

Data File : BF096944.D
Acq On : 21 Jul 2017 15:13
Operator : SJ/JU
Sample : I4253-06 50X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-07-WSW

Quant Time: Jul 21 23:10:49 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	112642	20.00	ng	-0.05
21) Naphthalene-d8	7.84	136	370410	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	185902	20.00	ng	-0.05
63) Phenanthrene-d10	11.06	188	299791	20.00	ng	-0.04
75) Chrysene-d12	13.69	240	177427	20.00	ng	-0.05
86) Perylene-d12	15.04	264	184374	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	17269	2.31	ng	-0.05
7) Phenol-d6	6.20	99	22165	2.47	ng	-0.05
23) Nitrobenzene-d5	7.04	82	833	0.14	ng	-0.13
41) 2,4,6-Tribromophenol	10.37	330	3834	2.42	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	24130	2.05	ng	-0.05
78) Terphenyl-d14	12.64	244	14995	1.47	ng	-0.05

Target Compounds						Qvalue
6) Aniline	6.29	93	40343	3.64	ng	# 52
11) bis(2-Chloroethyl)ether	6.29	93	40343	5.28	ng	# 93
12) 1,3-Dichlorobenzene	6.49	146	40203	4.68	ng	# 94
13) 1,4-Dichlorobenzene	6.57	146	148282	17.04	ng	# 95
14) 1,2-Dichlorobenzene	6.72	146	162109	20.49	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	6.84	45	113190	7.18	ng	# 59
17) 2-Methylphenol	6.99	107	16400	2.61	ng	# 91
18) Hexachloroethane	7.05	117	12319	3.99	ng	# 1
20) 3+4-Methylphenols	6.99	107	16400	2.15	ng	# 59
22) Acetophenone	6.96	105	58865	7.11	ng	# 50
27) 2,4-Dimethylphenol	7.53	122	23044	4.07	ng	# 96
30) 1,2,4-Trichlorobenzene	7.79	180	16267	3.34	ng	# 86
31) Naphthalene	7.87	128	2743076	156.33	ng	# 99
32) Benzoic acid	7.65	122	30156	8.34	ng	# 19
33) 4-Chloroaniline	7.87	127	392237	56.42	ng	# 34
35) Caprolactam	8.29	113	12804	7.80	ng	# 1
37) 2-Methylnaphthalene	8.57	142	2154637	192.60	ng	# 99
45) 1,1'-Biphenyl	9.02	154	250860	15.73	ng	# 98
47) 2-Nitroaniline	9.12	65	11265	2.79	ng	# 39
50) 2,6-Dinitrotoluene	9.29	165	7258	2.39	ng	# 1
51) Acenaphthene	9.62	154	205340	18.58	ng	# 97
53) 2,4-Dinitrophenol	9.64	184	198	6.86	ng	# 1
54) Dibenzofuran	9.79	168	149113	9.63	ng	# 75
55) 4-Nitrophenol	9.74	139	7789	2.97	ng	# 90
56) 2,4-Dinitrotoluene	9.80	165	18808	4.83	ng	# 45
57) Fluorene	10.13	166	225460	19.70	ng	# 98
59) Diethylphthalate	10.01	149	29542	2.17	ng	# 94
60) 4-Chlorophenyl-phenylether	10.14	204	228	Below Cal		# 1
65) n-Nitrosodiphenylamine	10.25	169	92718	8.65	ng	# 46
70) Phenanthrene	11.09	178	1173529	71.99	ng	# 100
71) Anthracene	11.14	178	351817	21.35	ng	# 98
72) Carbazole	11.29	167	143599	9.00	ng	# 99
74) Fluoranthene	12.27	202	800037	51.28	ng	# 98
77) Pyrene	12.49	202	706607	43.88	ng	# 99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

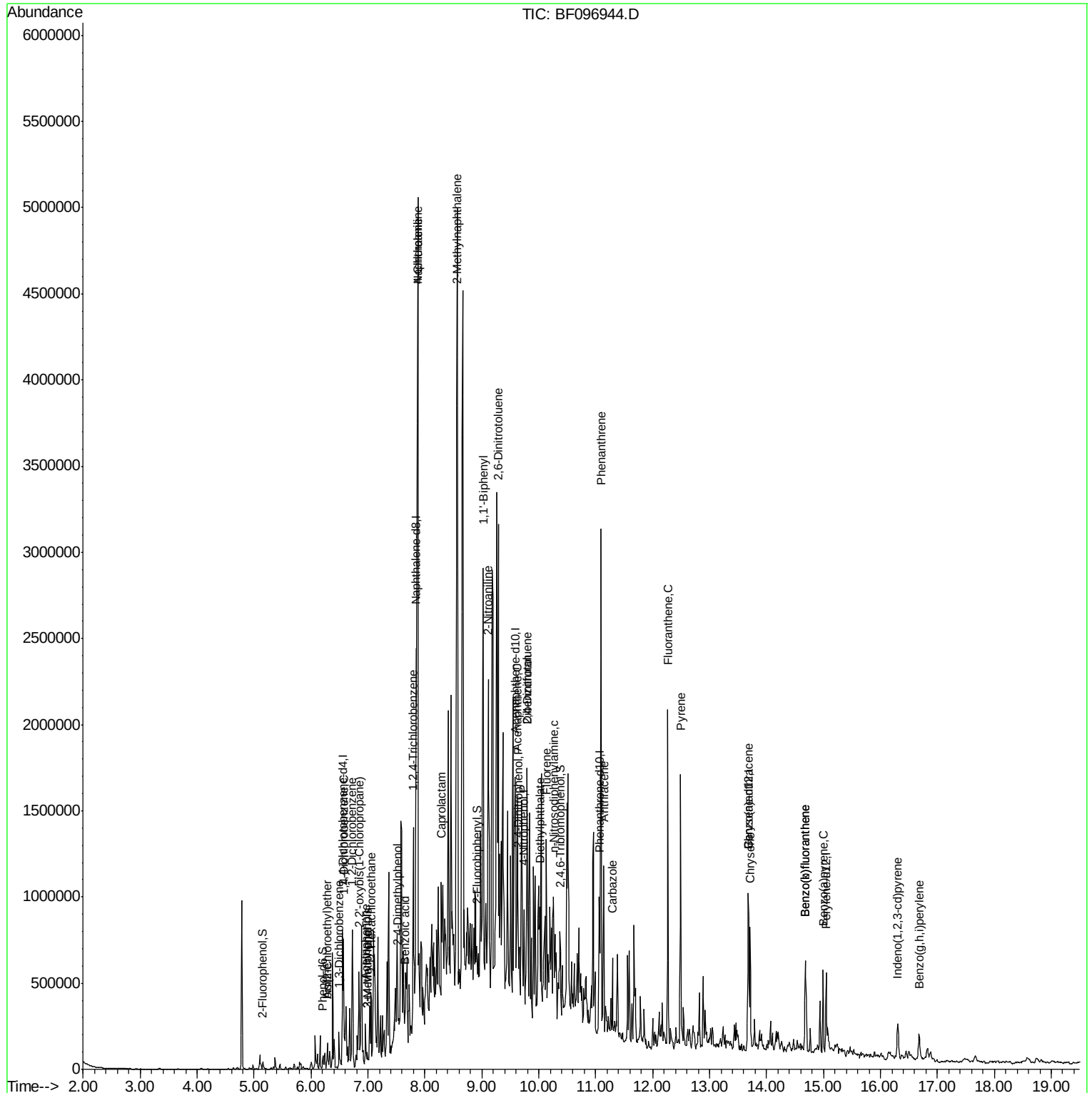
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Benzo(a)anthracene	13.67	228	274643	24.84	ng	99
82) Chrysene	13.71	228	240895	22.13	ng	96
85) Indeno(1,2,3-cd)pyrene	16.30	276	109102	13.61	ng	94
87) Benzo(b)fluoranthene	14.68	252	367535	33.05	ng	99
88) Benzo(k)fluoranthene	14.68	252	367535	34.90	ng	97
89) Benzo(a)pyrene	14.99	252	200744	19.68	ng	99
91) Benzo(g,h,i)perylene	16.68	276	94842	9.44	ng	98

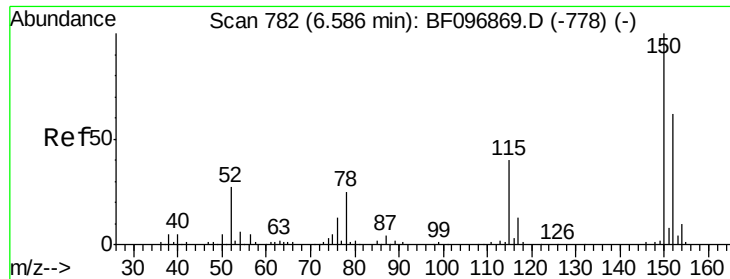
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 9 Sample Multiplier: 1

E2-07-WSW

Response via : Initial Calibration



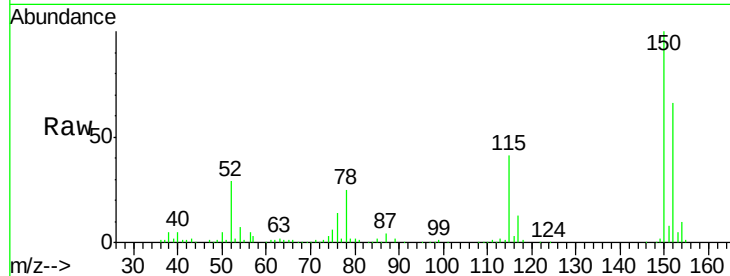


#1

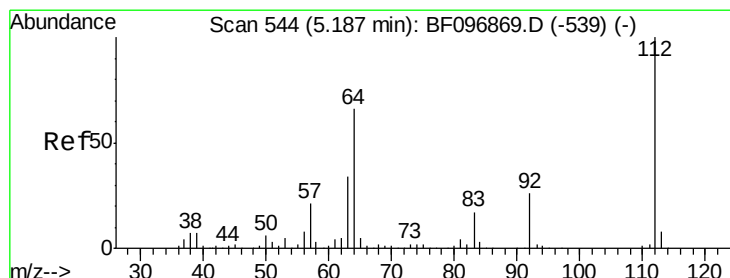
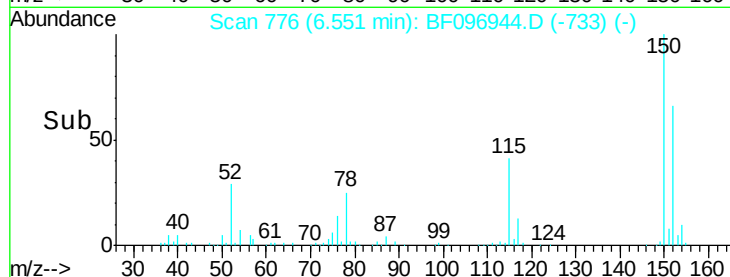
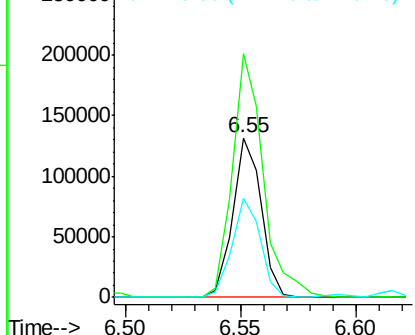
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 776
Delta R.T. -0.05 min
Lab File: BF096944.D
Acq: 21 Jul 2017 15:13

Instrument :
BNA_F
ClientSampleId :
E2-07-WSW

Tgt Ion:152 Resp: 112642
Ion Ratio Lower Upper
152 100
150 152.4 126.2 189.2
115 62.1 52.2 78.2



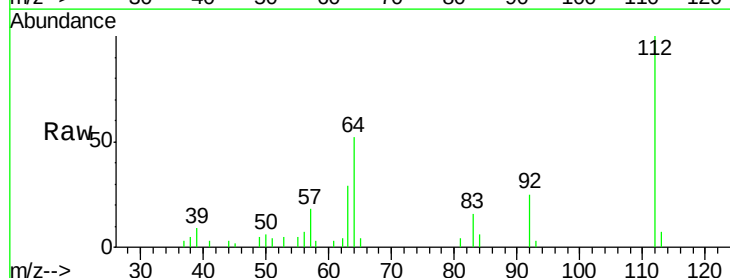
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



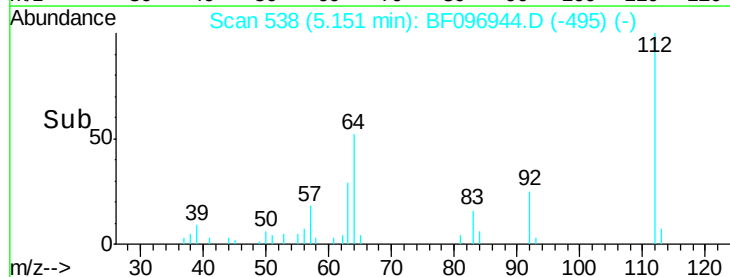
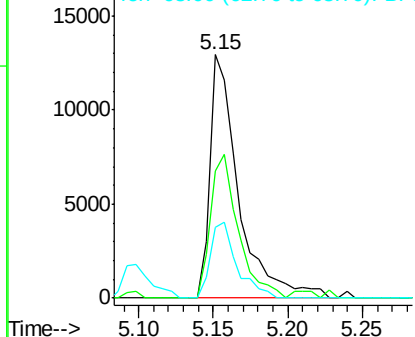
#5

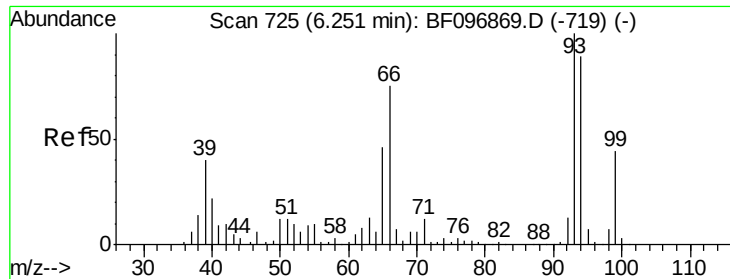
2-Fluorophenol
Concen: 2.31 ng
RT: 5.15 min Scan# 538
Delta R.T. -0.05 min
Lab File: BF096944.D
Acq: 21 Jul 2017 15:13

Tgt Ion:112 Resp: 17269
Ion Ratio Lower Upper
112 100
64 52.4 46.0 69.0
63 28.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0

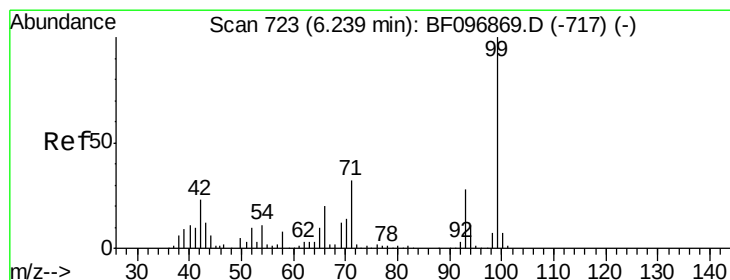
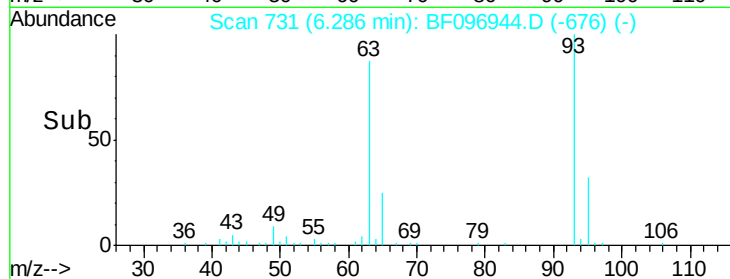
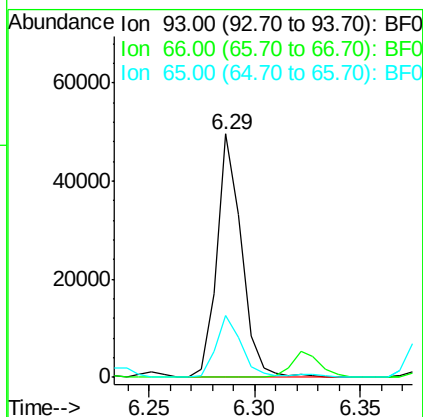
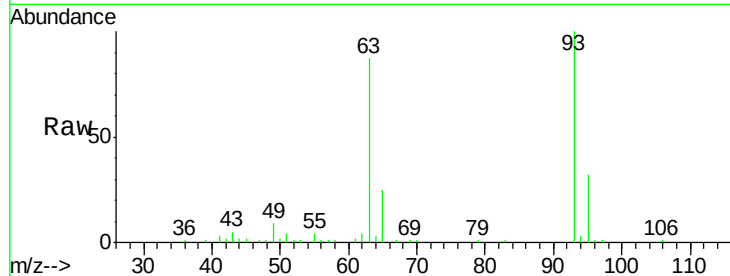




#6
Aniline
Concen: 3.64 ng
RT: 6.29 min Scan# 731
Delta R.T. 0.02 min
Lab File: BF096944.D
Acq: 21 Jul 2017 15:13

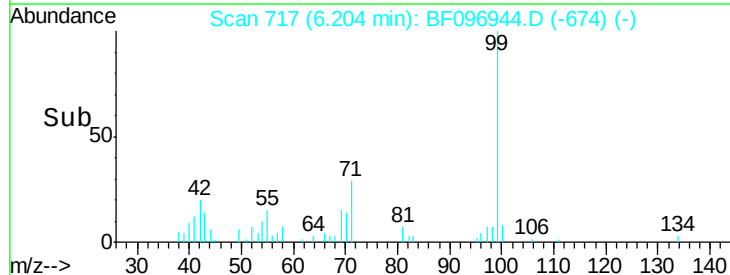
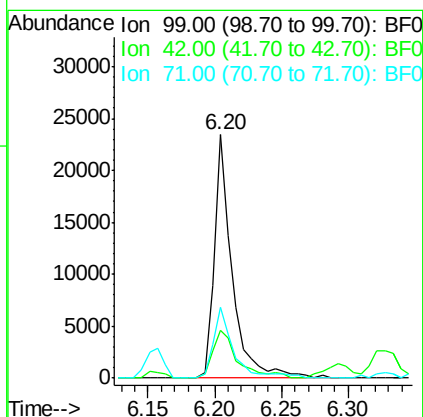
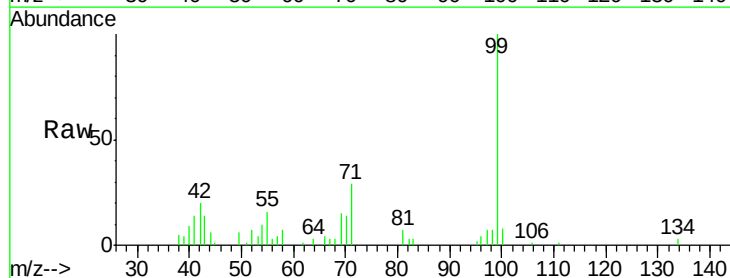
Instrument :
BNA_F
ClientSampleId :
E2-07-WSW

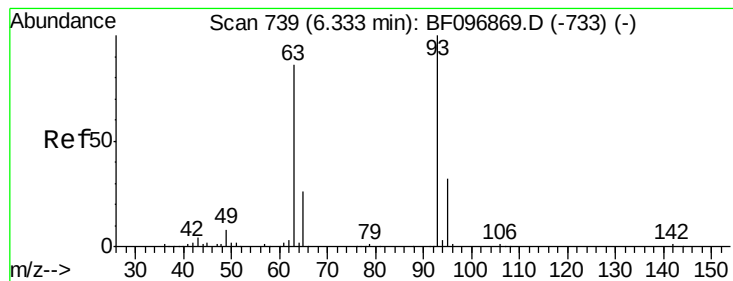
Tgt Ion: 93 Resp: 40343
Ion Ratio Lower Upper
93 100
66 0.0 32.9 49.3#
65 25.4 16.0 24.0#



#7
Phenol-d6
Concen: 2.47 ng
RT: 6.20 min Scan# 717
Delta R.T. -0.05 min
Lab File: BF096944.D
Acq: 21 Jul 2017 15:13

Tgt Ion: 99 Resp: 22165
Ion Ratio Lower Upper
99 100
42 19.7 13.5 20.3
71 29.1 24.5 36.7

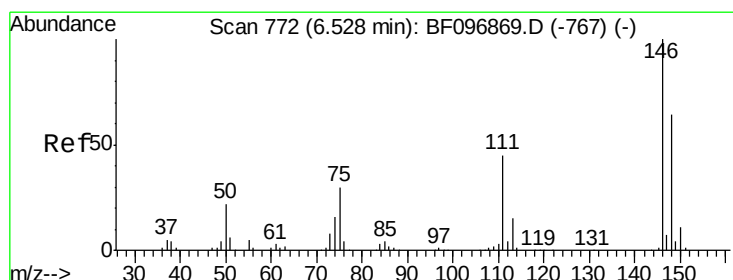
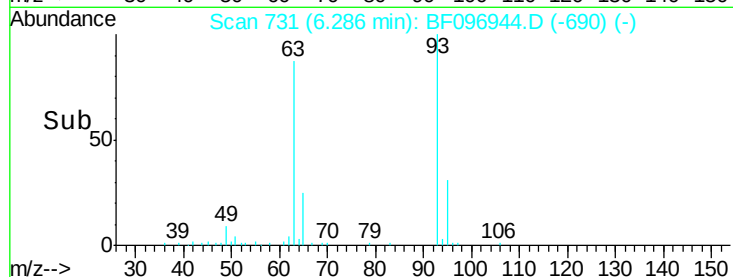
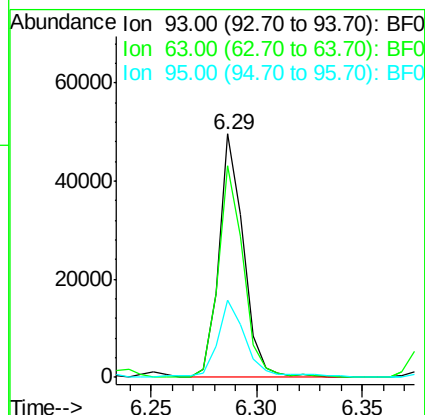
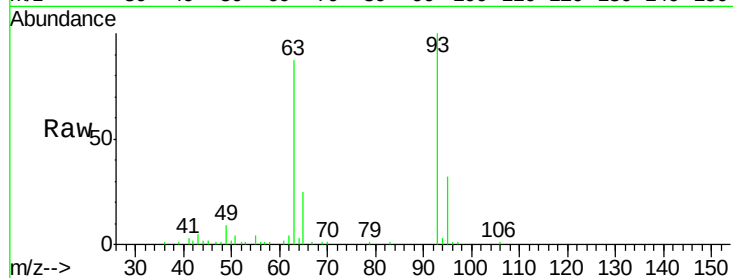




#11
bis(2-Chloroethyl)ether
Concen: 5.28 ng
RT: 6.29 min Scan# 731
Delta R.T. -0.06 min
Lab File: BF096944.D
Acq: 21 Jul 2017 15:13

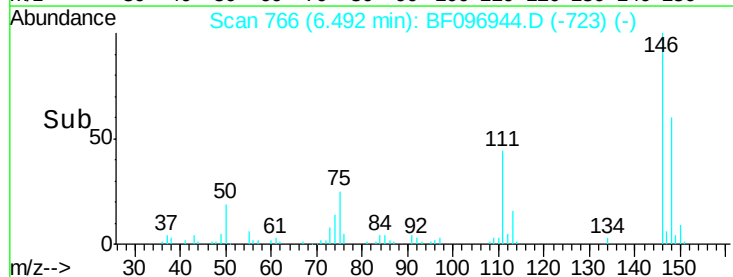
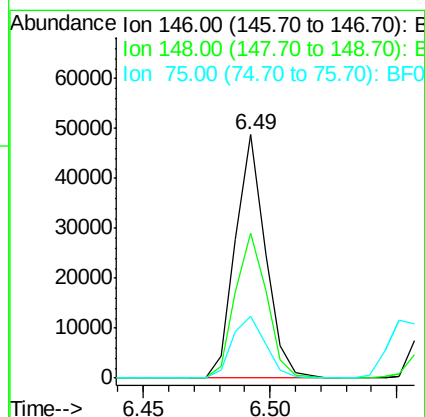
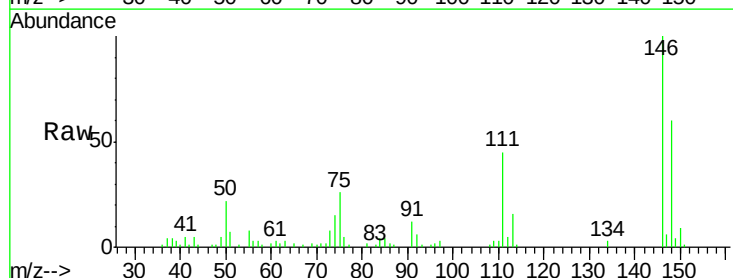
Instrument :
BNA_F
ClientSampleId :
E2-07-WSW

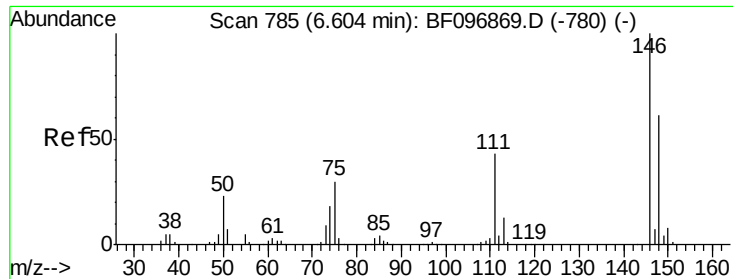
Tgt Ion: 93 Resp: 40343
Ion Ratio Lower Upper
93 100
63 86.8 59.2 99.2
95 31.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 4.68 ng
RT: 6.49 min Scan# 766
Delta R.T. -0.05 min
Lab File: BF096944.D
Acq: 21 Jul 2017 15:13

Tgt Ion: 146 Resp: 40203
Ion Ratio Lower Upper
146 100
148 59.8 51.8 77.6
75 25.6 23.1 34.7

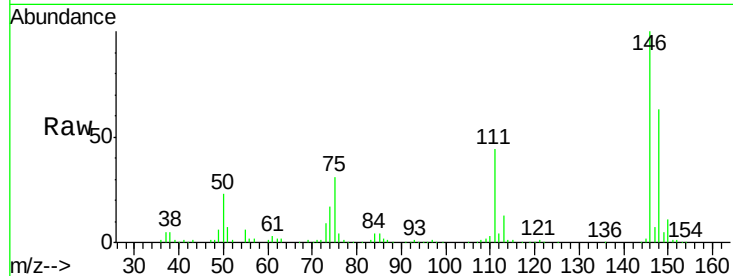




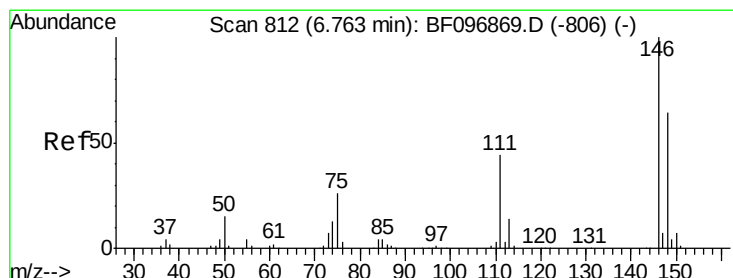
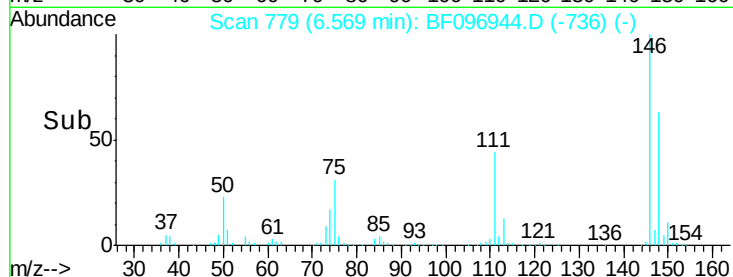
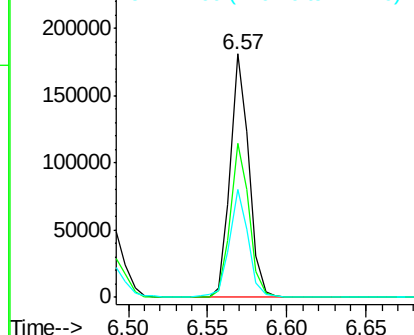
#13
 1,4-Dichlorobenzene
 Concen: 17.04 ng
 RT: 6.57 min Scan# 779
 Delta R.T. -0.05 min
 Lab File: BF096944.D
 Acq: 21 Jul 2017 15:13

Instrument :
 BNA_F
 ClientSampleId :
 E2-07-WSW

Tgt Ion:146 Resp: 148282
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.2 78.2
 111 44.4 30.3 45.5

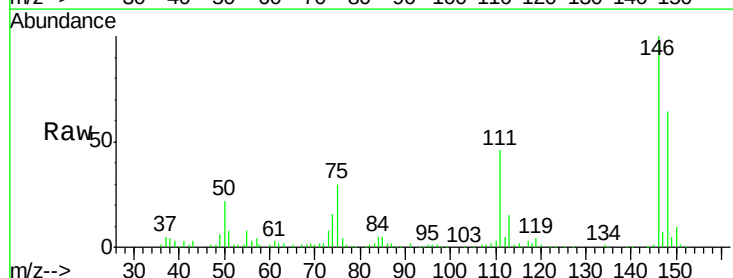


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

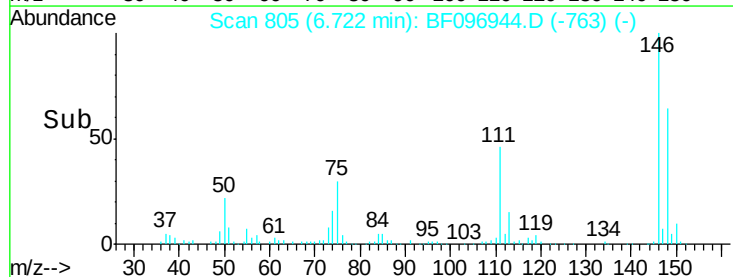
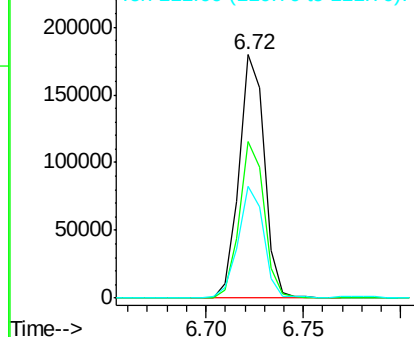


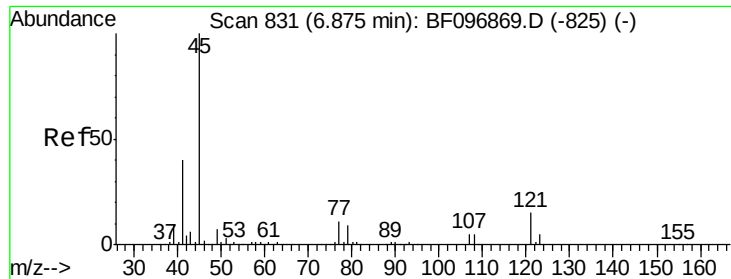
#14
 1,2-Dichlorobenzene
 Concen: 20.49 ng
 RT: 6.72 min Scan# 805
 Delta R.T. -0.05 min
 Lab File: BF096944.D
 Acq: 21 Jul 2017 15:13

Tgt Ion:146 Resp: 162109
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.4 75.6
 111 46.0 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

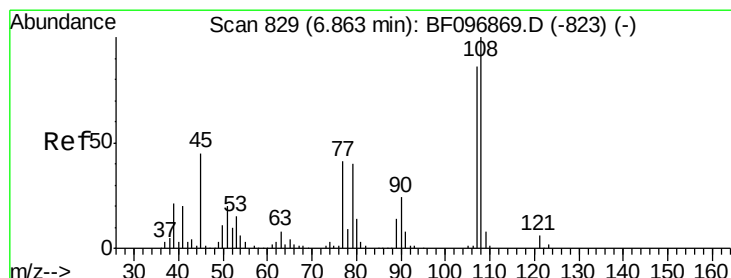
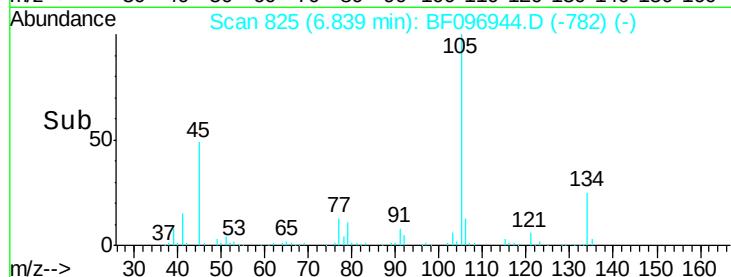
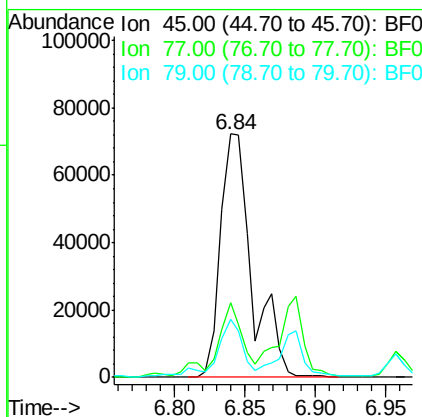
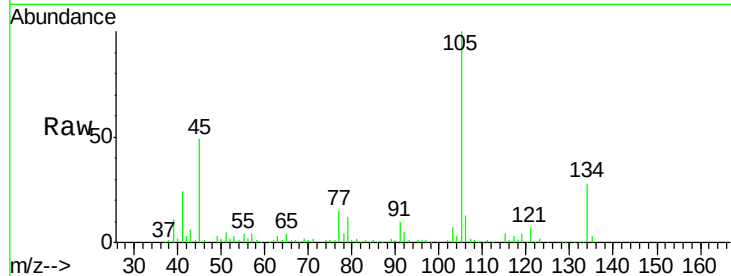




#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.18 ng
RT: 6.84 min Scan# 825
Delta R.T. -0.05 min
Lab File: BF096944.D
Acq: 21 Jul 2017 15:13

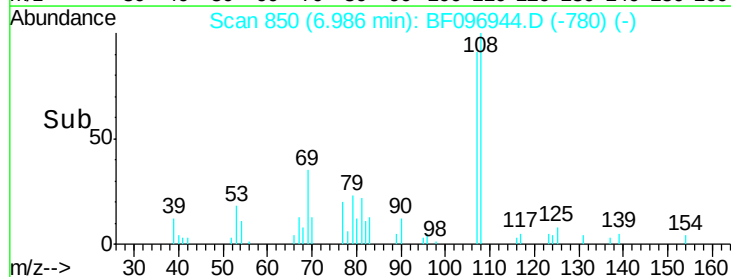
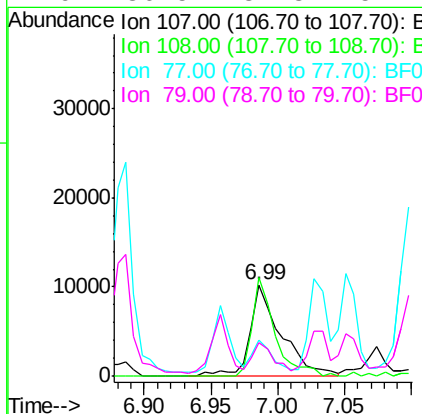
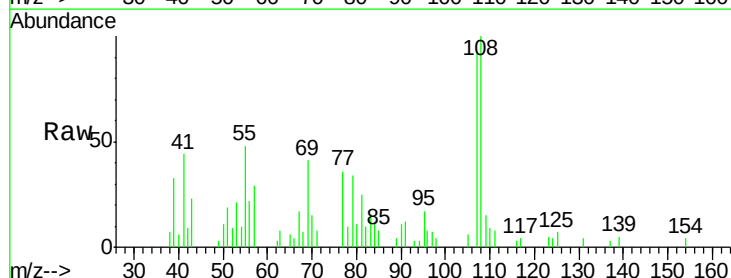
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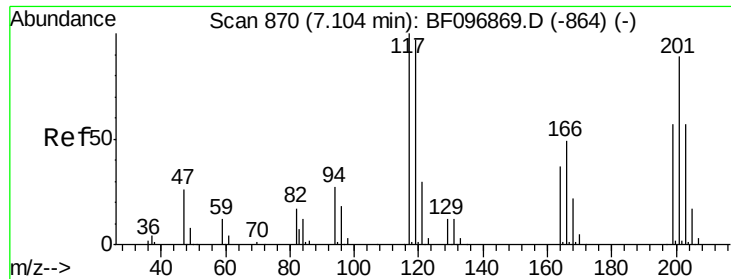
Tgt Ion: 45 Resp: 113190
Ion Ratio Lower Upper
45 100
77 30.6 0.0 33.2
79 24.1 0.0 30.0



#17
2-Methylphenol
Concen: 2.61 ng
RT: 6.99 min Scan# 850
Delta R.T. 0.11 min
Lab File: BF096944.D
Acq: 21 Jul 2017 15:13

Tgt Ion: 107 Resp: 16400
Ion Ratio Lower Upper
107 100
108 107.5 93.4 140.0
77 38.6 35.8 53.6
79 36.5 34.8 52.2

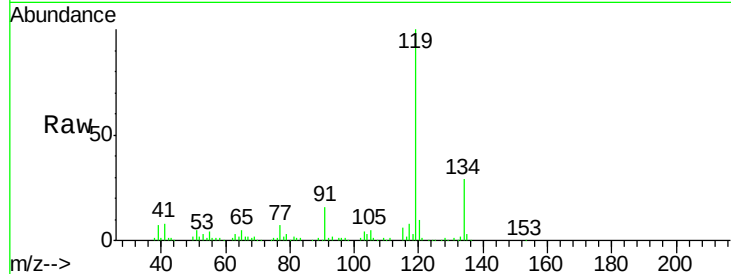




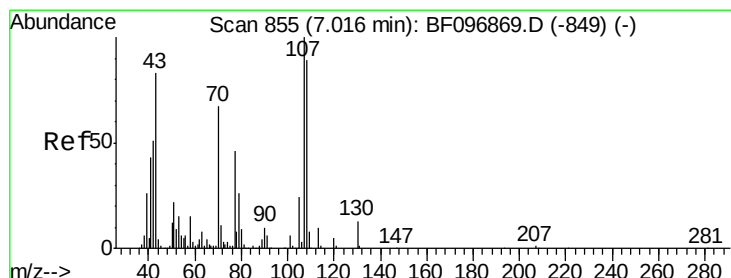
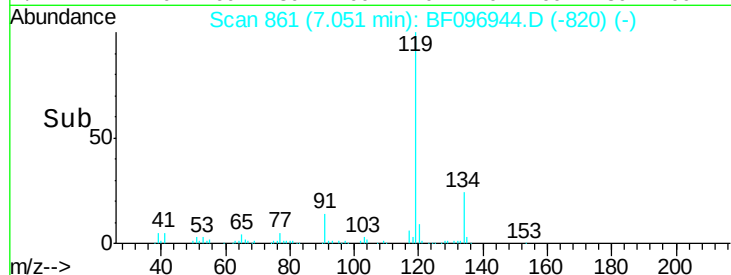
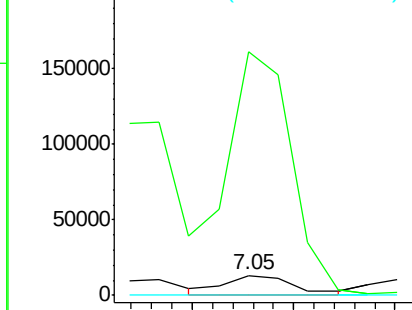
#18
Hexachloroethane
Concen: 3.99 ng
RT: 7.05 min Scan# 861
Delta R.T. -0.06 min
Lab File: BF096944.D
Acq: 21 Jul 2017 15:13

Instrument :
BNA_F
ClientSampleId :
E2-07-WSW

Tgt Ion:117 Resp: 12319
Ion Ratio Lower Upper
117 100
119 1234.4 77.4 116.0#
201 0.0 94.6 141.8#

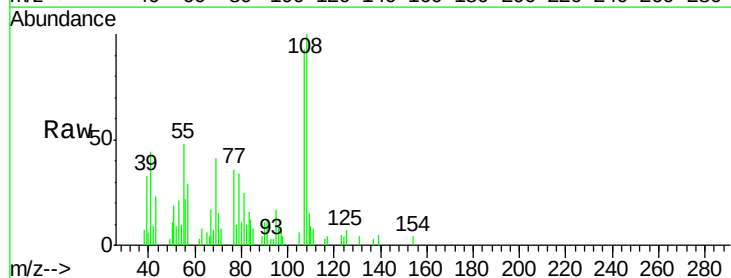


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

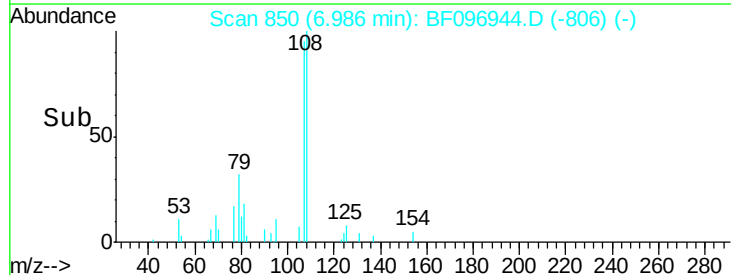
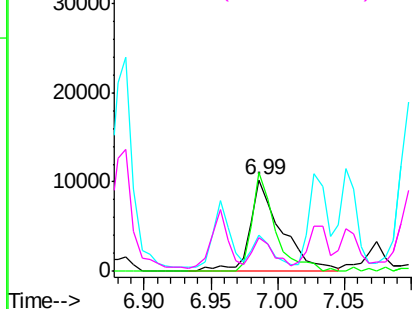


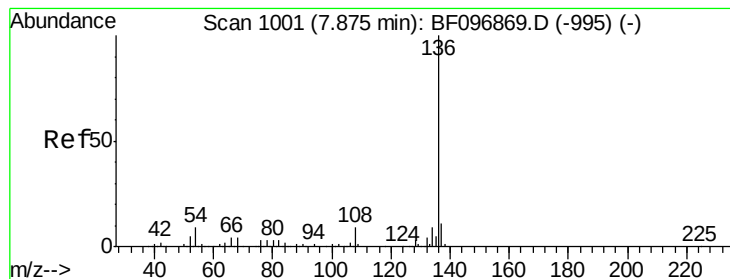
#20
3+4-Methylphenols
Concen: 2.15 ng
RT: 6.99 min Scan# 850
Delta R.T. -0.04 min
Lab File: BF096944.D
Acq: 21 Jul 2017 15:13

Tgt Ion:107 Resp: 16400
Ion Ratio Lower Upper
107 100
108 107.5 71.0 111.0
77 38.6 90.5 130.5#
79 36.5 8.4 48.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 995

Delta R.T. -0.05 min

Lab File: BF096944.D

Acq: 21 Jul 2017 15:13

Instrument :

BNA_F

ClientSampleId :

E2-07-WSW

Tgt Ion:136 Resp: 370410

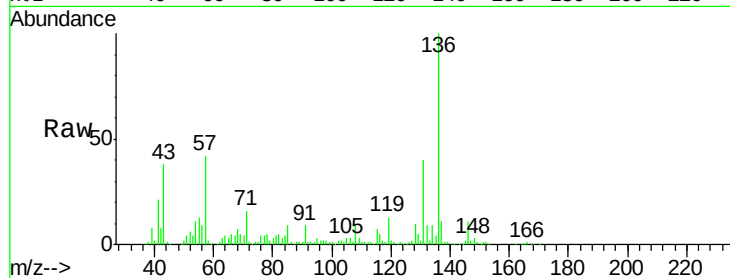
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 11.3 4.9 7.3#

68 6.7 4.1 6.1#

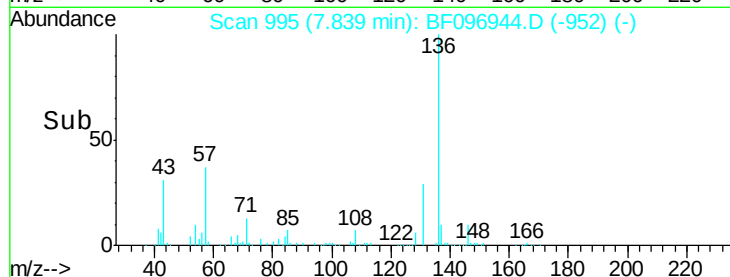


Abundance Ion 136.00 (135.70 to 136.70): E

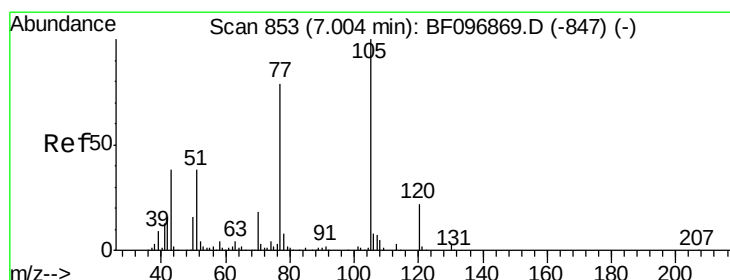
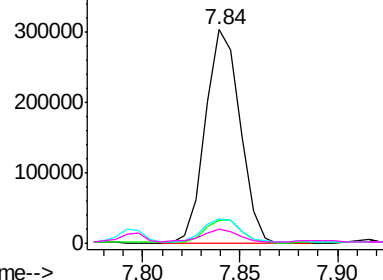
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 7.11 ng

RT: 6.96 min Scan# 845

Delta R.T. -0.06 min

Lab File: BF096944.D

Acq: 21 Jul 2017 15:13

Tgt Ion:105 Resp: 58865

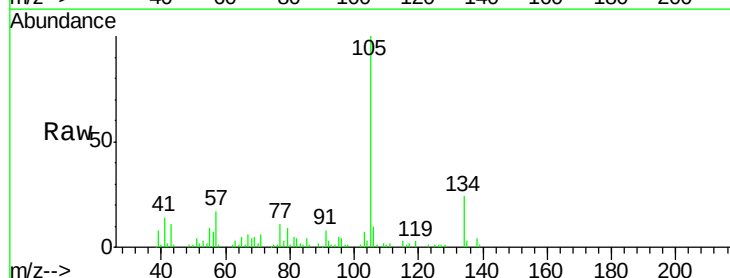
Ion Ratio Lower Upper

105 100

71 6.5 2.8 4.2#

51 4.2 30.7 46.1#

120 0.0 17.4 26.0#

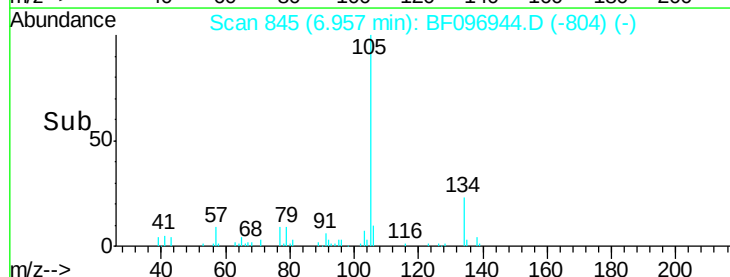


Abundance Ion 105.00 (104.70 to 105.70): E

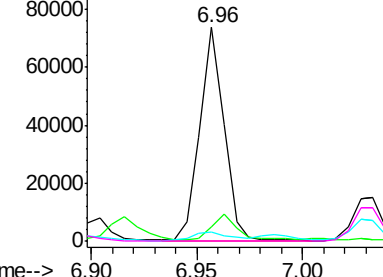
Ion 71.00 (70.70 to 71.70): BF0

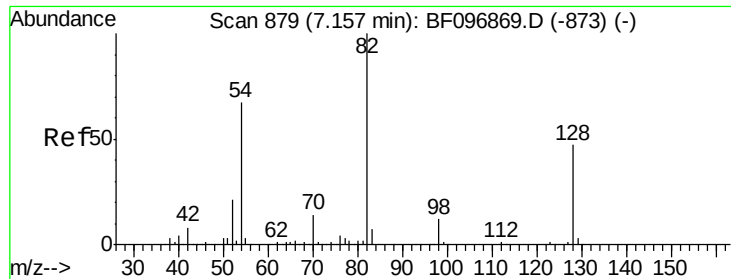
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

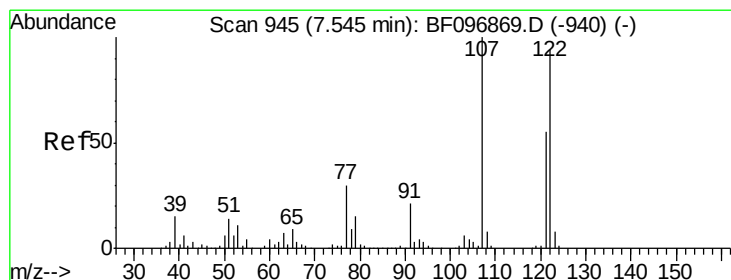
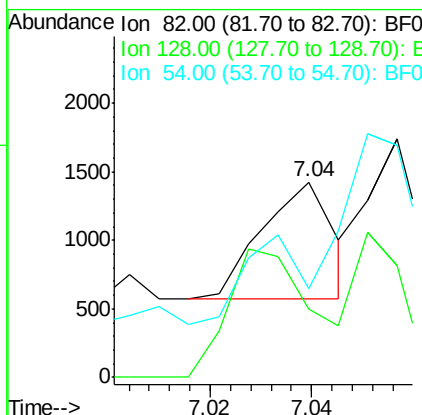
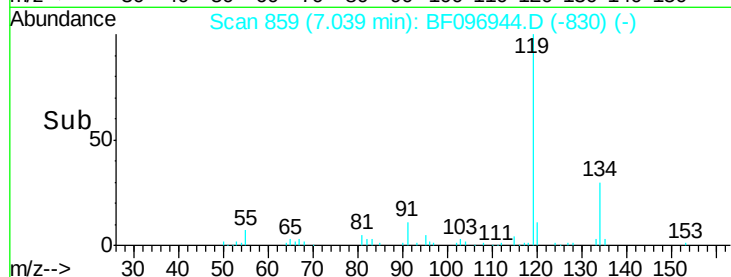
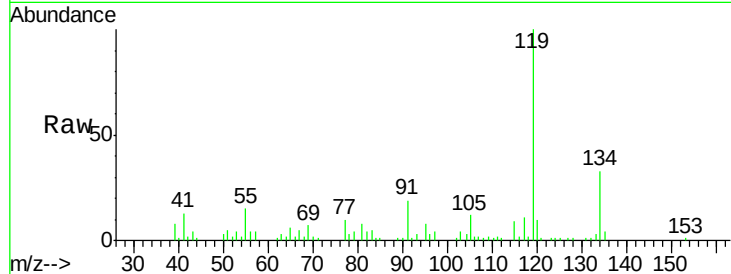




#23
 Nitrobenzene-d5
 Concen: 0.14 ng
 RT: 7.04 min Scan# 859
 Delta R.T. -0.13 min
 Lab File: BF096944.D
 Acq: 21 Jul 2017 15:13

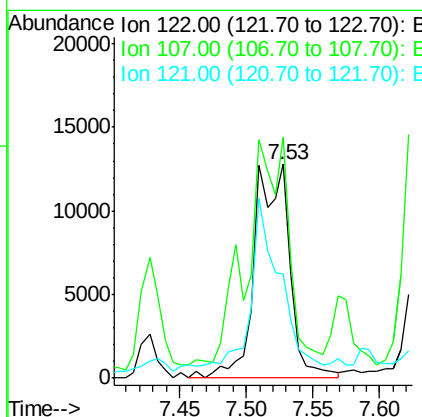
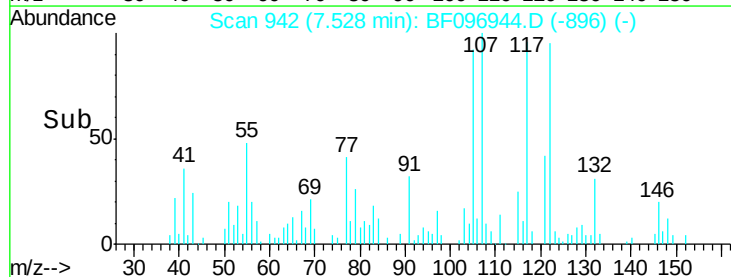
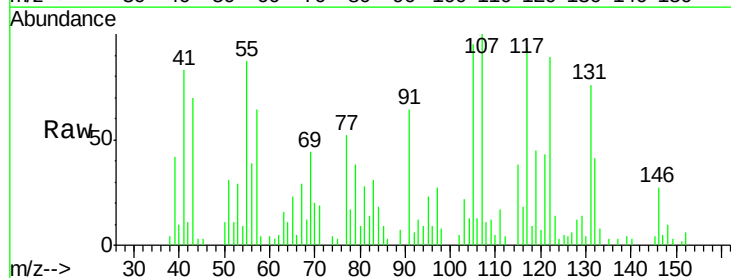
Instrument :
 BNA_F
 ClientSampleId :
 E2-07-WSW

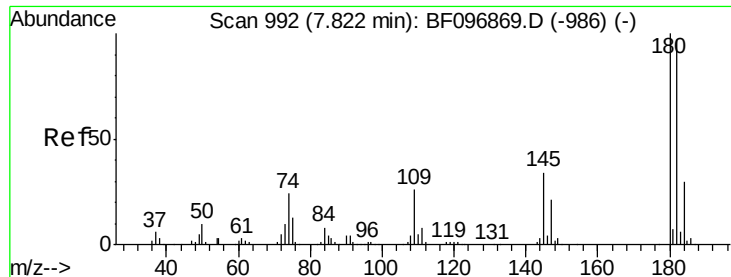
Tgt Ion: 82 Resp: 833
 Ion Ratio Lower Upper
 82 100
 128 34.7 34.0 51.0
 54 45.9 42.2 63.2



#27
 2,4-Dimethylphenol
 Concen: 4.07 ng
 RT: 7.53 min Scan# 942
 Delta R.T. -0.03 min
 Lab File: BF096944.D
 Acq: 21 Jul 2017 15:13

Tgt Ion: 122 Resp: 23044
 Ion Ratio Lower Upper
 122 100
 107 112.9 89.2 133.8
 121 48.7 45.2 67.8

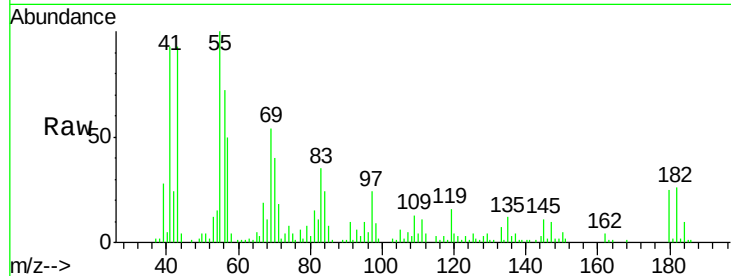




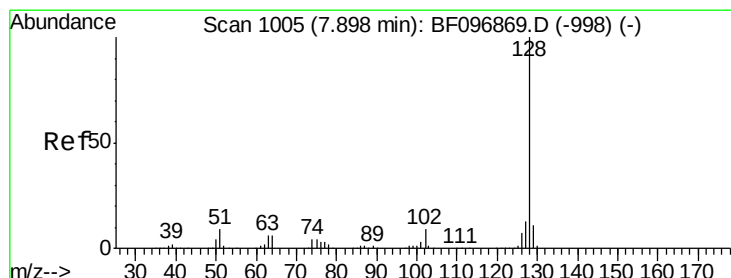
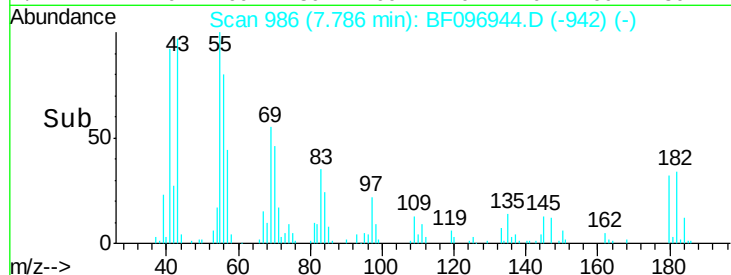
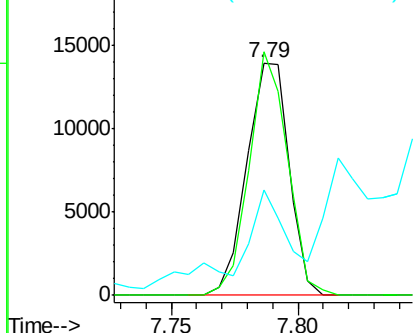
#30
 1,2,4-Trichlorobenzene
 Concen: 3.34 ng
 RT: 7.79 min Scan# 986
 Delta R.T. -0.04 min
 Lab File: BF096944.D
 Acq: 21 Jul 2017 15:13

Instrument :
 BNA_F
 ClientSampleId :
 E2-07-WSW

Tgt Ion:180 Resp: 16267
 Ion Ratio Lower Upper
 180 100
 182 104.8 75.8 113.6
 145 45.5 25.3 37.9#

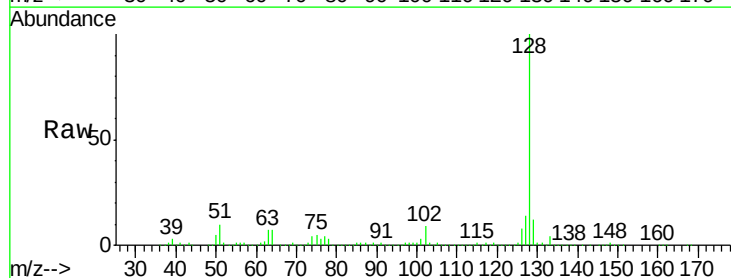


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

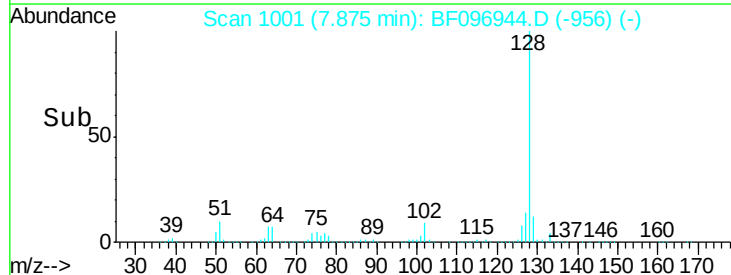
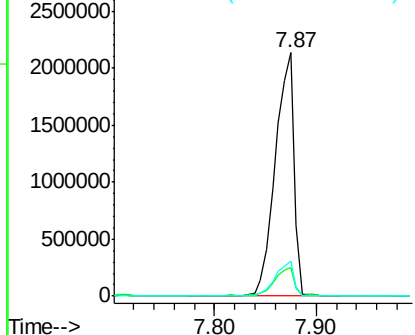


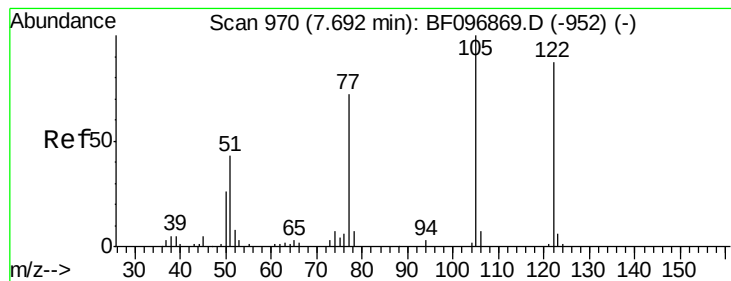
#31
 Naphthalene
 Concen: 156.33 ng
 RT: 7.87 min Scan# 1001
 Delta R.T. -0.04 min
 Lab File: BF096944.D
 Acq: 21 Jul 2017 15:13

Tgt Ion:128 Resp: 2743076
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.0 13.6
 127 14.2 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: 8.34 ng

RT: 7.65 min Scan# 962

Delta R.T. -0.06 min

Lab File: BF096944.D

Acq: 21 Jul 2017 15:13

Instrument :

BNA_F

ClientSampleId :

E2-07-WSW

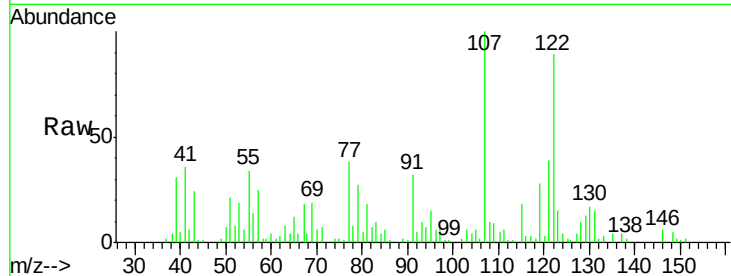
Tgt Ion:122 Resp: 30156

Ion Ratio Lower Upper

122 100

105 7.2 103.3 143.3#

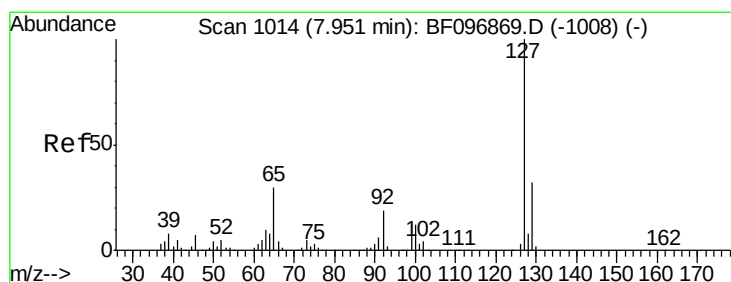
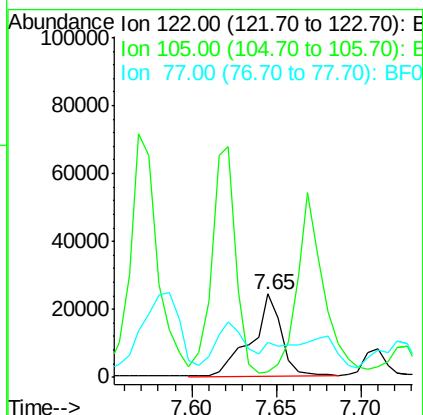
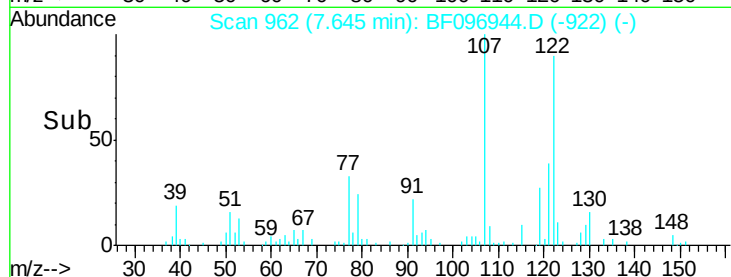
77 42.3 73.7 113.7#



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: 56.42 ng

RT: 7.87 min Scan# 1001

Delta R.T. -0.09 min

Lab File: BF096944.D

Acq: 21 Jul 2017 15:13

Tgt Ion:127 Resp: 392237

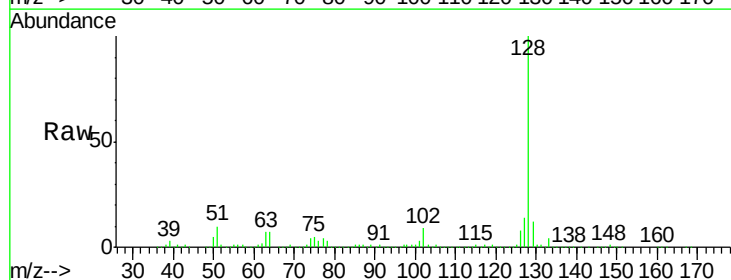
Ion Ratio Lower Upper

127 100

129 81.5 26.2 39.2#

65 0.0 27.8 41.8#

92 0.6 16.8 25.2#

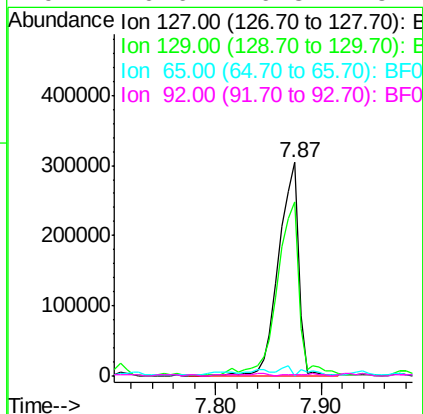
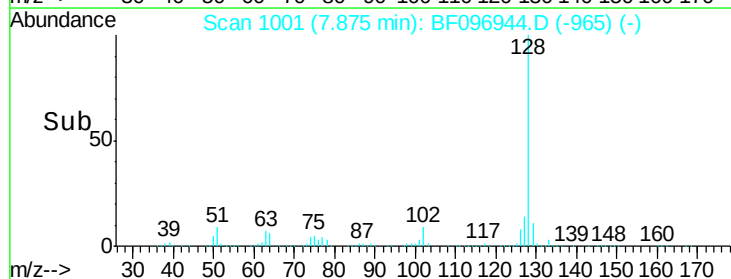


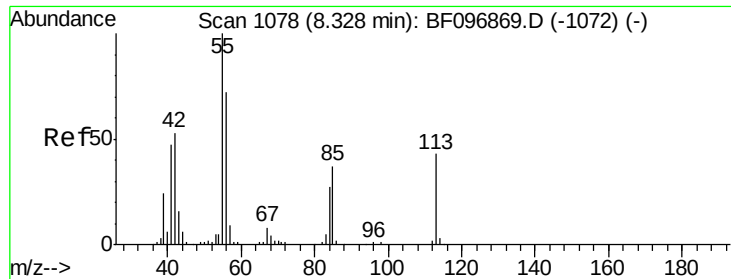
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#35

Caprolactam

Concen: 7.80 ng

RT: 8.29 min Scan# 1071

Delta R.T. -0.06 min

Lab File: BF096944.D

Acq: 21 Jul 2017 15:13

Instrument :

BNA_F

ClientSampleId :

E2-07-WSW

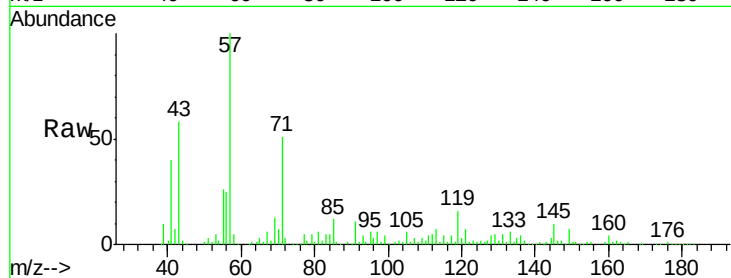
Tgt Ion:113 Resp: 12804

Ion Ratio Lower Upper

113 100

55 380.3 150.2 190.2#

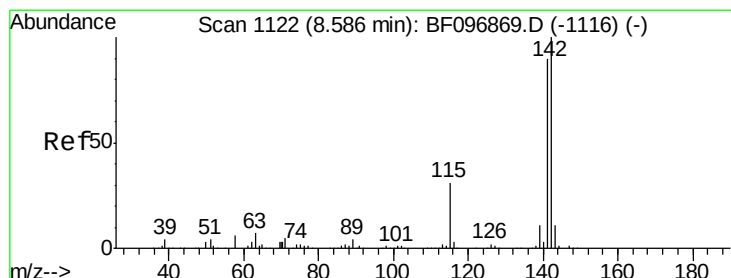
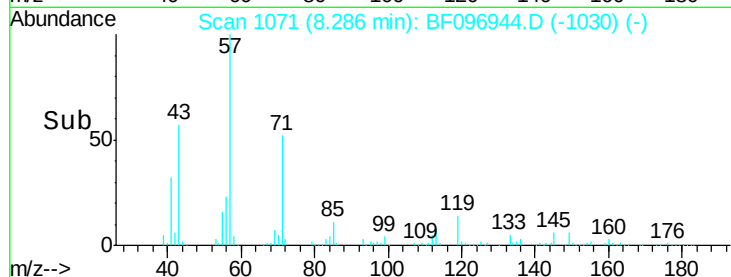
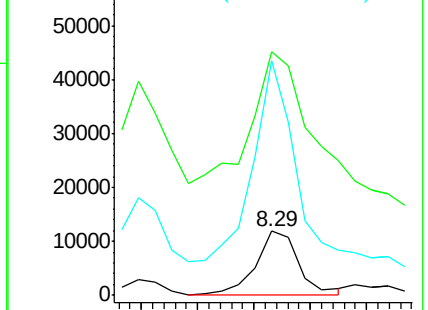
56 367.2 107.8 147.8#



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



#37

2-Methylnaphthalene

Concen: 192.60 ng

RT: 8.57 min Scan# 1119

Delta R.T. -0.03 min

Lab File: BF096944.D

Acq: 21 Jul 2017 15:13

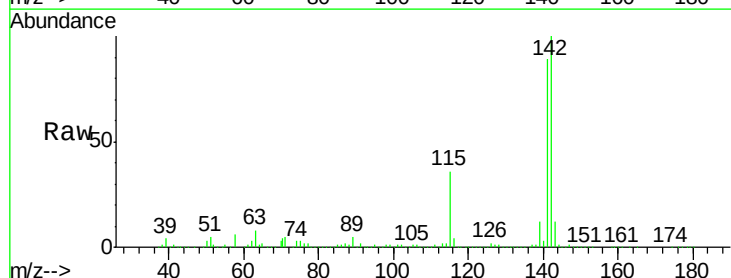
Tgt Ion:142 Resp: 2154637

Ion Ratio Lower Upper

142 100

141 89.3 71.3 106.9

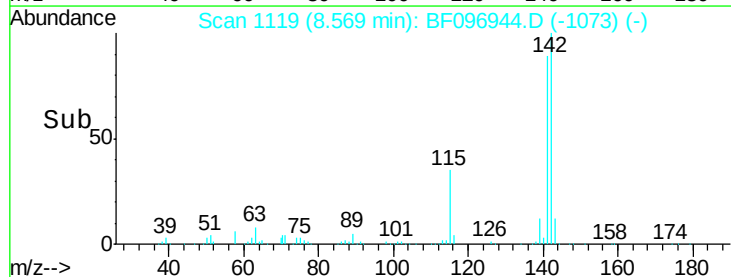
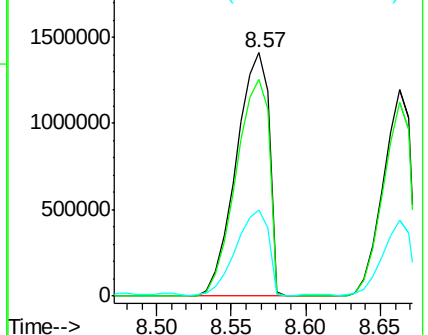
115 35.5 27.1 40.7

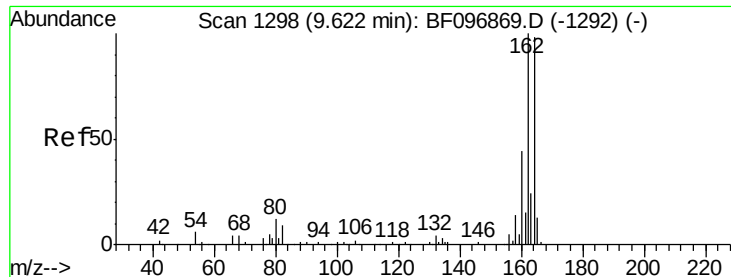


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

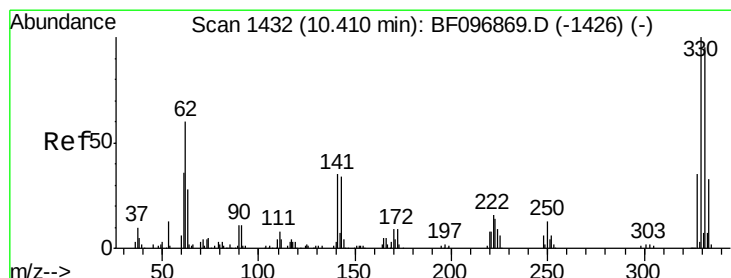
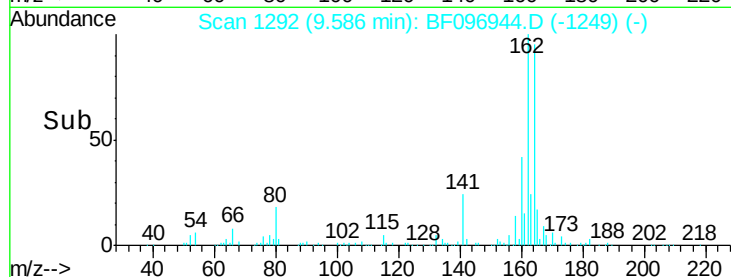
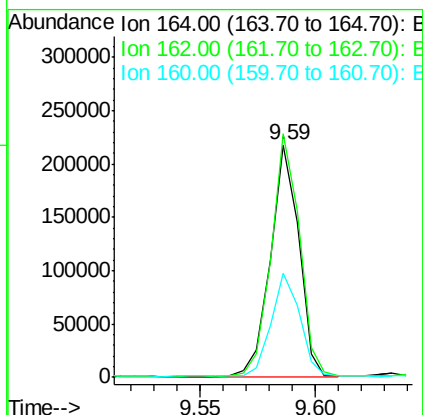
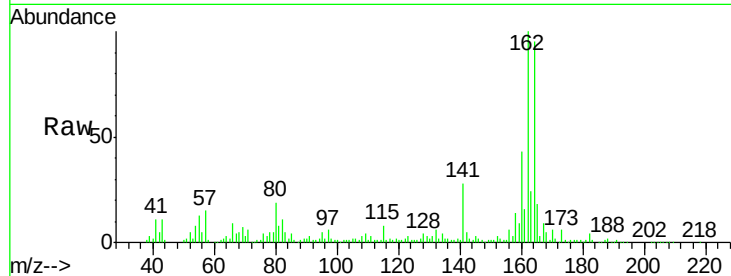




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 1292
 Delta R.T. -0.05 min
 Lab File: BF096944.D
 Acq: 21 Jul 2017 15:13

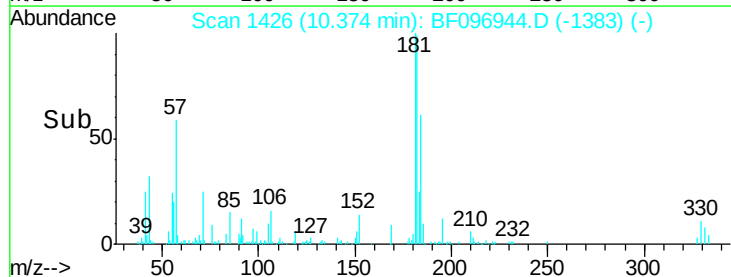
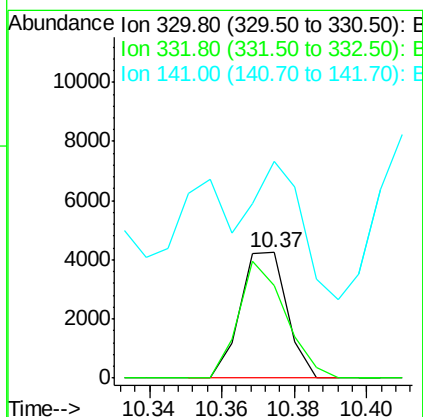
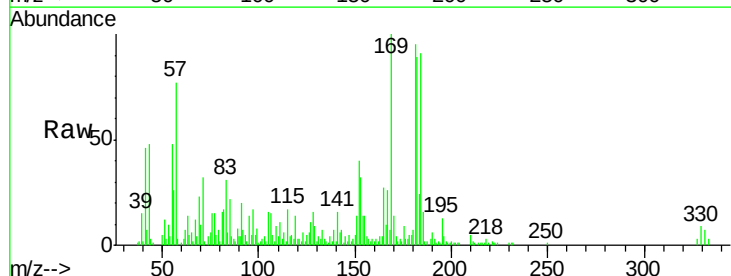
Instrument :
 BNA_F
 ClientSampleId :
 E2-07-WSW

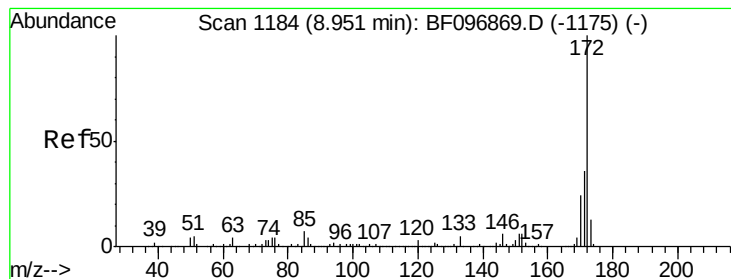
Tgt Ion:164 Resp: 185902
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.6 123.8
 160 44.8 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 2.42 ng
 RT: 10.37 min Scan# 1426
 Delta R.T. -0.05 min
 Lab File: BF096944.D
 Acq: 21 Jul 2017 15:13

Tgt Ion:330 Resp: 3834
 Ion Ratio Lower Upper
 330 100
 332 93.4 76.6 115.0
 141 114.0 31.4 47.2#





#44

2-Fluorobiphenyl

Concen: 2.05 ng

RT: 8.92 min Scan# 1178

Delta R.T. -0.05 min

Lab File: BF096944.D

Acq: 21 Jul 2017 15:13

Instrument :

BNA_F

ClientSampleId :

E2-07-WSW

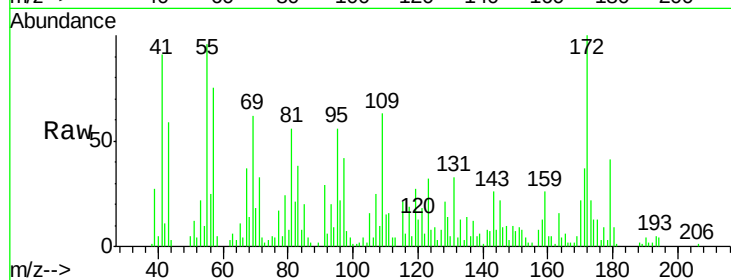
Tgt Ion:172 Resp: 24130

Ion Ratio Lower Upper

172 100

171 37.1 29.6 44.4

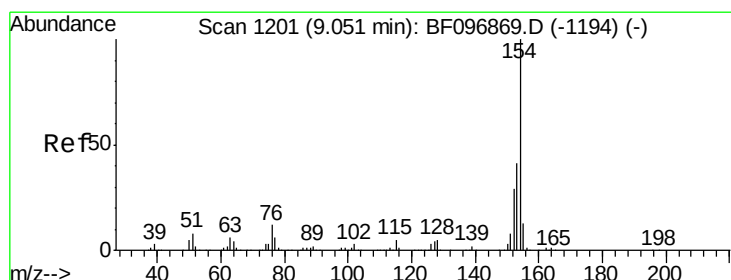
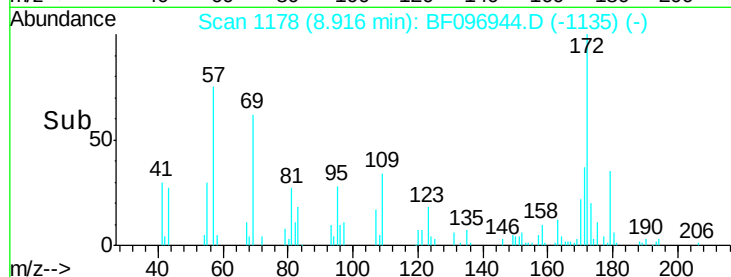
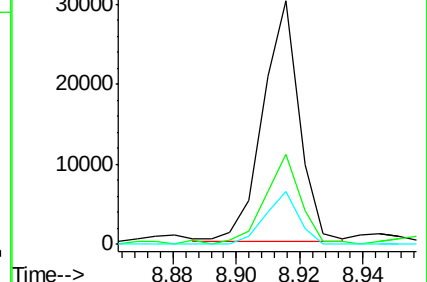
170 21.7 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 15.73 ng

RT: 9.02 min Scan# 1195

Delta R.T. -0.05 min

Lab File: BF096944.D

Acq: 21 Jul 2017 15:13

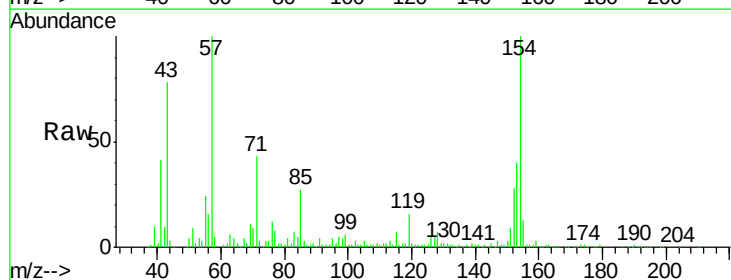
Tgt Ion:154 Resp: 250860

Ion Ratio Lower Upper

154 100

153 40.2 21.2 61.2

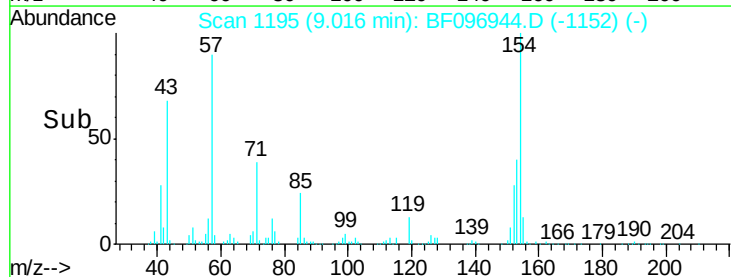
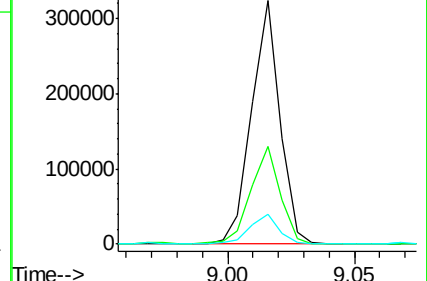
76 12.1 0.0 29.9

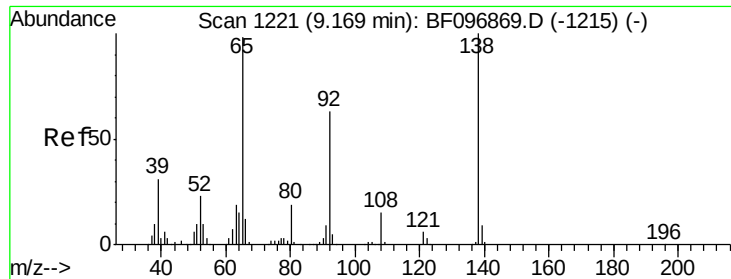


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

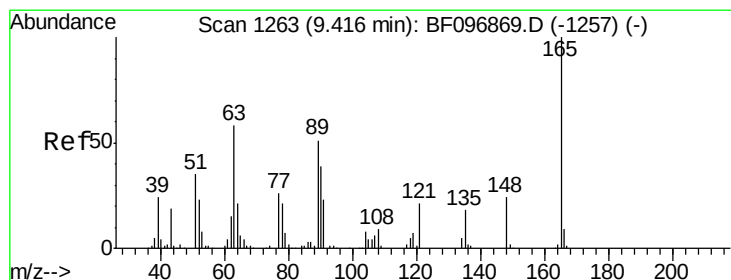
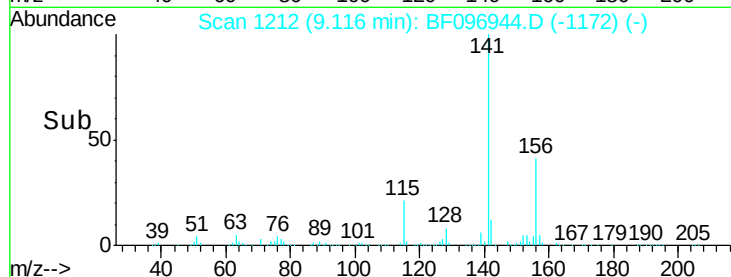
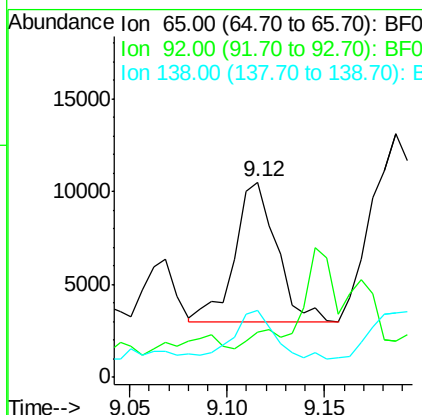
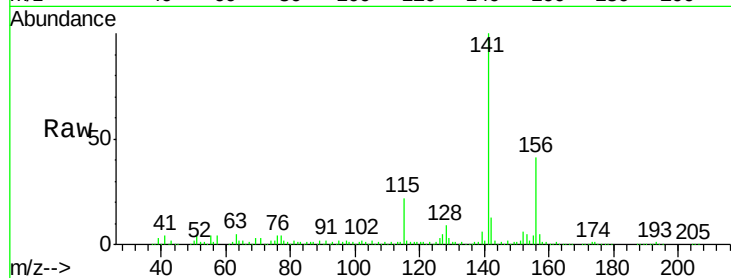




#47
 2-Nitroaniline
 Concen: 2.79 ng
 RT: 9.12 min Scan# 1212
 Delta R.T. -0.06 min
 Lab File: BF096944.D
 Acq: 21 Jul 2017 15:13

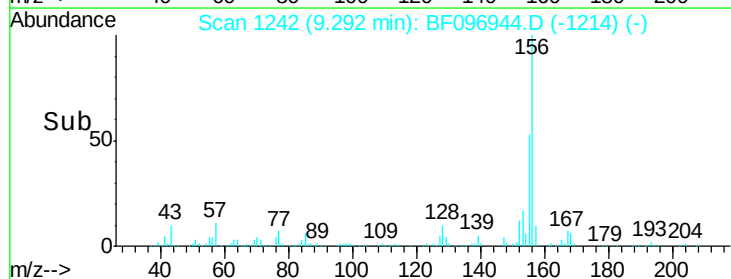
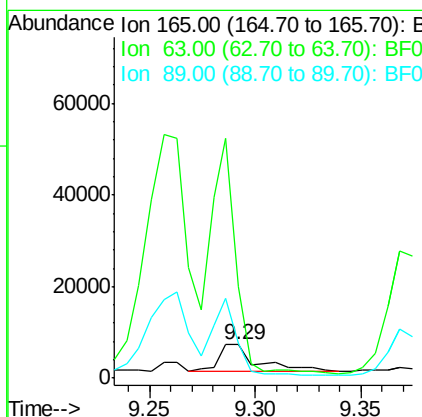
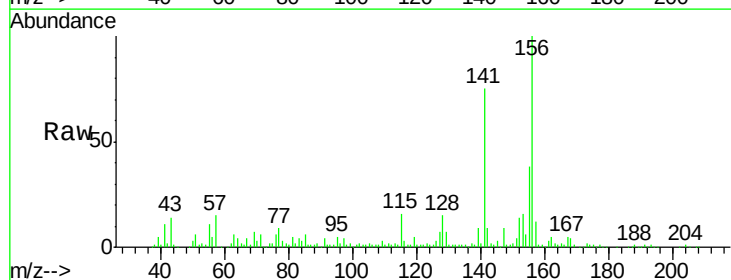
Instrument :
 BNA_F
 ClientSampleId :
 E2-07-WSW

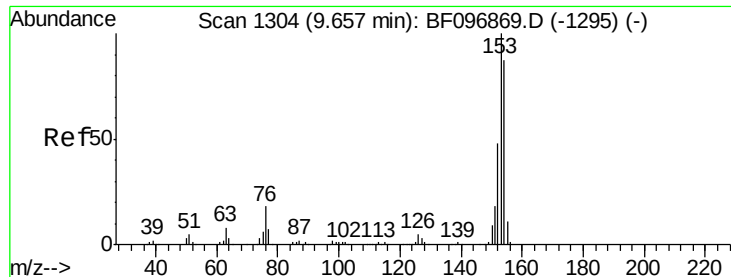
Tgt Ion: 65 Resp: 11265
 Ion Ratio Lower Upper
 65 100
 92 23.0 53.9 80.9#
 138 34.4 78.8 118.2#



#50
 2,6-Dinitrotoluene
 Concen: 2.39 ng
 RT: 9.29 min Scan# 1242
 Delta R.T. -0.14 min
 Lab File: BF096944.D
 Acq: 21 Jul 2017 15:13

Tgt Ion: 165 Resp: 7258
 Ion Ratio Lower Upper
 165 100
 63 275.9 34.3 51.5#
 89 106.2 37.1 55.7#





#51

Acenaphthene

Concen: 18.58 ng

RT: 9.62 min Scan# 1298

Delta R.T. -0.05 min

Lab File: BF096944.D

Acq: 21 Jul 2017 15:13

Instrument :

BNA_F

ClientSampleId :

E2-07-WSW

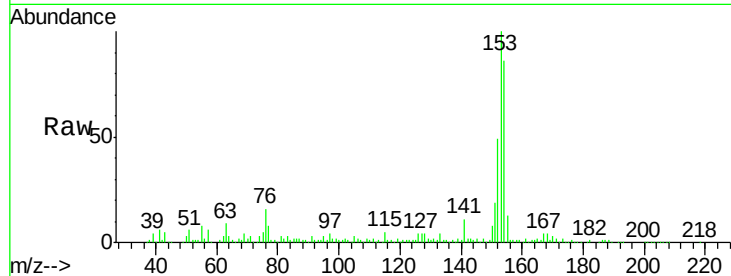
Tgt Ion:154 Resp: 205340

Ion Ratio Lower Upper

154 100

153 116.2 90.5 135.7

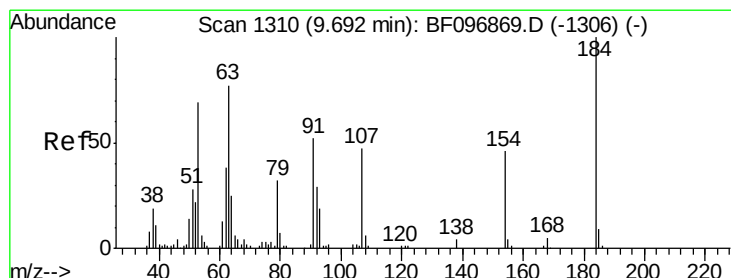
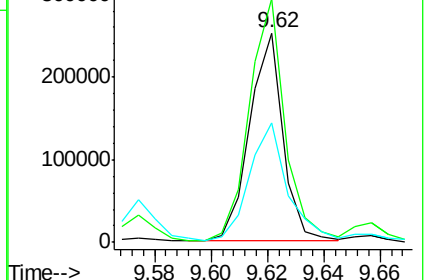
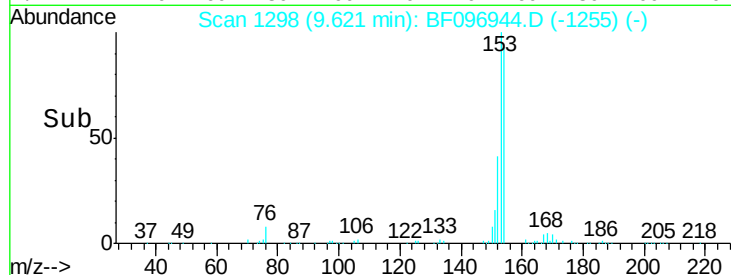
152 57.0 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

2,4-Dinitrophenol

Concen: 6.86 ng

RT: 9.64 min Scan# 1301

Delta R.T. -0.06 min

Lab File: BF096944.D

Acq: 21 Jul 2017 15:13

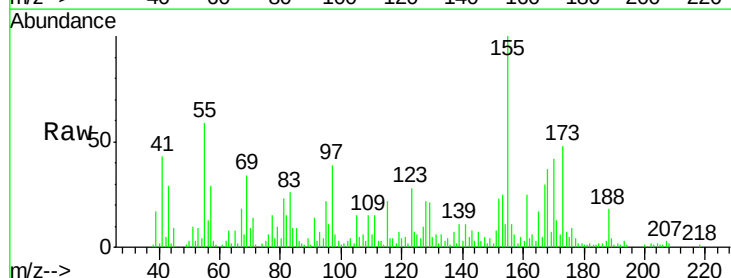
Tgt Ion:184 Resp: 198

Ion Ratio Lower Upper

184 100

63 806.1 62.7 94.1#

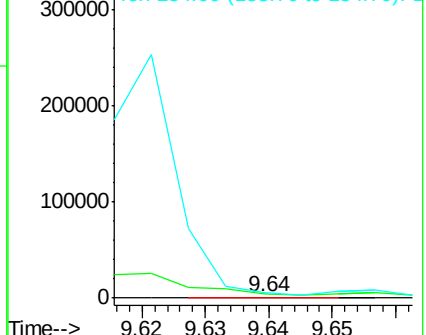
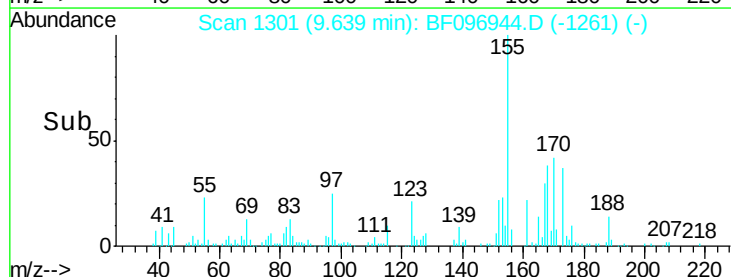
154 1082.4 81.1 121.7#

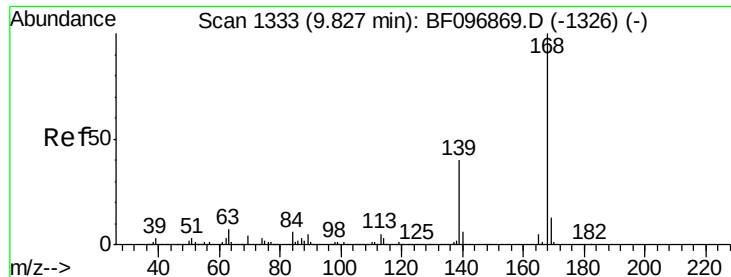


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

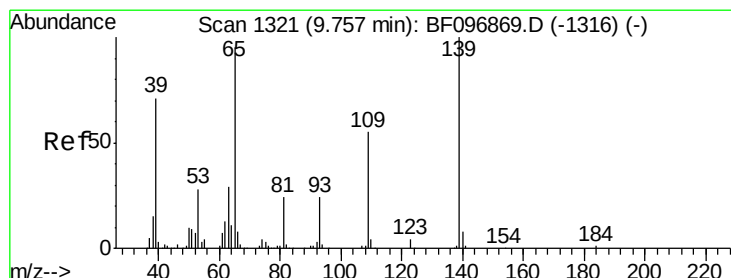
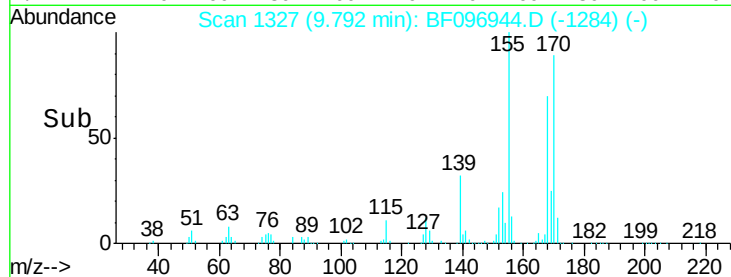
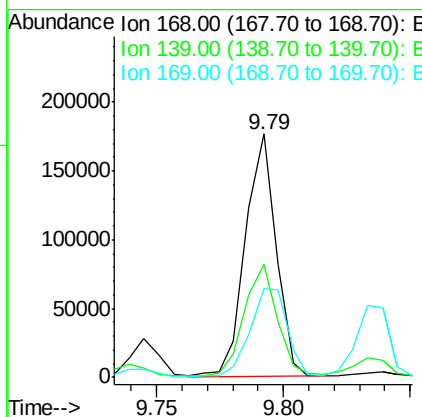
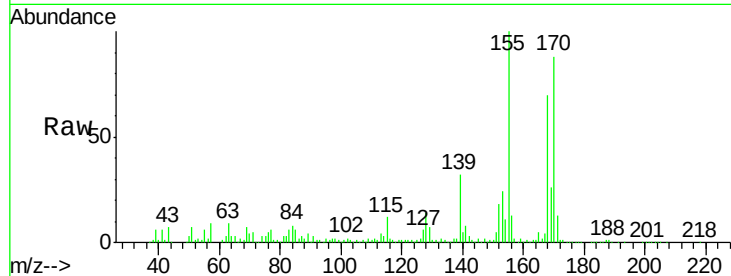




#54
 Dibenzofuran
 Concen: 9.63 ng
 RT: 9.79 min Scan# 1327
 Delta R.T. -0.05 min
 Lab File: BF096944.D
 Acq: 21 Jul 2017 15:13

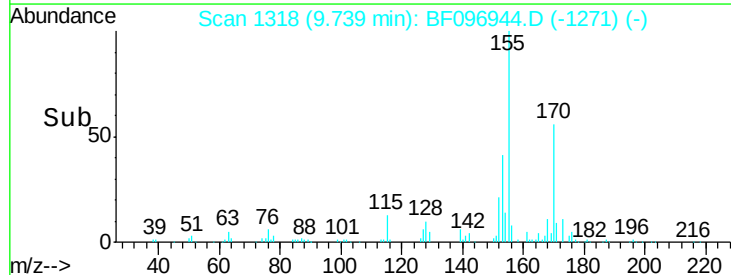
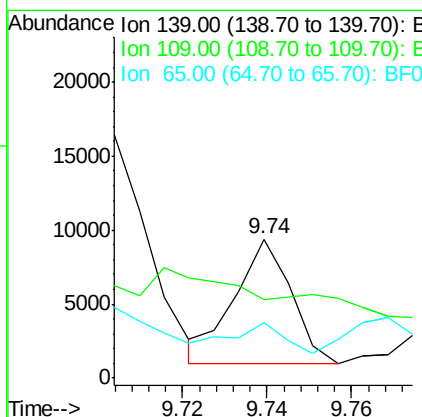
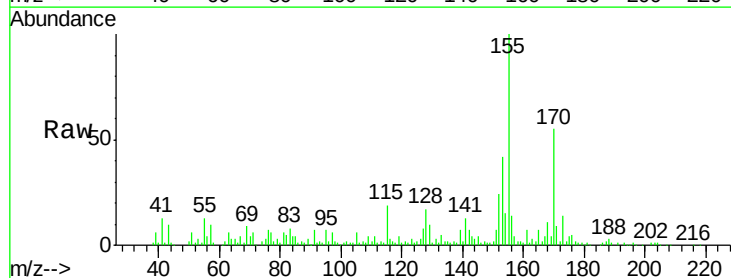
Instrument :
 BNA_F
 ClientSampleId :
 E2-07-WSW

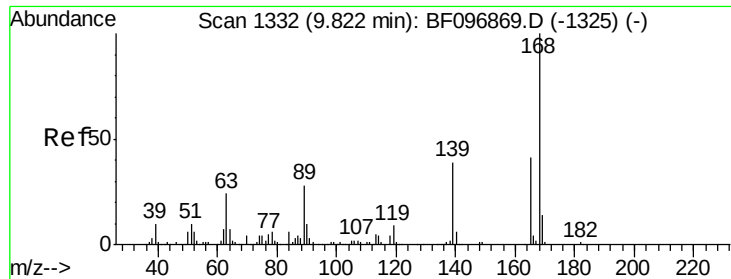
Tgt Ion:168 Resp: 149113
 Ion Ratio Lower Upper
 168 100
 139 46.2 30.6 45.8#
 169 36.3 10.8 16.2#



#55
 4-Nitrophenol
 Concen: 2.97 ng
 RT: 9.74 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF096944.D
 Acq: 21 Jul 2017 15:13

Tgt Ion:139 Resp: 7789
 Ion Ratio Lower Upper
 139 100
 109 56.3 34.1 74.1
 65 39.5 31.4 71.4

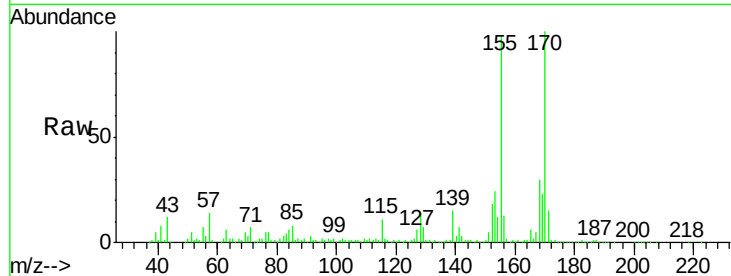




#56
 2,4-Dinitrotoluene
 Concen: 4.83 ng
 RT: 9.80 min Scan# 1328
 Delta R.T. -0.03 min
 Lab File: BF096944.D
 Acq: 21 Jul 2017 15:13

Instrument :
 BNA_F
 ClientSampleId :
 E2-07-WSW

Tgt Ion:	165	Resp:	18808
Ion Ratio	Lower	Upper	
165	100		
63	89.9	25.4	38.0#
89	36.2	46.4	69.6#
182	10.3	1.8	2.6#

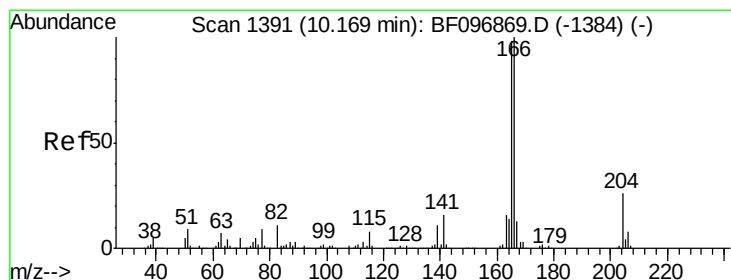
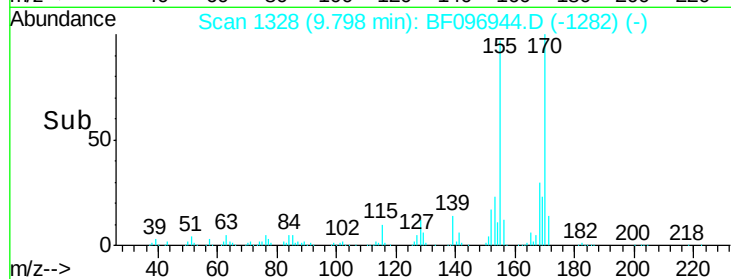
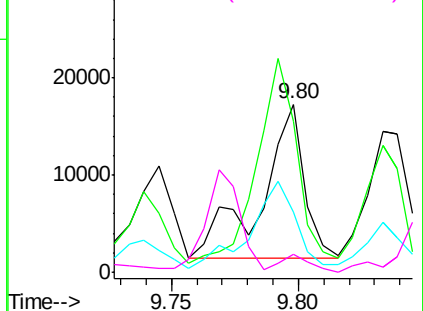


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

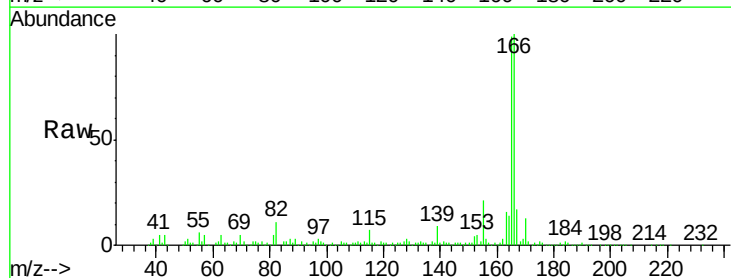
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
 Fluorene
 Concen: 19.70 ng
 RT: 10.13 min Scan# 1385
 Delta R.T. -0.05 min
 Lab File: BF096944.D
 Acq: 21 Jul 2017 15:13

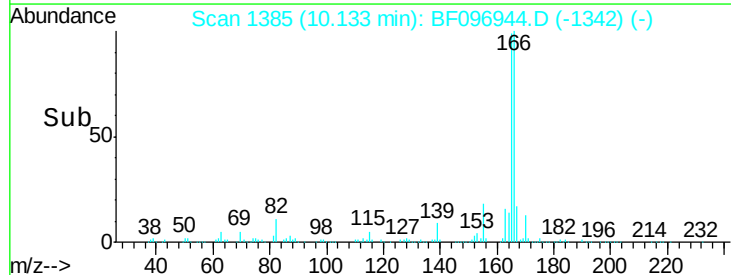
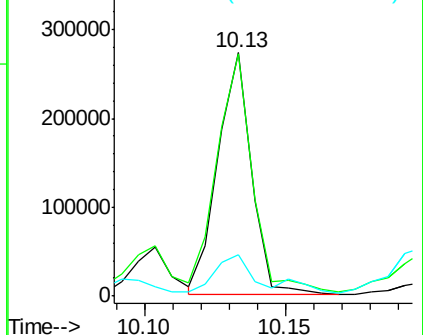
Tgt Ion:	166	Resp:	225460
Ion Ratio	Lower	Upper	
166	100		
165	99.4	78.8	118.2
167	16.8	10.6	16.0#

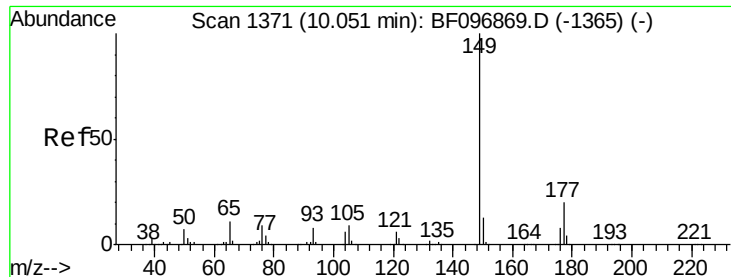


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

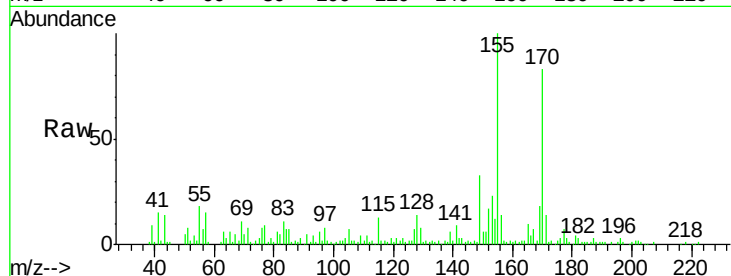




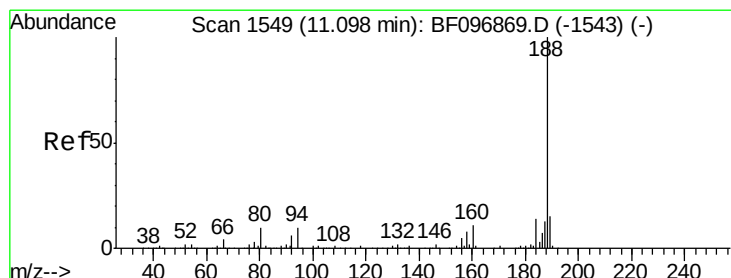
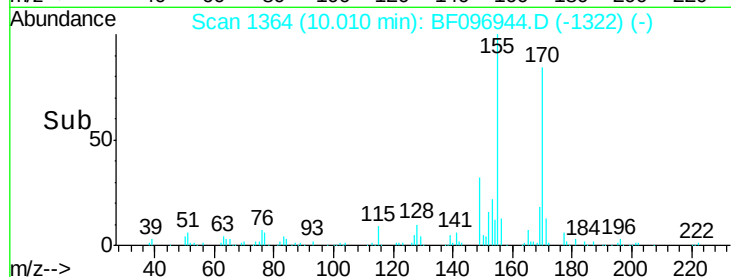
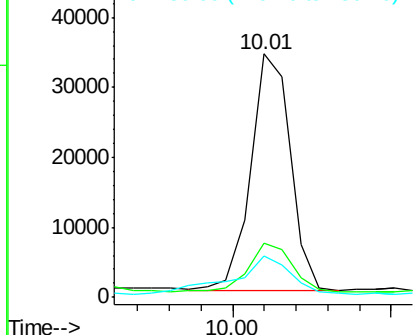
#59
Diethylphthalate
Concen: 2.17 ng
RT: 10.01 min Scan# 1364
Delta R.T. -0.05 min
Lab File: BF096944.D
Acq: 21 Jul 2017 15:13

Instrument :
BNA_F
ClientSampleId :
E2-07-WSW

Tgt Ion:149 Resp: 29542
Ion Ratio Lower Upper
149 100
177 22.1 16.7 25.1
150 17.1 10.2 15.2#

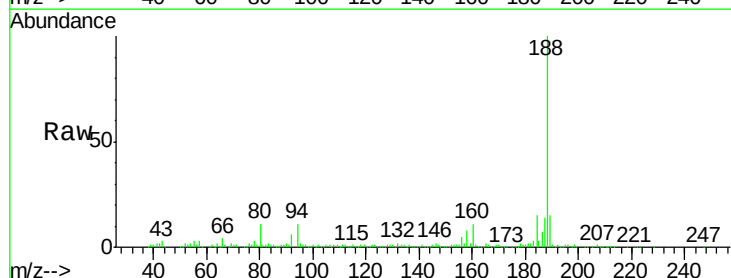


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

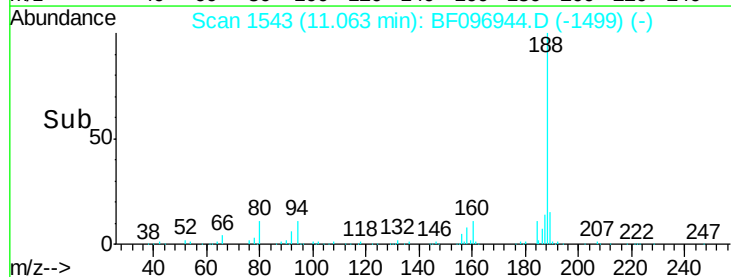
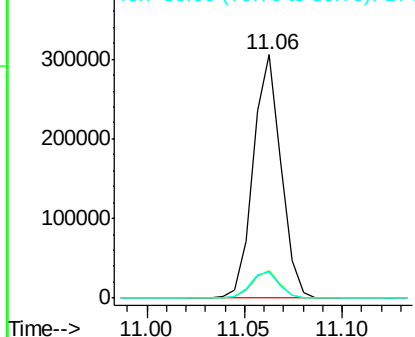


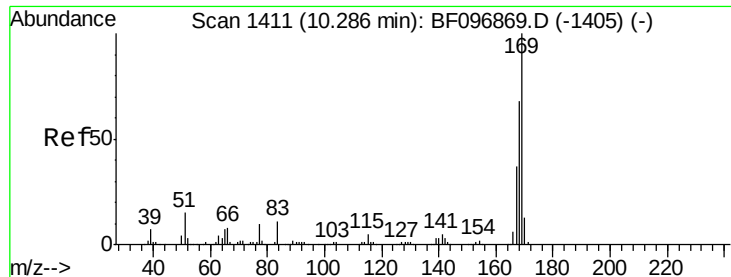
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 1543
Delta R.T. -0.04 min
Lab File: BF096944.D
Acq: 21 Jul 2017 15:13

Tgt Ion:188 Resp: 299791
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 10.9 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: 8.65 ng

RT: 10.25 min Scan# 1405

Delta R.T. -0.04 min

Lab File: BF096944.D

Acq: 21 Jul 2017 15:13

Instrument :

BNA_F

ClientSampleId :

E2-07-WSW

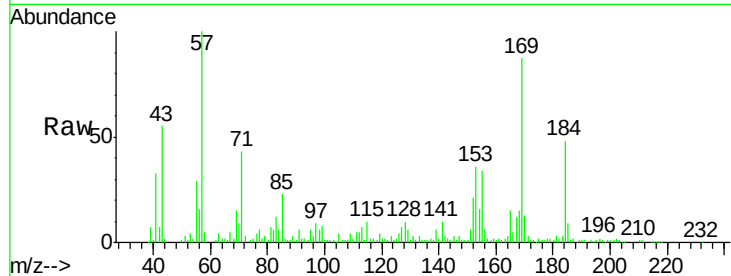
Tgt Ion:169 Resp: 92718

Ion Ratio Lower Upper

169 100

168 16.8 53.2 79.8#

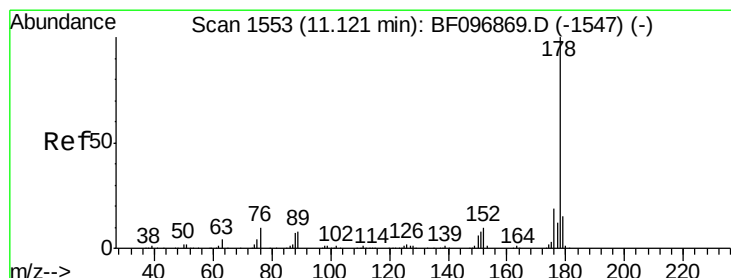
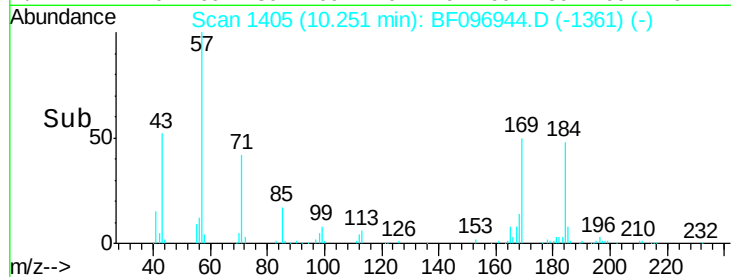
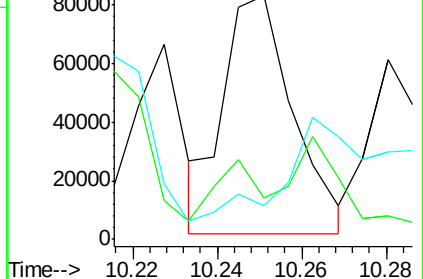
167 13.6 29.5 44.3#



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



#70

Phenanthrene

Concen: 71.99 ng

RT: 11.09 min Scan# 1548

Delta R.T. -0.04 min

Lab File: BF096944.D

Acq: 21 Jul 2017 15:13

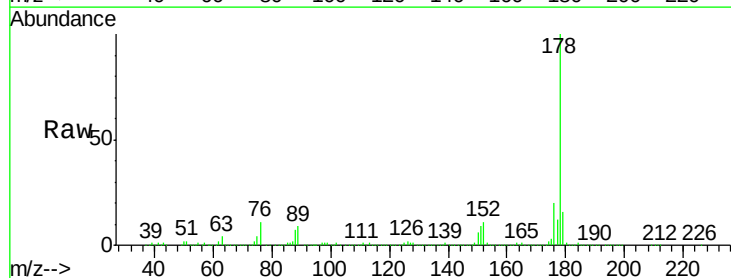
Tgt Ion:178 Resp: 1173529

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.4

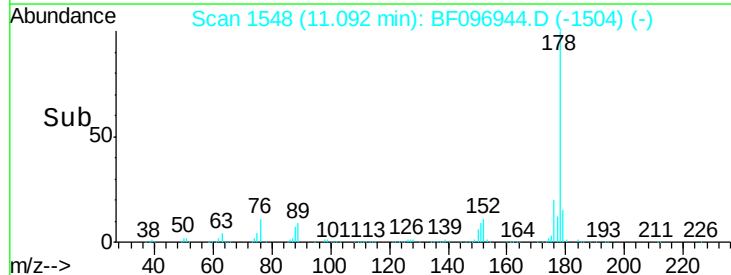
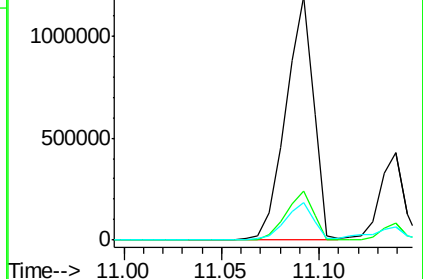
179 15.5 12.6 19.0

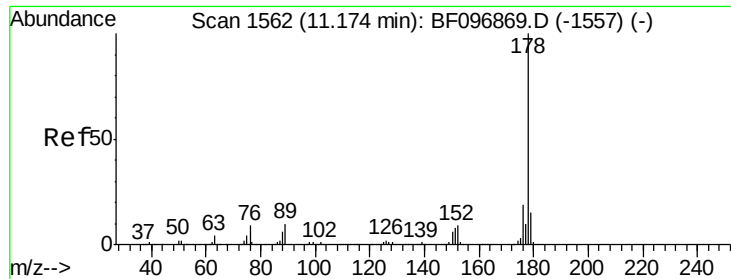


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

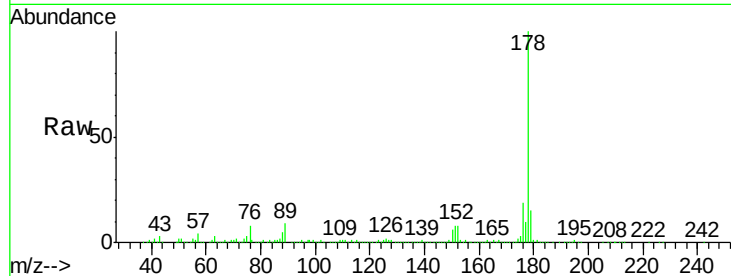




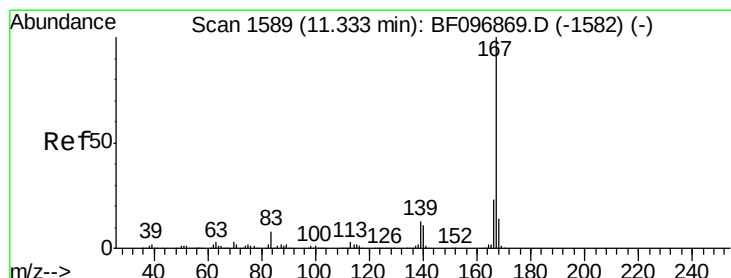
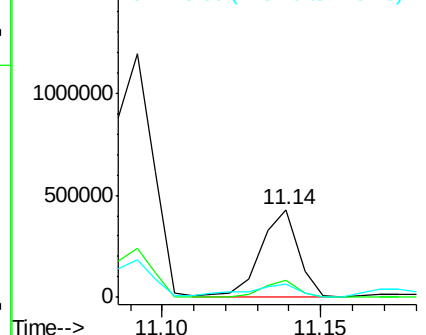
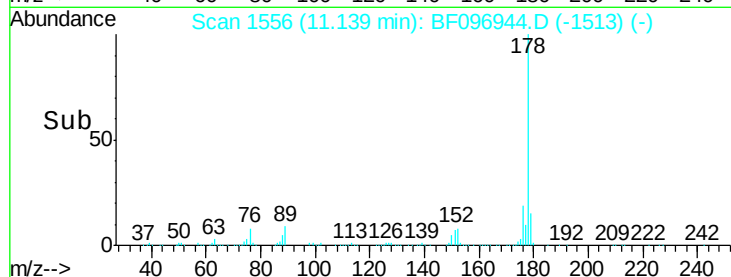
#71
 Anthracene
 Concen: 21.35 ng
 RT: 11.14 min Scan# 1556
 Delta R.T. -0.05 min
 Lab File: BF096944.D
 Acq: 21 Jul 2017 15:13

Instrument :
 BNA_F
 ClientSampleId :
 E2-07-WSW

Tgt Ion:178 Resp: 351817
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.0 12.7 19.1

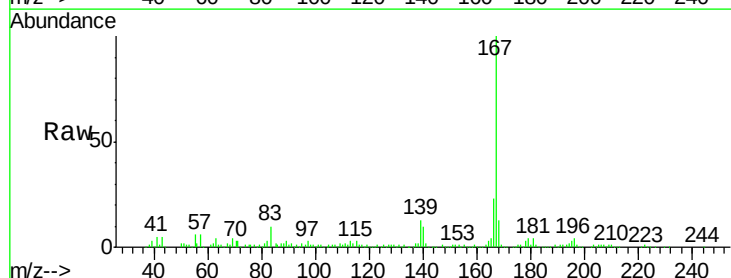


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

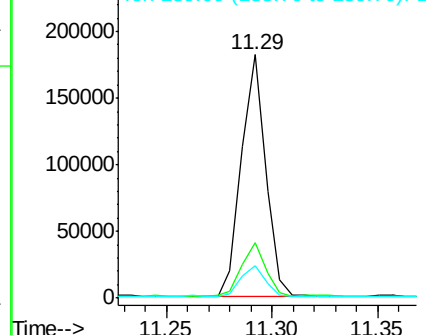
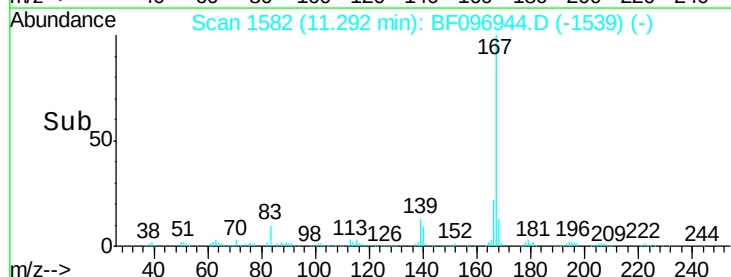


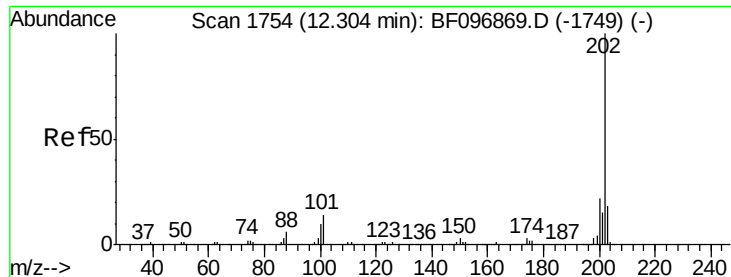
#72
 Carbazole
 Concen: 9.00 ng
 RT: 11.29 min Scan# 1582
 Delta R.T. -0.05 min
 Lab File: BF096944.D
 Acq: 21 Jul 2017 15:13

Tgt Ion:167 Resp: 143599
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 13.3 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 51.28 ng

RT: 12.27 min Scan# 1748

Delta R.T. -0.05 min

Lab File: BF096944.D

Acq: 21 Jul 2017 15:13

Instrument :

BNA_F

ClientSampleId :

E2-07-WSW

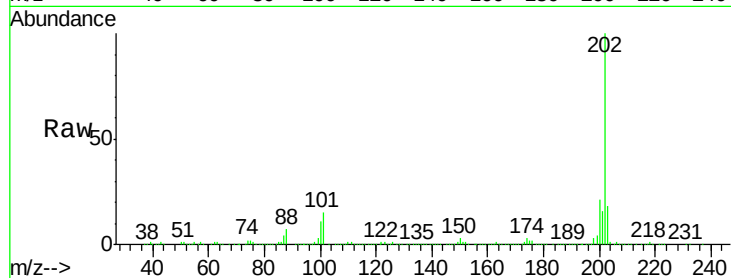
Tgt Ion:202 Resp: 800037

Ion Ratio Lower Upper

202 100

101 14.6 0.0 33.2

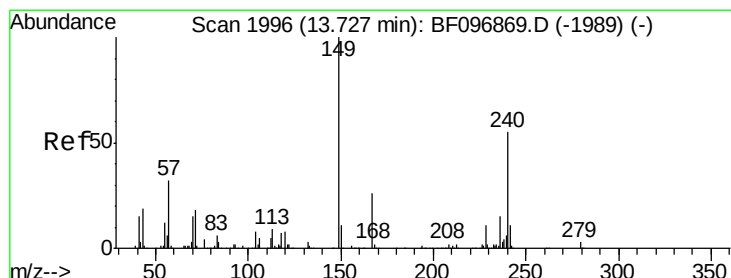
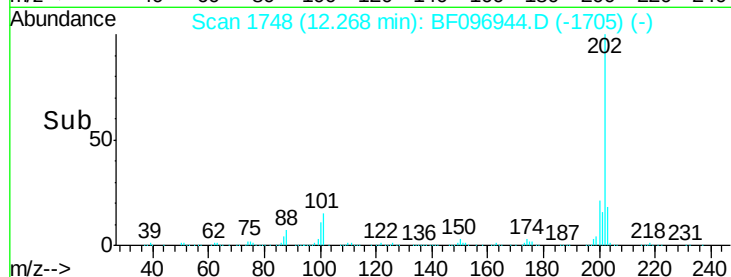
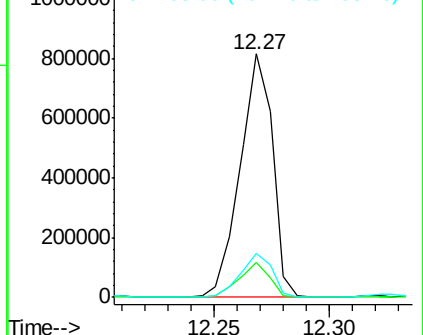
203 18.2 0.0 38.1



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: 20.00 ng

RT: 13.69 min Scan# 1989

Delta R.T. -0.05 min

Lab File: BF096944.D

Acq: 21 Jul 2017 15:13

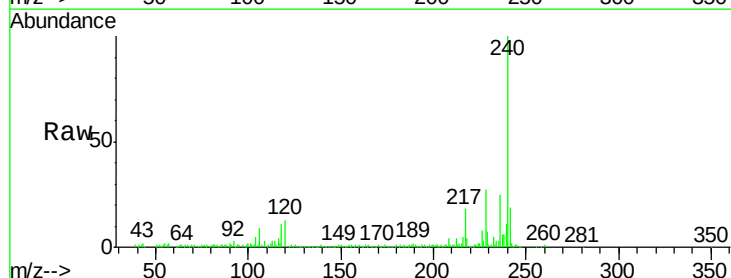
Tgt Ion:240 Resp: 177427

Ion Ratio Lower Upper

240 100

120 13.2 5.8 8.8#

236 25.5 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

