

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
 Data File : BF093682.D
 Acq On : 15 Mar 2017 21:49
 Operator : SJ/MA
 Sample : I2264-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-EE8-WSW

Quant Time: Mar 16 01:44:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	175390	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	641261	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	272309	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	401868	20.00	ng	0.00
75) Chrysene-d12	13.90	240	324512	20.00	ng	0.01
86) Perylene-d12	15.31	264	338669	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1323691	125.61	ng	-0.01
7) Phenol-d6	6.37	99	1619536	121.87	ng	-0.01
23) Nitrobenzene-d5	7.28	82	968936	83.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	190460	107.35	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	1089024	74.39	ng	-0.01
78) Terphenyl-d14	12.84	244	703476	56.36	ng	0.01

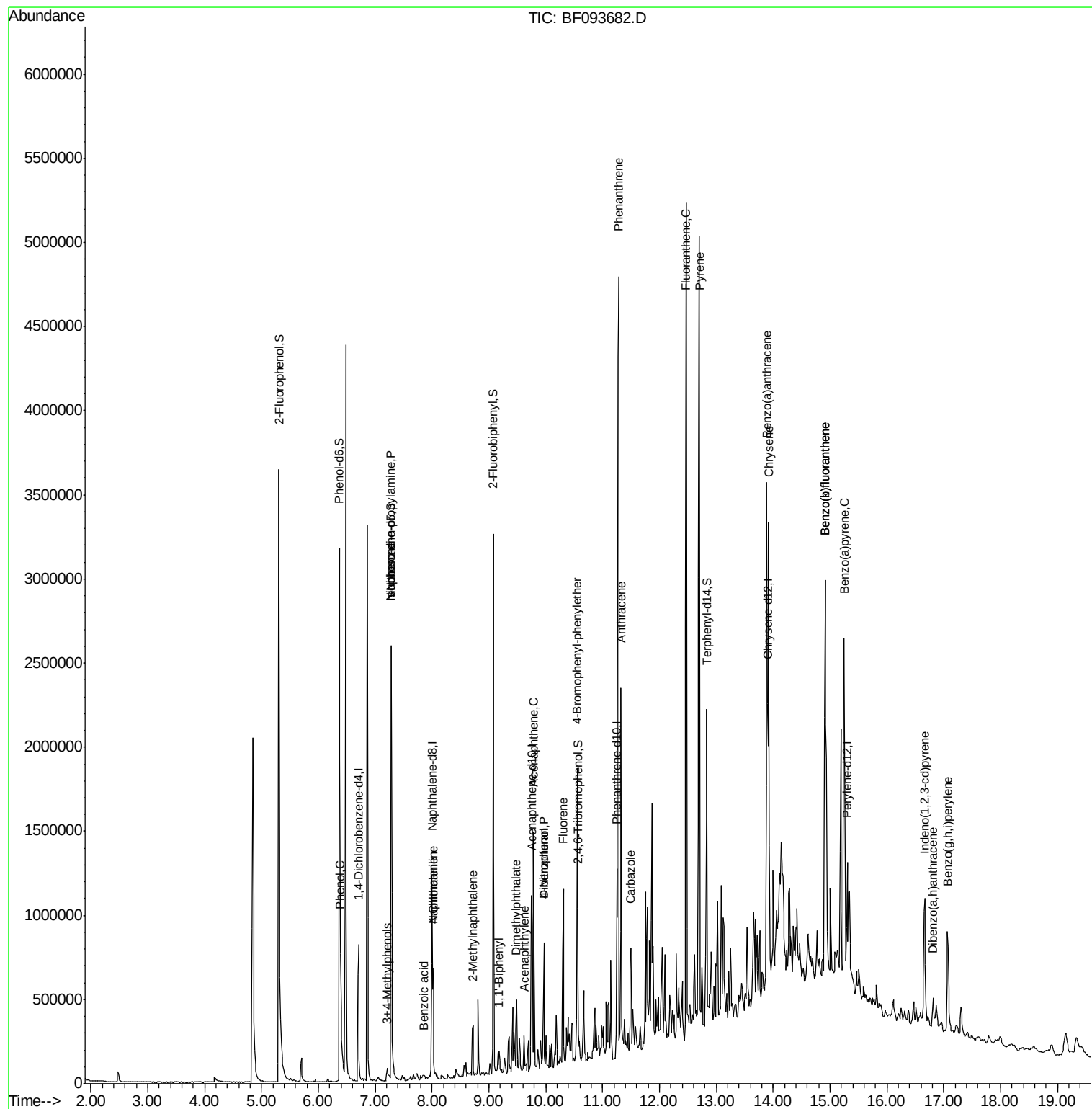
Target Compounds						Qvalue
10) Phenol	6.39	94	127925	7.86	ng	80
19) n-Nitroso-di-n-propylamine	7.28	70	132877	14.54	ng	# 86
20) 3+4-Methylphenols	7.21	107	26108	2.02	ng	# 80
25) Isophorone	7.28	82	950088	40.77	ng	# 65
31) Naphthalene	8.02	128	385293	11.99	ng	98
32) Benzoic acid	7.85	122	11842	2.36	ng	# 26
33) 4-Chloroaniline	8.02	127	50710	3.89	ng	# 36
37) 2-Methylnaphthalene	8.72	142	126458	6.18	ng	98
45) 1,1'-Biphenyl	9.18	154	47334	2.39	ng	92
48) Acenaphthylene	9.62	152	79942	3.19	ng	99
49) Dimethylphthalate	9.49	163	174255	9.65	ng	99
51) Acenaphthene	9.78	154	330479	22.32	ng	97
54) Dibenzofuran	9.97	168	295827	15.96	ng	92
55) 4-Nitrophenol	9.97	139	109767	47.49	ng	# 6
57) Fluorene	10.31	166	366531	23.34	ng	99
66) 4-Bromophenyl-phenylether	10.55	248	14042	3.30	ng	# 1
70) Phenanthrene	11.28	178	2672543	116.51	ng	99
71) Anthracene	11.33	178	874154	37.67	ng	98
72) Carbazole	11.50	167	292571	13.42	ng	97
74) Fluoranthene	12.47	202	2359431	106.49	ng	98
77) Pyrene	12.70	202	2226069	94.32	ng	99
80) Benzo(a)anthracene	13.89	228	1476716	77.06	ng	96
82) Chrysene	13.92	228	933926	52.67	ng	98
85) Indeno(1,2,3-cd)pyrene	16.67	276	543183	36.60	ng	97
87) Benzo(b)fluoranthene	14.92	252	1898306	92.03	ng	98
88) Benzo(k)fluoranthene	14.92	252	1898306	95.43	ng	# 98
89) Benzo(a)pyrene	15.25	252	1059516	56.21	ng	# 95
90) Dibenzo(a,h)anthracene	16.81	278	127698	8.19	ng	94
91) Benzo(g,h,i)perylene	17.07	276	501923	31.36	ng	# 88

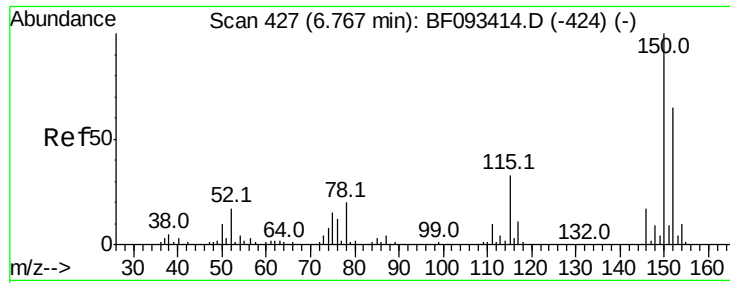
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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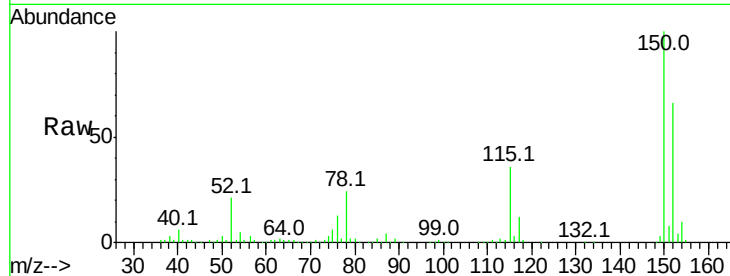


#1

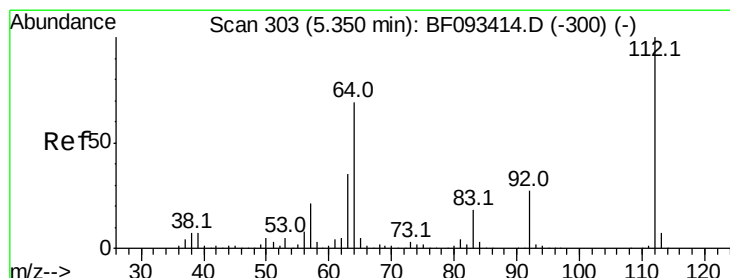
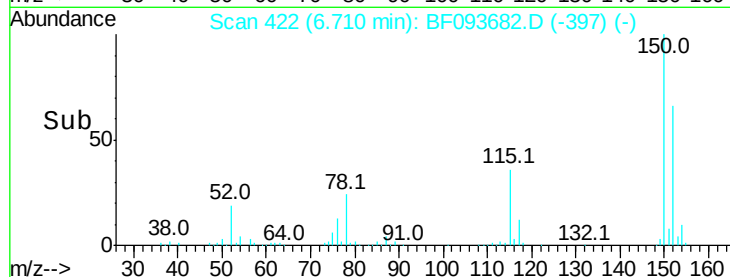
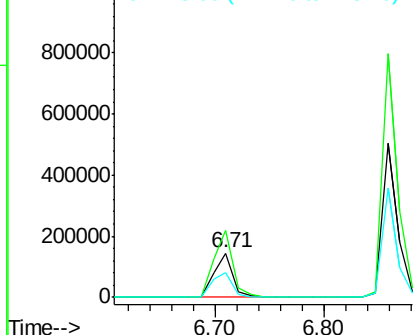
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093682.D
Acq: 15 Mar 2017 21:49

Instrument :
BNA_F
ClientSampleId :
E2-EE8-WSW

Tot Ion:152 Resp: 175390
Ion Ratio Lower Upper
152 100
150 150.9 124.9 187.3
115 54.7 46.0 69.0



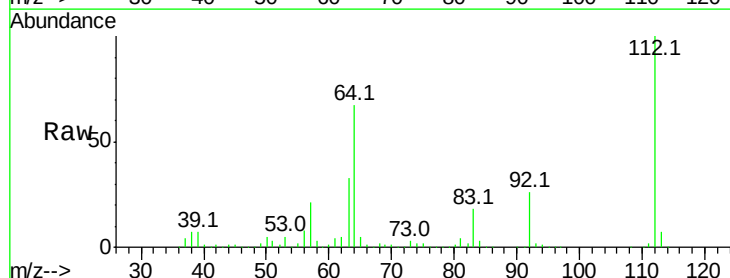
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



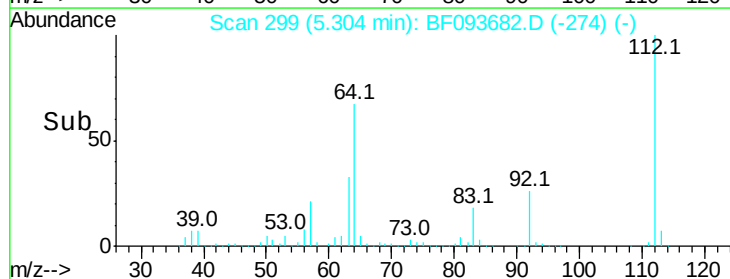
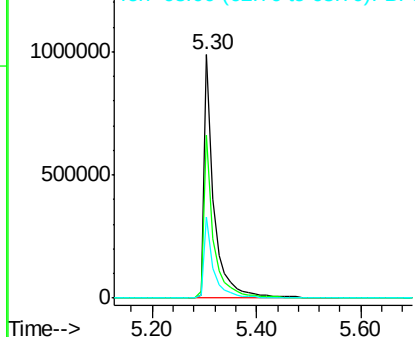
#5

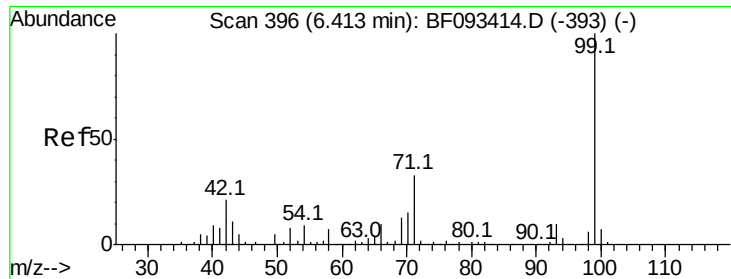
2-Fluorophenol
Concen: 125.61 ng
RT: 5.30 min Scan# 299
Delta R.T. -0.01 min
Lab File: BF093682.D
Acq: 15 Mar 2017 21:49

Tgt Ion:112 Resp: 1323691
Ion Ratio Lower Upper
112 100
64 66.8 46.1 69.1
63 33.4 23.8 35.6



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: 121.87 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093682.D

Acq: 15 Mar 2017 21:49

Instrument :

BNA_F

ClientSampleId :

E2-EE8-WSW

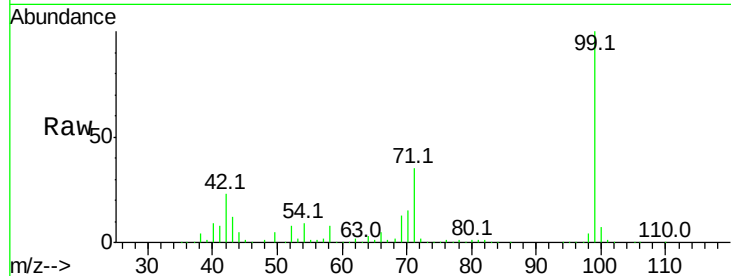
Tot Ion: 99 Resp: 1619536

Ion Ratio Lower Upper

99 100

42 23.0 15.6 23.4

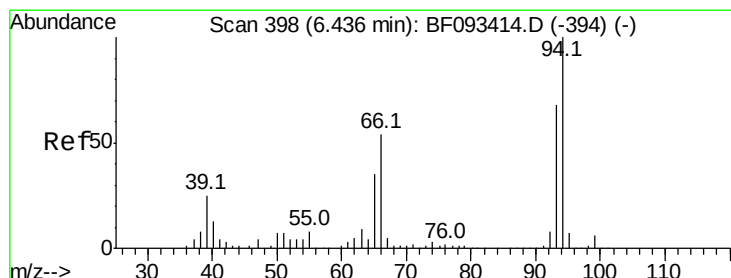
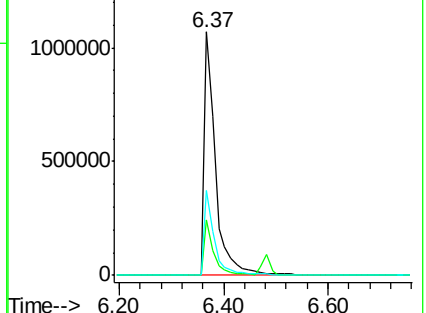
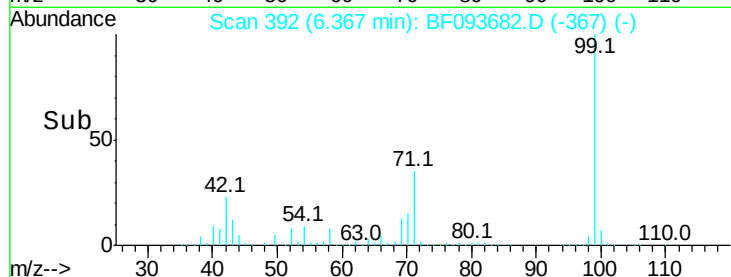
71 34.8 27.5 41.3



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



#10

Phenol

Concen: 7.86 ng

RT: 6.39 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF093682.D

Acq: 15 Mar 2017 21:49

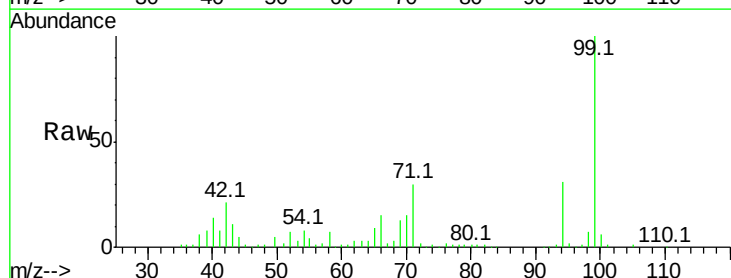
Tgt Ion: 94 Resp: 127925

Ion Ratio Lower Upper

94 100

65 29.1 21.4 61.4

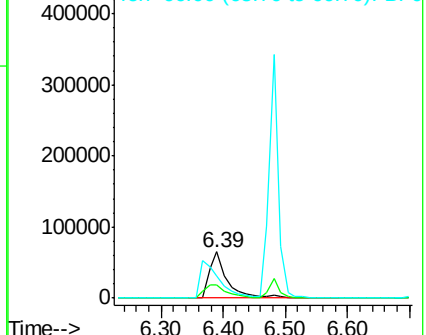
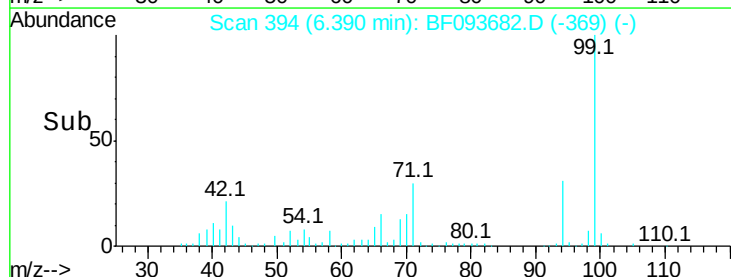
66 48.3 44.0 84.0

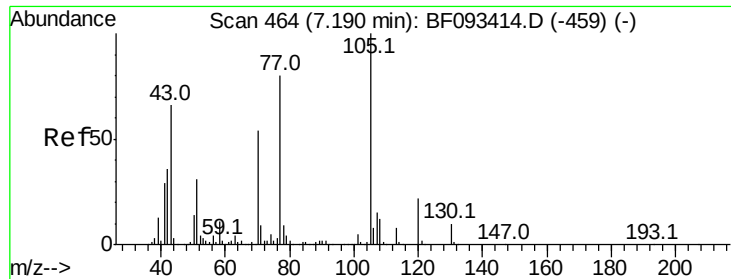


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

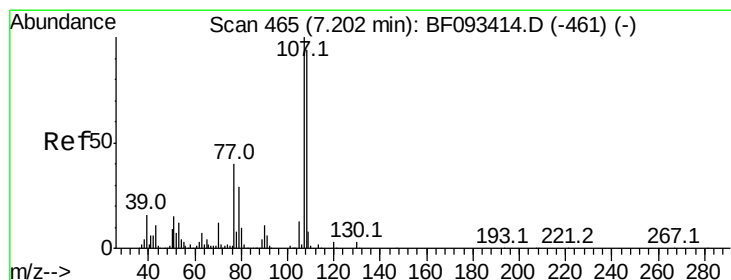
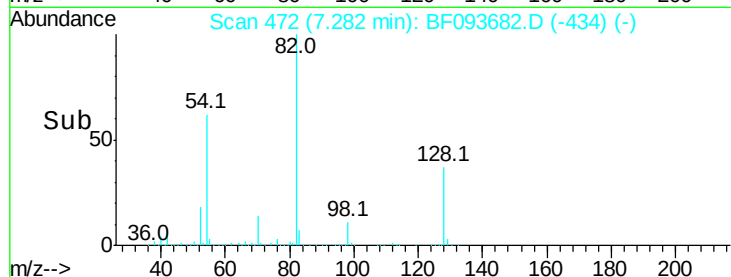
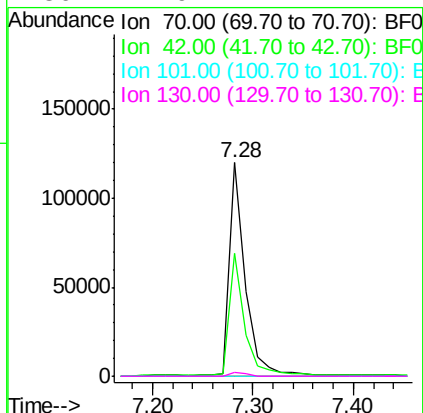
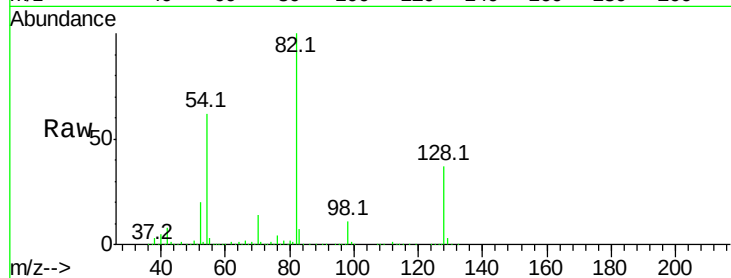




#19
n-Nitroso-di-n-propylamine
Concen: 14.54 ng
RT: 7.28 min Scan# 472
Delta R.T. 0.14 min
Lab File: BF093682.D
Acq: 15 Mar 2017 21:49

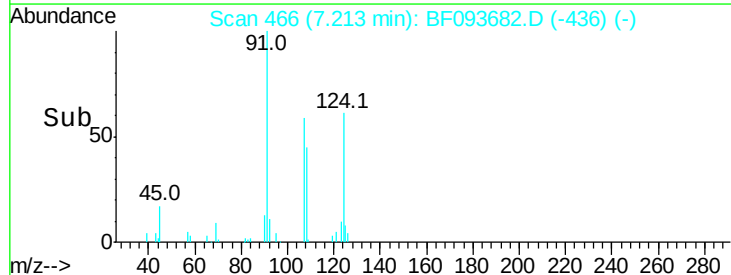
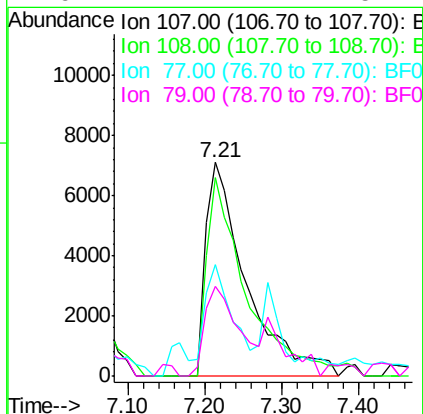
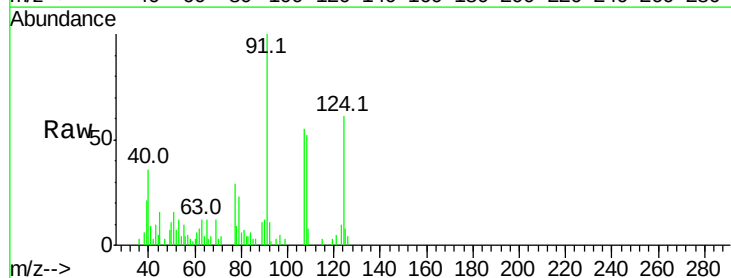
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E2-EE8-WSW

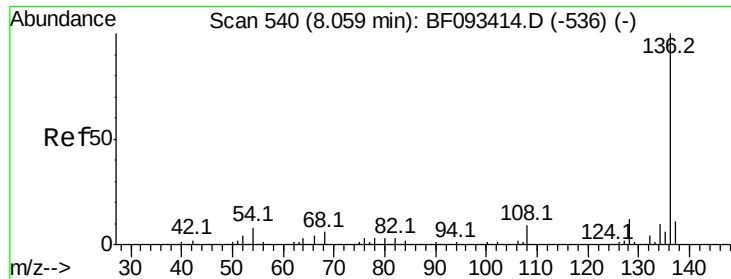
Tot Ion: 70 Resp: 132877
Ion Ratio Lower Upper
70 100
42 57.7 49.4 74.0
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#



#20
3+4-Methylphenols
Concen: 2.02 ng
RT: 7.21 min Scan# 466
Delta R.T. 0.05 min
Lab File: BF093682.D
Acq: 15 Mar 2017 21:49

Tgt Ion:107 Resp: 26108
Ion Ratio Lower Upper
107 100
108 93.1 73.0 113.0
77 52.4 71.3 111.3#
79 41.7 11.1 51.1

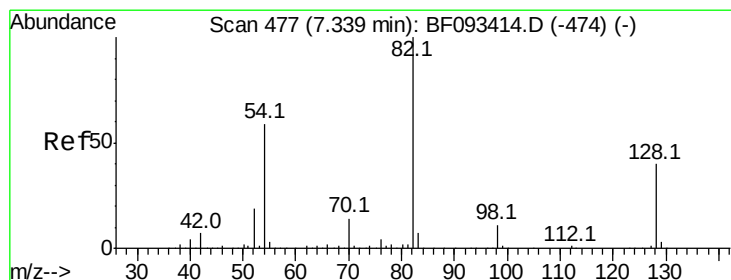
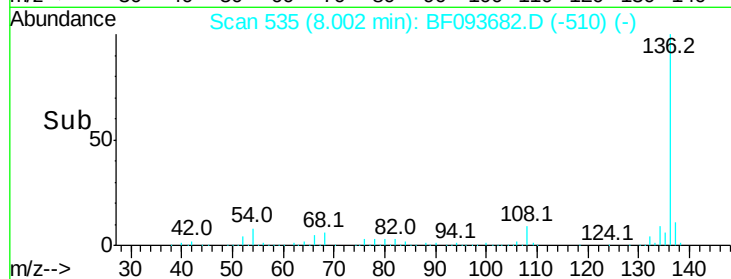
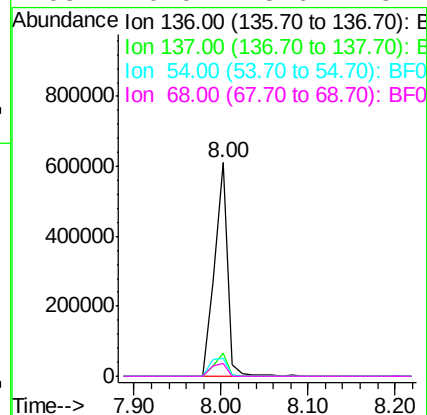
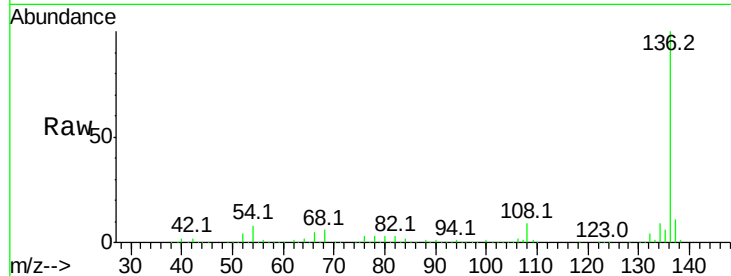




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093682.D
Acq: 15 Mar 2017 21:49

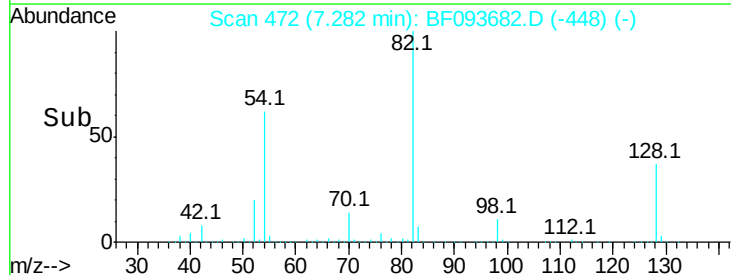
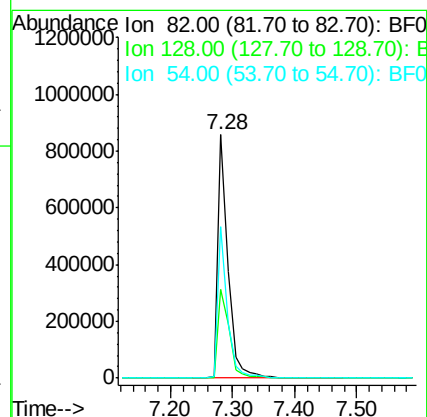
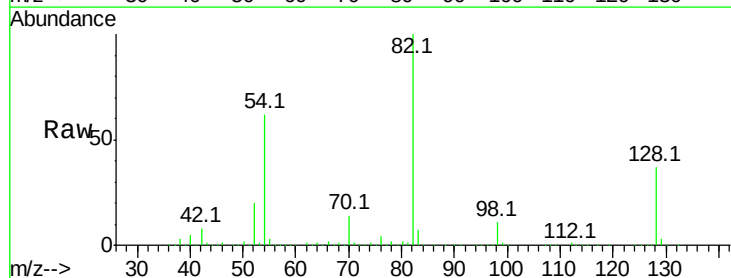
Instrument :
BNA_F
ClientSampleId :
E2-EE8-WSW

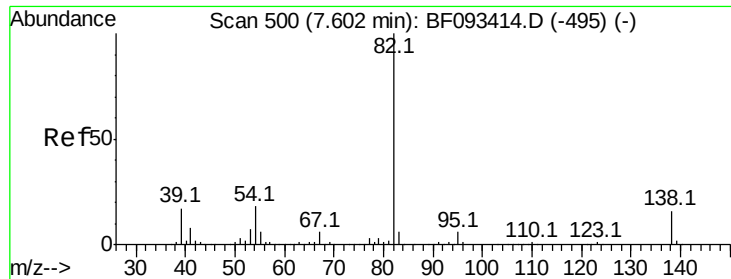
Tot Ion:	136	Resp:	641261
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	8.2	4.5	6.7#
68	6.0	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 83.84 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF093682.D
Acq: 15 Mar 2017 21:49

Tgt Ion:	82	Resp:	968936
Ion	Ratio	Lower	Upper
82	100		
128	36.6	34.6	52.0
54	62.3	39.5	59.3#





#25

Isophorone

Concen: 40.77 ng

RT: 7.28 min Scan# 472

Delta R.T. -0.27 min

Lab File: BF093682.D

Acq: 15 Mar 2017 21:49

Instrument :

BNA_F

ClientSampleId :

E2-EE8-WSW

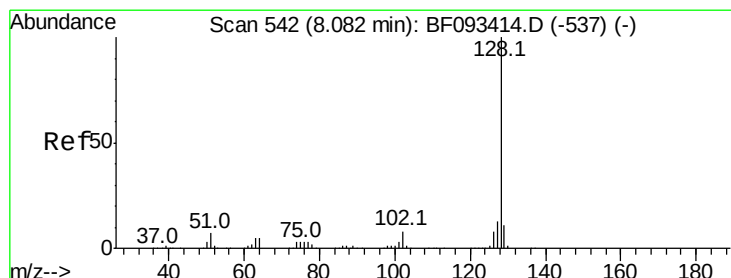
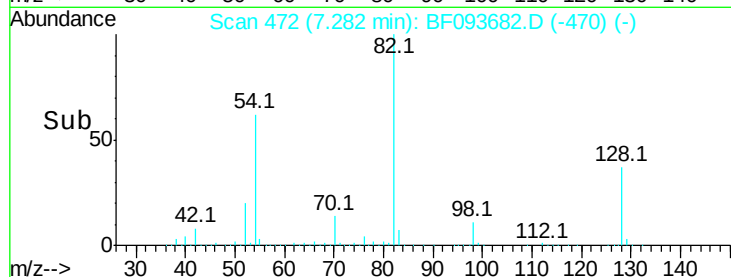
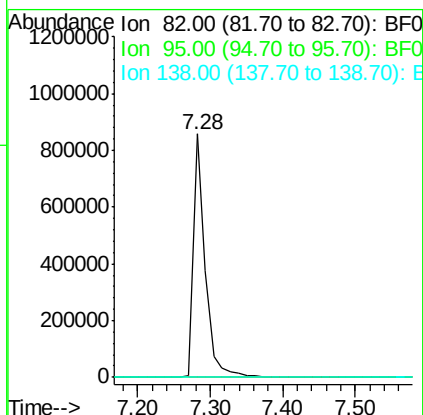
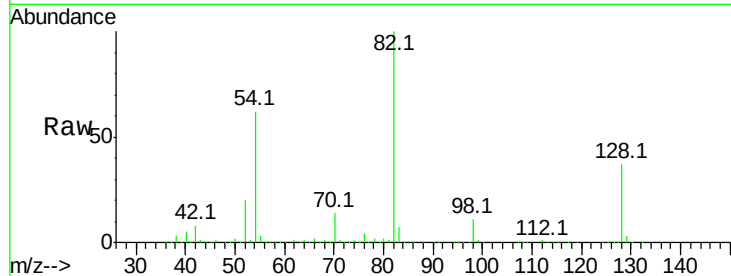
Tot Ion: 82 Resp: 950088

Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

138 0.0 14.6 22.0#



#31

Naphthalene

Concen: 11.99 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF093682.D

Acq: 15 Mar 2017 21:49

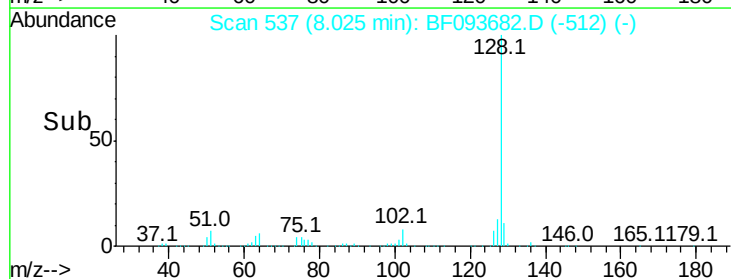
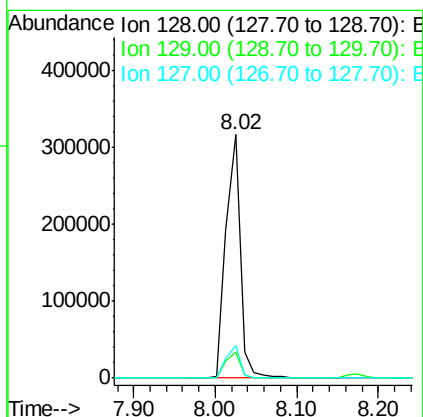
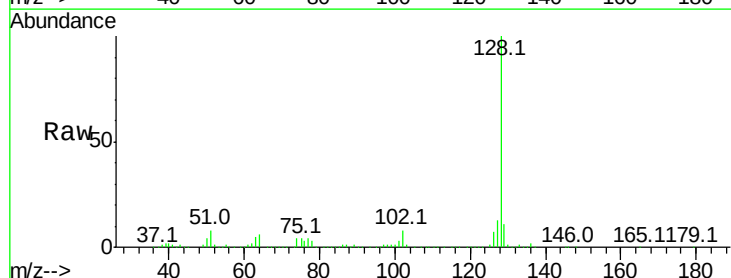
Tgt Ion: 128 Resp: 385293

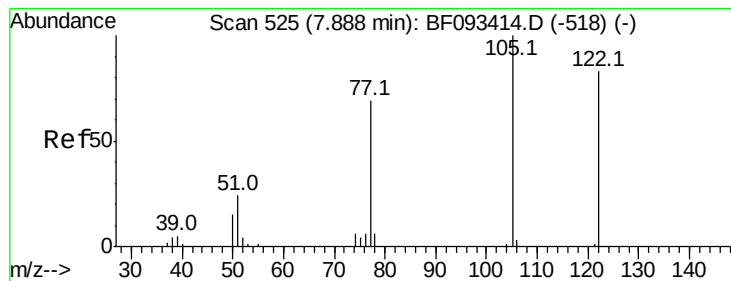
Ion Ratio Lower Upper

128 100

129 10.7 9.5 14.3

127 13.3 10.8 16.2





#32

Benzoic acid

Concen: 2.36 ng

RT: 7.85 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF093682.D

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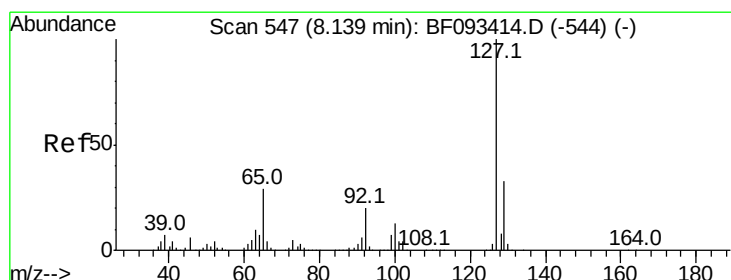
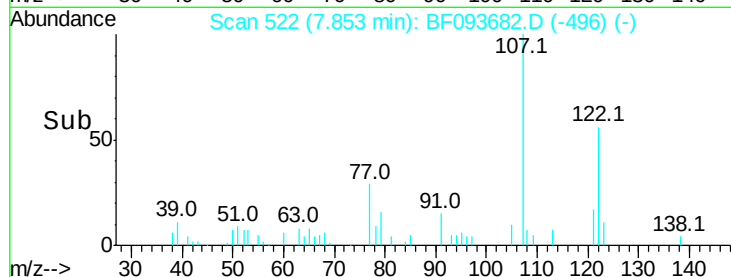
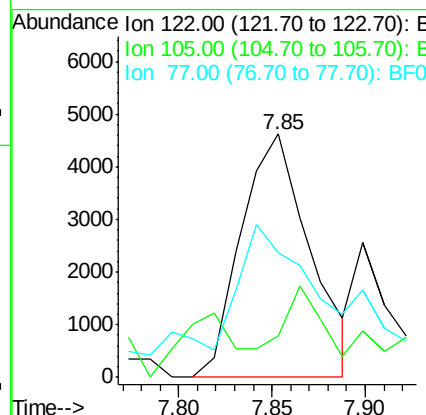
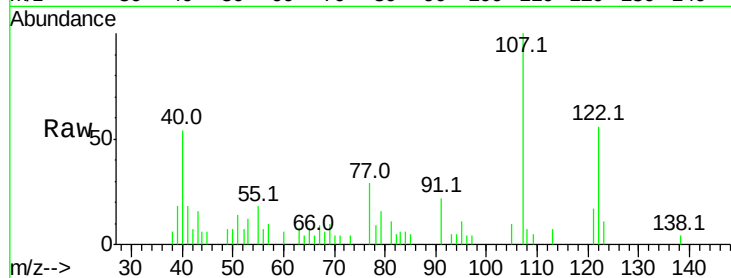
Tot Ion:122 Resp: 11842

Ion Ratio Lower Upper

122 100

105 17.1 107.2 147.2#

77 51.1 74.5 114.5#



#33

4-Chloroaniline

Concen: 3.89 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.07 min

Lab File: BF093682.D

Acq: 15 Mar 2017 21:49

Tgt Ion:127 Resp: 50710

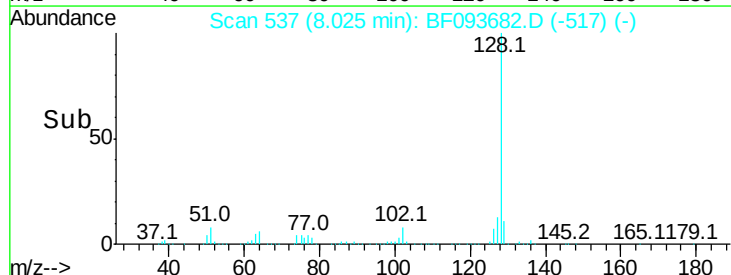
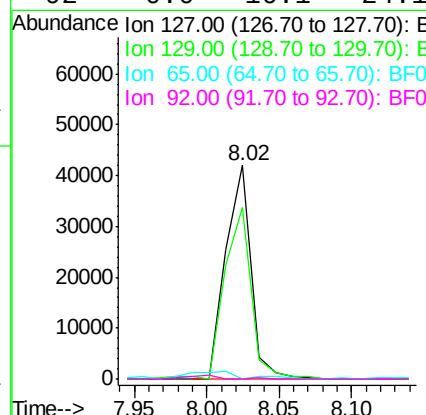
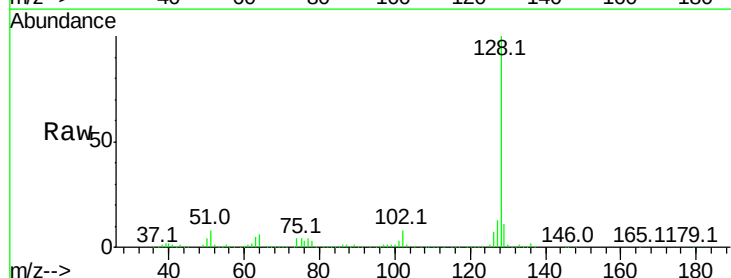
Ion Ratio Lower Upper

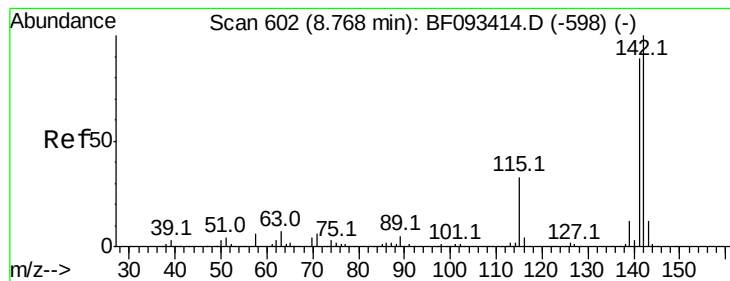
127 100

129 80.2 26.3 39.5#

65 0.0 25.8 38.8#

92 0.0 16.1 24.1#

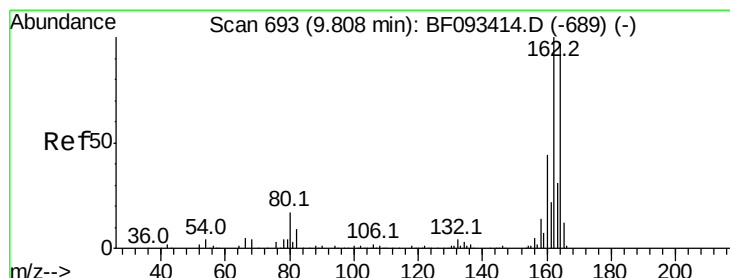
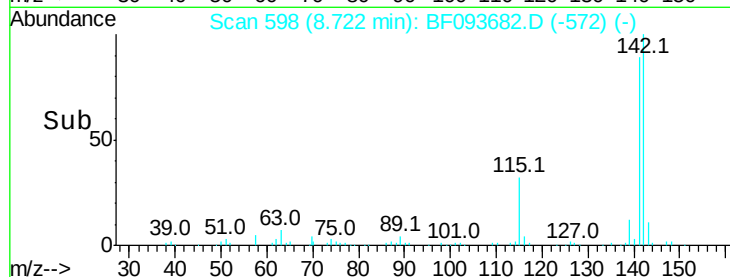
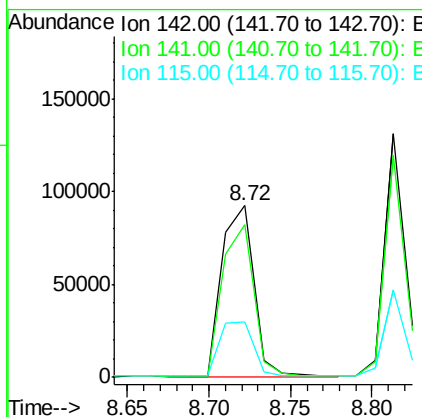
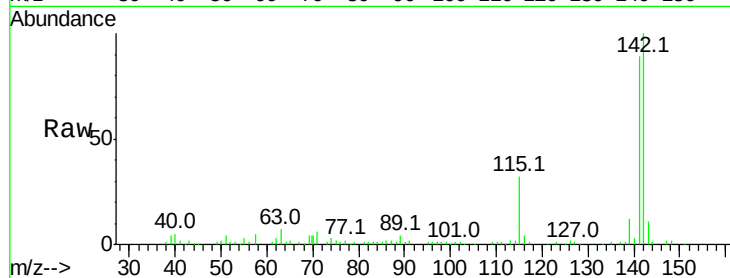




#37
2-Methylnaphthalene
Concen: 6.18 ng
RT: 8.72 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF093682.D
Acq: 15 Mar 2017 21:49

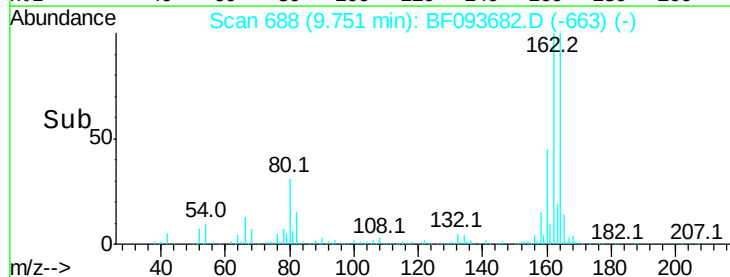
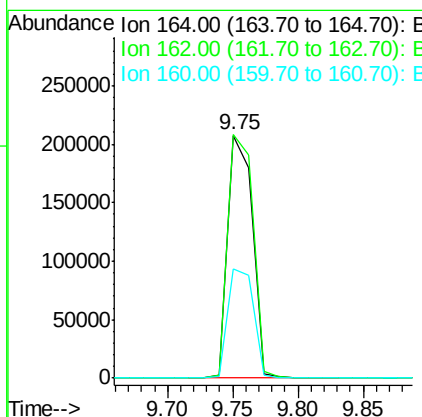
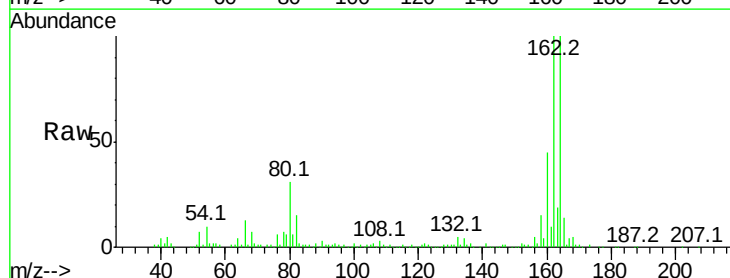
Instrument :
BNA_F
ClientSampleId :
E2-EE8-WSW

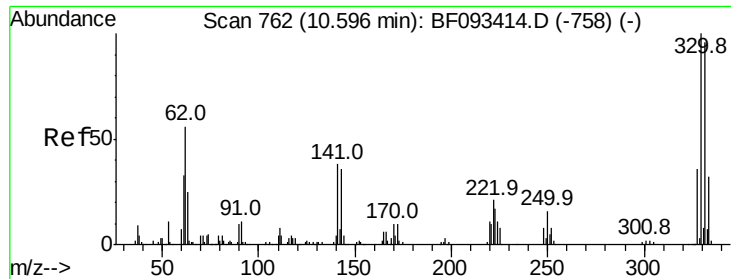
Tot Ion:142 Resp: 126458
Ion Ratio Lower Upper
142 100
141 89.2 71.0 106.6
115 32.2 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF093682.D
Acq: 15 Mar 2017 21:49

Tgt Ion:164 Resp: 272309
Ion Ratio Lower Upper
164 100
162 100.2 80.2 120.2
160 44.7 36.9 55.3

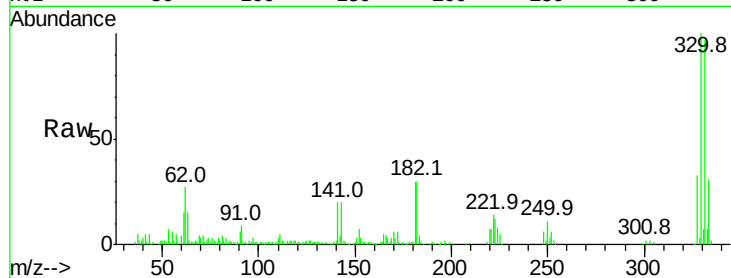




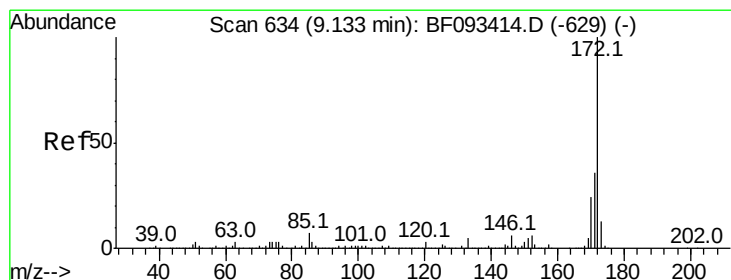
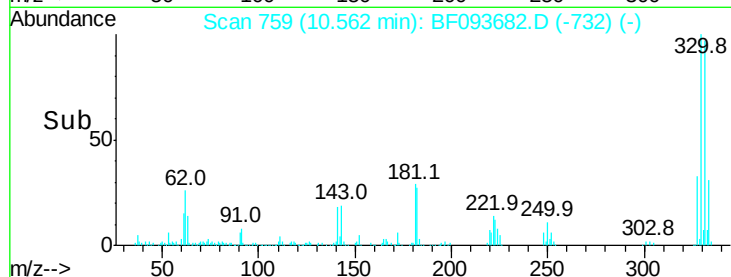
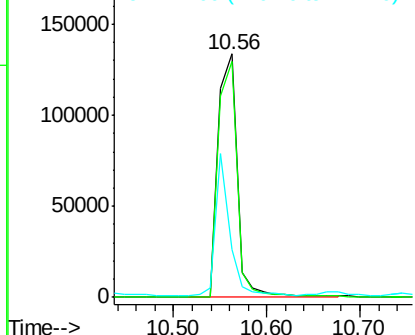
#41
 2,4,6-Tribromophenol
 Concen: 107.35 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093682.D
 Acq: 15 Mar 2017 21:49

Instrument :
 BNA_F
 ClientSampleId :
 E2-EE8-WSW

Tot Ion:330 Resp: 190460
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 43.0 34.1 51.1

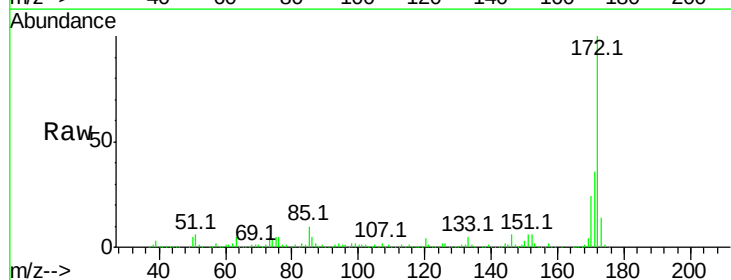


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

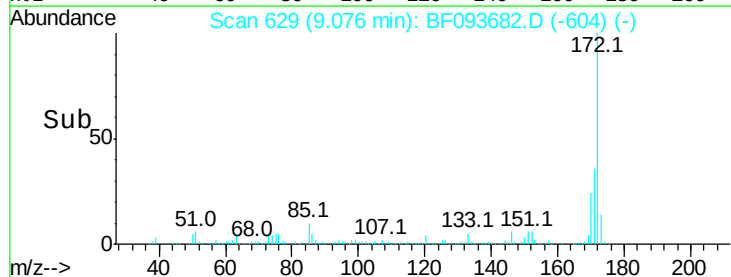
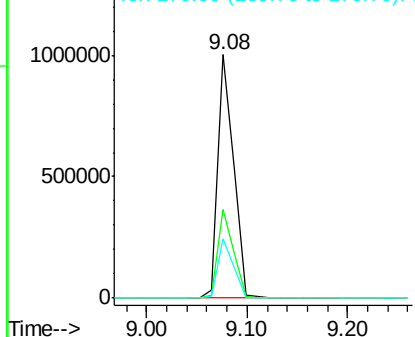


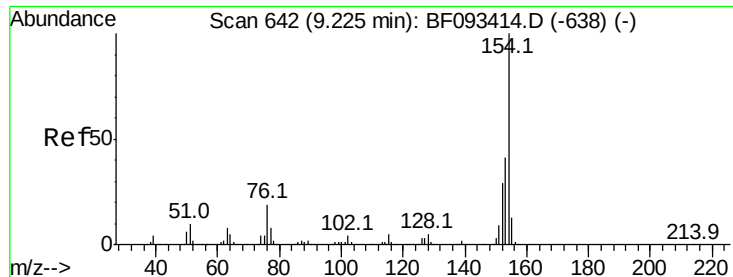
#44
 2-Fluorobiphenyl
 Concen: 74.39 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093682.D
 Acq: 15 Mar 2017 21:49

Tgt Ion:172 Resp: 1089024
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.2 20.2 30.4



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: 2.39 ng

RT: 9.18 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF093682.D

Acq: 15 Mar 2017 21:49

Instrument :

BNA_F

ClientSampleId :

E2-EE8-WSW

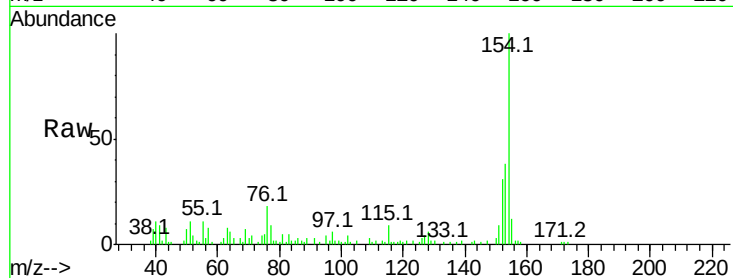
Tot Ion:154 Resp: 47334

Ion Ratio Lower Upper

154 100

153 38.1 20.9 60.9

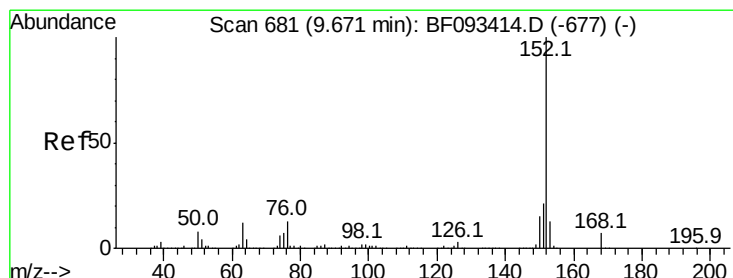
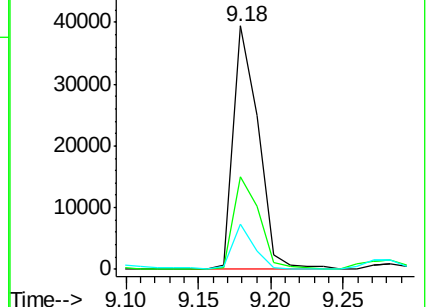
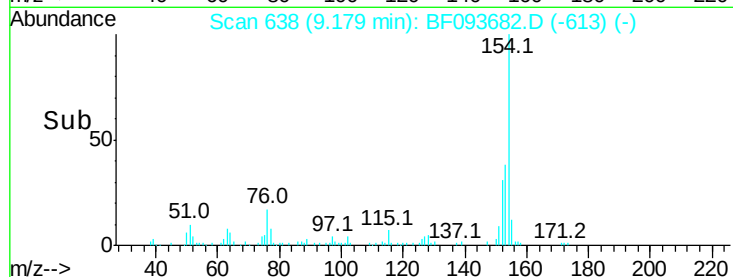
76 18.4 0.0 30.5



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



#48

Acenaphthylene

Concen: 3.19 ng

RT: 9.62 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF093682.D

Acq: 15 Mar 2017 21:49

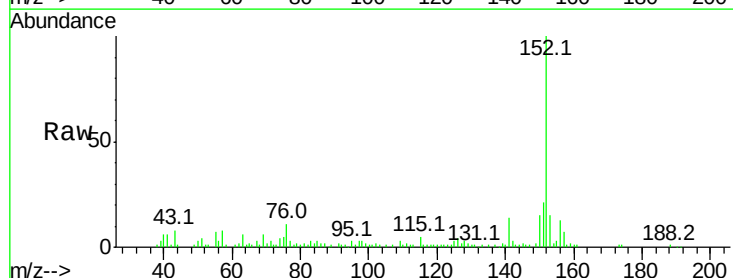
Tgt Ion:152 Resp: 79942

Ion Ratio Lower Upper

152 100

151 21.3 16.9 25.3

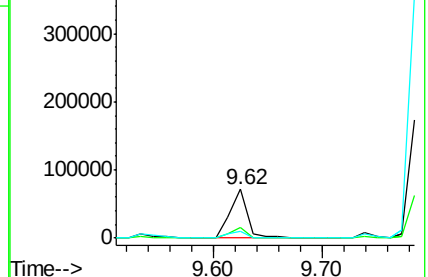
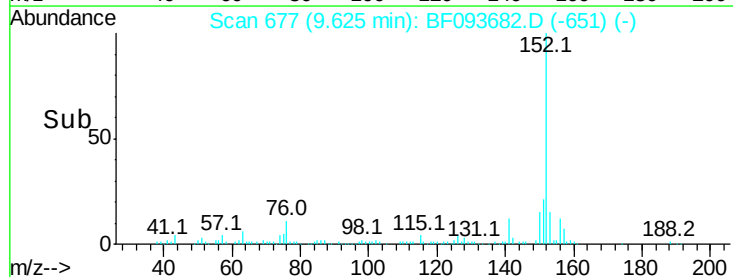
153 15.1 11.4 17.2

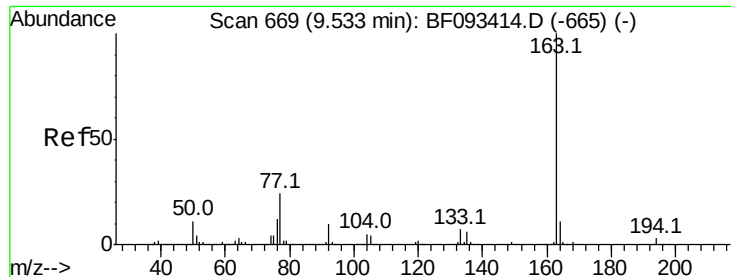


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

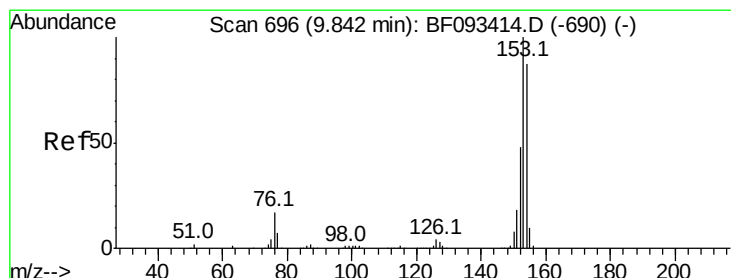
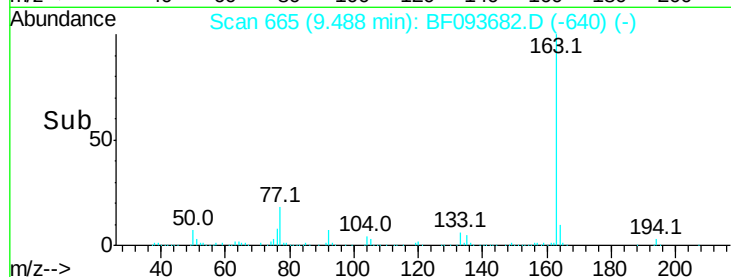
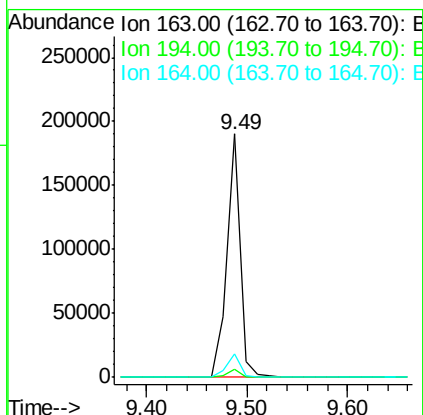
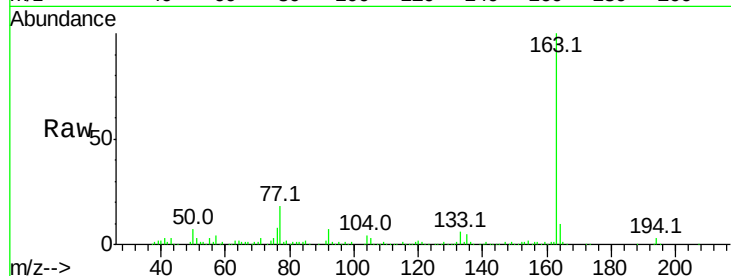




#49
Dimethylphthalate
Concen: 9.65 ng
RT: 9.49 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF093682.D
Acq: 15 Mar 2017 21:49

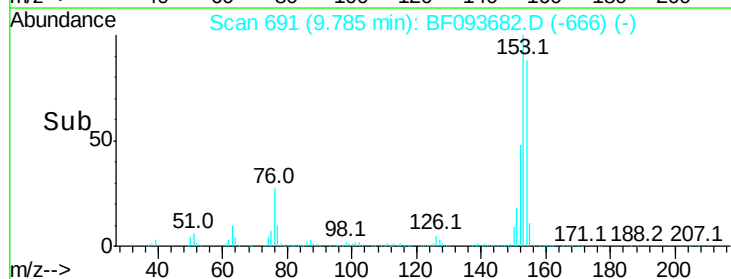
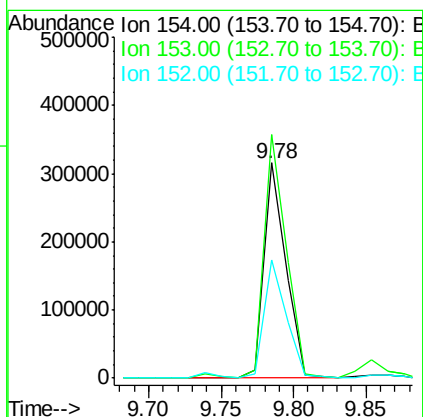
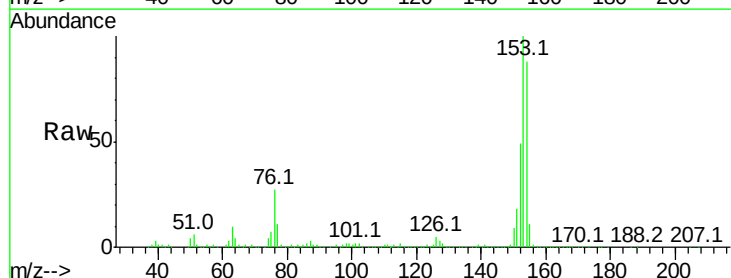
Instrument :
BNA_F
ClientSampleId :
E2-EE8-WSW

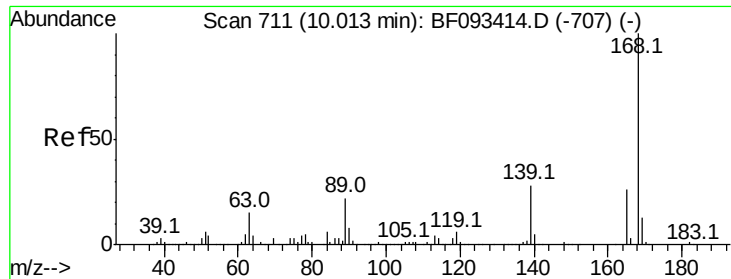
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	9.7	8.0	12.0



#51
Acenaphthene
Concen: 22.32 ng
RT: 9.78 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF093682.D
Acq: 15 Mar 2017 21:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	88.6	133.0
152	55.1	41.6	62.4





#54

Dibenzofuran

Concen: 15.96 ng

RT: 9.97 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF093682.D

Acq: 15 Mar 2017 21:49

Instrument :

BNA_F

ClientSampleId :

E2-EE8-WSW

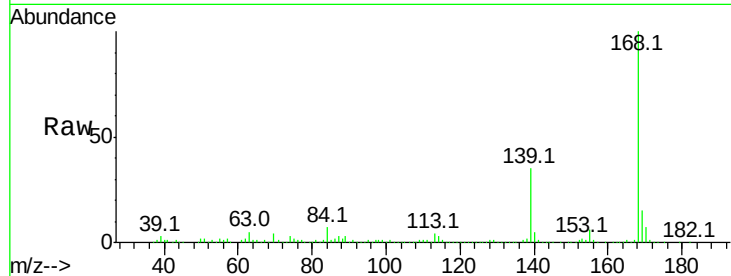
Tot Ion:168 Resp: 295827

Ion Ratio Lower Upper

168 100

139 34.7 32.6 49.0

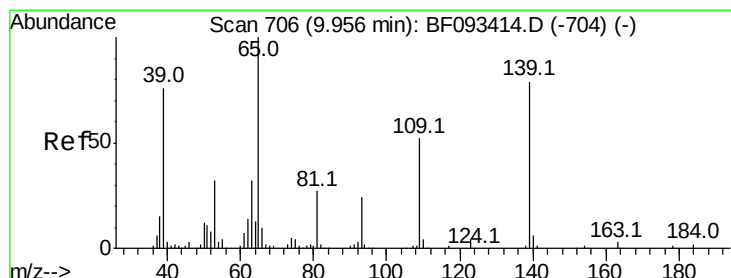
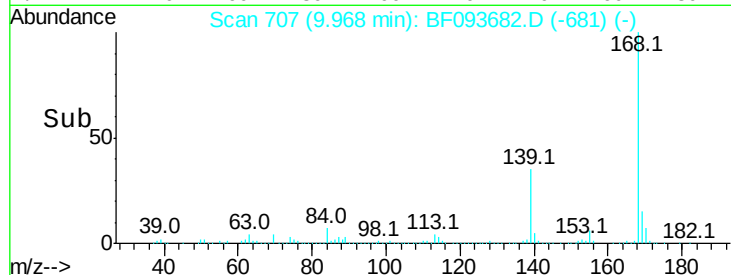
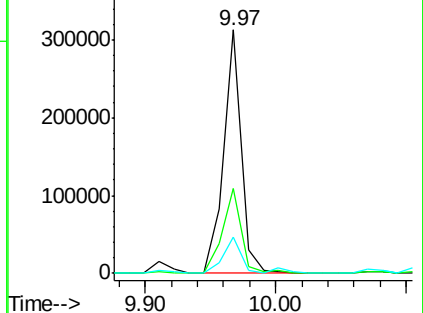
169 14.7 11.3 16.9



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: 47.49 ng

RT: 9.97 min Scan# 707

Delta R.T. 0.03 min

Lab File: BF093682.D

Acq: 15 Mar 2017 21:49

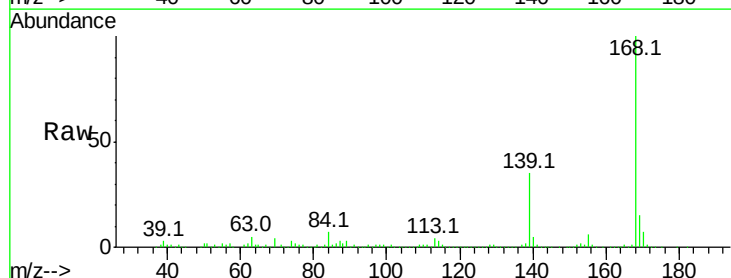
Tgt Ion:139 Resp: 109767

Ion Ratio Lower Upper

139 100

109 1.8 52.2 92.2#

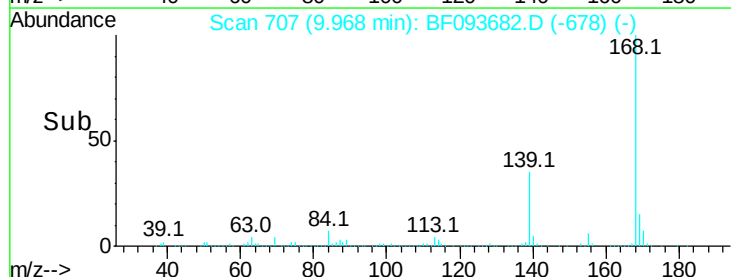
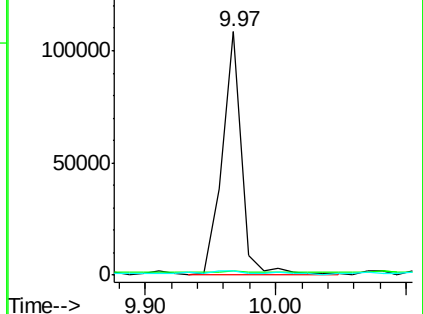
65 1.9 85.8 125.8#

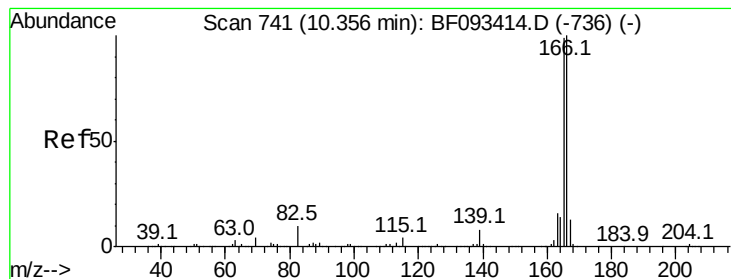


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#57

Fluorene

Concen: 23.34 ng

RT: 10.31 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF093682.D

Acq: 15 Mar 2017 21:49

Instrument :

BNA_F

ClientSampleId :

E2-EE8-WSW

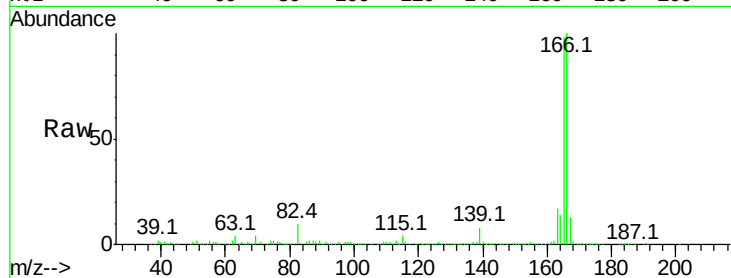
Tot Ion:166 Resp: 366531

Ion Ratio Lower Upper

166 100

165 98.2 77.8 116.8

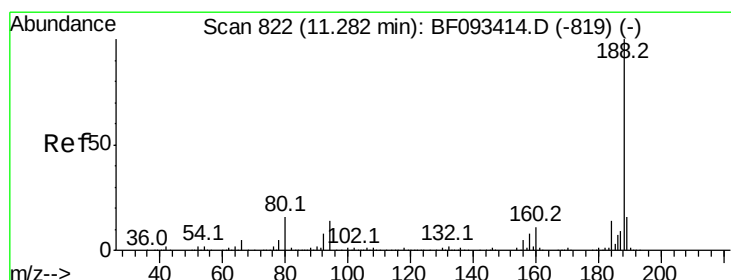
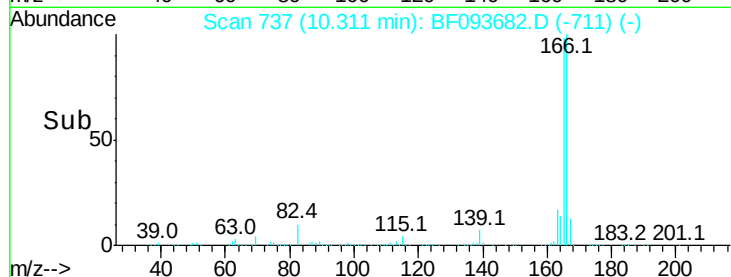
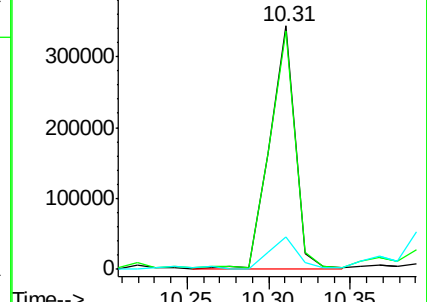
167 13.3 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF093682.D

Acq: 15 Mar 2017 21:49

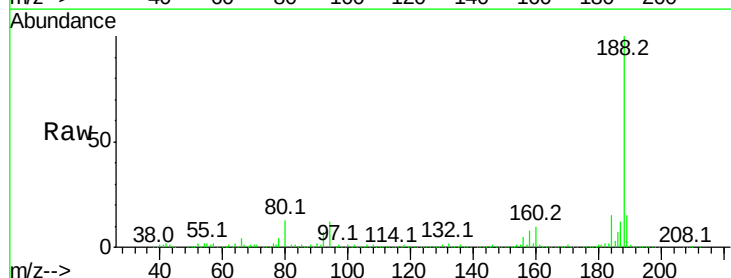
Tgt Ion:188 Resp: 401868

Ion Ratio Lower Upper

188 100

94 12.2 10.0 15.0

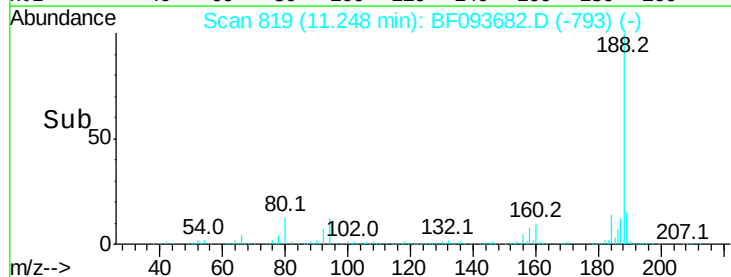
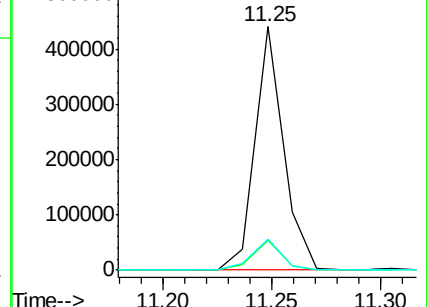
80 13.0 11.2 16.8

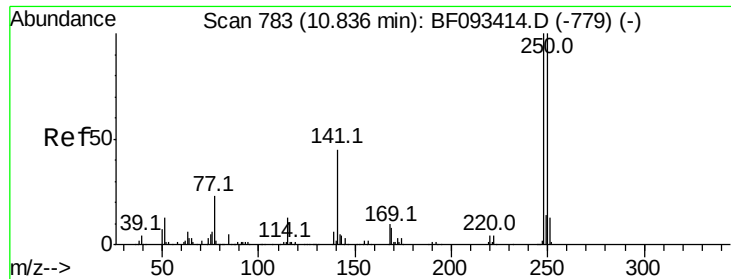


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.30 ng

RT: 10.55 min Scan# 758

Delta R.T. -0.24 min

Lab File: BF093682.D

Acq: 15 Mar 2017 21:49

Instrument :

BNA_F

ClientSampleId :

E2-EE8-WSW

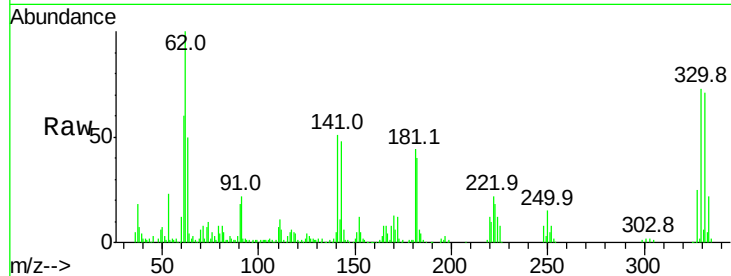
Tot Ion:248 Resp: 14042

Ion Ratio Lower Upper

248 100

250 202.8 76.9 115.3#

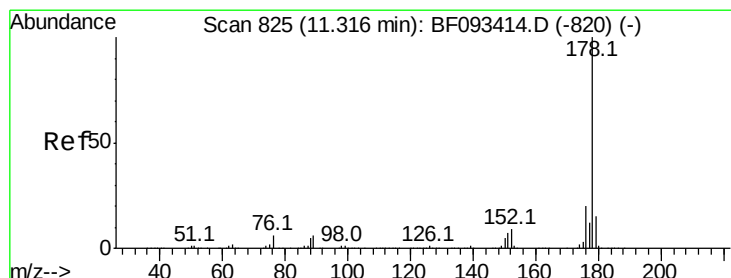
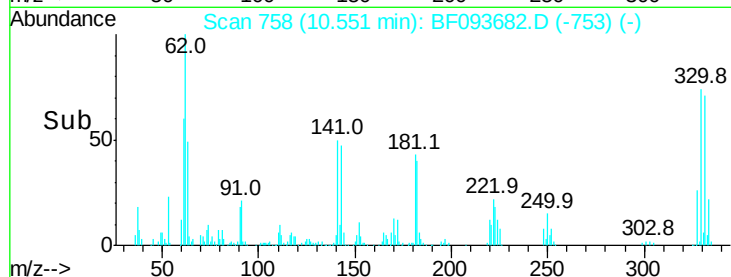
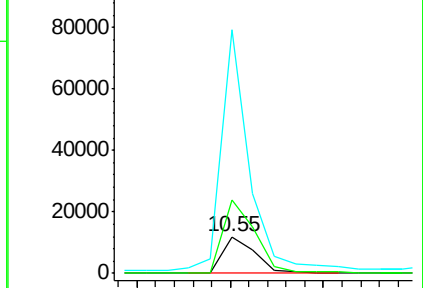
141 670.7 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#70

Phenanthrene

Concen: 116.51 ng

RT: 11.28 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF093682.D

Acq: 15 Mar 2017 21:49

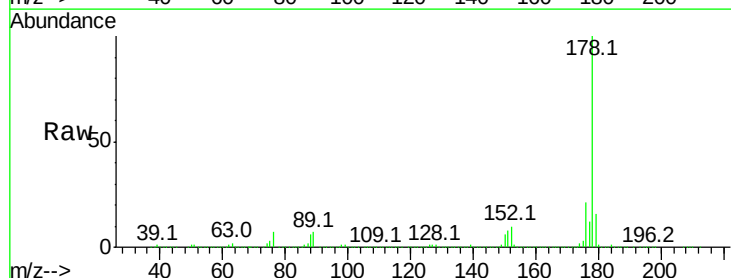
Tgt Ion:178 Resp: 2672543

Ion Ratio Lower Upper

178 100

176 20.5 16.6 25.0

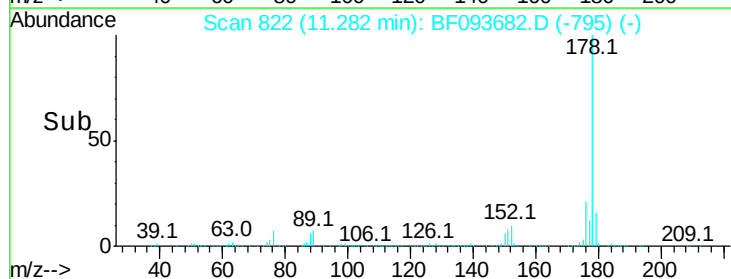
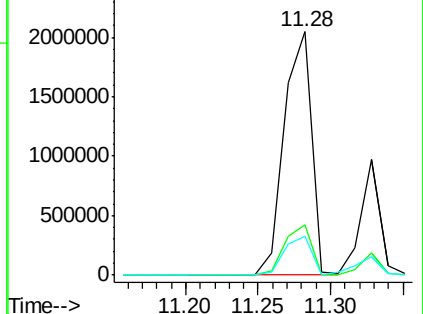
179 15.7 12.8 19.2

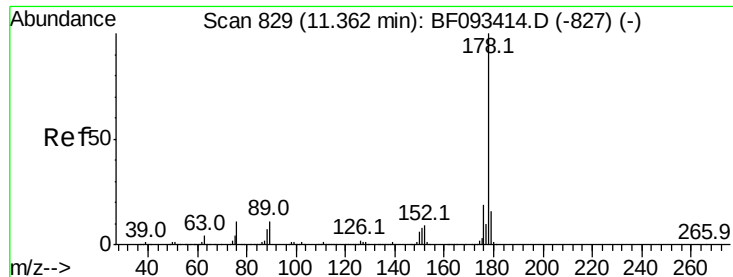


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 37.67 ng

RT: 11.33 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF093682.D

Acq: 15 Mar 2017 21:49

Instrument :

BNA_F

ClientSampleId :

E2-EE8-WSW

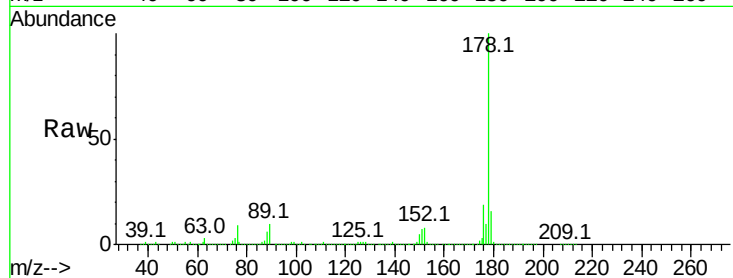
Tot Ion:178 Resp: 874154

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

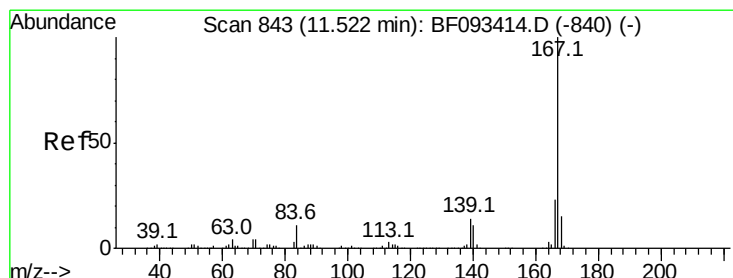
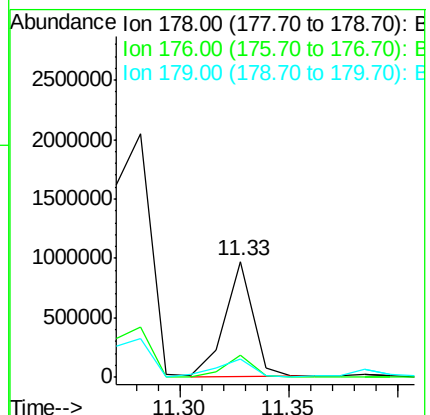
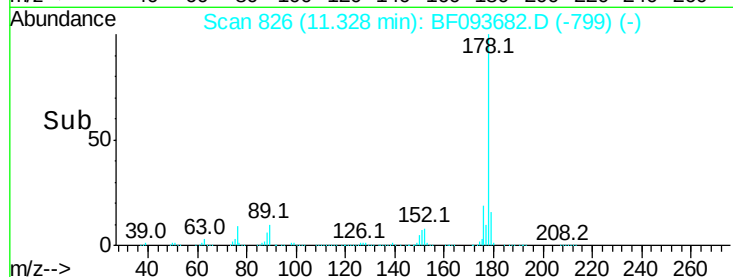
179 15.7 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 13.42 ng

RT: 11.50 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF093682.D

Acq: 15 Mar 2017 21:49

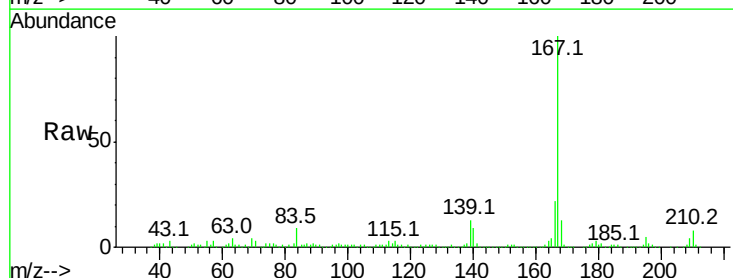
Tgt Ion:167 Resp: 292571

Ion Ratio Lower Upper

167 100

166 22.0 18.2 27.2

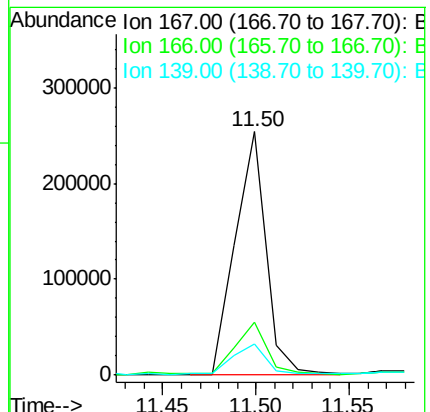
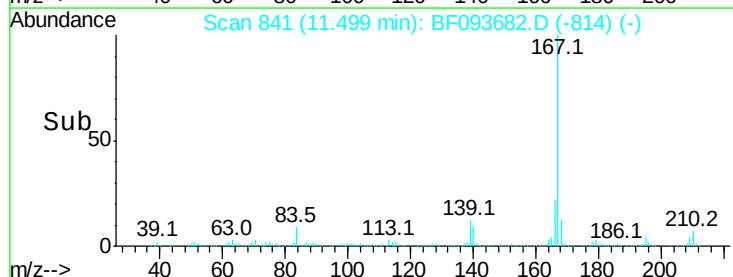
139 12.6 11.4 17.2

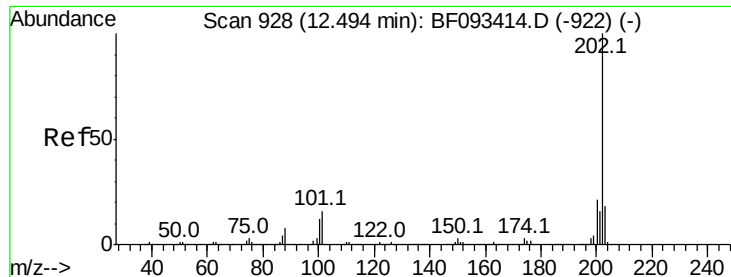


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

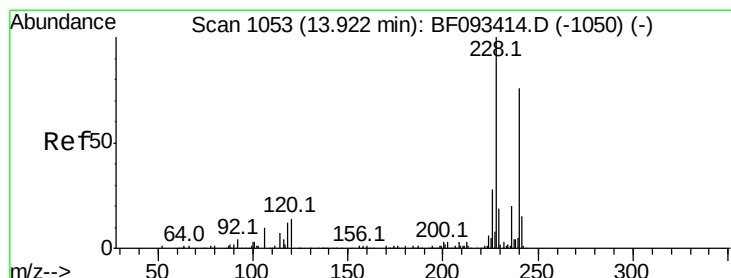
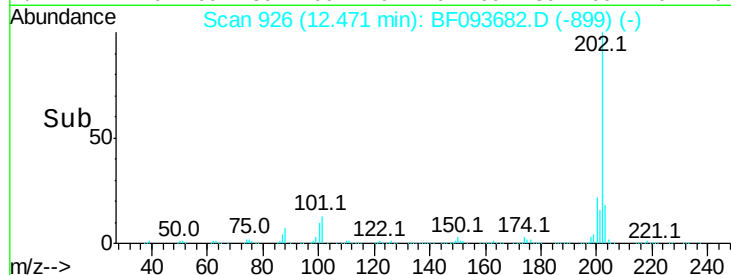
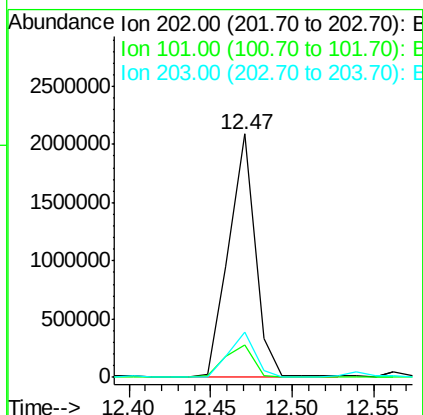
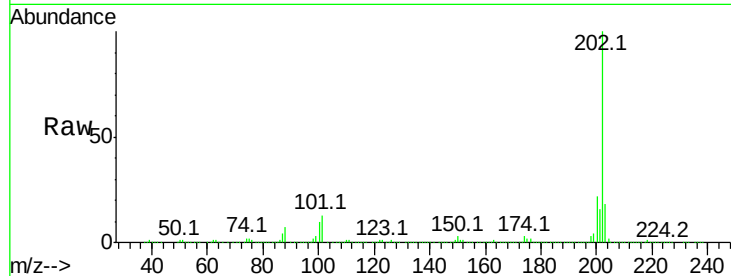




#74
Fluoranthene
Concen: 106.49 ng
RT: 12.47 min Scan# 926
Delta R.T. 0.01 min
Lab File: BF093682.D
Acq: 15 Mar 2017 21:49

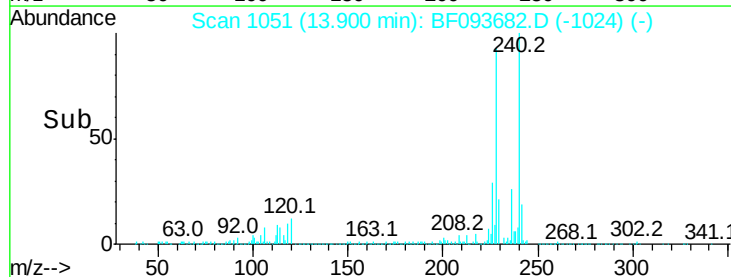
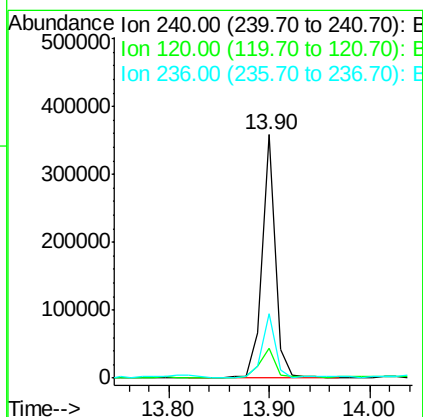
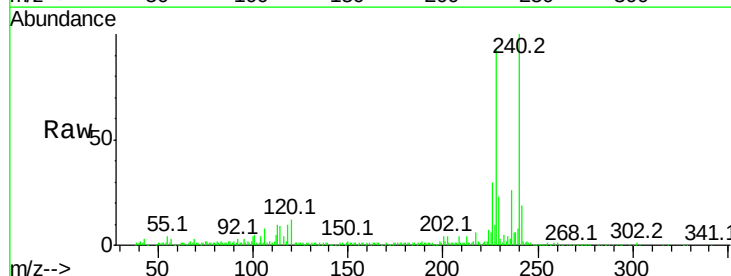
Instrument :
BNA_F
ClientSampleId :
E2-EE8-WSW

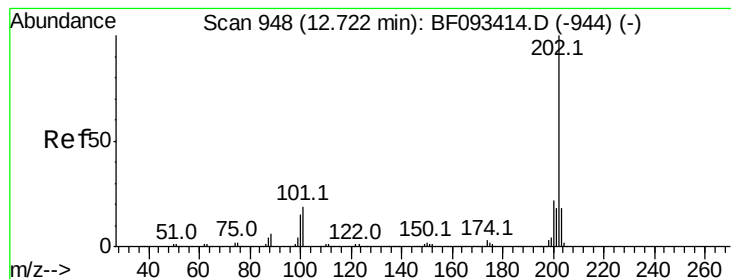
Tot Ion:202 Resp: 2359431
Ion Ratio Lower Upper
202 100
101 13.2 0.0 34.6
203 18.4 0.0 38.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF093682.D
Acq: 15 Mar 2017 21:49

Tgt Ion:240 Resp: 324512
Ion Ratio Lower Upper
240 100
120 12.4 12.9 19.3#
236 26.3 20.9 31.3





#77

Pvrene

Concen: 94.32 ng

RT: 12.70 min Scan# 946

Delta R.T. 0.02 min

Lab File: BF093682.D

Acq: 15 Mar 2017 21:49

Instrument :

BNA_F

ClientSampleId :

E2-EE8-WSW

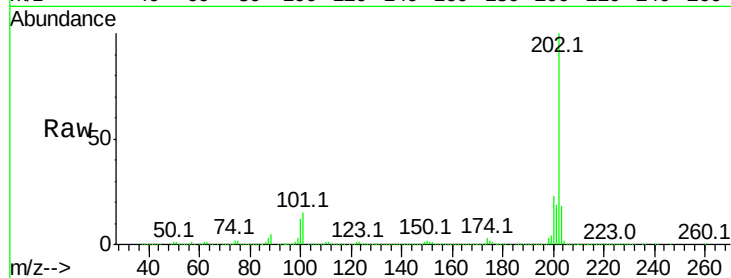
Tot Ion:202 Resp: 2226069

Ion Ratio Lower Upper

202 100

200 22.9 17.7 26.5

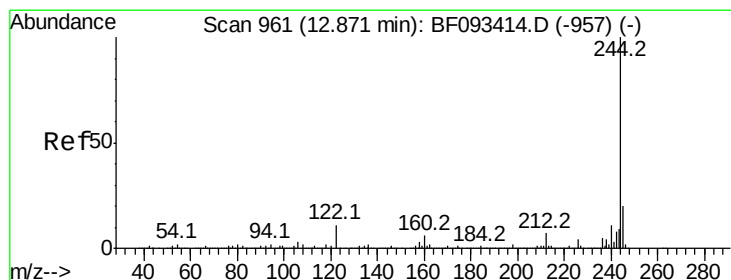
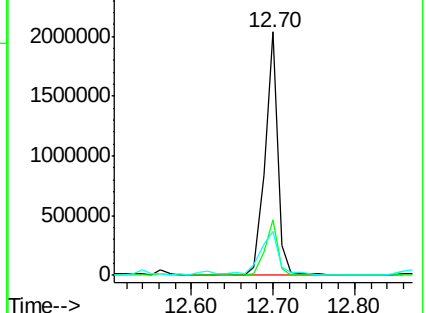
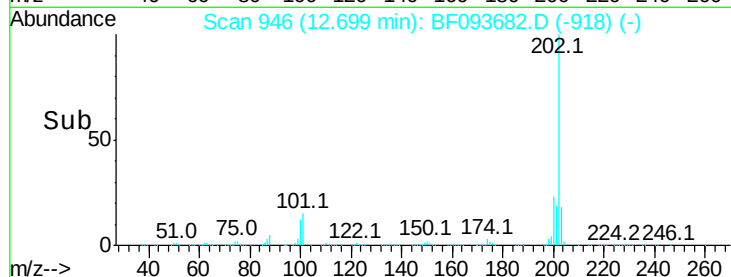
203 18.3 14.7 22.1



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: 56.36 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093682.D

Acq: 15 Mar 2017 21:49

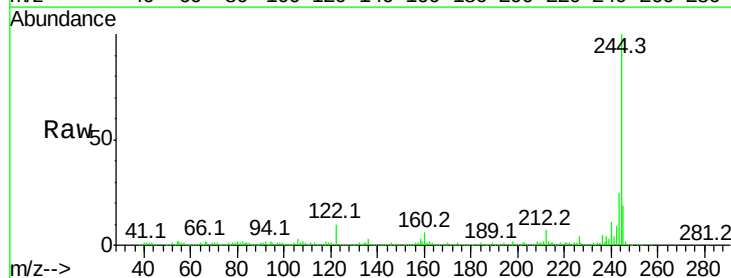
Tgt Ion:244 Resp: 703476

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

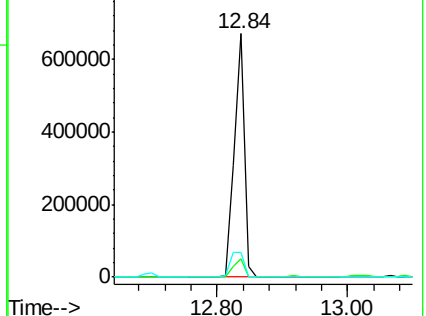
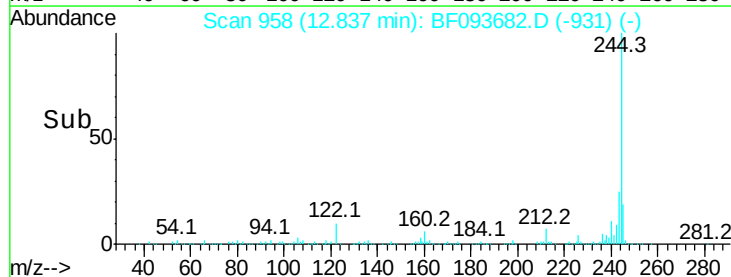
122 10.2 11.4 17.2

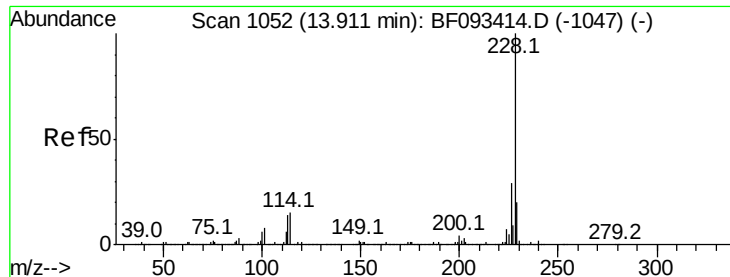


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 77.06 ng

RT: 13.89 min Scan# 1050

Delta R.T. 0.02 min

Lab File: BF093682.D

Acq: 15 Mar 2017 21:49

Instrument :

BNA_F

ClientSampleId :

E2-EE8-WSW

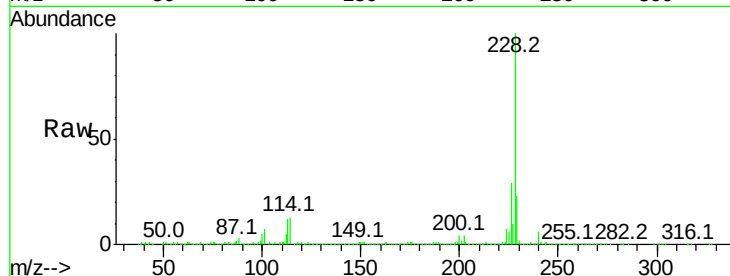
Tot Ion:228 Resp: 1476716

Ion Ratio Lower Upper

228 100

226 28.8 22.4 33.6

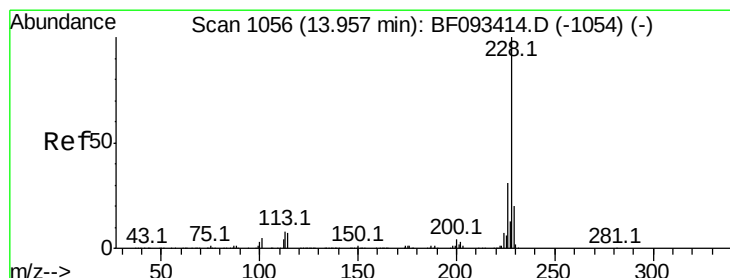
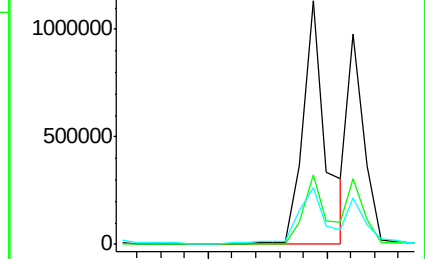
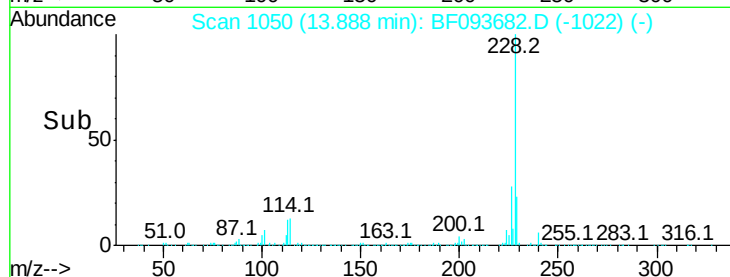
229 23.2 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 52.67 ng

RT: 13.92 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF093682.D

Acq: 15 Mar 2017 21:49

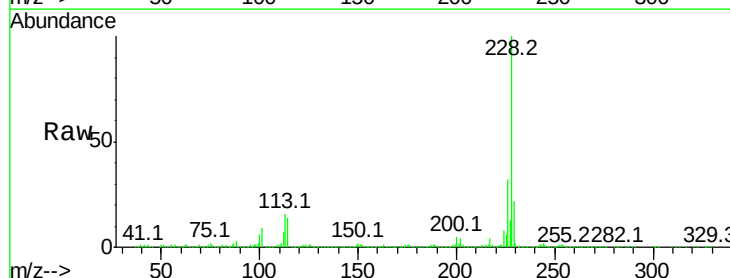
Tgt Ion:228 Resp: 933926

Ion Ratio Lower Upper

228 100

226 31.6 25.4 38.0

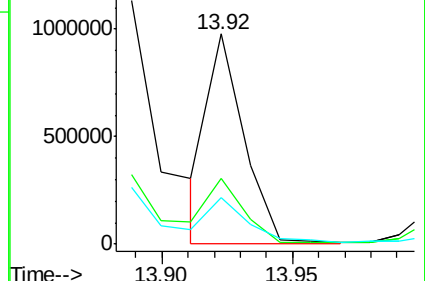
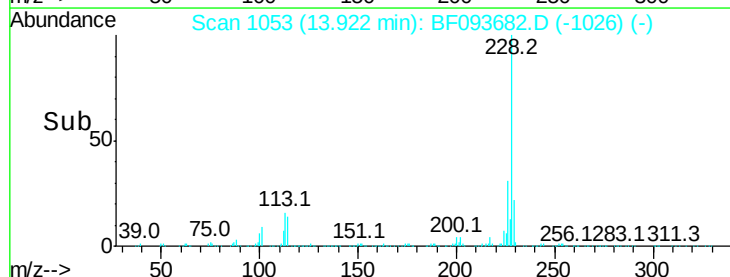
229 22.4 16.2 24.2

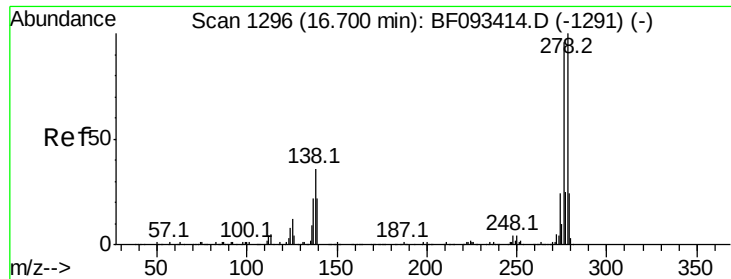


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

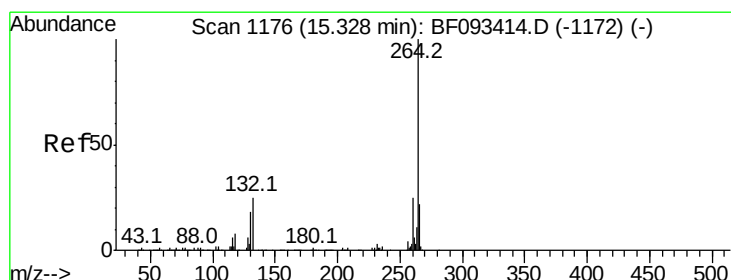
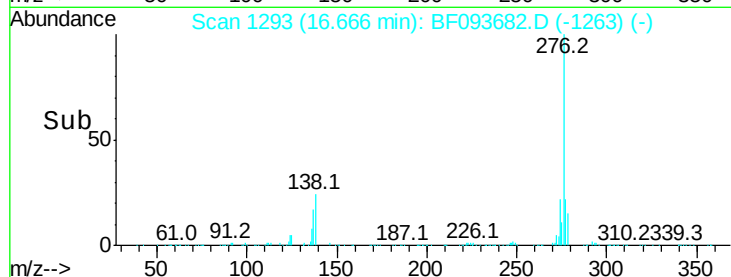
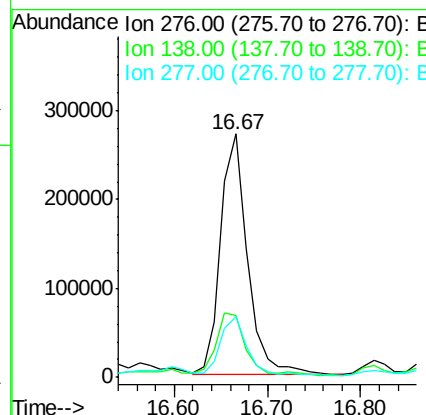
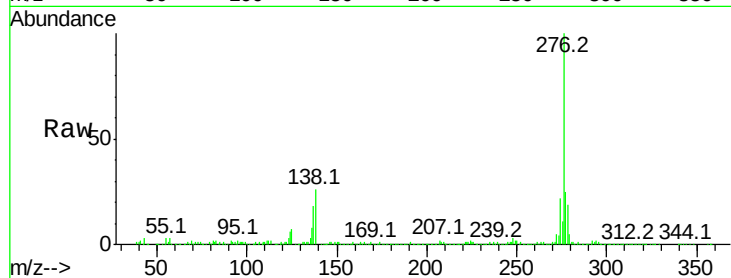




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.60 ng
 RT: 16.67 min Scan# 1293
 Delta R.T. 0.05 min
 Lab File: BF093682.D
 Acq: 15 Mar 2017 21:49

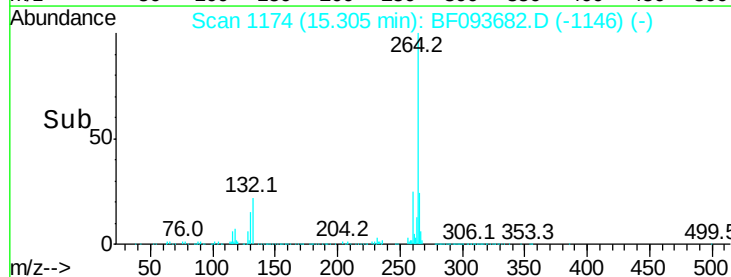
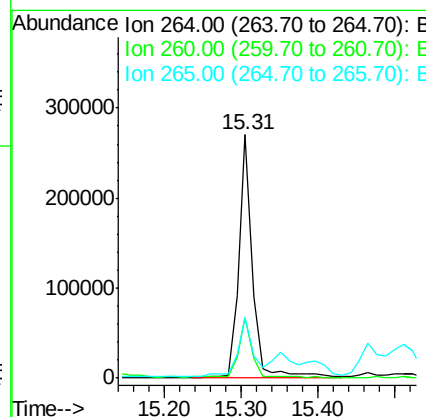
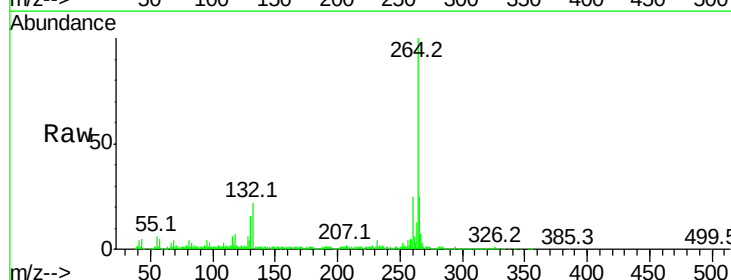
Instrument :
 BNA_F
 ClientSampleId :
 E2-EE8-WSW

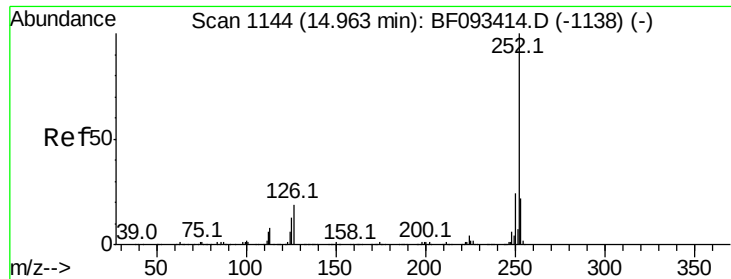
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.3	21.8	32.6
277	24.1	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1174
 Delta R.T. 0.02 min
 Lab File: BF093682.D
 Acq: 15 Mar 2017 21:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	24.8	17.4	26.0

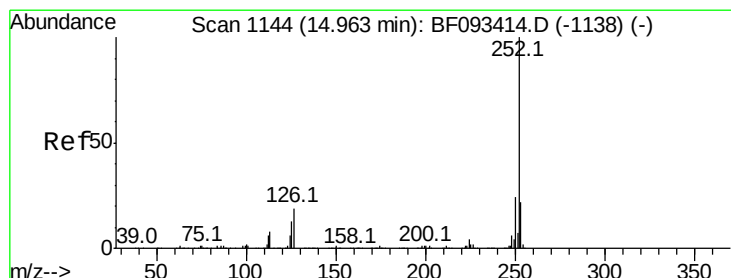
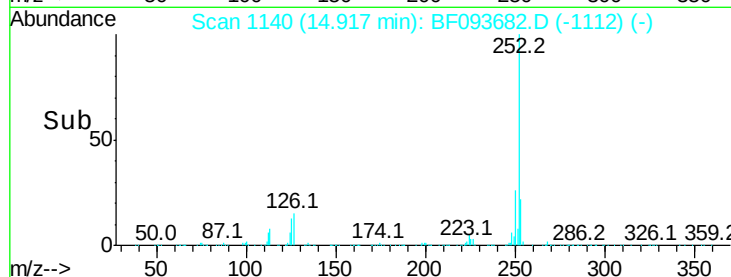
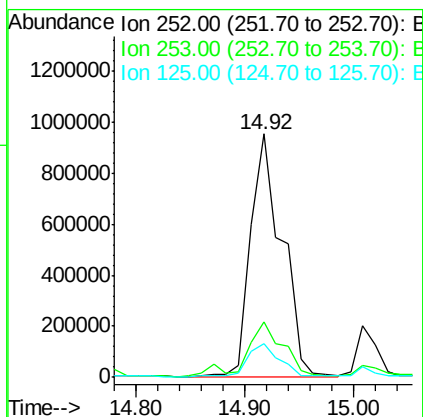
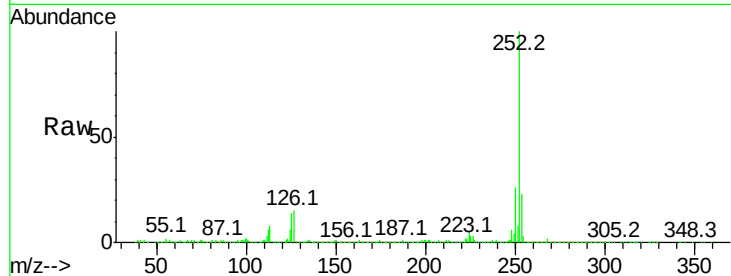




#87
Benzo(b)fluoranthene
Concen: 92.03 ng
RT: 14.92 min Scan# 1140
Delta R.T. 0.02 min
Lab File: BF093682.D
Acq: 15 Mar 2017 21:49

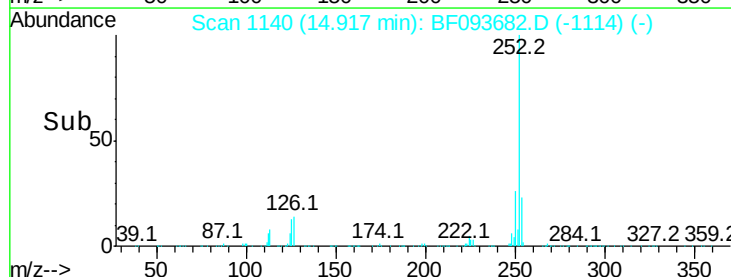
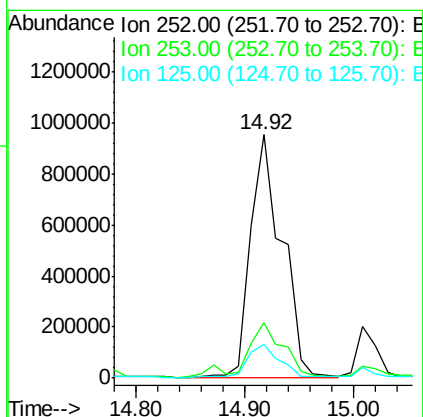
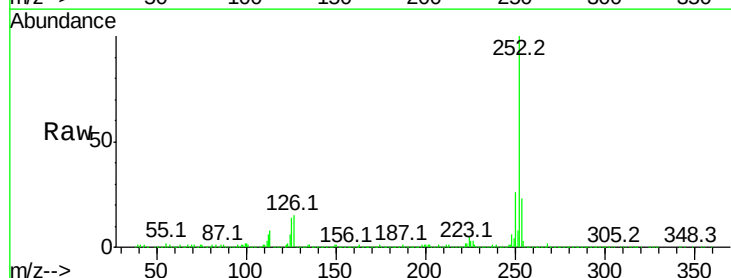
Instrument :
BNA_F
ClientSampleId :
E2-EE8-WSW

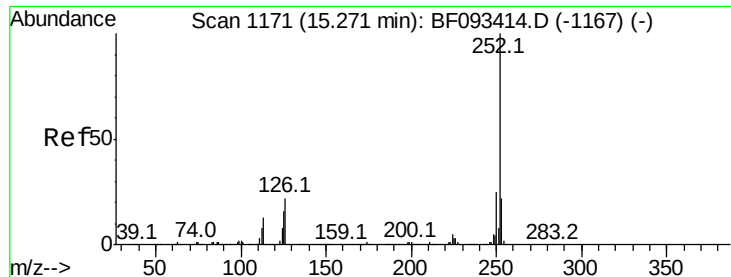
Tot Ion:252 Resp: 1898306
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 13.7 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 95.43 ng
RT: 14.92 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF093682.D
Acq: 15 Mar 2017 21:49

Tgt Ion:252 Resp: 1898306
Ion Ratio Lower Upper
252 100
253 23.0 18.5 27.7
125 13.7 8.9 13.3#





#89

Benzo(a)pyrene

Concen: 56.21 ng

RT: 15.25 min Scan# 1169

Delta R.T. 0.02 min

Lab File: BF093682.D

Acq: 15 Mar 2017 21:49

Instrument :

BNA_F

ClientSampleId :

E2-EE8-WSW

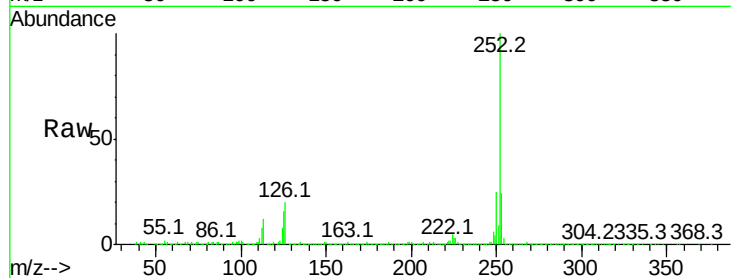
Tot Ion:252 Resp: 1059516

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	16.1	10.0	15.0

252 100

253 23.8 18.2 27.2

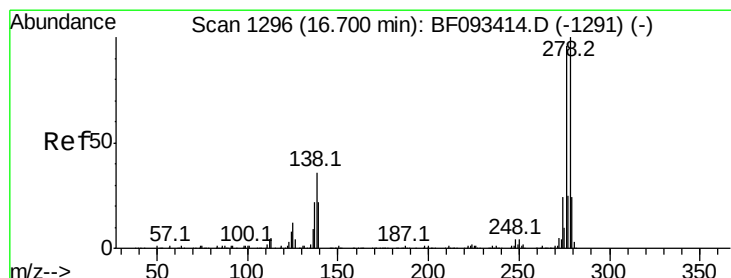
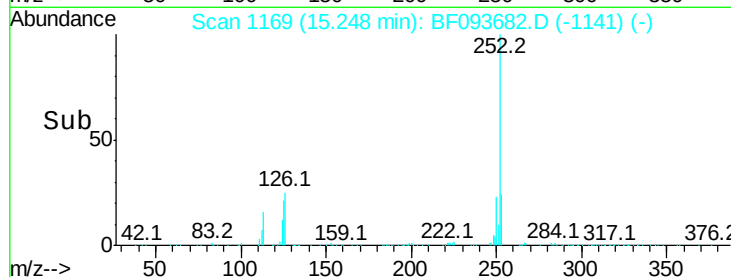
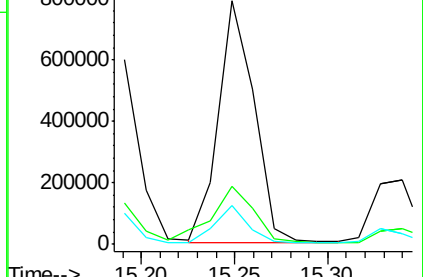
125 16.1 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 8.19 ng

RT: 16.81 min Scan# 1306

Delta R.T. 0.19 min

Lab File: BF093682.D

Acq: 15 Mar 2017 21:49

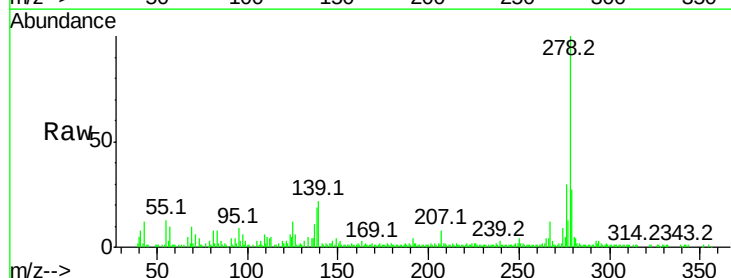
Tgt Ion:278 Resp: 127698

Ion	Ratio	Lower	Upper
278	100		
139	21.6	14.8	22.2
279	27.1	19.8	29.6

278 100

139 21.6 14.8 22.2

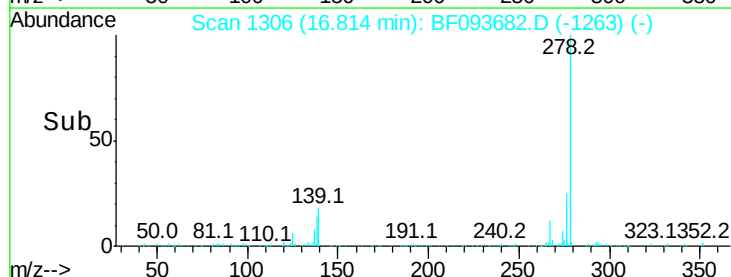
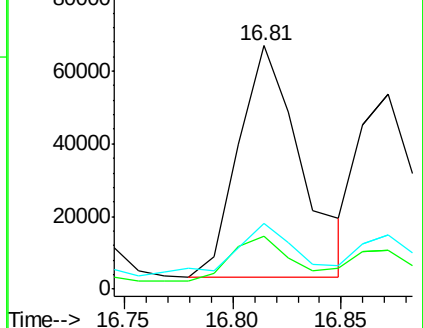
279 27.1 19.8 29.6

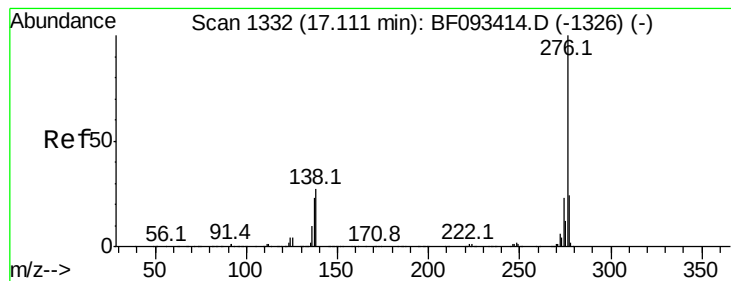


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 31.36 ng

RT: 17.07 min Scan# 1328

Delta R.T. 0.05 min

Lab File: BF093682.D

Acq: 15 Mar 2017 21:49

Instrument :

BNA_F

ClientSampleId :

E2-EE8-WSW

Tot Ion:276 Resp: 501923

Ion Ratio Lower Upper

276 100

277 25.6 19.2 28.8

138 30.7 16.0 24.0#

