

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083189.D
 Acq On : 23 Nov 2015 5:59
 Operator : UM/IZ
 Sample : G4437-02
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-32

Quant Time: Nov 23 06:44:34 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	187280	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	674579	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	303416	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	478443	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	432527	20.00	ng	-0.02
86) Perylene-d12	15.15	264	327199	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	313283	25.29	ng	-0.03
7) Phenol-d6	6.31	99	290490	18.12	ng	-0.03
23) Nitrobenzene-d5	7.22	82	656537	44.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	219157	70.60	ng	-0.02
44) 2-Fluorobiphenyl	9.02	172	1175113	54.01	ng	-0.01
78) Terphenyl-d14	12.74	244	932736	50.78	ng	-0.02

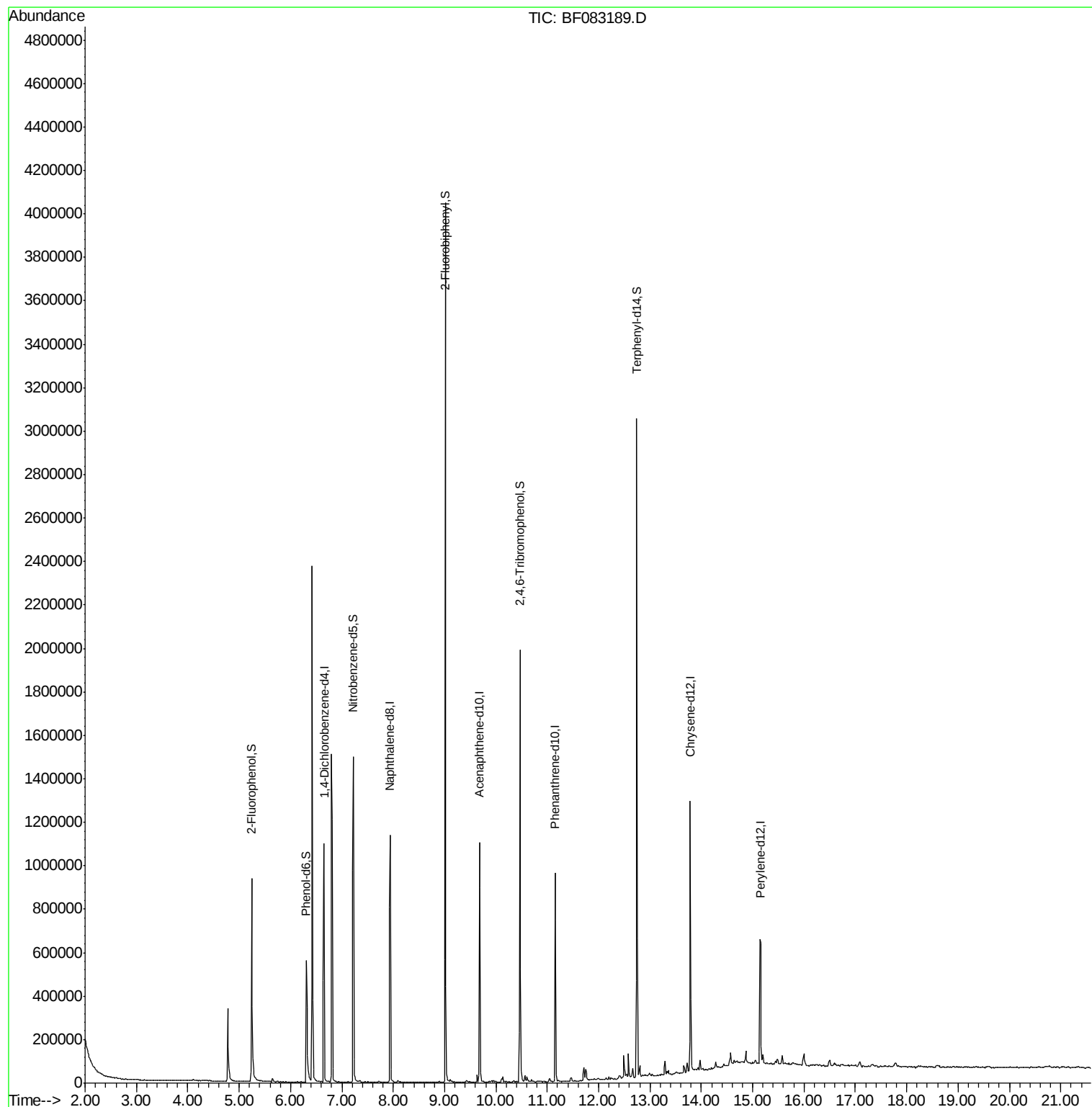
Target Compounds Qvalue

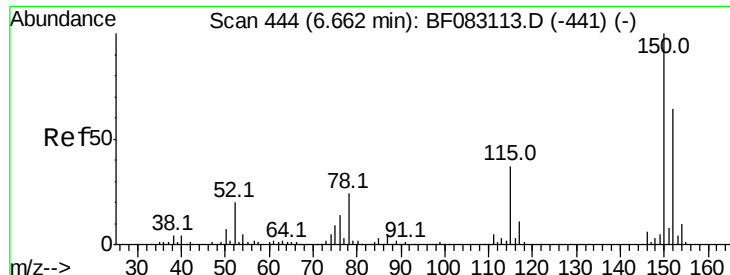
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 23 06:44:34 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
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF083189.D

Acq: 23 Nov 2015 5:59

Instrument :

BNA_F

ClientSampleId :

MW-32

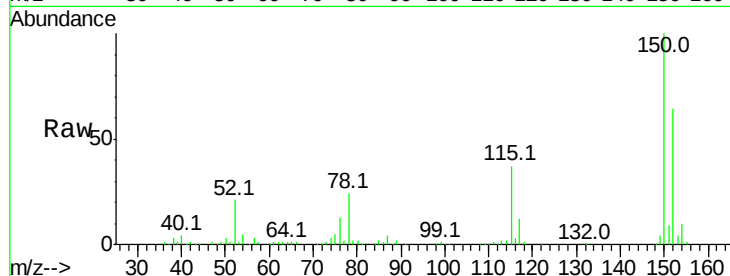
Tot Ion:152 Resp: 187280

Ion Ratio Lower Upper

152 100

150 155.8 125.8 188.8

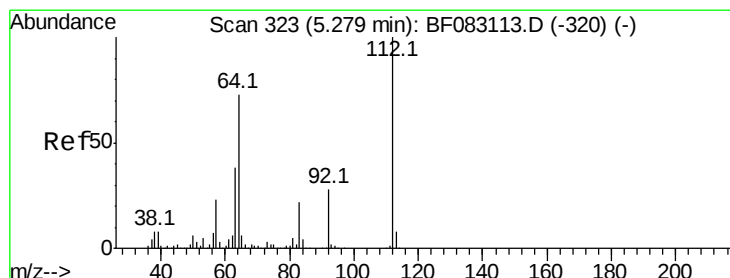
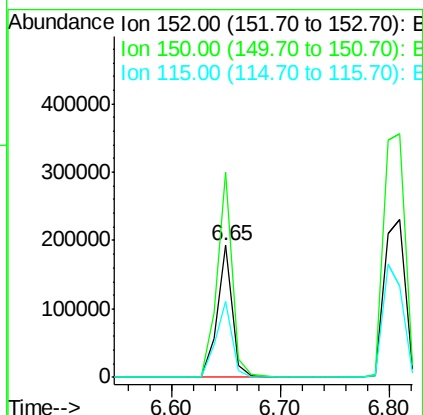
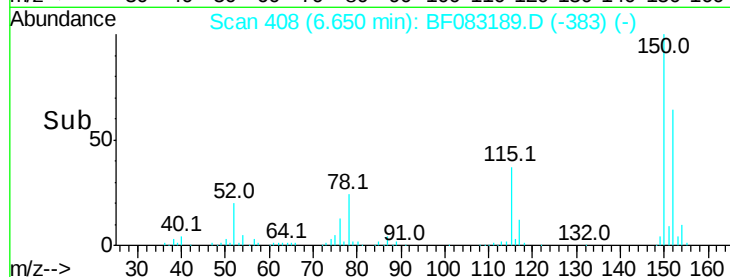
115 57.4 46.9 70.3



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: 25.29 ng

RT: 5.24 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF083189.D

Acq: 23 Nov 2015 5:59

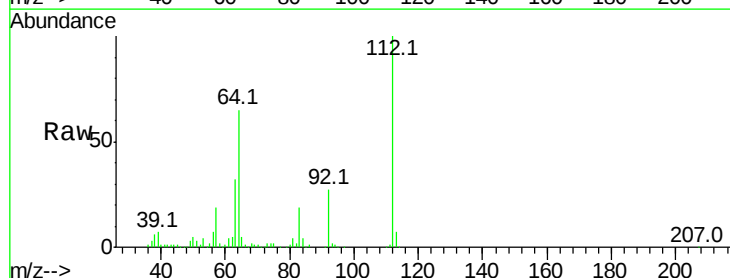
Tgt Ion:112 Resp: 313283

Ion Ratio Lower Upper

112 100

64 64.5 58.4 87.6

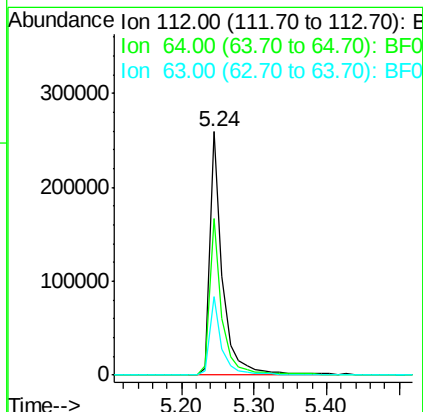
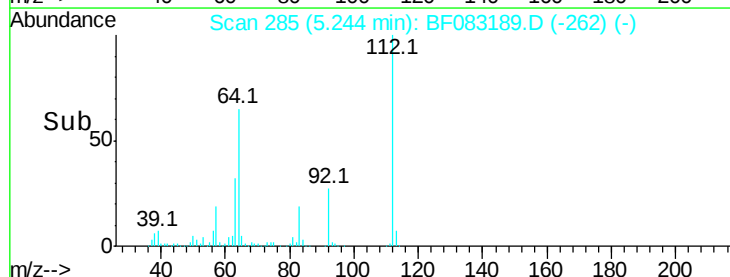
63 32.2 30.0 45.0

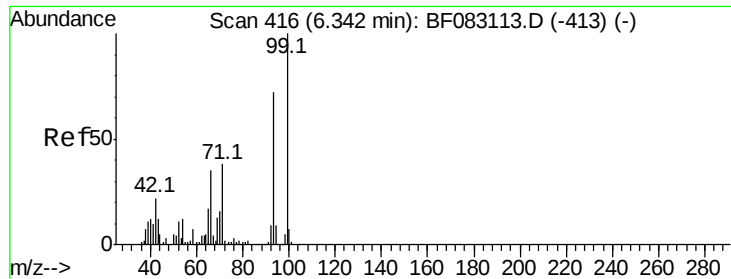


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 18.12 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083189.D

Acq: 23 Nov 2015 5:59

Instrument :

BNA_F

ClientSampleId :

MW-32

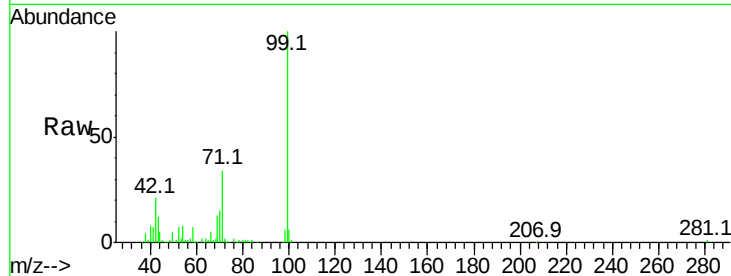
Tot Ion: 99 Resp: 290490

Ion Ratio Lower Upper

99 100

42 21.0 17.7 26.5

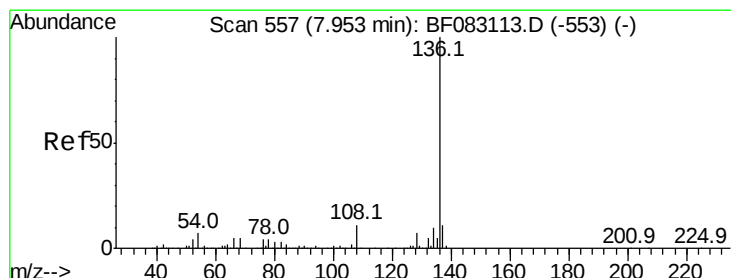
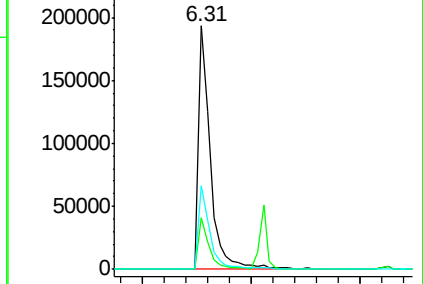
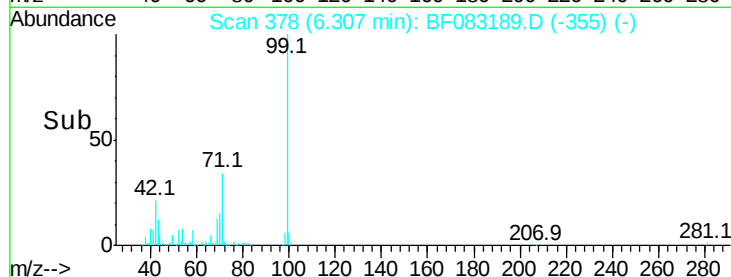
71 34.4 30.2 45.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF083189.D

Acq: 23 Nov 2015 5:59

Tgt Ion: 136 Resp: 674579

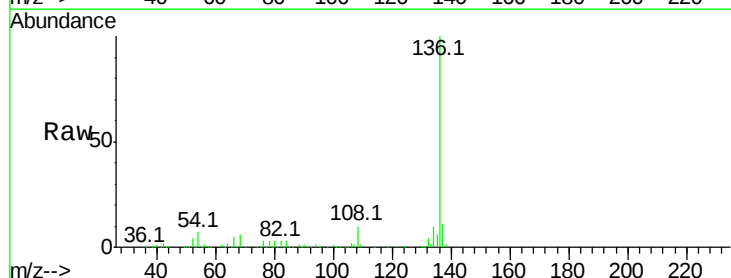
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.2 5.8 8.6

68 5.7 3.8 5.8

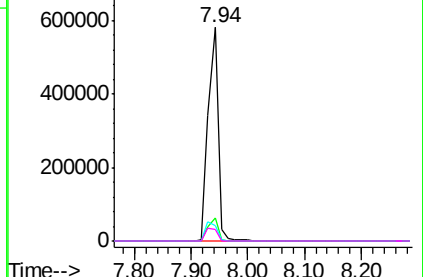
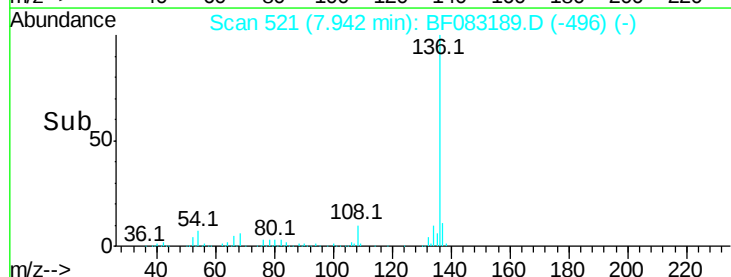


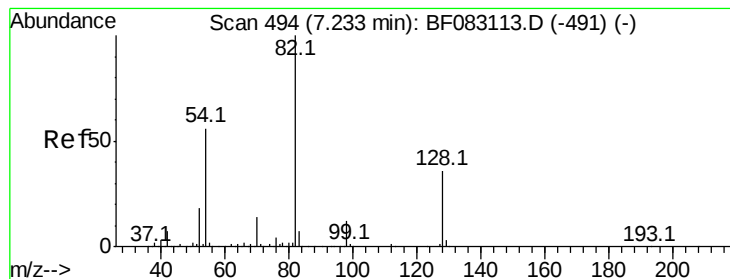
Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.47 ng

RT: 7.22 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF083189.D

Acq: 23 Nov 2015 5:59

Instrument :

BNA_F

ClientSampleId :

MW-32

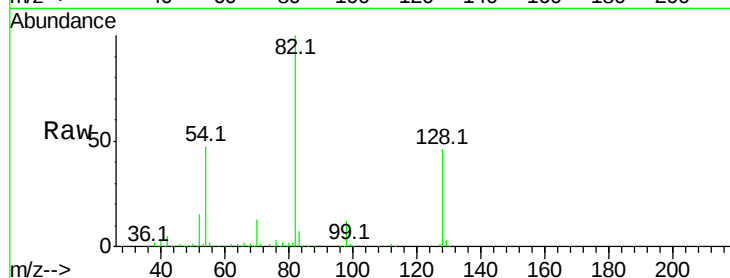
Tot Ion: 82 Resp: 656537

Ion Ratio Lower Upper

82 100

128 45.6 28.5 42.7#

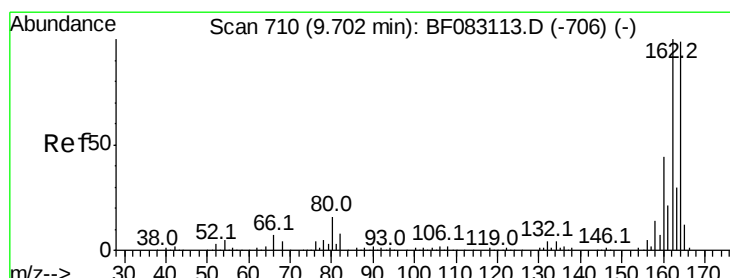
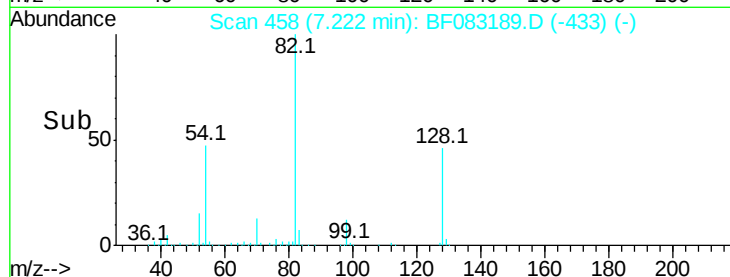
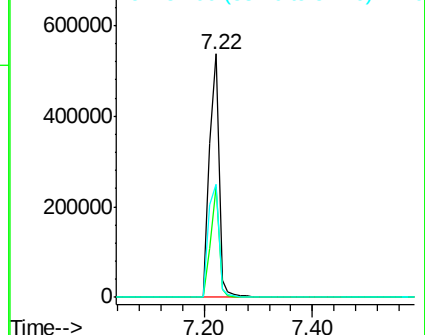
54 46.7 44.6 67.0



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF083189.D

Acq: 23 Nov 2015 5:59

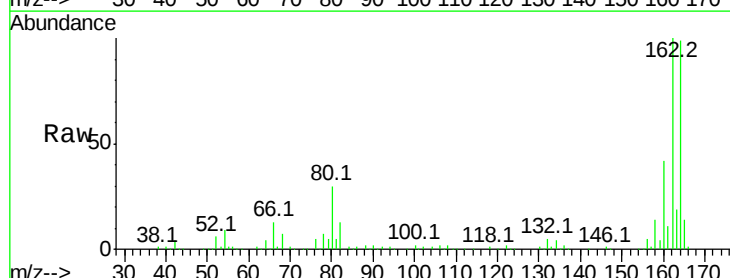
Tgt Ion: 164 Resp: 303416

Ion Ratio Lower Upper

164 100

162 101.4 81.2 121.8

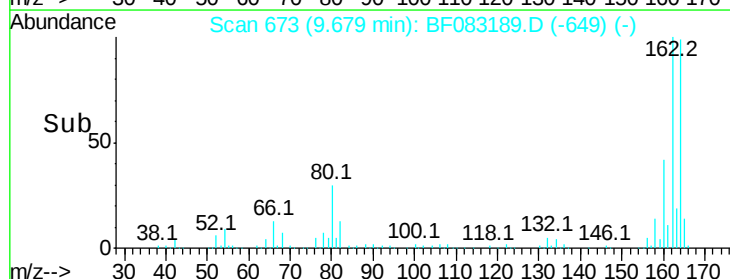
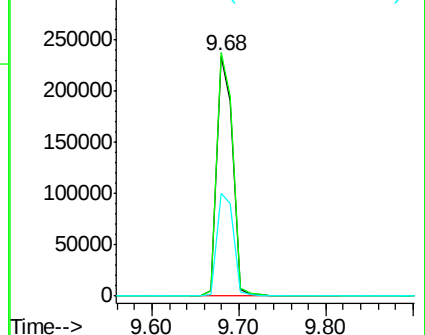
160 43.0 35.6 53.4

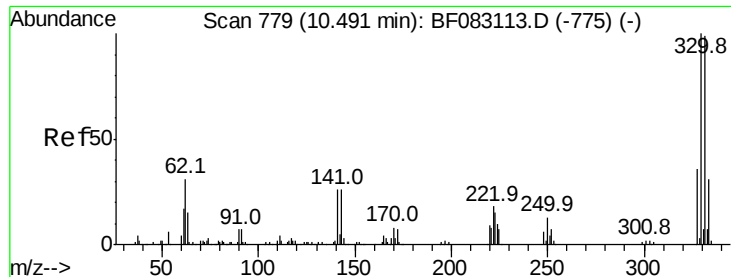


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

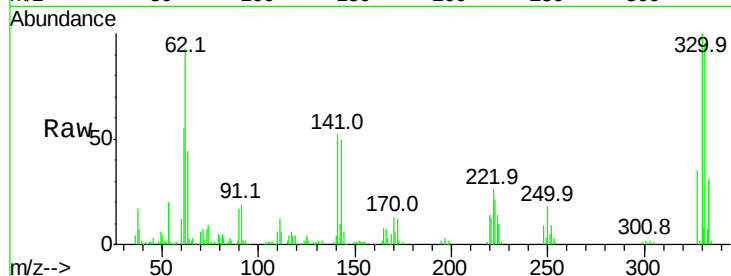




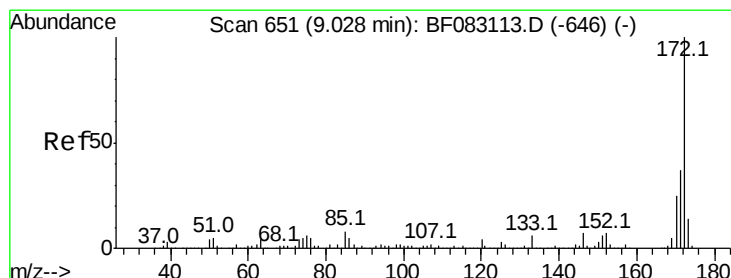
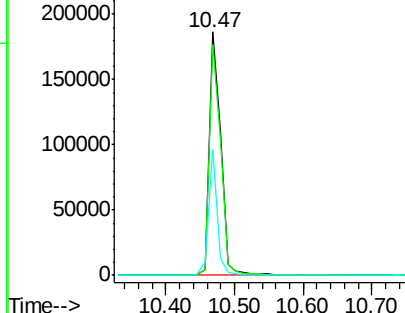
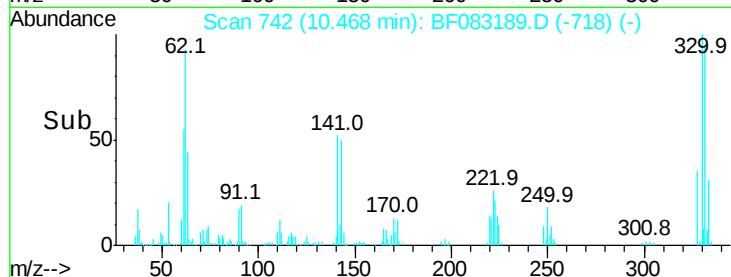
#41
 2,4,6-Tribromophenol
 Concen: 70.60 ng
 RT: 10.47 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF083189.D
 Acq: 23 Nov 2015 5:59

Instrument :
 BNA_F
 ClientSampled :
 MW-32

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.7	116.5
141	38.9	29.7	44.5

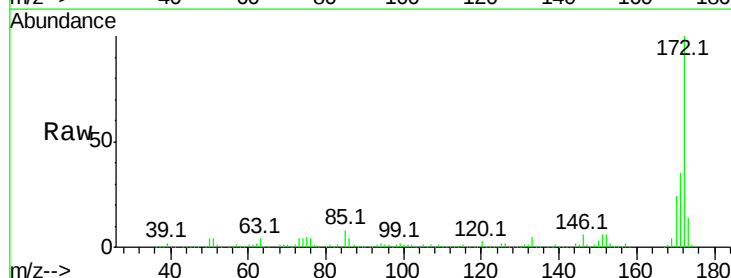


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

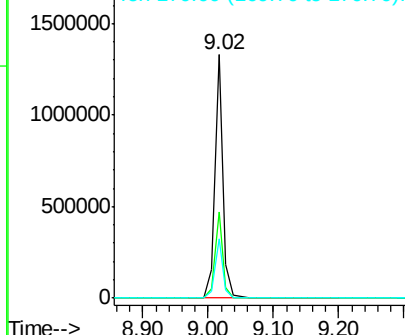
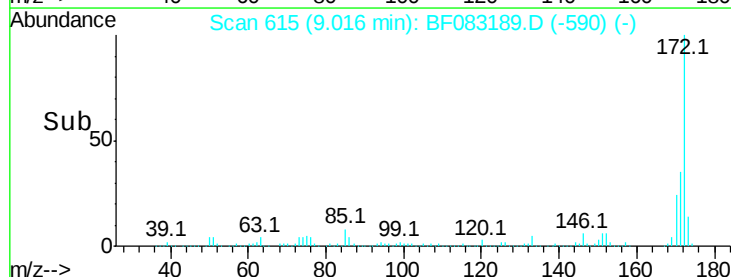


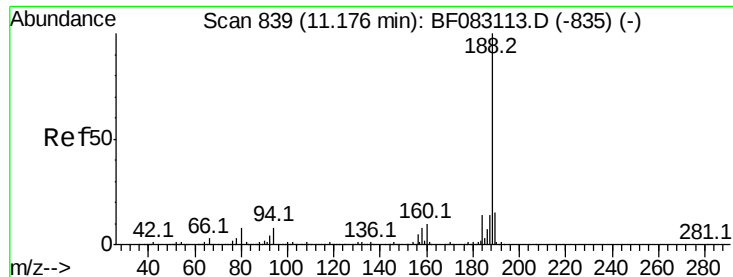
#44
 2-Fluorobiphenyl
 Concen: 54.01 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083189.D
 Acq: 23 Nov 2015 5:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.5	44.3
170	24.5	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

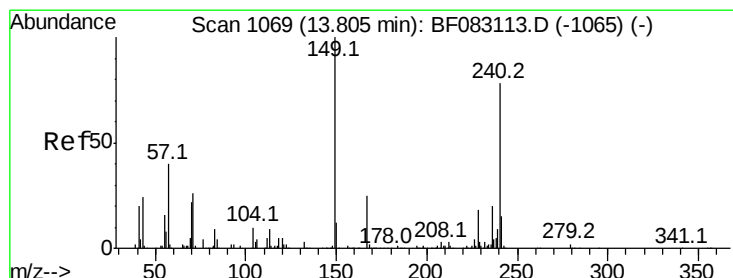
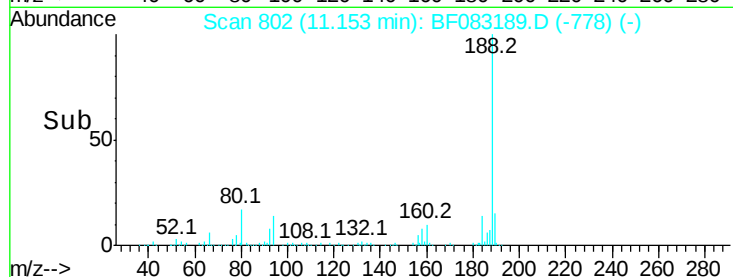
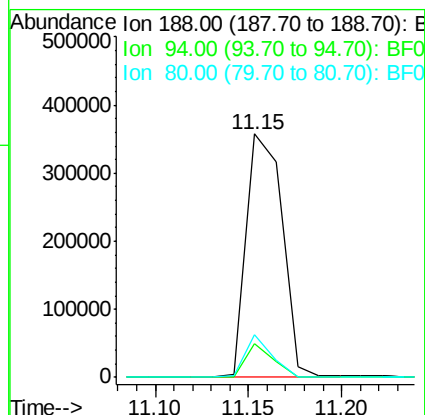
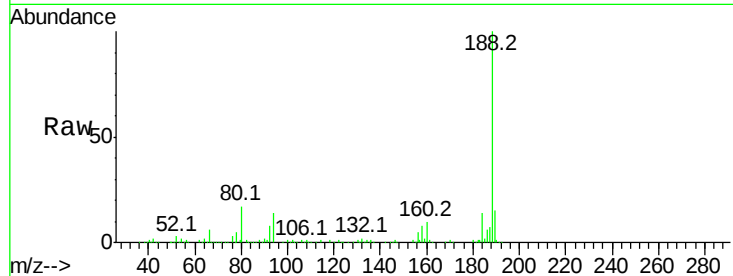




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF083189.D
Acq: 23 Nov 2015 5:59

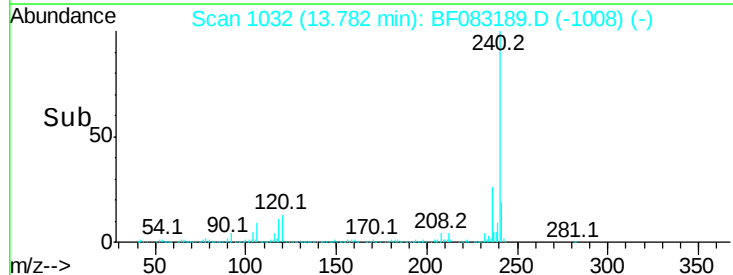
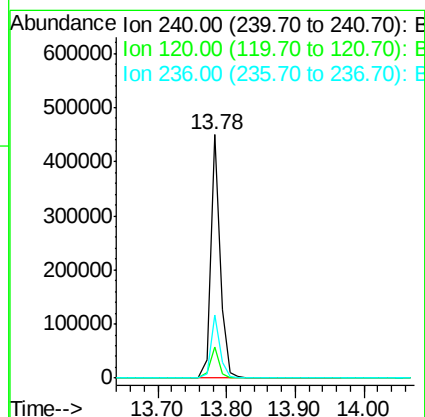
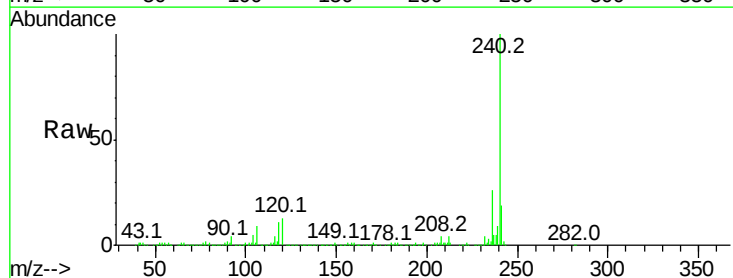
Instrument :
BNA_F
ClientSampleId :
MW-32

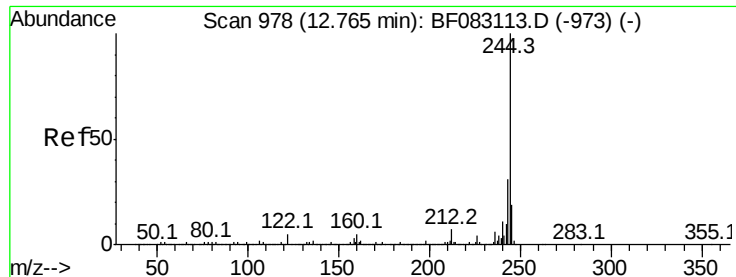
Tot Ion:188 Resp: 478443
Ion Ratio Lower Upper
188 100
94 13.9 6.0 9.0#
80 17.3 6.7 10.1#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF083189.D
Acq: 23 Nov 2015 5:59

Tgt Ion:240 Resp: 432527
Ion Ratio Lower Upper
240 100
120 12.6 5.4 8.2#
236 26.1 20.6 31.0





#78

Terphenyl-d14

Concen: 50.78 ng

RT: 12.74 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF083189.D

Acq: 23 Nov 2015 5:59

Instrument :

BNA_F

ClientSampleId :

MW-32

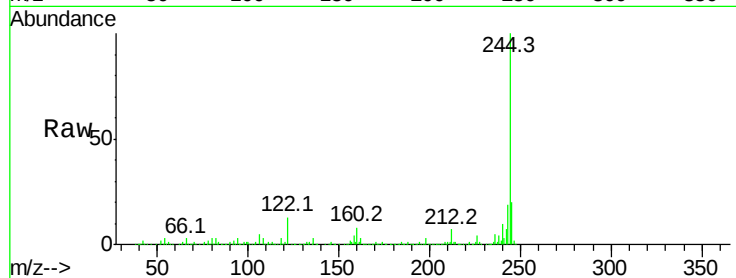
Tot Ion:244 Resp: 932736

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.2

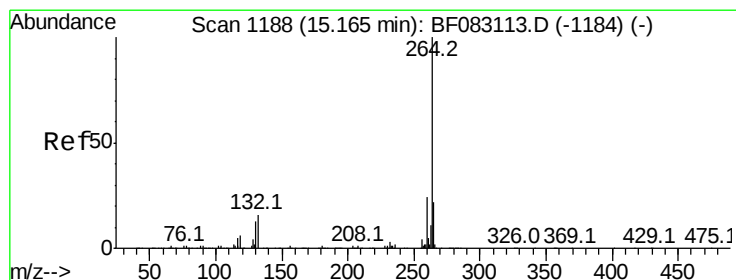
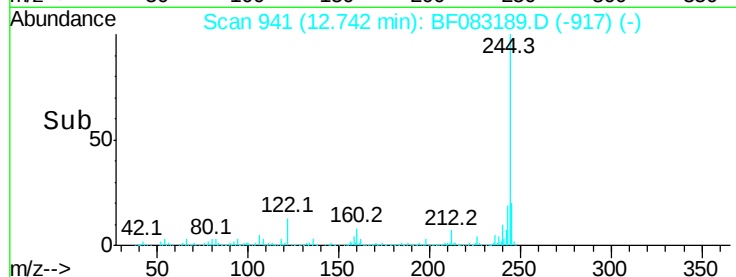
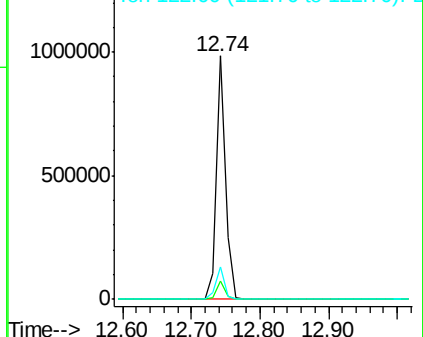
122 13.4 4.3 6.5#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.15 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF083189.D

Acq: 23 Nov 2015 5:59

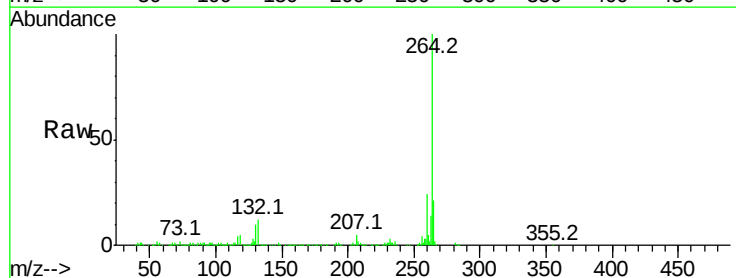
Tgt Ion:264 Resp: 327199

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 20.9 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

