

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
 Data File : BF083210.D
 Acq On : 23 Nov 2015 18:12
 Operator : UM/IZ
 Sample : G4437-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Quant Time: Nov 24 05:41:34 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	6.64	152	204030	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	724813	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	356313	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	672885	20.00	ng	-0.02
75) Chrysene-d12	13.77	240	576758	20.00	ng	-0.03
86) Perylene-d12	15.13	264	442758	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	933009	69.14	ng	-0.03
7) Phenol-d6	6.31	99	809690	46.37	ng	-0.03
23) Nitrobenzene-d5	7.21	82	1544444	97.37	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	484758	132.98	ng	-0.02
44) 2-Fluorobiphenyl	9.02	172	2315098	90.60	ng	-0.01
78) Terphenyl-d14	12.74	244	2229378	91.02	ng	-0.02

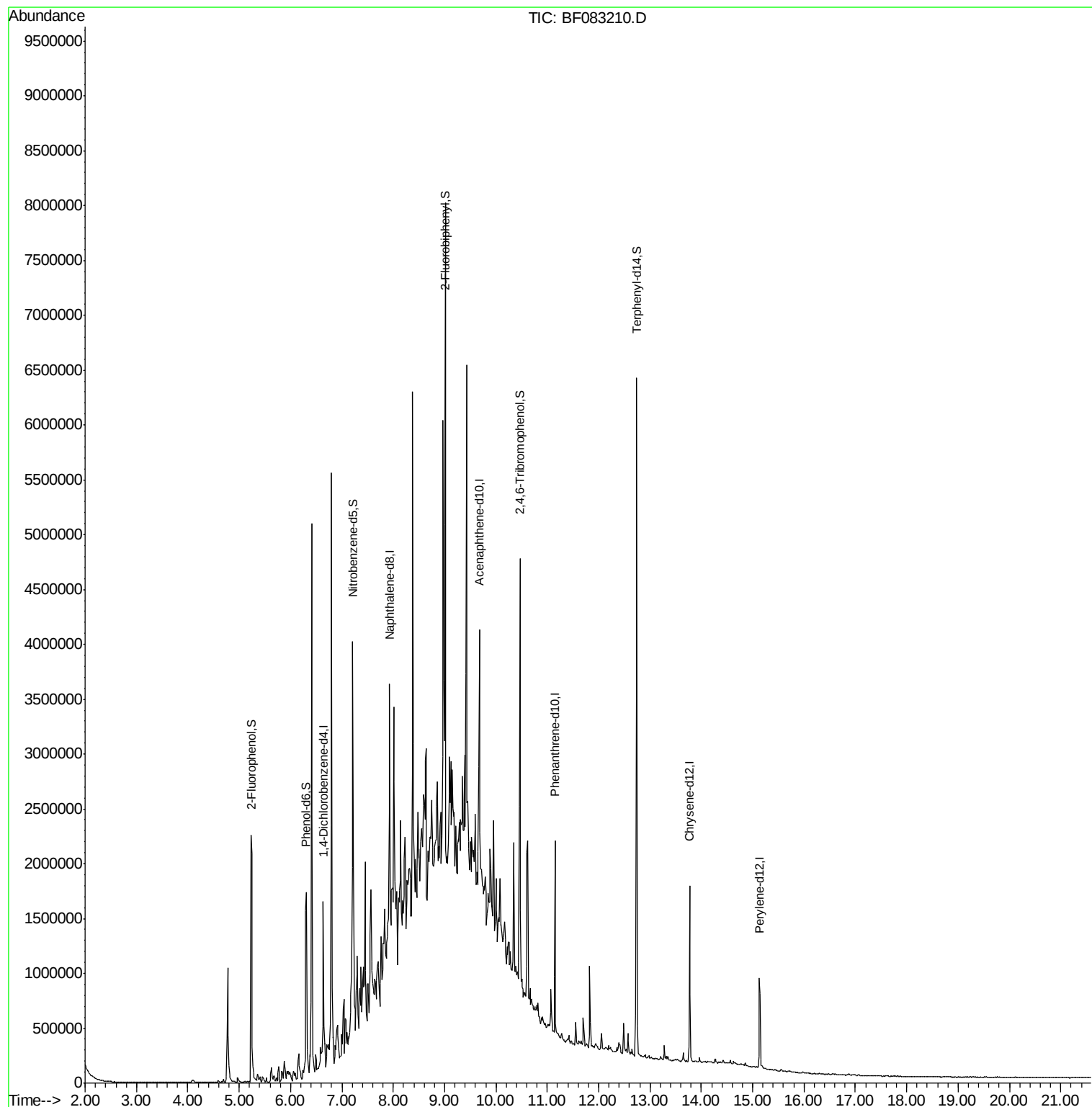
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083210.D
Acq On : 23 Nov 2015 18:12
Operator : UM/IZ
Sample : G4437-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-09

Quant Time: Nov 24 05:41:34 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



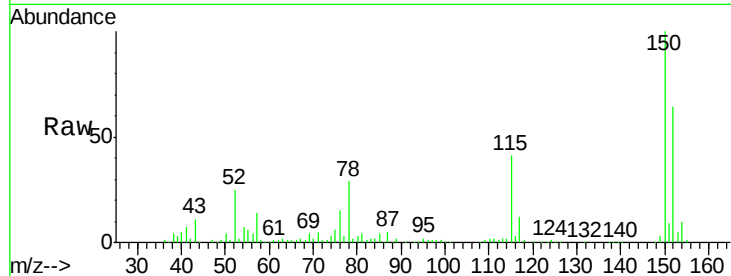


#1

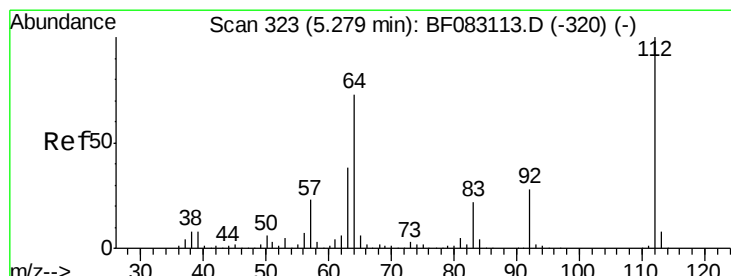
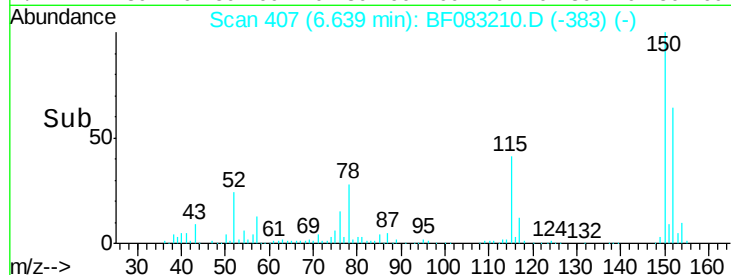
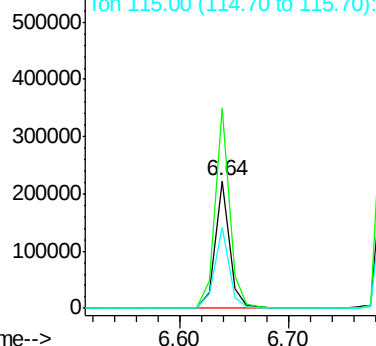
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 407
Delta R.T. -0.02 min
Lab File: BF083210.D
Acq: 23 Nov 2015 18:12

Instrument :
BNA_F
ClientSampleId :
MW-09

Tot Ion:152 Resp: 204030
Ion Ratio Lower Upper
152 100
150 157.0 125.8 188.8
115 64.0 46.9 70.3



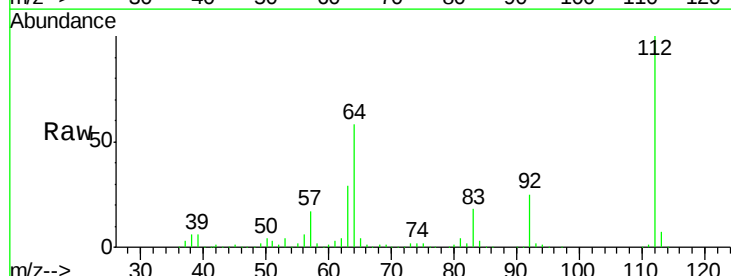
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



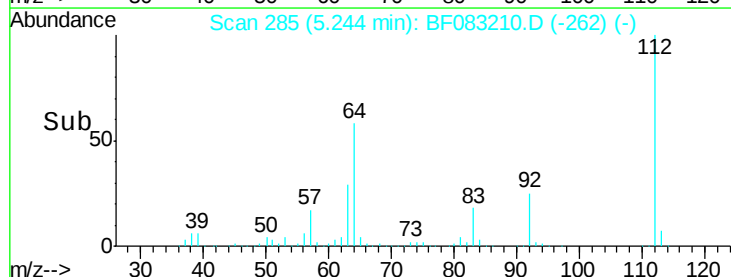
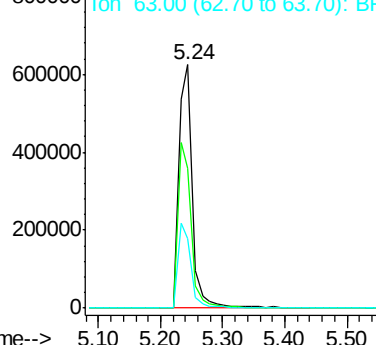
#5

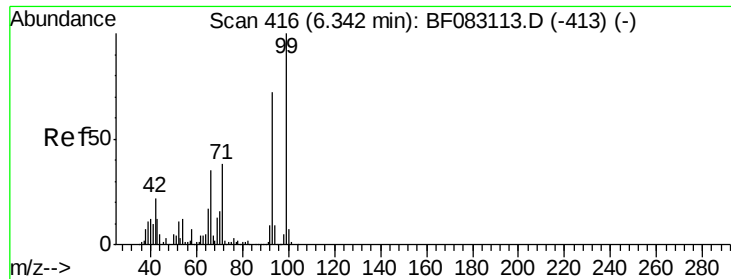
2-Fluorophenol
Concen: 69.14 ng
RT: 5.24 min Scan# 285
Delta R.T. -0.03 min
Lab File: BF083210.D
Acq: 23 Nov 2015 18:12

Tgt Ion:112 Resp: 933009
Ion Ratio Lower Upper
112 100
64 57.7 58.4 87.6#
63 28.7 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: 46.37 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083210.D

Acq: 23 Nov 2015 18:12

Instrument :

BNA_F

ClientSampleId :

MW-09

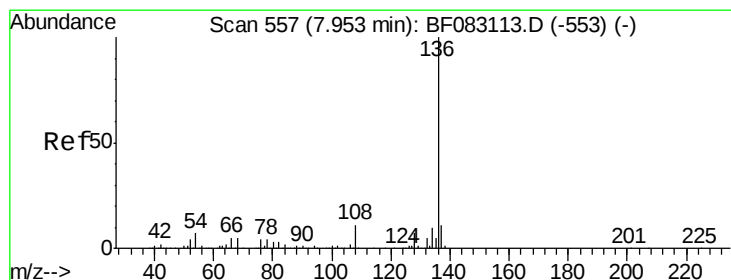
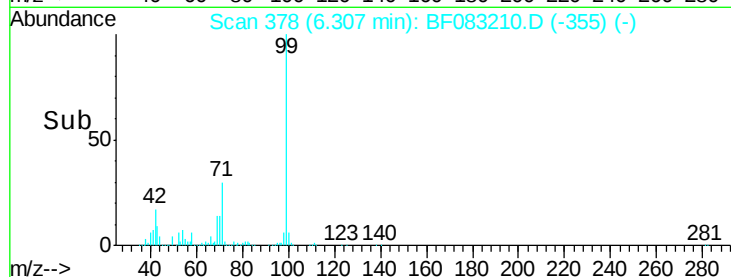
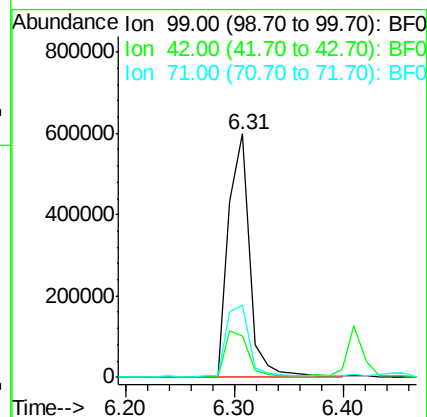
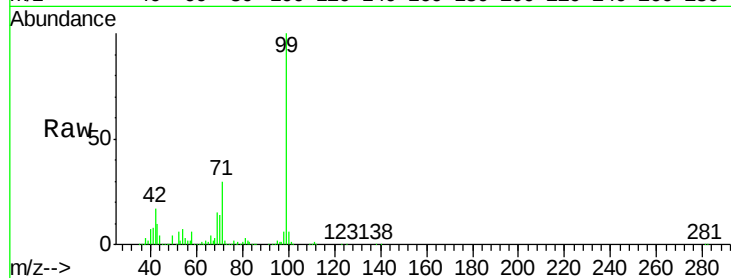
Tot Ion: 99 Resp: 809690

Ion Ratio Lower Upper

99 100

42 17.0 17.7 26.5#

71 29.8 30.2 45.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 520

Delta R.T. -0.02 min

Lab File: BF083210.D

Acq: 23 Nov 2015 18:12

Tgt Ion: 136 Resp: 724813

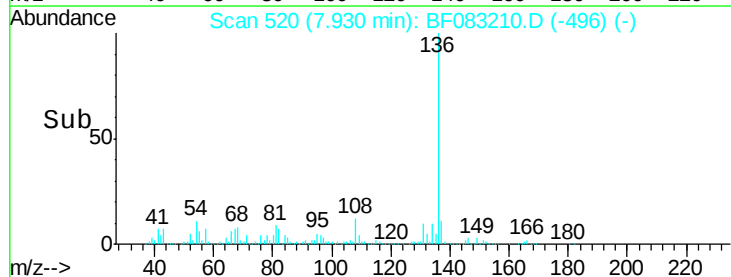
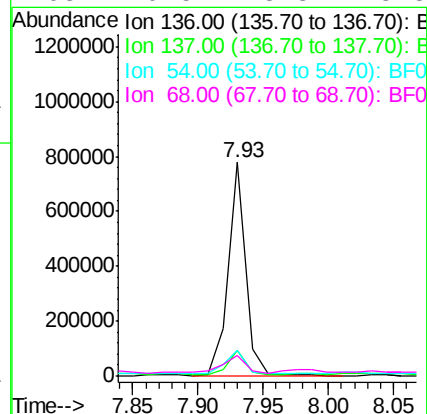
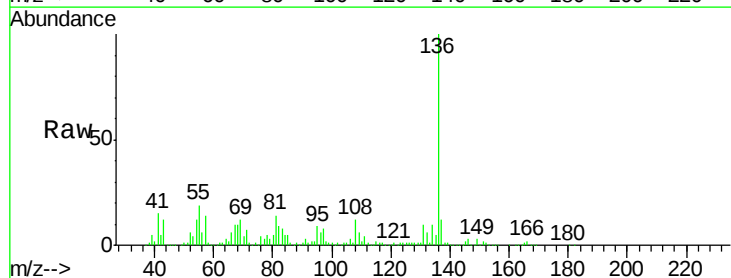
Ion Ratio Lower Upper

136 100

137 11.7 8.7 13.1

54 12.2 5.8 8.6#

68 9.5 3.8 5.8#

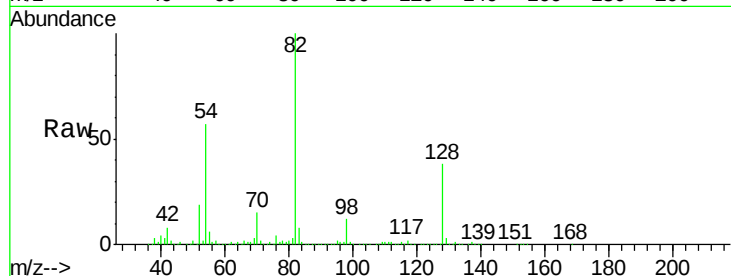




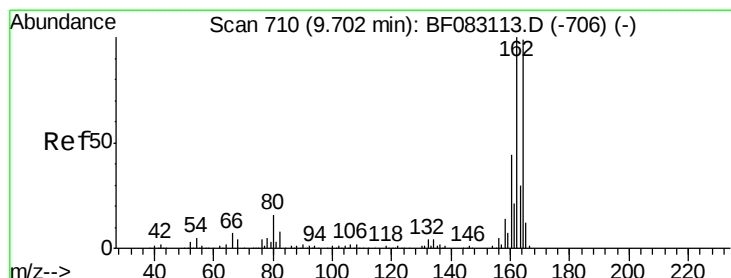
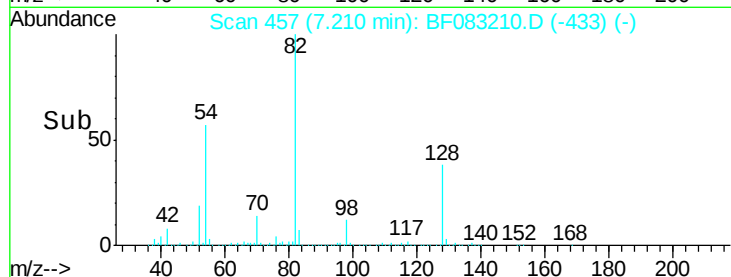
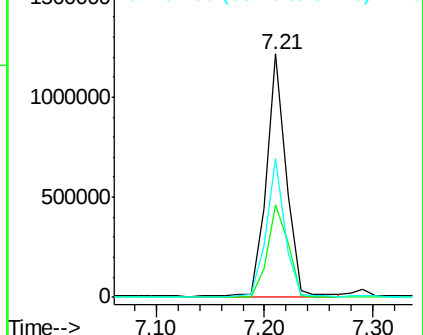
#23
 Nitrobenzene-d5
 Concen: 97.37 ng
 RT: 7.21 min Scan# 457
 Delta R.T. -0.02 min
 Lab File: BF083210.D
 Acq: 23 Nov 2015 18:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Tot Ion: 82 Resp: 1544444
 Ion Ratio Lower Upper
 82 100
 128 37.9 28.5 42.7
 54 56.8 44.6 67.0

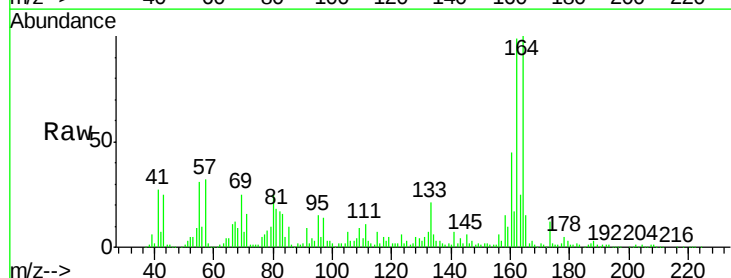


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

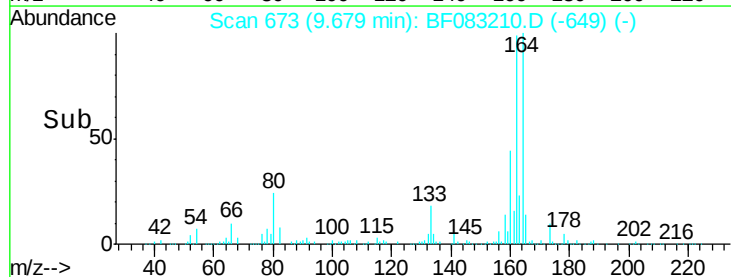
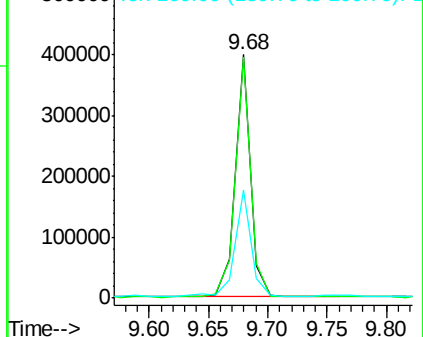


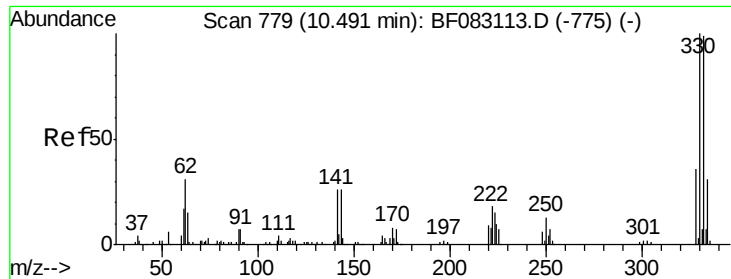
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 673
 Delta R.T. -0.02 min
 Lab File: BF083210.D
 Acq: 23 Nov 2015 18:12

Tgt Ion: 164 Resp: 356313
 Ion Ratio Lower Upper
 164 100
 162 99.0 81.2 121.8
 160 44.6 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

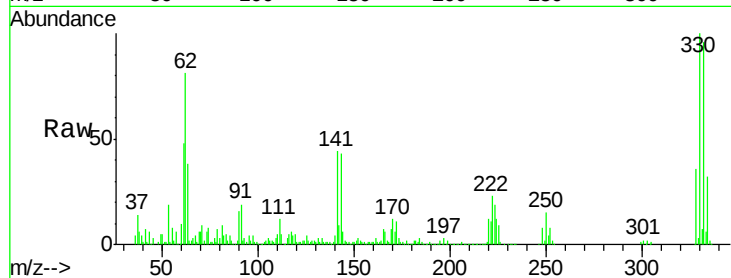




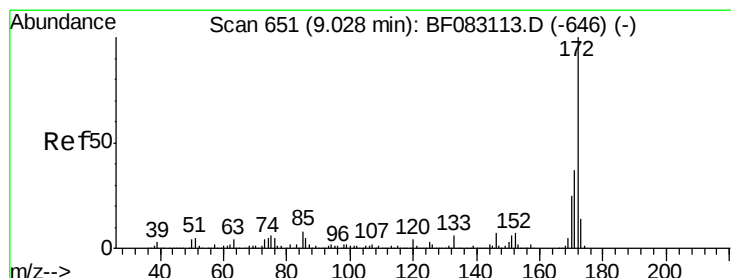
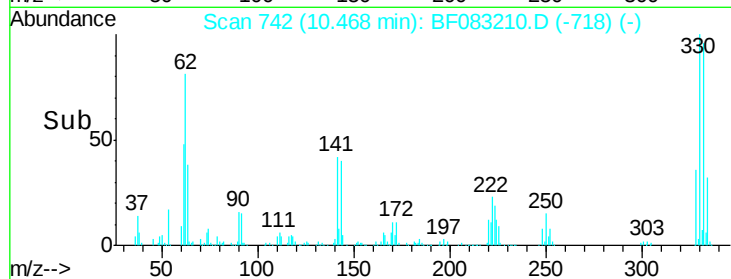
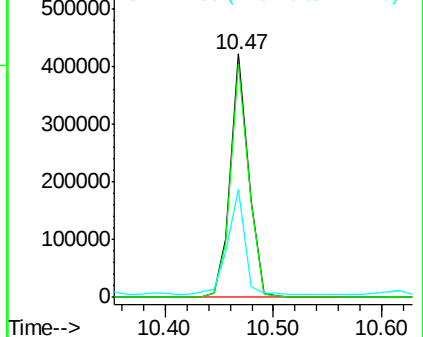
#41
 2,4,6-Tribromophenol
 Concen: 132.98 ng
 RT: 10.47 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF083210.D
 Acq: 23 Nov 2015 18:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Tot Ion:330 Resp: 484758
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.7 116.5
 141 42.2 29.7 44.5

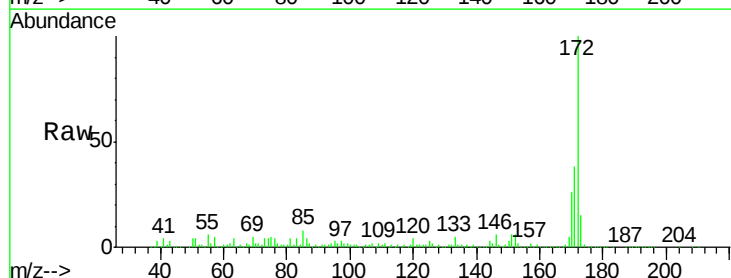


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

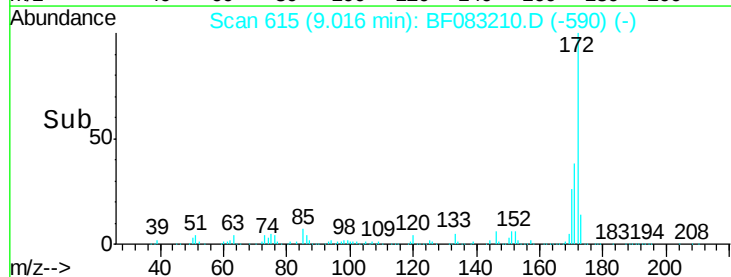
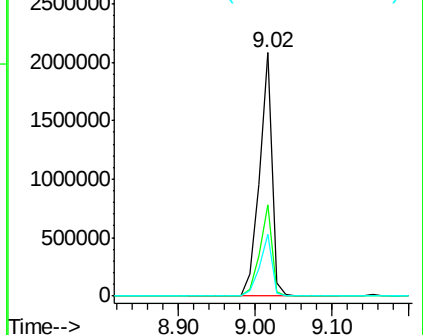


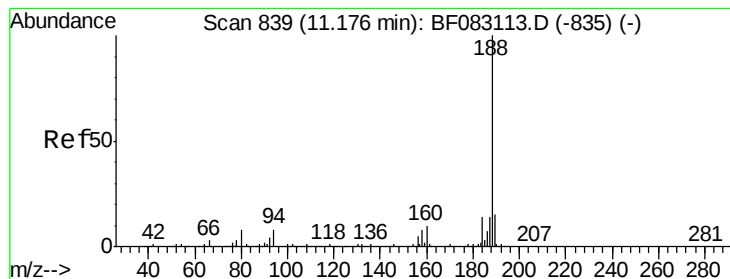
#44
 2-Fluorobiphenyl
 Concen: 90.60 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083210.D
 Acq: 23 Nov 2015 18:12

Tgt Ion:172 Resp: 2315098
 Ion Ratio Lower Upper
 172 100
 171 37.6 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.15 min Scan# 802

Delta R.T. -0.02 min

Lab File: BF083210.D

Acq: 23 Nov 2015 18:12

Instrument :

BNA_F

ClientSampleId :

MW-09

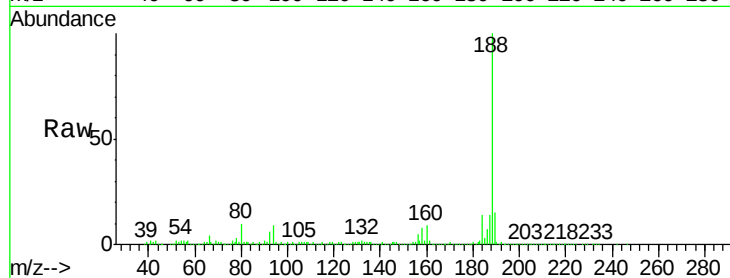
Tot Ion:188 Resp: 672885

Ion Ratio Lower Upper

188 100

94 9.5 6.0 9.0#

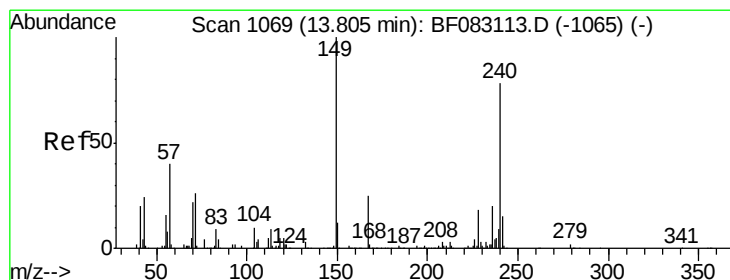
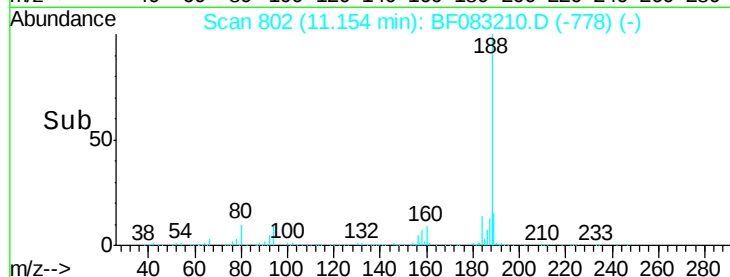
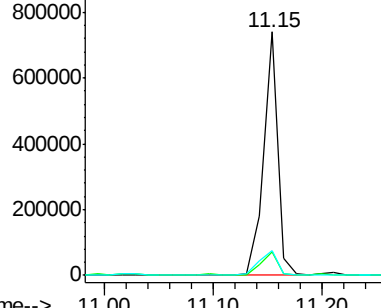
80 10.4 6.7 10.1#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1031

Delta R.T. -0.03 min

Lab File: BF083210.D

Acq: 23 Nov 2015 18:12

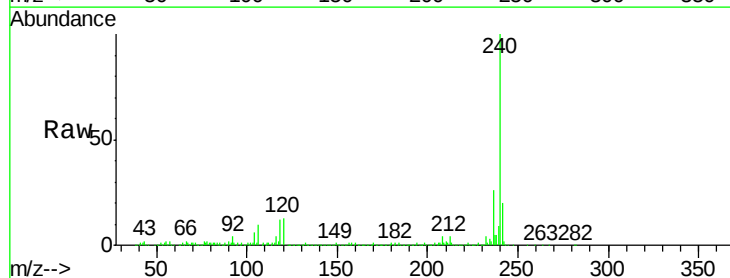
Tgt Ion:240 Resp: 576758

Ion Ratio Lower Upper

240 100

120 13.2 5.4 8.2#

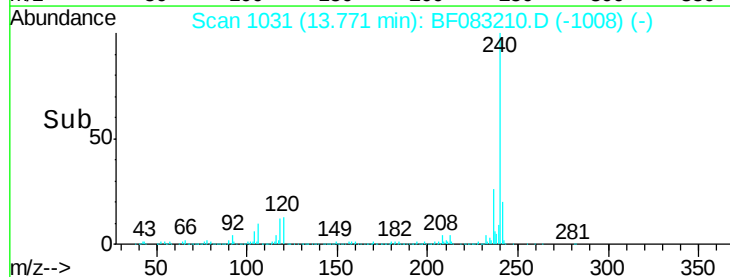
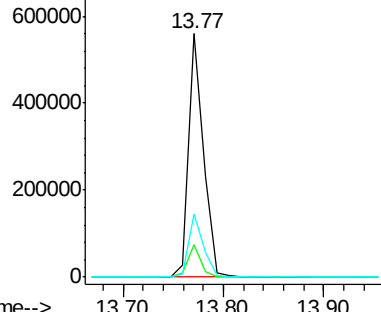
236 25.8 20.6 31.0

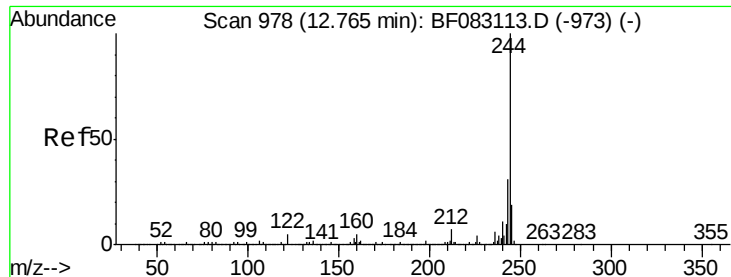


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.02 ng

RT: 12.74 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF083210.D

Acq: 23 Nov 2015 18:12

Instrument :

BNA_F

ClientSampled :

MW-09

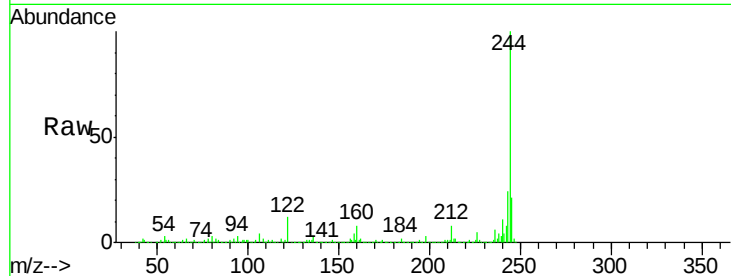
Tot Ion:244 Resp: 2229378

Ion Ratio Lower Upper

244 100

212 8.1 5.4 8.2

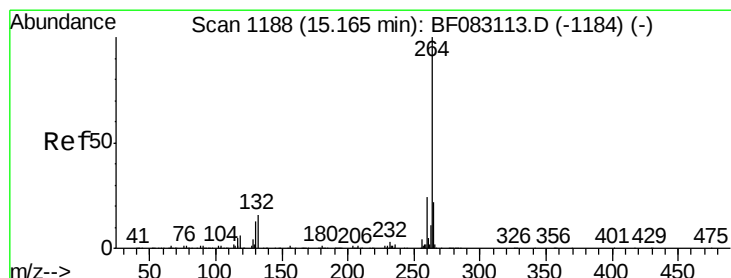
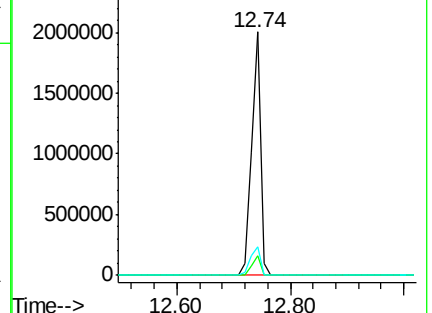
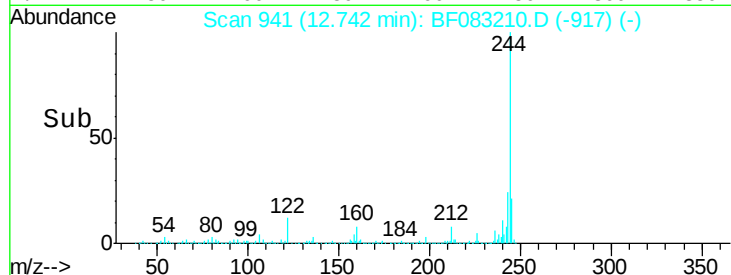
122 11.6 4.3 6.5#



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: 15.13 min Scan# 1150

Delta R.T. -0.03 min

Lab File: BF083210.D

Acq: 23 Nov 2015 18:12

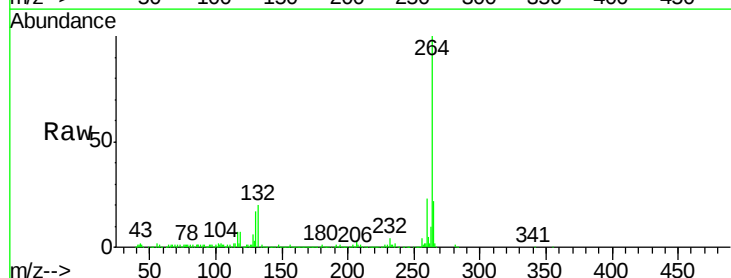
Tgt Ion:264 Resp: 442758

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.6 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

