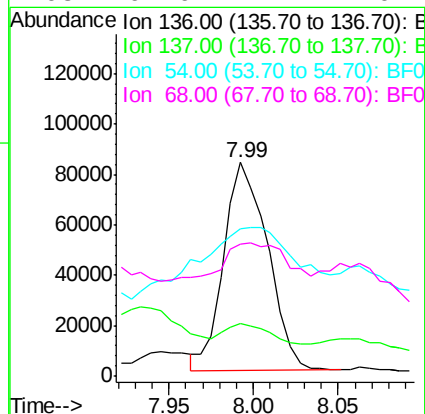
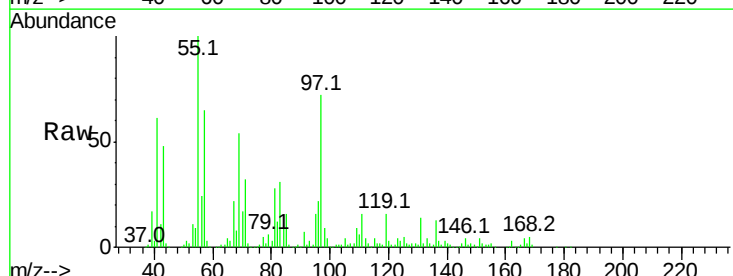
Instrument :
BNA_F
ClientSampleId :
E2-P6-WSW

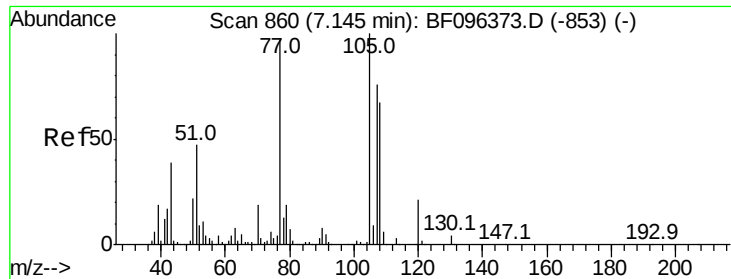
Tot Ion:	107	Resp:	11246
Ion	Ratio	Lower	Upper
107	100		
108	85.3	71.0	111.0
77	510.0	90.5	130.5#
79	724.7	8.4	48.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF096667.D
Acq: 12 Jul 2017 2:50

Tgt Ion:	136	Resp:	149623
Ion	Ratio	Lower	Upper
136	100		
137	24.5	8.5	12.7#
54	68.8	4.9	7.3#
68	61.6	4.1	6.1#





#22

Acetophenone

Concen: 90.854 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

Instrument :

BNA_F

ClientSampleId :

E2-P6-WSW

Tot Ion:105 Resp: 297028

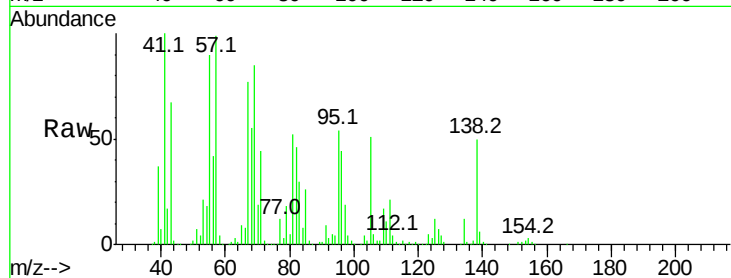
Ion Ratio Lower Upper

105 100

71 86.5 2.8 4.2#

51 13.4 30.7 46.1#

120 0.4 17.4 26.0#

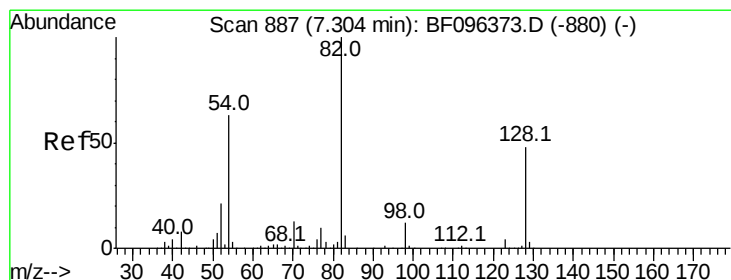
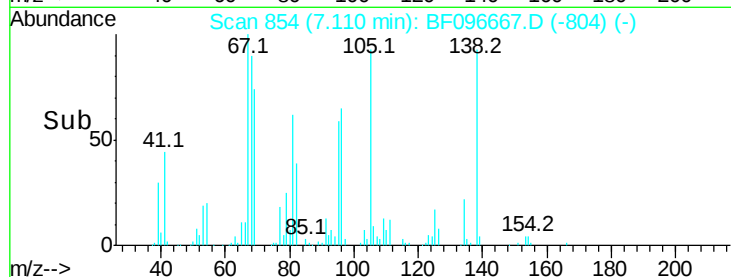
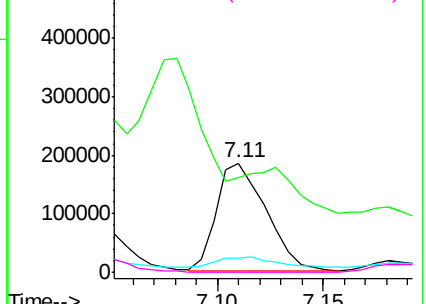


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 133.787 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

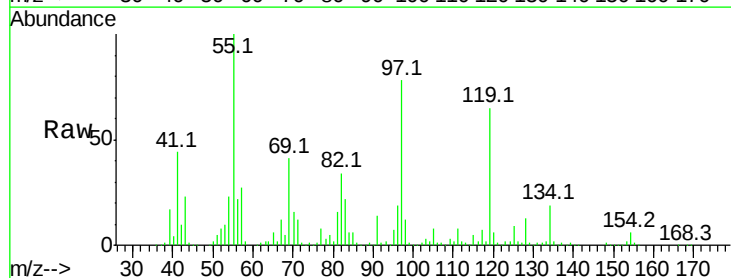
Tgt Ion: 82 Resp: 333122

Ion Ratio Lower Upper

82 100

128 39.2 34.0 51.0

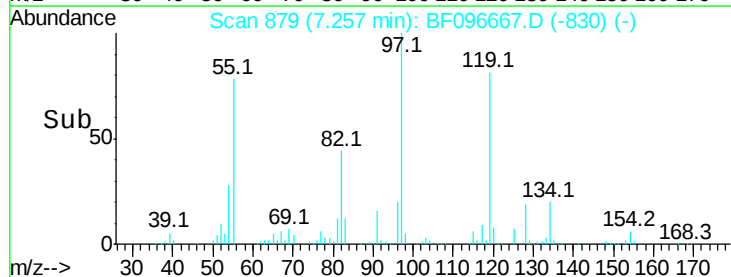
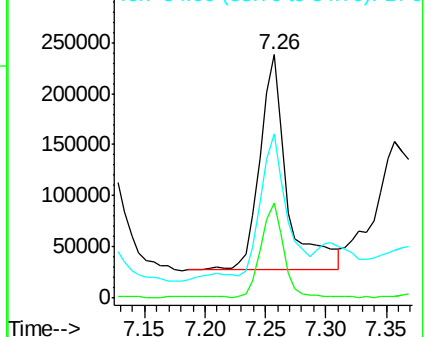
54 67.6 42.2 63.2#

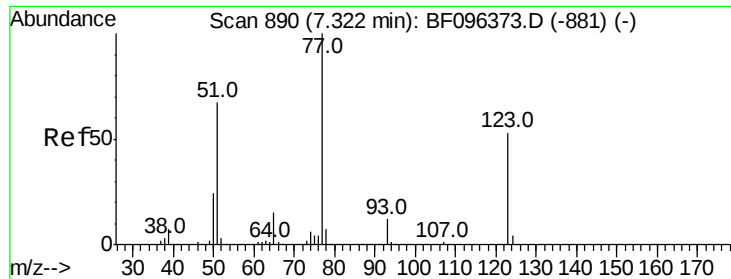


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

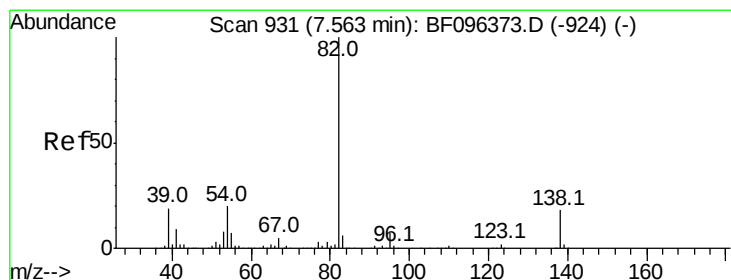
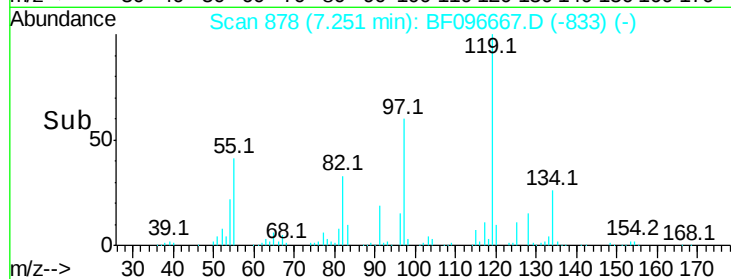
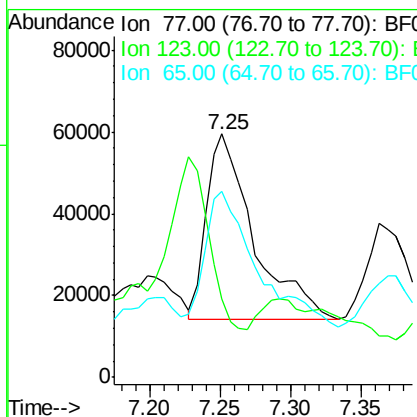
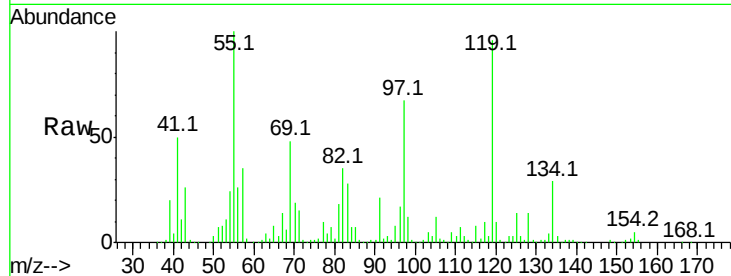




#24
Nitrobenzene
Concen: 40.680 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.04 min
Lab File: BF096667.D
Acq: 12 Jul 2017 2:50

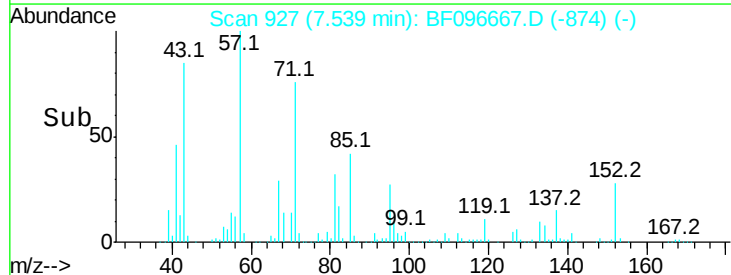
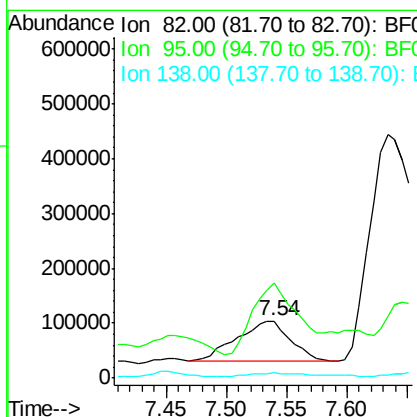
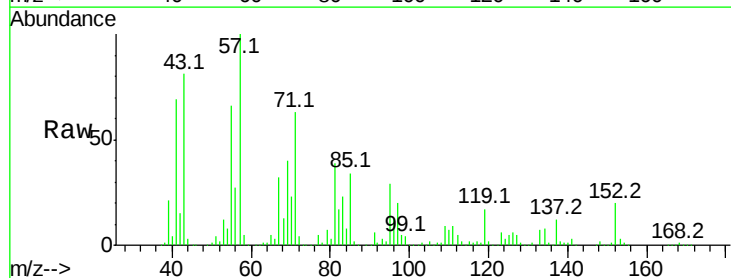
Instrument :
BNA_F
ClientSampleId :
E2-P6-WSW

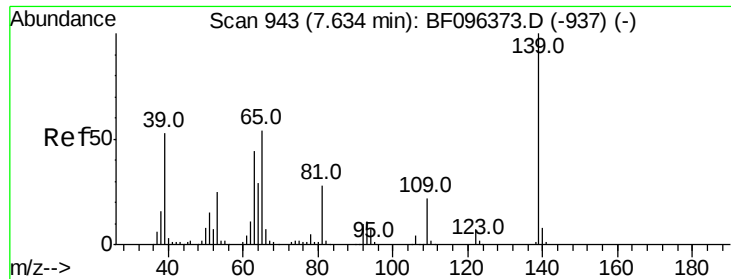
Tot Ion: 77 Resp: 106261
Ion Ratio Lower Upper
77 100
123 32.1 35.8 53.8#
65 76.2 10.6 15.8#



#25
Isophorone
Concen: 47.751 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF096667.D
Acq: 12 Jul 2017 2:50

Tgt Ion: 82 Resp: 230532
Ion Ratio Lower Upper
82 100
95 166.6 5.3 7.9#
138 9.6 13.1 19.7#





#26

2-Nitrophenol

Concen: 8.049 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.02 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

Instrument :

BNA_F

ClientSampleId :

E2-P6-WSW

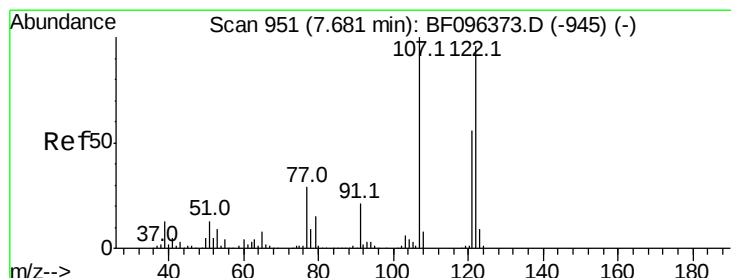
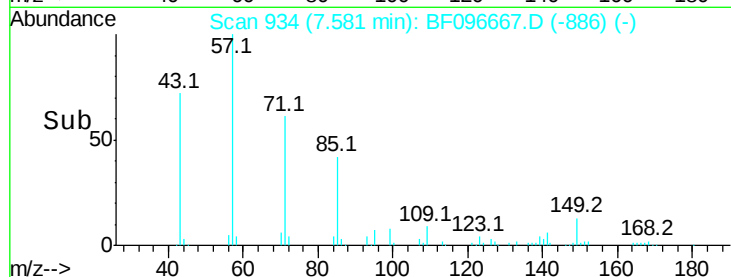
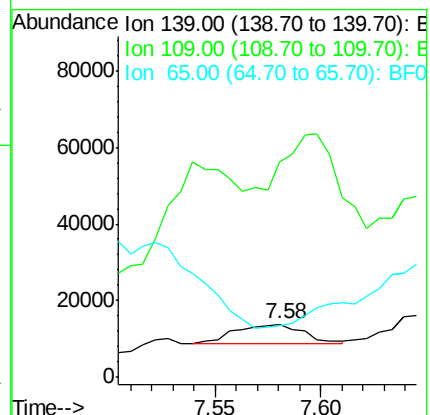
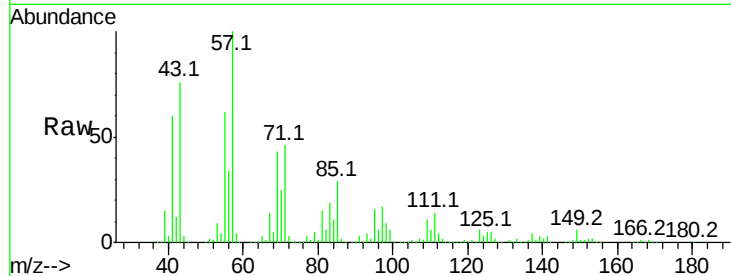
Tot Ion:139 Resp: 11128

Ion Ratio Lower Upper

139 100

109 407.4 21.0 31.6#

65 98.0 33.0 49.6#



#27

2,4-Dimethylphenol

Concen: 16.232 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.13 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

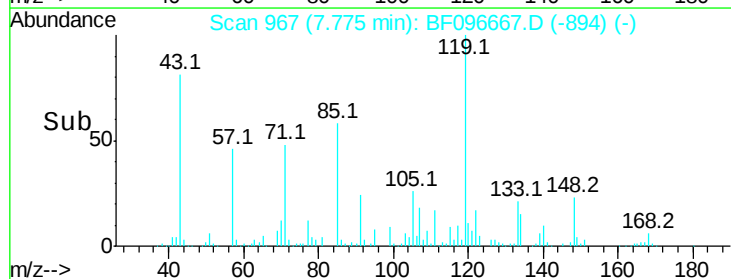
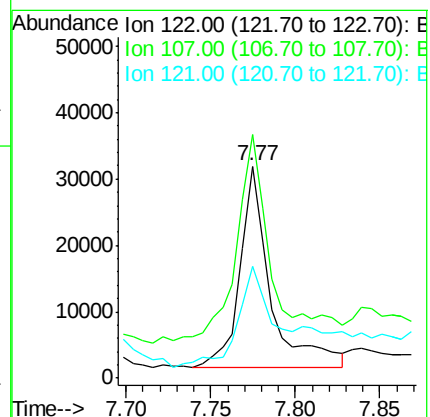
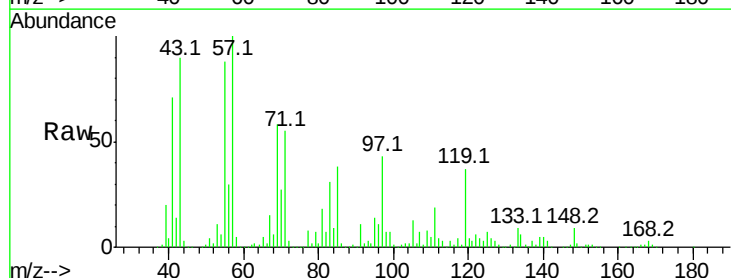
Tgt Ion:122 Resp: 38213

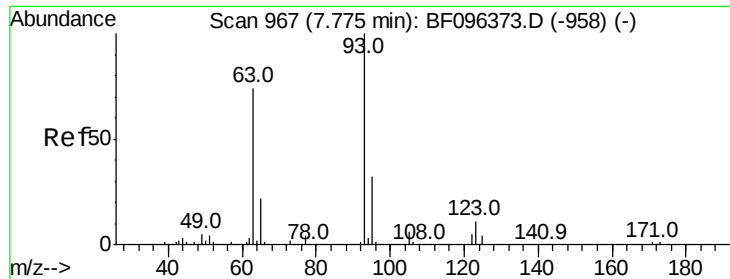
Ion Ratio Lower Upper

122 100

107 114.8 89.2 133.8

121 52.5 45.2 67.8

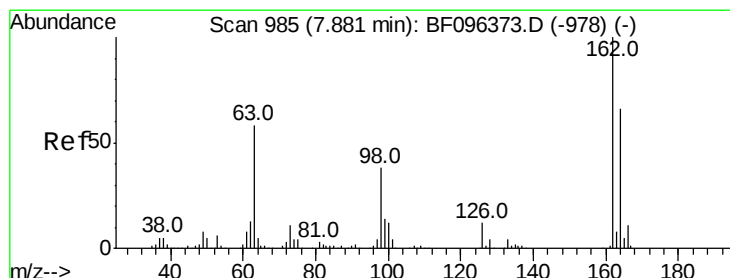
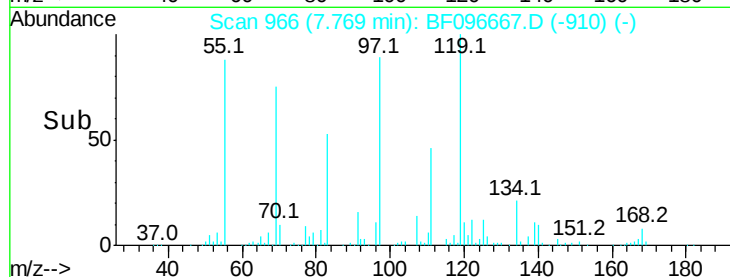
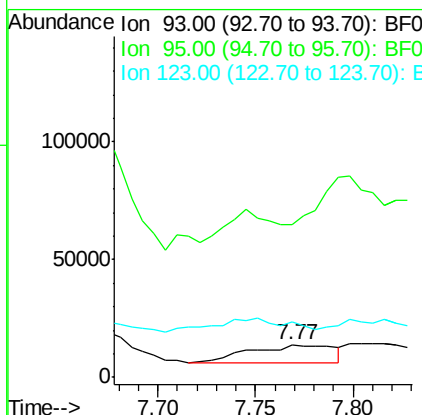
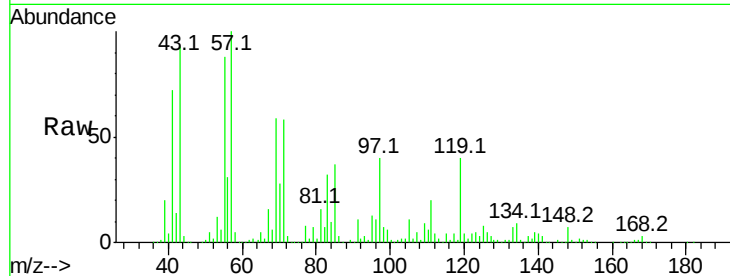




#28
bis(2-Chloroethoxy)methane
Concen: 6.948 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.03 min
Lab File: BF096667.D
Acq: 12 Jul 2017 2:50

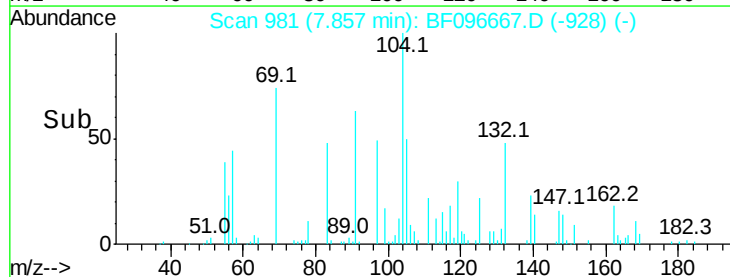
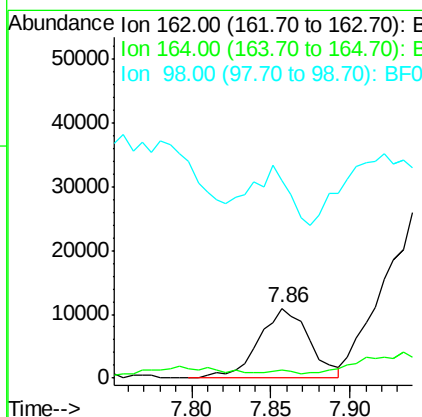
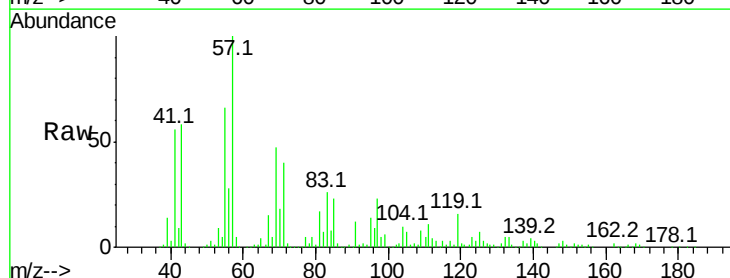
Instrument :
BNA_F
ClientSampleId :
E2-P6-WSW

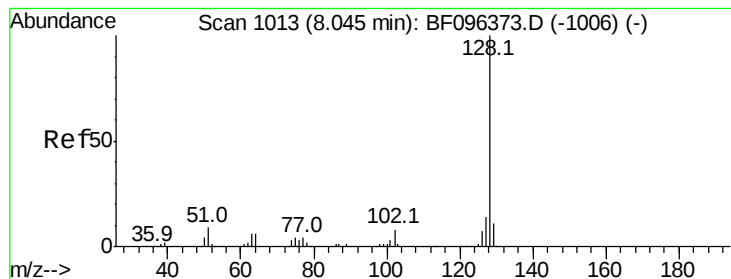
Tot Ion: 93 Resp: 22142
Ion Ratio Lower Upper
93 100
95 464.4 26.5 39.7#
123 167.9 9.0 13.4#



#29
2,4-Dichlorophenol
Concen: 11.912 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.01 min
Lab File: BF096667.D
Acq: 12 Jul 2017 2:50

Tgt Ion: 162 Resp: 24194
Ion Ratio Lower Upper
162 100
164 12.0 44.6 84.6#
98 283.7 14.8 54.8#





#31

Naphthalene

Concen: 26.185 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.01 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

Instrument :

BNA_F

ClientSampleId :

E2-P6-WSW

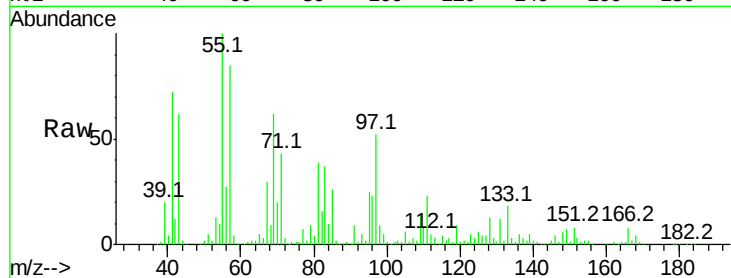
Tot Ion:128 Resp: 184957

Ion Ratio Lower Upper

128 100

129 23.8 9.0 13.6#

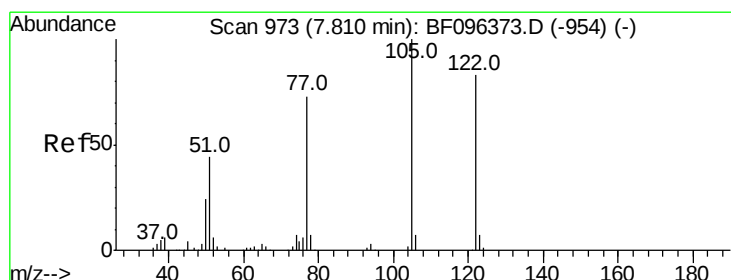
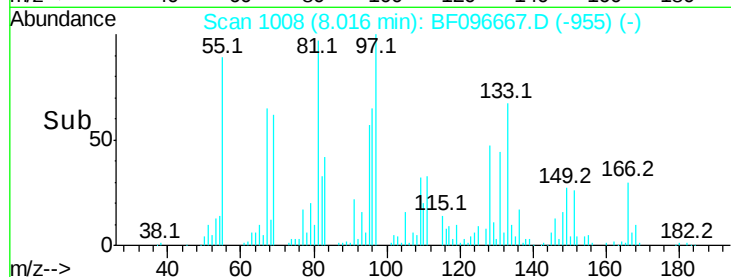
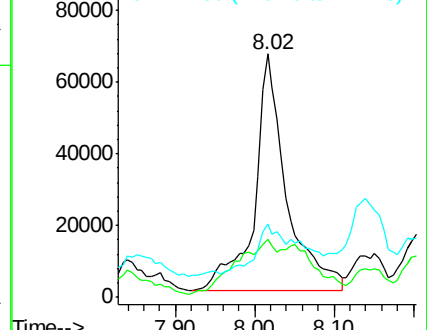
127 29.9 10.8 16.2#



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: 19.327 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

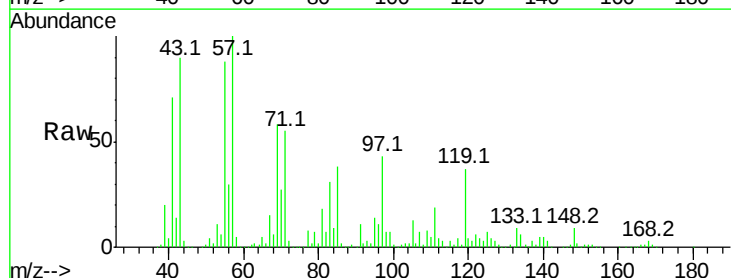
Tgt Ion:122 Resp: 38213

Ion Ratio Lower Upper

122 100

105 200.0 103.3 143.3#

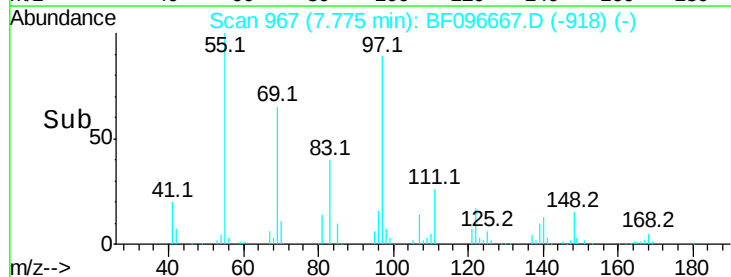
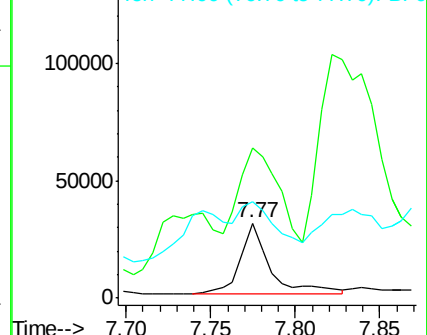
77 128.4 73.7 113.7#

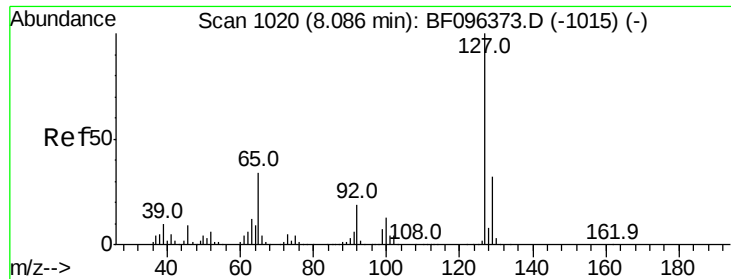


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

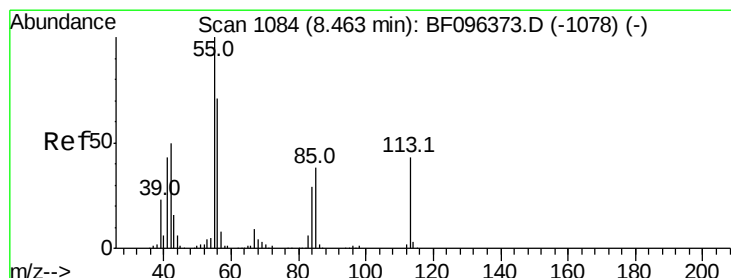
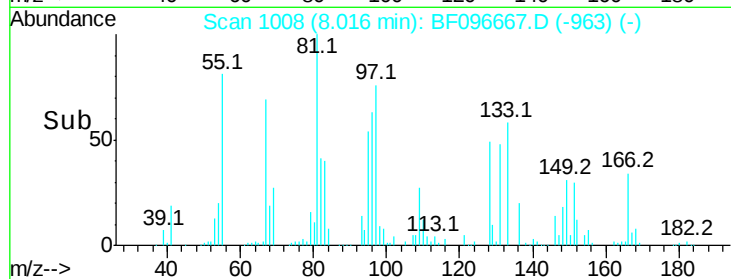
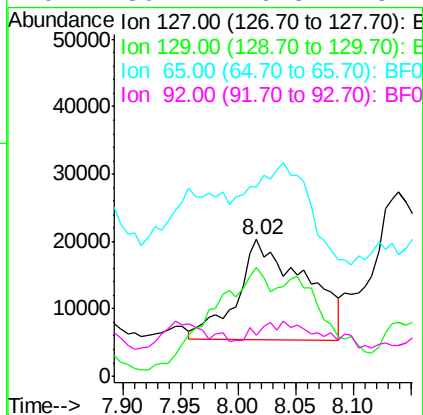
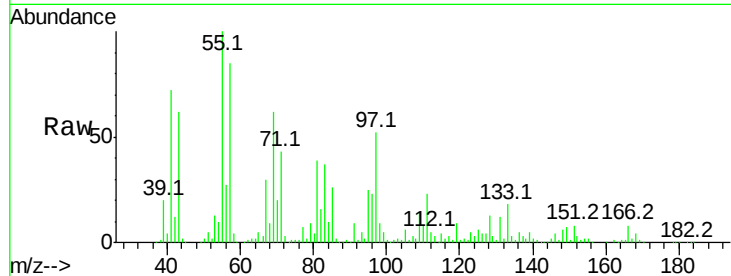




#33
4-Chloroaniline
Concen: 20.729 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.04 min
Lab File: BF096667.D
Acq: 12 Jul 2017 2:50

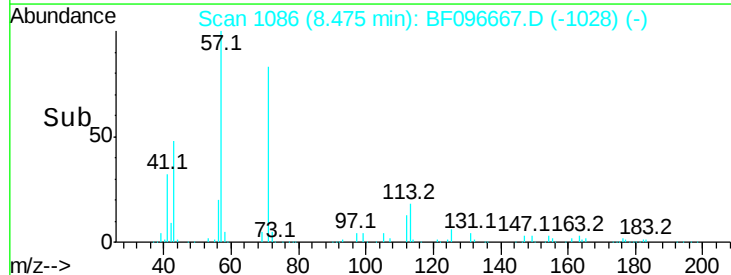
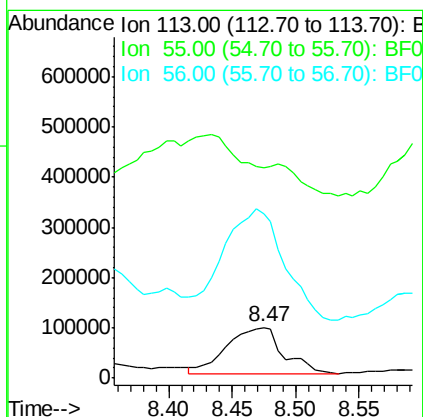
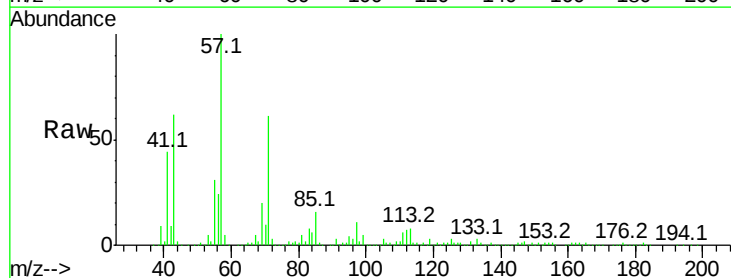
Instrument :
BNA_F
ClientSampleId :
E2-P6-WSW

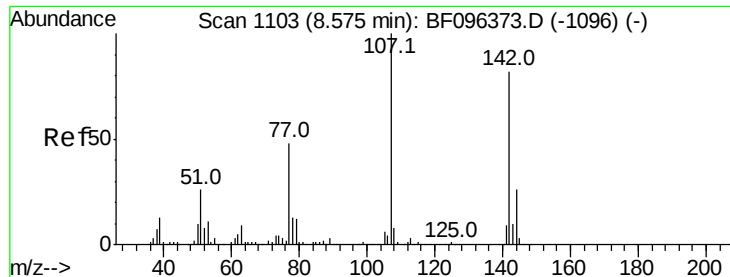
Tot Ion:127 Resp: 60818
Ion Ratio Lower Upper
127 100
129 79.5 26.2 39.2#
65 138.8 27.8 41.8#
92 30.1 16.8 25.2#



#35
Caprolactam
Concen: 408.228 ng
RT: 8.47 min Scan# 1086
Delta R.T. 0.04 min
Lab File: BF096667.D
Acq: 12 Jul 2017 2:50

Tgt Ion:113 Resp: 285922
Ion Ratio Lower Upper
113 100
55 413.7 150.2 190.2#
56 323.1 107.8 147.8#

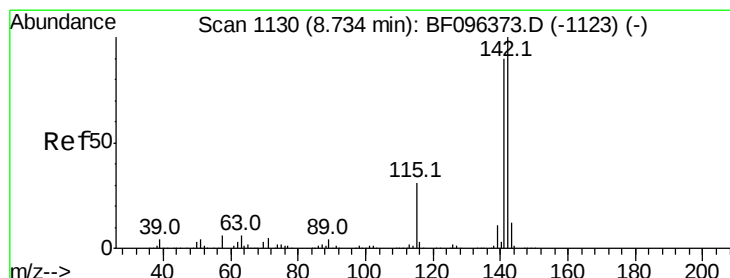
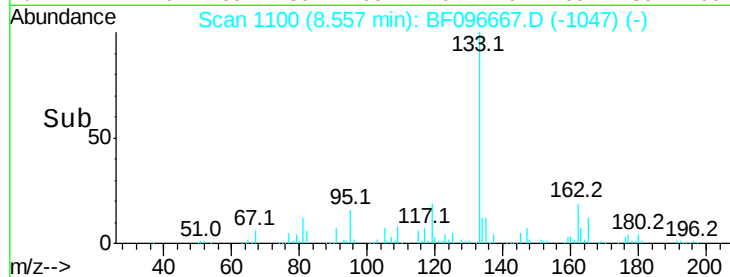
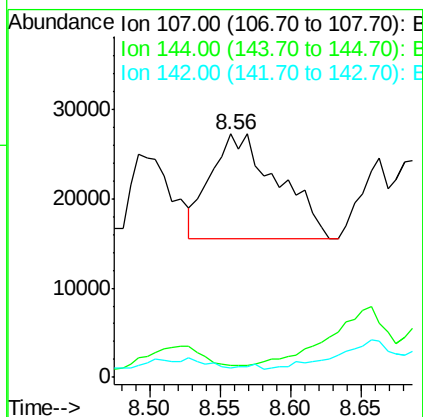
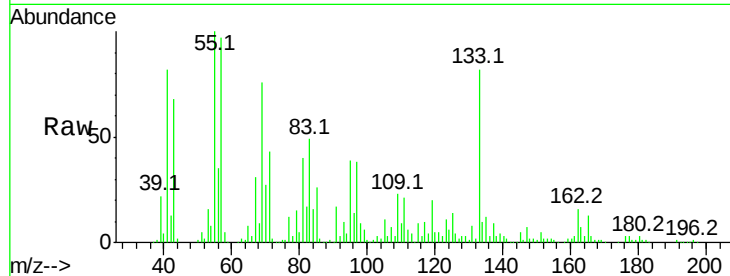




#36
 4-Chloro-3-methylphenol
 Concen: 17.490 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.01 min
 Lab File: BF096667.D
 Acq: 12 Jul 2017 2:50

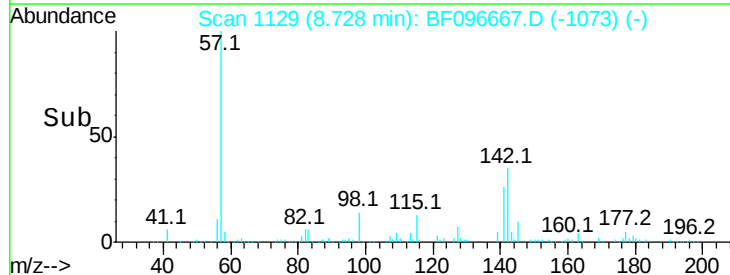
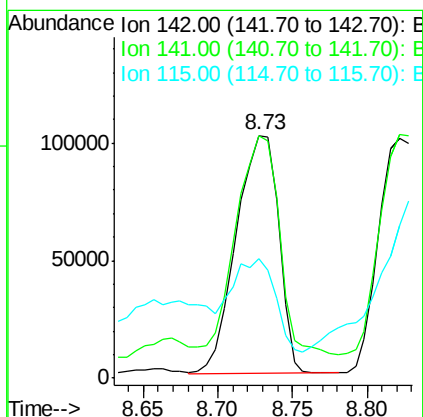
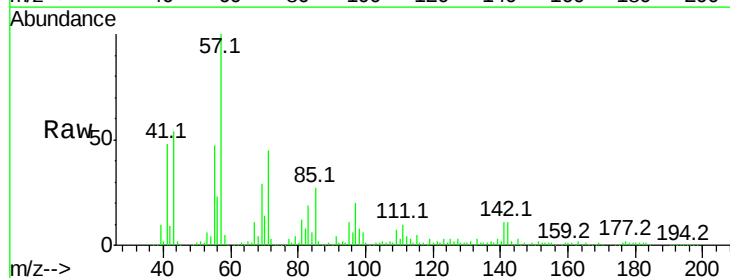
Instrument :
 BNA_F
 ClientSampleId :
 E2-P6-WSW

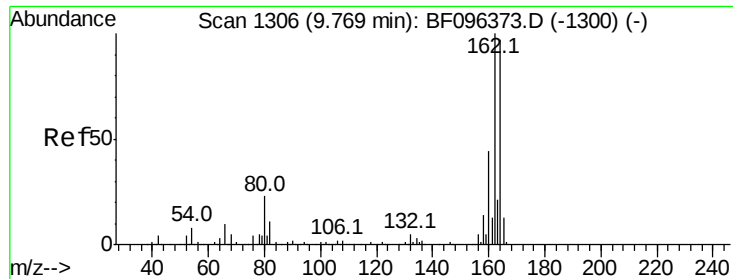
Tot Ion:107 Resp: 39307
 Ion Ratio Lower Upper
 107 100
 144 5.1 24.2 36.4#
 142 3.7 73.4 110.0#



#37
 2-Methylnaphthalene
 Concen: 44.458 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.03 min
 Lab File: BF096667.D
 Acq: 12 Jul 2017 2:50

Tgt Ion:142 Resp: 199898
 Ion Ratio Lower Upper
 142 100
 141 100.1 71.3 106.9
 115 49.2 27.1 40.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.03 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

Instrument :

BNA_F

ClientSampleId :

E2-P6-WSW

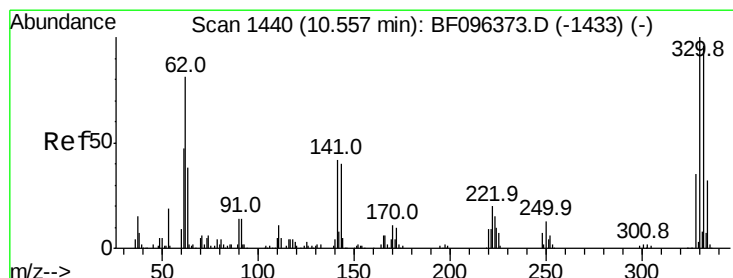
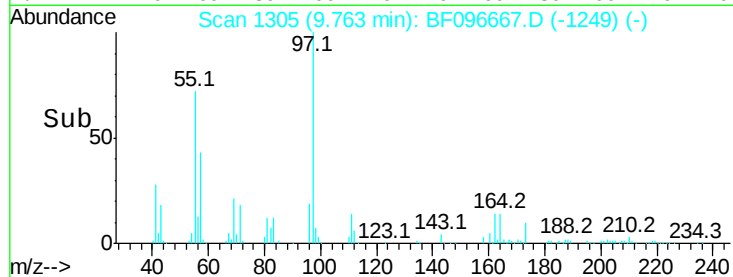
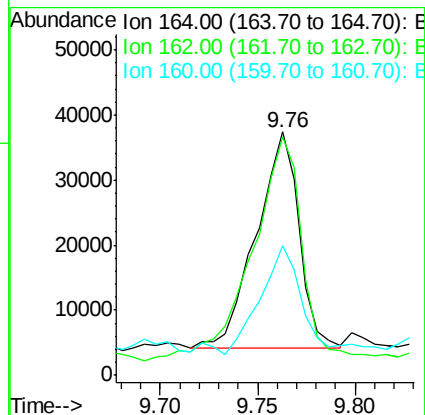
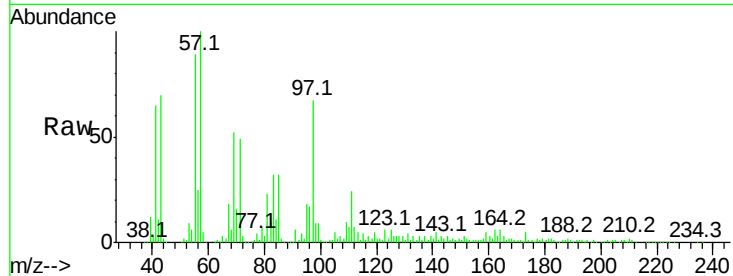
Tot Ion:164 Resp: 50243

Ion Ratio Lower Upper

164 100

162 98.0 82.6 123.8

160 53.2 36.2 54.2



#41

2,4,6-Tribromophenol

Concen: 174.984 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.02 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

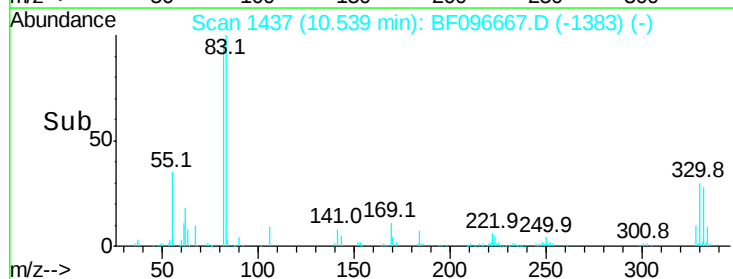
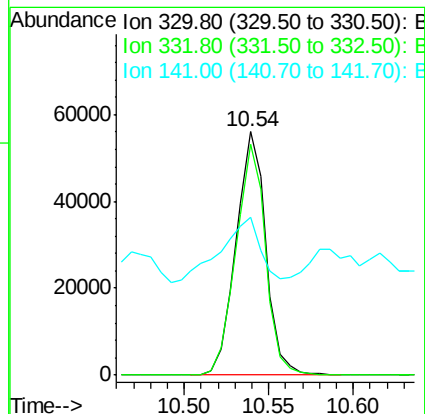
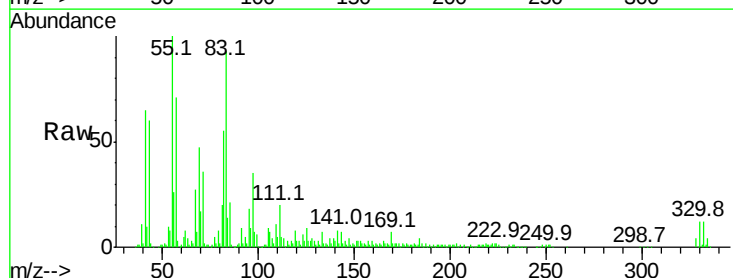
Tgt Ion:330 Resp: 68674

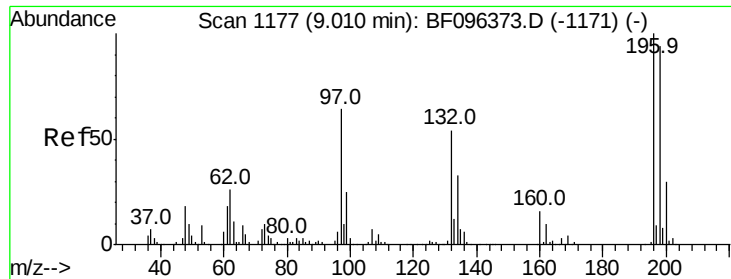
Ion Ratio Lower Upper

330 100

332 94.4 76.6 115.0

141 34.7 31.4 47.2

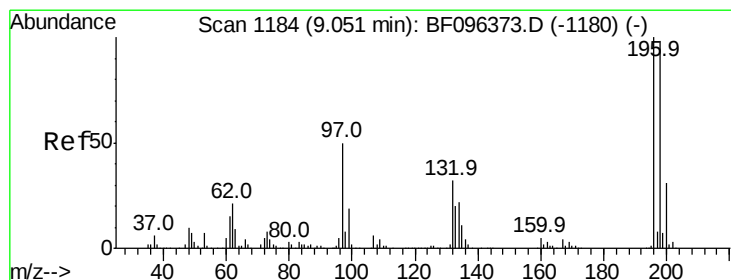
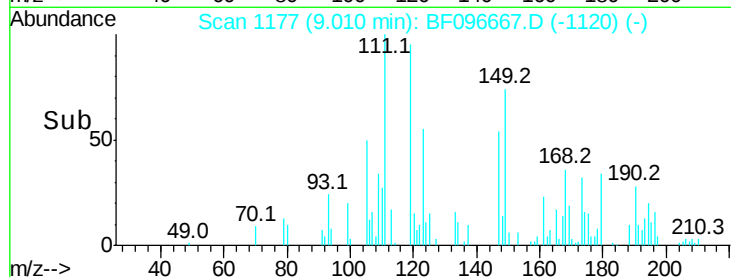
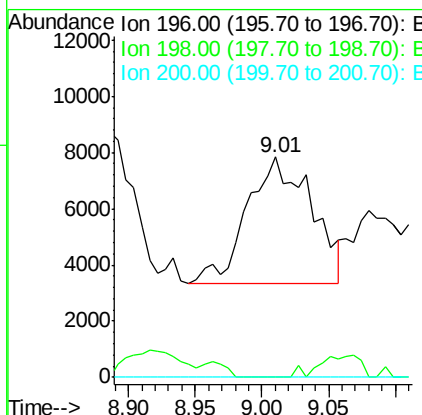
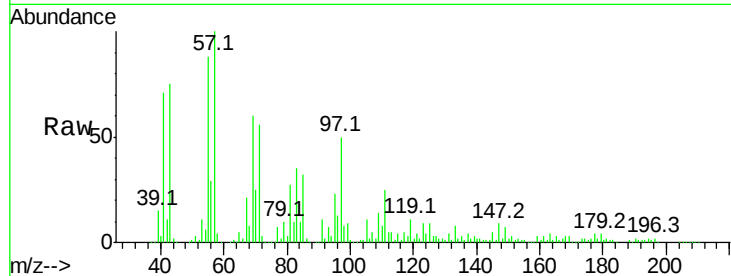




#42
 2,4,6-Trichlorophenol
 Concen: 14.816 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.04 min
 Lab File: BF096667.D
 Acq: 12 Jul 2017 2:50

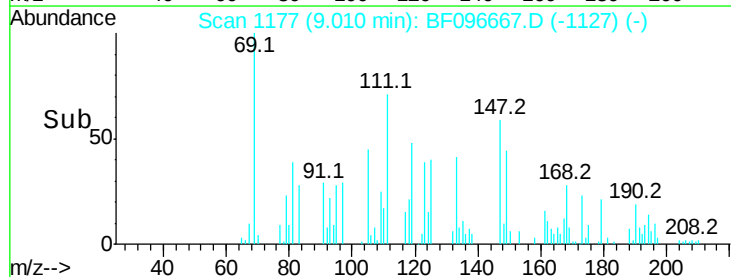
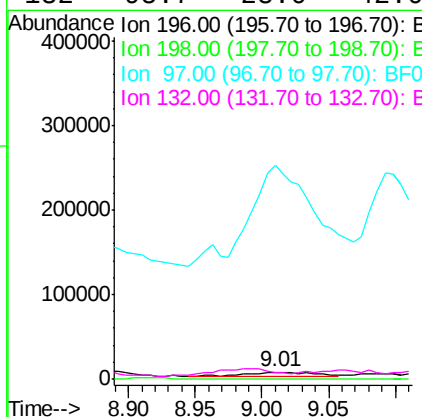
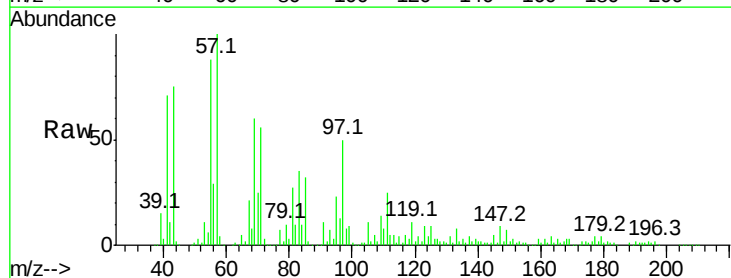
Instrument :
 BNA_F
 ClientSampleId :
 E2-P6-WSW

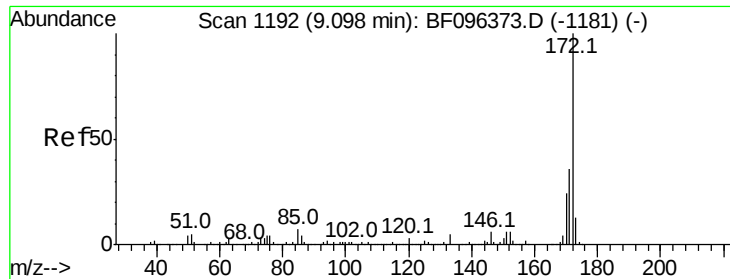
Tot Ion:196 Resp: 15290
 Ion Ratio Lower Upper
 196 100
 198 0.0 74.2 111.4#
 200 0.0 24.0 36.0#



#43
 2,4,5-Trichlorophenol
 Concen: 14.984 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF096667.D
 Acq: 12 Jul 2017 2:50

Tgt Ion:196 Resp: 15290
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.7 113.5#
 97 3227.8 47.7 71.5#
 132 95.7 28.0 42.0#

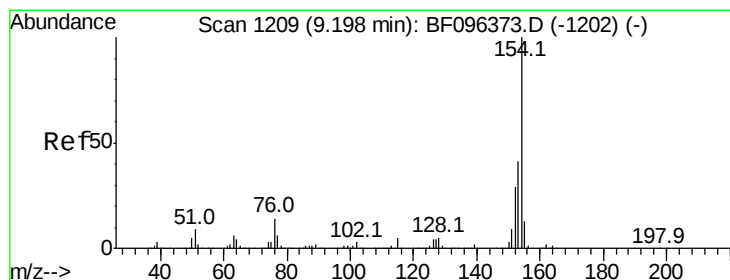
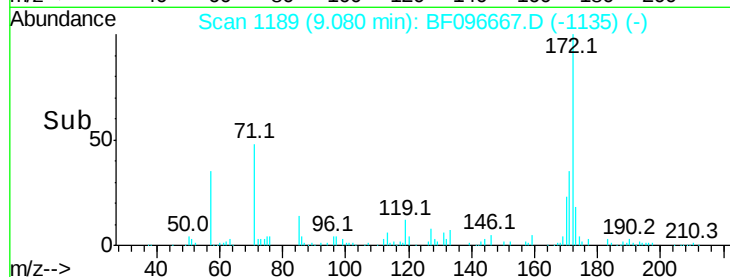
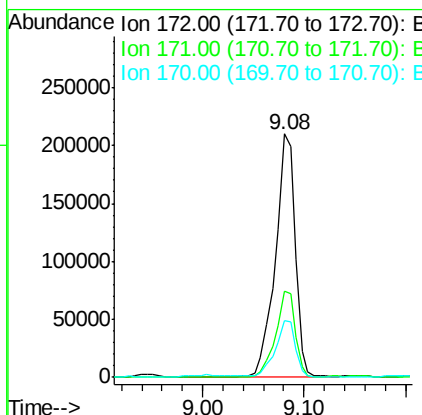
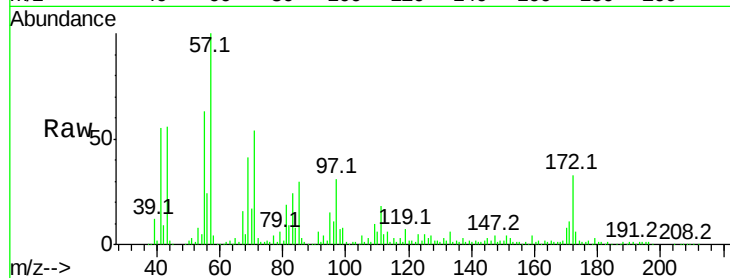




#44
2-Fluorobiphenyl
Concen: 98.440 ng
RT: 9.08 min Scan# 1189
Delta R.T. 0.02 min
Lab File: BF096667.D
Acq: 12 Jul 2017 2:50

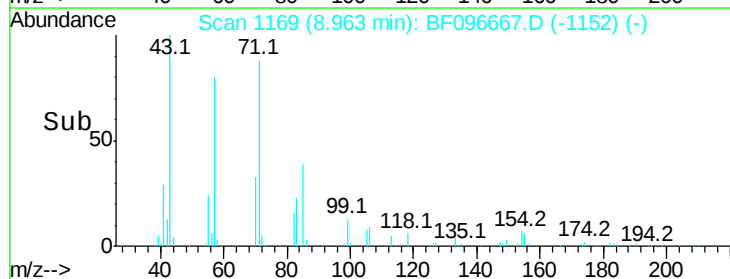
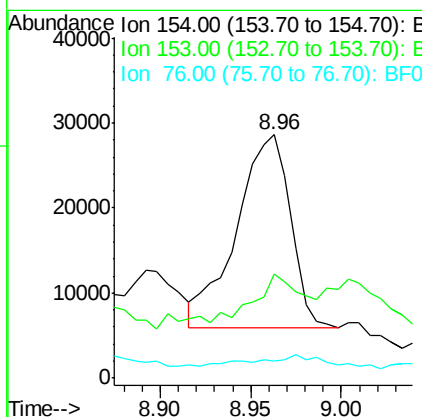
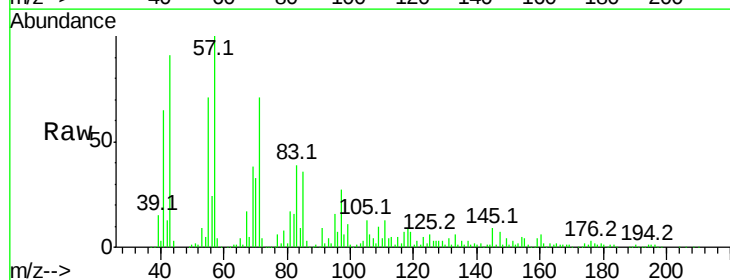
Instrument :
BNA_F
ClientSampled :
E2-P6-WSW

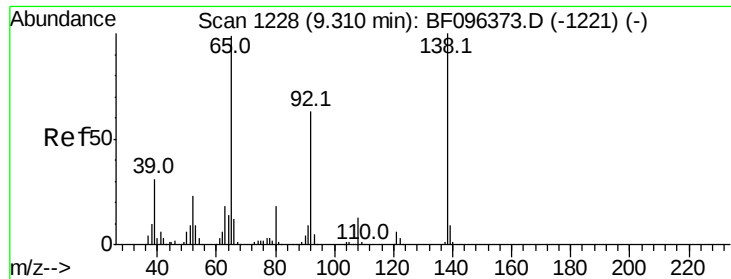
Tot Ion:172 Resp: 289273
Ion Ratio Lower Upper
172 100
171 35.2 29.6 44.4
170 23.2 19.8 29.8



#45
1,1'-Biphenyl
Concen: 10.906 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.20 min
Lab File: BF096667.D
Acq: 12 Jul 2017 2:50

Tgt Ion:154 Resp: 46948
Ion Ratio Lower Upper
154 100
153 42.7 21.2 61.2
76 7.2 0.0 29.9

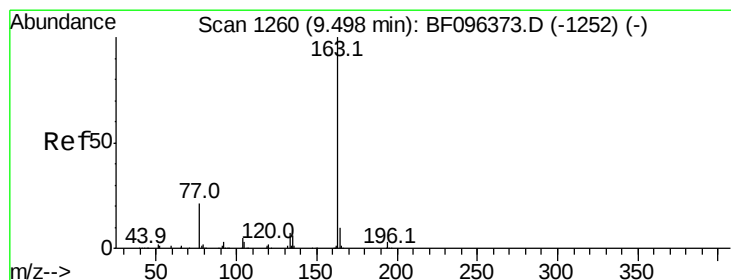
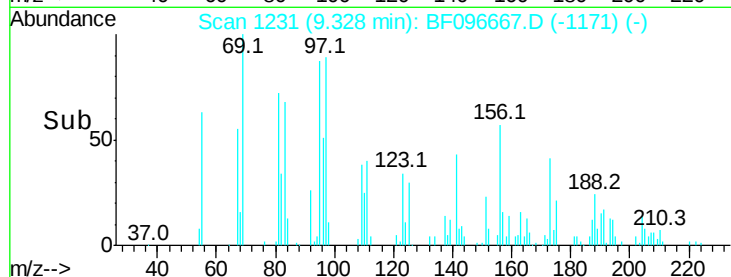
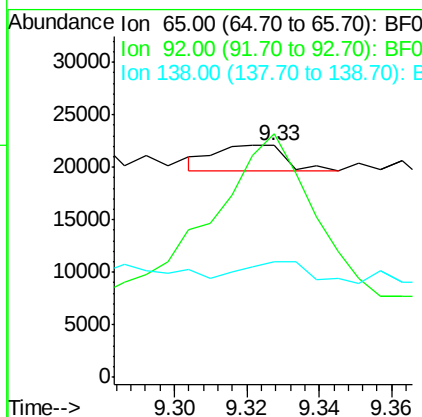
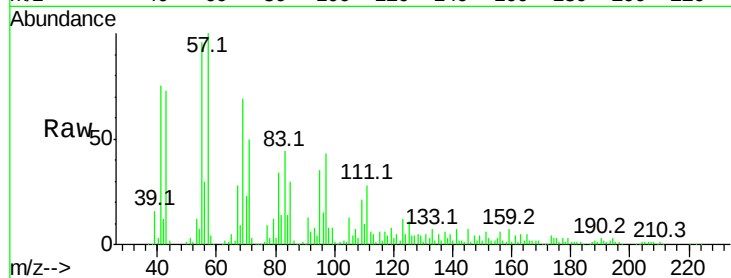




#47
2-Nitroaniline
Concen: 2.823 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.05 min
Lab File: BF096667.D
Acq: 12 Jul 2017 2:50

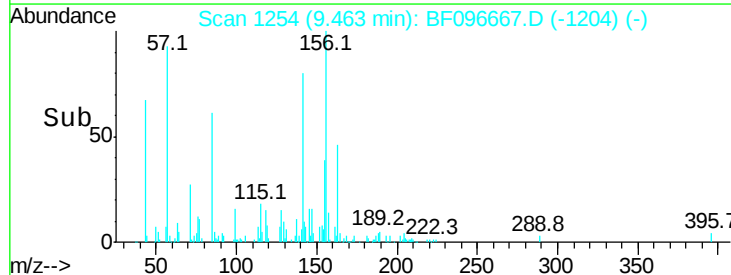
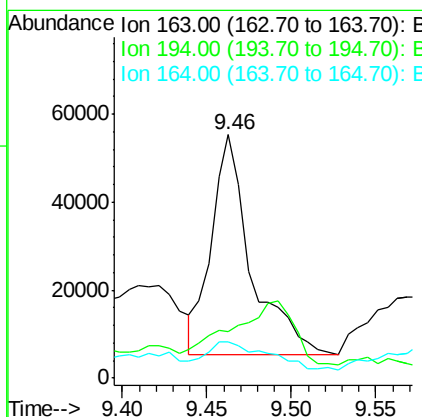
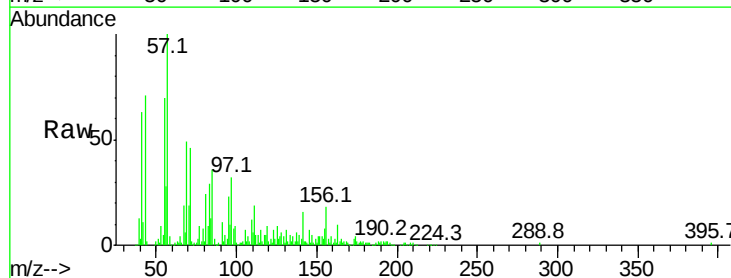
Instrument :
BNA_F
ClientSampleId :
E2-P6-WSW

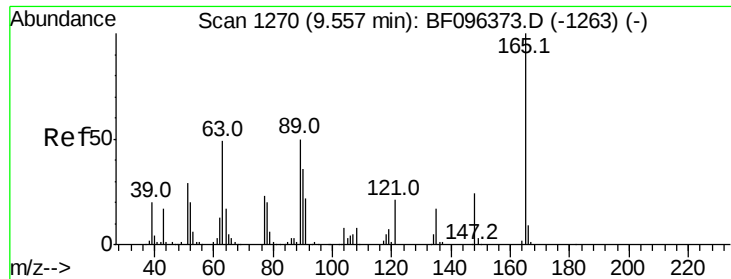
Tot Ion: 65 Resp: 3296
Ion Ratio Lower Upper
65 100
92 105.0 53.9 80.9#
138 49.9 78.8 118.2#



#49
Dimethylphthalate
Concen: 21.729 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF096667.D
Acq: 12 Jul 2017 2:50

Tgt Ion:163 Resp: 81498
Ion Ratio Lower Upper
163 100
194 19.0 2.6 4.0#
164 14.8 8.4 12.6#

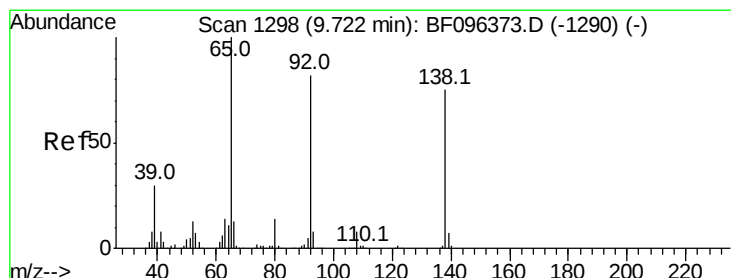
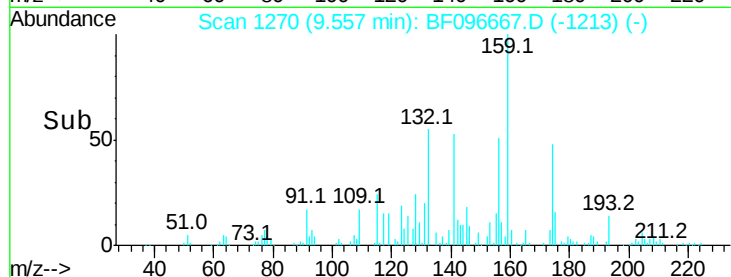
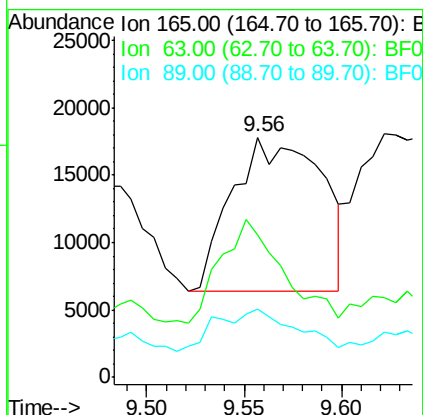
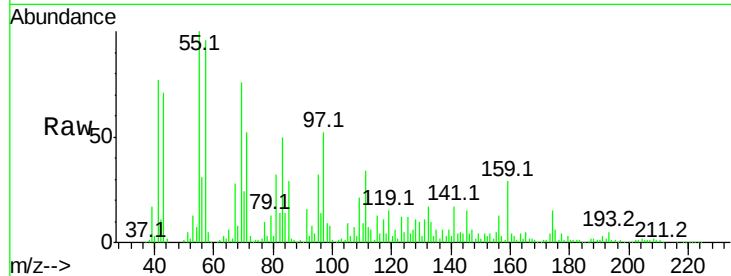




#50
 2,6-Dinitrotoluene
 Concen: 43.566 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.04 min
 Lab File: BF096667.D
 Acq: 12 Jul 2017 2:50

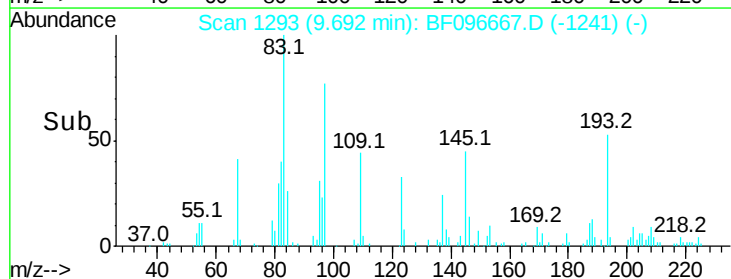
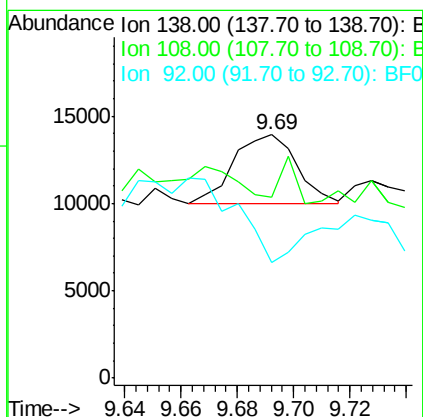
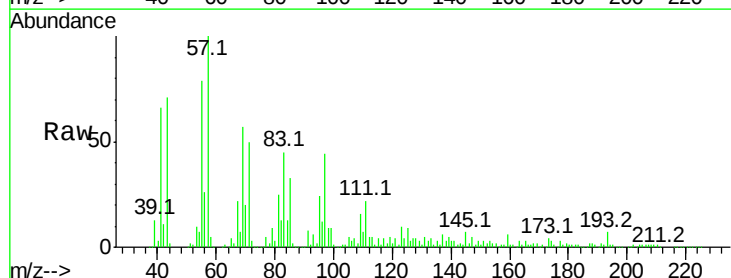
Instrument :
 BNA_F
 ClientSampleId :
 E2-P6-WSW

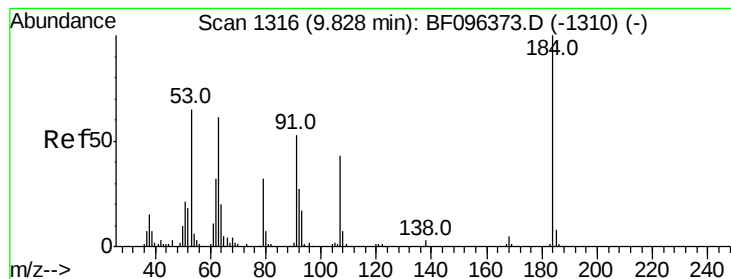
Tot Ion:165 Resp: 36134
 Ion Ratio Lower Upper
 165 100
 63 59.4 34.3 51.5#
 89 28.2 37.1 55.7#



#52
 3-Nitroaniline
 Concen: 5.971 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. 0.01 min
 Lab File: BF096667.D
 Acq: 12 Jul 2017 2:50

Tgt Ion:138 Resp: 6177
 Ion Ratio Lower Upper
 138 100
 108 74.1 9.1 13.7#
 92 47.5 93.8 140.6#





#53

2,4-Dinitrophenol

Concen: 2.806 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.02 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

Instrument :

BNA_F

ClientSampleId :

E2-P6-WSW

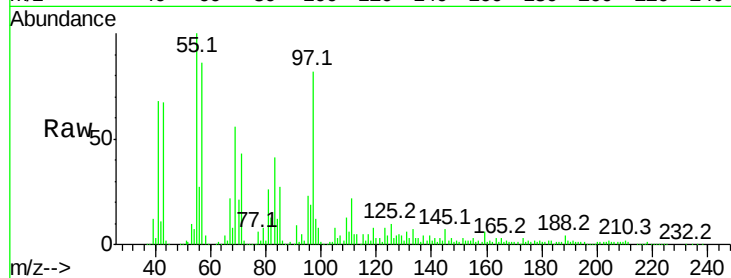
Tot Ion:184 Resp: 1236

Ion Ratio Lower Upper

184 100

63 289.0 62.7 94.1#

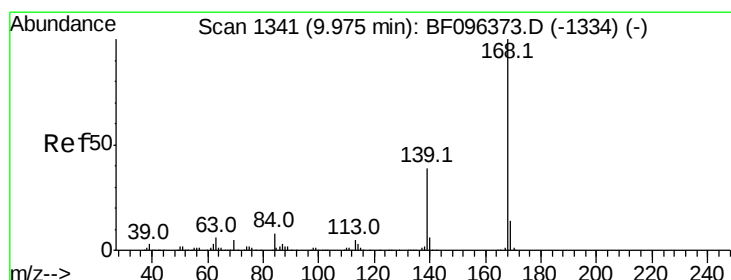
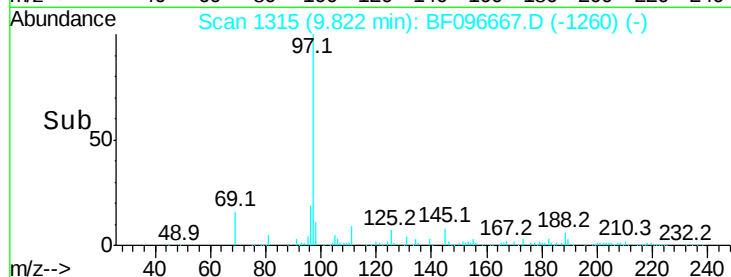
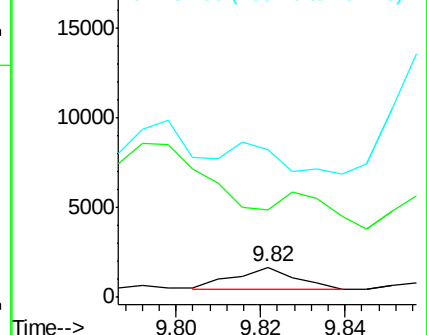
154 485.5 81.1 121.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 5.975 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.03 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

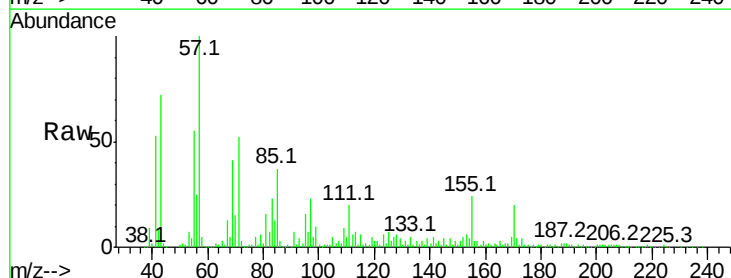
Tgt Ion:168 Resp: 24718

Ion Ratio Lower Upper

168 100

139 173.1 30.6 45.8#

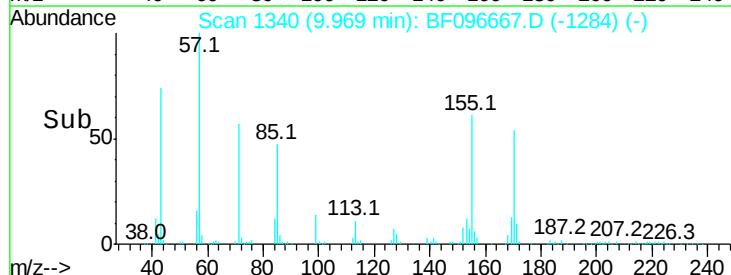
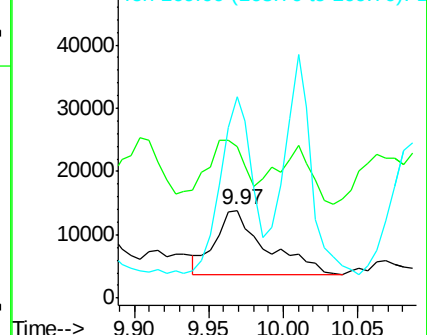
169 229.8 10.8 16.2#

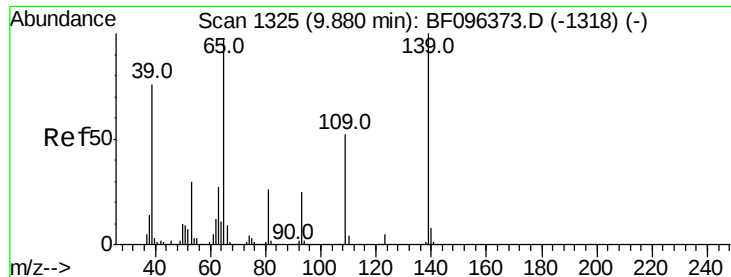


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 11.193 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.02 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

Instrument :

BNA_F

ClientSampled :

E2-P6-WSW

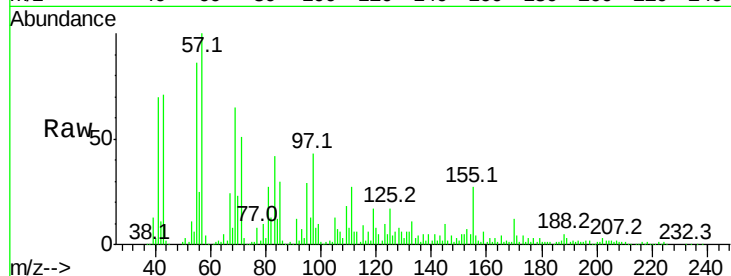
Tot Ion:139 Resp: 9597

Ion Ratio Lower Upper

139 100

109 321.0 34.1 74.1#

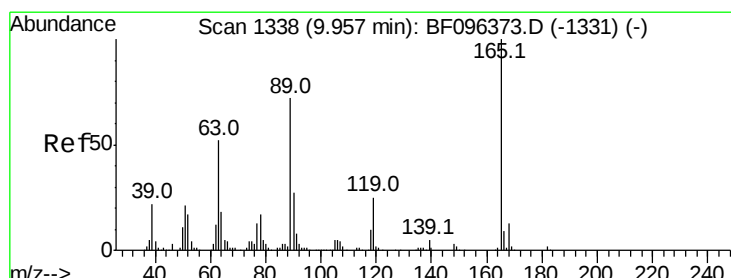
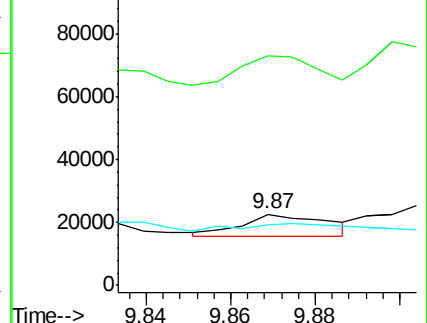
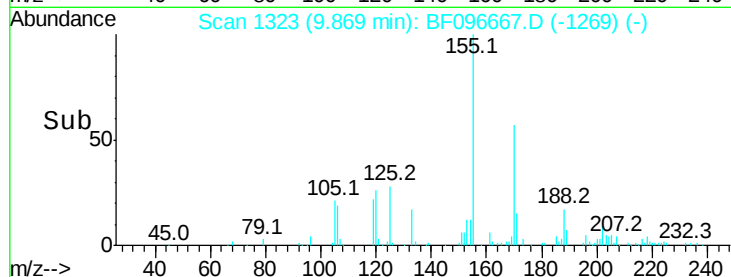
65 85.7 31.4 71.4#



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): BF0



#56

2,4-Dinitrotoluene

Concen: 5.308 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.04 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

Tgt Ion:165 Resp: 5575

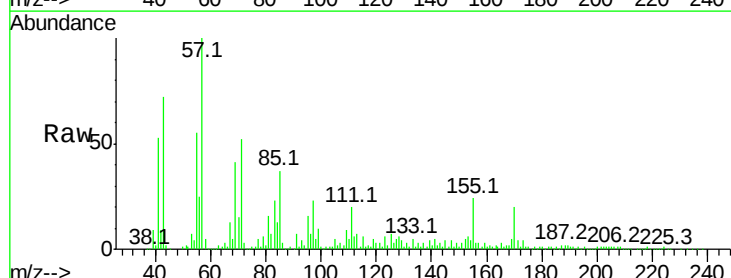
Ion Ratio Lower Upper

165 100

63 66.9 25.4 38.0#

89 29.0 46.4 69.6#

182 30.8 1.8 2.6#

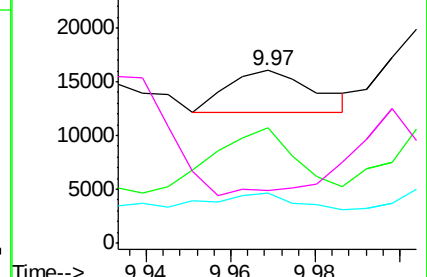
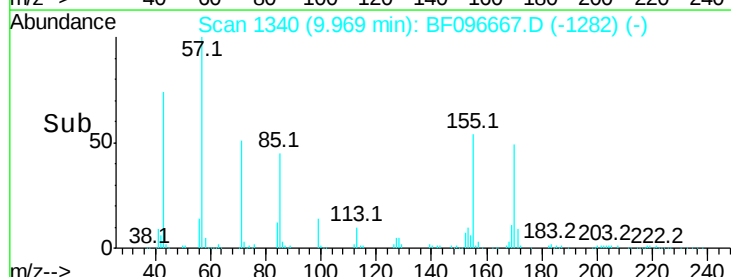


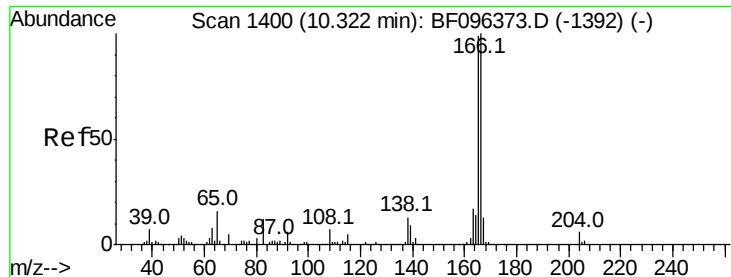
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 8.356 ng

RT: 10.30 min Scan# 1397

Delta R.T. 0.02 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

Instrument :

BNA_F

ClientSampleId :

E2-P6-WSW

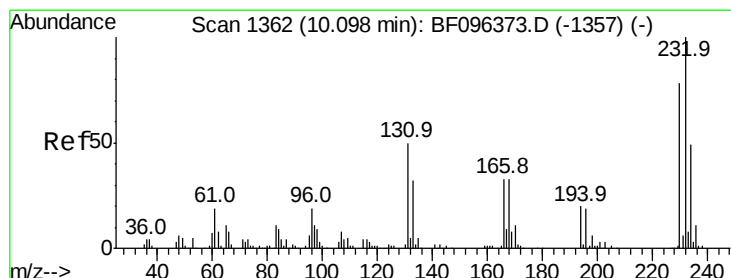
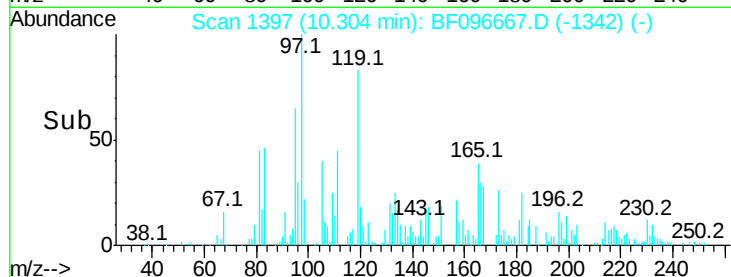
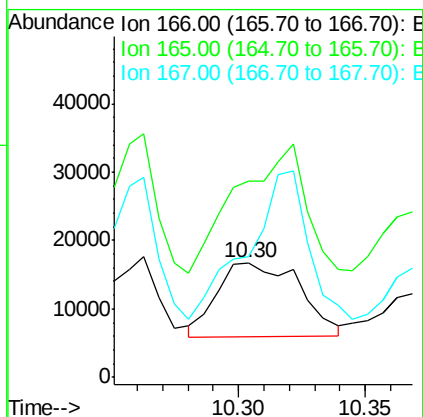
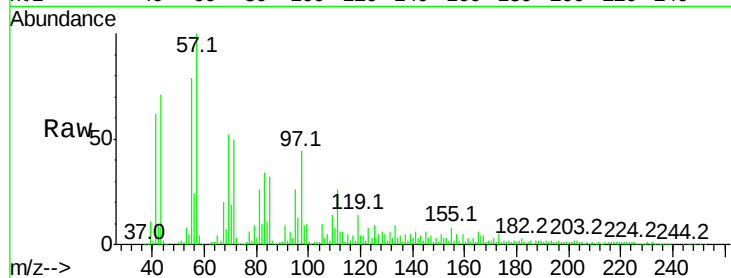
Tot Ion:166 Resp: 24415

Ion Ratio Lower Upper

166 100

165 171.8 78.8 118.2#

167 105.2 10.6 16.0#



#58

2,3,4,6-Tetrachlorophenol

Concen: 2.555 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.05 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

Tgt Ion:232 Resp: 1804

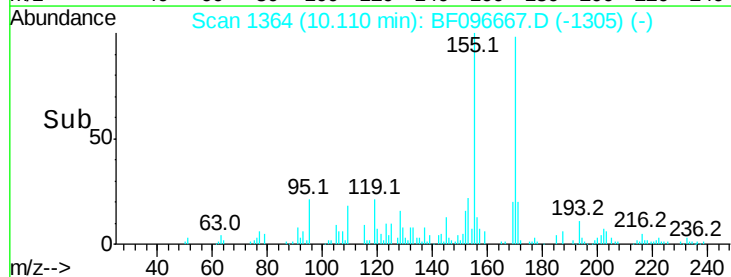
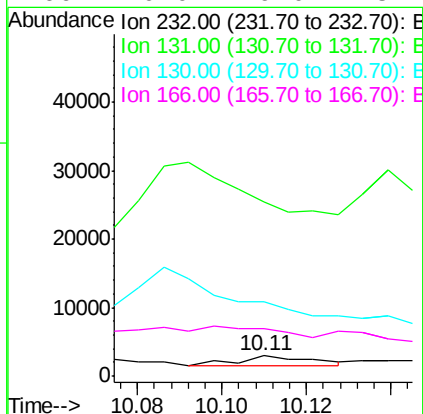
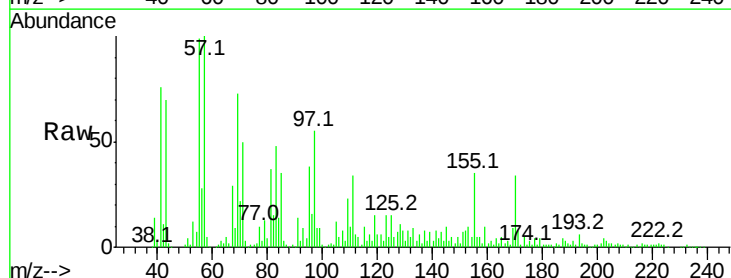
Ion Ratio Lower Upper

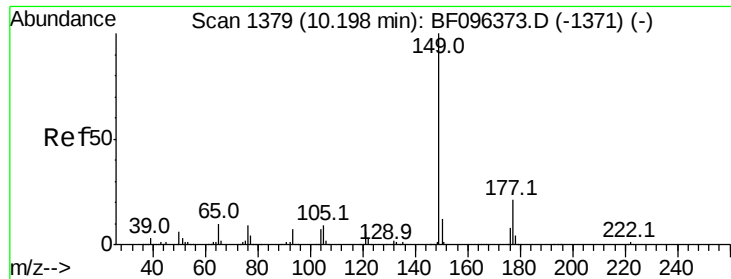
232 100

131 0.0 44.8 67.2#

130 0.0 2.3 3.5#

166 0.0 29.0 43.4#





#59

Diethylphthalate

Concen: 2.402 ng

RT: 10.17 min Scan# 1375

Delta R.T. 0.01 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

Instrument :

BNA_F

ClientSampleId :

E2-P6-WSW

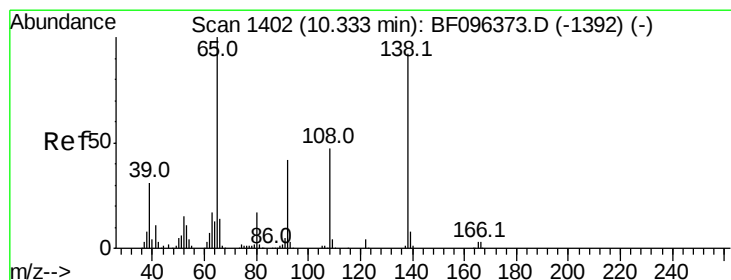
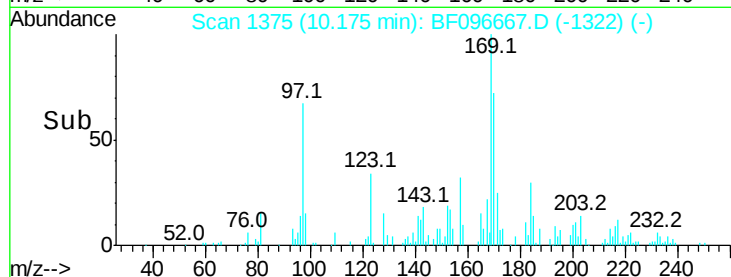
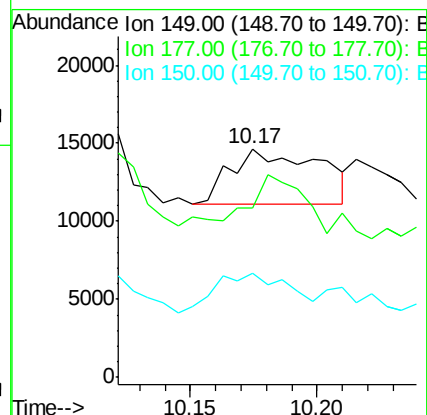
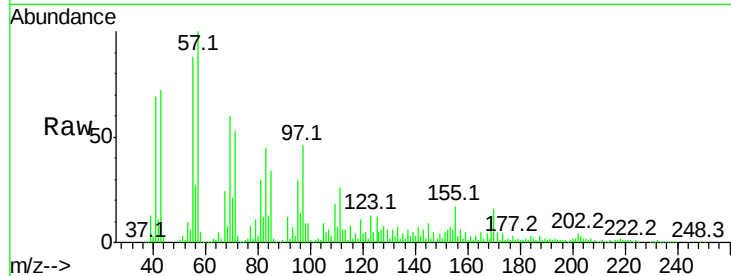
Tot Ion:149 Resp: 8514

Ion Ratio Lower Upper

149 100

177 74.1 16.7 25.1#

150 45.5 10.2 15.2#



#61

4-Nitroaniline

Concen: 2.944 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.06 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

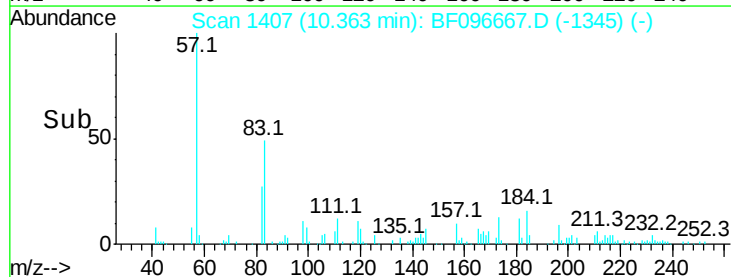
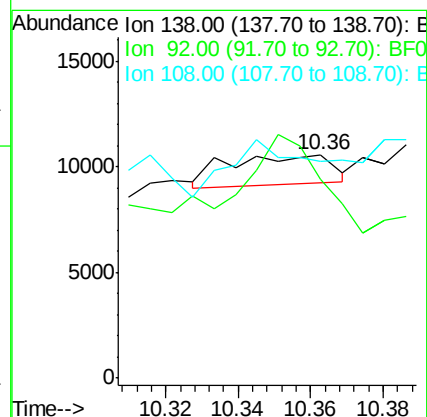
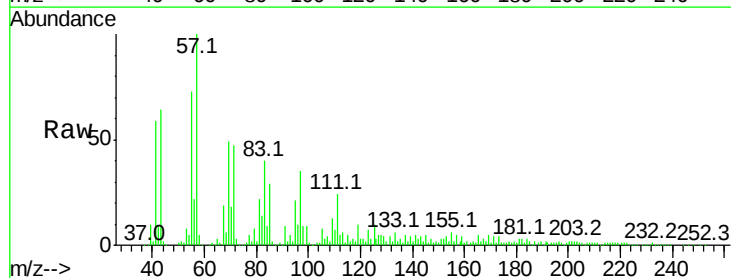
Tgt Ion:138 Resp: 2769

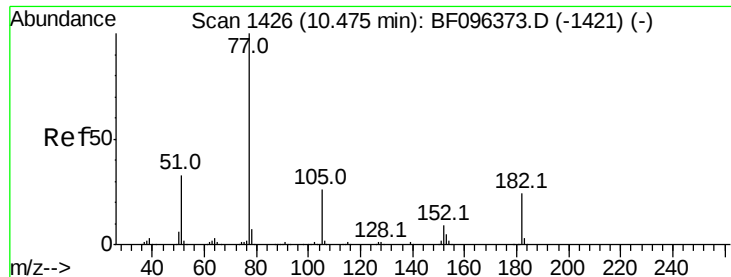
Ion Ratio Lower Upper

138 100

92 88.8 21.8 61.8#

108 97.1 42.3 82.3#





#62

Azobenzene

Concen: 5.213 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.02 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

Instrument :

BNA_F

ClientSampleId :

E2-P6-WSW

Tot Ion: 77 Resp: 17871

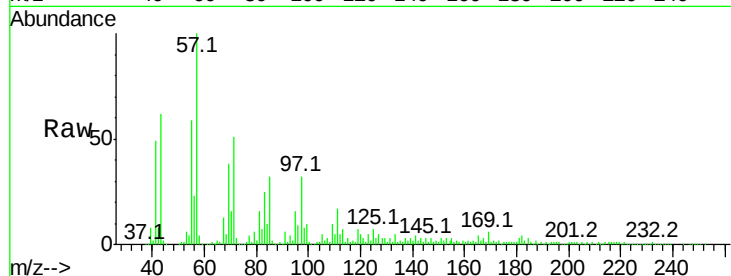
Ion Ratio Lower Upper

77 100

182 91.2 0.1 40.1#

105 121.4 3.6 43.6#

51 33.3 9.4 49.4

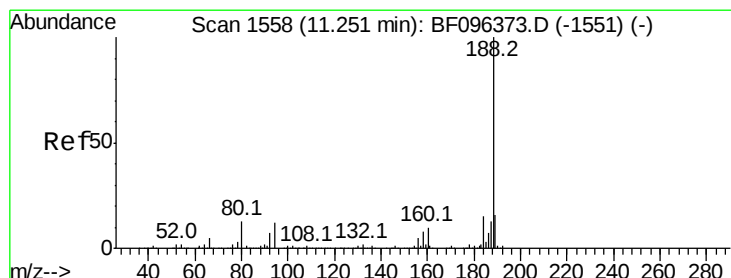
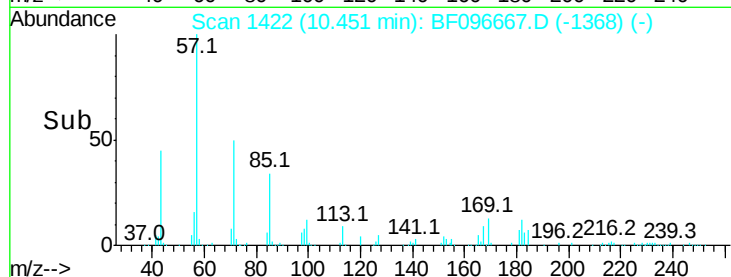
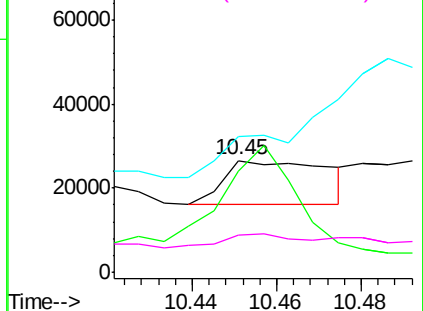


Abundance Ion 77.00 (76.70 to 77.70): BF0

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): BF0



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1554

Delta R.T. 0.02 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

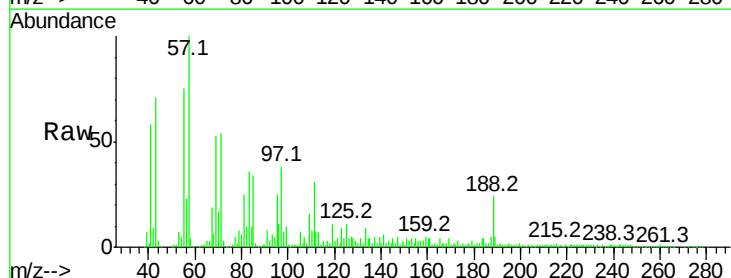
Tgt Ion: 188 Resp: 112260

Ion Ratio Lower Upper

188 100

94 22.3 9.4 14.2#

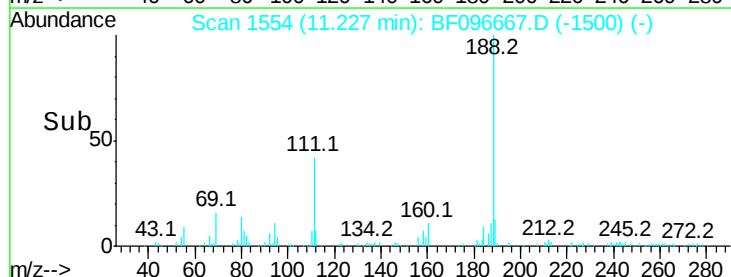
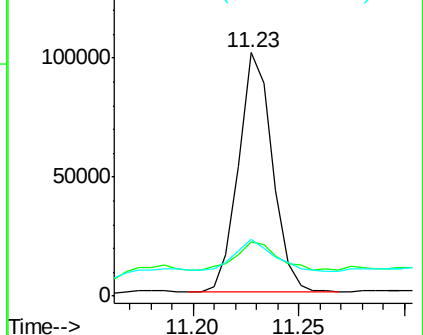
80 23.4 10.2 15.2#

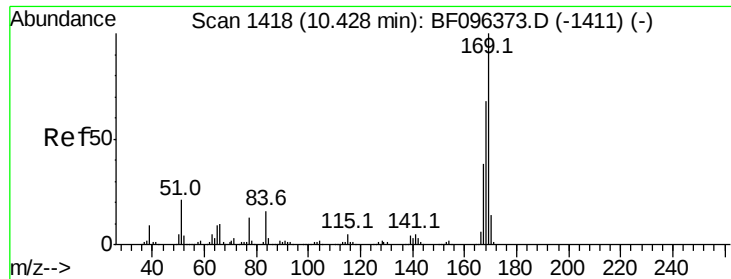


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#65

n-Nitrosodiphenylamine

Concen: 26.216 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.02 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

Instrument :

BNA_F

ClientSampleId :

E2-P6-WSW

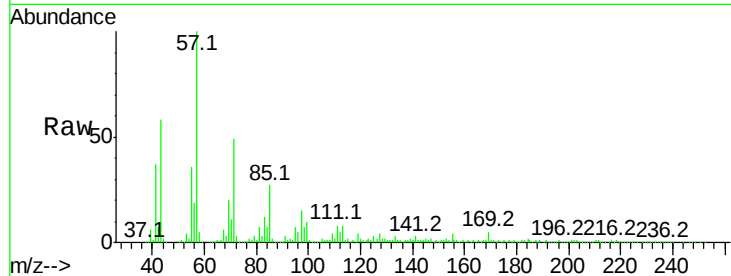
Tot Ion:169 Resp: 103261

Ion Ratio Lower Upper

169 100

168 19.0 53.2 79.8#

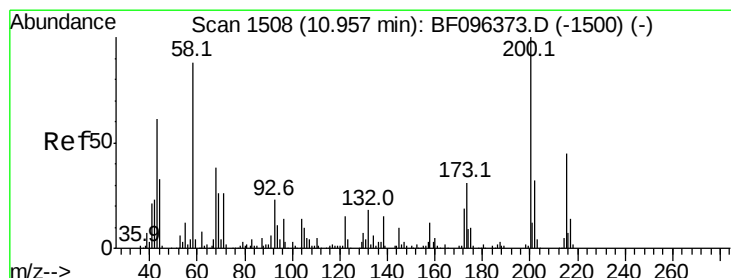
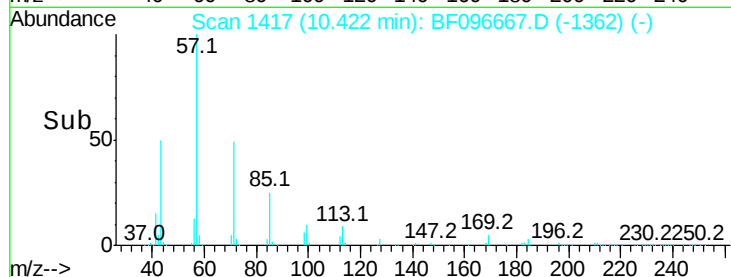
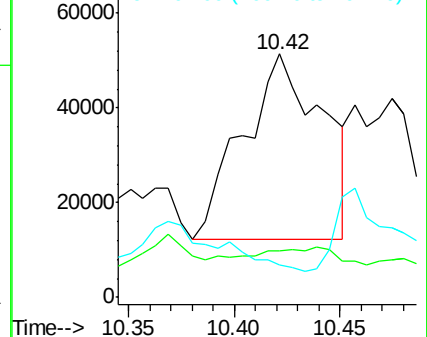
167 13.6 29.5 44.3#



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



#68

Atrazine

Concen: 3.056 ng

RT: 10.94 min Scan# 1505

Delta R.T. 0.02 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

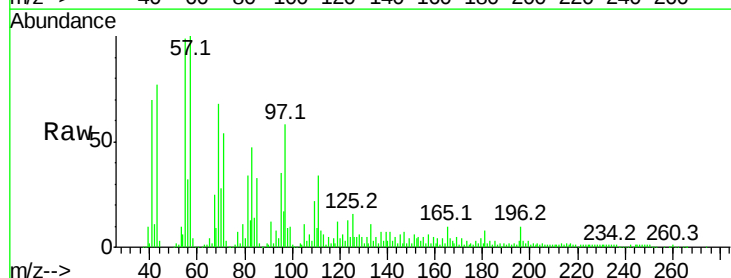
Tgt Ion:200 Resp: 3439

Ion Ratio Lower Upper

200 100

173 294.1 6.3 46.3#

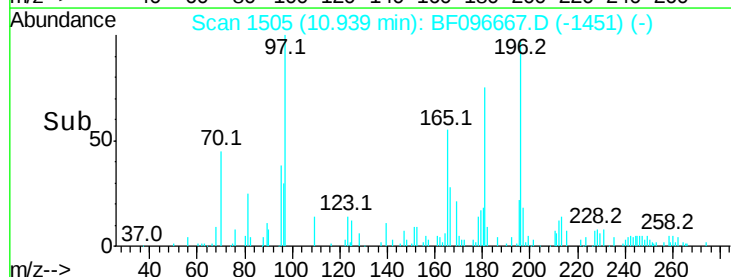
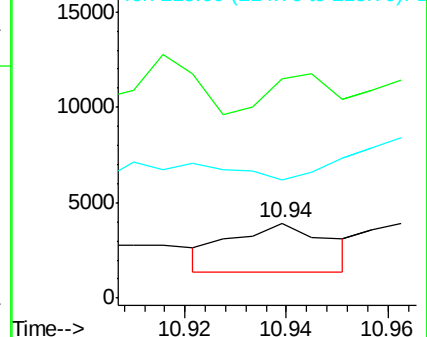
215 158.7 27.2 67.2#

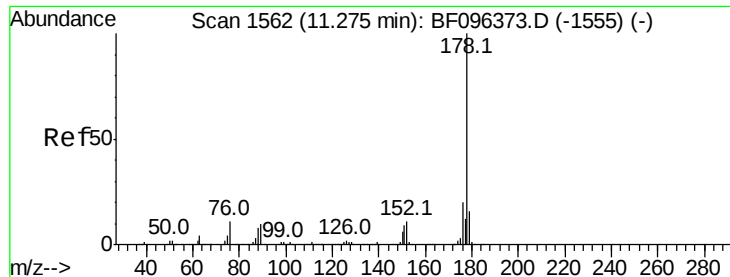


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Phenanthrene

Concen: 9.140 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

Instrument :

BNA_F

ClientSampleId :

E2-P6-WSW

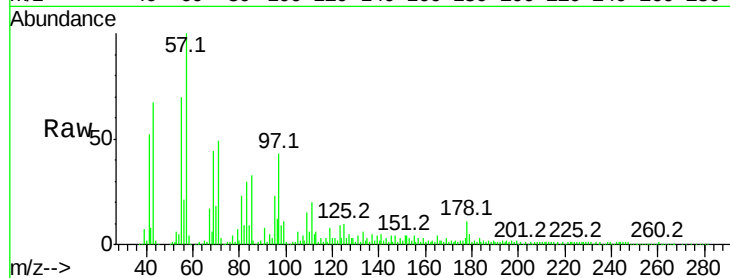
Tot Ion:178 Resp: 55466

Ion Ratio Lower Upper

178 100

176 22.8 16.2 24.4

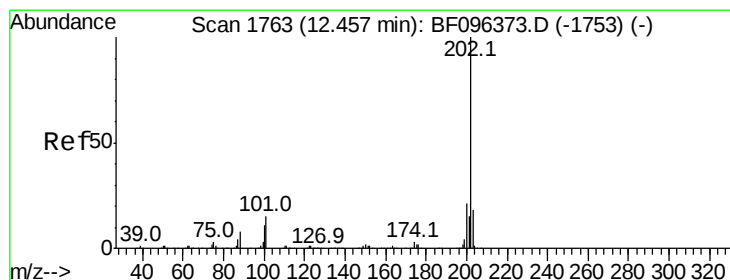
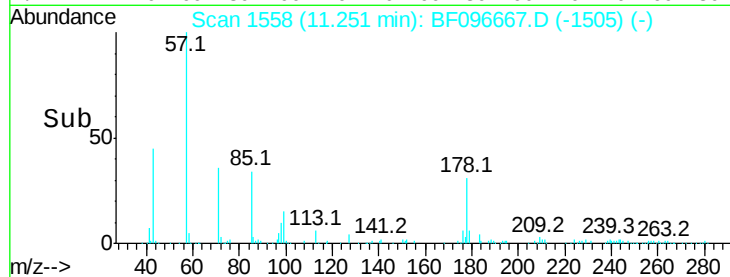
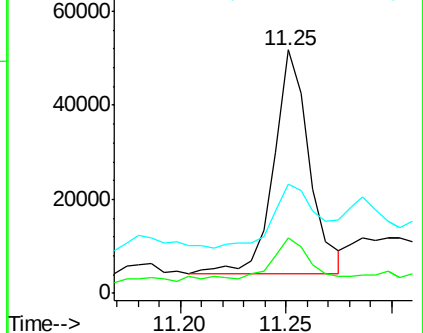
179 44.8 12.6 19.0#



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



#74

Fluoranthene

Concen: 5.468 ng

RT: 12.44 min Scan# 1760

Delta R.T. 0.02 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

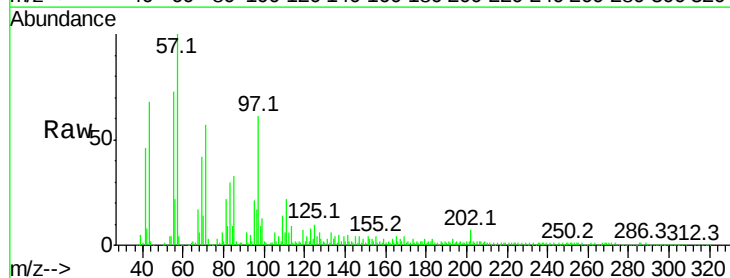
Tgt Ion:202 Resp: 32533

Ion Ratio Lower Upper

202 100

101 16.6 0.0 33.2

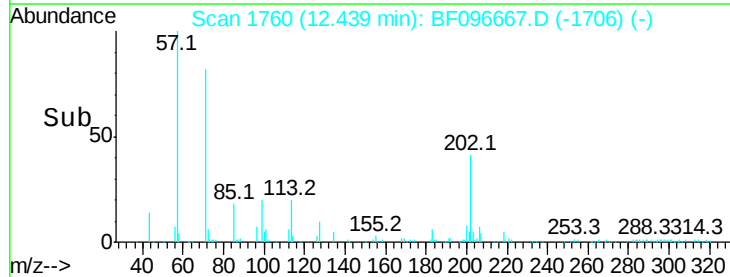
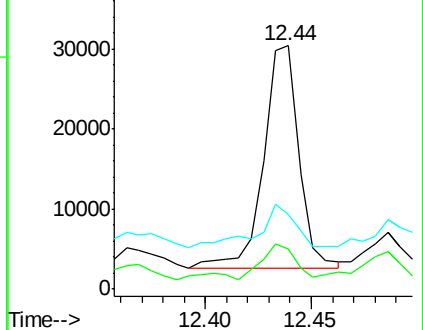
203 30.8 0.0 38.1

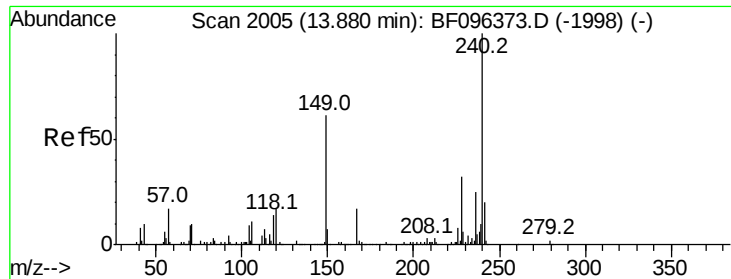


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

Instrument :

BNA_F

ClientSampleId :

E2-P6-WSW

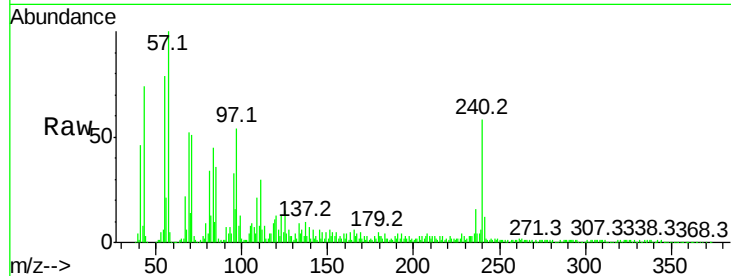
Tot Ion:240 Resp: 139208

Ion Ratio Lower Upper

240 100

120 21.9 5.8 8.8#

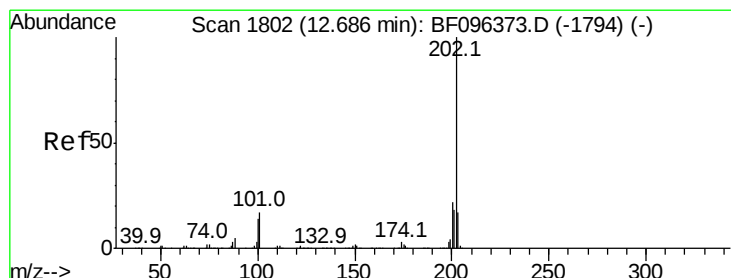
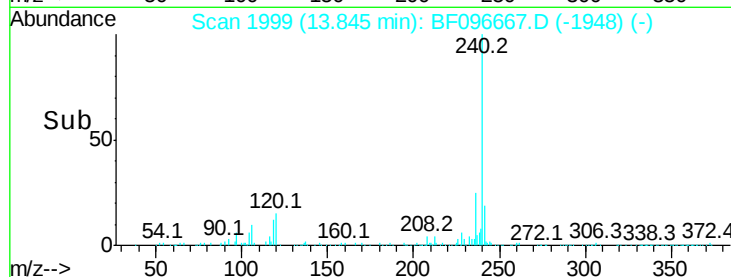
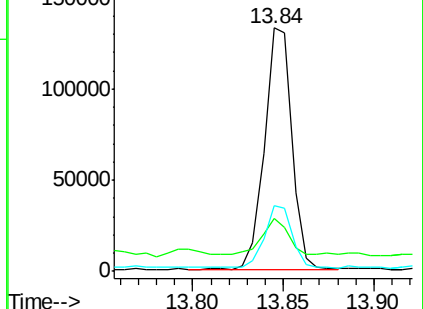
236 27.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 3.148 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

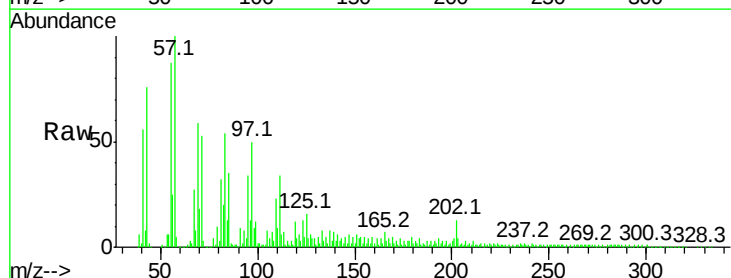
Tgt Ion:202 Resp: 35171

Ion Ratio Lower Upper

202 100

200 24.9 17.6 26.4

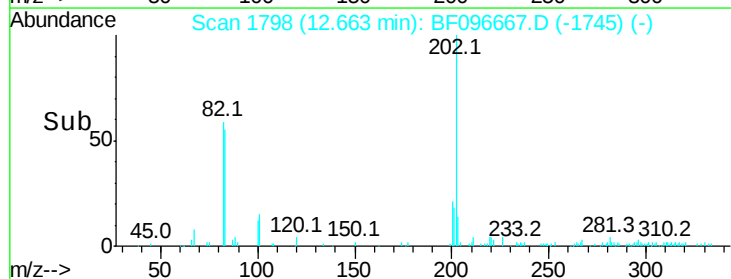
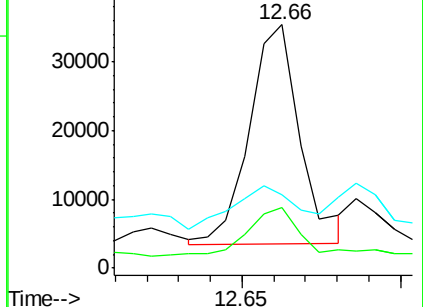
203 30.0 14.4 21.6#

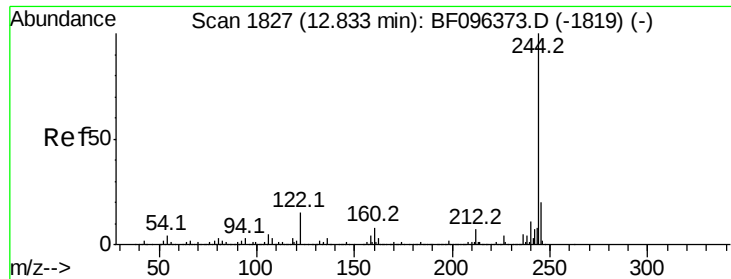


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 48.653 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.01 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

Instrument :

BNA_F

ClientSampleId :

E2-P6-WSW

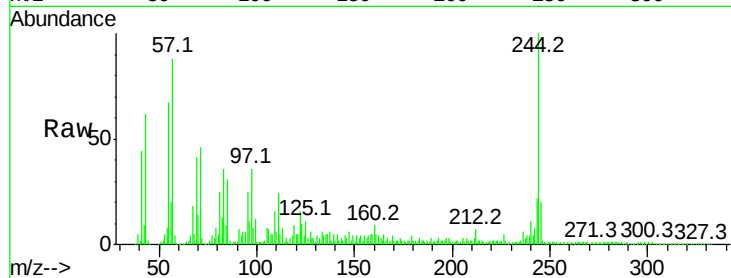
Tot Ion:244 Resp: 316961

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 16.2 10.3 15.5#

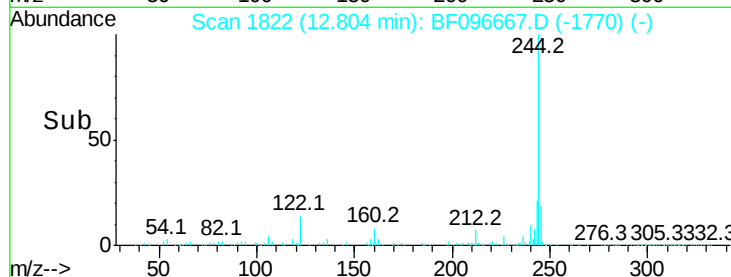


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



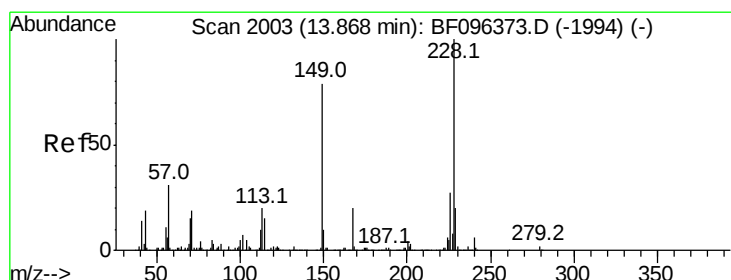
Abundance

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

Time-->



#80

Benzo(a)anthracene

Concen: 2.155 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

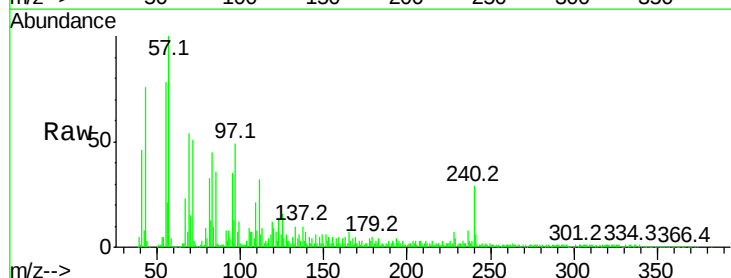
Tgt Ion:228 Resp: 17373

Ion Ratio Lower Upper

228 100

226 40.5 22.6 33.8#

229 52.0 16.3 24.5#

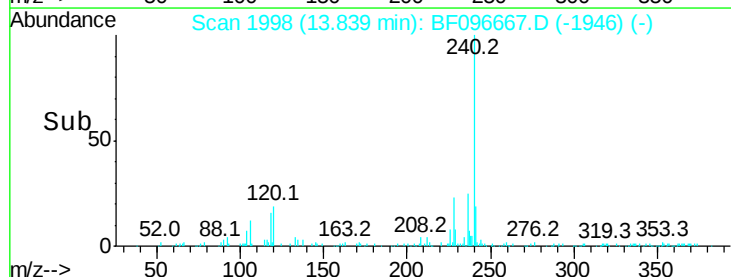


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



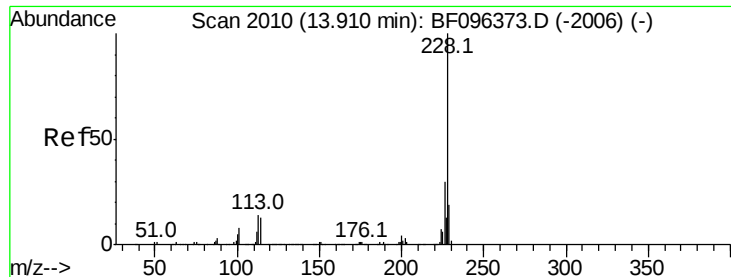
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



#82

Chrysene

Concen: 2.482 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

Instrument :

BNA_F

ClientSampleId :

E2-P6-WSW

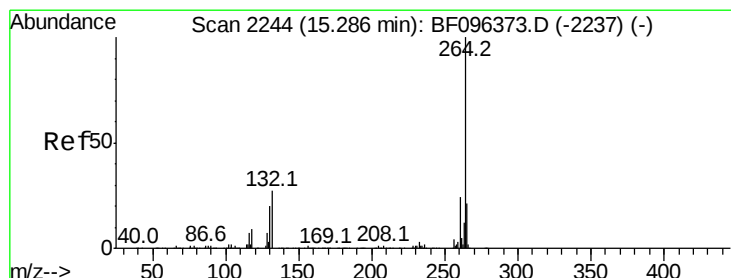
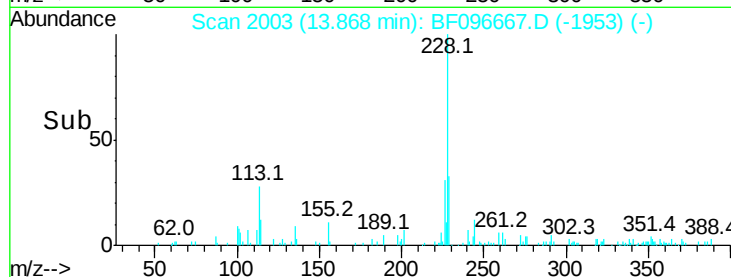
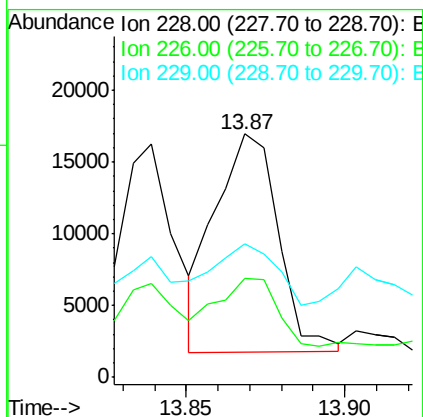
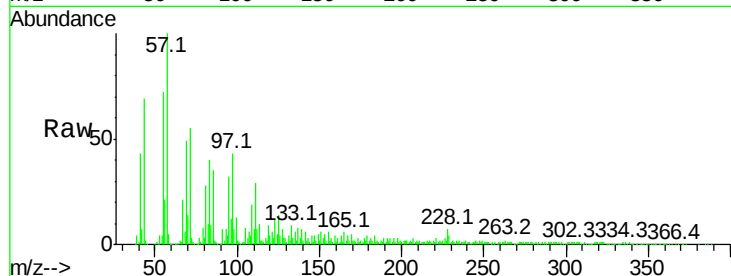
Tot Ion:228 Resp: 20955

Ion Ratio Lower Upper

228 100

226 40.8 24.9 37.3#

229 54.9 15.8 23.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2237

Delta R.T. -0.00 min

Lab File: BF096667.D

Acq: 12 Jul 2017 2:50

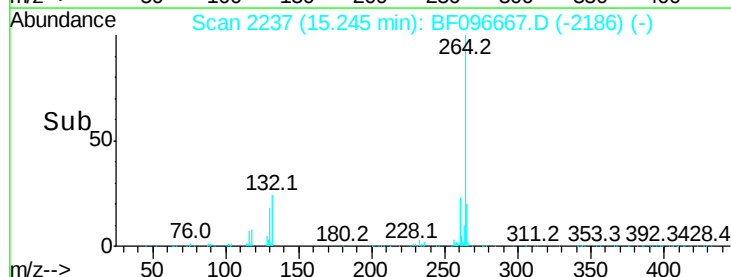
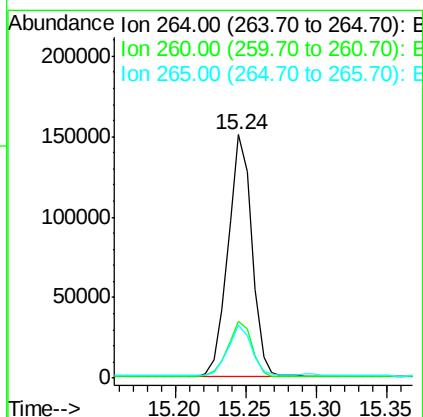
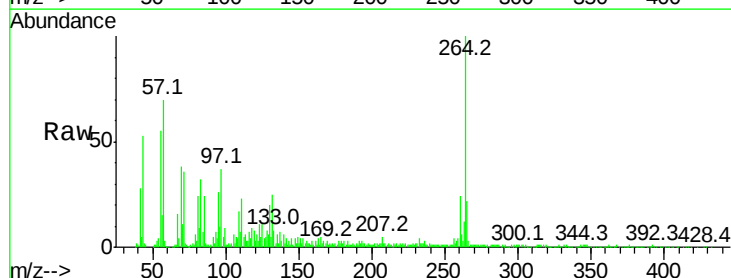
Tgt Ion:264 Resp: 177724

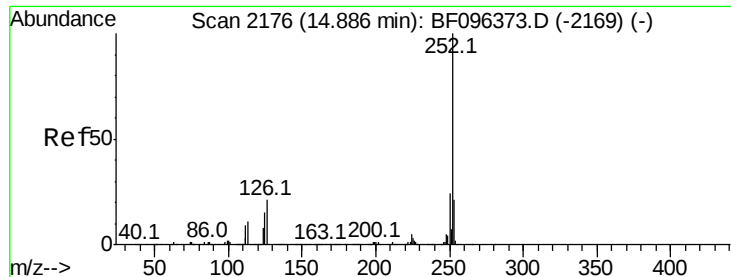
Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 21.5 17.2 25.8

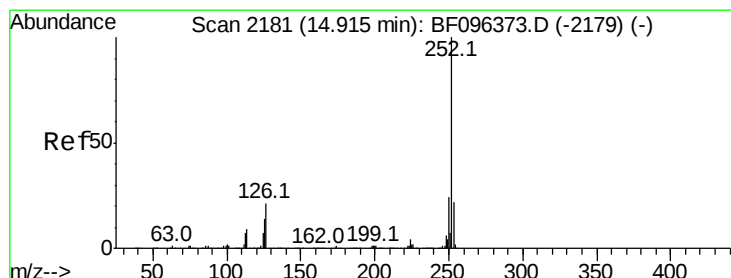
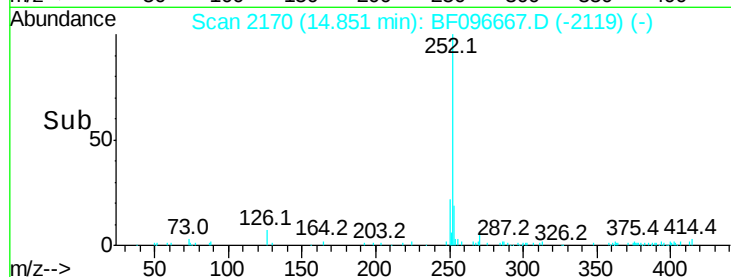
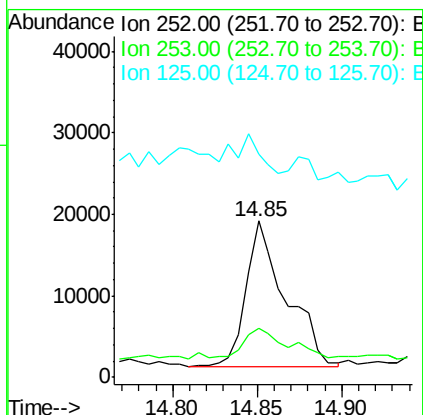
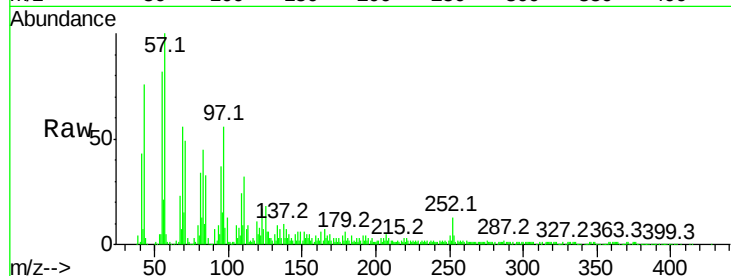




#87
Benzo(b)fluoranthene
Concen: 2.611 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BF096667.D
Acq: 12 Jul 2017 2:50

Instrument :
BNA_F
ClientSampleId :
E2-P6-WSW

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.1	18.1	27.1#
125	142.8	9.8	14.8#



#88
Benzo(k)fluoranthene
Concen: 2.919 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF096667.D
Acq: 12 Jul 2017 2:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.1	18.4	27.6#
125	142.8	13.1	19.7#

