

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
 Data File : BF096671.D
 Acq On : 12 Jul 2017 4:41
 Operator : SJ/JU
 Sample : I4130-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS1-NSW

Quant Time: Jul 12 05:09:56 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	83396	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	204343	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	106669	20.00	ng	0.01
63) Phenanthrene-d10	11.20	188	302390	20.00	ng	0.00
75) Chrysene-d12	13.83	240	214003	20.00	ng	-0.02
86) Perylene-d12	15.23	264	193935	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	757504	134.07	ng	0.00
7) Phenol-d6	6.33	99	784142	112.89	ng	-0.01
23) Nitrobenzene-d5	7.26	82	323722	95.20	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	127828	153.42	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	513054	82.24	ng	0.01
78) Terphenyl-d14	12.78	244	544280	54.35	ng	-0.02

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	3.05	42	34331	9.462	ng	# 1
9) Benzaldehyde	6.26	77	41779	9.611	ng	# 39
10) Phenol	6.35	94	24975	3.156	ng	# 70
11) bis(2-Chloroethyl)ether	6.39	93	13690	2.239	ng	# 1
15) Benzyl Alcohol	6.87	79	11567	2.491	ng	# 55
18) Hexachloroethane	7.25	117	166464	72.714	ng	# 1
19) n-Nitroso-di-n-propylamine	7.15	70	127742	30.869	ng	# 73
22) Acetophenone	7.11	105	9757	2.185	ng	# 1
24) Nitrobenzene	7.26	77	85736	24.033	ng	# 59
25) Isophorone	7.54	82	303563	46.041	ng	# 1
26) 2-Nitrophenol	7.65	139	19072	10.101	ng	# 1
27) 2,4-Dimethylphenol	7.67	122	20634	6.418	ng	# 1
28) bis(2-Chloroethoxy)methane	7.76	93	12019	2.761	ng	# 1
29) 2,4-Dichlorophenol	7.85	162	26170	9.434	ng	# 1
31) Naphthalene	8.02	128	122496	12.698	ng	# 16
32) Benzoic acid	7.80	122	34911	12.929	ng	# 34
33) 4-Chloroaniline	8.05	127	17298	4.317	ng	# 1
35) Caprolactam	8.46	113	210958	220.541	ng	# 1
36) 4-Chloro-3-methylphenol	8.54	107	18271	5.953	ng	# 22
37) 2-Methylnaphthalene	8.72	142	33414	5.441	ng	# 35
42) 2,4,6-Trichlorophenol	9.00	196	12844	5.862	ng	# 13
43) 2,4,5-Trichlorophenol	9.00	196	12844	5.929	ng	# 1
45) 1,1'-Biphenyl	8.93	154	28716	3.142	ng	# 91
47) 2-Nitroaniline	9.30	65	8100	3.268	ng	# 10
48) Acenaphthylene	9.61	152	33871	3.138	ng	# 1
49) Dimethylphthalate	9.46	163	132245	16.608	ng	# 92
50) 2,6-Dinitrotoluene	9.53	165	21357	12.129	ng	# 34
51) Acenaphthene	9.78	154	13398	2.014	ng	# 31
52) 3-Nitroaniline	9.71	138	6908	3.145	ng	# 33
54) Dibenzofuran	9.95	168	42680	4.859	ng	# 16
55) 4-Nitrophenol	9.85	139	16135	8.863	ng	# 1
56) 2,4-Dinitrotoluene	9.95	165	12183	5.463	ng	# 47
57) Fluorene	10.29	166	65616	10.578	ng	# 85
61) 4-Nitroaniline	10.21	138	5919	2.964	ng	# 91

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QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

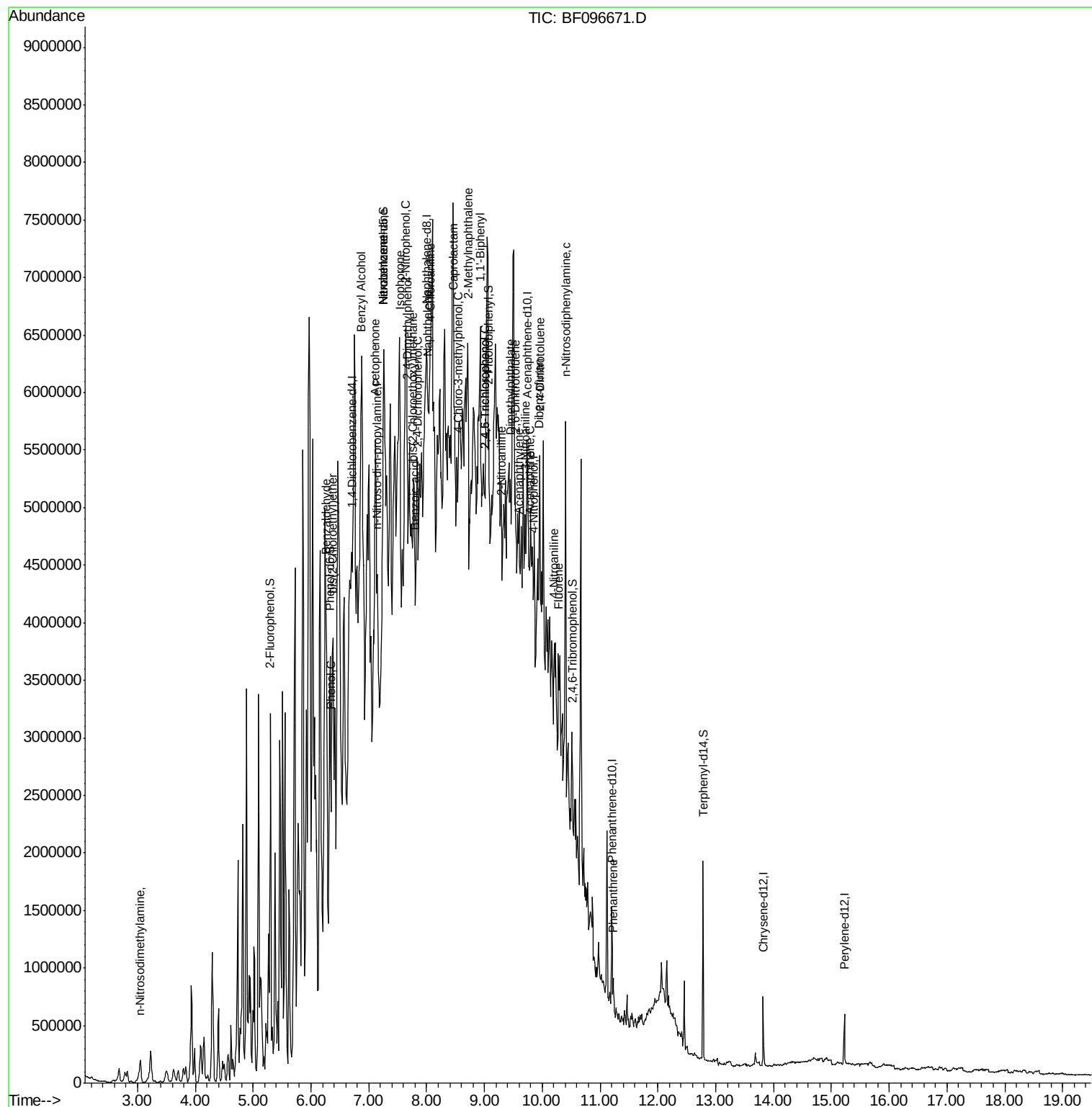
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) n-Nitrosodiphenylamine	10.40	169	81219	7.655	ng	# 43
70) Phenanthrene	11.23	178	33244	2.034	ng	# 95

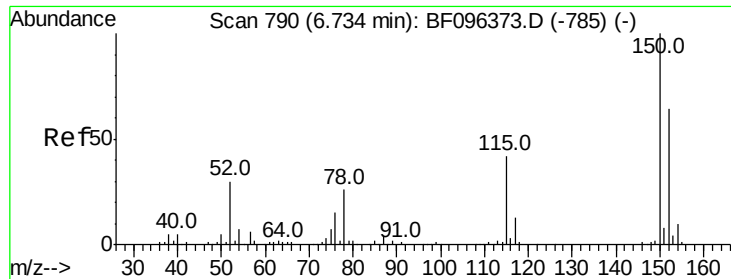
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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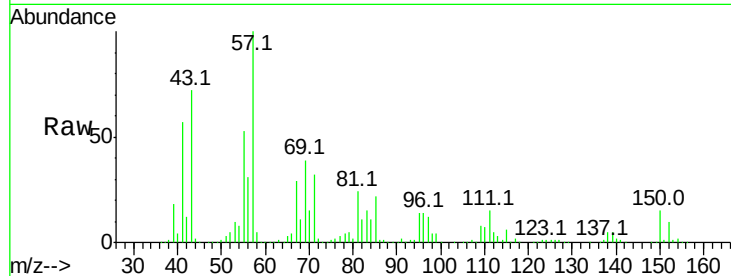


#1

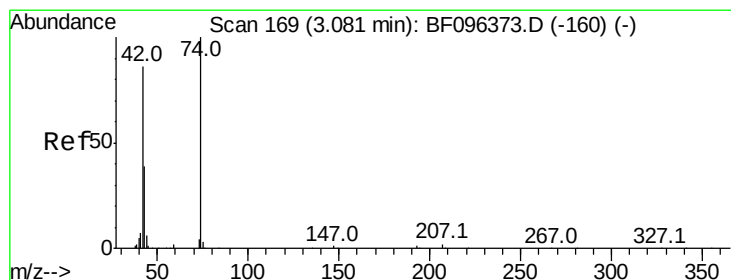
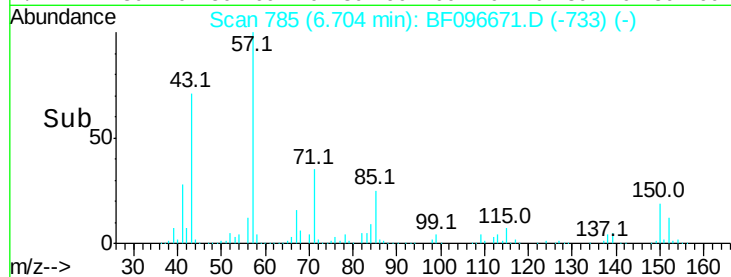
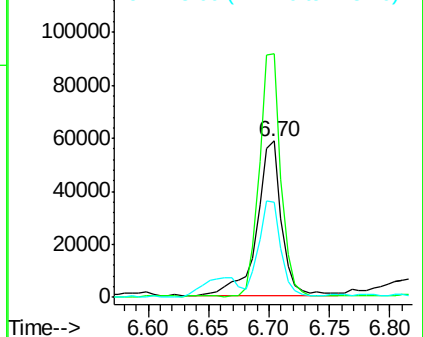
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.01 min
Lab File: BF096671.D
Acq: 12 Jul 2017 4:41

Instrument :
BNA_F
ClientSampleId :
E2-HS1-NSW

Tot Ion:152 Resp: 83396
Ion Ratio Lower Upper
152 100
150 156.0 126.2 189.2
115 61.3 52.2 78.2



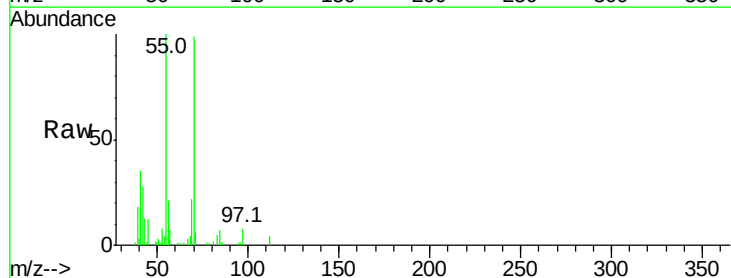
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



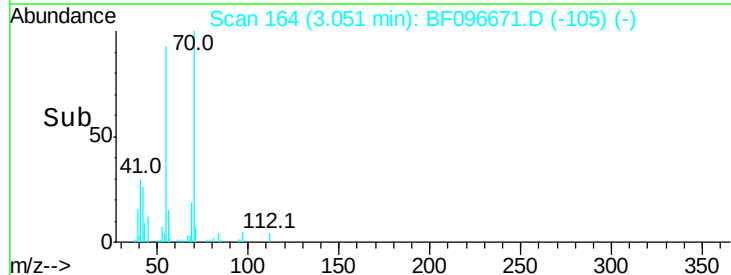
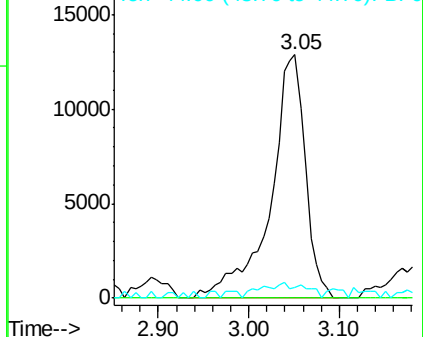
#4

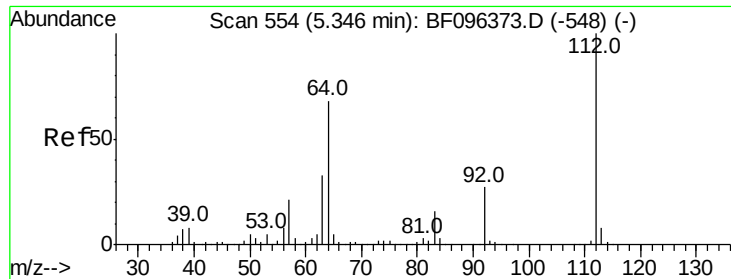
n-Nitrosodimethylamine
Concen: 9.462 ng
RT: 3.05 min Scan# 164
Delta R.T. 0.05 min
Lab File: BF096671.D
Acq: 12 Jul 2017 4:41

Tgt Ion: 42 Resp: 34331
Ion Ratio Lower Upper
42 100
74 0.0 103.9 155.9#
44 4.5 5.7 8.5#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0

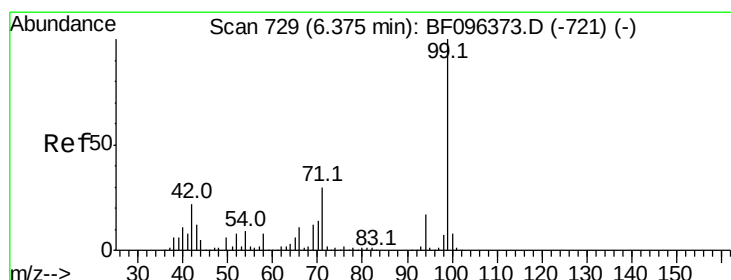
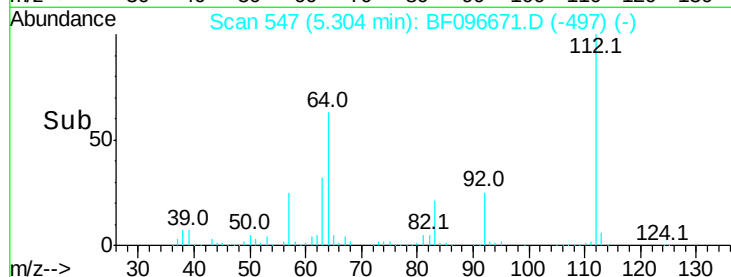
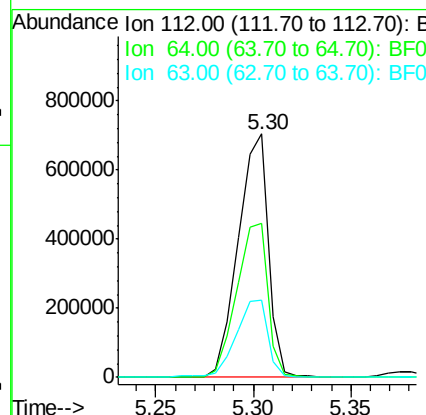
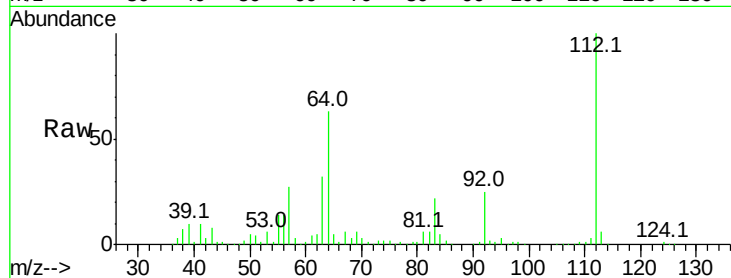




#5
 2-Fluorophenol
 Concen: 134.066 ng
 RT: 5.30 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: BF096671.D
 Acq: 12 Jul 2017 4:41

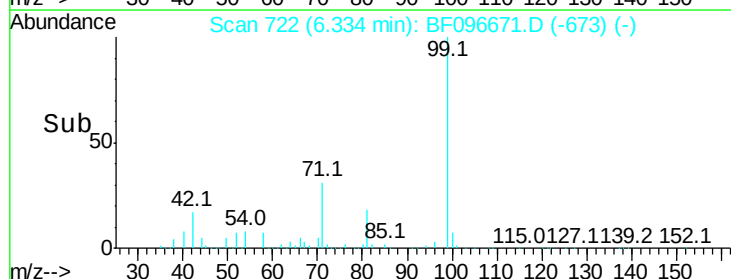
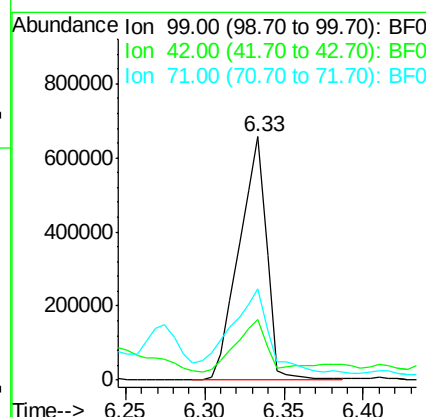
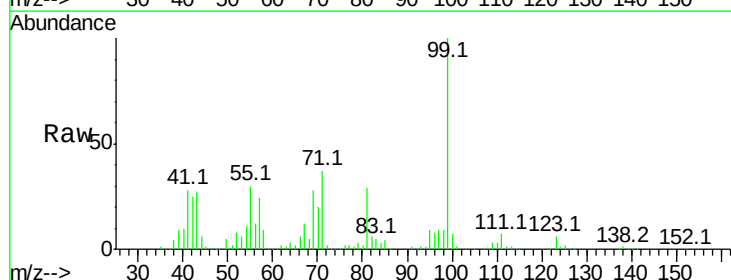
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS1-NSW

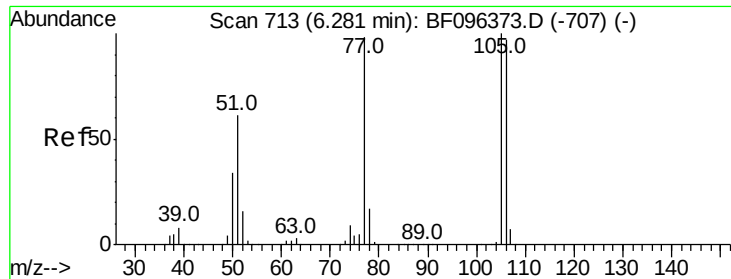
Tot Ion:	112	Resp:	757504
Ion	Ratio	Lower	Upper
112	100		
64	63.3	46.0	69.0
63	31.9	23.4	35.0



#7
 Phenol-d6
 Concen: 112.887 ng
 RT: 6.33 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF096671.D
 Acq: 12 Jul 2017 4:41

Tgt Ion:	99	Resp:	784142
Ion	Ratio	Lower	Upper
99	100		
42	25.0	13.5	20.3#
71	37.4	24.5	36.7#





#9

Benzaldehyde

Concen: 9.611 ng

RT: 6.26 min Scan# 710

Delta R.T. 0.02 min

Lab File: BF096671.D

Acq: 12 Jul 2017 4:41

Instrument :

BNA_F

ClientSampleId :

E2-HS1-NSW

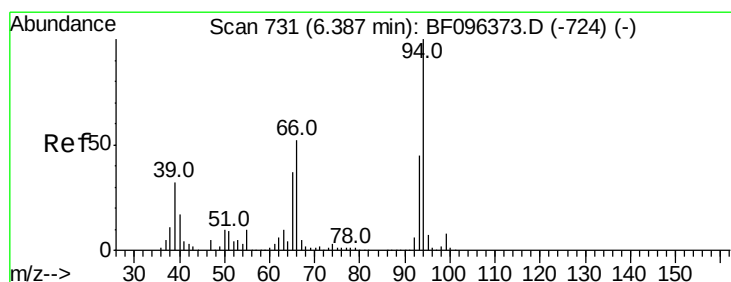
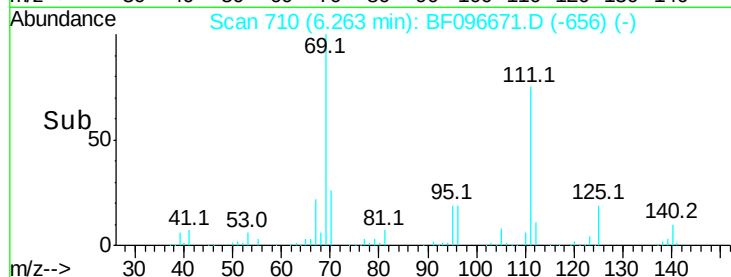
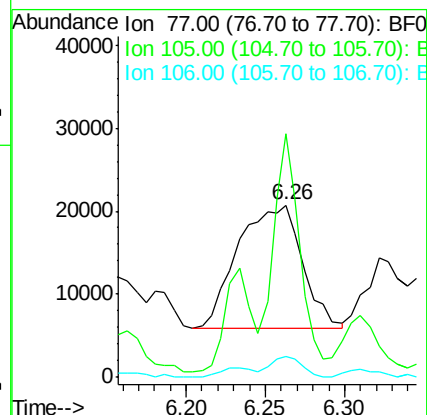
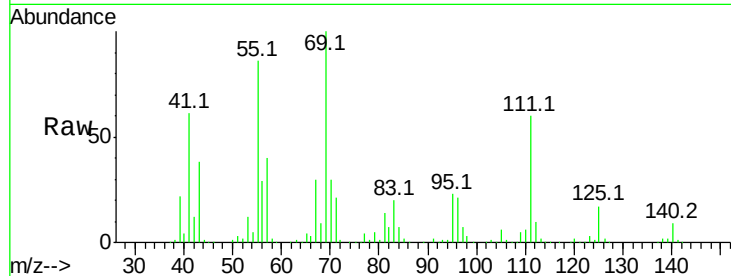
Tot Ion: 77 Resp: 41779

Ion Ratio Lower Upper

77 100

105 141.5 83.8 123.8#

106 12.5 79.1 119.1#



#10

Phenol

Concen: 3.156 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096671.D

Acq: 12 Jul 2017 4:41

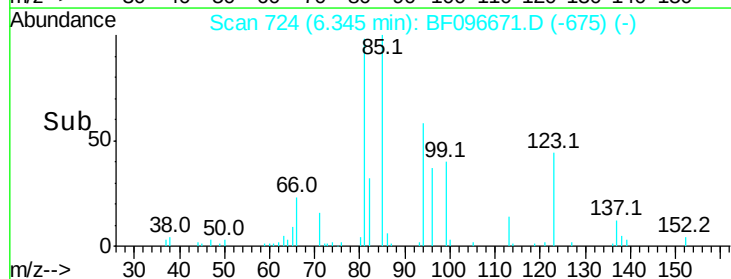
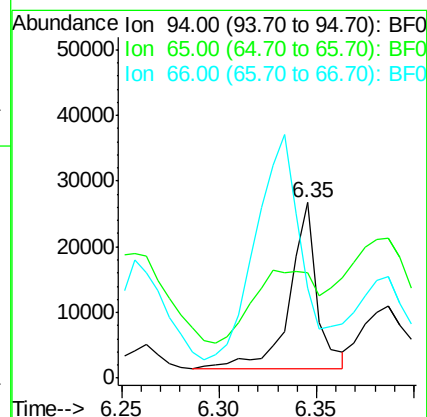
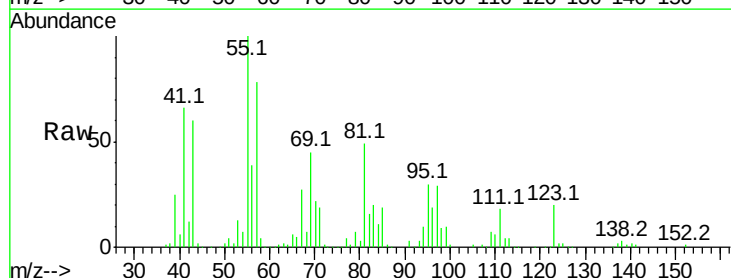
Tgt Ion: 94 Resp: 24975

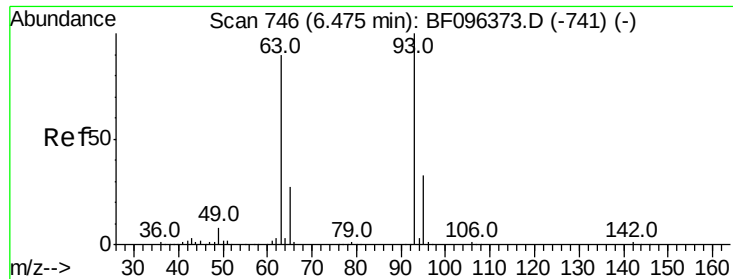
Ion Ratio Lower Upper

94 100

65 60.1 9.9 49.9#

66 50.9 23.1 63.1

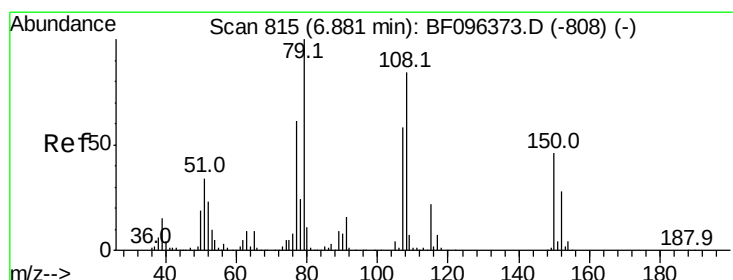
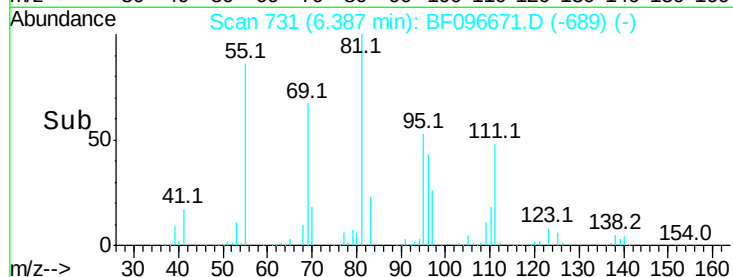
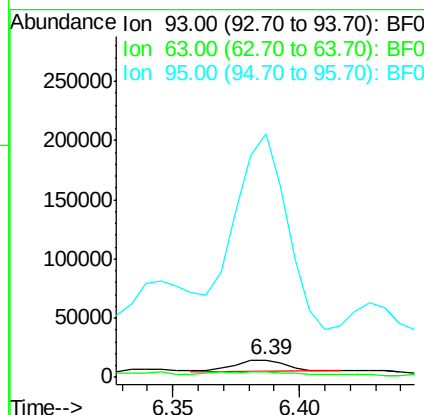
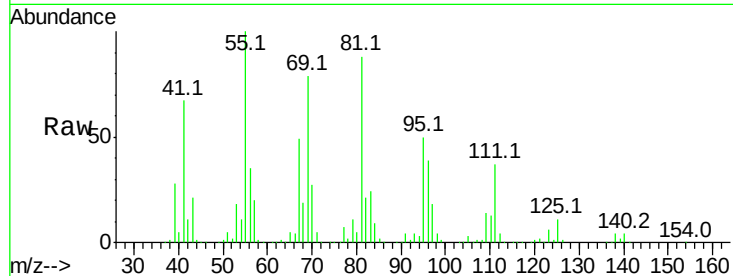




#11
bis(2-Chloroethyl)ether
Concen: 2.239 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.05 min
Lab File: BF096671.D
Acq: 12 Jul 2017 4:41

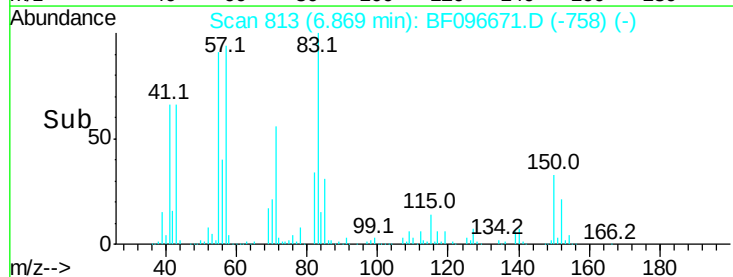
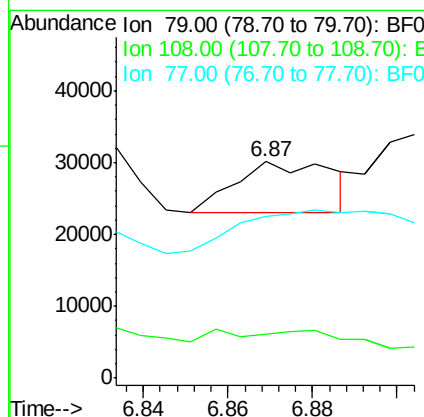
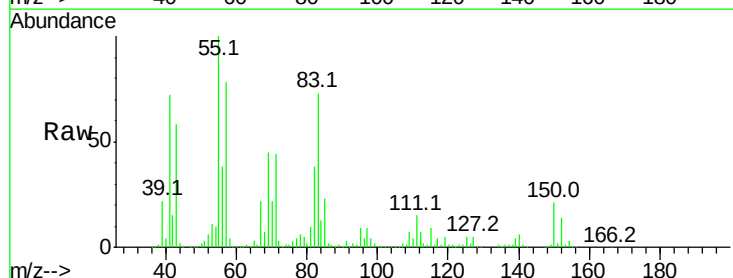
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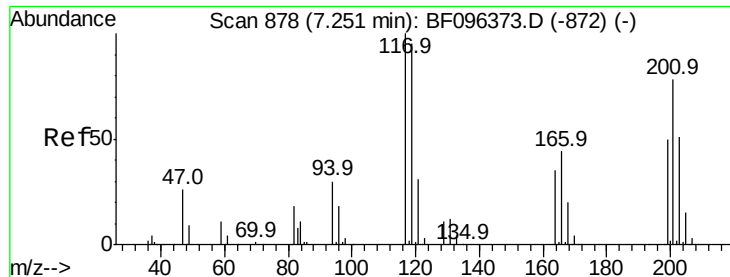
Tot Ion: 93 Resp: 13690
Ion Ratio Lower Upper
93 100
63 33.8 59.2 99.2#
95 1381.4 12.8 52.8#



#15
Benzyl Alcohol
Concen: 2.491 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.02 min
Lab File: BF096671.D
Acq: 12 Jul 2017 4:41

Tgt Ion: 79 Resp: 11567
Ion Ratio Lower Upper
79 100
108 20.5 63.4 95.0#
77 74.4 49.2 73.8#





#18

Hexachloroethane

Concen: 72.714 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.04 min

Lab File: BF096671.D

Acq: 12 Jul 2017 4:41

Instrument :

BNA_F

ClientSampleId :

E2-HS1-NSW

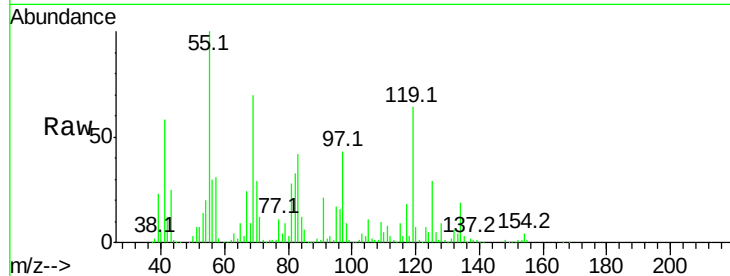
Tot Ion:117 Resp: 166464

Ion Ratio Lower Upper

117 100

119 357.9 77.4 116.0#

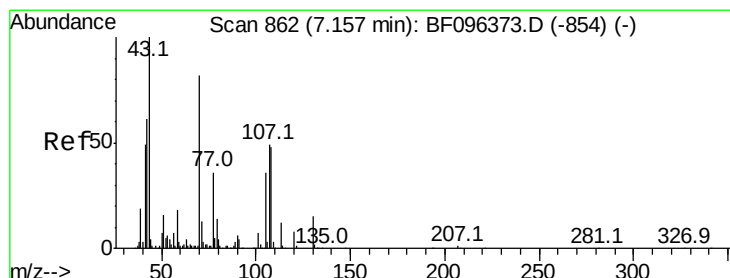
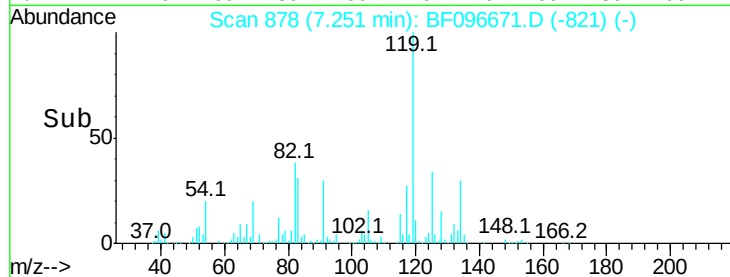
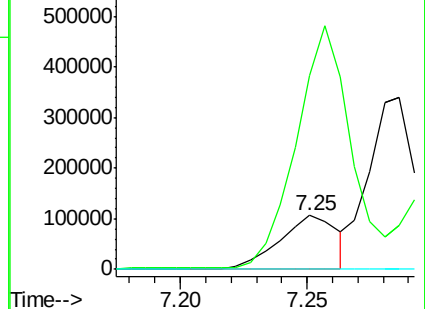
201 0.0 94.6 141.8#



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: 30.869 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.02 min

Lab File: BF096671.D

Acq: 12 Jul 2017 4:41

Tgt Ion: 70 Resp: 127742

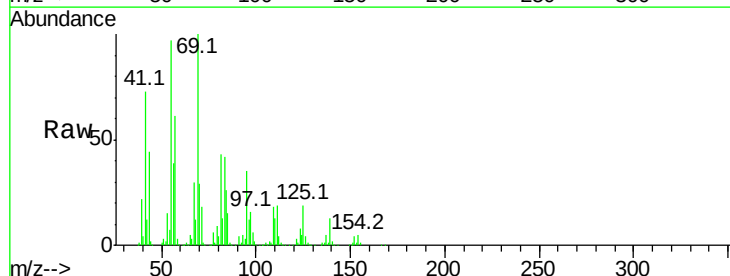
Ion Ratio Lower Upper

70 100

42 42.6 47.2 70.8#

101 0.0 7.2 10.8#

130 0.0 15.9 23.9#

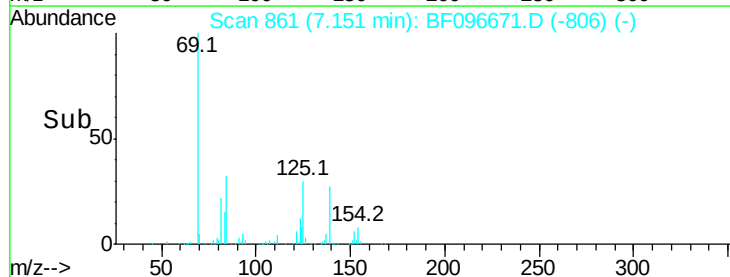
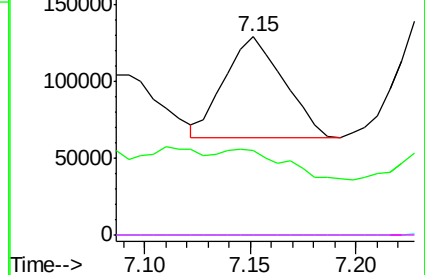


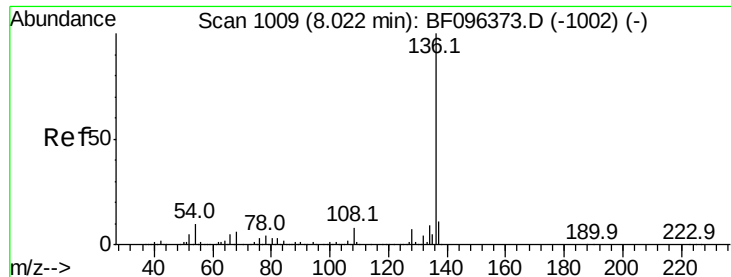
Abundance Ion 70.00 (69.70 to 70.70): BF0

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.01 min

Lab File: BF096671.D

Acq: 12 Jul 2017 4:41

Instrument :

BNA_F

ClientSampleId :

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Tot Ion:136 Resp: 204343

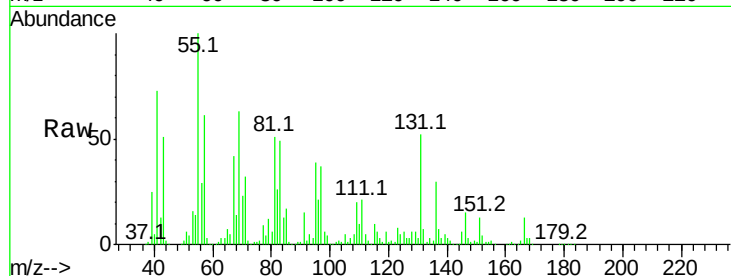
Ion Ratio Lower Upper

136 100

137 22.2 8.5 12.7#

54 46.0 4.9 7.3#

68 45.8 4.1 6.1#



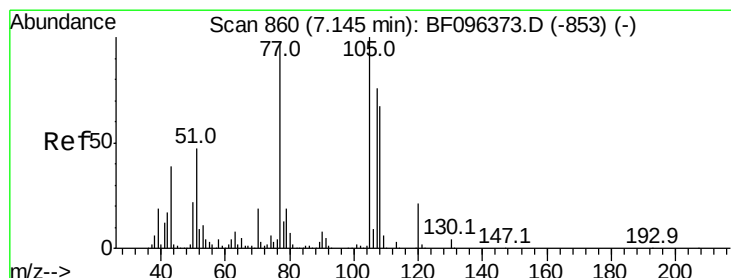
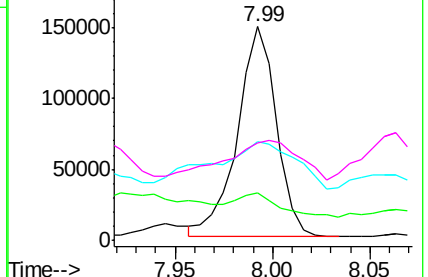
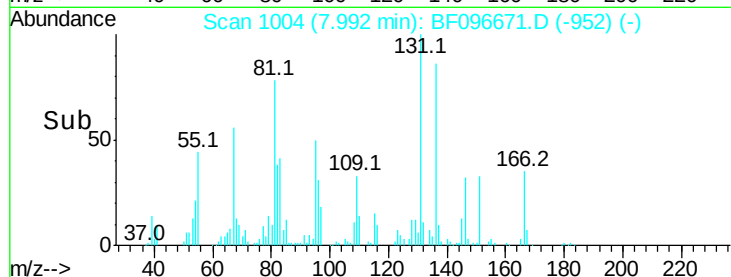
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Time-->



#22

Acetophenone

Concen: 2.185 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF096671.D

Acq: 12 Jul 2017 4:41

Tgt Ion:105 Resp: 9757

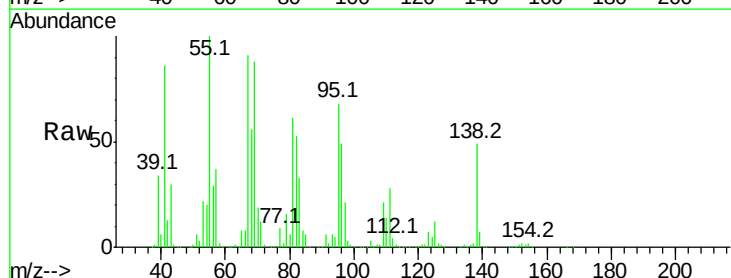
Ion Ratio Lower Upper

105 100

71 459.8 2.8 4.2#

51 215.5 30.7 46.1#

120 3.9 17.4 26.0#



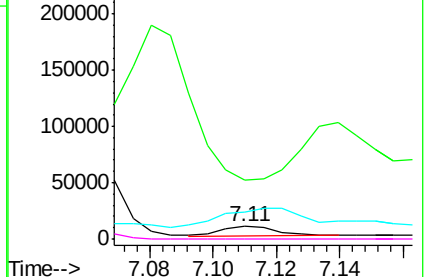
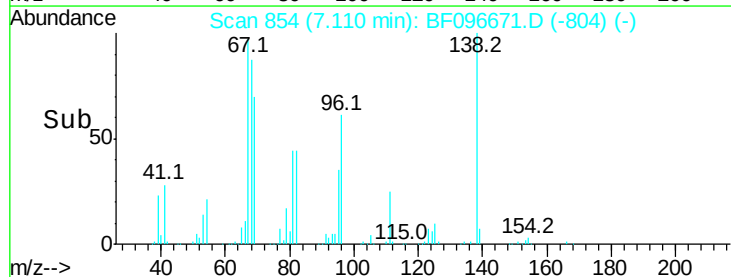
Abundance Ion 105.00 (104.70 to 105.70): E

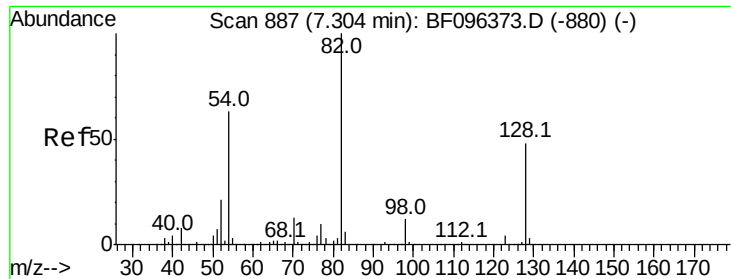
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->

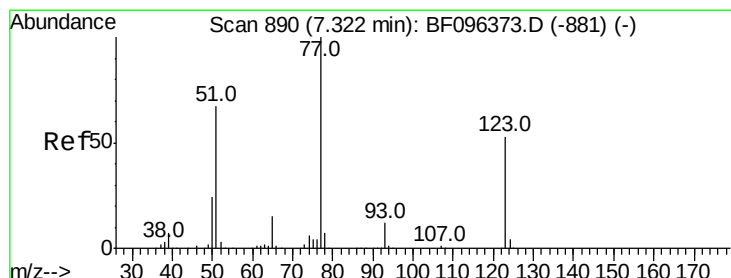
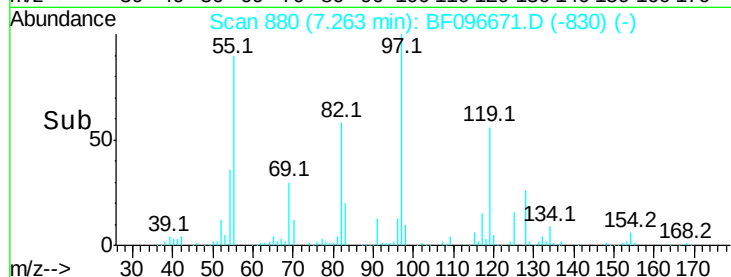
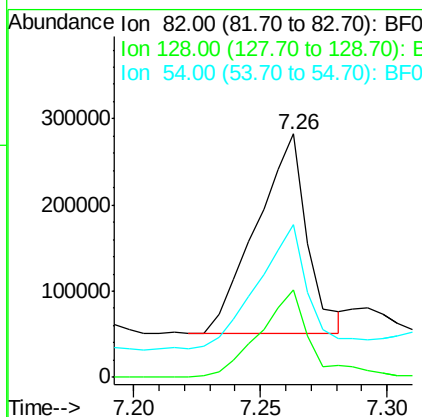
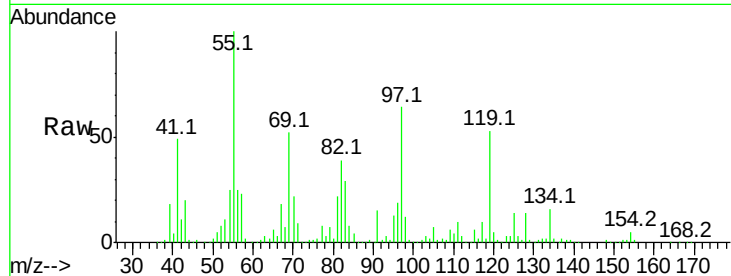




#23
Nitrobenzene-d5
Concen: 95.196 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF096671.D
Acq: 12 Jul 2017 4:41

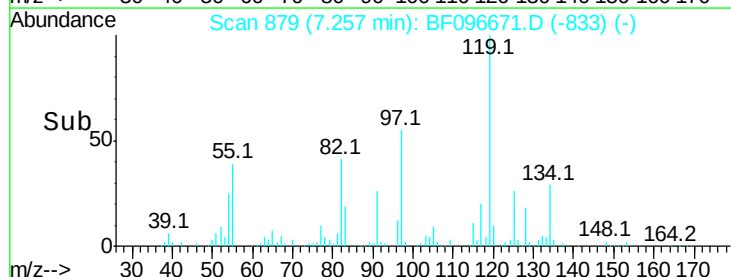
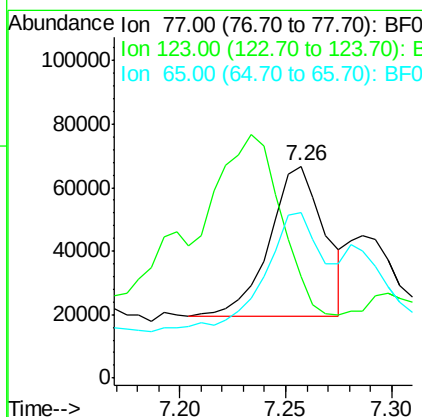
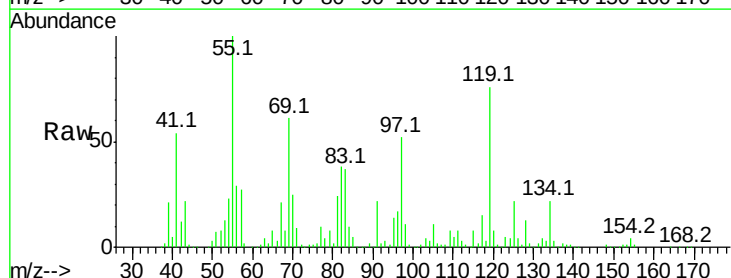
Instrument :
BNA_F
ClientSampleId :
E2-HS1-NSW

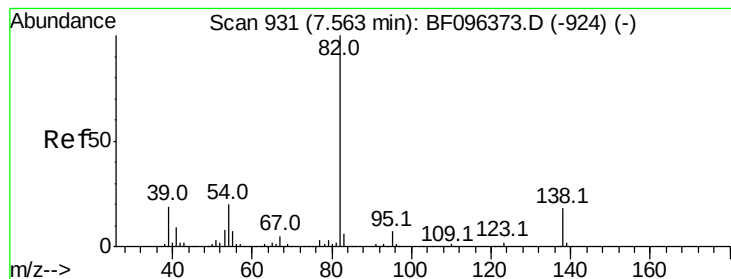
Tot Ion: 82 Resp: 323722
Ion Ratio Lower Upper
82 100
128 35.9 34.0 51.0
54 62.6 42.2 63.2



#24
Nitrobenzene
Concen: 24.033 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.03 min
Lab File: BF096671.D
Acq: 12 Jul 2017 4:41

Tgt Ion: 77 Resp: 85736
Ion Ratio Lower Upper
77 100
123 48.0 35.8 53.8
65 78.4 10.6 15.8#





#25

Isophorone

Concen: 46.041 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.01 min

Lab File: BF096671.D

Acq: 12 Jul 2017 4:41

Instrument :

BNA_F

ClientSampleId :

E2-HS1-NSW

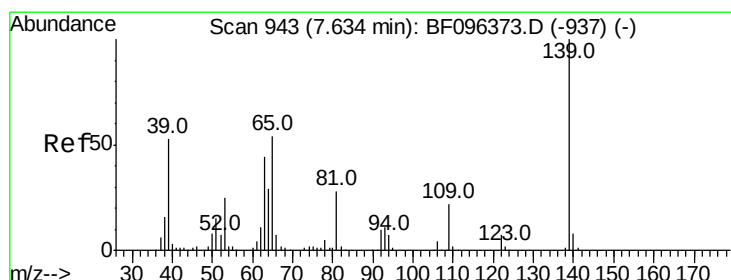
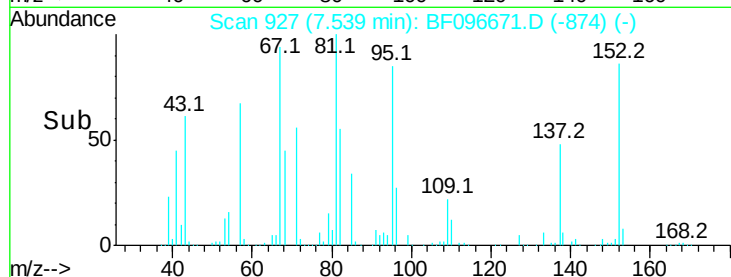
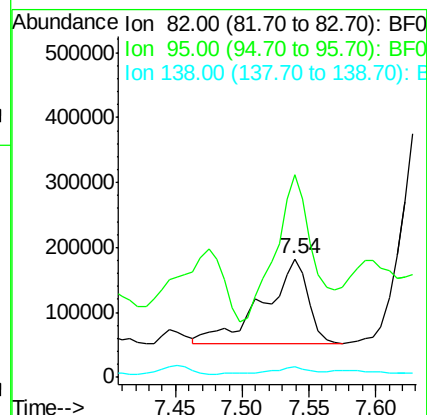
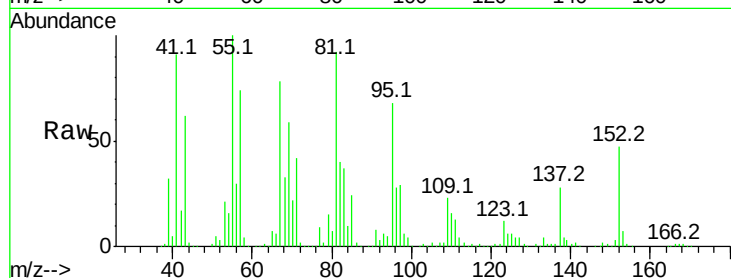
Tot Ion: 82 Resp: 303563

Ion Ratio Lower Upper

82 100

95 171.4 5.3 7.9#

138 9.2 13.1 19.7#



#26

2-Nitrophenol

Concen: 10.101 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.05 min

Lab File: BF096671.D

Acq: 12 Jul 2017 4:41

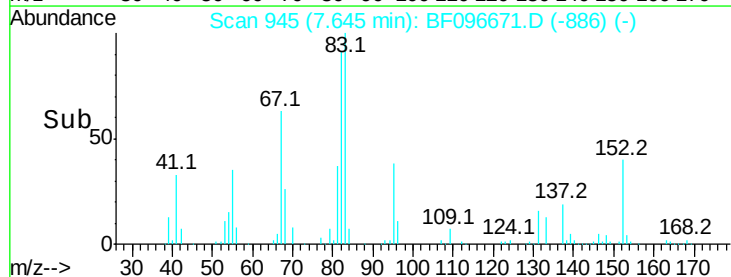
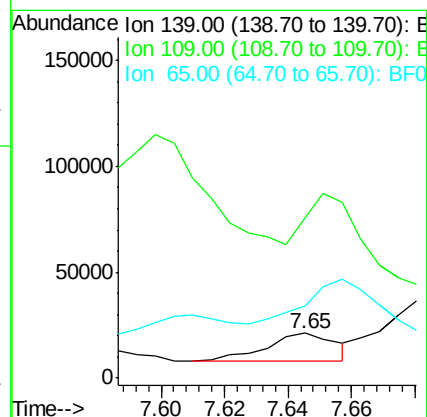
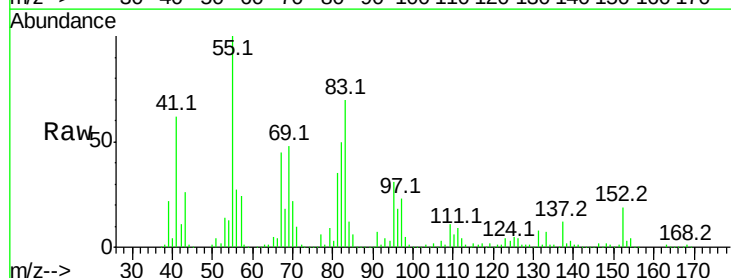
Tgt Ion: 139 Resp: 19072

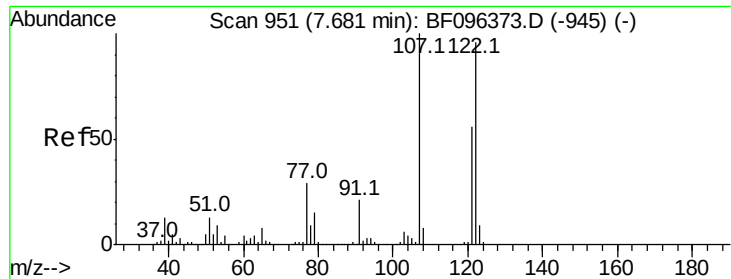
Ion Ratio Lower Upper

139 100

109 358.3 21.0 31.6#

65 160.0 33.0 49.6#

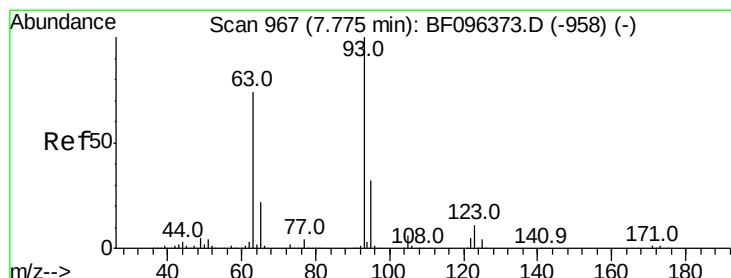
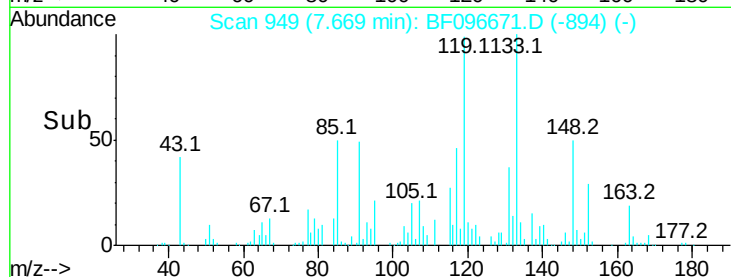
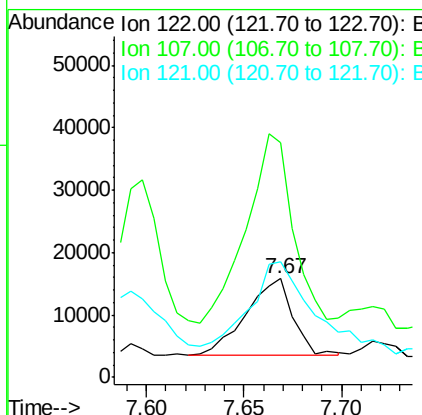
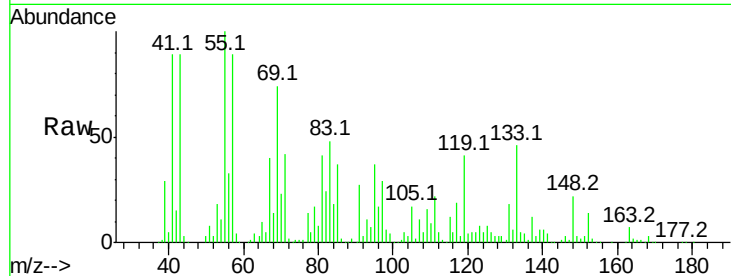




#27
 2,4-Dimethylphenol
 Concen: 6.418 ng
 RT: 7.67 min Scan# 949
 Delta R.T. 0.02 min
 Lab File: BF096671.D
 Acq: 12 Jul 2017 4:41

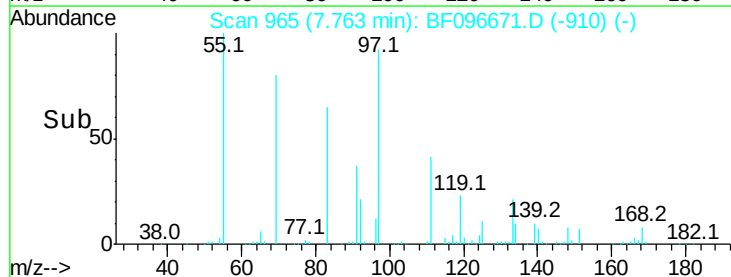
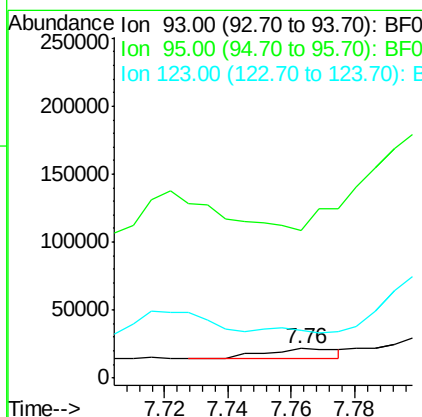
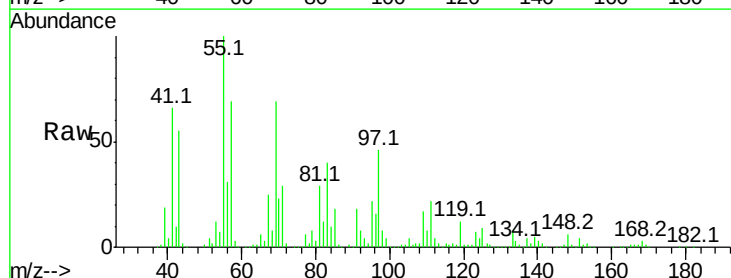
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS1-NSW

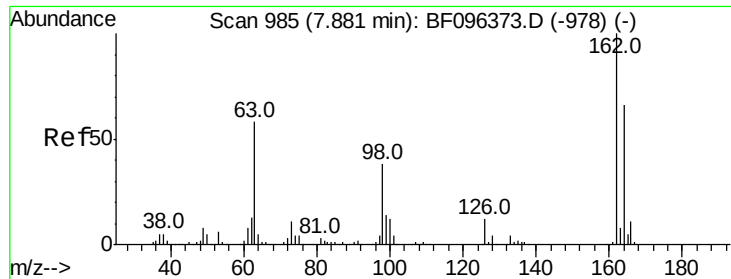
Tot Ion:122 Resp: 20634
 Ion Ratio Lower Upper
 122 100
 107 238.8 89.2 133.8#
 121 117.2 45.2 67.8#



#28
 bis(2-Chloroethoxy)methane
 Concen: 2.761 ng
 RT: 7.76 min Scan# 965
 Delta R.T. 0.02 min
 Lab File: BF096671.D
 Acq: 12 Jul 2017 4:41

Tgt Ion: 93 Resp: 12019
 Ion Ratio Lower Upper
 93 100
 95 506.8 26.5 39.7#
 123 161.7 9.0 13.4#





#29

2,4-Dichlorophenol

Concen: 9.434 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.01 min

Lab File: BF096671.D

Acq: 12 Jul 2017 4:41

Instrument :

BNA_F

ClientSampleId :

E2-HS1-NSW

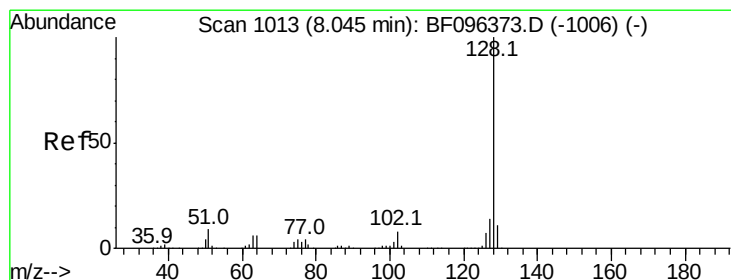
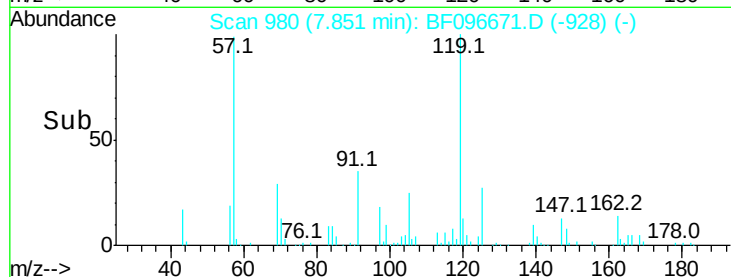
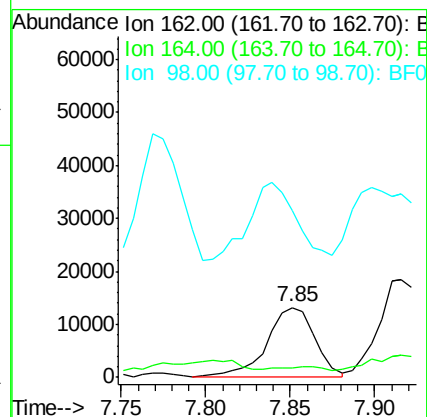
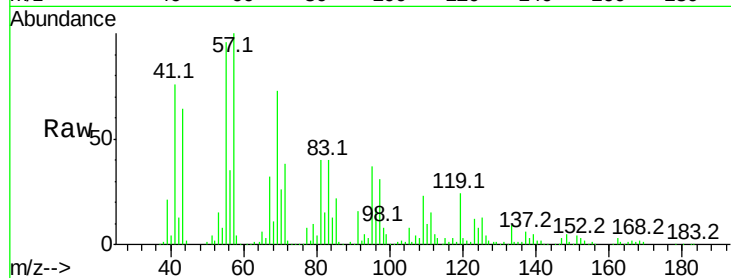
Tot Ion:162 Resp: 26170

Ion Ratio Lower Upper

162 100

164 14.0 44.6 84.6#

98 238.4 14.8 54.8#



#31

Naphthalene

Concen: 12.698 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.02 min

Lab File: BF096671.D

Acq: 12 Jul 2017 4:41

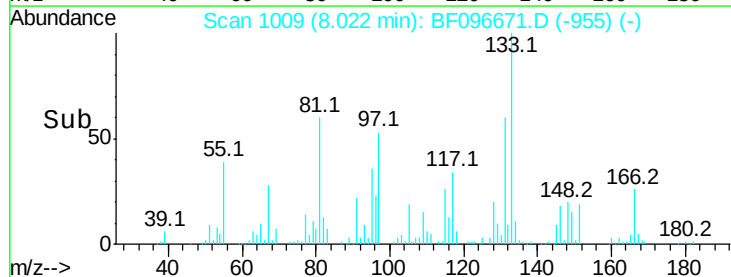
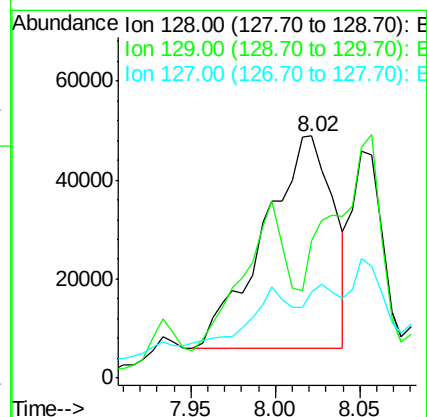
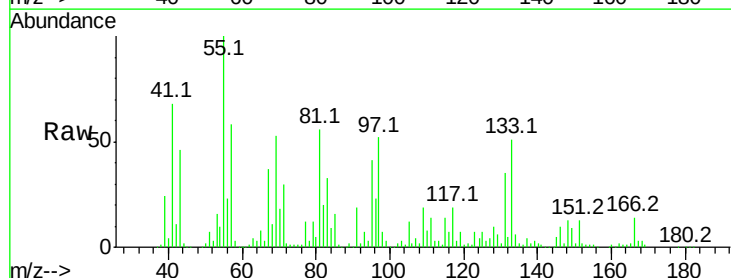
Tgt Ion:128 Resp: 122496

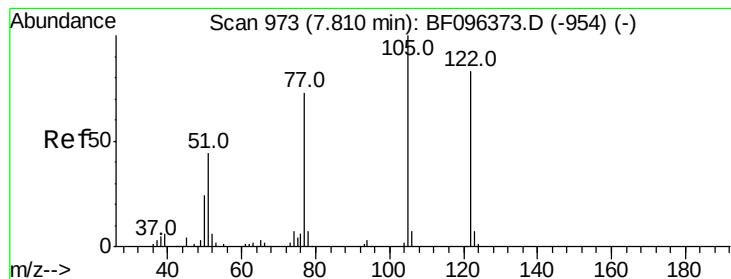
Ion Ratio Lower Upper

128 100

129 56.6 9.0 13.6#

127 35.8 10.8 16.2#





#32

Benzoic acid

Concen: 12.929 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.02 min

Lab File: BF096671.D

Acq: 12 Jul 2017 4:41

Instrument :

BNA_F

ClientSampleId :

E2-HS1-NSW

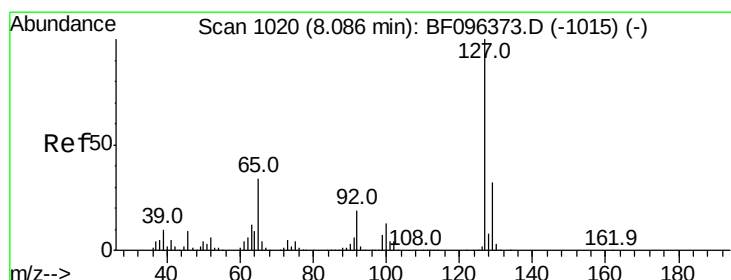
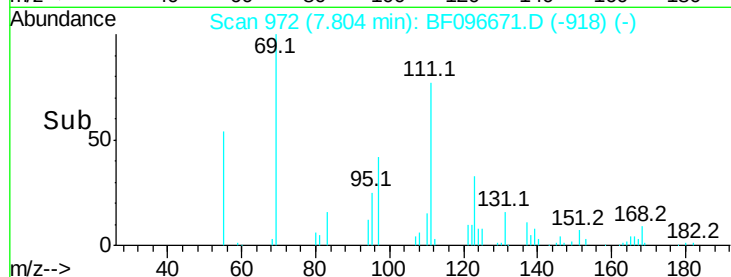
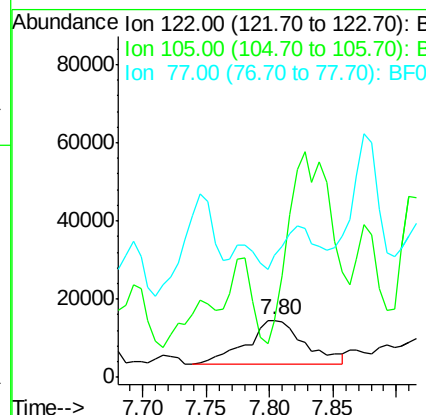
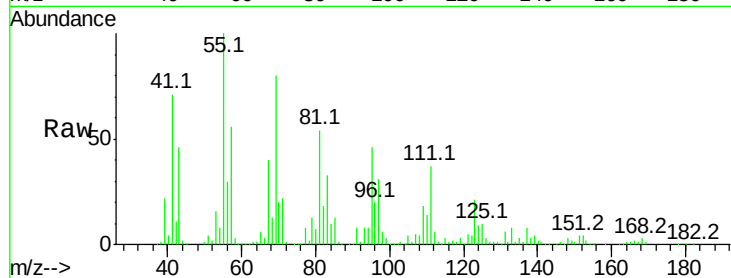
Tot Ion:122 Resp: 34911

Ion Ratio Lower Upper

122 100

105 99.8 103.3 143.3#

77 214.5 73.7 113.7#



#33

4-Chloroaniline

Concen: 4.317 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF096671.D

Acq: 12 Jul 2017 4:41

Tgt Ion:127 Resp: 17298

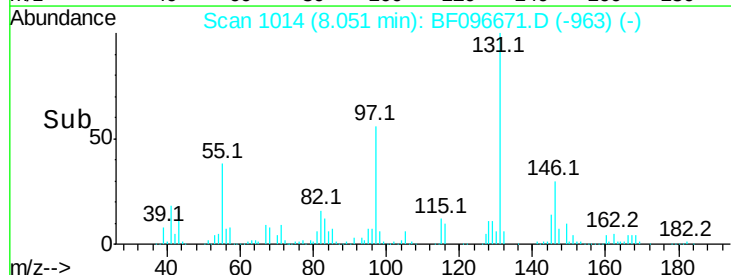
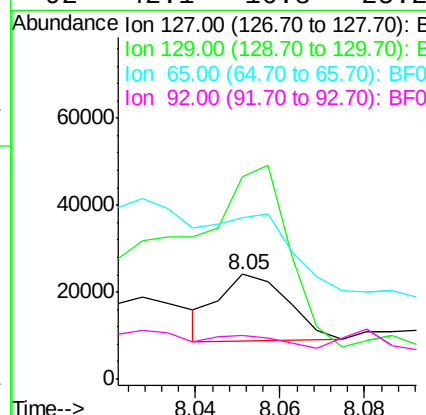
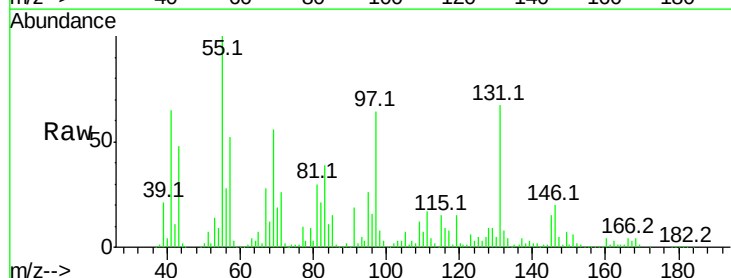
Ion Ratio Lower Upper

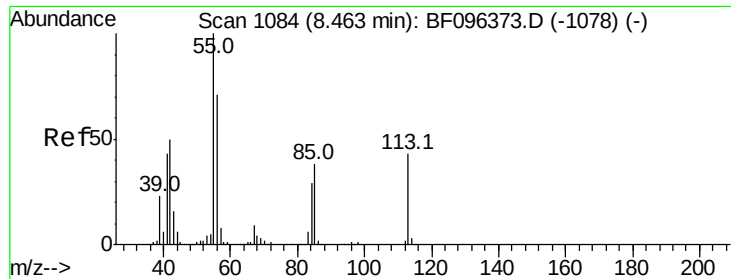
127 100

129 193.4 26.2 39.2#

65 153.4 27.8 41.8#

92 42.1 16.8 25.2#





#35

Caprolactam

Concen: 220.541 ng

RT: 8.46 min Scan# 1083

Delta R.T. 0.02 min

Lab File: BF096671.D

Acq: 12 Jul 2017 4:41

Instrument :

BNA_F

ClientSampleId :

E2-HS1-NSW

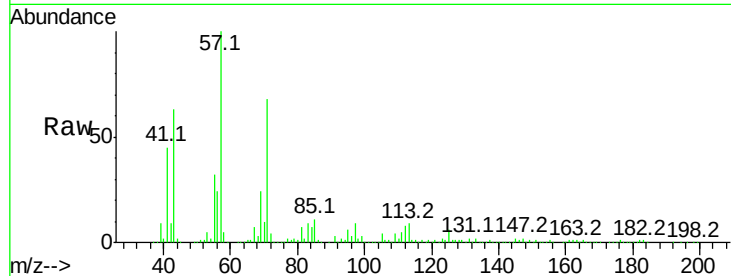
Tot Ion:113 Resp: 210958

Ion Ratio Lower Upper

113 100

55 361.0 150.2 190.2#

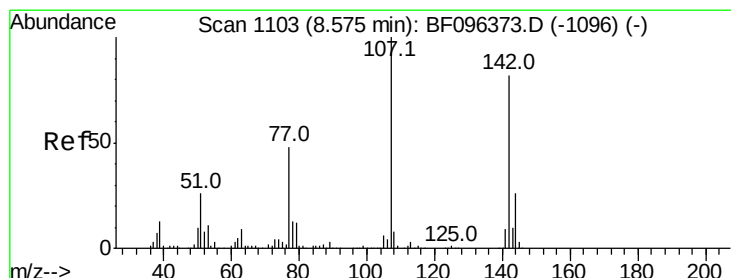
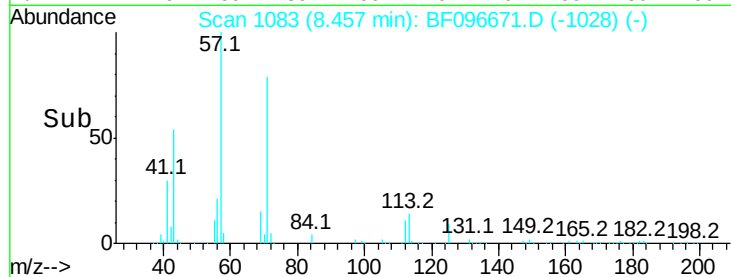
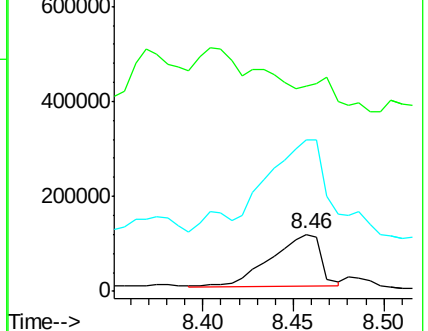
56 267.4 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 5.953 ng

RT: 8.54 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF096671.D

Acq: 12 Jul 2017 4:41

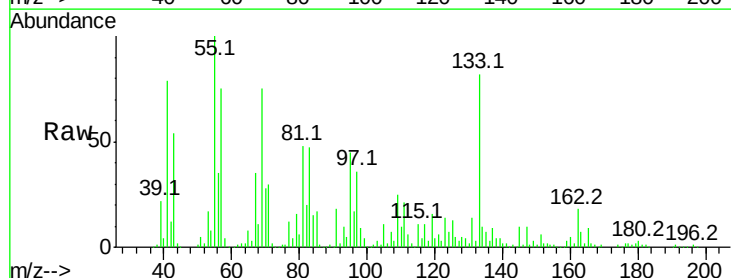
Tgt Ion:107 Resp: 18271

Ion Ratio Lower Upper

107 100

144 7.1 24.2 36.4#

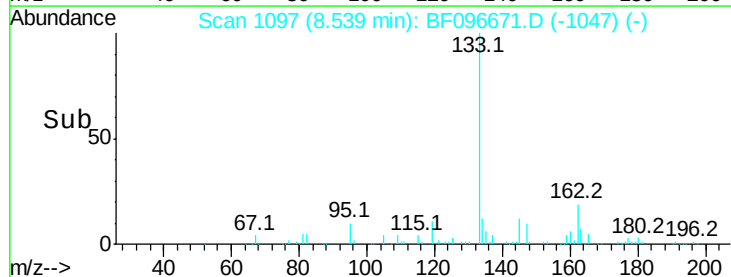
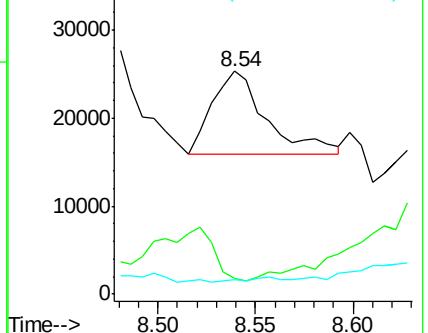
142 6.4 73.4 110.0#

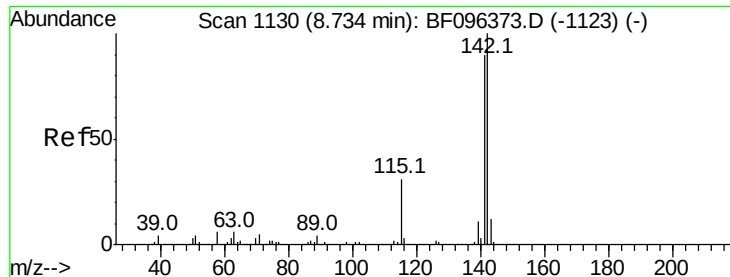


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 5.441 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.02 min

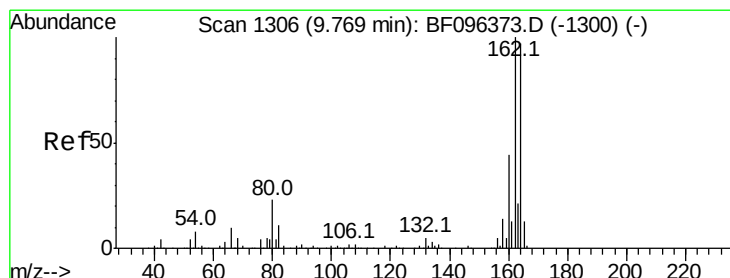
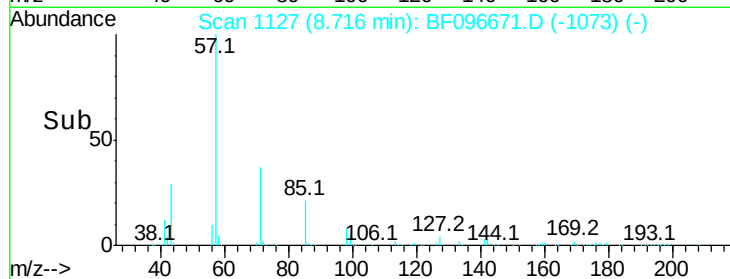
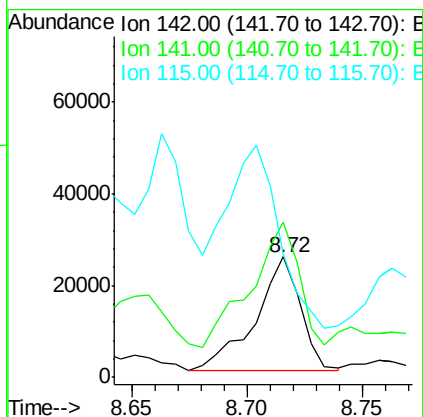
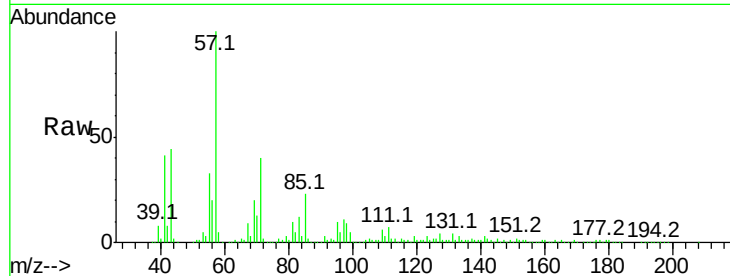
Lab File: BF096671.D

Acq: 12 Jul 2017 4:41

Instrument :
BNA_F
ClientSampleId :
E2-HS1-NSW

Tot Ion:142 Resp: 33414

Ion	Ratio	Lower	Upper
142	100		
141	129.6	71.3	106.9#
115	103.0	27.1	40.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

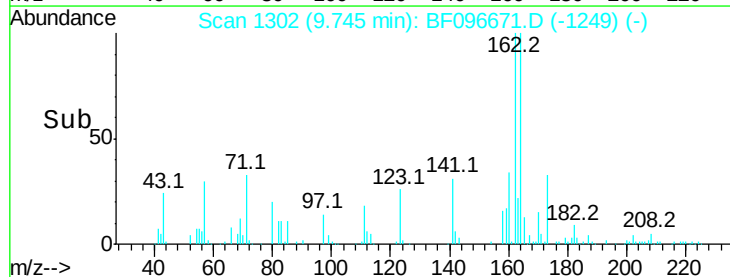
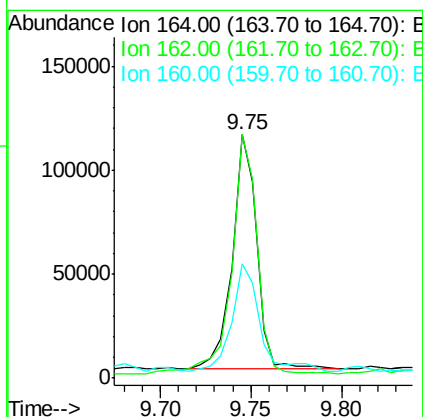
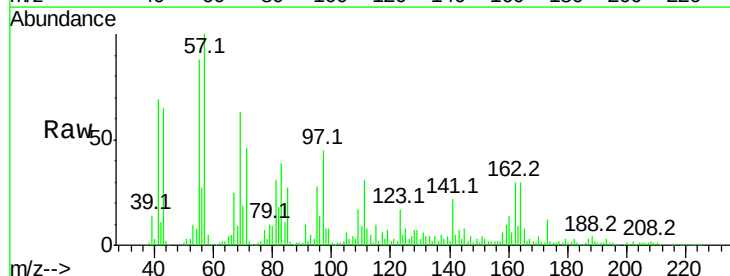
Delta R.T. 0.01 min

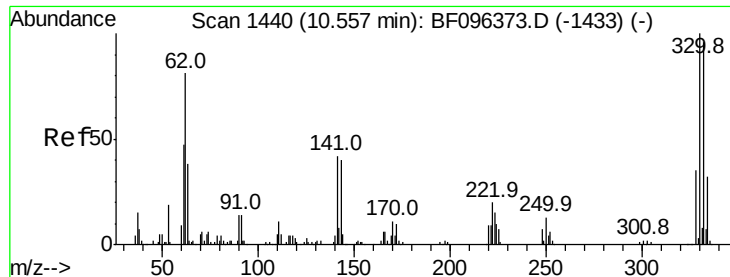
Lab File: BF096671.D

Acq: 12 Jul 2017 4:41

Tgt Ion:164 Resp: 106669

Ion	Ratio	Lower	Upper
164	100		
162	100.0	82.6	123.8
160	47.2	36.2	54.2

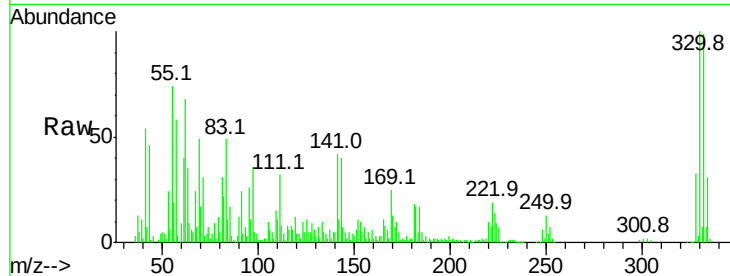




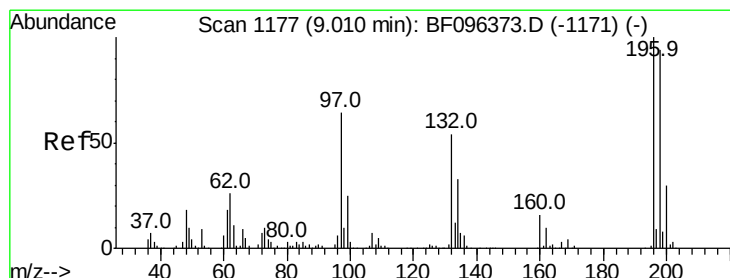
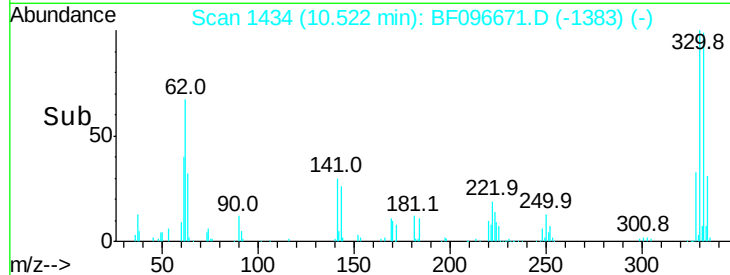
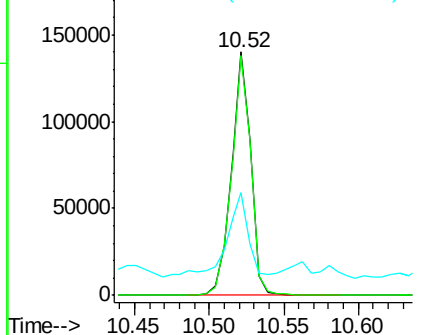
#41
 2,4,6-Tribromophenol
 Concen: 153.415 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF096671.D
 Acq: 12 Jul 2017 4:41

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS1-NSW

Tot Ion:330 Resp: 127828
 Ion Ratio Lower Upper
 330 100
 332 99.0 76.6 115.0
 141 39.3 31.4 47.2

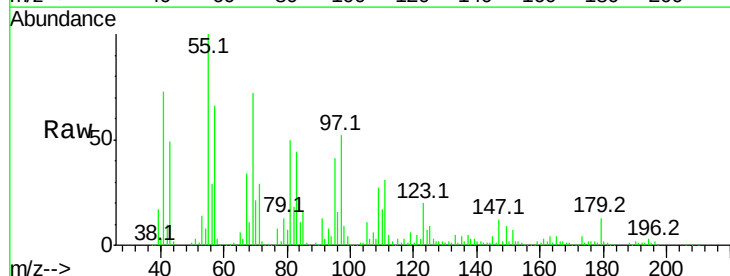


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

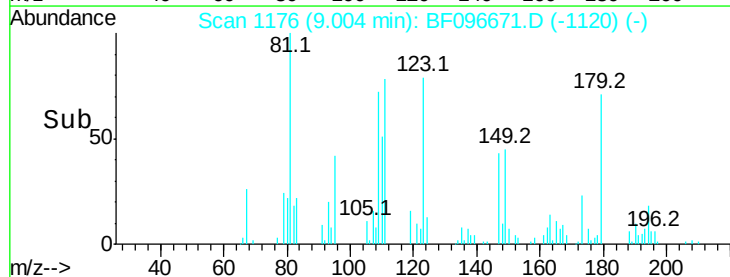
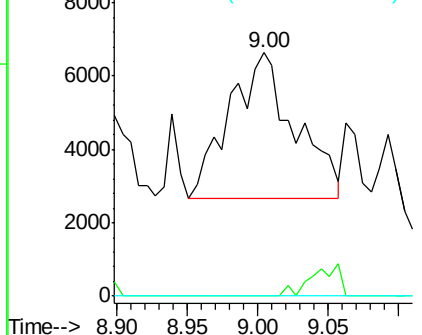


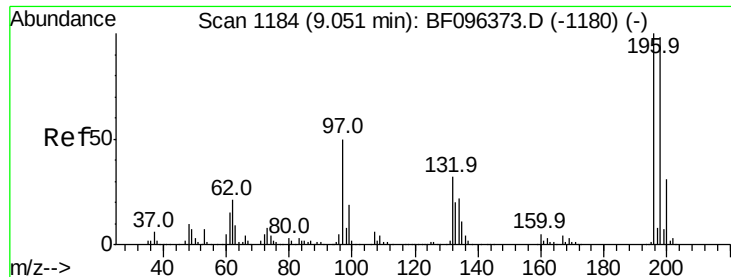
#42
 2,4,6-Trichlorophenol
 Concen: 5.862 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.03 min
 Lab File: BF096671.D
 Acq: 12 Jul 2017 4:41

Tgt Ion:196 Resp: 12844
 Ion Ratio Lower Upper
 196 100
 198 0.0 74.2 111.4#
 200 0.0 24.0 36.0#



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

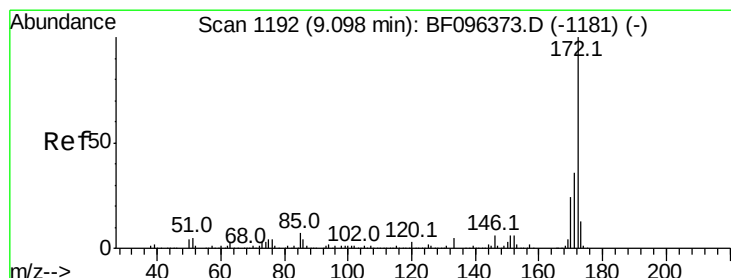
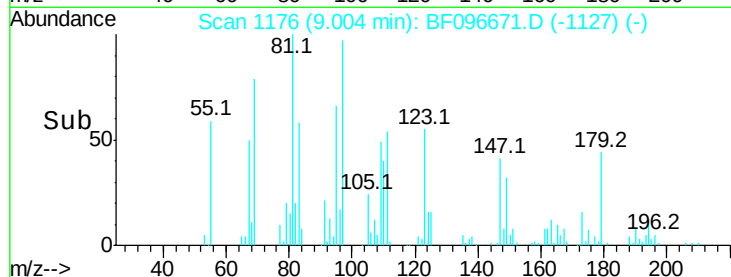
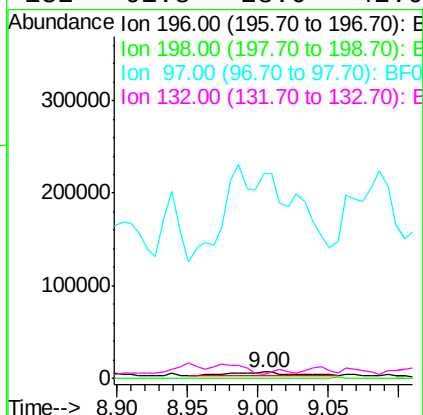
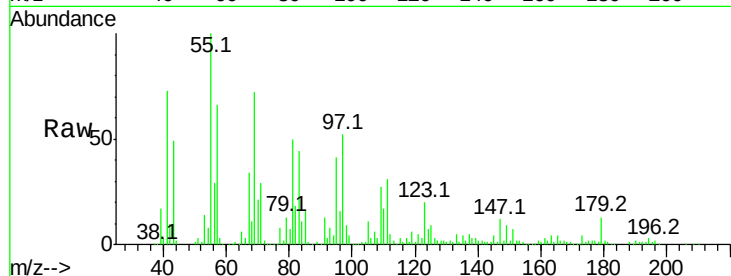




#43
 2,4,5-Trichlorophenol
 Concen: 5.929 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF096671.D
 Acq: 12 Jul 2017 4:41

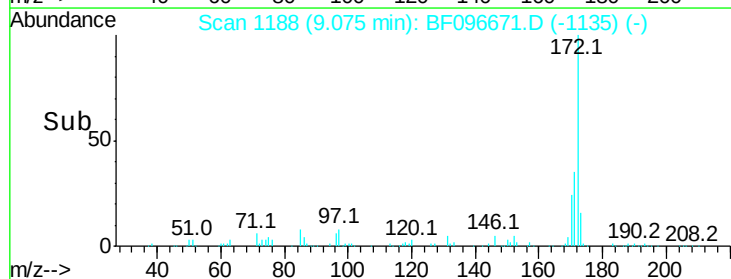
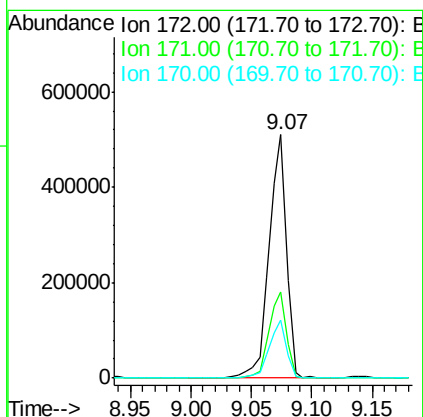
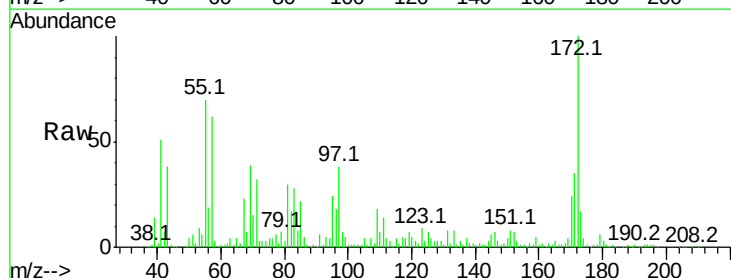
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS1-NSW

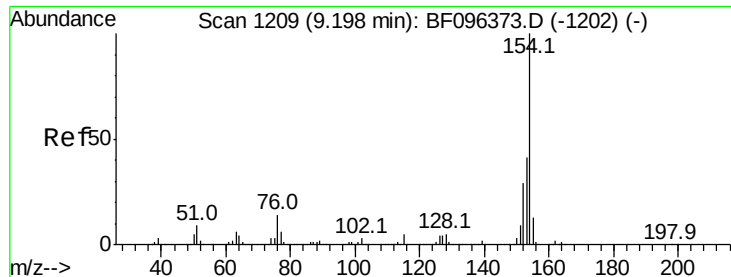
Tot Ion:196 Resp: 12844
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.7 113.5#
 97 3335.4 47.7 71.5#
 132 61.8 28.0 42.0#



#44
 2-Fluorobiphenyl
 Concen: 82.236 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF096671.D
 Acq: 12 Jul 2017 4:41

Tgt Ion:172 Resp: 513054
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 23.6 19.8 29.8





#45

1,1'-Biphenyl

Concen: 3.142 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.24 min

Lab File: BF096671.D

Acq: 12 Jul 2017 4:41

Instrument :

BNA_F

ClientSampleId :

E2-HS1-NSW

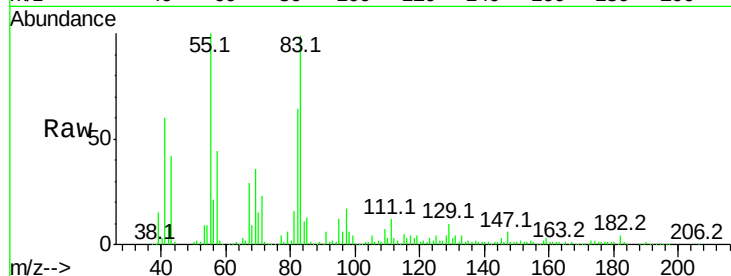
Tot Ion:154 Resp: 28716

Ion Ratio Lower Upper

154 100

153 38.6 21.2 61.2

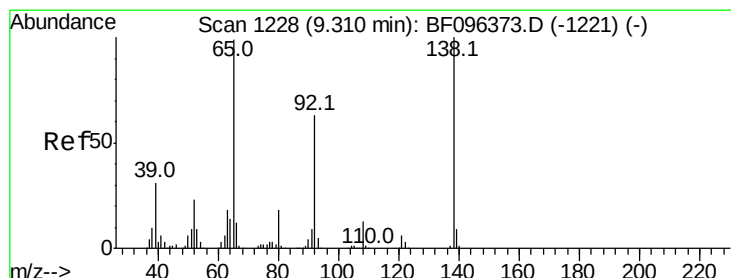
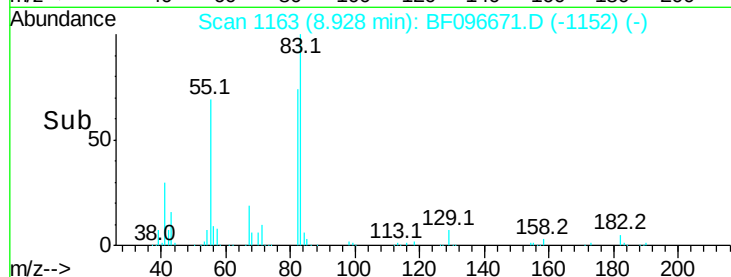
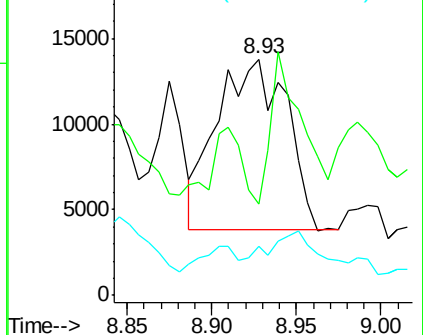
76 20.8 0.0 29.9



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): BF0



#47

2-Nitroaniline

Concen: 3.268 ng

RT: 9.30 min Scan# 1227

Delta R.T. 0.03 min

Lab File: BF096671.D

Acq: 12 Jul 2017 4:41

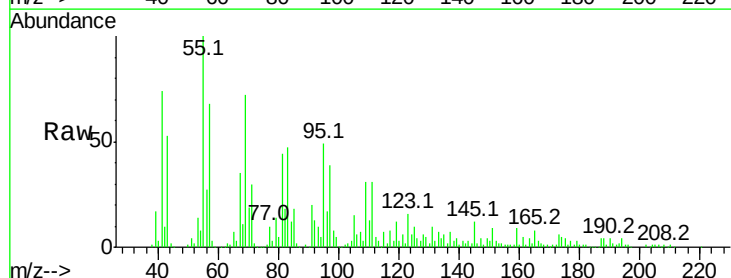
Tgt Ion: 65 Resp: 8100

Ion Ratio Lower Upper

65 100

92 181.1 53.9 80.9#

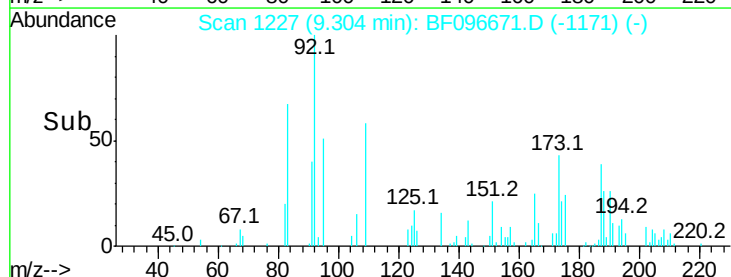
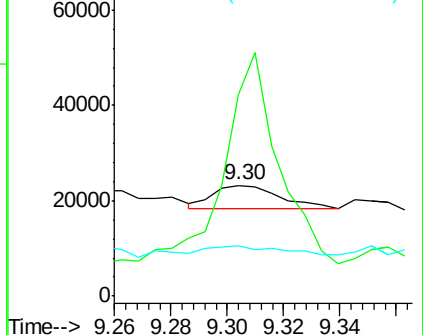
138 44.9 78.8 118.2#

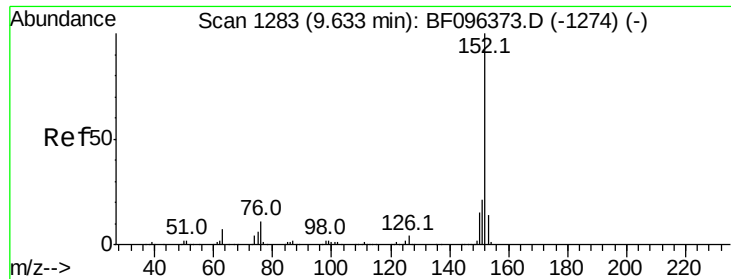


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 3.138 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.01 min

Lab File: BF096671.D

Acq: 12 Jul 2017 4:41

Instrument :

BNA_F

ClientSampleId :

E2-HS1-NSW

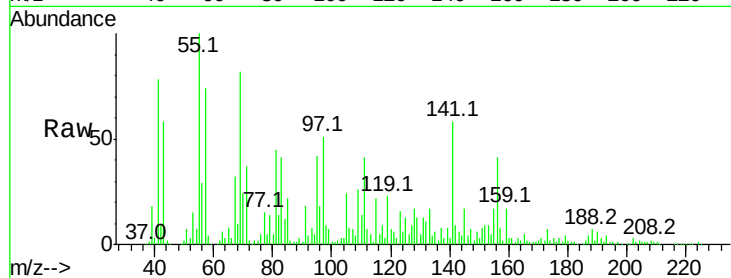
Tot Ion:152 Resp: 33871

Ion Ratio Lower Upper

152 100

151 88.9 16.8 25.2#

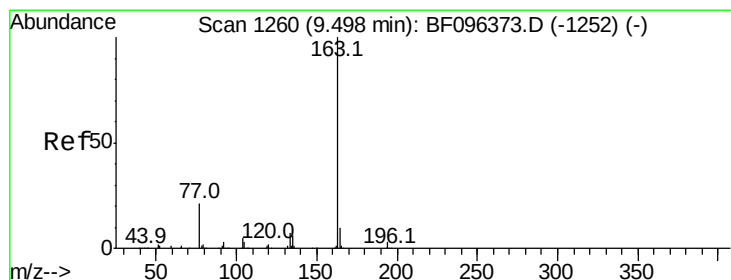
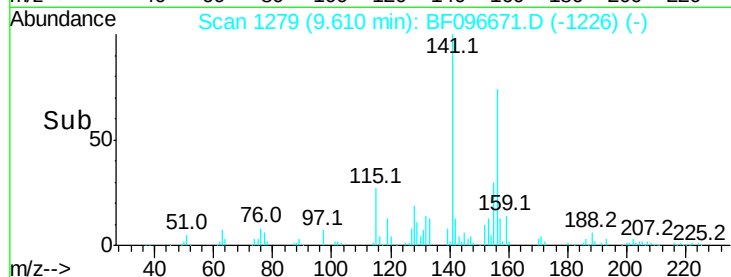
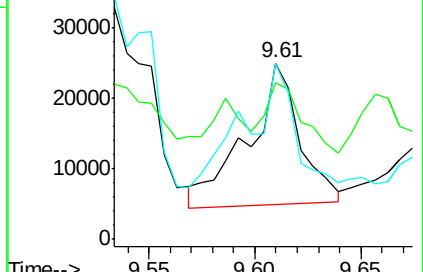
153 100.0 10.8 16.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 16.608 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF096671.D

Acq: 12 Jul 2017 4:41

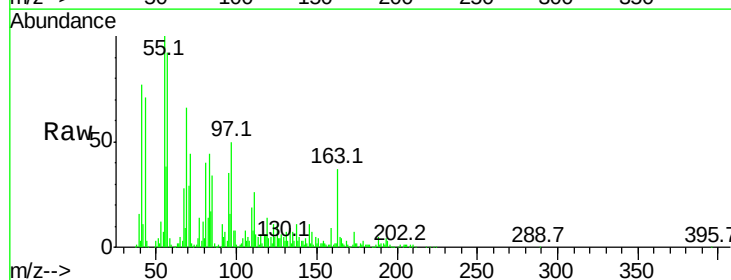
Tgt Ion:163 Resp: 132245

Ion Ratio Lower Upper

163 100

194 8.1 2.6 4.0#

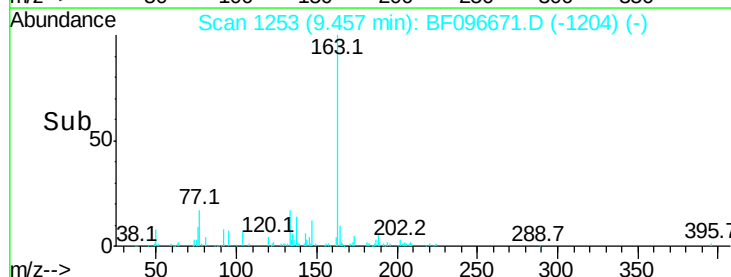
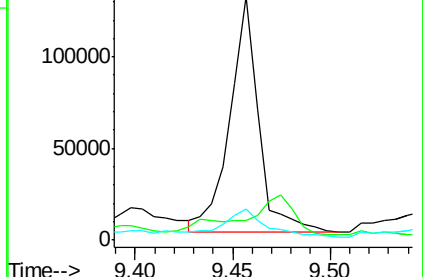
164 12.5 8.4 12.6

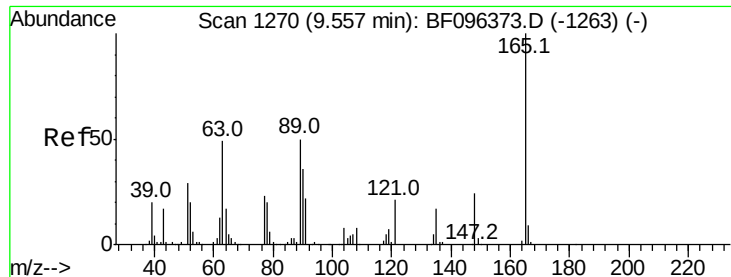


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

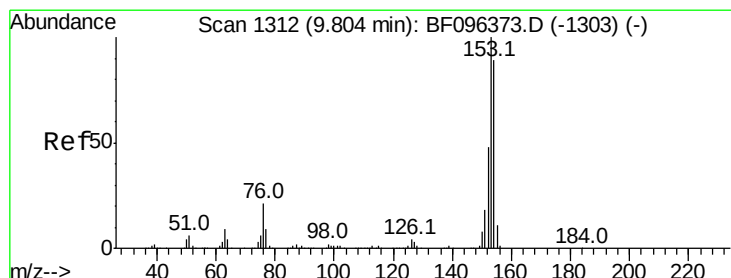
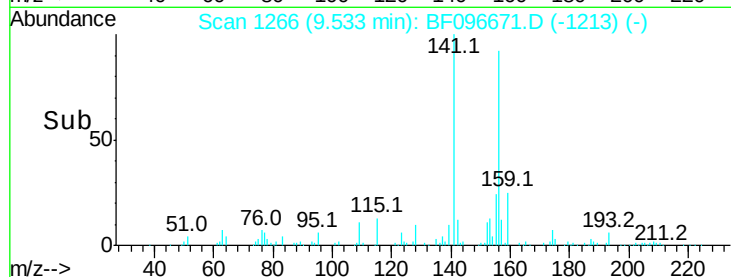
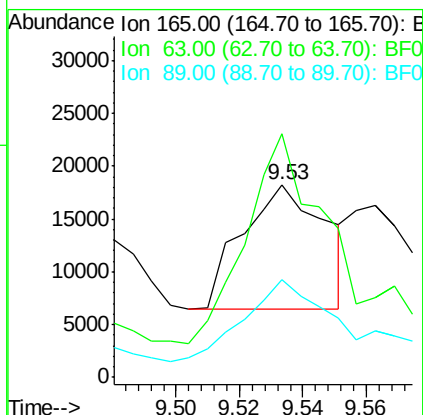
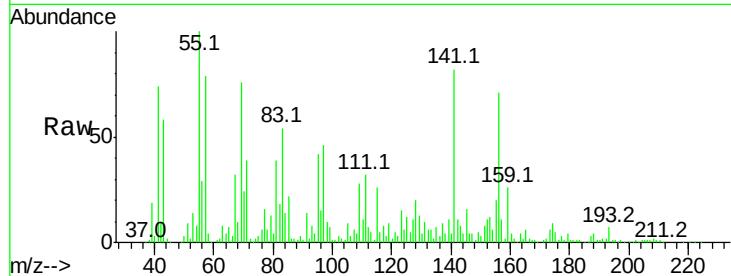




#50
 2,6-Dinitrotoluene
 Concen: 12.129 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.01 min
 Lab File: BF096671.D
 Acq: 12 Jul 2017 4:41

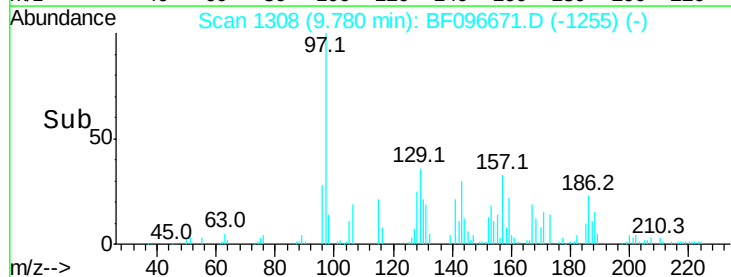
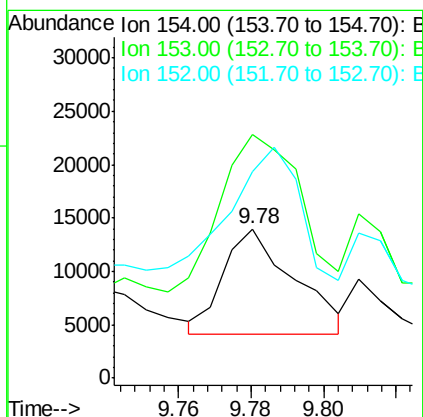
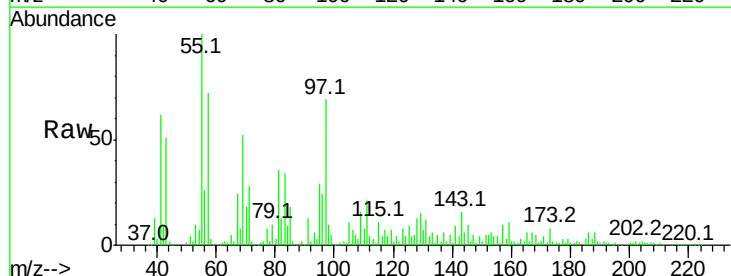
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS1-NSW

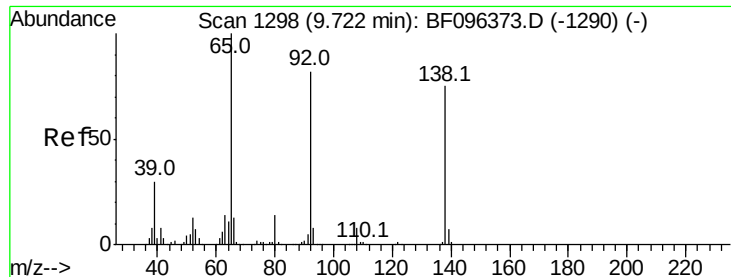
Tot Ion:165 Resp: 21357
 Ion Ratio Lower Upper
 165 100
 63 126.3 34.3 51.5#
 89 50.9 37.1 55.7



#51
 Acenaphthene
 Concen: 2.014 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. 0.01 min
 Lab File: BF096671.D
 Acq: 12 Jul 2017 4:41

Tgt Ion:154 Resp: 13398
 Ion Ratio Lower Upper
 154 100
 153 163.0 90.5 135.7#
 152 138.5 43.6 65.4#





#52

3-Nitroaniline

Concen: 3.145 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.02 min

Lab File: BF096671.D

Acq: 12 Jul 2017 4:41

Instrument :

BNA_F

ClientSampleId :

E2-HS1-NSW

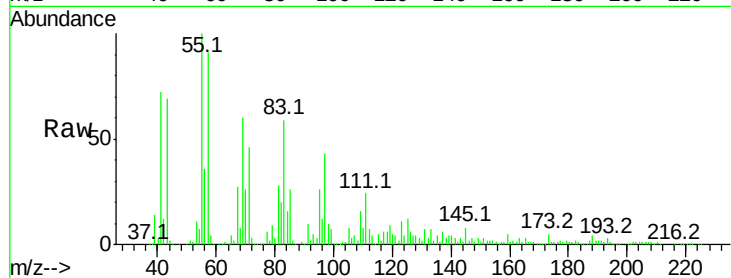
Tot Ion:138 Resp: 6908

Ion Ratio Lower Upper

138 100

108 74.0 9.1 13.7#

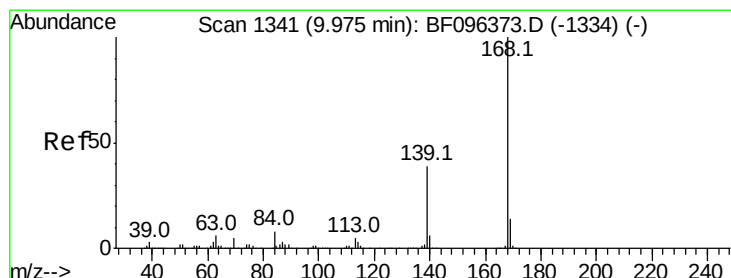
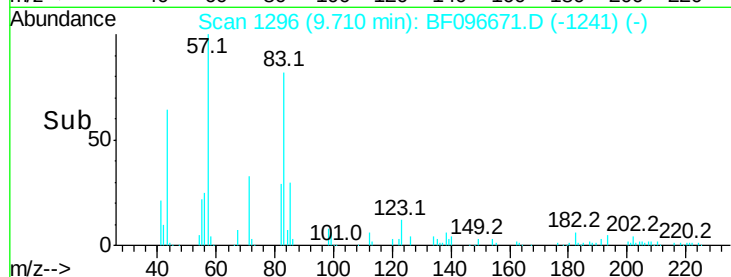
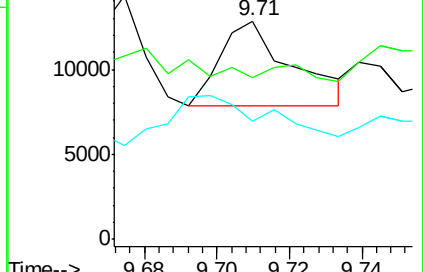
92 54.1 93.8 140.6#



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): BF0



#54

Dibenzofuran

Concen: 4.859 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF096671.D

Acq: 12 Jul 2017 4:41

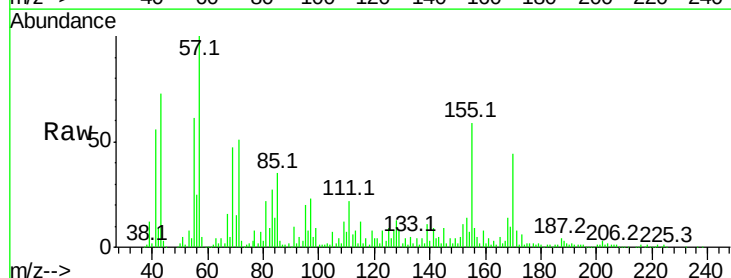
Tgt Ion:168 Resp: 42680

Ion Ratio Lower Upper

168 100

139 77.7 30.6 45.8#

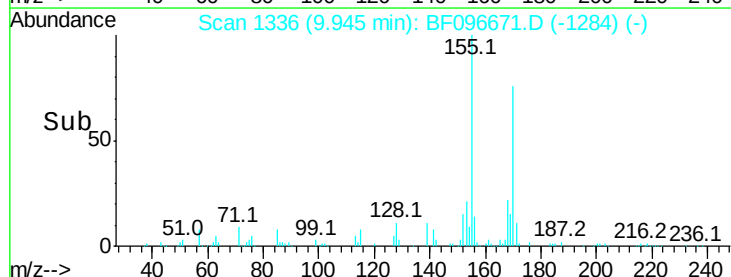
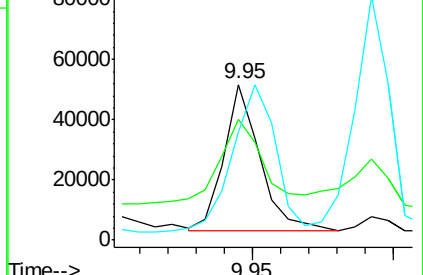
169 69.0 10.8 16.2#

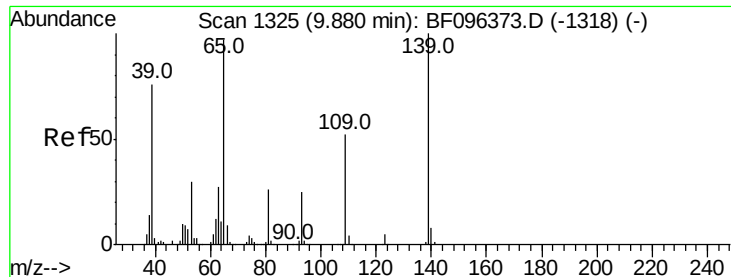


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

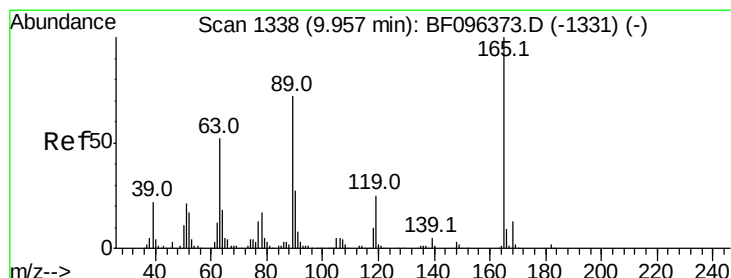
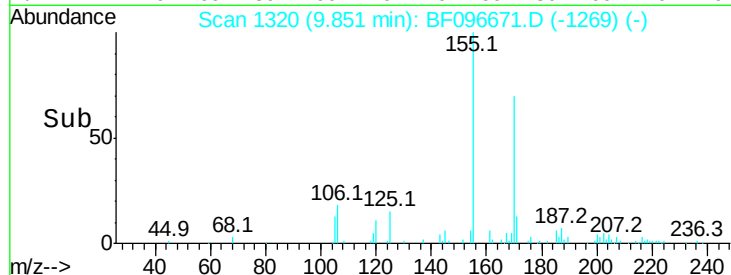
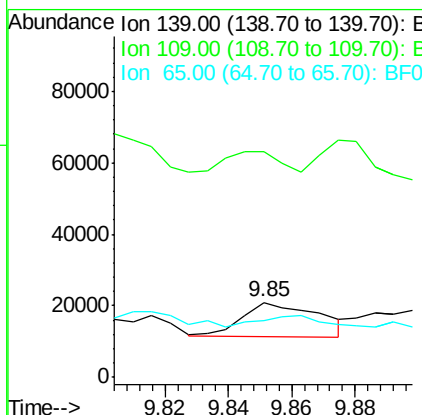
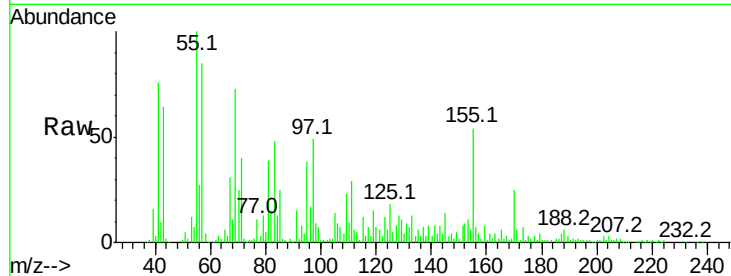




#55
4-Nitrophenol
Concen: 8.863 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF096671.D
Acq: 12 Jul 2017 4:41

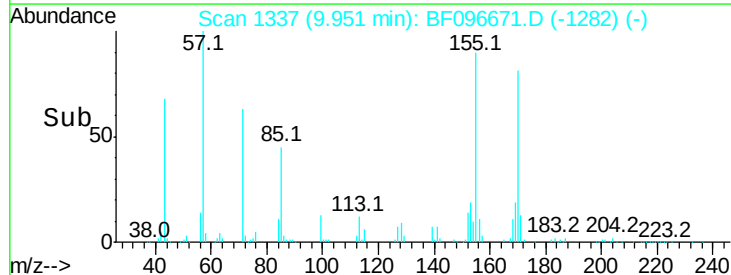
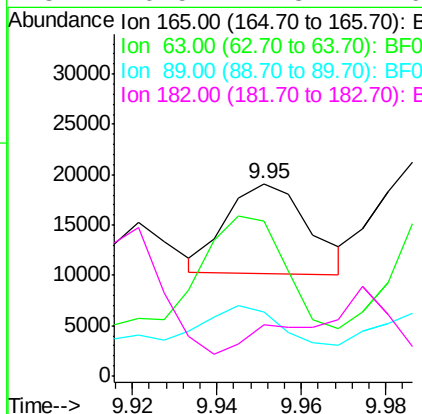
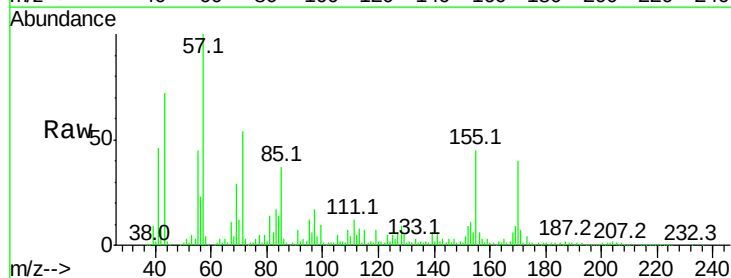
Instrument :
BNA_F
ClientSampleId :
E2-HS1-NSW

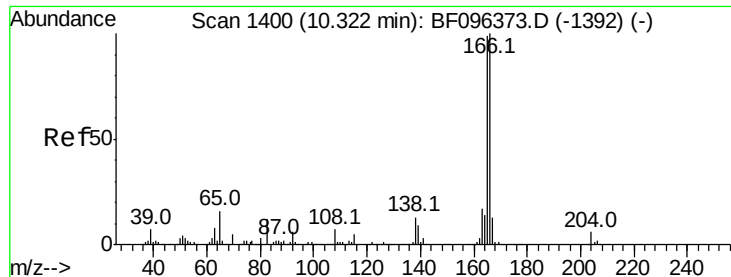
Tot Ion:139 Resp: 16135
Ion Ratio Lower Upper
139 100
109 302.6 34.1 74.1#
65 75.7 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 5.463 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.02 min
Lab File: BF096671.D
Acq: 12 Jul 2017 4:41

Tgt Ion:165 Resp: 12183
Ion Ratio Lower Upper
165 100
63 80.5 25.4 38.0#
89 33.2 46.4 69.6#
182 26.5 1.8 2.6#





#57

Fluorene

Concen: 10.578 ng

RT: 10.29 min Scan# 1394

Delta R.T. 0.01 min

Lab File: BF096671.D

Acq: 12 Jul 2017 4:41

Instrument :

BNA_F

ClientSampleId :

E2-HS1-NSW

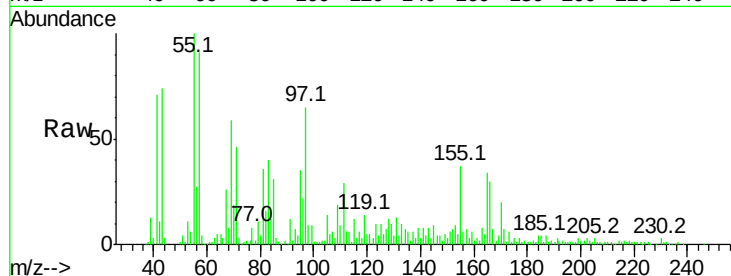
Tot Ion:166 Resp: 65616

Ion Ratio Lower Upper

166 100

165 112.0 78.8 118.2

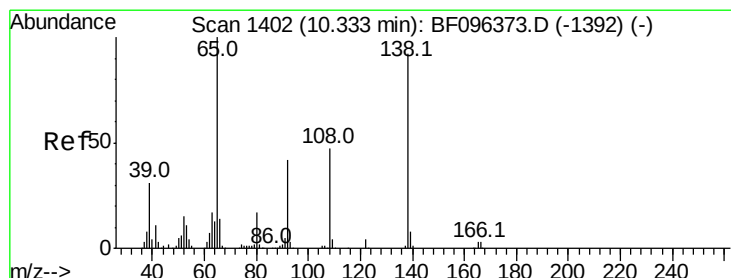
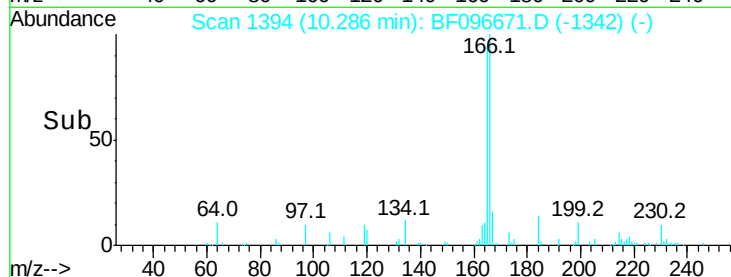
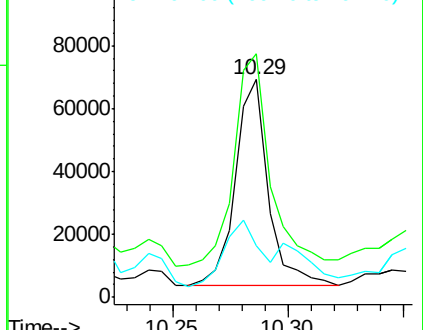
167 23.8 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#61

4-Nitroaniline

Concen: 2.964 ng

RT: 10.21 min Scan# 1381

Delta R.T. -0.09 min

Lab File: BF096671.D

Acq: 12 Jul 2017 4:41

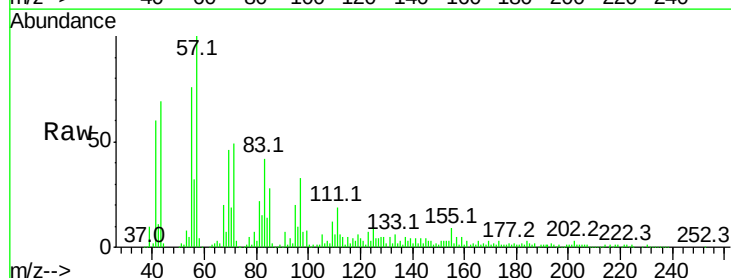
Tgt Ion:138 Resp: 5919

Ion Ratio Lower Upper

138 100

92 50.8 21.8 61.8

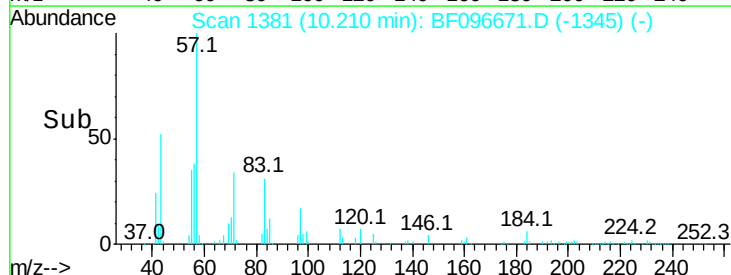
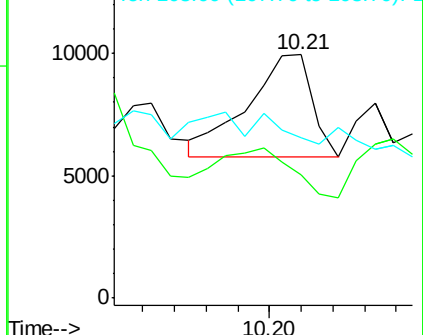
108 66.1 42.3 82.3

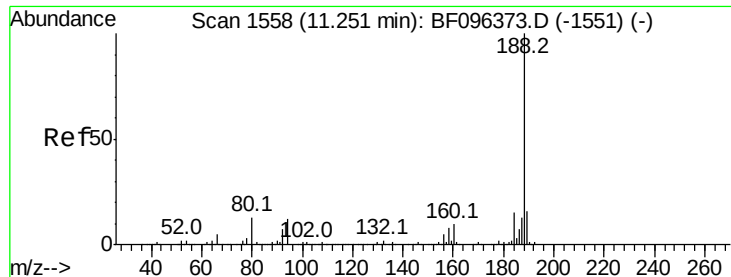


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

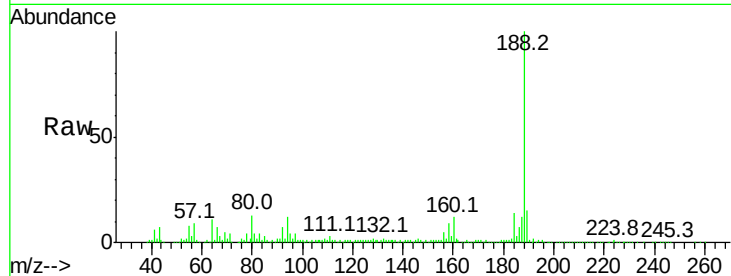




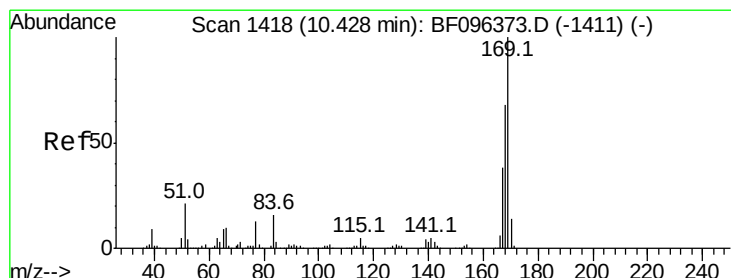
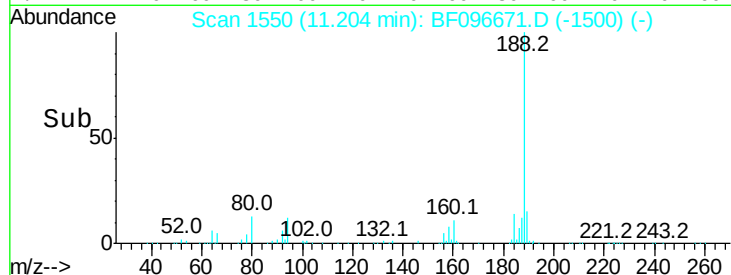
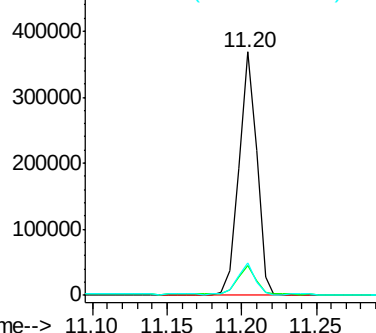
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF096671.D
Acq: 12 Jul 2017 4:41

Instrument :
BNA_F
ClientSampleId :
E2-HS1-NSW

Tot Ion:188 Resp: 302390
Ion Ratio Lower Upper
188 100
94 12.5 9.4 14.2
80 13.2 10.2 15.2

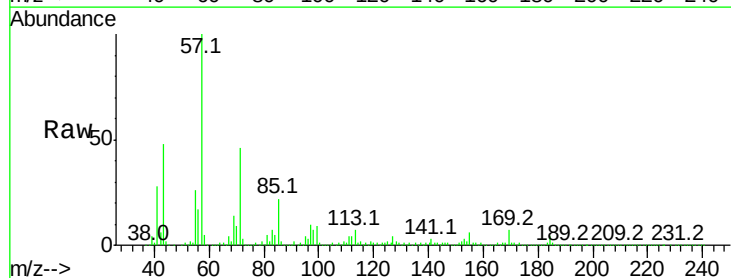


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

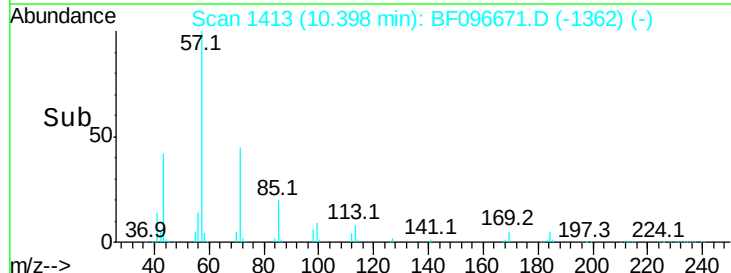
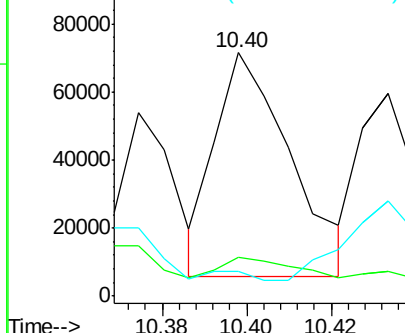


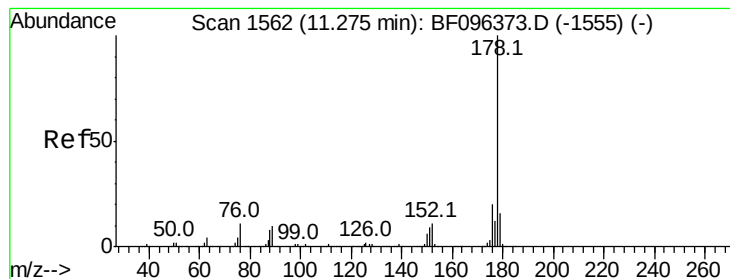
#65
n-Nitrosodiphenylamine
Concen: 7.655 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF096671.D
Acq: 12 Jul 2017 4:41

Tgt Ion:169 Resp: 81219
Ion Ratio Lower Upper
169 100
168 16.1 53.2 79.8#
167 10.0 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





#70

Phenanthrene

Concen: 2.034 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BF096671.D

Acq: 12 Jul 2017 4:41

Instrument :

BNA_F

ClientSampleId :

E2-HS1-NSW

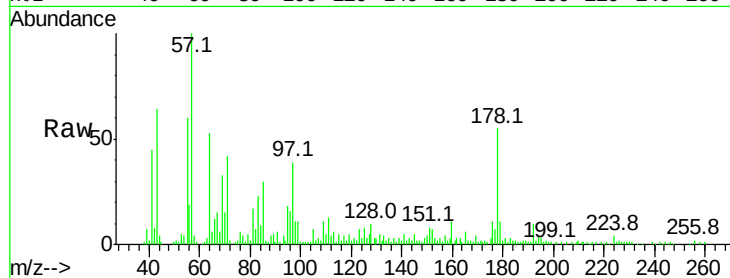
Tot Ion:178 Resp: 33244

Ion Ratio Lower Upper

178 100

176 19.9 16.2 24.4

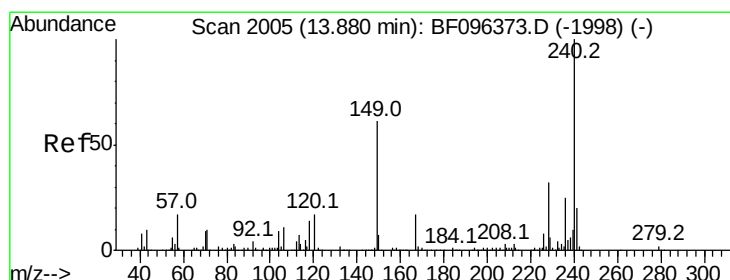
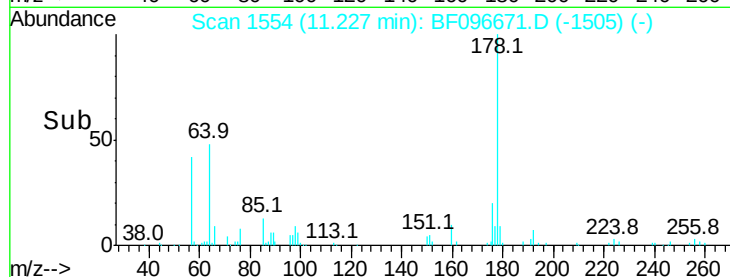
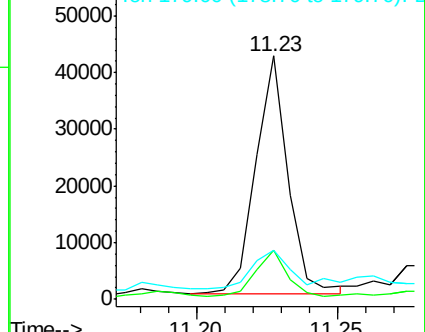
179 20.0 12.6 19.0#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF096671.D

Acq: 12 Jul 2017 4:41

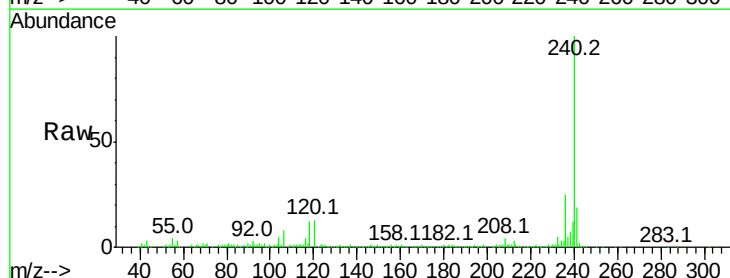
Tgt Ion:240 Resp: 214003

Ion Ratio Lower Upper

240 100

120 12.9 5.8 8.8#

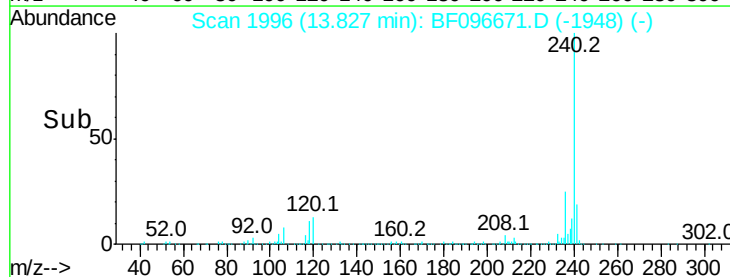
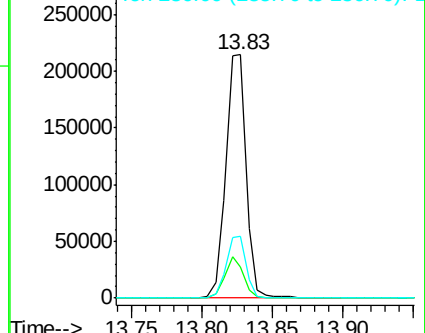
236 25.4 20.5 30.7

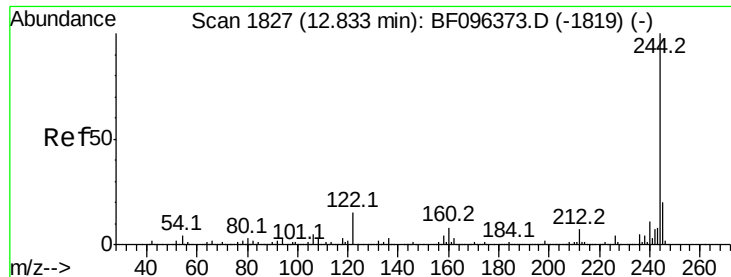


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 54.347 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF096671.D

Acq: 12 Jul 2017 4:41

Instrument :

BNA_F

ClientSampleId :

E2-HS1-NSW

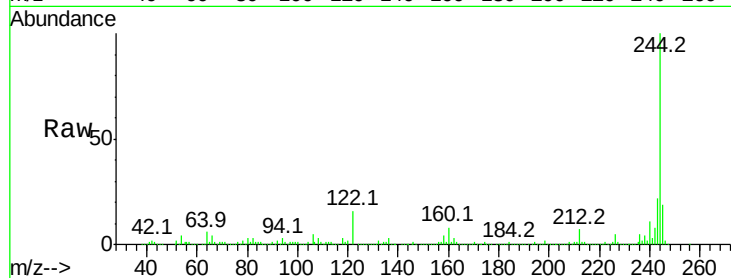
Tot Ion:244 Resp: 544280

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

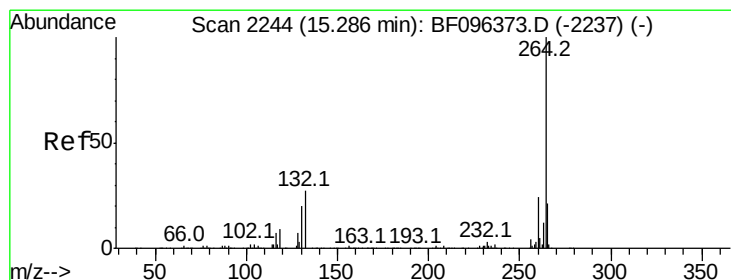
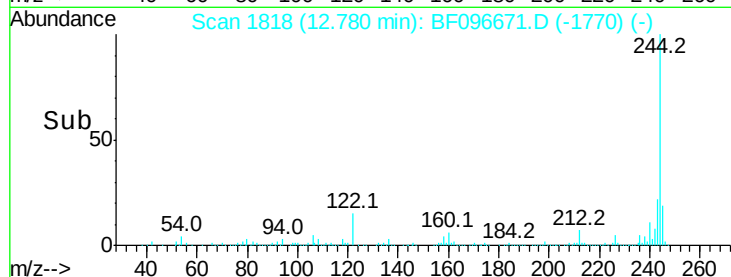
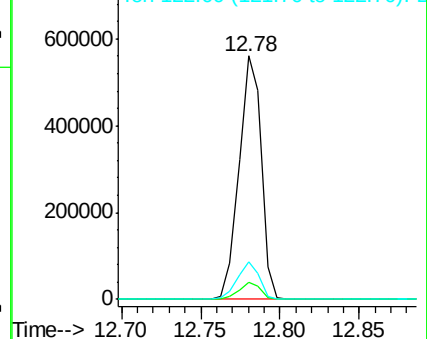
122 15.5 10.3 15.5#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.02 min

Lab File: BF096671.D

Acq: 12 Jul 2017 4:41

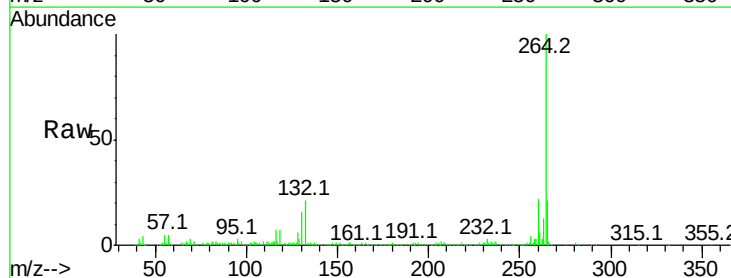
Tgt Ion:264 Resp: 193935

Ion Ratio Lower Upper

264 100

260 21.9 19.5 29.3

265 21.3 17.2 25.8



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

