

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
 Data File : BF094049.D
 Acq On : 30 Mar 2017 7:13
 Operator : SJ/MA
 Sample : I2443-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-S11-BASE

Quant Time: Mar 30 07:38:11 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	169075	20.00	ng	-0.03
21) Naphthalene-d8	7.43	136	648856	20.00	ng	-0.03
38) Acenaphthene-d10	9.57	164	279597	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	437657	20.00	ng	-0.03
75) Chrysene-d12	14.65	240	302082	20.00	ng	-0.03
86) Perylene-d12	16.29	264	261489	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	1202892	120.17	ng	0.00
7) Phenol-d6	5.53	99	1543545	124.64	ng	-0.02
23) Nitrobenzene-d5	6.57	82	787293	69.24	ng	-0.04
41) 2,4,6-Tribromophenol	10.55	330	212732	96.28	ng	-0.03
44) 2-Fluorobiphenyl	8.75	172	1603918	87.50	ng	-0.03
78) Terphenyl-d14	13.37	244	940411	69.78	ng	-0.03

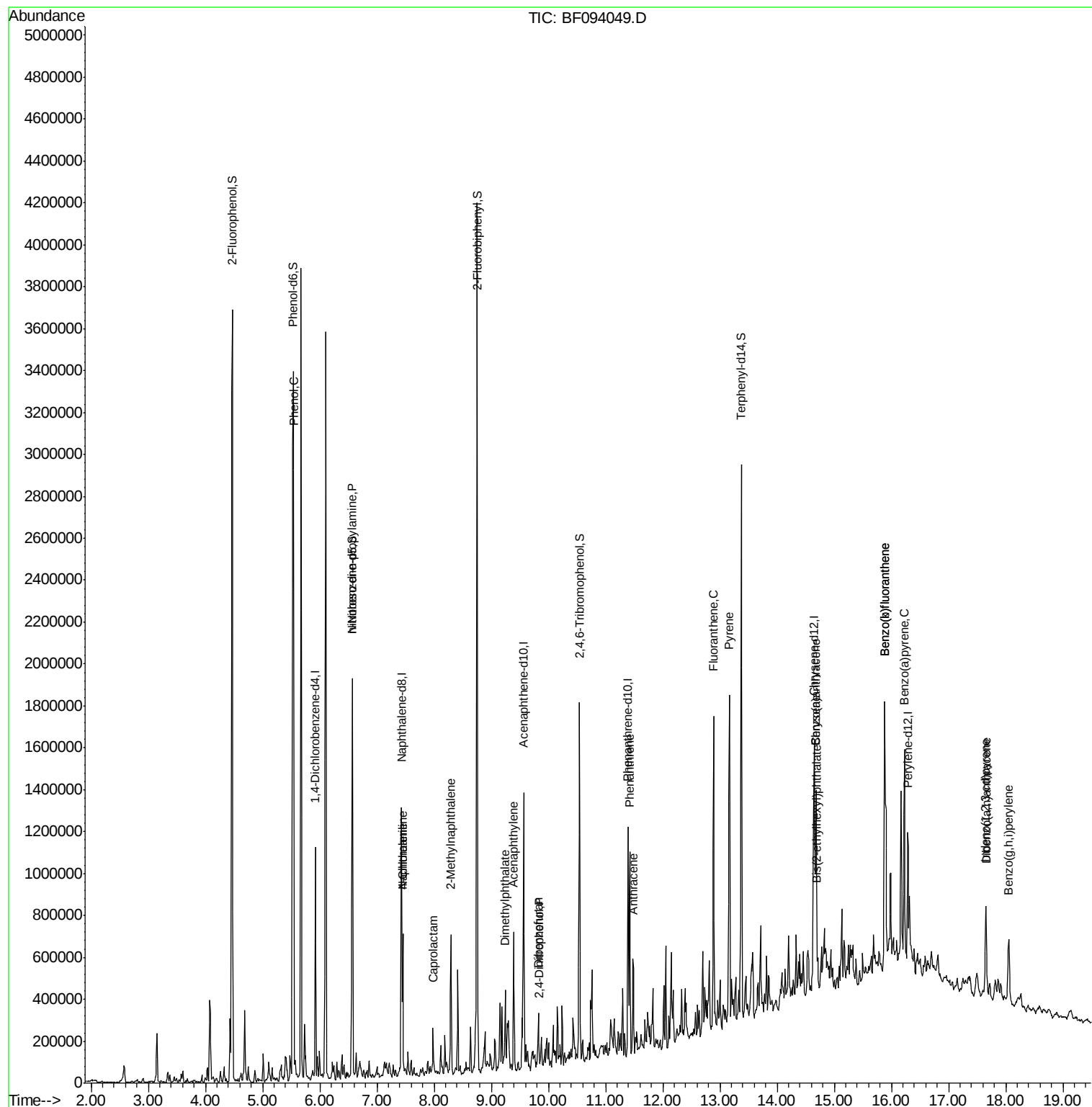
Target Compounds				Qvalue		
10) Phenol	5.55	94	28435	2.02	ng	99
19) n-Nitroso-di-n-propylamine	6.57	70	107993	13.57	ng	# 76
31) Naphthalene	7.45	128	287453	9.21	ng	99
33) 4-Chloroaniline	7.45	127	37531	2.97	ng	# 31
35) Caprolactam	7.98	113	5981	2.18	ng	# 70
37) 2-Methylnaphthalene	8.29	142	189402	9.11	ng	99
48) Acenaphthylene	9.39	152	257506	8.78	ng	98
49) Dimethylphthalate	9.25	163	148700	7.48	ng	97
53) 2,4-Dinitrophenol	9.84	184	230	4.75	ng	# 1
54) Dibenzofuran	9.82	168	83364	3.58	ng	97
70) Phenanthrene	11.42	178	373711	15.35	ng	97
71) Anthracene	11.48	178	192885	7.69	ng	99
74) Fluoranthene	12.89	202	745950	29.92	ng	99
77) Pyrene	13.17	202	761192	34.72	ng	98
80) Benzo(a)anthracene	14.68	228	460608	26.15	ng	94
82) Chrysene	14.68	228	460608	28.18	ng	96
83) Bis(2-ethylhexyl)phthalate	14.70	149	26099	2.05	ng	# 97
85) Indeno(1,2,3-cd)pyrene	17.65	276	267227	18.88	ng	94
87) Benzo(b)fluoranthene	15.88	252	968928	60.45	ng	98
88) Benzo(k)fluoranthene	15.88	252	968928	61.78	ng	98
89) Benzo(a)pyrene	16.23	252	427868	28.99	ng	96
90) Dibenz(a,h)anthracene	17.66	278	68180	5.45	ng	# 91
91) Benzo(g,h,i)perylene	18.06	276	233213	18.51	ng	97

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

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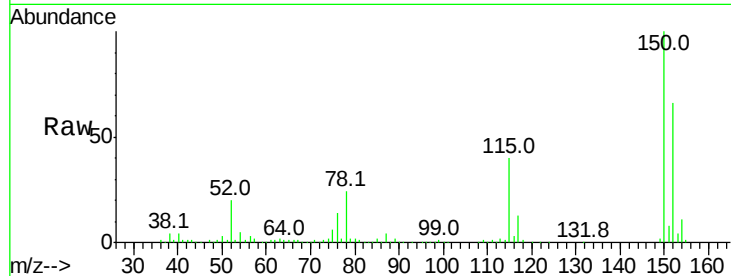


#1

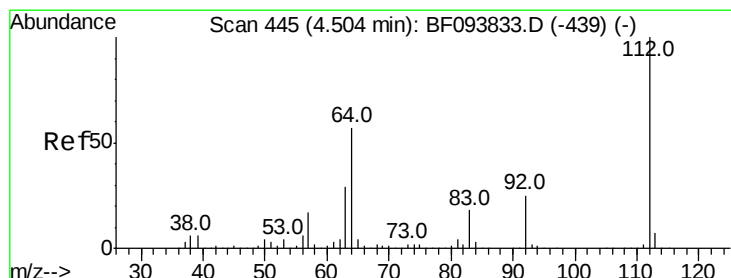
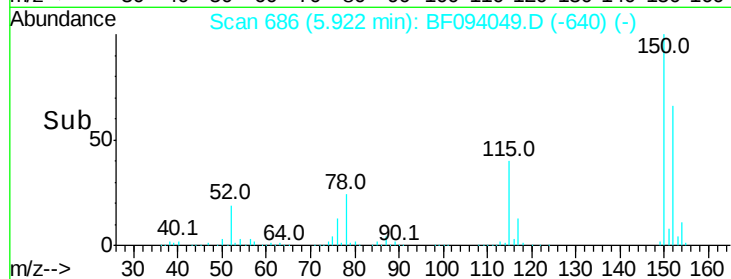
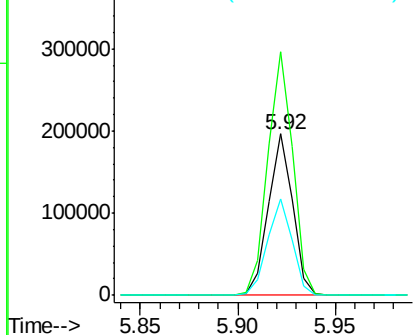
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.92 min Scan# 686
 Delta R.T. -0.03 min
 Lab File: BF094049.D
 Acq: 30 Mar 2017 7:13

Instrument :
 BNA_F
 ClientSampleId :
 E2-S11-BASE

Tot Ion:152 Resp: 169075
 Ion Ratio Lower Upper
 152 100
 150 150.9 126.2 189.2
 115 59.8 52.2 78.2



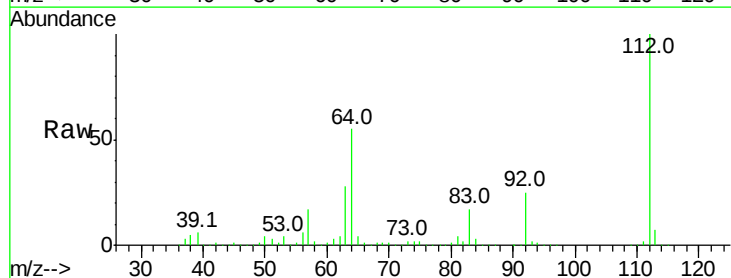
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



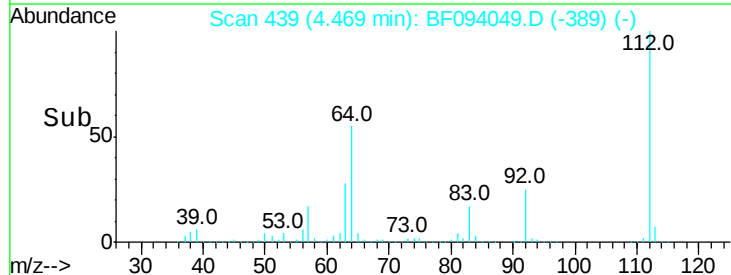
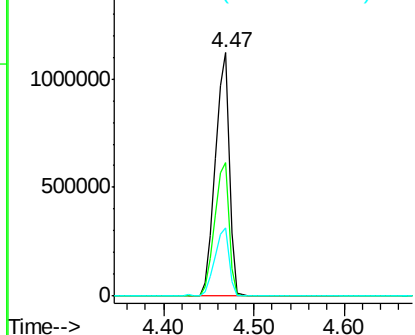
#5

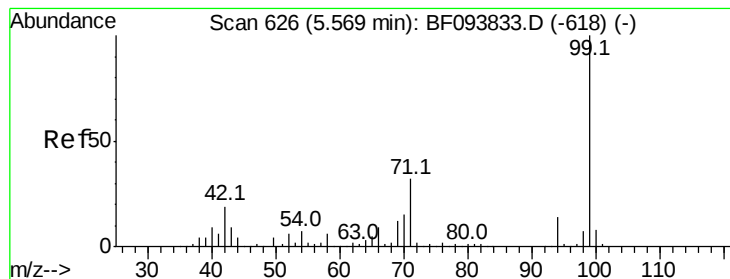
2-Fluorophenol
 Concen: 120.17 ng
 RT: 4.47 min Scan# 439
 Delta R.T. -0.01 min
 Lab File: BF094049.D
 Acq: 30 Mar 2017 7:13

Tgt Ion:112 Resp: 1202892
 Ion Ratio Lower Upper
 112 100
 64 54.9 46.0 69.0
 63 28.0 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: 124.64 ng

RT: 5.53 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF094049.D

Acq: 30 Mar 2017 7:13

Instrument :

BNA_F

ClientSampleId :

E2-S11-BASE

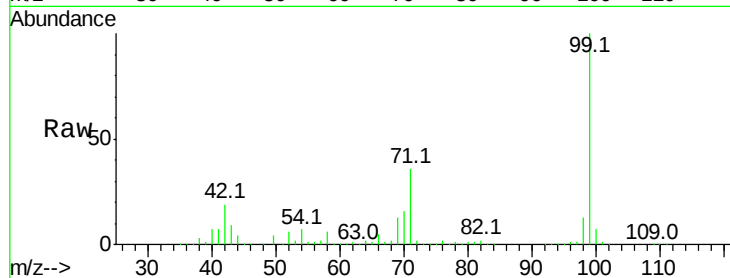
Tot Ion: 99 Resp: 1543545

Ion Ratio Lower Upper

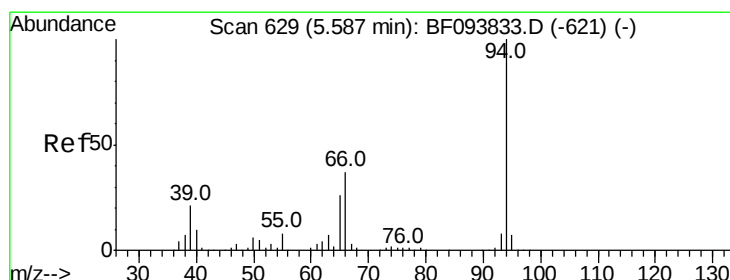
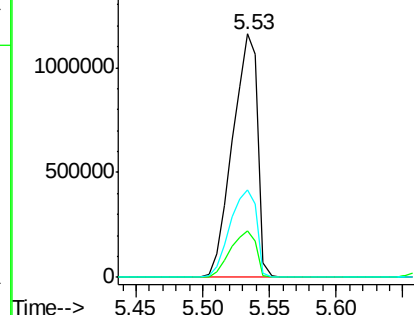
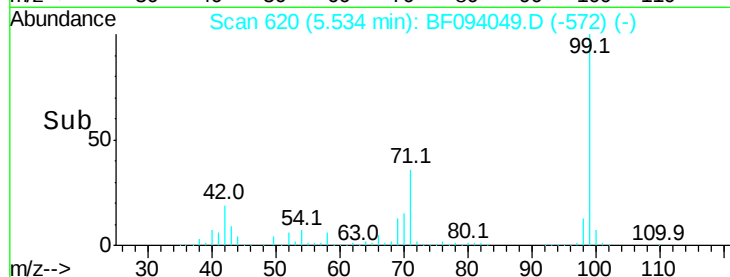
99 100

42 18.8 13.5 20.3

71 36.0 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



#10

Phenol

Concen: 2.02 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF094049.D

Acq: 30 Mar 2017 7:13

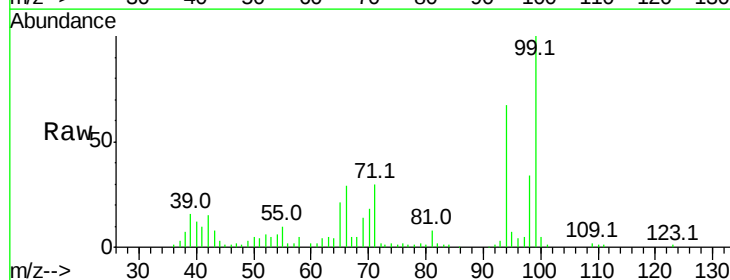
Tgt Ion: 94 Resp: 28435

Ion Ratio Lower Upper

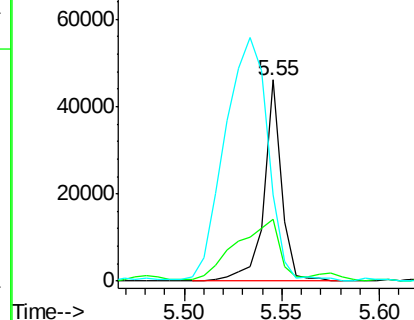
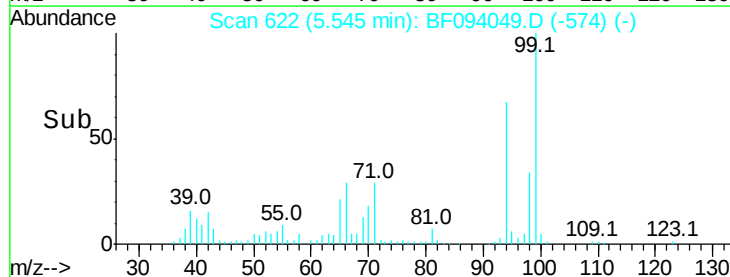
94 100

65 30.8 9.9 49.9

66 43.1 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 13.57 ng

RT: 6.57 min Scan# 796

Delta R.T. 0.13 min

Lab File: BF094049.D

Acq: 30 Mar 2017 7:13

Instrument :

BNA_F

ClientSampleId :

E2-S11-BASE

Tot Ion: 70 Resp: 107993

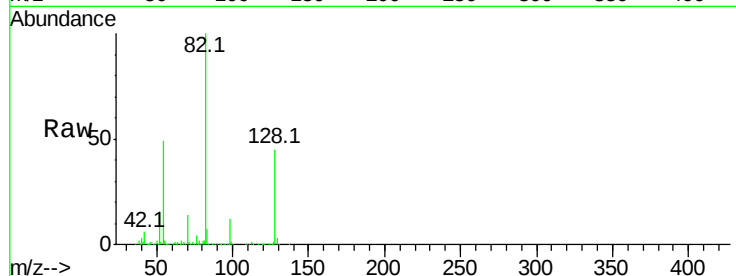
Ion Ratio Lower Upper

70 100

42 45.3 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

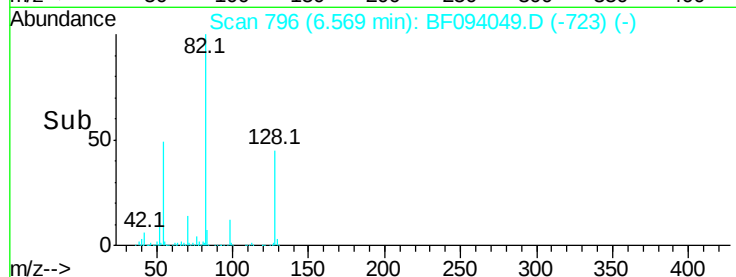
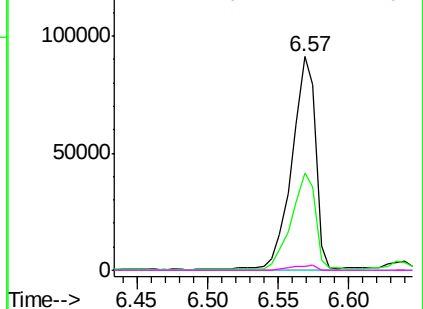


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.43 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF094049.D

Acq: 30 Mar 2017 7:13

Tgt Ion:136 Resp: 648856

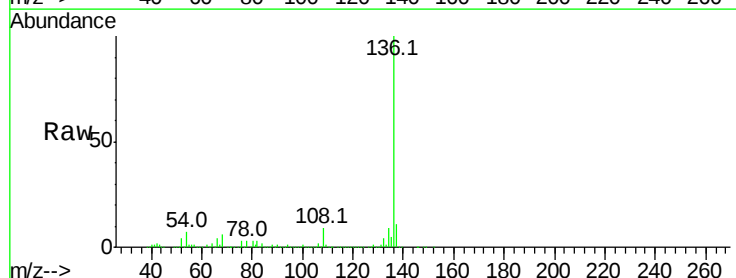
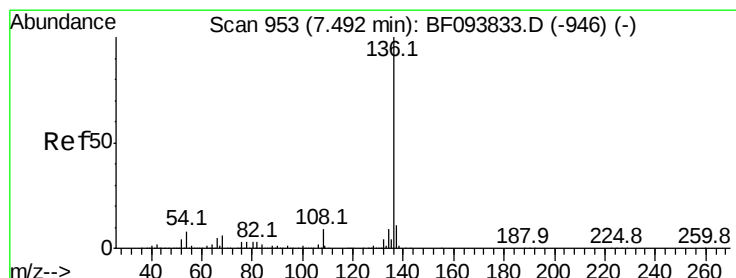
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.9 4.9 7.3

68 5.5 4.1 6.1

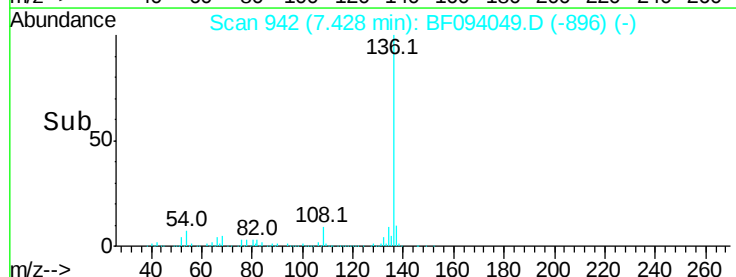
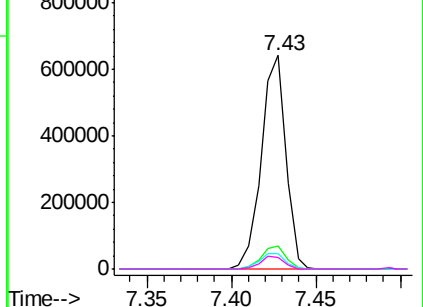


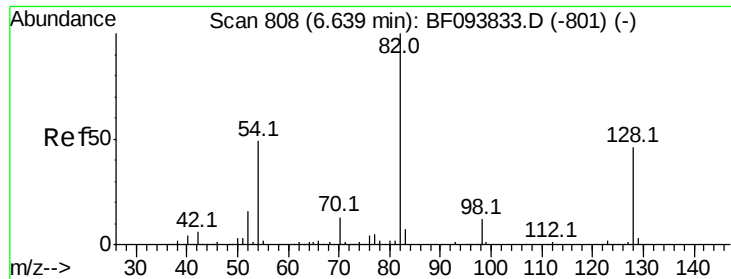
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

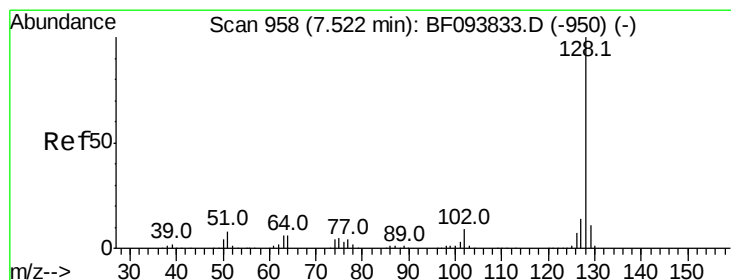
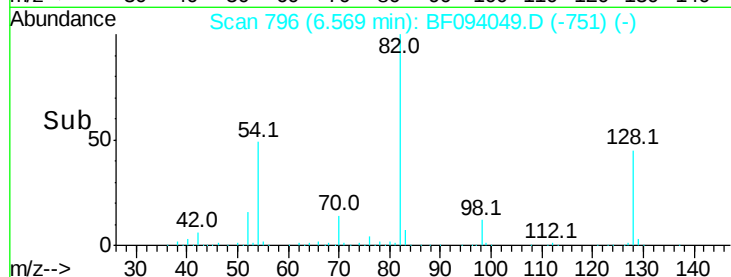
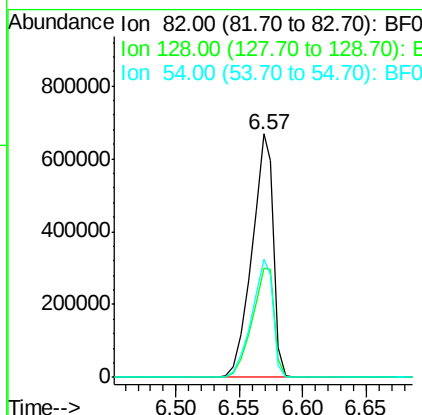
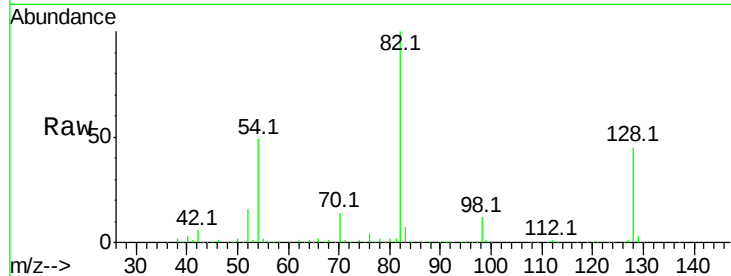




#23
Nitrobenzene-d5
Concen: 69.24 ng
RT: 6.57 min Scan# 796
Delta R.T. -0.04 min
Lab File: BF094049.D
Acq: 30 Mar 2017 7:13

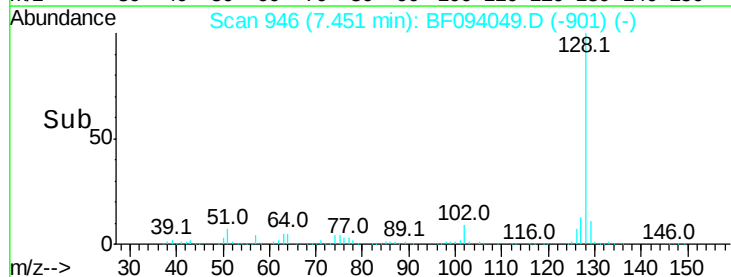
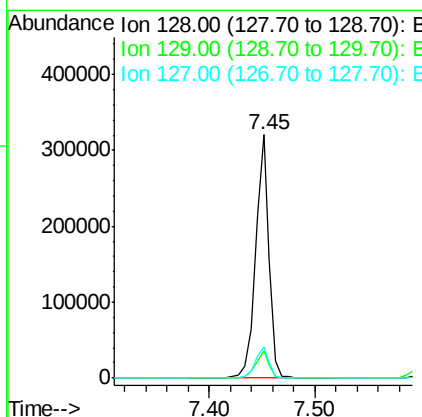
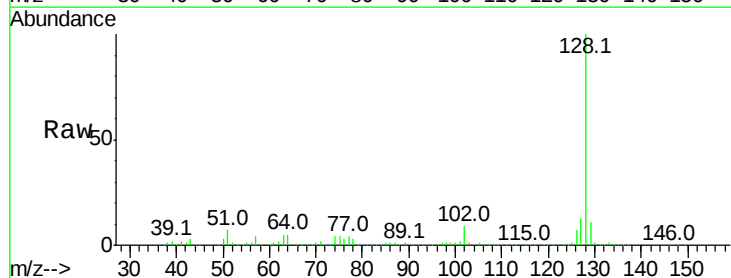
Instrument :
BNA_F
ClientSampleId :
E2-S11-BASE

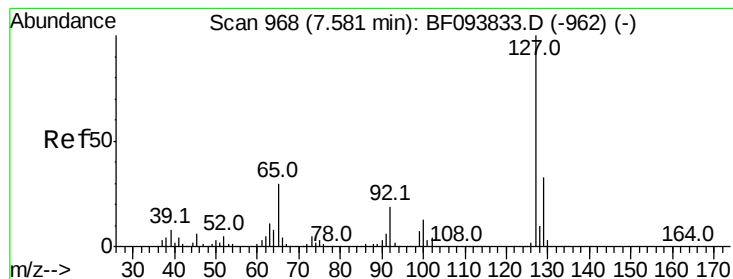
Tot Ion: 82 Resp: 787293
Ion Ratio Lower Upper
82 100
128 44.8 34.0 51.0
54 48.8 42.2 63.2



#31
Naphthalene
Concen: 9.21 ng
RT: 7.45 min Scan# 946
Delta R.T. -0.04 min
Lab File: BF094049.D
Acq: 30 Mar 2017 7:13

Tgt Ion: 128 Resp: 287453
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 12.7 10.8 16.2





#33

4-Chloroaniline

Concen: 2.97 ng

RT: 7.45 min Scan# 946

Delta R.T. -0.10 min

Lab File: BF094049.D

Acq: 30 Mar 2017 7:13

Instrument :

BNA_F

ClientSampleId :

E2-S11-BASE

Tot Ion:127 Resp: 37531

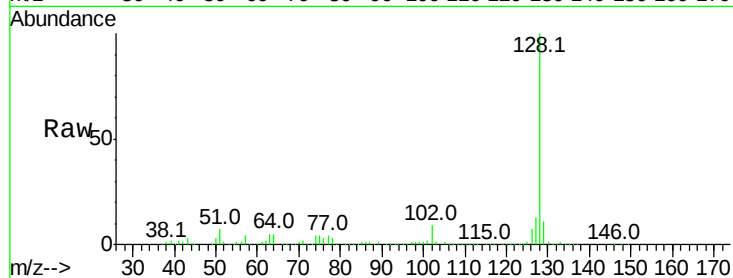
Ion Ratio Lower Upper

127 100

129 86.1 26.2 39.2#

65 0.0 27.8 41.8#

92 0.8 16.8 25.2#



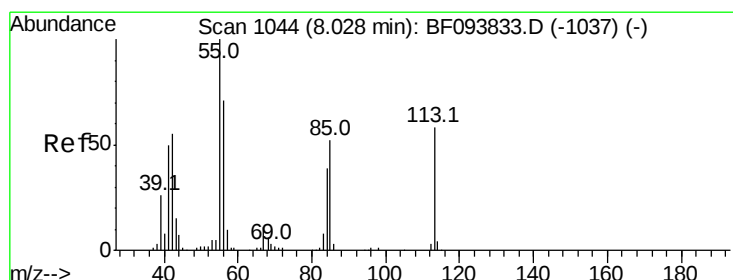
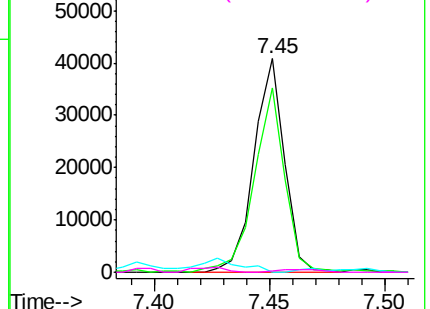
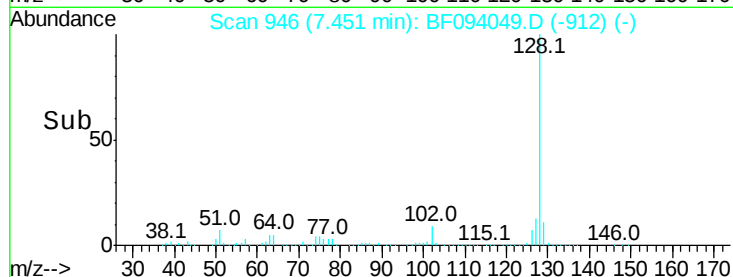
Abundance

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: 2.18 ng

RT: 7.98 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF094049.D

Acq: 30 Mar 2017 7:13

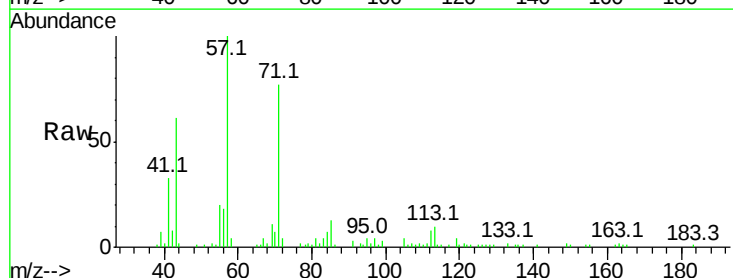
Tgt Ion:113 Resp: 5981

Ion Ratio Lower Upper

113 100

55 196.5 150.2 190.2#

56 178.6 107.8 147.8#

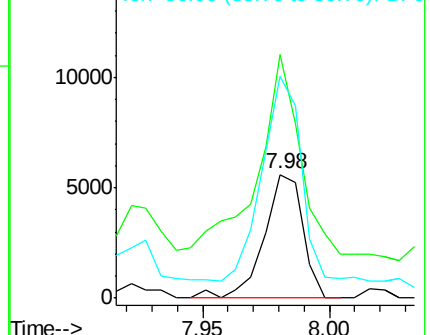
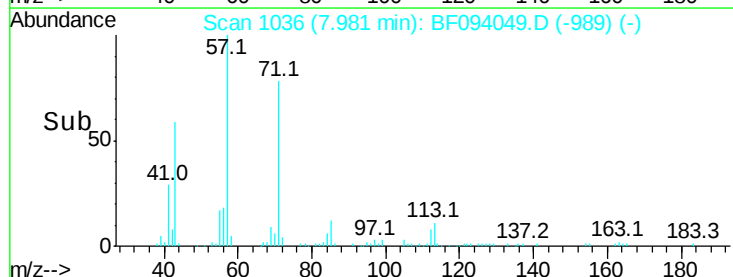


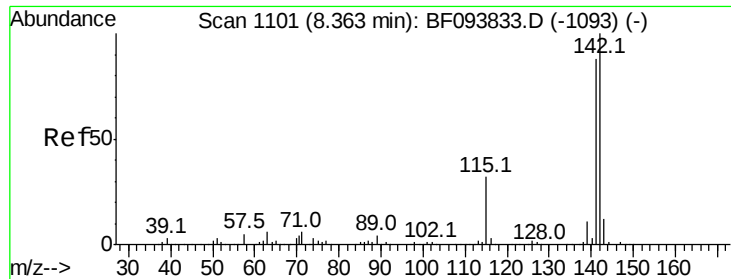
Abundance

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

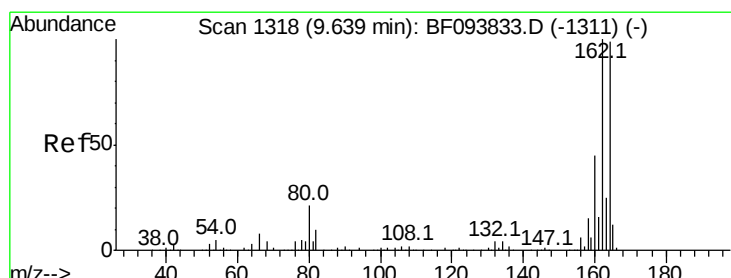
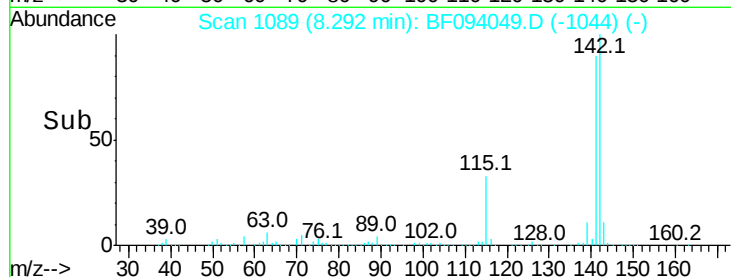
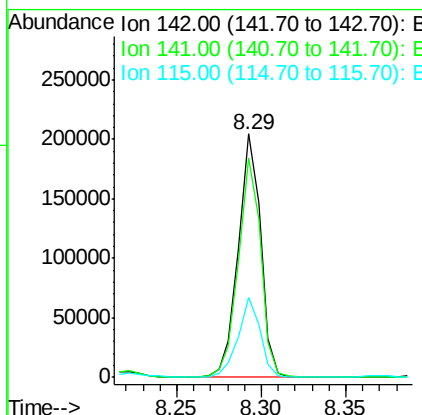
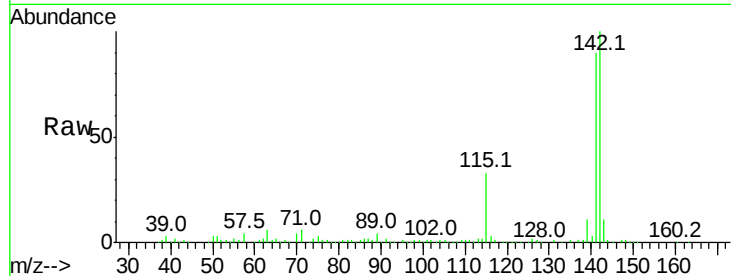




#37
2-Methylnaphthalene
Concen: 9.11 ng
RT: 8.29 min Scan# 1089
Delta R.T. -0.04 min
Lab File: BF094049.D
Acq: 30 Mar 2017 7:13

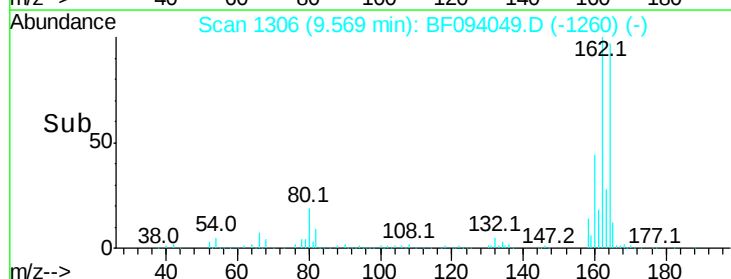
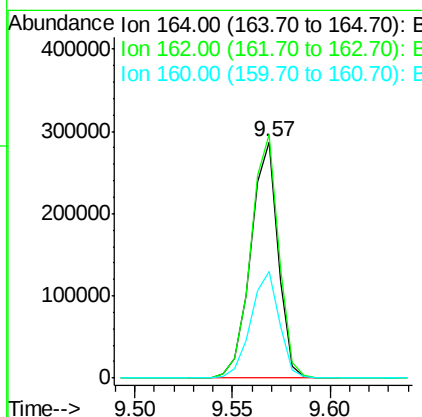
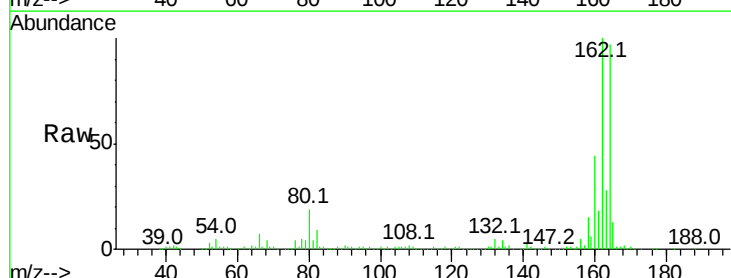
Instrument :
BNA_F
ClientSampled :
E2-S11-BASE

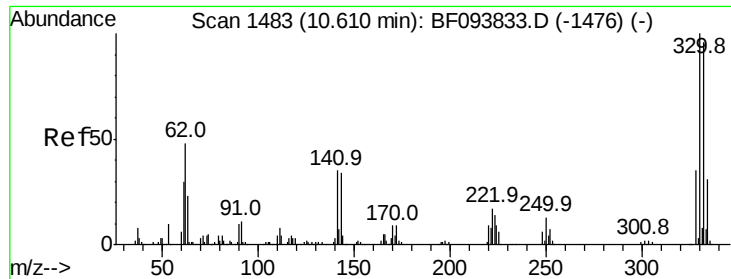
Tot Ion:142 Resp: 189402
Ion Ratio Lower Upper
142 100
141 90.1 71.3 106.9
115 32.8 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 1306
Delta R.T. -0.03 min
Lab File: BF094049.D
Acq: 30 Mar 2017 7:13

Tgt Ion:164 Resp: 279597
Ion Ratio Lower Upper
164 100
162 103.1 82.6 123.8
160 45.3 36.2 54.2

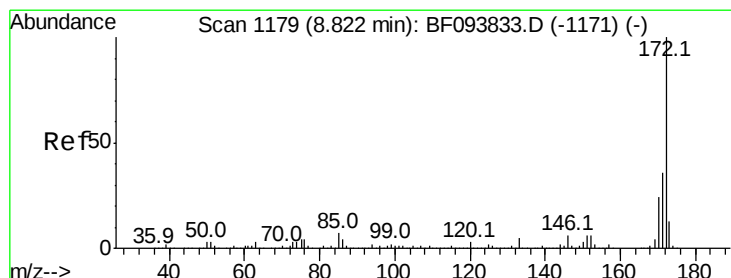
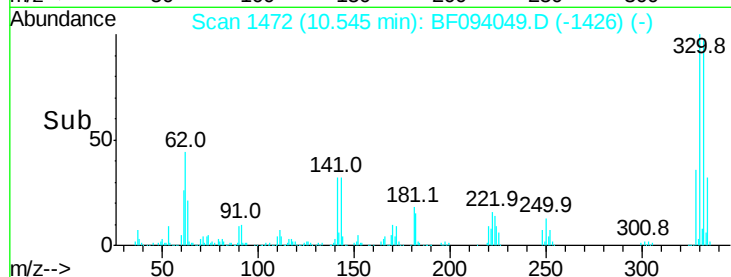
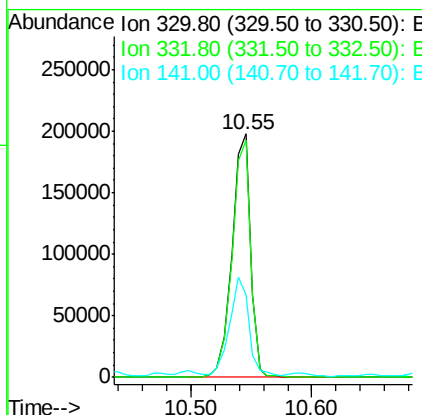
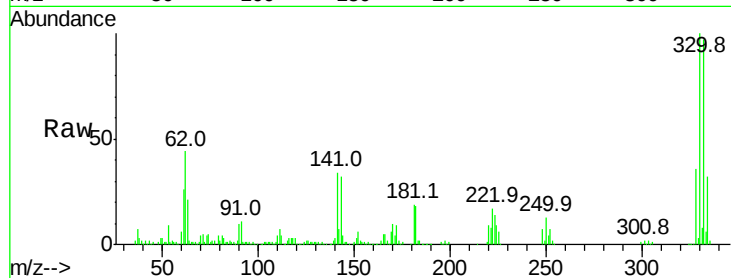




#41
 2,4,6-Tribromophenol
 Concen: 96.28 ng
 RT: 10.55 min Scan# 1472
 Delta R.T. -0.03 min
 Lab File: BF094049.D
 Acq: 30 Mar 2017 7:13

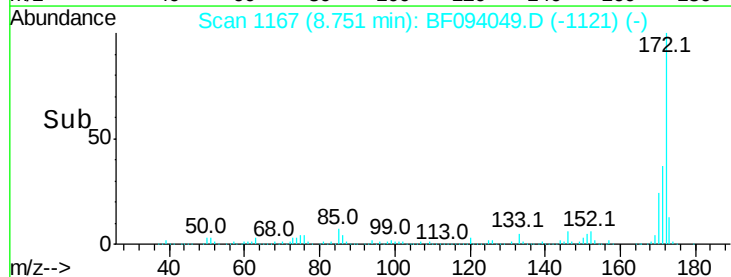
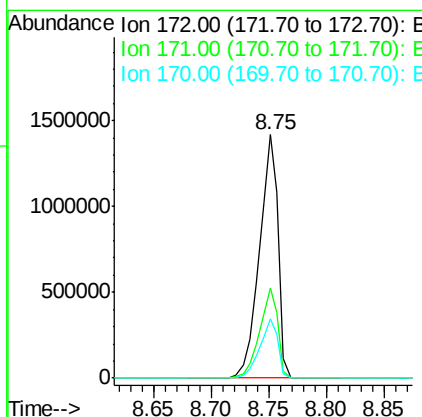
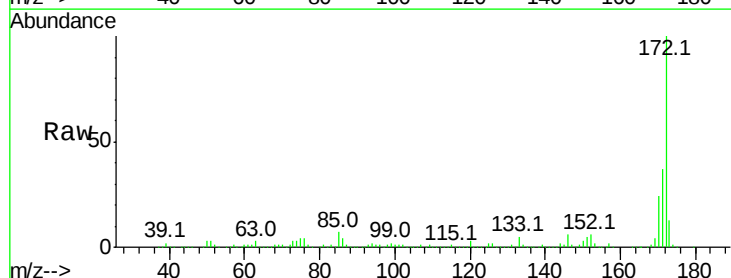
Instrument :
 BNA_F
 ClientSampleId :
 E2-S11-BASE

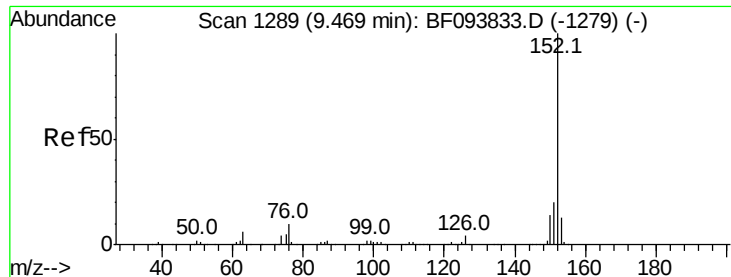
Tot Ion:330 Resp: 212732
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 41.1 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 87.50 ng
 RT: 8.75 min Scan# 1167
 Delta R.T. -0.03 min
 Lab File: BF094049.D
 Acq: 30 Mar 2017 7:13

Tgt Ion:172 Resp: 1603918
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 24.2 19.8 29.8

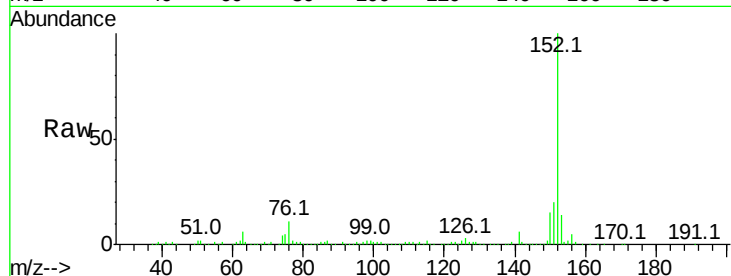




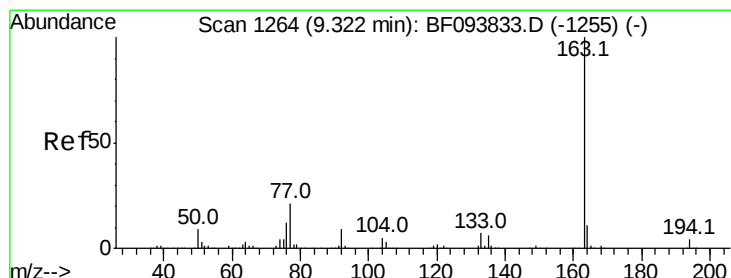
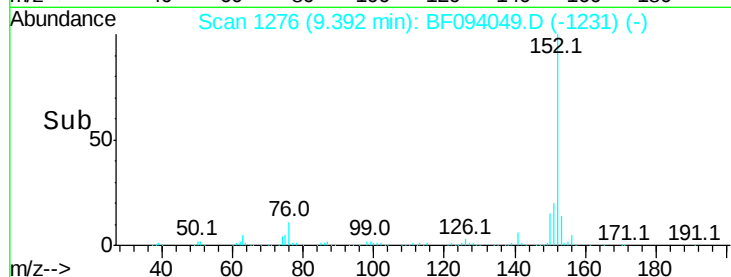
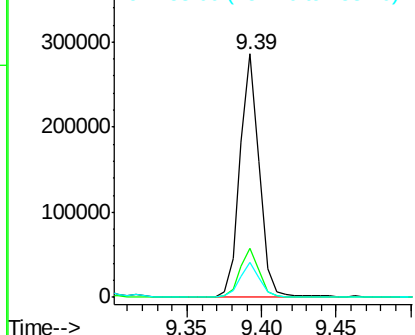
#48
Acenaphthylene
Concen: 8.78 ng
RT: 9.39 min Scan# 1276
Delta R.T. -0.04 min
Lab File: BF094049.D
Acq: 30 Mar 2017 7:13

Instrument :
BNA_F
ClientSampleId :
E2-S11-BASE

Tot Ion:	152	Resp:	257506
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	14.3	10.8	16.2

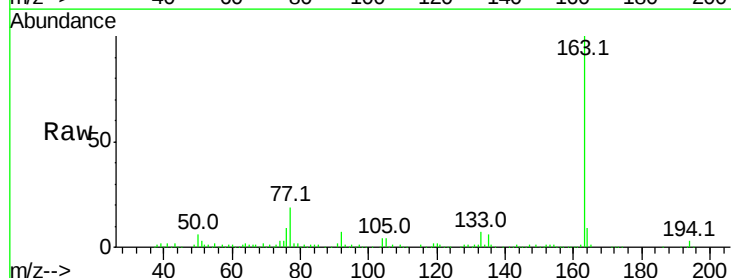


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

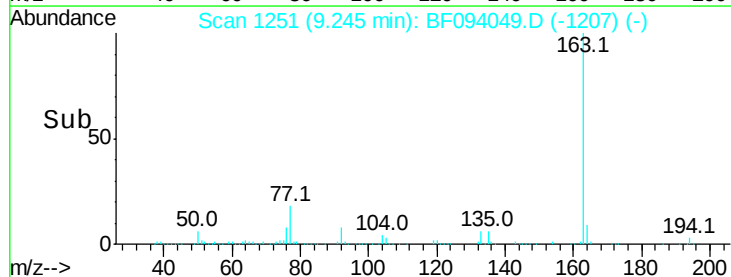
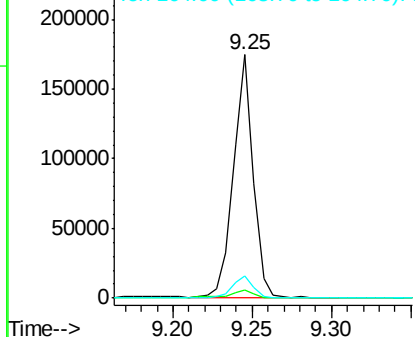


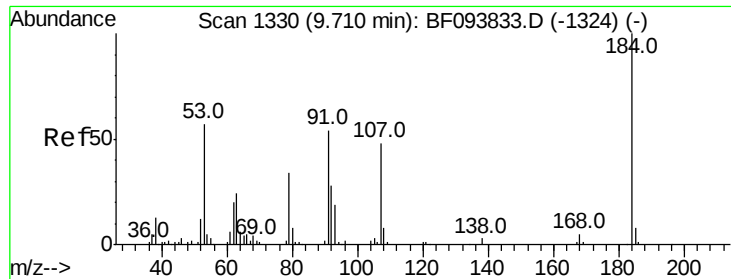
#49
Dimethylphthalate
Concen: 7.48 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.04 min
Lab File: BF094049.D
Acq: 30 Mar 2017 7:13

Tgt Ion:	163	Resp:	148700
Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.1	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

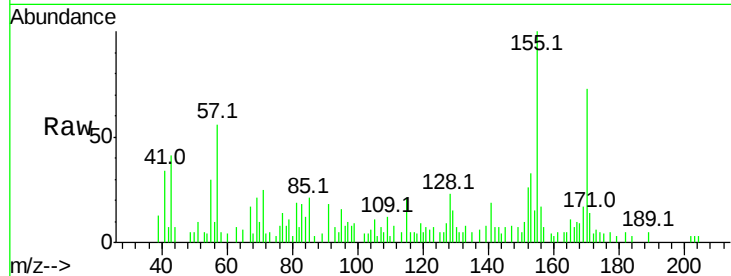




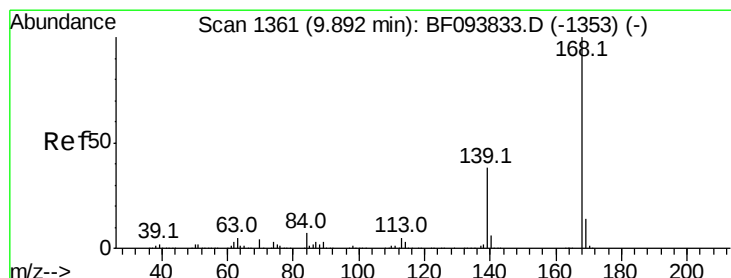
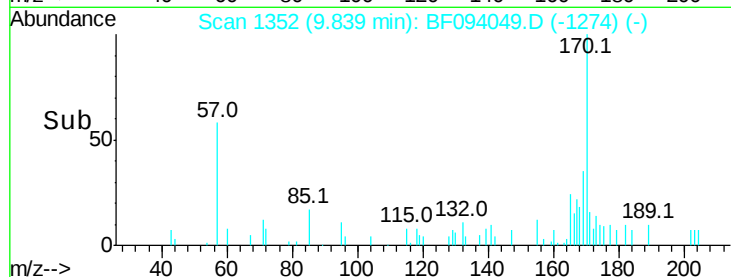
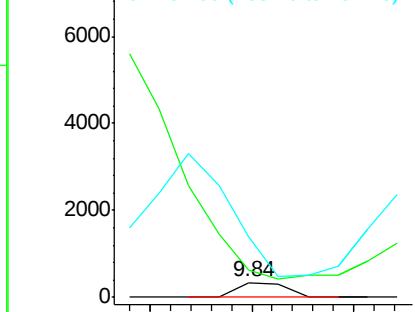
#53
2,4-Dinitrophenol
Concen: 4.75 ng
RT: 9.84 min Scan# 1352
Delta R.T. 0.16 min
Lab File: BF094049.D
Acq: 30 Mar 2017 7:13

Instrument :
BNA_F
ClientSampleId :
E2-S11-BASE

Tot Ion:184 Resp: 230
Ion Ratio Lower Upper
184 100
63 186.8 62.7 94.1#
154 420.7 81.1 121.7#

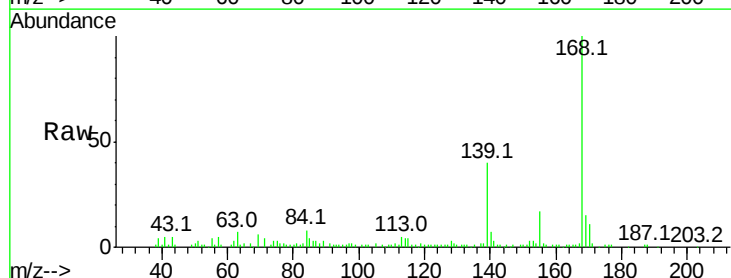


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

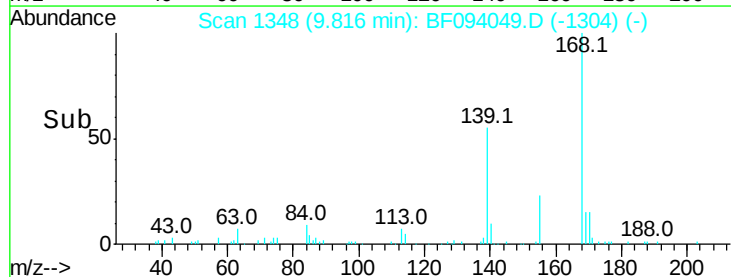
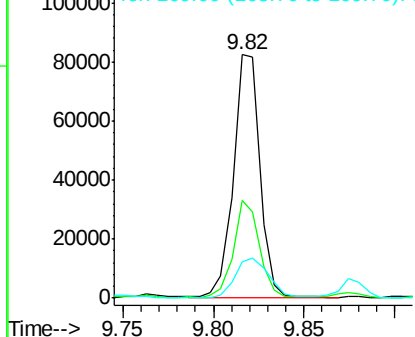


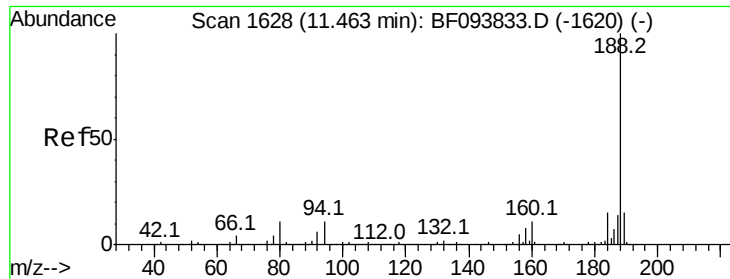
#54
Dibenzofuran
Concen: 3.58 ng
RT: 9.82 min Scan# 1348
Delta R.T. -0.04 min
Lab File: BF094049.D
Acq: 30 Mar 2017 7:13

Tgt Ion:168 Resp: 83364
Ion Ratio Lower Upper
168 100
139 39.9 30.6 45.8
169 15.2 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

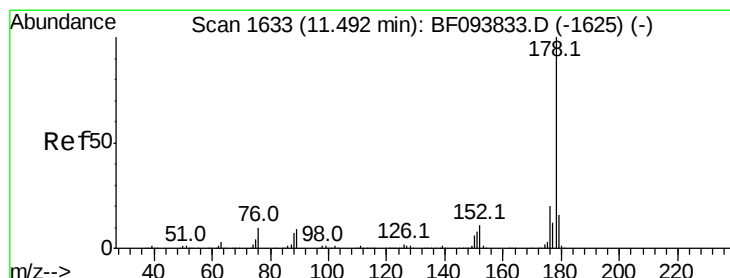
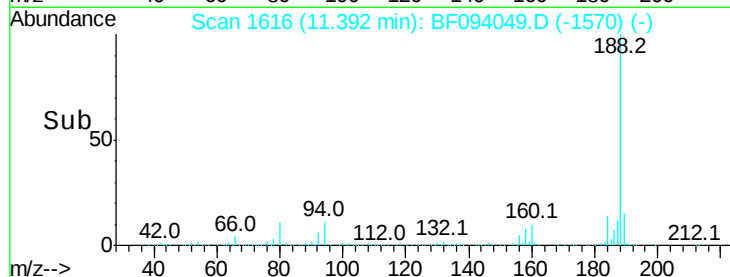
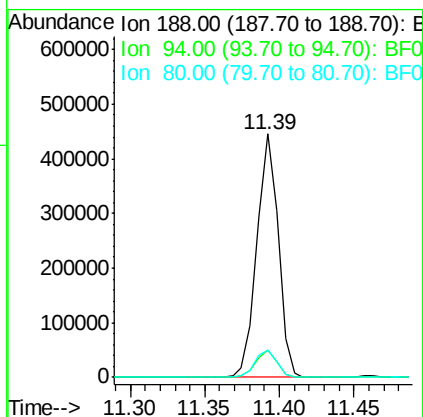
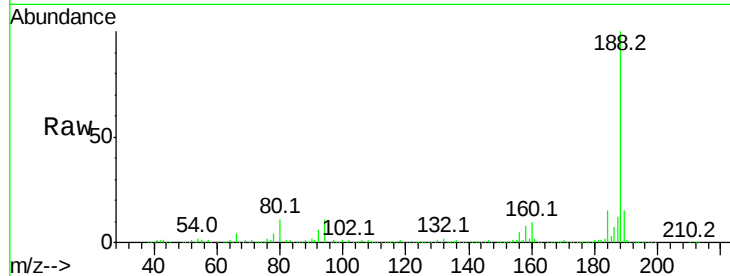




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1616
Delta R.T. -0.03 min
Lab File: BF094049.D
Acq: 30 Mar 2017 7:13

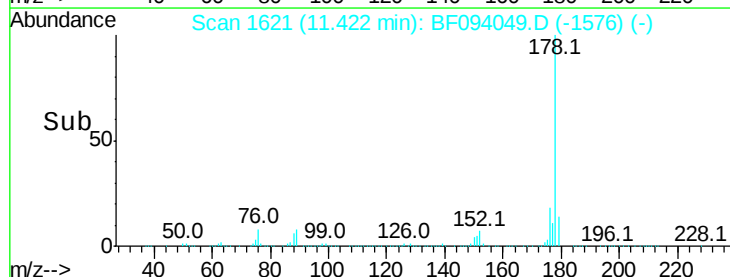
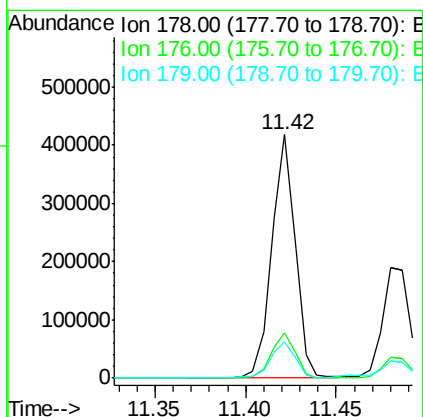
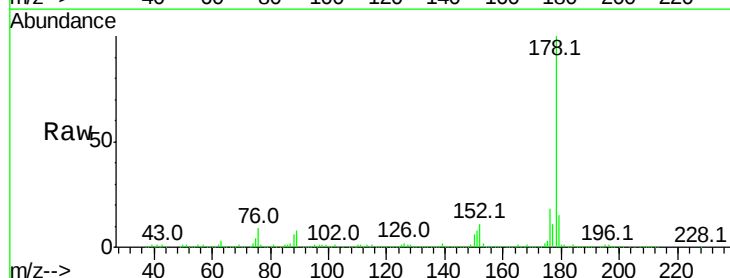
Instrument :
BNA_F
ClientSampleId :
E2-S11-BASE

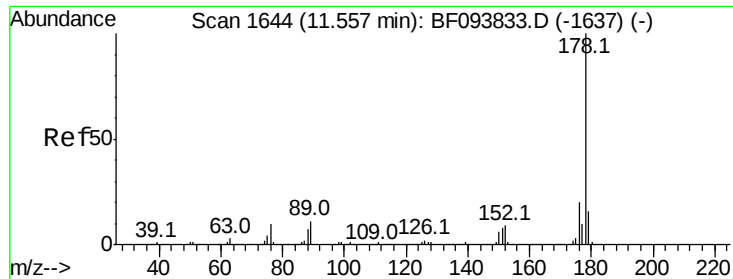
Tot Ion:188 Resp: 437657
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.1 10.2 15.2



#70
Phenanthrene
Concen: 15.35 ng
RT: 11.42 min Scan# 1621
Delta R.T. -0.04 min
Lab File: BF094049.D
Acq: 30 Mar 2017 7:13

Tgt Ion:178 Resp: 373711
Ion Ratio Lower Upper
178 100
176 18.4 16.2 24.4
179 14.7 12.6 19.0





#71

Anthracene

Concen: 7.69 ng

RT: 11.48 min Scan# 1631

Delta R.T. -0.04 min

Lab File: BF094049.D

Acq: 30 Mar 2017 7:13

Instrument :

BNA_F

ClientSampleId :

E2-S11-BASE

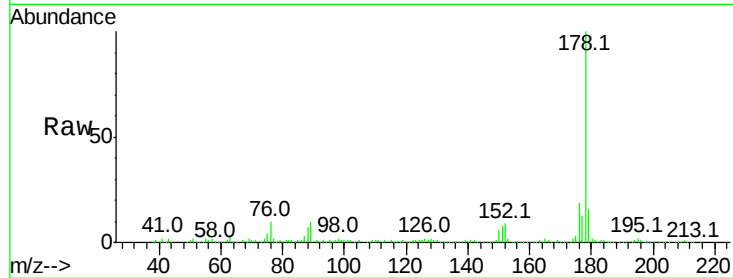
Tot Ion:178 Resp: 192885

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.8

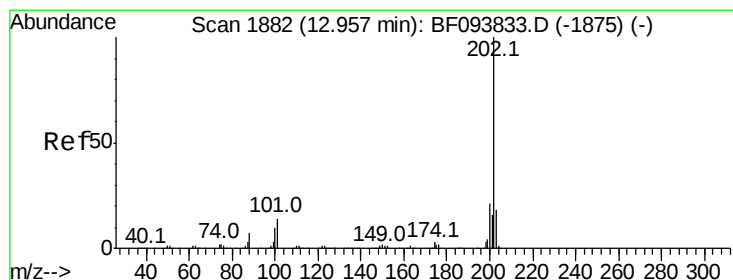
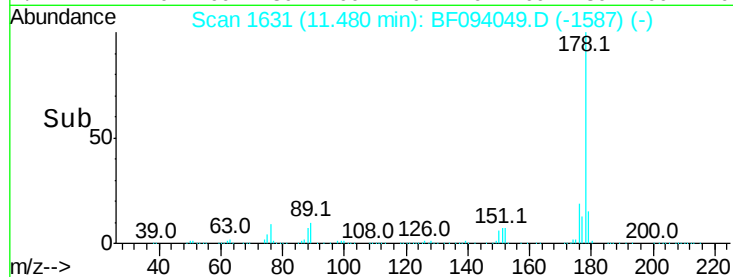
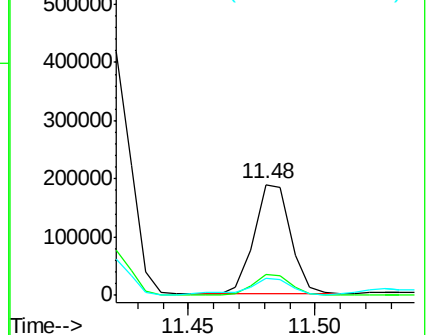
179 15.8 12.7 19.1



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: 29.92 ng

RT: 12.89 min Scan# 1871

Delta R.T. -0.03 min

Lab File: BF094049.D

Acq: 30 Mar 2017 7:13

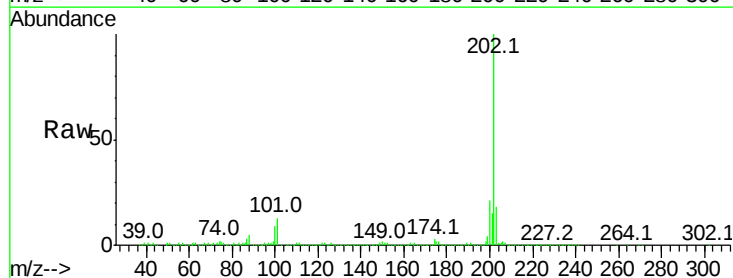
Tgt Ion:202 Resp: 745950

Ion Ratio Lower Upper

202 100

101 12.7 0.0 33.2

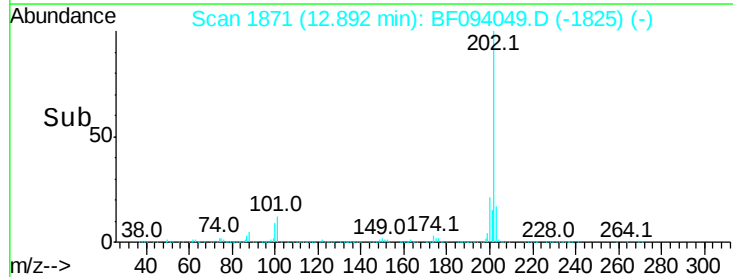
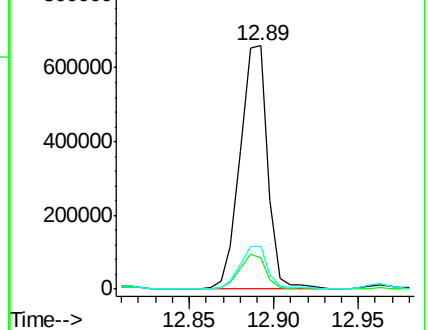
203 17.6 0.0 38.1

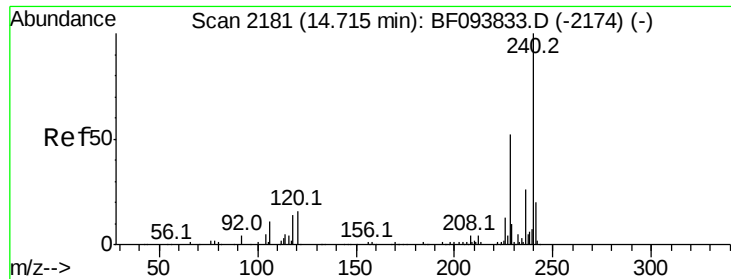


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

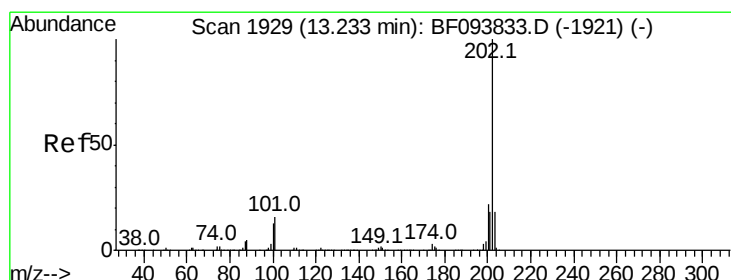
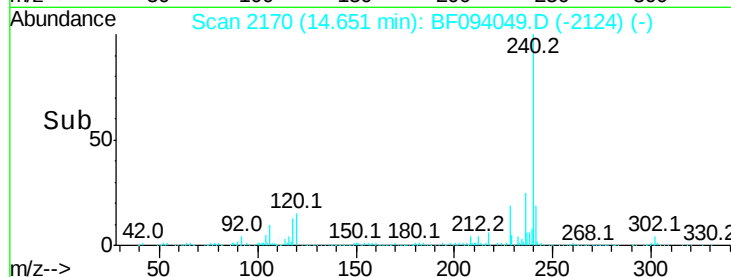
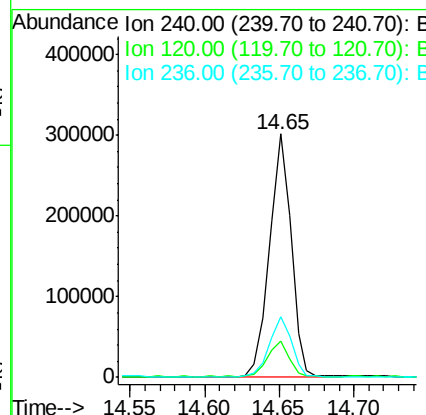
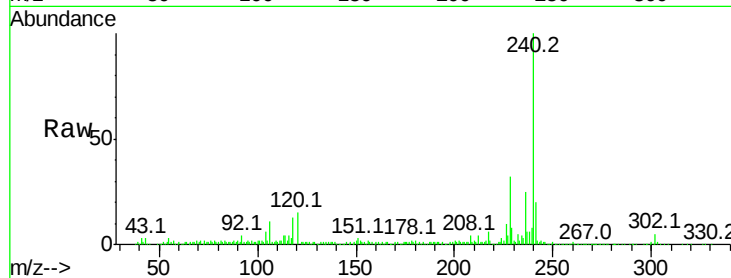




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.65 min Scan# 2170
 Delta R.T. -0.03 min
 Lab File: BF094049.D
 Acq: 30 Mar 2017 7:13

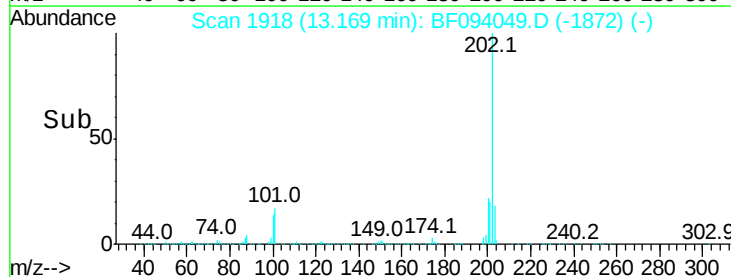
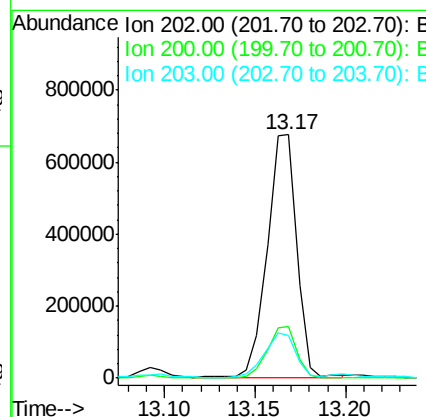
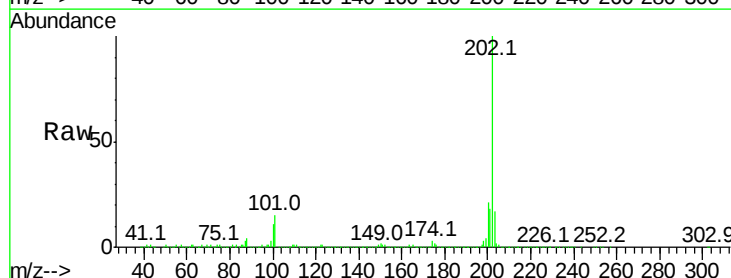
Instrument :
 BNA_F
 ClientSampleId :
 E2-S11-BASE

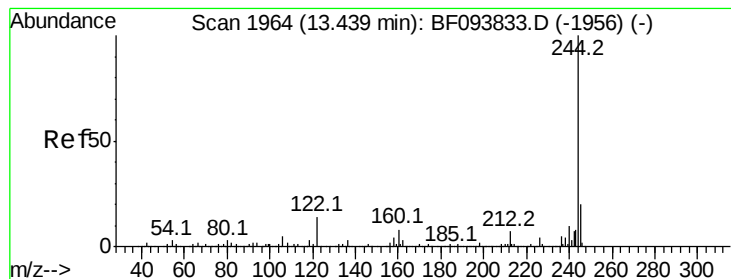
Tot Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	24.9	20.5	30.7



#77
 Pyrene
 Concen: 34.72 ng
 RT: 13.17 min Scan# 1918
 Delta R.T. -0.03 min
 Lab File: BF094049.D
 Acq: 30 Mar 2017 7:13

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	17.3	14.4	21.6





#78

Terphenyl-d14

Concen: 69.78 ng

RT: 13.37 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BF094049.D

Acq: 30 Mar 2017 7:13

Instrument :

BNA_F

ClientSampleId :

E2-S11-BASE

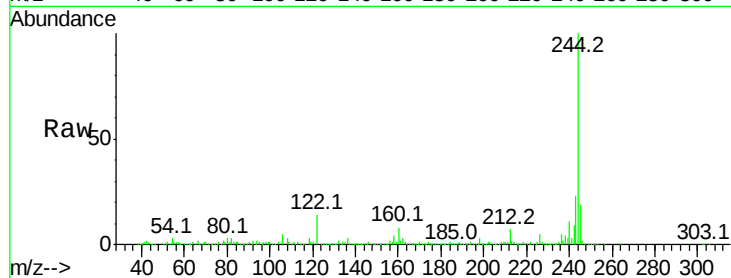
Tot Ion:244 Resp: 940411

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

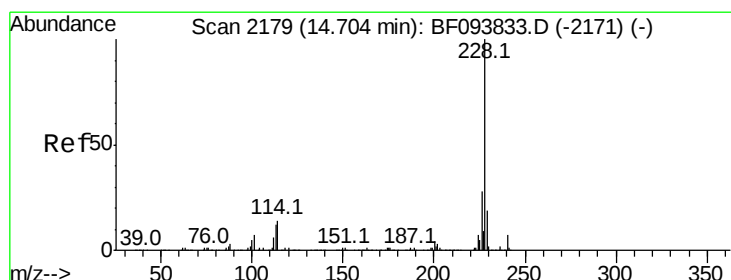
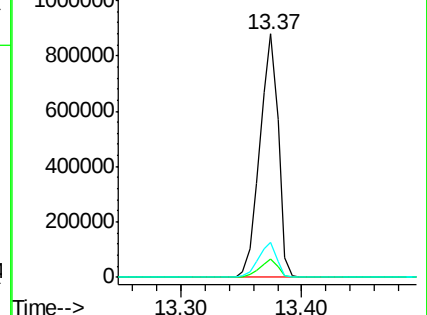
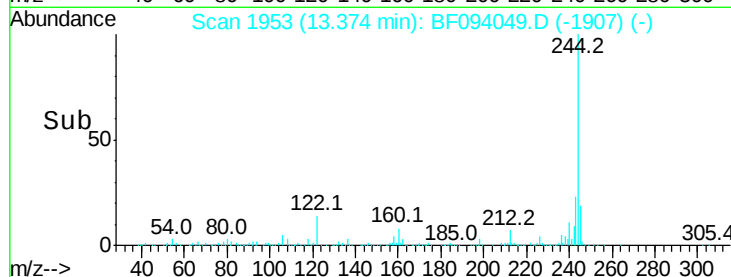
122 14.4 10.3 15.5



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: 26.15 ng

RT: 14.68 min Scan# 2175

Delta R.T. 0.01 min

Lab File: BF094049.D

Acq: 30 Mar 2017 7:13

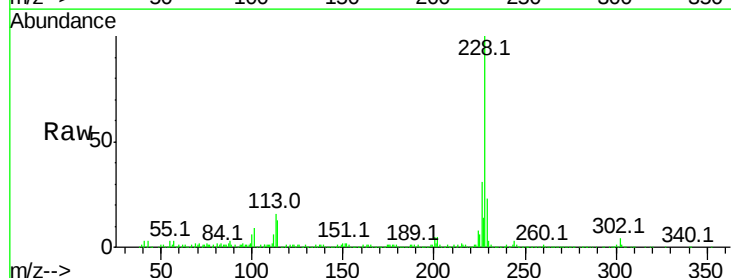
Tgt Ion:228 Resp: 460608

Ion Ratio Lower Upper

228 100

226 31.4 22.6 33.8

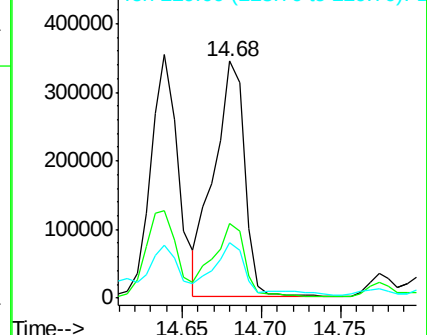
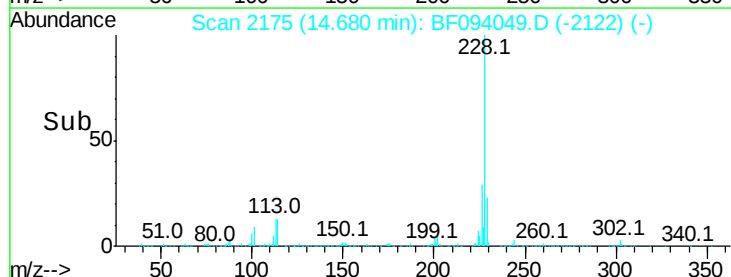
229 23.5 16.3 24.5

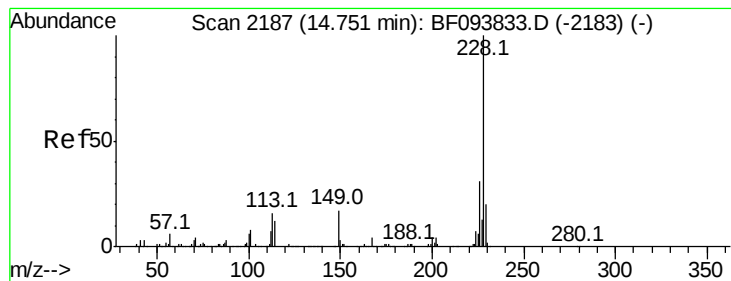


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 28.18 ng

RT: 14.68 min Scan# 2175

Delta R.T. -0.04 min

Lab File: BF094049.D

Acq: 30 Mar 2017 7:13

Instrument :

BNA_F

ClientSampleId :

E2-S11-BASE

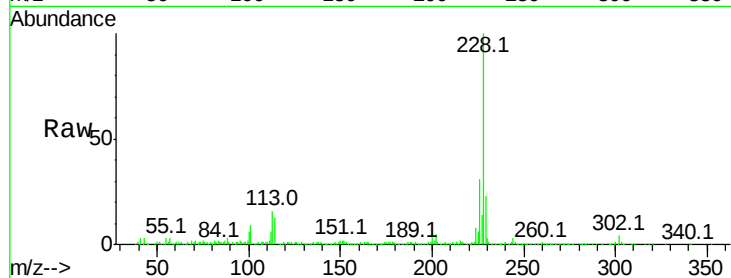
Tot Ion:228 Resp: 460608

Ion Ratio Lower Upper

228 100

226 31.4 24.9 37.3

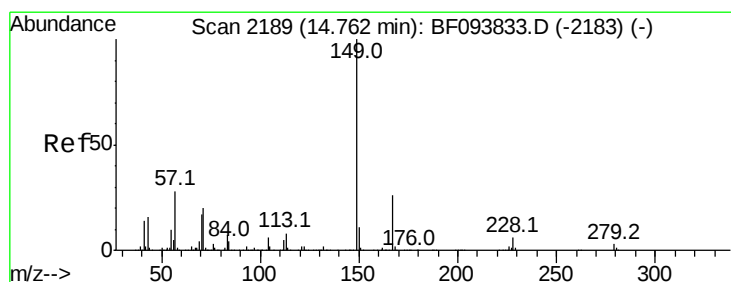
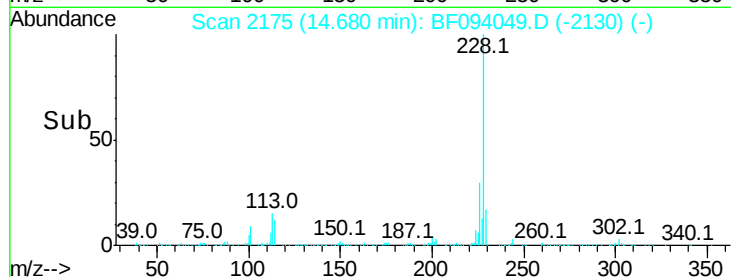
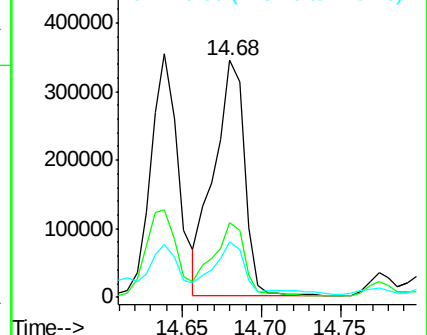
229 23.5 15.8 23.6



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.05 ng

RT: 14.70 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BF094049.D

Acq: 30 Mar 2017 7:13

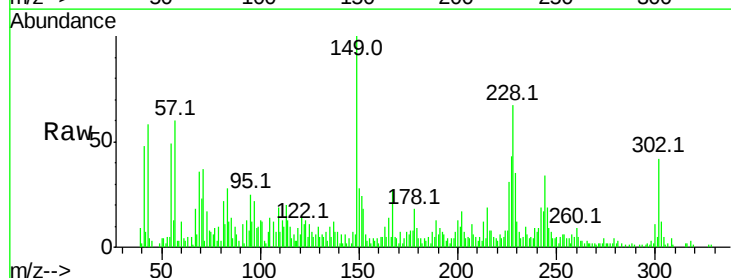
Tgt Ion:149 Resp: 26099

Ion Ratio Lower Upper

149 100

167 27.4 21.0 31.4

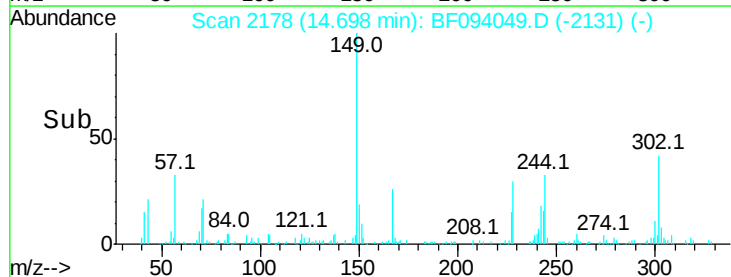
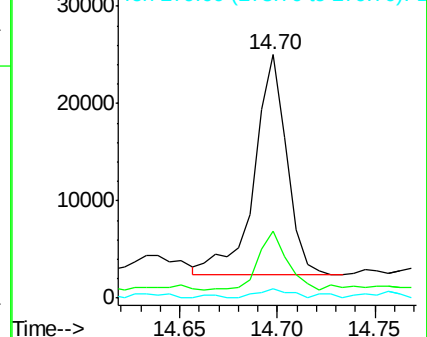
279 3.8 1.9 2.9#

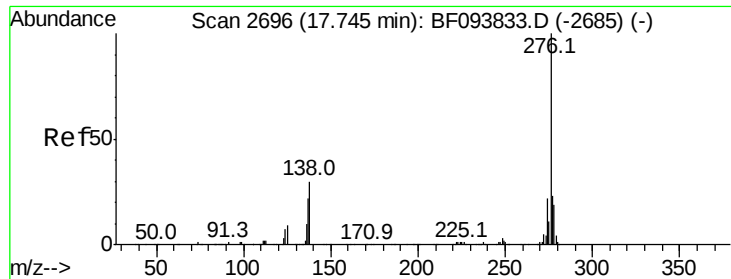


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

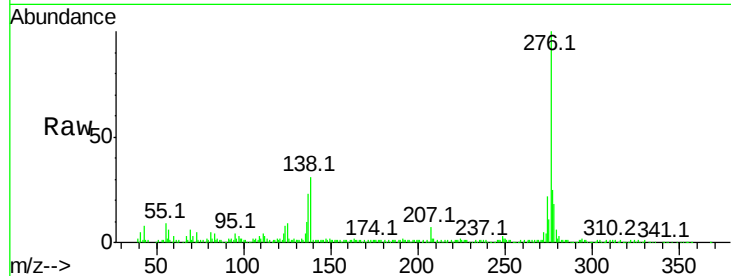




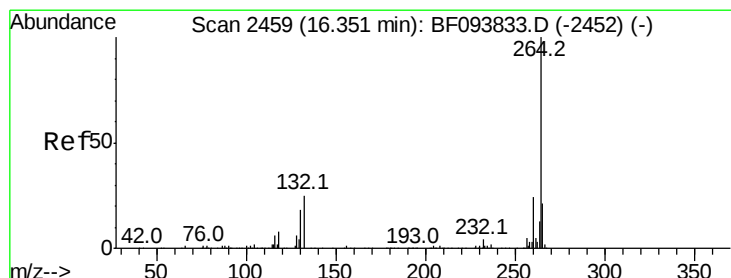
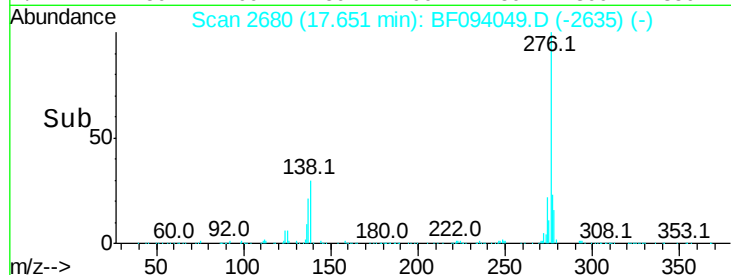
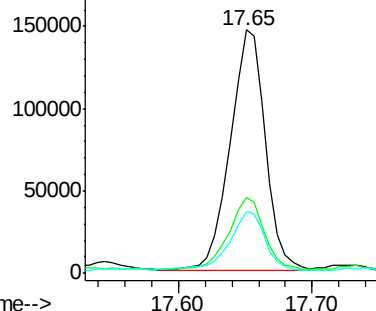
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 18.88 ng
 RT: 17.65 min Scan# 2680
 Delta R.T. -0.04 min
 Lab File: BF094049.D
 Acq: 30 Mar 2017 7:13

Instrument :
 BNA_F
 ClientSampleId :
 E2-S11-BASE

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.7	27.8	41.6
277	26.2	20.2	30.4

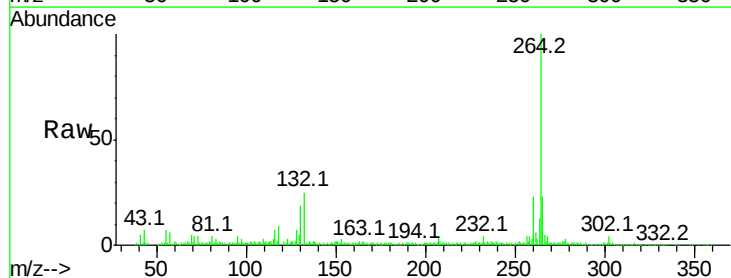


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

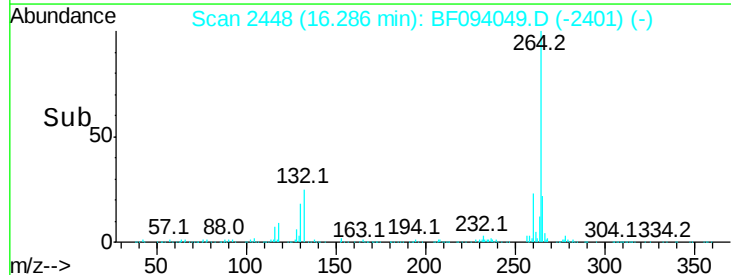
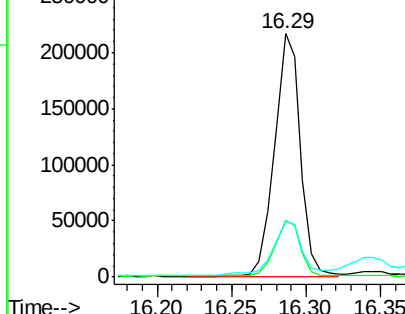


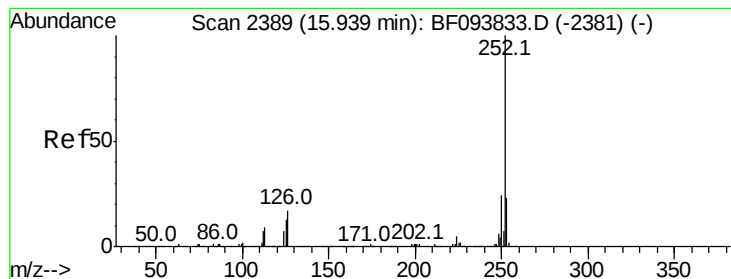
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.29 min Scan# 2448
 Delta R.T. -0.02 min
 Lab File: BF094049.D
 Acq: 30 Mar 2017 7:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	22.6	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 60.45 ng

RT: 15.88 min Scan# 2379

Delta R.T. -0.02 min

Lab File: BF094049.D

Acq: 30 Mar 2017 7:13

Instrument :

BNA_F

ClientSampleId :

E2-S11-BASE

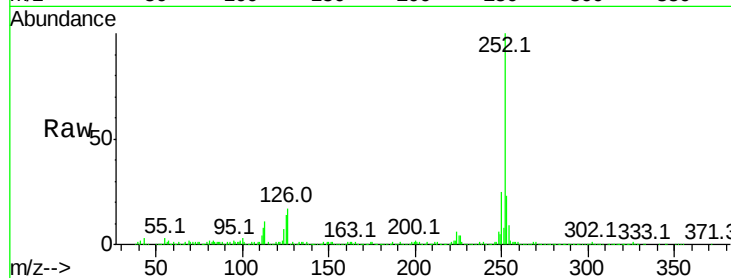
Tot Ion:252 Resp: 968928

Ion Ratio Lower Upper

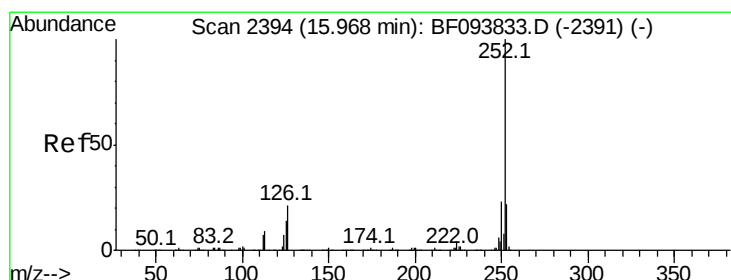
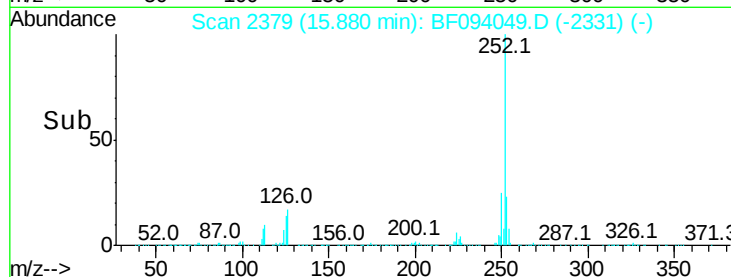
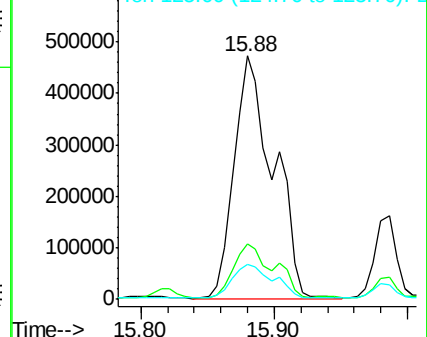
252 100

253 23.0 18.1 27.1

125 14.3 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: 61.78 ng

RT: 15.88 min Scan# 2379

Delta R.T. -0.05 min

Lab File: BF094049.D

Acq: 30 Mar 2017 7:13

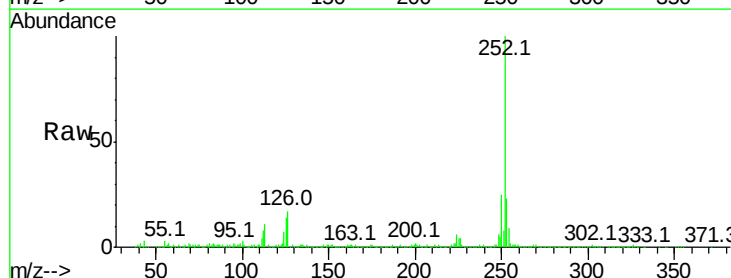
Tgt Ion:252 Resp: 968928

Ion Ratio Lower Upper

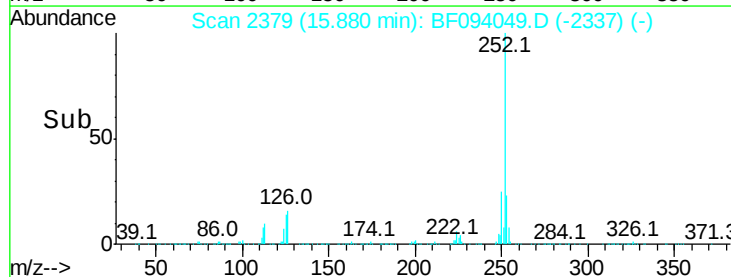
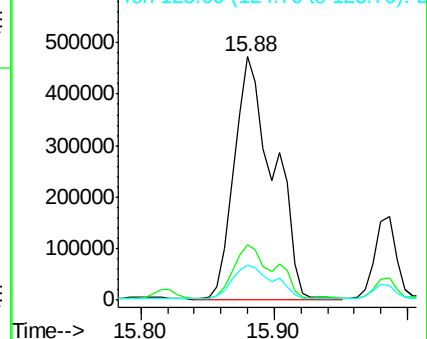
252 100

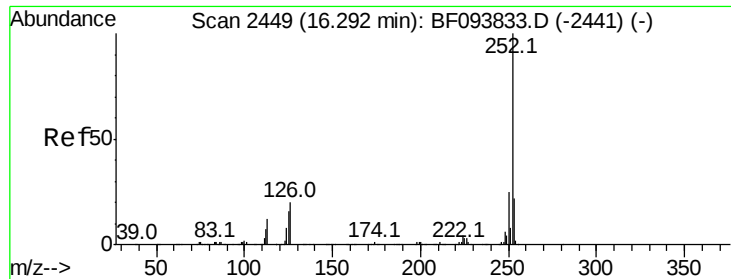
253 23.0 18.4 27.6

125 14.3 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: 28.99 ng

RT: 16.23 min Scan# 2438

Delta R.T. -0.02 min

Lab File: BF094049.D

Acq: 30 Mar 2017 7:13

Instrument :

BNA_F

ClientSampleId :

E2-S11-BASE

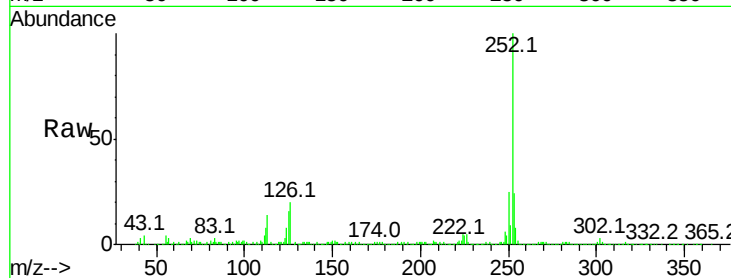
Tot Ion:252 Resp: 427868

Ion Ratio Lower Upper

252 100

253 23.9 17.5 26.3

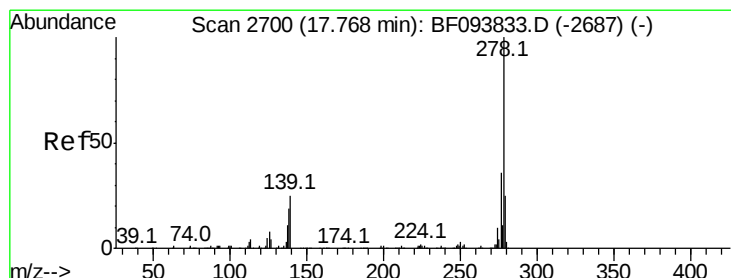
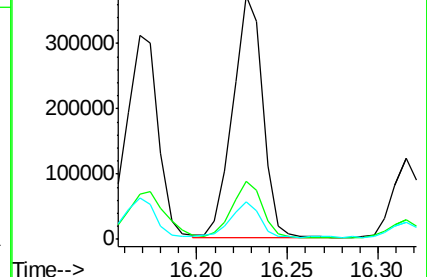
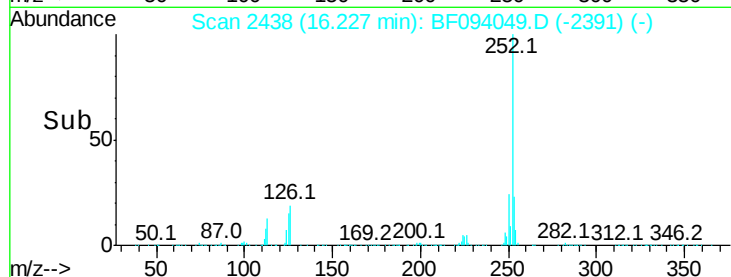
125 15.6 11.0 16.4



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: 5.45 ng

RT: 17.66 min Scan# 2682

Delta R.T. -0.05 min

Lab File: BF094049.D

Acq: 30 Mar 2017 7:13

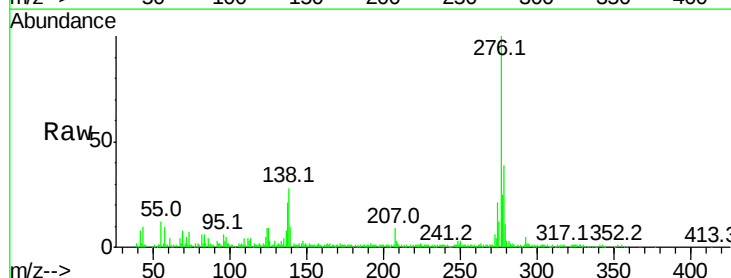
Tgt Ion:278 Resp: 68180

Ion Ratio Lower Upper

278 100

139 25.4 16.6 24.8#

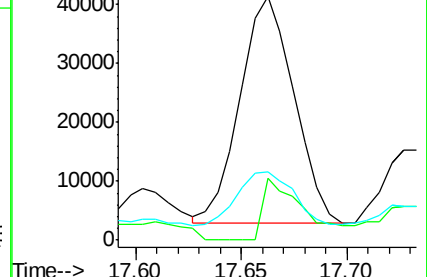
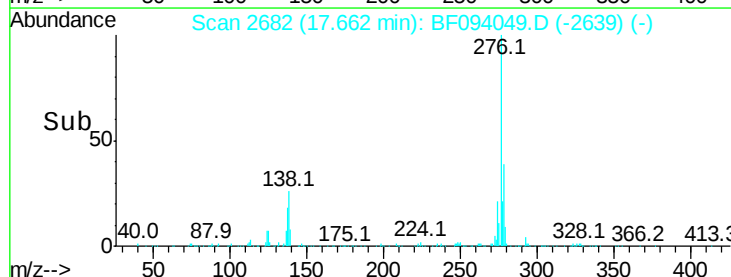
279 28.1 19.3 28.9

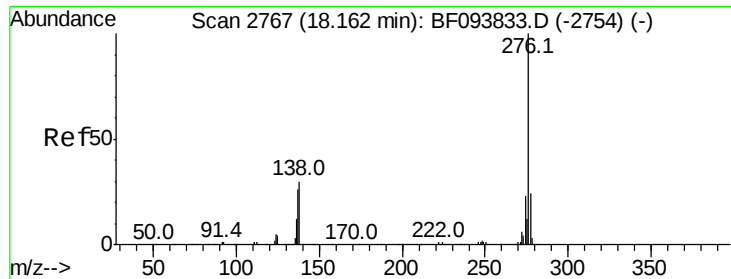


Abundance Ion 278.00 (277.70 to 278.70): E

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: 18.51 ng
 RT: 18.06 min Scan# 2749
 Delta R.T. -0.04 min
 Lab File: BF094049.D
 Acq: 30 Mar 2017 7:13

Instrument :
 BNA_F
 ClientSampleId :
 E2-S11-BASE

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	28.7	25.4	38.0

