

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
 Data File : BF094046.D
 Acq On : 30 Mar 2017 5:51
 Operator : SJ/MA
 Sample : I2443-13
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA9-NSW

Quant Time: Mar 30 06:46:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	153638	20.00	ng	-0.03
21) Naphthalene-d8	7.43	136	574879	20.00	ng	-0.03
38) Acenaphthene-d10	9.57	164	233290	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	349257	20.00	ng	-0.01
75) Chrysene-d12	14.70	240	272290	20.00	ng	0.02
86) Perylene-d12	16.31	264	241007	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	882514	97.02	ng	-0.02
7) Phenol-d6	5.53	99	1070158	95.10	ng	-0.02
23) Nitrobenzene-d5	6.57	82	625407	62.08	ng	-0.04
41) 2,4,6-Tribromophenol	10.55	330	182903	99.22	ng	-0.02
44) 2-Fluorobiphenyl	8.75	172	1039214	67.94	ng	-0.03
78) Terphenyl-d14	13.44	244	536516	44.17	ng	0.04

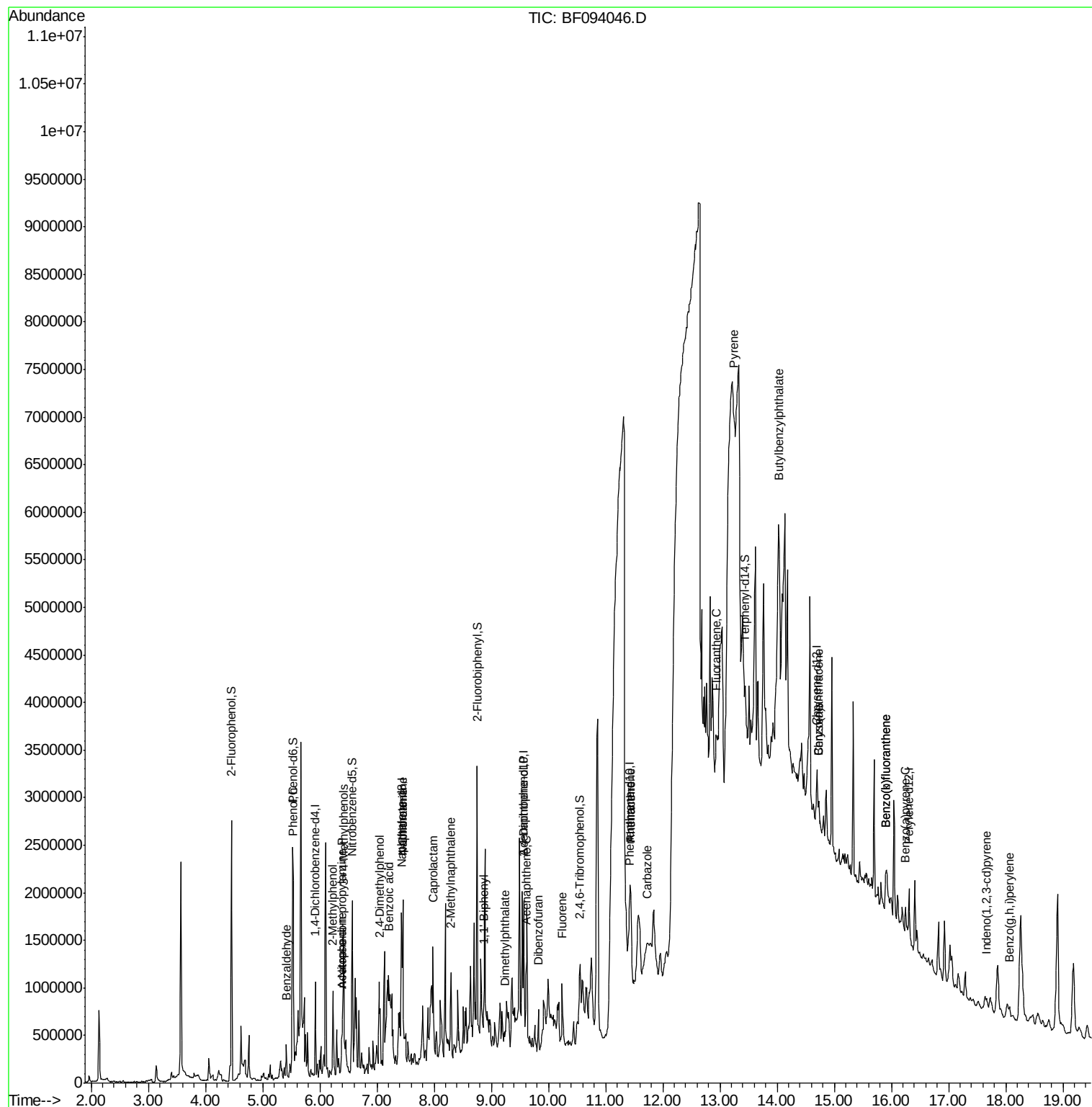
Target Compounds				Qvalue		
9) Benzaldehyde	5.41	77	66611	8.77	ng	99
10) Phenol	5.54	94	162226	12.67	ng	93
17) 2-Methylphenol	6.23	107	162713	19.00	ng	96
19) n-Nitroso-di-n-propylamine	6.39	70	20660	2.86	ng	# 45
20) 3+4-Methylphenols	6.42	107	439094	42.34	ng	# 62
22) Acetophenone	6.38	105	39204	3.06	ng	# 49
27) 2,4-Dimethylphenol	7.04	122	241244	29.55	ng	98
31) Naphthalene	7.45	128	539314	19.51	ng	100
32) Benzoic acid	7.20	122	255107	46.94	ng	# 14
33) 4-Chloroaniline	7.45	127	78058	6.97	ng	# 37
35) Caprolactam	7.99	113	24662	10.13	ng	# 79
37) 2-Methylnaphthalene	8.29	142	246718	13.39	ng	99
45) 1,1'-Biphenyl	8.87	154	56591	3.01	ng	97
49) Dimethylphthalate	9.25	163	62387	3.76	ng	98
51) Acenaphthene	9.60	154	167612	11.73	ng	99
53) 2,4-Dinitrophenol	9.56	184	131	4.72	ng	# 1
54) Dibenzofuran	9.82	168	137557	7.07	ng	99
57) Fluorene	10.24	166	158669	9.84	ng	98
70) Phenanthrene	11.44	178	1128313	58.08	ng	98
71) Anthracene	11.44	178	1128313	56.40	ng	99
72) Carbazole	11.72	167	71391	3.48	ng	# 79
74) Fluoranthene	12.95	202	637748	32.06	ng	88
77) Pyrene	13.24	202	252056	12.76	ng	# 89
79) Butylbenzylphthalate	14.03	149	25469	3.02	ng	# 47
80) Benzo(a)anthracene	14.73	228	159024	10.02	ng	95
82) Chrysene	14.73	228	159024	10.79	ng	98
85) Indeno(1,2,3-cd)pyrene	17.66	276	74836	5.86	ng	99
87) Benzo(b)fluoranthene	15.90	252	242911	16.44	ng	# 90
88) Benzo(k)fluoranthene	15.90	252	242911	16.81	ng	# 92
89) Benzo(a)pyrene	16.24	252	124630	9.16	ng	# 88
91) Benzo(g,h,i)perylene	18.07	276	73581	6.34	ng	95

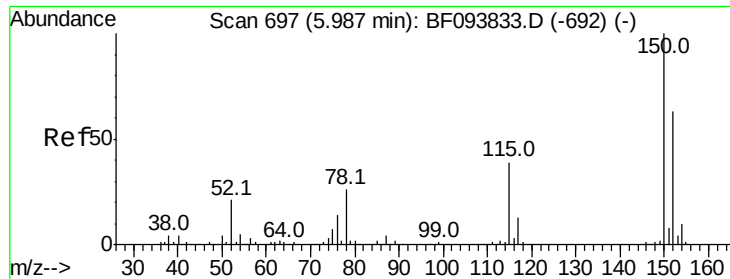
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.92 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF094046.D

Acq: 30 Mar 2017 5:51

Instrument :

BNA_F

ClientSampleId :

E2-AA9-NSW

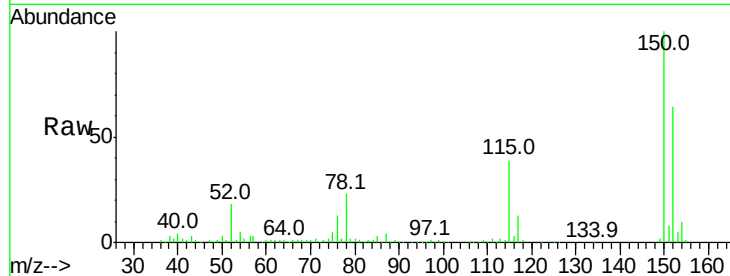
Tot Ion:152 Resp: 153638

Ion Ratio Lower Upper

152 100

150 155.5 126.2 189.2

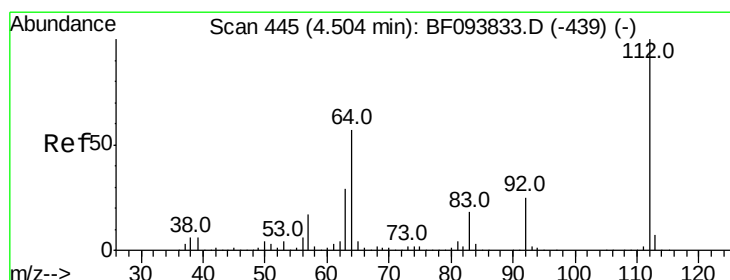
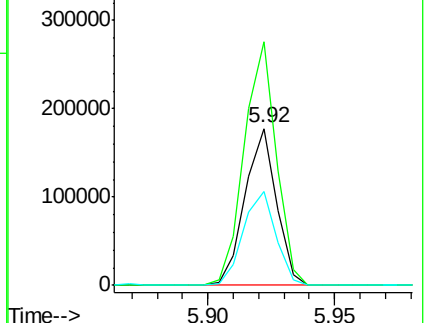
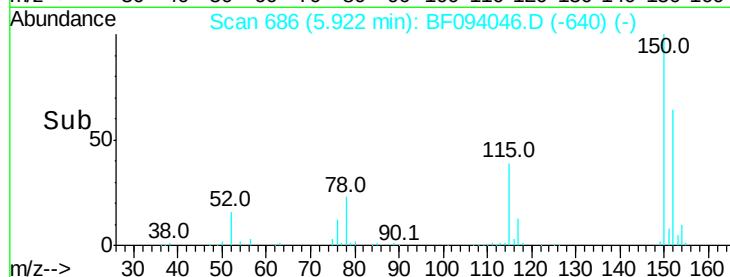
115 60.1 52.2 78.2



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: 97.02 ng

RT: 4.46 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF094046.D

Acq: 30 Mar 2017 5:51

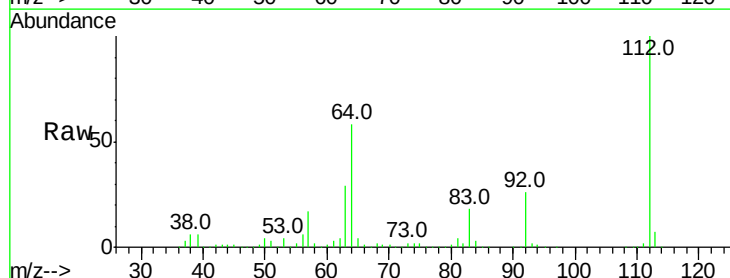
Tgt Ion:112 Resp: 882514

Ion Ratio Lower Upper

112 100

64 57.9 46.0 69.0

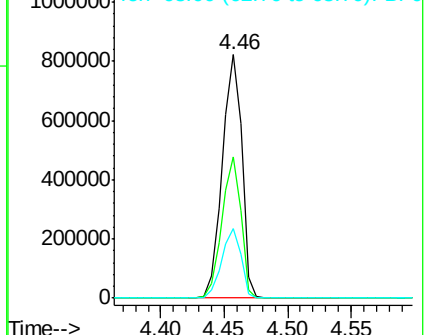
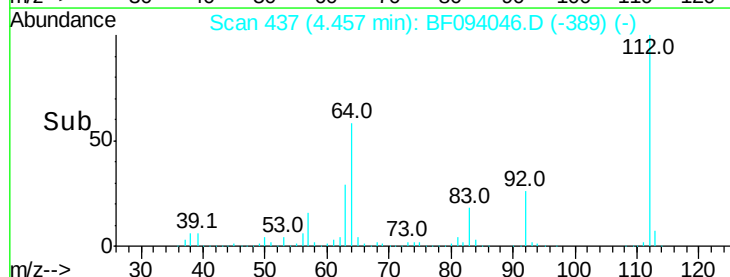
63 28.6 23.4 35.0

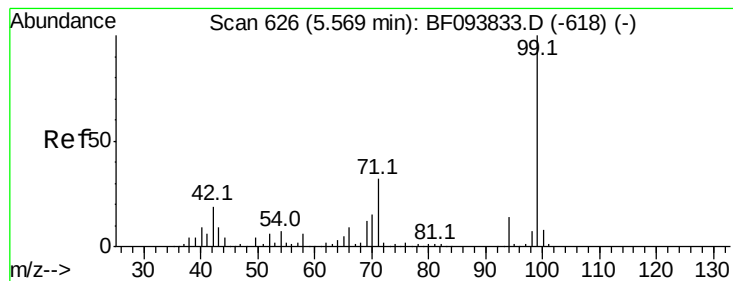


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.10 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF094046.D

Acq: 30 Mar 2017 5:51

Instrument :

BNA_F

ClientSampled :

E2-AA9-NSW

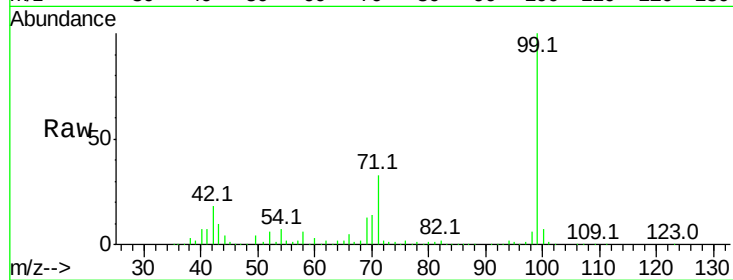
Tot Ion: 99 Resp: 1070158

Ion Ratio Lower Upper

99 100

42 18.2 13.5 20.3

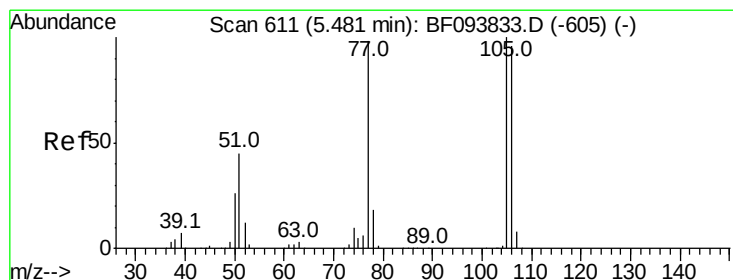
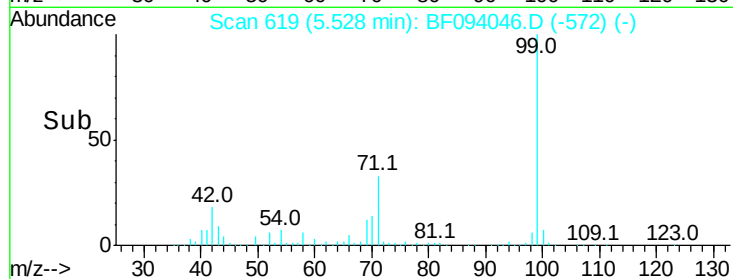
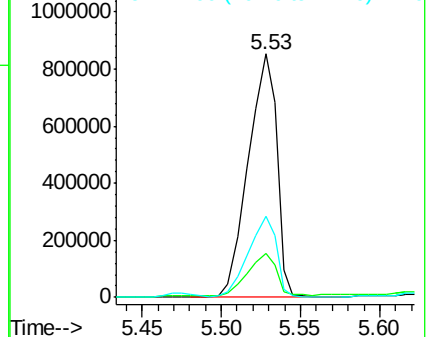
71 33.1 24.5 36.7



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



#9

Benzaldehyde

Concen: 8.77 ng

RT: 5.41 min Scan# 599

Delta R.T. -0.04 min

Lab File: BF094046.D

Acq: 30 Mar 2017 5:51

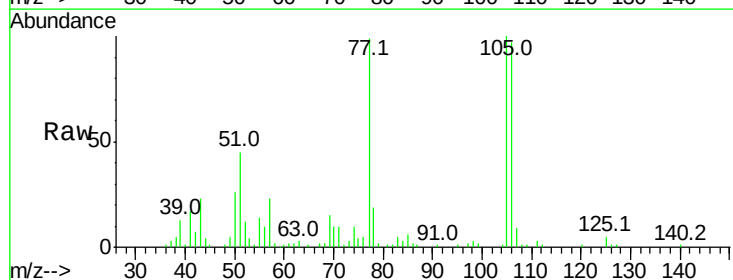
Tgt Ion: 77 Resp: 66611

Ion Ratio Lower Upper

77 100

105 101.4 83.8 123.8

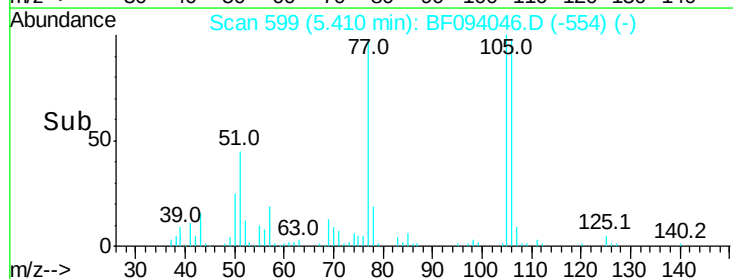
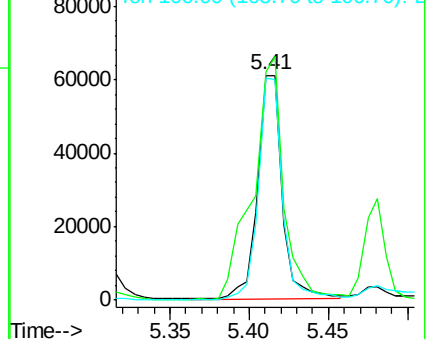
106 98.5 79.1 119.1

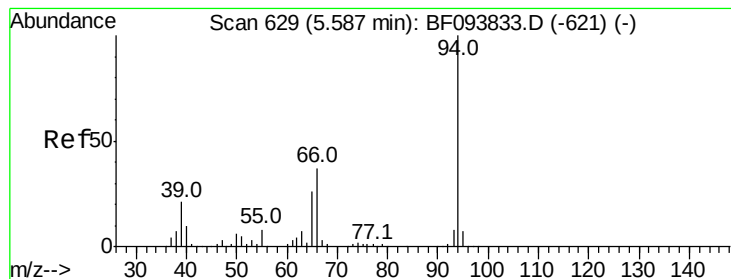


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 12.67 ng

RT: 5.54 min Scan# 621

Delta R.T. -0.02 min

Lab File: BF094046.D

Acq: 30 Mar 2017 5:51

Instrument :

BNA_F

ClientSampleId :

E2-AA9-NSW

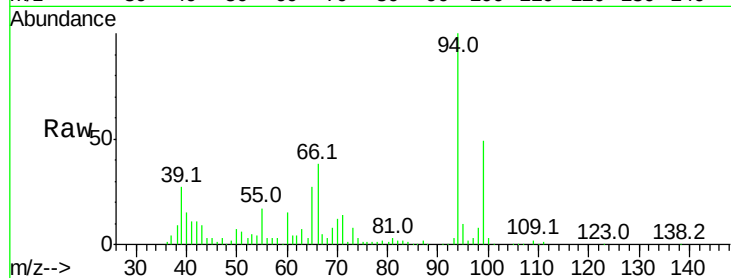
Tot Ion: 94 Resp: 162226

Ion Ratio Lower Upper

94 100

65 26.6 9.9 49.9

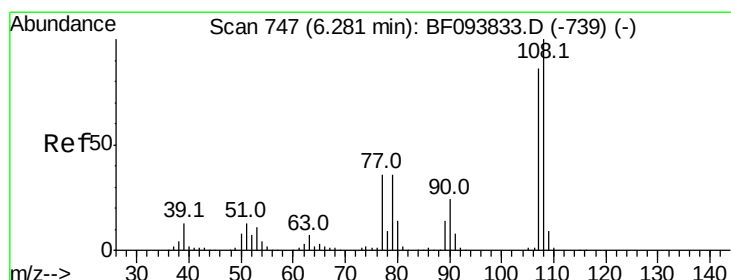
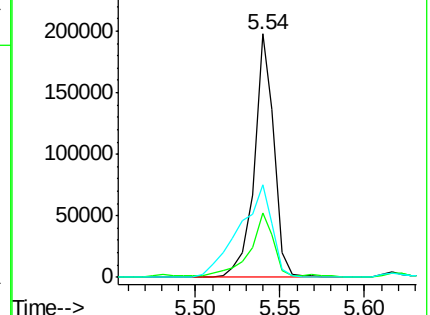
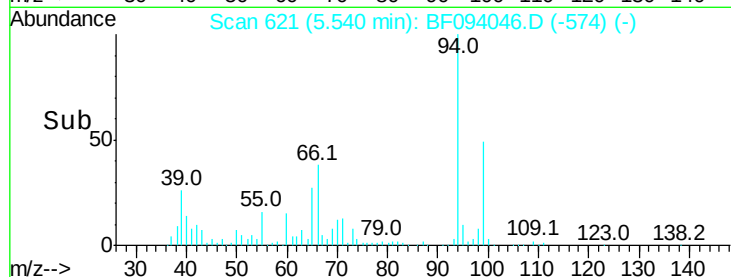
66 38.0 23.1 63.1



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



#17

2-Methylphenol

Concen: 19.00 ng

RT: 6.23 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF094046.D

Acq: 30 Mar 2017 5:51

Tgt Ion:107 Resp: 162713

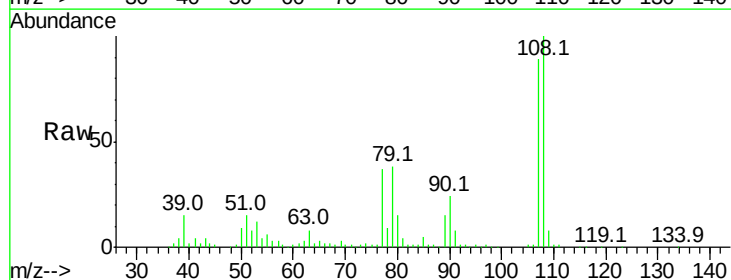
Ion Ratio Lower Upper

107 100

108 112.3 93.4 140.0

77 41.9 35.8 53.6

79 42.4 34.8 52.2

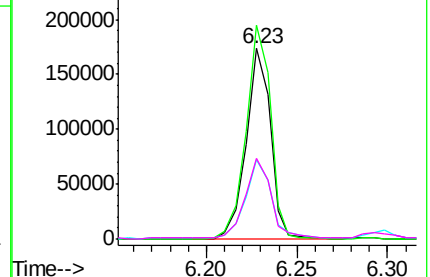
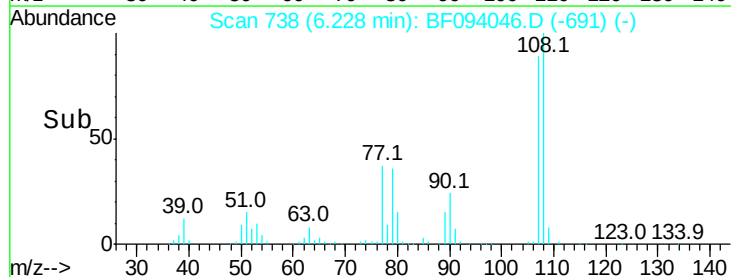


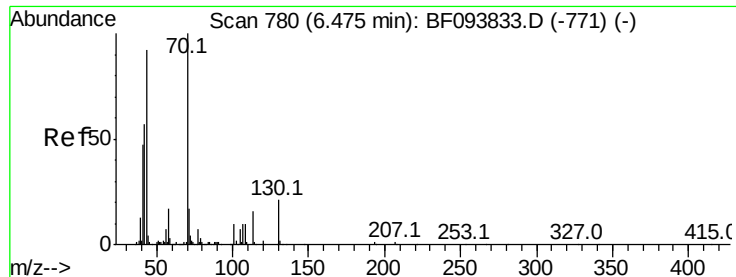
Abundance Ion 107.00 (106.70 to 107.70): E

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





#19

n-Nitroso-di-n-propylamine

Concen: 2.86 ng

RT: 6.39 min Scan# 765

Delta R.T. -0.05 min

Lab File: BF094046.D

Acq: 30 Mar 2017 5:51

Instrument :

BNA_F

ClientSampleId :

E2-AA9-NSW

Tot Ion: 70 Resp: 20660

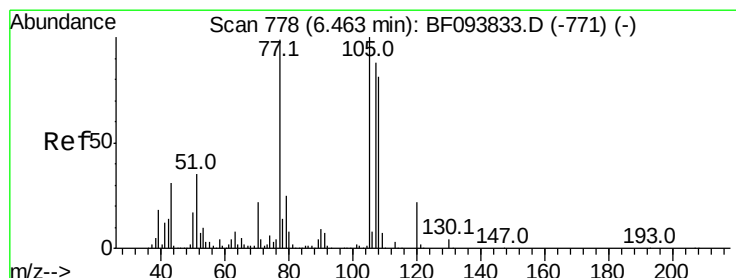
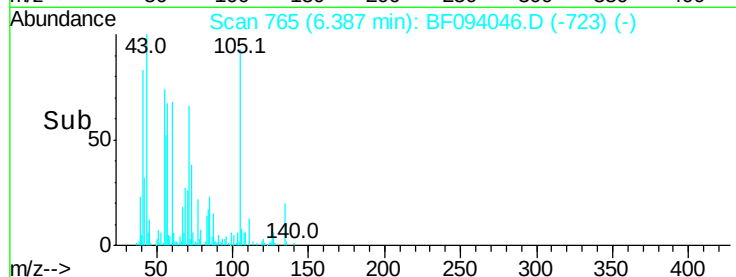
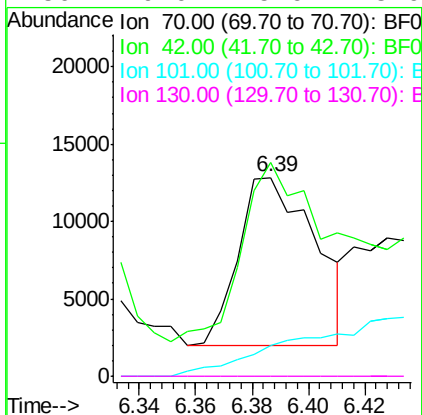
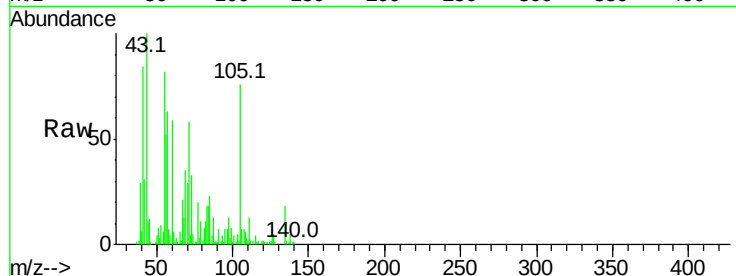
Ion Ratio Lower Upper

70 100

42 107.5 47.2 70.8#

101 15.3 7.2 10.8#

130 0.0 15.9 23.9#



#20

3+4-Methylphenols

Concen: 42.34 ng

RT: 6.42 min Scan# 770

Delta R.T. -0.02 min

Lab File: BF094046.D

Acq: 30 Mar 2017 5:51

Tgt Ion: 107 Resp: 439094

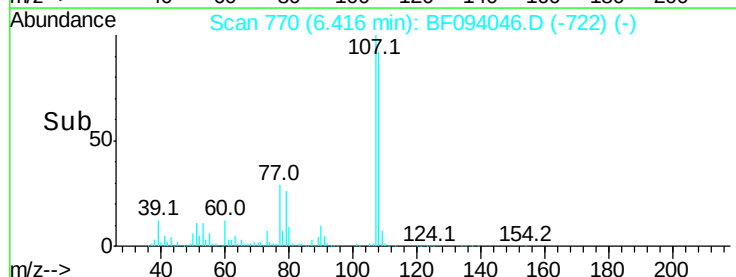
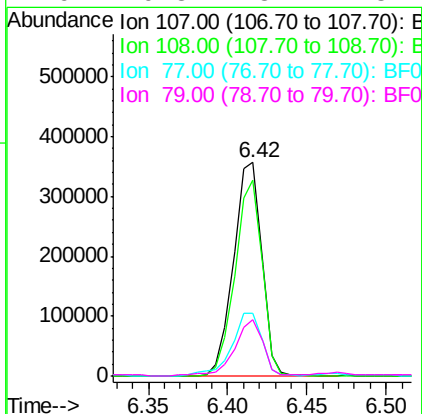
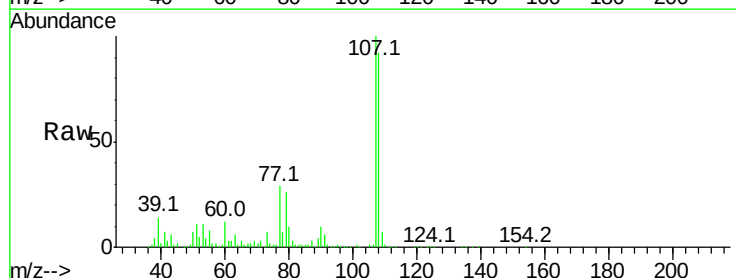
Ion Ratio Lower Upper

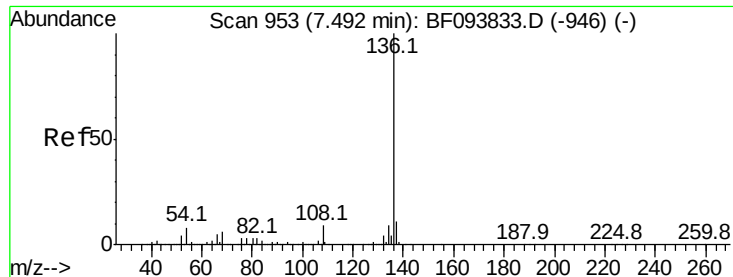
107 100

108 91.8 71.0 111.0

77 29.3 90.5 130.5#

79 26.3 8.4 48.4

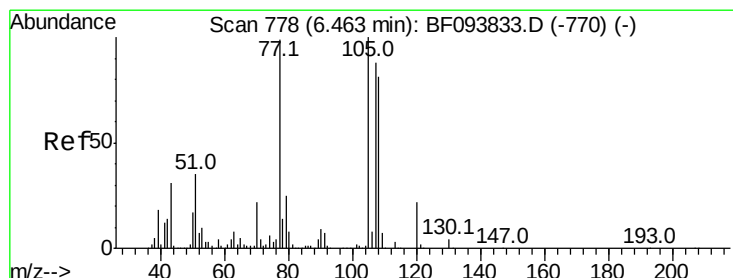
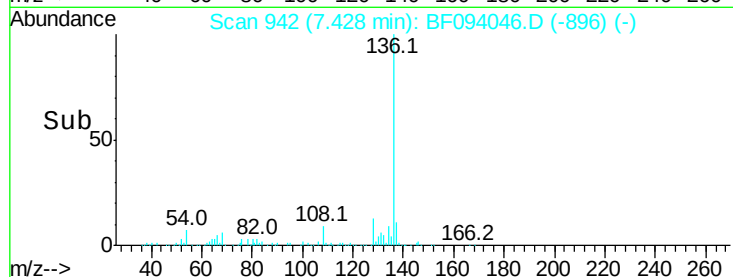
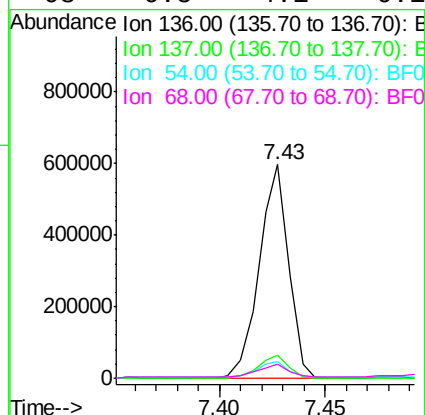
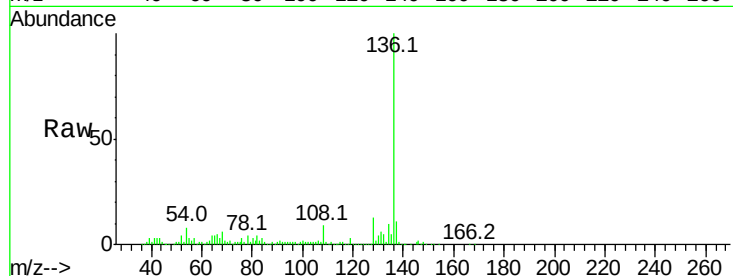




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.43 min Scan# 942
Delta R.T. -0.03 min
Lab File: BF094046.D
Acq: 30 Mar 2017 5:51

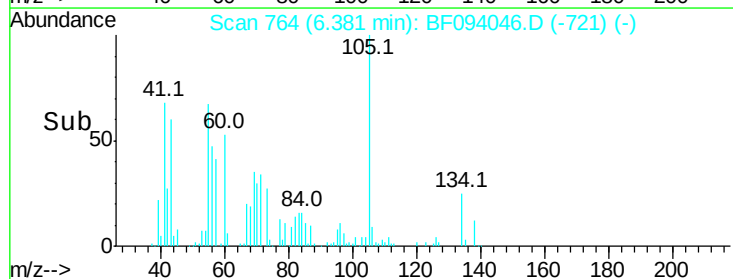
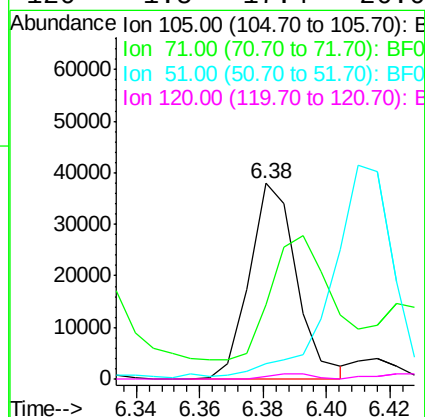
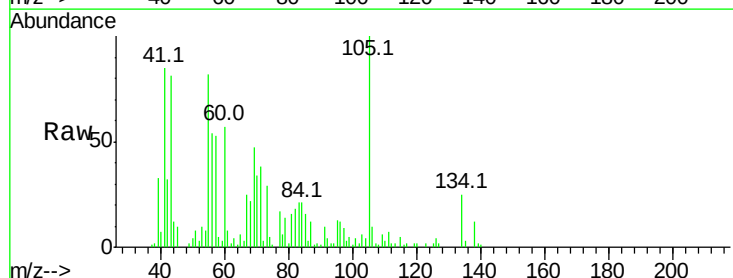
Instrument :
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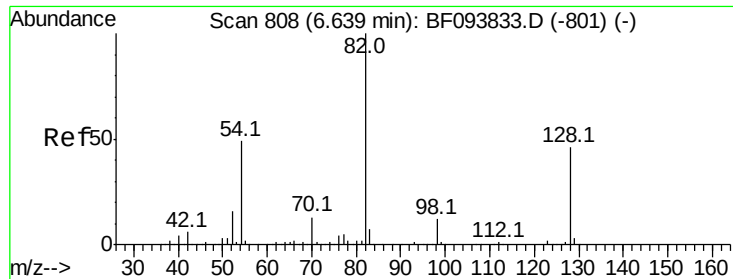
Tot Ion:136	Resp:	574879	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.5	12.7	
54 7.6	4.9	7.3#	
68 6.5	4.1	6.1#	



#22
Acetophenone
Concen: 3.06 ng
RT: 6.38 min Scan# 764
Delta R.T. -0.05 min
Lab File: BF094046.D
Acq: 30 Mar 2017 5:51

Tgt	Ion:105	Resp:	39204
Ion	Ratio	Lower	Upper
105	100		
71	38.2	2.8	4.2#
51	7.8	30.7	46.1#
120	1.5	17.4	26.0#

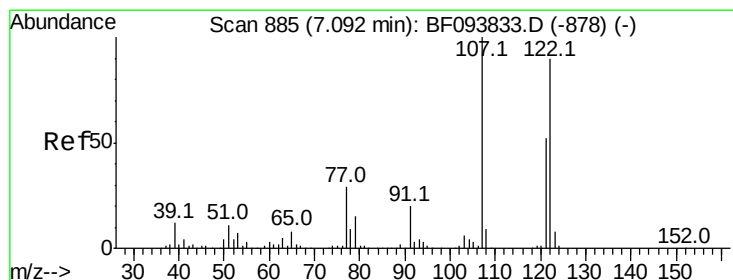
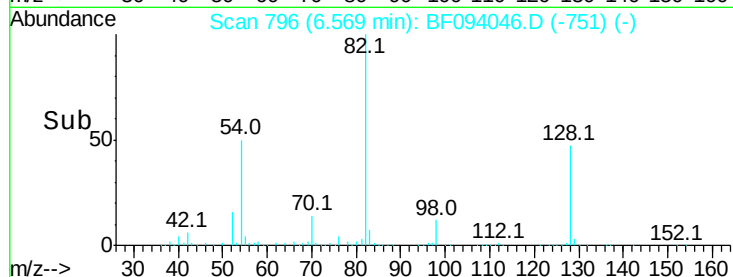
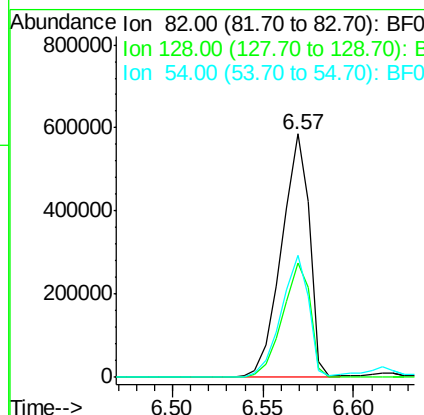
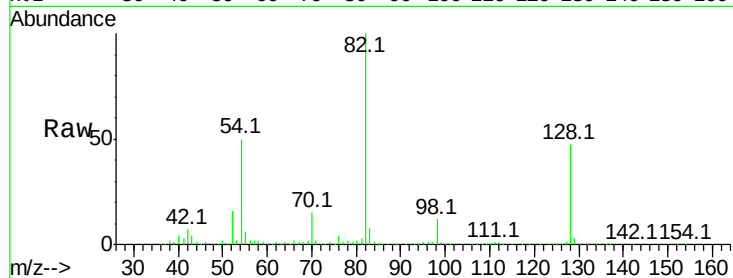




#23
 Nitrobenzene-d5
 Concen: 62.08 ng
 RT: 6.57 min Scan# 796
 Delta R.T. -0.04 min
 Lab File: BF094046.D
 Acq: 30 Mar 2017 5:51

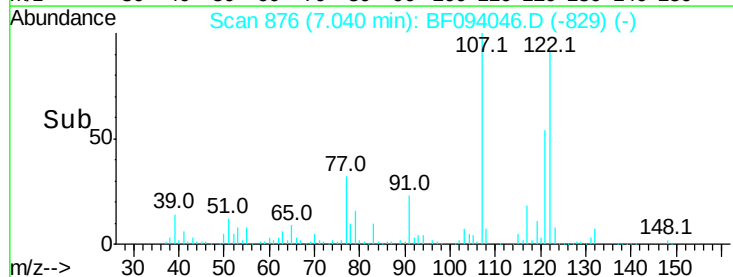
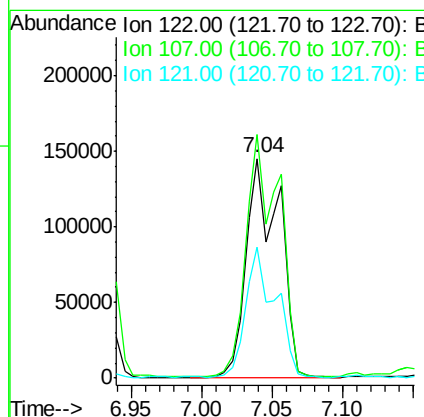
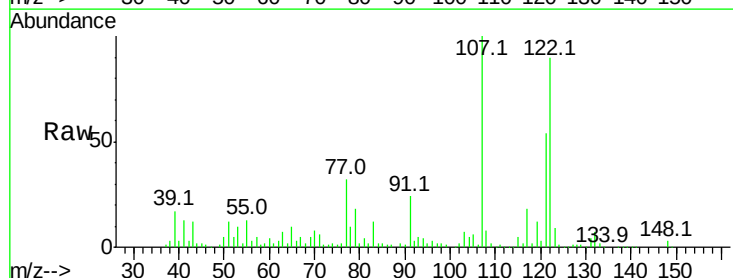
Instrument :
 BNA_F
 ClientSampleId :
 E2-AA9-NSW

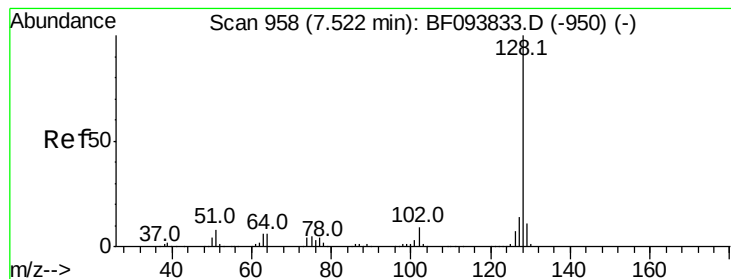
Tot Ion	82	Resp	625407
Ion Ratio	100	Lower	Upper
128	47.1	34.0	51.0
54	50.0	42.2	63.2



#27
 2,4-Dimethylphenol
 Concen: 29.55 ng
 RT: 7.04 min Scan# 876
 Delta R.T. -0.02 min
 Lab File: BF094046.D
 Acq: 30 Mar 2017 5:51

Tgt Ion	122	Resp	241244
Ion Ratio	100	Lower	Upper
107	110.9	89.2	133.8
121	59.6	45.2	67.8





#31

Naphthalene

Concen: 19.51 ng

RT: 7.45 min Scan# 946

Delta R.T. -0.04 min

Lab File: BF094046.D

Acq: 30 Mar 2017 5:51

Instrument :

BNA_F

ClientSampleId :

E2-AA9-NSW

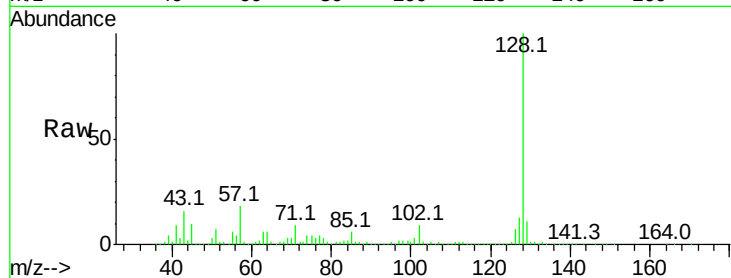
Tot Ion:128 Resp: 539314

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

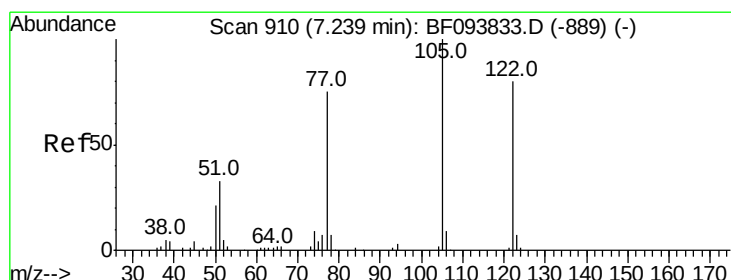
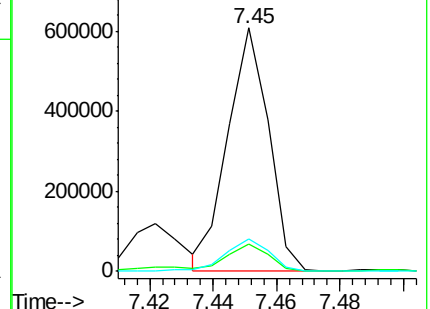
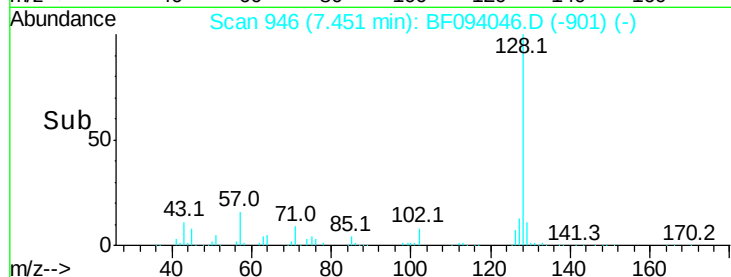
127 13.4 10.8 16.2



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: 46.94 ng

RT: 7.20 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094046.D

Acq: 30 Mar 2017 5:51

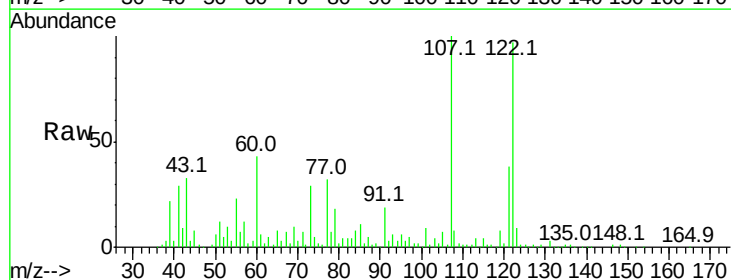
Tgt Ion:122 Resp: 255107

Ion Ratio Lower Upper

122 100

105 7.1 103.3 143.3#

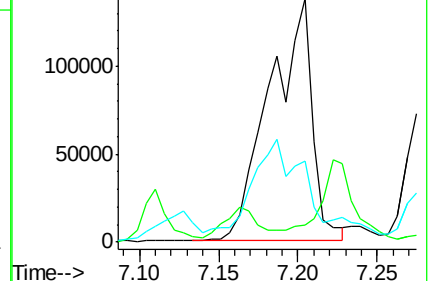
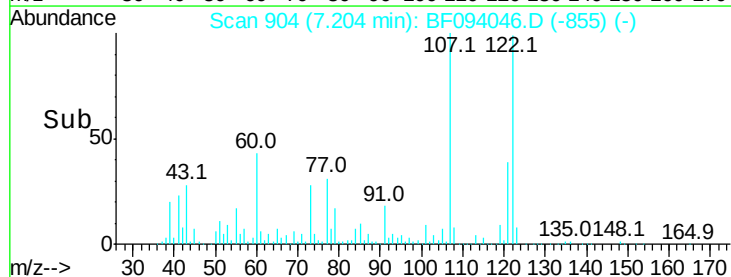
77 33.1 73.7 113.7#

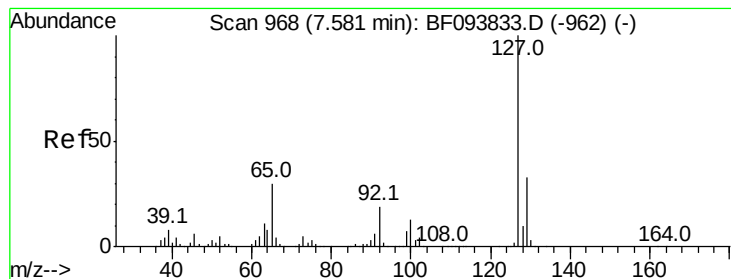


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 6.97 ng

RT: 7.45 min Scan# 946

Delta R.T. -0.10 min

Lab File: BF094046.D

Acq: 30 Mar 2017 5:51

Instrument :

BNA_F

ClientSampleId :

E2-AA9-NSW

Tot Ion:127 Resp: 78058

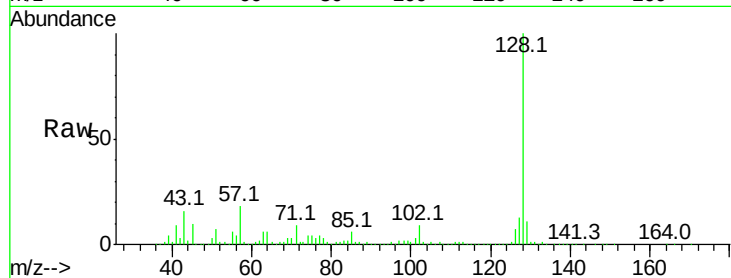
Ion Ratio Lower Upper

127 100

129 82.4 26.2 39.2#

65 4.5 27.8 41.8#

92 0.7 16.8 25.2#

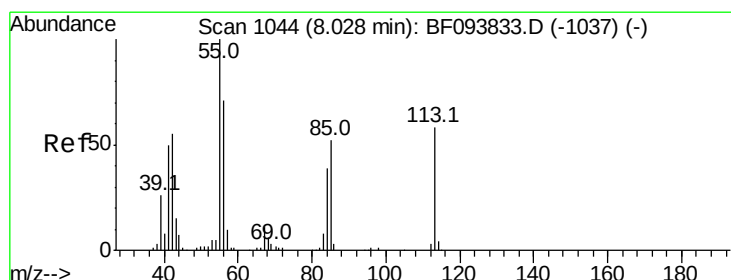
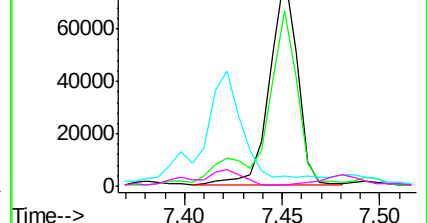
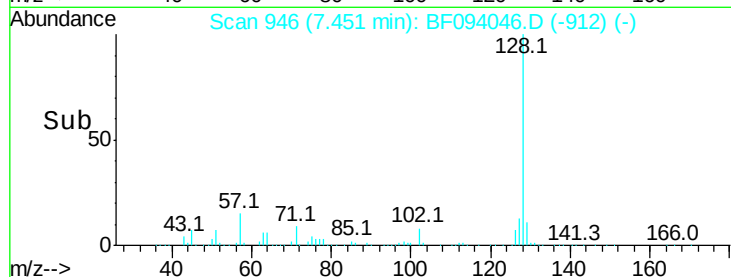


Abundance Ion 127.00 (126.70 to 127.70): E

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: 10.13 ng

RT: 7.99 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BF094046.D

Acq: 30 Mar 2017 5:51

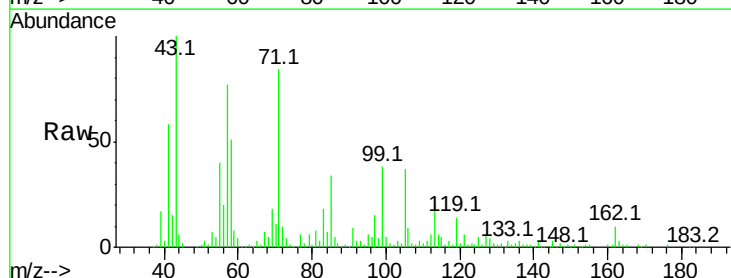
Tgt Ion:113 Resp: 24662

Ion Ratio Lower Upper

113 100

55 196.5 150.2 190.2#

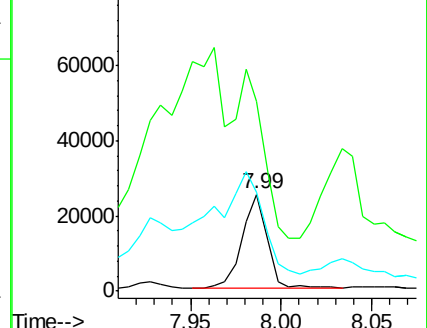
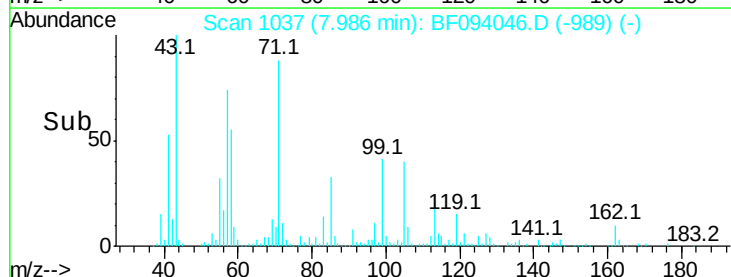
56 101.6 107.8 147.8#

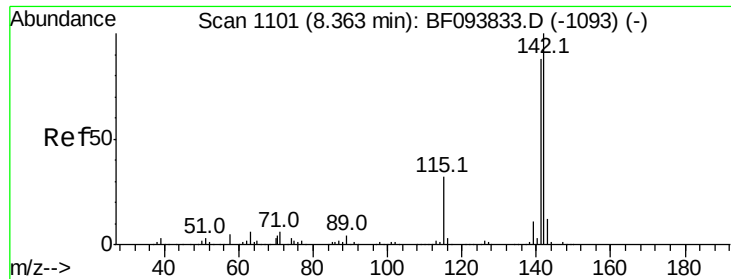


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

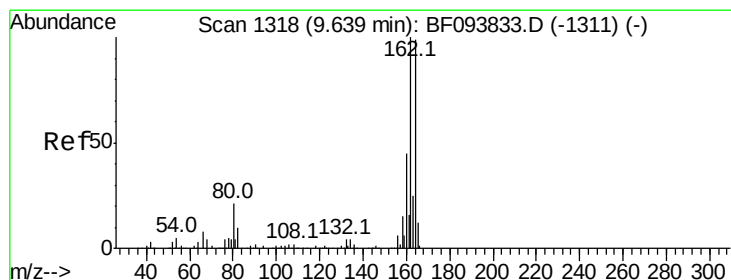
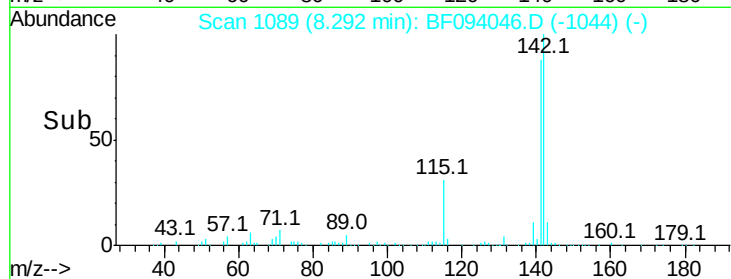
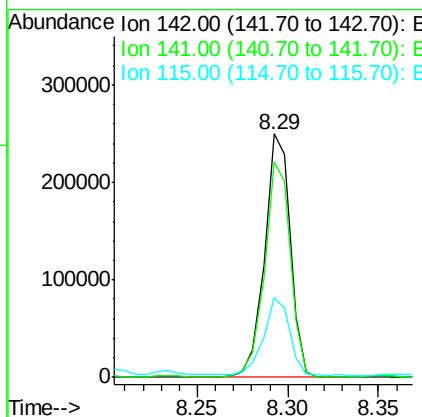
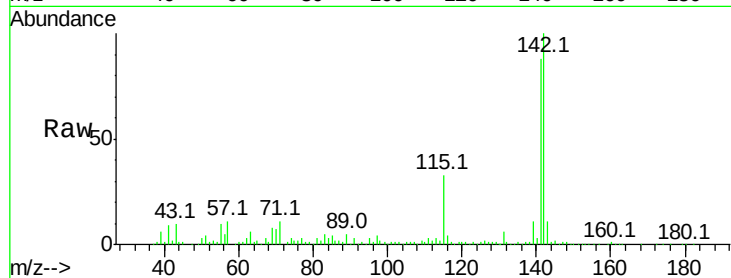




#37
 2-Methylnaphthalene
 Concen: 13.39 ng
 RT: 8.29 min Scan# 1089
 Delta R.T. -0.04 min
 Lab File: BF094046.D
 Acq: 30 Mar 2017 5:51

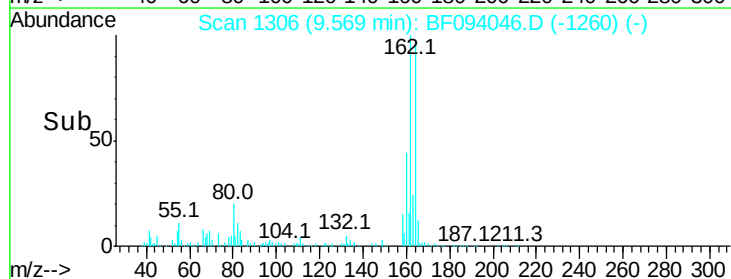
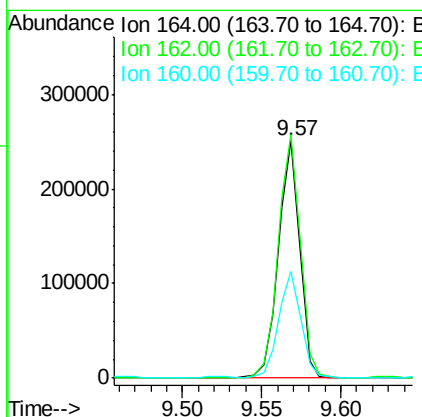
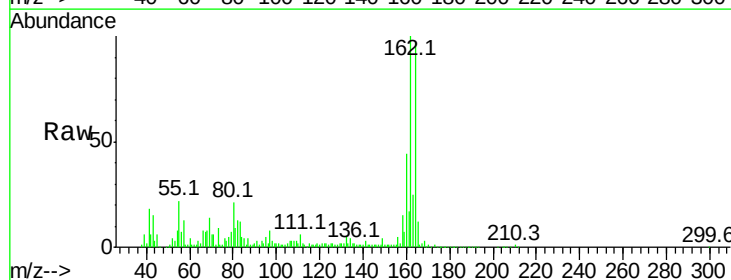
Instrument :
 BNA_F
 ClientSampleId :
 E2-AA9-NSW

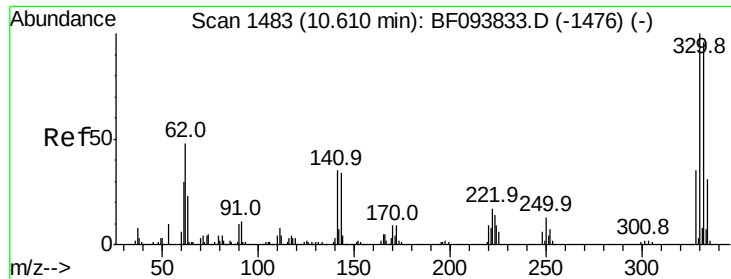
Tot Ion:142 Resp: 246718
 Ion Ratio Lower Upper
 142 100
 141 88.5 71.3 106.9
 115 32.6 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.57 min Scan# 1306
 Delta R.T. -0.03 min
 Lab File: BF094046.D
 Acq: 30 Mar 2017 5:51

Tgt Ion:164 Resp: 233290
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.6 123.8
 160 45.2 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 99.22 ng

RT: 10.55 min Scan# 1473

Delta R.T. -0.02 min

Lab File: BF094046.D

Acq: 30 Mar 2017 5:51

Instrument :

BNA_F

ClientSampleId :

E2-AA9-NSW

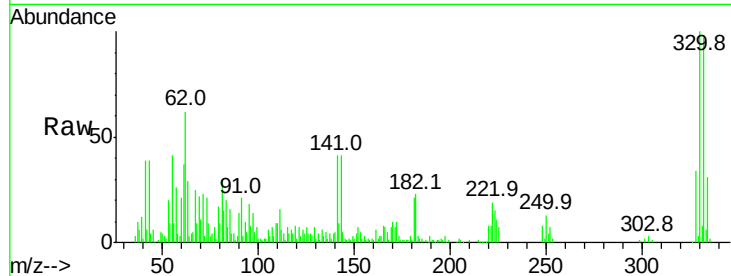
Tot Ion:330 Resp: 182903

Ion Ratio Lower Upper

330 100

332 95.6 76.6 115.0

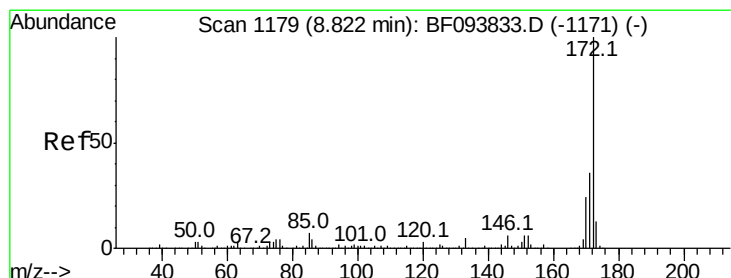
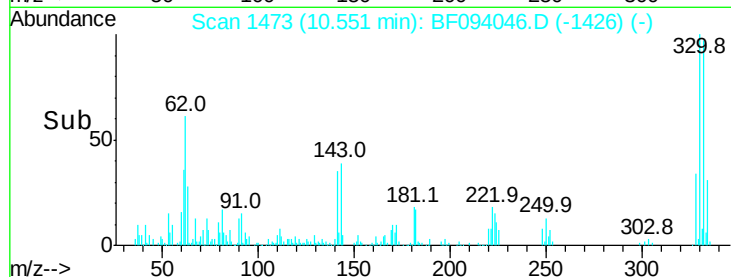
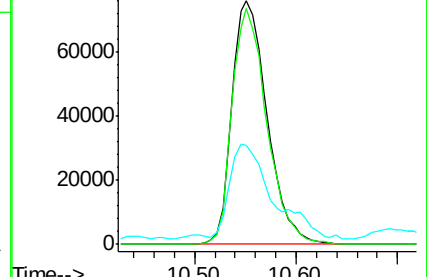
141 48.1 31.4 47.2#



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: 67.94 ng

RT: 8.75 min Scan# 1167

Delta R.T. -0.03 min

Lab File: BF094046.D

Acq: 30 Mar 2017 5:51

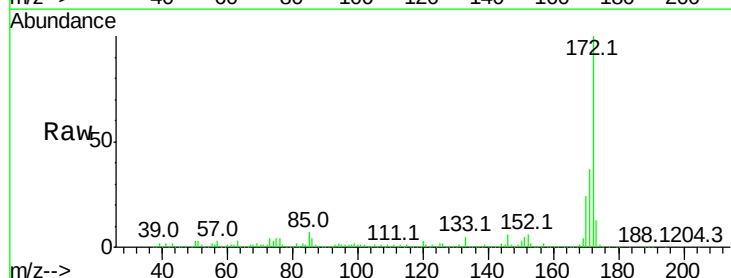
Tgt Ion:172 Resp: 1039214

Ion Ratio Lower Upper

172 100

171 36.8 29.6 44.4

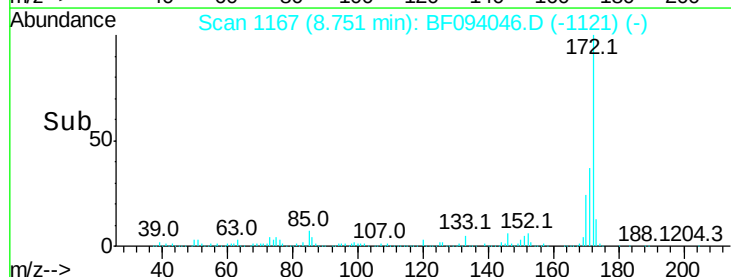
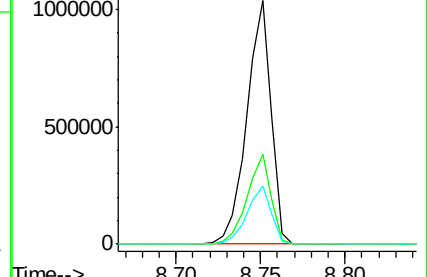
170 23.7 19.8 29.8

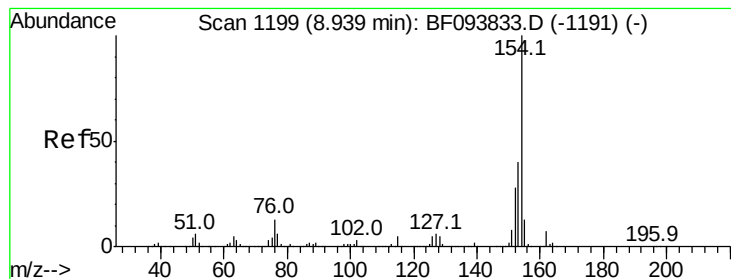


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 3.01 ng

RT: 8.87 min Scan# 1187

Delta R.T. -0.03 min

Lab File: BF094046.D

Acq: 30 Mar 2017 5:51

Instrument :

BNA_F

ClientSampleId :

E2-AA9-NSW

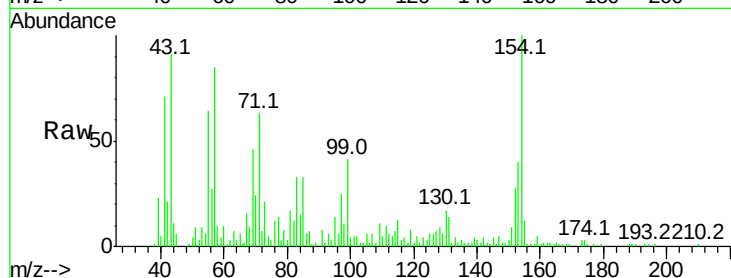
Tot Ion:154 Resp: 56591

Ion Ratio Lower Upper

154 100

153 39.6 21.2 61.2

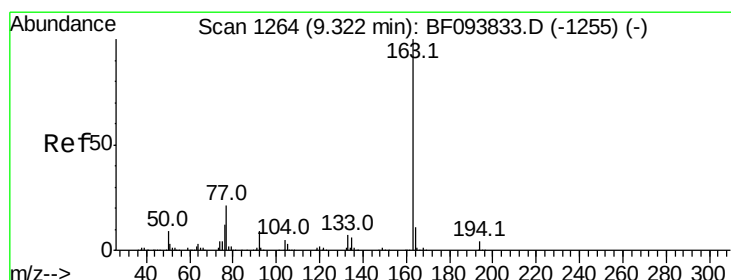
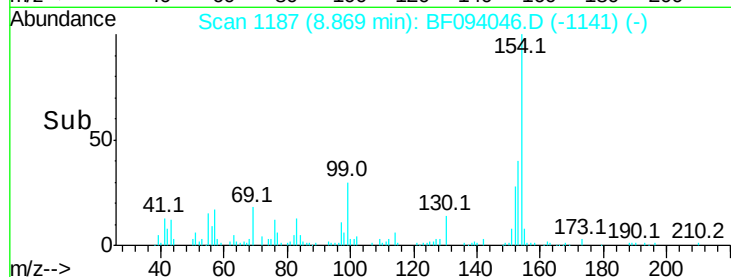
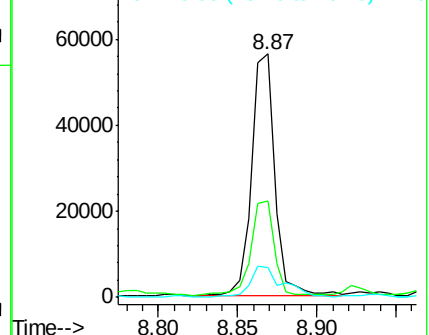
76 12.1 0.0 29.9



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



#49

Dimethylphthalate

Concen: 3.76 ng

RT: 9.25 min Scan# 1251

Delta R.T. -0.04 min

Lab File: BF094046.D

Acq: 30 Mar 2017 5:51

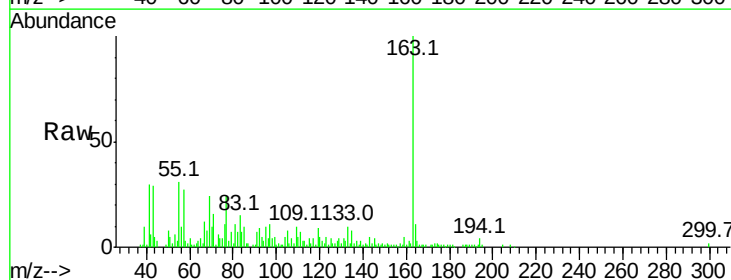
Tgt Ion:163 Resp: 62387

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

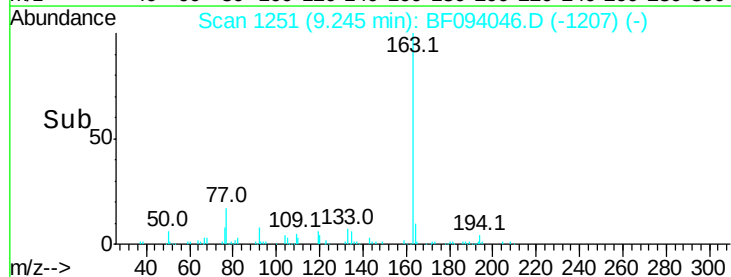
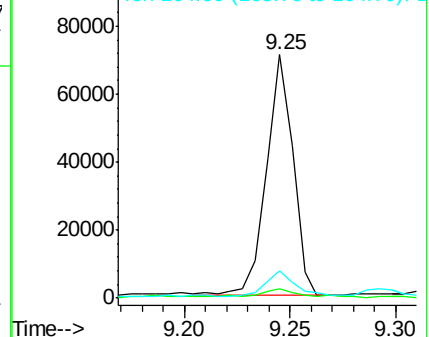
164 11.2 8.4 12.6

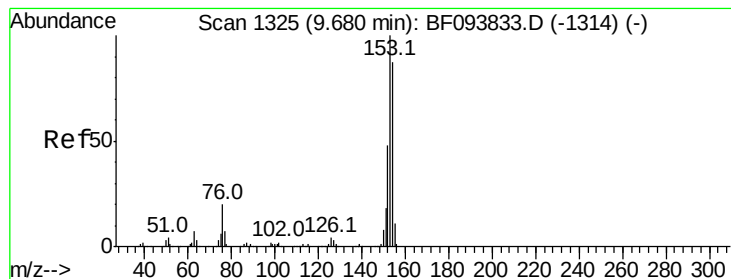


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 11.73 ng

RT: 9.60 min Scan# 1312

Delta R.T. -0.04 min

Lab File: BF094046.D

Acq: 30 Mar 2017 5:51

Instrument :

BNA_F

ClientSampleId :

E2-AA9-NSW

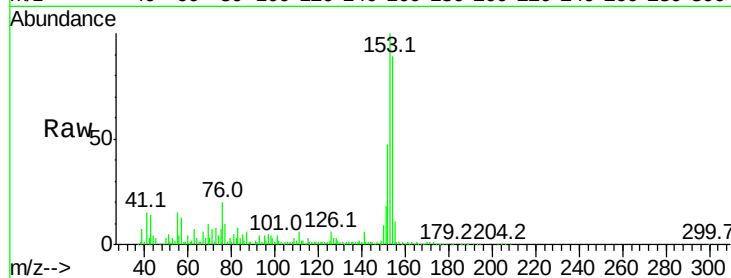
Tot Ion:154 Resp: 167612

Ion Ratio Lower Upper

154 100

153 112.4 90.5 135.7

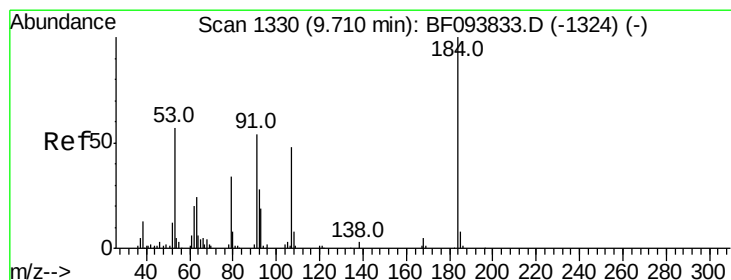
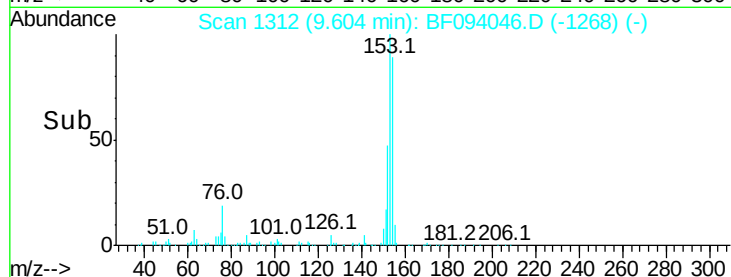
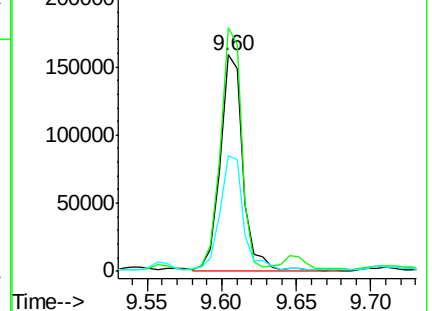
152 53.1 43.6 65.4



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: 4.72 ng

RT: 9.56 min Scan# 1305

Delta R.T. -0.12 min

Lab File: BF094046.D

Acq: 30 Mar 2017 5:51

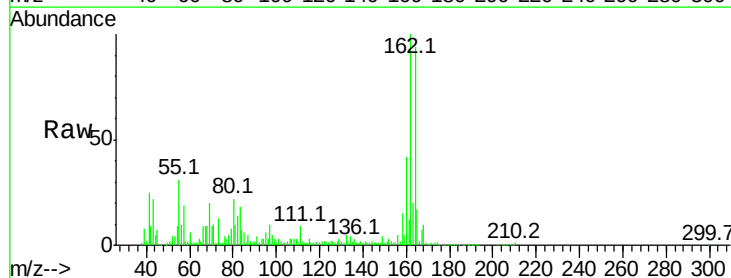
Tgt Ion:184 Resp: 131

Ion Ratio Lower Upper

184 100

63 433.5 62.7 94.1#

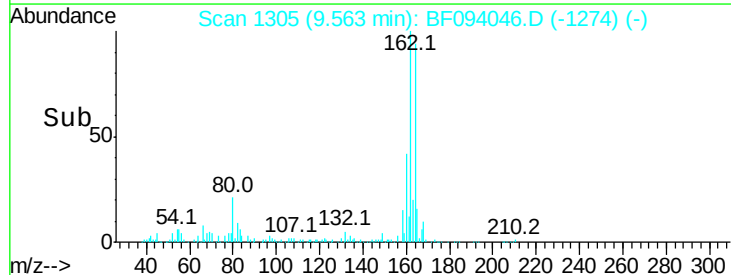
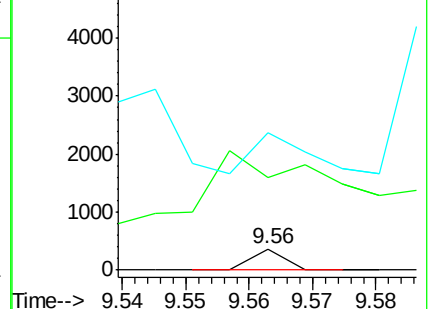
154 641.4 81.1 121.7#

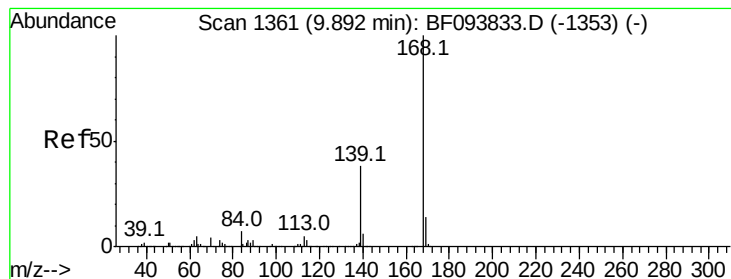


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 7.07 ng

RT: 9.82 min Scan# 1349

Delta R.T. -0.04 min

Lab File: BF094046.D

Acq: 30 Mar 2017 5:51

Instrument :

BNA_F

ClientSampleId :

E2-AA9-NSW

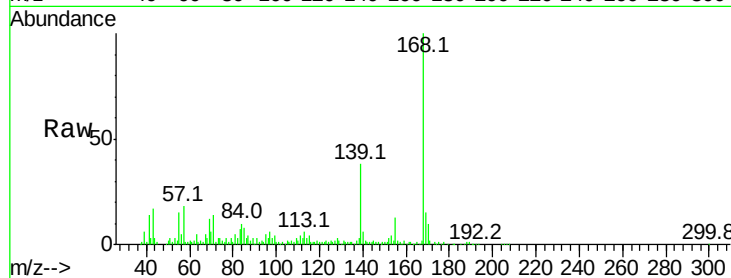
Tot Ion:168 Resp: 137557

Ion Ratio Lower Upper

168 100

139 38.5 30.6 45.8

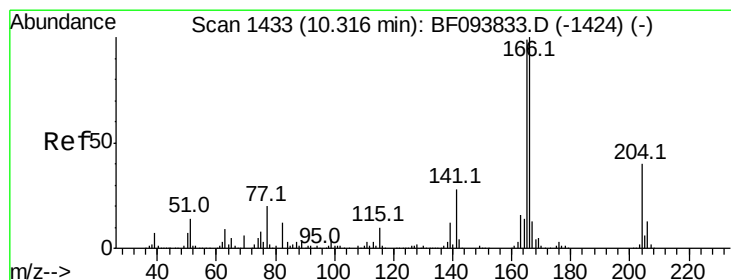
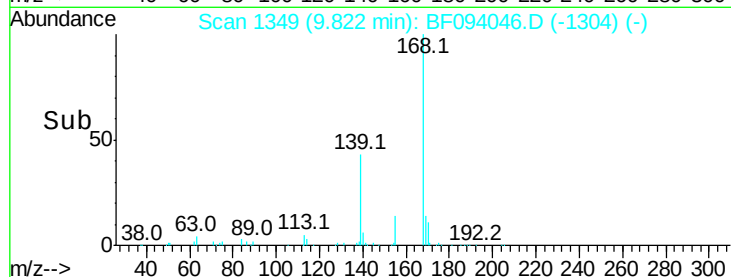
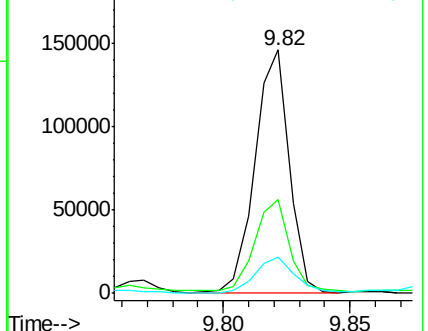
169 14.7 10.8 16.2



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: 9.84 ng

RT: 10.24 min Scan# 1420

Delta R.T. -0.04 min

Lab File: BF094046.D

Acq: 30 Mar 2017 5:51

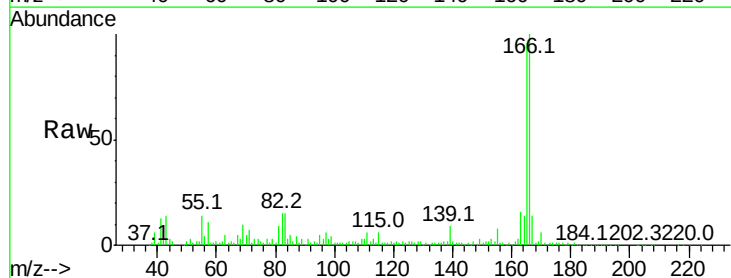
Tgt Ion:166 Resp: 158669

Ion Ratio Lower Upper

166 100

165 96.4 78.8 118.2

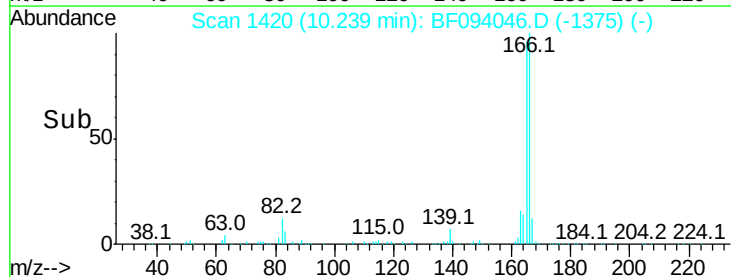
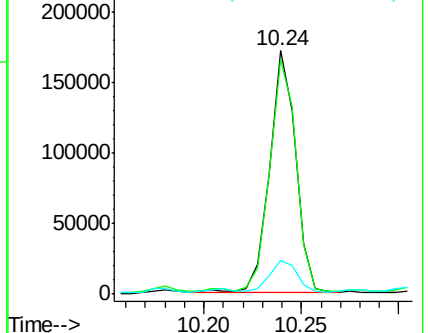
167 13.8 10.6 16.0

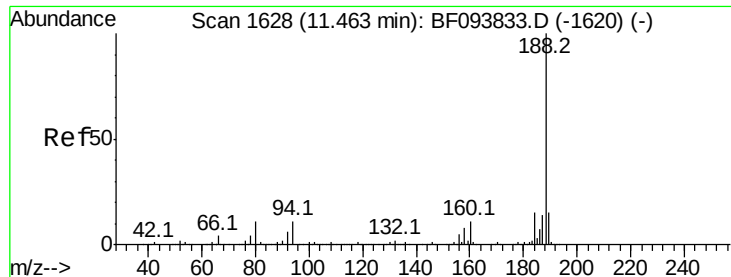


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BF094046.D

Acq: 30 Mar 2017 5:51

Instrument :

BNA_F

ClientSampleId :

E2-AA9-NSW

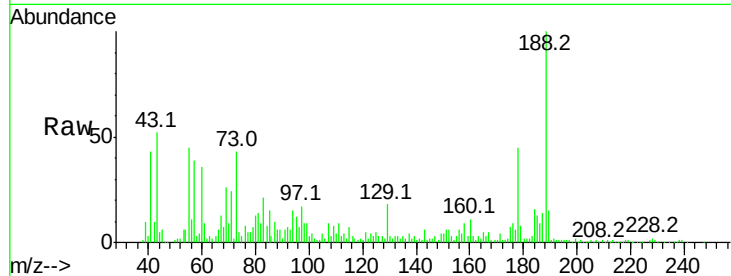
Tot Ion:188 Resp: 349257

Ion Ratio Lower Upper

188 100

94 15.2 9.4 14.2#

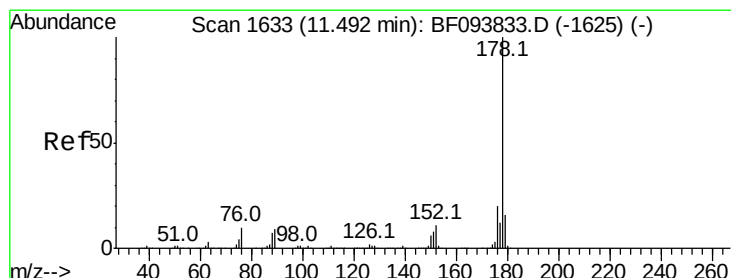
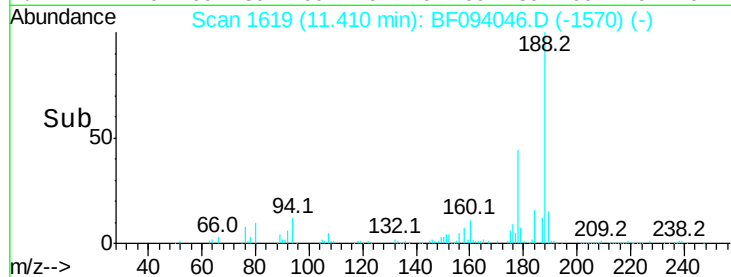
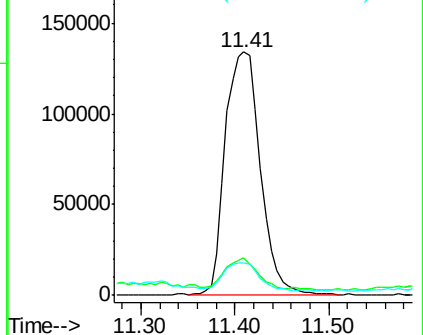
80 13.2 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#70

Phenanthrene

Concen: 58.08 ng

RT: 11.44 min Scan# 1624

Delta R.T. -0.02 min

Lab File: BF094046.D

Acq: 30 Mar 2017 5:51

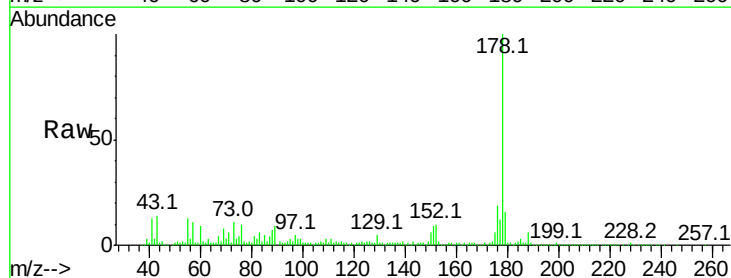
Tgt Ion:178 Resp: 1128313

Ion Ratio Lower Upper

178 100

176 19.2 16.2 24.4

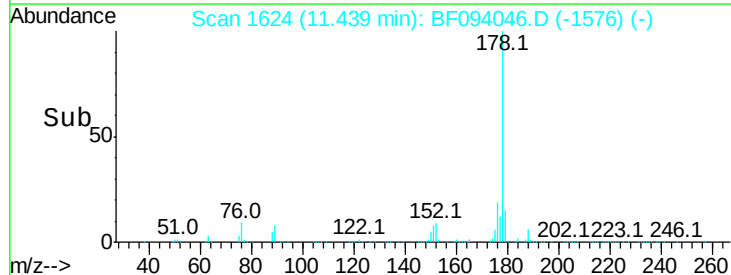
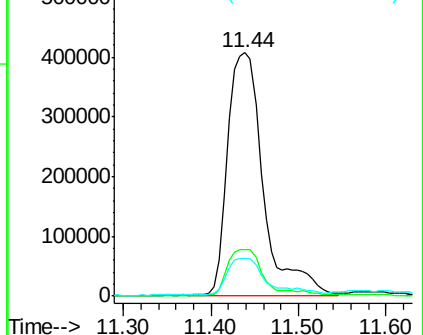
179 15.5 12.6 19.0

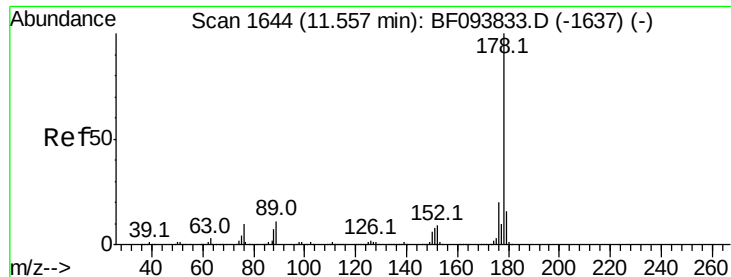


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

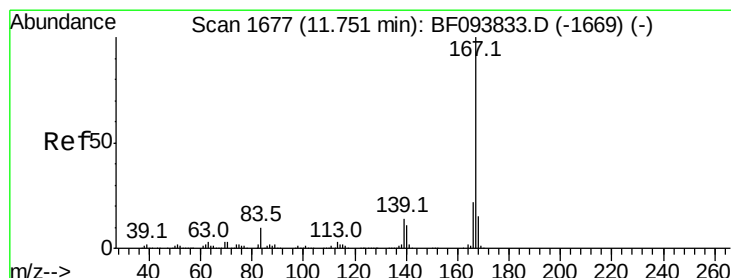
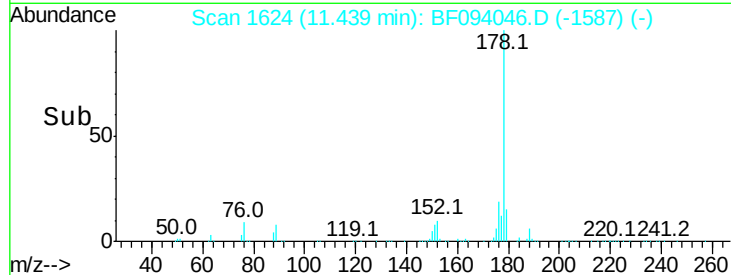
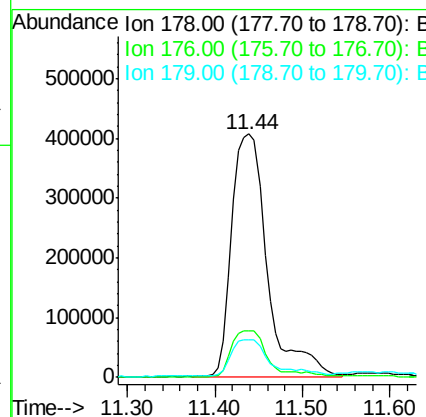
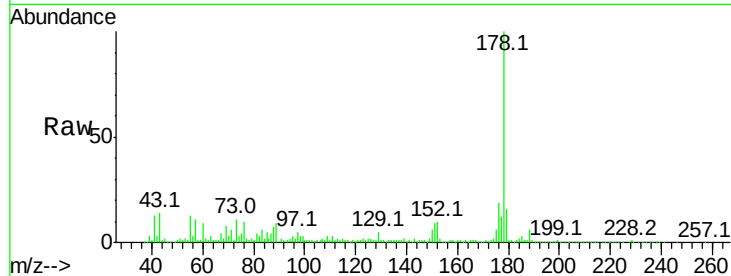




#71
 Anthracene
 Concen: 56.40 ng
 RT: 11.44 min Scan# 1624
 Delta R.T. -0.08 min
 Lab File: BF094046.D
 Acq: 30 Mar 2017 5:51

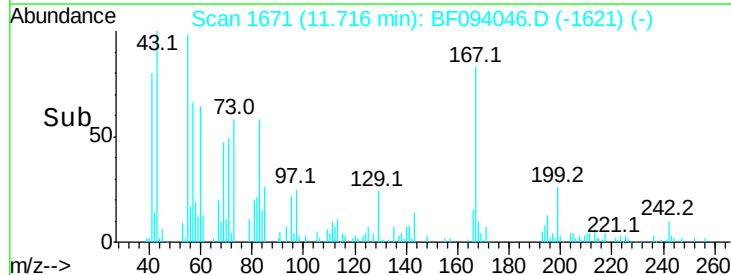
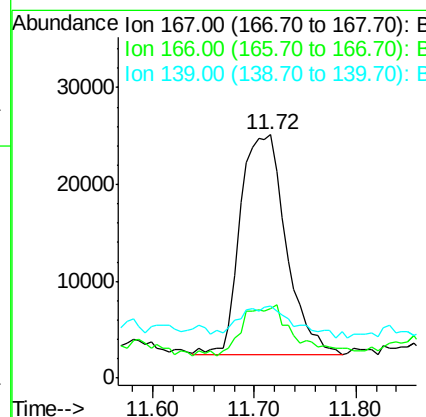
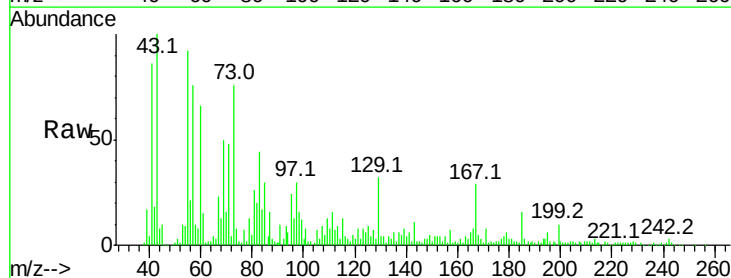
Instrument :
 BNA_F
 ClientSampleId :
 E2-AA9-NSW

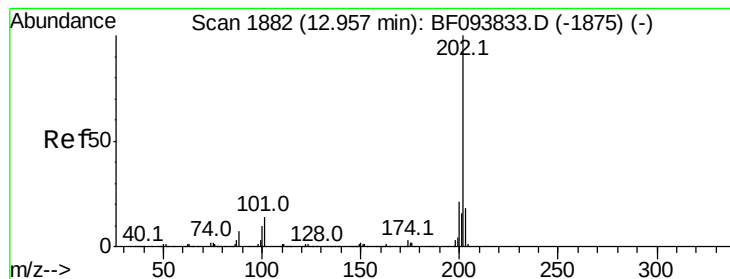
Tot Ion:178 Resp: 1128313
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 3.48 ng
 RT: 11.72 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF094046.D
 Acq: 30 Mar 2017 5:51

Tgt Ion:167 Resp: 71391
 Ion Ratio Lower Upper
 167 100
 166 28.4 18.1 27.1#
 139 29.4 11.7 17.5#





#74

Fluoranthene

Concen: 32.06 ng

RT: 12.95 min Scan# 1880

Delta R.T. 0.02 min

Lab File: BF094046.D

Acq: 30 Mar 2017 5:51

Instrument :

BNA_F

ClientSampleId :

E2-AA9-NSW

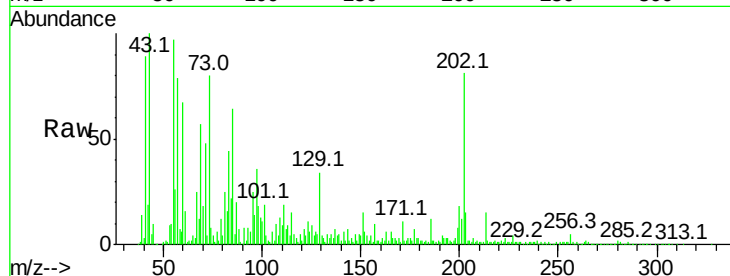
Tot Ion:202 Resp: 637748

Ion Ratio Lower Upper

202 100

101 23.8 0.0 33.2

203 18.5 0.0 38.1

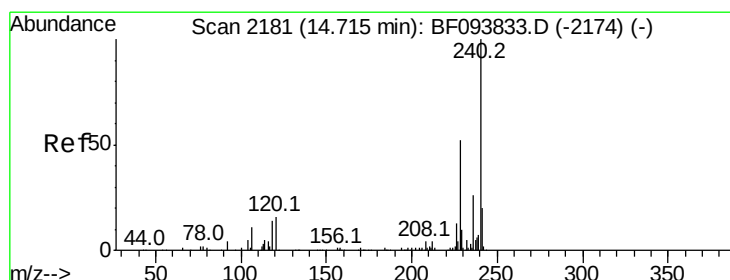
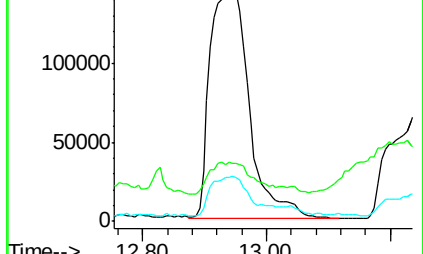
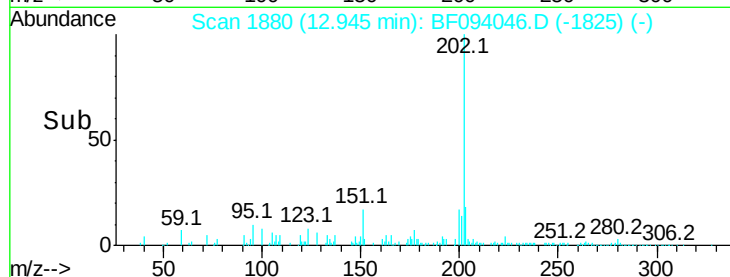


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.70 min Scan# 2178

Delta R.T. 0.02 min

Lab File: BF094046.D

Acq: 30 Mar 2017 5:51

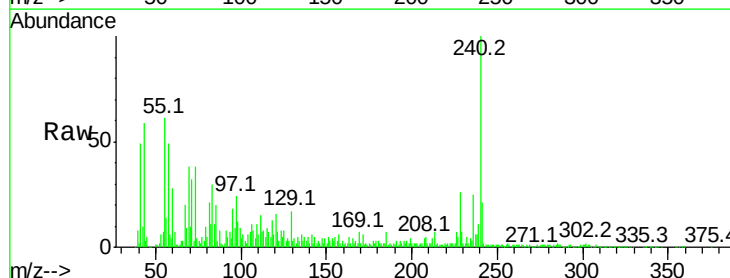
Tgt Ion:240 Resp: 272290

Ion Ratio Lower Upper

240 100

120 15.8 5.8 8.8#

236 25.3 20.5 30.7

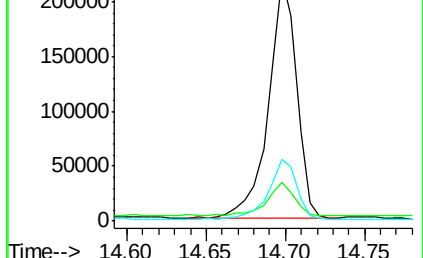
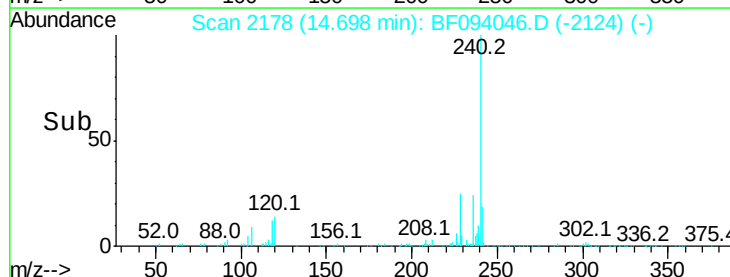


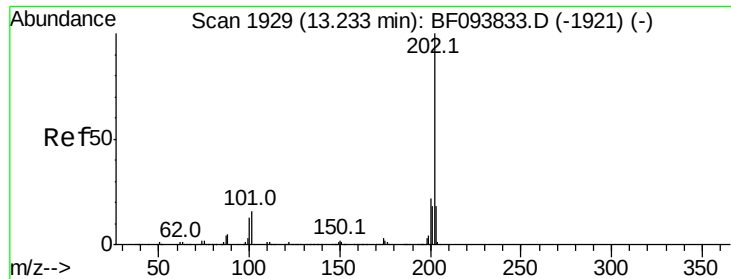
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->

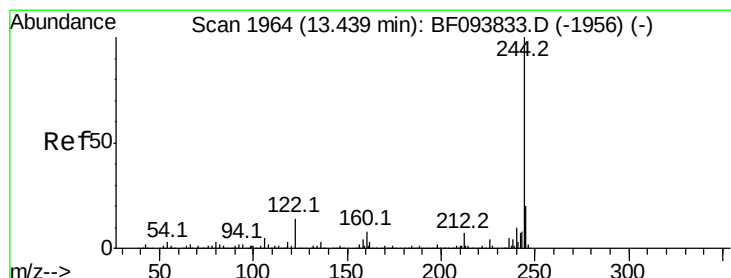
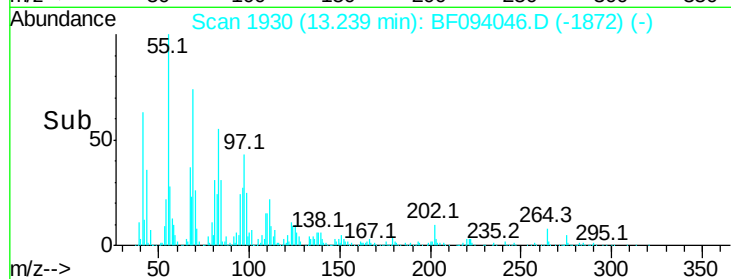
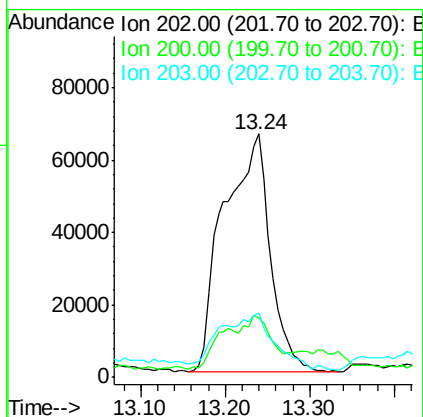
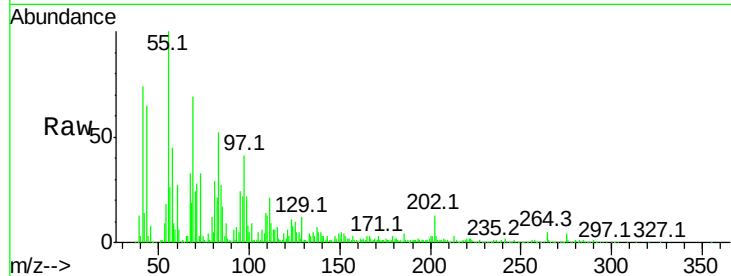




#77
Pvrene
Concen: 12.76 ng
RT: 13.24 min Scan# 1930
Delta R.T. 0.04 min
Lab File: BF094046.D
Acq: 30 Mar 2017 5:51

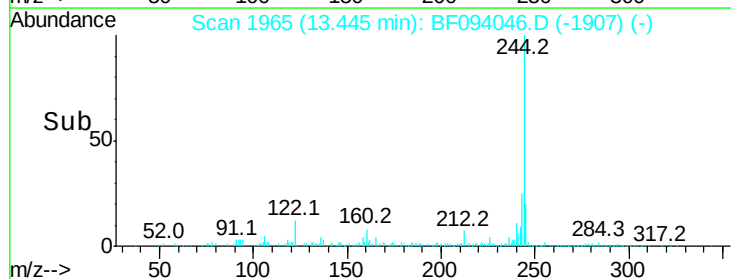
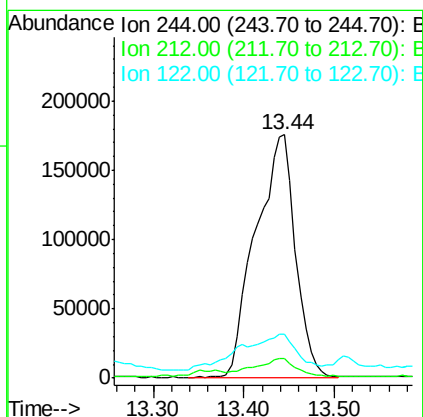
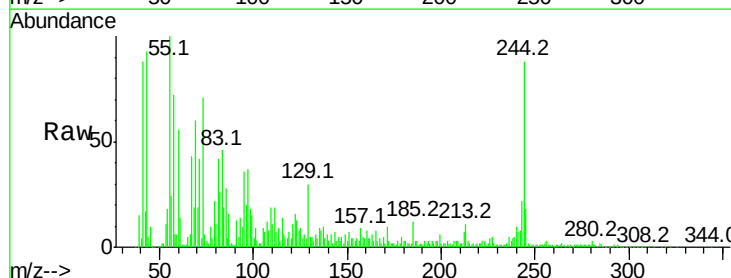
Instrument :
BNA_F
ClientSampleId :
E2-AA9-NSW

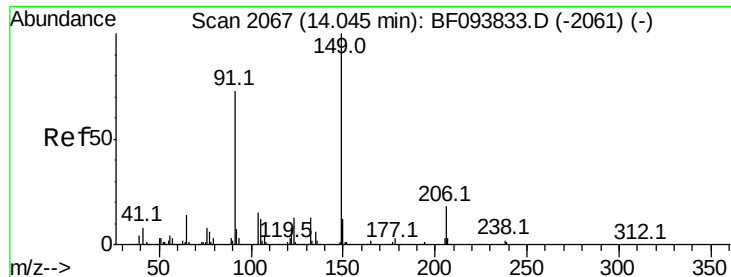
Tot Ion	Ratio	Lower	Upper
202	100		
200	24.1	17.6	26.4
203	26.6	14.4	21.6



#78
Terphenyl-d14
Concen: 44.17 ng
RT: 13.44 min Scan# 1965
Delta R.T. 0.04 min
Lab File: BF094046.D
Acq: 30 Mar 2017 5:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	18.1	10.3	15.5

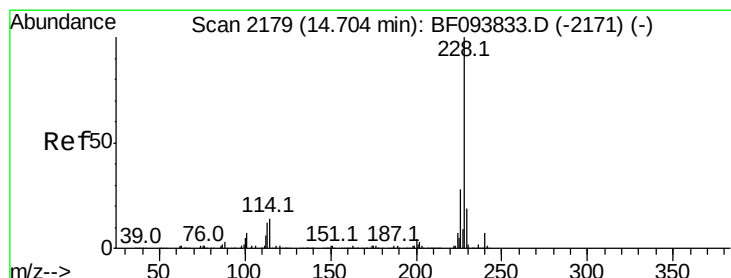
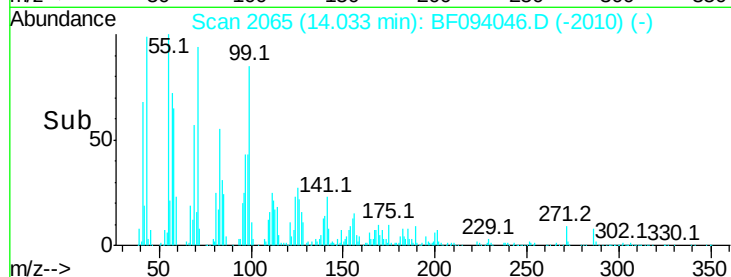
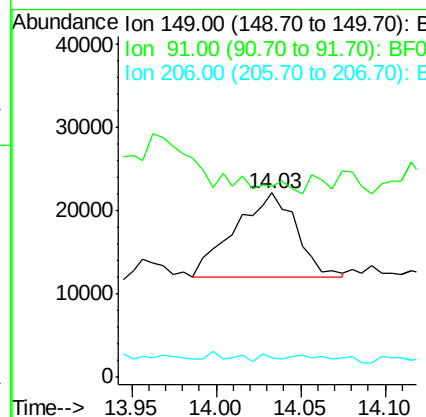
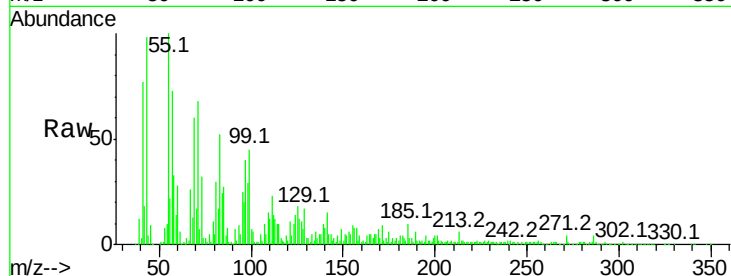




#79
Butylbenzylphthalate
Concen: 3.02 ng
RT: 14.03 min Scan# 2065
Delta R.T. 0.02 min
Lab File: BF094046.D
Acq: 30 Mar 2017 5:51

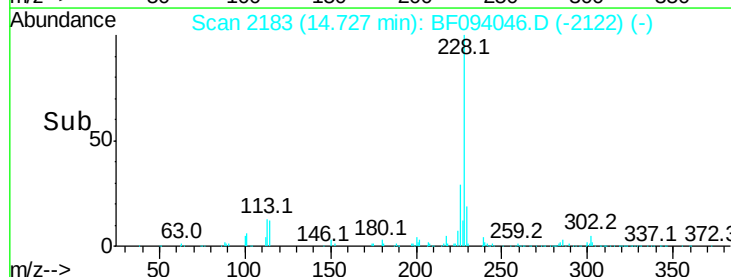
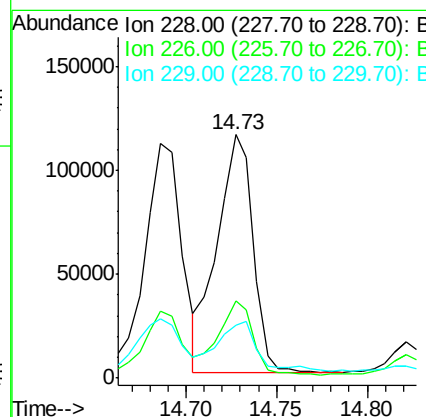
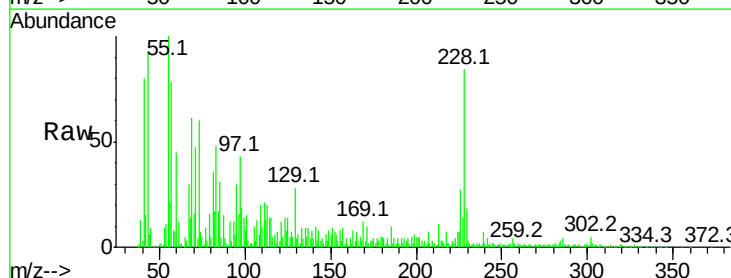
Instrument :
BNA_F
ClientSampleId :
E2-AA9-NSW

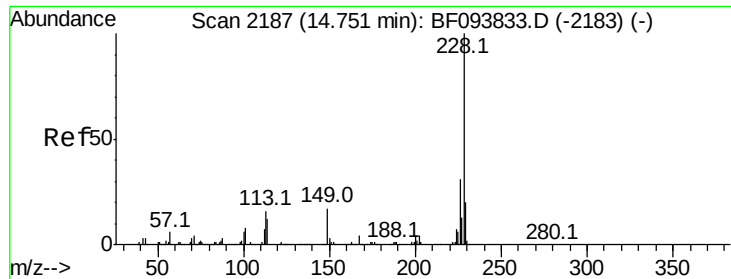
Tot Ion:149 Resp: 25469
Ion Ratio Lower Upper
149 100
91 103.8 45.0 67.4#
206 10.7 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 10.02 ng
RT: 14.73 min Scan# 2183
Delta R.T. 0.06 min
Lab File: BF094046.D
Acq: 30 Mar 2017 5:51

Tgt Ion:228 Resp: 159024
Ion Ratio Lower Upper
228 100
226 31.6 22.6 33.8
229 21.8 16.3 24.5





#82

Chrysene

Concen: 10.79 ng

RT: 14.73 min Scan# 2183

Delta R.T. 0.01 min

Lab File: BF094046.D

Acq: 30 Mar 2017 5:51

Instrument :

BNA_F

ClientSampleId :

E2-AA9-NSW

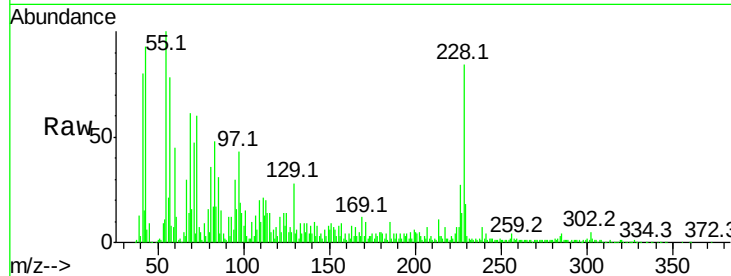
Tot Ion:228 Resp: 159024

Ion Ratio Lower Upper

228 100

226 31.6 24.9 37.3

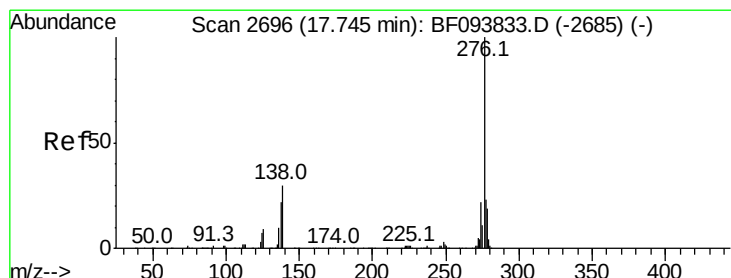
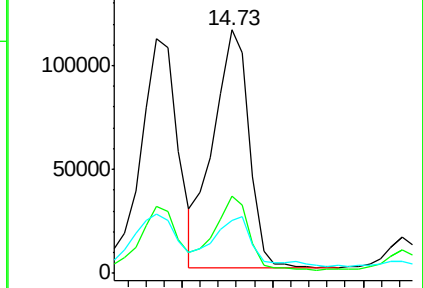
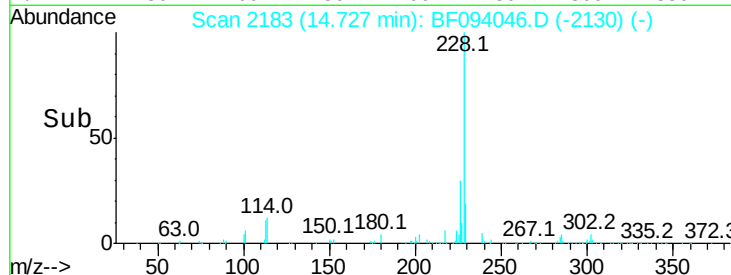
229 21.8 15.8 23.6



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: 5.86 ng

RT: 17.66 min Scan# 2682

Delta R.T. -0.02 min

Lab File: BF094046.D

Acq: 30 Mar 2017 5:51

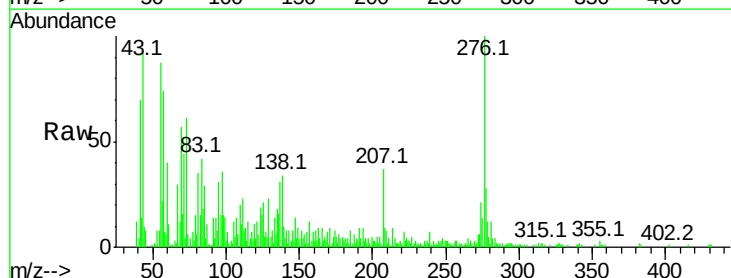
Tgt Ion:276 Resp: 74836

Ion Ratio Lower Upper

276 100

138 34.0 27.8 41.6

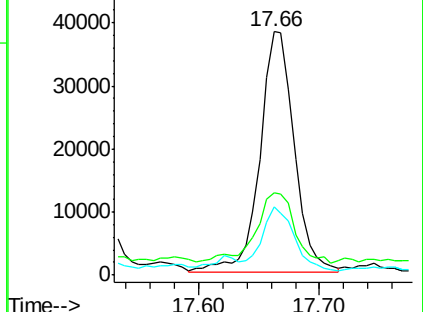
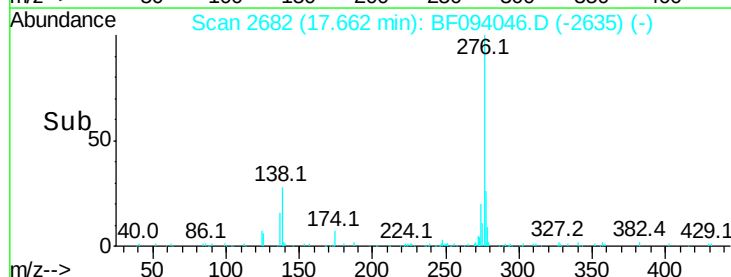
277 25.1 20.2 30.4

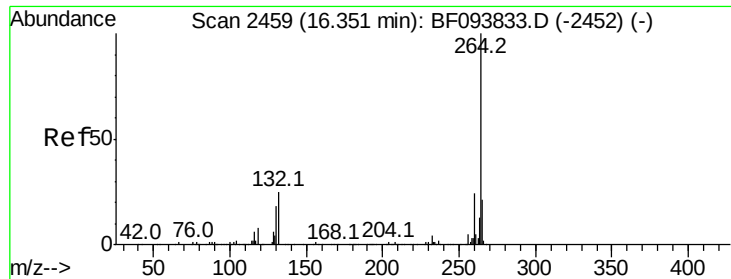


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

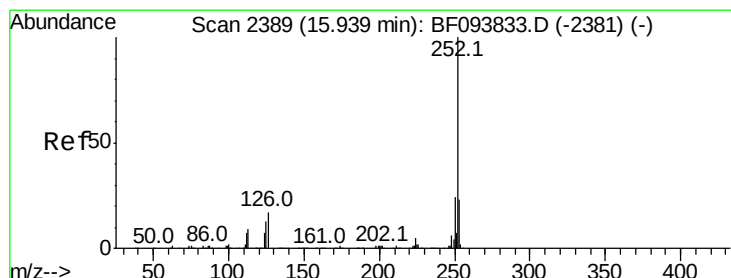
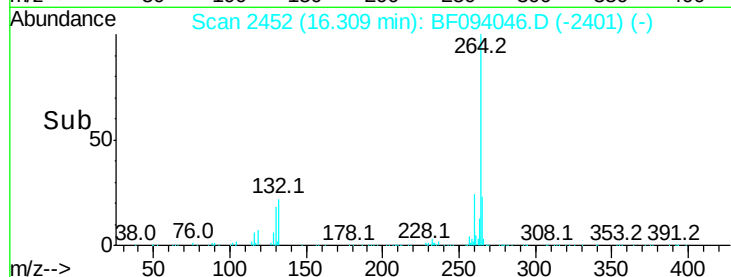
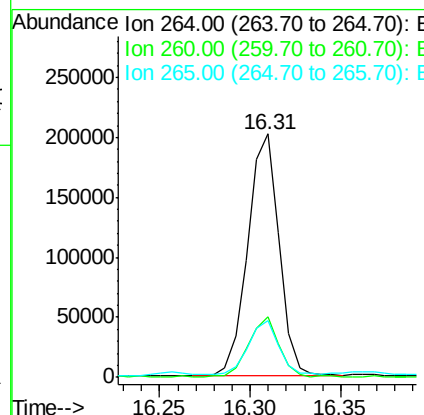
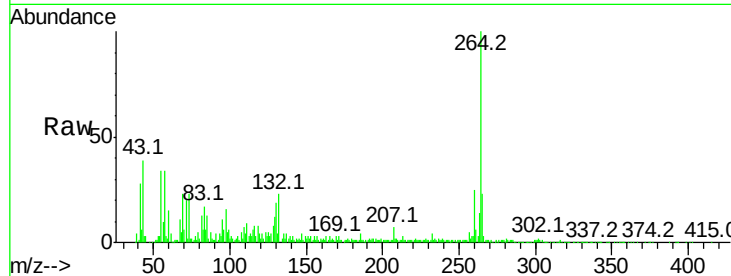




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.31 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BF094046.D
Acq: 30 Mar 2017 5:51

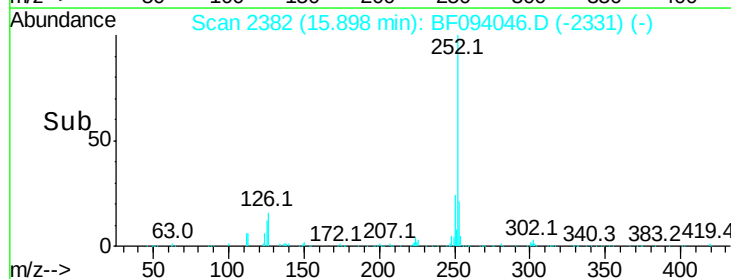
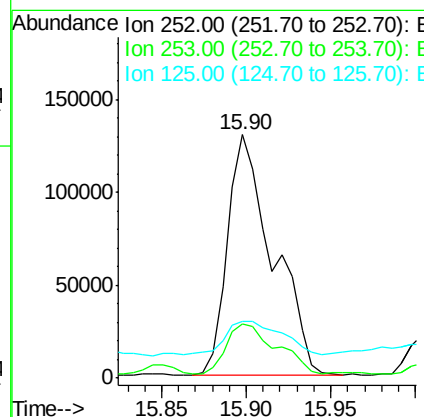
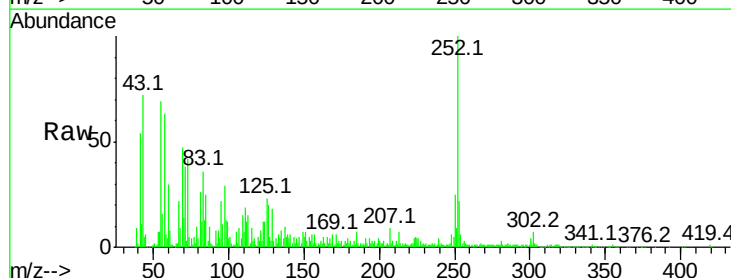
Instrument :
BNA_F
ClientSampleId :
E2-AA9-NSW

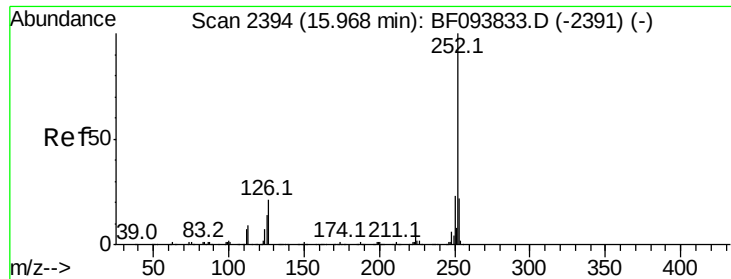
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	23.2	17.2	25.8



#87
Benzo(b)fluoranthene
Concen: 16.44 ng
RT: 15.90 min Scan# 2382
Delta R.T. 0.00 min
Lab File: BF094046.D
Acq: 30 Mar 2017 5:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	23.4	9.8	14.8

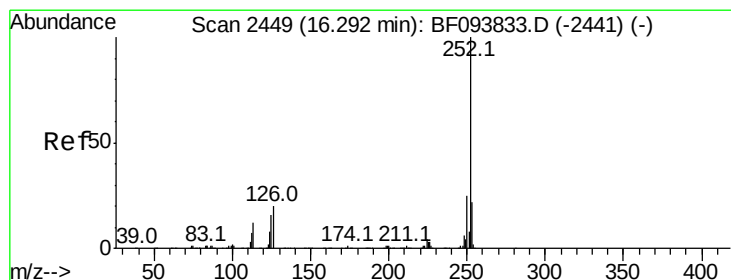
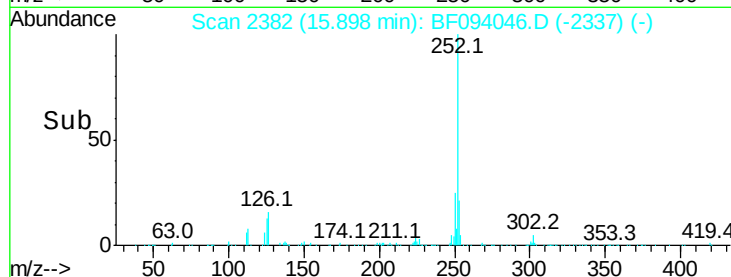
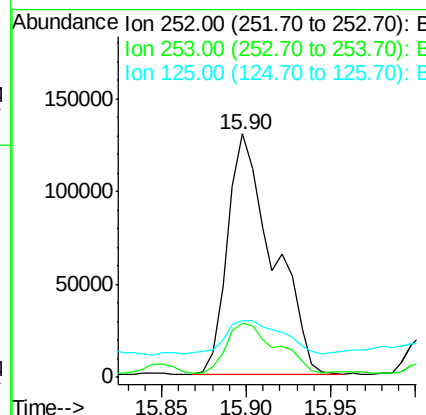
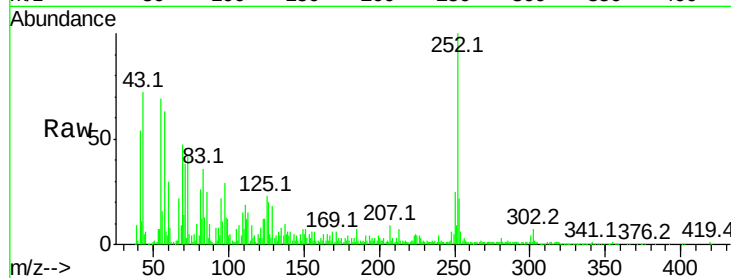




#88
Benzo(k)fluoranthene
Concen: 16.81 ng
RT: 15.90 min Scan# 2382
Delta R.T. -0.04 min
Lab File: BF094046.D
Acq: 30 Mar 2017 5:51

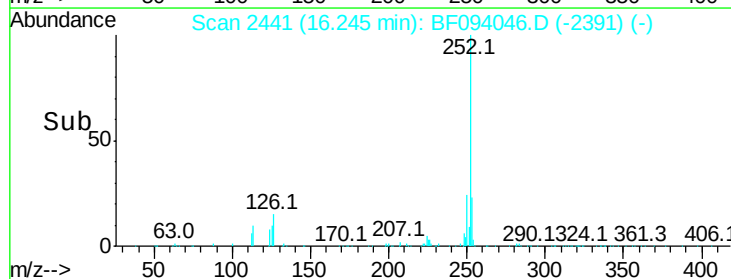
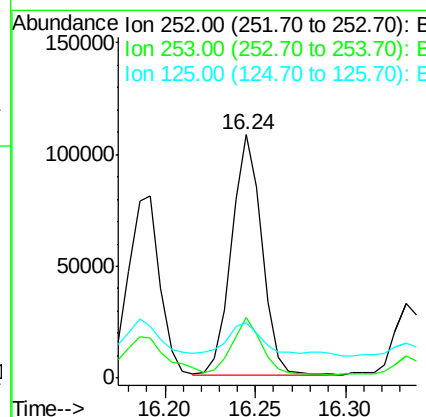
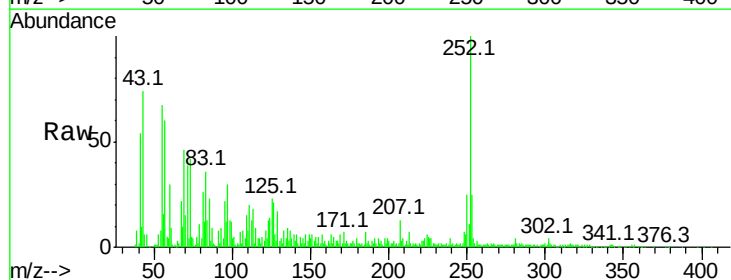
Instrument :
BNA_F
ClientSampleId :
E2-AA9-NSW

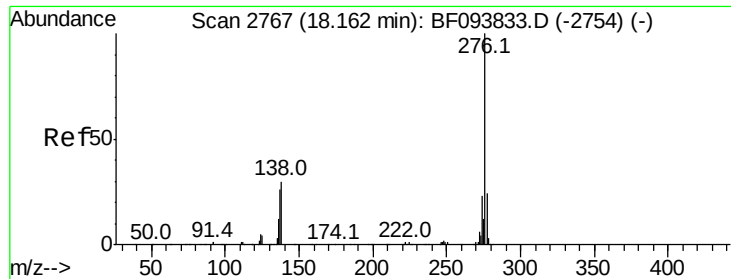
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	23.4	13.1	19.7



#89
Benzo(a)pyrene
Concen: 9.16 ng
RT: 16.24 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BF094046.D
Acq: 30 Mar 2017 5:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.5	26.3
125	22.6	11.0	16.4

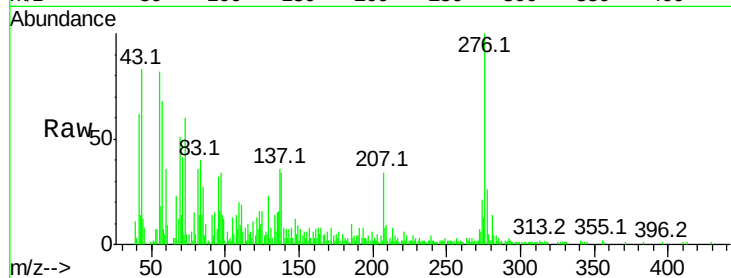




#91
 Benzo(a,h,i)perylene
 Concen: 6.34 ng
 RT: 18.07 min Scan# 2751
 Delta R.T. -0.03 min
 Lab File: BF094046.D
 Acq: 30 Mar 2017 5:51

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA9-NSW

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.4	18.6	28.0
138	33.8	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

