

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
 Data File : BF083203.D
 Acq On : 23 Nov 2015 14:37
 Operator : UM/IZ
 Sample : G4437-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-30

Quant Time: Nov 24 05:27:17 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	6.64	152	200118	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	722119	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	353930	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	656090	20.00	ng	-0.02
75) Chrysene-d12	13.77	240	586893	20.00	ng	-0.03
86) Perylene-d12	15.13	264	485761	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	856222	64.69	ng	-0.05
7) Phenol-d6	6.30	99	701701	40.97	ng	-0.05
23) Nitrobenzene-d5	7.21	82	1591169	100.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	522198	144.22	ng	-0.02
44) 2-Fluorobiphenyl	9.02	172	2626626	103.49	ng	-0.01
78) Terphenyl-d14	12.74	244	2326897	93.36	ng	-0.02

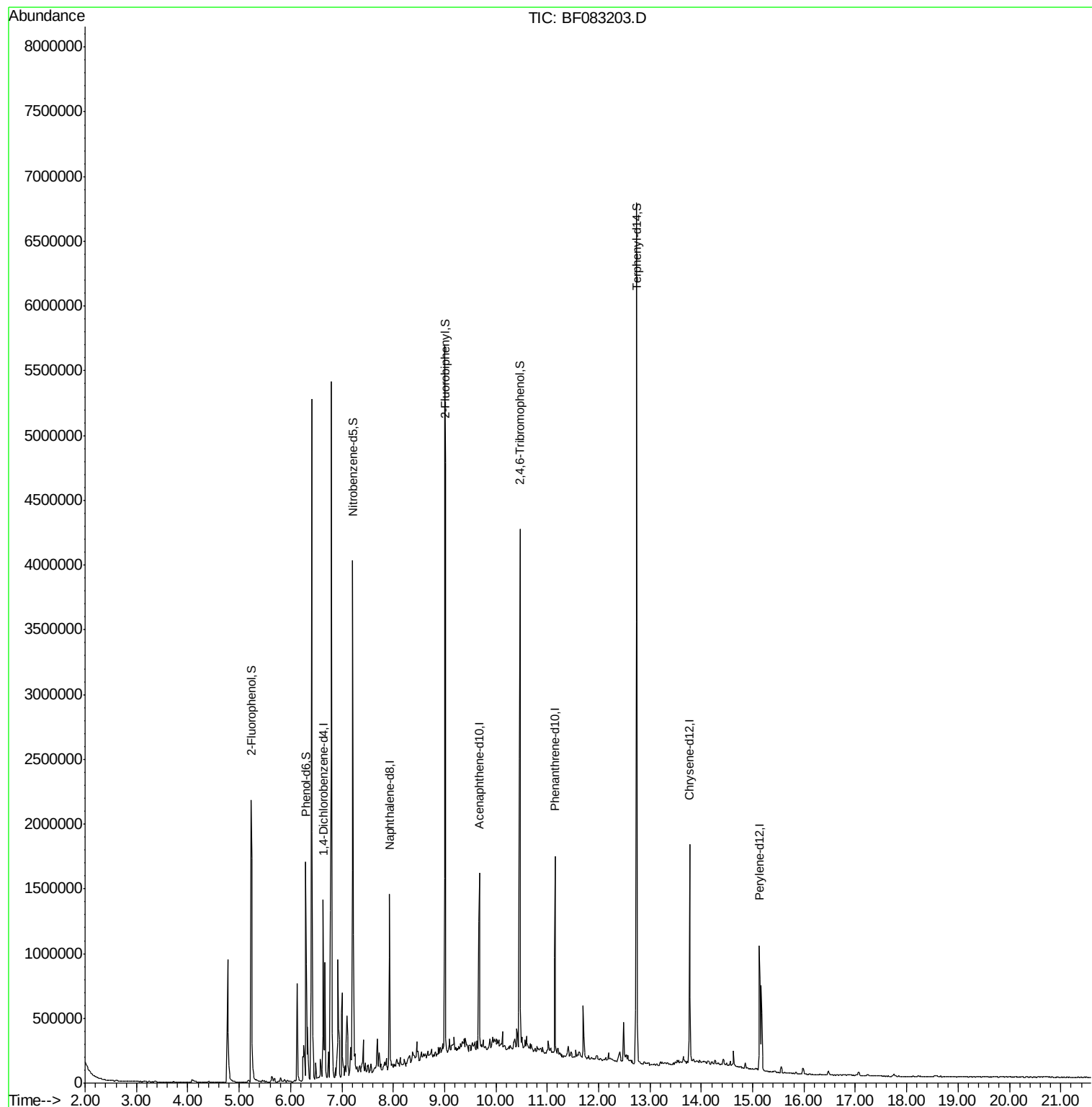
Target Compounds Qvalue

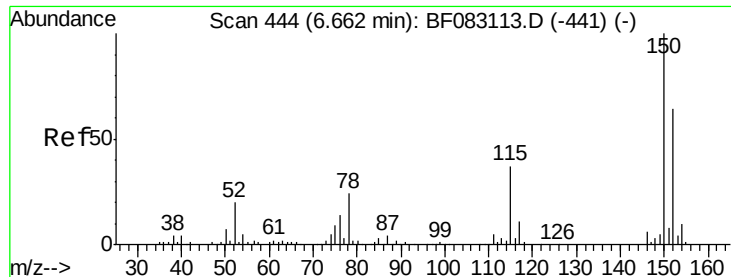
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 24 05:27:17 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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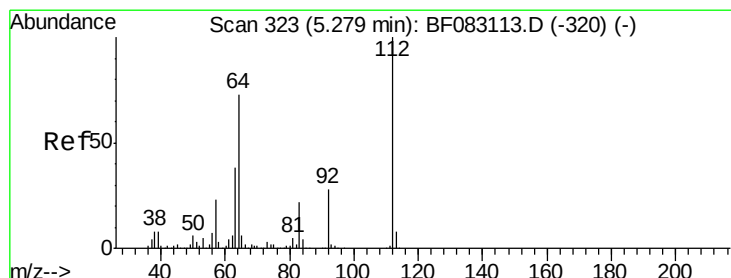
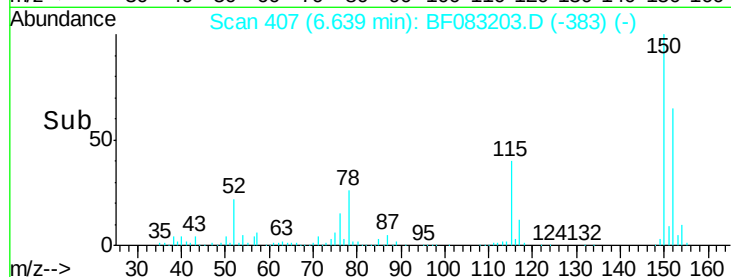
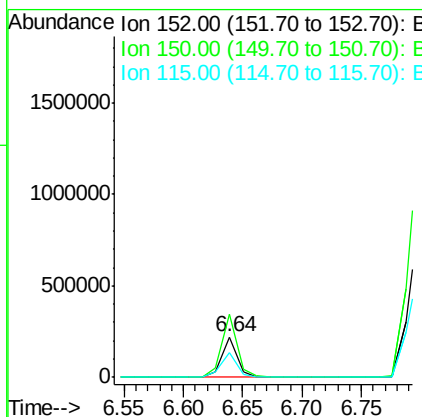
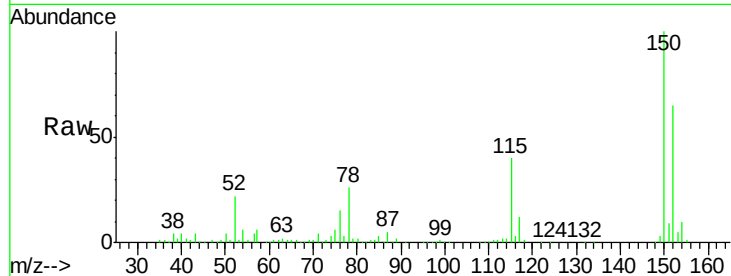


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 407
Delta R.T. -0.02 min
Lab File: BF083203.D
Acq: 23 Nov 2015 14:37

Instrument :
BNA_F
ClientSampleId :
MW-30

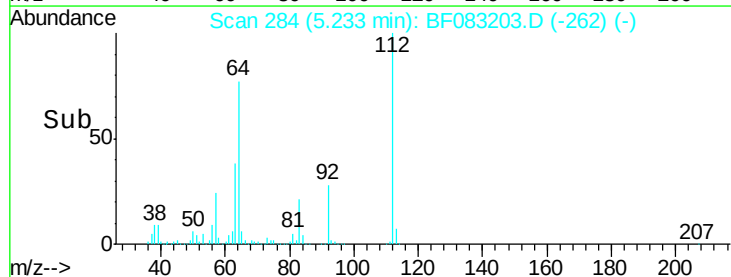
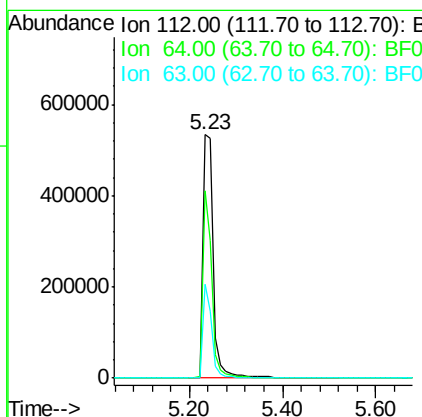
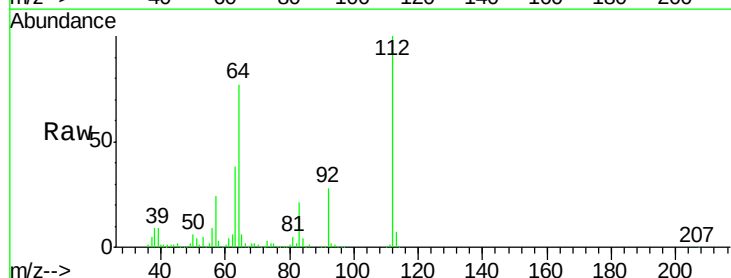
Tot Ion:152 Resp: 200118
Ion Ratio Lower Upper
152 100
150 155.0 125.8 188.8
115 62.3 46.9 70.3

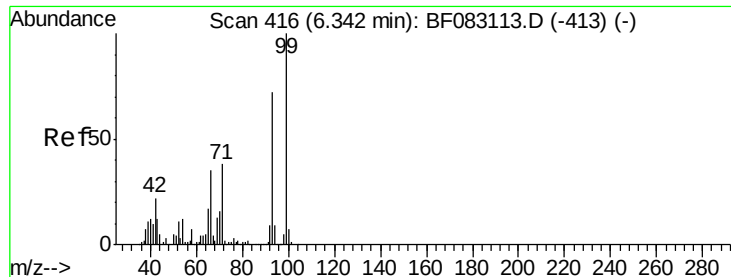


#5

2-Fluorophenol
Concen: 64.69 ng
RT: 5.23 min Scan# 284
Delta R.T. -0.05 min
Lab File: BF083203.D
Acq: 23 Nov 2015 14:37

Tgt Ion:112 Resp: 856222
Ion Ratio Lower Upper
112 100
64 76.7 58.4 87.6
63 38.5 30.0 45.0





#7

Phenol-d6

Concen: 40.97 ng

RT: 6.30 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF083203.D

Acq: 23 Nov 2015 14:37

Instrument :

BNA_F

ClientSampleId :

MW-30

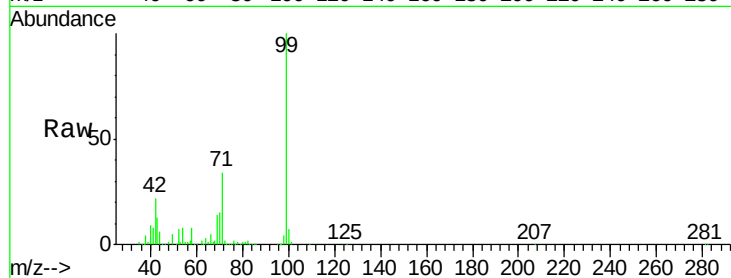
Tot Ion: 99 Resp: 701701

Ion Ratio Lower Upper

99 100

42 22.4 17.7 26.5

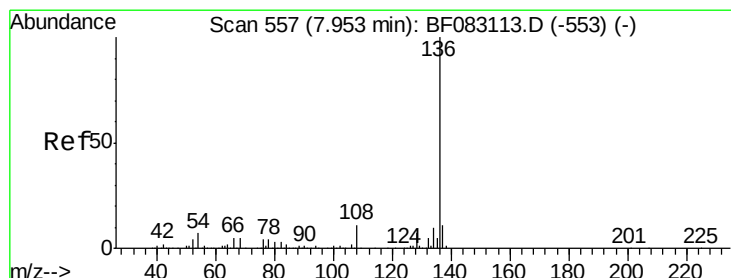
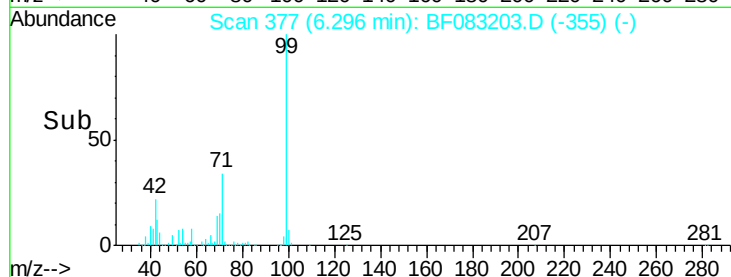
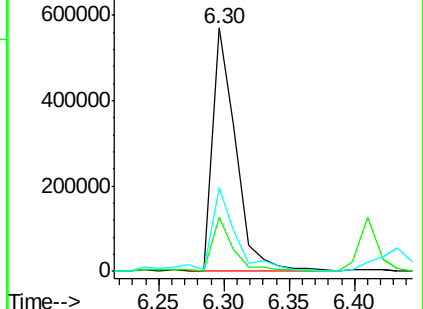
71 34.3 30.2 45.4



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: 7.93 min Scan# 520

Delta R.T. -0.02 min

Lab File: BF083203.D

Acq: 23 Nov 2015 14:37

Tgt Ion: 136 Resp: 722119

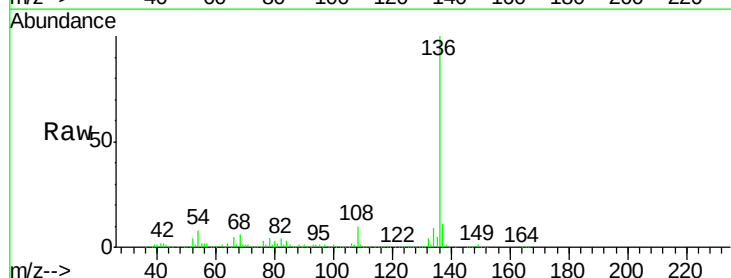
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 8.3 5.8 8.6

68 6.1 3.8 5.8#

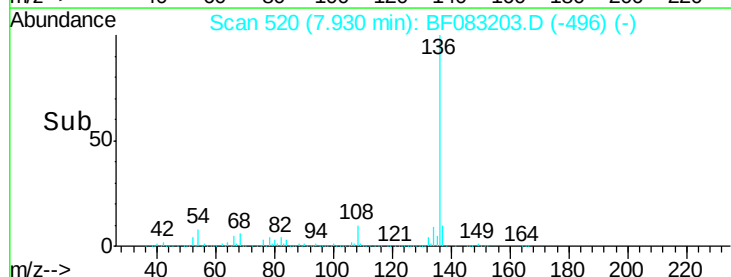
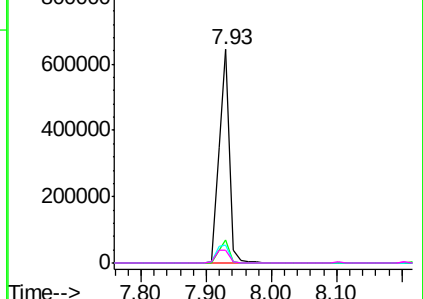


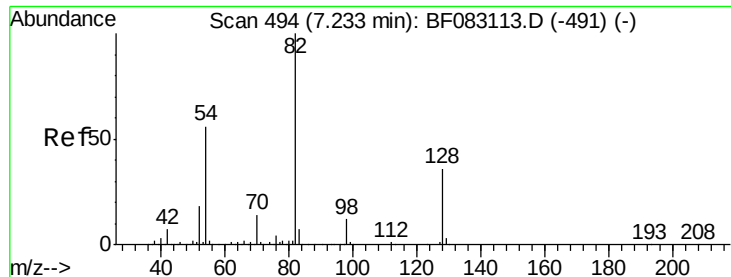
Abundance Ion 136.00 (135.70 to 136.70): E

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

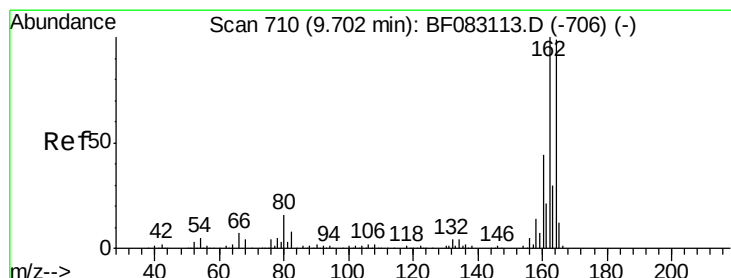
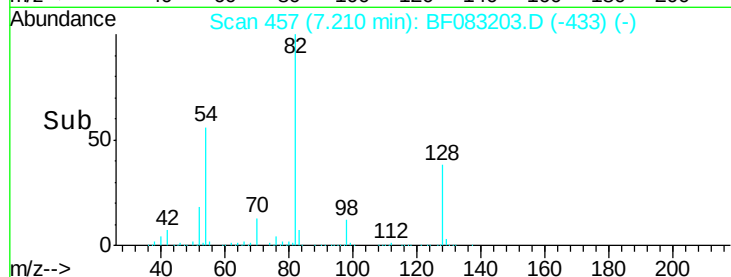
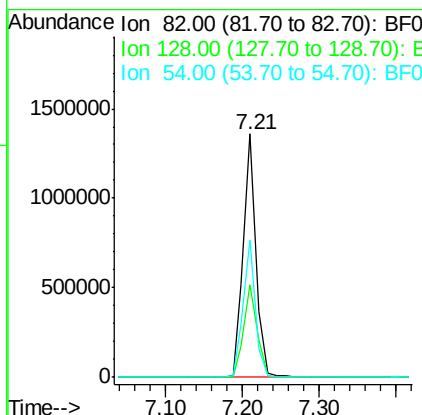
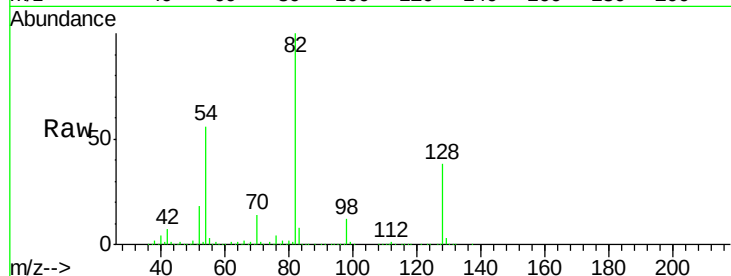




#23
Nitrobenzene-d5
Concen: 100.69 ng
RT: 7.21 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083203.D
Acq: 23 Nov 2015 14:37

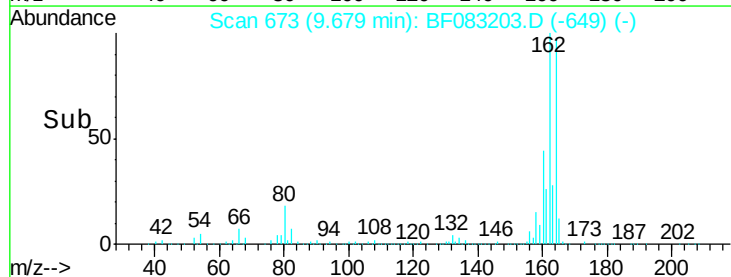
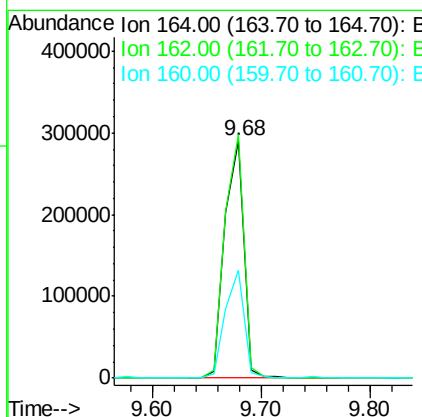
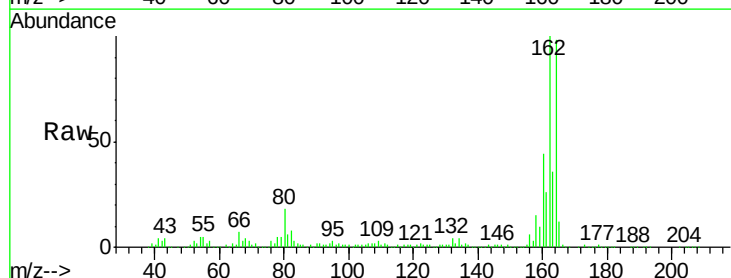
Instrument :
BNA_F
ClientSampleId :
MW-30

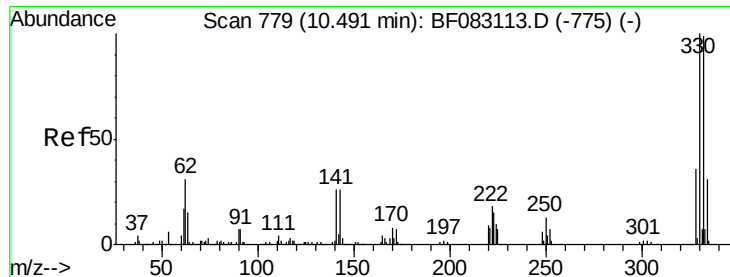
Tot Ion: 82 Resp: 1591169
Ion Ratio Lower Upper
82 100
128 38.0 28.5 42.7
54 56.2 44.6 67.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF083203.D
Acq: 23 Nov 2015 14:37

Tgt Ion:164 Resp: 353930
Ion Ratio Lower Upper
164 100
162 102.5 81.2 121.8
160 45.3 35.6 53.4

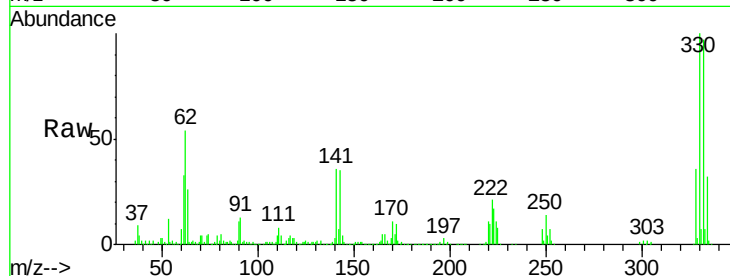




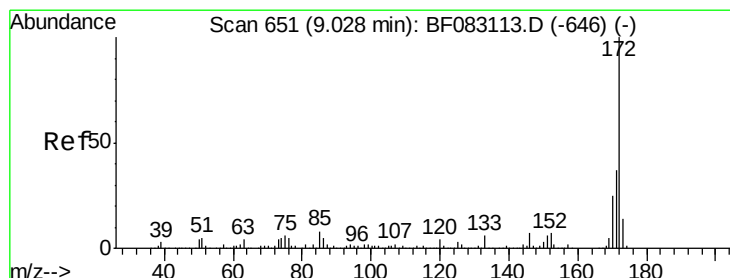
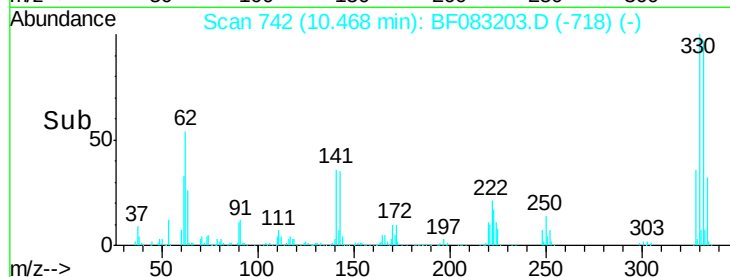
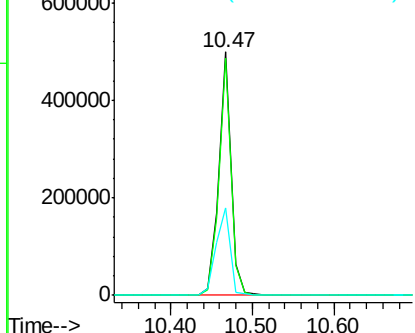
#41
 2,4,6-Tribromophenol
 Concen: 144.22 ng
 RT: 10.47 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF083203.D
 Acq: 23 Nov 2015 14:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-30

Tot Ion:330 Resp: 522198
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.7 116.5
 141 40.7 29.7 44.5

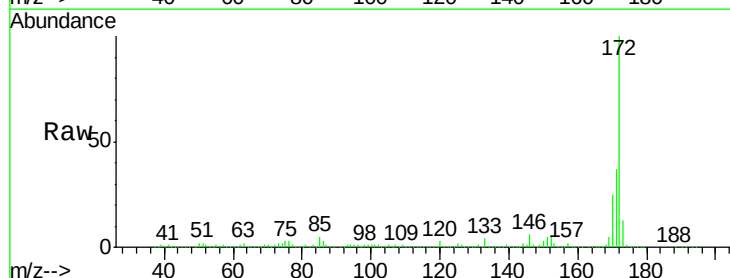


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

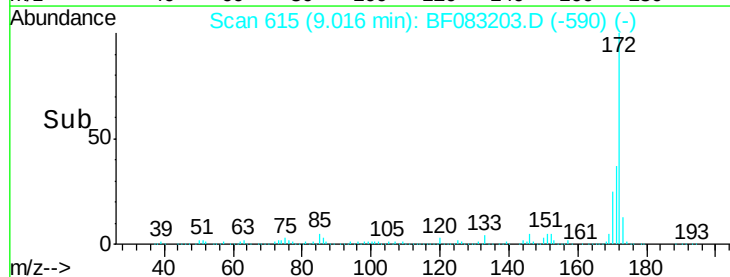
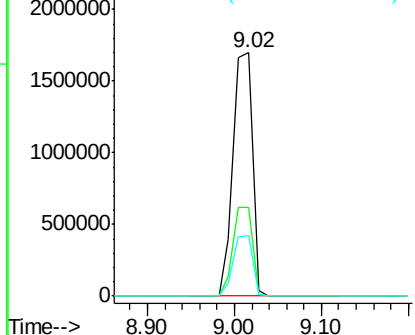


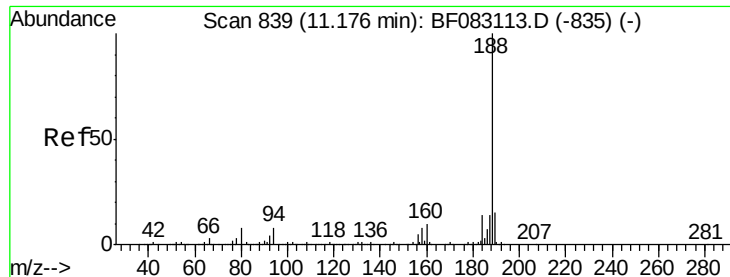
#44
 2-Fluorobiphenyl
 Concen: 103.49 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083203.D
 Acq: 23 Nov 2015 14:37

Tgt Ion:172 Resp: 2626626
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.5 44.3
 170 24.9 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

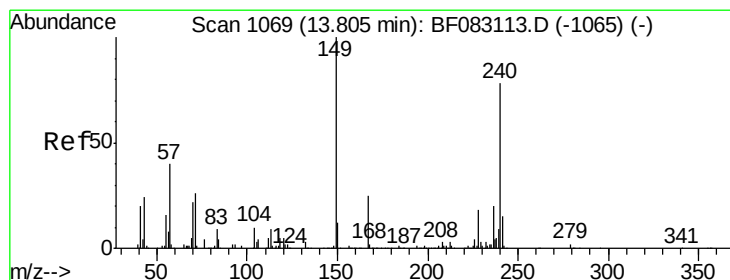
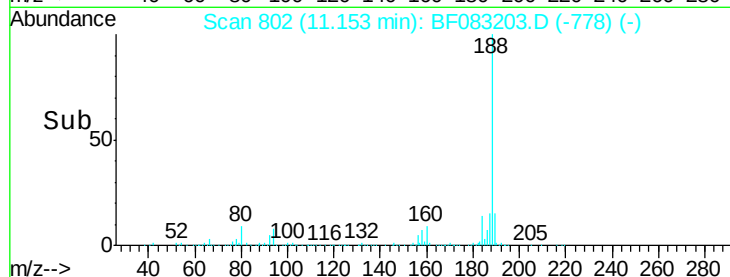
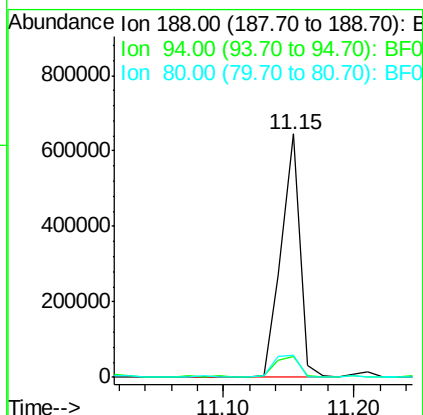
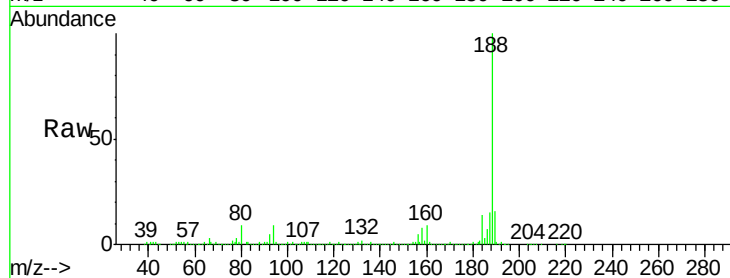




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF083203.D
Acq: 23 Nov 2015 14:37

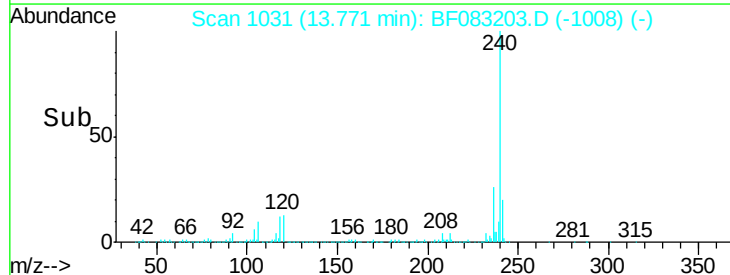
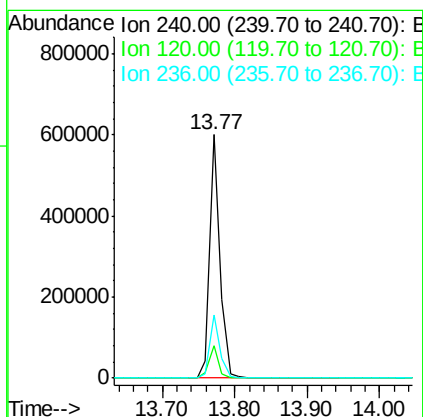
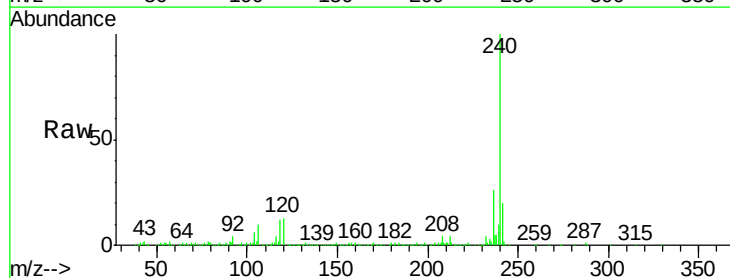
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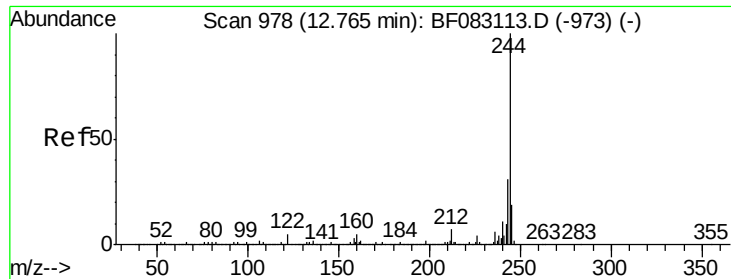
Tot Ion:188 Resp: 656090
Ion Ratio Lower Upper
188 100
94 8.7 6.0 9.0
80 9.2 6.7 10.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1031
Delta R.T. -0.03 min
Lab File: BF083203.D
Acq: 23 Nov 2015 14:37

Tgt Ion:240 Resp: 586893
Ion Ratio Lower Upper
240 100
120 13.2 5.4 8.2#
236 25.9 20.6 31.0

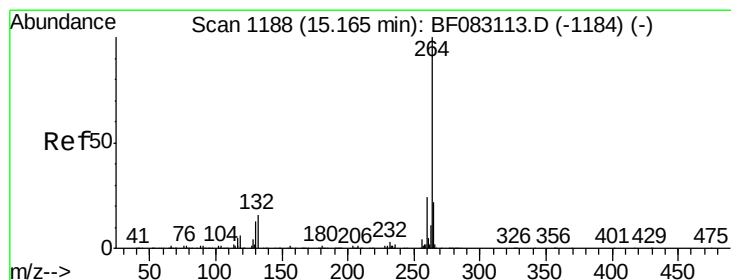
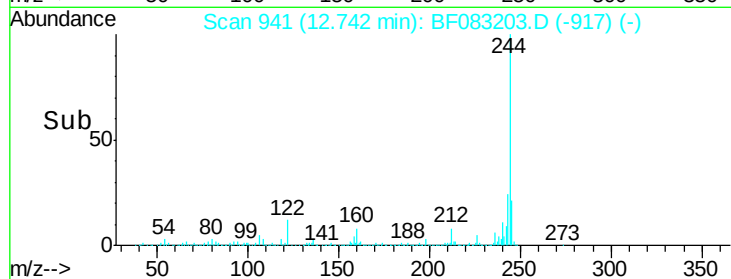
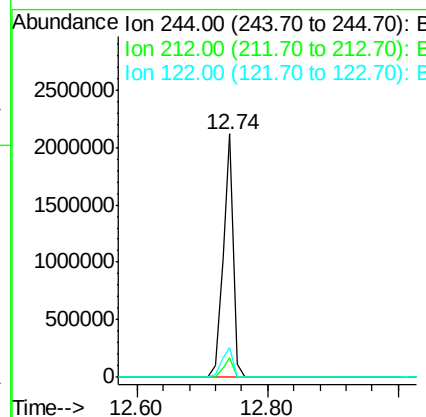
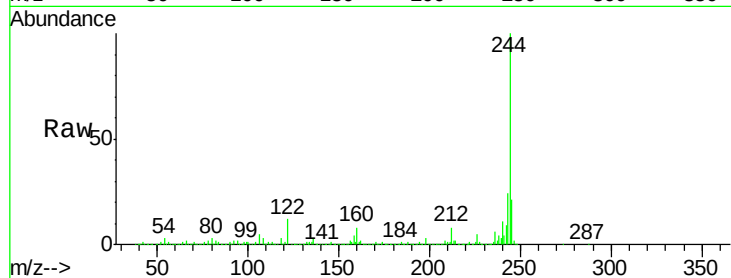




#78
 Terphenyl-d14
 Concen: 93.36 ng
 RT: 12.74 min Scan# 941
 Delta R.T. -0.02 min
 Lab File: BF083203.D
 Acq: 23 Nov 2015 14:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-30

Tot Ion:244 Resp: 2326897
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.4 8.2
 122 12.5 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1150
 Delta R.T. -0.03 min
 Lab File: BF083203.D
 Acq: 23 Nov 2015 14:37

Tgt Ion:264 Resp: 485761
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 22.2 18.2 27.4

