

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083170.D
 Acq On : 22 Nov 2015 20:41
 Operator : UM/IZ
 Sample : G4455-06
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Quant Time: Nov 23 05:38:15 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	193048	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	724051	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	351858	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	644290	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	511632	20.00	ng	-0.02
86) Perylene-d12	15.15	264	431893	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	844353	66.13	ng	-0.02
7) Phenol-d6	6.31	99	708593	42.89	ng	-0.03
23) Nitrobenzene-d5	7.22	82	1453881	91.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	476231	132.30	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2138618	84.76	ng	-0.01
78) Terphenyl-d14	12.74	244	1450268	66.75	ng	-0.02

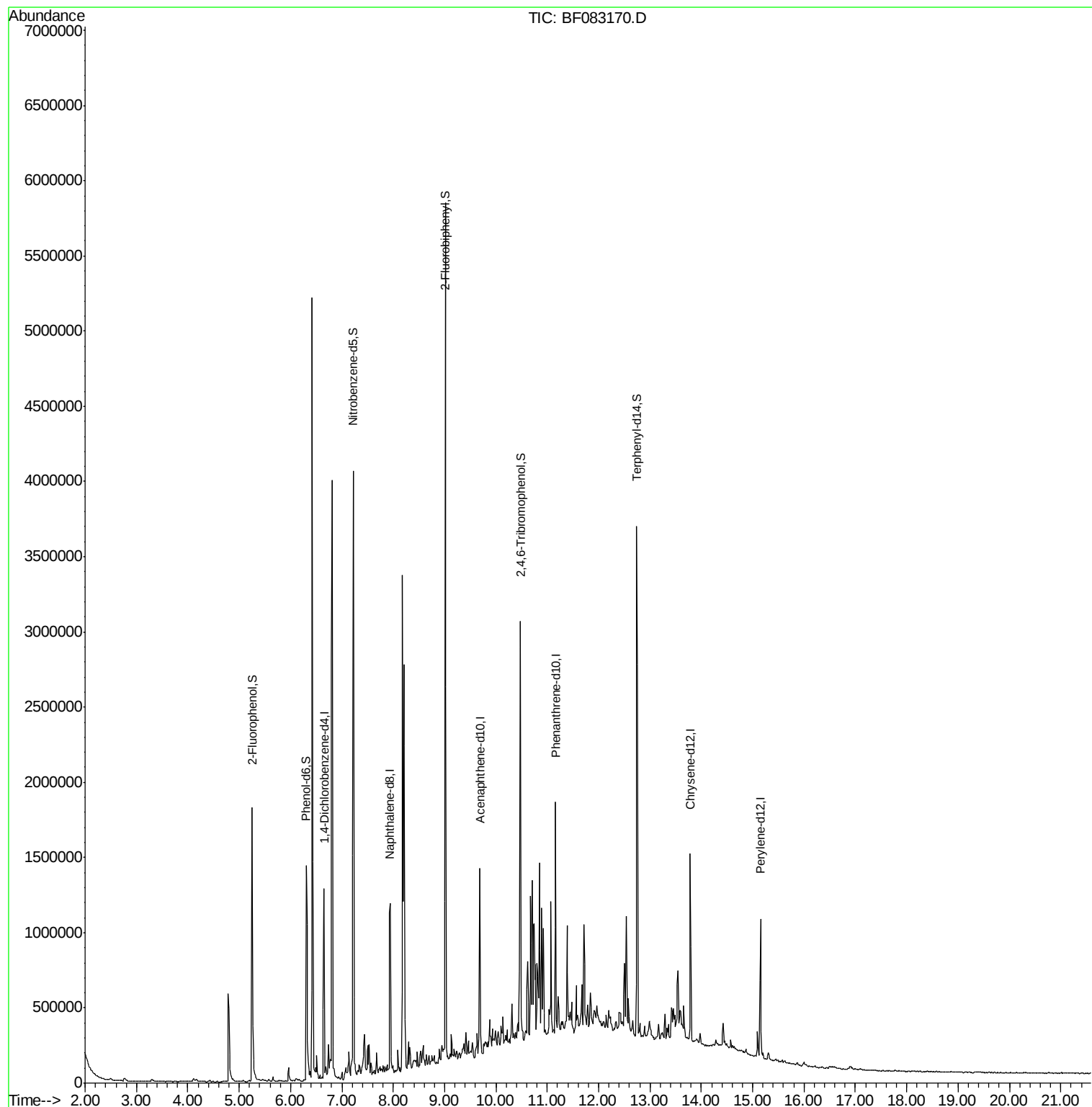
Target Compounds Qvalue

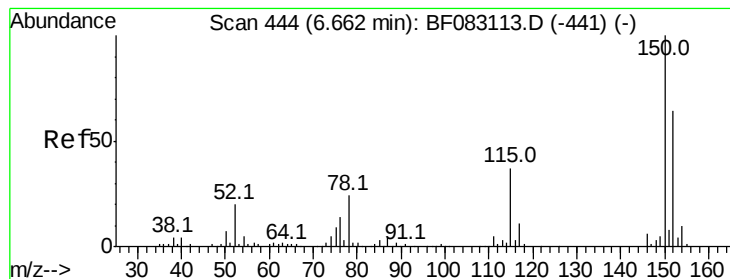
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083170.D

Acq: 22 Nov 2015 20:41

Instrument :

BNA_F

ClientSampleId :

MW-14

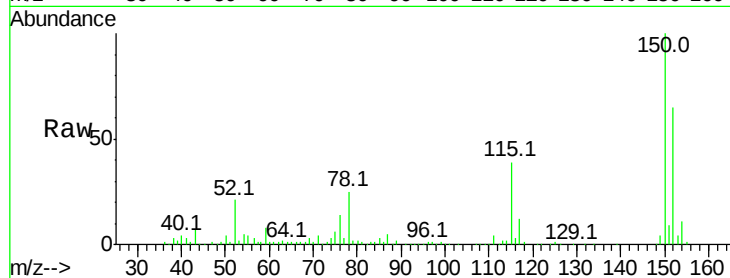
Tot Ion:152 Resp: 193048

Ion Ratio Lower Upper

152 100

150 152.8 125.8 188.8

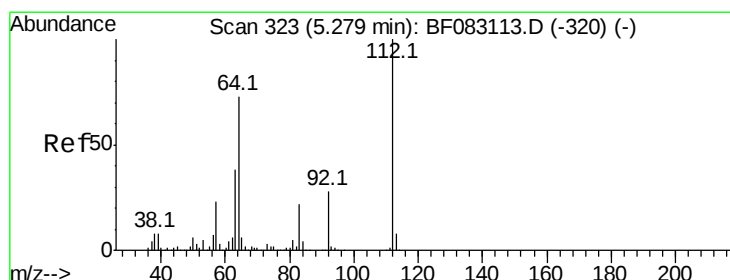
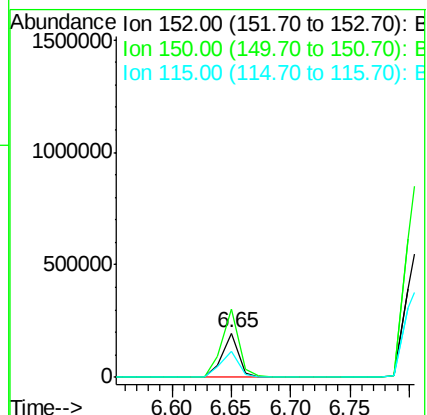
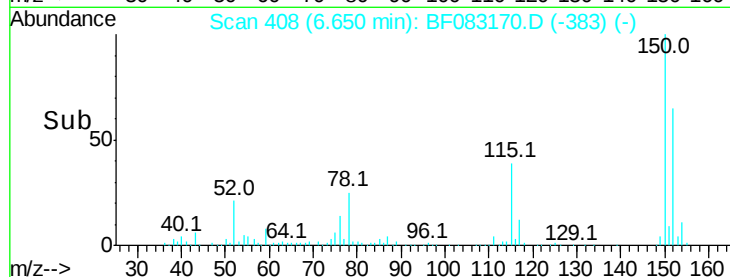
115 59.5 46.9 70.3



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: 66.13 ng

RT: 5.26 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF083170.D

Acq: 22 Nov 2015 20:41

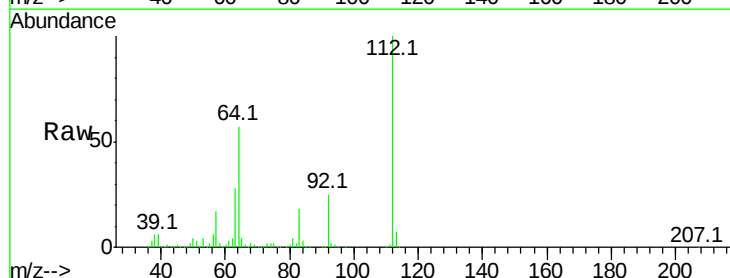
Tgt Ion:112 Resp: 844353

Ion Ratio Lower Upper

112 100

64 57.5 58.4 87.6#

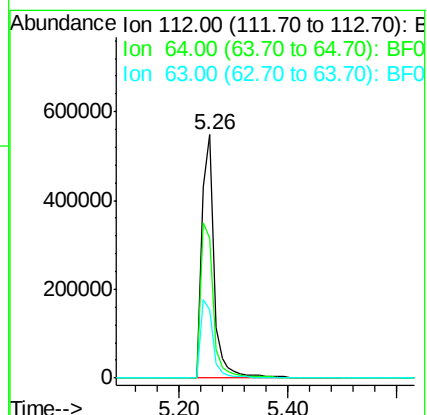
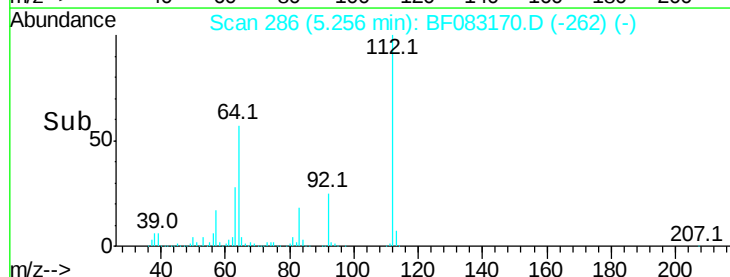
63 28.2 30.0 45.0#

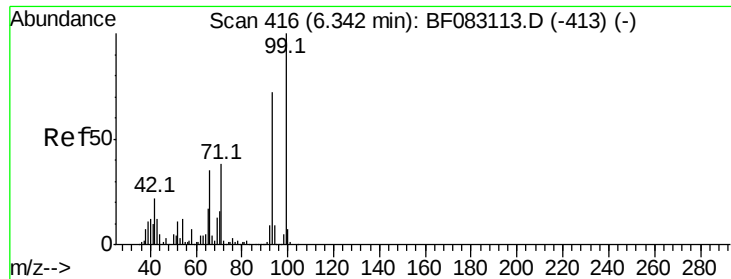


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.89 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083170.D

Acq: 22 Nov 2015 20:41

Instrument :

BNA_F

ClientSampleId :

MW-14

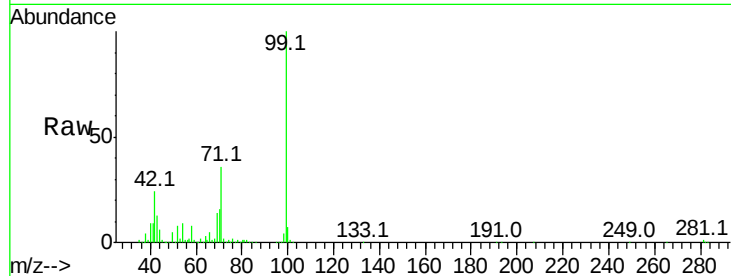
Tot Ion: 99 Resp: 708593

Ion Ratio Lower Upper

99 100

42 23.5 17.7 26.5

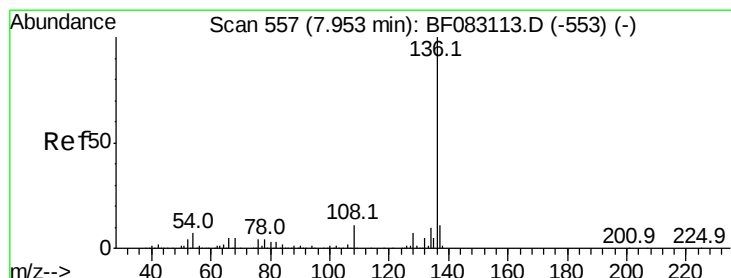
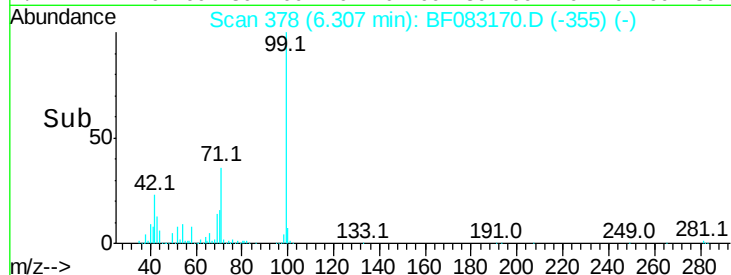
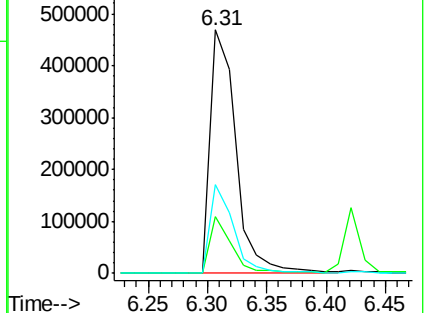
71 36.2 30.2 45.4



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: BF083170.D

Acq: 22 Nov 2015 20:41

Tgt Ion: 136 Resp: 724051

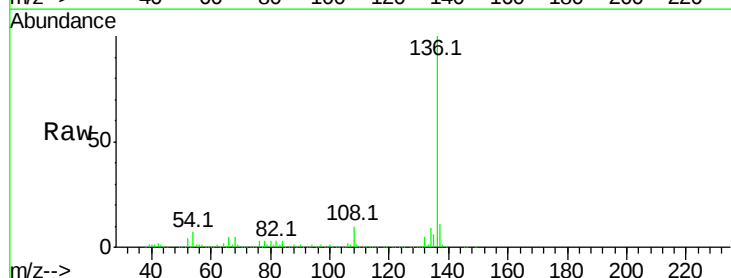
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 7.1 5.8 8.6

68 5.2 3.8 5.8

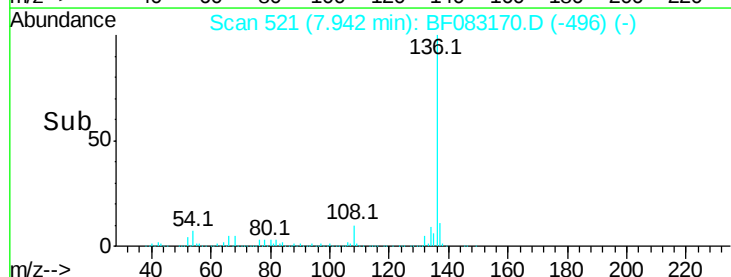
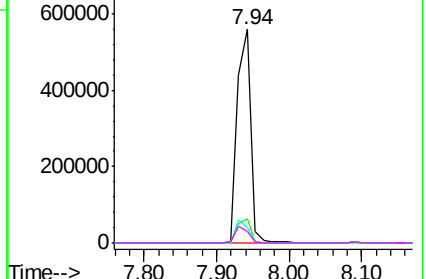


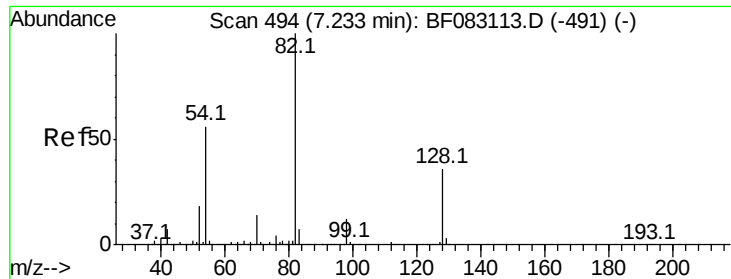
Abundance Ion 136.00 (135.70 to 136.70): E

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

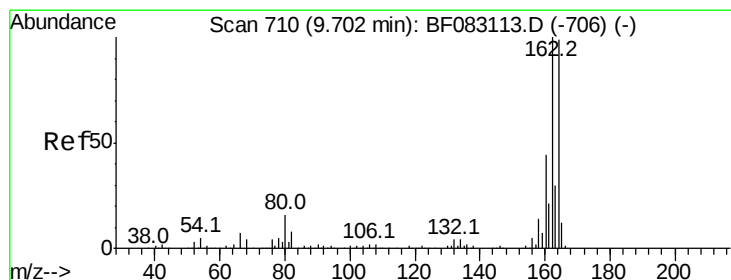
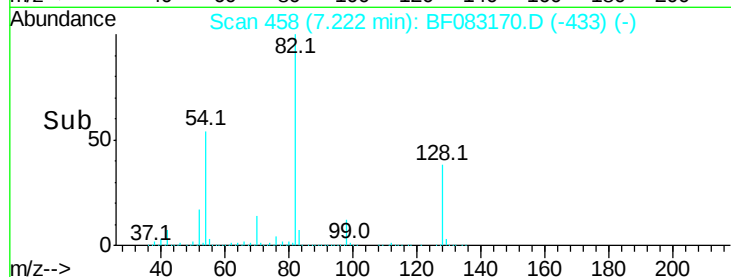
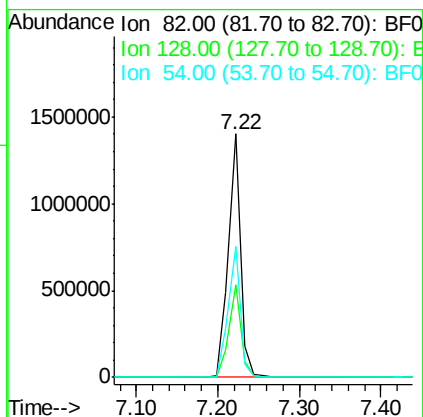
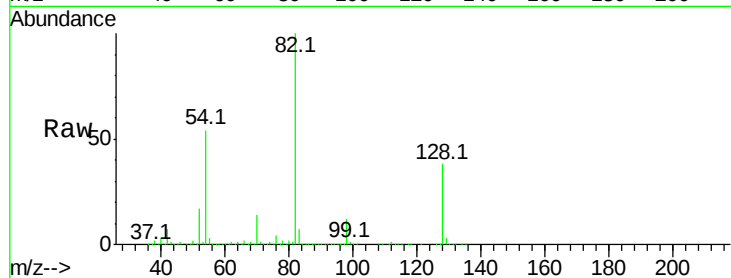




#23
Nitrobenzene-d5
Concen: 91.75 ng
RT: 7.22 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083170.D
Acq: 22 Nov 2015 20:41

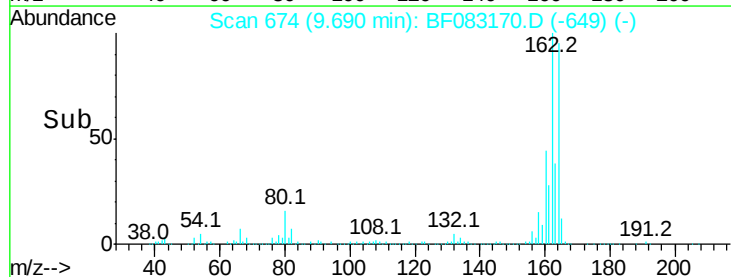
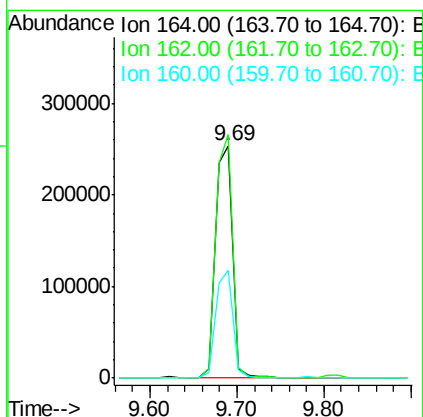
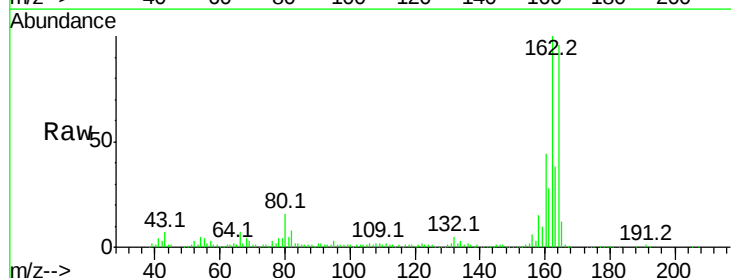
Instrument :
BNA_F
ClientSampleId :
MW-14

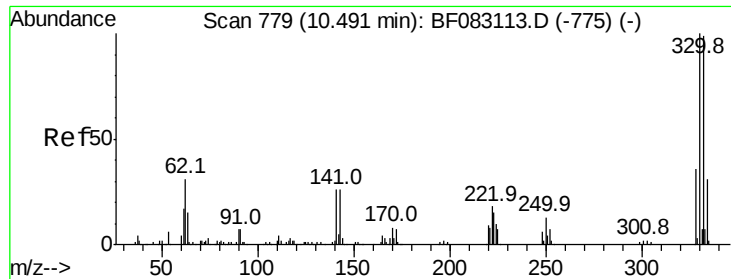
Tot Ion: 82 Resp: 1453881
Ion Ratio Lower Upper
82 100
128 37.9 28.5 42.7
54 54.0 44.6 67.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF083170.D
Acq: 22 Nov 2015 20:41

Tgt Ion:164 Resp: 351858
Ion Ratio Lower Upper
164 100
162 104.7 81.2 121.8
160 46.3 35.6 53.4

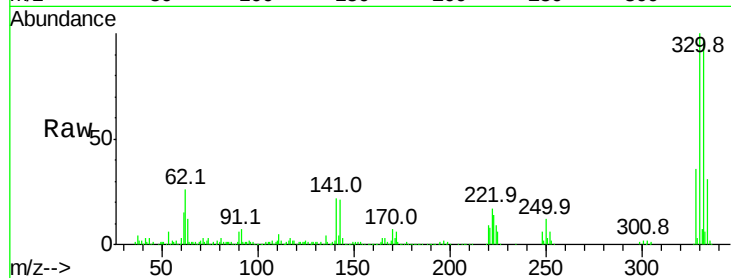




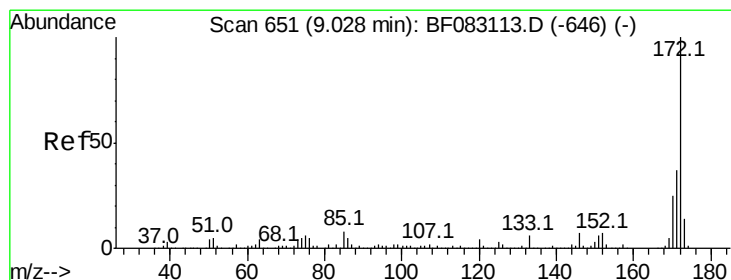
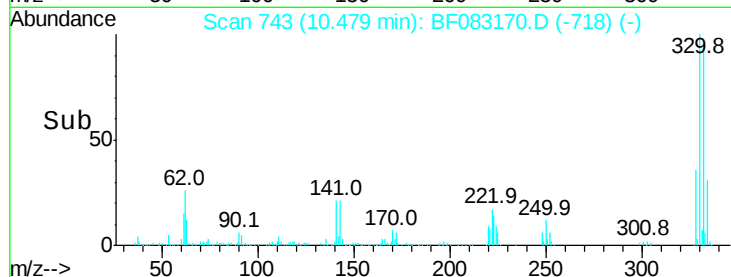
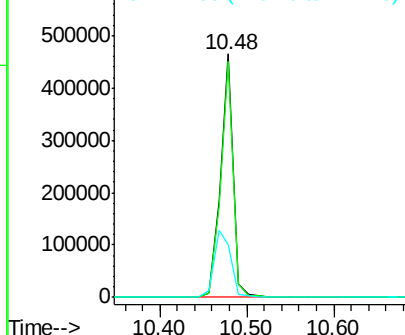
#41
 2,4,6-Tribromophenol
 Concen: 132.30 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083170.D
 Acq: 22 Nov 2015 20:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Tot Ion:330 Resp: 476231
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.7 116.5
 141 35.5 29.7 44.5

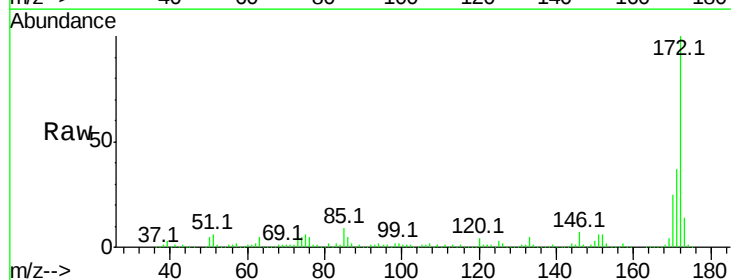


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

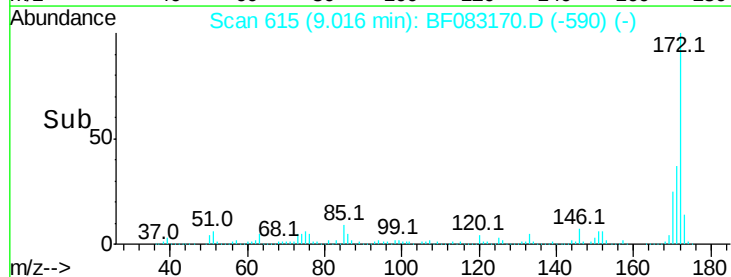
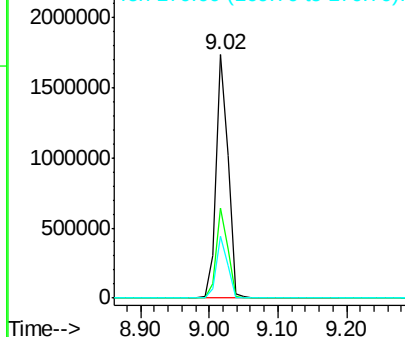


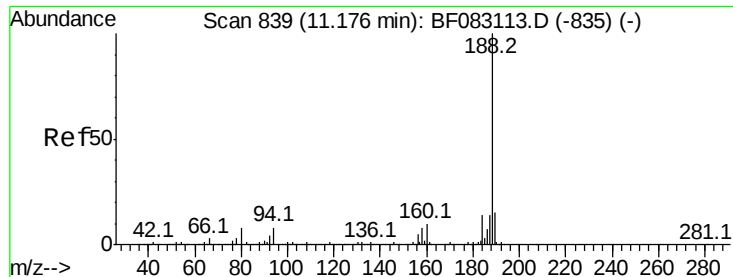
#44
 2-Fluorobiphenyl
 Concen: 84.76 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083170.D
 Acq: 22 Nov 2015 20:41

Tgt Ion:172 Resp: 2138618
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.5 44.3
 170 25.2 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

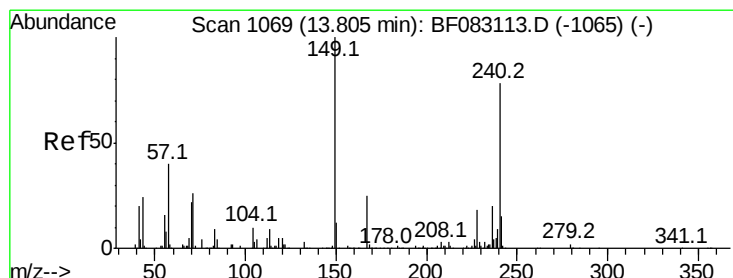
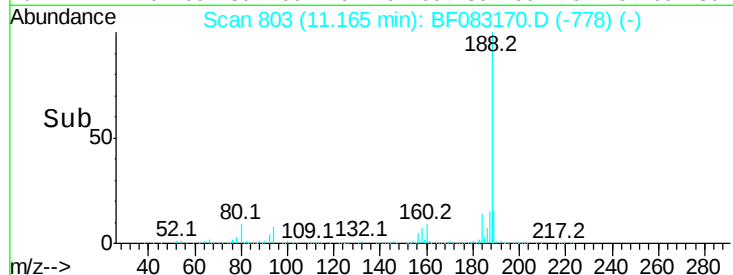
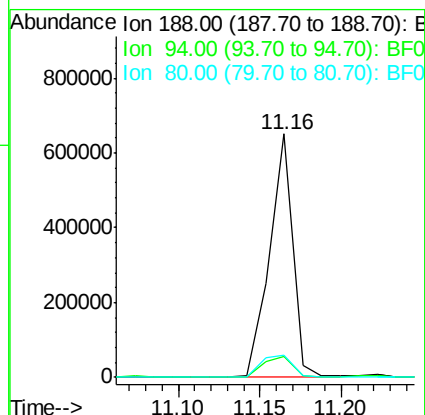
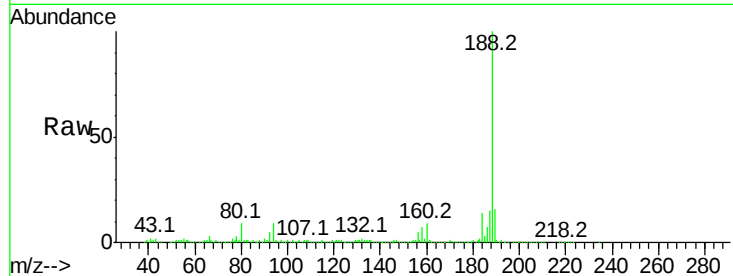




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083170.D
Acq: 22 Nov 2015 20:41

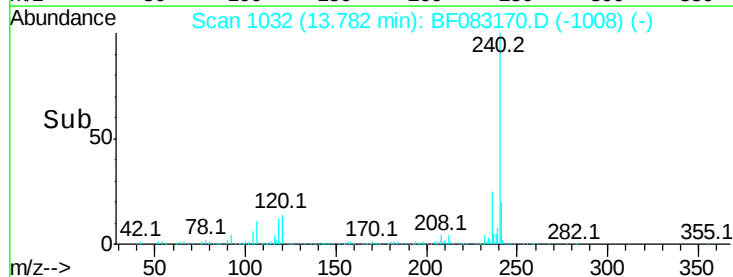
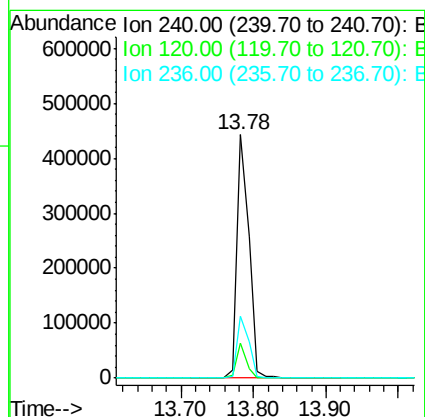
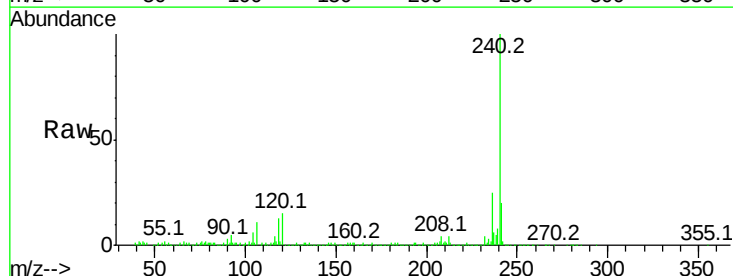
Instrument :
BNA_F
ClientSampleId :
MW-14

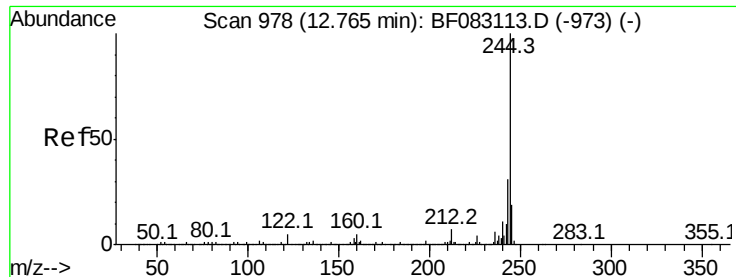
Tot Ion:188 Resp: 644290
Ion Ratio Lower Upper
188 100
94 8.6 6.0 9.0
80 9.1 6.7 10.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF083170.D
Acq: 22 Nov 2015 20:41

Tgt Ion:240 Resp: 511632
Ion Ratio Lower Upper
240 100
120 14.5 5.4 8.2#
236 25.2 20.6 31.0





#78

Terphenyl-d14

Concen: 66.75 ng

RT: 12.74 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF083170.D

Acq: 22 Nov 2015 20:41

Instrument :

BNA_F

ClientSampled :

MW-14

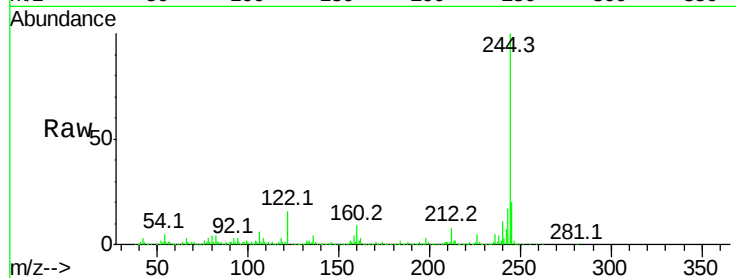
Tot Ion:244 Resp: 1450268

Ion Ratio Lower Upper

244 100

212 8.1 5.4 8.2

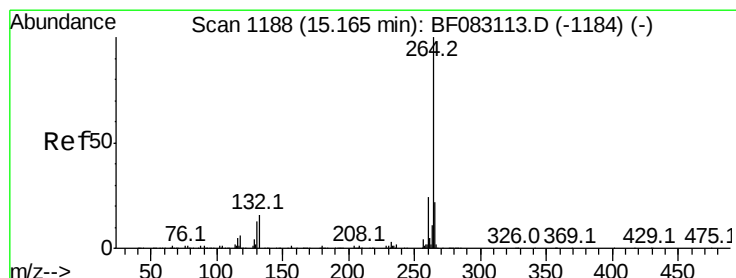
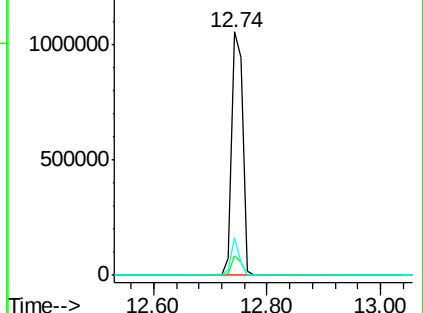
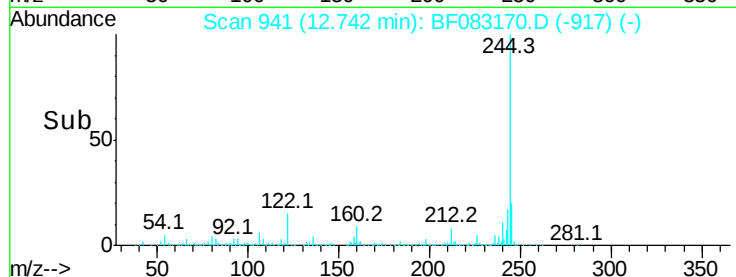
122 15.6 4.3 6.5#



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: BF083170.D

Acq: 22 Nov 2015 20:41

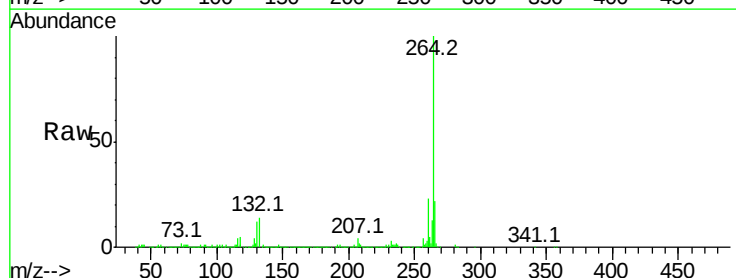
Tgt Ion:264 Resp: 431893

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.7 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

