

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
 Data File : BF094150.D
 Acq On : 4 Apr 2017 6:09
 Operator : SJ/MA
 Sample : I2510-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q-P-11-12-BASE

Quant Time: Apr 04 06:54:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.89	152	169744	20.00	ng	-0.02
21) Naphthalene-d8	7.39	136	634493	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	241894	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	357315	20.00	ng	-0.02
75) Chrysene-d12	14.62	240	303402	20.00	ng	-0.01
86) Perylene-d12	16.25	264	220172	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.43	112	1062264	105.70	ng	0.00
7) Phenol-d6	5.50	99	1327158	106.75	ng	-0.01
23) Nitrobenzene-d5	6.54	82	723076	65.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	178644	93.46	ng	-0.01
44) 2-Fluorobiphenyl	8.72	172	1291901	81.46	ng	-0.02
78) Terphenyl-d14	13.34	244	806330	59.57	ng	-0.01

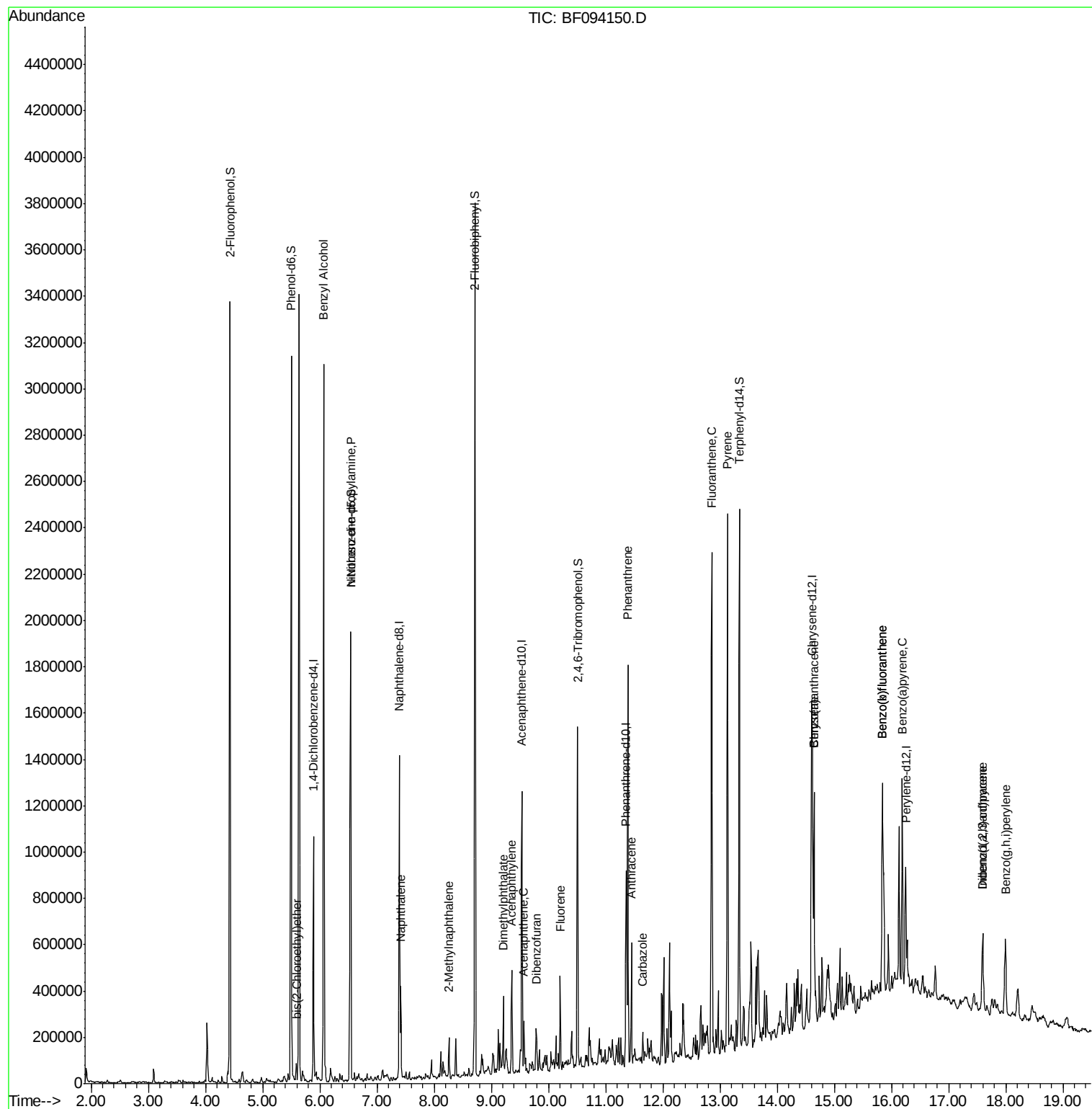
Target Compounds				Qvalue		
11) bis(2-Chloroethyl)ether	5.59	93	25968	2.35	ng	95
15) Benzyl Alcohol	6.07	79	28986	3.19	ng	# 51
19) n-Nitroso-di-n-propylamine	6.54	70	96252	12.05	ng	# 75
31) Naphthalene	7.42	128	166908	5.47	ng	98
37) 2-Methylnaphthalene	8.26	142	51390	2.53	ng	95
48) Acenaphthylene	9.36	152	192312	7.58	ng	100
49) Dimethylphthalate	9.21	163	124745	7.25	ng	97
51) Acenaphthene	9.57	154	44550	3.01	ng	99
54) Dibenzofuran	9.79	168	64902	3.22	ng	99
57) Fluorene	10.20	166	106665	6.38	ng	99
70) Phenanthrene	11.39	178	718808	36.16	ng	99
71) Anthracene	11.45	178	220839	10.79	ng	98
72) Carbazole	11.65	167	55780	2.66	ng	98
74) Fluoranthene	12.86	202	958924	47.11	ng	99
77) Pyrene	13.13	202	1046459	47.53	ng	99
80) Benzo(a)anthracene	14.64	228	466971	26.39	ng	95
82) Chrysene	14.64	228	466971	28.44	ng	97
85) Indeno(1,2,3-cd)pyrene	17.59	276	215772	15.17	ng	95
87) Benzo(b)fluoranthene	15.84	252	707454	52.42	ng	# 96
88) Benzo(k)fluoranthene	15.84	252	707454	53.58	ng	100
89) Benzo(a)pyrene	16.19	252	382333	30.76	ng	100
90) Dibenz(a,h)anthracene	17.60	278	46824	4.45	ng	# 90
91) Benzo(g,h,i)perylene	17.99	276	237592	22.40	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: 5.89 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF094150.D

Acq: 4 Apr 2017 6:09

Instrument :

BNA_F

ClientSampleId :

E2-Q-P-11-12-BASE

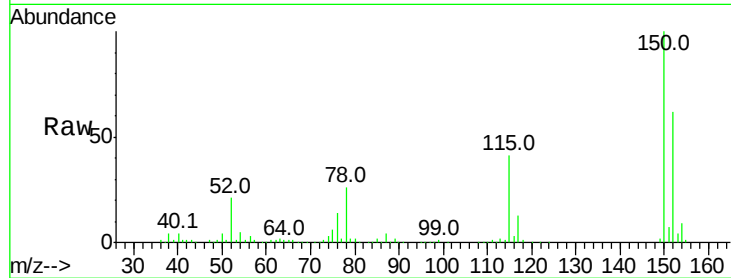
Tot Ion:152 Resp: 169744

Ion Ratio Lower Upper

152 100

150 160.6 126.2 189.2

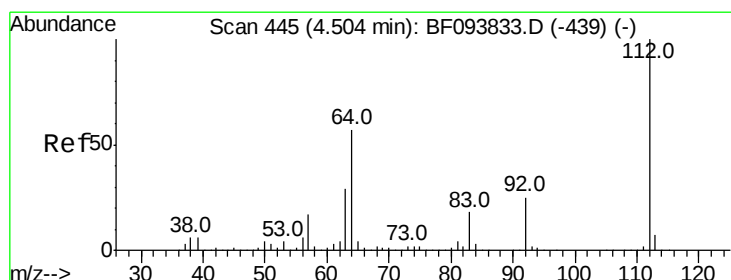
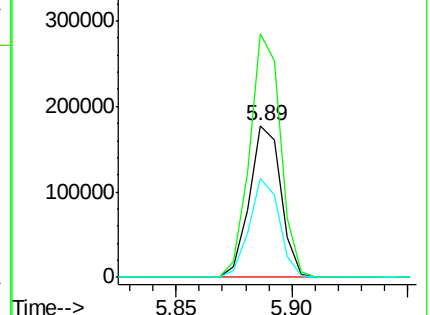
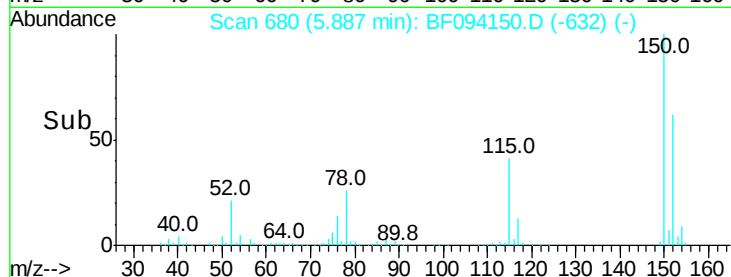
115 65.1 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 105.70 ng

RT: 4.43 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF094150.D

Acq: 4 Apr 2017 6:09

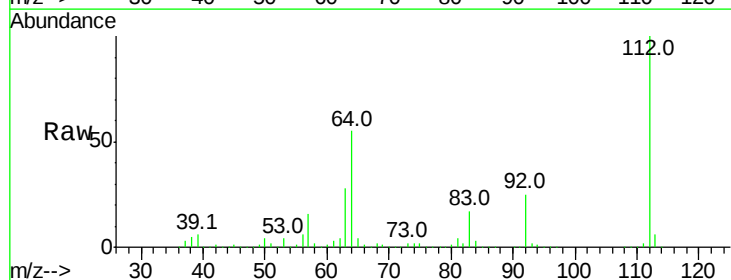
Tgt Ion:112 Resp: 1062264

Ion Ratio Lower Upper

112 100

64 55.4 46.0 69.0

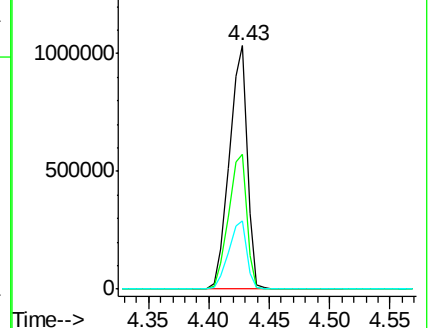
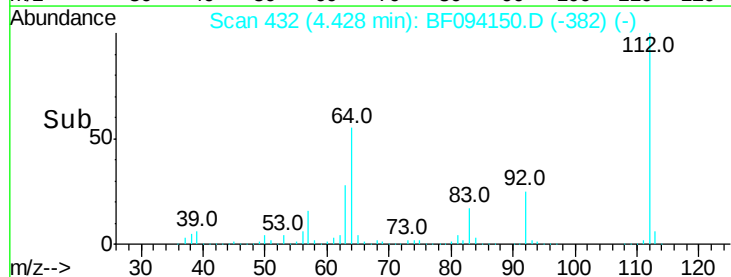
63 28.0 23.4 35.0

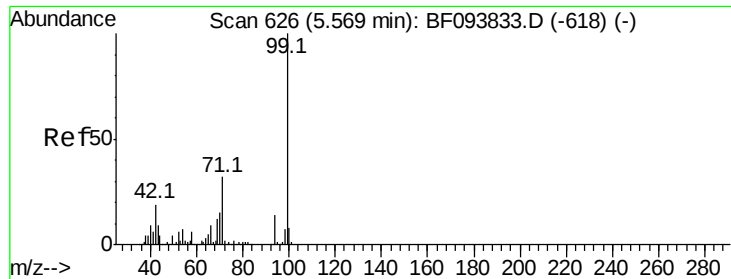


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.75 ng

RT: 5.50 min Scan# 614

Delta R.T. -0.01 min

Lab File: BF094150.D

Acq: 4 Apr 2017 6:09

Instrument :

BNA_F

ClientSampleId :

E2-Q-P-11-12-BASE

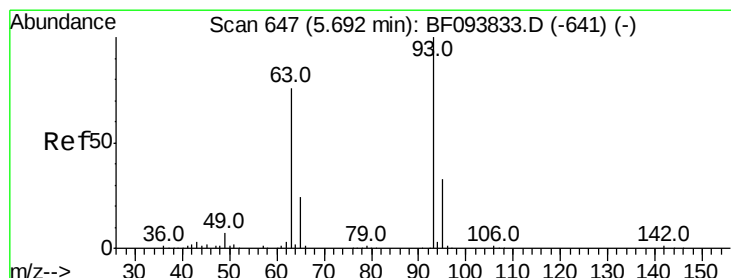
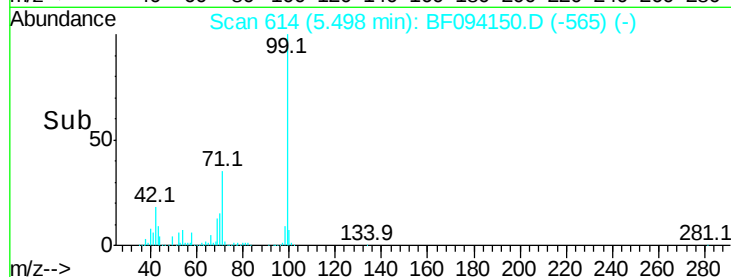
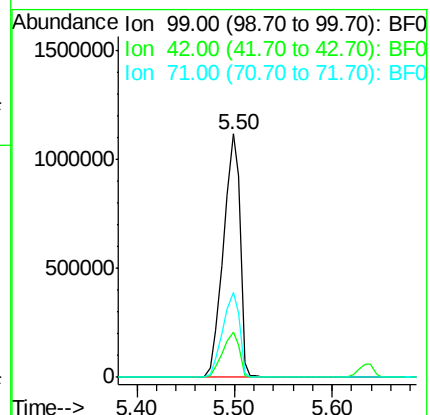
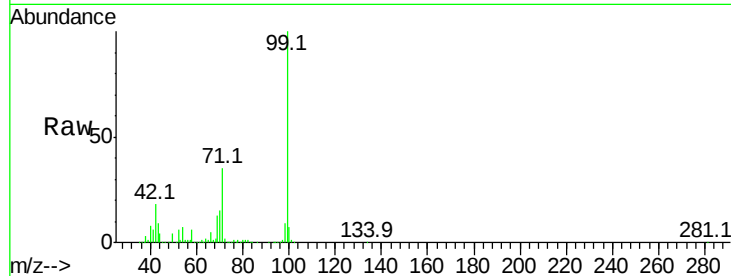
Tot Ion: 99 Resp: 1327158

Ion Ratio Lower Upper

99 100

42 18.4 13.5 20.3

71 34.7 24.5 36.7



#11

bis(2-Chloroethyl)ether

Concen: 2.35 ng

RT: 5.59 min Scan# 630

Delta R.T. -0.02 min

Lab File: BF094150.D

Acq: 4 Apr 2017 6:09

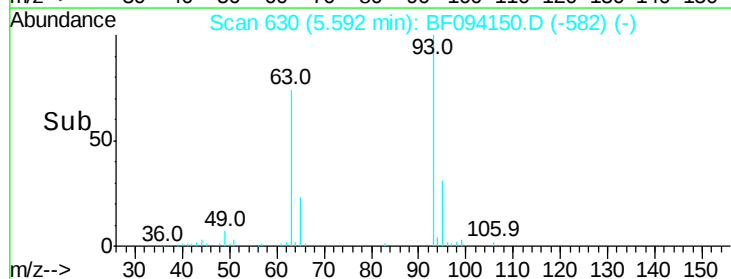
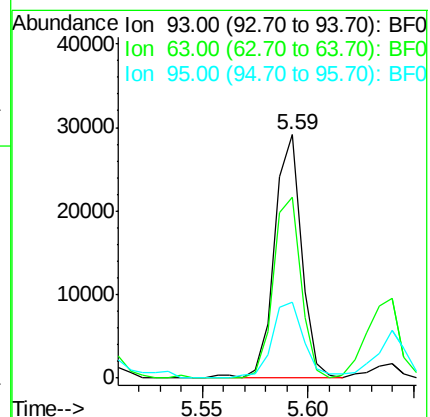
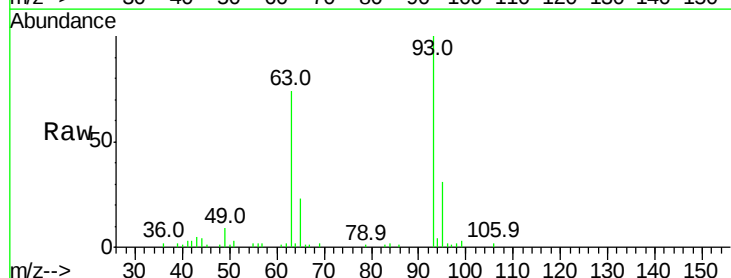
Tgt Ion: 93 Resp: 25968

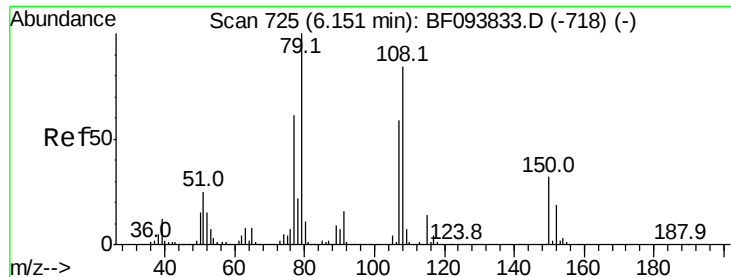
Ion Ratio Lower Upper

93 100

63 74.4 59.2 99.2

95 31.3 12.8 52.8





#15

Benzyl Alcohol

Concen: 3.19 ng

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF094150.D

Acq: 4 Apr 2017 6:09

Instrument :

BNA_F

ClientSampleId :

E2-Q-P-11-12-BASE

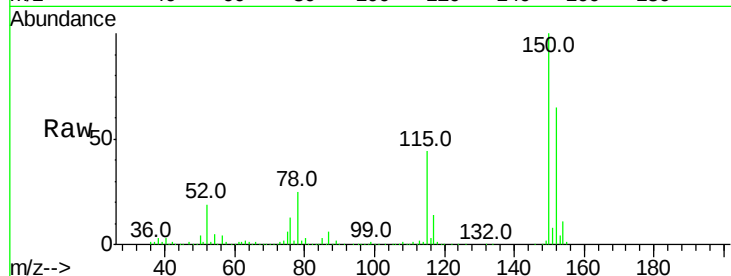
Tot Ion: 79 Resp: 28986

Ion Ratio Lower Upper

79 100

108 34.2 63.4 95.0#

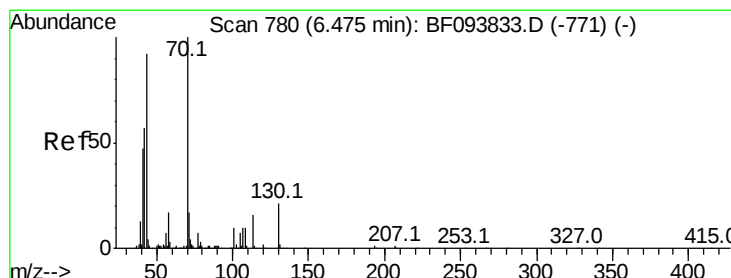
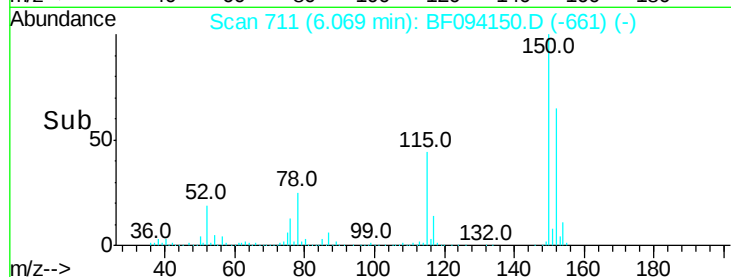
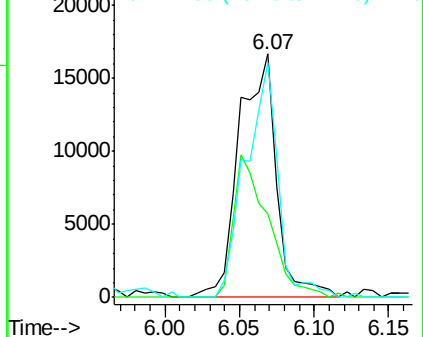
77 96.6 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 12.05 ng

RT: 6.54 min Scan# 791

Delta R.T. 0.15 min

Lab File: BF094150.D

Acq: 4 Apr 2017 6:09

Tgt Ion: 70 Resp: 96252

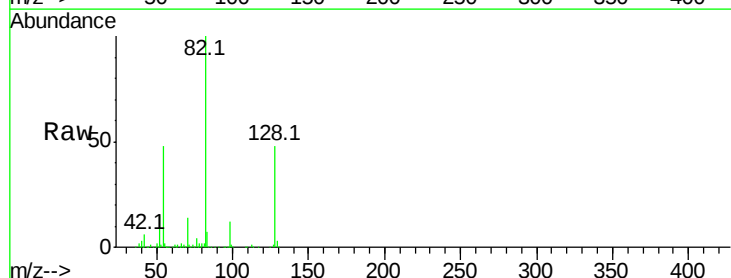
Ion Ratio Lower Upper

70 100

42 43.7 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

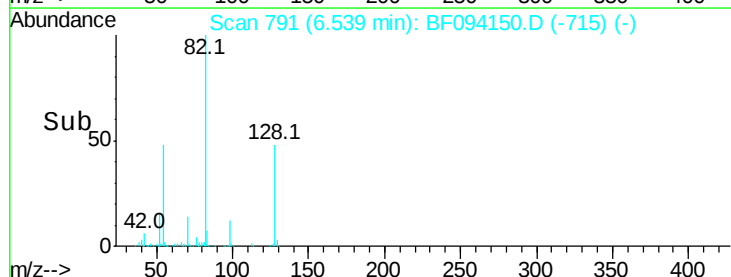
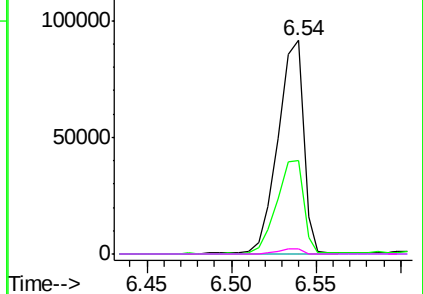


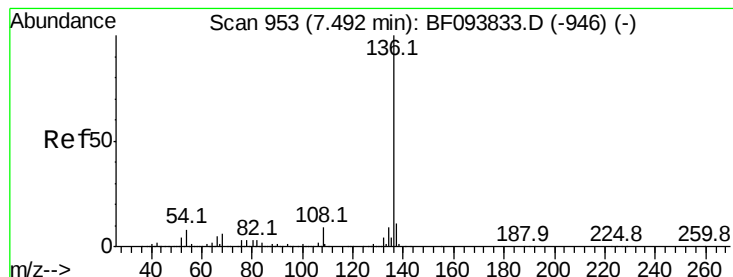
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.39 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF094150.D

Acq: 4 Apr 2017 6:09

Instrument :

BNA_F

ClientSampleId :

E2-Q-P-11-12-BASE

Tot Ion:136 Resp: 634493

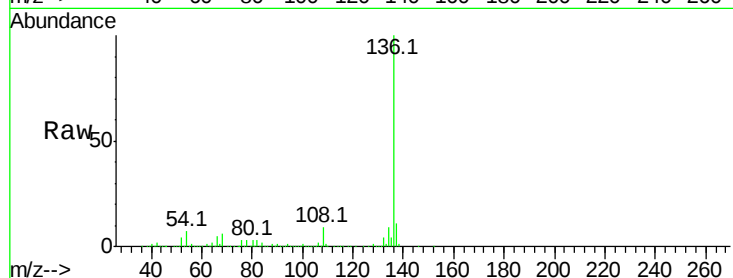
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.3 4.9 7.3

68 6.0 4.1 6.1

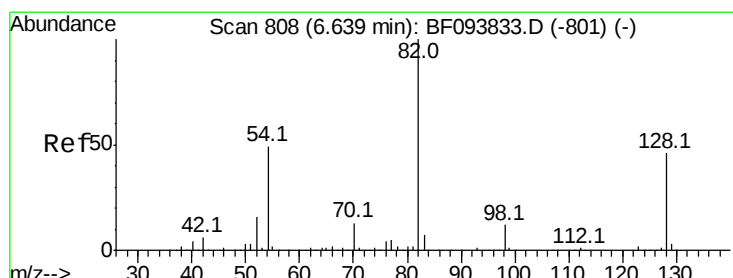
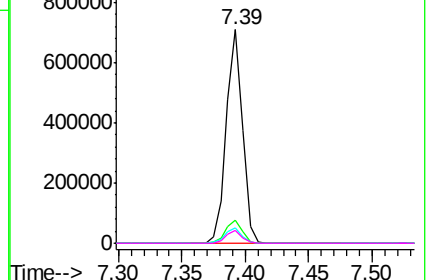
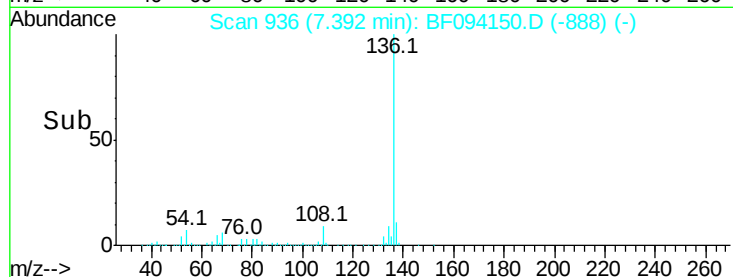


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.04 ng

RT: 6.54 min Scan# 791

Delta R.T. -0.02 min

Lab File: BF094150.D

Acq: 4 Apr 2017 6:09

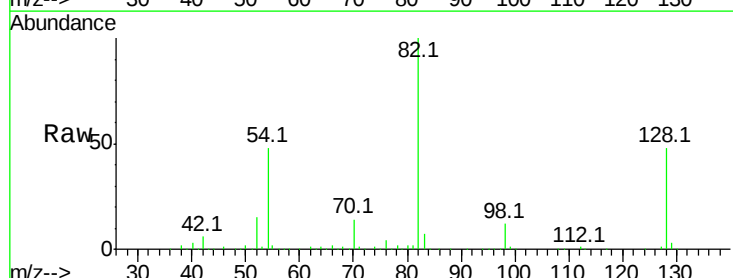
Tgt Ion: 82 Resp: 723076

Ion Ratio Lower Upper

82 100

128 48.4 34.0 51.0

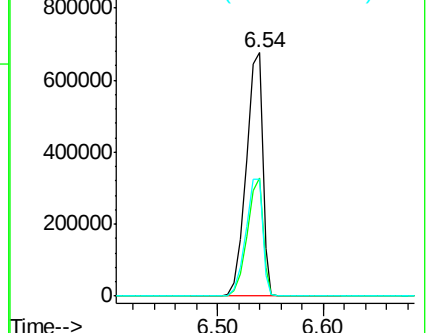
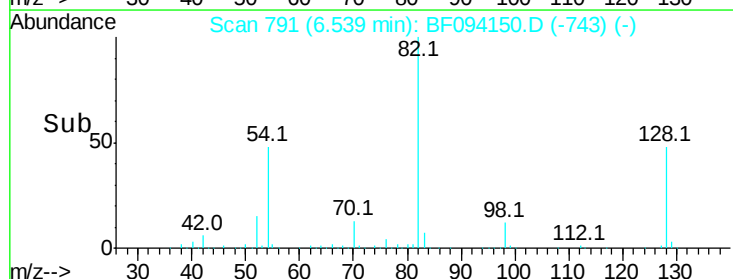
54 48.0 42.2 63.2

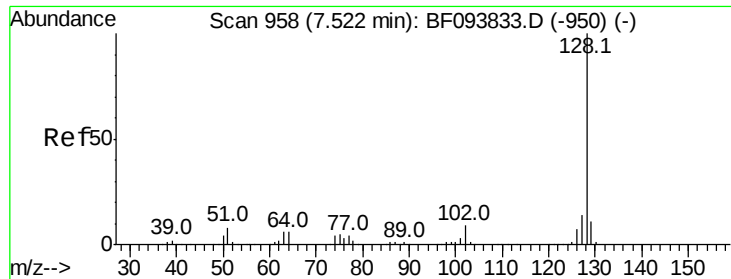


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

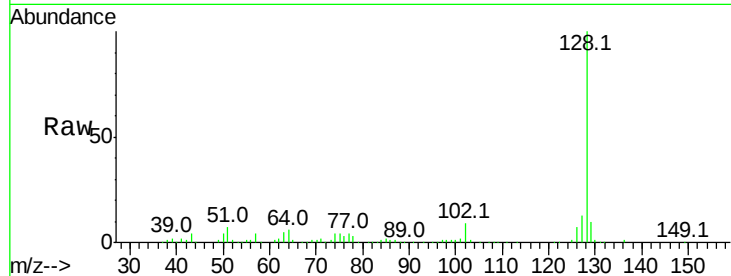




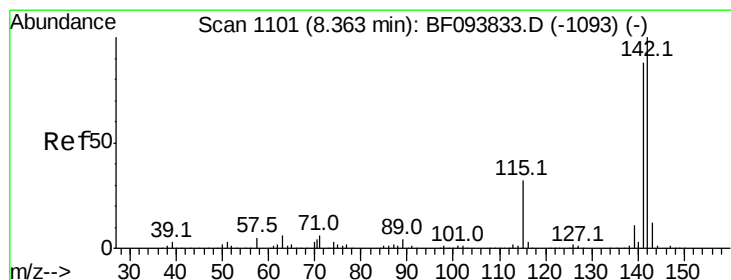
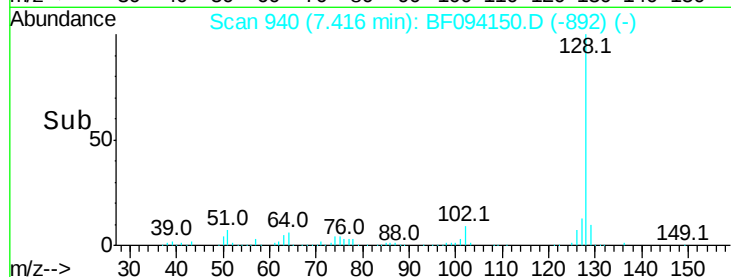
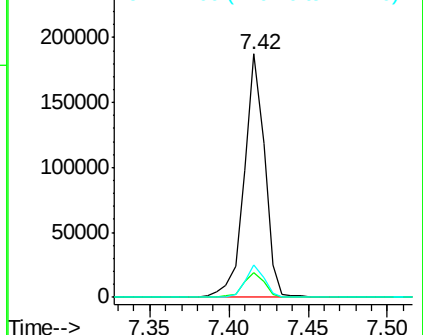
#31
Naphthalene
Concen: 5.47 ng
RT: 7.42 min Scan# 940
Delta R.T. -0.02 min
Lab File: BF094150.D
Acq: 4 Apr 2017 6:09

Instrument :
BNA_F
ClientSampleId :
E2-Q-P-11-12-BASE

Tot Ion:128 Resp: 166908
Ion Ratio Lower Upper
128 100
129 10.4 9.0 13.6
127 13.1 10.8 16.2

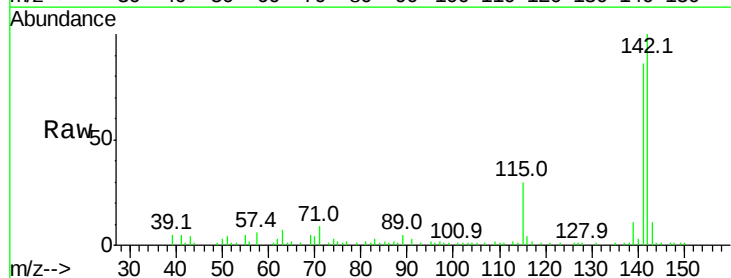


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

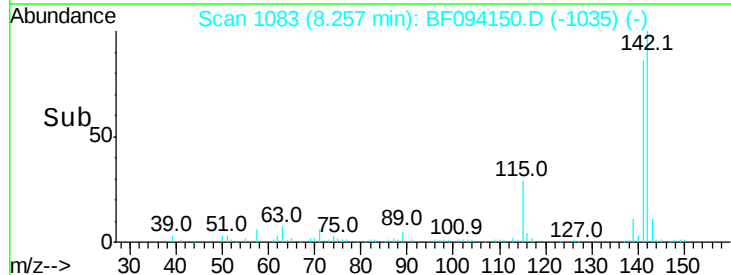
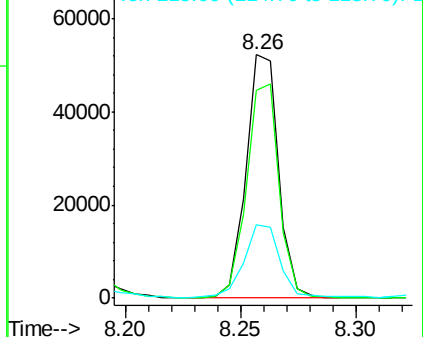


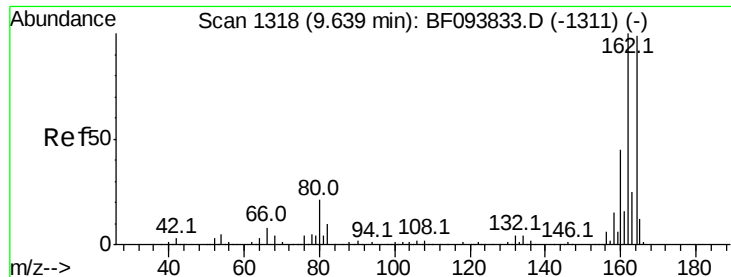
#37
2-Methylnaphthalene
Concen: 2.53 ng
RT: 8.26 min Scan# 1083
Delta R.T. -0.02 min
Lab File: BF094150.D
Acq: 4 Apr 2017 6:09

Tgt Ion:142 Resp: 51390
Ion Ratio Lower Upper
142 100
141 85.6 71.3 106.9
115 30.1 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

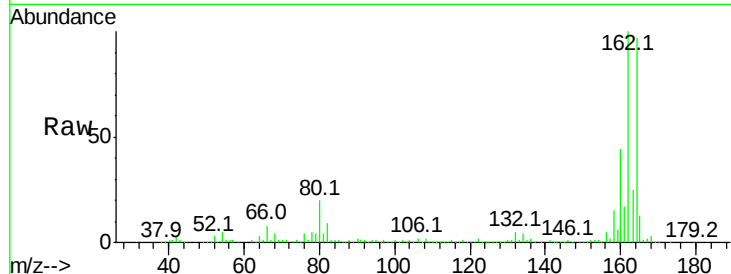




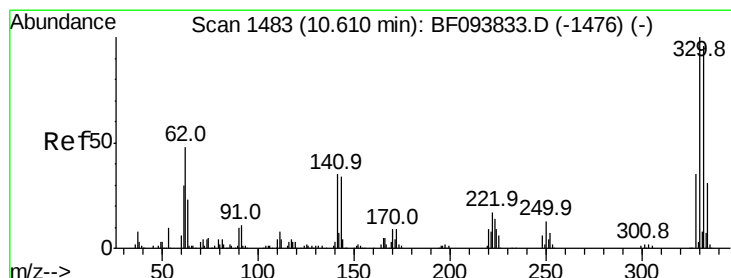
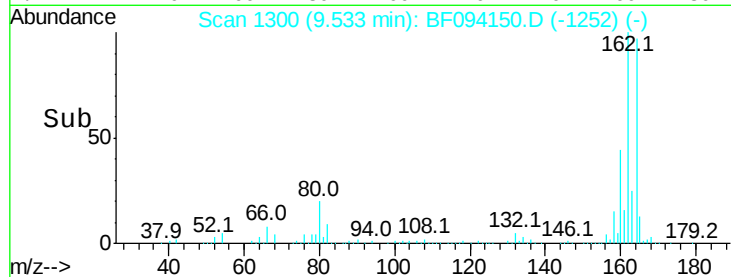
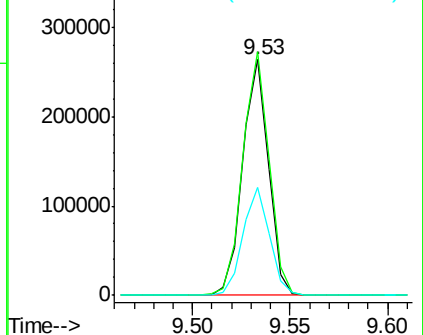
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF094150.D
 Acq: 4 Apr 2017 6:09

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q-P-11-12-BASE

Tot Ion:164 Resp: 241894
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.6 123.8
 160 45.8 36.2 54.2

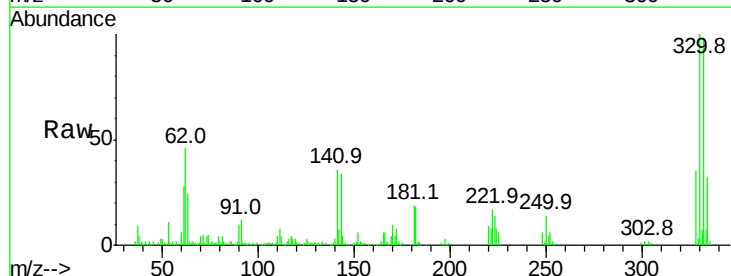


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

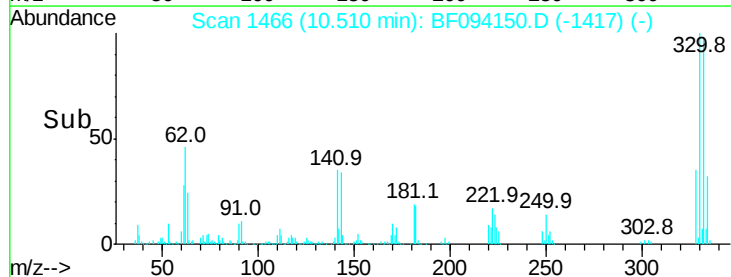
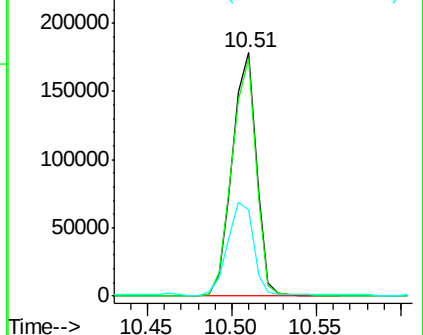


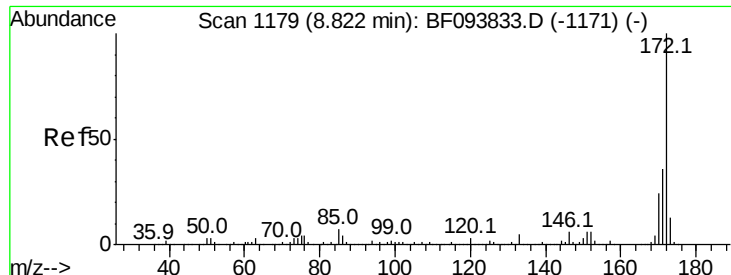
#41
 2,4,6-Tribromophenol
 Concen: 93.46 ng
 RT: 10.51 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF094150.D
 Acq: 4 Apr 2017 6:09

Tgt Ion:330 Resp: 178644
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 40.5 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

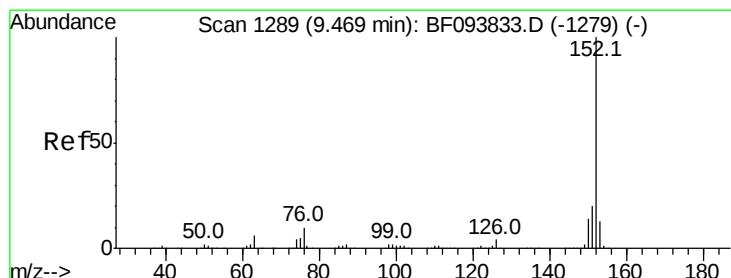
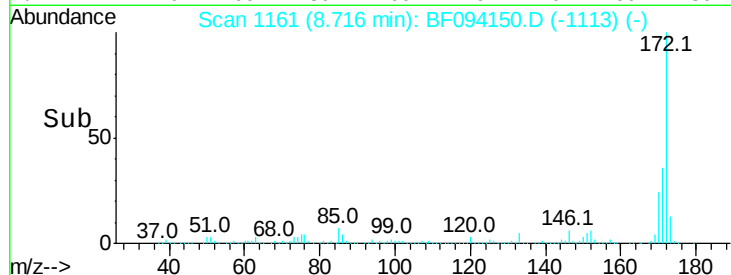
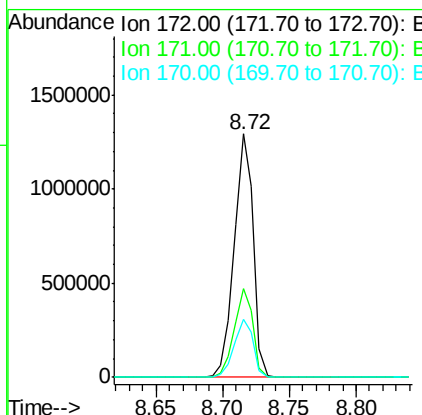
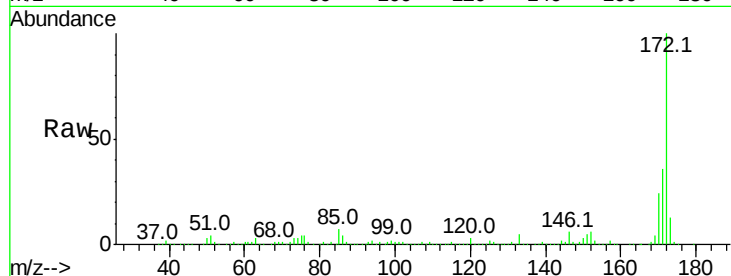




#44
 2-Fluorobiphenyl
 Concen: 81.46 ng
 RT: 8.72 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BF094150.D
 Acq: 4 Apr 2017 6:09

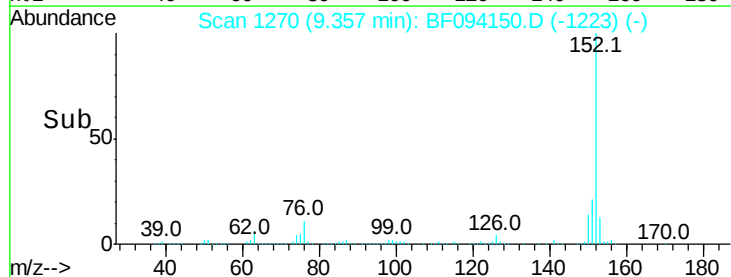
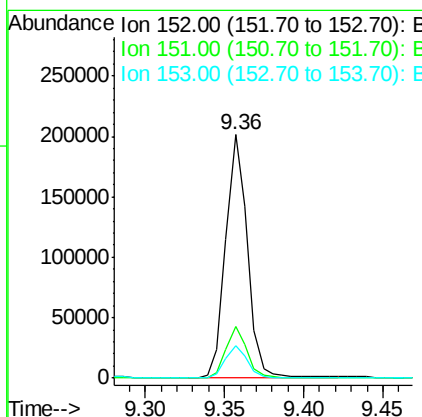
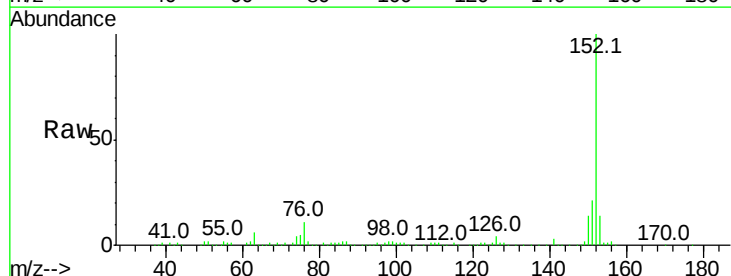
Instrument :
 BNA_F
 ClientSampleId :
 E2-Q-P-11-12-BASE

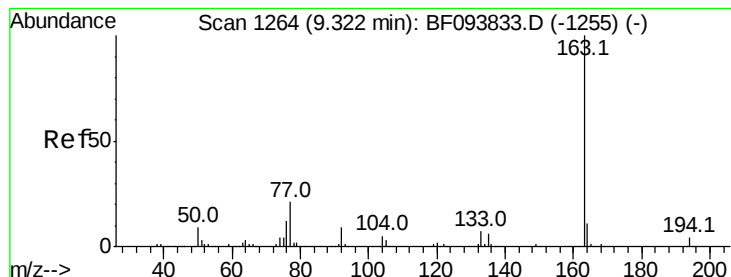
Tot Ion:172 Resp: 1291901
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.9 19.8 29.8



#48
 Acenaphthylene
 Concen: 7.58 ng
 RT: 9.36 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: BF094150.D
 Acq: 4 Apr 2017 6:09

Tgt Ion:152 Resp: 192312
 Ion Ratio Lower Upper
 152 100
 151 21.1 16.8 25.2
 153 13.5 10.8 16.2





#49

Dimethylphthalate

Concen: 7.25 ng

RT: 9.21 min Scan# 1245

Delta R.T. -0.04 min

Lab File: BF094150.D

Acq: 4 Apr 2017 6:09

Instrument :

BNA_F

ClientSampleId :

E2-Q-P-11-12-BASE

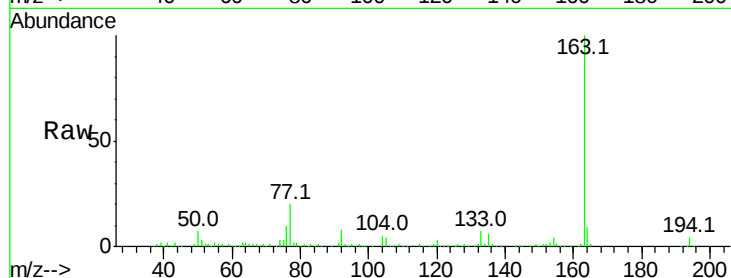
Tot Ion:163 Resp: 124745

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

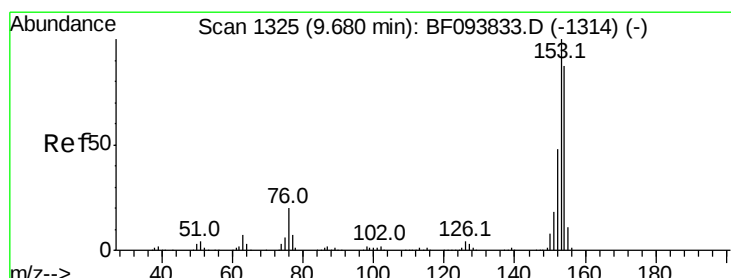
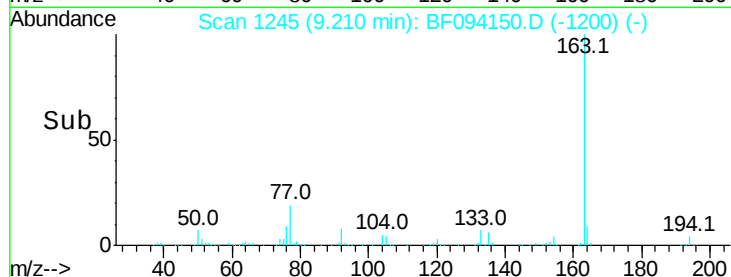
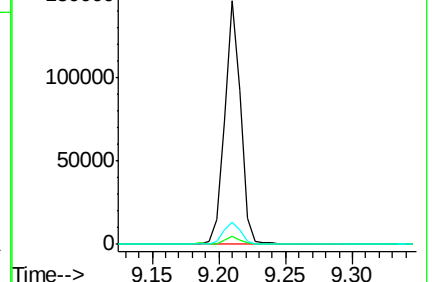
164 9.2 8.4 12.6



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: 3.01 ng

RT: 9.57 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF094150.D

Acq: 4 Apr 2017 6:09

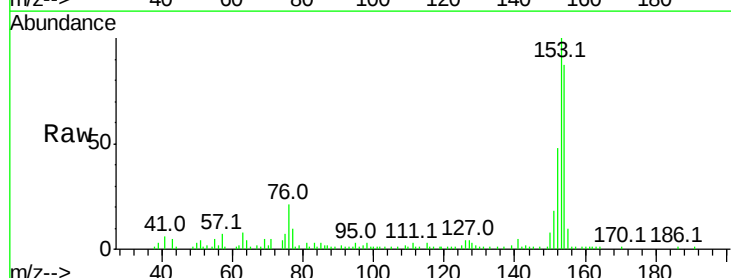
Tgt Ion:154 Resp: 44550

Ion Ratio Lower Upper

154 100

153 115.2 90.5 135.7

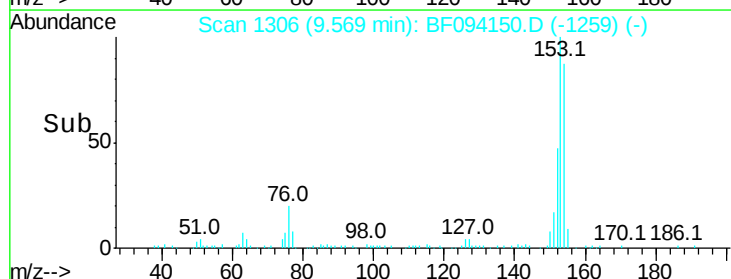
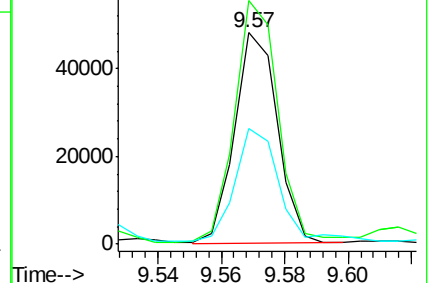
152 54.7 43.6 65.4

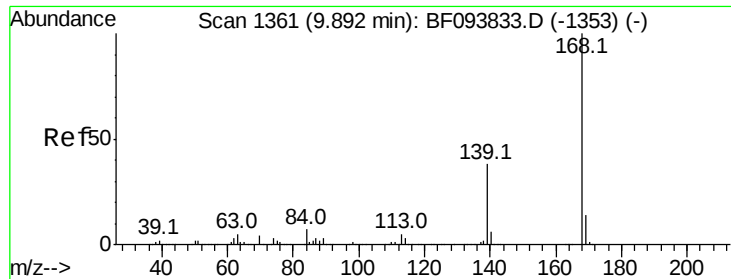


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

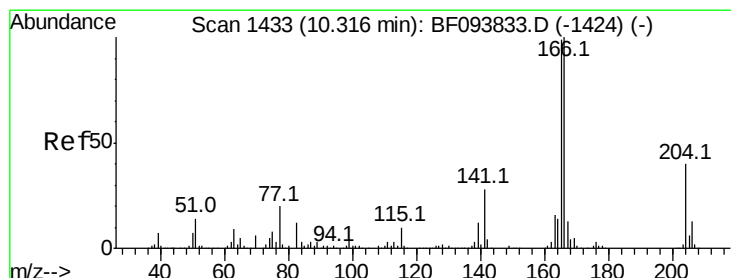
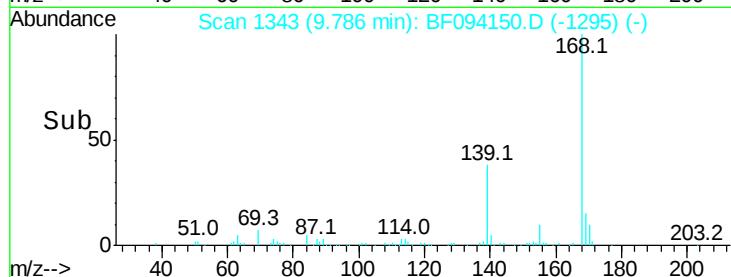
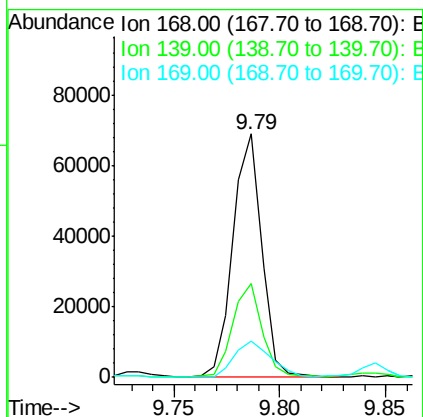
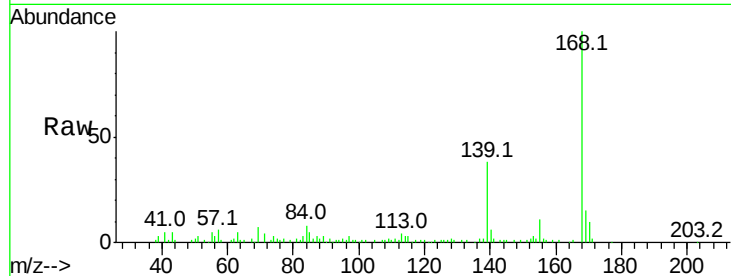




#54
Dibenzofuran
Concen: 3.22 ng
RT: 9.79 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BF094150.D
Acq: 4 Apr 2017 6:09

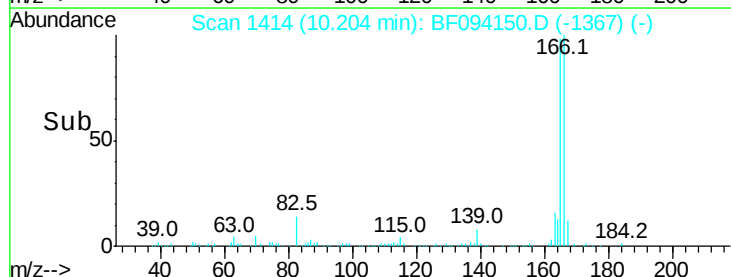
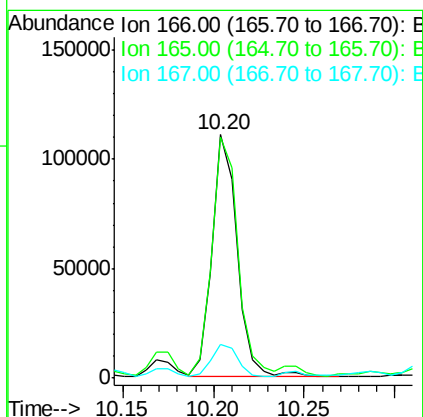
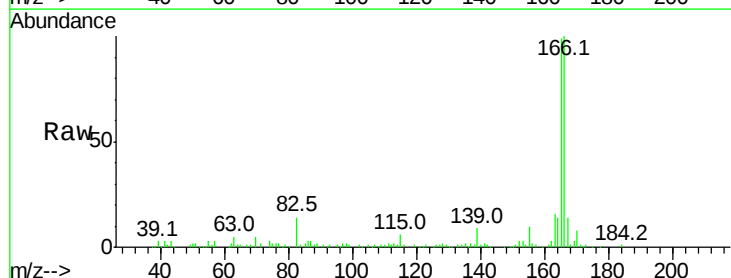
Instrument :
BNA_F
ClientSampleId :
E2-Q-P-11-12-BASE

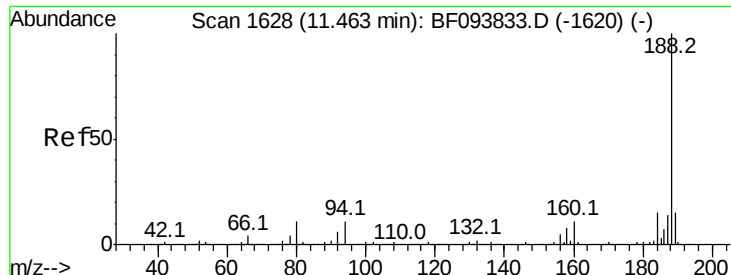
Tot Ion:168 Resp: 64902
Ion Ratio Lower Upper
168 100
139 38.4 30.6 45.8
169 15.0 10.8 16.2



#57
Fluorene
Concen: 6.38 ng
RT: 10.20 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF094150.D
Acq: 4 Apr 2017 6:09

Tgt Ion:166 Resp: 106665
Ion Ratio Lower Upper
166 100
165 99.0 78.8 118.2
167 14.0 10.6 16.0

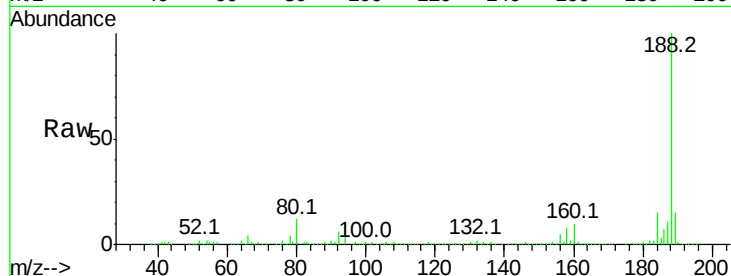




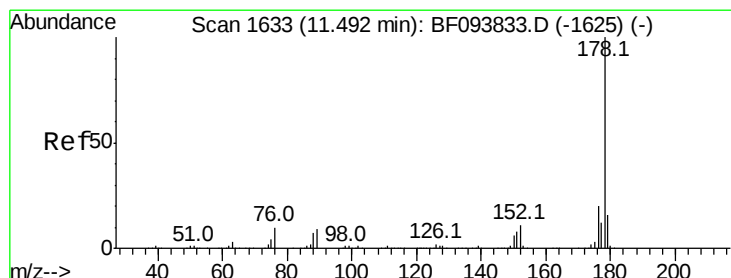
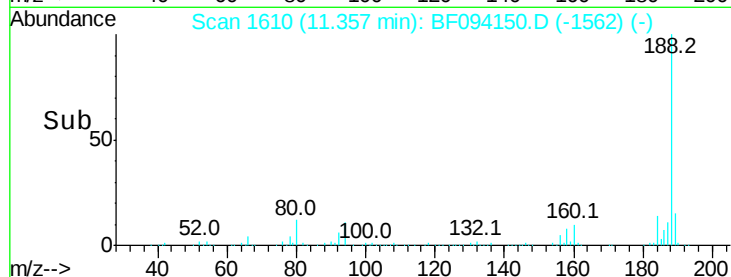
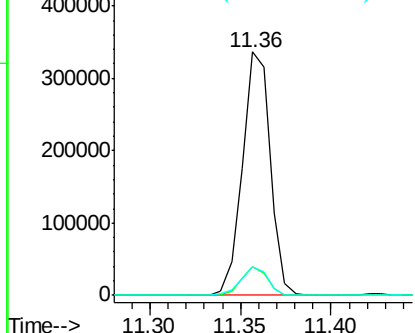
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.02 min
Lab File: BF094150.D
Acq: 4 Apr 2017 6:09

Instrument :
BNA_F
ClientSampleId :
E2-Q-P-11-12-BASE

Tot Ion:188 Resp: 357315
Ion Ratio Lower Upper
188 100
94 11.5 9.4 14.2
80 11.8 10.2 15.2

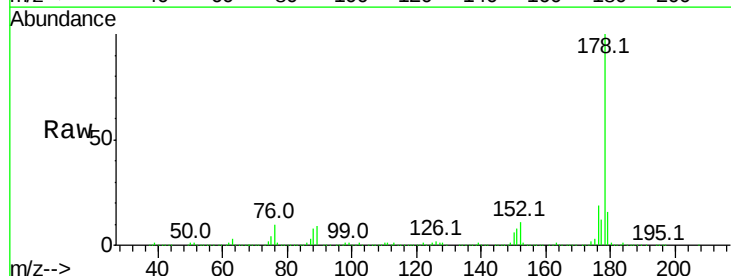


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

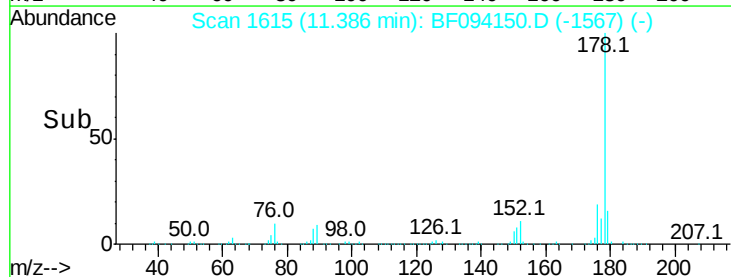
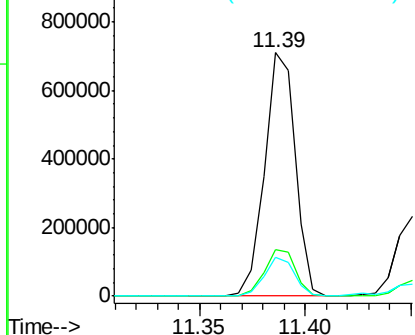


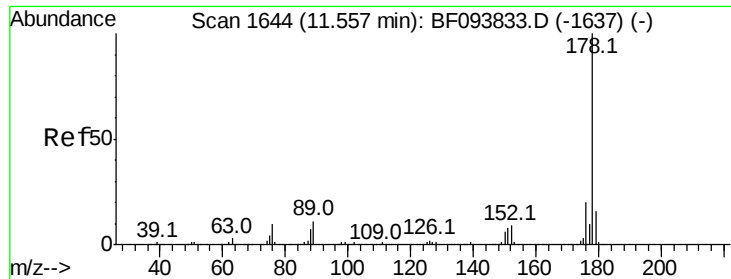
#70
Phenanthrene
Concen: 36.16 ng
RT: 11.39 min Scan# 1615
Delta R.T. -0.02 min
Lab File: BF094150.D
Acq: 4 Apr 2017 6:09

Tgt Ion:178 Resp: 718808
Ion Ratio Lower Upper
178 100
176 19.2 16.2 24.4
179 15.9 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

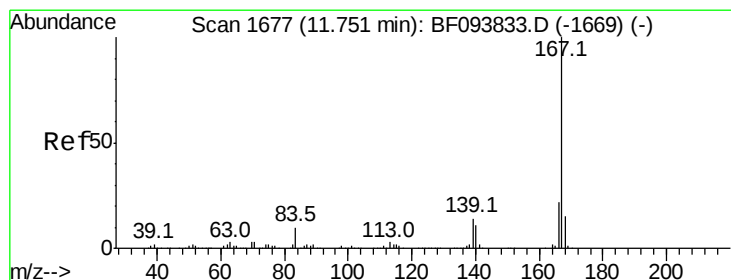
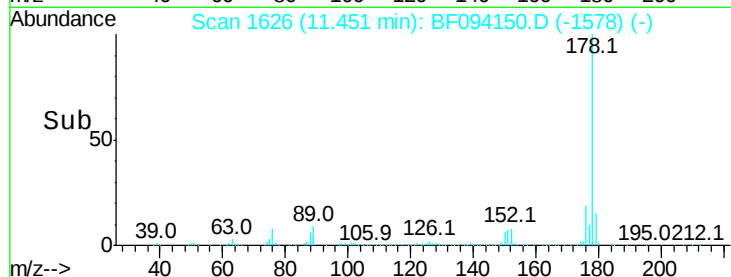
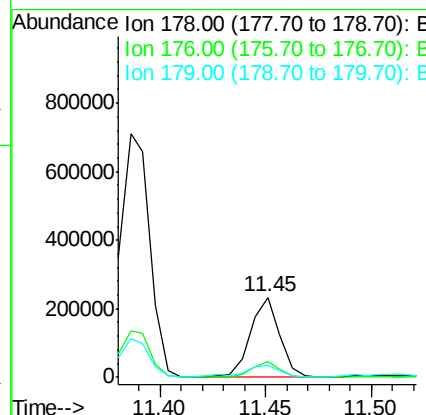
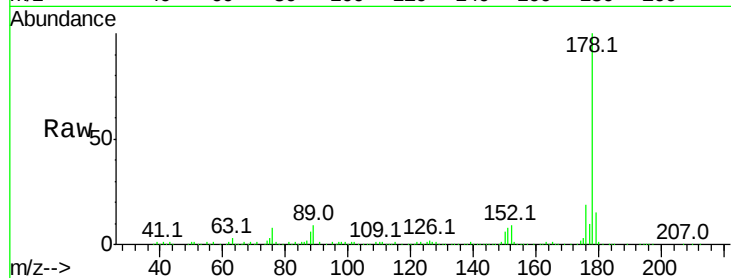




#71
 Anthracene
 Concen: 10.79 ng
 RT: 11.45 min Scan# 1626
 Delta R.T. -0.02 min
 Lab File: BF094150.D
 Acq: 4 Apr 2017 6:09

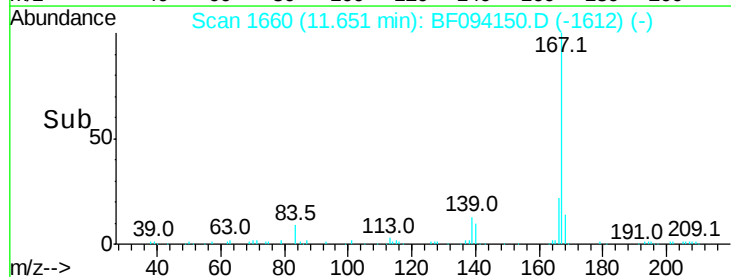
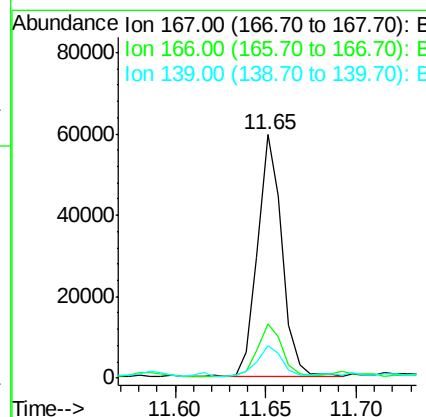
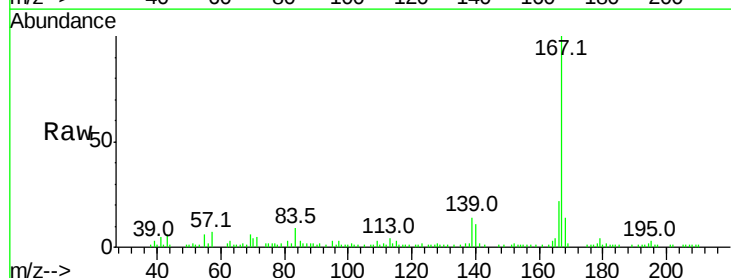
Instrument :
 BNA_F
 ClientSampleId :
 E2-Q-P-11-12-BASE

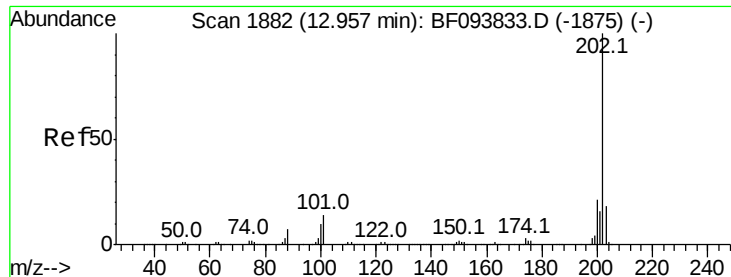
Tot Ion:178 Resp: 220839
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 14.9 12.7 19.1



#72
 Carbazole
 Concen: 2.66 ng
 RT: 11.65 min Scan# 1660
 Delta R.T. -0.02 min
 Lab File: BF094150.D
 Acq: 4 Apr 2017 6:09

Tgt Ion:167 Resp: 55780
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 13.5 11.7 17.5





#74

Fluoranthene

Concen: 47.11 ng

RT: 12.86 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF094150.D

Acq: 4 Apr 2017 6:09

Instrument :

BNA_F

ClientSampleId :

E2-Q-P-11-12-BASE

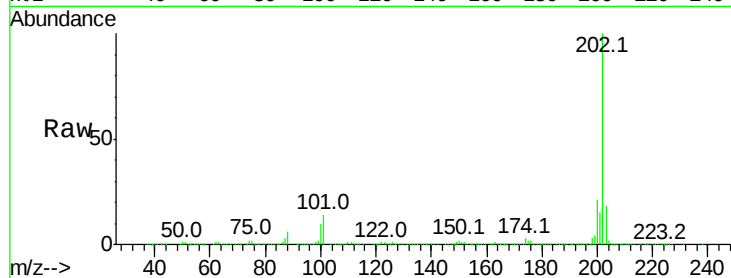
Tot Ion:202 Resp: 958924

Ion Ratio Lower Upper

202 100

101 13.6 0.0 33.2

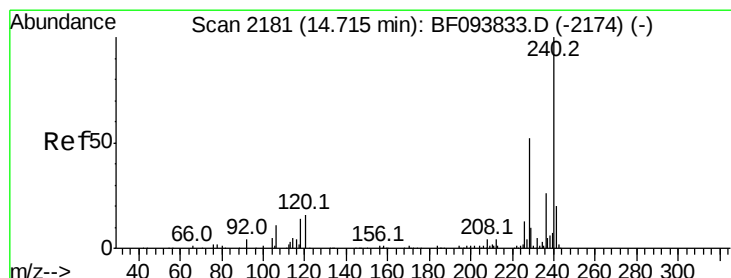
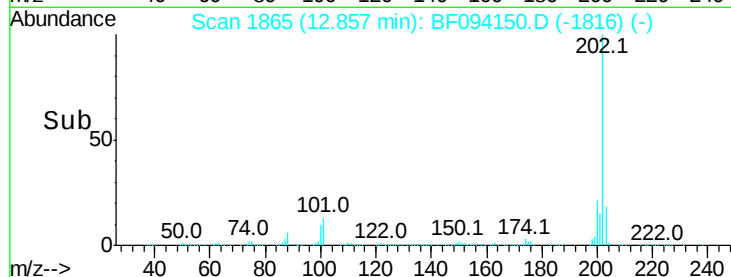
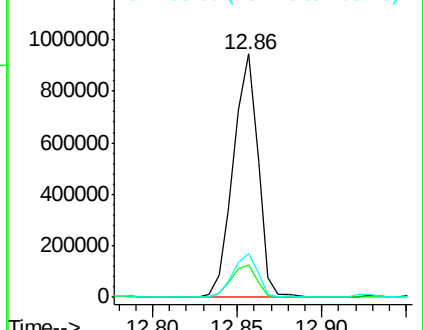
203 17.9 0.0 38.1



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: 14.62 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BF094150.D

Acq: 4 Apr 2017 6:09

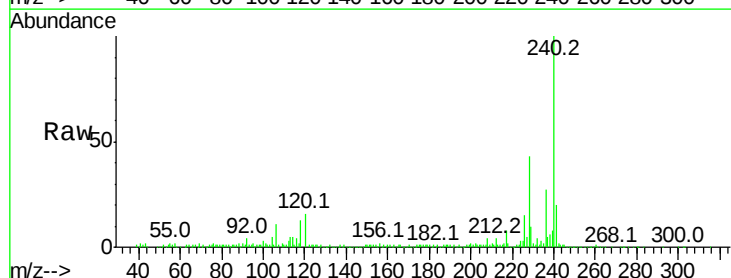
Tgt Ion:240 Resp: 303402

Ion Ratio Lower Upper

240 100

120 15.9 5.8 8.8#

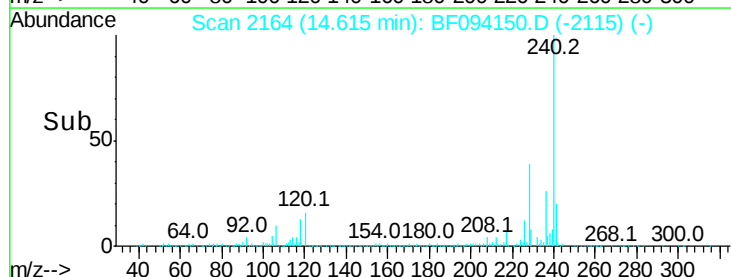
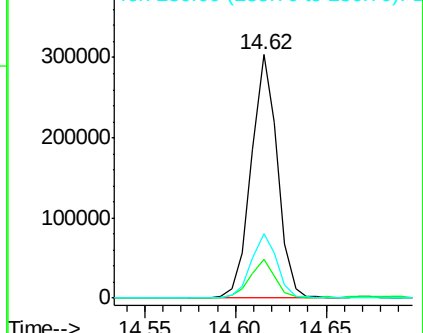
236 26.6 20.5 30.7

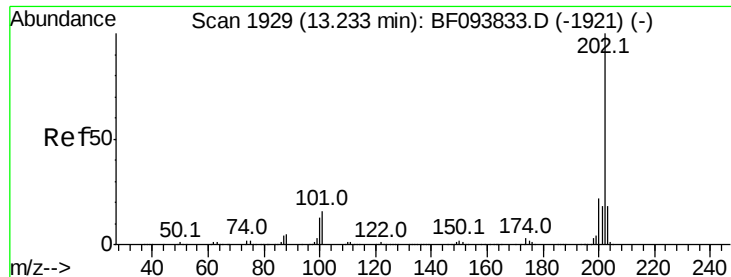


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

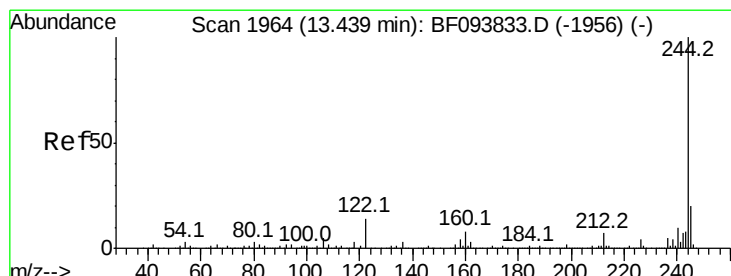
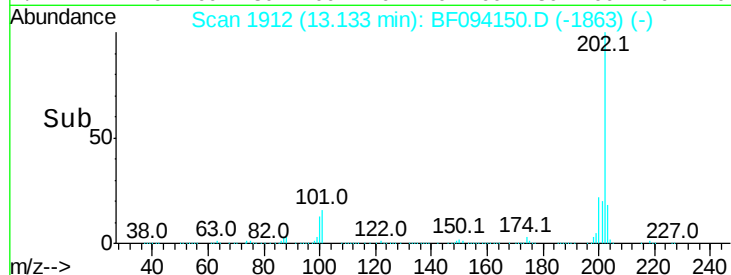
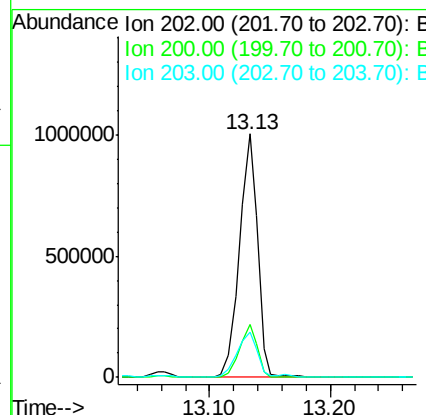
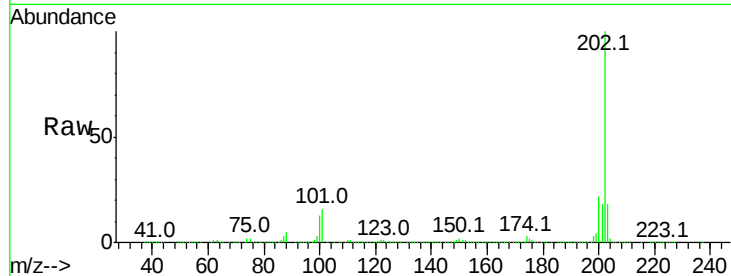




#77
Pvrene
Concen: 47.53 ng
RT: 13.13 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BF094150.D
Acq: 4 Apr 2017 6:09

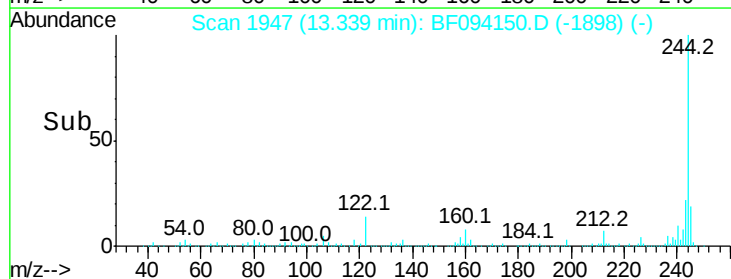
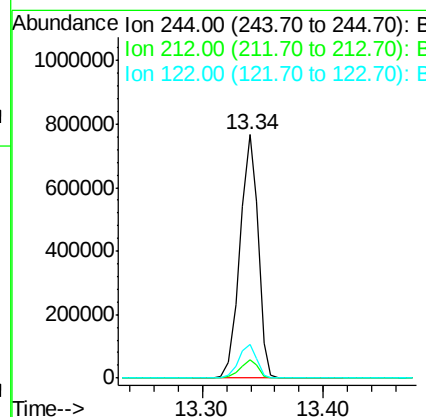
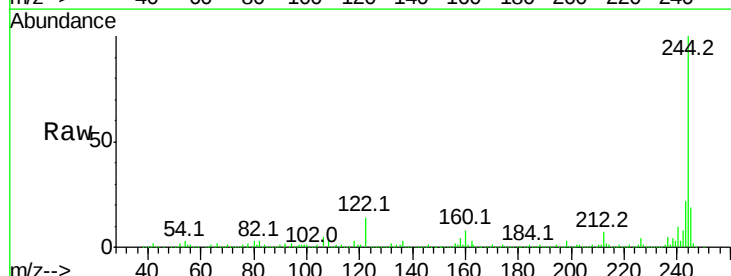
Instrument :
BNA_F
ClientSampleId :
E2-Q-P-11-12-BASE

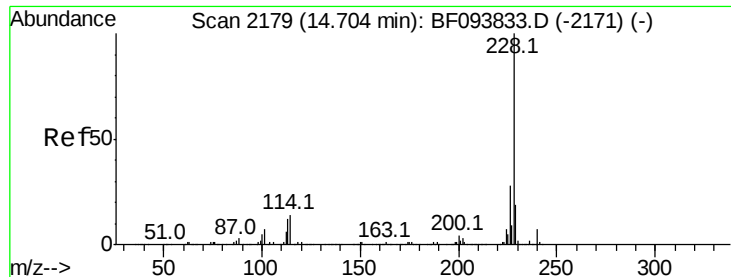
Tot Ion:202 Resp: 1046459
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 18.4 14.4 21.6



#78
Terphenyl-d14
Concen: 59.57 ng
RT: 13.34 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BF094150.D
Acq: 4 Apr 2017 6:09

Tgt Ion:244 Resp: 806330
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 13.9 10.3 15.5





#80

Benzo(a)anthracene

Concen: 26.39 ng

RT: 14.64 min Scan# 2169

Delta R.T. 0.03 min

Lab File: BF094150.D

Acq: 4 Apr 2017 6:09

Instrument :

BNA_F

ClientSampleId :

E2-Q-P-11-12-BASE

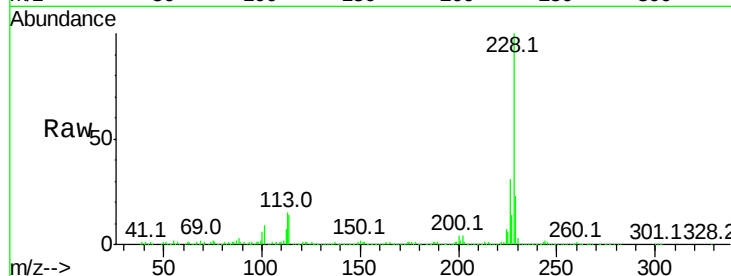
Tot Ion:228 Resp: 466971

Ion Ratio Lower Upper

228 100

226 30.8 22.6 33.8

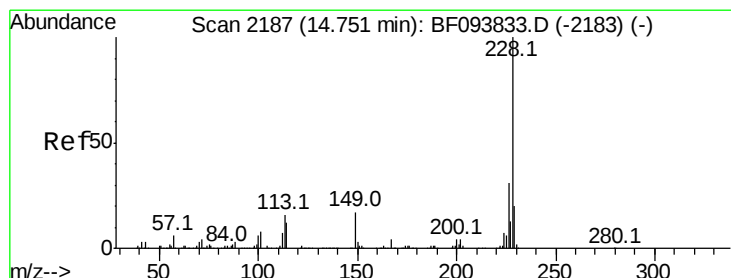
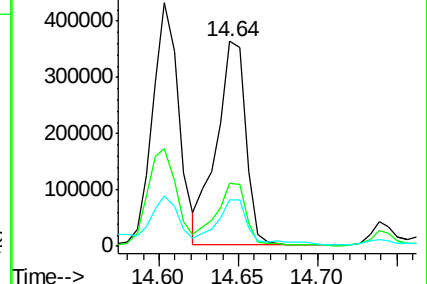
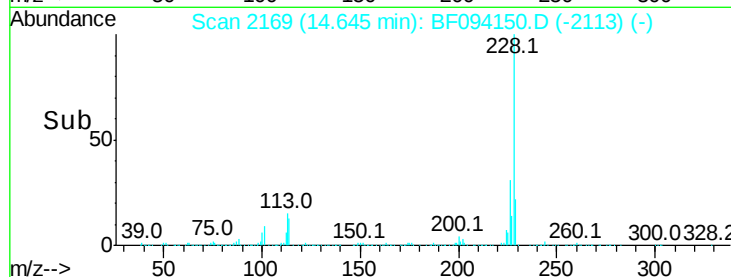
229 23.0 16.3 24.5



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: 28.44 ng

RT: 14.64 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BF094150.D

Acq: 4 Apr 2017 6:09

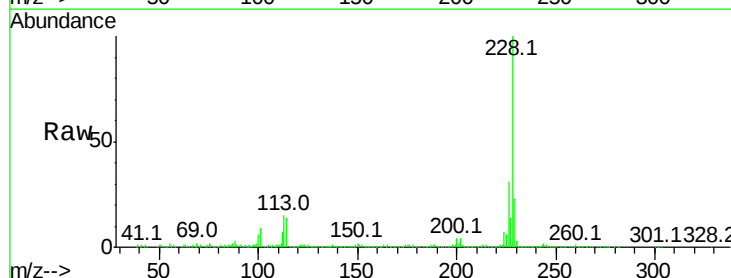
Tgt Ion:228 Resp: 466971

Ion Ratio Lower Upper

228 100

226 30.8 24.9 37.3

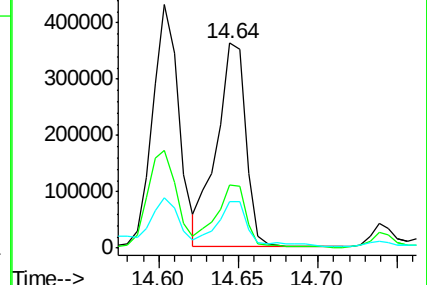
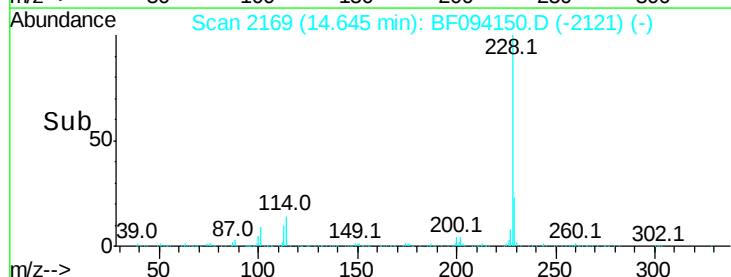
229 23.0 15.8 23.6

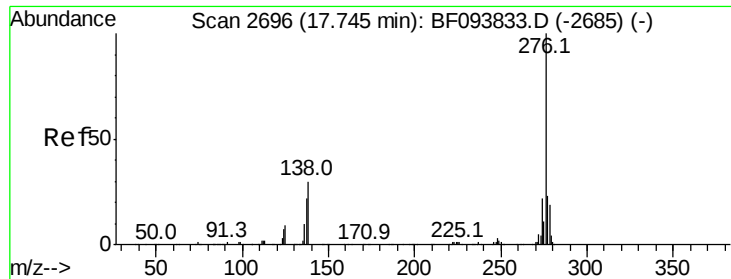


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

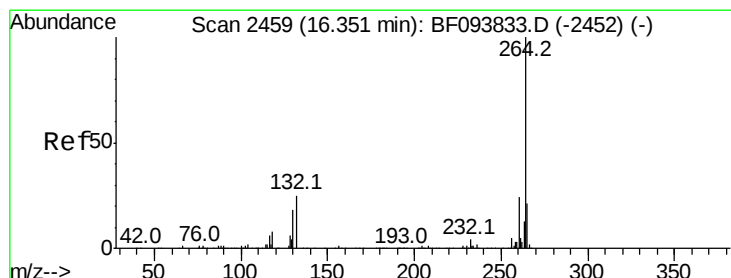
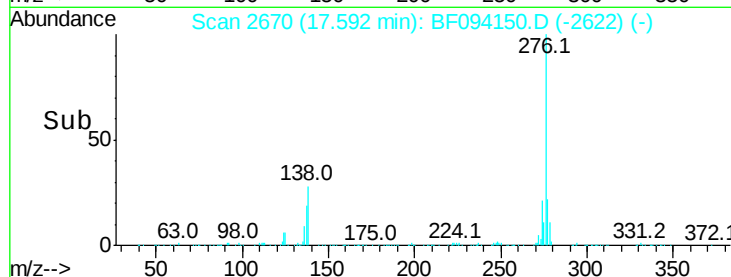
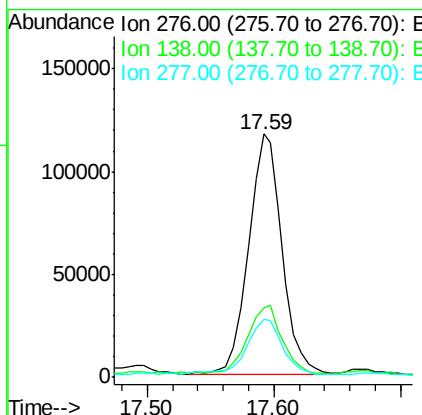
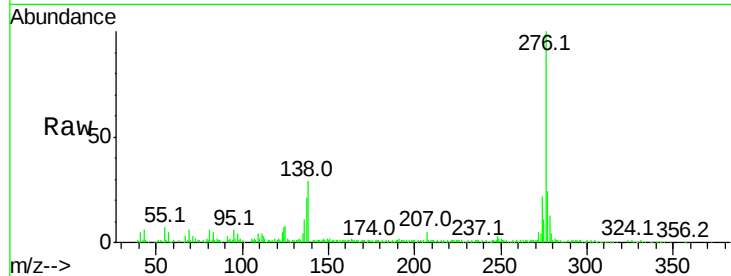




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 15.17 ng
 RT: 17.59 min Scan# 2670
 Delta R.T. -0.02 min
 Lab File: BF094150.D
 Acq: 4 Apr 2017 6:09

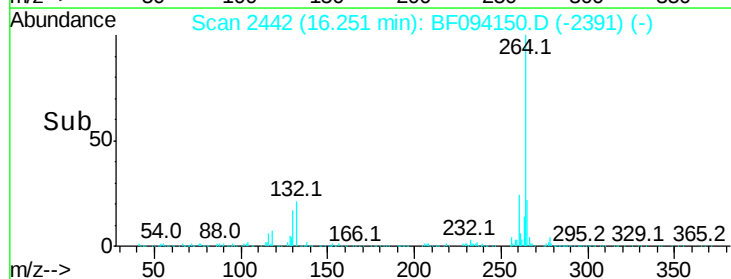
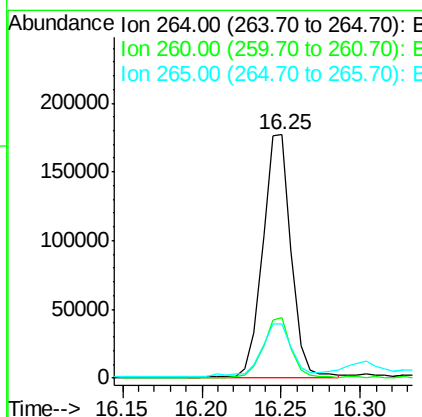
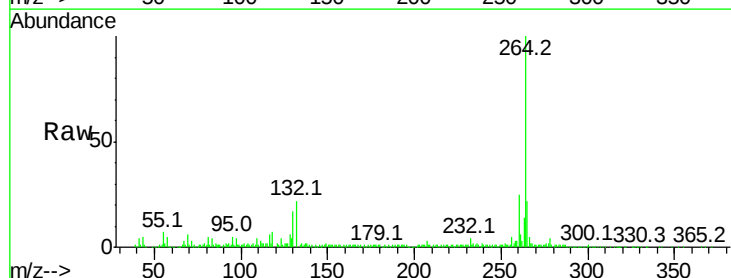
Instrument :
 BNA_F
 ClientSampleId :
 E2-Q-P-11-12-BASE

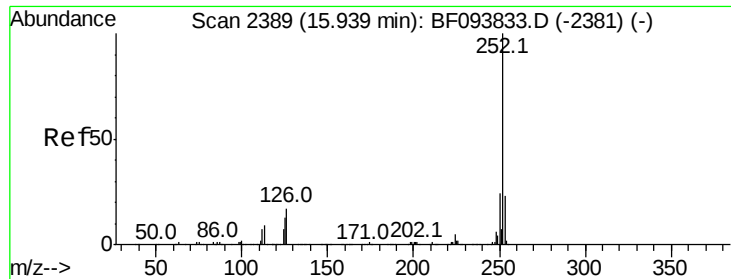
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.4	27.8	41.6
277	24.7	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.25 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BF094150.D
 Acq: 4 Apr 2017 6:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 52.42 ng

RT: 15.84 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BF094150.D

Acq: 4 Apr 2017 6:09

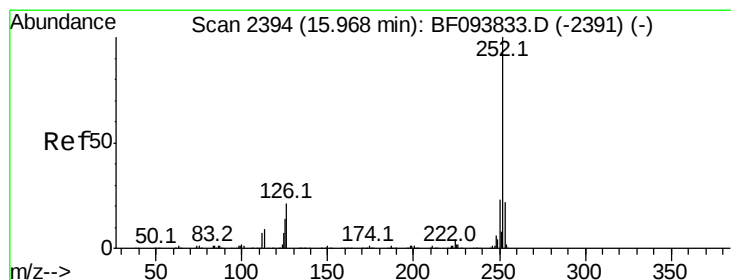
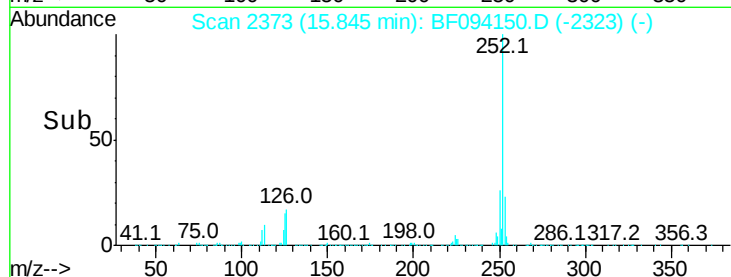
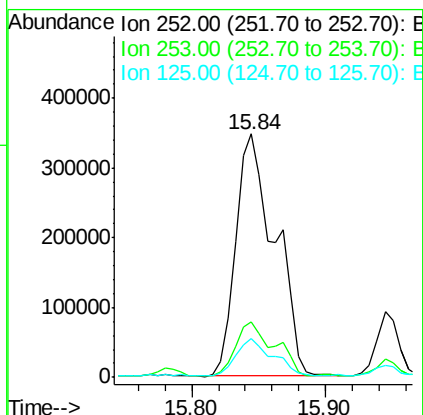
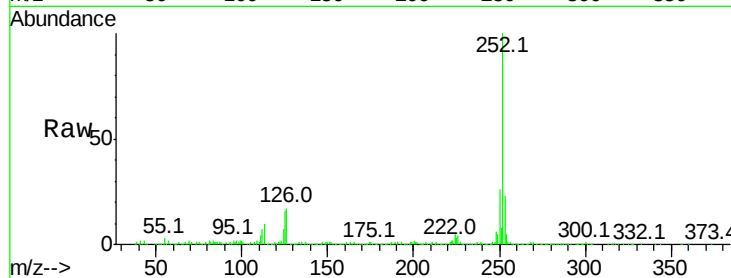
Instrument :

BNA_F

ClientSampleId :

E2-Q-P-11-12-BASE

Tot Ion:252	Resp:	707454
Ion Ratio	Lower	Upper
252	100	
253	22.9	18.1 27.1
125	16.1	9.8 14.8#



#88

Benzo(k)fluoranthene

Concen: 53.58 ng

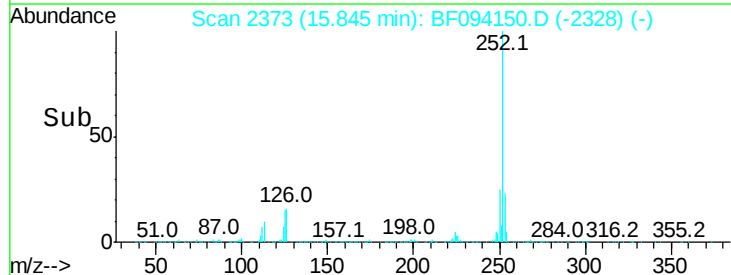
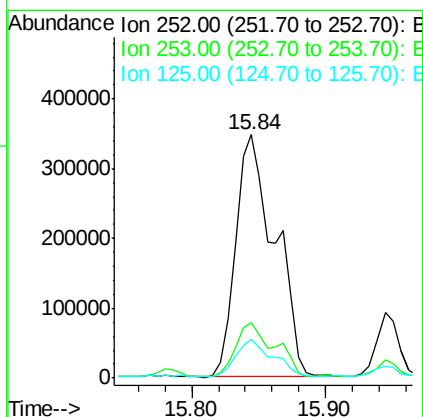
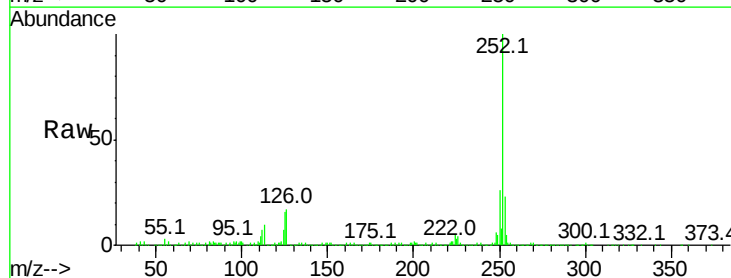
RT: 15.84 min Scan# 2373

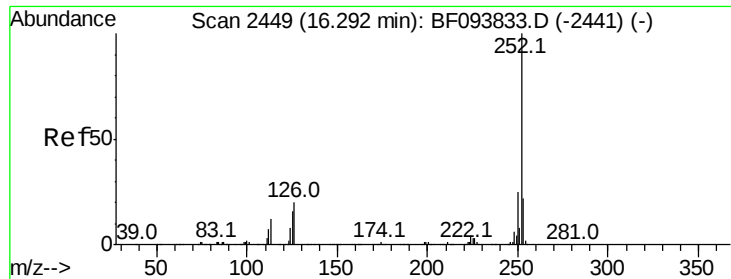
Delta R.T. -0.04 min

Lab File: BF094150.D

Acq: 4 Apr 2017 6:09

Tgt Ion:252	Resp:	707454
Ion Ratio	Lower	Upper
252	100	
253	22.9	18.4 27.6
125	16.1	13.1 19.7





#89

Benzo(a)pyrene

Concen: 30.76 ng

RT: 16.19 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BF094150.D

Acq: 4 Apr 2017 6:09

Instrument :

BNA_F

ClientSampleId :

E2-Q-P-11-12-BASE

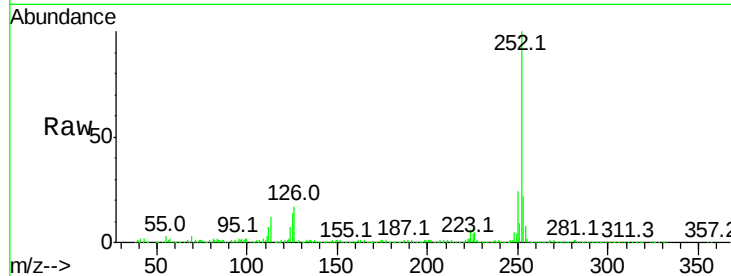
Tot Ion:252 Resp: 382333

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

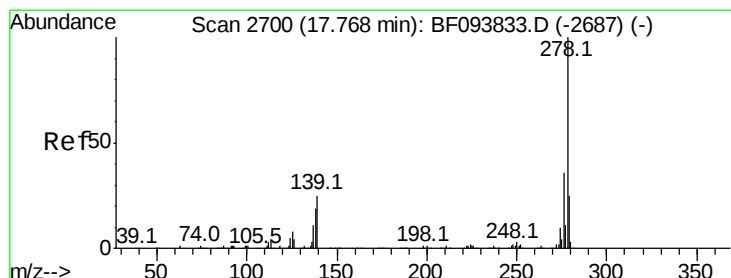
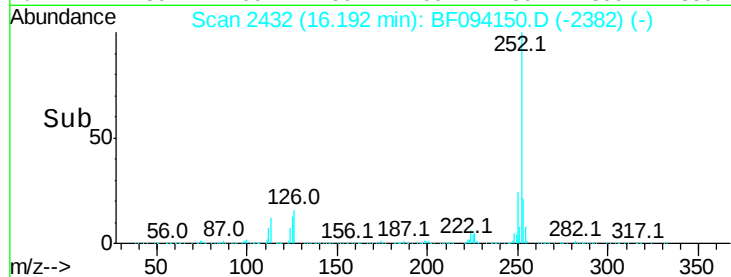
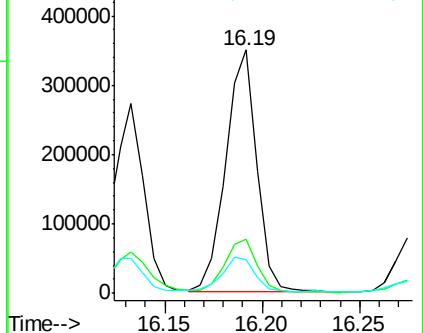
125 13.7 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 4.45 ng

RT: 17.60 min Scan# 2672

Delta R.T. -0.03 min

Lab File: BF094150.D

Acq: 4 Apr 2017 6:09

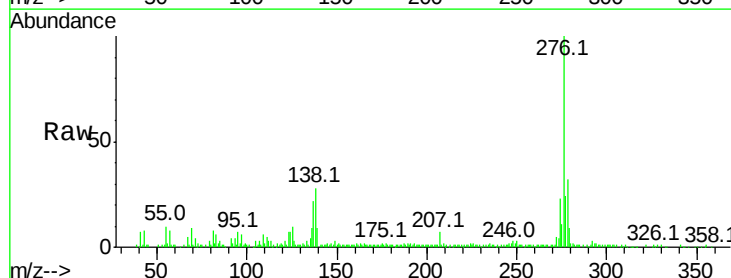
Tgt Ion:278 Resp: 46824

Ion Ratio Lower Upper

278 100

139 27.3 16.6 24.8#

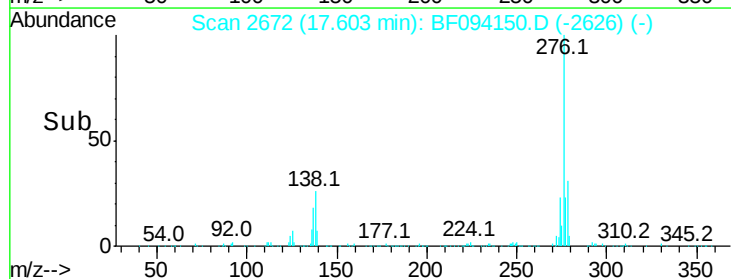
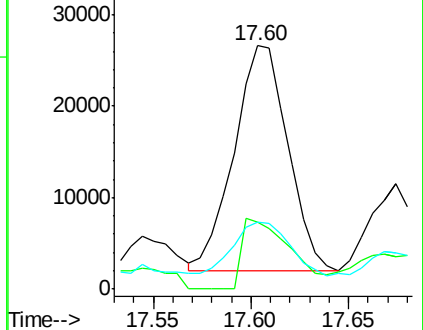
279 27.3 19.3 28.9

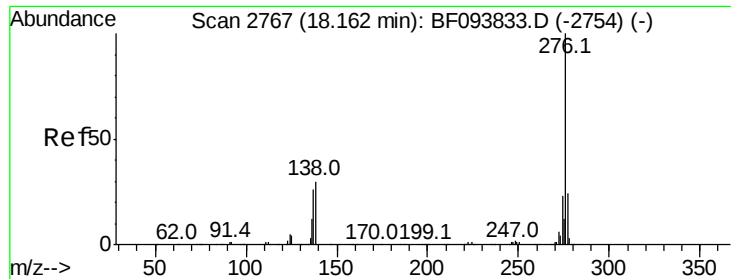


Abundance Ion 278.00 (277.70 to 278.70): E

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: 22.40 ng

RT: 17.99 min Scan# 2738

Delta R.T. -0.02 min

Lab File: BF094150.D

Acq: 4 Apr 2017 6:09

Instrument :

BNA_F

ClientSampleId :

E2-Q-P-11-12-BASE

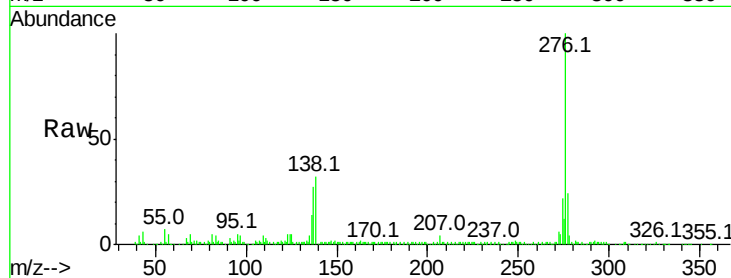
Tot Ion:276 Resp: 237592

Ion Ratio Lower Upper

276 100

277 24.3 18.6 28.0

138 32.3 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

