

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
 Data File : BF093924.D
 Acq On : 24 Mar 2017 23:25
 Operator : SJ/MA
 Sample : I2367-16 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-CC-DD-9-10-BASE

Quant Time: Mar 25 00:51:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

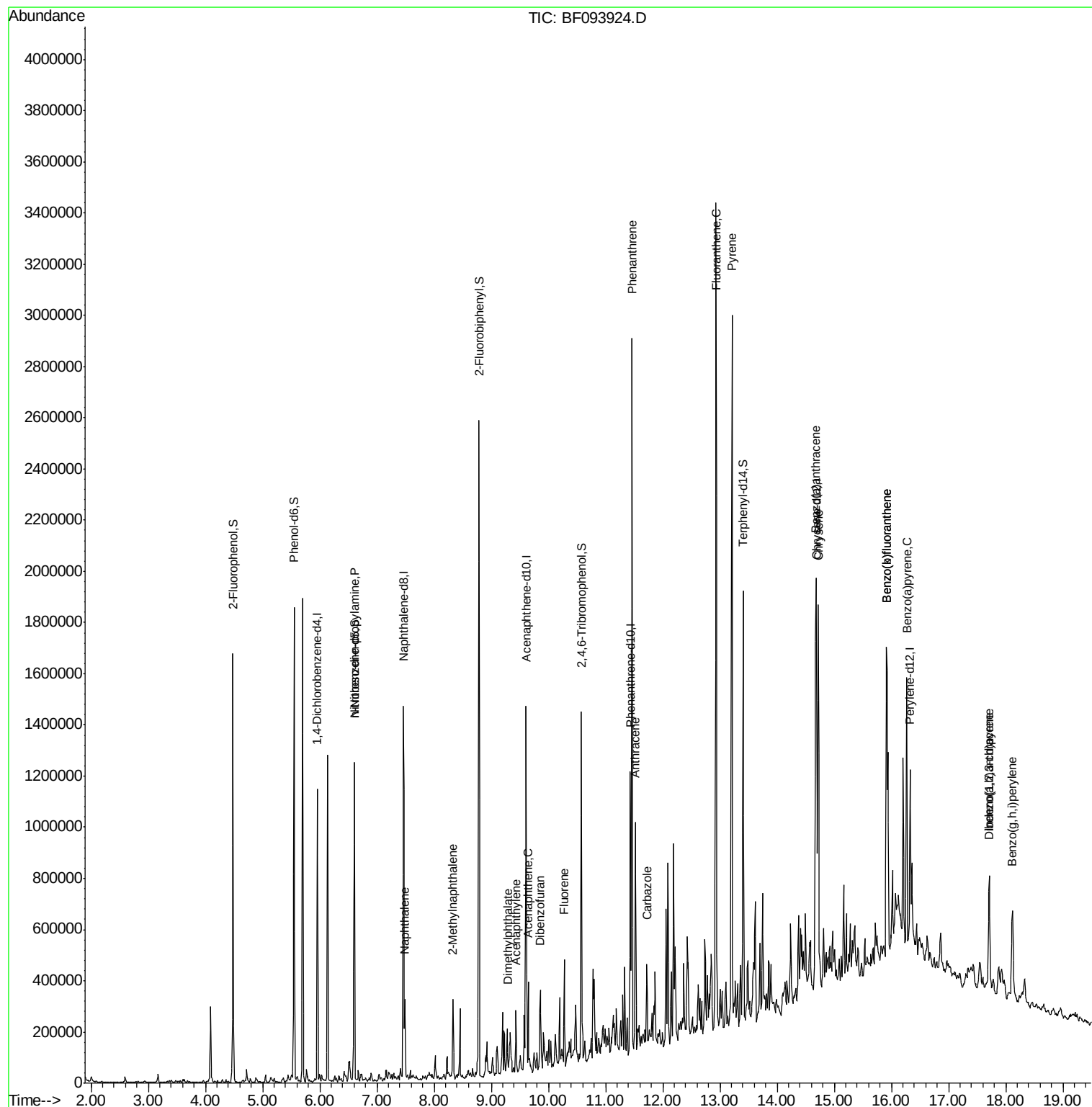
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.96	152	176368	20.00	ng	-0.03
21) Naphthalene-d8	7.46	136	697844	20.00	ng	-0.03
38) Acenaphthene-d10	9.60	164	299393	20.00	ng	-0.04
63) Phenanthrene-d10	11.43	188	450248	20.00	ng	-0.03
75) Chrysene-d12	14.69	240	326147	20.00	ng	-0.02
86) Perylene-d12	16.33	264	290528	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.48	112	461359	44.18	ng	-0.02
7) Phenol-d6	5.55	99	667153	51.65	ng	-0.02
23) Nitrobenzene-d5	6.60	82	391139	31.99	ng	-0.04
41) 2,4,6-Tribromophenol	10.57	330	141729	59.91	ng	-0.04
44) 2-Fluorobiphenyl	8.79	172	840516	42.82	ng	-0.04
78) Terphenyl-d14	13.41	244	562691	38.67	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	6.60	70	52466	6.32	ng	# 75
31) Naphthalene	7.49	128	131244	3.91	ng	98
37) 2-Methylnaphthalene	8.33	142	91268	4.08	ng	98
48) Acenaphthylene	9.43	152	91738	2.92	ng	98
49) Dimethylphthalate	9.28	163	72145	3.39	ng	97
51) Acenaphthene	9.65	154	71598	3.91	ng	100
54) Dibenzofuran	9.86	168	94590	3.79	ng	97
57) Fluorene	10.28	166	90409	4.37	ng	98
70) Phenanthrene	11.46	178	1225513	48.93	ng	99
71) Anthracene	11.52	178	361015	14.00	ng	98
72) Carbazole	11.72	167	128989	4.88	ng	98
74) Fluoranthene	12.93	202	1573525	61.35	ng	99
77) Pyrene	13.21	202	1394758	58.93	ng	99
80) Benzo(a)anthracene	14.68	228	655365	34.46	ng	99
82) Chrysene	14.72	228	628524	35.61	ng	98
85) Indeno(1,2,3-cd)pyrene	17.71	276	280700	18.36	ng	95
87) Benzo(b)fluoranthene	15.92	252	967549	54.33	ng	# 97
88) Benzo(k)fluoranthene	15.92	252	967549	55.53	ng	99
89) Benzo(a)pyrene	16.27	252	488833	29.81	ng	98
90) Dibenzo(a,h)anthracene	17.72	278	73905	5.32	ng	# 88
91) Benzo(g,h,i)perylene	18.12	276	255012	18.22	ng	98

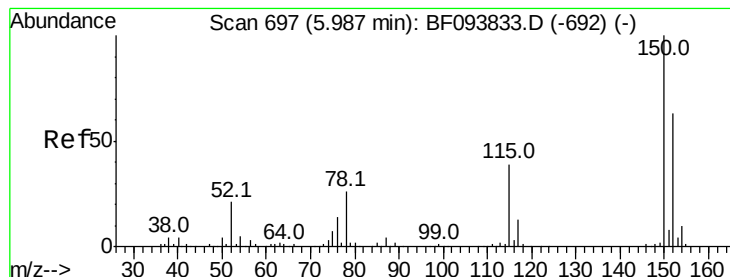
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.96 min Scan# 692

Delta R.T. -0.03 min

Lab File: BF093924.D

Acq: 24 Mar 2017 23:25

Instrument :

BNA_F

ClientSampleId :

E2-CC-DD-9-10-BASE

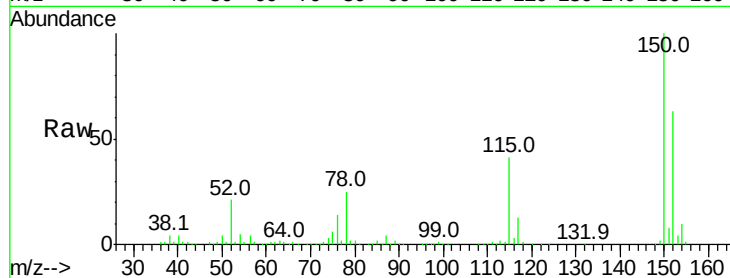
Tot Ion:152 Resp: 176368

Ion Ratio Lower Upper

152 100

150 158.1 126.2 189.2

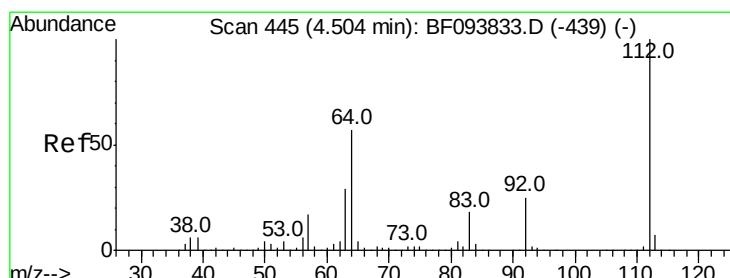
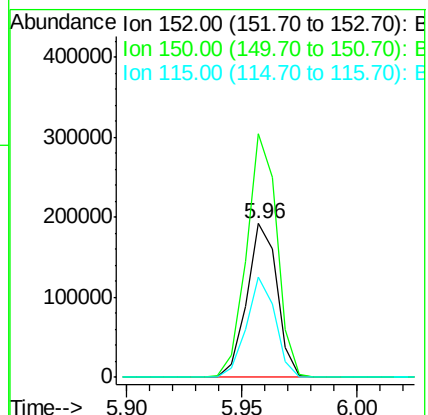
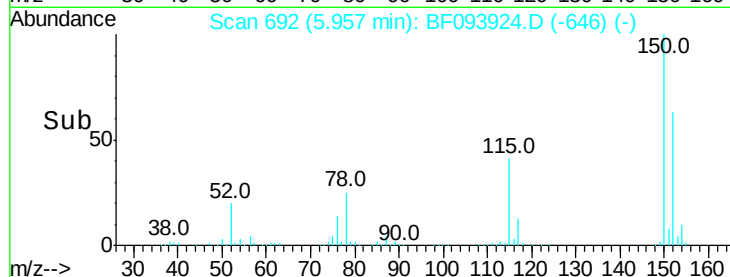
115 65.2 52.2 78.2



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: 44.18 ng

RT: 4.48 min Scan# 441

Delta R.T. -0.02 min

Lab File: BF093924.D

Acq: 24 Mar 2017 23:25

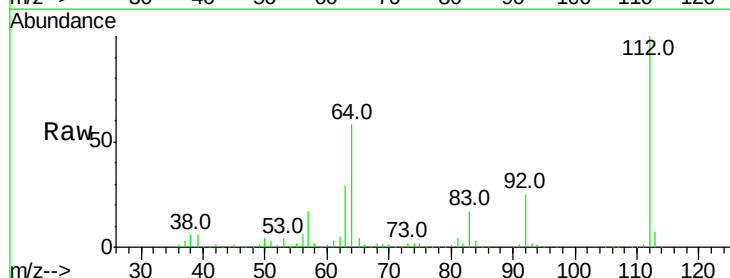
Tgt Ion:112 Resp: 461359

Ion Ratio Lower Upper

112 100

64 58.3 46.0 69.0

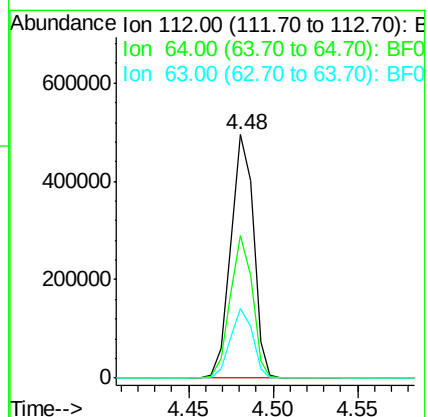
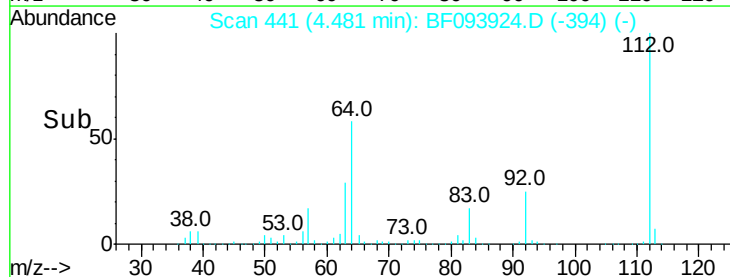
63 28.6 23.4 35.0

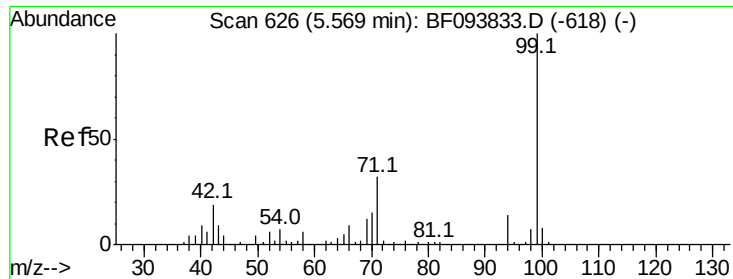


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 51.65 ng

RT: 5.55 min Scan# 623

Delta R.T. -0.02 min

Lab File: BF093924.D

Acq: 24 Mar 2017 23:25

Instrument :

BNA_F

ClientSampleId :

E2-CC-DD-9-10-BASE

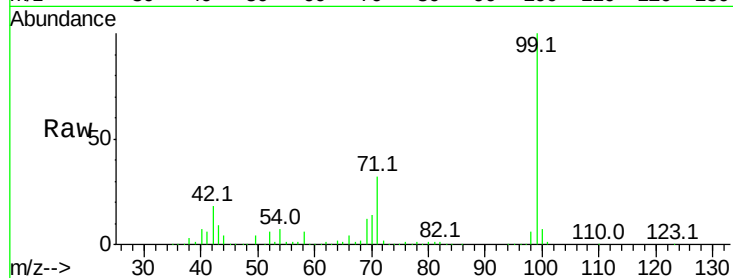
Tot Ion: 99 Resp: 667153

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

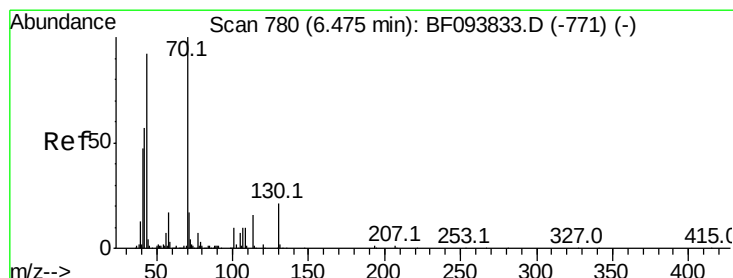
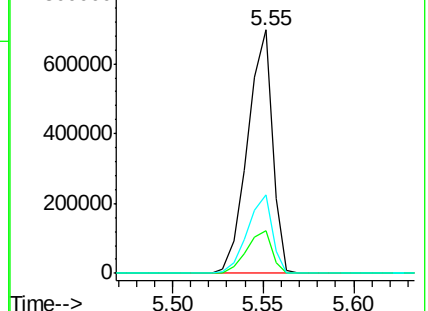
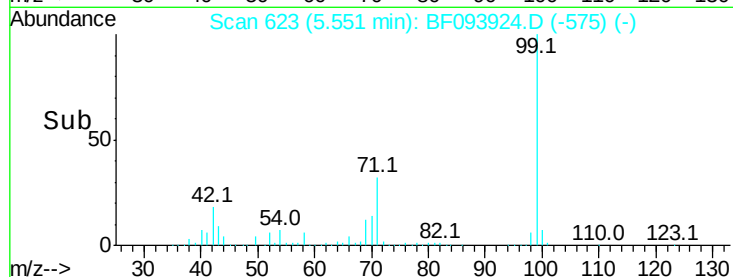
71 32.0 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 6.32 ng

RT: 6.60 min Scan# 802

Delta R.T. 0.13 min

Lab File: BF093924.D

Acq: 24 Mar 2017 23:25

Tgt Ion: 70 Resp: 52466

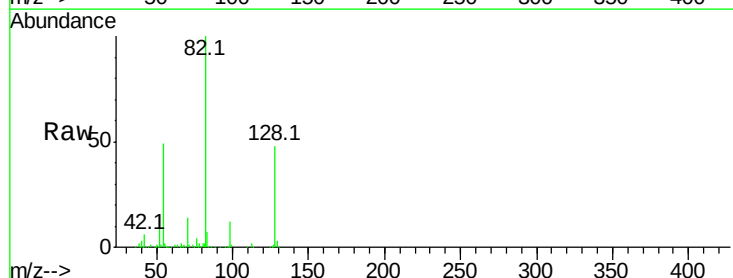
Ion Ratio Lower Upper

70 100

42 43.8 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

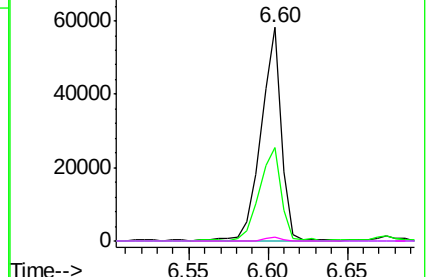
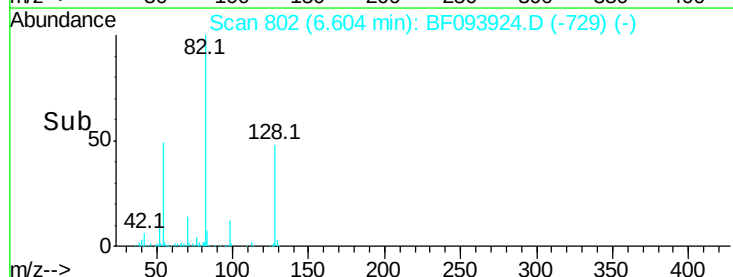


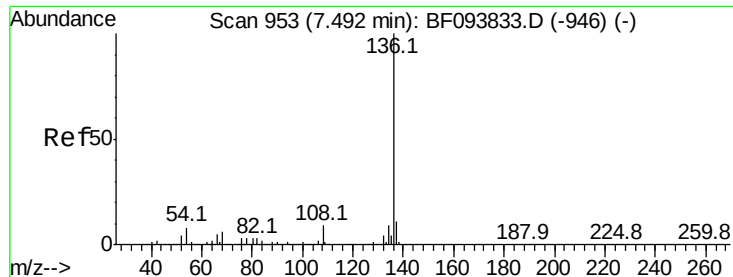
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.46 min Scan# 948

Delta R.T. -0.03 min

Lab File: BF093924.D

Acq: 24 Mar 2017 23:25

Instrument :

BNA_F

ClientSampleId :

E2-CC-DD-9-10-BASE

Tot Ion:136 Resp: 697844

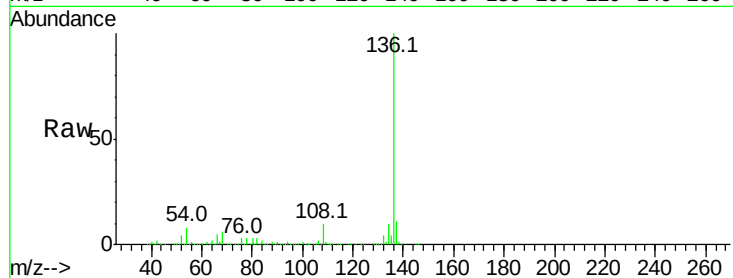
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.7 4.9 7.3#

68 6.3 4.1 6.1#

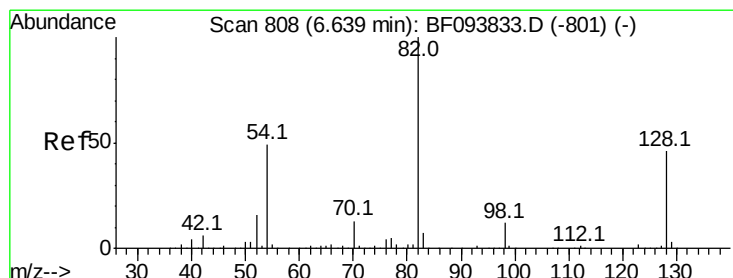
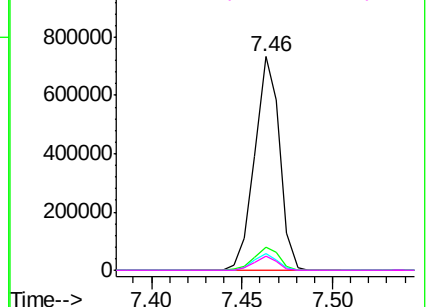
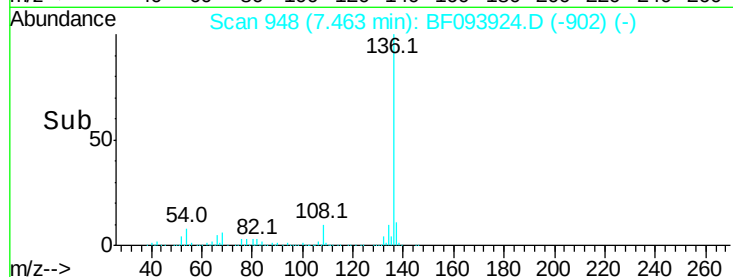


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 31.99 ng

RT: 6.60 min Scan# 802

Delta R.T. -0.04 min

Lab File: BF093924.D

Acq: 24 Mar 2017 23:25

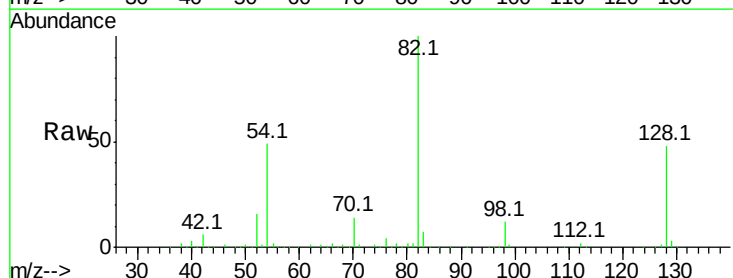
Tgt Ion: 82 Resp: 391139

Ion Ratio Lower Upper

82 100

128 47.5 34.0 51.0

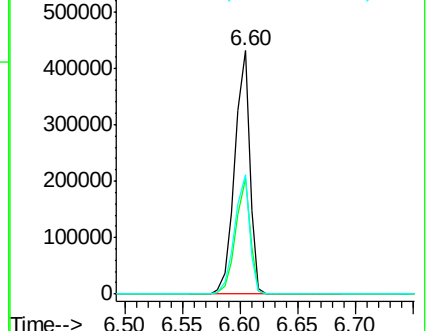
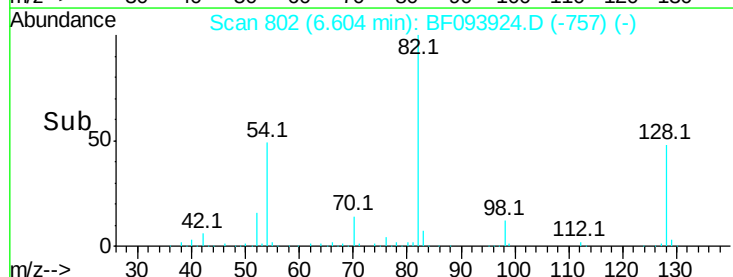
54 49.3 42.2 63.2

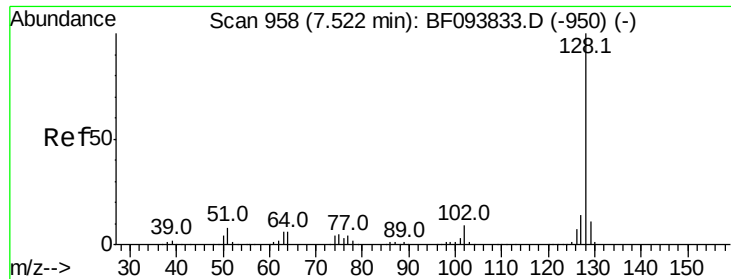


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

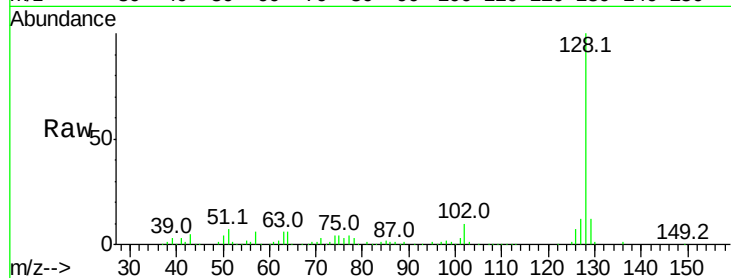




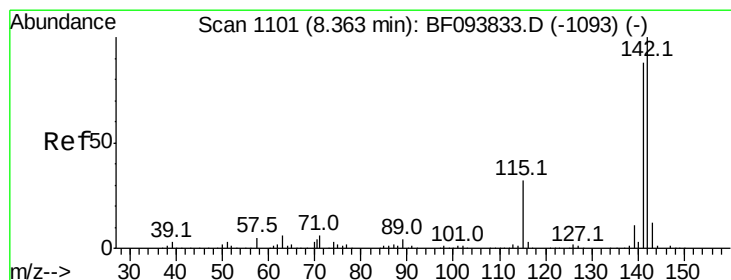
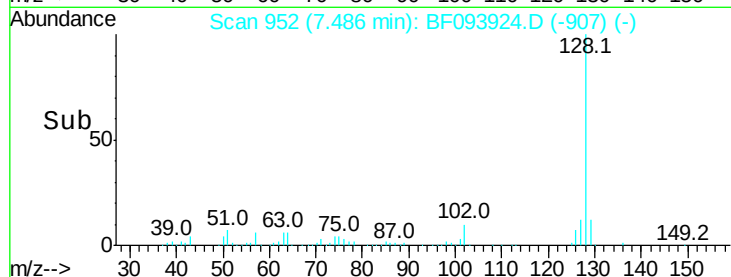
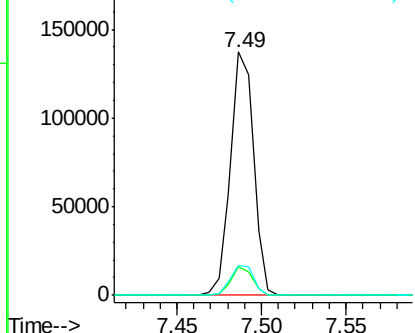
#31
Naphthalene
Concen: 3.91 ng
RT: 7.49 min Scan# 952
Delta R.T. -0.04 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-9-10-BASE

Tot Ion:128 Resp: 131244
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 12.5 10.8 16.2

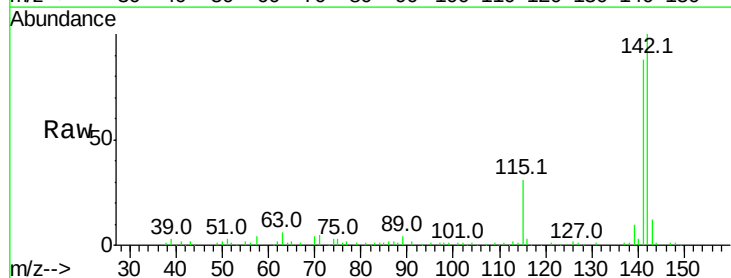


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

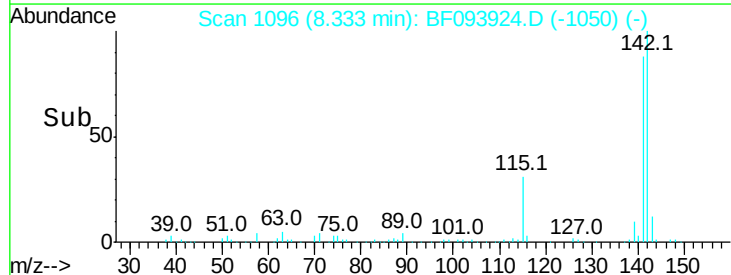
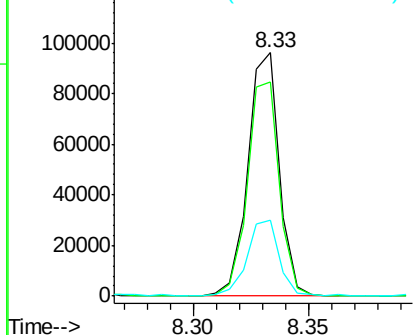


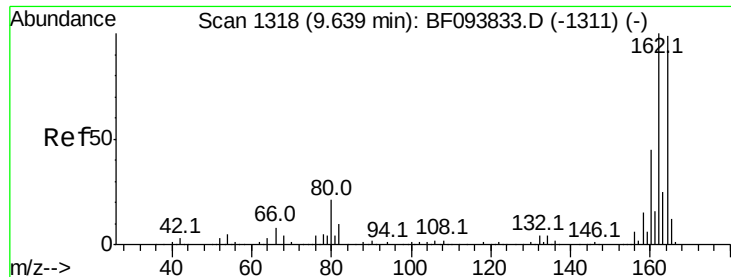
#37
2-Methylnaphthalene
Concen: 4.08 ng
RT: 8.33 min Scan# 1096
Delta R.T. -0.03 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Tgt Ion:142 Resp: 91268
Ion Ratio Lower Upper
142 100
141 87.9 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

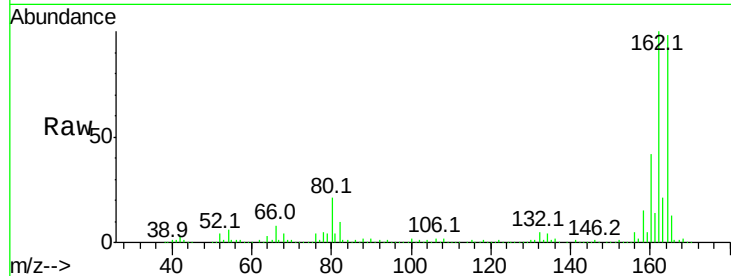




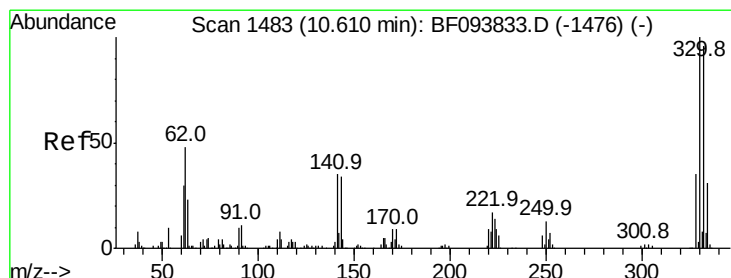
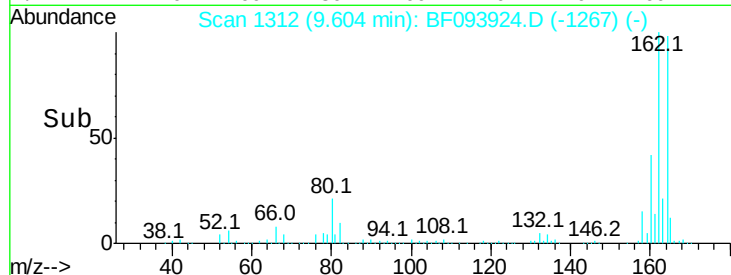
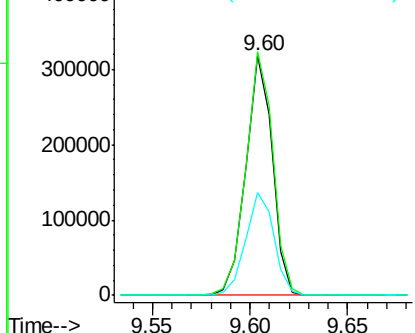
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 1312
Delta R.T. -0.04 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-9-10-BASE

Tot Ion:164 Resp: 299393
Ion Ratio Lower Upper
164 100
162 101.6 82.6 123.8
160 43.0 36.2 54.2

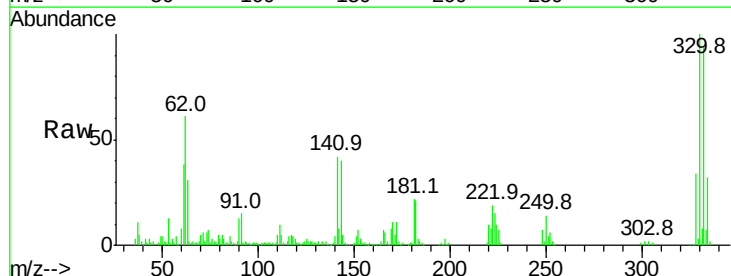


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

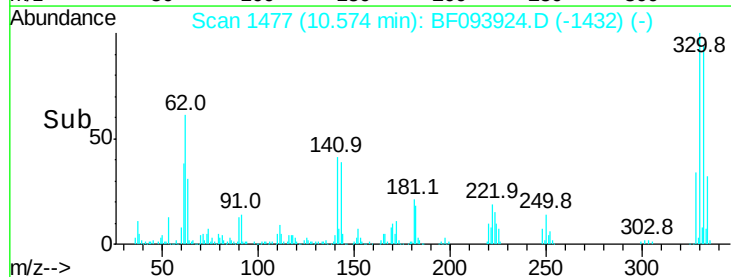
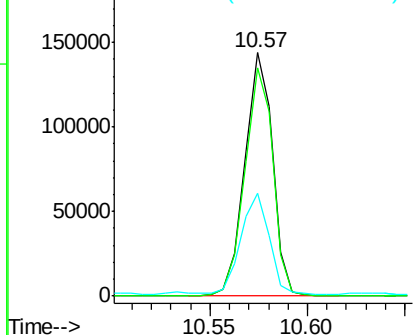


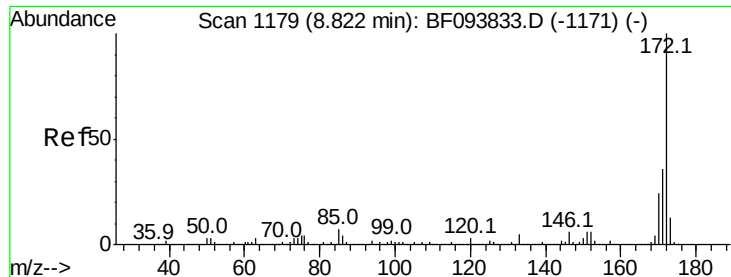
#41
2,4,6-Tribromophenol
Concen: 59.91 ng
RT: 10.57 min Scan# 1477
Delta R.T. -0.04 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Tgt Ion:330 Resp: 141729
Ion Ratio Lower Upper
330 100
332 94.8 76.6 115.0
141 42.6 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

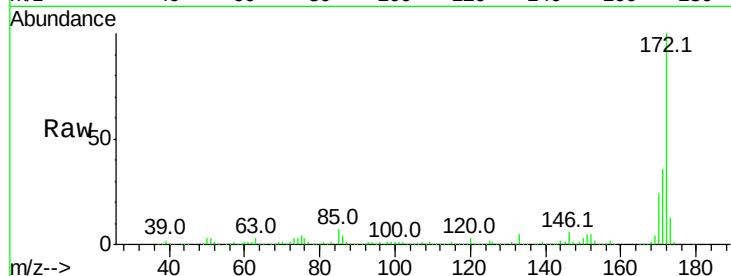




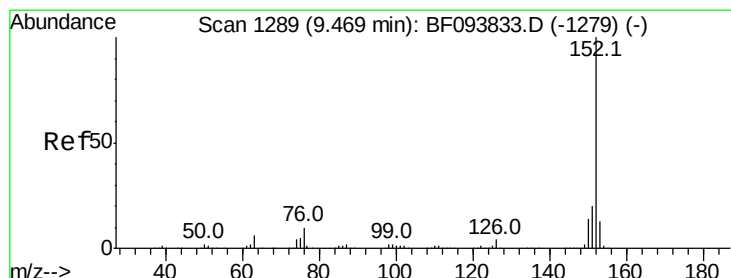
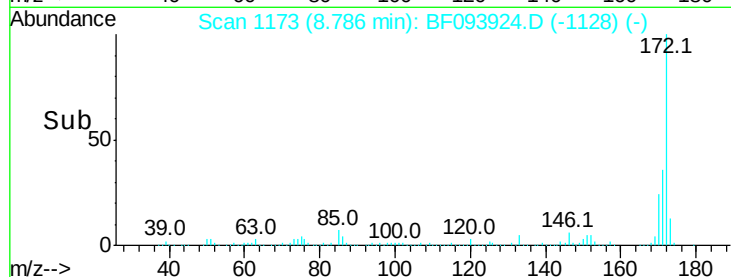
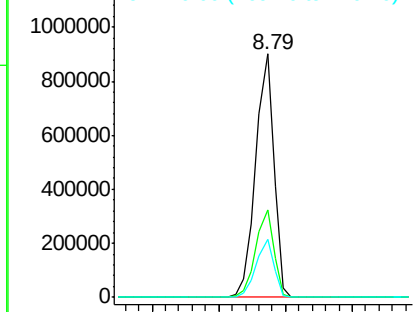
#44
2-Fluorobiphenyl
Concen: 42.82 ng
RT: 8.79 min Scan# 1173
Delta R.T. -0.04 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-9-10-BASE

Tot Ion:172 Resp: 840516
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.6 19.8 29.8

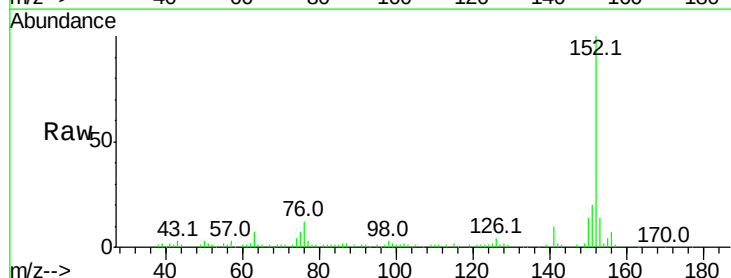


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

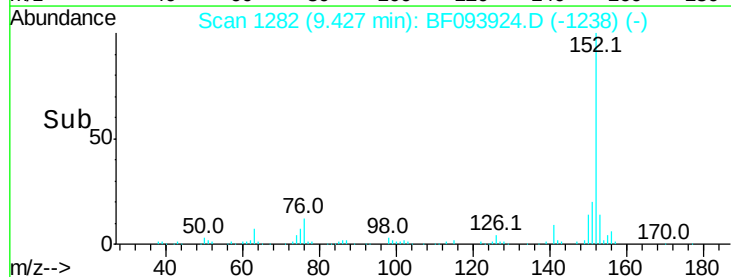
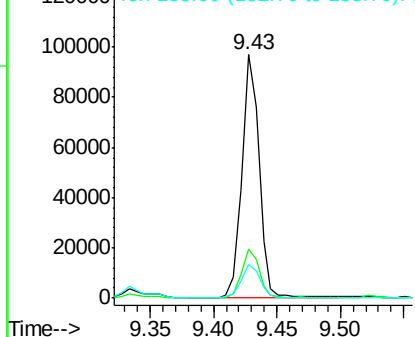


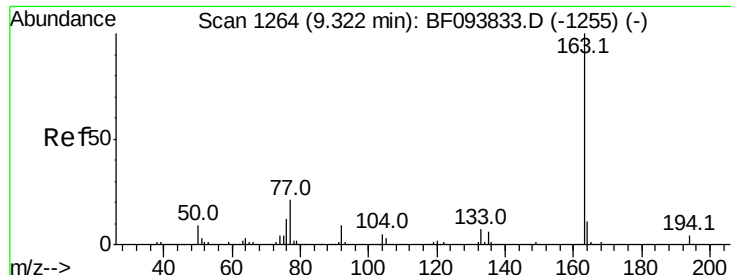
#48
Acenaphthylene
Concen: 2.92 ng
RT: 9.43 min Scan# 1282
Delta R.T. -0.04 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Tgt Ion:152 Resp: 91738
Ion Ratio Lower Upper
152 100
151 20.0 16.8 25.2
153 14.0 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

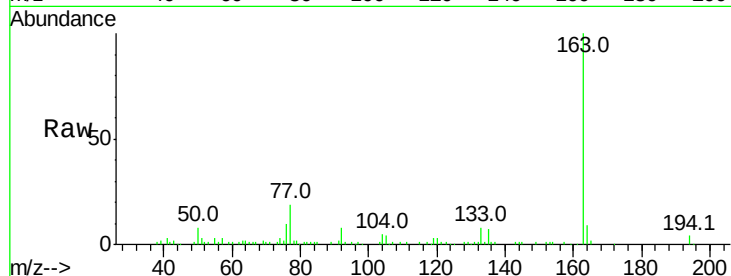




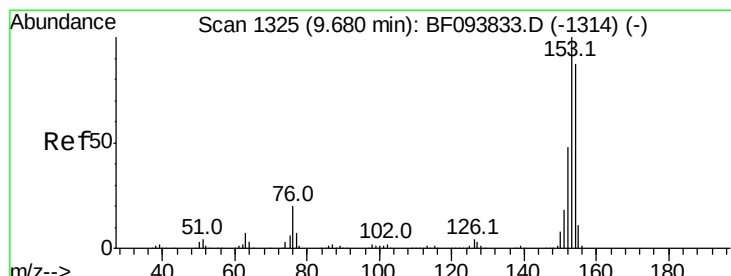
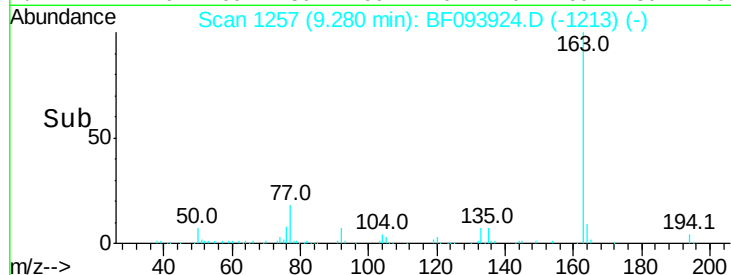
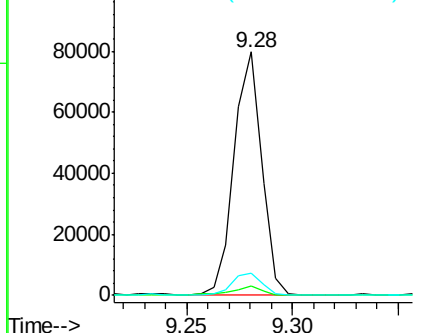
#49
Dimethylphthalate
Concen: 3.39 ng
RT: 9.28 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-9-10-BASE

Tot Ion:163 Resp: 72145
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.2 8.4 12.6

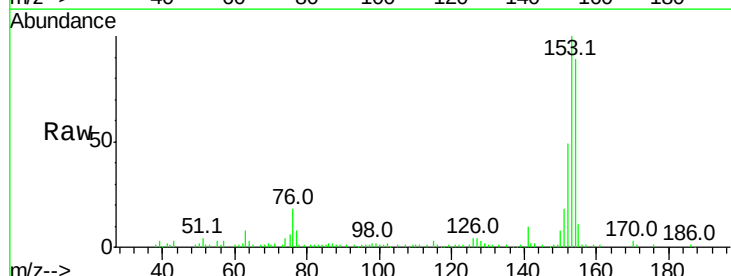


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

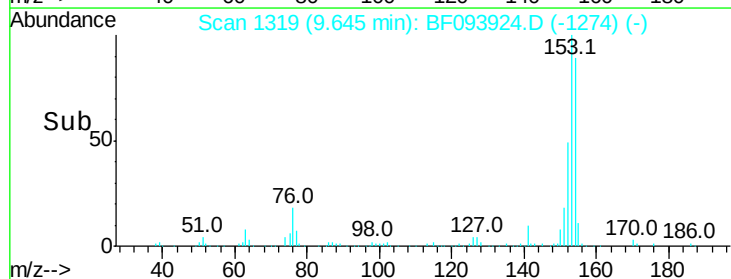
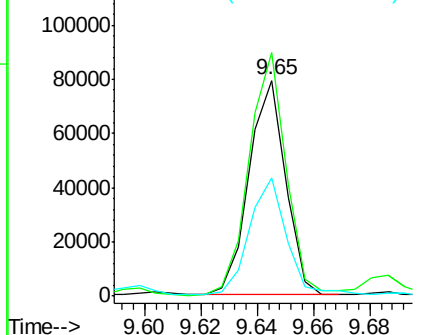


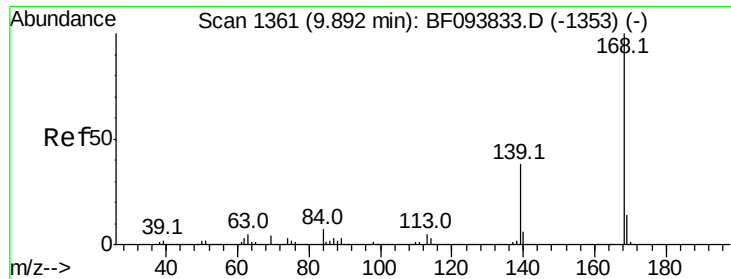
#51
Acenaphthene
Concen: 3.91 ng
RT: 9.65 min Scan# 1319
Delta R.T. -0.04 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Tgt Ion:154 Resp: 71598
Ion Ratio Lower Upper
154 100
153 112.9 90.5 135.7
152 55.1 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

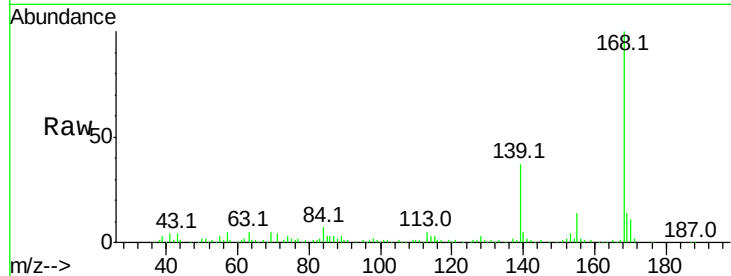




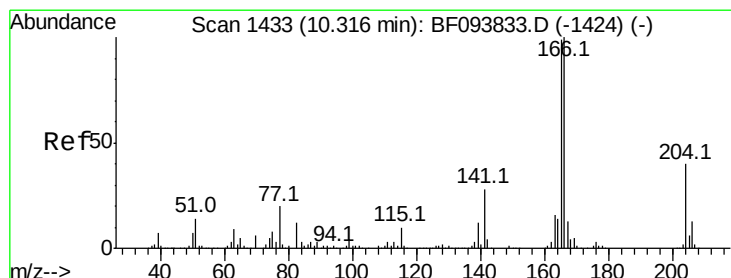
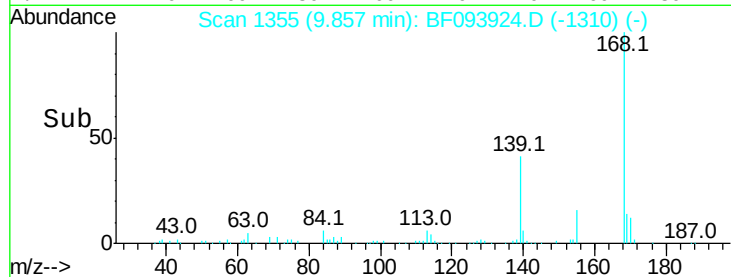
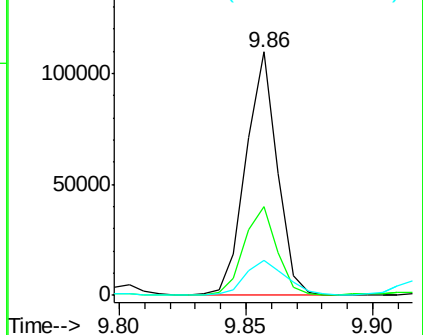
#54
Dibenzofuran
Concen: 3.79 ng
RT: 9.86 min Scan# 1355
Delta R.T. -0.04 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-9-10-BASE

Tot Ion:168 Resp: 94590
Ion Ratio Lower Upper
168 100
139 36.6 30.6 45.8
169 14.4 10.8 16.2

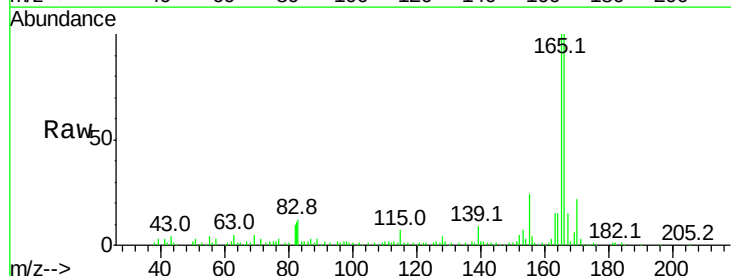


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

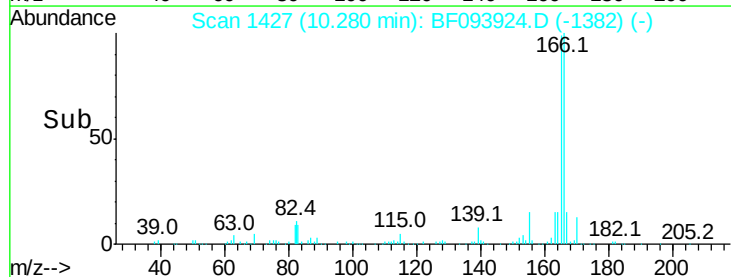
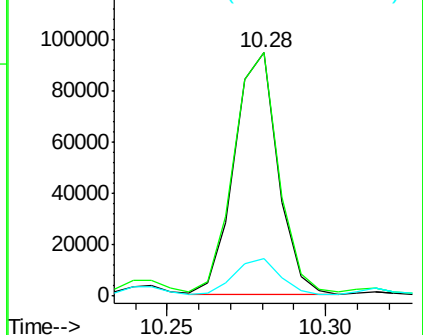


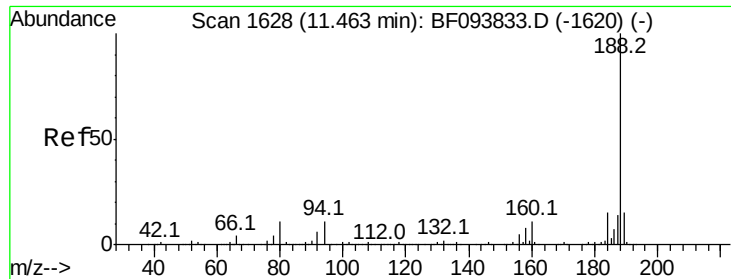
#57
Fluorene
Concen: 4.37 ng
RT: 10.28 min Scan# 1427
Delta R.T. -0.04 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Tgt Ion:166 Resp: 90409
Ion Ratio Lower Upper
166 100
165 100.2 78.8 118.2
167 15.3 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

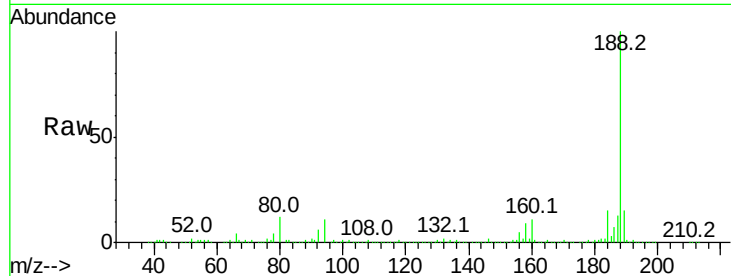




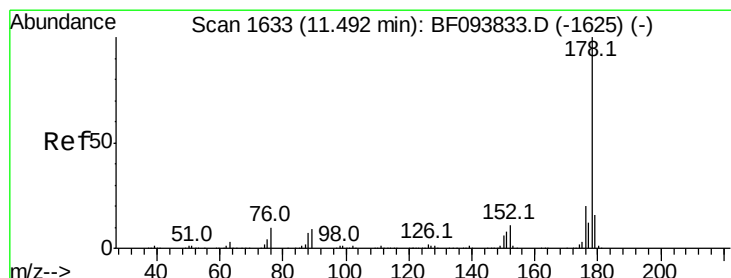
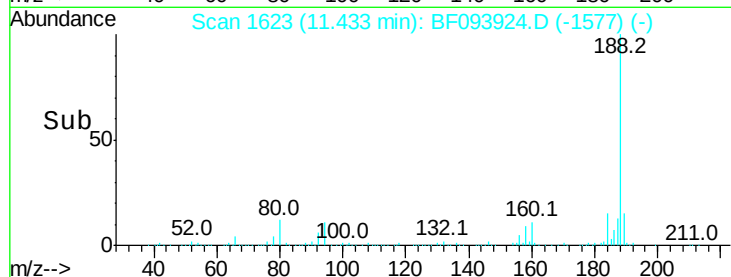
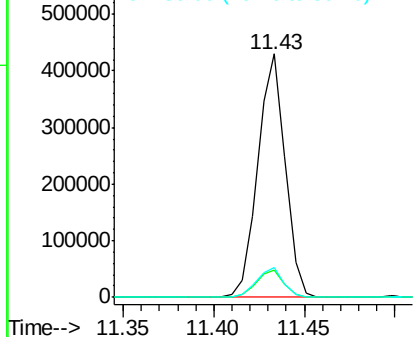
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 1623
Delta R.T. -0.03 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-9-10-BASE

Tot Ion:188 Resp: 450248
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 12.1 10.2 15.2

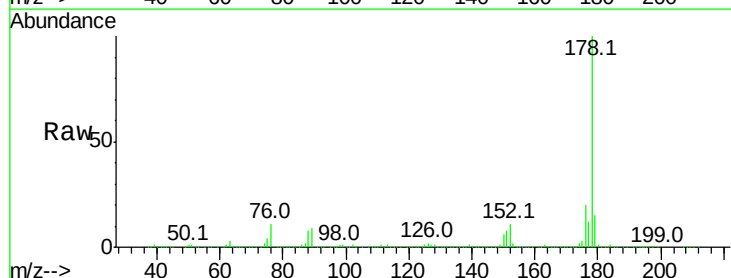


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

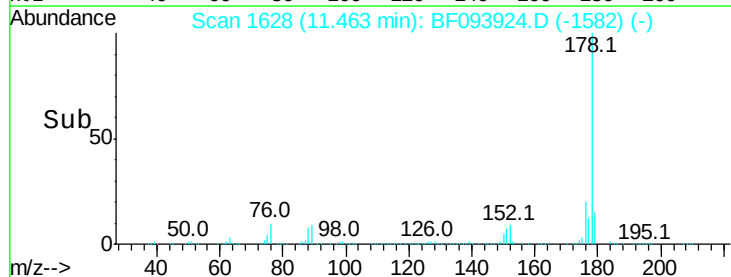
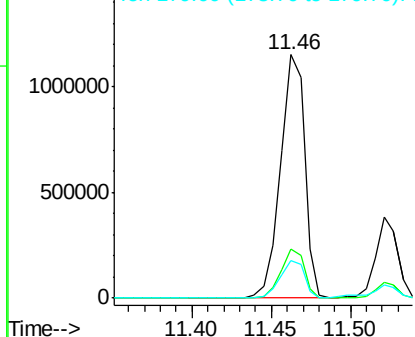


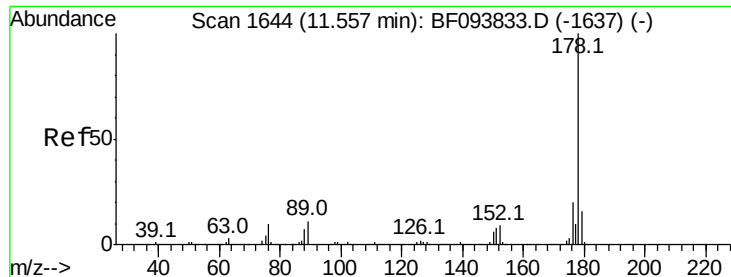
#70
Phenanthrene
Concen: 48.93 ng
RT: 11.46 min Scan# 1628
Delta R.T. -0.03 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Tgt Ion:178 Resp: 1225513
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.4
179 15.4 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: 14.00 ng

RT: 11.52 min Scan# 1638

Delta R.T. -0.04 min

Lab File: BF093924.D

Acq: 24 Mar 2017 23:25

Instrument :

BNA_F

ClientSampleId :

E2-CC-DD-9-10-BASE

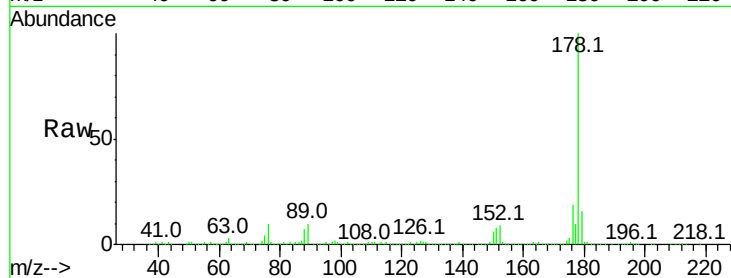
Tot Ion:178 Resp: 361015

Ion Ratio Lower Upper

178 100

176 18.6 15.8 23.8

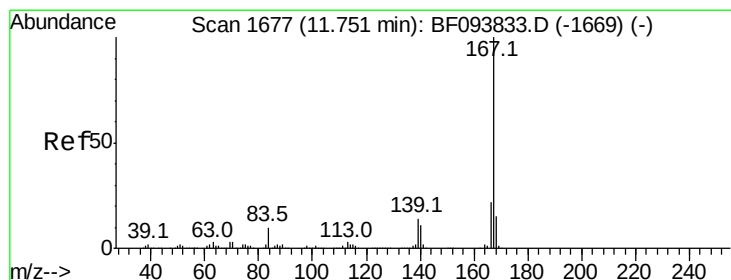
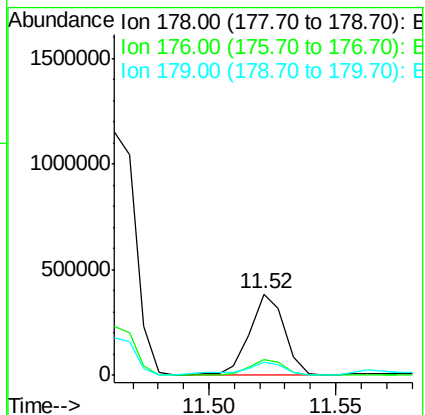
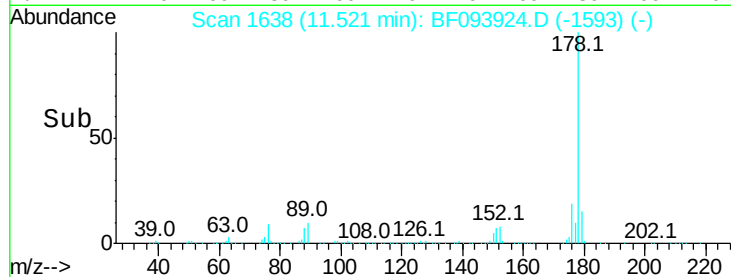
179 15.6 12.7 19.1



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: 4.88 ng

RT: 11.72 min Scan# 1672

Delta R.T. -0.03 min

Lab File: BF093924.D

Acq: 24 Mar 2017 23:25

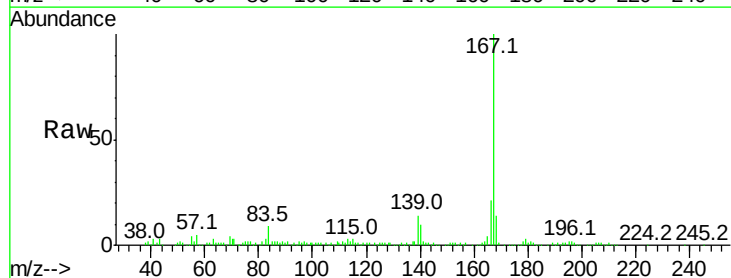
Tgt Ion:167 Resp: 128989

Ion Ratio Lower Upper

167 100

166 21.1 18.1 27.1

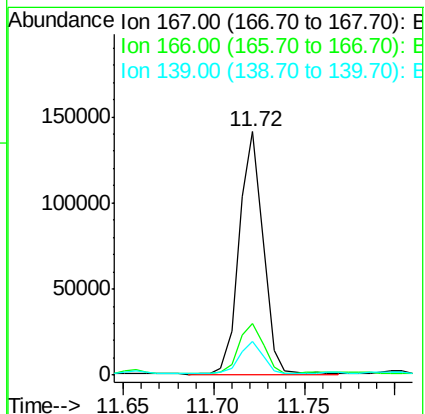
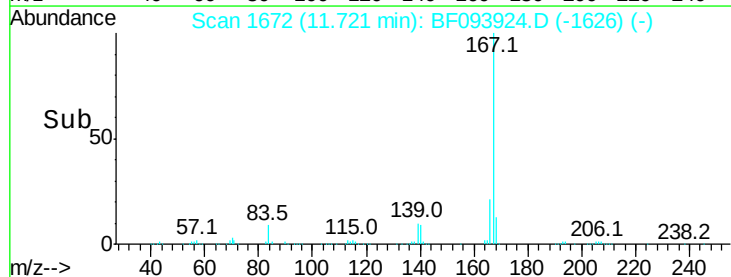
139 13.9 11.7 17.5

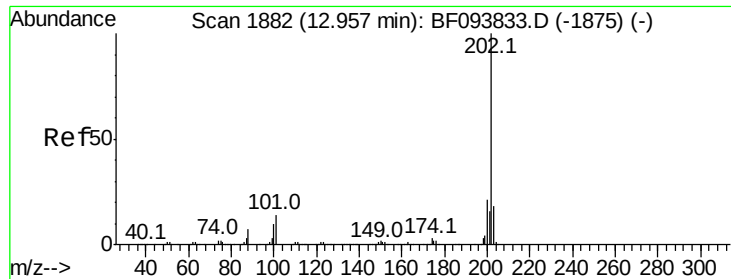


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 61.35 ng

RT: 12.93 min Scan# 1878

Delta R.T. -0.02 min

Lab File: BF093924.D

Acq: 24 Mar 2017 23:25

Instrument :

BNA_F

ClientSampleId :

E2-CC-DD-9-10-BASE

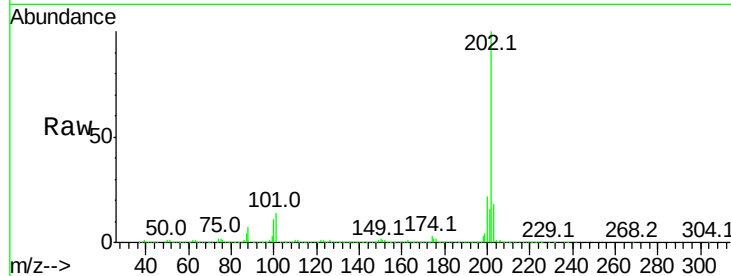
Tot Ion:202 Resp: 1573525

Ion Ratio Lower Upper

202 100

101 14.0 0.0 33.2

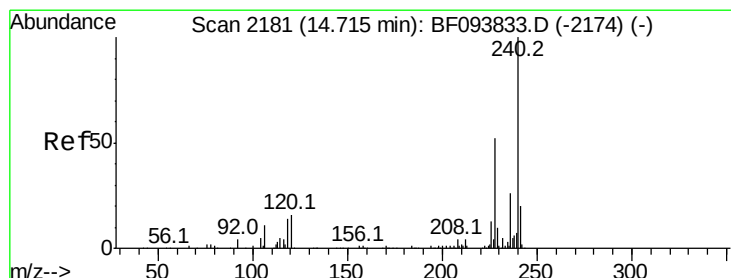
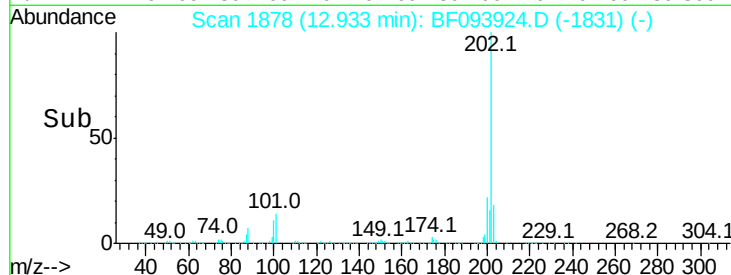
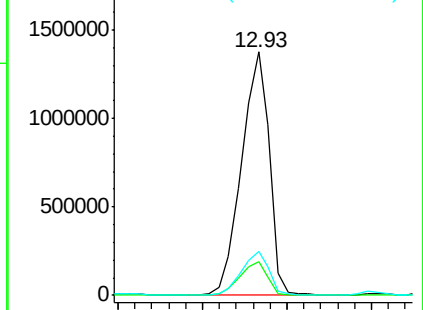
203 18.2 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.69 min Scan# 2177

Delta R.T. -0.02 min

Lab File: BF093924.D

Acq: 24 Mar 2017 23:25

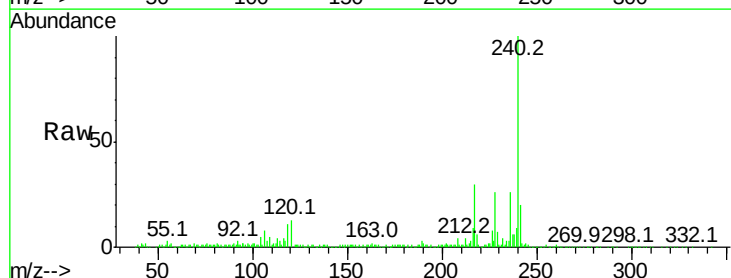
Tgt Ion:240 Resp: 326147

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

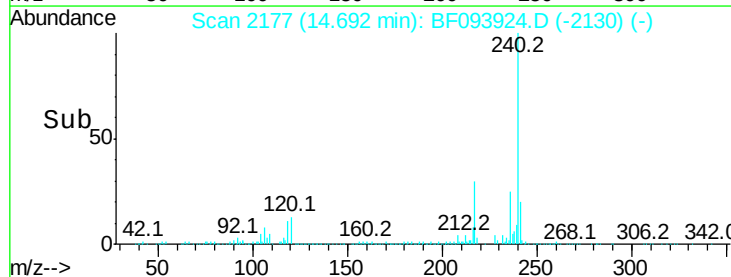
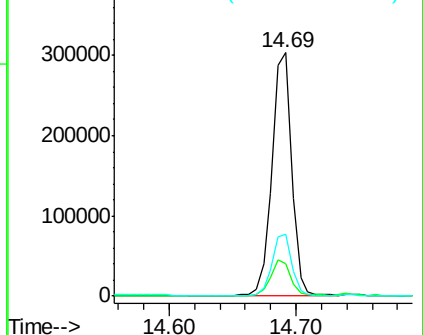
236 25.5 20.5 30.7

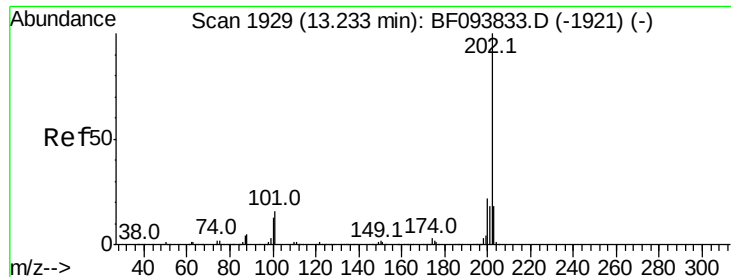


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 58.93 ng

RT: 13.21 min Scan# 1925

Delta R.T. -0.02 min

Lab File: BF093924.D

Acq: 24 Mar 2017 23:25

Instrument :

BNA_F

ClientSampleId :

E2-CC-DD-9-10-BASE

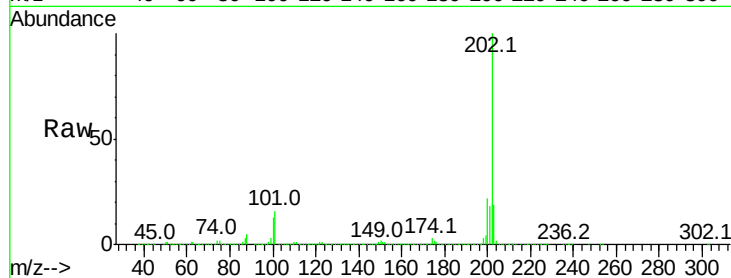
Tot Ion:202 Resp: 1394758

Ion Ratio Lower Upper

202 100

200 21.9 17.6 26.4

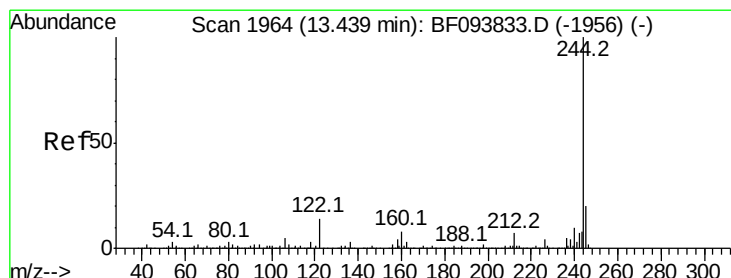
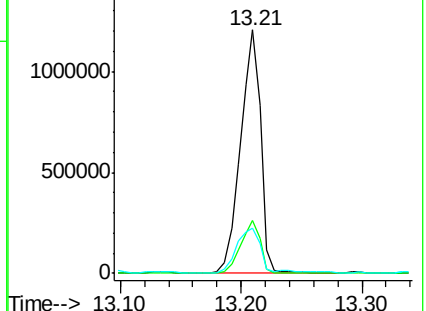
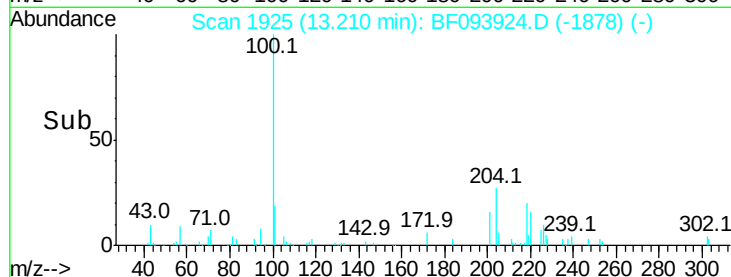
203 18.7 14.4 21.6



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: 38.67 ng

RT: 13.41 min Scan# 1959

Delta R.T. -0.03 min

Lab File: BF093924.D

Acq: 24 Mar 2017 23:25

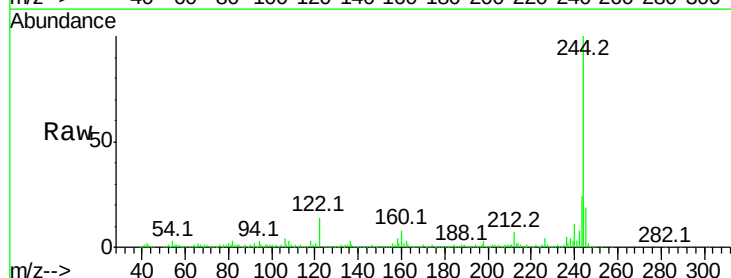
Tgt Ion:244 Resp: 562691

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

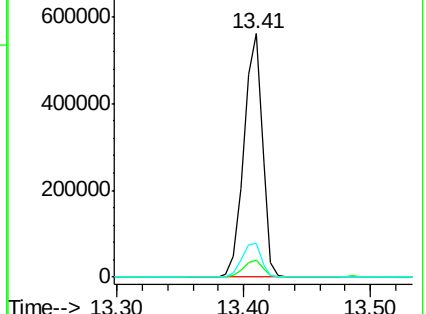
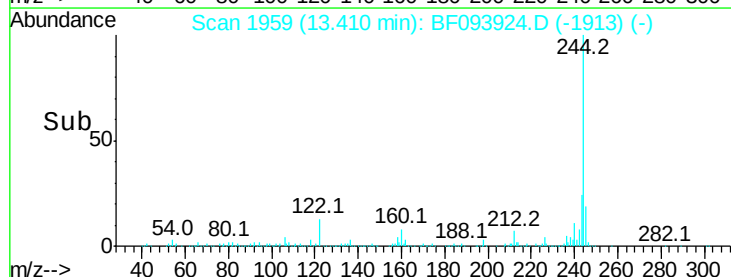
122 13.6 10.3 15.5

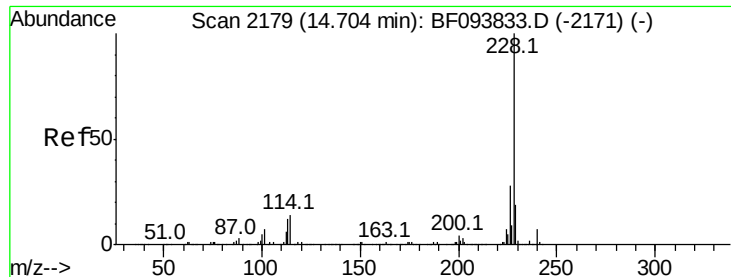


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

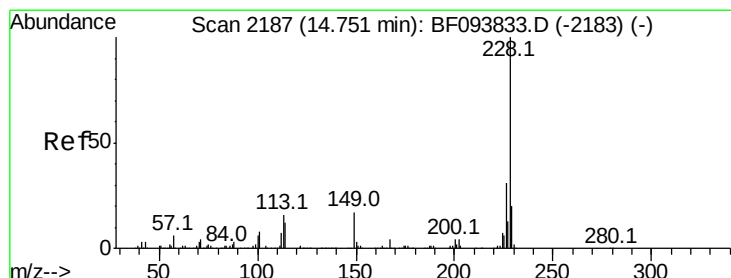
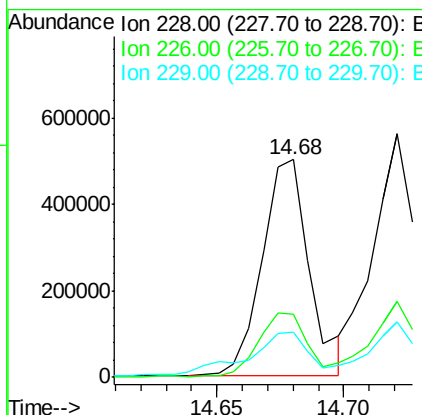
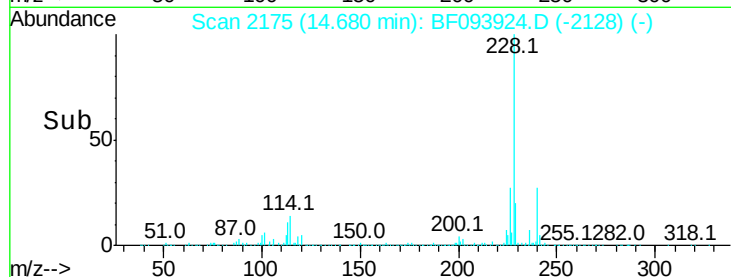
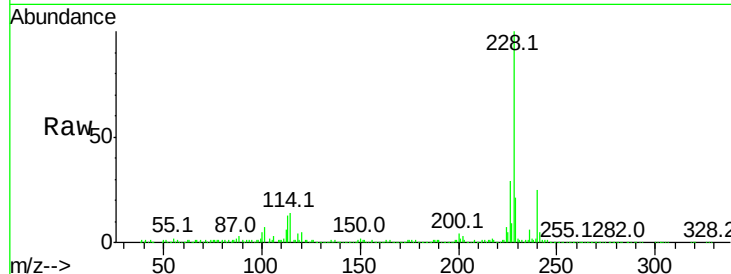




#80
Benzo(a)anthracene
Concen: 34.46 ng
RT: 14.68 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

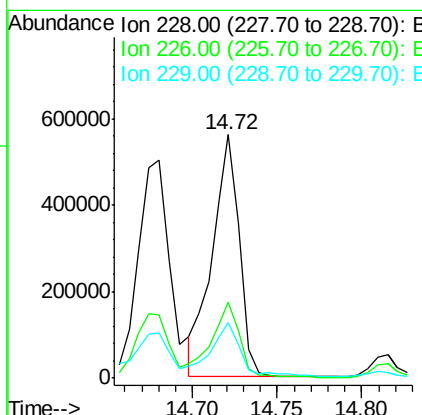
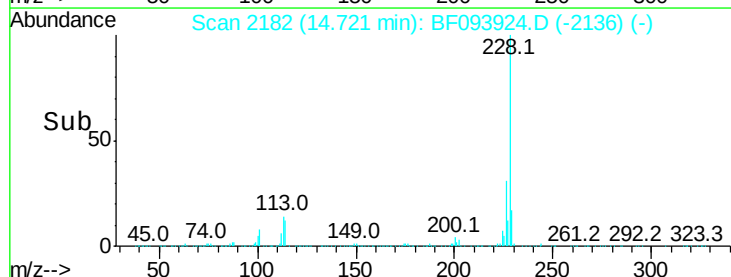
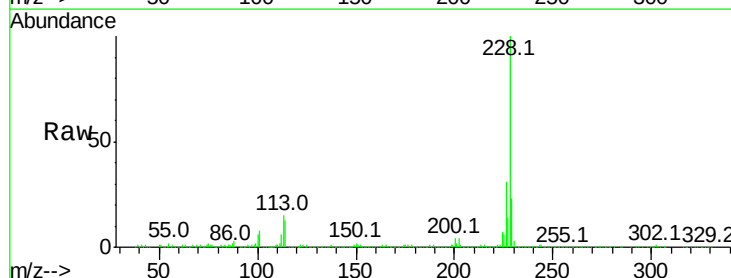
Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-9-10-BASE

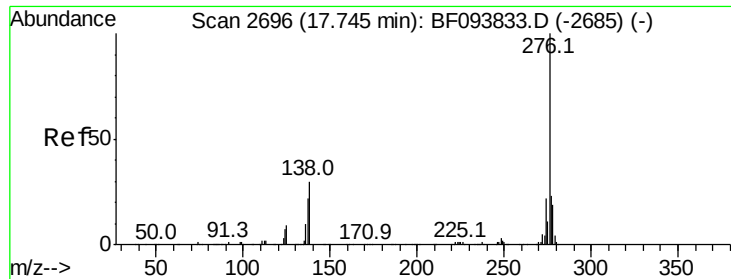
Tot Ion:228 Resp: 655365
Ion Ratio Lower Upper
228 100
226 28.9 22.6 33.8
229 20.6 16.3 24.5



#82
Chrysene
Concen: 35.61 ng
RT: 14.72 min Scan# 2182
Delta R.T. -0.03 min
Lab File: BF093924.D
Acq: 24 Mar 2017 23:25

Tgt Ion:228 Resp: 628524
Ion Ratio Lower Upper
228 100
226 31.2 24.9 37.3
229 22.5 15.8 23.6

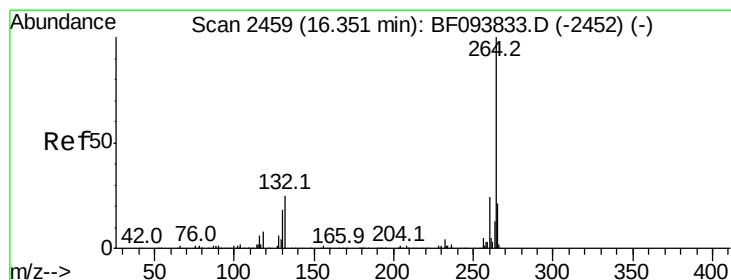
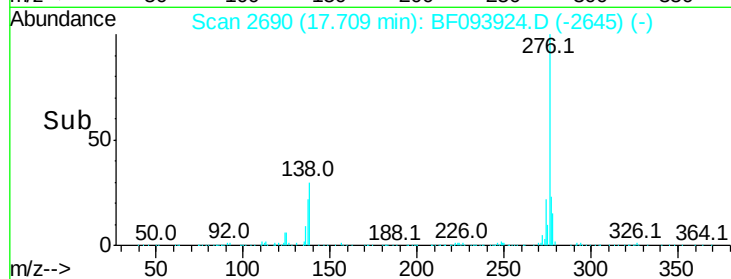
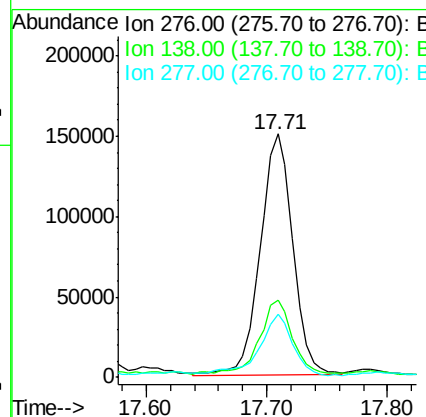
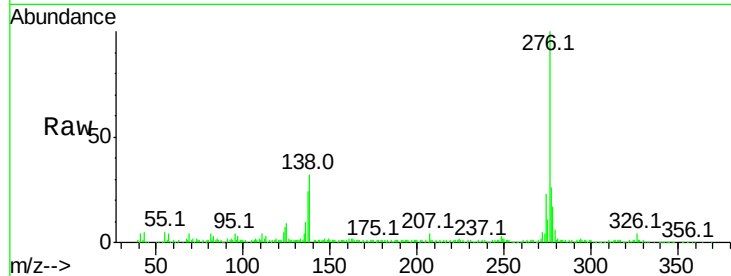




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 18.36 ng
 RT: 17.71 min Scan# 2690
 Delta R.T. -0.04 min
 Lab File: BF093924.D
 Acq: 24 Mar 2017 23:25

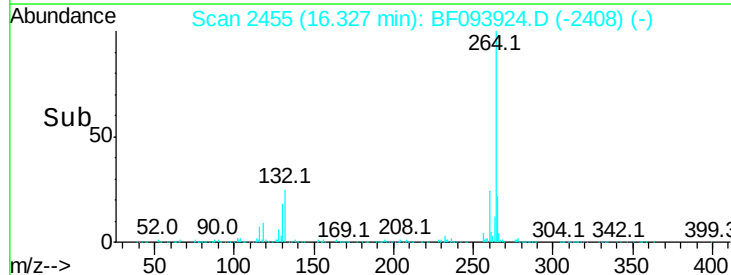
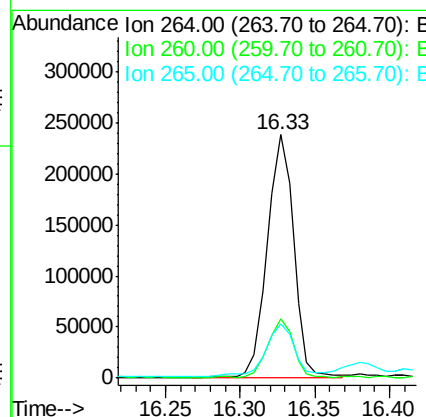
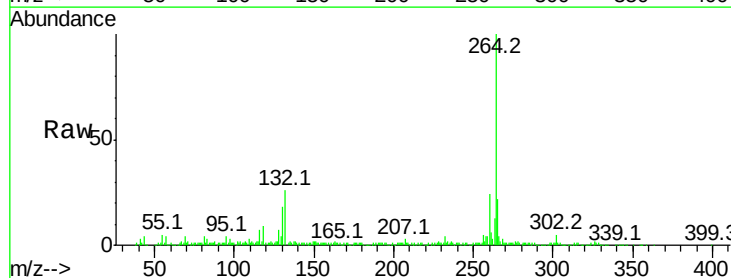
Instrument :
 BNA_F
 ClientSampleId :
 E2-CC-DD-9-10-BASE

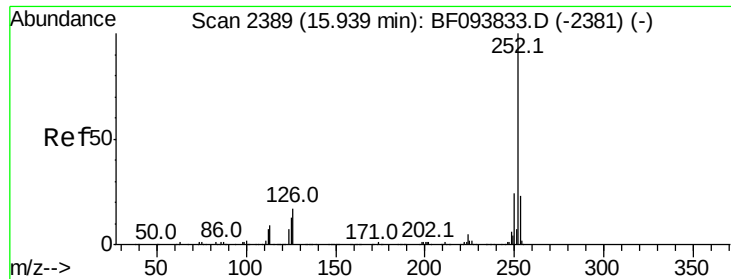
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.4	27.8	41.6
277	26.4	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.33 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BF093924.D
 Acq: 24 Mar 2017 23:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 54.33 ng

RT: 15.92 min Scan# 2385

Delta R.T. -0.02 min

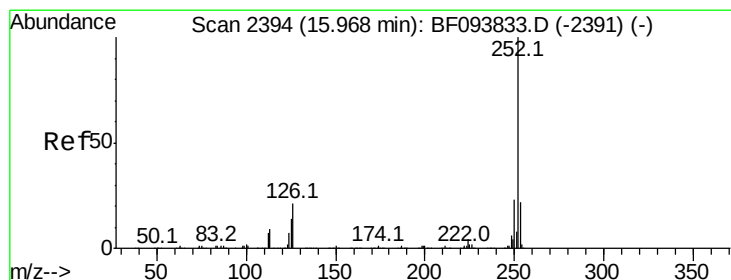
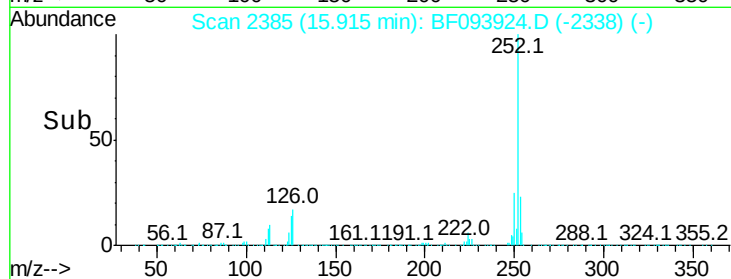
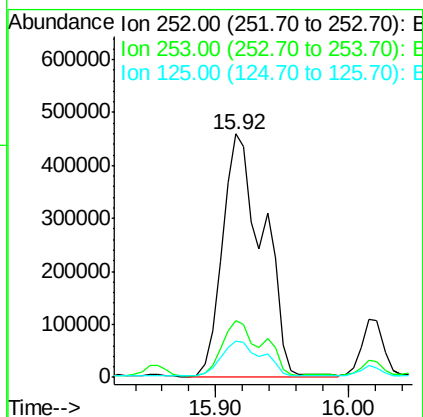
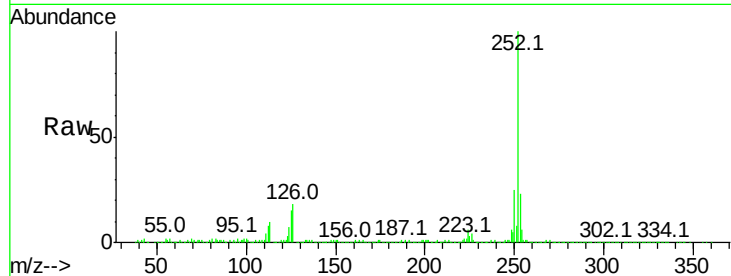
Lab File: BF093924.D

Acq: 24 Mar 2017 23:25

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-9-10-BASE

Tot Ion:252 Resp: 967549

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	15.1	9.8	14.8#



#88

Benzo(k)fluoranthene

Concen: 55.53 ng

RT: 15.92 min Scan# 2385

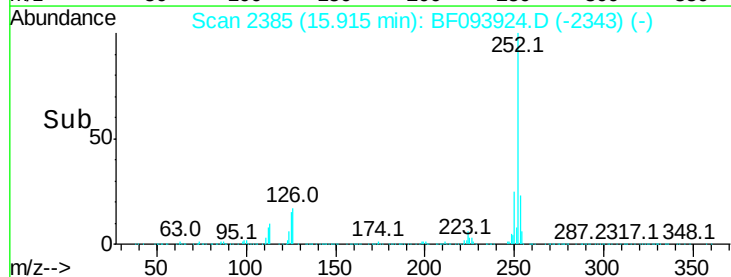
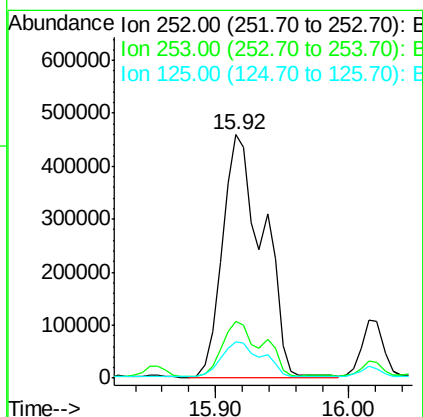
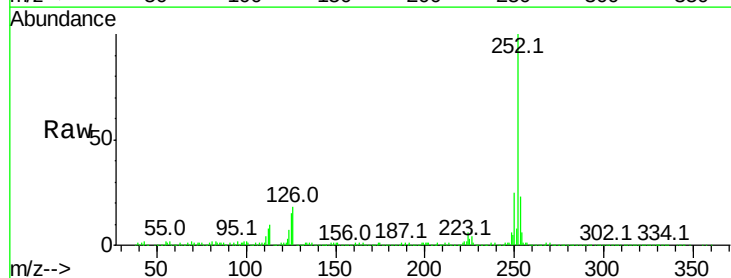
Delta R.T. -0.05 min

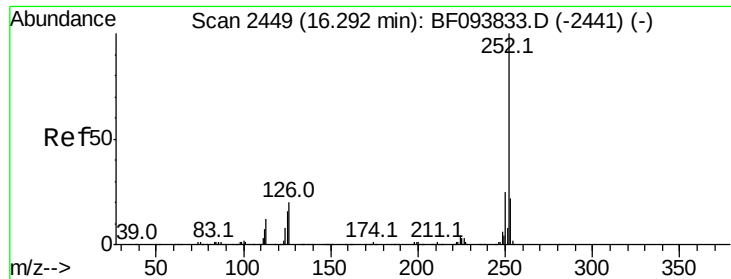
Lab File: BF093924.D

Acq: 24 Mar 2017 23:25

Tgt Ion:252 Resp: 967549

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	15.1	13.1	19.7





#89

Benzo(a)pyrene

Concen: 29.81 ng

RT: 16.27 min Scan# 2445

Delta R.T. -0.02 min

Lab File: BF093924.D

Acq: 24 Mar 2017 23:25

Instrument :

BNA_F

ClientSampleId :

E2-CC-DD-9-10-BASE

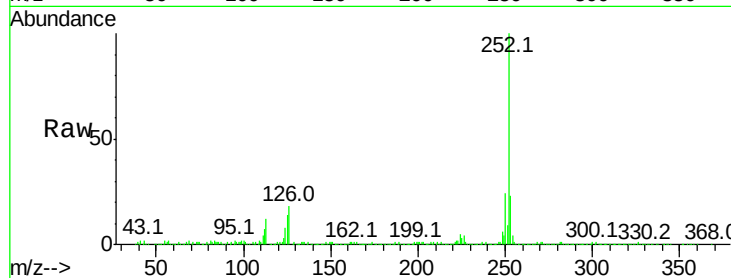
Tot Ion:252 Resp: 488833

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

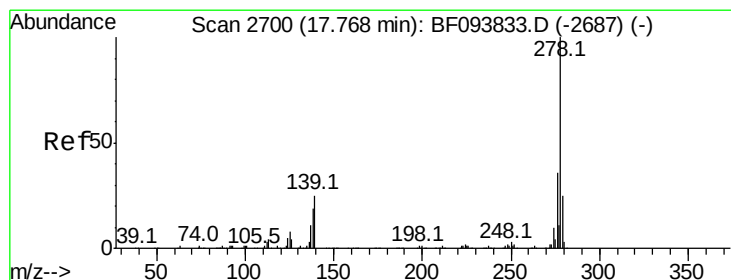
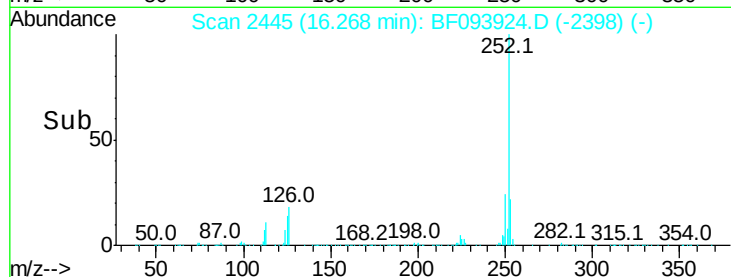
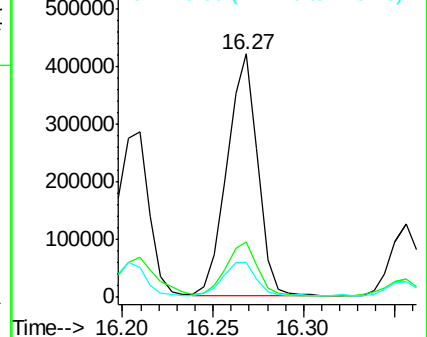
125 14.5 11.0 16.4



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



#90

Dibenzo(a,h)anthracene

Concen: 5.32 ng

RT: 17.72 min Scan# 2692

Delta R.T. -0.05 min

Lab File: BF093924.D

Acq: 24 Mar 2017 23:25

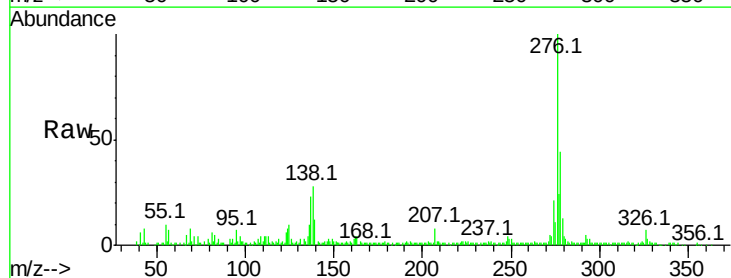
Tgt Ion:278 Resp: 73905

Ion Ratio Lower Upper

278 100

139 26.7 16.6 24.8#

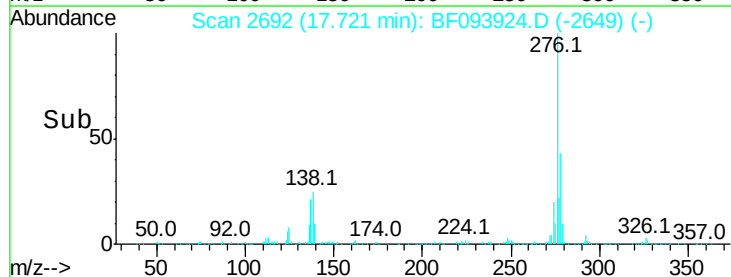
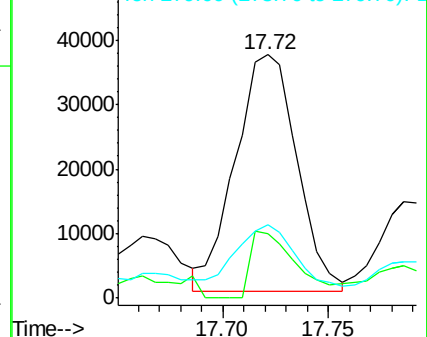
279 29.9 19.3 28.9#

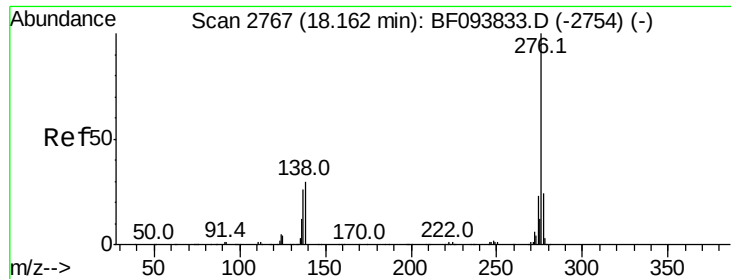


Abundance Ion 278.00 (277.70 to 278.70): E

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: 18.22 ng

RT: 18.12 min Scan# 2759

Delta R.T. -0.05 min

Lab File: BF093924.D

Acq: 24 Mar 2017 23:25

Instrument :

BNA_F

ClientSampleId :

E2-CC-DD-9-10-BASE

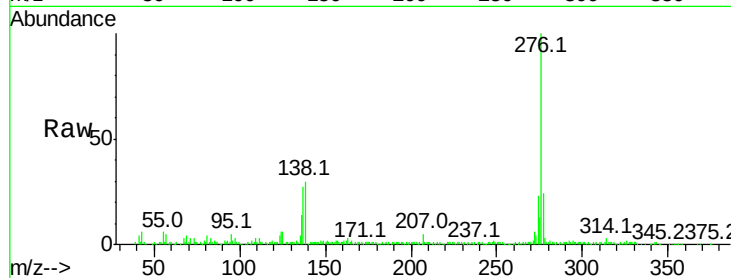
Tot Ion:276 Resp: 255012

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 30.3 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

