

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083177.D
 Acq On : 23 Nov 2015 00:06
 Operator : UM/IZ
 Sample : G4496-01
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A17-COMP

Quant Time: Nov 23 06:02:25 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

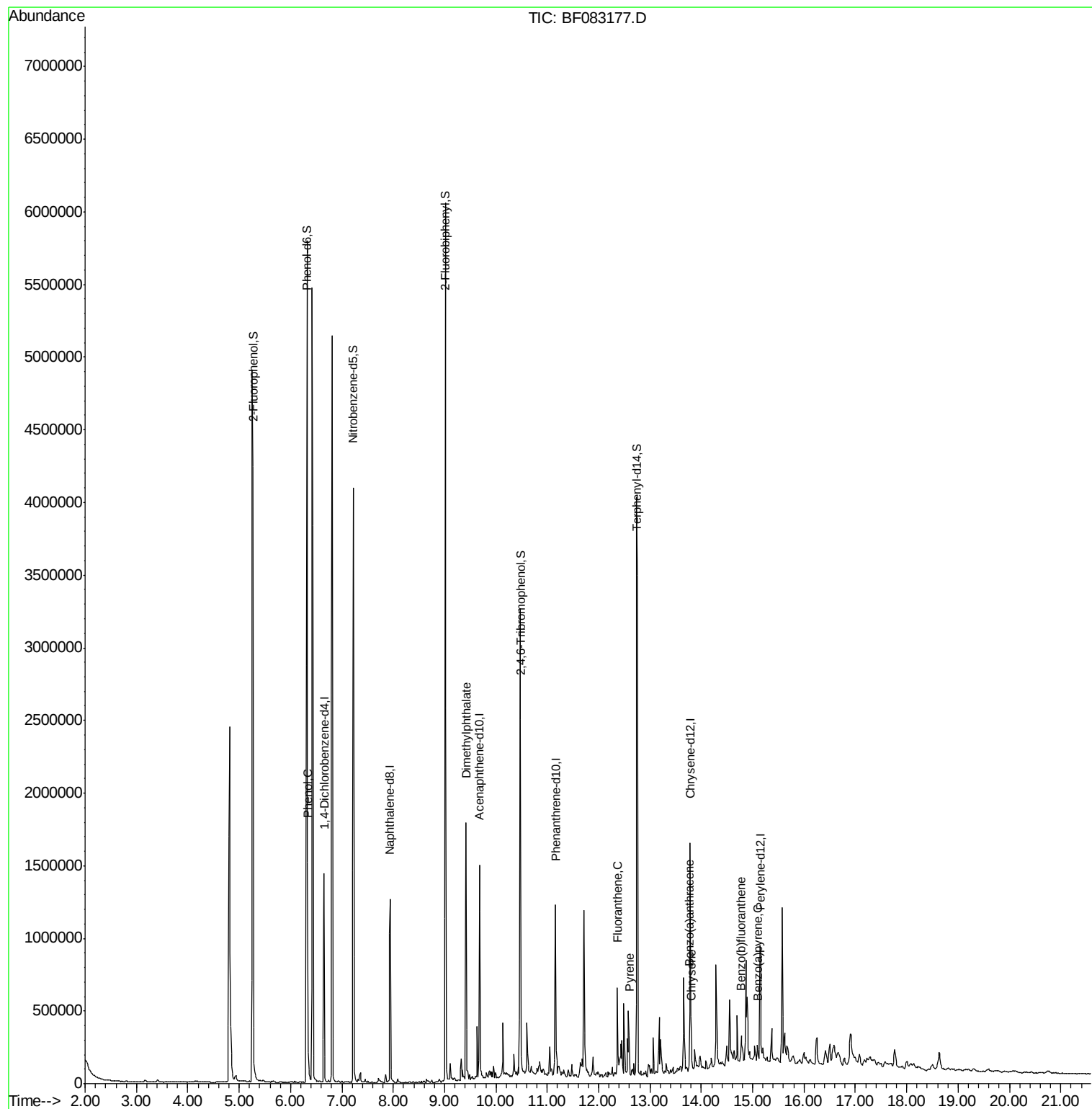
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	217881	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	781364	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	367178	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	652081	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	491609	20.00	ng	-0.02
86) Perylene-d12	15.15	264	443029	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1991712	138.20	ng	-0.01
7) Phenol-d6	6.32	99	2467265	132.32	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1585866	92.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	516461	137.49	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2237584	84.98	ng	-0.01
78) Terphenyl-d14	12.75	244	1822131	87.28	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.33	94	56686	2.51	ng	88
49) Dimethylphthalate	9.42	163	654581	23.16	ng	99
74) Fluoranthene	12.37	202	136947	3.56	ng	97
77) Pyrene	12.59	202	114757	3.42	ng	97
80) Benzo(a)anthracene	13.77	228	73111	2.40	ng	98
82) Chrysene	13.81	228	56834	2.02	ng	96
87) Benzo(b)fluoranthene	14.78	252	79890m	2.64	ng	
89) Benzo(a)pyrene	15.10	252	52641	2.11	ng	# 92

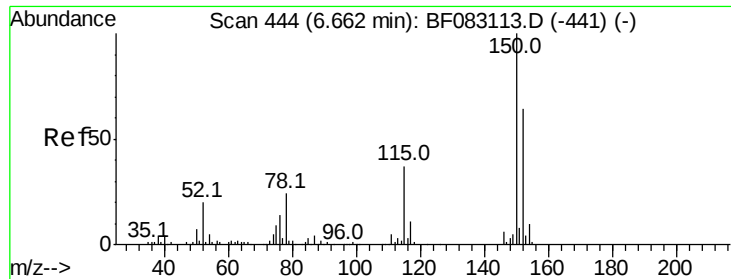
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 23 06:02:25 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF083177.D

Acq: 23 Nov 2015 00:06

Instrument :

BNA_F

ClientSampleId :

A17-COMP

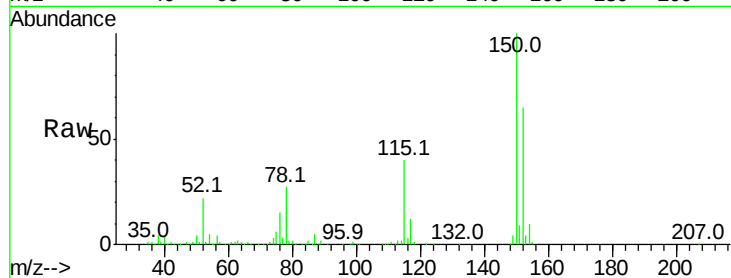
Tot Ion:152 Resp: 217881

Ion Ratio Lower Upper

152 100

150 153.6 125.8 188.8

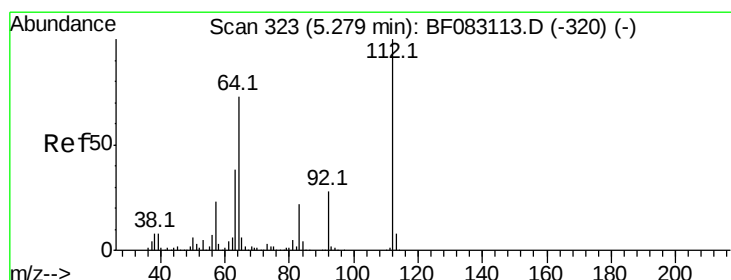
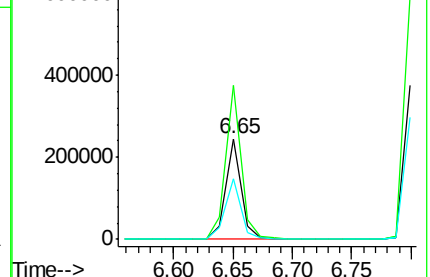
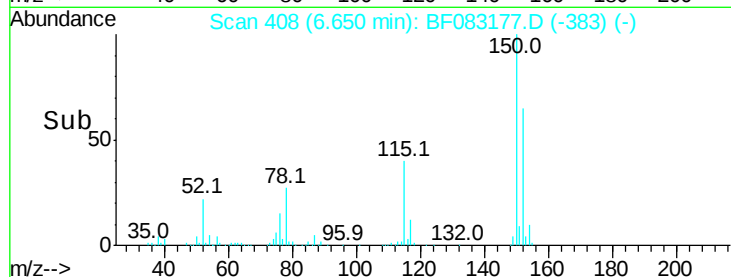
115 60.8 46.9 70.3



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: 138.20 ng

RT: 5.27 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF083177.D

Acq: 23 Nov 2015 00:06

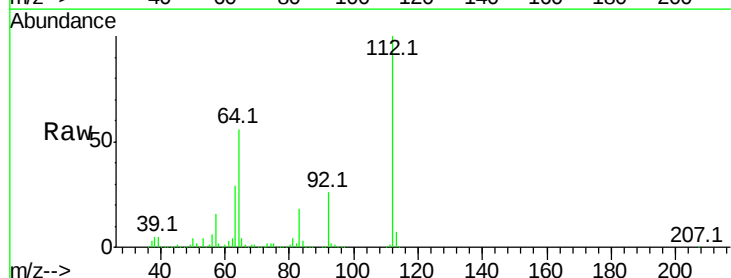
Tgt Ion:112 Resp: 1991712

Ion Ratio Lower Upper

112 100

64 56.5 58.4 87.6#

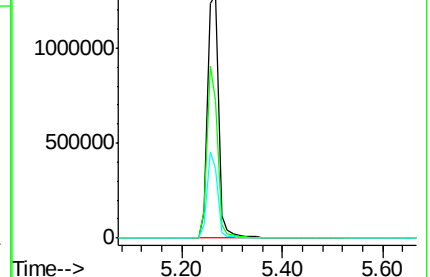
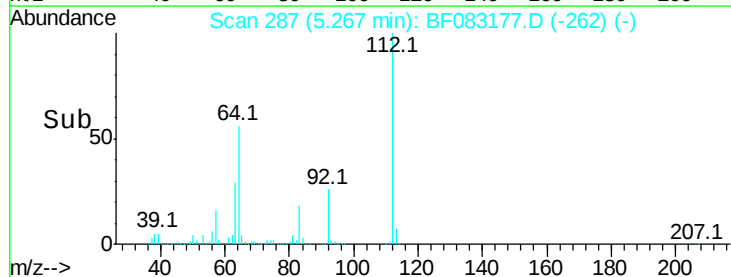
63 28.5 30.0 45.0#

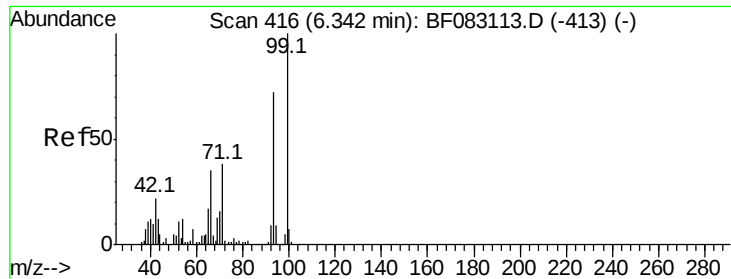


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.32 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083177.D

Acq: 23 Nov 2015 00:06

Instrument :

BNA_F

ClientSampleId :

A17-COMP

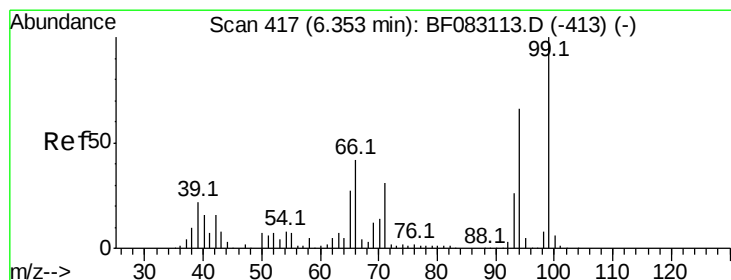
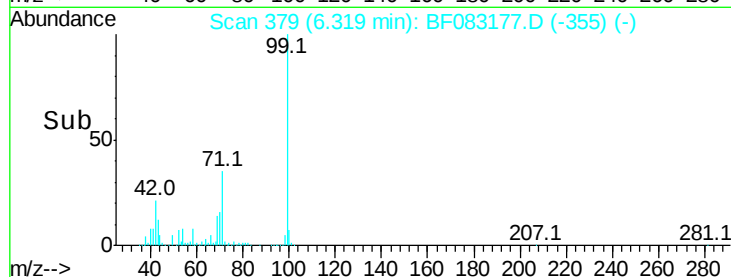
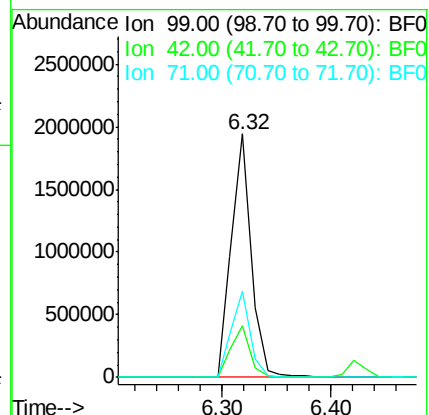
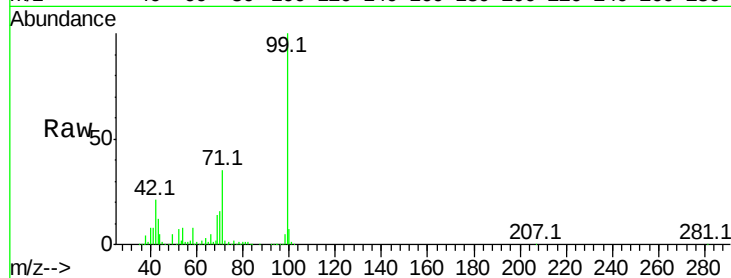
Tot Ion: 99 Resp: 2467265

Ion Ratio Lower Upper

99 100

42 21.3 17.7 26.5

71 35.4 30.2 45.4



#10

Phenol

Concen: 2.51 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF083177.D

Acq: 23 Nov 2015 00:06

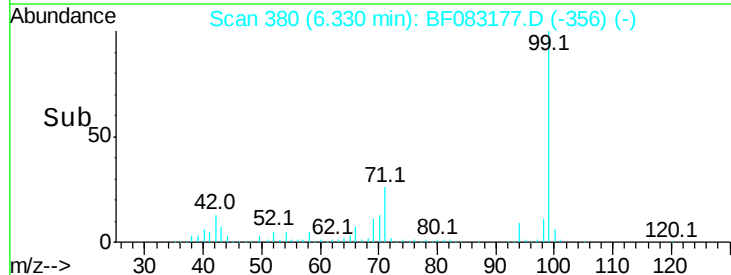
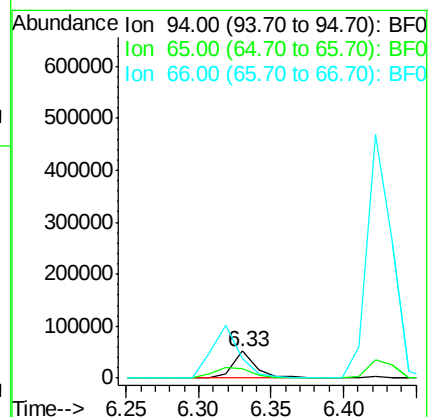
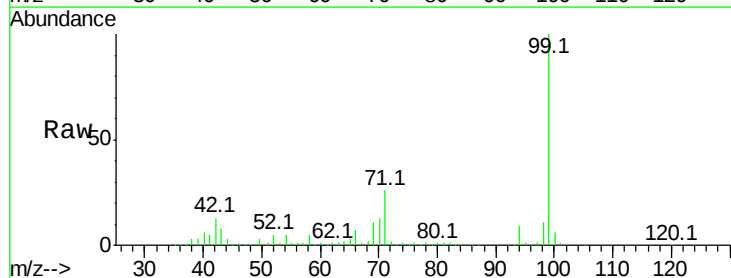
Tgt Ion: 94 Resp: 56686

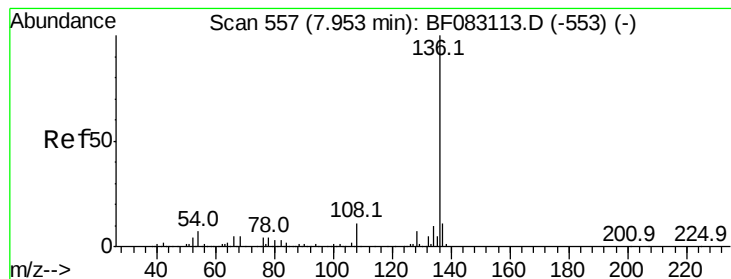
Ion Ratio Lower Upper

94 100

65 36.8 21.1 61.1

66 74.9 43.1 83.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF083177.D

Acq: 23 Nov 2015 00:06

Instrument :

BNA_F

ClientSampleId :

A17-COMP

Tot Ion:136 Resp: 781364

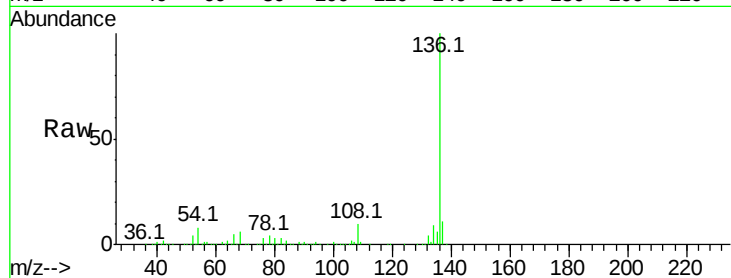
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 7.7 5.8 8.6

68 5.8 3.8 5.8#

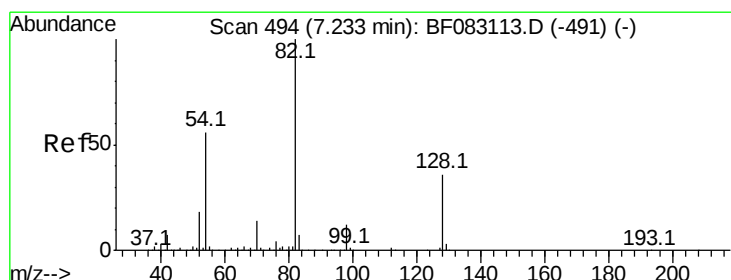
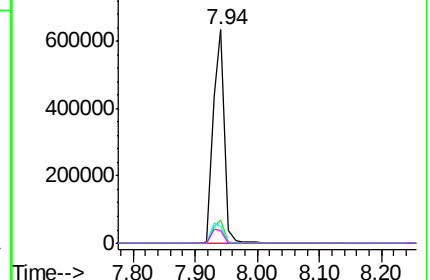
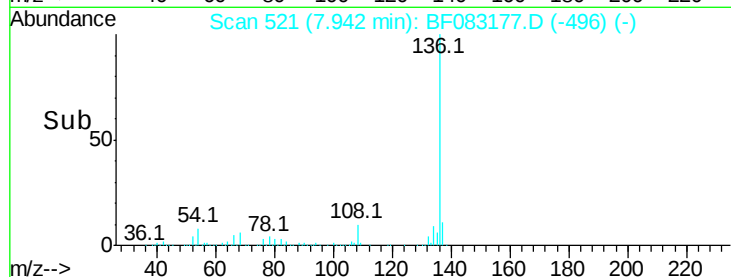


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.74 ng

RT: 7.22 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF083177.D

Acq: 23 Nov 2015 00:06

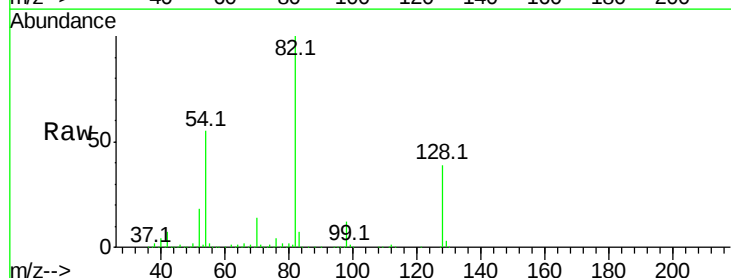
Tgt Ion: 82 Resp: 1585866

Ion Ratio Lower Upper

82 100

128 38.8 28.5 42.7

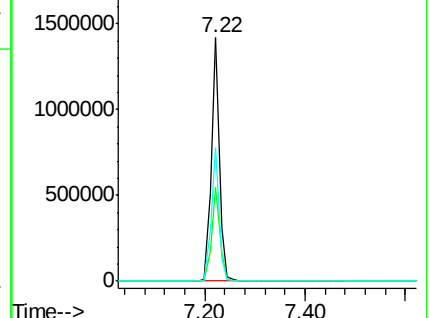
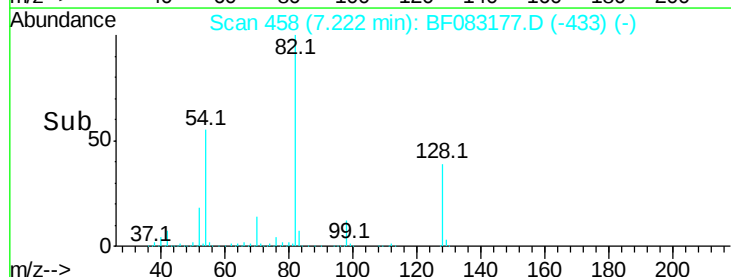
54 54.9 44.6 67.0

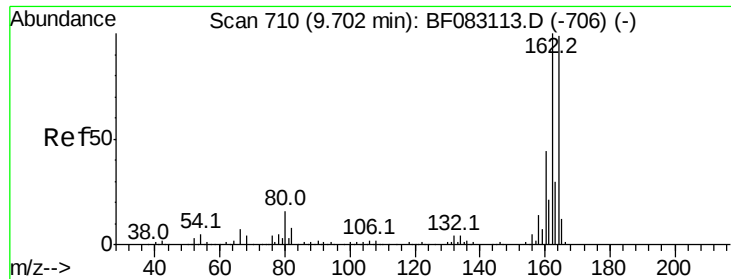


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

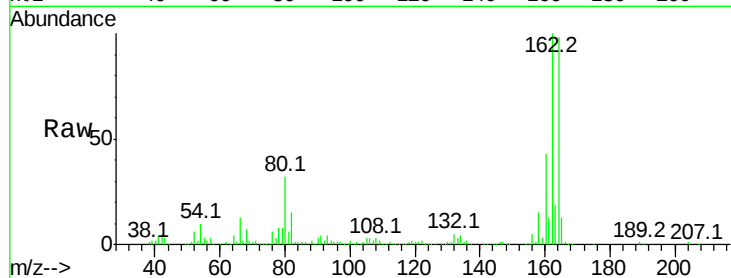




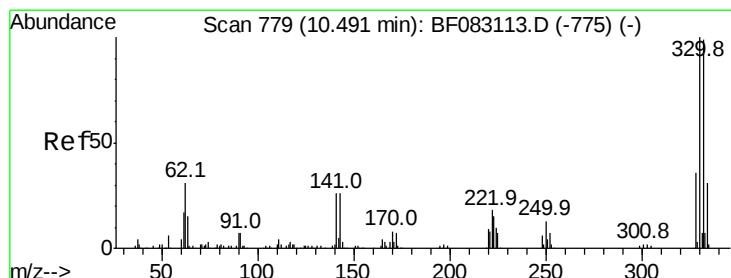
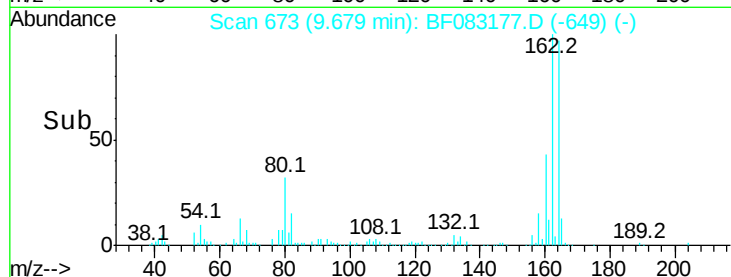
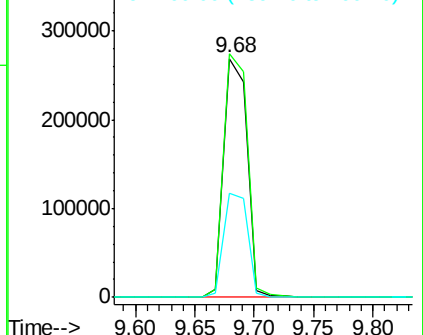
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF083177.D
Acq: 23 Nov 2015 00:06

Instrument :
BNA_F
ClientSampleId :
A17-COMP

Tot Ion:164 Resp: 367178
Ion Ratio Lower Upper
164 100
162 101.8 81.2 121.8
160 43.6 35.6 53.4

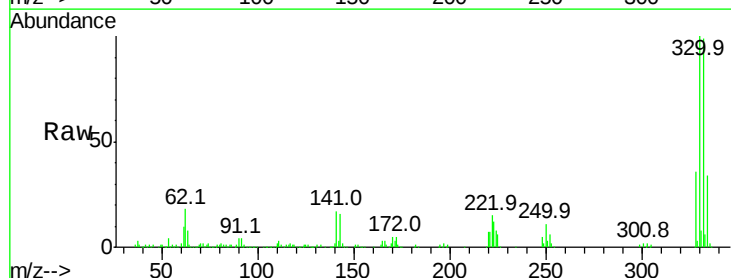


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

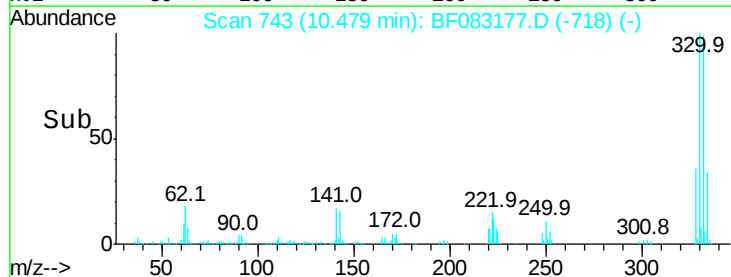
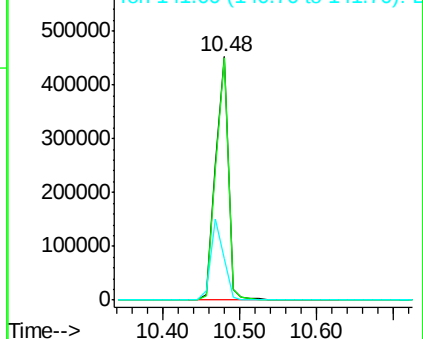


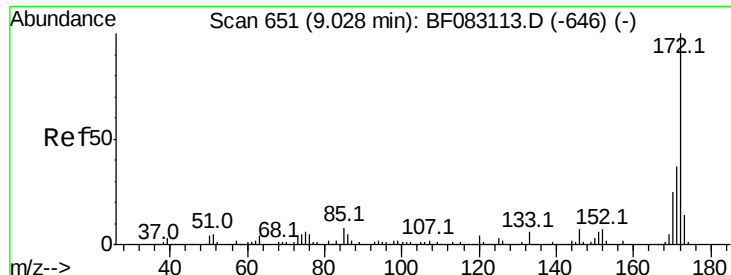
#41
2,4,6-Tribromophenol
Concen: 137.49 ng
RT: 10.48 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF083177.D
Acq: 23 Nov 2015 00:06

Tgt Ion:330 Resp: 516461
Ion Ratio Lower Upper
330 100
332 98.2 77.7 116.5
141 34.0 29.7 44.5



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



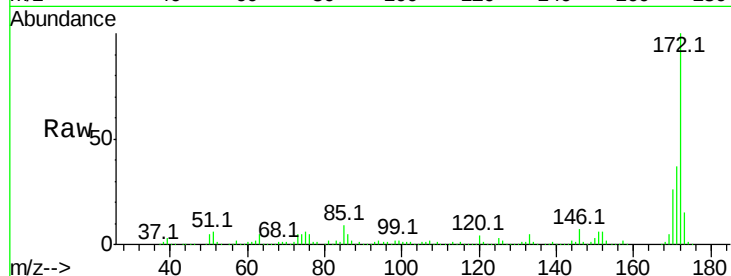


#44
 2-Fluorobiphenyl
 Concen: 84.98 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083177.D
 Acq: 23 Nov 2015 00:06

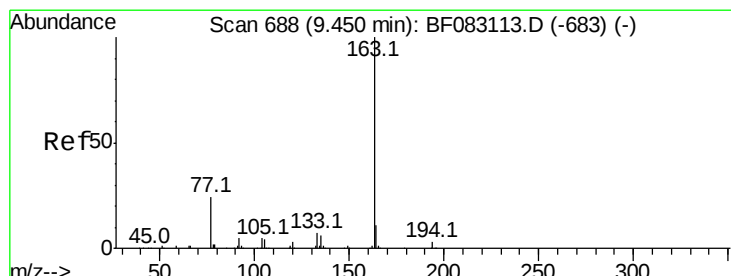
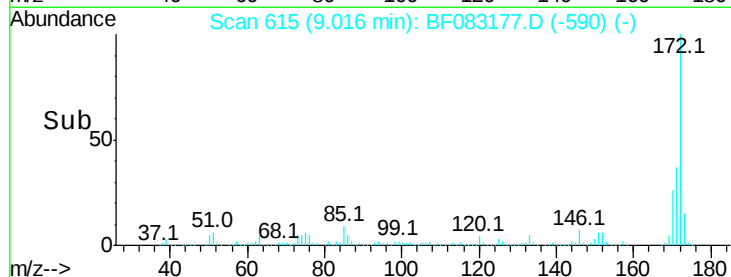
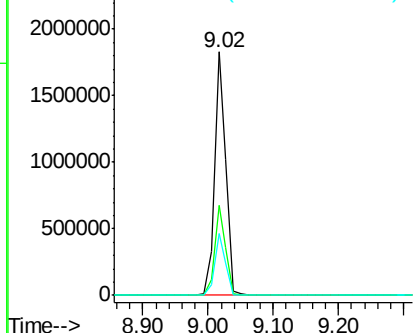
Instrument :
 BNA_F
 ClientSampleId :
 A17-COMP

Tot Ion:172 Resp: 2237584

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.5	44.3
170	25.6	19.9	29.9



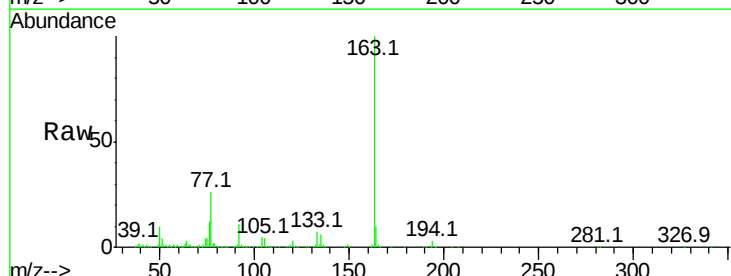
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



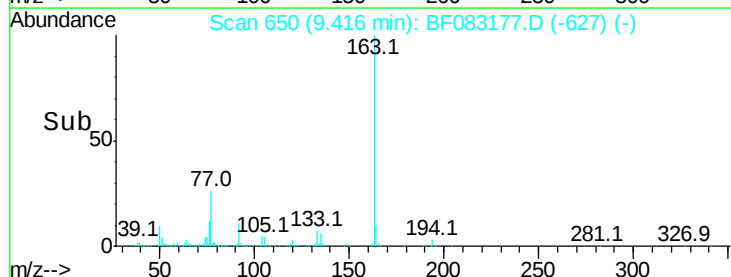
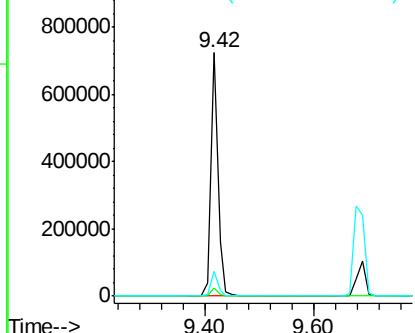
#49
 Dimethylphthalate
 Concen: 23.16 ng
 RT: 9.42 min Scan# 650
 Delta R.T. -0.03 min
 Lab File: BF083177.D
 Acq: 23 Nov 2015 00:06

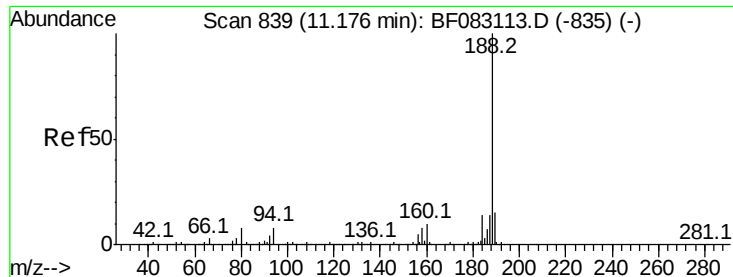
Tgt Ion:163 Resp: 654581

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.3	8.6	12.8



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

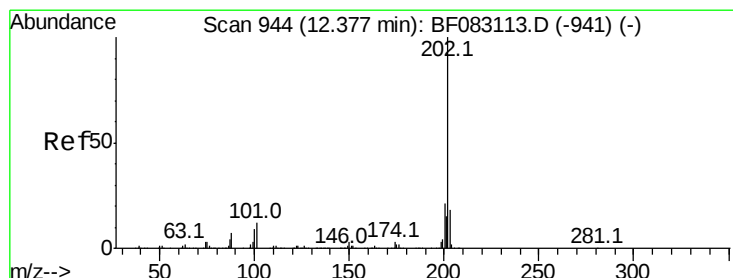
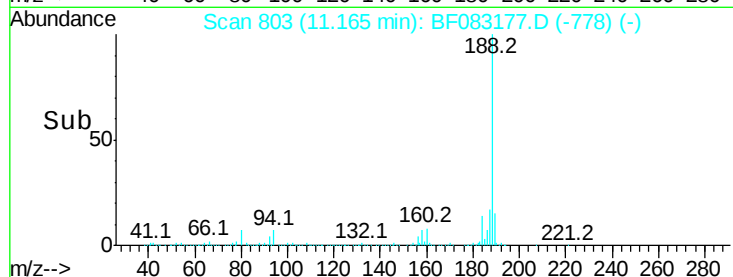
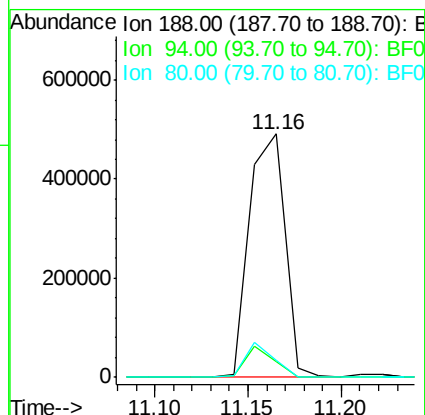
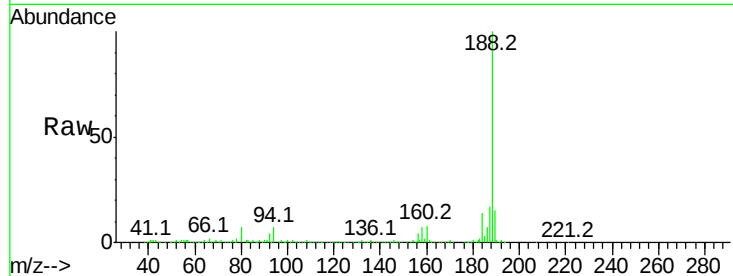




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083177.D
Acq: 23 Nov 2015 00:06

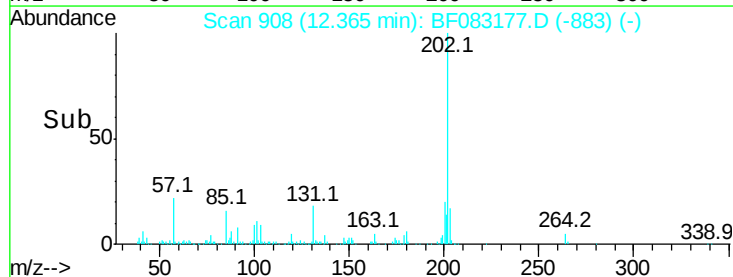
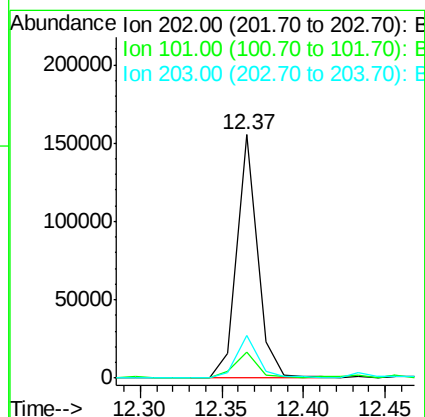
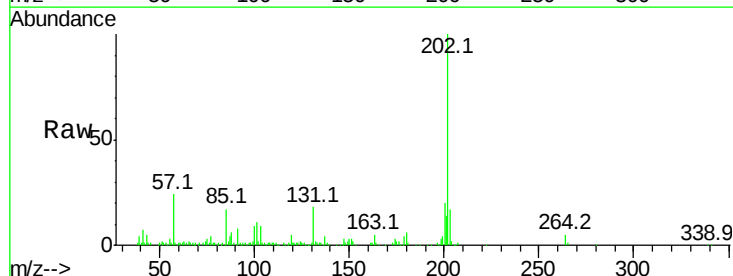
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BNA_F
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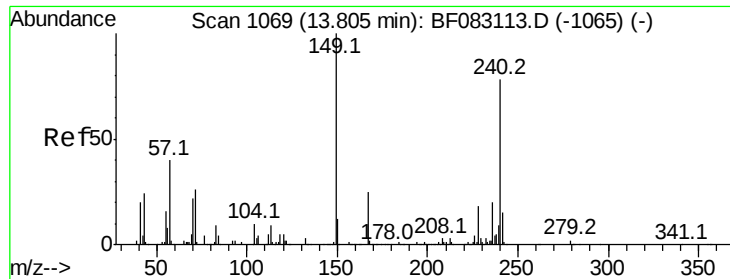
Tot Ion:188 Resp: 652081
Ion Ratio Lower Upper
188 100
94 6.7 6.0 9.0
80 7.1 6.7 10.1



#74
Fluoranthene
Concen: 3.56 ng
RT: 12.37 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF083177.D
Acq: 23 Nov 2015 00:06

Tgt Ion:202 Resp: 136947
Ion Ratio Lower Upper
202 100
101 10.5 0.0 32.3
203 17.3 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF083177.D

Acq: 23 Nov 2015 00:06

Instrument :

BNA_F

ClientSampleId :

A17-COMP

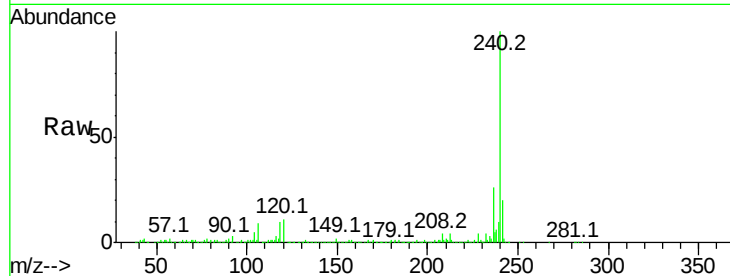
Tot Ion:240 Resp: 491609

Ion Ratio Lower Upper

240 100

120 11.4 5.4 8.2#

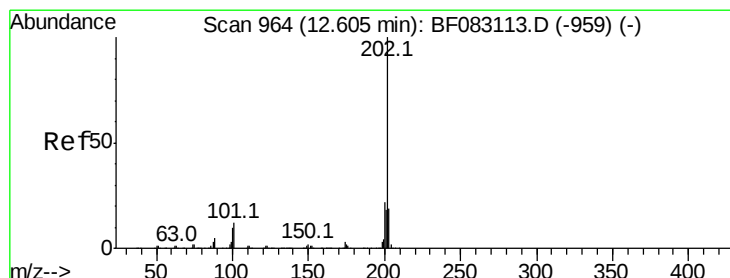
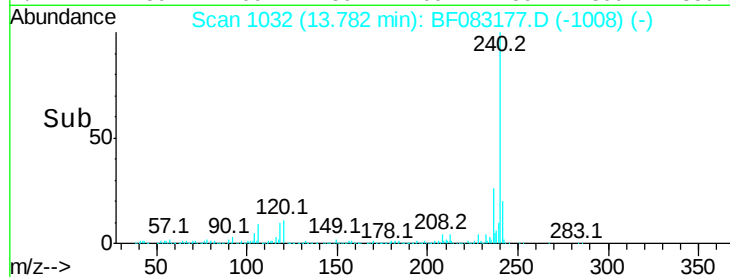
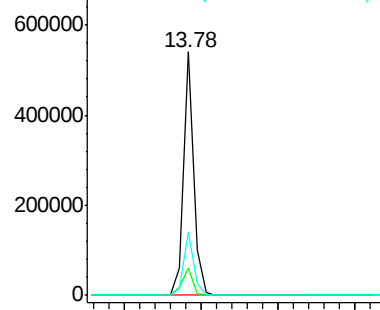
236 26.0 20.6 31.0



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: 3.42 ng

RT: 12.59 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF083177.D

Acq: 23 Nov 2015 00:06

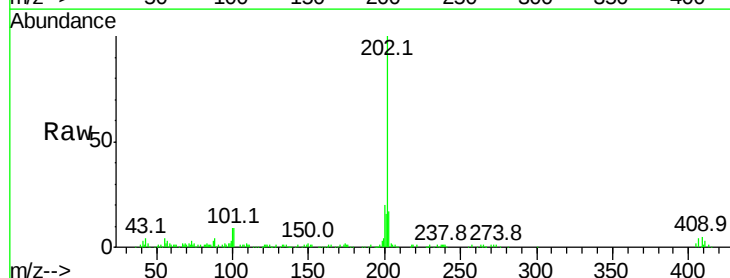
Tgt Ion:202 Resp: 114757

Ion Ratio Lower Upper

202 100

200 20.4 17.8 26.6

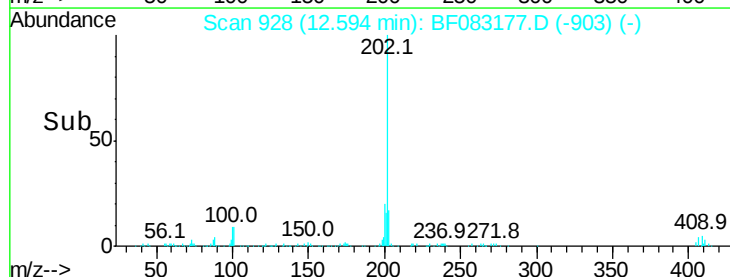
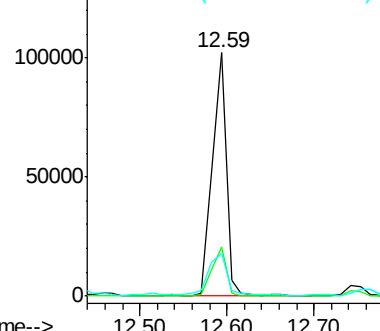
203 17.3 15.0 22.4

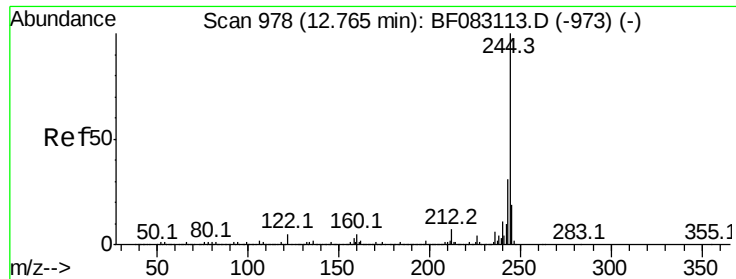


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 87.28 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083177.D

Acq: 23 Nov 2015 00:06

Instrument :

BNA_F

ClientSampleId :

A17-COMP

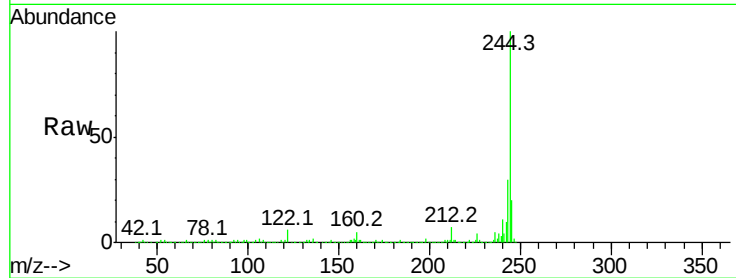
Tot Ion:244 Resp: 1822131

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

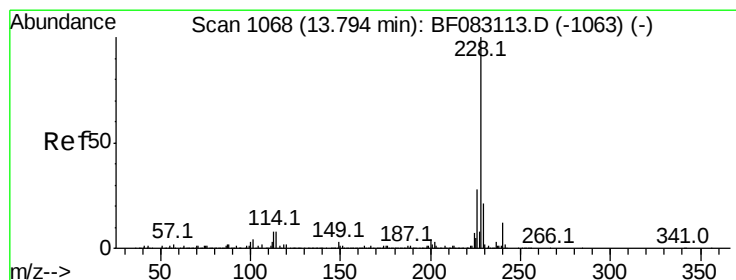
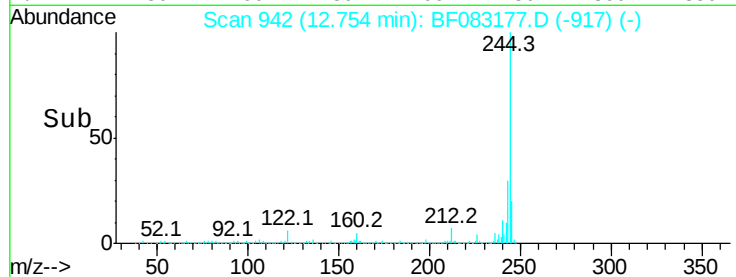
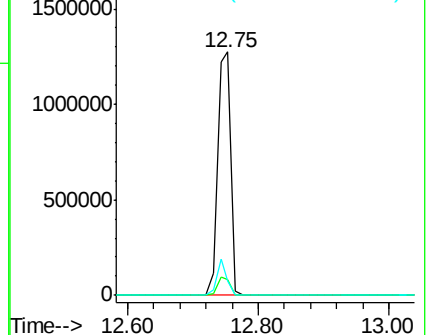
122 6.2 4.3 6.5



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: 2.40 ng

RT: 13.77 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF083177.D

Acq: 23 Nov 2015 00:06

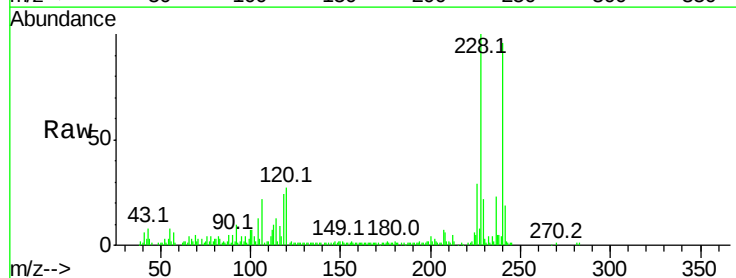
Tgt Ion:228 Resp: 73111

Ion Ratio Lower Upper

228 100

226 28.9 22.6 33.8

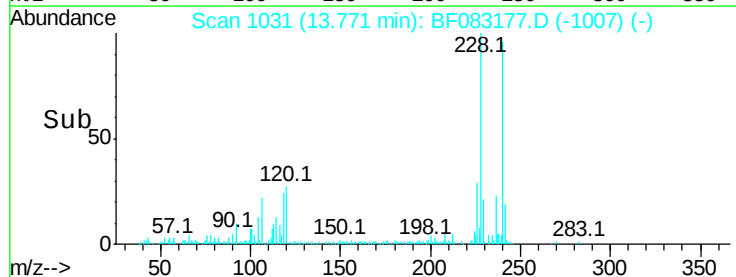
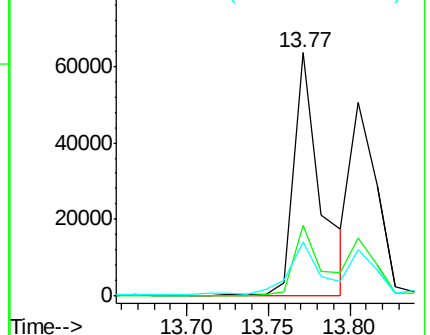
229 22.1 16.6 24.8

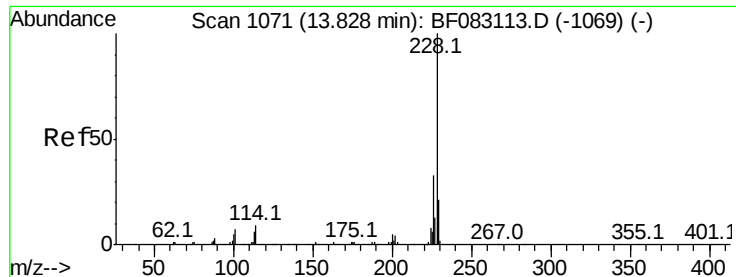


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 2.02 ng

RT: 13.81 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF083177.D

Acq: 23 Nov 2015 00:06

Instrument :

BNA_F

ClientSampleId :

A17-COMP

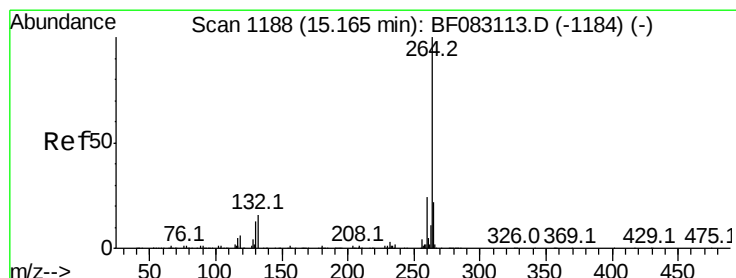
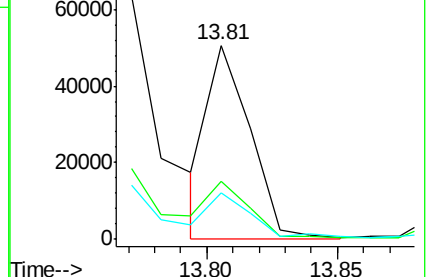
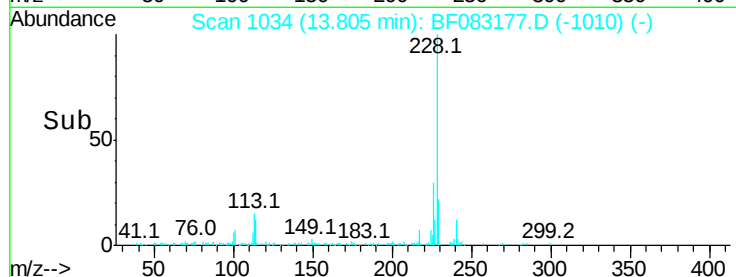
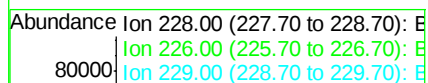
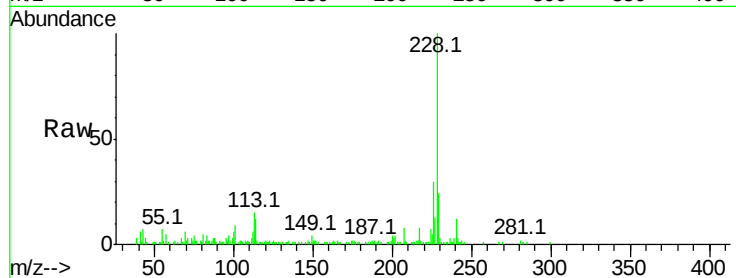
Tot Ion:228 Resp: 56834

Ion Ratio Lower Upper

228 100

226 30.1 25.5 38.3

229 23.7 16.6 25.0



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.15 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF083177.D

Acq: 23 Nov 2015 00:06

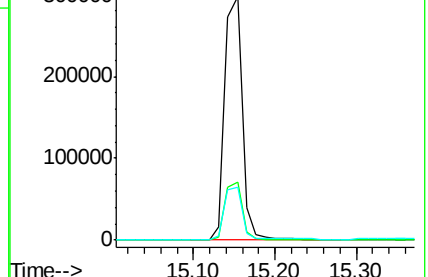
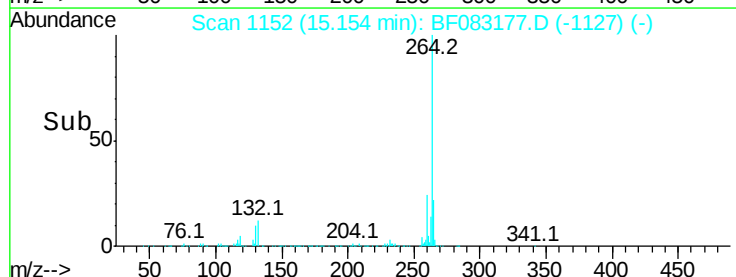
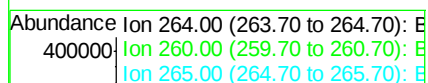
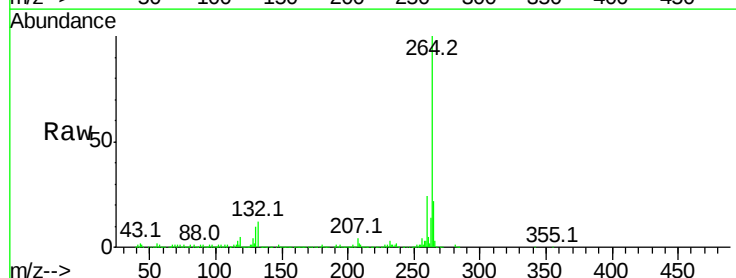
Tgt Ion:264 Resp: 443029

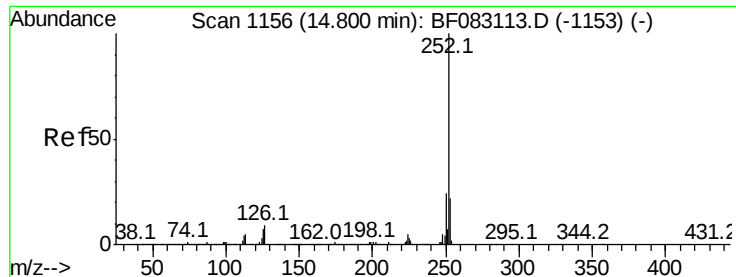
Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 21.9 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 2.64 ng

RT: 14.78 min Scan# 1119

Delta R.T. -0.02 min

Lab File: BF083177.D

Acq: 23 Nov 2015 00:06

Instrument :

BNA_F

ClientSampleId :

A17-COMP

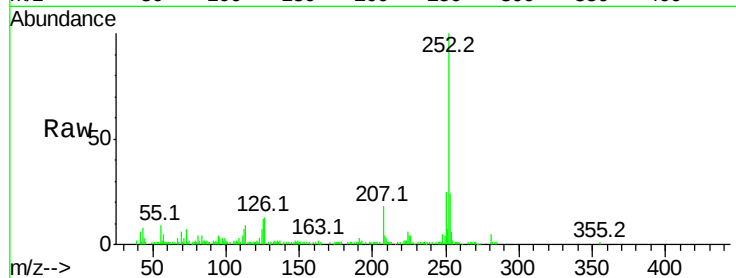
Tot Ion:252 Resp: 79890

Ion Ratio Lower Upper

252 100

253 23.7 17.7 26.5

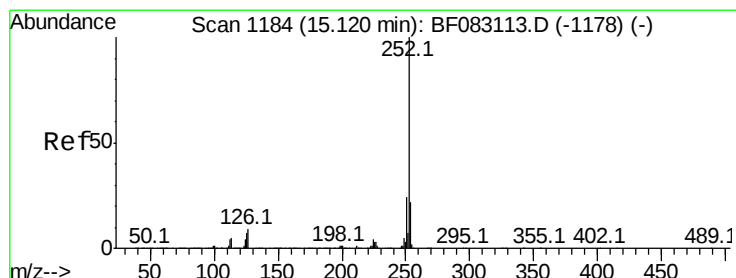
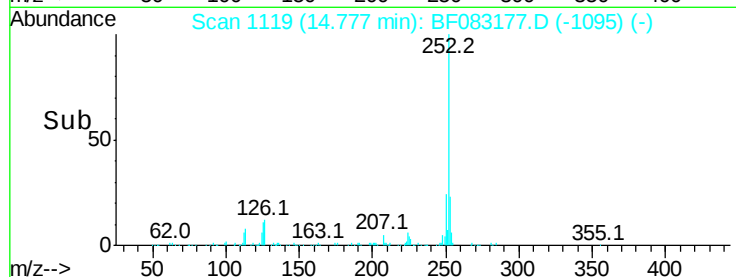
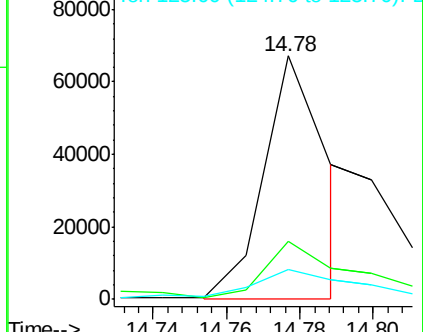
125 12.2 5.6 8.4#



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



#89

Benzo(a)pyrene

Concen: 2.11 ng

RT: 15.10 min Scan# 1147

Delta R.T. -0.02 min

Lab File: BF083177.D

Acq: 23 Nov 2015 00:06

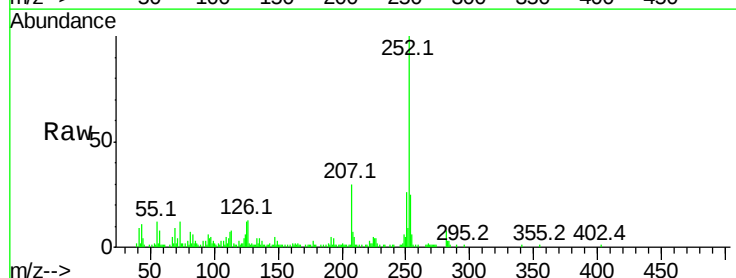
Tgt Ion:252 Resp: 52641

Ion Ratio Lower Upper

252 100

253 24.9 17.5 26.3

125 11.7 5.4 8.0#



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

