

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
 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 24 12:00:43 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	7.12	82	14767m	2.47	ng	-0.05
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

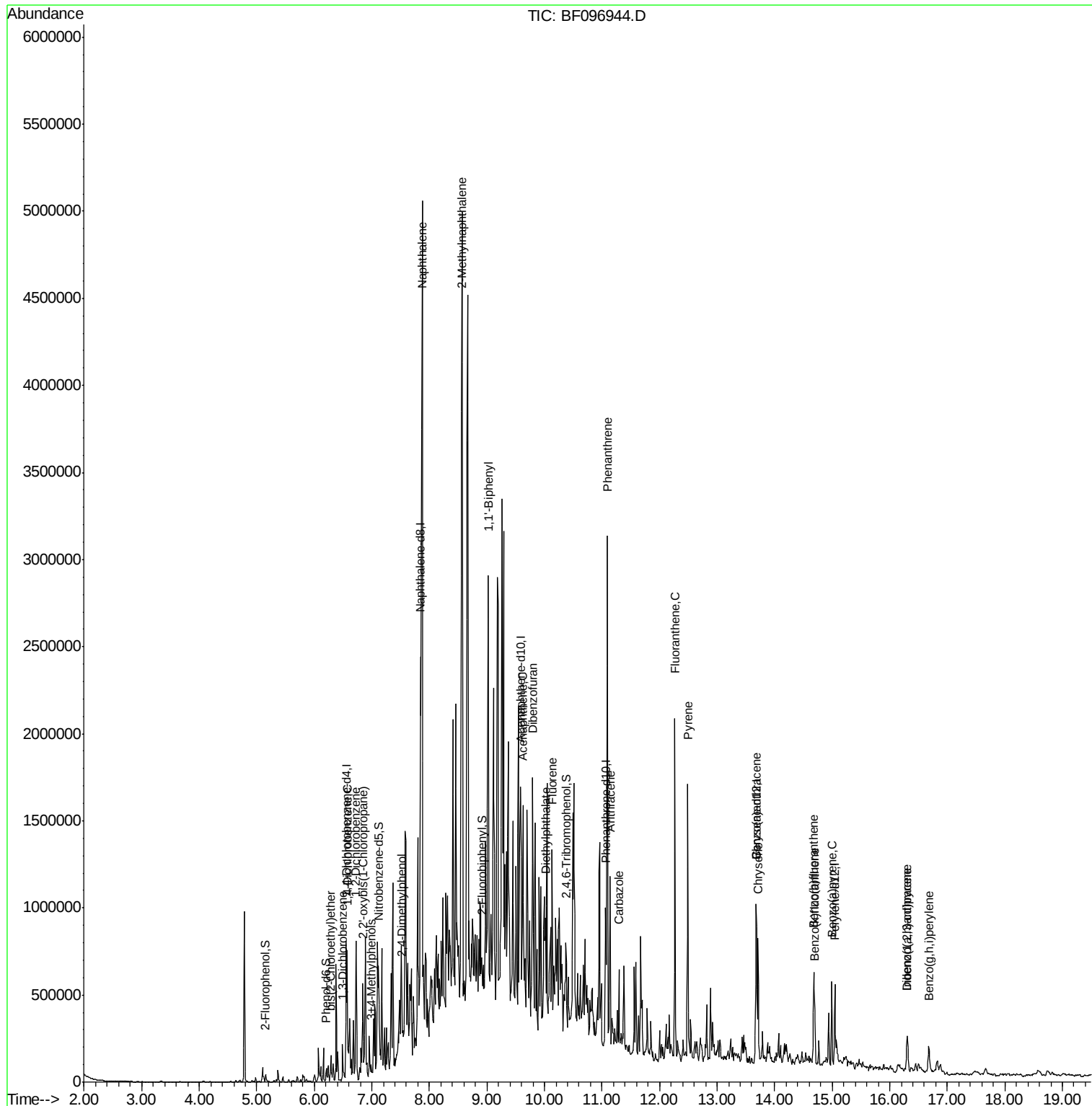
Target Compounds

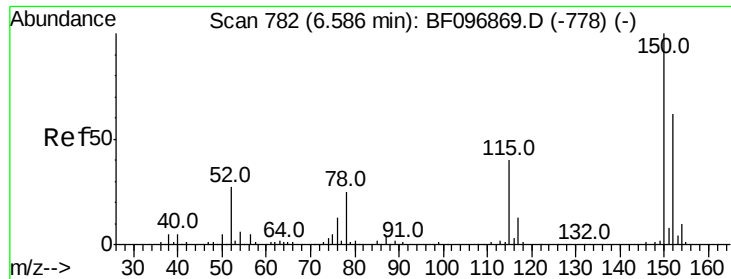
						Qvalue
11) bis(2-Chloroethyl)ether	6.29	93	40343	5.279	ng	93
12) 1,3-Dichlorobenzene	6.49	146	40203	4.680	ng	94
13) 1,4-Dichlorobenzene	6.57	146	148282	17.044	ng	95
14) 1,2-Dichlorobenzene	6.72	146	162109	20.486	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.84	45	113190	7.177	ng	59
20) 3+4-Methylphenols	6.99	107	16400	2.150	ng	# 59
27) 2,4-Dimethylphenol	7.53	122	23044	4.073	ng	96
31) Naphthalene	7.87	128	2743076	156.326	ng	99
37) 2-Methylnaphthalene	8.57	142	2154637	192.604	ng	99
45) 1,1'-Biphenyl	9.02	154	250860	15.734	ng	98
51) Acenaphthene	9.62	154	205340	18.582	ng	97
54) Dibenzofuran	9.79	168	149113	9.629	ng	# 75
57) Fluorene	10.13	166	225460	19.703	ng	# 98
59) Diethylphthalate	10.01	149	29542	2.168	ng	# 94
70) Phenanthrene	11.09	178	1173529	71.993	ng	100
71) Anthracene	11.14	178	351817	21.347	ng	98
72) Carbazole	11.29	167	143599	8.997	ng	99
74) Fluoranthene	12.27	202	800037	51.276	ng	98
77) Pyrene	12.49	202	706607	43.882	ng	99
80) Benzo(a)anthracene	13.67	228	274643	24.843	ng	99
82) Chrysene	13.71	228	240895	22.134	ng	96
85) Indeno(1,2,3-cd)pyrene	16.30	276	109102	13.607	ng	94
87) Benzo(b)fluoranthene	14.68	252	278765m	25.069	ng	
88) Benzo(k)fluoranthene	14.70	252	93737m	8.902	ng	
89) Benzo(a)pyrene	14.99	252	200744	19.683	ng	99
90) Dibenzo(a,h)anthracene	16.30	278	30442m	3.244	ng	
91) Benzo(g,h,i)perylene	16.68	276	94842	9.438	ng	98

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

Instrument :
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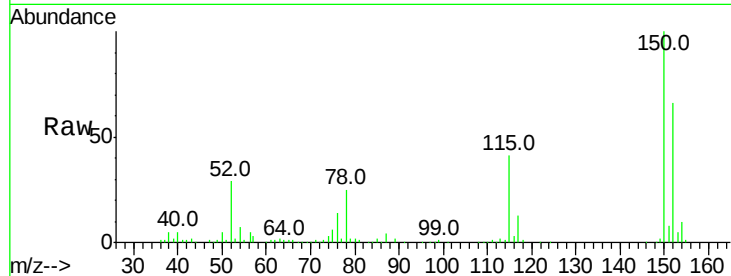


#1

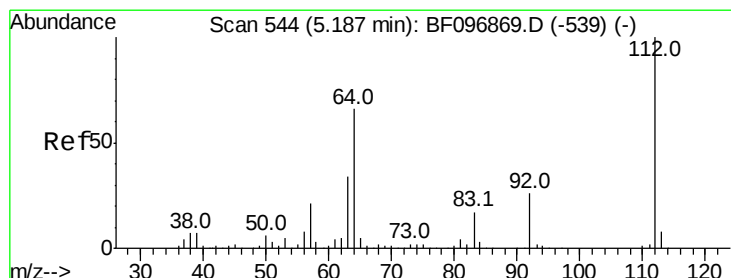
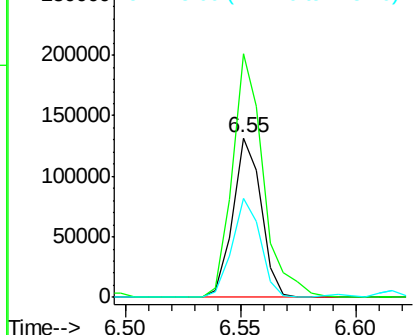
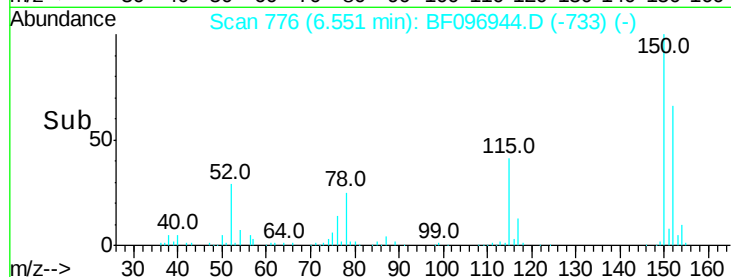
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.55 min Scan# 776
 Delta R.T. -0.05 min
 Lab File: BF096944.D
 Acq: 21 Jul 2017 15:13

Instrument :
 BNA_F
 ClientSampleId :
 E2-07-WSW

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



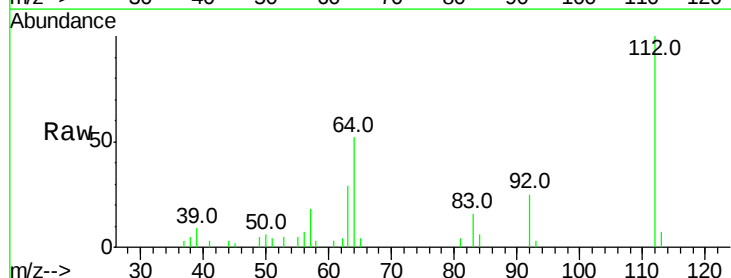
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



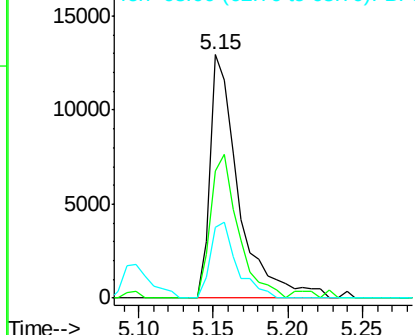
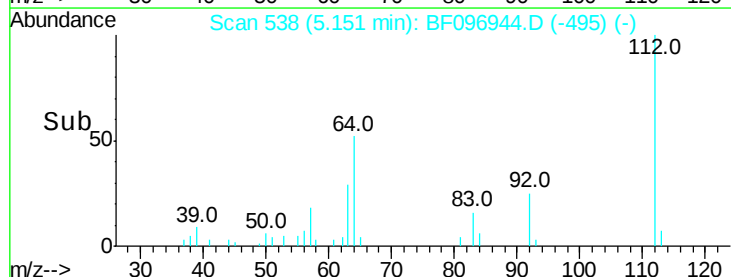
#5

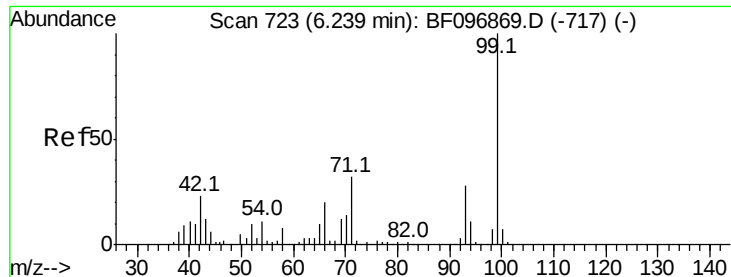
2-Fluorophenol
 Concen: 2.305 ng
 RT: 5.15 min Scan# 538
 Delta R.T. -0.05 min
 Lab File: BF096944.D
 Acq: 21 Jul 2017 15:13

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





#7

Phenol-d6

Concen: 2.465 ng

RT: 6.20 min Scan# 717

Delta R.T. -0.05 min

Lab File: BF096944.D

Acq: 21 Jul 2017 15:13

Instrument :

BNA_F

ClientSampleId :

E2-07-WSW

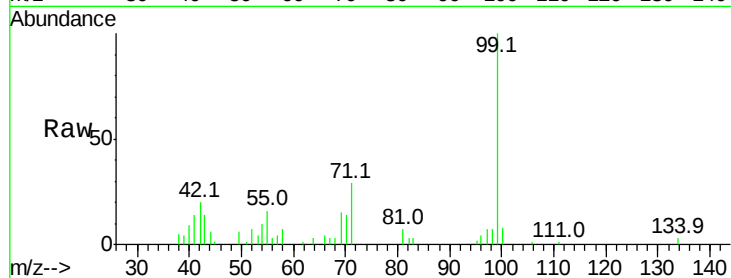
Tot Ion: 99 Resp: 22165

Ion Ratio Lower Upper

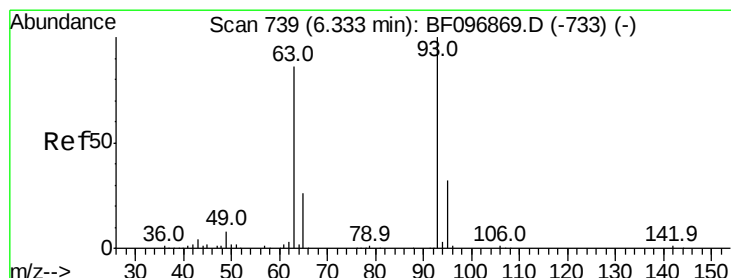
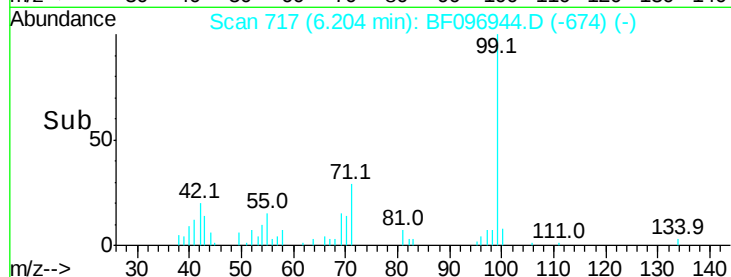
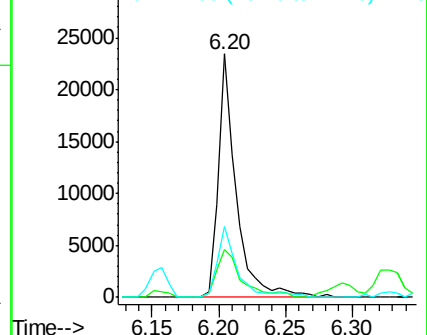
99 100

42 19.7 13.5 20.3

71 29.1 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 5.279 ng

RT: 6.29 min Scan# 731

Delta R.T. -0.06 min

Lab File: BF096944.D

Acq: 21 Jul 2017 15:13

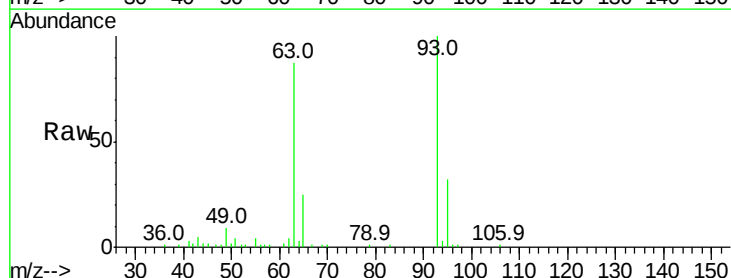
Tgt Ion: 93 Resp: 40343

Ion Ratio Lower Upper

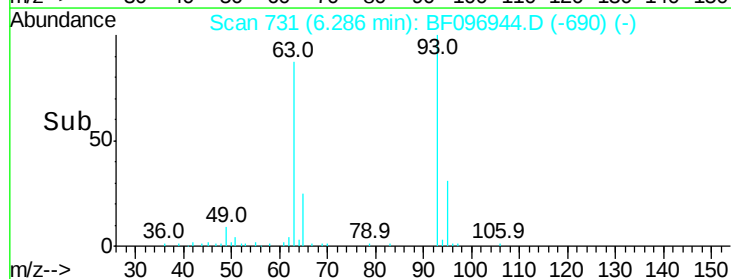
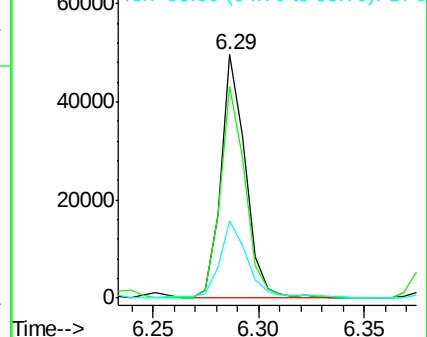
93 100

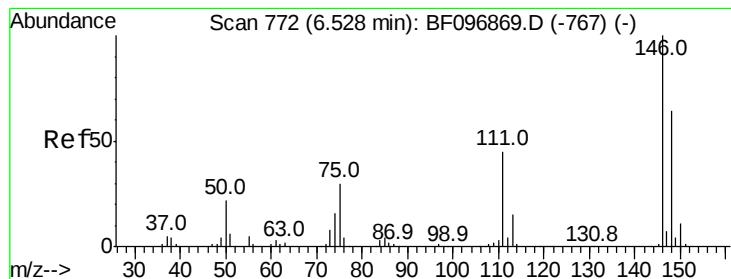
63 86.8 59.2 99.2

95 31.9 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 4.680 ng

RT: 6.49 min Scan# 766

Delta R.T. -0.05 min

Lab File: BF096944.D

Acq: 21 Jul 2017 15:13

Instrument :

BNA_F

ClientSampleId :

E2-07-WSW

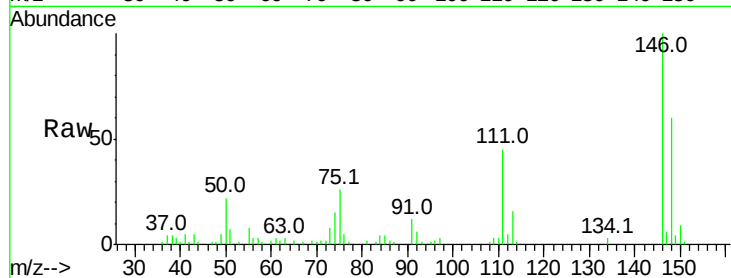
Tot Ion:146 Resp: 40203

Ion Ratio Lower Upper

146 100

148 59.8 51.8 77.6

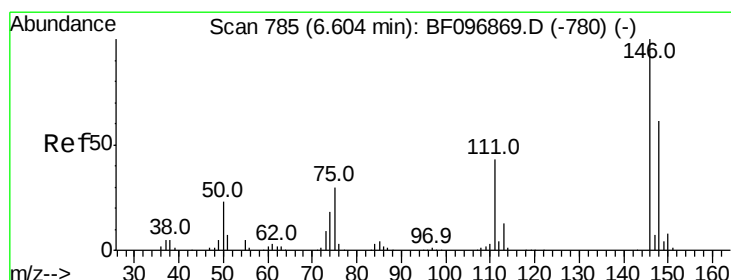
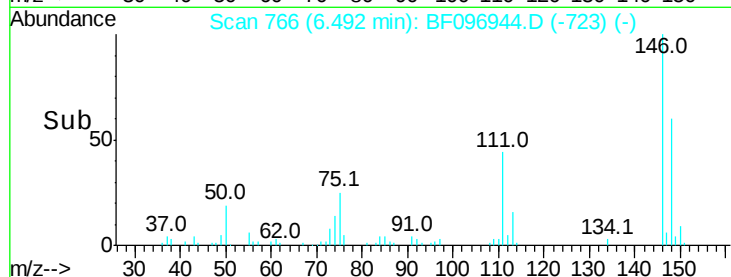
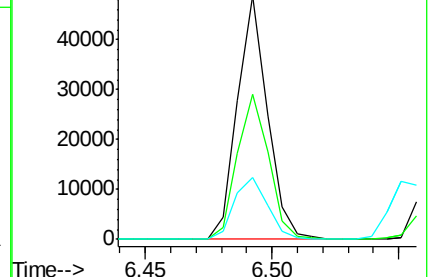
75 25.6 23.1 34.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 17.044 ng

RT: 6.57 min Scan# 779

Delta R.T. -0.05 min

Lab File: BF096944.D

Acq: 21 Jul 2017 15:13

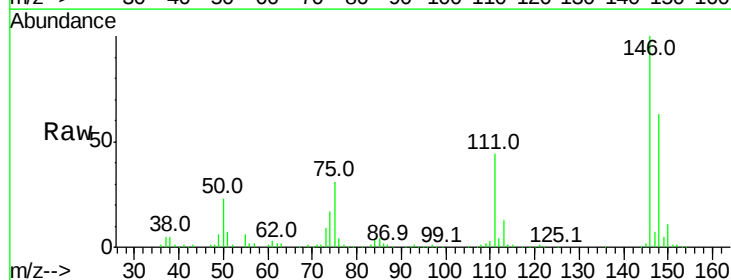
Tgt Ion:146 Resp: 148282

Ion Ratio Lower Upper

146 100

148 63.4 52.2 78.2

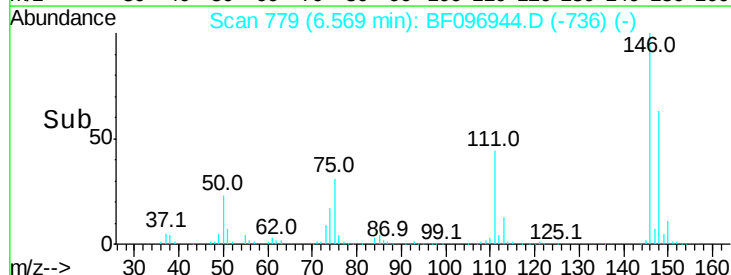
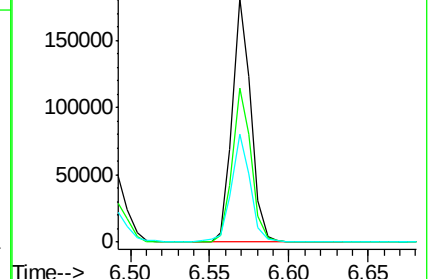
111 44.4 30.3 45.5

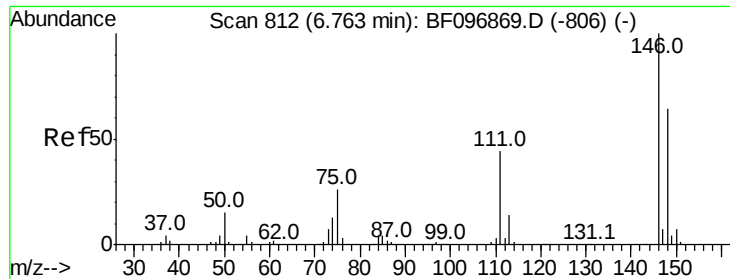


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 20.486 ng

RT: 6.72 min Scan# 805

Delta R.T. -0.05 min

Lab File: BF096944.D

Acq: 21 Jul 2017 15:13

Instrument :

BNA_F

ClientSampleId :

E2-07-WSW

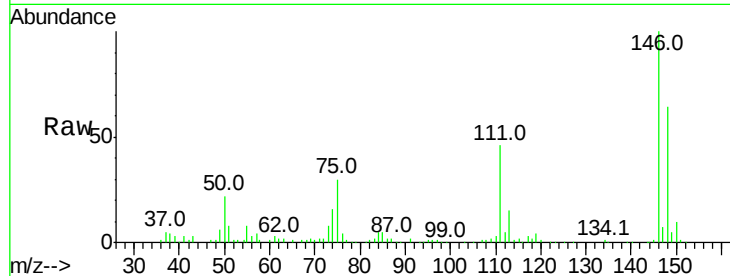
Tot Ion:146 Resp: 162109

Ion Ratio Lower Upper

146 100

148 64.5 50.4 75.6

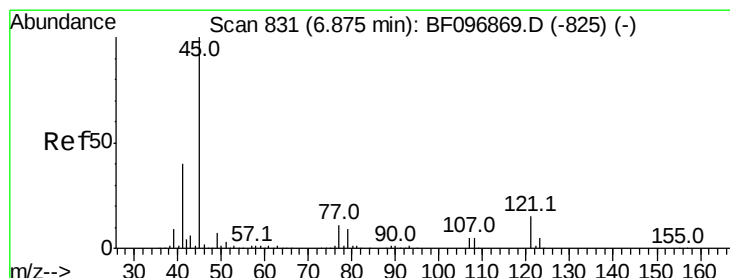
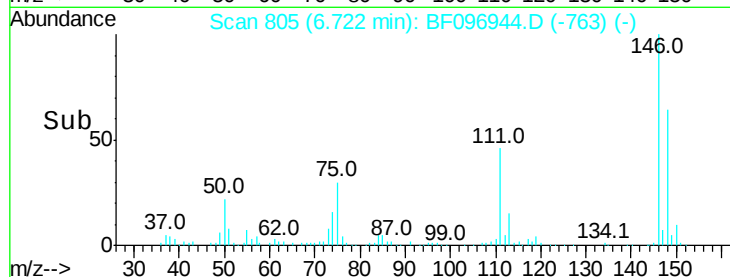
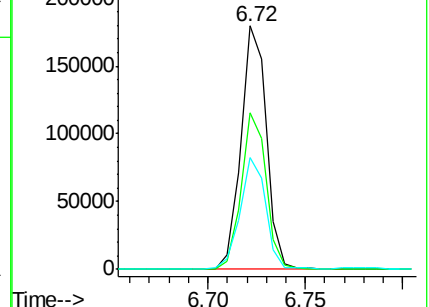
111 46.0 38.2 57.4



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: 7.177 ng

RT: 6.84 min Scan# 825

Delta R.T. -0.05 min

Lab File: BF096944.D

Acq: 21 Jul 2017 15:13

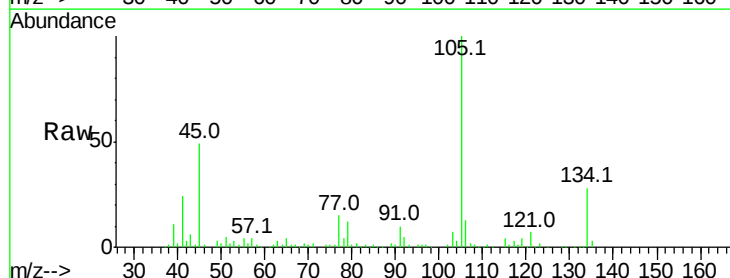
Tgt Ion: 45 Resp: 113190

Ion Ratio Lower Upper

45 100

77 30.6 0.0 33.2

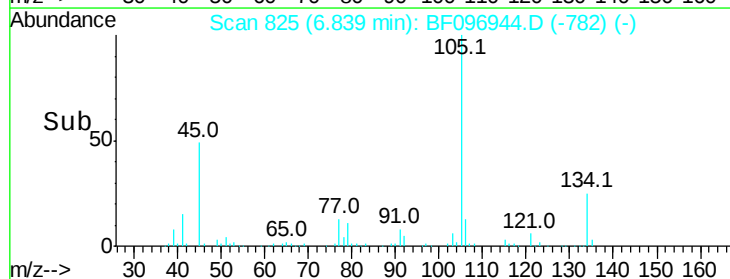
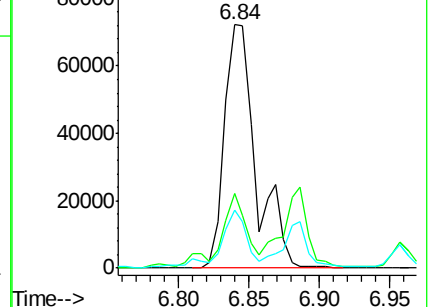
79 24.1 0.0 30.0

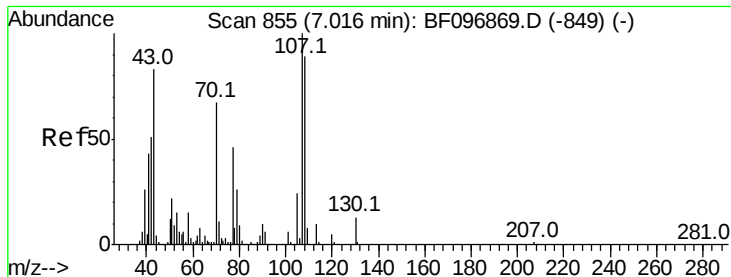


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#20

3+4-Methylphenols

Concen: 2.150 ng

RT: 6.99 min Scan# 850

Delta R.T. -0.04 min

Lab File: BF096944.D

Acq: 21 Jul 2017 15:13

Instrument :

BNA_F

ClientSampleId :

E2-07-WSW

Tot Ion:107 Resp: 16400

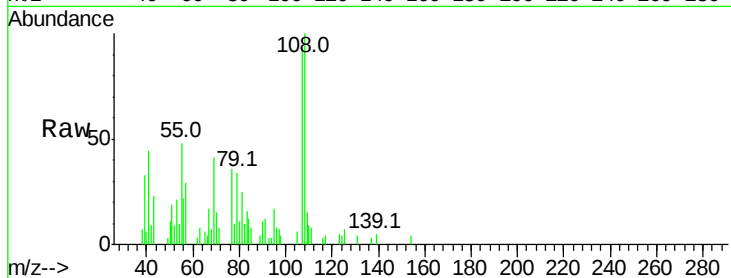
Ion Ratio Lower Upper

107 100

108 107.5 71.0 111.0

77 38.6 90.5 130.5#

79 36.5 8.4 48.4

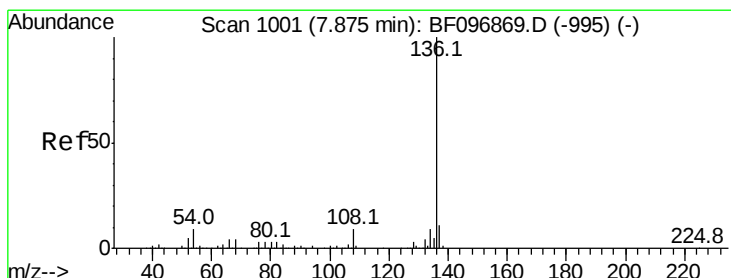
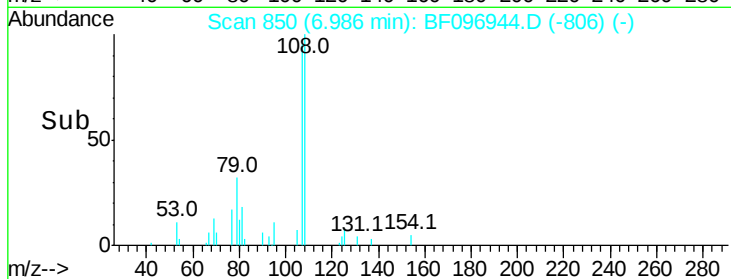
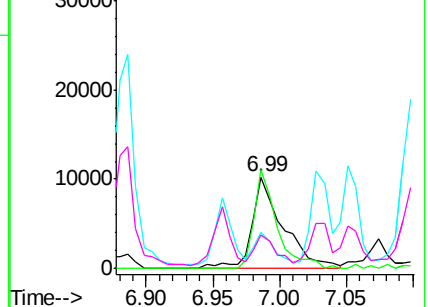


Abundance Ion 107.00 (106.70 to 107.70): E

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: 20.000 ng

RT: 7.84 min Scan# 995

Delta R.T. -0.05 min

Lab File: BF096944.D

Acq: 21 Jul 2017 15:13

Tgt Ion:136 Resp: 370410

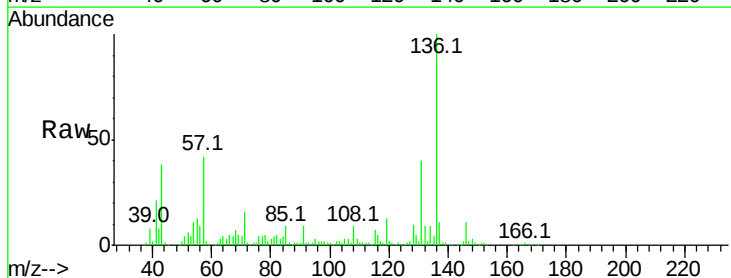
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 11.3 4.9 7.3#

68 6.7 4.1 6.1#

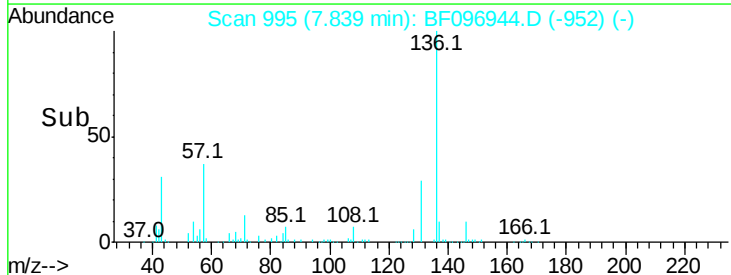
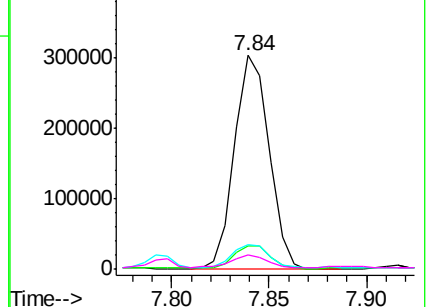


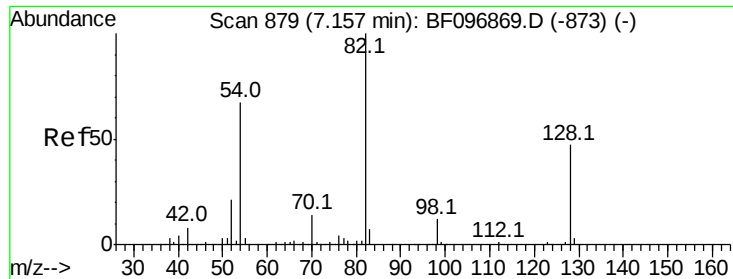
Abundance Ion 136.00 (135.70 to 136.70): E

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

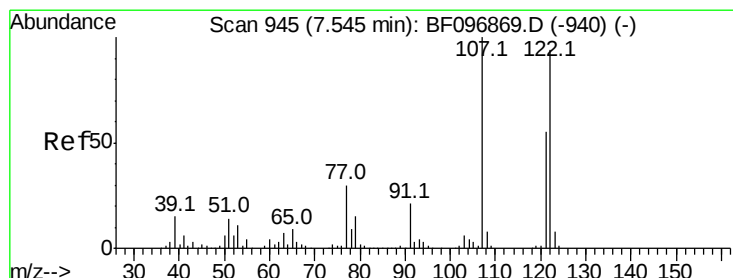
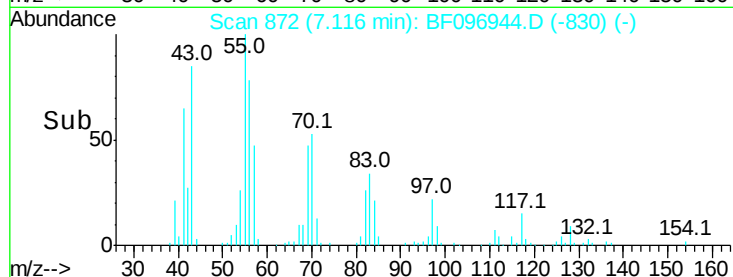
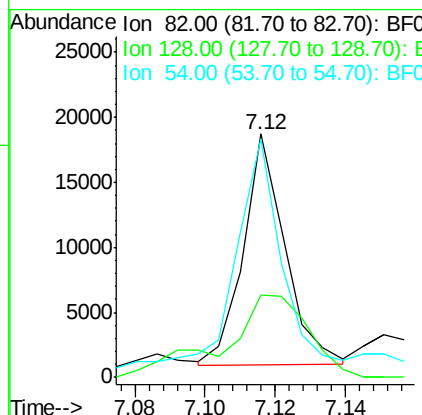
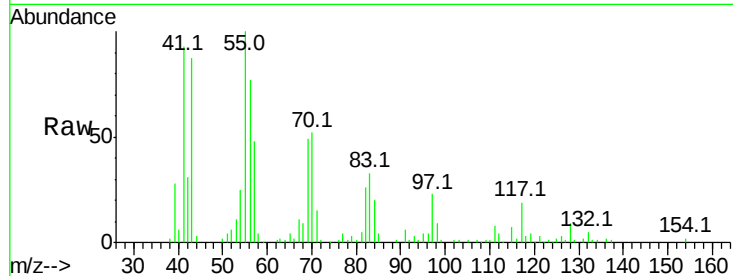




#23
 Nitrobenzene-d5
 Concen: 2.469 ng/ml
 RT: 7.12 min Scan# 872
 Delta R.T. -0.05 min
 Lab File: BF096944.D
 Acq: 21 Jul 2017 15:13

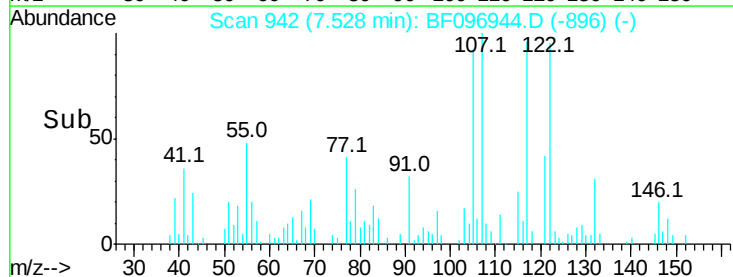
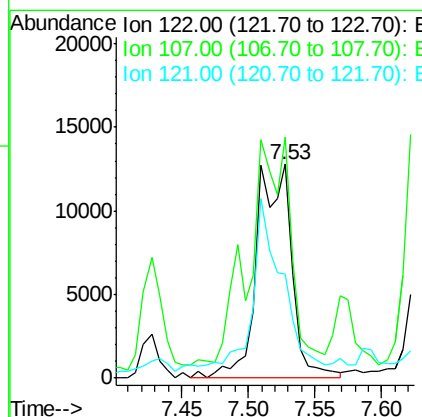
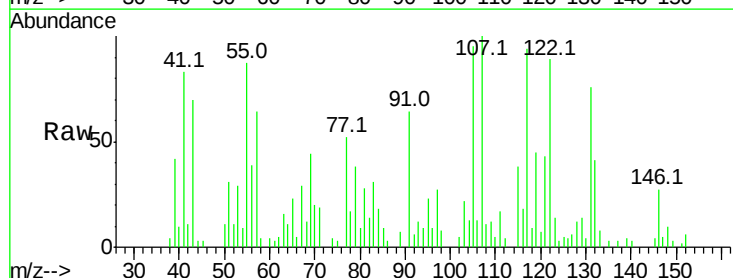
Instrument :
 BNA_F
 ClientSampleID :
 E2-07-WSW

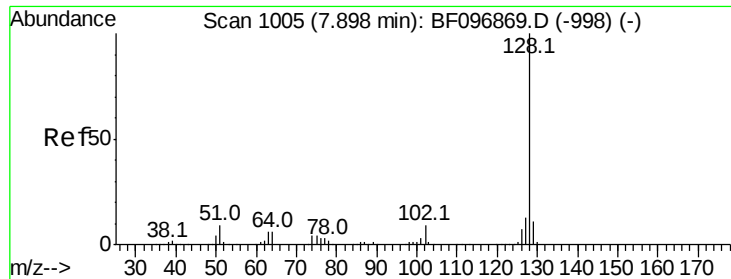
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.6	34.0	51.0#
54	97.8	42.2	63.2#



#27
 2,4-Dimethylphenol
 Concen: 4.073 ng/ml
 RT: 7.53 min Scan# 942
 Delta R.T. -0.03 min
 Lab File: BF096944.D
 Acq: 21 Jul 2017 15:13

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

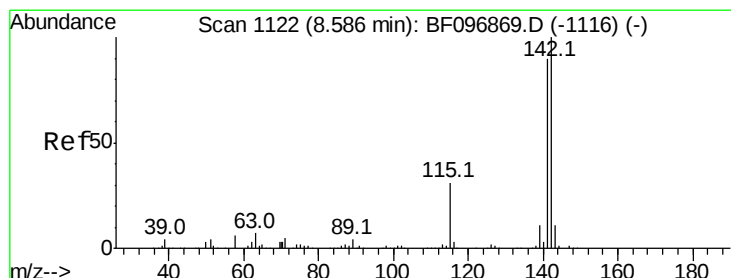
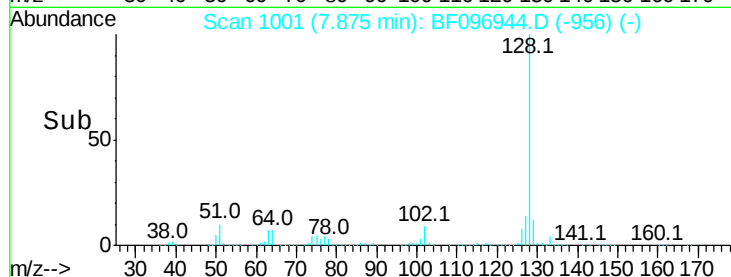
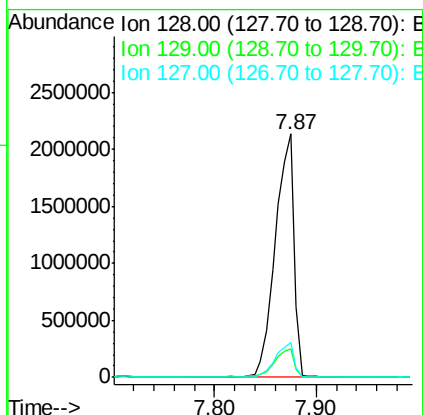
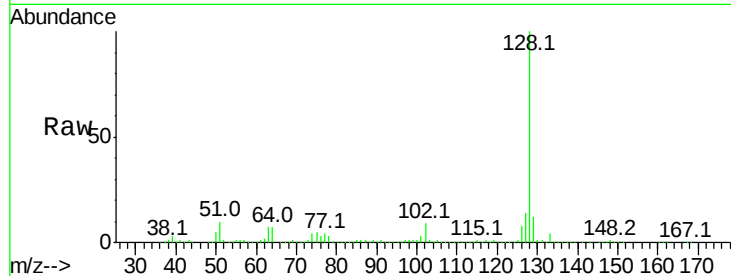




#31
Naphthalene
Concen: 156.326 ng
RT: 7.87 min Scan# 1001
Delta R.T. -0.04 min
Lab File: BF096944.D
Acq: 21 Jul 2017 15:13

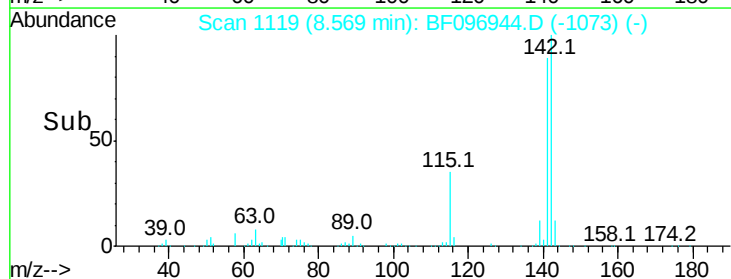
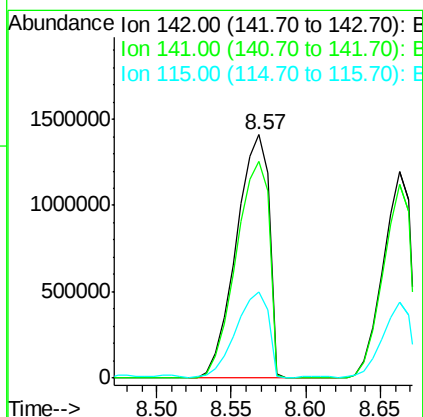
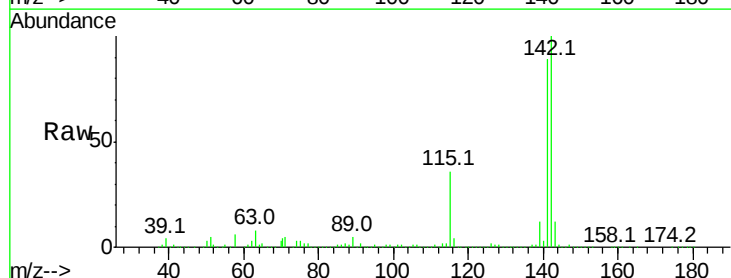
Instrument :
BNA_F
ClientSampleId :
E2-07-WSW

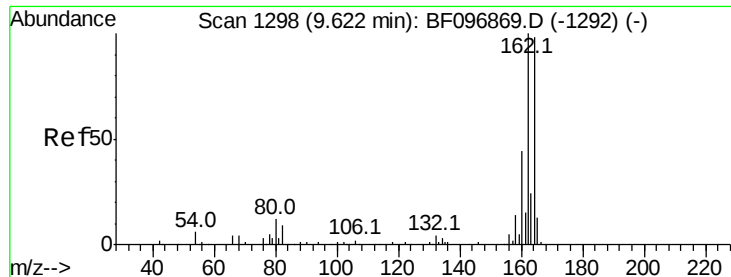
Tot Ion:128 Resp: 2743076
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 14.2 10.8 16.2



#37
2-Methylnaphthalene
Concen: 192.604 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





#38

Acenaphthene-d10

Concen: 20.000 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

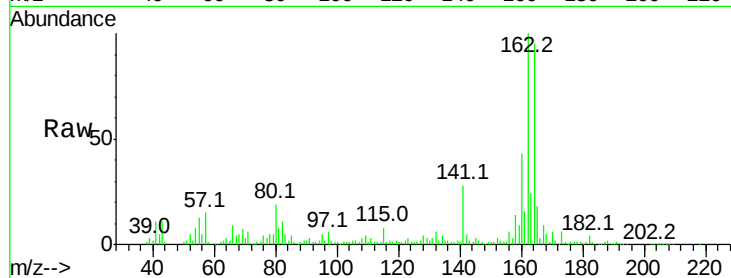
Tot Ion:164 Resp: 185902

Ion Ratio Lower Upper

164 100

162 104.8 82.6 123.8

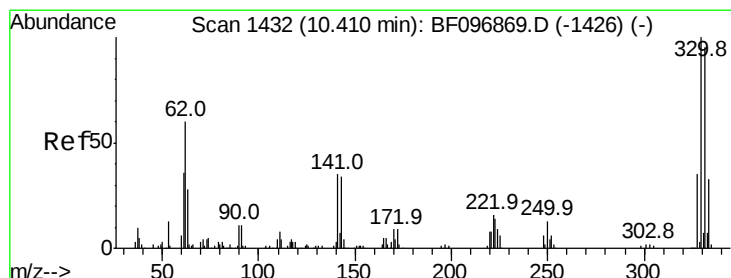
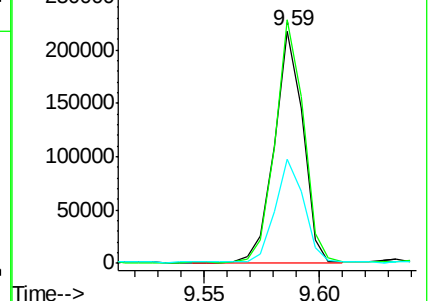
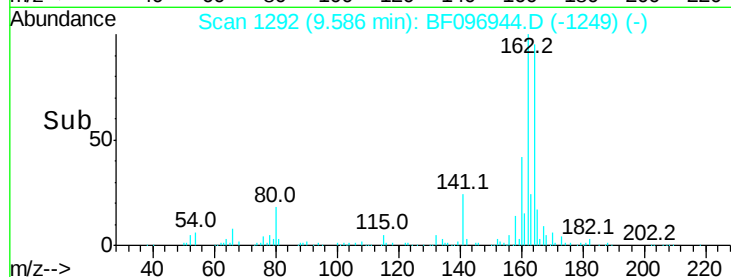
160 44.8 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 2.416 ng

RT: 10.37 min Scan# 1426

Delta R.T. -0.05 min

Lab File: BF096944.D

Acq: 21 Jul 2017 15:13

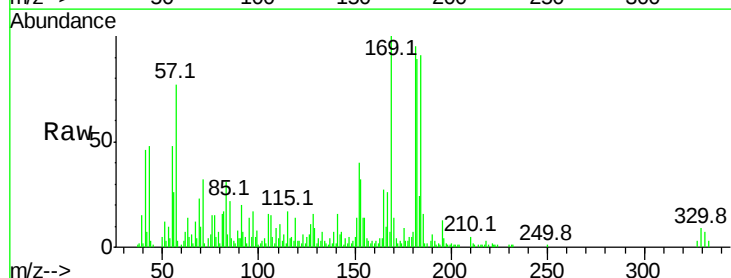
Tgt Ion:330 Resp: 3834

Ion Ratio Lower Upper

330 100

332 93.4 76.6 115.0

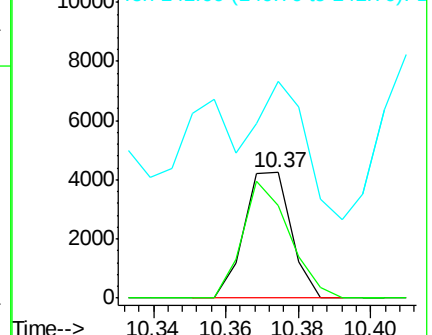
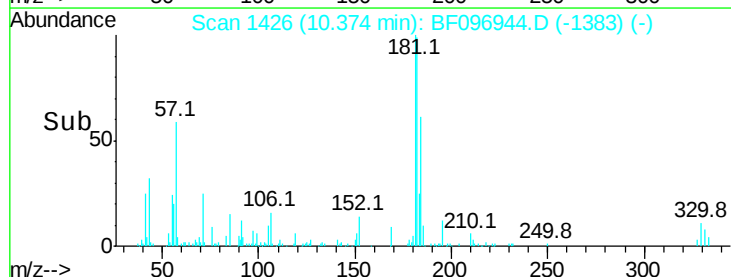
141 114.0 31.4 47.2#

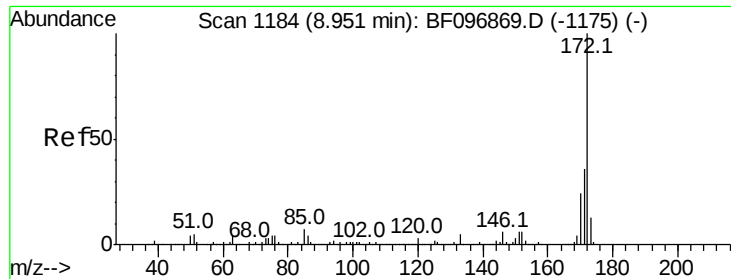


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 2.051 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

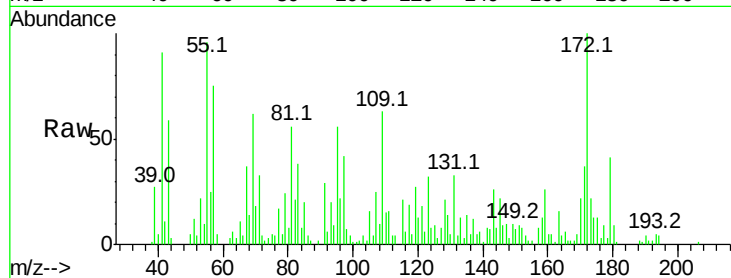
Tot Ion:172 Resp: 24130

Ion Ratio Lower Upper

172 100

171 37.1 29.6 44.4

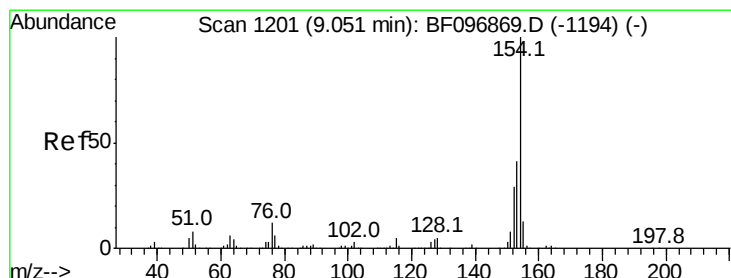
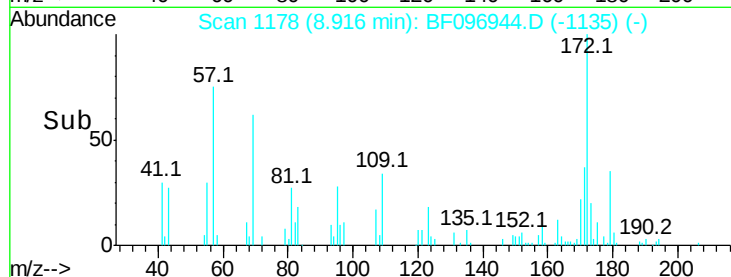
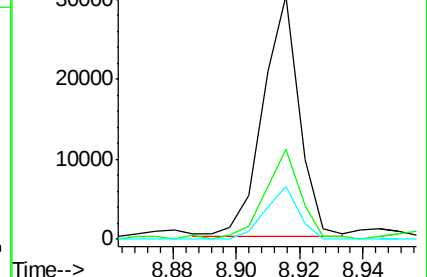
170 21.7 19.8 29.8



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: 15.734 ng

RT: 9.02 min Scan# 1195

Delta R.T. -0.05 min

Lab File: BF096944.D

Acq: 21 Jul 2017 15:13

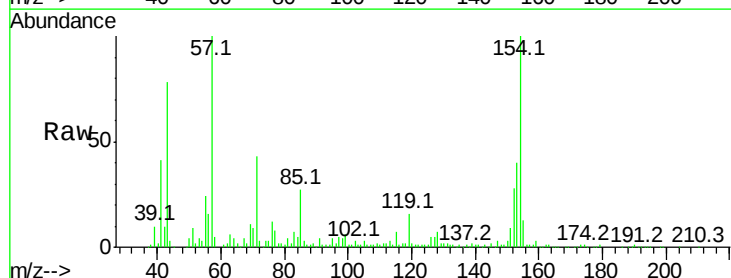
Tgt Ion:154 Resp: 250860

Ion Ratio Lower Upper

154 100

153 40.2 21.2 61.2

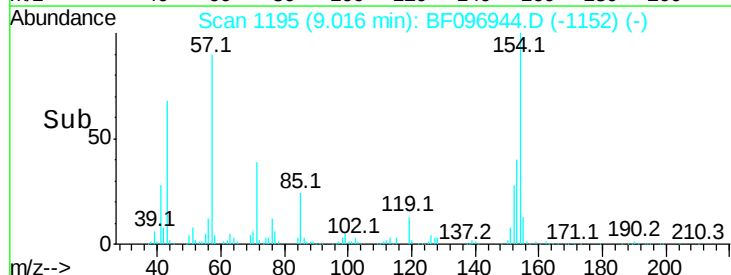
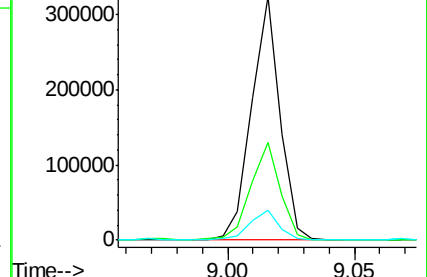
76 12.1 0.0 29.9

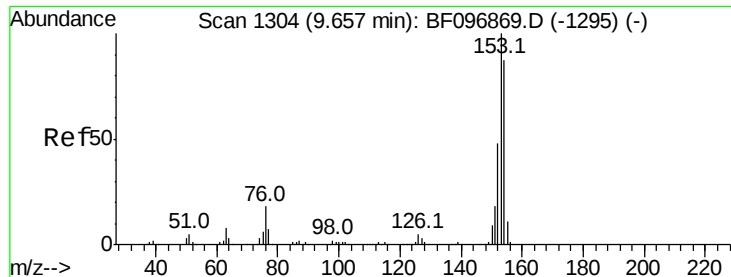


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#51

Acenaphthene

Concen: 18.582 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

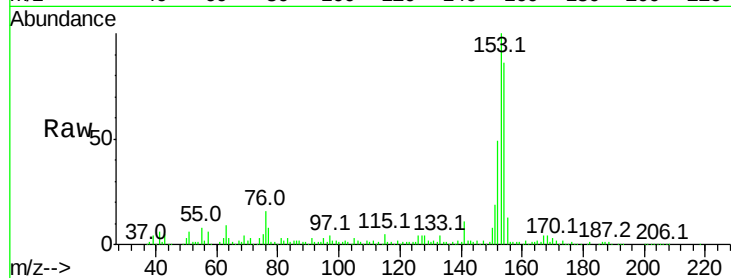
Tot Ion:154 Resp: 205340

Ion Ratio Lower Upper

154 100

153 116.2 90.5 135.7

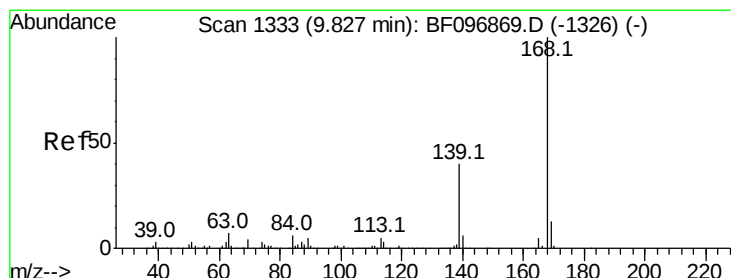
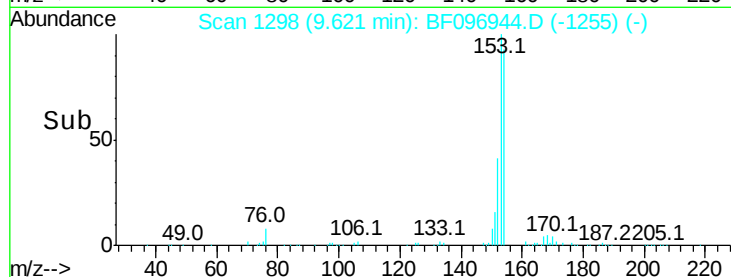
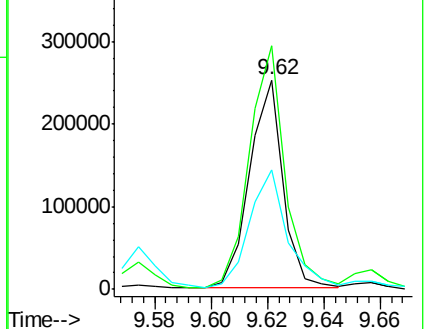
152 57.0 43.6 65.4



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



#54

Dibenzofuran

Concen: 9.629 ng

RT: 9.79 min Scan# 1327

Delta R.T. -0.05 min

Lab File: BF096944.D

Acq: 21 Jul 2017 15:13

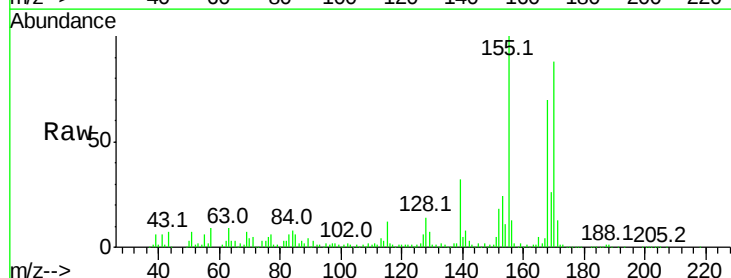
Tgt Ion:168 Resp: 149113

Ion Ratio Lower Upper

168 100

139 46.2 30.6 45.8#

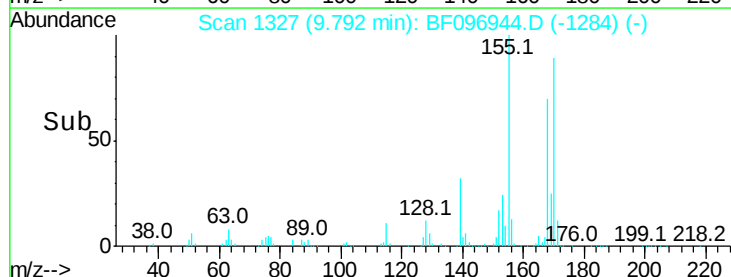
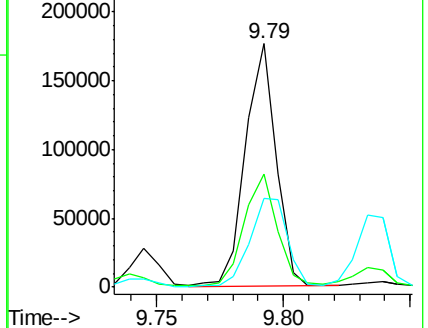
169 36.3 10.8 16.2#

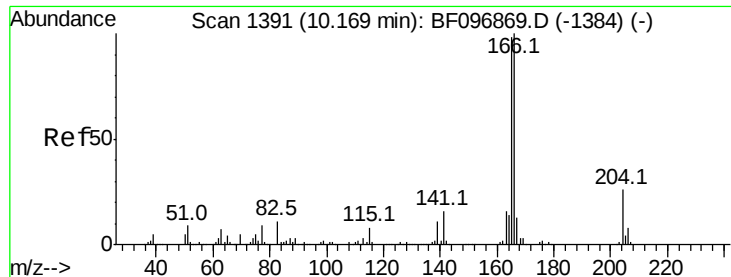


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

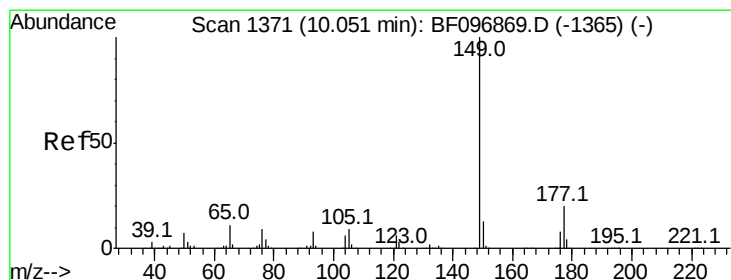
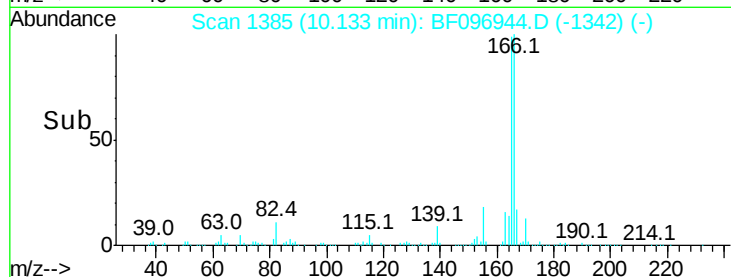
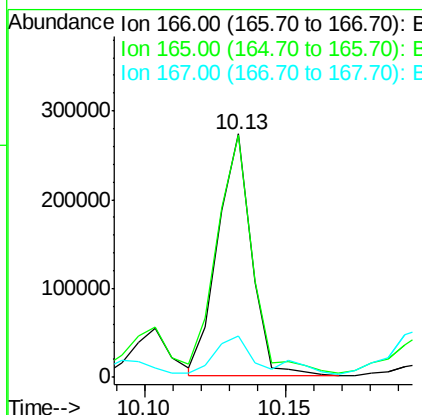
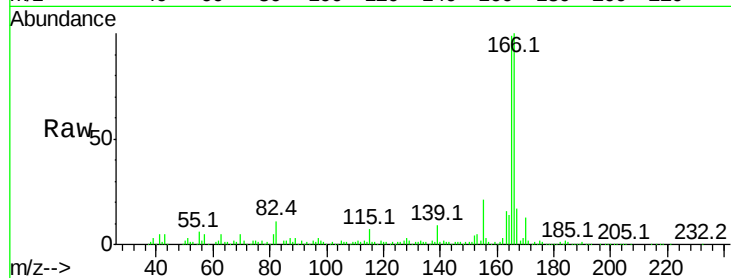




#57
 Fluorene
 Concen: 19.703 ng
 RT: 10.13 min Scan# 1385
 Delta R.T. -0.05 min
 Lab File: BF096944.D
 Acq: 21 Jul 2017 15:13

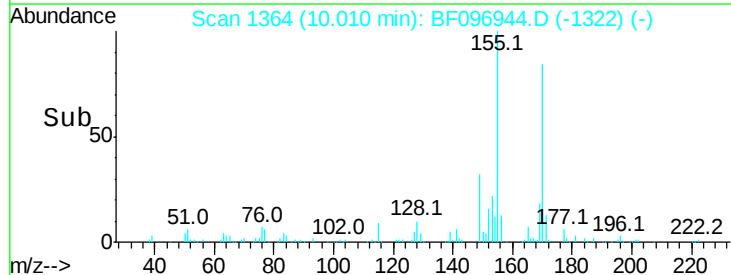
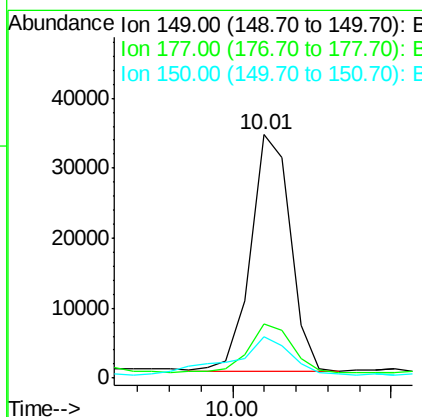
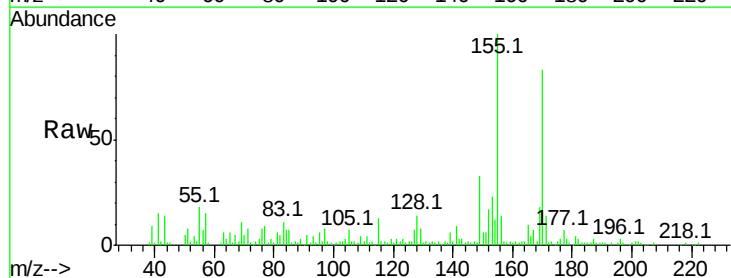
Instrument :
 BNA_F
 ClientSampleId :
 E2-07-WSW

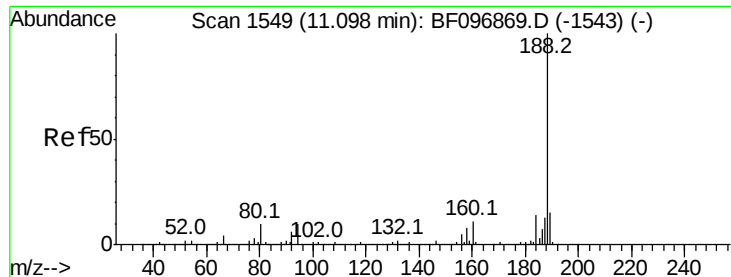
Tot Ion:166 Resp: 225460
 Ion Ratio Lower Upper
 166 100
 165 99.4 78.8 118.2
 167 16.8 10.6 16.0#



#59
 Diethylphthalate
 Concen: 2.168 ng
 RT: 10.01 min Scan# 1364
 Delta R.T. -0.05 min
 Lab File: BF096944.D
 Acq: 21 Jul 2017 15:13

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#

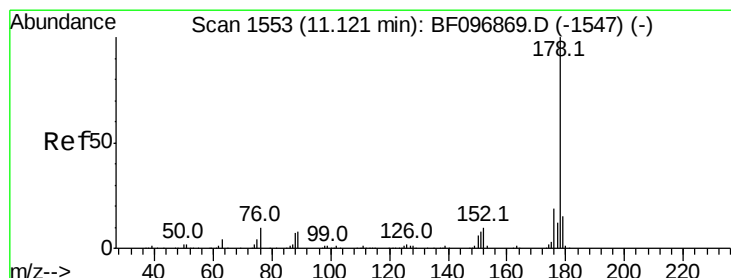
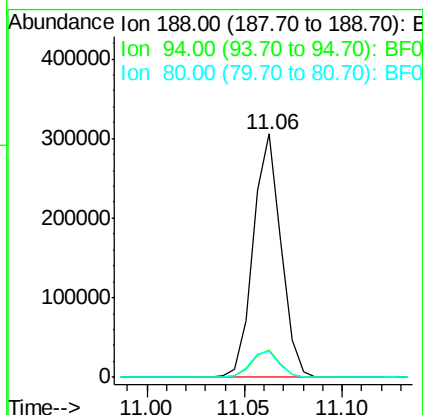
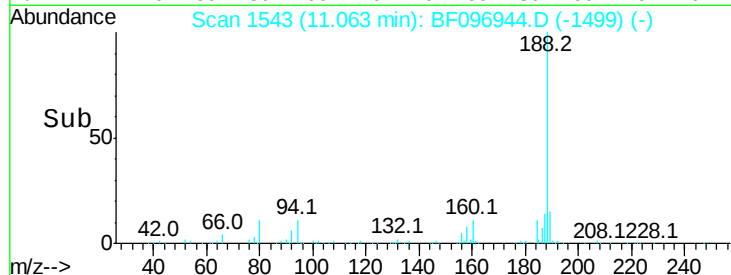
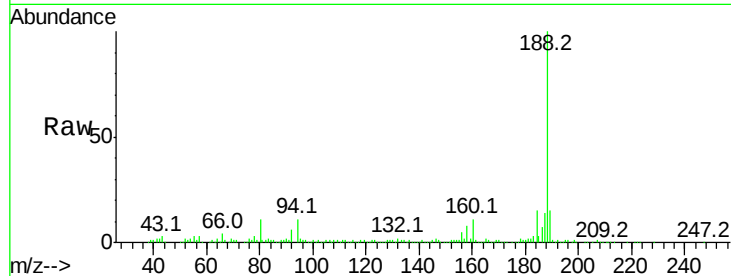




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.06 min Scan# 1543
Delta R.T. -0.04 min
Lab File: BF096944.D
Acq: 21 Jul 2017 15:13

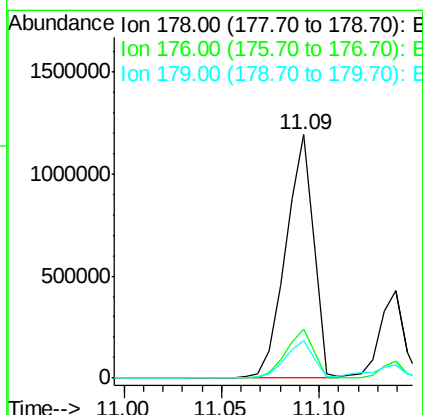
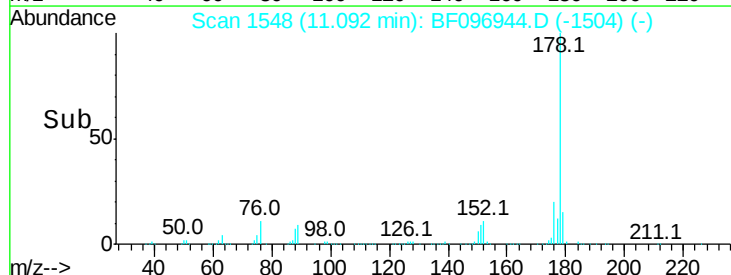
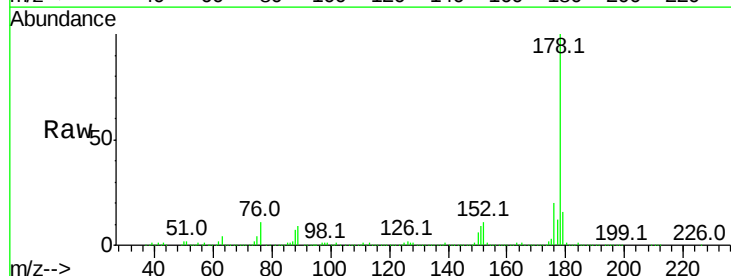
Instrument :
BNA_F
ClientSampleId :
E2-07-WSW

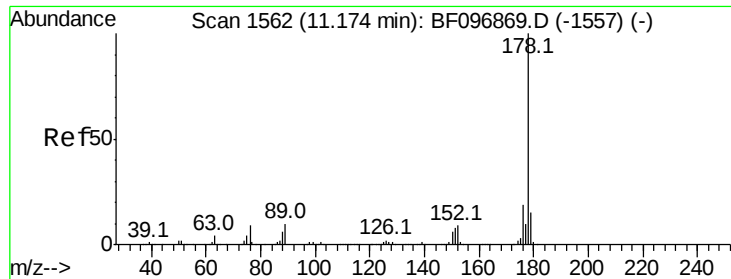
Tot Ion:188 Resp: 299791
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 10.9 10.2 15.2



#70
Phenanthrene
Concen: 71.993 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

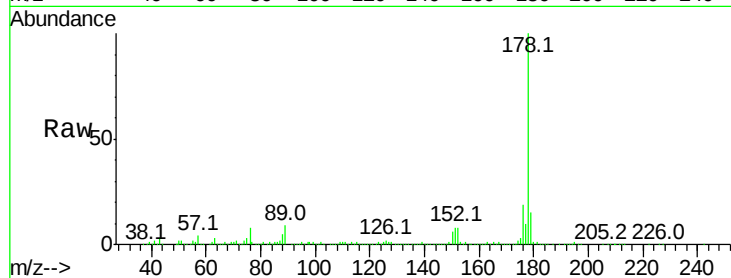




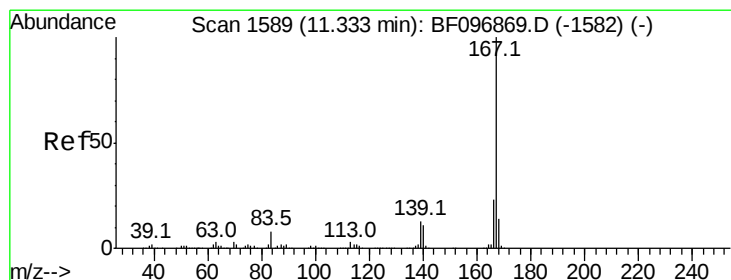
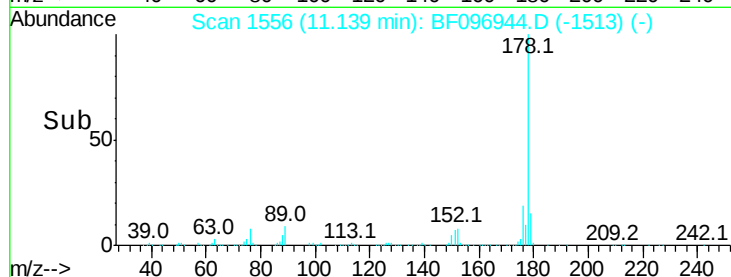
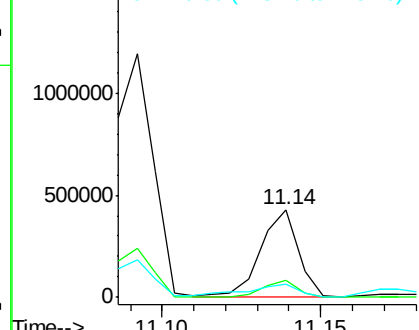
#71
 Anthracene
 Concen: 21.347 ng
 RT: 11.14 min Scan# 1556
 Delta R.T. -0.05 min
 Lab File: BF096944.D
 Acq: 21 Jul 2017 15:13

Instrument :
 BNA_F
 ClientSampleId :
 E2-07-WSW

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

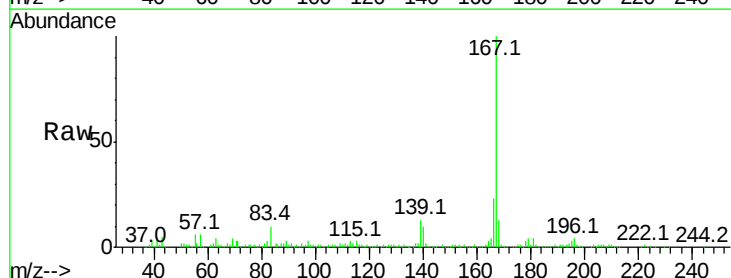


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

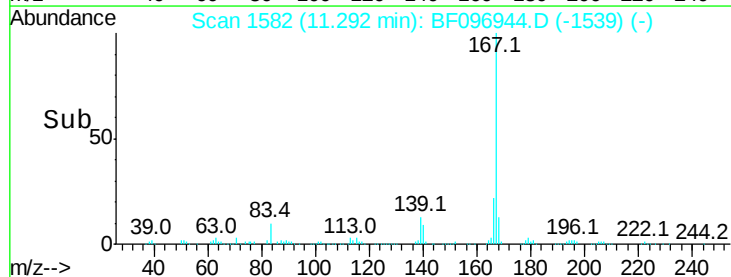
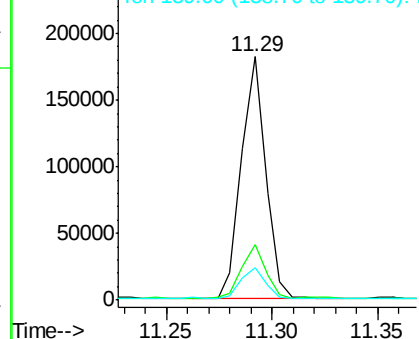


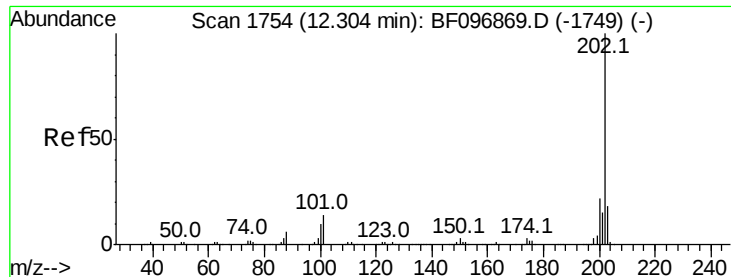
#72
 Carbazole
 Concen: 8.997 ng
 RT: 11.29 min Scan# 1582
 Delta R.T. -0.05 min
 Lab File: BF096944.D
 Acq: 21 Jul 2017 15:13

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: 51.276 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

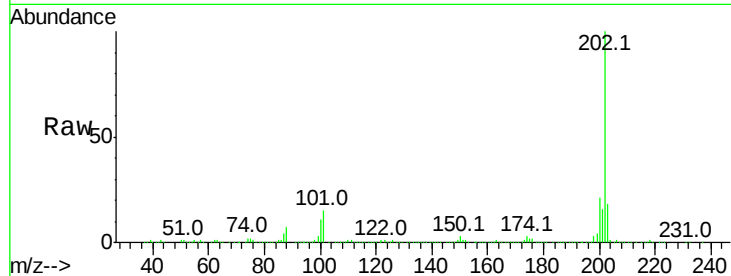
Tot Ion:202 Resp: 800037

Ion Ratio Lower Upper

202 100

101 14.6 0.0 33.2

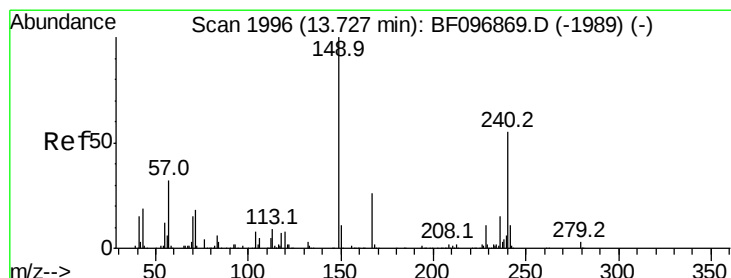
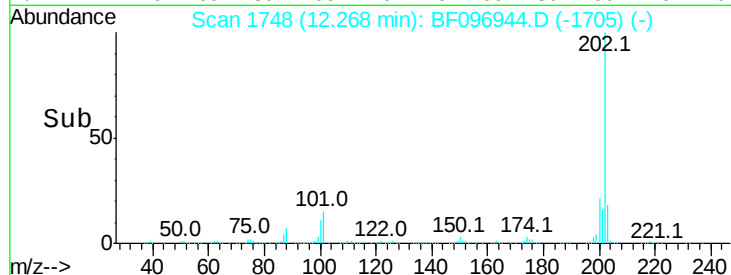
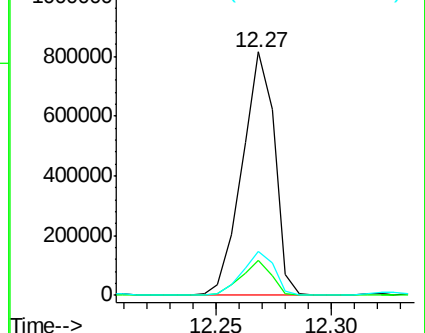
203 18.2 0.0 38.1



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: 20.000 ng

RT: 13.69 min Scan# 1989

Delta R.T. -0.05 min

Lab File: BF096944.D

Acq: 21 Jul 2017 15:13

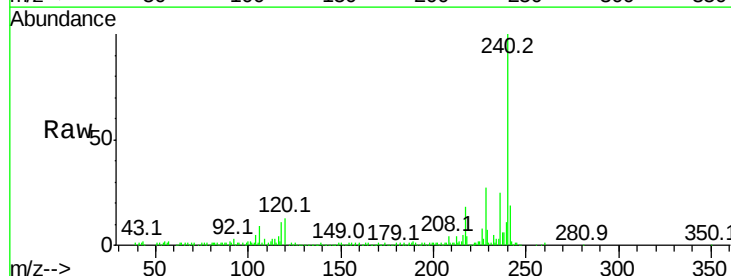
Tgt Ion:240 Resp: 177427

Ion Ratio Lower Upper

240 100

120 13.2 5.8 8.8#

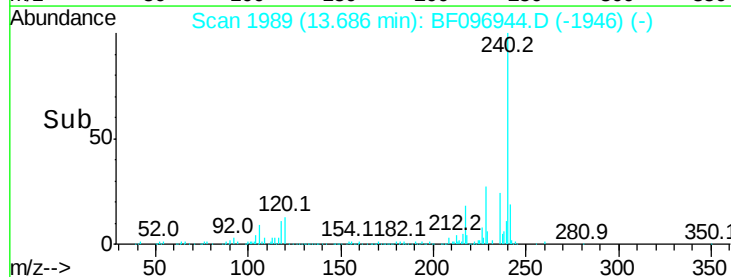
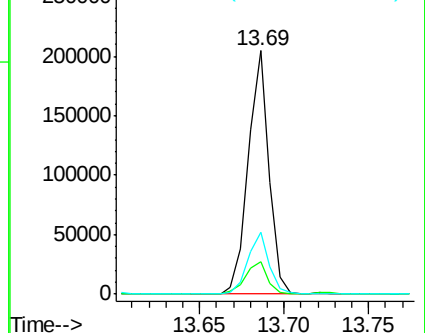
236 25.5 20.5 30.7

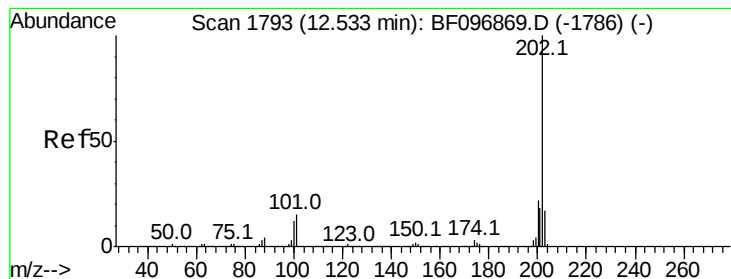


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 43.882 ng

RT: 12.49 min Scan# 1786

Delta R.T. -0.05 min

Lab File: BF096944.D

Acq: 21 Jul 2017 15:13

Instrument :

BNA_F

ClientSampleId :

E2-07-WSW

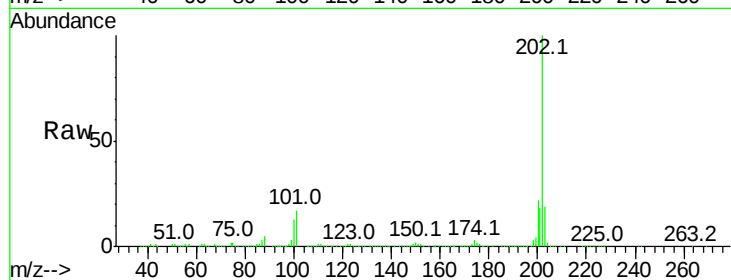
Tot Ion:202 Resp: 706607

Ion Ratio Lower Upper

202 100

200 21.7 17.6 26.4

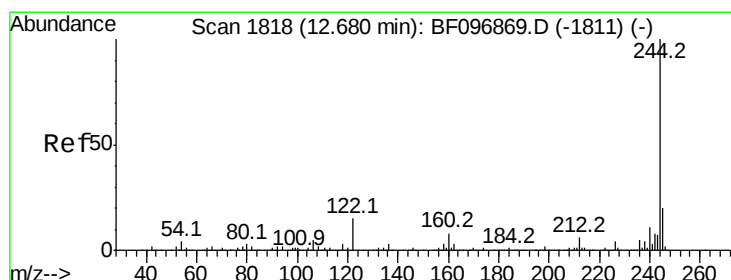
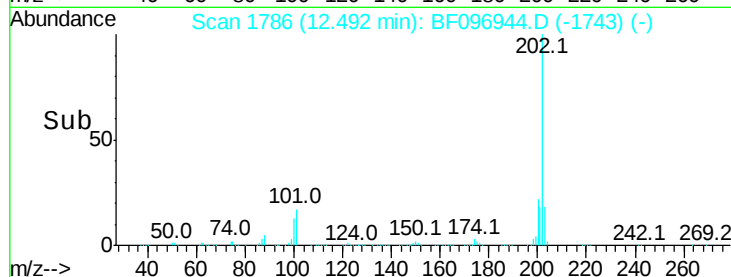
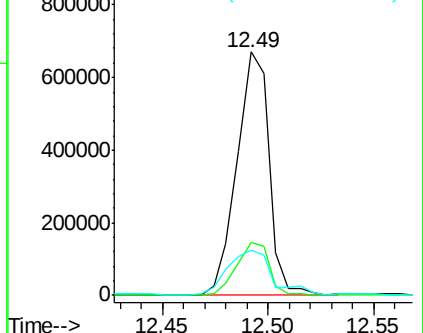
203 18.5 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 1.466 ng

RT: 12.64 min Scan# 1811

Delta R.T. -0.05 min

Lab File: BF096944.D

Acq: 21 Jul 2017 15:13

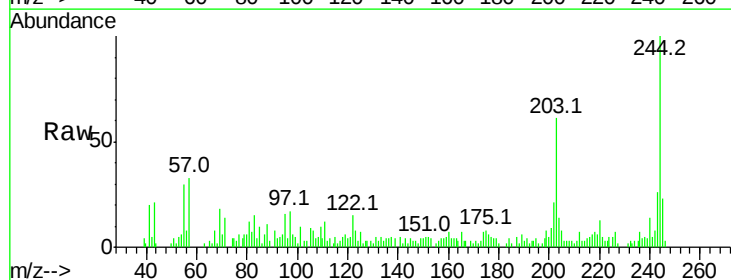
Tgt Ion:244 Resp: 14995

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

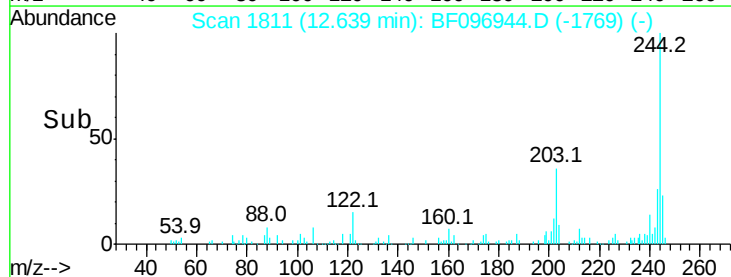
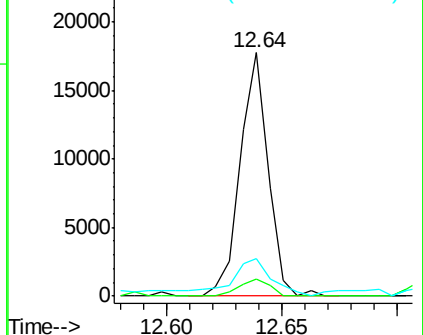
122 15.4 10.3 15.5

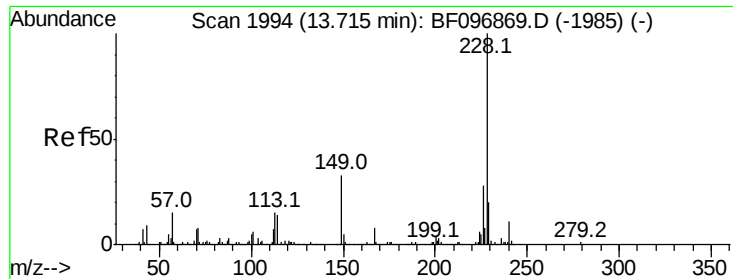


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

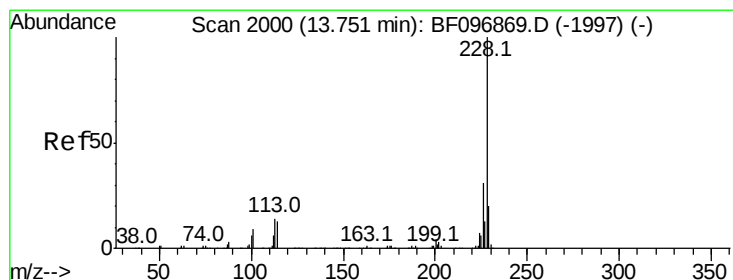
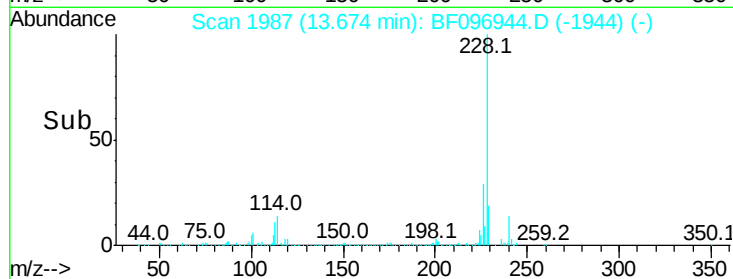
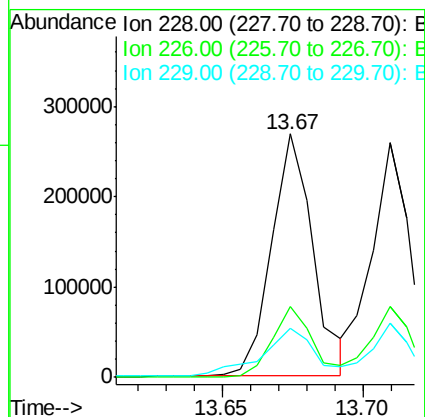
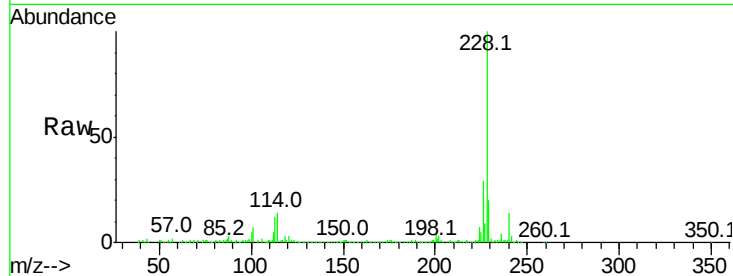




#80
Benzo(a)anthracene
Concen: 24.843 ng
RT: 13.67 min Scan# 1987
Delta R.T. -0.05 min
Lab File: BF096944.D
Acq: 21 Jul 2017 15:13

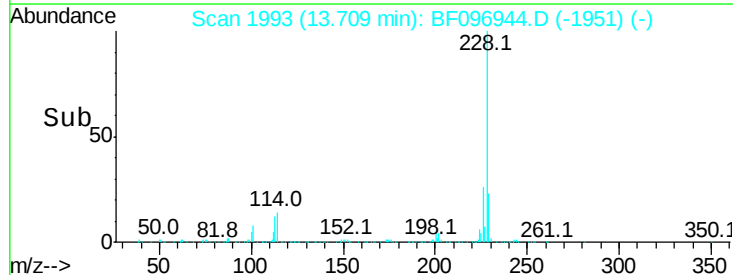
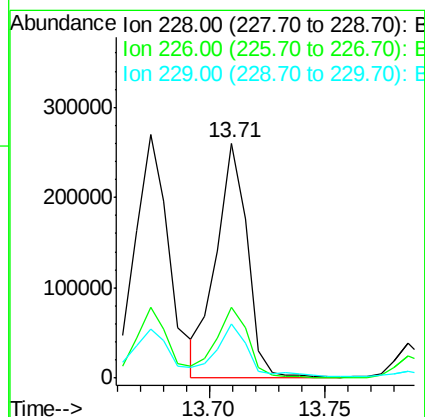
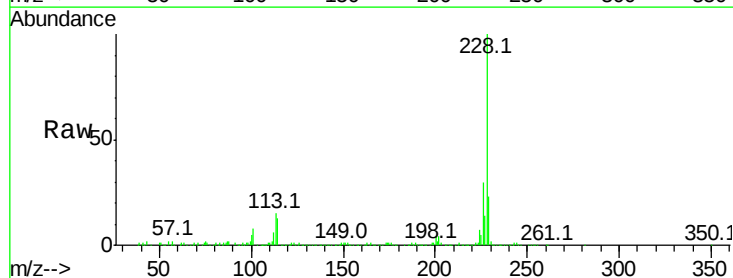
Instrument :
BNA_F
ClientSampleId :
E2-07-WSW

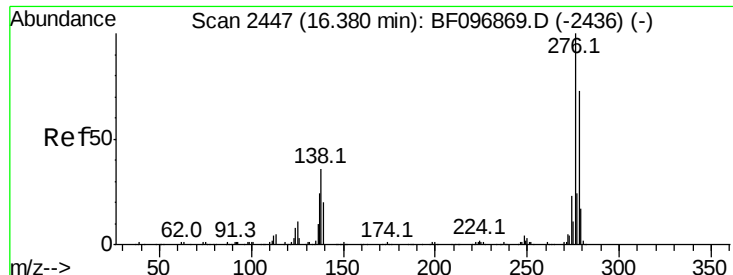
Tot Ion:228 Resp: 274643
Ion Ratio Lower Upper
228 100
226 28.8 22.6 33.8
229 20.2 16.3 24.5



#82
Chrysene
Concen: 22.134 ng
RT: 13.71 min Scan# 1993
Delta R.T. -0.05 min
Lab File: BF096944.D
Acq: 21 Jul 2017 15:13

Tgt Ion:228 Resp: 240895
Ion Ratio Lower Upper
228 100
226 30.2 24.9 37.3
229 22.8 15.8 23.6

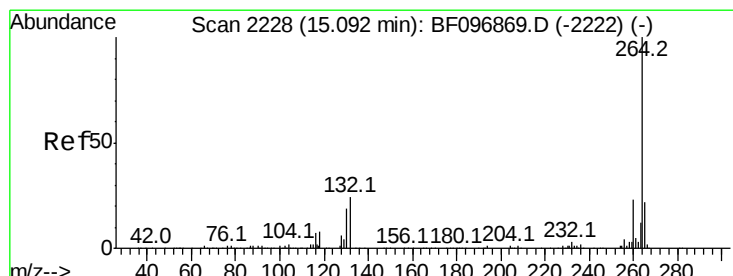
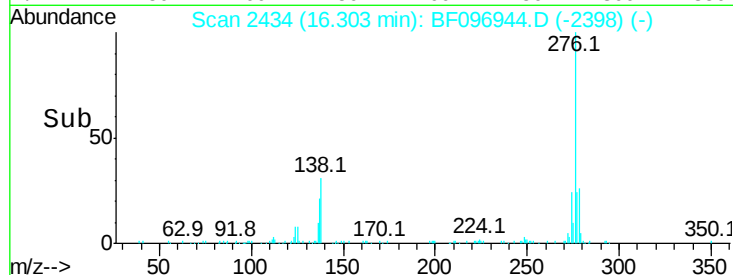
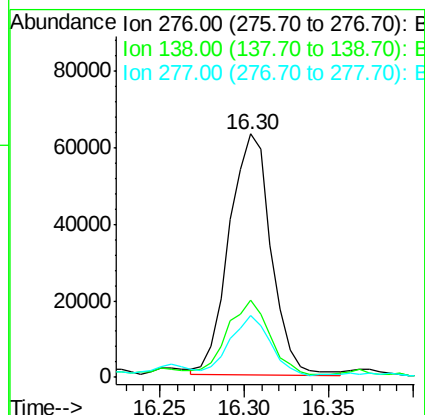
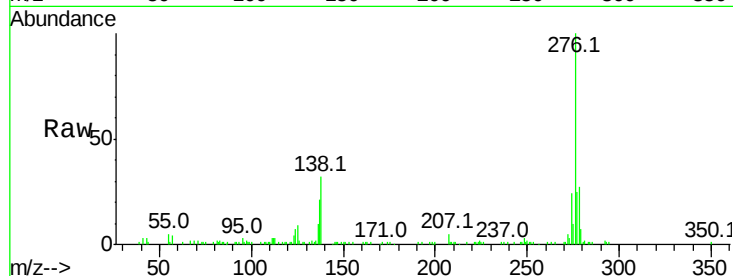




#85
Indeno(1,2,3-cd)pyrene
Concen: 13.607 ng
RT: 16.30 min Scan# 2434
Delta R.T. -0.09 min
Lab File: BF096944.D
Acq: 21 Jul 2017 15:13

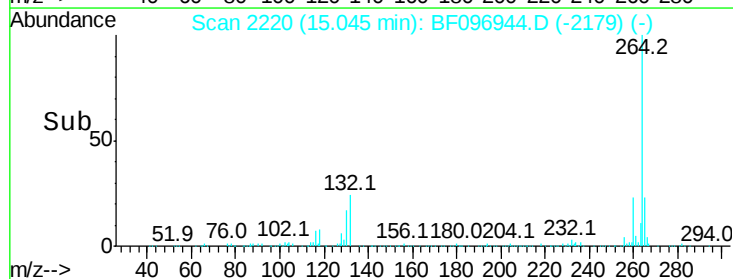
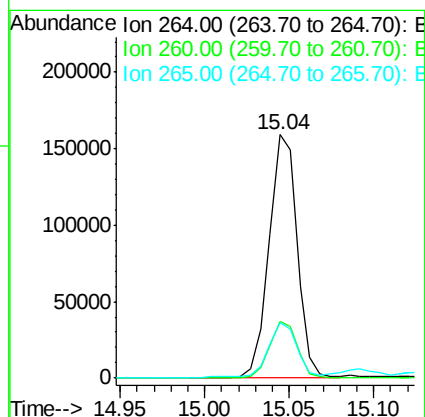
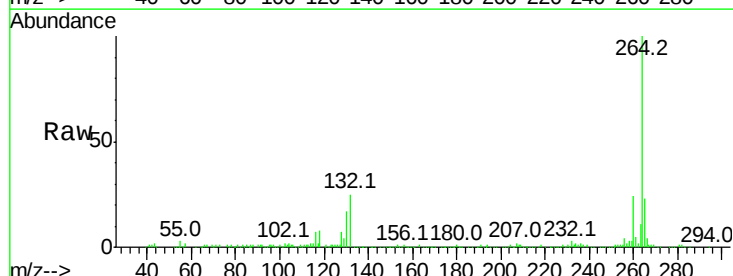
Instrument :
BNA_F
ClientSampleId :
E2-07-WSW

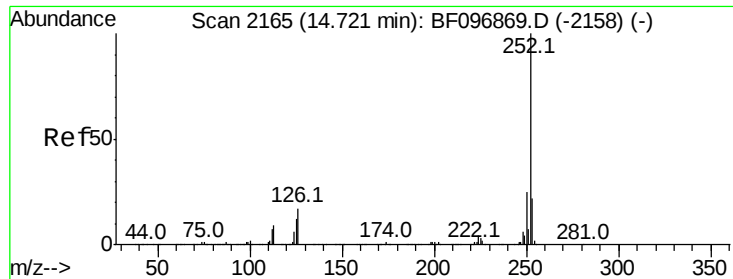
Tot Ion:276 Resp: 109102
Ion Ratio Lower Upper
276 100
138 30.7 27.8 41.6
277 23.3 20.2 30.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.04 min Scan# 2220
Delta R.T. -0.06 min
Lab File: BF096944.D
Acq: 21 Jul 2017 15:13

Tgt Ion:264 Resp: 184374
Ion Ratio Lower Upper
264 100
260 23.6 19.5 29.3
265 22.8 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 25.069 ng m

RT: 14.68 min Scan# 2158

Delta R.T. -0.05 min

Lab File: BF096944.D

Acq: 21 Jul 2017 15:13

Instrument :

BNA_F

ClientSampleId :

E2-07-WSW

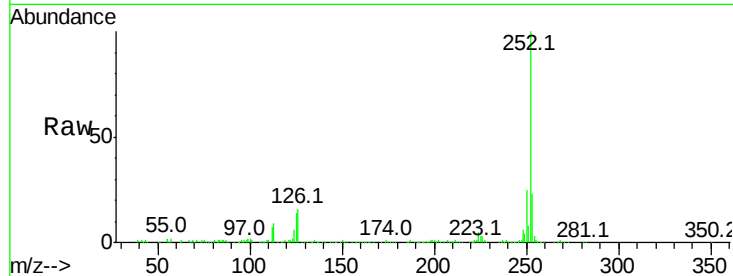
Tot Ion:252 Resp: 278765

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

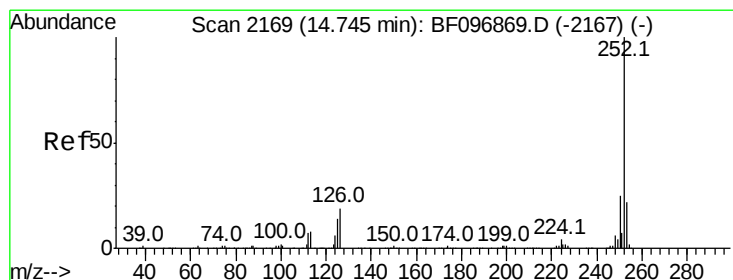
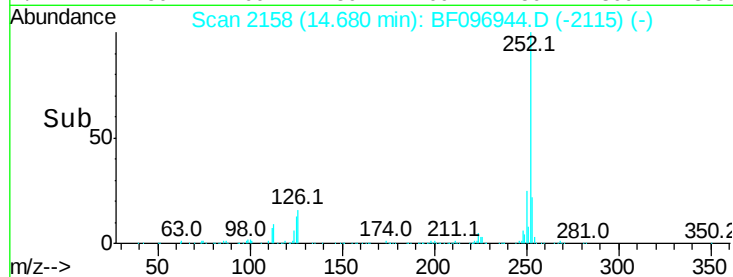
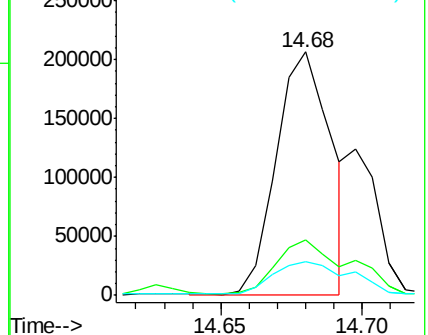
125 13.8 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 8.902 ng m

RT: 14.70 min Scan# 2161

Delta R.T. -0.06 min

Lab File: BF096944.D

Acq: 21 Jul 2017 15:13

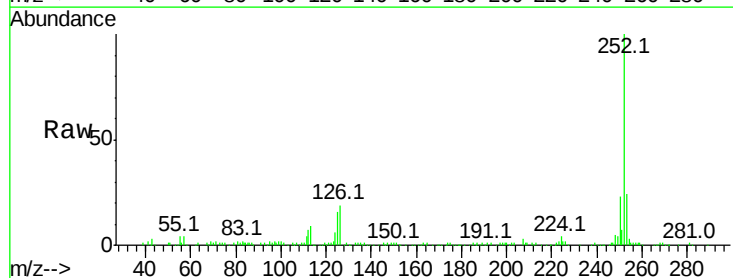
Tgt Ion:252 Resp: 93737

Ion Ratio Lower Upper

252 100

253 24.1 18.4 27.6

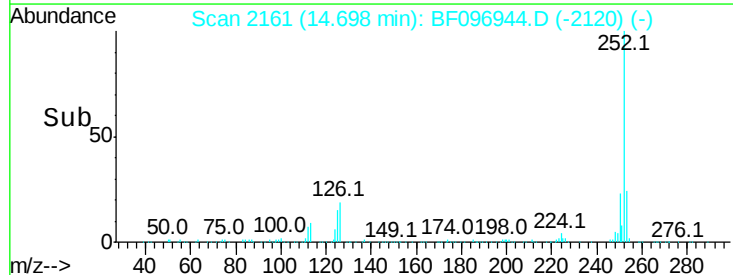
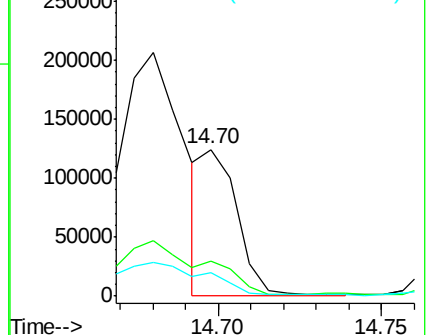
125 16.1 13.1 19.7

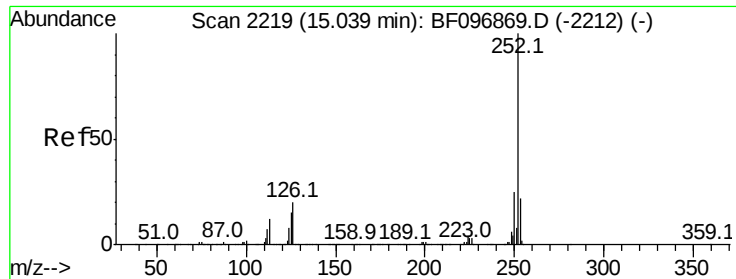


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

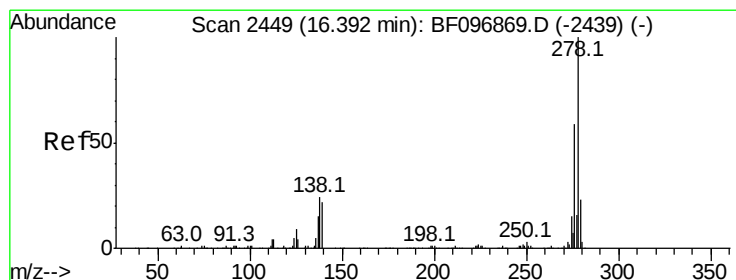
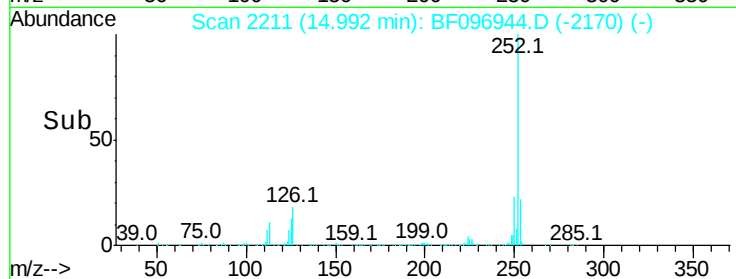
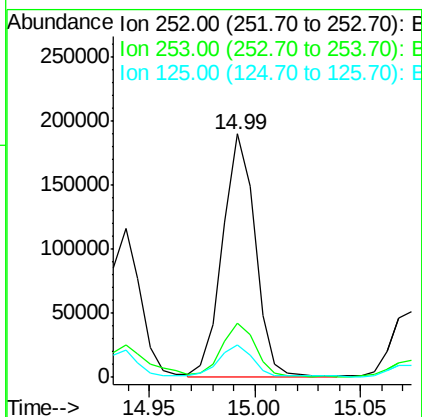
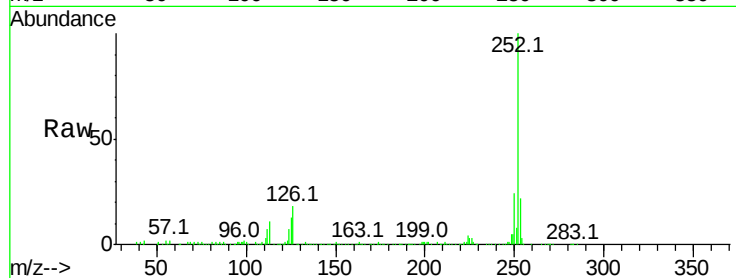




#89
Benzo(a)pyrene
Concen: 19.683 ng
RT: 14.99 min Scan# 2211
Delta R.T. -0.06 min
Lab File: BF096944.D
Acq: 21 Jul 2017 15:13

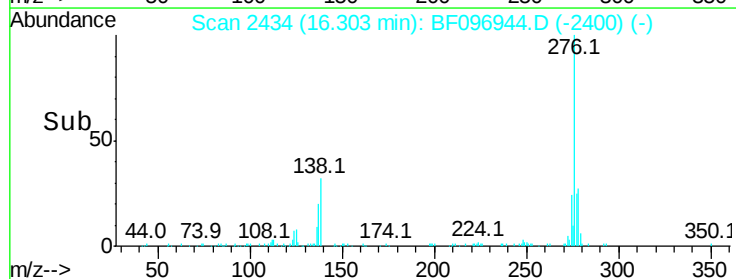
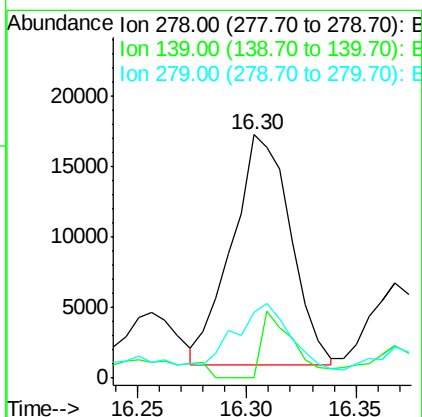
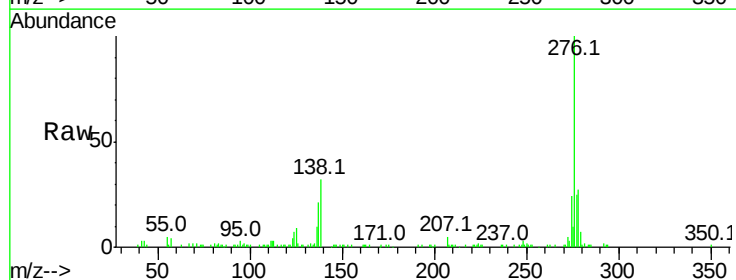
Instrument :
BNA_F
ClientSampleId :
E2-07-WSW

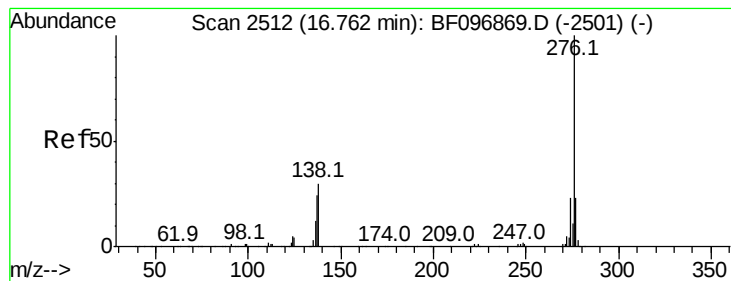
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	13.3	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 3.244 ng m
RT: 16.30 min Scan# 2434
Delta R.T. -0.10 min
Lab File: BF096944.D
Acq: 21 Jul 2017 15:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.6	24.8#
279	26.9	19.3	28.9

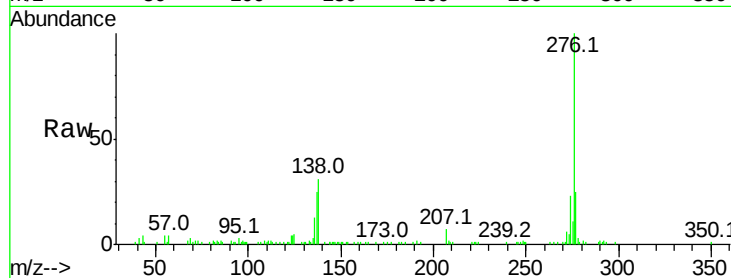




#91
 Benzo(a,h,i)perylene
 Concen: 9.438 ng
 RT: 16.68 min Scan# 2498
 Delta R.T. -0.10 min
 Lab File: BF096944.D
 Acq: 21 Jul 2017 15:13

Instrument :
 BNA_F
 ClientSampleId :
 E2-07-WSW

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.6	28.0
138	31.4	25.4	38.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

