

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
 Data File : BF094037.D
 Acq On : 29 Mar 2017 23:51
 Operator : SJ/MA
 Sample : I2431-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-U11-SSW

Quant Time: Mar 30 01:13:01 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

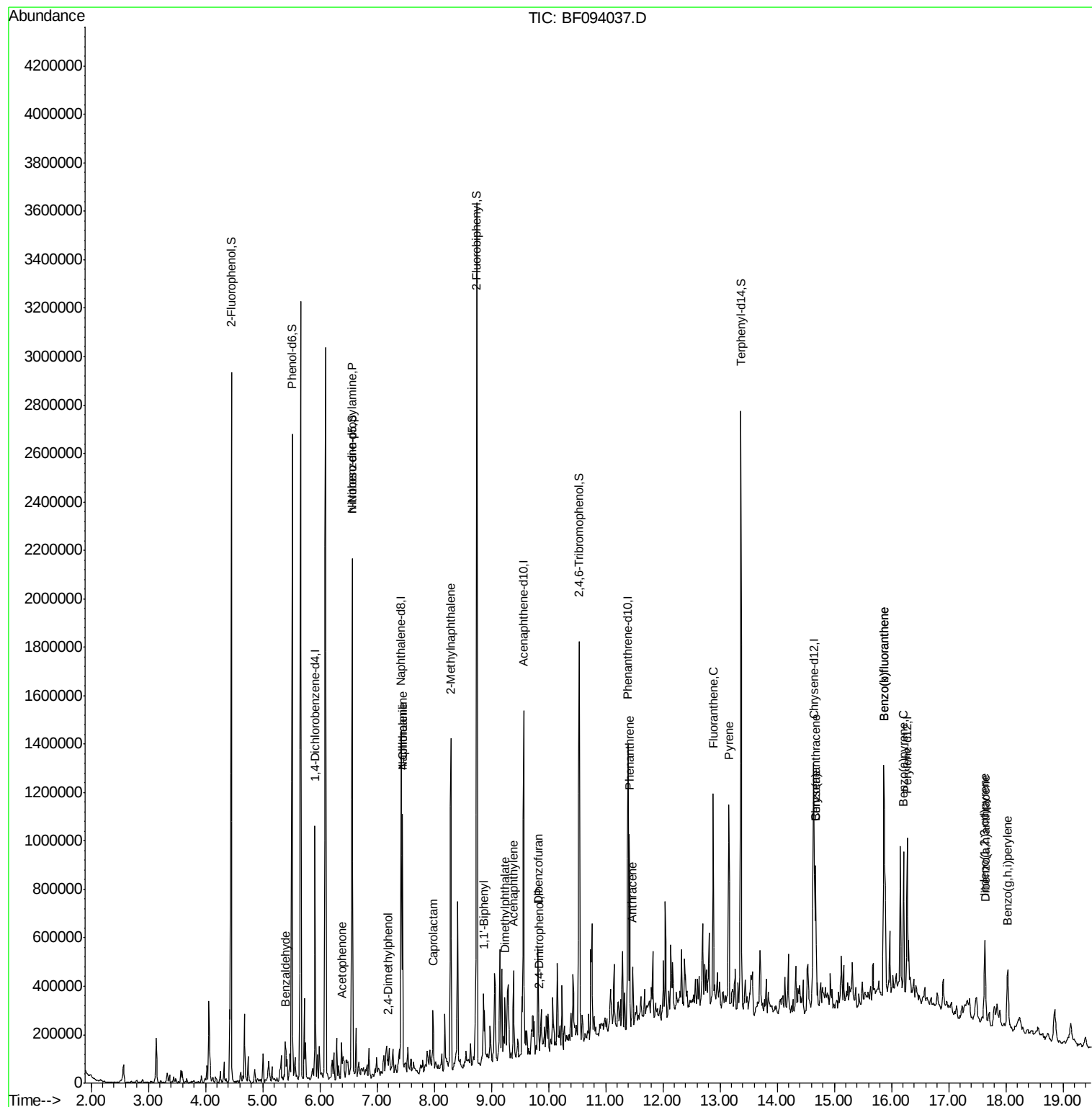
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	168607	20.00	ng	-0.04
21) Naphthalene-d8	7.42	136	667187	20.00	ng	-0.04
38) Acenaphthene-d10	9.56	164	286486	20.00	ng	-0.04
63) Phenanthrene-d10	11.39	188	485515	20.00	ng	-0.04
75) Chrysene-d12	14.64	240	321599	20.00	ng	-0.04
86) Perylene-d12	16.28	264	277469	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.45	112	843879	84.54	ng	-0.02
7) Phenol-d6	5.52	99	1132885	91.74	ng	-0.04
23) Nitrobenzene-d5	6.57	82	825063	70.57	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	213292	94.22	ng	-0.04
44) 2-Fluorobiphenyl	8.75	172	1375134	73.21	ng	-0.04
78) Terphenyl-d14	13.37	244	895338	62.40	ng	-0.04
Target Compounds						Qvalue
9) Benzaldehyde	5.41	77	18006	2.16	ng	96
19) n-Nitroso-di-n-propylamine	6.57	70	109135	13.75	ng	# 79
22) Acetophenone	6.38	105	34281	2.31	ng	# 69
27) 2,4-Dimethylphenol	7.19	122	20368	2.15	ng	96
31) Naphthalene	7.45	128	465645	14.51	ng	99
33) 4-Chloroaniline	7.45	127	62058	4.77	ng	# 34
35) Caprolactam	7.98	113	5837	2.07	ng	# 63
37) 2-Methylnaphthalene	8.29	142	397224	18.57	ng	98
45) 1,1'-Biphenyl	8.86	154	80983	3.50	ng	96
48) Acenaphthylene	9.39	152	134508	4.47	ng	98
49) Dimethylphthalate	9.24	163	101497	4.98	ng	99
53) 2,4-Dinitrophenol	9.84	184	109	4.70	ng	# 1
54) Dibenzofuran	9.82	168	147268	6.17	ng	96
70) Phenanthrene	11.42	178	311404	11.53	ng	98
71) Anthracene	11.48	178	100047	3.60	ng	98
74) Fluoranthene	12.88	202	391912	14.17	ng	99
77) Pyrene	13.16	202	356622	15.28	ng	98
80) Benzo(a)anthracene	14.67	228	299451	15.97	ng	95
82) Chrysene	14.67	228	299451	17.21	ng	96
85) Indeno(1,2,3-cd)pyrene	17.63	276	205330	13.62	ng	95
87) Benzo(b)fluoranthene	15.87	252	664914	39.09	ng	# 97
88) Benzo(k)fluoranthene	15.87	252	664914	39.96	ng	98
89) Benzo(a)pyrene	16.22	252	253899	16.21	ng	97
90) Dibenzo(a,h)anthracene	17.64	278	53642	4.04	ng	# 87
91) Benzo(g,h,i)perylene	18.03	276	179954	13.46	ng	100

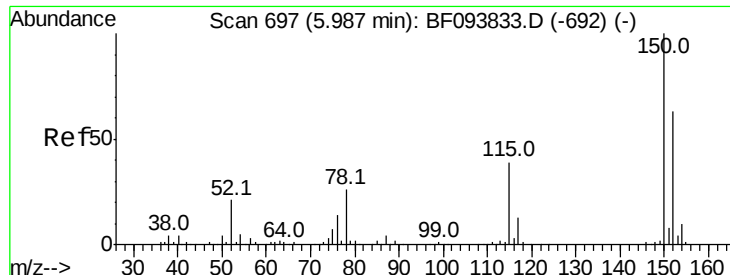
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.92 min Scan# 685

Delta R.T. -0.04 min

Lab File: BF094037.D

Acq: 29 Mar 2017 23:51

Instrument :

BNA_F

ClientSampleId :

E2-U11-SSW

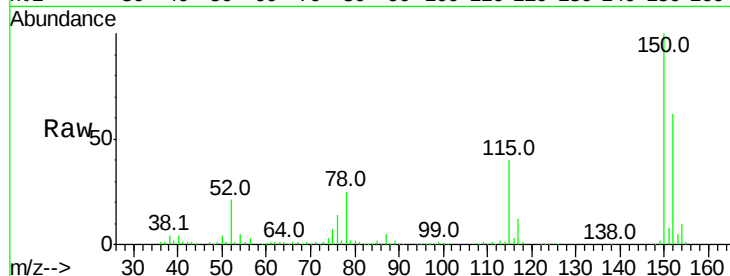
Tot Ion:152 Resp: 168607

Ion Ratio Lower Upper

152 100

150 160.7 126.2 189.2

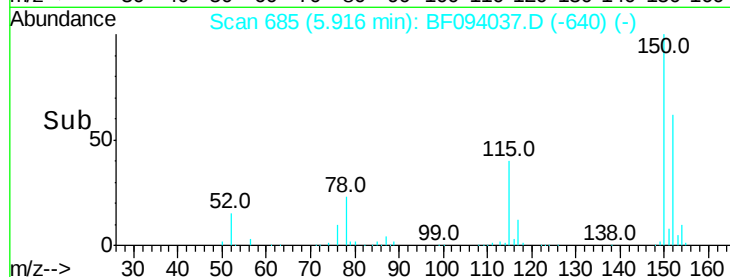
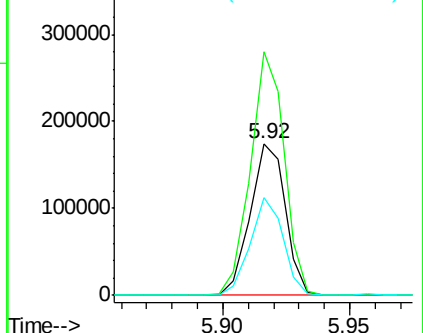
115 64.2 52.2 78.2



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: 84.54 ng

RT: 4.45 min Scan# 436

Delta R.T. -0.02 min

Lab File: BF094037.D

Acq: 29 Mar 2017 23:51

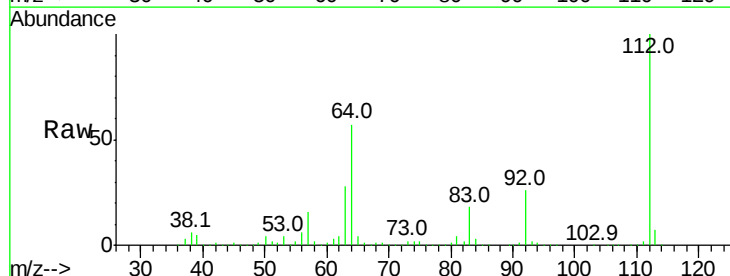
Tgt Ion:112 Resp: 843879

Ion Ratio Lower Upper

112 100

64 56.8 46.0 69.0

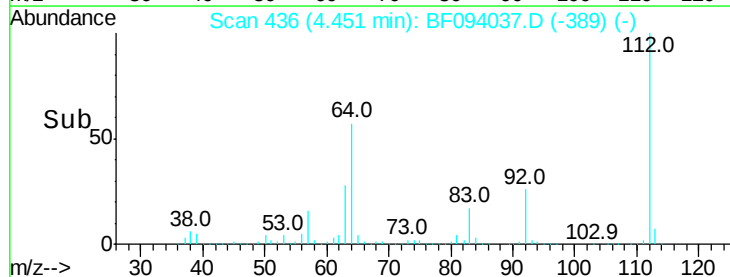
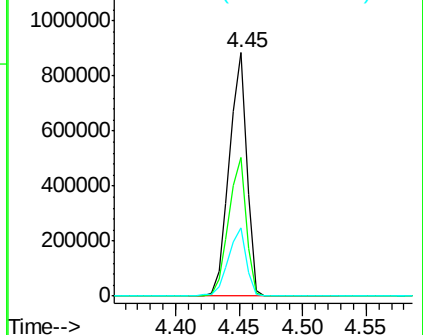
63 27.9 23.4 35.0

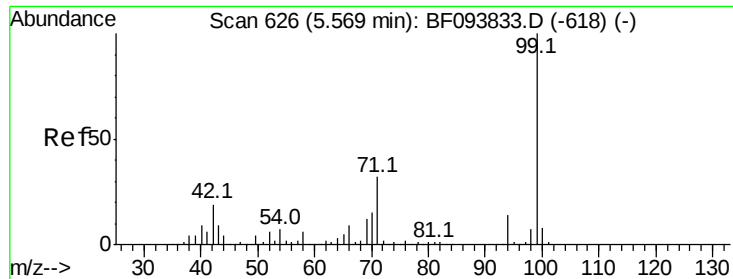


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 91.74 ng

RT: 5.52 min Scan# 617

Delta R.T. -0.04 min

Lab File: BF094037.D

Acq: 29 Mar 2017 23:51

Instrument :

BNA_F

ClientSampled :

E2-U11-SSW

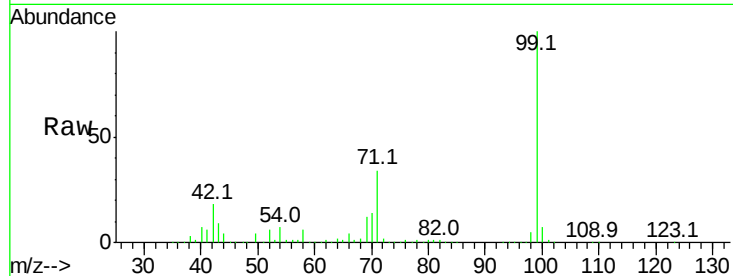
Tot Ion: 99 Resp: 1132885

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

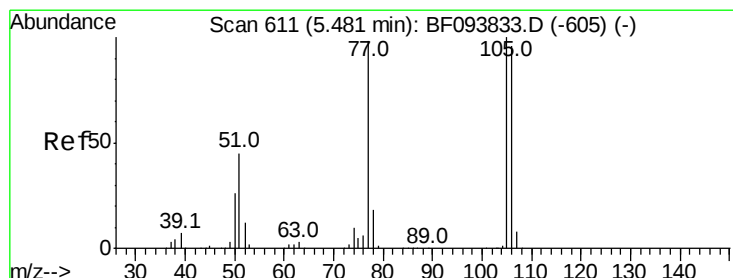
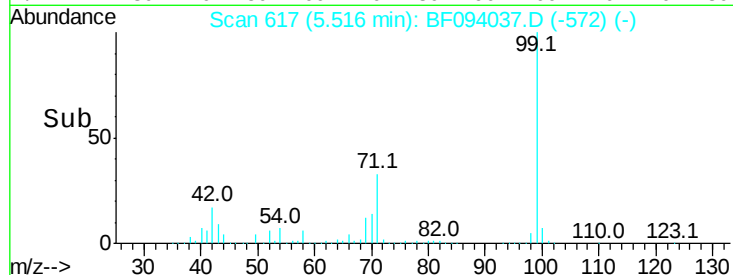
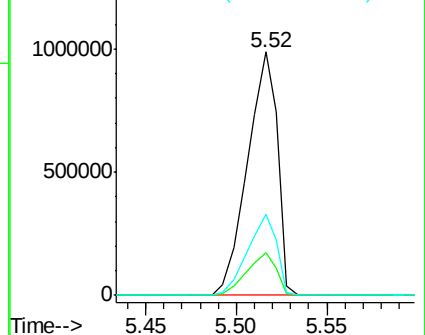
71 33.5 24.5 36.7



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: 2.16 ng

RT: 5.41 min Scan# 599

Delta R.T. -0.04 min

Lab File: BF094037.D

Acq: 29 Mar 2017 23:51

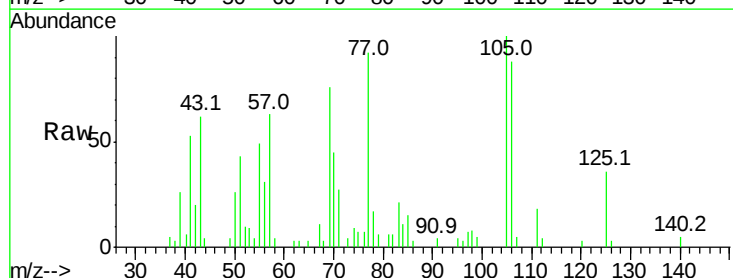
Tgt Ion: 77 Resp: 18006

Ion Ratio Lower Upper

77 100

105 109.3 83.8 123.8

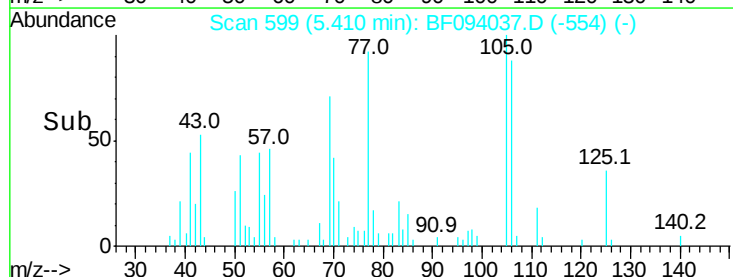
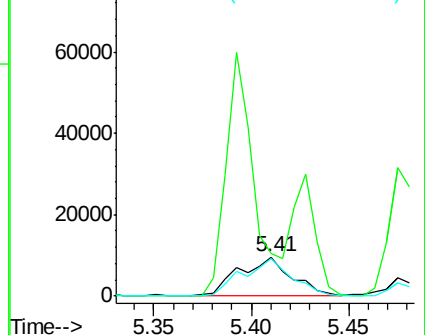
106 95.8 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 13.75 ng

RT: 6.57 min Scan# 796

Delta R.T. 0.13 min

Lab File: BF094037.D

Acq: 29 Mar 2017 23:51

Instrument :

BNA_F

ClientSampleId :

E2-U11-SSW

Tot Ion: 70 Resp: 109135

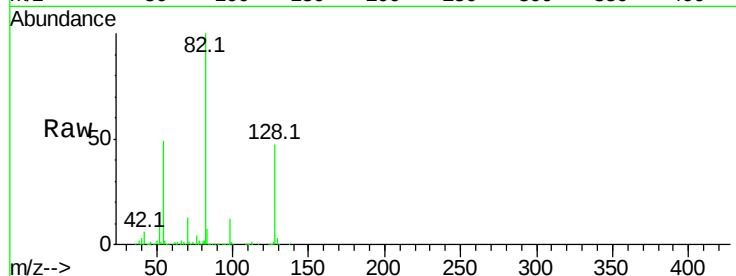
Ion Ratio Lower Upper

70 100

42 48.5 47.2 70.8

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

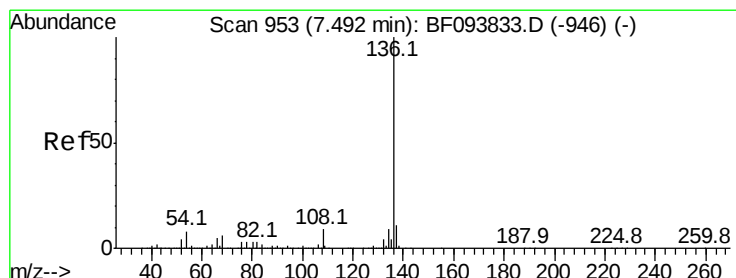
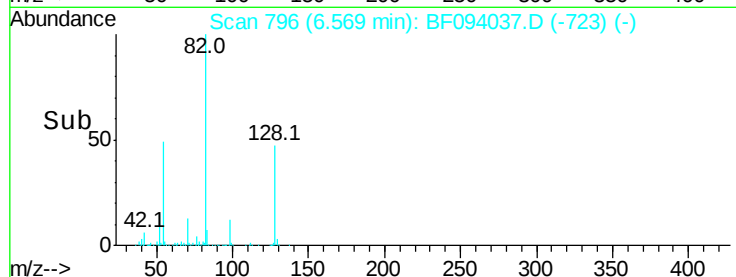
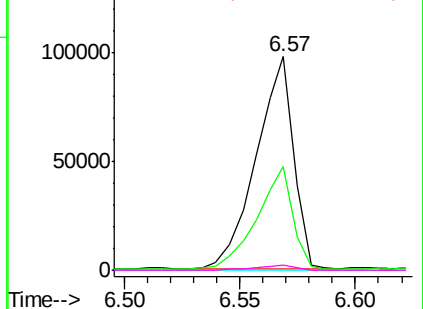


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.42 min Scan# 941

Delta R.T. -0.04 min

Lab File: BF094037.D

Acq: 29 Mar 2017 23:51

Tgt Ion: 136 Resp: 667187

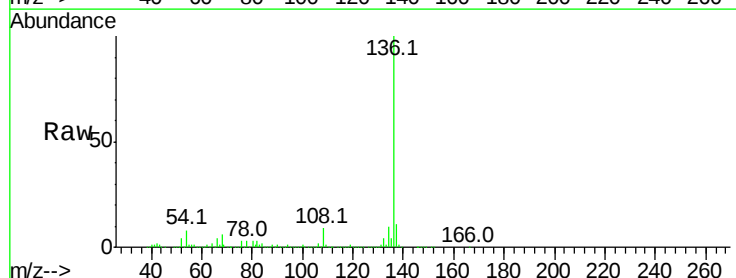
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.6 4.9 7.3#

68 6.1 4.1 6.1

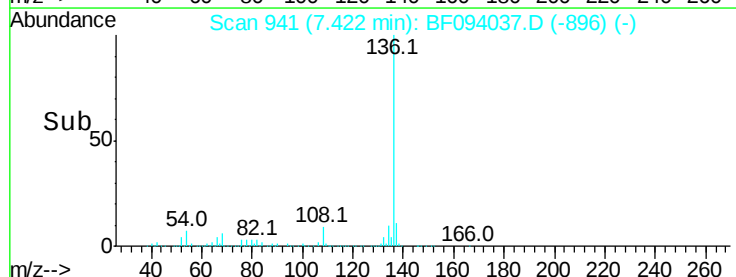
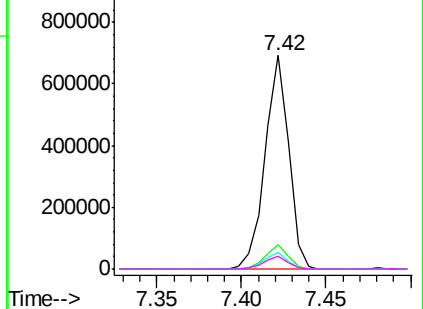


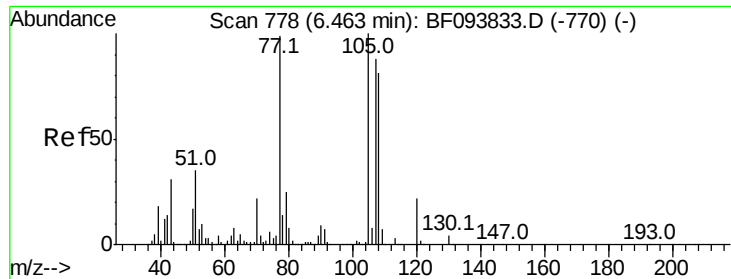
Abundance Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 2.31 ng

RT: 6.38 min Scan# 764

Delta R.T. -0.05 min

Lab File: BF094037.D

Acq: 29 Mar 2017 23:51

Instrument :

BNA_F

ClientSampleId :

E2-U11-SSW

Tot Ion:105 Resp: 34281

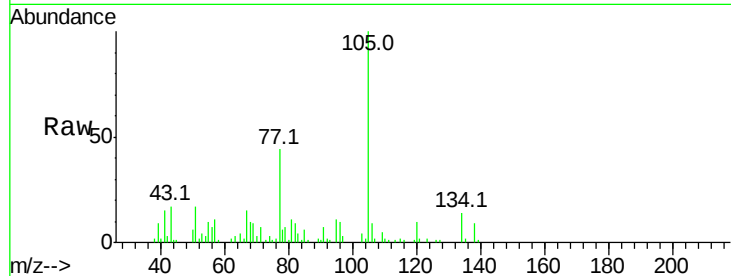
Ion Ratio Lower Upper

105 100

71 7.0 2.8 4.2#

51 16.6 30.7 46.1#

120 10.2 17.4 26.0#

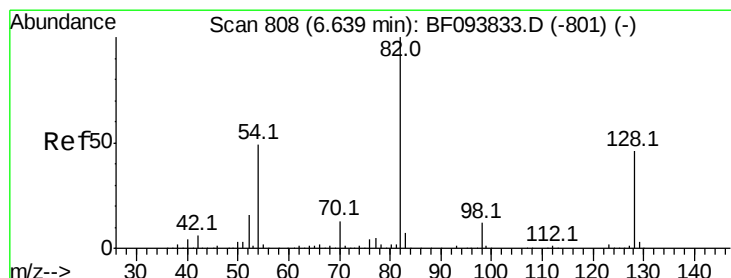
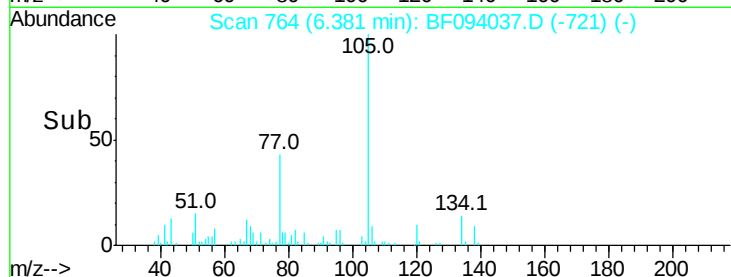
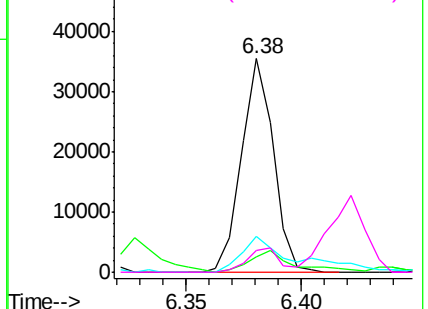


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 70.57 ng

RT: 6.57 min Scan# 796

Delta R.T. -0.04 min

Lab File: BF094037.D

Acq: 29 Mar 2017 23:51

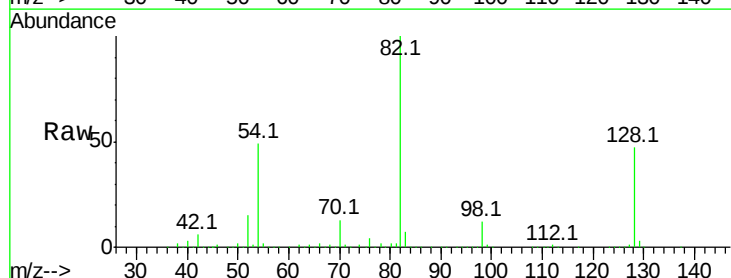
Tgt Ion: 82 Resp: 825063

Ion Ratio Lower Upper

82 100

128 46.8 34.0 51.0

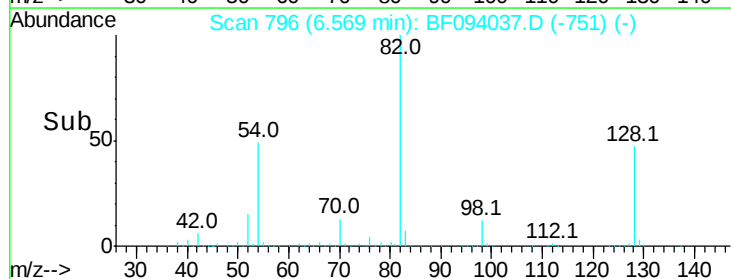
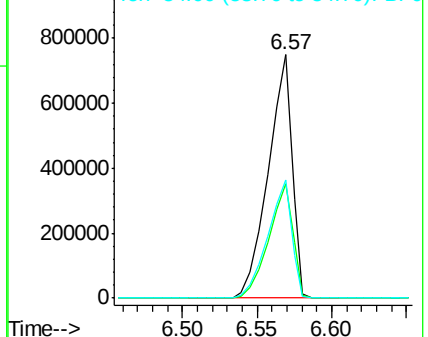
54 48.7 42.2 63.2

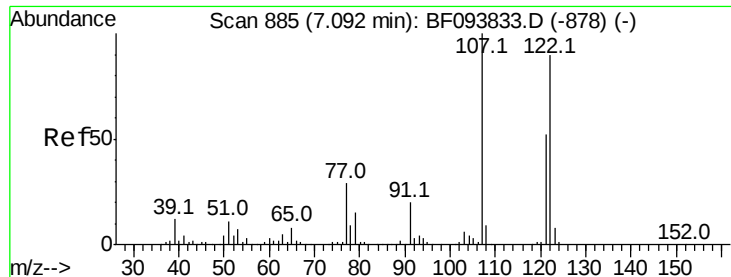


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#27

2,4-Dimethylphenol

Concen: 2.15 ng

RT: 7.19 min Scan# 901

Delta R.T. 0.12 min

Lab File: BF094037.D

Acq: 29 Mar 2017 23:51

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ClientSampleId :

E2-U11-SSW

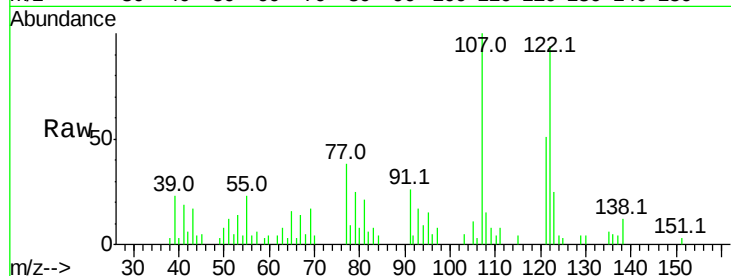
Tot Ion:122 Resp: 20368

Ion Ratio Lower Upper

122 100

107 106.8 89.2 133.8

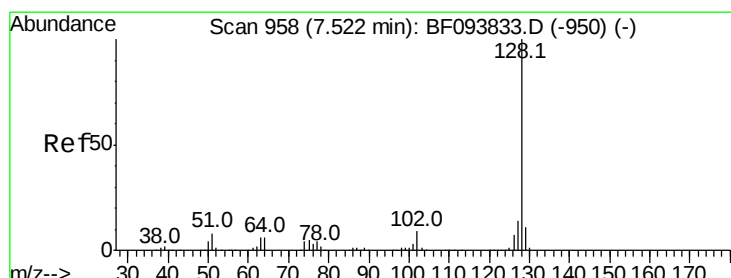
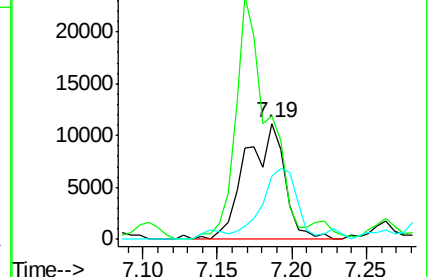
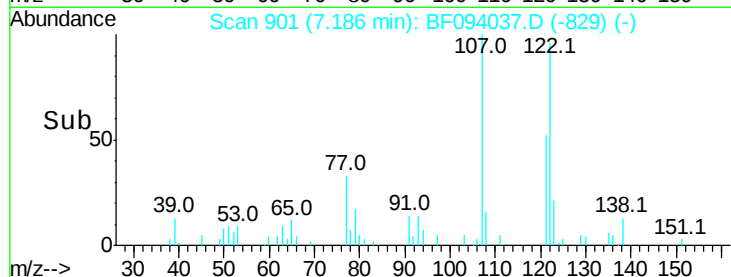
121 54.2 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#31

Naphthalene

Concen: 14.51 ng

RT: 7.45 min Scan# 945

Delta R.T. -0.04 min

Lab File: BF094037.D

Acq: 29 Mar 2017 23:51

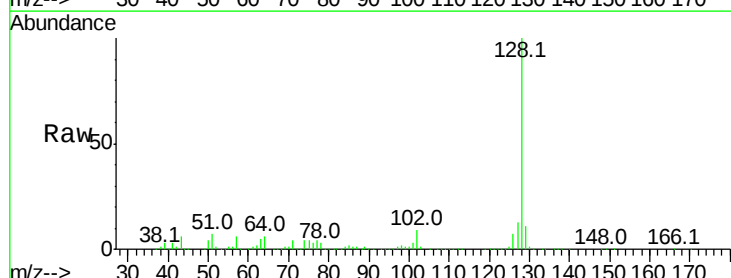
Tgt Ion:128 Resp: 465645

Ion Ratio Lower Upper

128 100

129 10.5 9.0 13.6

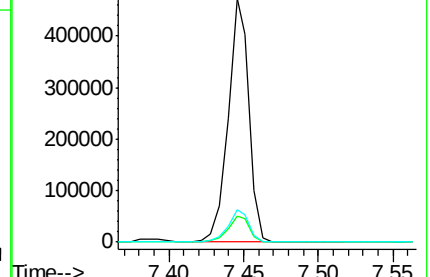
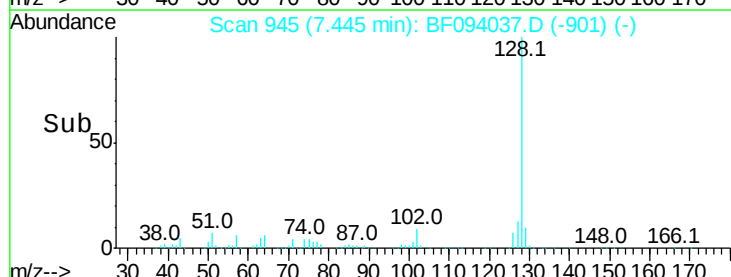
127 13.1 10.8 16.2

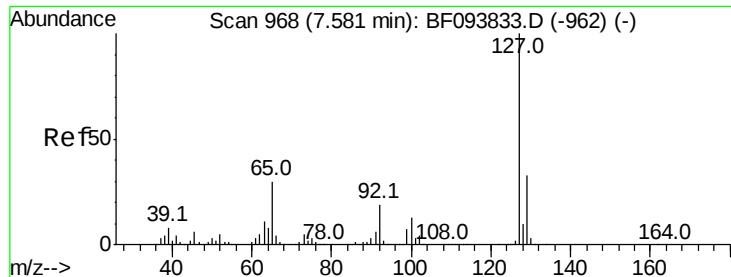


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

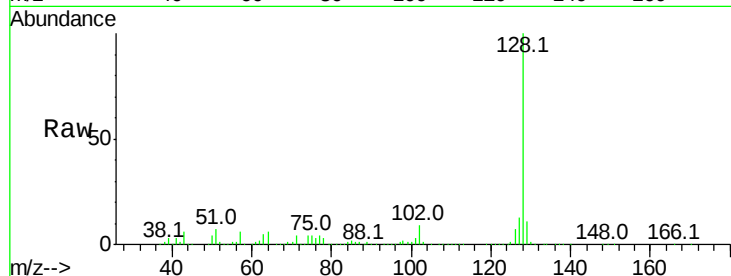




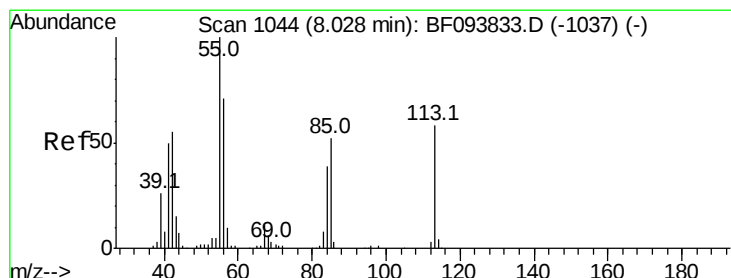
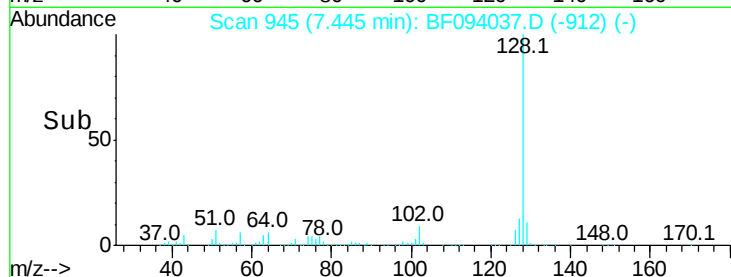
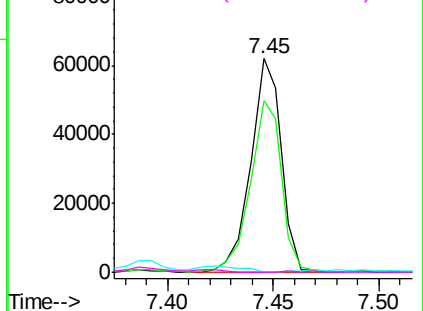
#33
4-Chloroaniline
Concen: 4.77 ng
RT: 7.45 min Scan# 945
Delta R.T. -0.11 min
Lab File: BF094037.D
Acq: 29 Mar 2017 23:51

Instrument :
BNA_F
ClientSampleId :
E2-U11-SSW

Tot Ion:	127	Resp:	62058
Ion	Ratio	Lower	Upper
127	100		
129	80.4	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

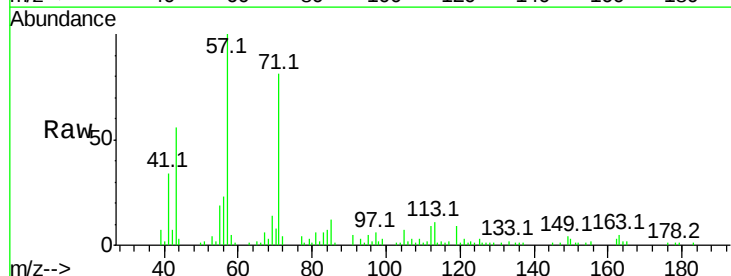


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

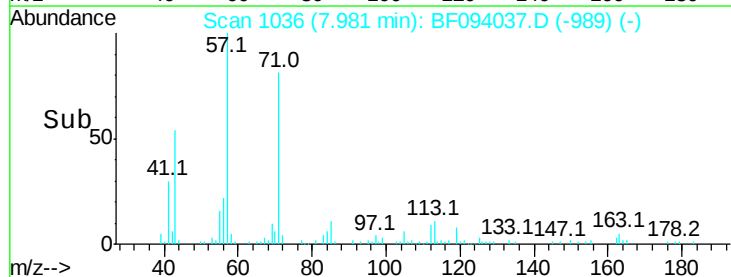
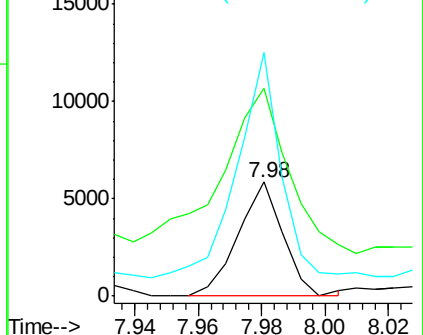


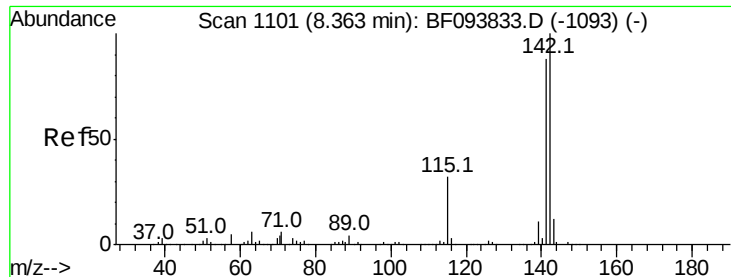
#35
Caprolactam
Concen: 2.07 ng
RT: 7.98 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF094037.D
Acq: 29 Mar 2017 23:51

Tgt Ion:	113	Resp:	5837
Ion	Ratio	Lower	Upper
113	100		
55	181.6	150.2	190.2
56	213.2	107.8	147.8#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





#37

2-Methylnaphthalene

Concen: 18.57 ng

RT: 8.29 min Scan# 1089

Delta R.T. -0.04 min

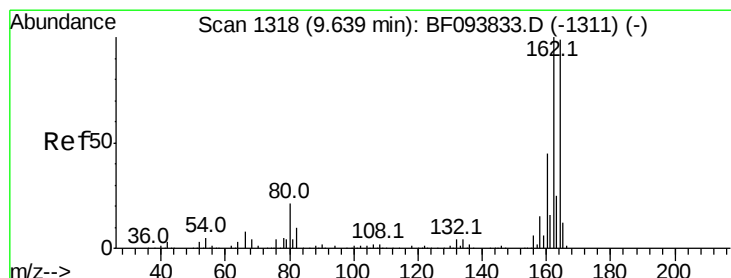
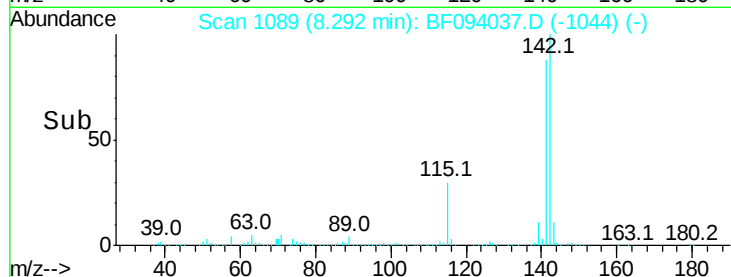
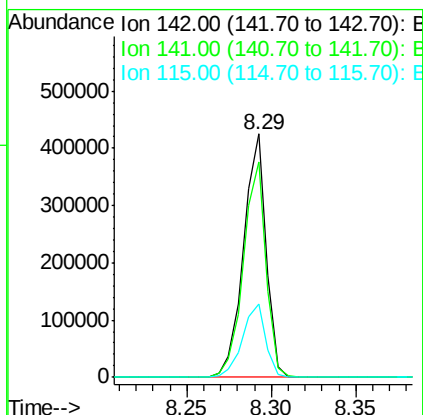
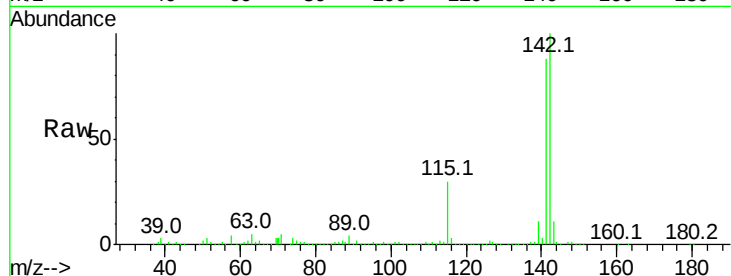
Lab File: BF094037.D

Acq: 29 Mar 2017 23:51

Instrument :
BNA_F
ClientSampleId :
E2-U11-SSW

Tot Ion:142 Resp: 397224

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.3	106.9
115	30.4	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.56 min Scan# 1305

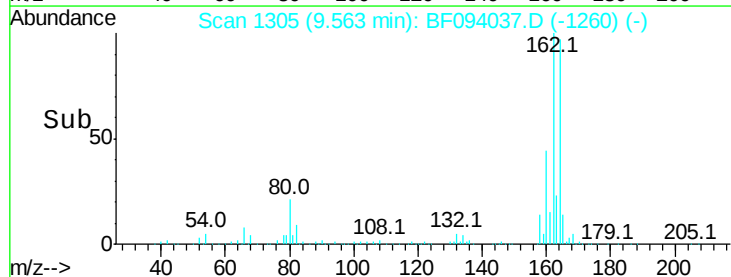
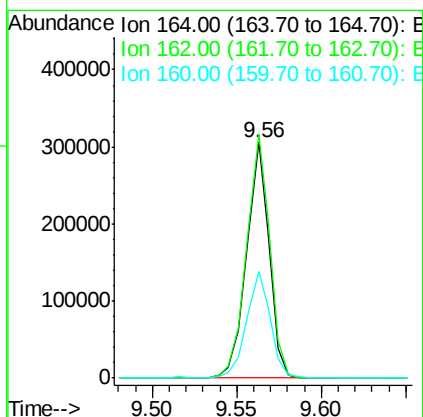
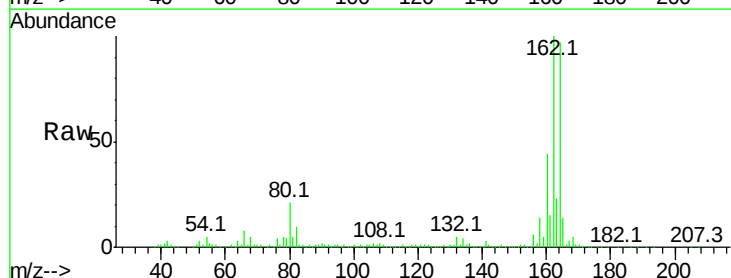
Delta R.T. -0.04 min

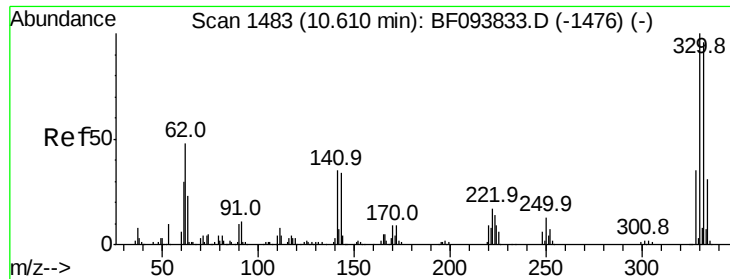
Lab File: BF094037.D

Acq: 29 Mar 2017 23:51

Tgt Ion:164 Resp: 286486

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.6	123.8
160	45.6	36.2	54.2

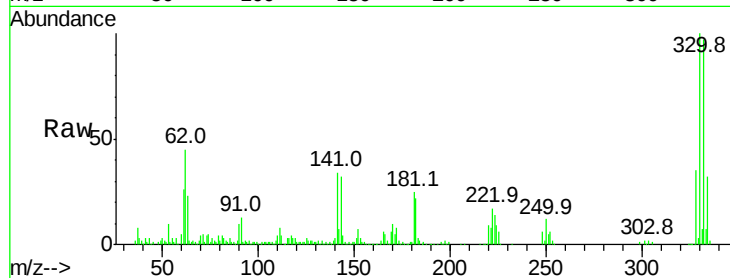




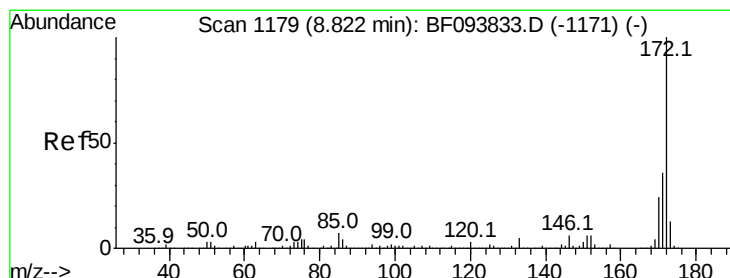
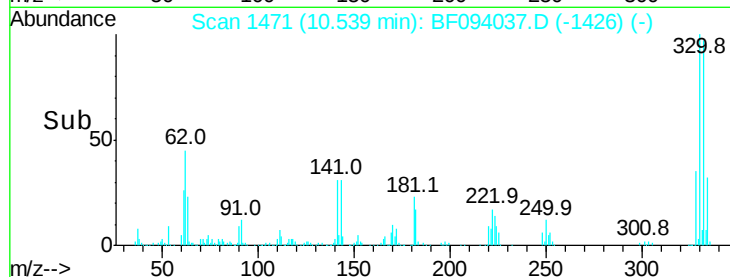
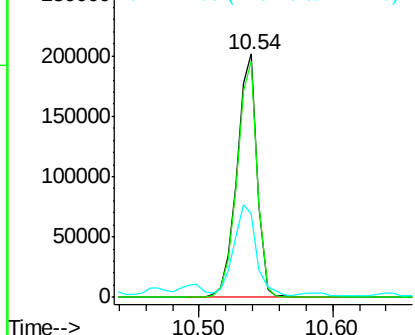
#41
 2,4,6-Tribromophenol
 Concen: 94.22 ng
 RT: 10.54 min Scan# 1471
 Delta R.T. -0.04 min
 Lab File: BF094037.D
 Acq: 29 Mar 2017 23:51

Instrument :
 BNA_F
 ClientSampled :
 E2-U11-SSW

Tot Ion:330 Resp: 213292
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 41.7 31.4 47.2

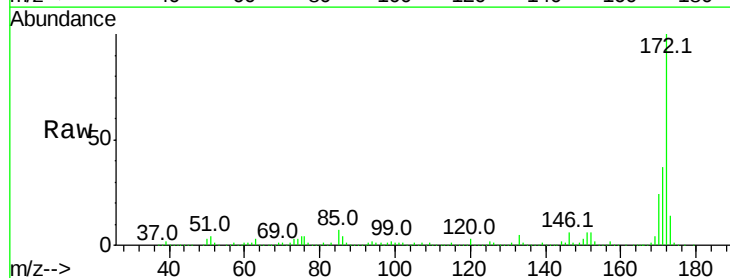


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

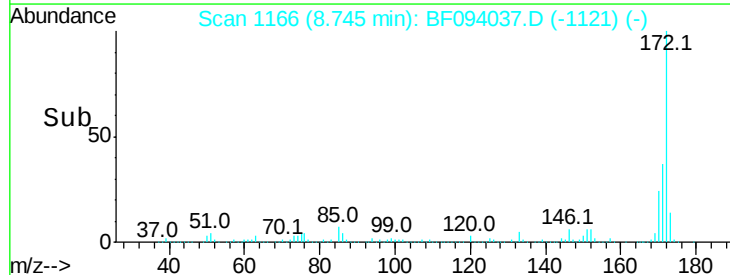
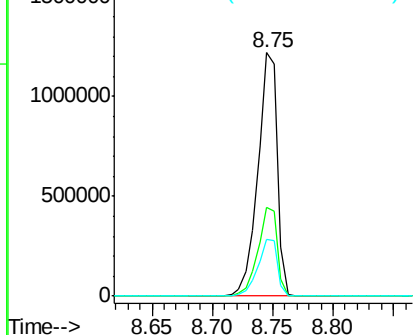


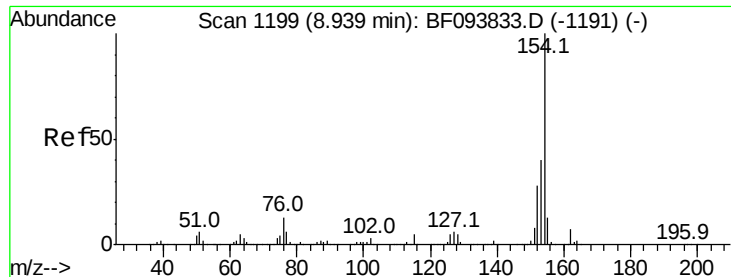
#44
 2-Fluorobiphenyl
 Concen: 73.21 ng
 RT: 8.75 min Scan# 1166
 Delta R.T. -0.04 min
 Lab File: BF094037.D
 Acq: 29 Mar 2017 23:51

Tgt Ion:172 Resp: 1375134
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 23.6 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

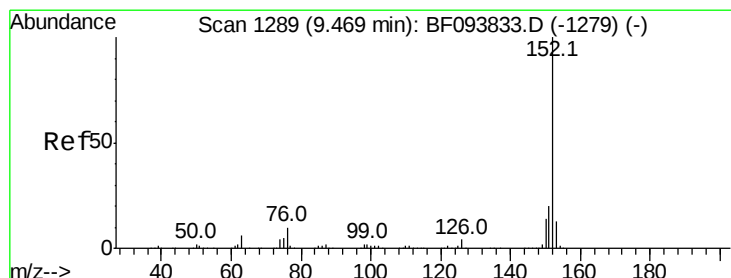
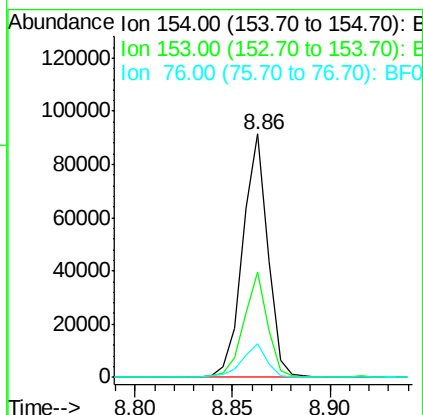
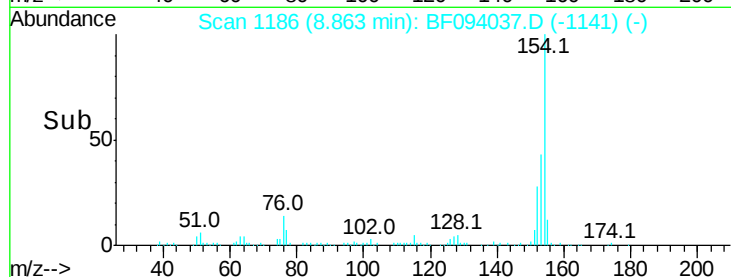
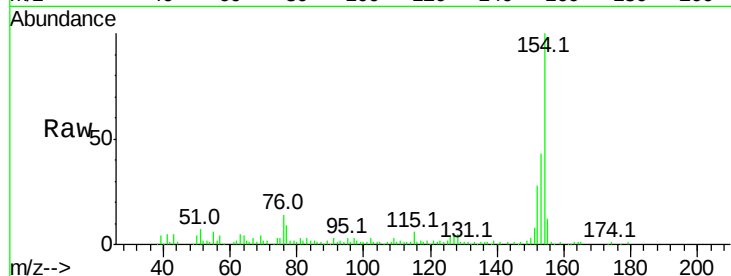




#45
1,1'-Biphenyl
Concen: 3.50 ng
RT: 8.86 min Scan# 1186
Delta R.T. -0.04 min
Lab File: BF094037.D
Acq: 29 Mar 2017 23:51

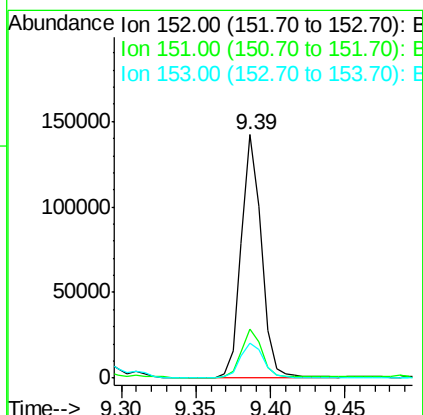
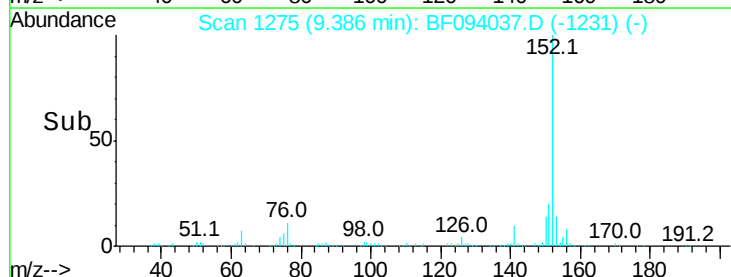
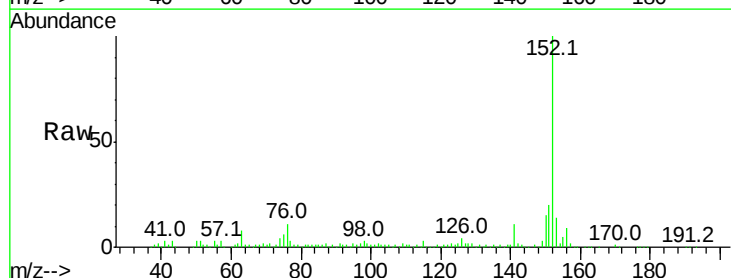
Instrument :
BNA_F
ClientSampleId :
E2-U11-SSW

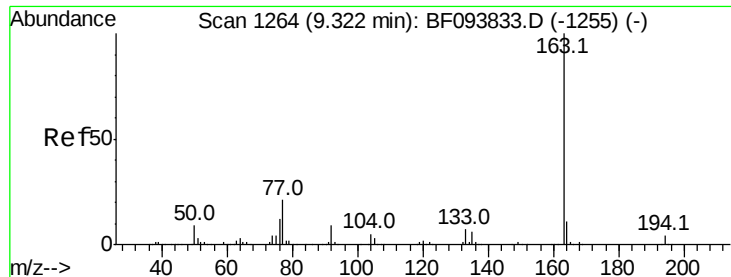
Tot Ion:154 Resp: 80983
Ion Ratio Lower Upper
154 100
153 43.1 21.2 61.2
76 13.6 0.0 29.9



#48
Acenaphthylene
Concen: 4.47 ng
RT: 9.39 min Scan# 1275
Delta R.T. -0.04 min
Lab File: BF094037.D
Acq: 29 Mar 2017 23:51

Tgt Ion:152 Resp: 134508
Ion Ratio Lower Upper
152 100
151 20.1 16.8 25.2
153 14.3 10.8 16.2





#49

Dimethylphthalate

Concen: 4.98 ng

RT: 9.24 min Scan# 1250

Delta R.T. -0.05 min

Lab File: BF094037.D

Acq: 29 Mar 2017 23:51

Instrument :

BNA_F

ClientSampleId :

E2-U11-SSW

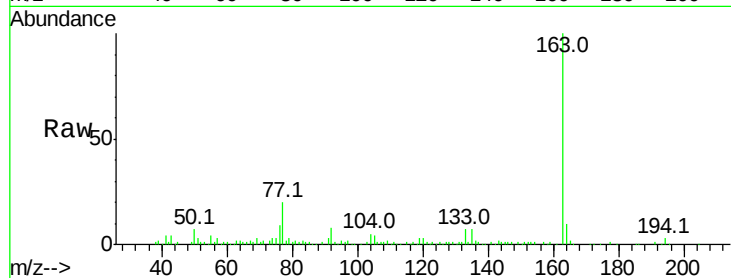
Tot Ion:163 Resp: 101497

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

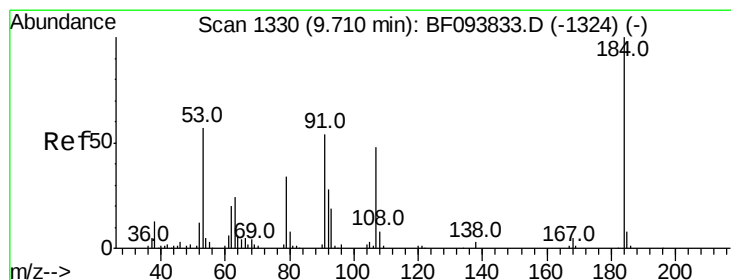
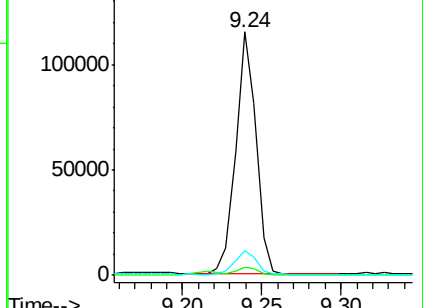
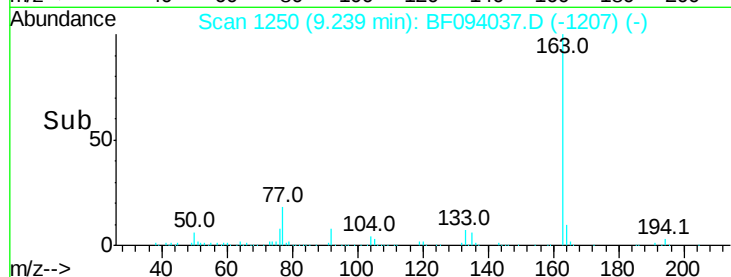
164 10.2 8.4 12.6



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



#53

2,4-Dinitrophenol

Concen: 4.70 ng

RT: 9.84 min Scan# 1352

Delta R.T. 0.16 min

Lab File: BF094037.D

Acq: 29 Mar 2017 23:51

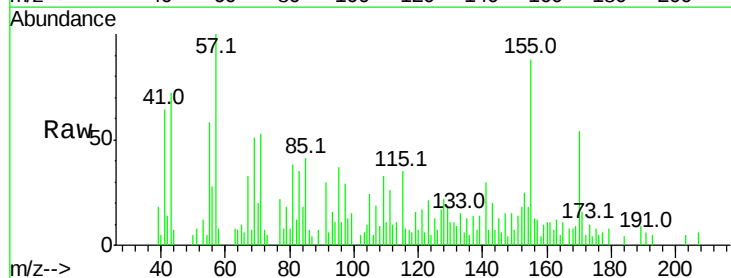
Tgt Ion:184 Resp: 109

Ion Ratio Lower Upper

184 100

63 186.7 62.7 94.1#

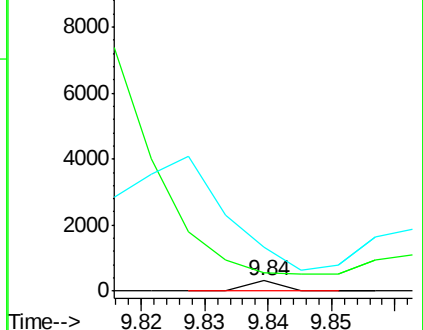
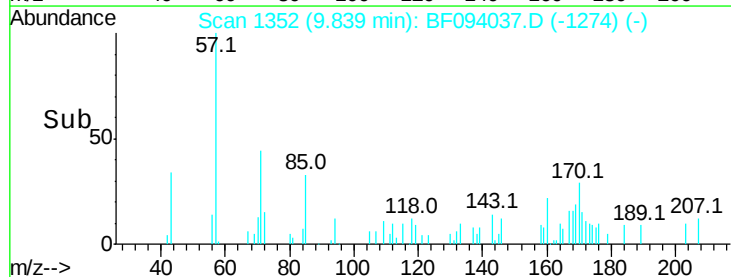
154 426.9 81.1 121.7#

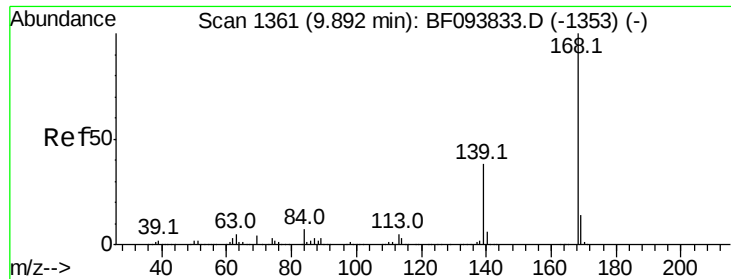


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

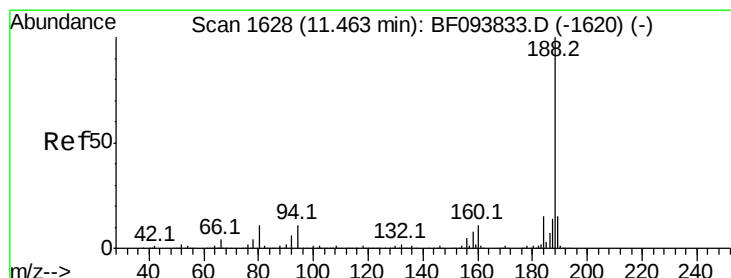
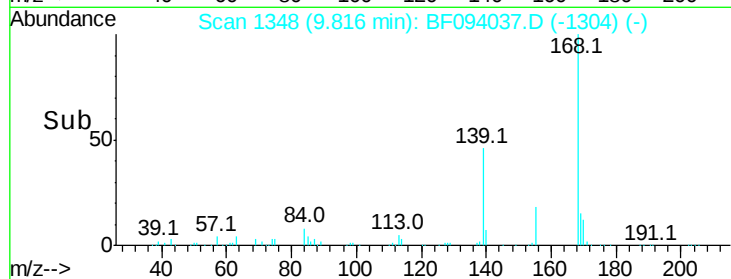
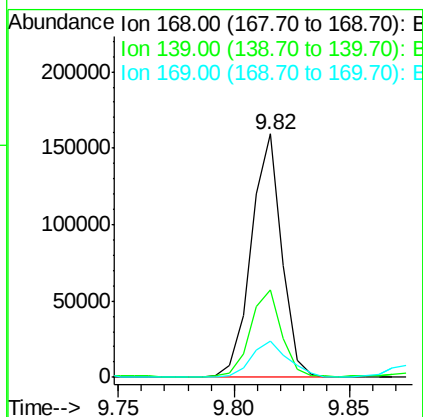
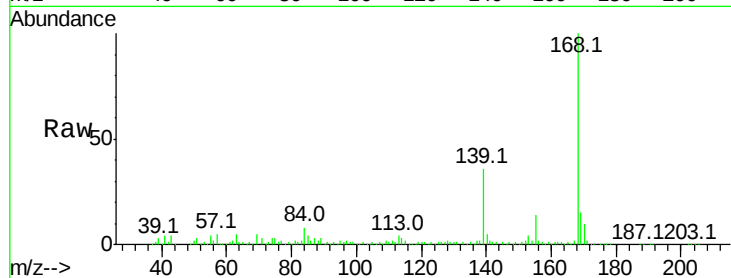




#54
Dibenzofuran
Concen: 6.17 ng
RT: 9.82 min Scan# 1348
Delta R.T. -0.04 min
Lab File: BF094037.D
Acq: 29 Mar 2017 23:51

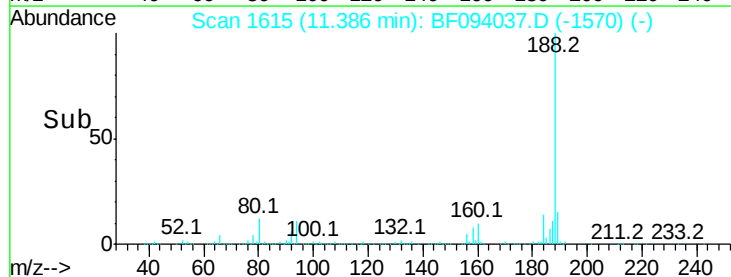
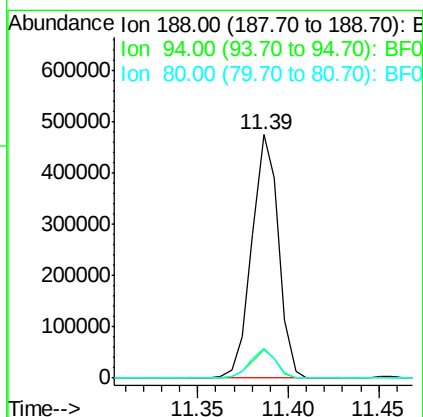
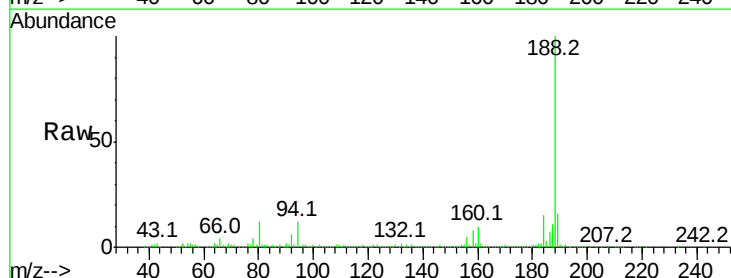
Instrument :
BNA_F
ClientSampleId :
E2-U11-SSW

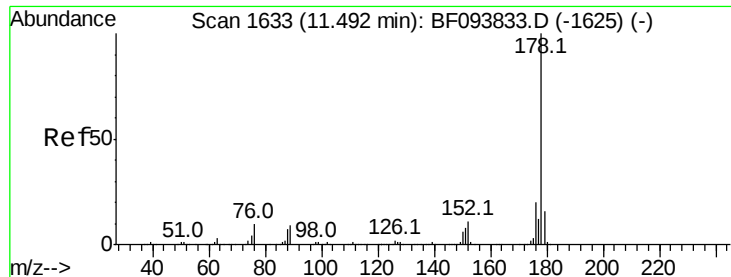
Tot Ion:168 Resp: 147268
Ion Ratio Lower Upper
168 100
139 36.0 30.6 45.8
169 14.8 10.8 16.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1615
Delta R.T. -0.04 min
Lab File: BF094037.D
Acq: 29 Mar 2017 23:51

Tgt Ion:188 Resp: 485515
Ion Ratio Lower Upper
188 100
94 11.5 9.4 14.2
80 12.1 10.2 15.2





#70

Phenanthrene

Concen: 11.53 ng

RT: 11.42 min Scan# 1620

Delta R.T. -0.04 min

Lab File: BF094037.D

Acq: 29 Mar 2017 23:51

Instrument :

BNA_F

ClientSampleId :

E2-U11-SSW

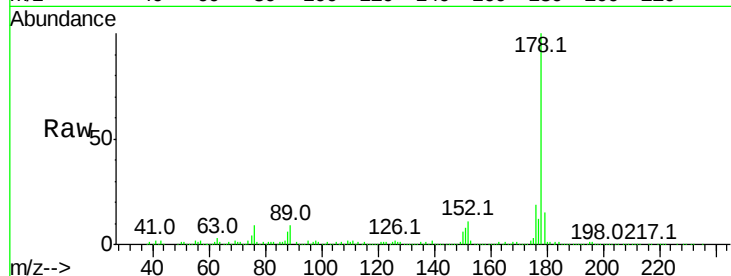
Tot Ion:178 Resp: 311404

Ion Ratio Lower Upper

178 100

176 19.3 16.2 24.4

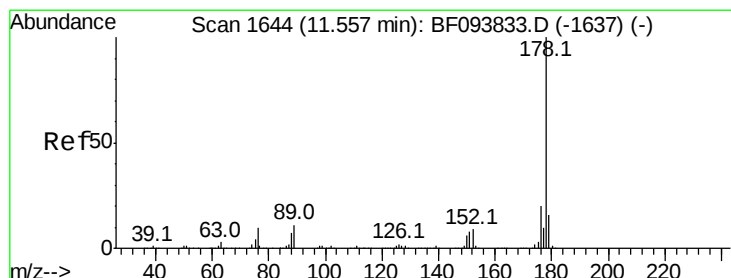
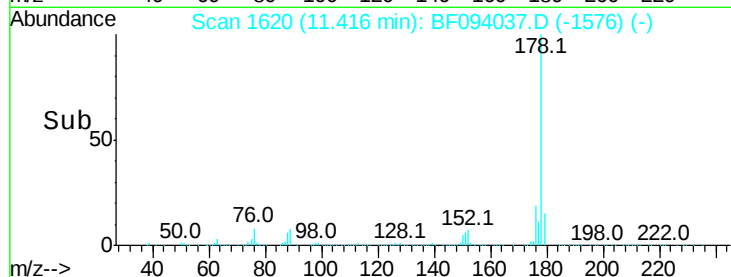
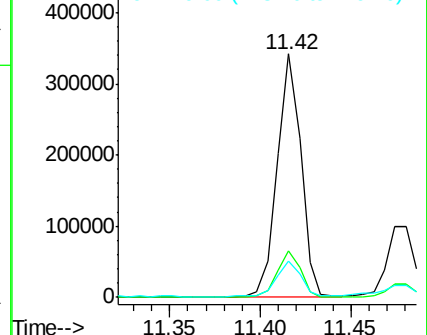
179 15.0 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 3.60 ng

RT: 11.48 min Scan# 1631

Delta R.T. -0.04 min

Lab File: BF094037.D

Acq: 29 Mar 2017 23:51

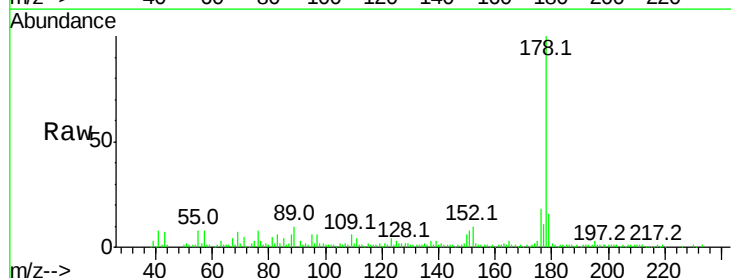
Tgt Ion:178 Resp: 100047

Ion Ratio Lower Upper

178 100

176 18.3 15.8 23.8

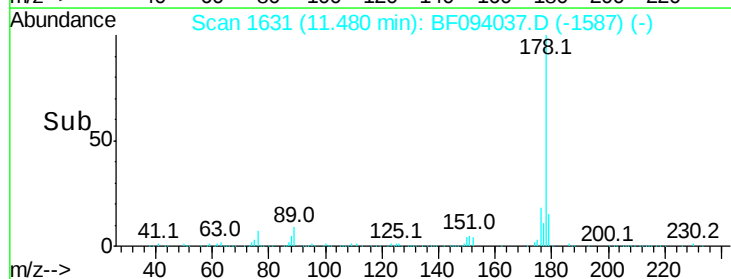
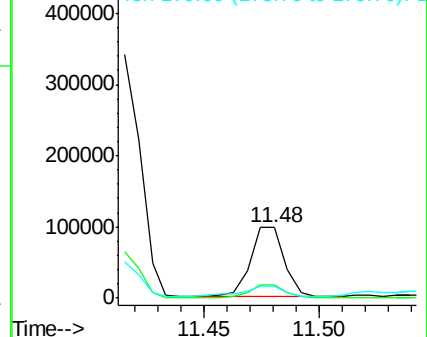
179 16.5 12.7 19.1

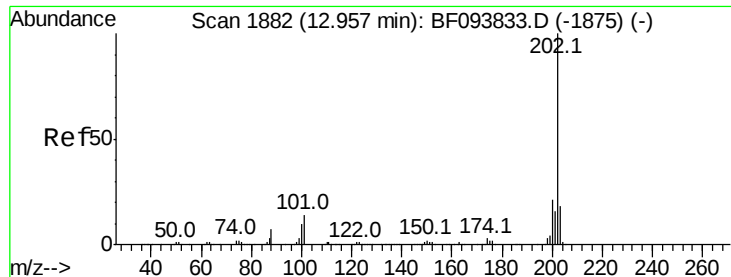


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 14.17 ng

RT: 12.88 min Scan# 1869

Delta R.T. -0.04 min

Lab File: BF094037.D

Acq: 29 Mar 2017 23:51

Instrument :

BNA_F

ClientSampleId :

E2-U11-SSW

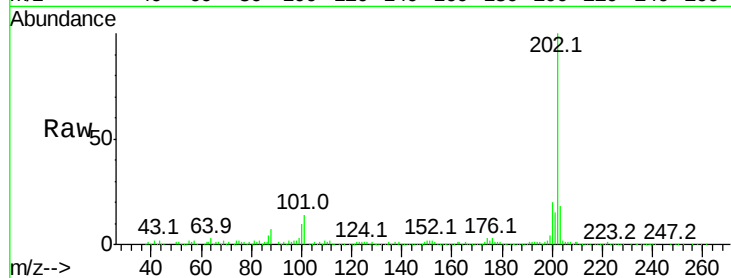
Tot Ion:202 Resp: 391912

Ion Ratio Lower Upper

202 100

101 13.9 0.0 33.2

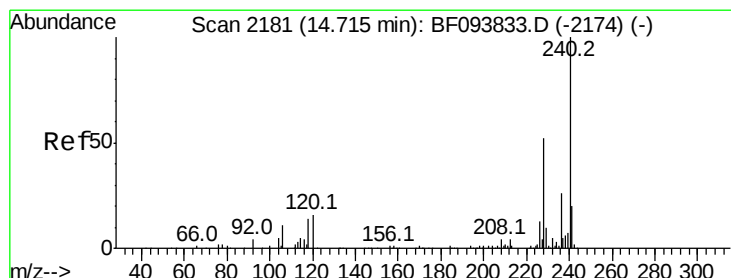
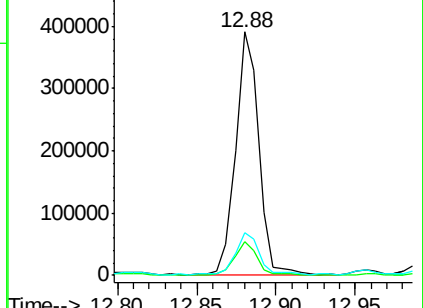
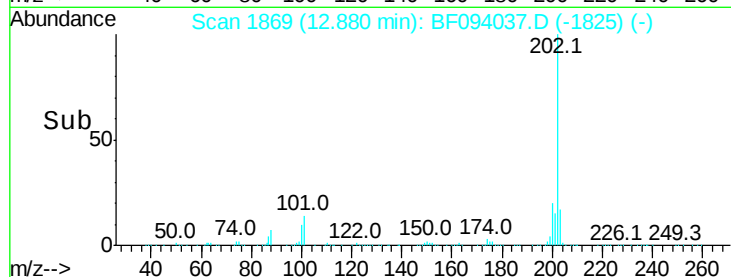
203 17.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.64 min Scan# 2168

Delta R.T. -0.04 min

Lab File: BF094037.D

Acq: 29 Mar 2017 23:51

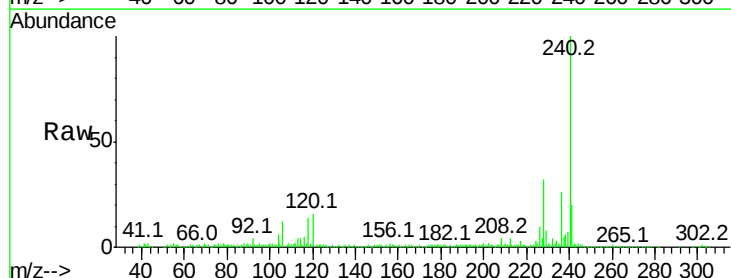
Tgt Ion:240 Resp: 321599

Ion Ratio Lower Upper

240 100

120 15.7 5.8 8.8#

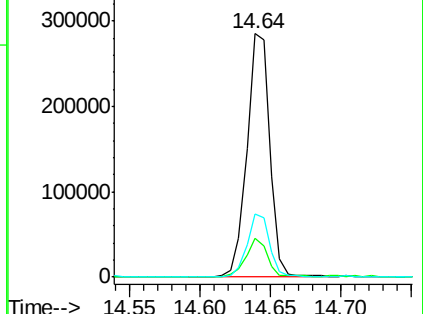
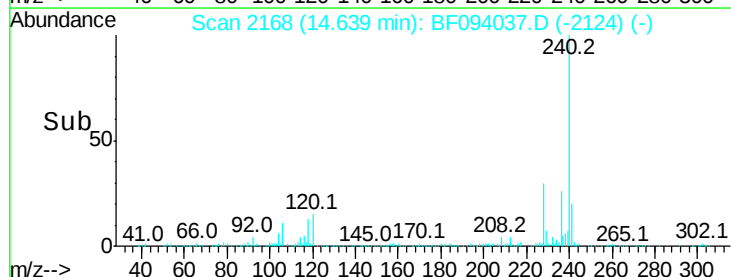
236 26.1 20.5 30.7

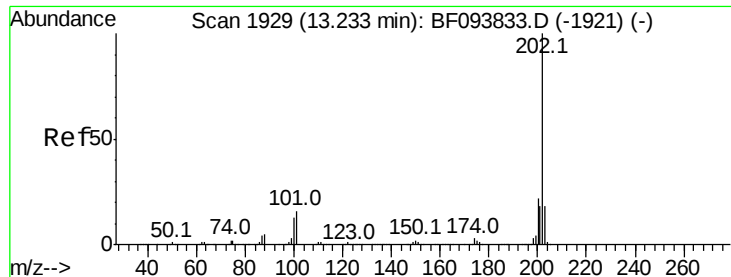


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

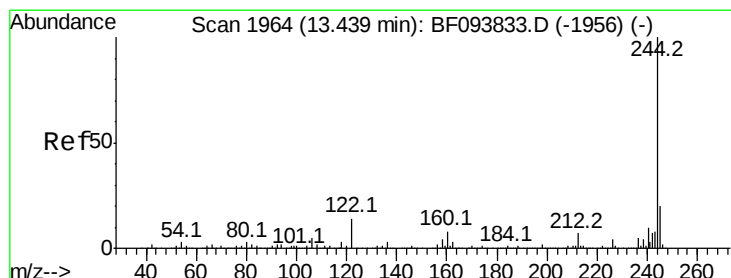
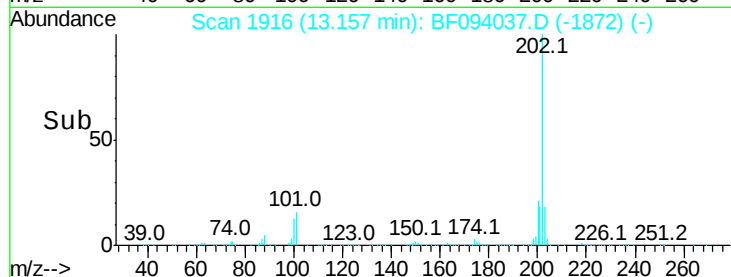
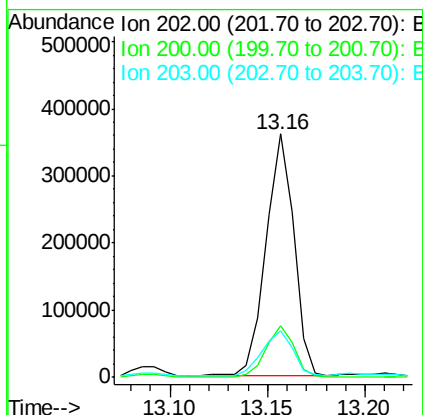
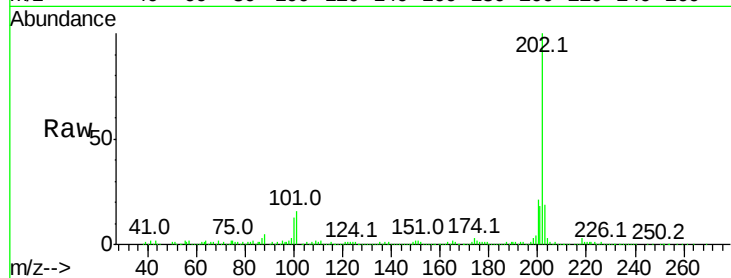




#77
Pvrene
Concen: 15.28 ng
RT: 13.16 min Scan# 1916
Delta R.T. -0.04 min
Lab File: BF094037.D
Acq: 29 Mar 2017 23:51

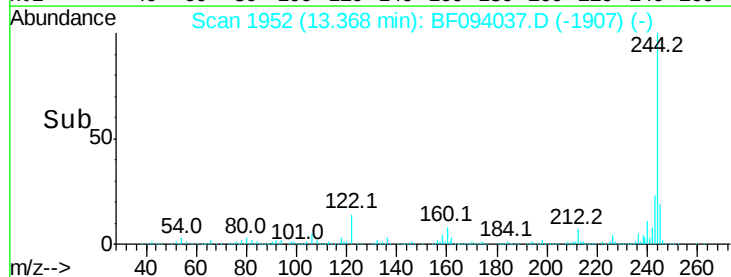
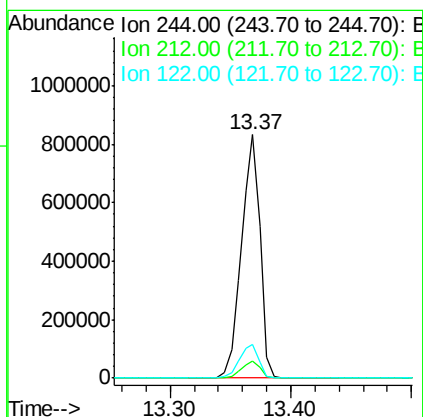
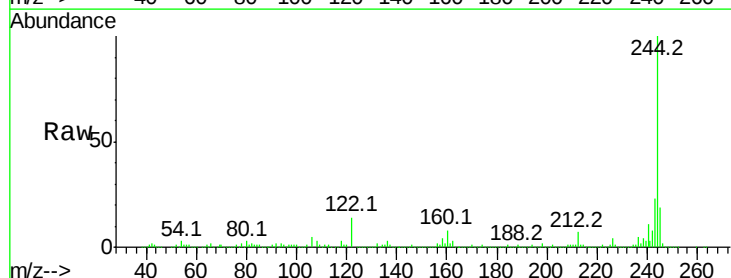
Instrument :
BNA_F
ClientSampleId :
E2-U11-SSW

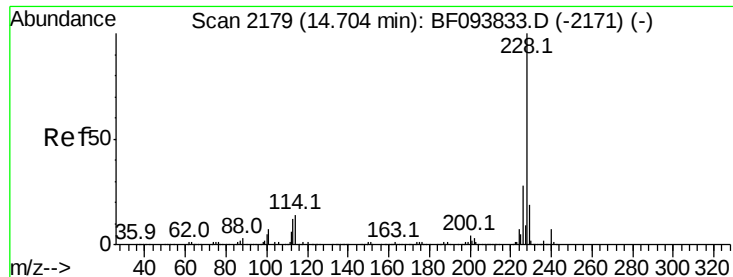
Tot Ion:202 Resp: 356622
Ion Ratio Lower Upper
202 100
200 21.0 17.6 26.4
203 18.9 14.4 21.6



#78
Terphenyl-d14
Concen: 62.40 ng
RT: 13.37 min Scan# 1952
Delta R.T. -0.04 min
Lab File: BF094037.D
Acq: 29 Mar 2017 23:51

Tgt Ion:244 Resp: 895338
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 14.1 10.3 15.5





#80

Benzo(a)anthracene

Concen: 15.97 ng

RT: 14.67 min Scan# 2174

Delta R.T. 0.01 min

Lab File: BF094037.D

Acq: 29 Mar 2017 23:51

Instrument :

BNA_F

ClientSampleId :

E2-U11-SSW

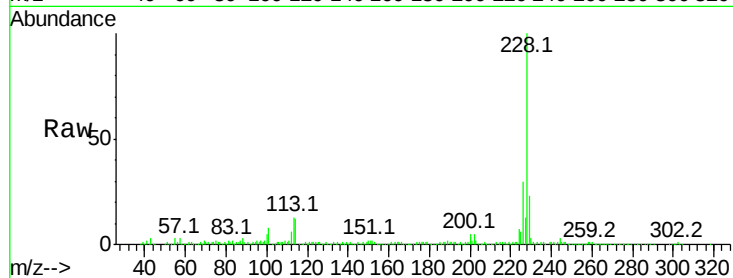
Tot Ion:228 Resp: 299451

Ion Ratio Lower Upper

228 100

226 30.4 22.6 33.8

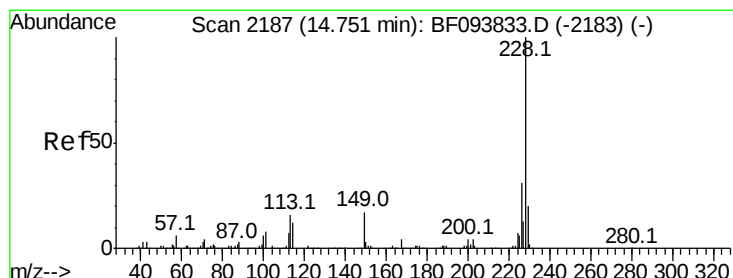
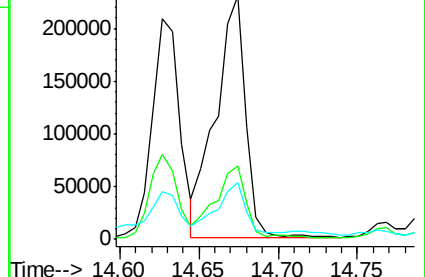
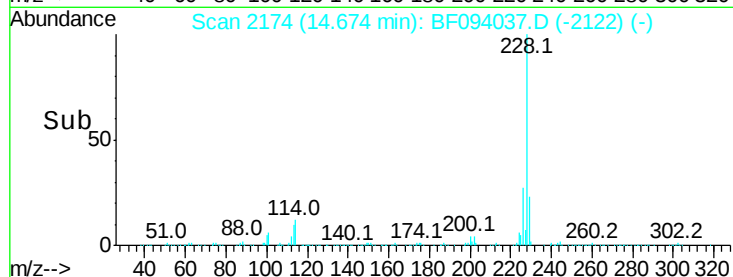
229 23.1 16.3 24.5



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: 17.21 ng

RT: 14.67 min Scan# 2174

Delta R.T. -0.04 min

Lab File: BF094037.D

Acq: 29 Mar 2017 23:51

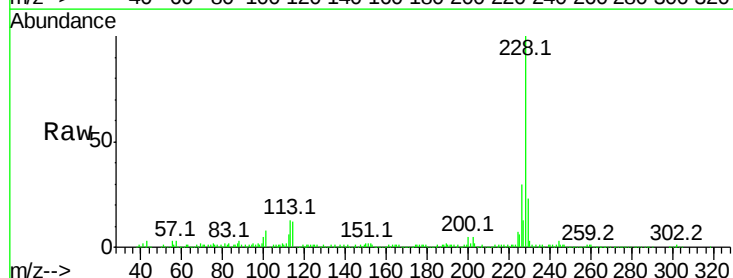
Tgt Ion:228 Resp: 299451

Ion Ratio Lower Upper

228 100

226 30.4 24.9 37.3

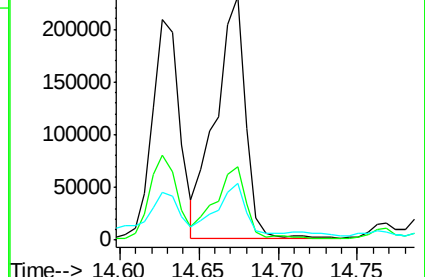
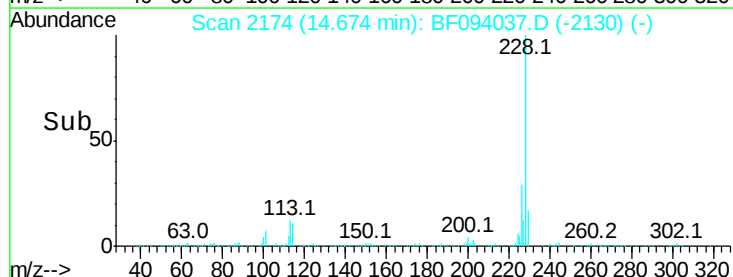
229 23.1 15.8 23.6

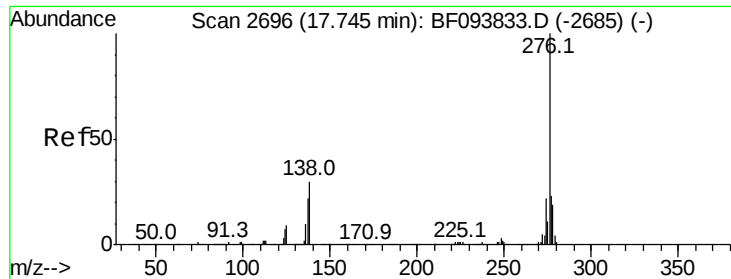


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

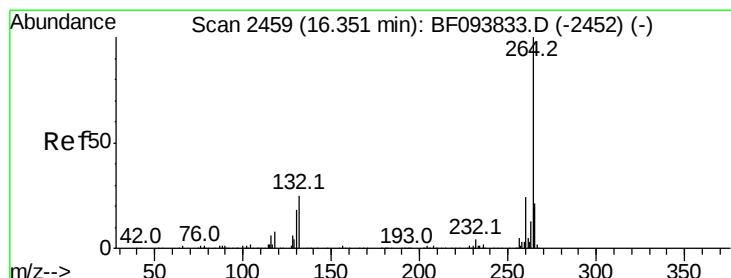
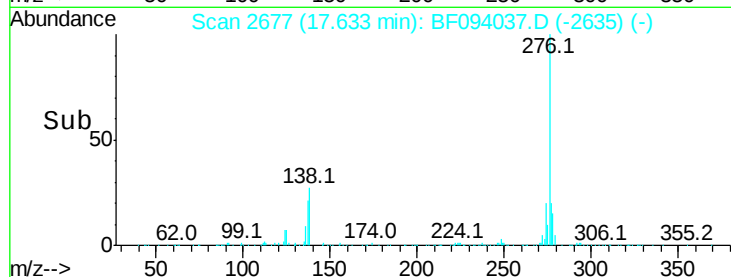
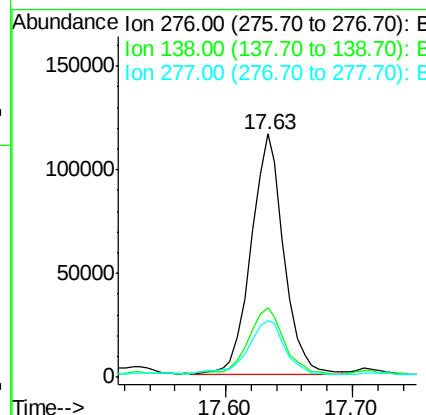
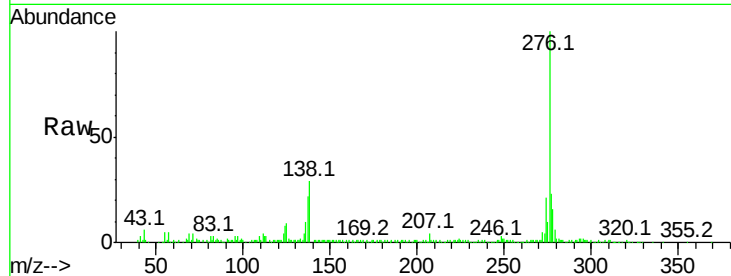




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 13.62 ng
 RT: 17.63 min Scan# 2677
 Delta R.T. -0.05 min
 Lab File: BF094037.D
 Acq: 29 Mar 2017 23:51

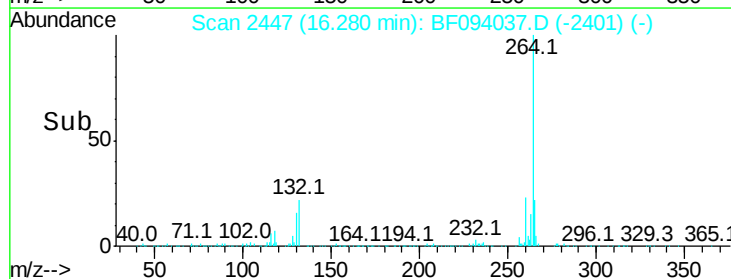
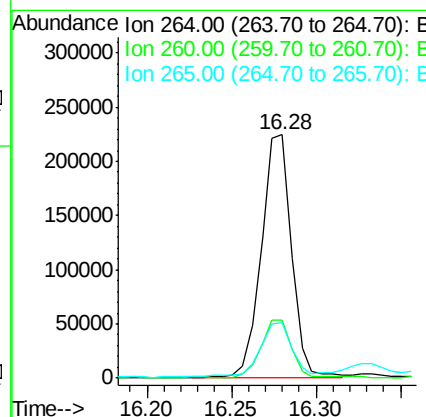
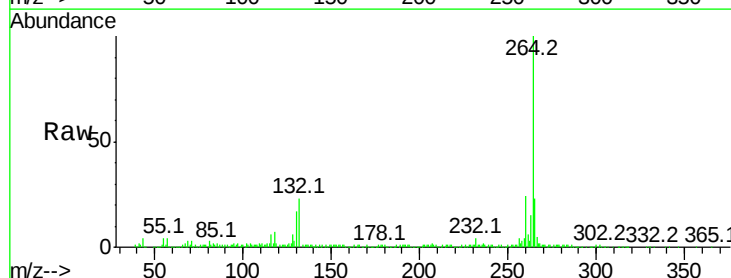
Instrument :
 BNA_F
 ClientSampleId :
 E2-U11-SSW

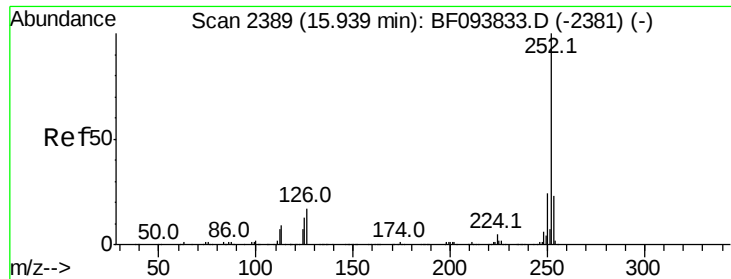
Tot Ion	Ratio	Lower	Upper
276	100		
138	31.0	27.8	41.6
277	27.0	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.28 min Scan# 2447
 Delta R.T. -0.03 min
 Lab File: BF094037.D
 Acq: 29 Mar 2017 23:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 39.09 ng

RT: 15.87 min Scan# 2377

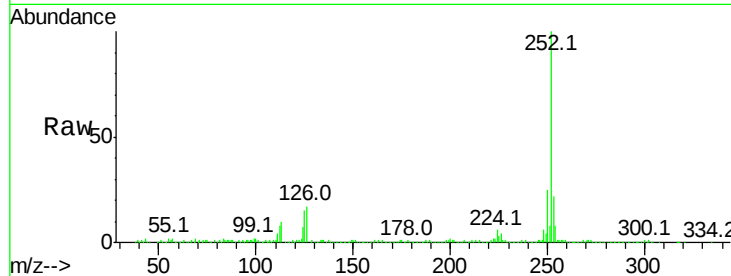
Delta R.T. -0.03 min

Lab File: BF094037.D

Acq: 29 Mar 2017 23:51

Instrument :
BNA_F
ClientSampleId :
E2-U11-SSW

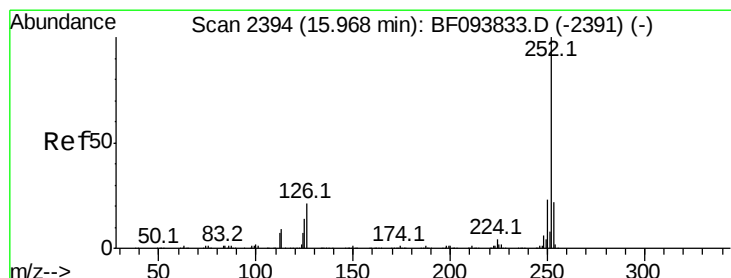
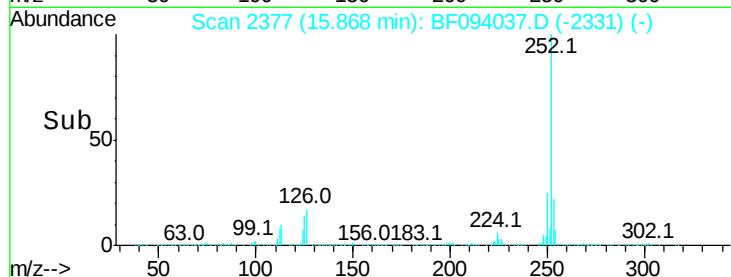
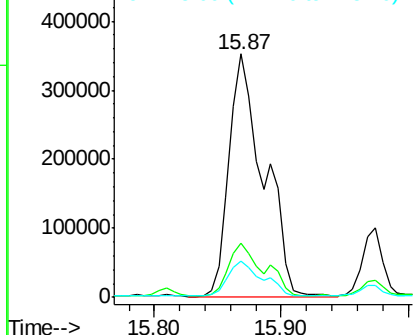
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	14.9	9.8	14.8#



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: 39.96 ng

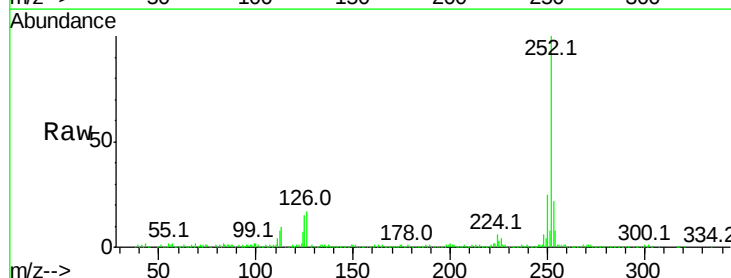
RT: 15.87 min Scan# 2377

Delta R.T. -0.06 min

Lab File: BF094037.D

Acq: 29 Mar 2017 23:51

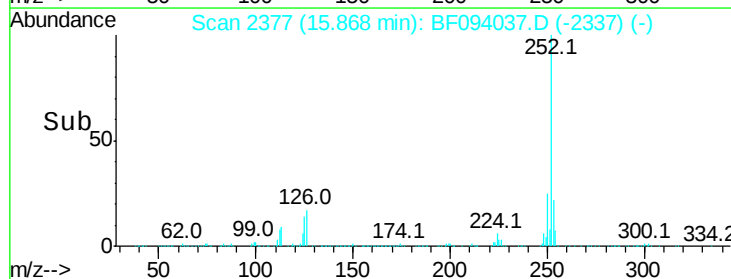
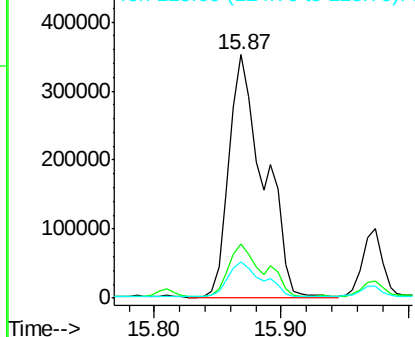
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	14.9	13.1	19.7

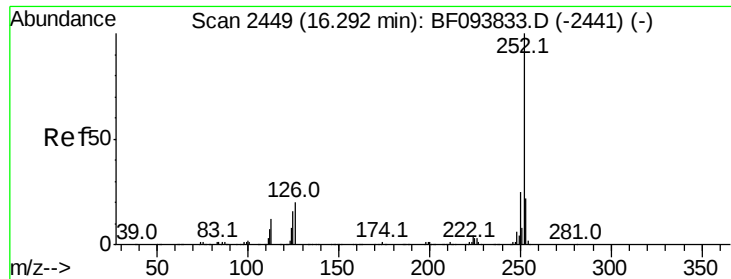


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 16.21 ng

RT: 16.22 min Scan# 2436

Delta R.T. -0.04 min

Lab File: BF094037.D

Acq: 29 Mar 2017 23:51

Instrument :

BNA_F

ClientSampleId :

E2-U11-SSW

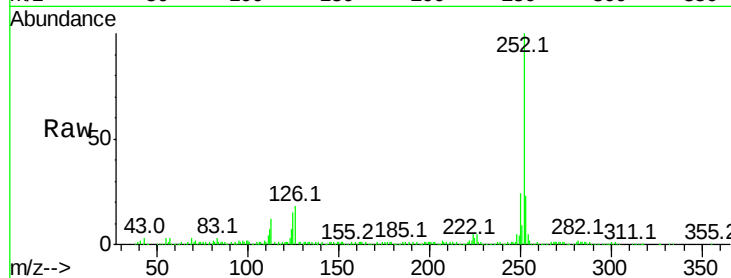
Tot Ion:252 Resp: 253899

Ion Ratio Lower Upper

252 100

253 23.2 17.5 26.3

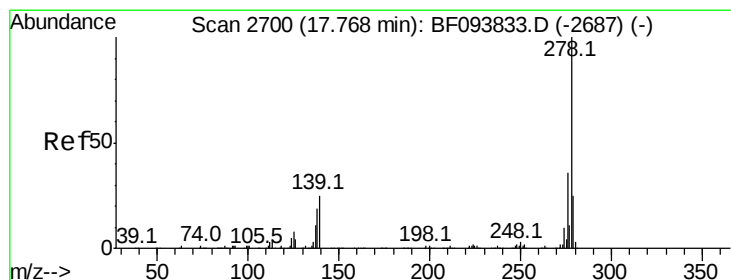
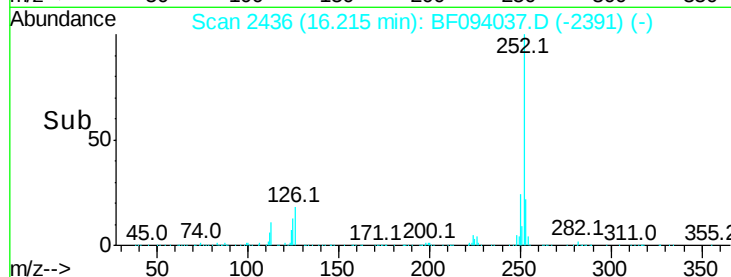
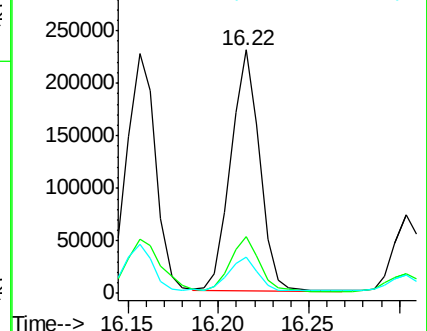
125 14.7 11.0 16.4



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: 4.04 ng

RT: 17.64 min Scan# 2679

Delta R.T. -0.06 min

Lab File: BF094037.D

Acq: 29 Mar 2017 23:51

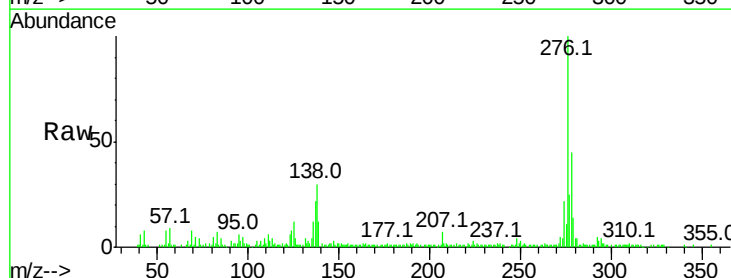
Tgt Ion:278 Resp: 53642

Ion Ratio Lower Upper

278 100

139 26.4 16.6 24.8#

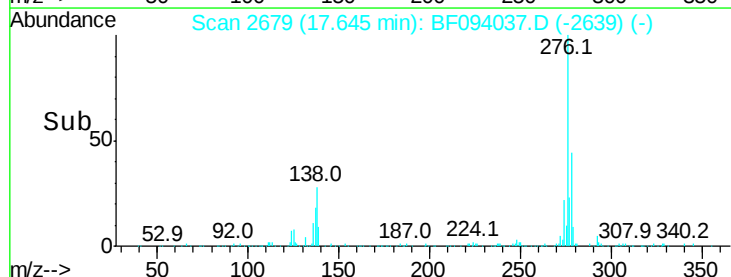
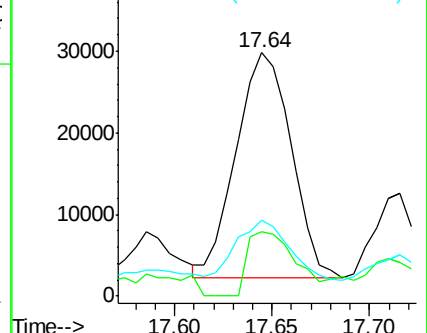
279 31.0 19.3 28.9#

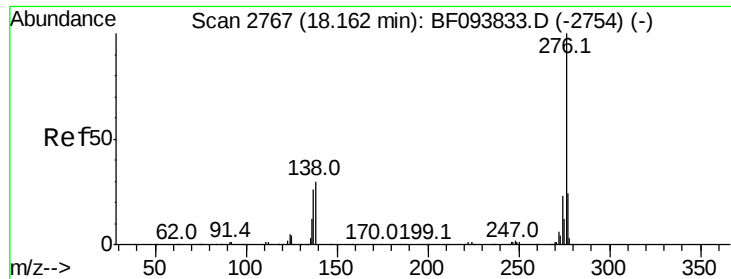


Abundance Ion 278.00 (277.70 to 278.70): E

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: 13.46 ng

RT: 18.03 min Scan# 2745

Delta R.T. -0.06 min

Lab File: BF094037.D

Acq: 29 Mar 2017 23:51

Instrument :

BNA_F

ClientSampleId :

E2-U11-SSW

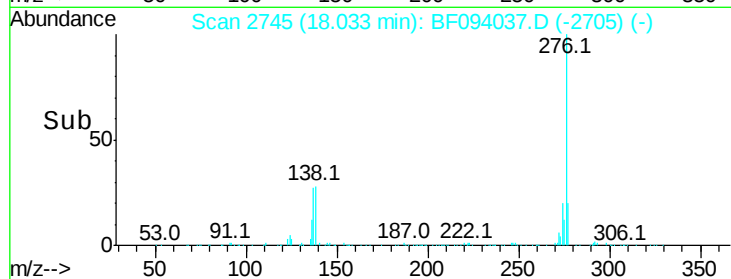
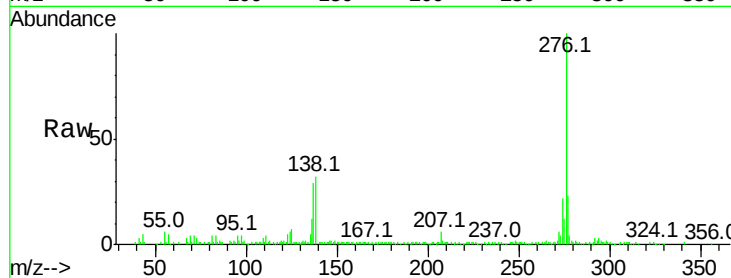
Tot Ion:276 Resp: 179954

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 31.5 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

