

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
 Data File : BF094039.D
 Acq On : 30 Mar 2017 00:46
 Operator : SJ/MA
 Sample : I2443-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA9-ESW

Quant Time: Mar 30 03:26:01 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	159235	20.00	ng	-0.03
21) Naphthalene-d8	7.43	136	590961	20.00	ng	-0.03
38) Acenaphthene-d10	9.56	164	243196	20.00	ng	-0.04
63) Phenanthrene-d10	11.39	188	359968	20.00	ng	-0.03
75) Chrysene-d12	14.69	240	246253	20.00	ng	0.00
86) Perylene-d12	16.31	264	232227	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	1311342	139.09	ng	-0.02
7) Phenol-d6	5.53	99	1617978	138.73	ng	-0.02
23) Nitrobenzene-d5	6.57	82	970744	93.74	ng	-0.03
41) 2,4,6-Tribromophenol	10.55	330	270048	140.52	ng	-0.03
44) 2-Fluorobiphenyl	8.75	172	1602991	100.54	ng	-0.03
78) Terphenyl-d14	13.40	244	760515	69.22	ng	0.00

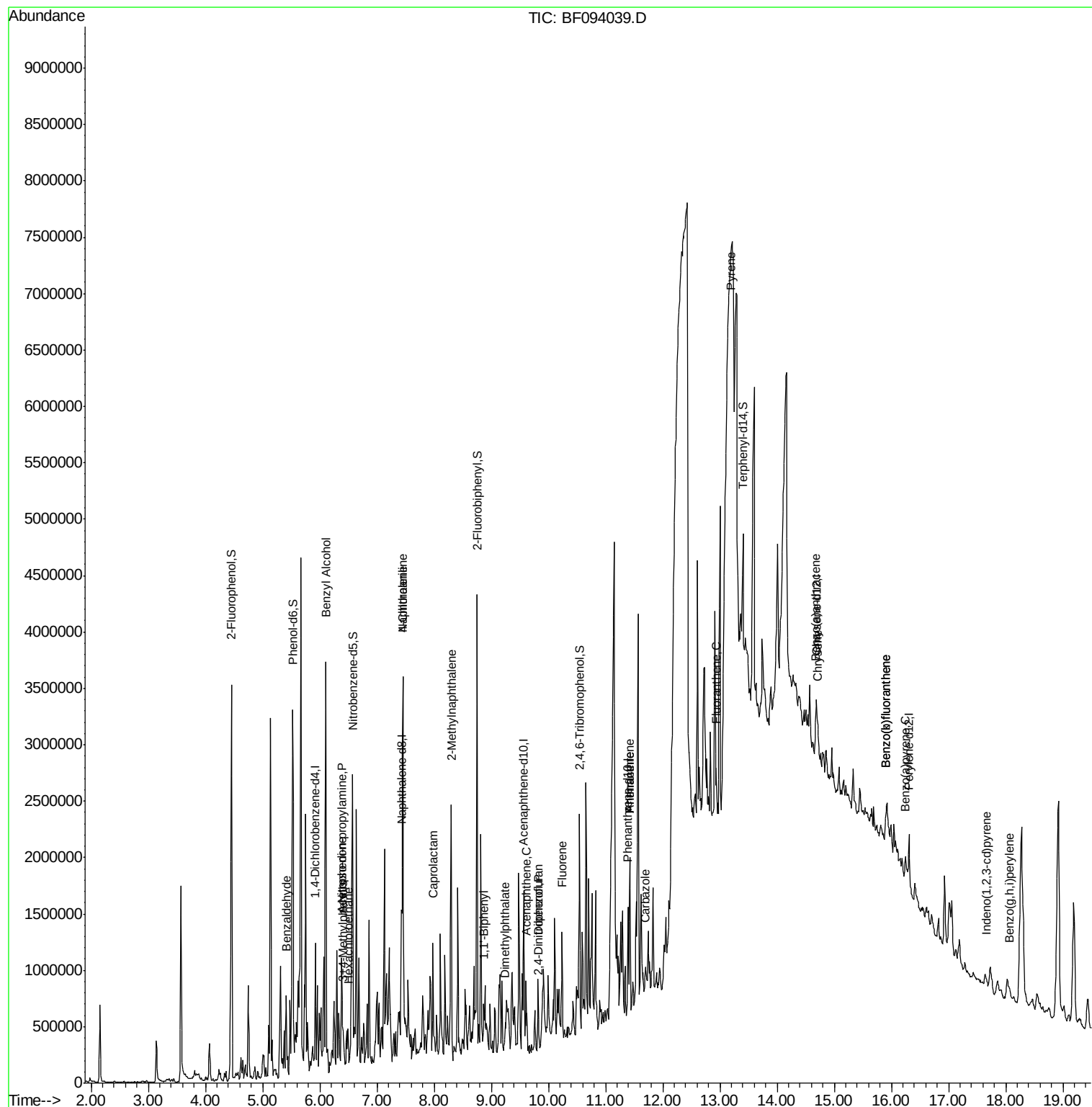
Target Compounds						Qvalue
9) Benzaldehyde	5.41	77	39257	4.98	ng	97
15) Benzyl Alcohol	6.10	79	19655	2.30	ng	# 48
18) Hexachloroethane	6.50	117	10877	2.63	ng	# 1
19) n-Nitroso-di-n-propylamine	6.38	70	23191	3.09	ng	# 66
20) 3+4-Methylphenols	6.40	107	32653	3.04	ng	# 60
22) Acetophenone	6.38	105	95694	7.27	ng	# 47
31) Naphthalene	7.46	128	1574099	55.40	ng	100
33) 4-Chloroaniline	7.46	127	216220	18.77	ng	# 37
35) Caprolactam	7.99	113	18641	7.45	ng	# 56
37) 2-Methylnaphthalene	8.30	142	707227	37.34	ng	98
45) 1,1'-Biphenyl	8.86	154	118683	6.05	ng	97
49) Dimethylphthalate	9.25	163	104079	6.02	ng	98
51) Acenaphthene	9.60	154	126988	8.53	ng	99
53) 2,4-Dinitrophenol	9.83	184	603	4.93	ng	# 1
54) Dibenzofuran	9.82	168	211910	10.45	ng	99
57) Fluorene	10.24	166	155167	9.23	ng	99
70) Phenanthrene	11.42	178	569074	28.42	ng	99
71) Anthracene	11.42	178	569074	27.60	ng	99
72) Carbazole	11.69	167	57416	2.72	ng	# 94
74) Fluoranthene	12.93	202	296542	14.46	ng	96
77) Pyrene	13.19	202	117420	6.57	ng	97
80) Benzo(a)anthracene	14.67	228	101289	7.05	ng	# 90
82) Chrysene	14.72	228	126866	9.52	ng	# 93
85) Indeno(1,2,3-cd)pyrene	17.67	276	37750	3.27	ng	# 91
87) Benzo(b)fluoranthene	15.90	252	125365	8.81	ng	# 72
88) Benzo(k)fluoranthene	15.90	252	125365	9.00	ng	# 75
89) Benzo(a)pyrene	16.24	252	71109	5.42	ng	# 72
91) Benzo(g,h,i)perylene	18.07	276	37261	3.33	ng	# 90

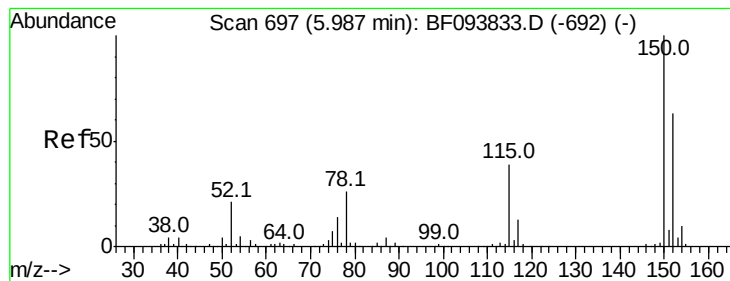
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
Data File : BF094039.D
Acq On : 30 Mar 2017 00:46
Operator : SJ/MA
Sample : I2443-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-AA9-ESW

Quant Time: Mar 30 03:26:01 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



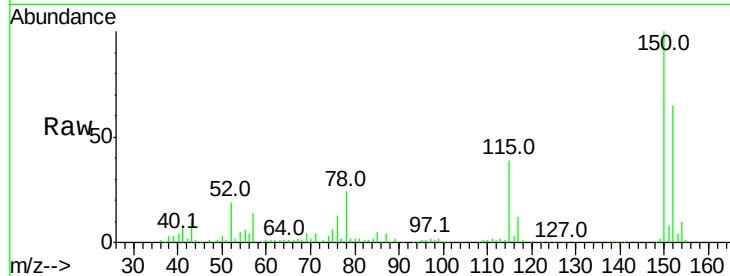


#1

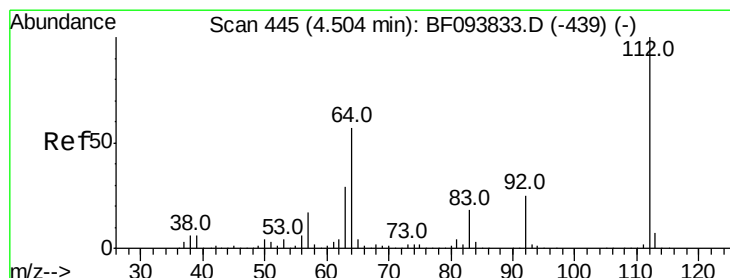
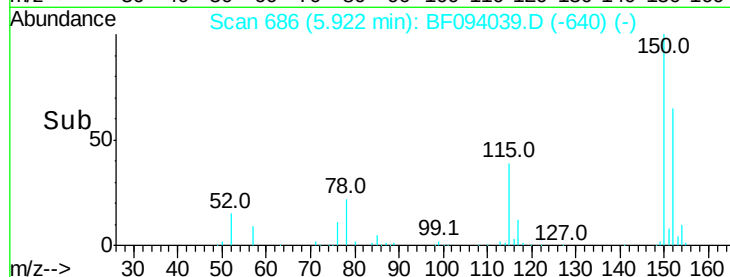
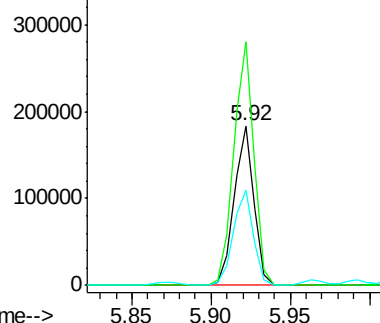
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.92 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF094039.D
Acq: 30 Mar 2017 00:46

Instrument :
BNA_F
ClientSampleId :
E2-AA9-ESW

Tot Ion:152 Resp: 159235
Ion Ratio Lower Upper
152 100
150 152.7 126.2 189.2
115 59.4 52.2 78.2



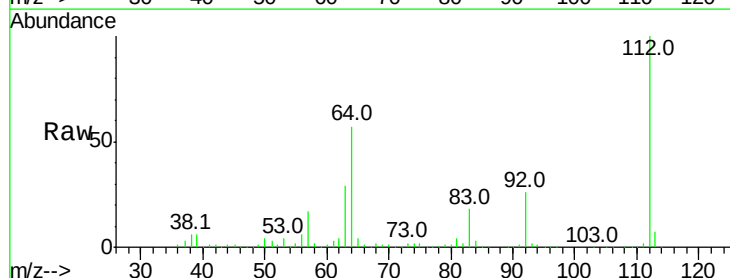
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



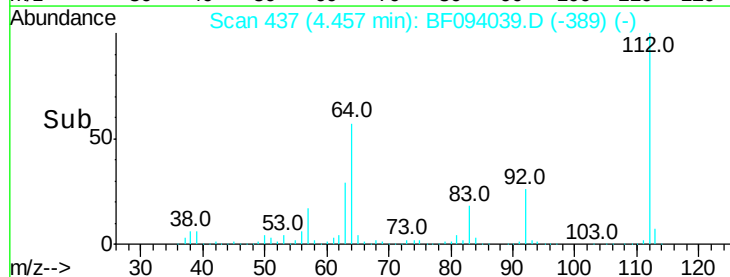
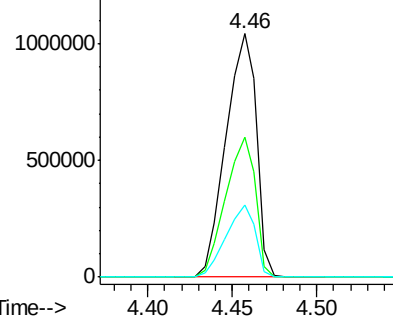
#5

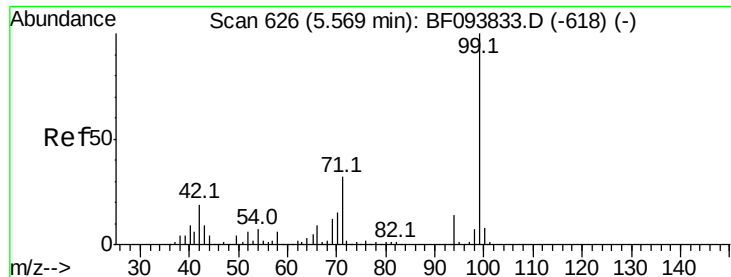
2-Fluorophenol
Concen: 139.09 ng
RT: 4.46 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF094039.D
Acq: 30 Mar 2017 00:46

Tgt Ion:112 Resp: 1311342
Ion Ratio Lower Upper
112 100
64 57.2 46.0 69.0
63 29.4 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: 138.73 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF094039.D

Acq: 30 Mar 2017 00:46

Instrument :

BNA_F

ClientSampleId :

E2-AA9-ESW

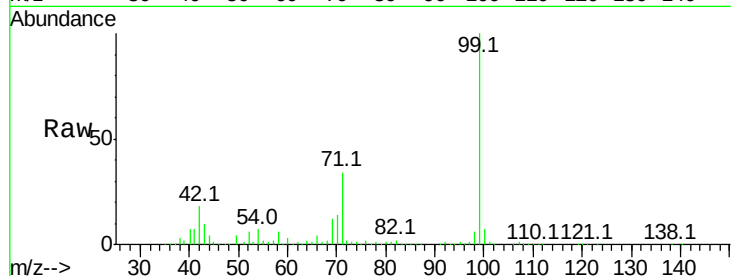
Tot Ion: 99 Resp: 1617978

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

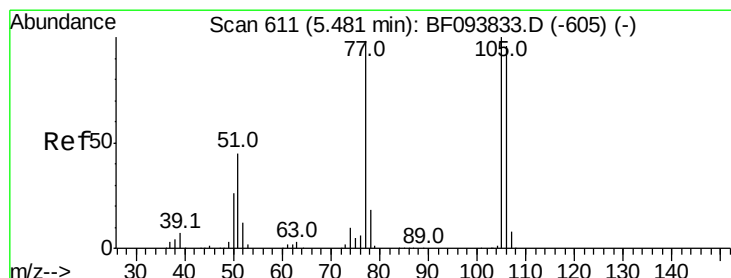
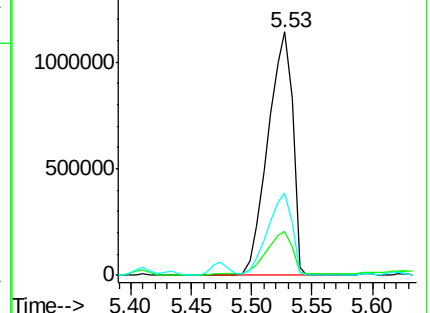
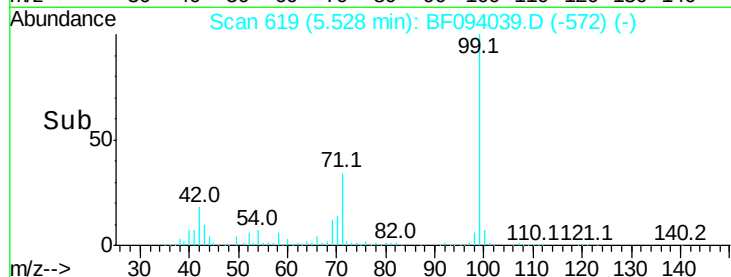
71 33.7 24.5 36.7



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: 4.98 ng

RT: 5.41 min Scan# 599

Delta R.T. -0.04 min

Lab File: BF094039.D

Acq: 30 Mar 2017 00:46

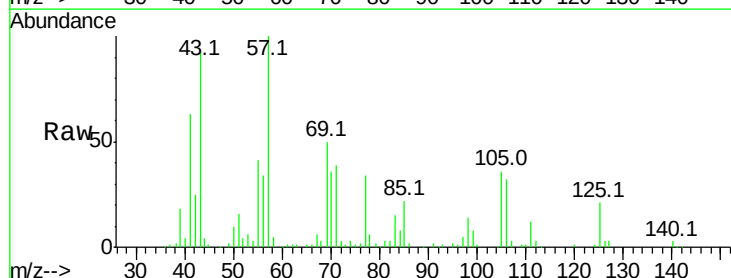
Tgt Ion: 77 Resp: 39257

Ion Ratio Lower Upper

77 100

105 104.9 83.8 123.8

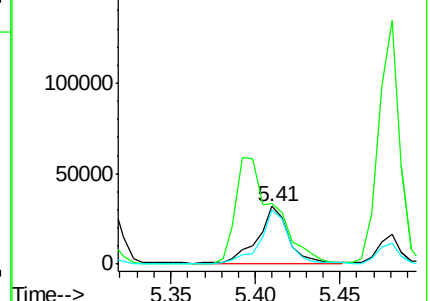
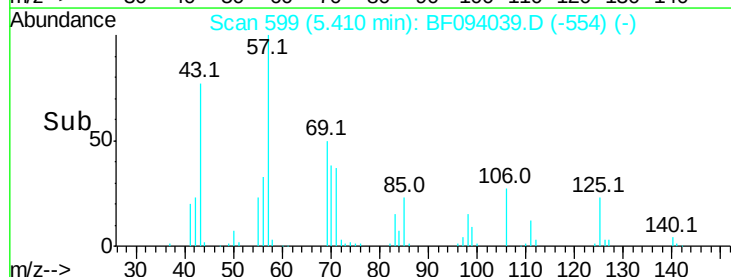
106 94.2 79.1 119.1

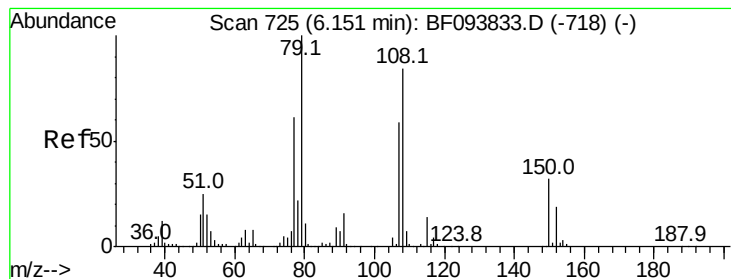


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.30 ng

RT: 6.10 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF094039.D

Acq: 30 Mar 2017 00:46

Instrument :

BNA_F

ClientSampleId :

E2-AA9-ESW

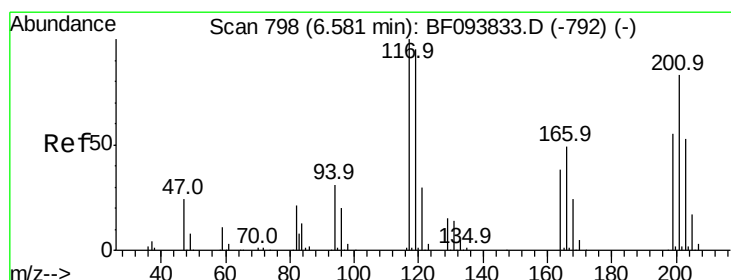
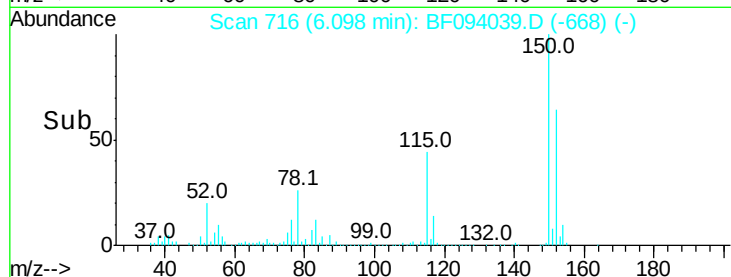
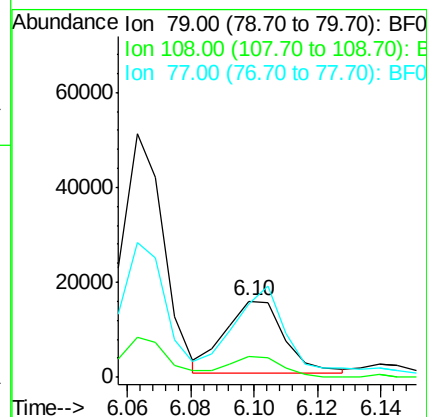
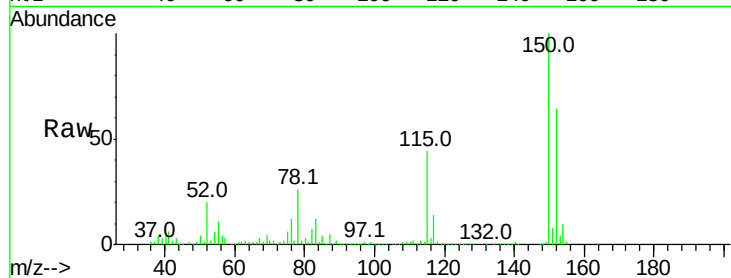
Tot Ion: 79 Resp: 19655

Ion Ratio Lower Upper

79 100

108 28.1 63.4 95.0#

77 95.4 49.2 73.8#



#18

Hexachloroethane

Concen: 2.63 ng

RT: 6.50 min Scan# 784

Delta R.T. -0.05 min

Lab File: BF094039.D

Acq: 30 Mar 2017 00:46

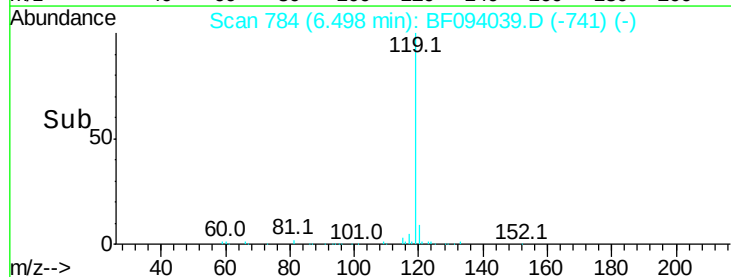
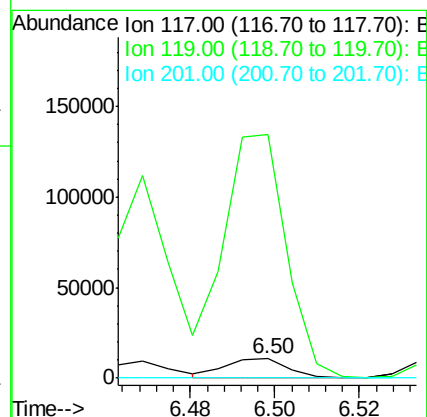
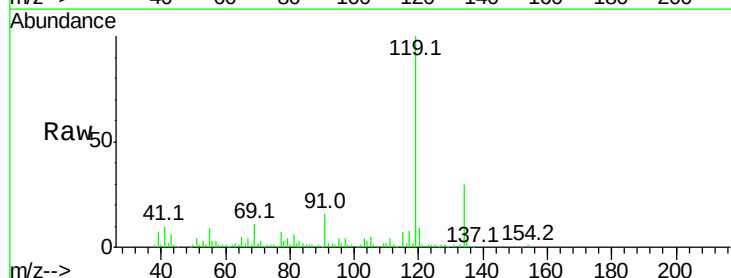
Tgt Ion: 117 Resp: 10877

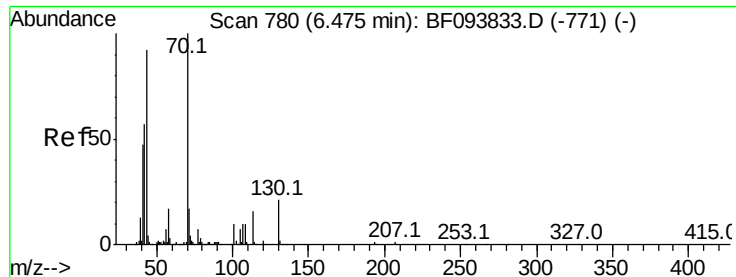
Ion Ratio Lower Upper

117 100

119 1263.6 77.4 116.0#

201 0.0 94.6 141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 3.09 ng

RT: 6.38 min Scan# 764

Delta R.T. -0.06 min

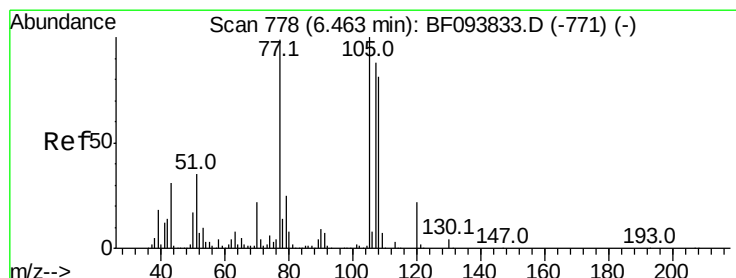
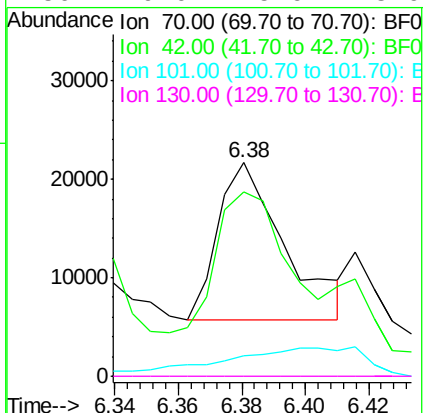
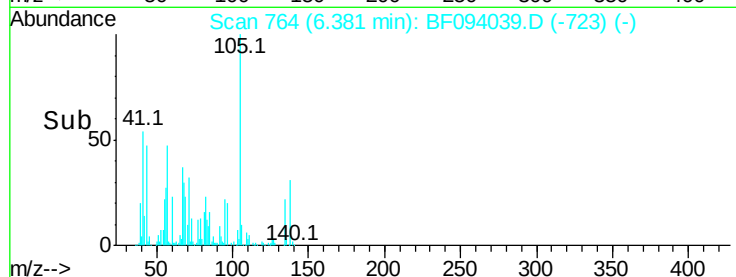
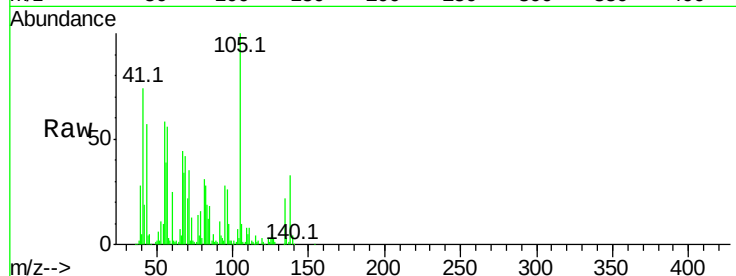
Lab File: BF094039.D

Acq: 30 Mar 2017 00:46

Instrument :
BNA_F
ClientSampleId :
E2-AA9-ESW

Tot Ion: 70 Resp: 23191

Ion	Ratio	Lower	Upper
70	100		
42	86.2	47.2	70.8#
101	9.5	7.2	10.8
130	0.0	15.9	23.9#



#20

3+4-Methylphenols

Concen: 3.04 ng

RT: 6.40 min Scan# 768

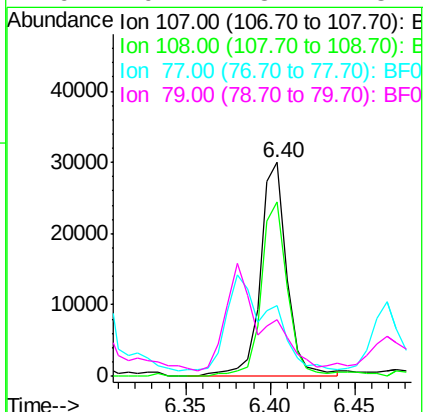
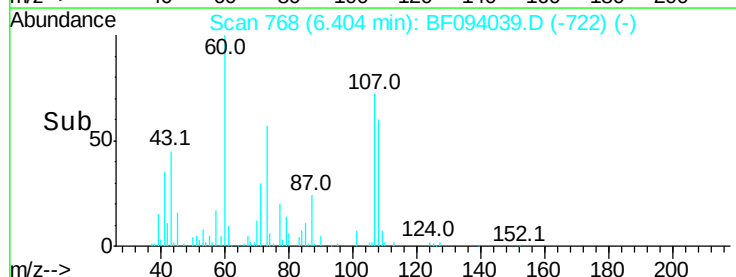
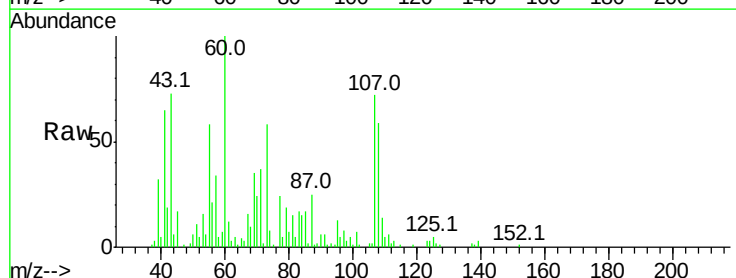
Delta R.T. -0.03 min

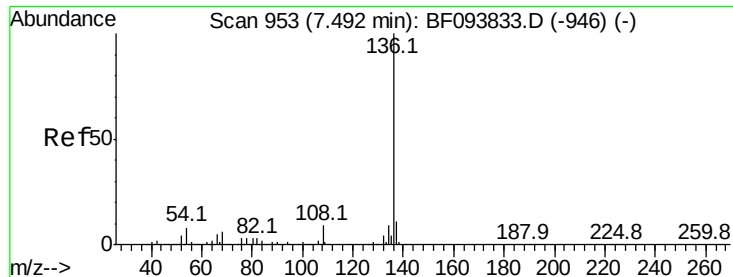
Lab File: BF094039.D

Acq: 30 Mar 2017 00:46

Tgt Ion: 107 Resp: 32653

Ion	Ratio	Lower	Upper
107	100		
108	81.2	71.0	111.0
77	32.7	90.5	130.5#
79	26.4	8.4	48.4

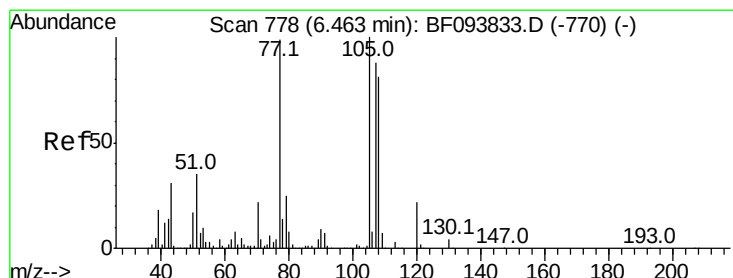
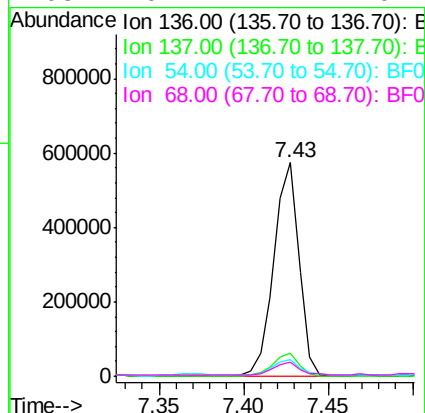
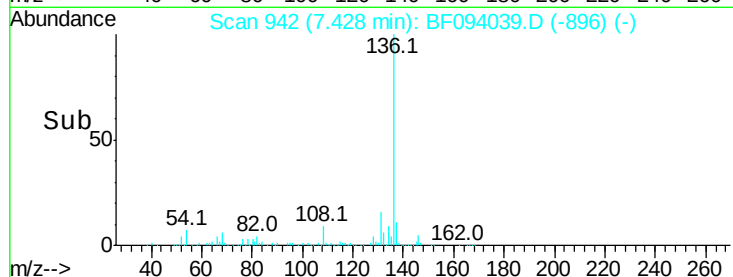
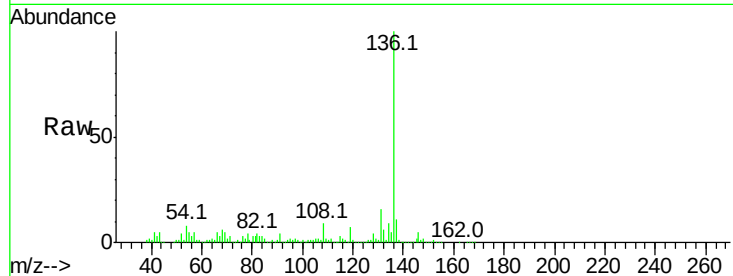




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.43 min Scan# 942
Delta R.T. -0.03 min
Lab File: BF094039.D
Acq: 30 Mar 2017 00:46

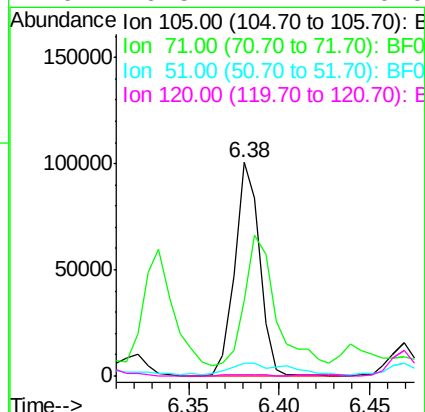
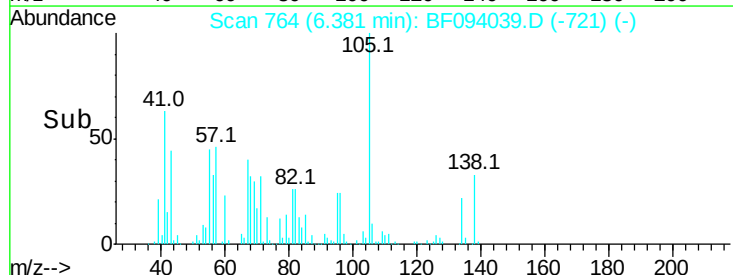
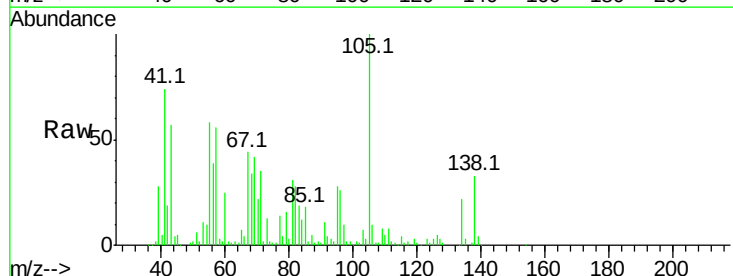
Instrument :
BNA_F
ClientSampleId :
E2-AA9-ESW

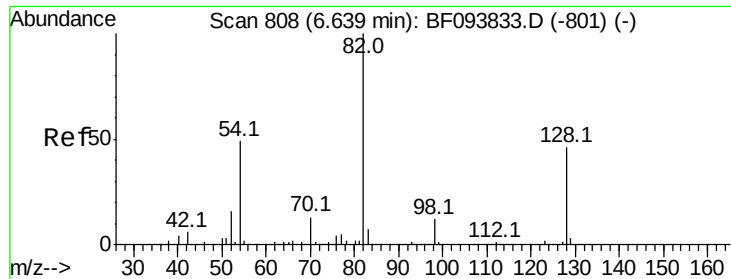
Tot Ion:	136	Resp:	590961
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.6	4.9	7.3#
68	6.4	4.1	6.1#



#22
Acetophenone
Concen: 7.27 ng
RT: 6.38 min Scan# 764
Delta R.T. -0.05 min
Lab File: BF094039.D
Acq: 30 Mar 2017 00:46

Tgt Ion:	105	Resp:	95694
Ion	Ratio	Lower	Upper
105	100		
71	35.3	2.8	4.2#
51	6.2	30.7	46.1#
120	0.5	17.4	26.0#

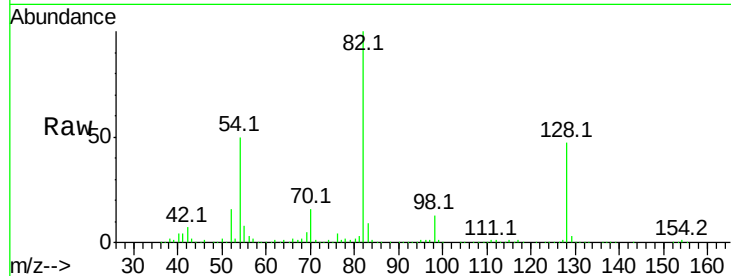




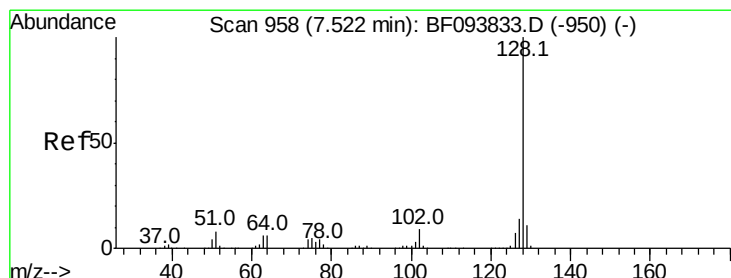
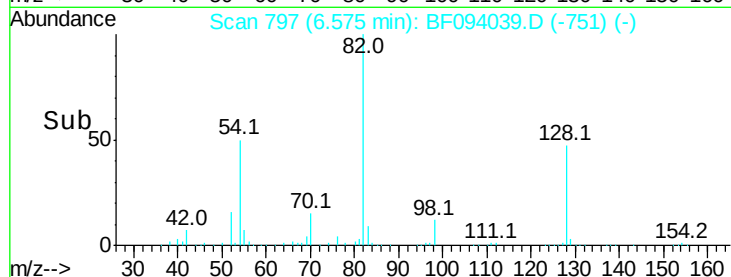
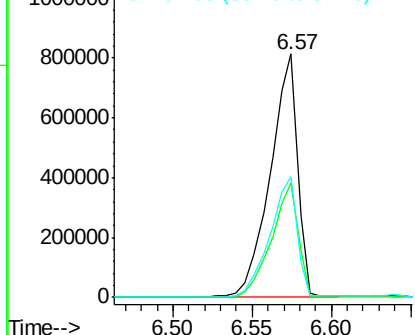
#23
 Nitrobenzene-d5
 Concen: 93.74 ng
 RT: 6.57 min Scan# 797
 Delta R.T. -0.03 min
 Lab File: BF094039.D
 Acq: 30 Mar 2017 00:46

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA9-ESW

Tot Ion: 82 Resp: 970744
 Ion Ratio Lower Upper
 82 100
 128 46.9 34.0 51.0
 54 49.7 42.2 63.2

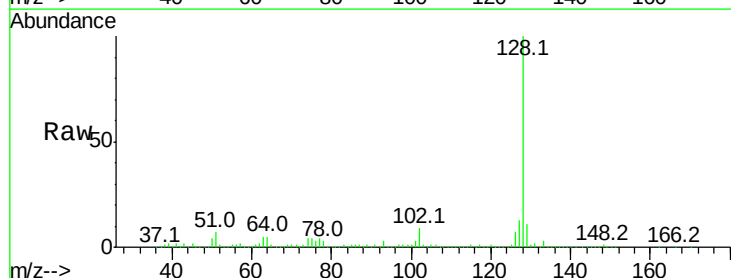


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

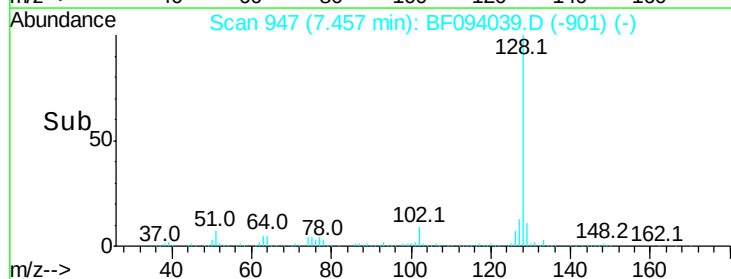
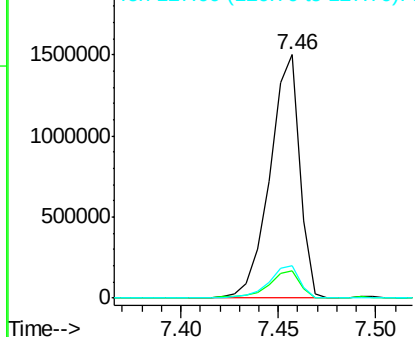


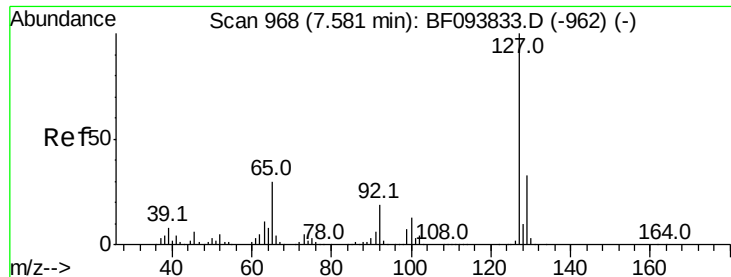
#31
 Naphthalene
 Concen: 55.40 ng
 RT: 7.46 min Scan# 947
 Delta R.T. -0.03 min
 Lab File: BF094039.D
 Acq: 30 Mar 2017 00:46

Tgt Ion:128 Resp: 1574099
 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

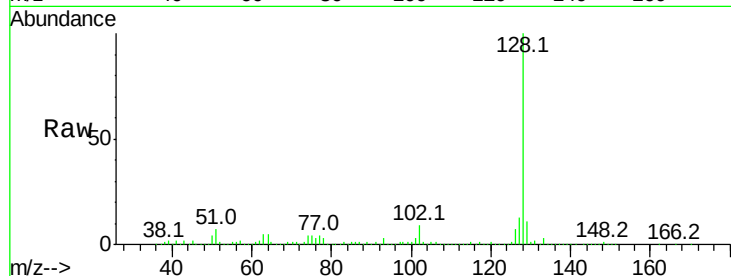




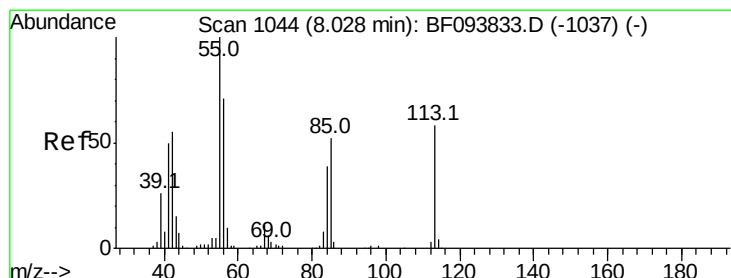
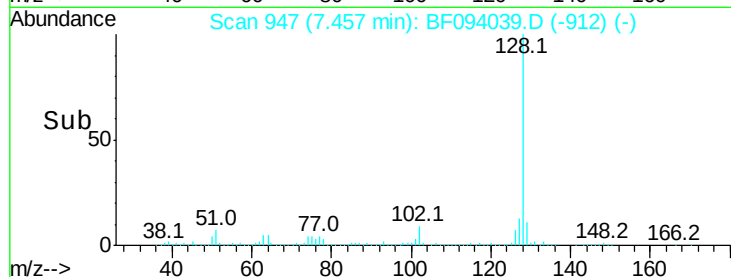
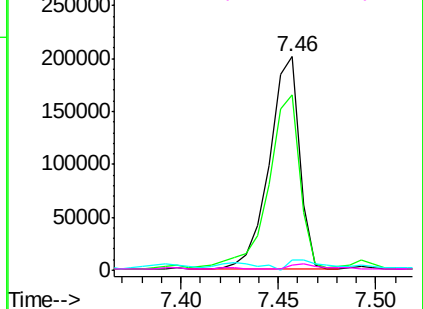
#33
4-Chloroaniline
Concen: 18.77 ng
RT: 7.46 min Scan# 947
Delta R.T. -0.09 min
Lab File: BF094039.D
Acq: 30 Mar 2017 00:46

Instrument :
BNA_F
ClientSampleId :
E2-AA9-ESW

Tot Ion:	127	Resp:	216220
Ion	Ratio	Lower	Upper
127	100		
129	82.2	26.2	39.2#
65	4.6	27.8	41.8#
92	2.2	16.8	25.2#

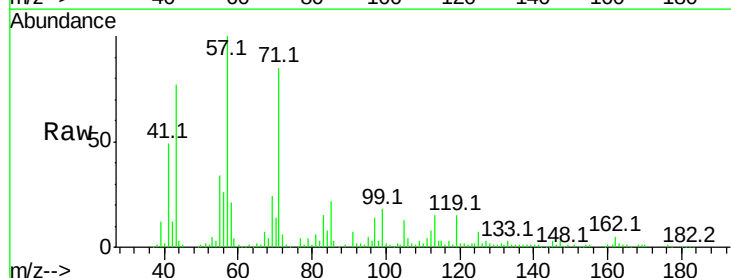


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

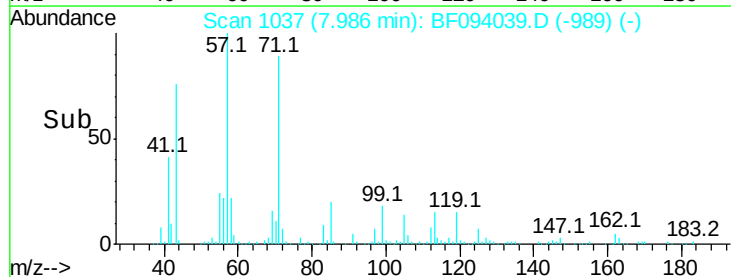
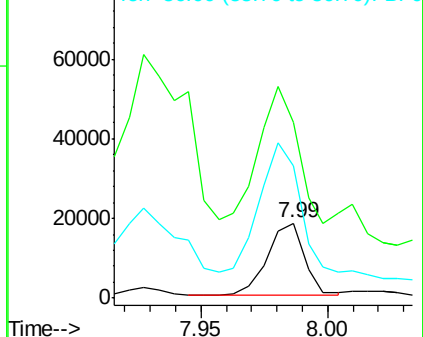


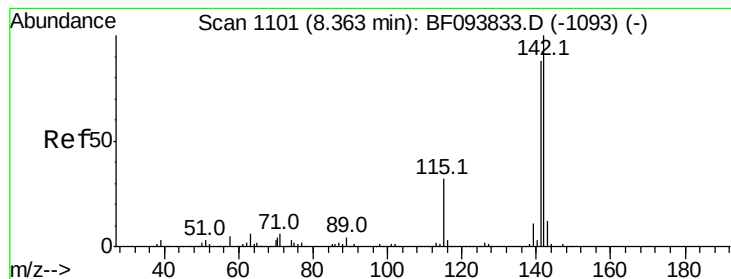
#35
Caprolactam
Concen: 7.45 ng
RT: 7.99 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF094039.D
Acq: 30 Mar 2017 00:46

Tgt Ion:	113	Resp:	18641
Ion	Ratio	Lower	Upper
113	100		
55	234.2	150.2	190.2#
56	175.6	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: 37.34 ng

RT: 8.30 min Scan# 1090

Delta R.T. -0.03 min

Lab File: BF094039.D

Acq: 30 Mar 2017 00:46

Instrument :

BNA_F

ClientSampleId :

E2-AA9-ESW

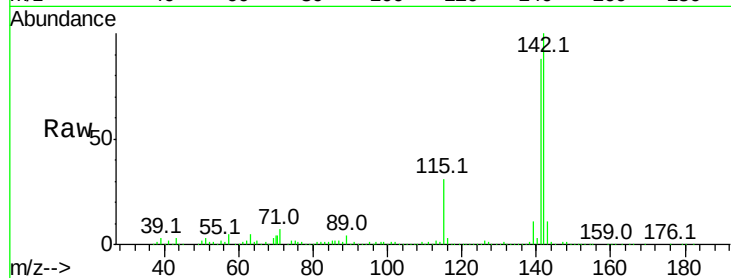
Tot Ion:142 Resp: 707227

Ion Ratio Lower Upper

142 100

141 88.0 71.3 106.9

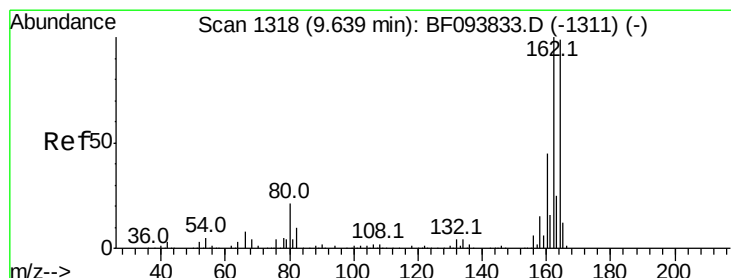
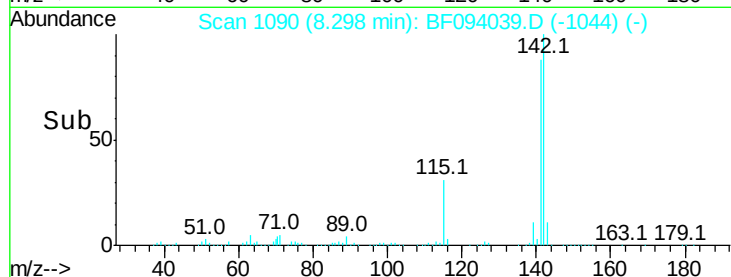
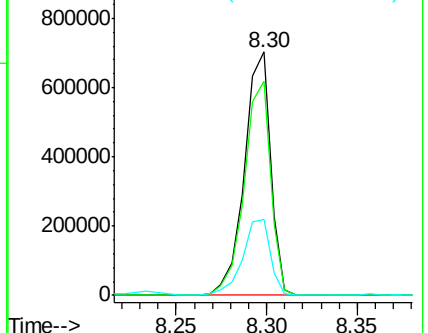
115 31.1 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.56 min Scan# 1305

Delta R.T. -0.04 min

Lab File: BF094039.D

Acq: 30 Mar 2017 00:46

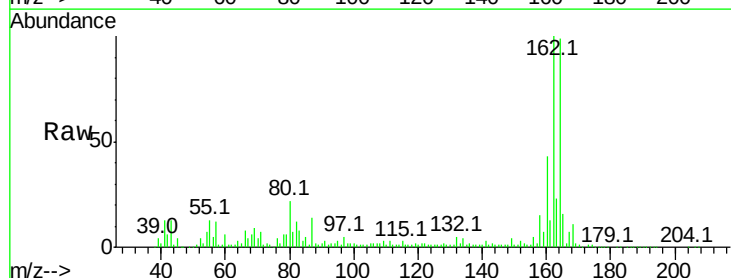
Tgt Ion:164 Resp: 243196

Ion Ratio Lower Upper

164 100

162 100.9 82.6 123.8

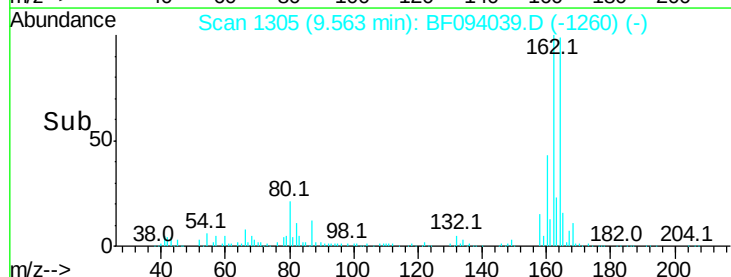
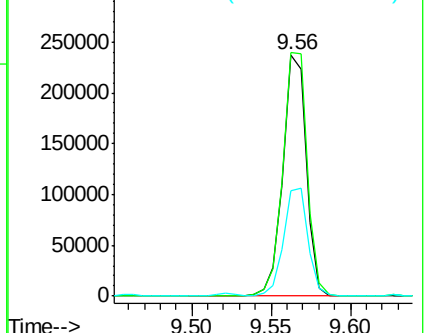
160 43.8 36.2 54.2

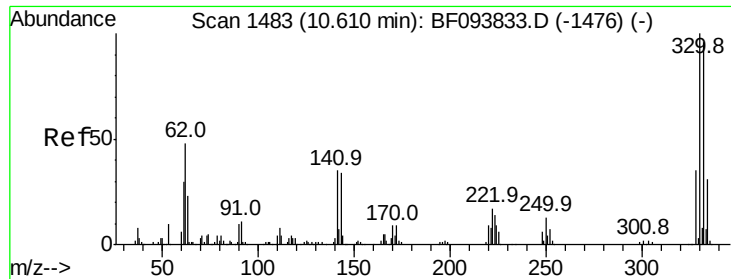


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

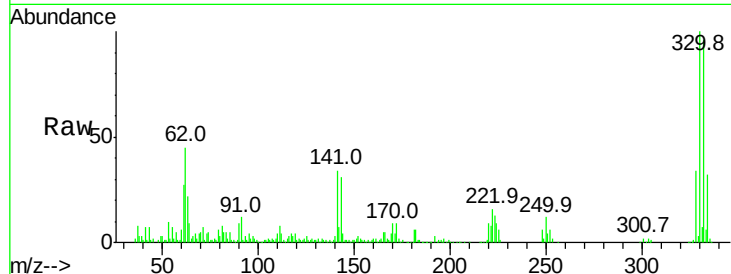




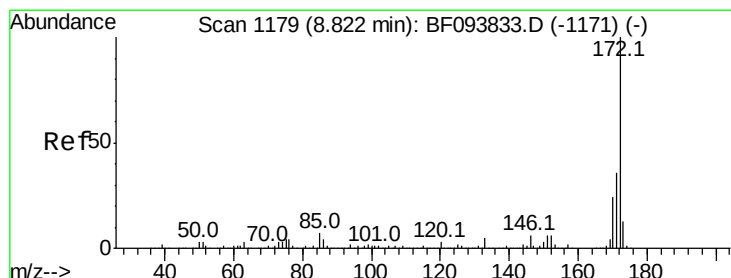
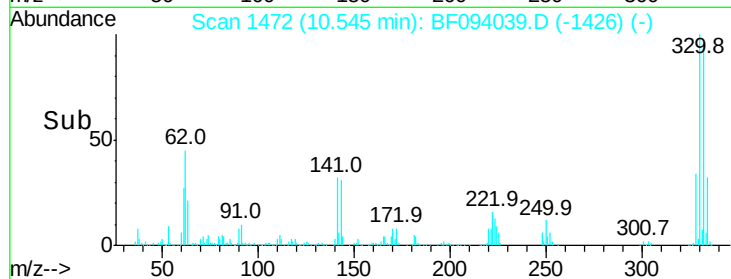
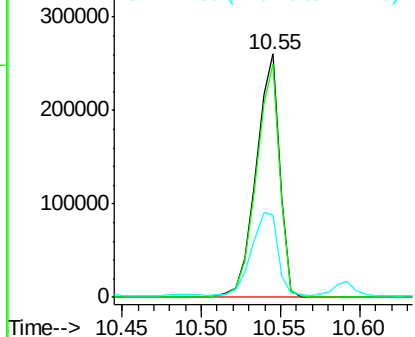
#41
 2,4,6-Tribromophenol
 Concen: 140.52 ng
 RT: 10.55 min Scan# 1472
 Delta R.T. -0.03 min
 Lab File: BF094039.D
 Acq: 30 Mar 2017 00:46

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA9-ESW

Tot Ion:330 Resp: 270048
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 37.6 31.4 47.2

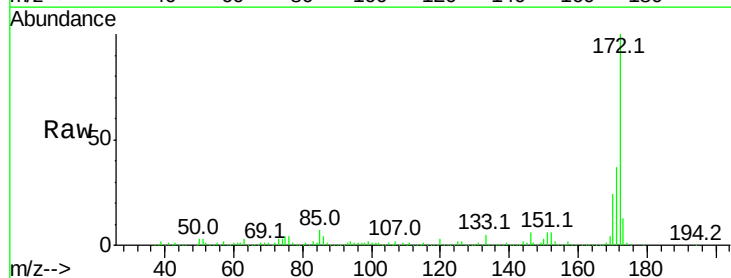


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

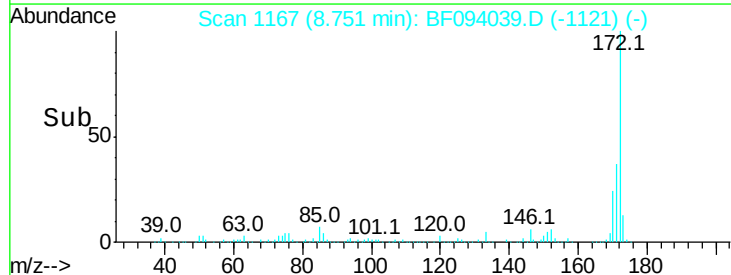
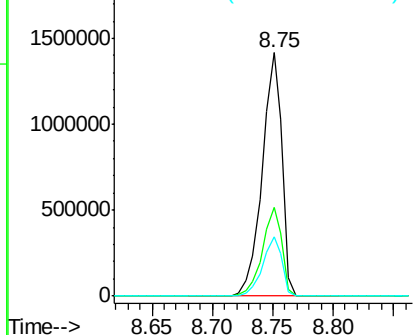


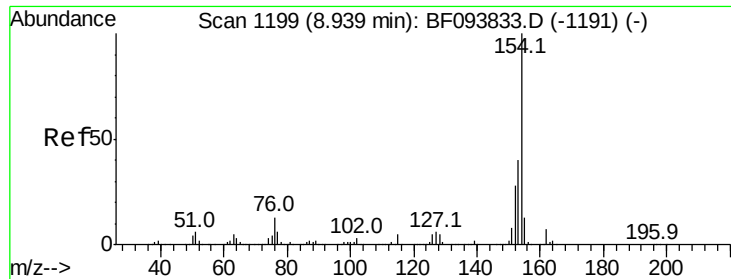
#44
 2-Fluorobiphenyl
 Concen: 100.54 ng
 RT: 8.75 min Scan# 1167
 Delta R.T. -0.03 min
 Lab File: BF094039.D
 Acq: 30 Mar 2017 00:46

Tgt Ion:172 Resp: 1602991
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.2 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

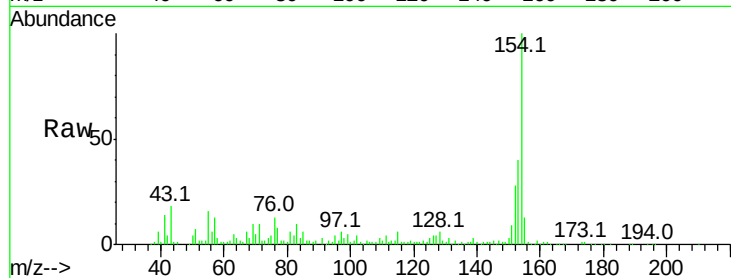




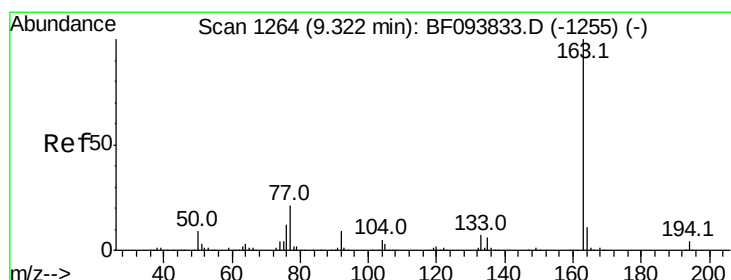
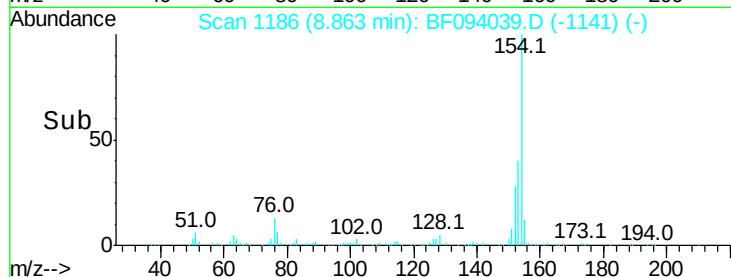
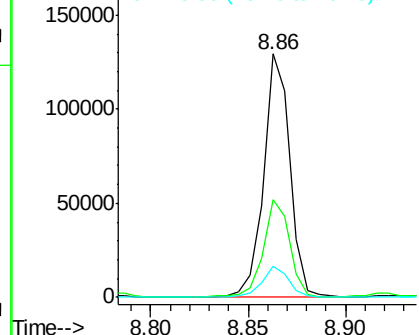
#45
1,1'-Biphenyl
Concen: 6.05 ng
RT: 8.86 min Scan# 1186
Delta R.T. -0.04 min
Lab File: BF094039.D
Acq: 30 Mar 2017 00:46

Instrument :
BNA_F
ClientSampleId :
E2-AA9-ESW

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.2	61.2
76	12.6	0.0	29.9

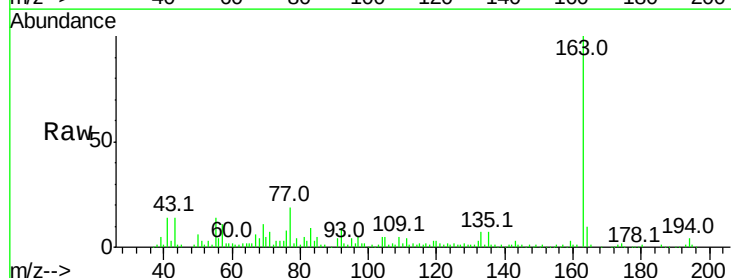


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

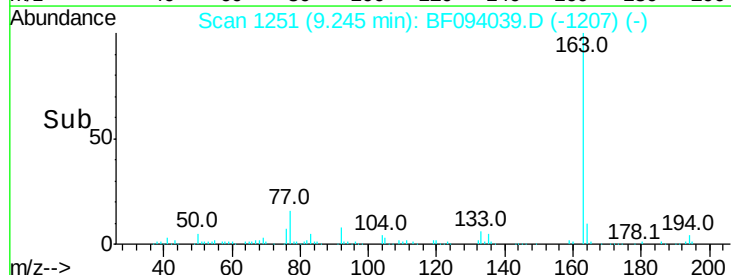
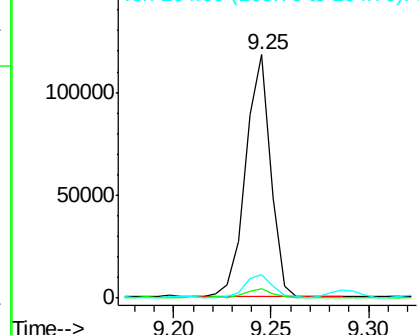


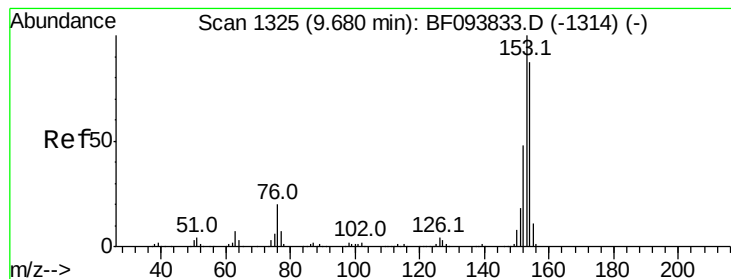
#49
Dimethylphthalate
Concen: 6.02 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.04 min
Lab File: BF094039.D
Acq: 30 Mar 2017 00:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	4.0
164	9.8	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: 8.53 ng

RT: 9.60 min Scan# 1312

Delta R.T. -0.04 min

Lab File: BF094039.D

Acq: 30 Mar 2017 00:46

Instrument :

BNA_F

ClientSampleId :

E2-AA9-ESW

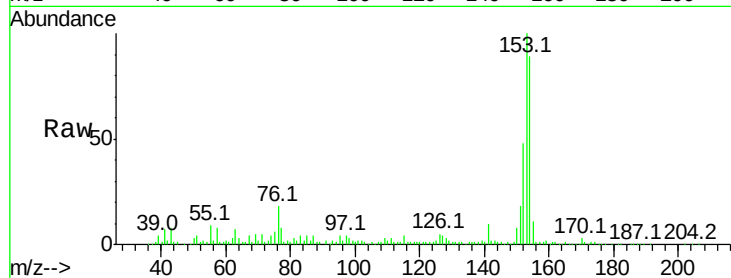
Tot Ion:154 Resp: 126988

Ion Ratio Lower Upper

154 100

153 111.8 90.5 135.7

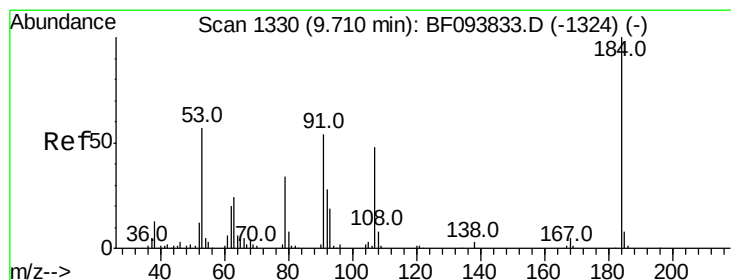
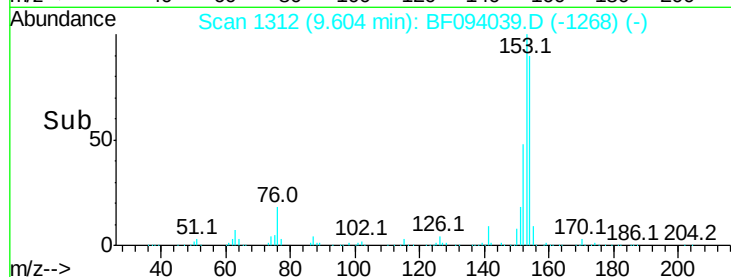
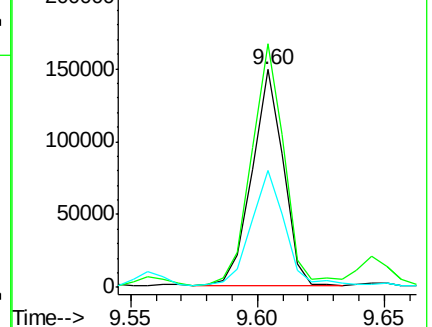
152 53.5 43.6 65.4



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: 4.93 ng

RT: 9.83 min Scan# 1351

Delta R.T. 0.15 min

Lab File: BF094039.D

Acq: 30 Mar 2017 00:46

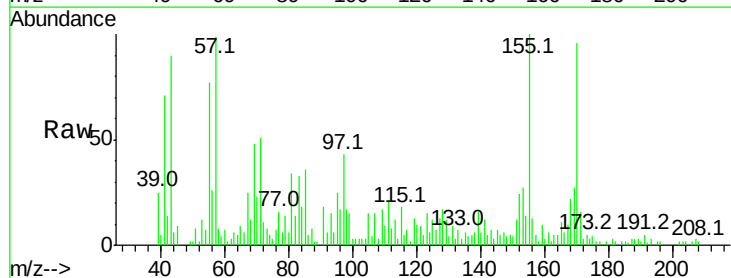
Tgt Ion:184 Resp: 603

Ion Ratio Lower Upper

184 100

63 256.1 62.7 94.1#

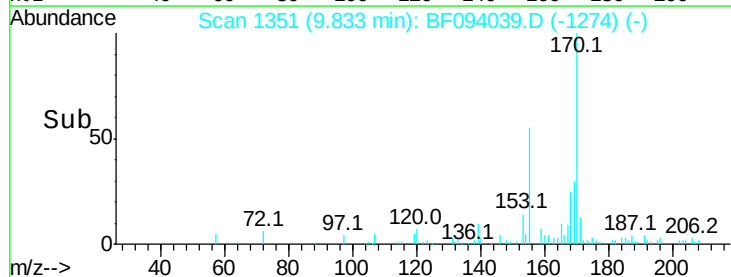
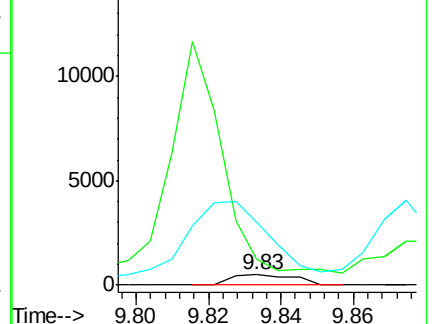
154 608.0 81.1 121.7#

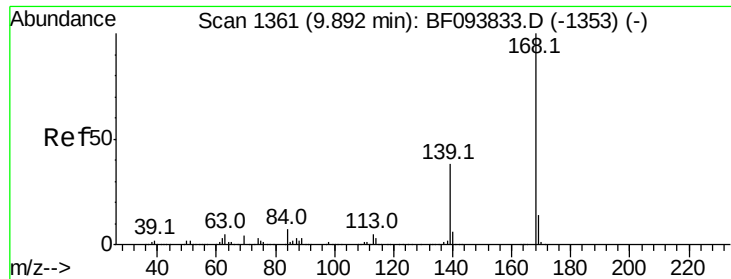


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

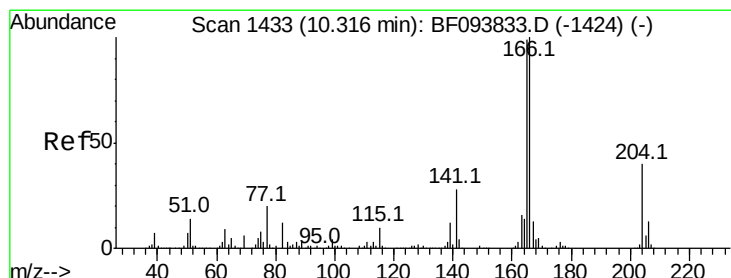
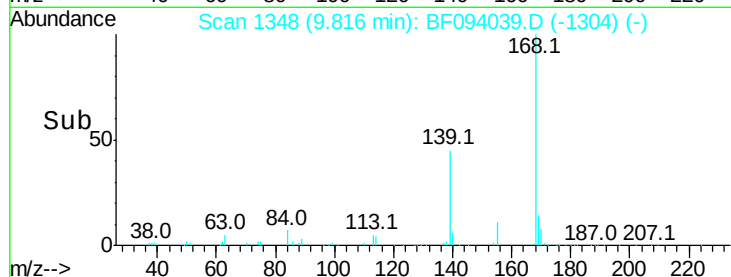
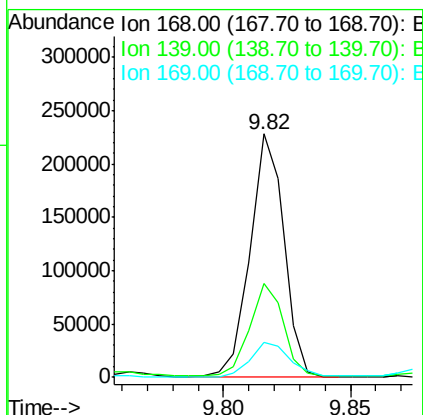
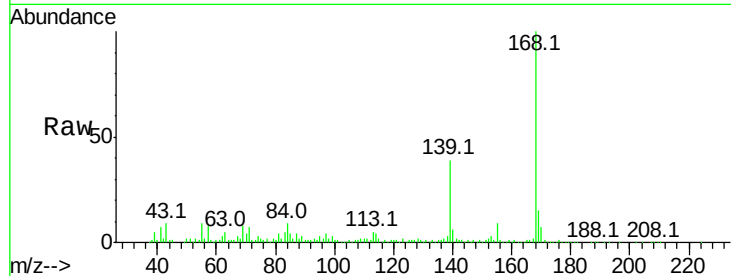




#54
Dibenzofuran
Concen: 10.45 ng
RT: 9.82 min Scan# 1348
Delta R.T. -0.04 min
Lab File: BF094039.D
Acq: 30 Mar 2017 00:46

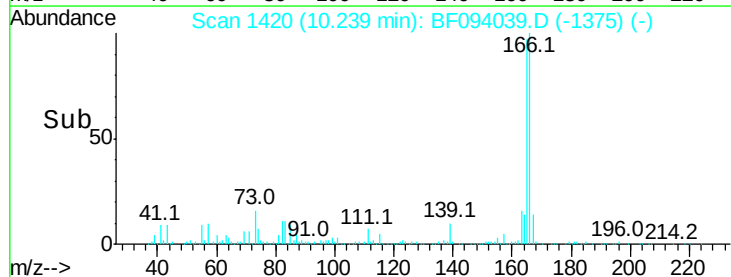
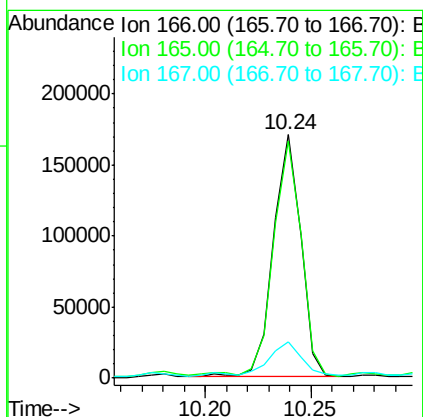
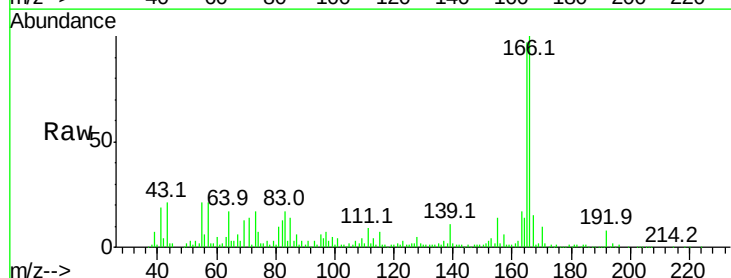
Instrument :
BNA_F
ClientSampleId :
E2-AA9-ESW

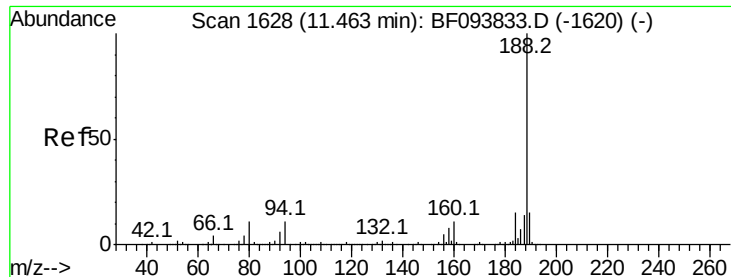
Tot Ion:168 Resp: 211910
Ion Ratio Lower Upper
168 100
139 38.7 30.6 45.8
169 14.5 10.8 16.2



#57
Fluorene
Concen: 9.23 ng
RT: 10.24 min Scan# 1420
Delta R.T. -0.04 min
Lab File: BF094039.D
Acq: 30 Mar 2017 00:46

Tgt Ion:166 Resp: 155167
Ion Ratio Lower Upper
166 100
165 97.5 78.8 118.2
167 14.9 10.6 16.0

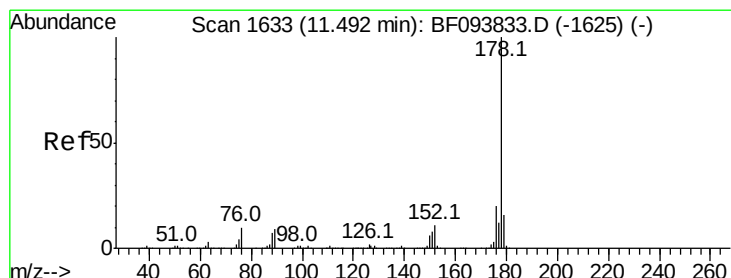
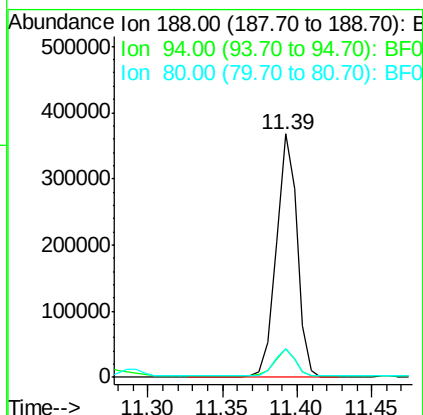
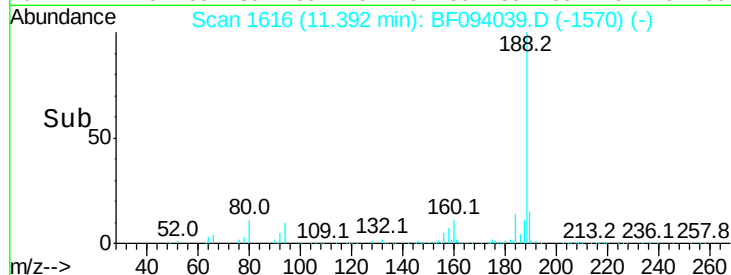
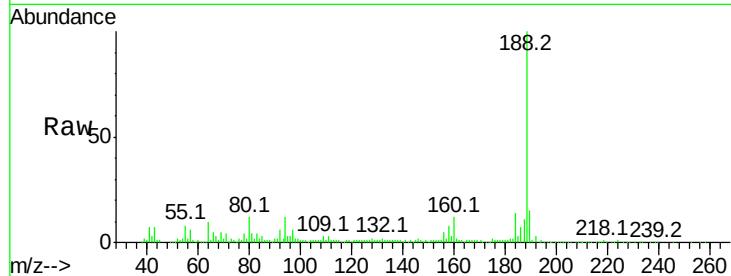




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1616
Delta R.T. -0.03 min
Lab File: BF094039.D
Acq: 30 Mar 2017 00:46

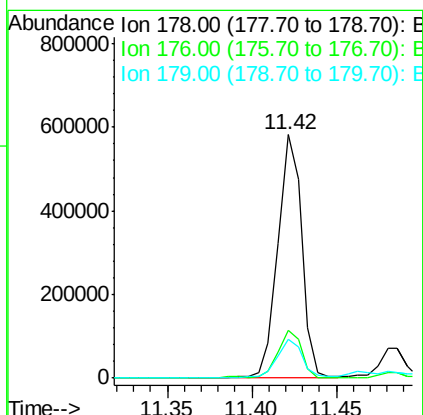
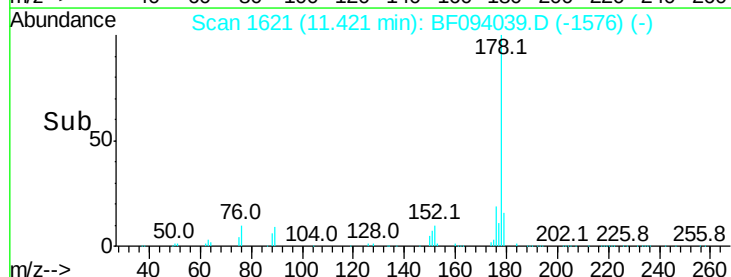
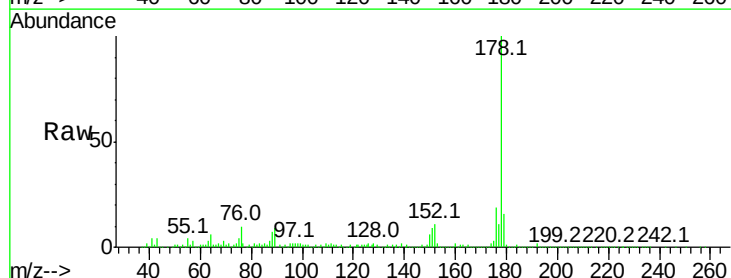
Instrument :
BNA_F
ClientSampleId :
E2-AA9-ESW

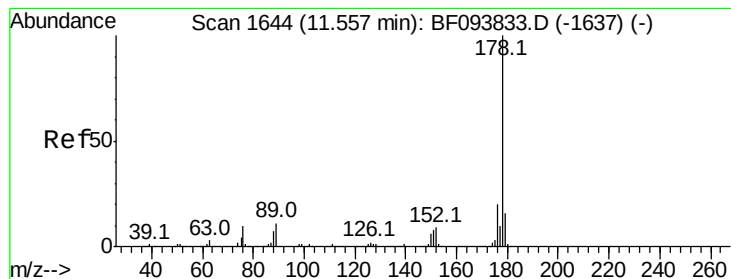
Tot Ion:188 Resp: 359968
Ion Ratio Lower Upper
188 100
94 11.6 9.4 14.2
80 12.0 10.2 15.2



#70
Phenanthrene
Concen: 28.42 ng
RT: 11.42 min Scan# 1621
Delta R.T. -0.04 min
Lab File: BF094039.D
Acq: 30 Mar 2017 00:46

Tgt Ion:178 Resp: 569074
Ion Ratio Lower Upper
178 100
176 19.5 16.2 24.4
179 16.1 12.6 19.0





#71

Anthracene

Concen: 27.60 ng

RT: 11.42 min Scan# 1621

Delta R.T. -0.10 min

Lab File: BF094039.D

Acq: 30 Mar 2017 00:46

Instrument :

BNA_F

ClientSampleId :

E2-AA9-ESW

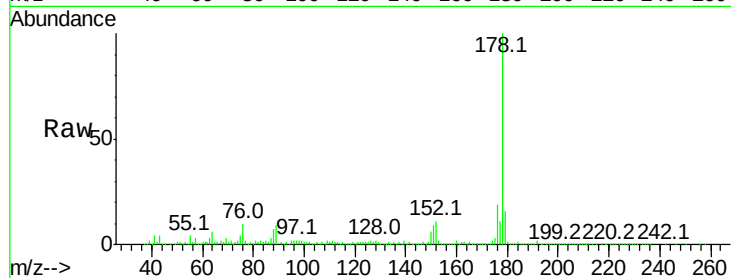
Tot Ion:178 Resp: 569074

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

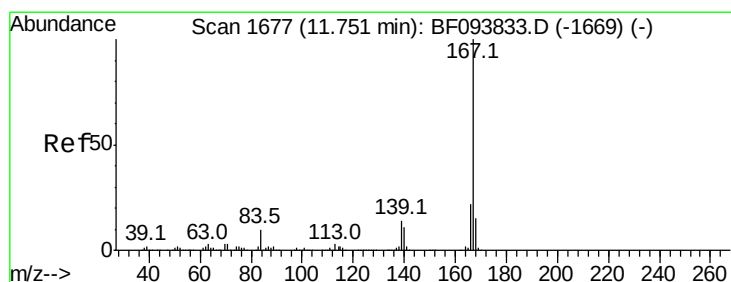
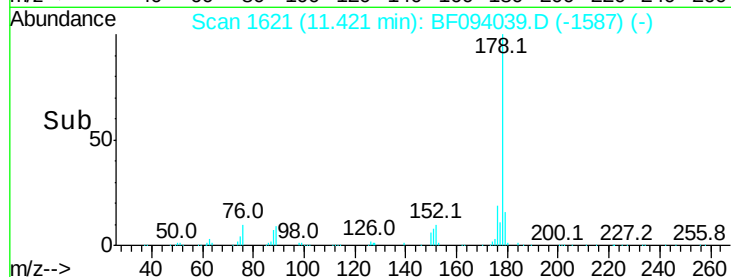
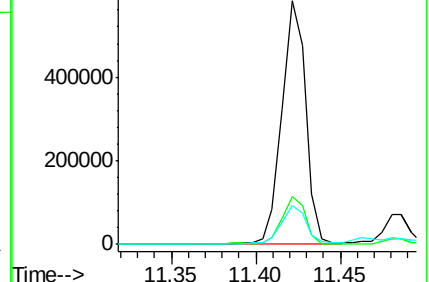
179 16.1 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 2.72 ng

RT: 11.69 min Scan# 1667

Delta R.T. -0.03 min

Lab File: BF094039.D

Acq: 30 Mar 2017 00:46

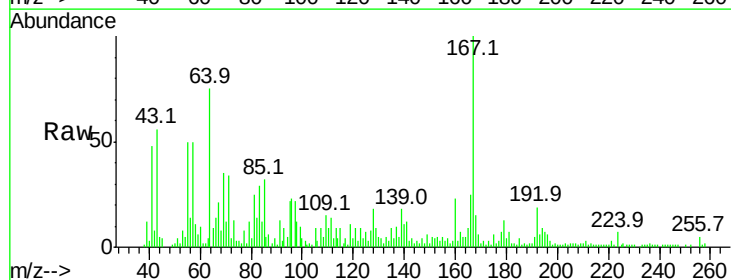
Tgt Ion:167 Resp: 57416

Ion Ratio Lower Upper

167 100

166 25.0 18.1 27.1

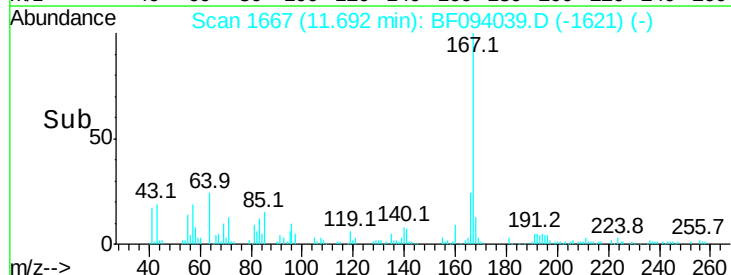
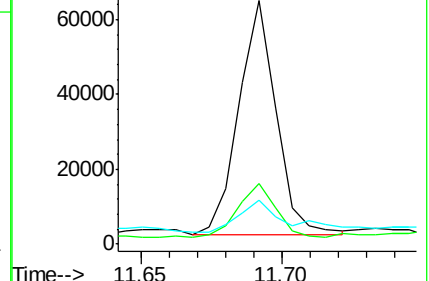
139 17.9 11.7 17.5#

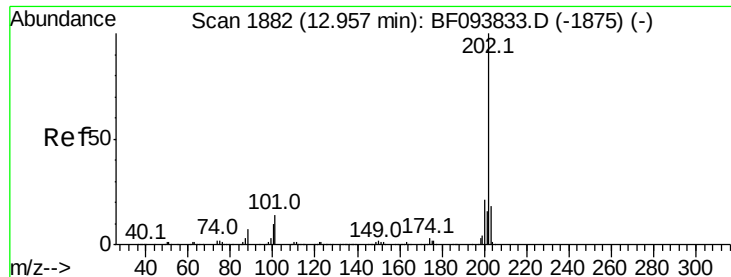


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 14.46 ng

RT: 12.93 min Scan# 1878

Delta R.T. 0.01 min

Lab File: BF094039.D

Acq: 30 Mar 2017 00:46

Instrument :

BNA_F

ClientSampleId :

E2-AA9-ESW

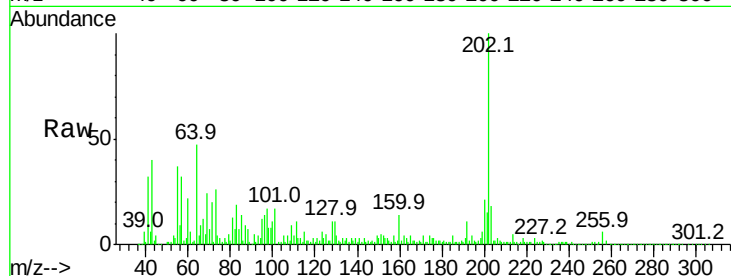
Tot Ion:202 Resp: 296542

Ion Ratio Lower Upper

202 100

101 16.5 0.0 33.2

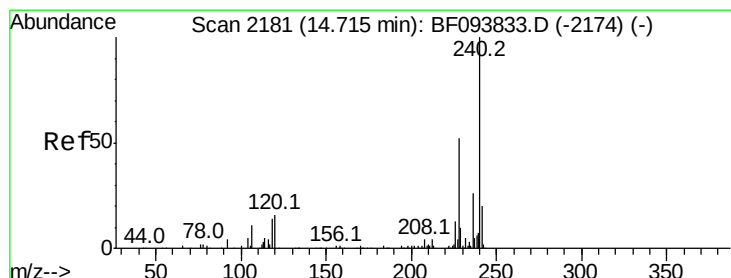
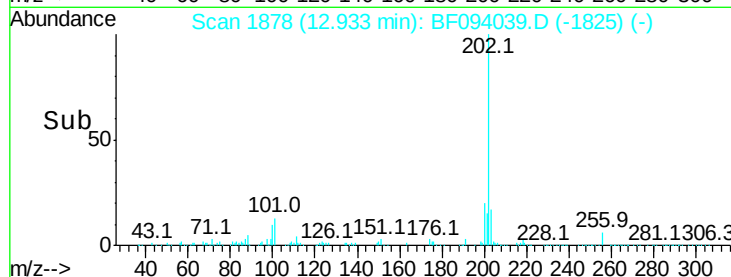
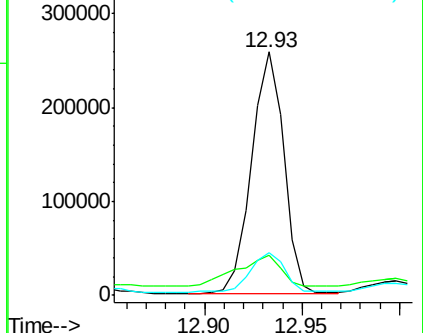
203 17.8 0.0 38.1



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: 14.69 min Scan# 2176

Delta R.T. 0.01 min

Lab File: BF094039.D

Acq: 30 Mar 2017 00:46

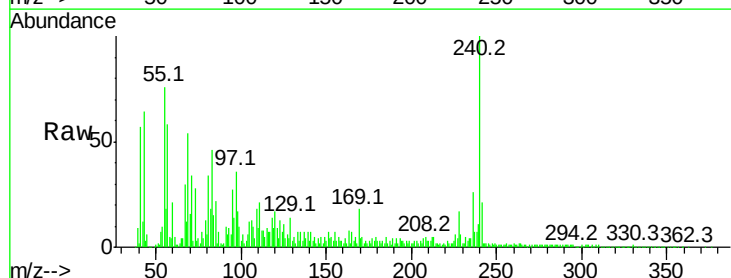
Tgt Ion:240 Resp: 246253

Ion Ratio Lower Upper

240 100

120 16.6 5.8 8.8#

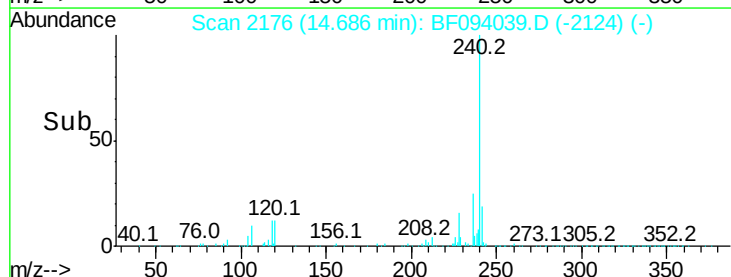
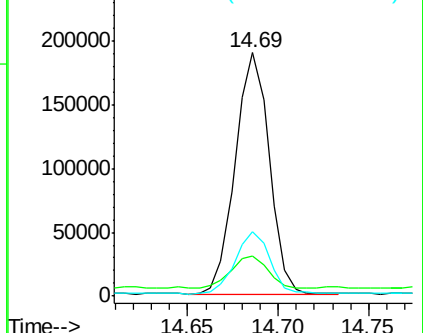
236 26.4 20.5 30.7

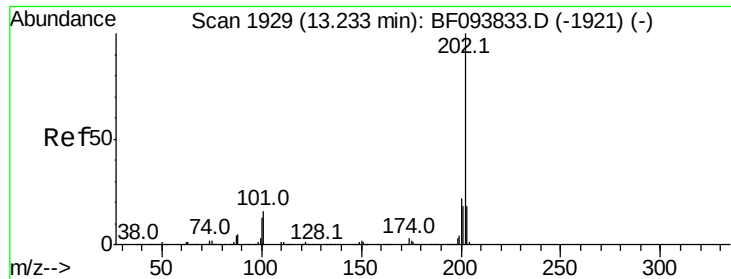


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

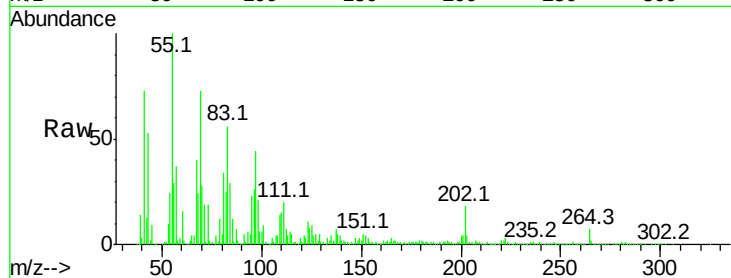




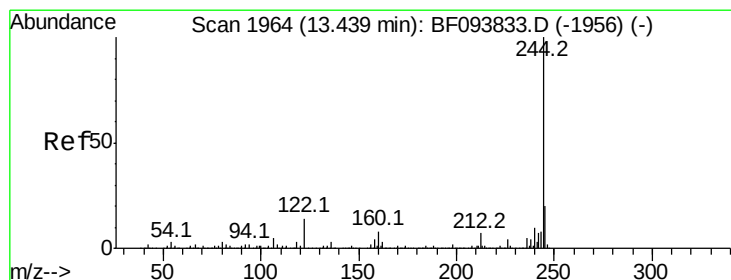
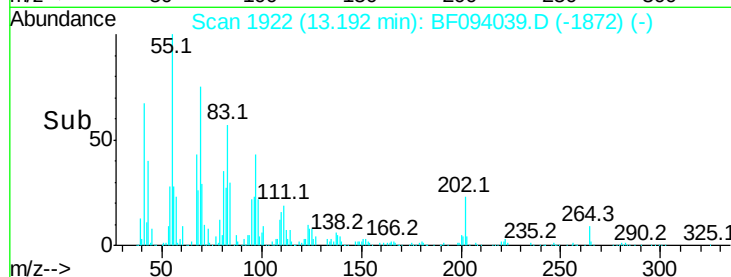
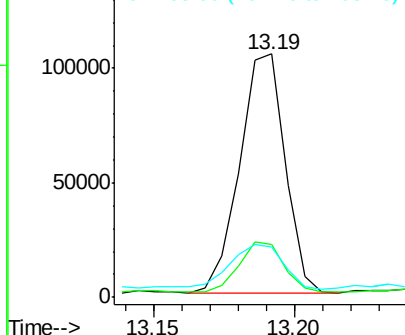
#77
Pvrene
Concen: 6.57 ng
RT: 13.19 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BF094039.D
Acq: 30 Mar 2017 00:46

Instrument :
BNA_F
ClientSampleId :
E2-AA9-ESW

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	20.4	14.4	21.6

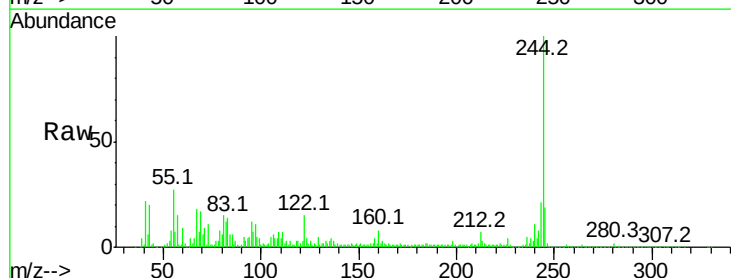


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

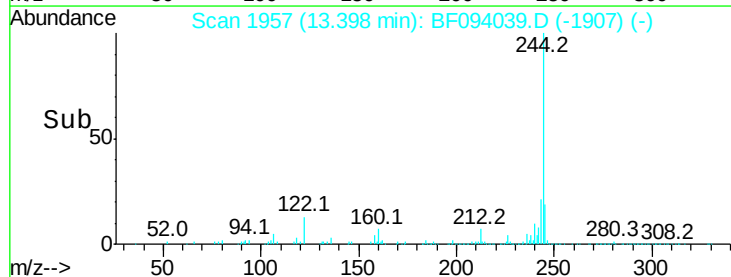
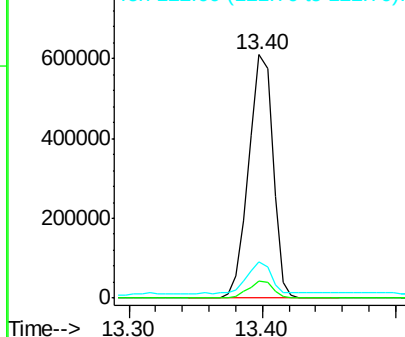


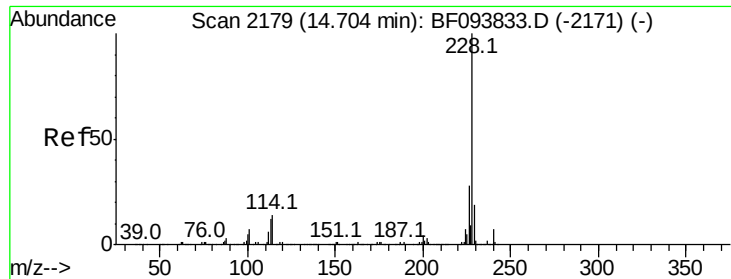
#78
Terphenyl-d14
Concen: 69.22 ng
RT: 13.40 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF094039.D
Acq: 30 Mar 2017 00:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	14.7	10.3	15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

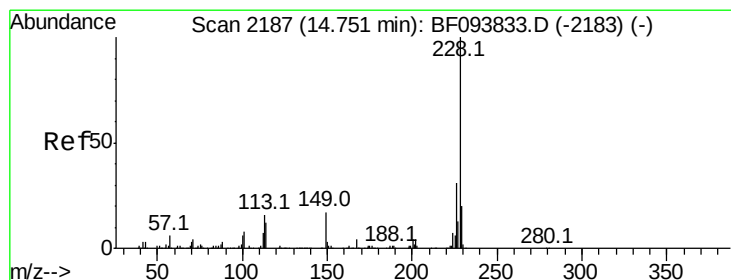
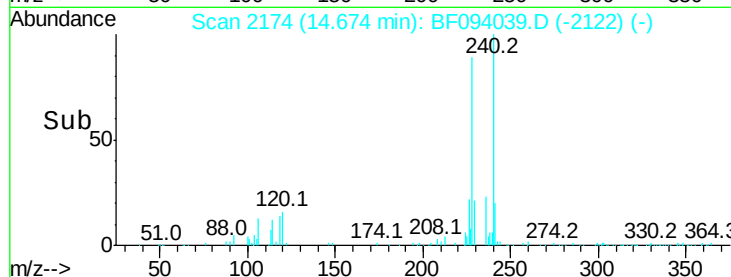
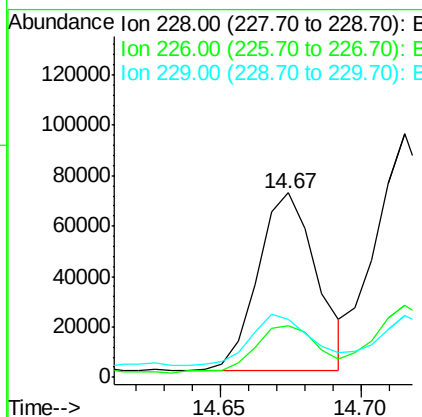
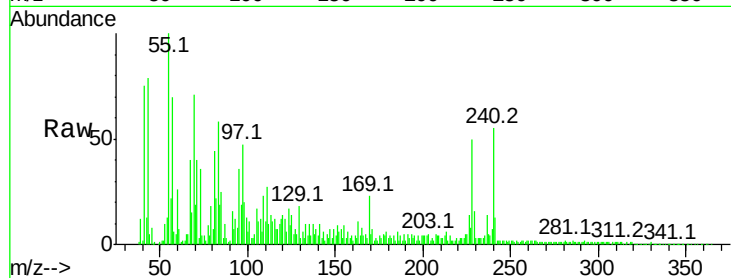




#80
Benzo(a)anthracene
Concen: 7.05 ng
RT: 14.67 min Scan# 2174
Delta R.T. 0.01 min
Lab File: BF094039.D
Acq: 30 Mar 2017 00:46

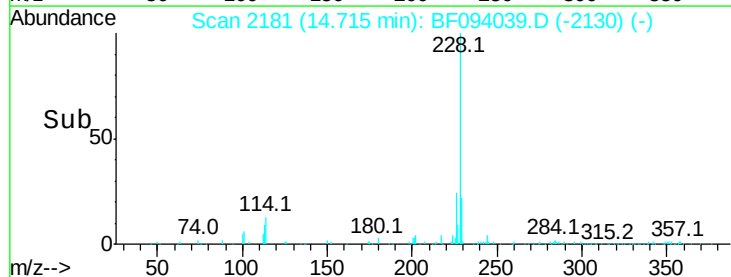
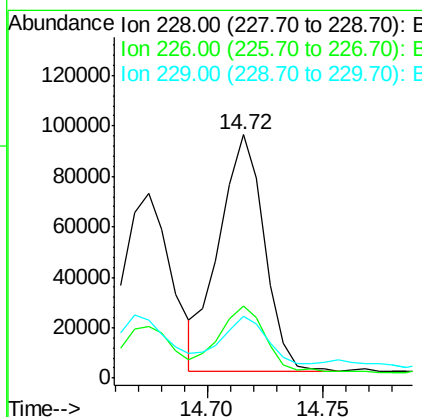
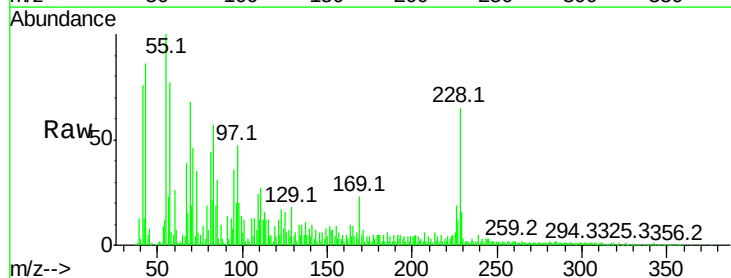
Instrument :
BNA_F
ClientSampleId :
E2-AA9-ESW

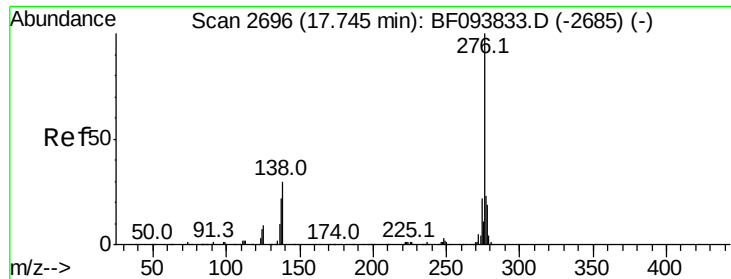
Tot Ion:228 Resp: 101289
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 31.2 16.3 24.5#



#82
Chrysene
Concen: 9.52 ng
RT: 14.72 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BF094039.D
Acq: 30 Mar 2017 00:46

Tgt Ion:228 Resp: 126866
Ion Ratio Lower Upper
228 100
226 29.4 24.9 37.3
229 25.4 15.8 23.6#

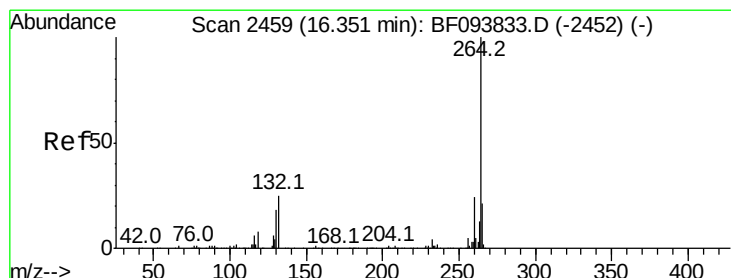
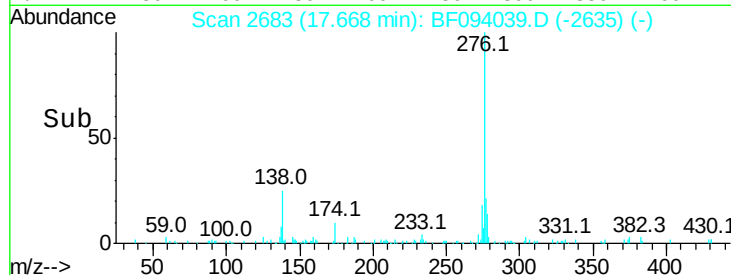
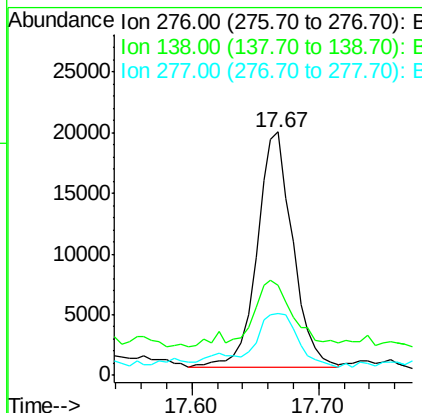
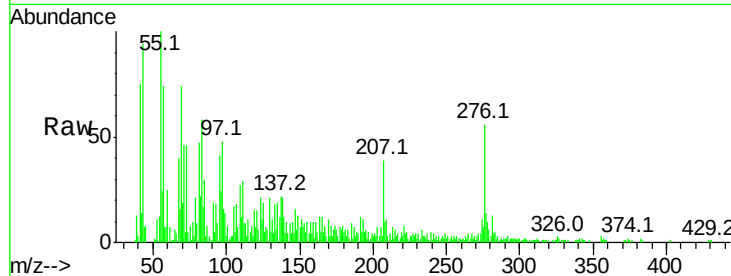




#85
Indeno(1,2,3-cd)pyrene
Concen: 3.27 ng
RT: 17.67 min Scan# 2683
Delta R.T. -0.02 min
Lab File: BF094039.D
Acq: 30 Mar 2017 00:46

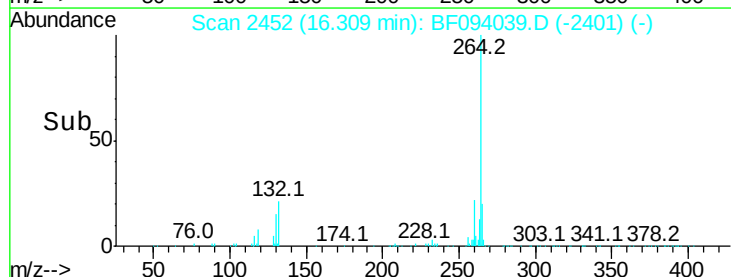
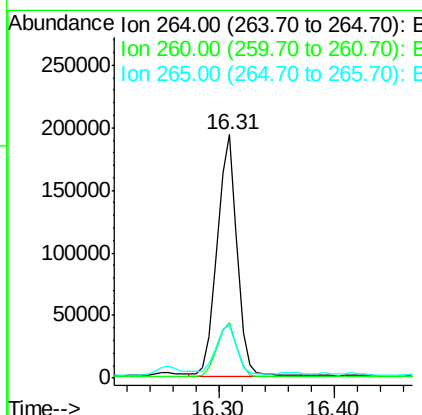
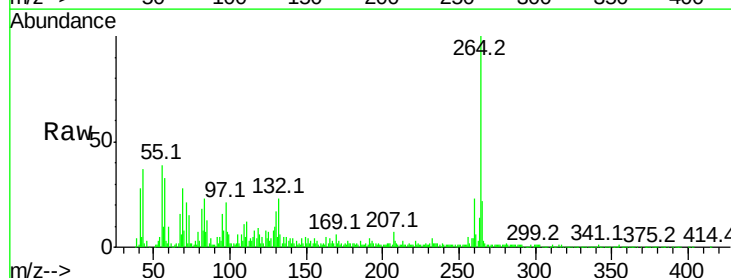
Instrument :
BNA_F
ClientSampleId :
E2-AA9-ESW

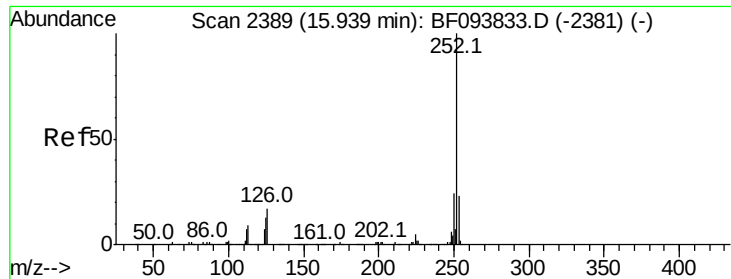
Tot Ion:276 Resp: 37750
Ion Ratio Lower Upper
276 100
138 26.8 27.8 41.6#
277 26.1 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.31 min Scan# 2452
Delta R.T. -0.00 min
Lab File: BF094039.D
Acq: 30 Mar 2017 00:46

Tgt Ion:264 Resp: 232227
Ion Ratio Lower Upper
264 100
260 22.8 19.5 29.3
265 21.6 17.2 25.8

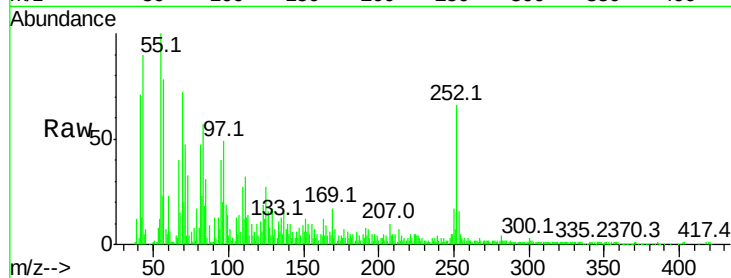




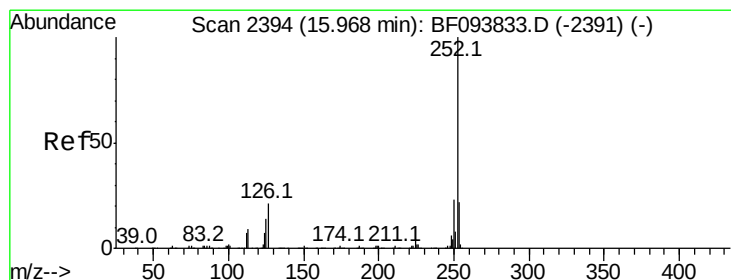
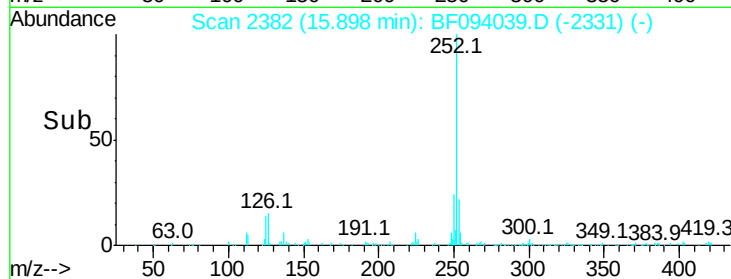
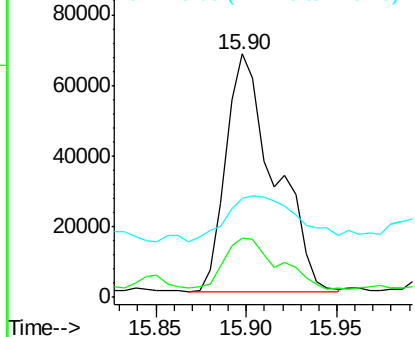
#87
Benzo(b)fluoranthene
Concen: 8.81 ng
RT: 15.90 min Scan# 2382
Delta R.T. 0.00 min
Lab File: BF094039.D
Acq: 30 Mar 2017 00:46

Instrument :
BNA_F
ClientSampleId :
E2-AA9-ESW

Tot Ion:252 Resp: 125365
Ion Ratio Lower Upper
252 100
253 24.4 18.1 27.1
125 40.5 9.8 14.8#

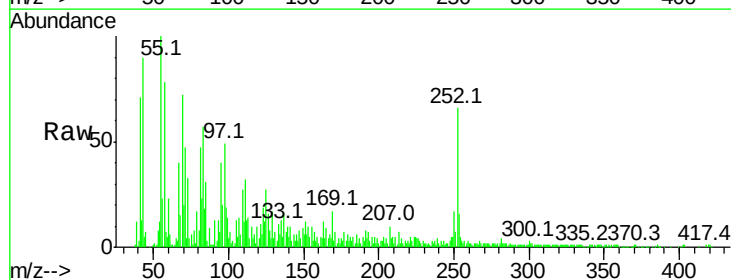


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

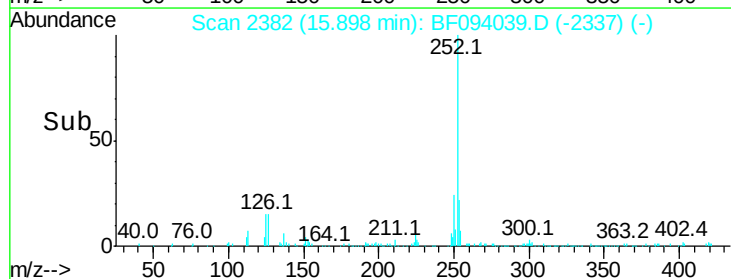
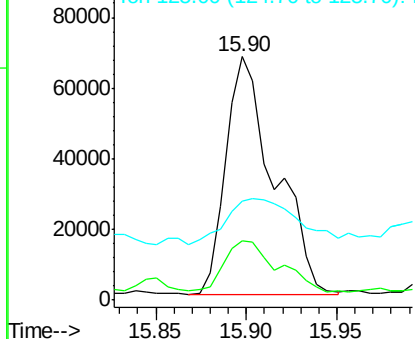


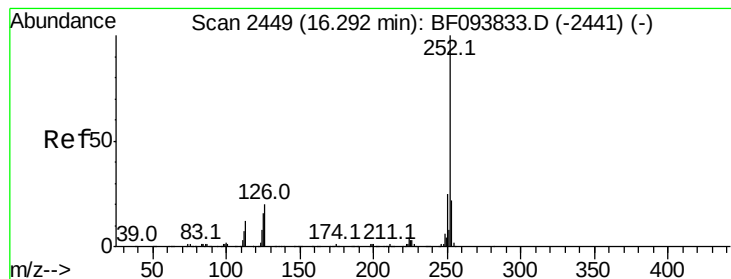
#88
Benzo(k)fluoranthene
Concen: 9.00 ng
RT: 15.90 min Scan# 2382
Delta R.T. -0.04 min
Lab File: BF094039.D
Acq: 30 Mar 2017 00:46

Tgt Ion:252 Resp: 125365
Ion Ratio Lower Upper
252 100
253 24.4 18.4 27.6
125 40.5 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: 5.42 ng

RT: 16.24 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BF094039.D

Acq: 30 Mar 2017 00:46

Instrument :

BNA_F

ClientSampleId :

E2-AA9-ESW

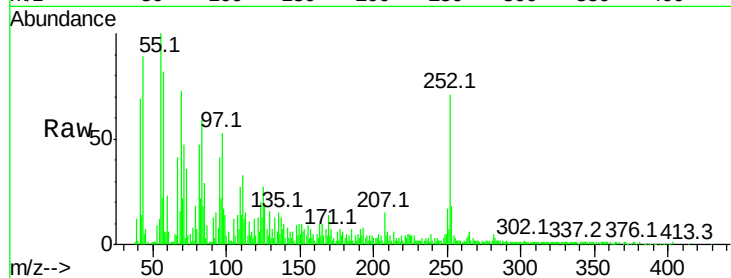
Tot Ion:252 Resp: 71109

Ion Ratio Lower Upper

252 100

253 26.0 17.5 26.3

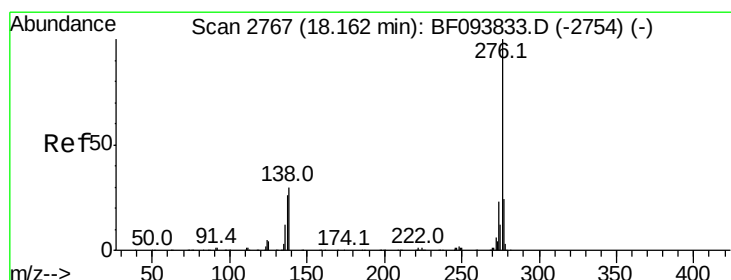
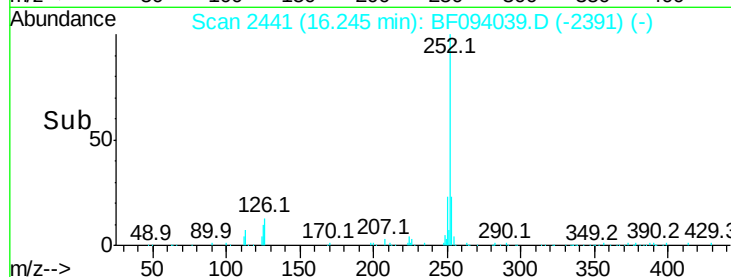
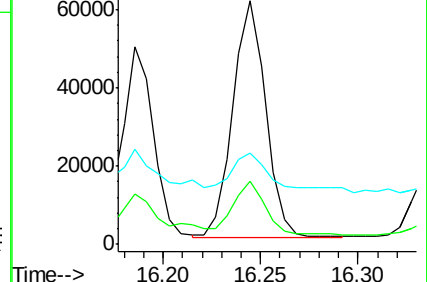
125 37.5 11.0 16.4#



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



#91

Benzo(g,h,i)perylene

Concen: 3.33 ng

RT: 18.07 min Scan# 2751

Delta R.T. -0.03 min

Lab File: BF094039.D

Acq: 30 Mar 2017 00:46

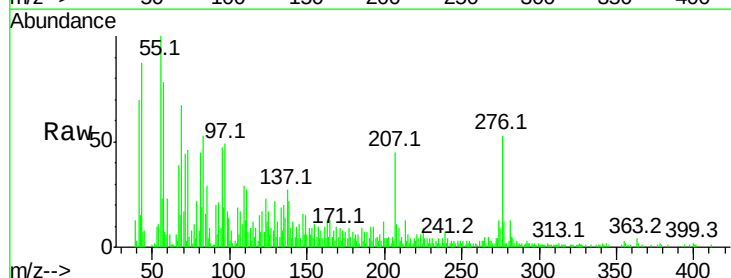
Tgt Ion:276 Resp: 37261

Ion Ratio Lower Upper

276 100

277 22.9 18.6 28.0

138 41.4 25.4 38.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

