

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083194.D
 Acq On : 23 Nov 2015 8:26
 Operator : UM/IZ
 Sample : G4437-07
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Quant Time: Nov 23 17:15:43 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	188915	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	683429	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	308453	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	513221	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	448360	20.00	ng	-0.02
86) Perylene-d12	15.15	264	343247	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	806253	64.52	ng	-0.02
7) Phenol-d6	6.31	99	638494	39.49	ng	-0.03
23) Nitrobenzene-d5	7.22	82	1422890	95.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	432327	137.00	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2074204	93.77	ng	-0.01
78) Terphenyl-d14	12.75	244	1804200	94.76	ng	-0.01

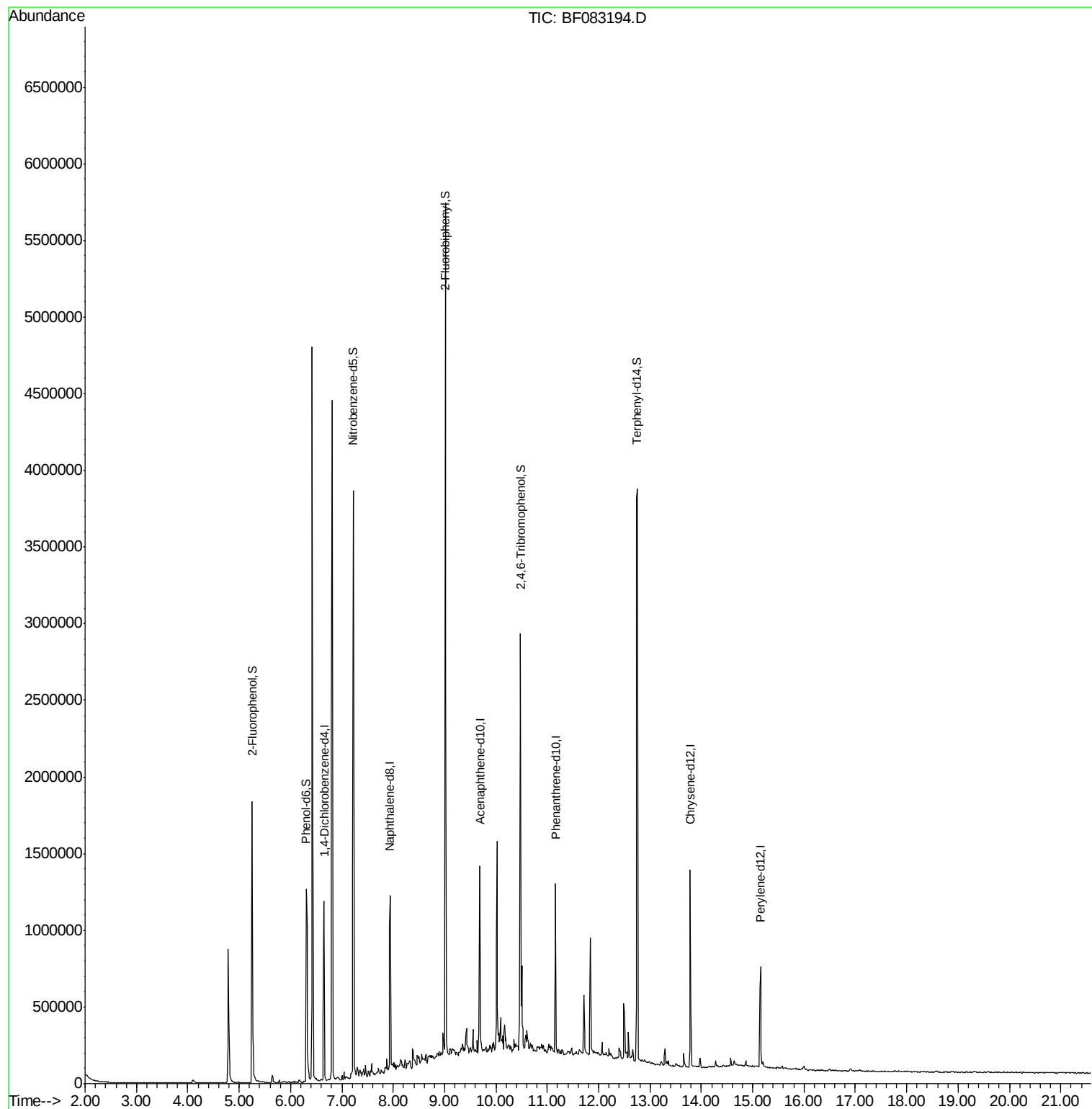
Target Compounds Qvalue

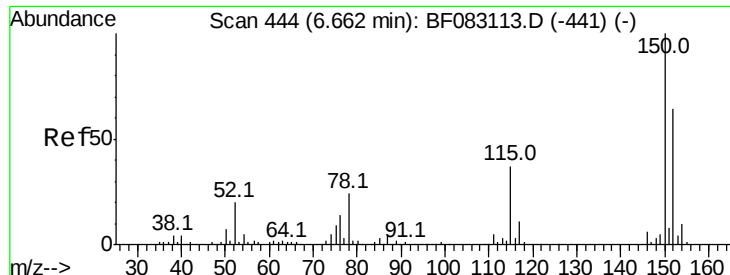
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
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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: BF083194.D

Acq: 23 Nov 2015 8:26

Instrument :

BNA_F

ClientSampleId :

MW-07

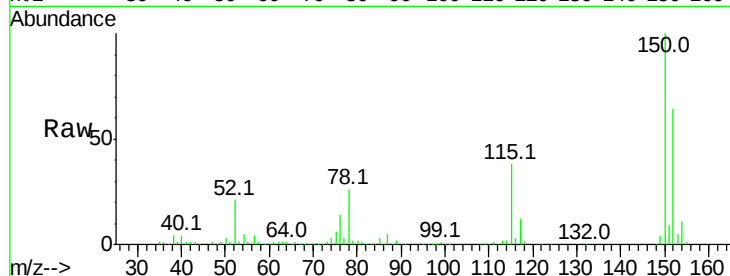
Tot Ion:152 Resp: 188915

Ion Ratio Lower Upper

152 100

150 155.7 125.8 188.8

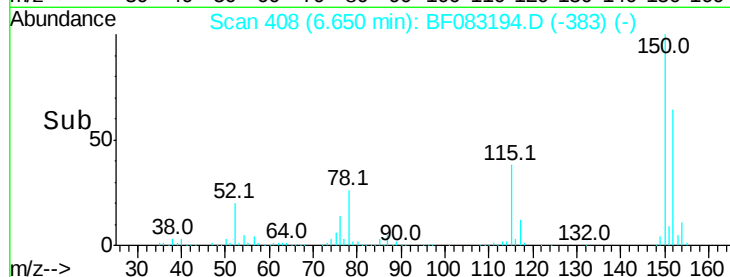
115 59.3 46.9 70.3



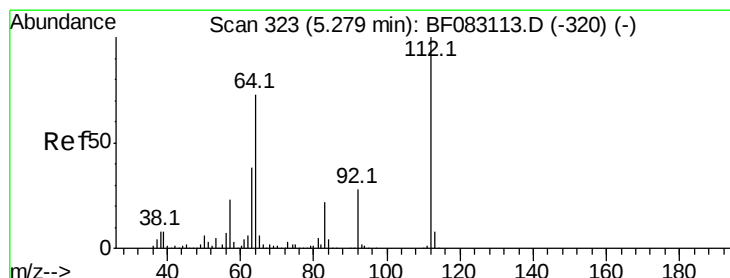
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 64.52 ng

RT: 5.26 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF083194.D

Acq: 23 Nov 2015 8:26

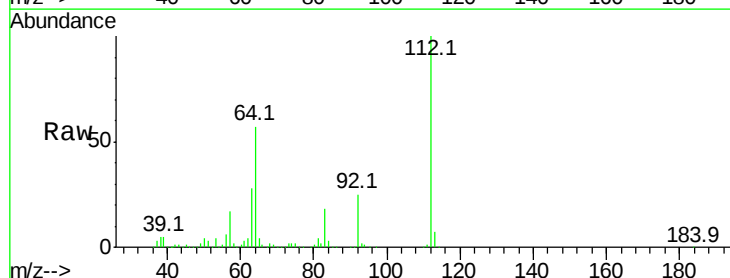
Tgt Ion:112 Resp: 806253

Ion Ratio Lower Upper

112 100

64 56.8 58.4 87.6#

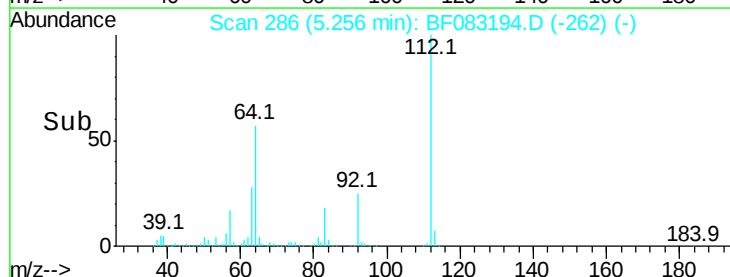
63 28.5 30.0 45.0#



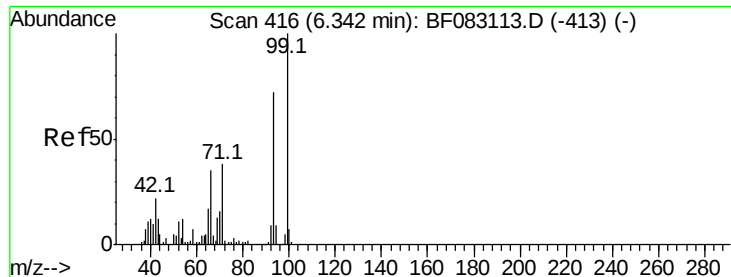
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#7

Phenol-d6

Concen: 39.49 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083194.D

Acq: 23 Nov 2015 8:26

Instrument :

BNA_F

ClientSampled :

MW-07

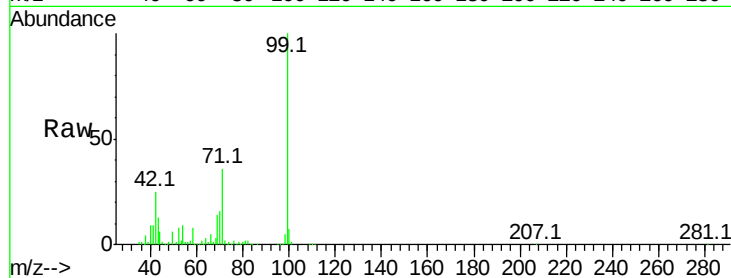
Tot Ion: 99 Resp: 638494

Ion Ratio Lower Upper

99 100

42 25.1 17.7 26.5

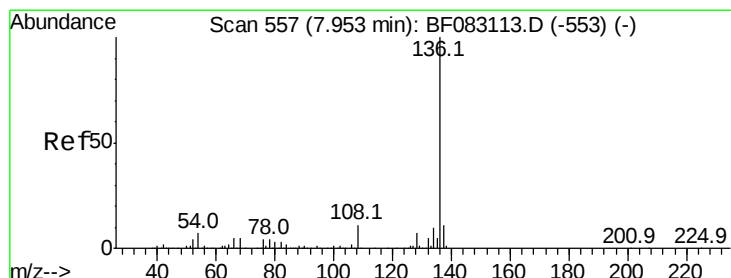
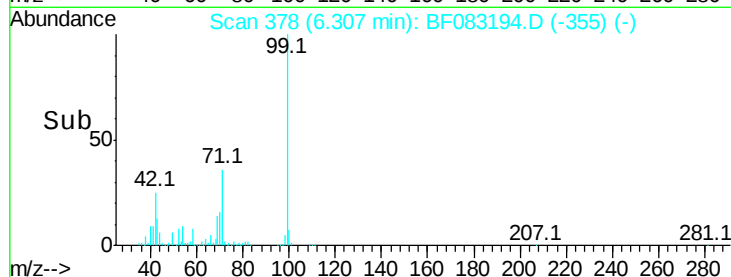
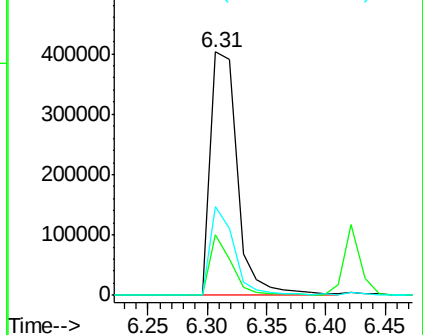
71 36.4 30.2 45.4



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: BF083194.D

Acq: 23 Nov 2015 8:26

Tgt Ion: 136 Resp: 683429

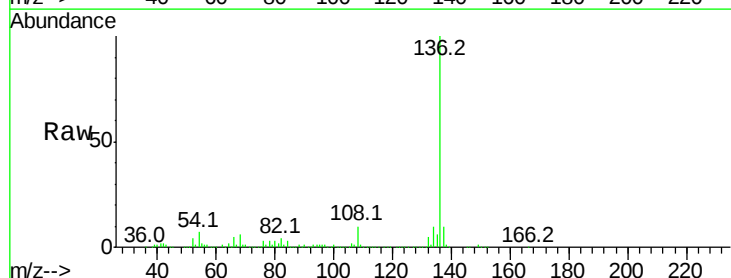
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 7.2 5.8 8.6

68 6.2 3.8 5.8#

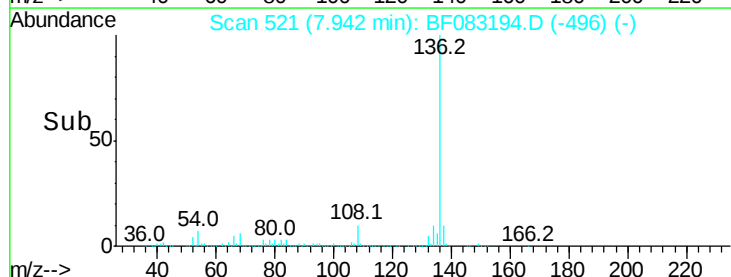
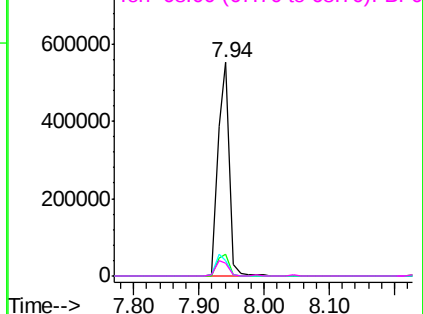


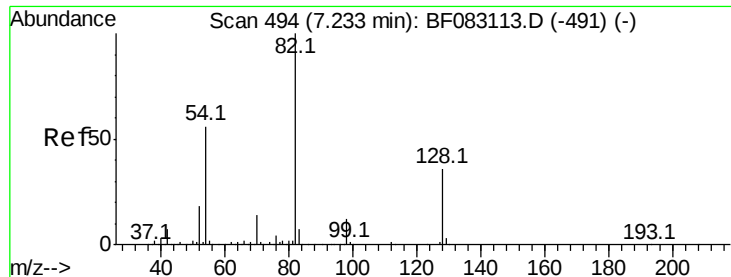
Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.13 ng

RT: 7.22 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF083194.D

Acq: 23 Nov 2015 8:26

Instrument :

BNA_F

ClientSampleId :

MW-07

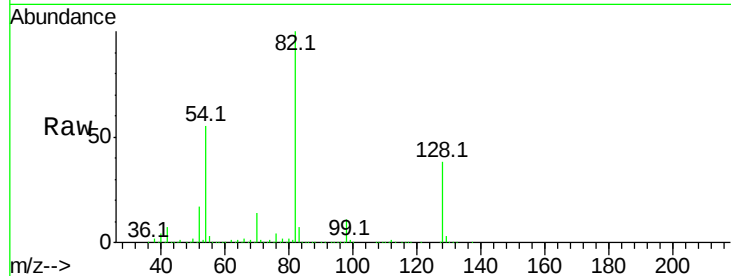
Tot Ion: 82 Resp: 1422890

Ion Ratio Lower Upper

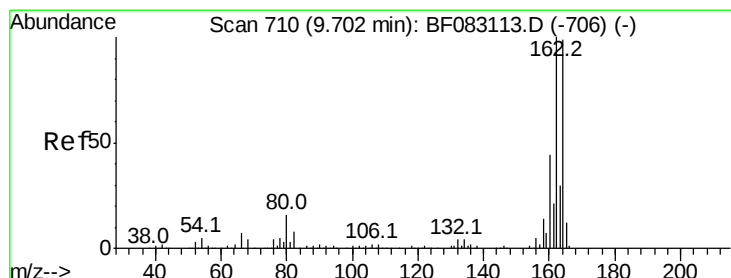
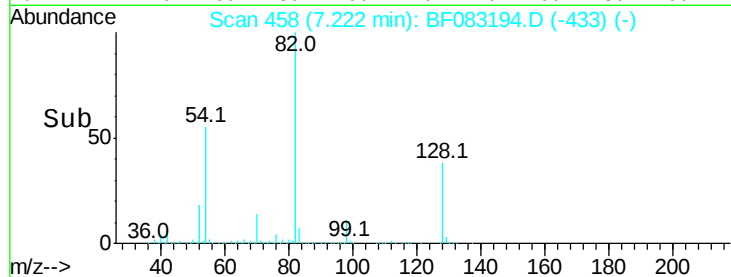
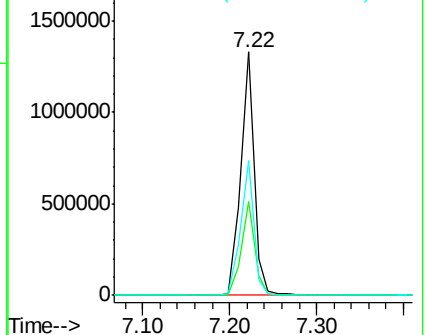
82 100

128 38.3 28.5 42.7

54 55.3 44.6 67.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.69 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF083194.D

Acq: 23 Nov 2015 8:26

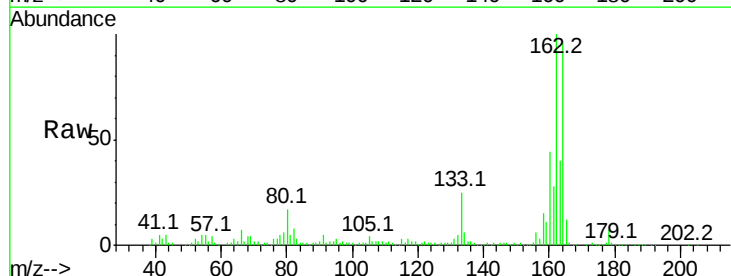
Tgt Ion:164 Resp: 308453

Ion Ratio Lower Upper

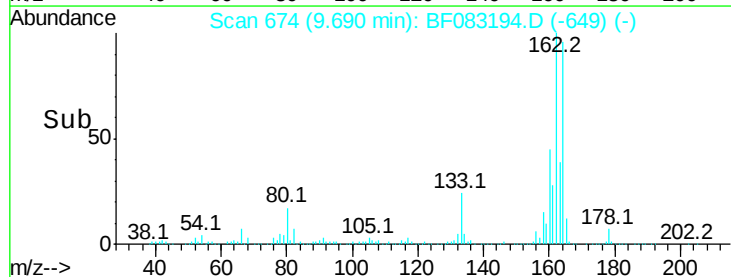
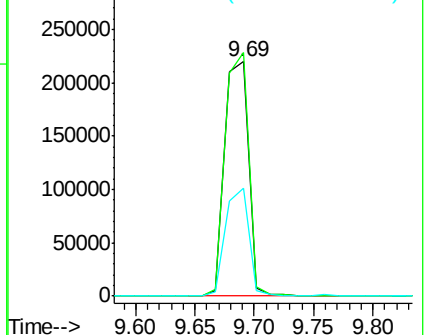
164 100

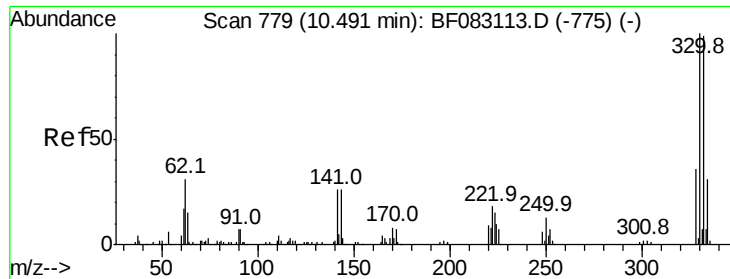
162 104.0 81.2 121.8

160 46.2 35.6 53.4



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

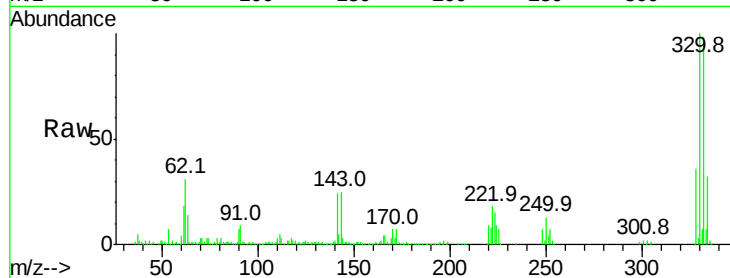




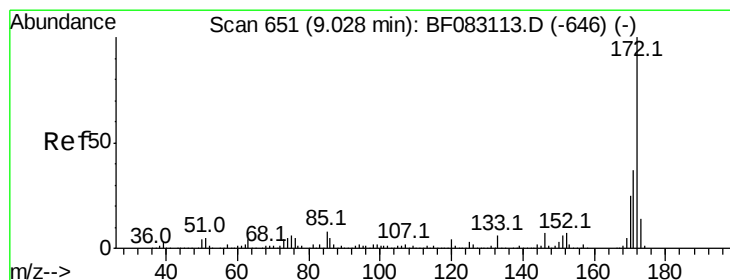
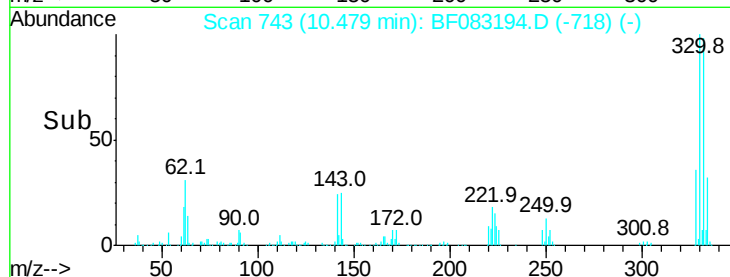
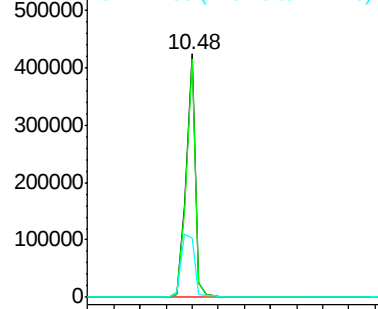
#41
 2,4,6-Tribromophenol
 Concen: 137.00 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083194.D
 Acq: 23 Nov 2015 8:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Tot Ion:330 Resp: 432327
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.7 116.5
 141 36.4 29.7 44.5

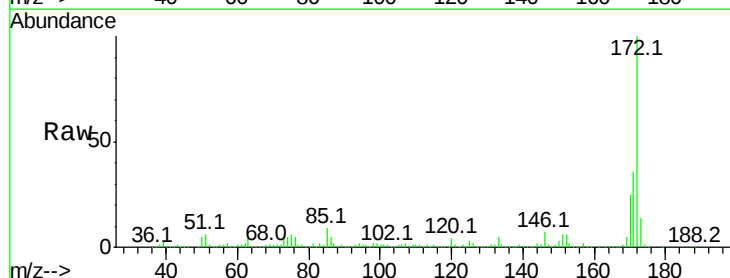


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

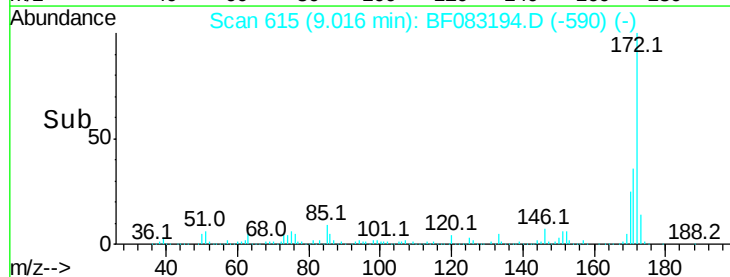
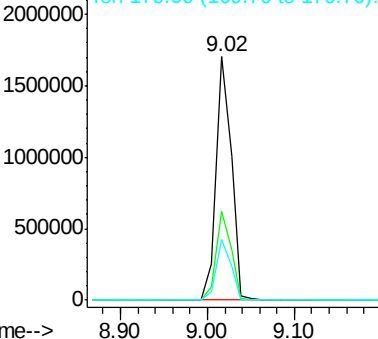


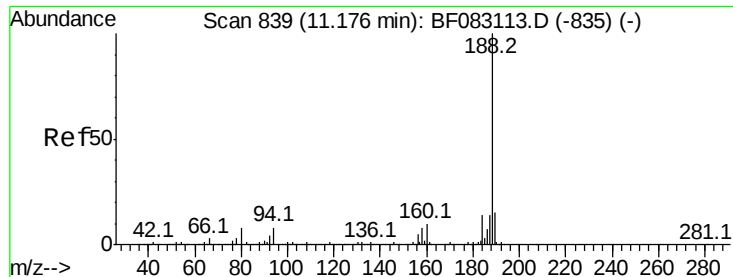
#44
 2-Fluorobiphenyl
 Concen: 93.77 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083194.D
 Acq: 23 Nov 2015 8:26

Tgt Ion:172 Resp: 2074204
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.5 44.3
 170 25.0 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

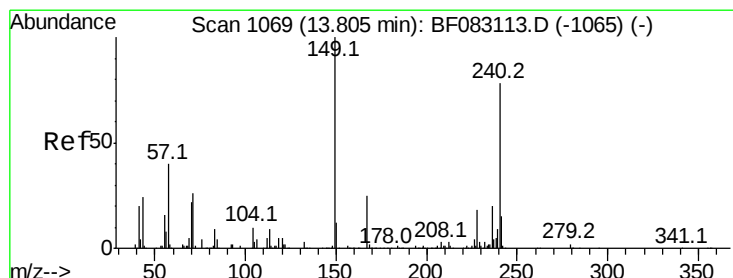
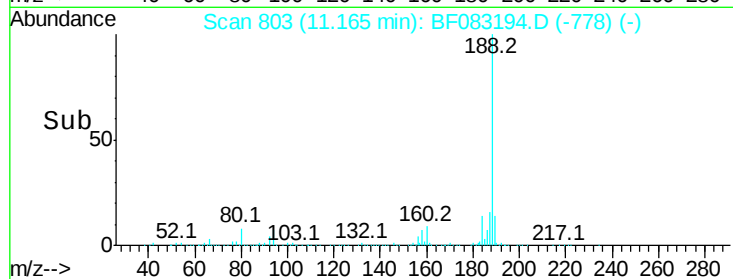
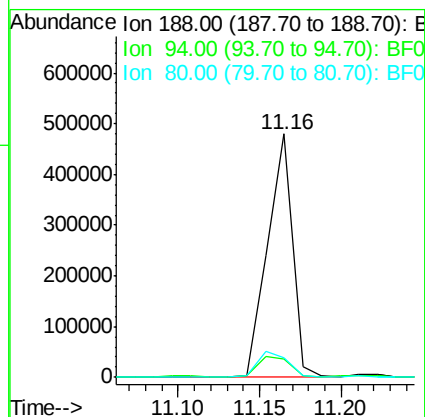
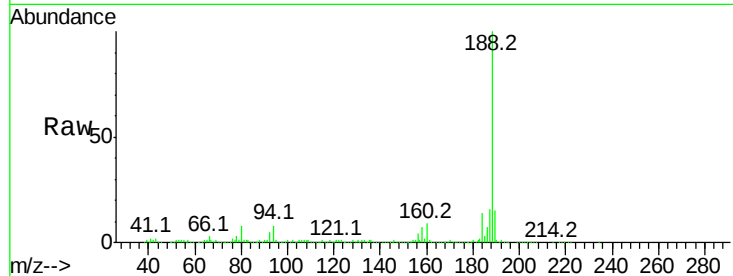




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083194.D
Acq: 23 Nov 2015 8:26

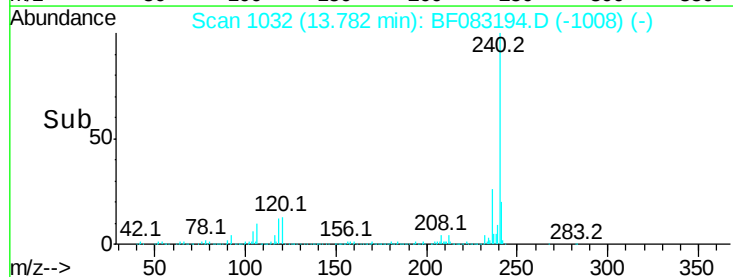
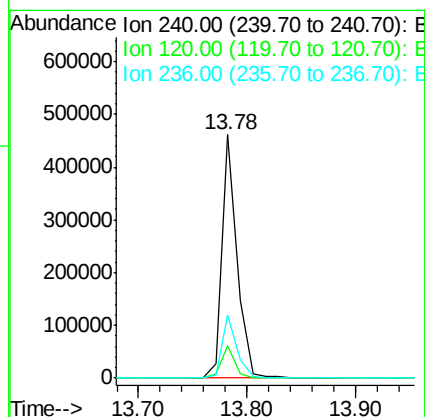
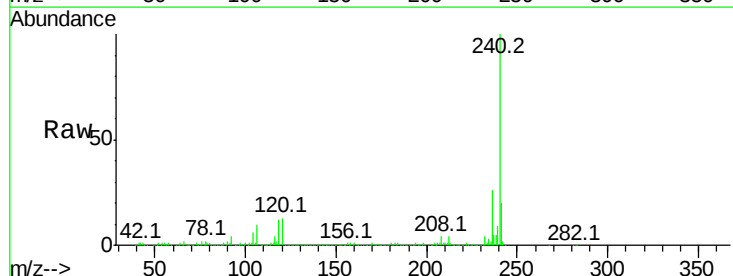
Instrument :
BNA_F
ClientSampleId :
MW-07

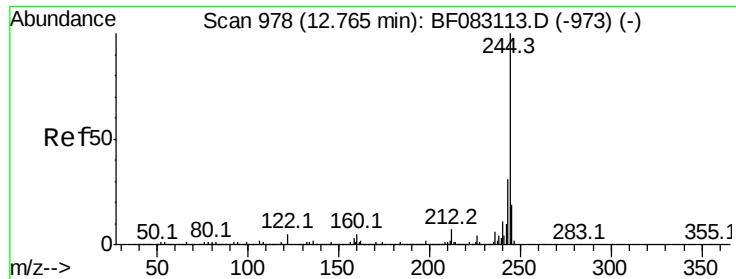
Tot Ion:188 Resp: 513221
Ion Ratio Lower Upper
188 100
94 7.7 6.0 9.0
80 8.2 6.7 10.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF083194.D
Acq: 23 Nov 2015 8:26

Tgt Ion:240 Resp: 448360
Ion Ratio Lower Upper
240 100
120 13.5 5.4 8.2#
236 25.9 20.6 31.0





#78

Terphenyl-d14

Concen: 94.76 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083194.D

Acq: 23 Nov 2015 8:26

Instrument :

BNA_F

ClientSampleId :

MW-07

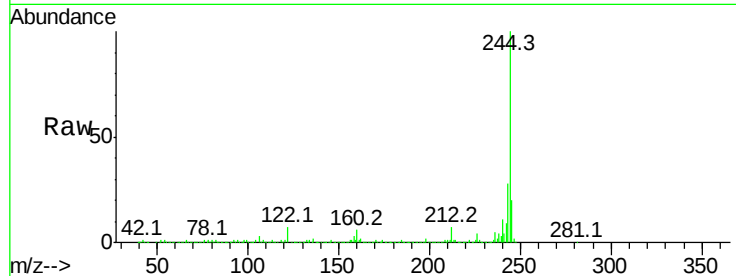
Tot Ion:244 Resp: 1804200

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

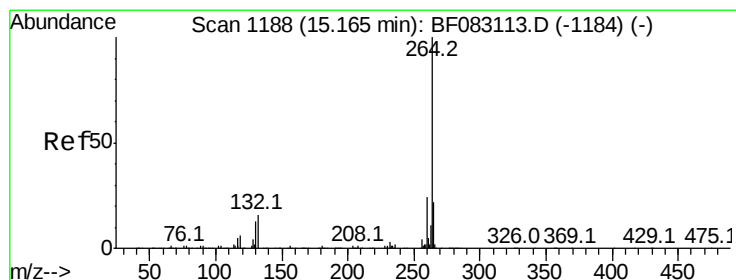
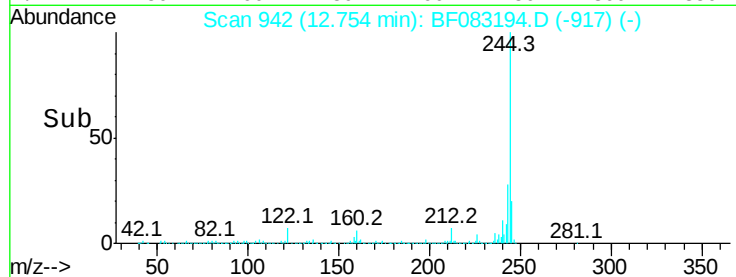
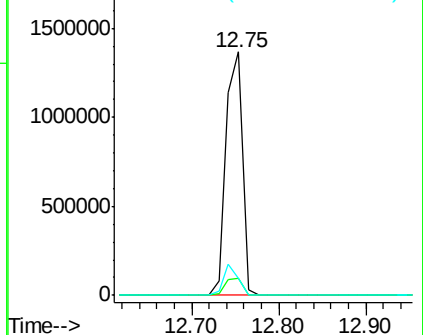
122 7.2 4.3 6.5#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.15 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF083194.D

Acq: 23 Nov 2015 8:26

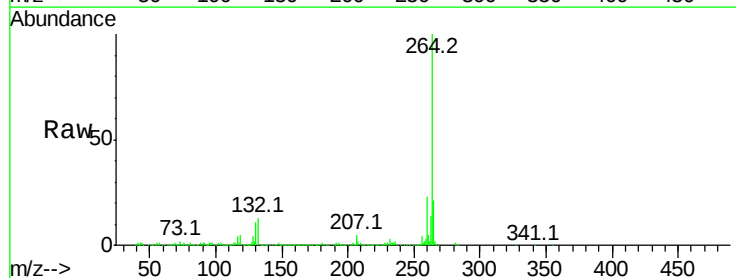
Tgt Ion:264 Resp: 343247

Ion Ratio Lower Upper

264 100

260 23.0 19.1 28.7

265 20.8 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

