

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
 Data File : BF083208.D
 Acq On : 23 Nov 2015 17:13
 Operator : UM/IZ
 Sample : G4437-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: Nov 24 05:37:56 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	194122	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	736844	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	339891	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	625044	20.00	ng	-0.02
75) Chrysene-d12	13.77	240	481888	20.00	ng	-0.03
86) Perylene-d12	15.14	264	394006	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1005940	78.34	ng	-0.05
7) Phenol-d6	6.30	99	937311	56.42	ng	-0.05
23) Nitrobenzene-d5	7.21	82	1546234	95.89	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	511445	147.08	ng	-0.02
44) 2-Fluorobiphenyl	9.02	172	2545094	104.42	ng	-0.01
78) Terphenyl-d14	12.74	244	2039903	99.68	ng	-0.02

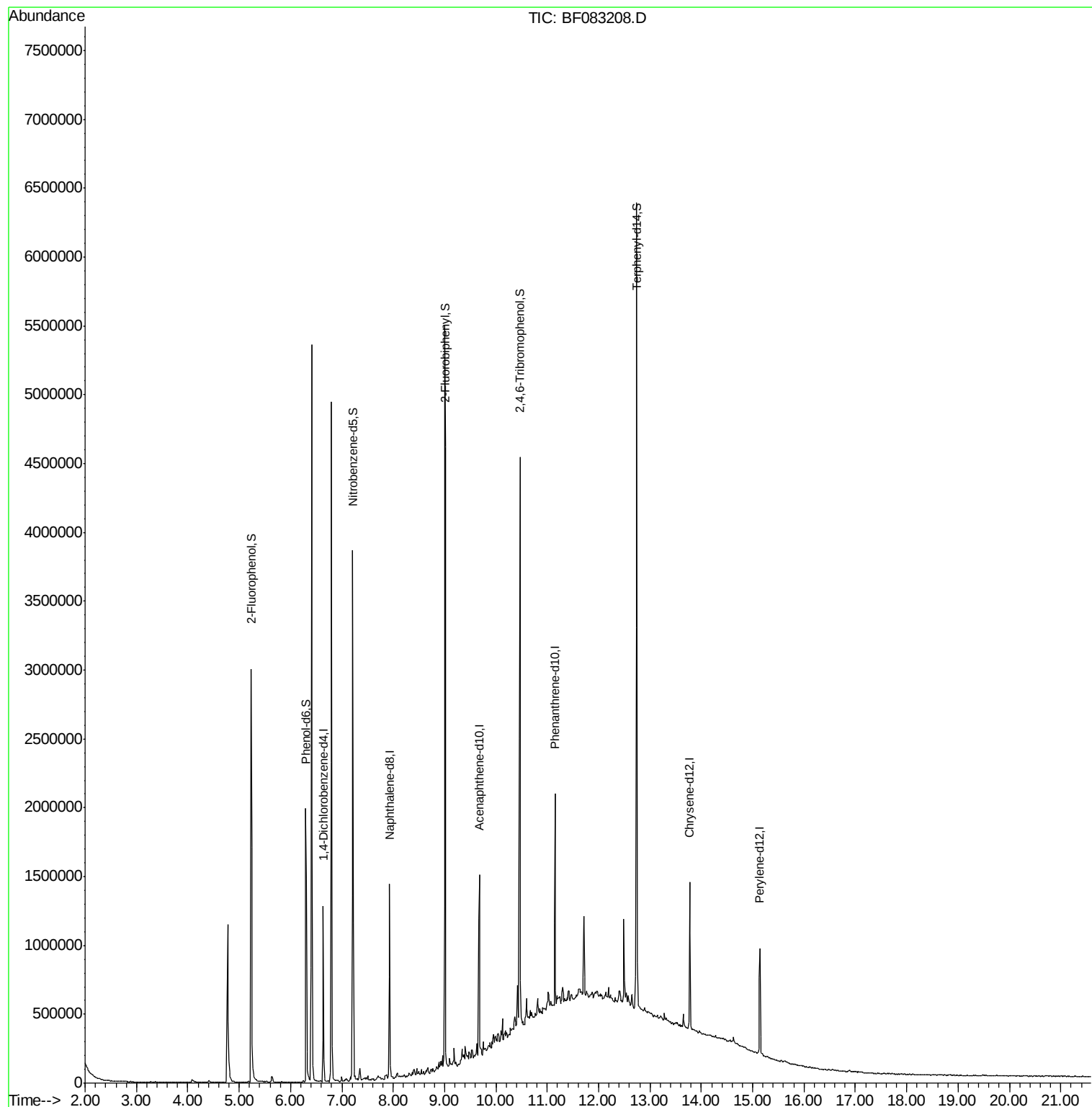
Target Compounds Qvalue

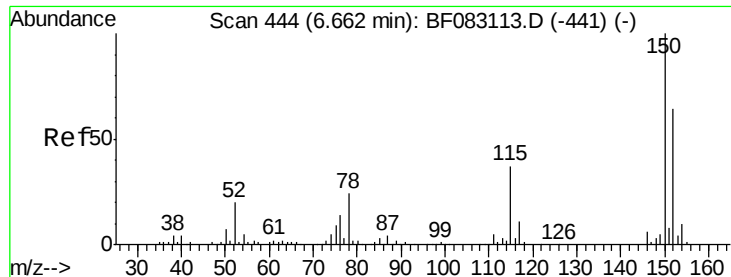
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

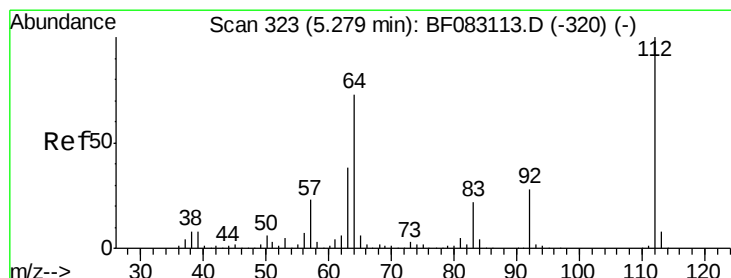
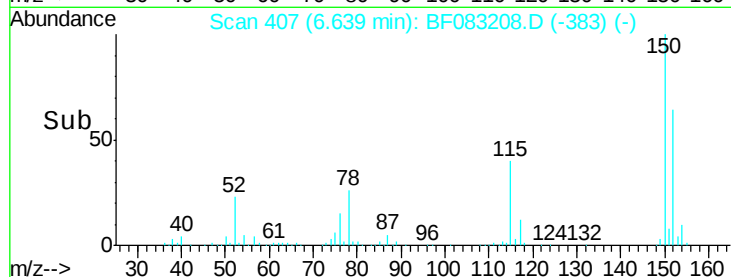
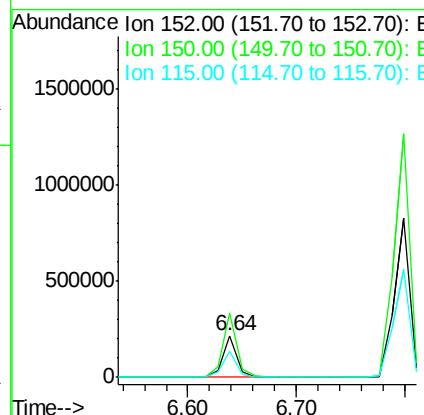
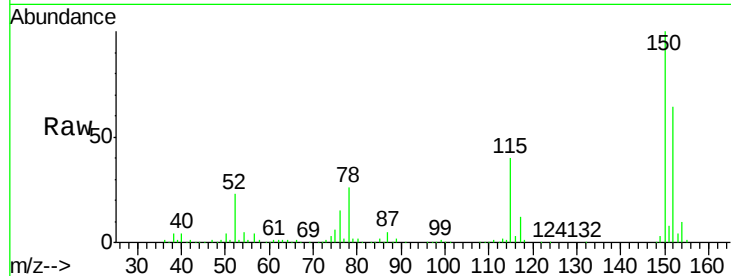




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.64 min Scan# 407
 Delta R.T. -0.02 min
 Lab File: BF083208.D
 Acq: 23 Nov 2015 17:13

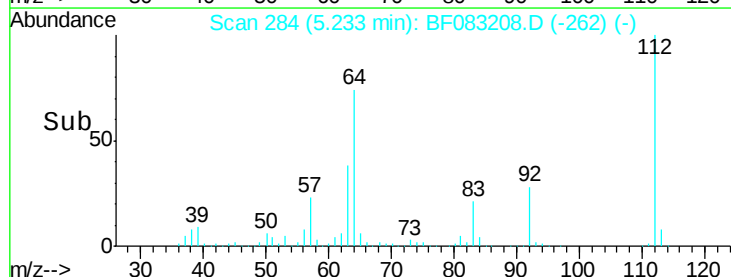
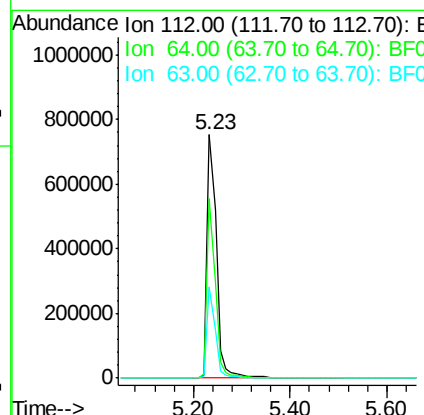
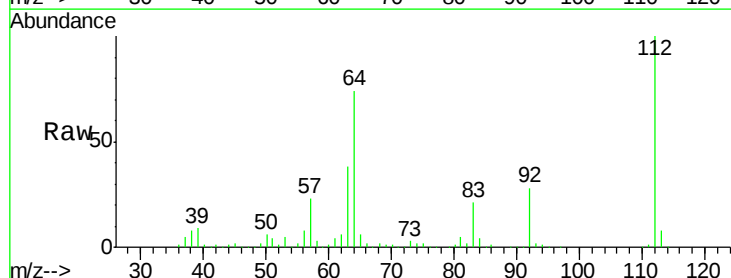
Instrument :
 BNA_F
 ClientSampleId :
 MW-11

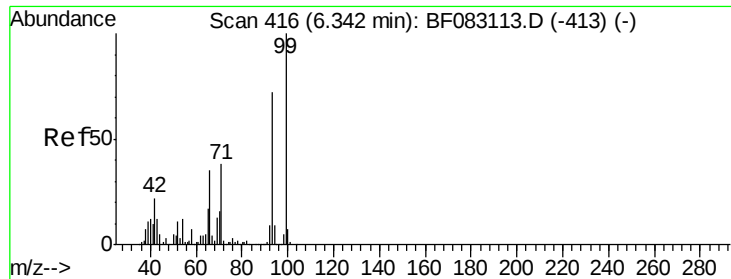
Tot Ion:152 Resp: 194122
 Ion Ratio Lower Upper
 152 100
 150 156.6 125.8 188.8
 115 62.7 46.9 70.3



#5
 2-Fluorophenol
 Concen: 78.34 ng
 RT: 5.23 min Scan# 284
 Delta R.T. -0.05 min
 Lab File: BF083208.D
 Acq: 23 Nov 2015 17:13

Tgt Ion:112 Resp: 1005940
 Ion Ratio Lower Upper
 112 100
 64 73.9 58.4 87.6
 63 37.6 30.0 45.0





#7

Phenol-d6

Concen: 56.42 ng

RT: 6.30 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF083208.D

Acq: 23 Nov 2015 17:13

Instrument :

BNA_F

ClientSampleId :

MW-11

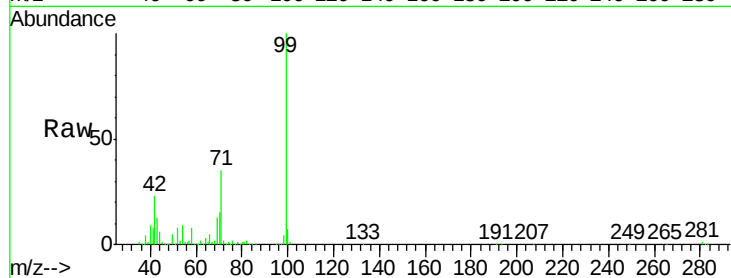
Tot Ion: 99 Resp: 937311

Ion Ratio Lower Upper

99 100

42 23.2 17.7 26.5

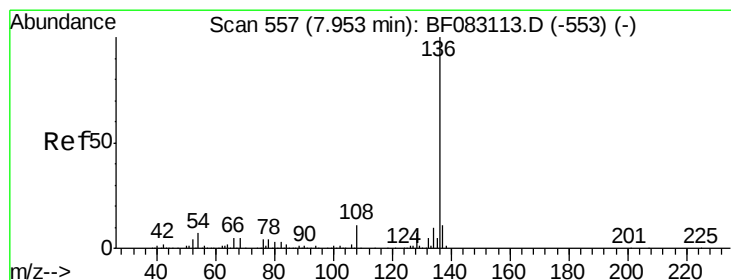
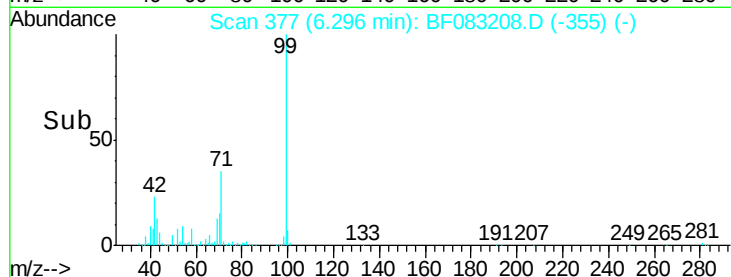
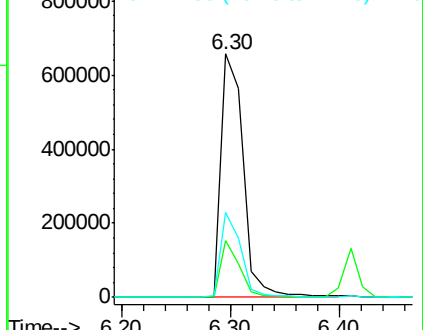
71 35.1 30.2 45.4



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: BF083208.D

Acq: 23 Nov 2015 17:13

Tgt Ion: 136 Resp: 736844

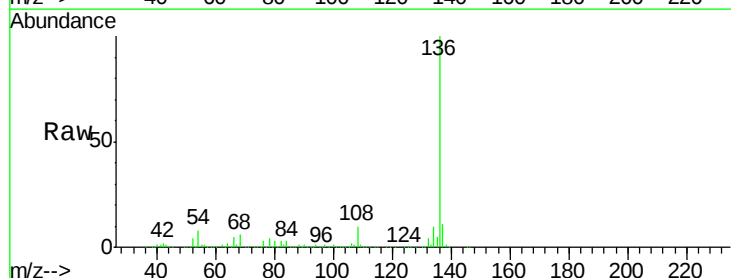
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 8.2 5.8 8.6

68 6.0 3.8 5.8#

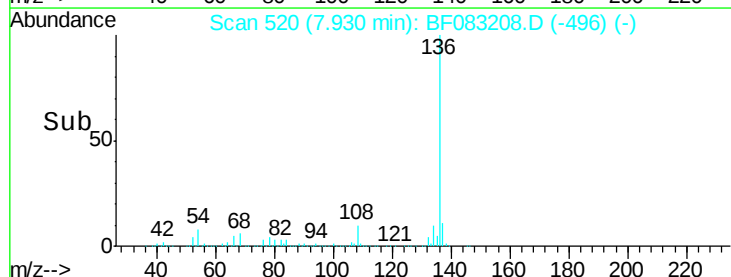
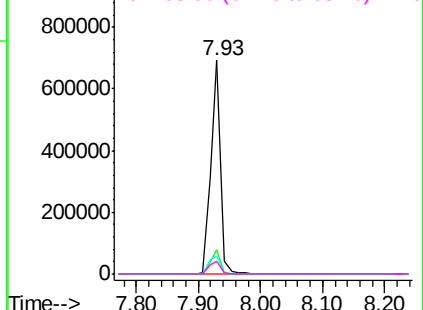


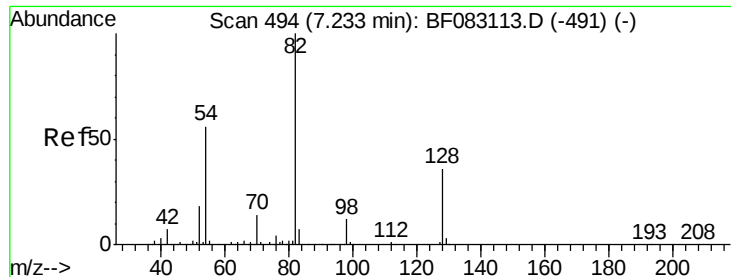
Abundance Ion 136.00 (135.70 to 136.70): E

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

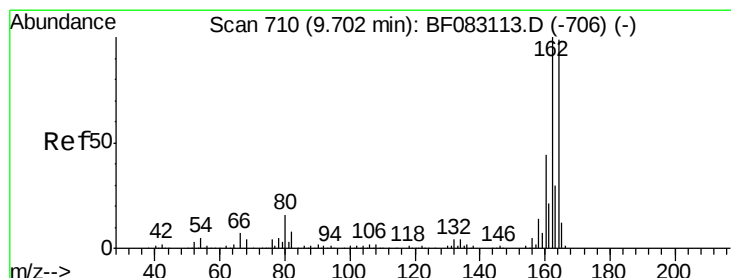
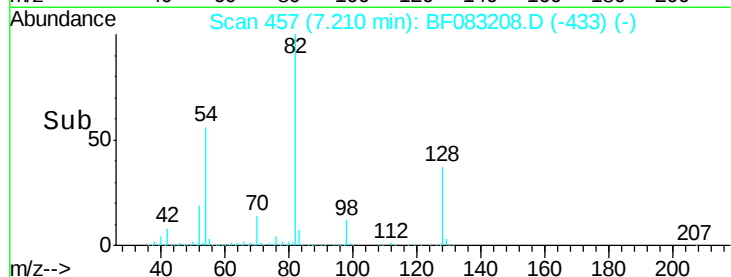
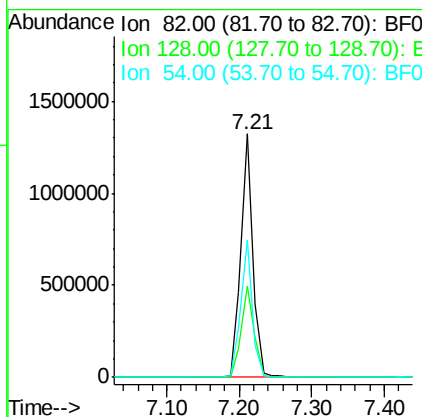
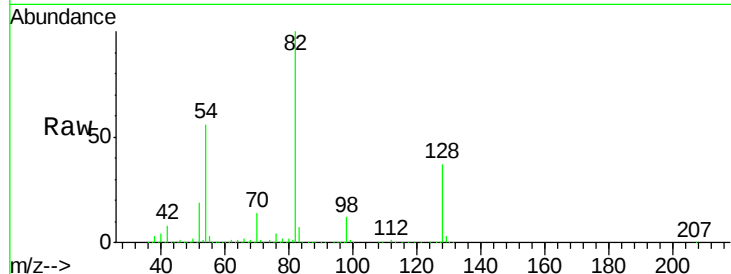




#23
 Nitrobenzene-d5
 Concen: 95.89 ng
 RT: 7.21 min Scan# 457
 Delta R.T. -0.02 min
 Lab File: BF083208.D
 Acq: 23 Nov 2015 17:13

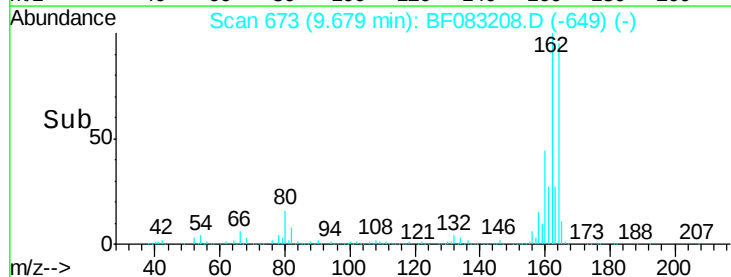
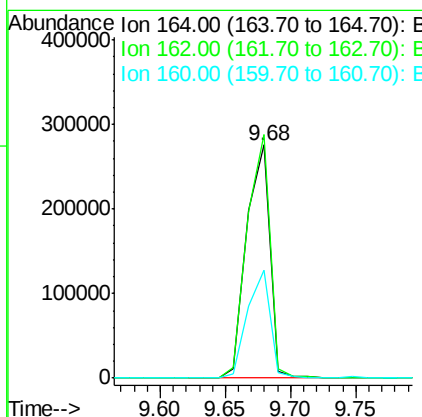
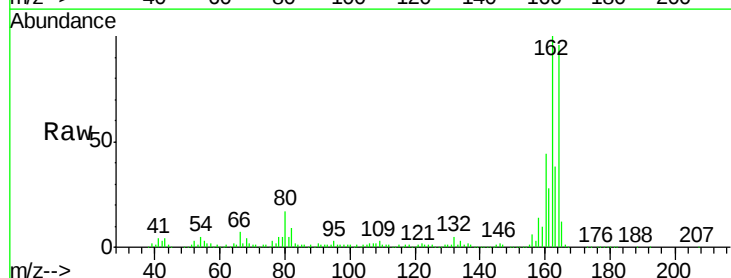
Instrument :
 BNA_F
 ClientSampleId :
 MW-11

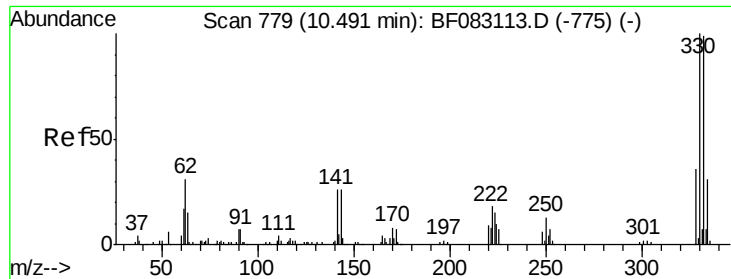
Tot Ion: 82 Resp: 1546234
 Ion Ratio Lower Upper
 82 100
 128 37.4 28.5 42.7
 54 56.4 44.6 67.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 673
 Delta R.T. -0.02 min
 Lab File: BF083208.D
 Acq: 23 Nov 2015 17:13

Tgt Ion: 164 Resp: 339891
 Ion Ratio Lower Upper
 164 100
 162 104.6 81.2 121.8
 160 46.2 35.6 53.4

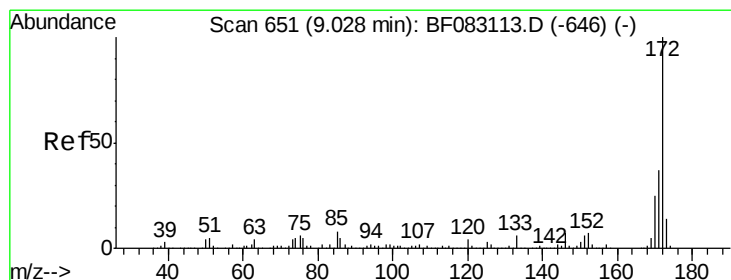
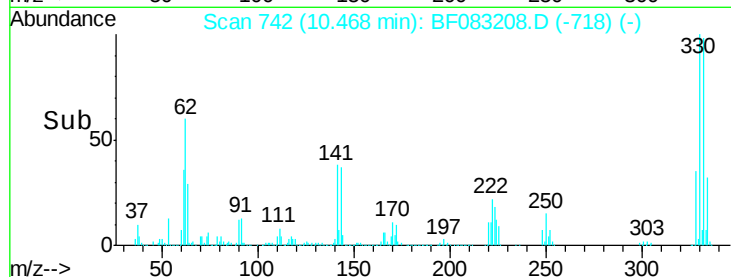
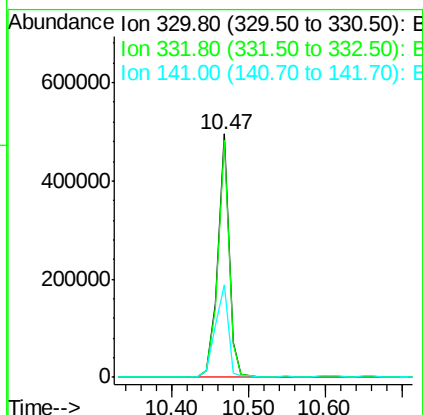
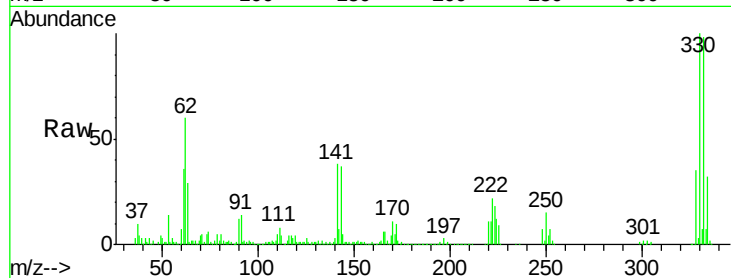




#41
 2,4,6-Tribromophenol
 Concen: 147.08 ng
 RT: 10.47 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF083208.D
 Acq: 23 Nov 2015 17:13

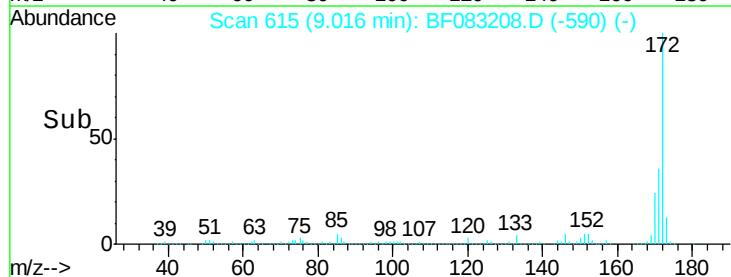
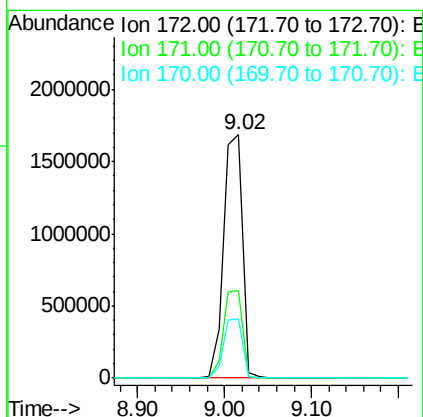
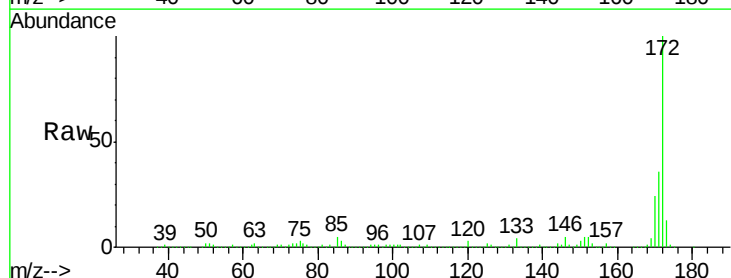
Instrument :
 BNA_F
 ClientSampleId :
 MW-11

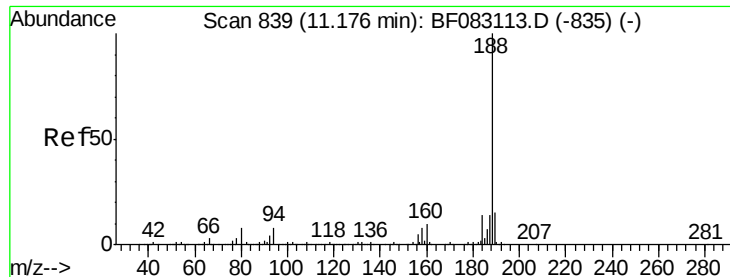
Tot Ion:330 Resp: 511445
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.7 116.5
 141 42.1 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 104.42 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083208.D
 Acq: 23 Nov 2015 17:13

Tgt Ion:172 Resp: 2545094
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.5 44.3
 170 24.5 19.9 29.9

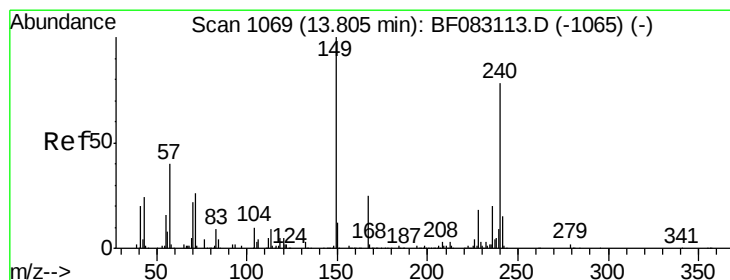
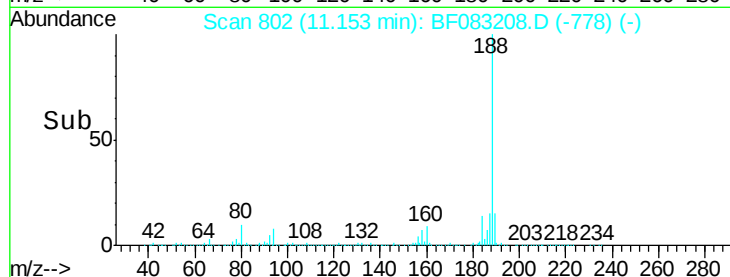
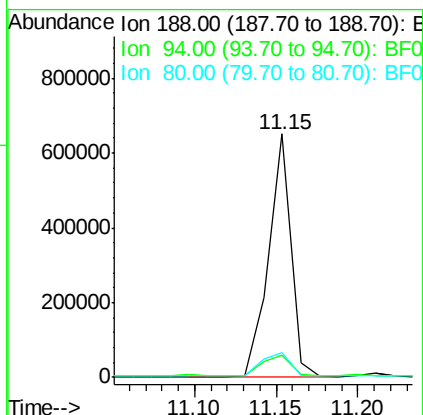
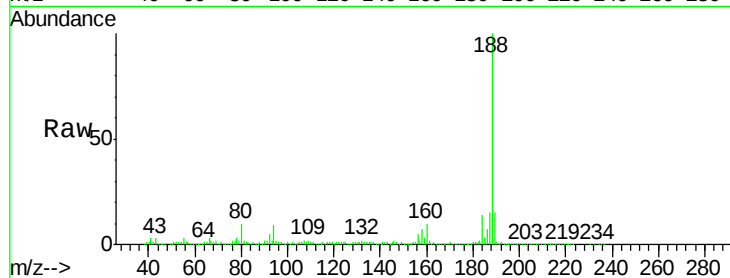




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF083208.D
Acq: 23 Nov 2015 17:13

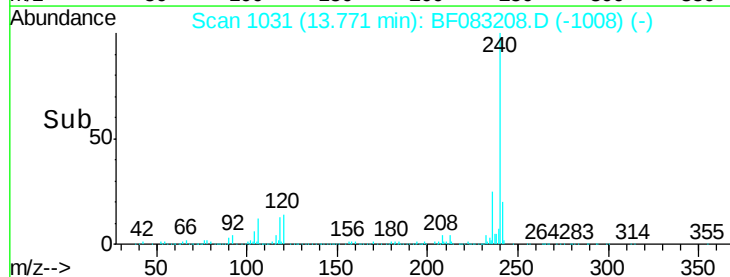
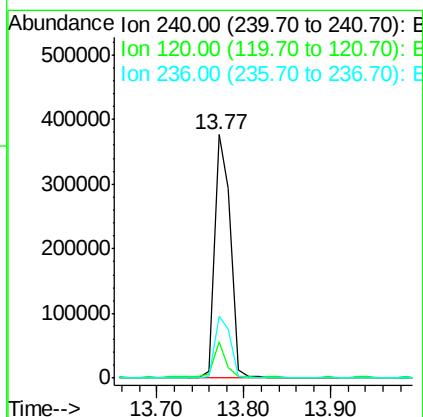
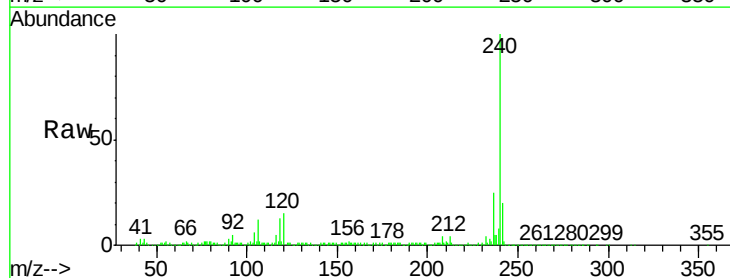
Instrument :
BNA_F
ClientSampleId :
MW-11

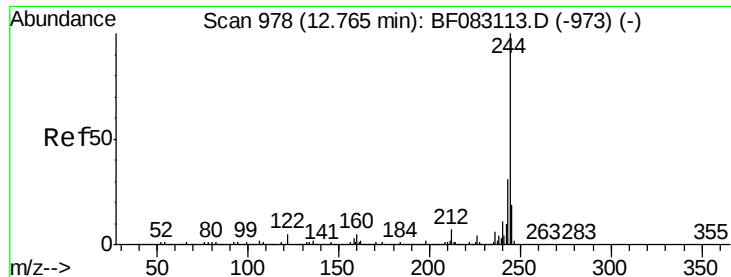
Tot Ion:188 Resp: 625044
Ion Ratio Lower Upper
188 100
94 9.2 6.0 9.0#
80 10.1 6.7 10.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1031
Delta R.T. -0.03 min
Lab File: BF083208.D
Acq: 23 Nov 2015 17:13

Tgt Ion:240 Resp: 481888
Ion Ratio Lower Upper
240 100
120 14.7 5.4 8.2#
236 25.4 20.6 31.0

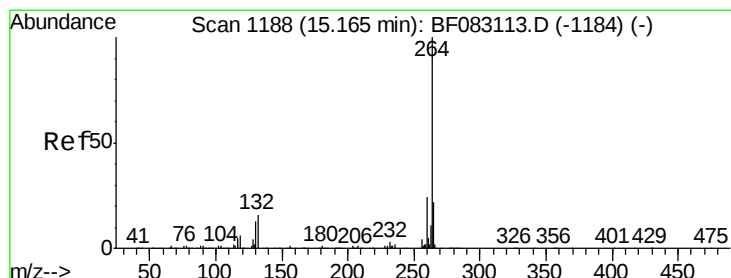
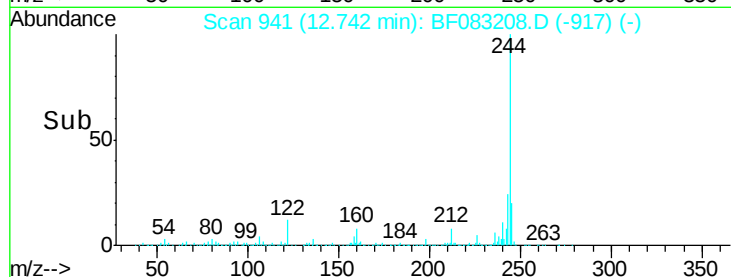
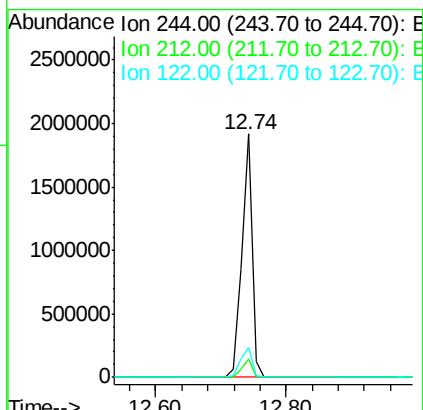
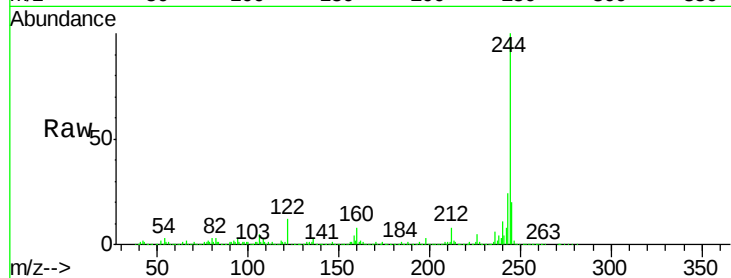




#78
 Terphenyl-d14
 Concen: 99.68 ng
 RT: 12.74 min Scan# 941
 Delta R.T. -0.02 min
 Lab File: BF083208.D
 Acq: 23 Nov 2015 17:13

Instrument :
 BNA_F
 ClientSampled :
 MW-11

Tot Ion:244 Resp: 2039903
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.2
 122 12.0 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF083208.D
 Acq: 23 Nov 2015 17:13

Tgt Ion:264 Resp: 394006
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.1 28.7
 265 21.3 18.2 27.4

