

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011017\
 Data File : BF092183.D
 Acq On : 10 Jan 2017 15:48
 Operator : UM/SJ
 Sample : I1057-03RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P3-SP5RE

Quant Time: Jan 10 23:30:39 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	176329	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	668576	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	295444	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	430398	20.00	ng	0.00
75) Chrysene-d12	13.80	240	258760	20.00	ng	0.01
86) Perylene-d12	15.18	264	179898	20.00	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	723728	68.53	ng	0.00
7) Phenol-d6	6.31	99	1271249	98.60	ng	0.00
23) Nitrobenzene-d5	7.20	82	893619	74.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	127729	52.24	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	1311690	92.03	ng	0.00
78) Terphenyl-d14	12.74	244	779883	73.10	ng	0.00

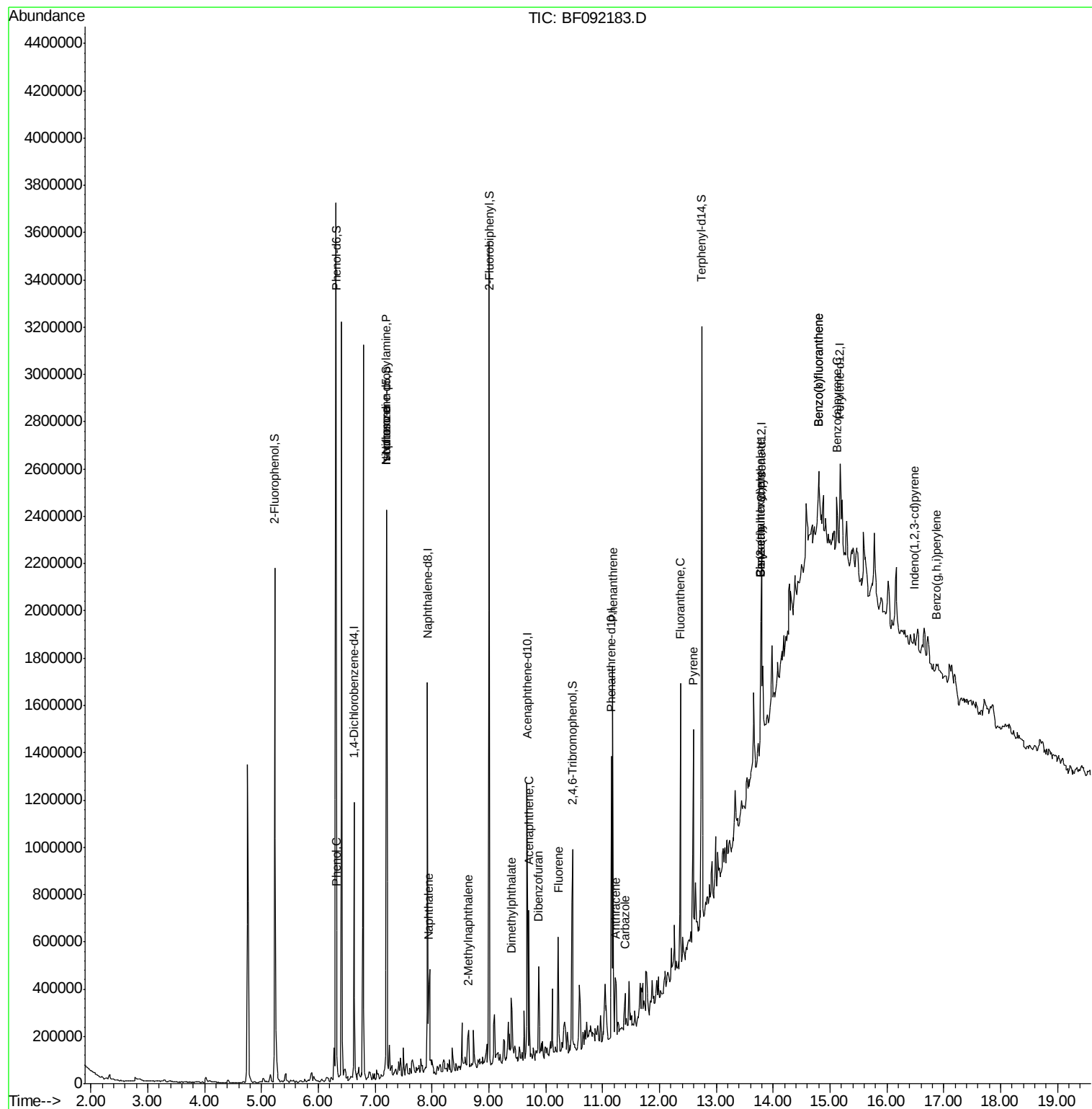
Target Compounds						Qvalue
10) Phenol	6.32	94	100907	6.87	ng	# 71
19) n-Nitroso-di-n-propylamine	7.20	70	121681	14.19	ng	# 76
25) Isophorone	7.20	82	789307	35.58	ng	# 65
31) Naphthalene	7.94	128	122728	4.01	ng	98
37) 2-Methylnaphthalene	8.64	142	59758	2.06	ng	95
49) Dimethylphthalate	9.40	163	104028	5.51	ng	98
51) Acenaphthene	9.70	154	131367	7.86	ng	100
54) Dibenzofuran	9.88	168	128112	5.68	ng	99
57) Fluorene	10.22	166	123434	7.52	ng	99
70) Phenanthrene	11.18	178	569018	24.38	ng	99
71) Anthracene	11.24	178	131644	4.41	ng	97
72) Carbazole	11.40	167	63070	2.40	ng	97
73) Di-n-butylphthalate	11.73	149	6685	Below Cal	#	75
74) Fluoranthene	12.37	202	473083	21.07	ng	96
76) Benzidine	12.52	184	1130	Below Cal	#	1
77) Pyrene	12.60	202	396653	20.89	ng	98
80) Benzo(a)anthracene	13.79	228	174188	11.93	ng	95
82) Chrysene	13.79	228	174188	11.89	ng	95
83) Bis(2-ethylhexyl)phthalate	13.79	149	22898	2.25	ng	# 75
85) Indeno(1,2,3-cd)pyrene	16.48	276	42792	3.37	ng	# 93
87) Benzo(b)fluoranthene	14.80	252	162657	14.52	ng	# 79
88) Benzo(k)fluoranthene	14.80	252	162242	16.99	ng	# 79
89) Benzo(a)pyrene	15.12	252	82698	8.32	ng	# 67
91) Benzo(g,h,i)perylene	16.87	276	43325	5.10	ng	# 66

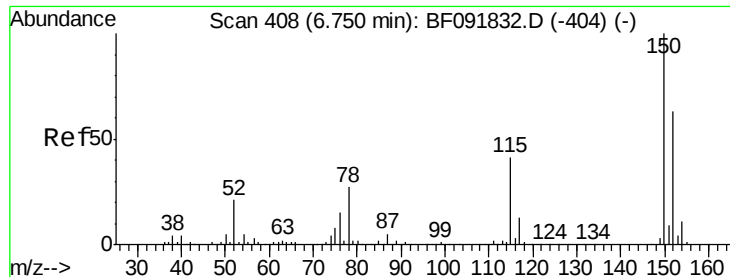
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011017\
Data File : BF092183.D
Acq On : 10 Jan 2017 15:48
Operator : UM/SJ
Sample : I1057-03RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P3-SP5RE

Quant Time: Jan 10 23:30:39 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF092183.D

Acq: 10 Jan 2017 15:48

Instrument :

BNA_F

ClientSampleId :

P3-SP5RE

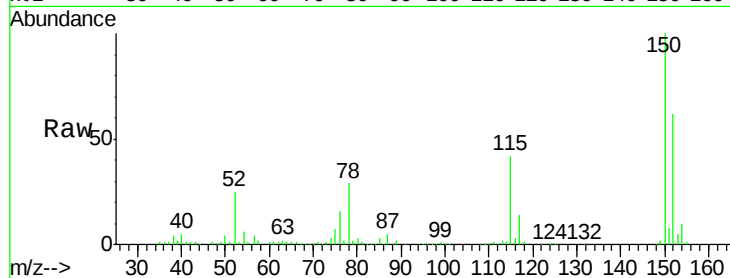
Tgt Ion:152 Resp: 176329

Ion Ratio Lower Upper

152 100

150 160.4 124.9 187.3

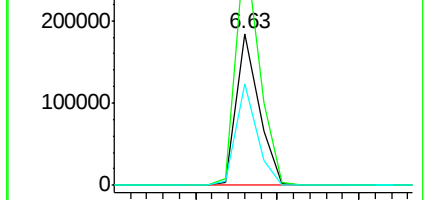
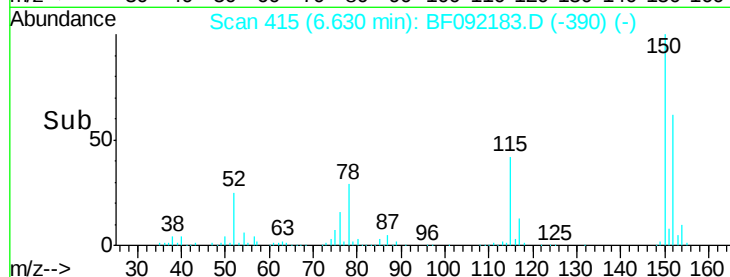
115 66.8 46.0 69.0



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: 68.53 ng

RT: 5.24 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF092183.D

Acq: 10 Jan 2017 15:48

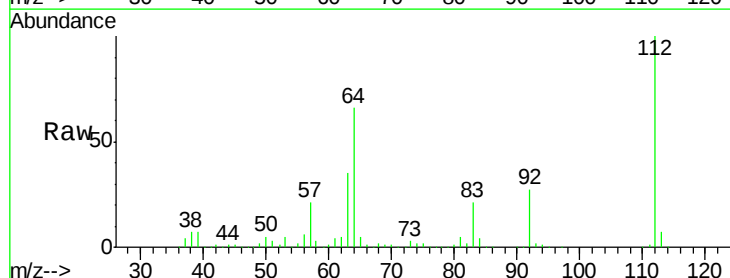
Tgt Ion:112 Resp: 723728

Ion Ratio Lower Upper

112 100

64 66.1 46.1 69.1

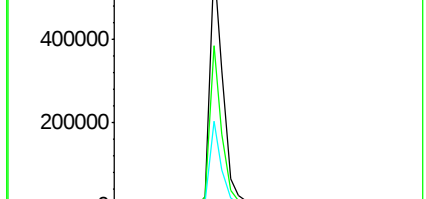
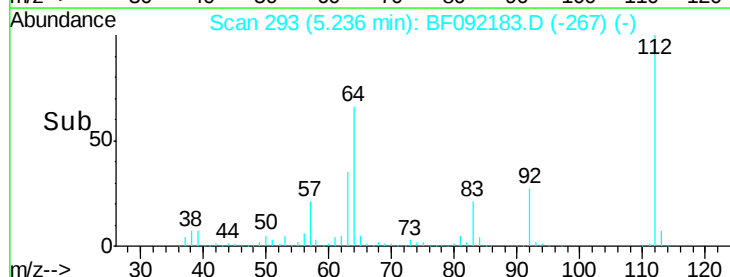
63 35.1 23.8 35.6

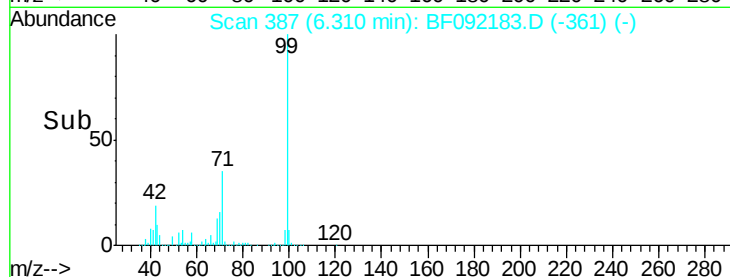
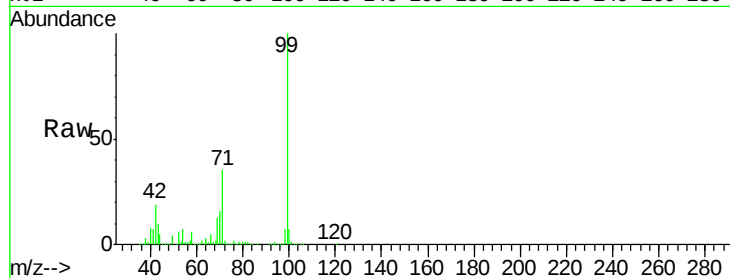


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 98.60 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092183.D

Acq: 10 Jan 2017 15:48

Instrument :

BNA_F

ClientSampleId :

P3-SP5RE

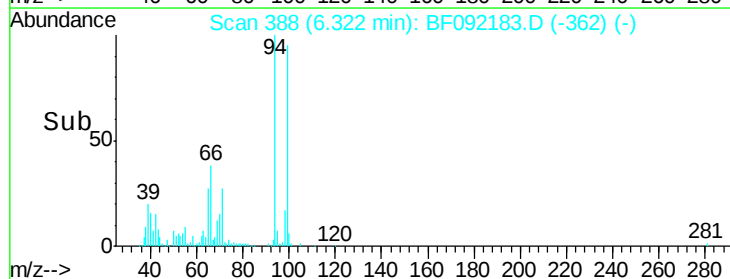
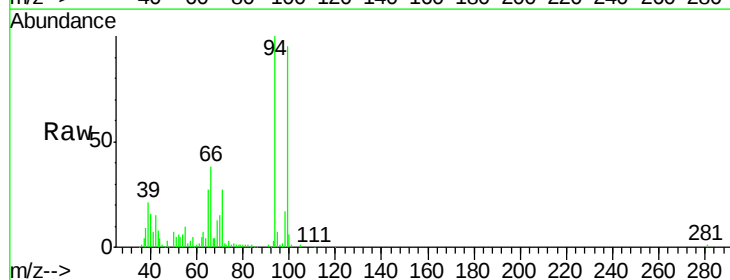
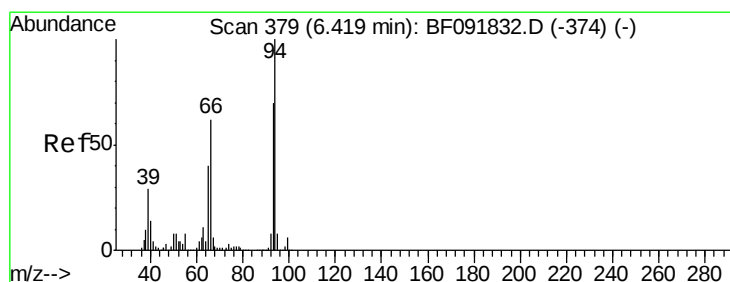
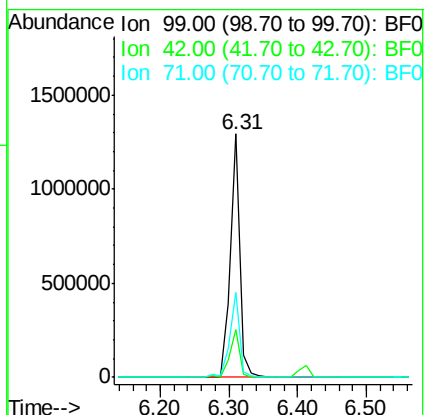
Tgt Ion: 99 Resp: 1271249

Ion Ratio Lower Upper

99 100

42 19.5 15.6 23.4

71 35.1 27.5 41.3



#10

Phenol

Concen: 6.87 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF092183.D

Acq: 10 Jan 2017 15:48

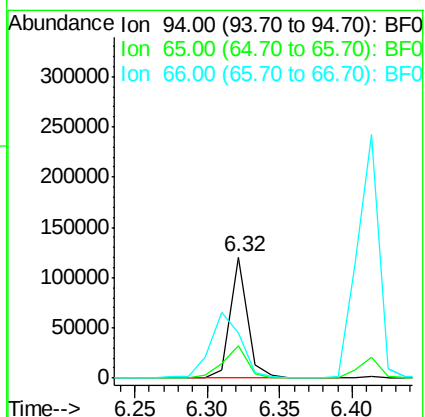
Tgt Ion: 94 Resp: 100907

Ion Ratio Lower Upper

94 100

65 27.3 21.4 61.4

66 37.5 44.0 84.0#

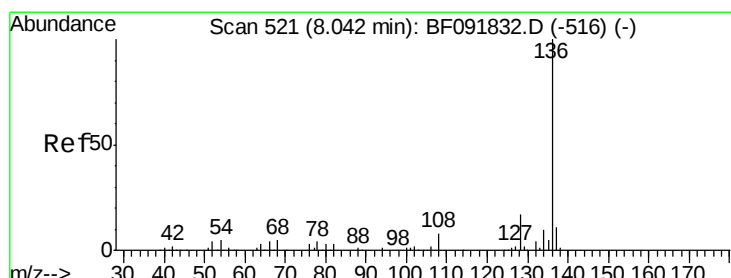
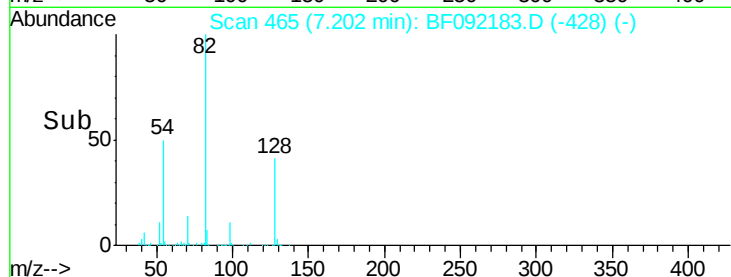
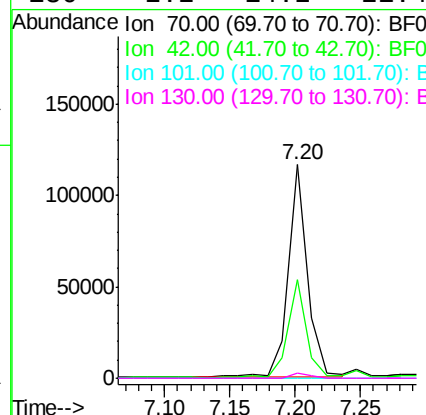
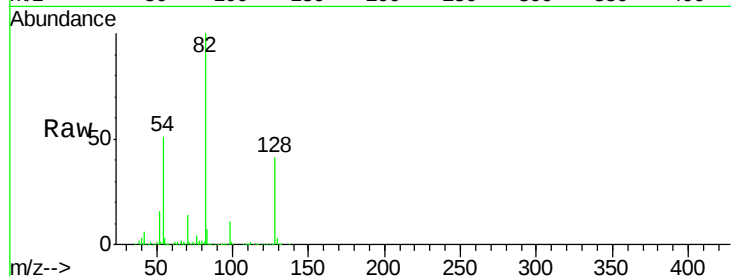




#19
n-Nitroso-di-n-propylamine
Concen: 14.19 ng
RT: 7.20 min Scan# 465
Delta R.T. 0.13 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

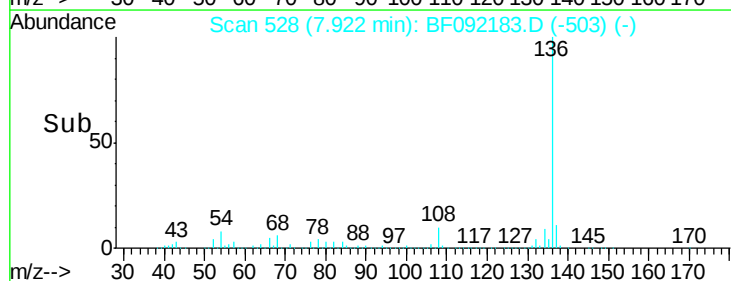
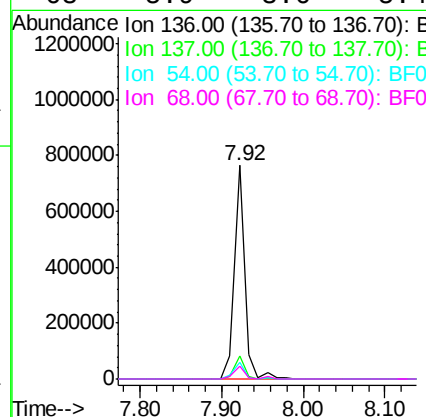
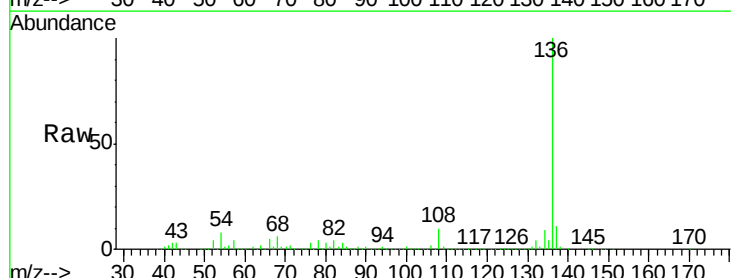
Instrument :
BNA_F
ClientSampleId :
P3-SP5RE

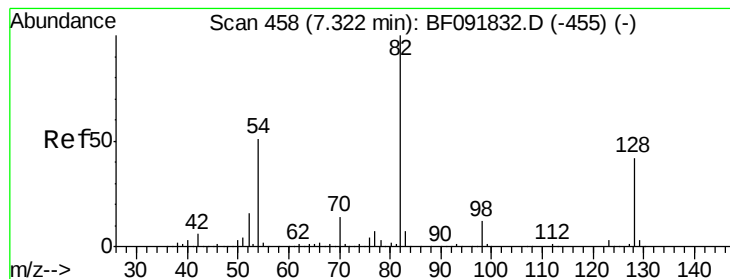
Tgt Ion: 70 Resp: 121681
Ion Ratio Lower Upper
70 100
42 46.4 49.4 74.0#
101 0.0 7.4 11.2#
130 2.2 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Tgt Ion: 136 Resp: 668576
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.9 4.5 6.7#
68 5.9 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 74.32 ng

RT: 7.20 min Scan# 465

Delta R.T. -0.01 min

Lab File: BF092183.D

Acq: 10 Jan 2017 15:48

Instrument :

BNA_F

ClientSampleId :

P3-SP5RE

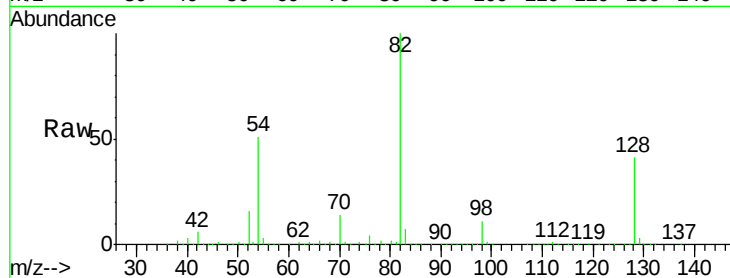
Tgt Ion: 82 Resp: 893619

Ion Ratio Lower Upper

82 100

128 40.9 34.6 52.0

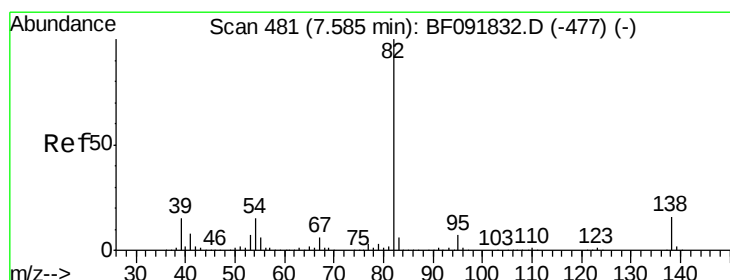
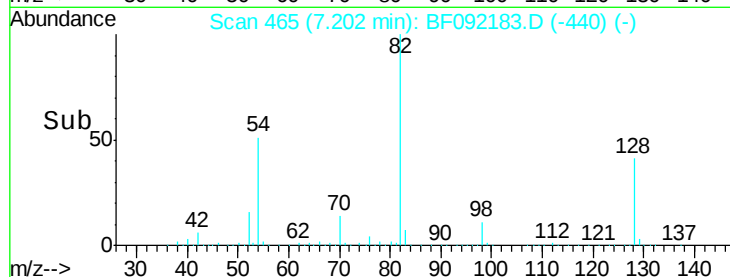
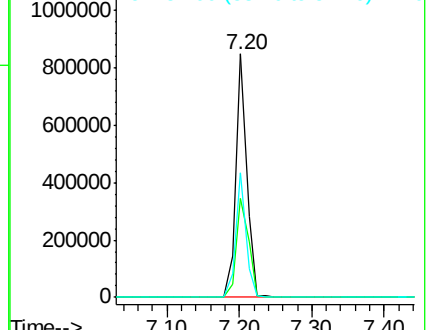
54 51.2 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 35.58 ng

RT: 7.20 min Scan# 465

Delta R.T. -0.27 min

Lab File: BF092183.D

Acq: 10 Jan 2017 15:48

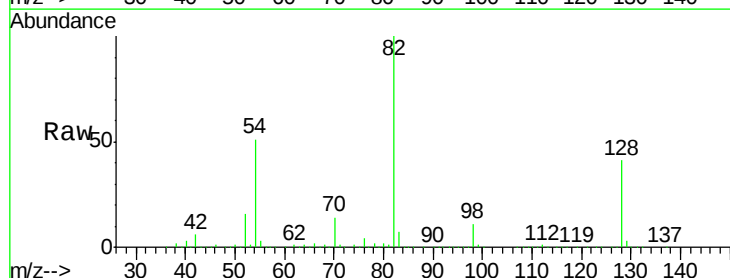
Tgt Ion: 82 Resp: 789307

Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

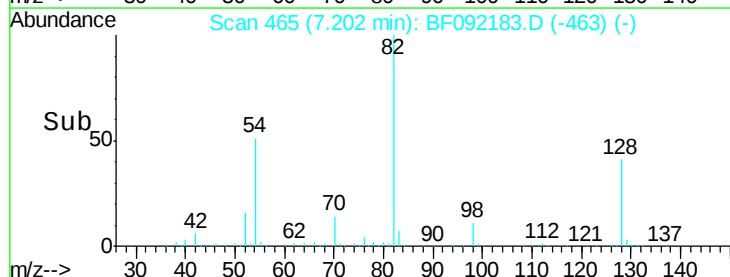
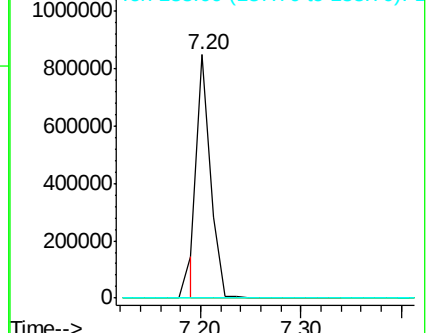
138 0.0 14.6 22.0#

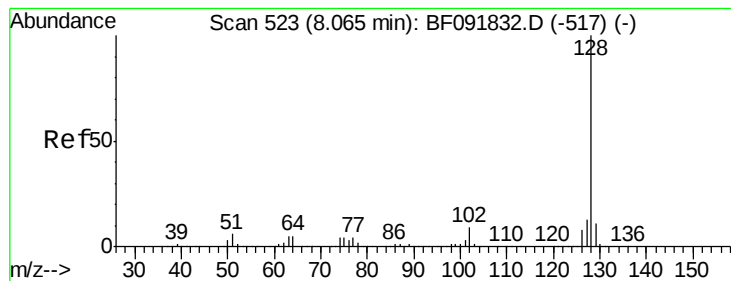


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#31

Naphthalene

Concen: 4.01 ng

RT: 7.94 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF092183.D

Acq: 10 Jan 2017 15:48

Instrument :

BNA_F

ClientSampleId :

P3-SP5RE

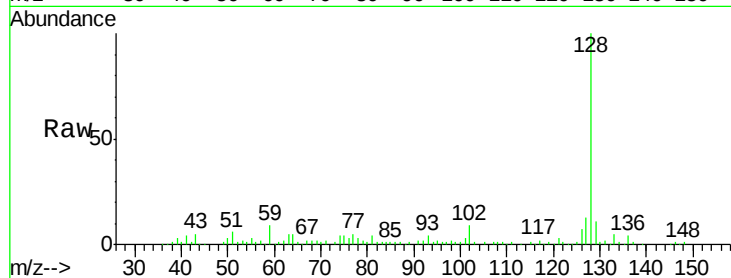
Tgt Ion:128 Resp: 122728

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

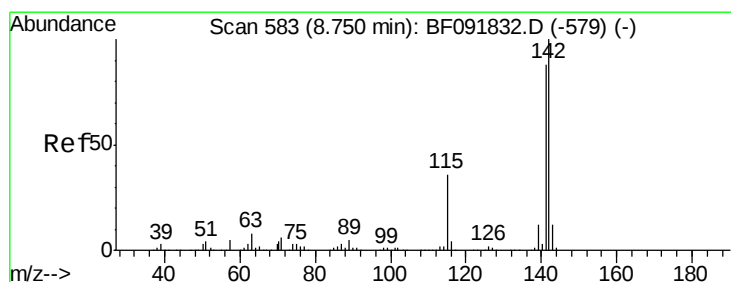
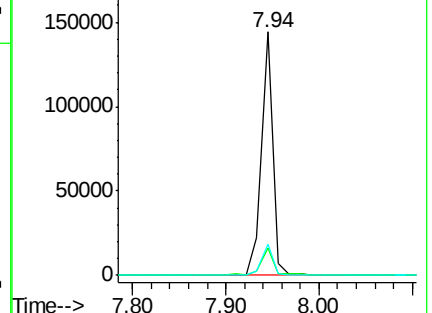
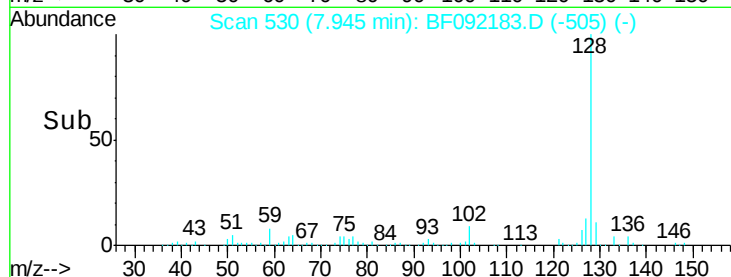
127 12.8 10.8 16.2



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: 2.06 ng

RT: 8.64 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF092183.D

Acq: 10 Jan 2017 15:48

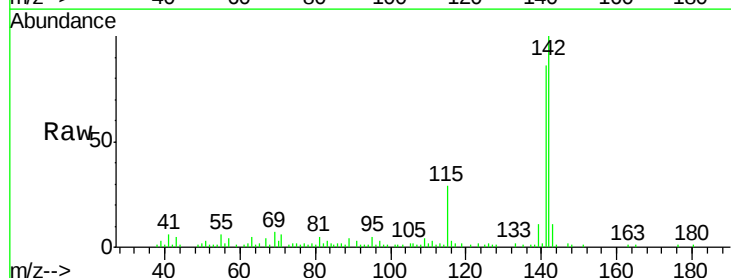
Tgt Ion:142 Resp: 59758

Ion Ratio Lower Upper

142 100

141 85.6 71.0 106.6

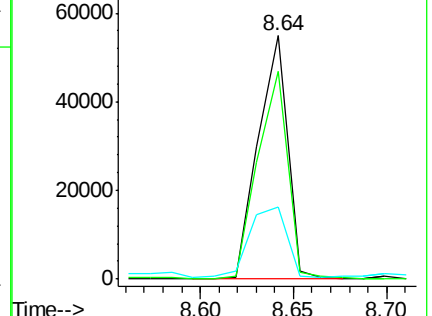
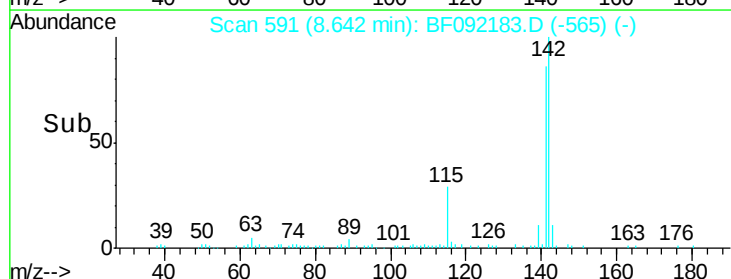
115 29.5 28.3 42.5

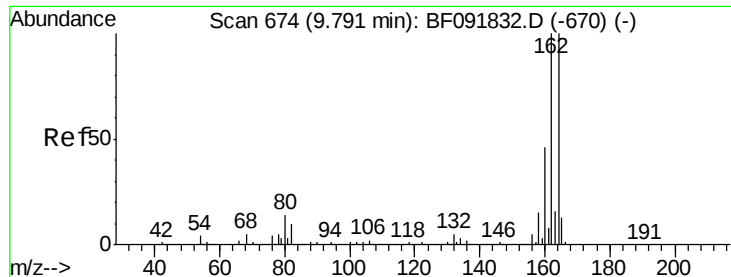


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

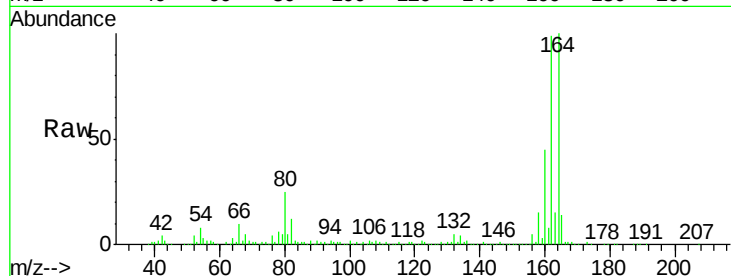




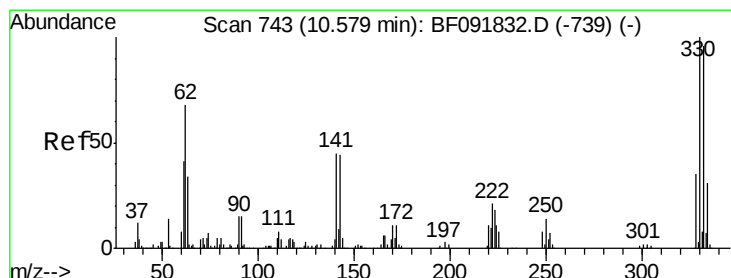
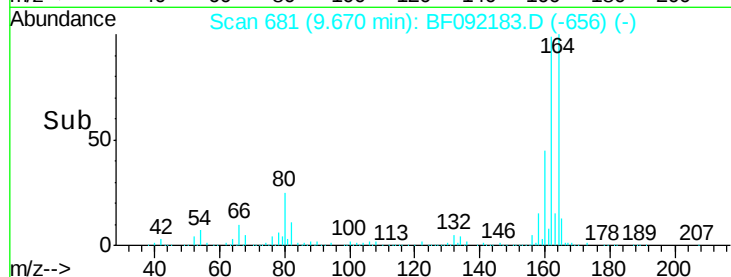
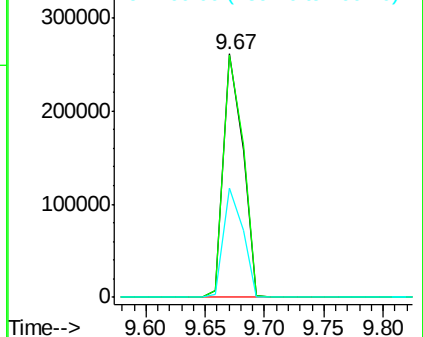
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Instrument :
BNA_F
ClientSampleId :
P3-SP5RE

Tgt Ion:164 Resp: 295444
Ion Ratio Lower Upper
164 100
162 99.5 80.2 120.2
160 44.8 36.9 55.3

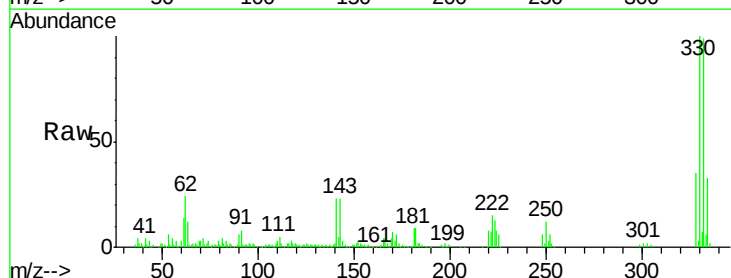


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

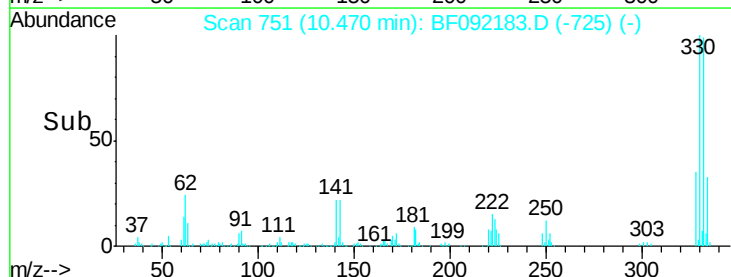
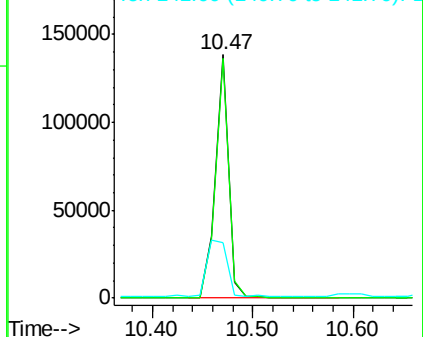


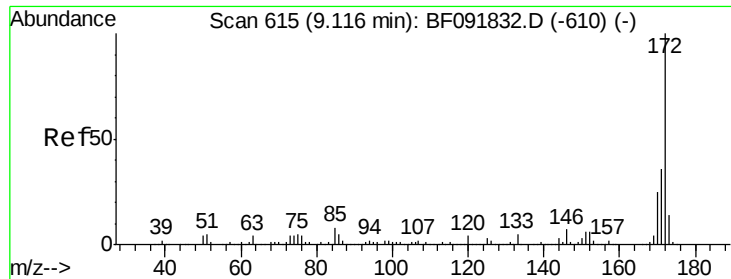
#41
2,4,6-Tribromophenol
Concen: 52.24 ng
RT: 10.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Tgt Ion:330 Resp: 127729
Ion Ratio Lower Upper
330 100
332 98.2 77.4 116.2
141 36.8 34.1 51.1



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

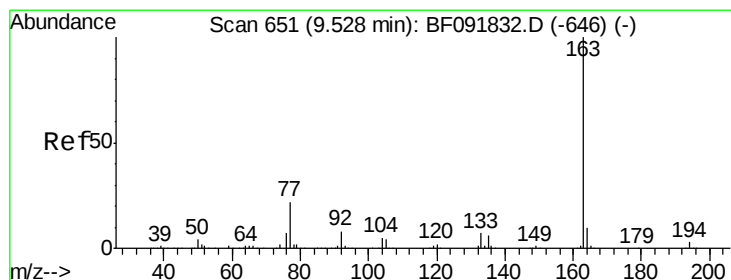
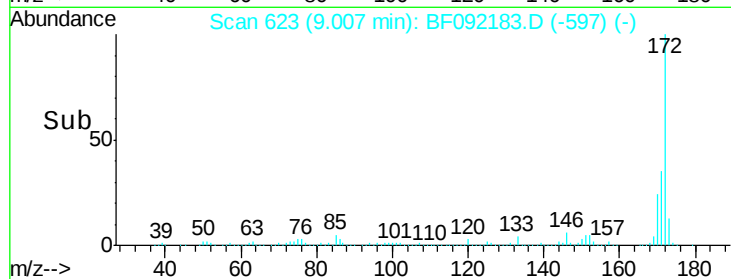
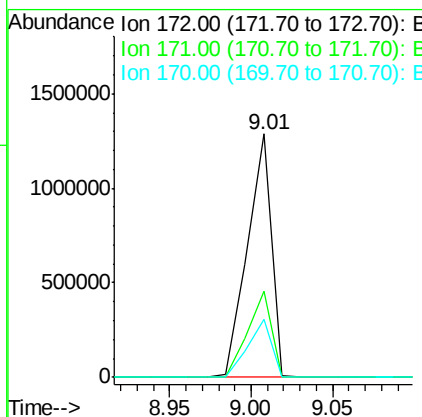
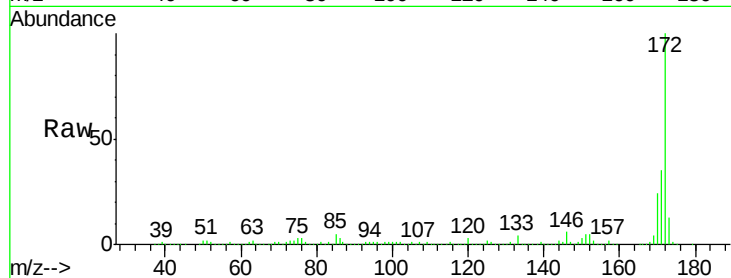




#44
 2-Fluorobiphenyl
 Concen: 92.03 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092183.D
 Acq: 10 Jan 2017 15:48

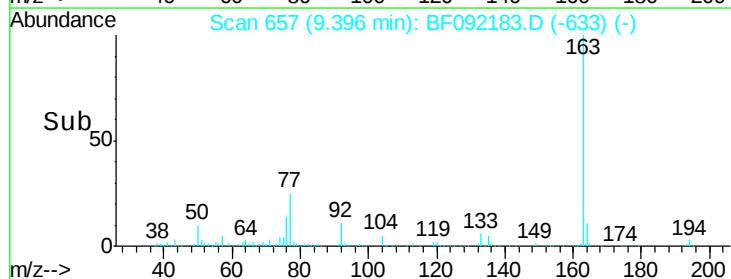
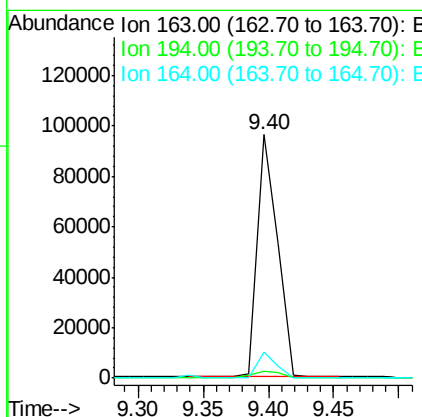
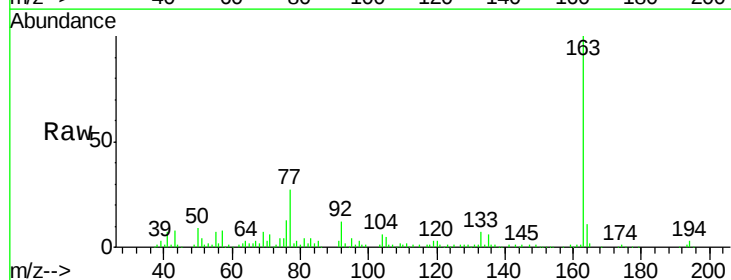
Instrument :
 BNA_F
 ClientSampleId :
 P3-SP5RE

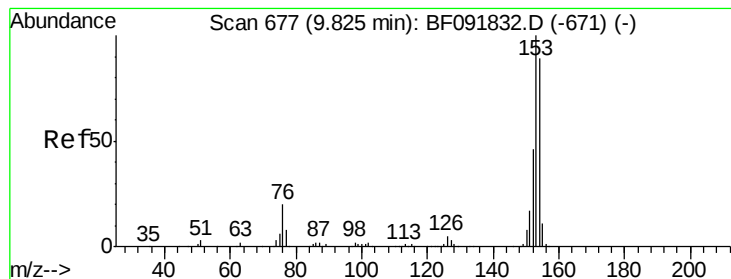
Tgt Ion:172 Resp: 1311690
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.4 44.0
 170 23.8 20.2 30.4



#49
 Dimethylphthalate
 Concen: 5.51 ng
 RT: 9.40 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF092183.D
 Acq: 10 Jan 2017 15:48

Tgt Ion:163 Resp: 104028
 Ion Ratio Lower Upper
 163 100
 194 3.0 3.0 4.4
 164 10.8 8.0 12.0





#51

Acenaphthene

Concen: 7.86 ng

RT: 9.70 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF092183.D

Acq: 10 Jan 2017 15:48

Instrument :

BNA_F

ClientSampleId :

P3-SP5RE

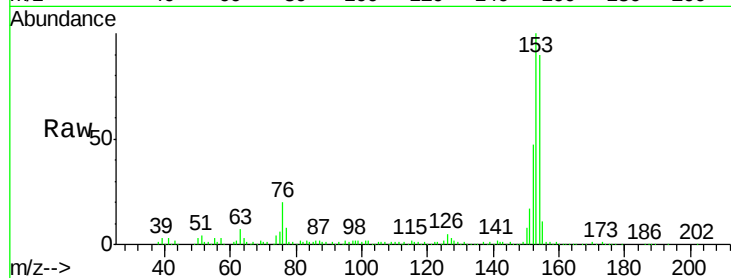
Tgt Ion:154 Resp: 131367

Ion Ratio Lower Upper

154 100

153 111.4 88.6 133.0

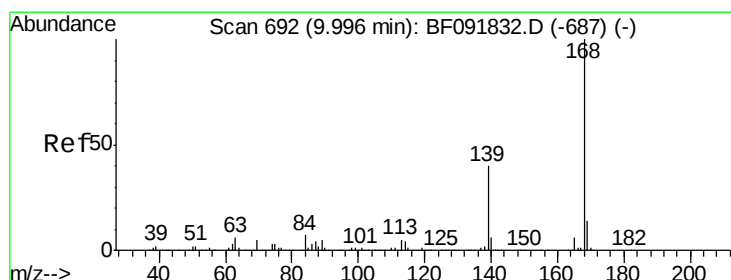
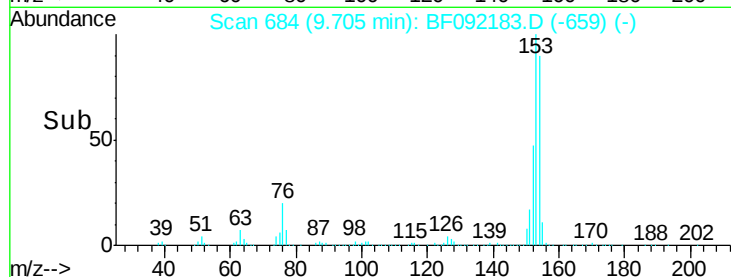
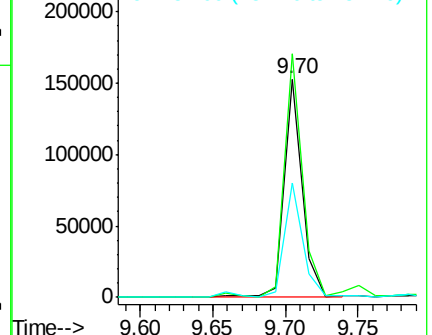
152 52.1 41.6 62.4



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: 5.68 ng

RT: 9.88 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF092183.D

Acq: 10 Jan 2017 15:48

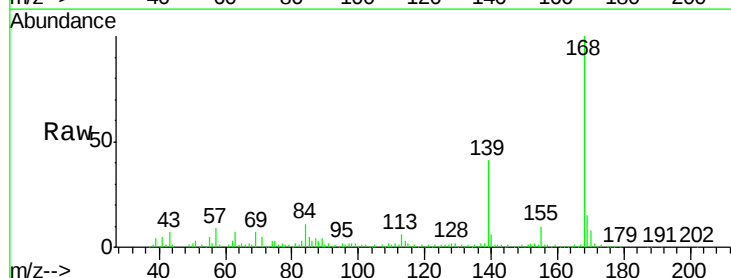
Tgt Ion:168 Resp: 128112

Ion Ratio Lower Upper

168 100

139 41.4 32.6 49.0

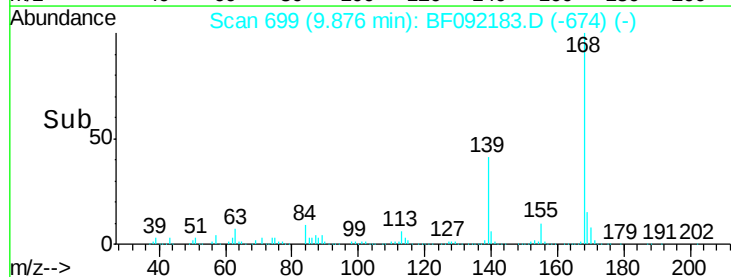
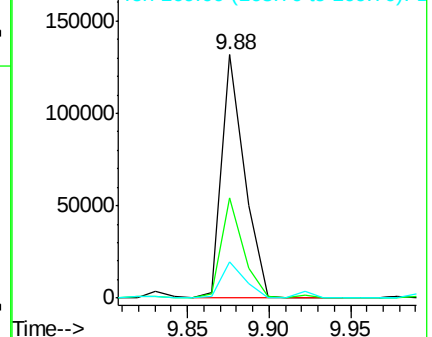
169 15.1 11.3 16.9

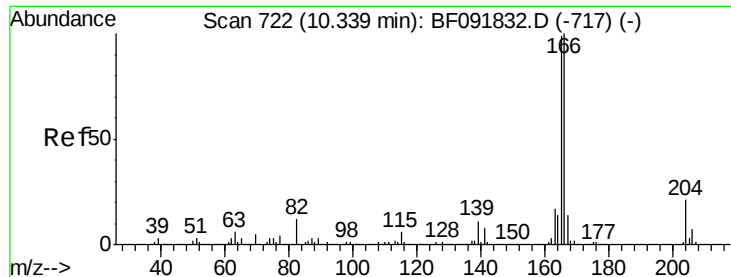


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

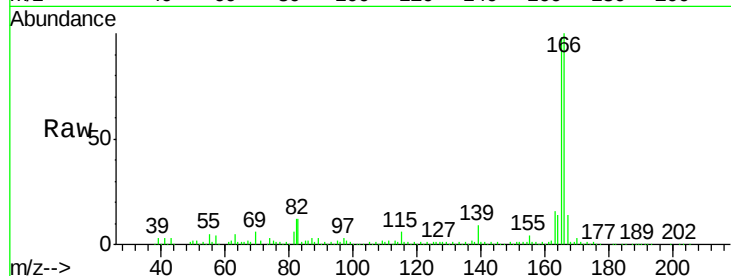




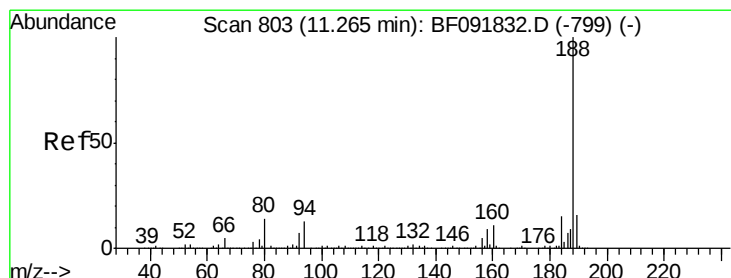
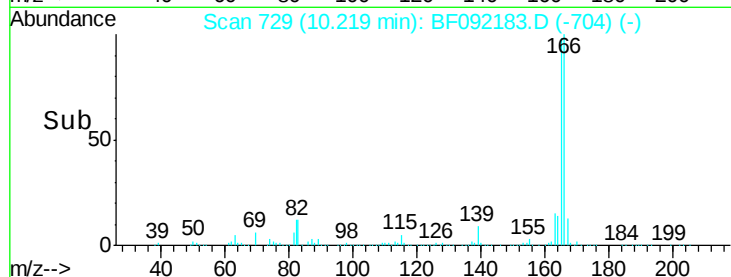
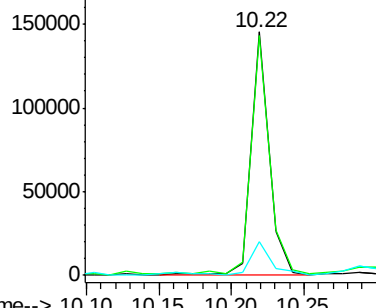
#57
 Fluorene
 Concen: 7.52 ng
 RT: 10.22 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF092183.D
 Acq: 10 Jan 2017 15:48

Instrument :
 BNA_F
 ClientSampleId :
 P3-SP5RE

Tgt Ion:166 Resp: 123434
 Ion Ratio Lower Upper
 166 100
 165 98.3 77.8 116.8
 167 14.0 10.8 16.2

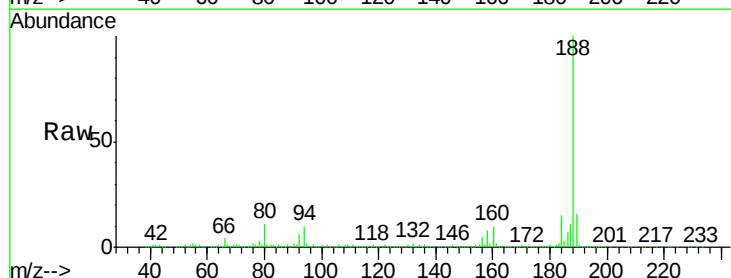


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

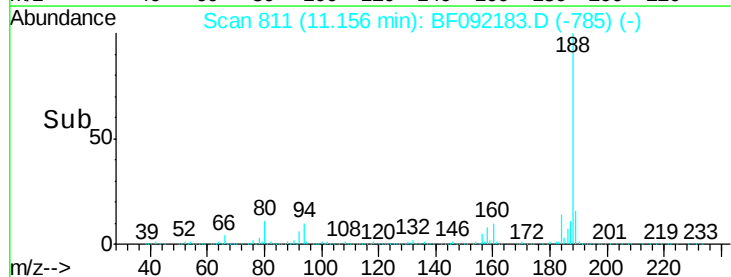
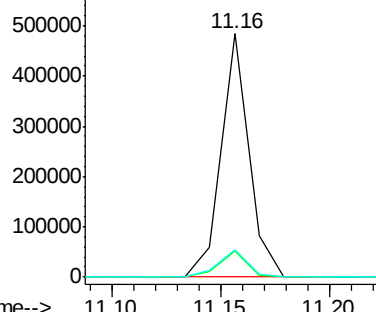


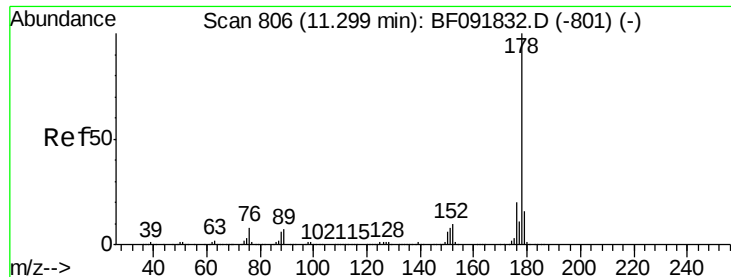
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.16 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF092183.D
 Acq: 10 Jan 2017 15:48

Tgt Ion:188 Resp: 430398
 Ion Ratio Lower Upper
 188 100
 94 10.5 10.0 15.0
 80 11.3 11.2 16.8



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

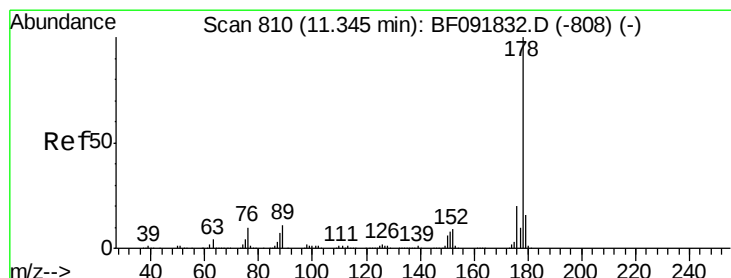
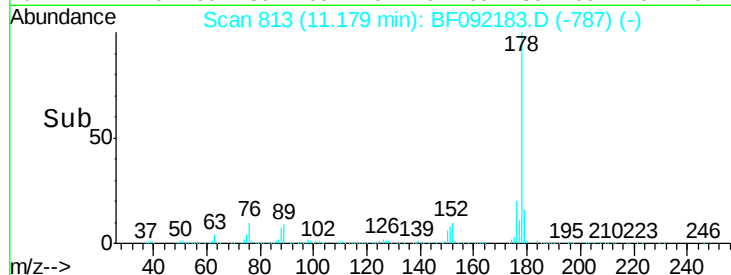
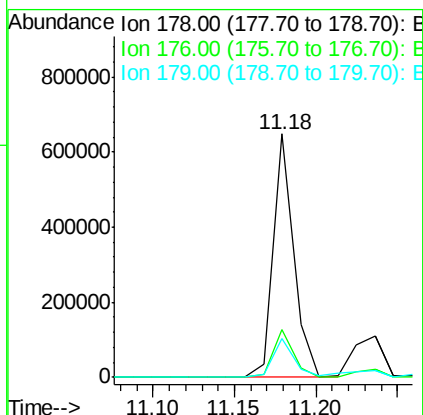
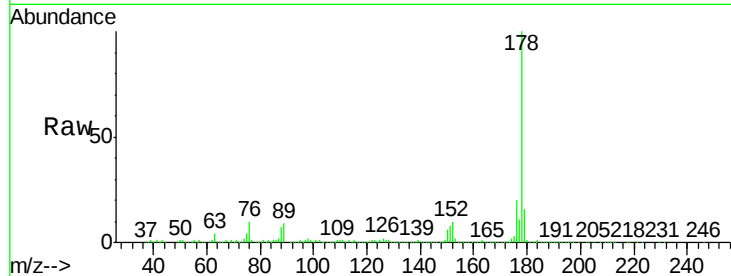




#70
Phenanthrene
Concen: 24.38 ng
RT: 11.18 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

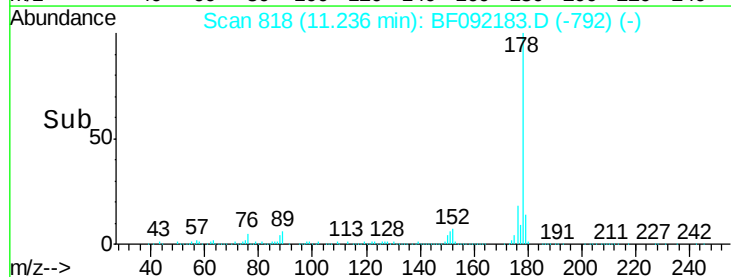
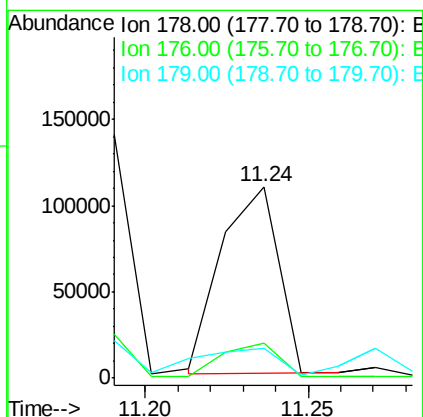
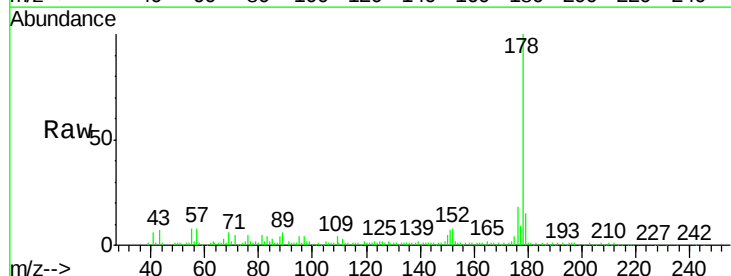
Instrument :
BNA_F
ClientSampleId :
P3-SP5RE

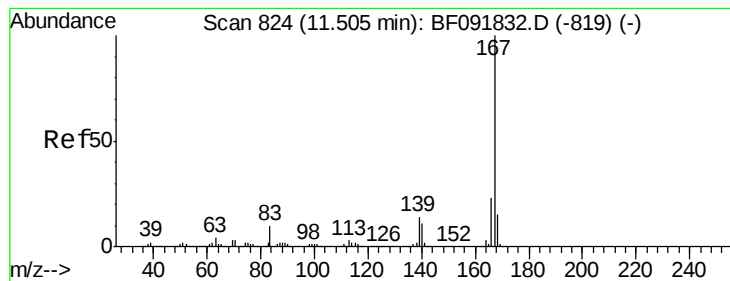
Tgt Ion:178 Resp: 569018
Ion Ratio Lower Upper
178 100
176 19.7 16.6 25.0
179 16.0 12.8 19.2



#71
Anthracene
Concen: 4.41 ng
RT: 11.24 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Tgt Ion:178 Resp: 131644
Ion Ratio Lower Upper
178 100
176 18.3 15.9 23.9
179 15.3 13.2 19.8





#72

Carbazole

Concen: 2.40 ng

RT: 11.40 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF092183.D

Acq: 10 Jan 2017 15:48

Instrument :

BNA_F

ClientSampleId :

P3-SP5RE

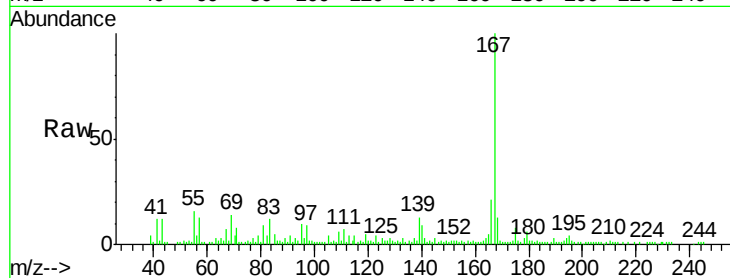
Tgt Ion:167 Resp: 63070

Ion Ratio Lower Upper

167 100

166 21.4 18.2 27.2

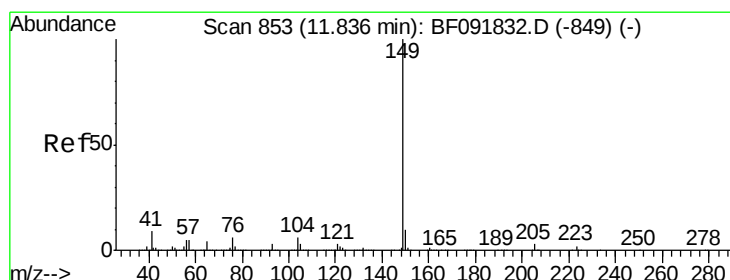
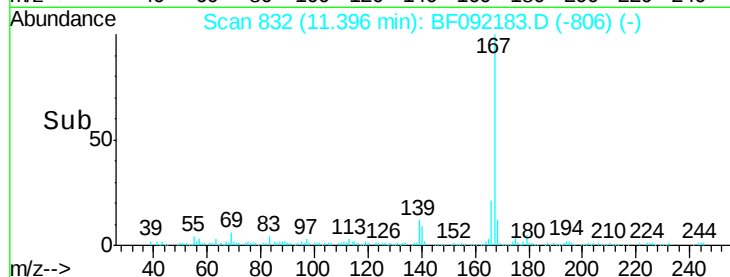
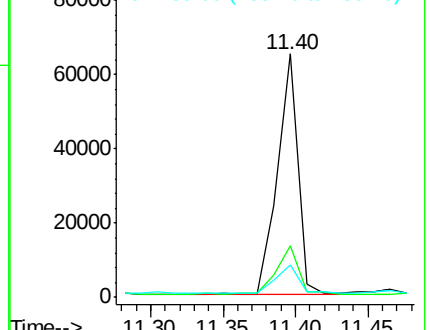
139 13.4 11.4 17.2



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



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.73 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF092183.D

Acq: 10 Jan 2017 15:48

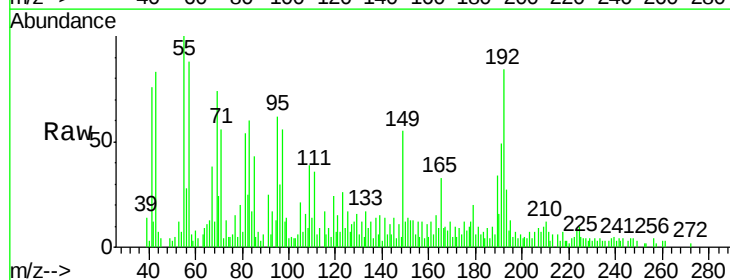
Tgt Ion:149 Resp: 6685

Ion Ratio Lower Upper

149 100

150 21.5 8.1 12.1#

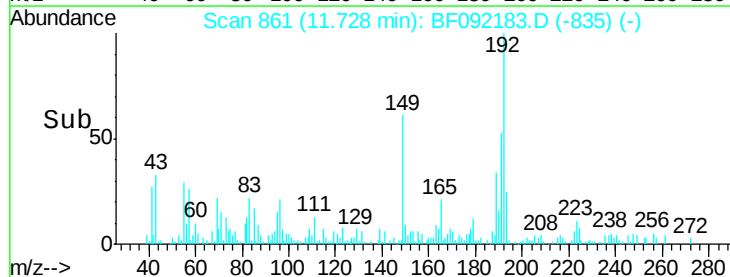
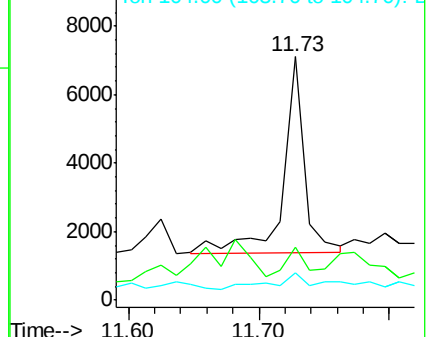
104 11.0 4.6 7.0#

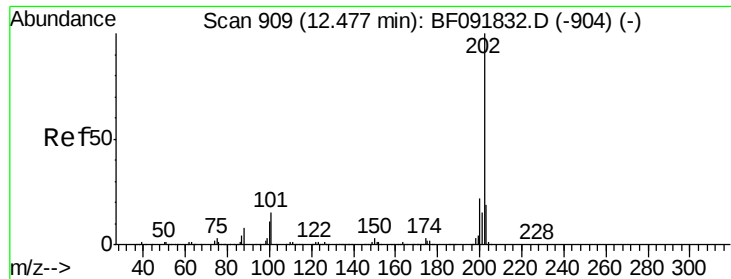


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 21.07 ng

RT: 12.37 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF092183.D

Acq: 10 Jan 2017 15:48

Instrument :

BNA_F

ClientSampleId :

P3-SP5RE

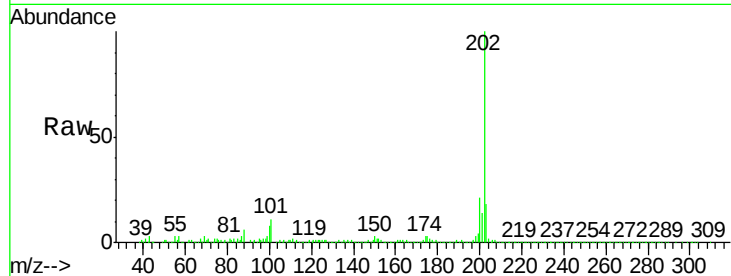
Tgt Ion:202 Resp: 473083

Ion Ratio Lower Upper

202 100

101 11.5 0.0 34.6

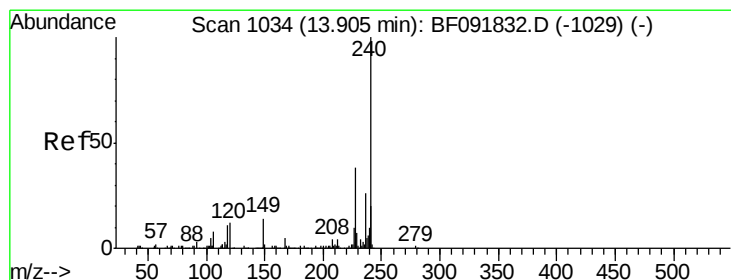
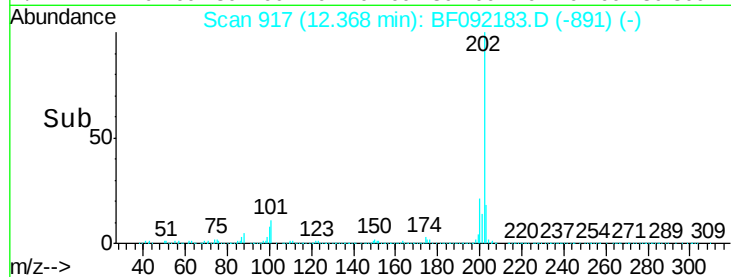
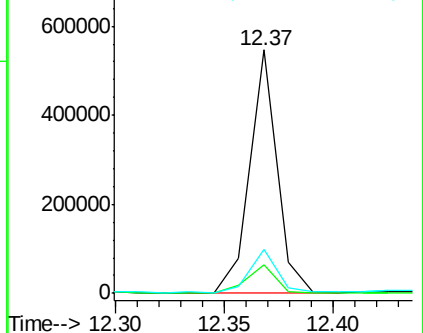
203 18.0 0.0 38.7



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: 13.80 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BF092183.D

Acq: 10 Jan 2017 15:48

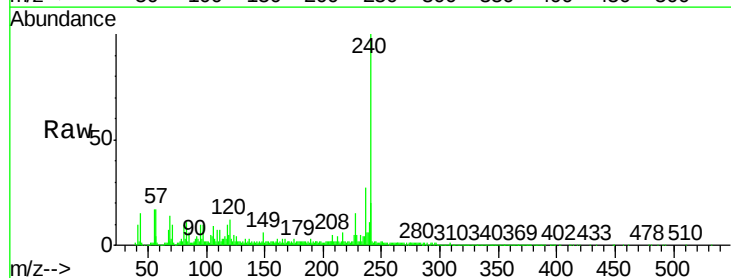
Tgt Ion:240 Resp: 258760

Ion Ratio Lower Upper

240 100

120 12.4 12.9 19.3#

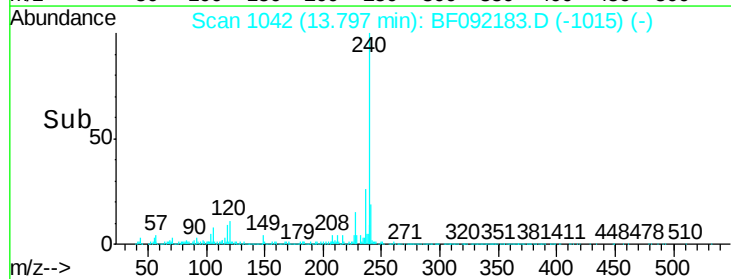
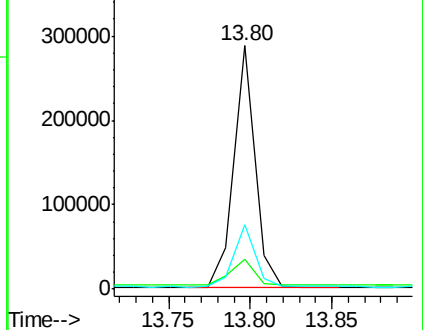
236 26.6 20.9 31.3

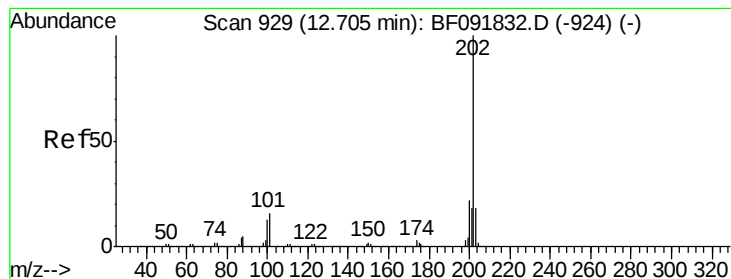


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 20.89 ng

RT: 12.60 min Scan# 937

Delta R.T. 0.01 min

Lab File: BF092183.D

Acq: 10 Jan 2017 15:48

Instrument :

BNA_F

ClientSampleId :

P3-SP5RE

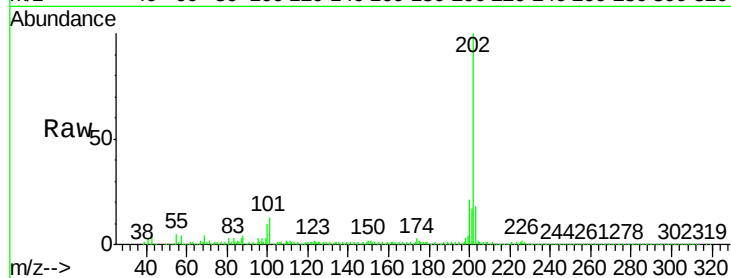
Tgt Ion:202 Resp: 396653

Ion Ratio Lower Upper

202 100

200 20.7 17.7 26.5

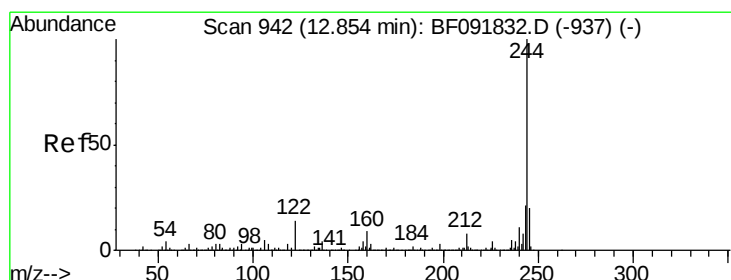
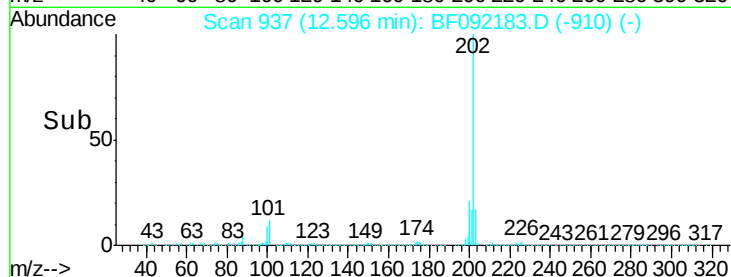
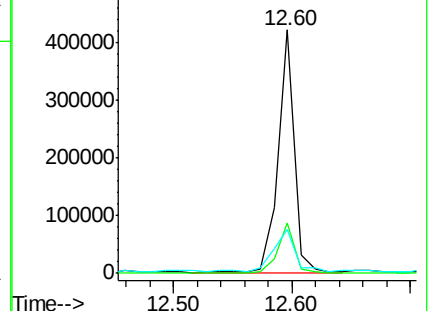
203 18.1 14.7 22.1



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: 73.10 ng

RT: 12.74 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF092183.D

Acq: 10 Jan 2017 15:48

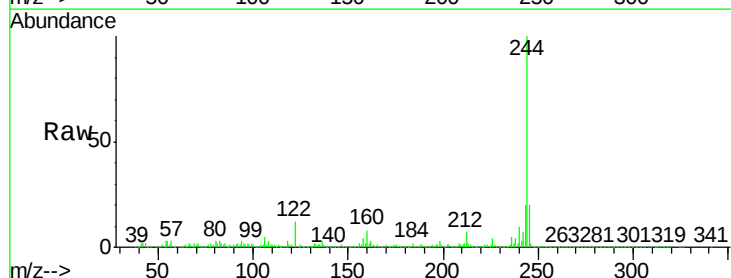
Tgt Ion:244 Resp: 779883

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

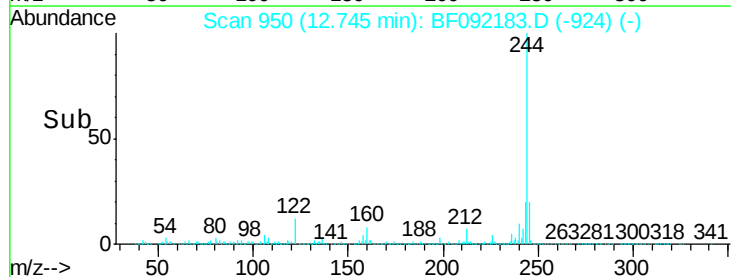
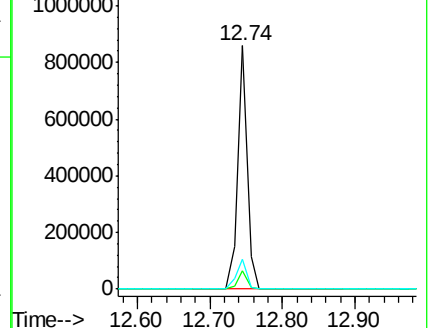
122 12.5 11.4 17.2

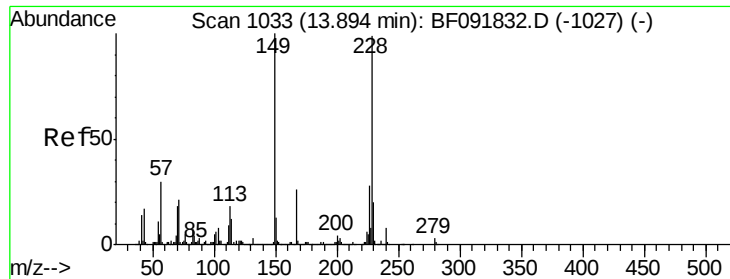


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 11.93 ng

RT: 13.79 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF092183.D

Acq: 10 Jan 2017 15:48

Instrument :

BNA_F

ClientSampleId :

P3-SP5RE

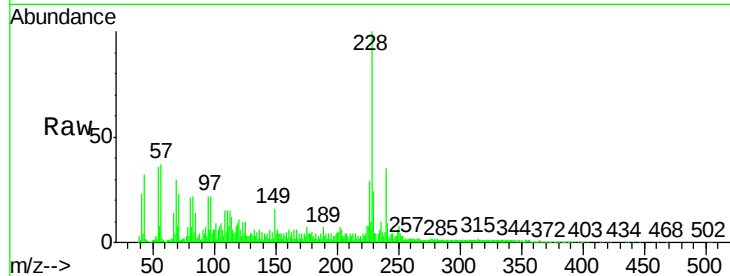
Tgt Ion:228 Resp: 174188

Ion Ratio Lower Upper

228 100

226 29.4 22.4 33.6

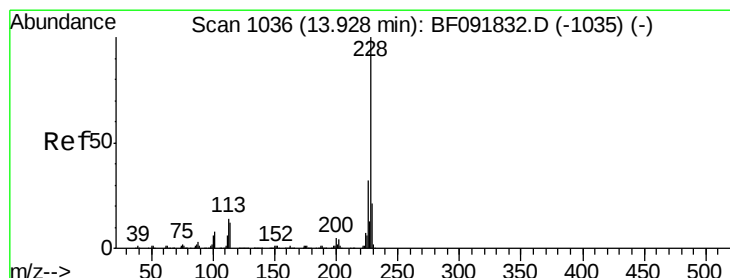
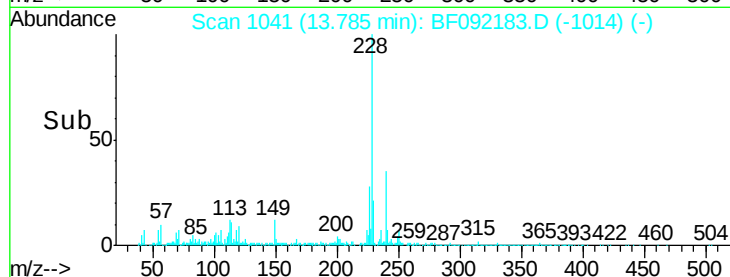
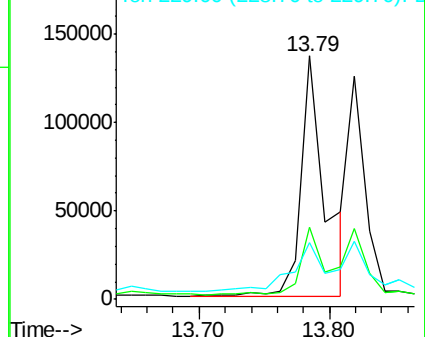
229 23.5 16.2 24.4



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: 11.89 ng

RT: 13.79 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF092183.D

Acq: 10 Jan 2017 15:48

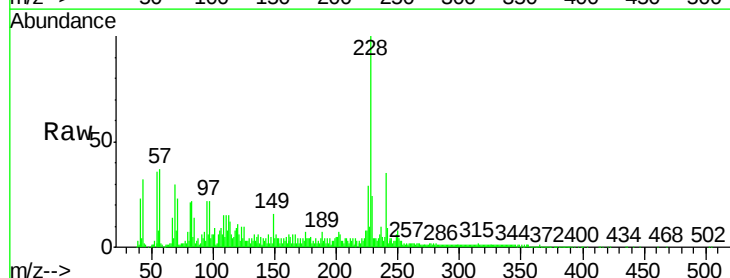
Tgt Ion:228 Resp: 174188

Ion Ratio Lower Upper

228 100

226 29.4 25.4 38.0

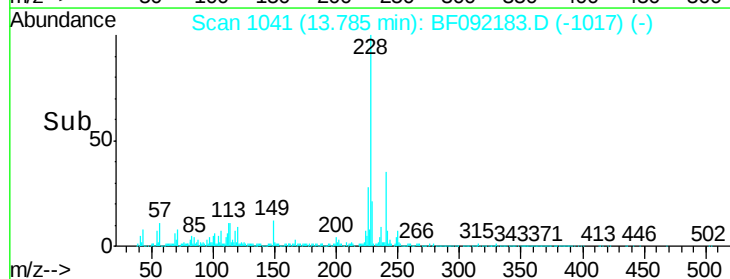
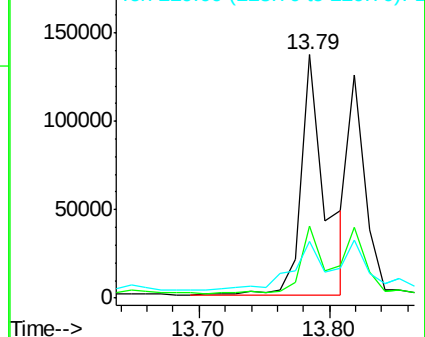
229 23.5 16.2 24.2

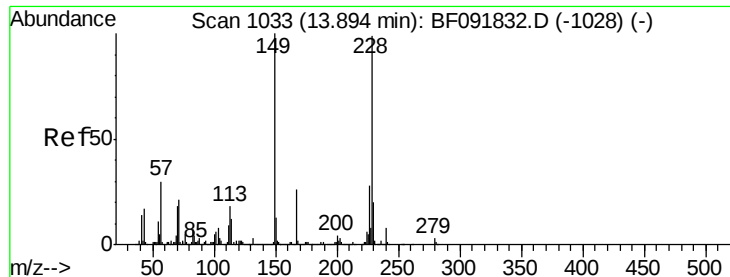


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

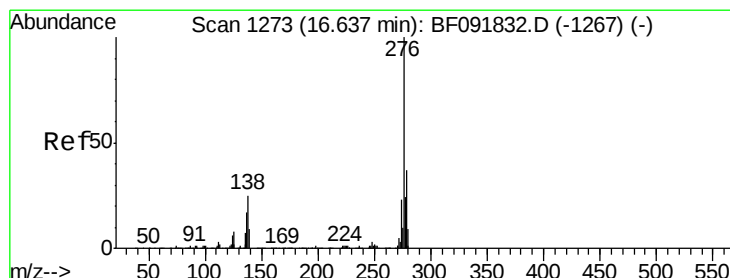
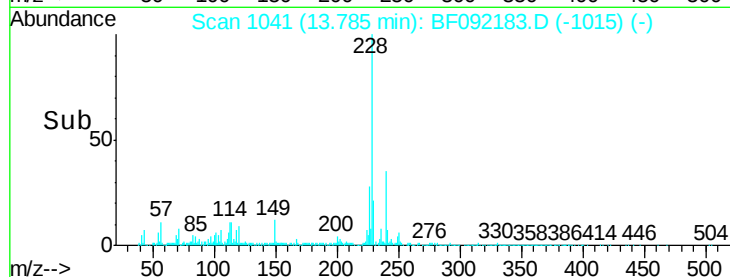
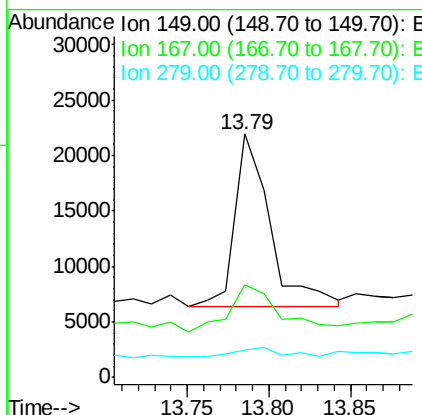
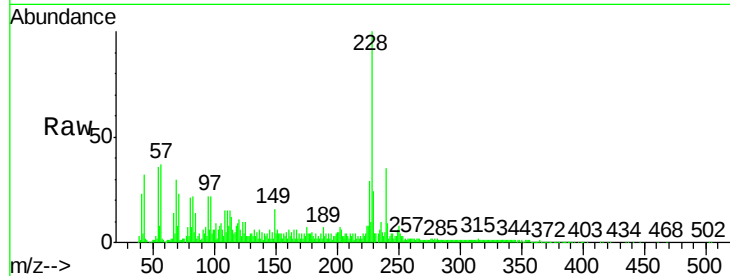




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.25 ng
 RT: 13.79 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF092183.D
 Acq: 10 Jan 2017 15:48

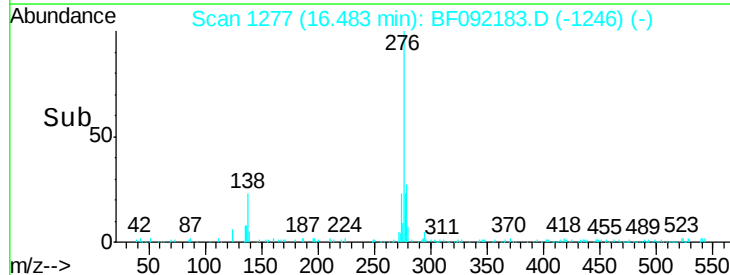
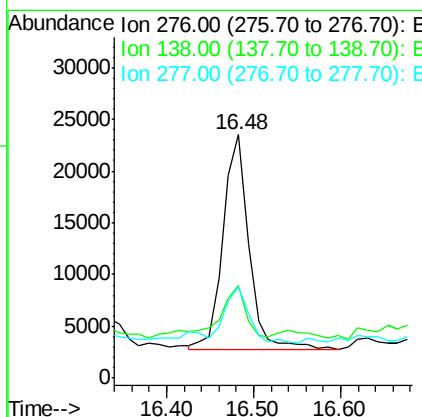
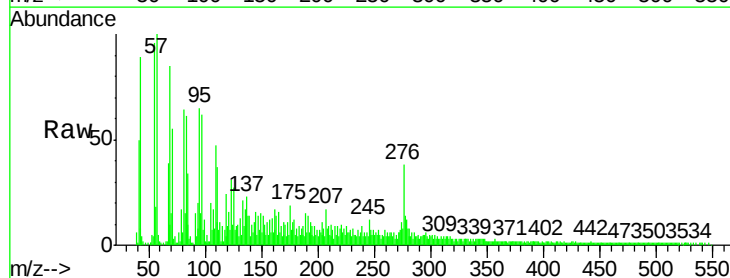
Instrument :
 BNA_F
 ClientSampleId :
 P3-SP5RE

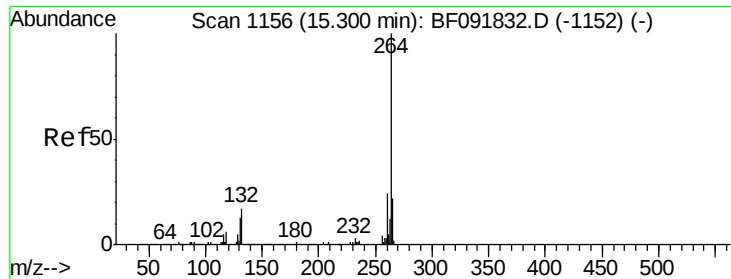
Tgt Ion:149 Resp: 22898
 Ion Ratio Lower Upper
 149 100
 167 38.0 20.2 30.4#
 279 11.2 1.8 2.8#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.37 ng
 RT: 16.48 min Scan# 1277
 Delta R.T. 0.06 min
 Lab File: BF092183.D
 Acq: 10 Jan 2017 15:48

Tgt Ion:276 Resp: 42792
 Ion Ratio Lower Upper
 276 100
 138 27.1 21.8 32.6
 277 32.5 20.2 30.4#



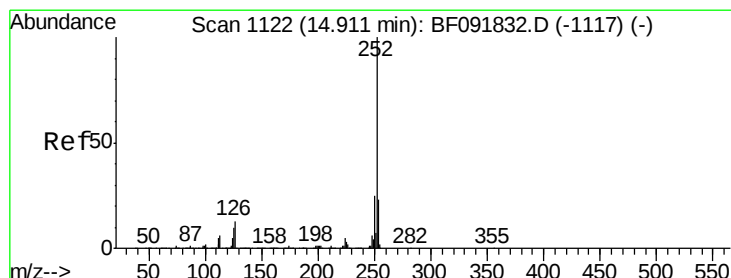
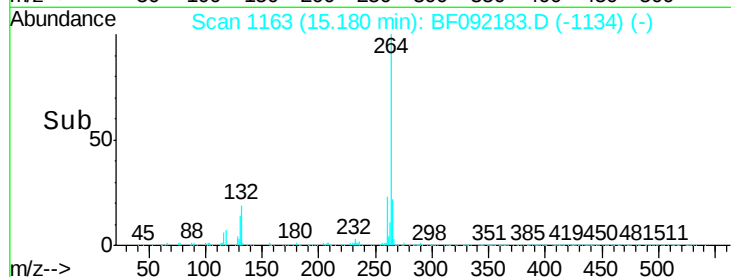
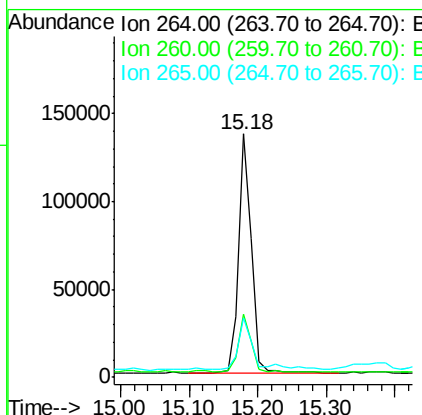
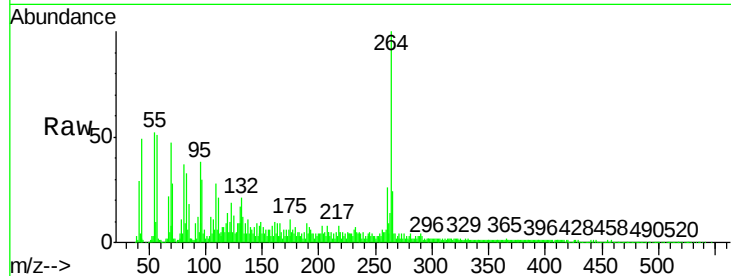


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1163
Delta R.T. 0.03 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Instrument :
BNA_F
ClientSampleId :
P3-SP5RE

Tgt Ion: 264 Resp: 179898

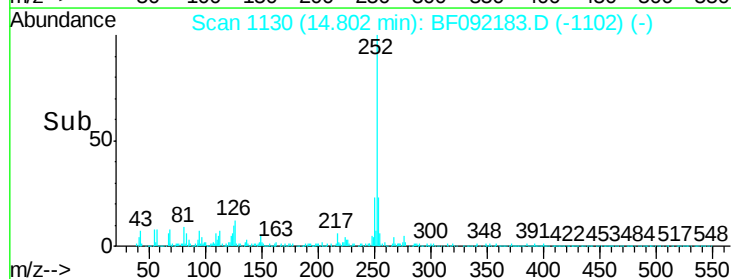
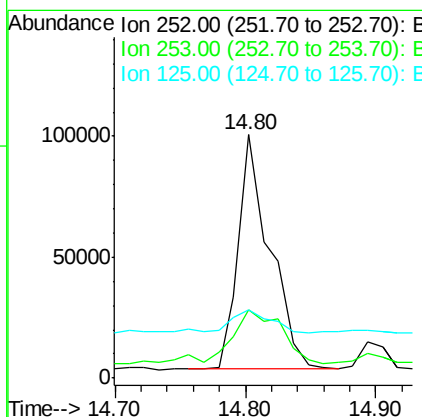
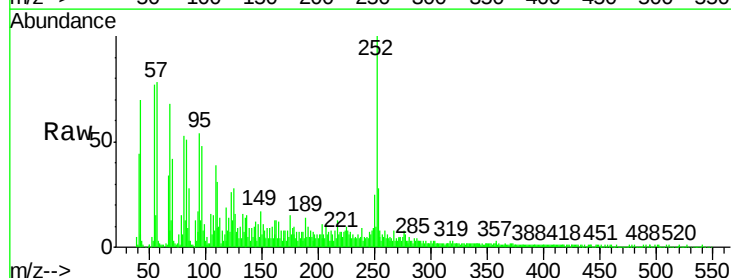
Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.2	28.8
265	24.4	17.4	26.0

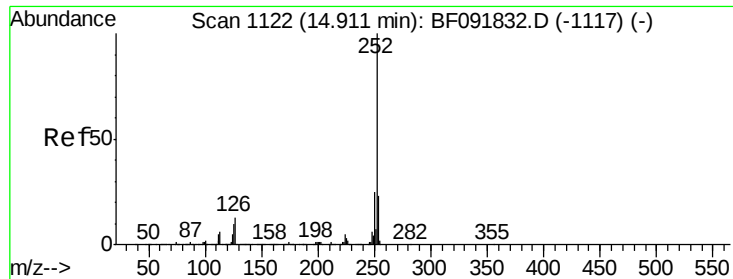


#87
Benzo(b)fluoranthene
Concen: 14.52 ng
RT: 14.80 min Scan# 1130
Delta R.T. 0.02 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Tgt Ion: 252 Resp: 162657

Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.2	27.4#
125	27.8	9.8	14.6#

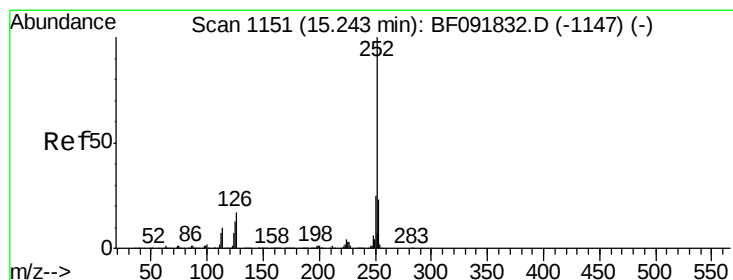
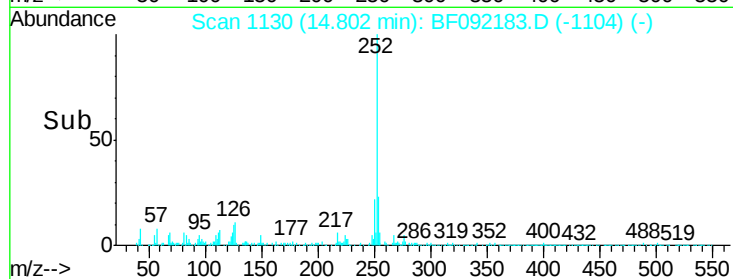
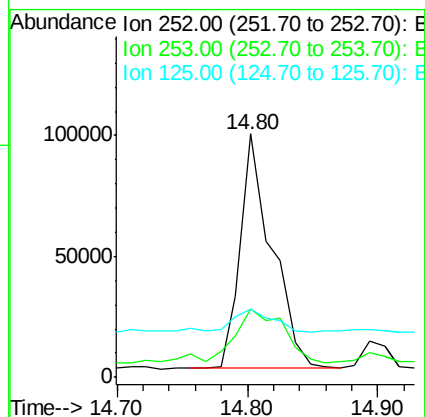
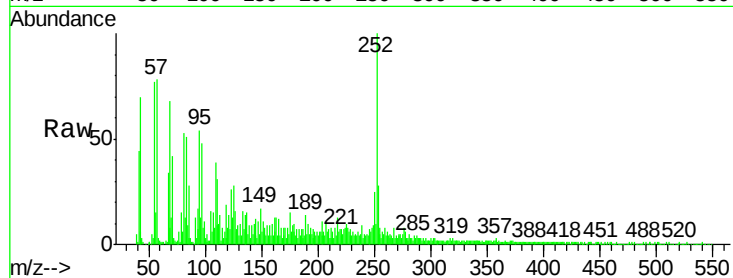




#88
Benzo(k)fluoranthene
Concen: 16.99 ng
RT: 14.80 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

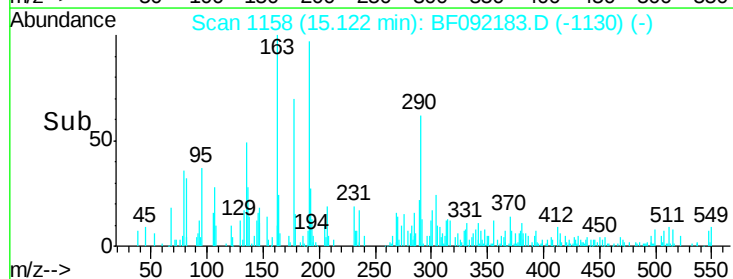
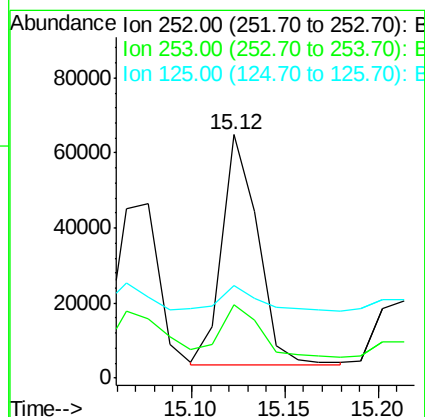
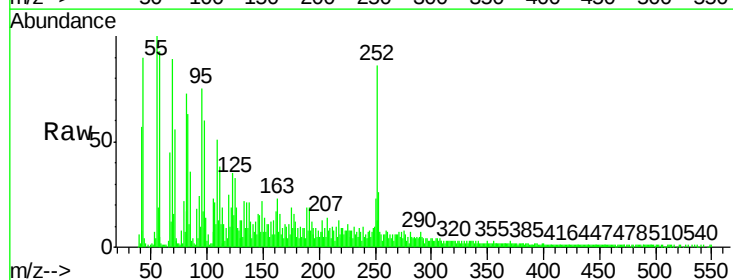
Instrument :
BNA_F
ClientSampleId :
P3-SP5RE

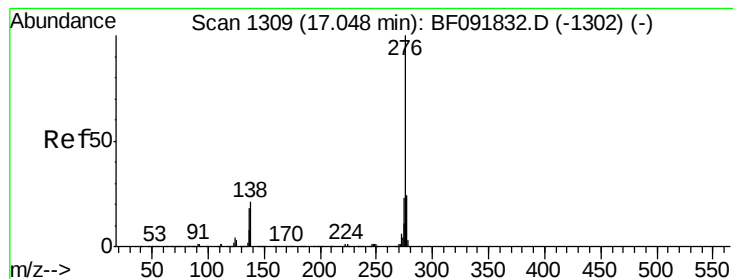
Tgt Ion:252 Resp: 162242
Ion Ratio Lower Upper
252 100
253 28.0 18.5 27.7#
125 27.8 8.9 13.3#



#89
Benzo(a)pyrene
Concen: 8.32 ng
RT: 15.12 min Scan# 1158
Delta R.T. 0.02 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Tgt Ion:252 Resp: 82698
Ion Ratio Lower Upper
252 100
253 30.0 18.2 27.2#
125 38.0 10.0 15.0#





#91

Benzo(g,h,i)perylene

Concen: 5.10 ng

RT: 16.87 min Scan# 1311

Delta R.T. 0.07 min

Lab File: BF092183.D

Acq: 10 Jan 2017 15:48

Instrument :

BNA_F

ClientSampleId :

P3-SP5RE

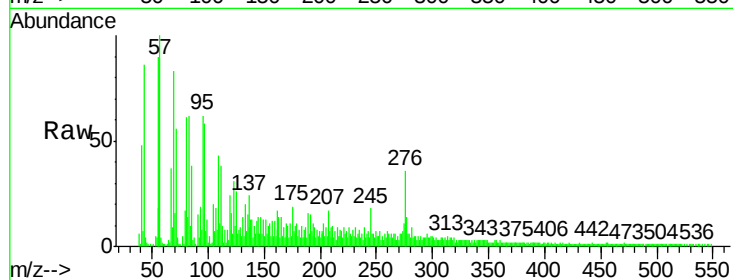
Tgt Ion: 276 Resp: 43325

Ion Ratio Lower Upper

276 100

277 39.2 19.2 28.8#

138 37.1 16.0 24.0#



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

