

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
 Data File : BF081743.D
 Acq On : 22 Sep 2015 16:54
 Operator : UM/IZ
 Sample : G3663-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-3

Quant Time: Sep 22 17:49:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:42:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	39218	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	159480	20.00	ng	-0.01
38) Acenaphthene-d10	15.16	164	76026	20.00	ng	-0.01
63) Phenanthrene-d10	18.67	188	152145	20.00	ng	-0.01
75) Chrysene-d12	23.33	240	114178	20.00	ng	0.00
86) Perylene-d12	24.77	264	72002	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	83759	33.14	ng	0.02
7) Phenol-d6	7.58	99	72773	21.75	ng	0.00
23) Nitrobenzene-d5	9.44	82	298461	90.29	ng	-0.01
41) 2,4,6-Tribromophenol	17.07	330	59788	88.32	ng	-0.01
44) 2-Fluorobiphenyl	13.68	172	537312	90.57	ng	-0.01
78) Terphenyl-d14	22.05	244	431889	88.05	ng	0.00

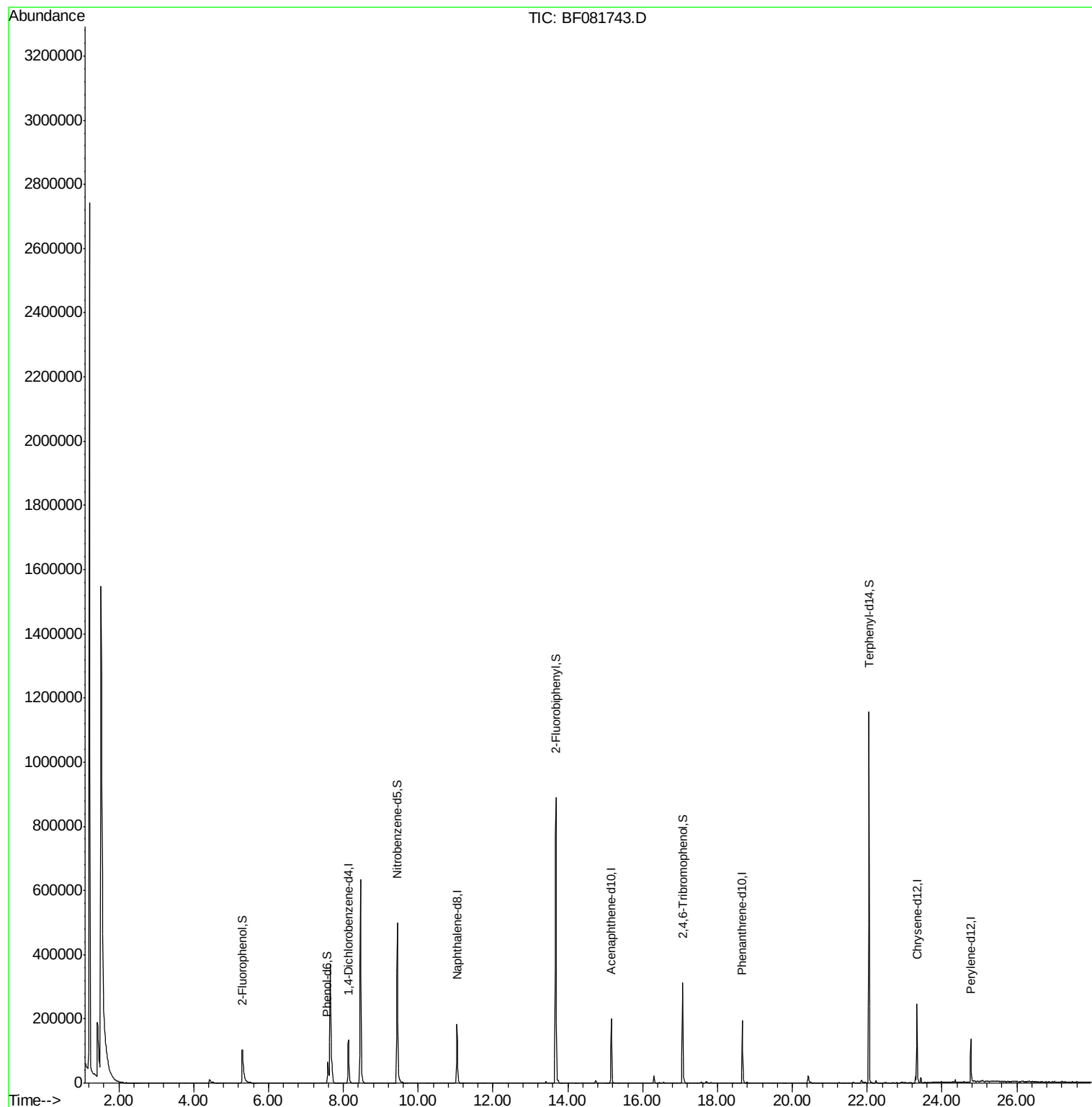
Target Compounds Qvalue

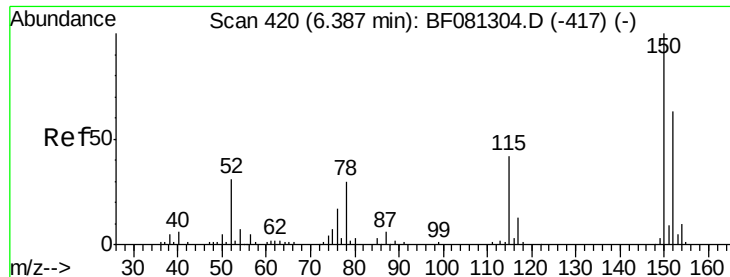
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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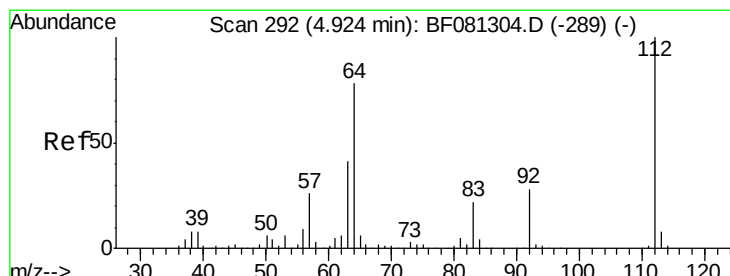
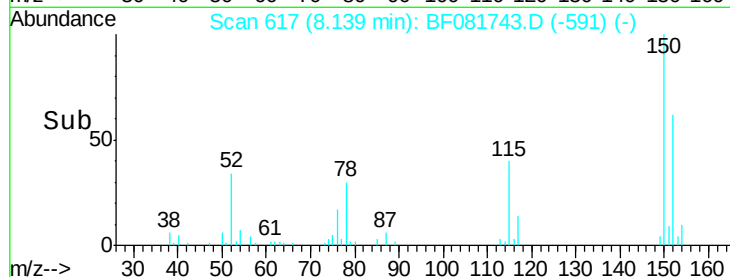
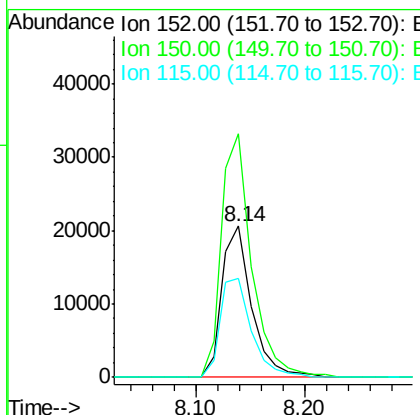
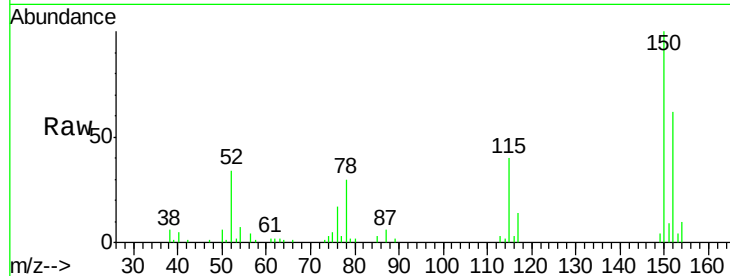


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF081743.D
 Acq: 22 Sep 2015 16:54

Instrument :
 BNA_F
 ClientSampleId :
 GW-3

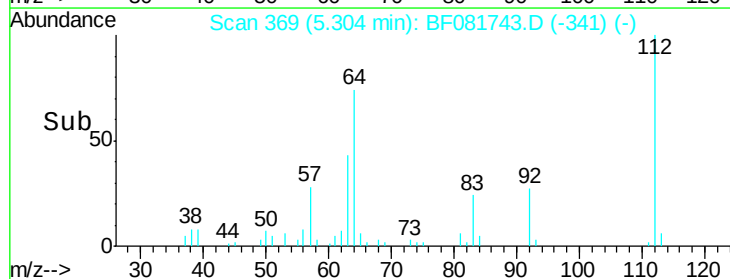
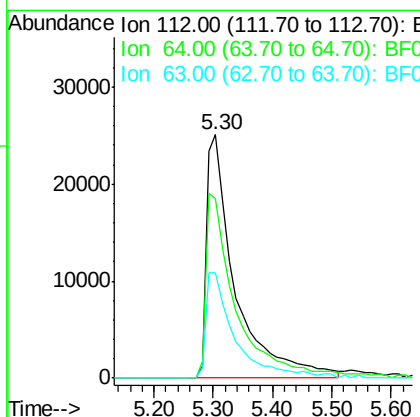
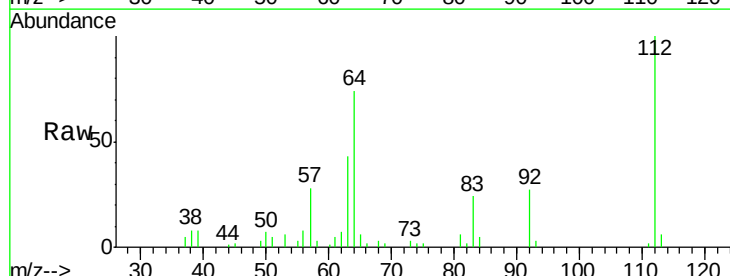
Tot Ion:152 Resp: 39218
 Ion Ratio Lower Upper
 152 100
 150 161.4 124.7 187.1
 115 65.3 39.0 58.4#

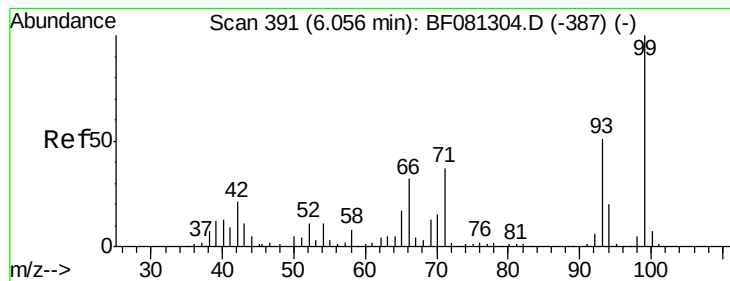


#5

2-Fluorophenol
 Concen: 33.14 ng
 RT: 5.30 min Scan# 369
 Delta R.T. 0.02 min
 Lab File: BF081743.D
 Acq: 22 Sep 2015 16:54

Tgt Ion:112 Resp: 83759
 Ion Ratio Lower Upper
 112 100
 64 73.7 39.7 59.5#
 63 43.5 17.4 26.0#





#7

Phenol-d6

Concen: 21.75 ng

RT: 7.58 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF081743.D

Acq: 22 Sep 2015 16:54

Instrument :

BNA_F

ClientSampled :

GW-3

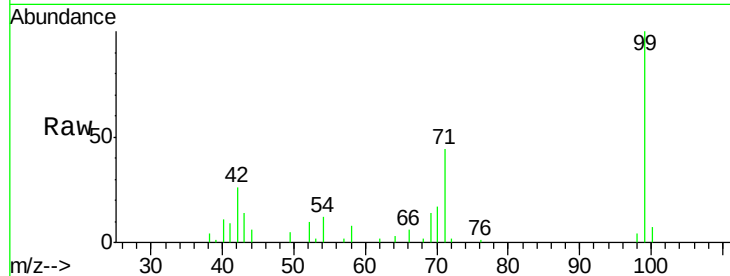
Tot Ion: 99 Resp: 72773

Ion Ratio Lower Upper

99 100

42 25.7 13.7 20.5#

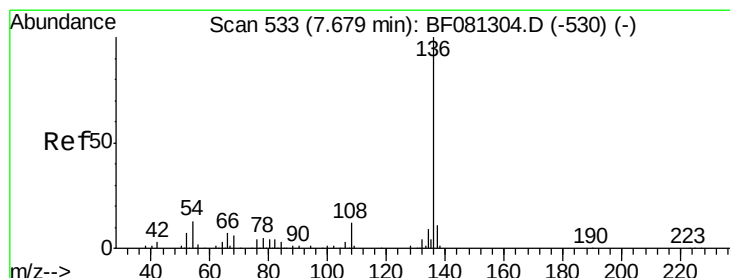
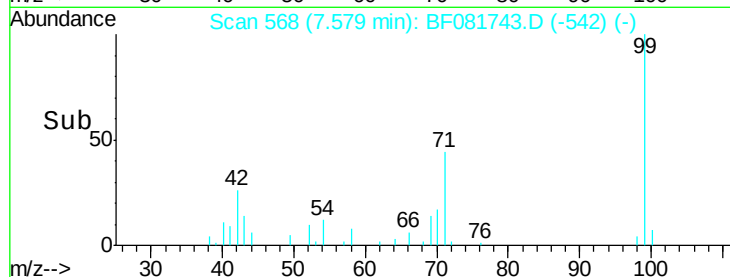
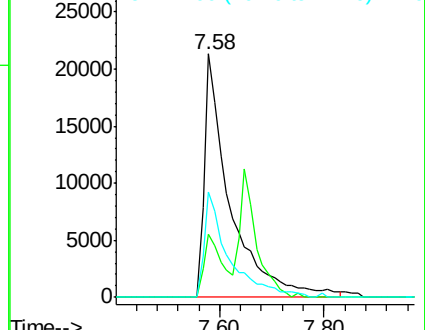
71 43.5 14.2 21.2#



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: 11.03 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF081743.D

Acq: 22 Sep 2015 16:54

Tgt Ion: 136 Resp: 159480

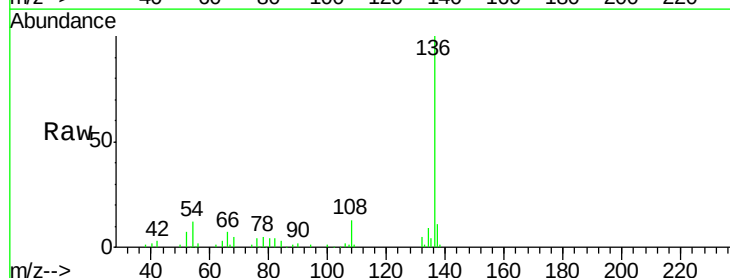
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 11.8 8.2 12.2

68 4.9 5.8 8.6#

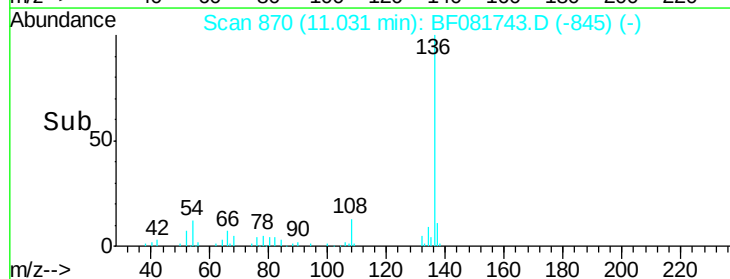
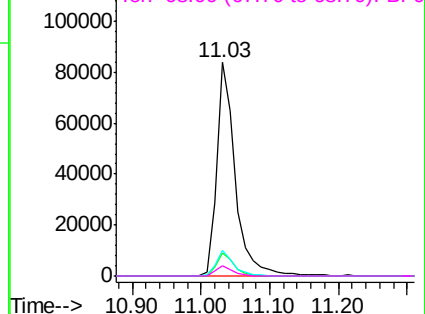


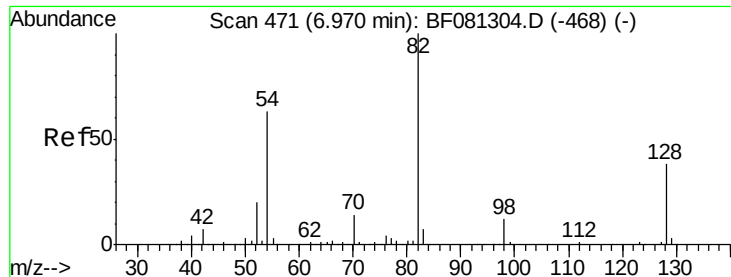
Abundance Ion 136.00 (135.70 to 136.70): E

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

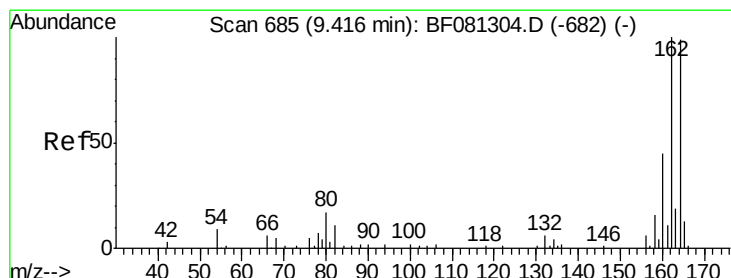
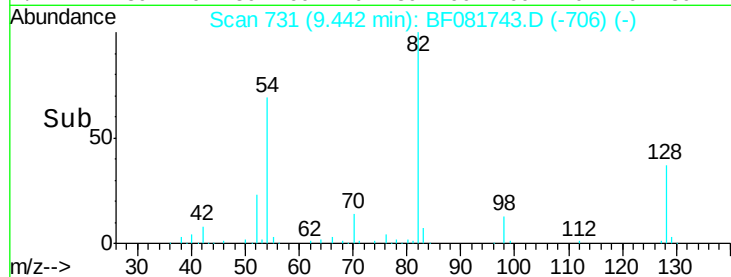
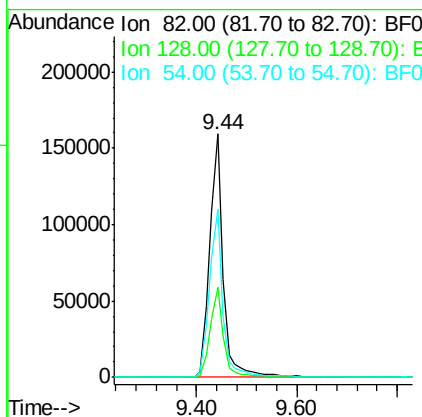
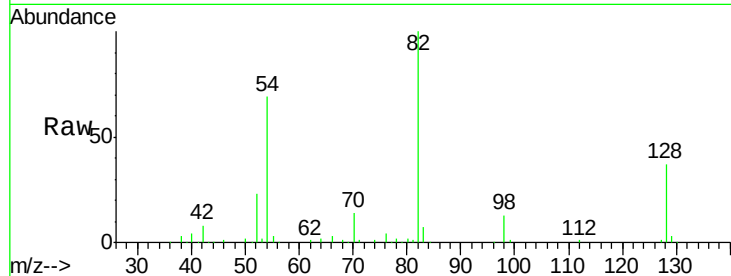




#23
 Nitrobenzene-d5
 Concen: 90.29 ng
 RT: 9.44 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF081743.D
 Acq: 22 Sep 2015 16:54

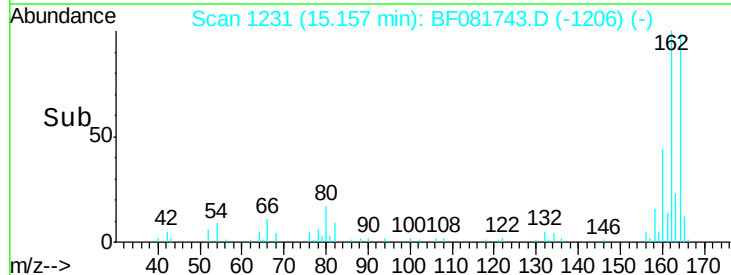
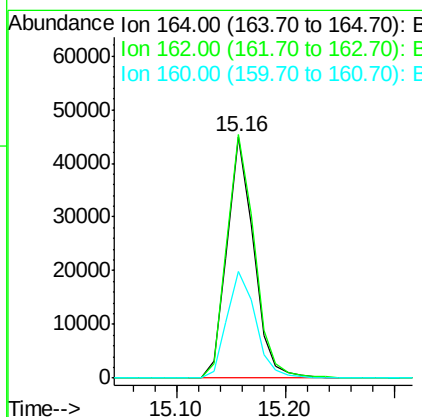
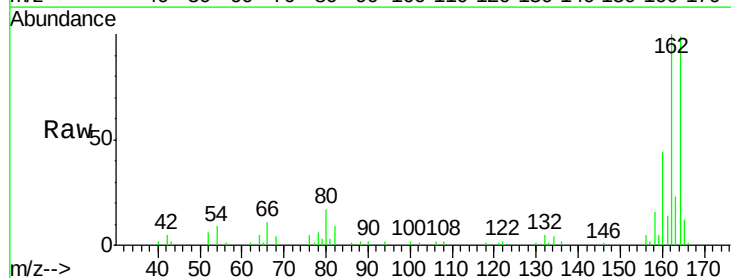
Instrument :
 BNA_F
 ClientSampled :
 GW-3

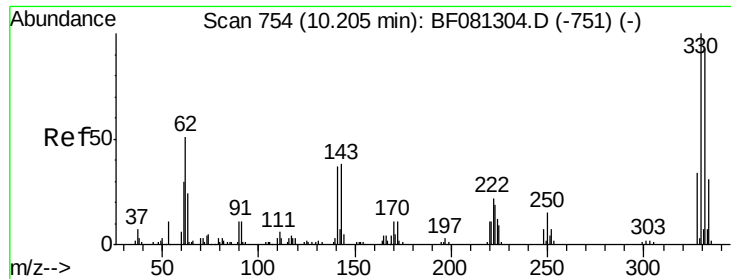
Tot Ion: 82 Resp: 298461
 Ion Ratio Lower Upper
 82 100
 128 36.8 51.0 76.6#
 54 69.1 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF081743.D
 Acq: 22 Sep 2015 16:54

Tgt Ion:164 Resp: 76026
 Ion Ratio Lower Upper
 164 100
 162 100.9 75.2 112.8
 160 44.1 31.5 47.3

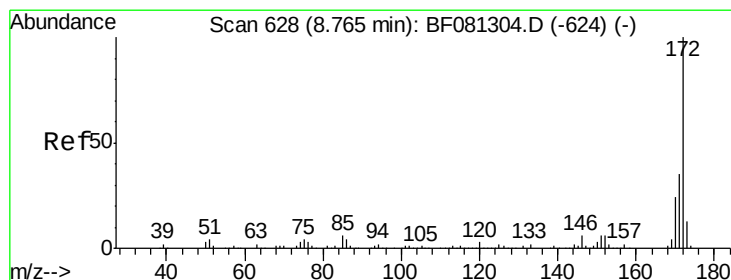
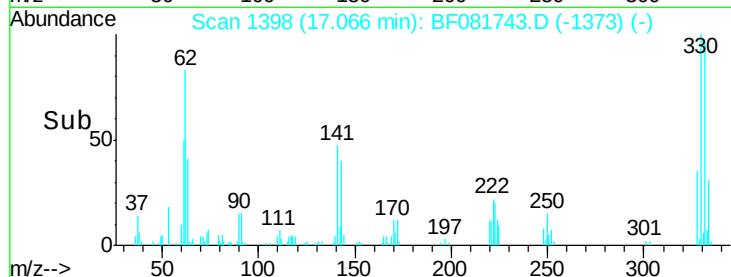
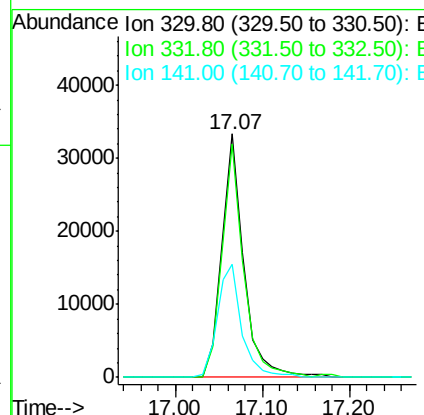
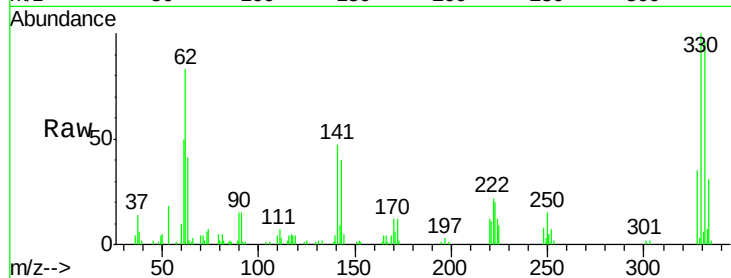




#41
 2,4,6-Tribromophenol
 Concen: 88.32 ng
 RT: 17.07 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF081743.D
 Acq: 22 Sep 2015 16:54

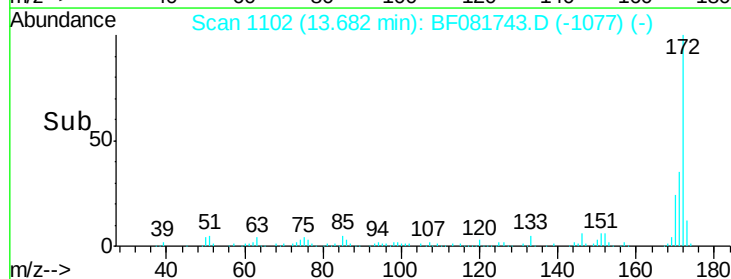
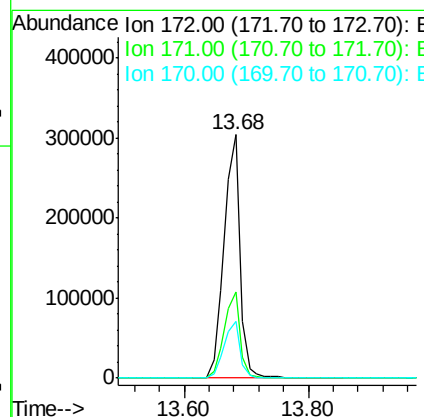
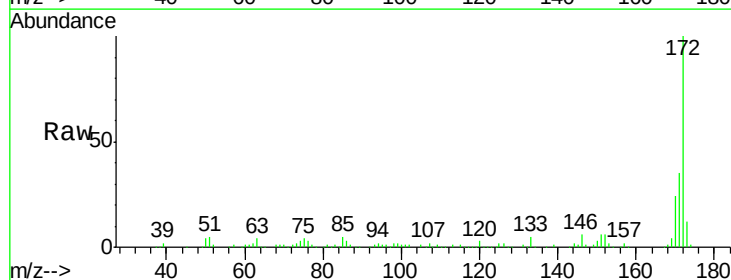
Instrument :
 BNA_F
 ClientSampleId :
 GW-3

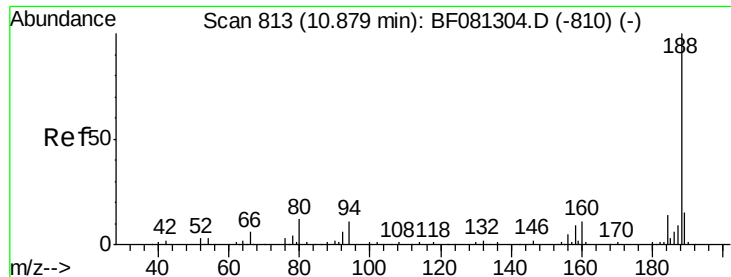
Tot Ion:330 Resp: 59788
 Ion Ratio Lower Upper
 330 100
 332 94.0 76.6 114.8
 141 50.7 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 90.57 ng
 RT: 13.68 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF081743.D
 Acq: 22 Sep 2015 16:54

Tgt Ion:172 Resp: 537312
 Ion Ratio Lower Upper
 172 100
 171 35.2 26.1 39.1
 170 23.6 17.4 26.2

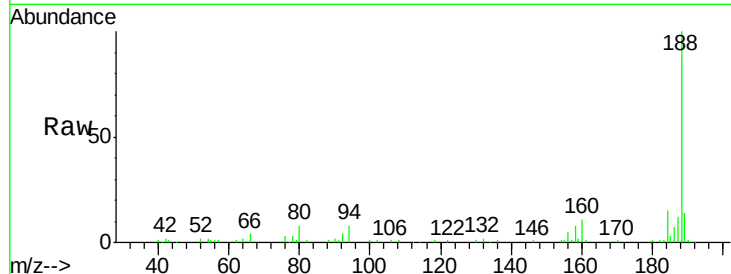




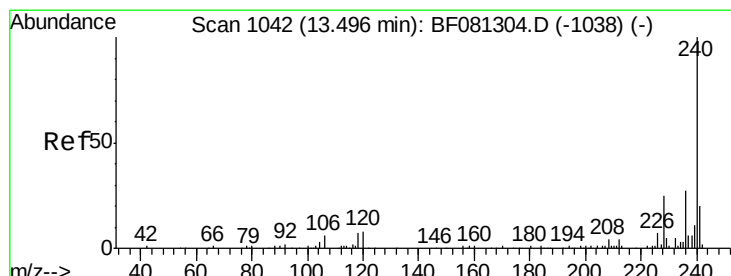
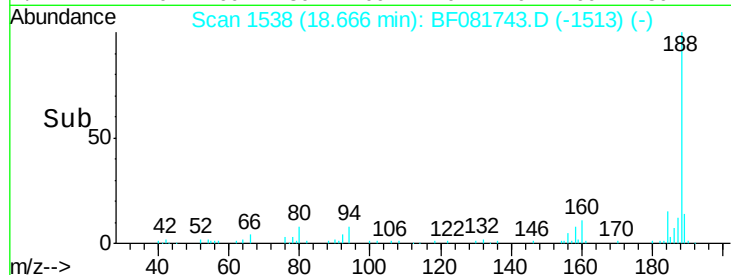
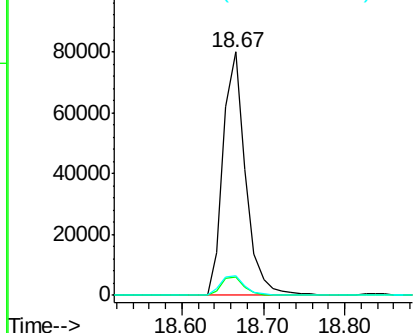
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.67 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BF081743.D
Acq: 22 Sep 2015 16:54

Instrument :
BNA_F
ClientSampled :
GW-3

Tot Ion:188 Resp: 152145
Ion Ratio Lower Upper
188 100
94 7.6 11.1 16.7#
80 7.9 11.0 16.4#

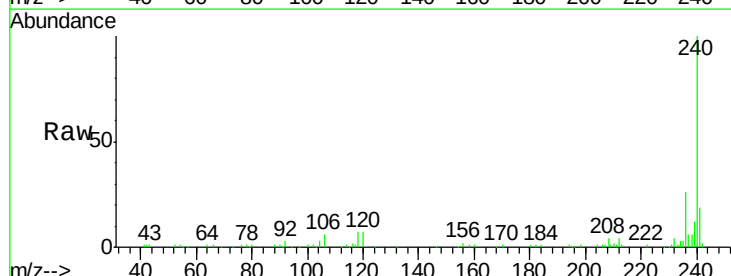


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

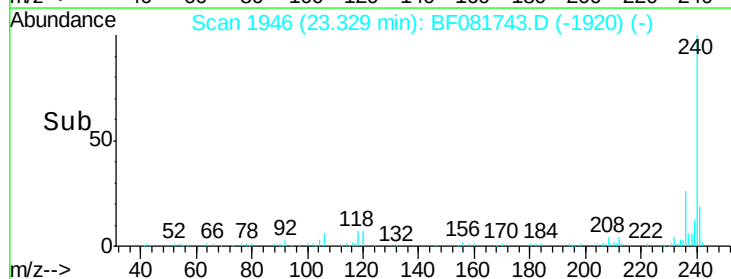
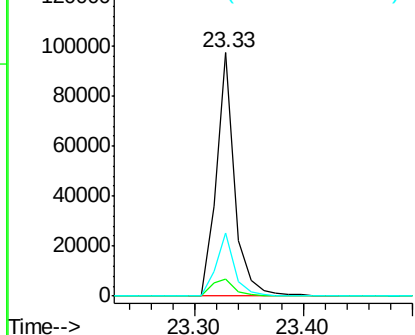


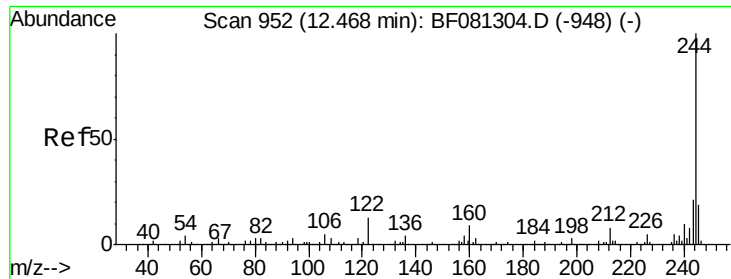
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.33 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BF081743.D
Acq: 22 Sep 2015 16:54

Tgt Ion:240 Resp: 114178
Ion Ratio Lower Upper
240 100
120 7.1 16.2 24.2#
236 25.7 18.4 27.6



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

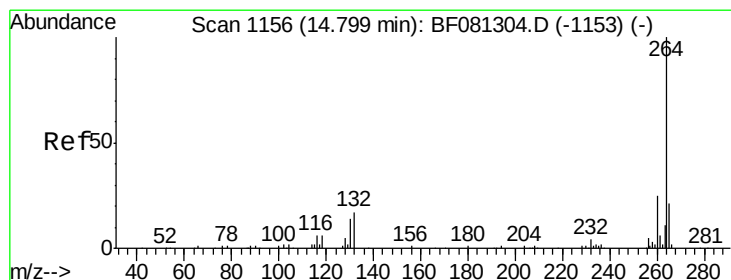
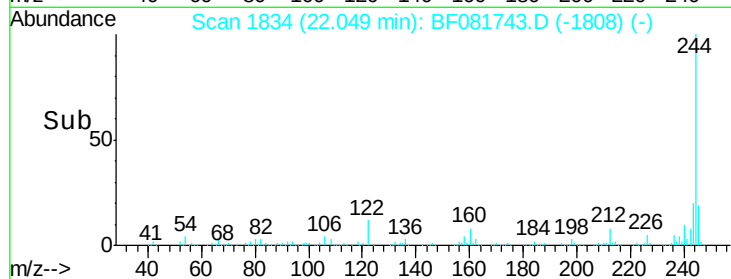
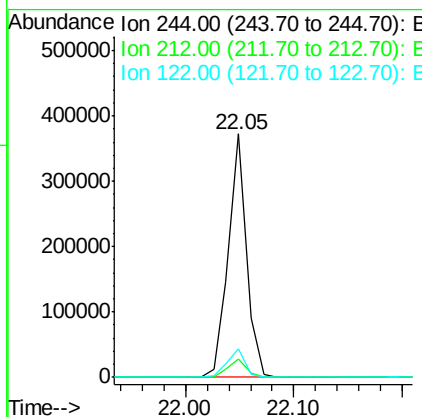
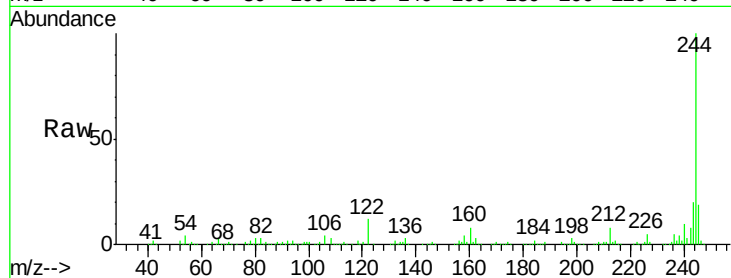




#78
 Terphenyl-d14
 Concen: 88.05 ng
 RT: 22.05 min Scan# 1834
 Delta R.T. 0.00 min
 Lab File: BF081743.D
 Acq: 22 Sep 2015 16:54

Instrument :
 BNA_F
 ClientSampleId :
 GW-3

Tot Ion:244 Resp: 431889
 Ion Ratio Lower Upper
 244 100
 212 7.7 4.3 6.5#
 122 11.5 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.77 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: BF081743.D
 Acq: 22 Sep 2015 16:54

Tgt Ion:264 Resp: 72002
 Ion Ratio Lower Upper
 264 100
 260 24.6 16.7 25.1
 265 21.2 17.2 25.8

