

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080415\
 Data File : BF080868.D
 Acq On : 5 Aug 2015 7:36
 Operator : TP/UM
 Sample : G3170-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Quant Time: Aug 05 08:08:14 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 05 01:46:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	85247	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	323725	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	140063	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	233190	20.00	ng	0.00
75) Chrysene-d12	13.96	240	143921	20.00	ng	0.00
86) Perylene-d12	15.37	264	99332	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	249813	44.35	ng	0.00
7) Phenol-d6	6.44	99	180767	24.55	ng	-0.01
23) Nitrobenzene-d5	7.39	82	446171	64.95	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	114401	84.70	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	693750	66.70	ng	0.00
78) Terphenyl-d14	12.92	244	455574	57.29	ng	0.00

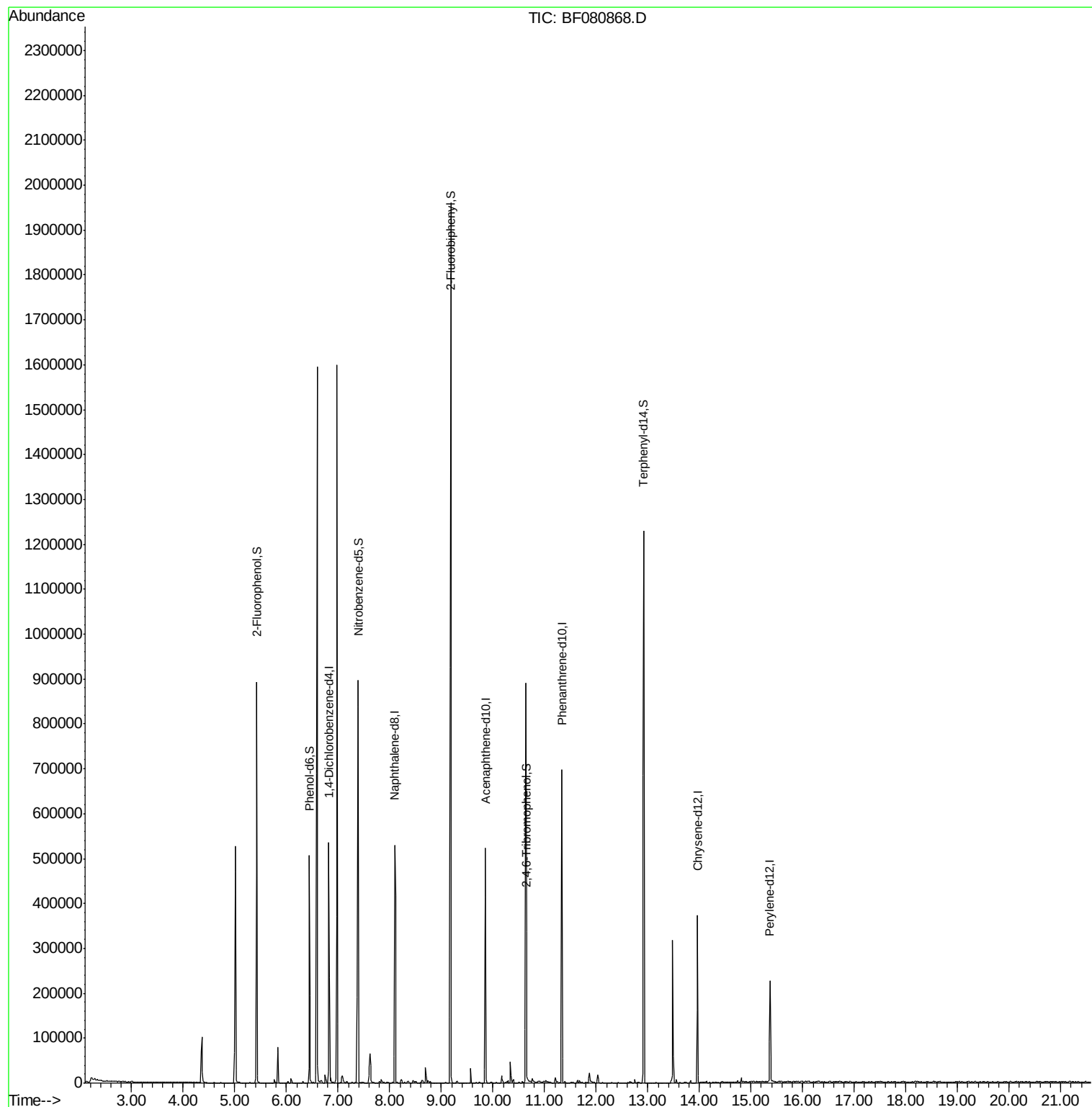
Target Compounds	Qvalue
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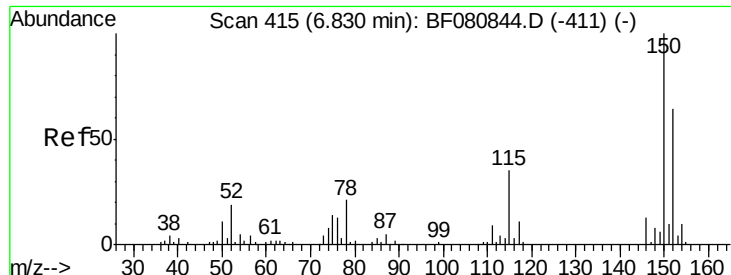
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF080868.D

Acq: 5 Aug 2015 7:36

Instrument :

BNA_F

ClientSampleId :

MW-5

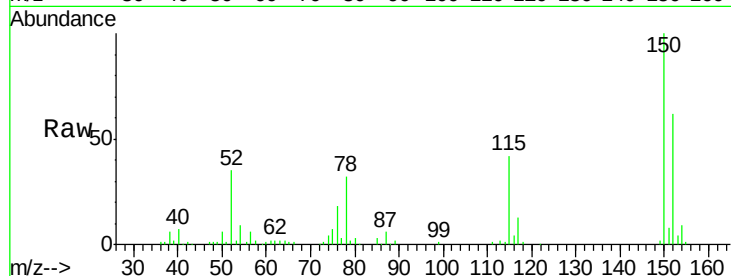
Tgt Ion:152 Resp: 85247

Ion Ratio Lower Upper

152 100

150 161.7 124.6 187.0

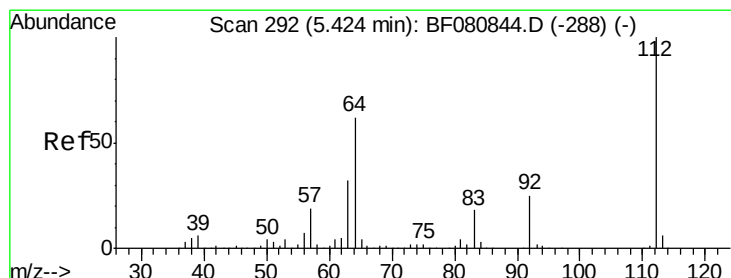
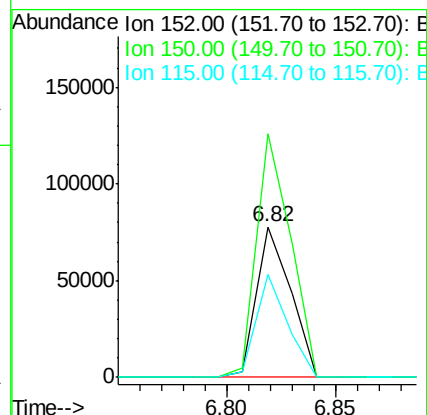
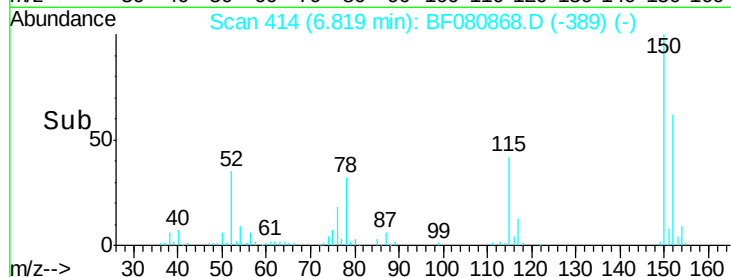
115 68.7 44.2 66.4#



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: 44.35 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.00 min

Lab File: BF080868.D

Acq: 5 Aug 2015 7:36

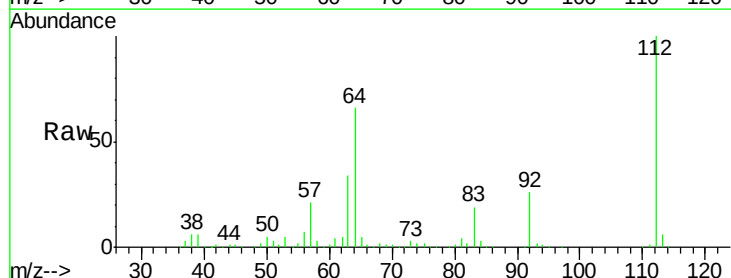
Tgt Ion:112 Resp: 249813

Ion Ratio Lower Upper

112 100

64 66.4 49.5 74.3

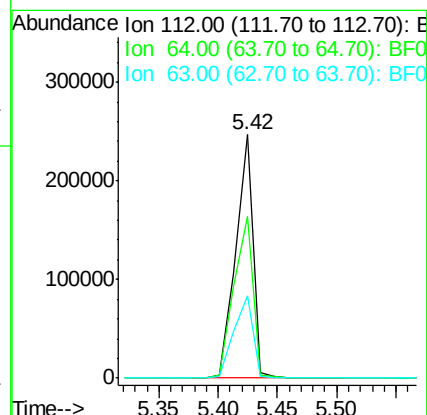
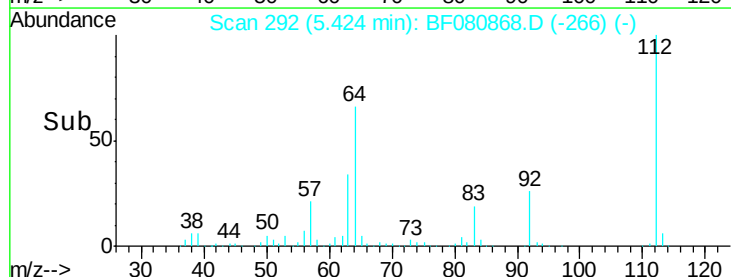
63 33.8 25.3 37.9

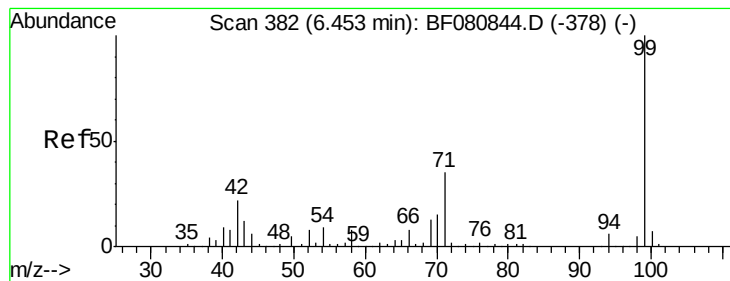


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 24.55 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF080868.D

Acq: 5 Aug 2015 7:36

Instrument :

BNA_F

ClientSampleId :

MW-5

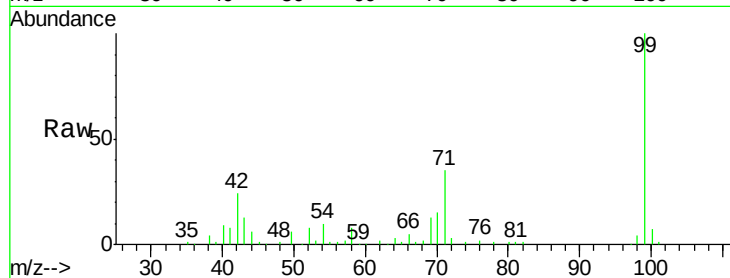
Tgt Ion: 99 Resp: 180767

Ion Ratio Lower Upper

99 100

42 23.6 17.9 26.9

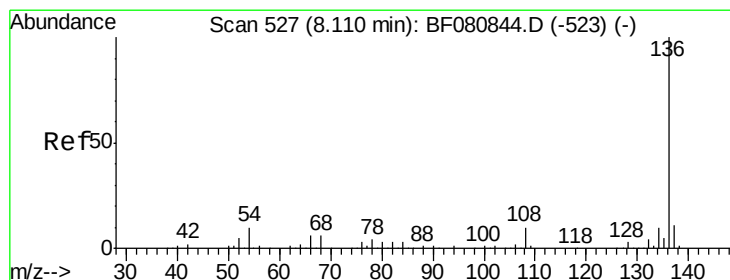
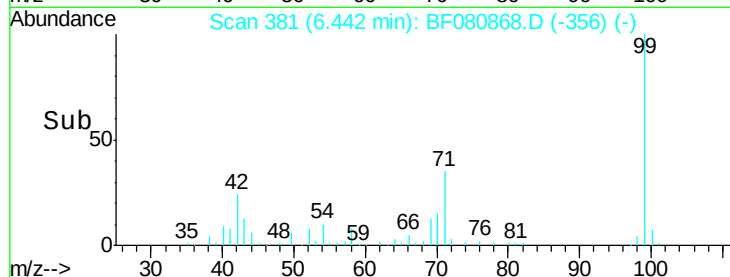
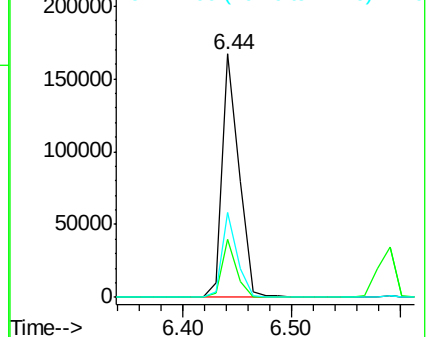
71 34.8 28.2 42.4



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: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF080868.D

Acq: 5 Aug 2015 7:36

Tgt Ion: 136 Resp: 323725

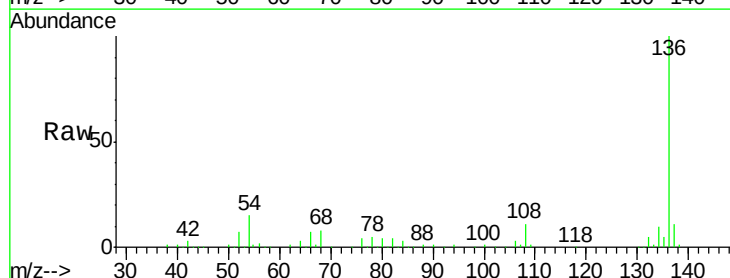
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 14.6 8.3 12.5#

68 7.9 4.8 7.2#

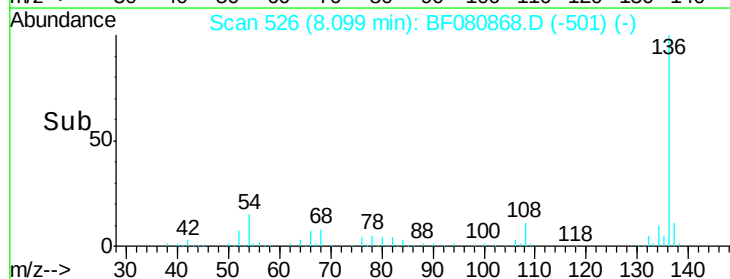
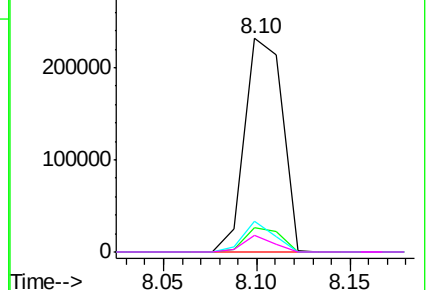


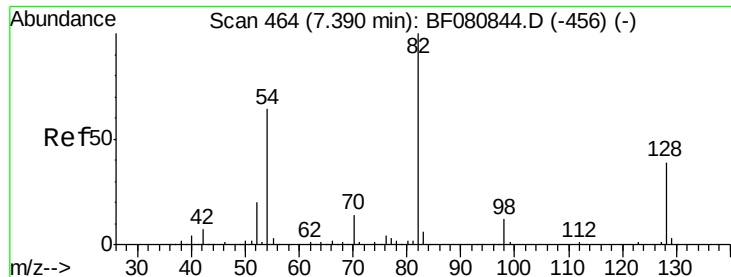
Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.95 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF080868.D

Acq: 5 Aug 2015 7:36

Instrument :

BNA_F

ClientSampleId :

MW-5

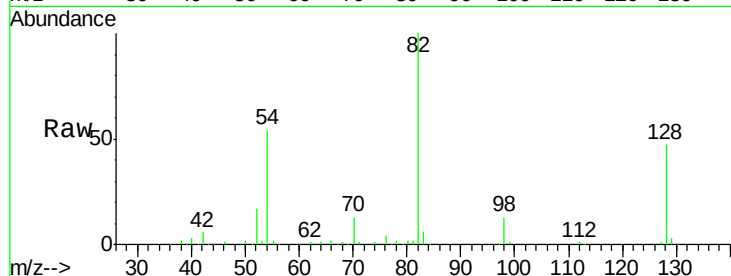
Tgt Ion: 82 Resp: 446171

Ion Ratio Lower Upper

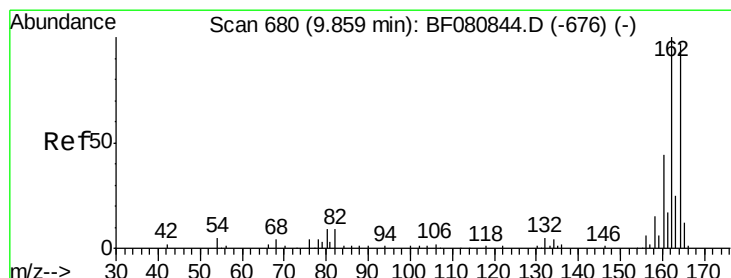
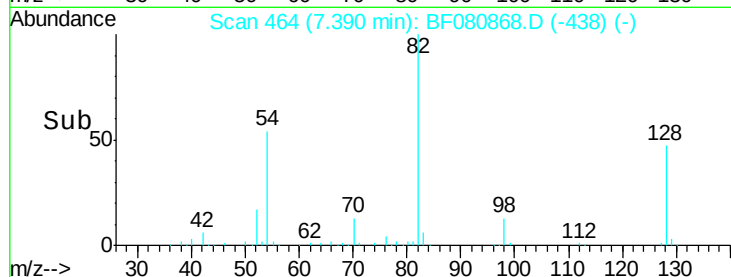
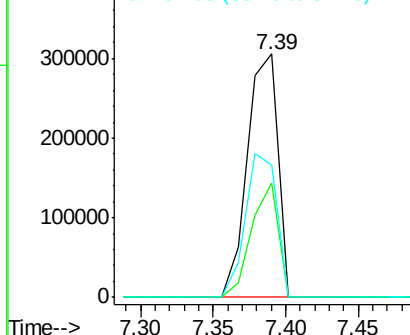
82 100

128 46.8 31.0 46.4#

54 54.2 51.0 76.6



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF080868.D

Acq: 5 Aug 2015 7:36

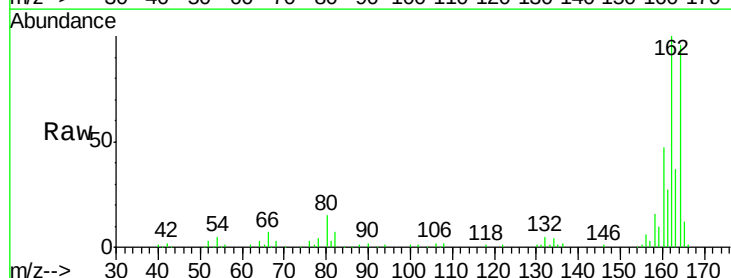
Tgt Ion: 164 Resp: 140063

Ion Ratio Lower Upper

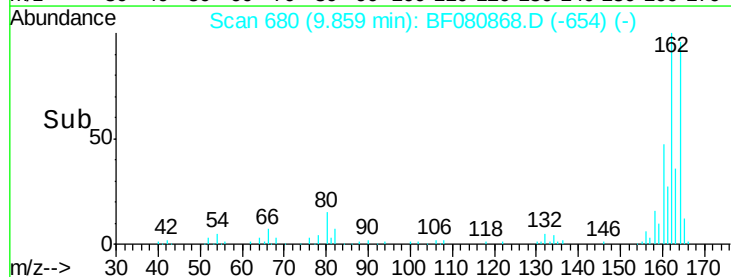
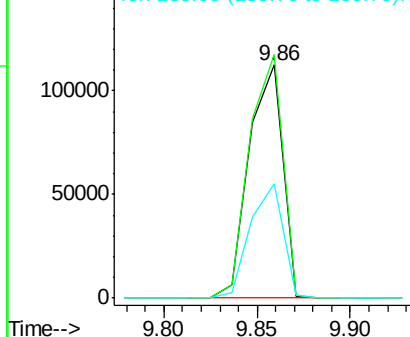
164 100

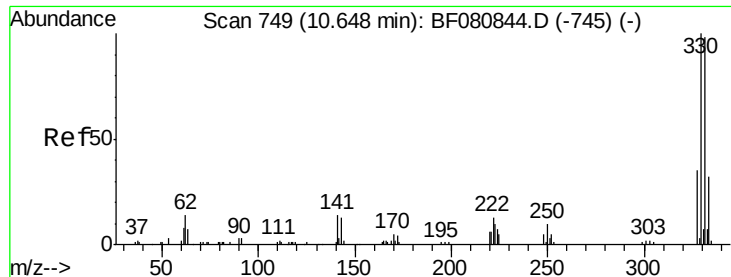
162 104.5 82.9 124.3

160 49.3 36.6 54.8



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

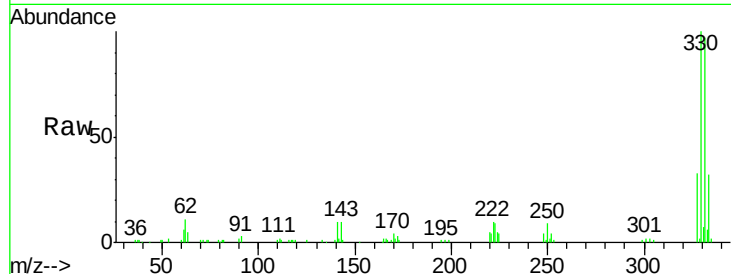




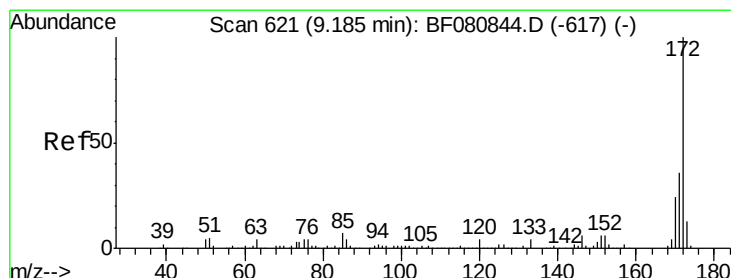
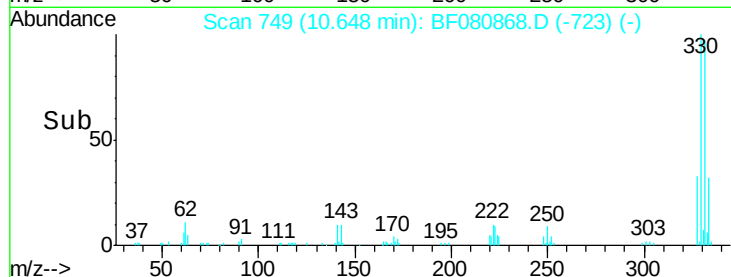
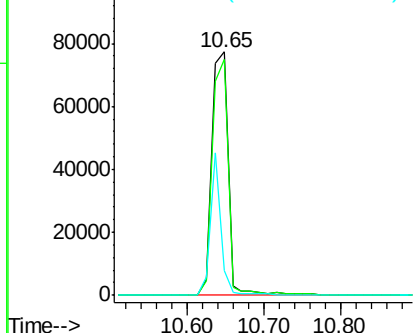
#41
 2,4,6-Tribromophenol
 Concen: 84.70 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF080868.D
 Acq: 5 Aug 2015 7:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tgt Ion:330 Resp: 114401
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.8 116.8
 141 37.2 28.4 42.6

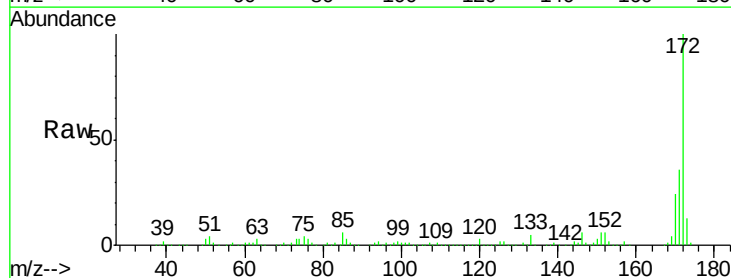


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

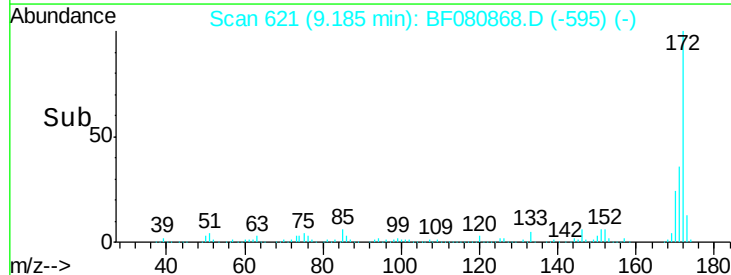
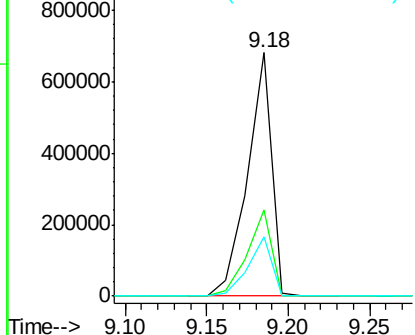


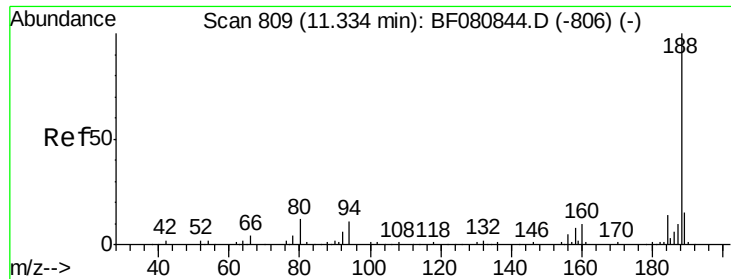
#44
 2-Fluorobiphenyl
 Concen: 66.70 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF080868.D
 Acq: 5 Aug 2015 7:36

Tgt Ion:172 Resp: 693750
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.9 43.3
 170 24.4 19.4 29.2



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

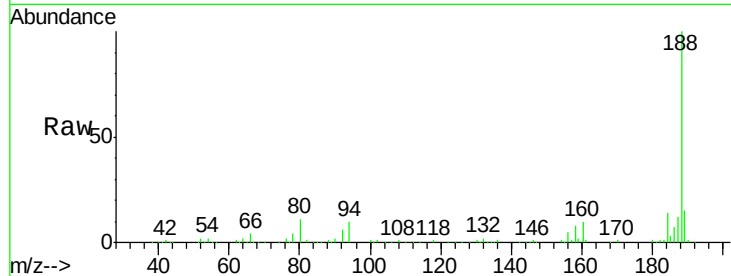




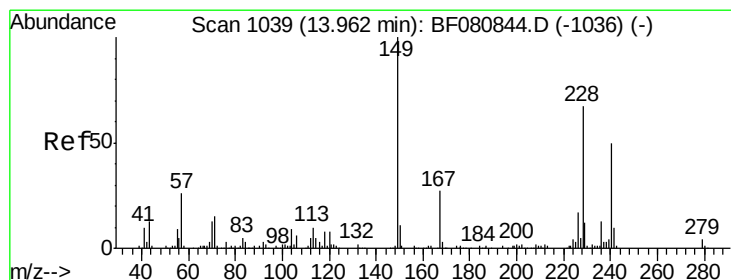
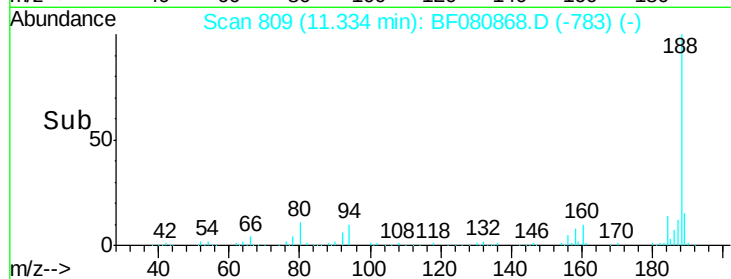
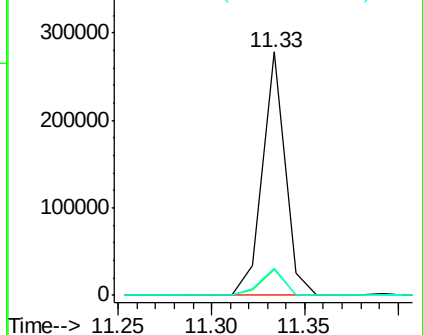
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF080868.D
Acq: 5 Aug 2015 7:36

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion:188 Resp: 233190
Ion Ratio Lower Upper
188 100
94 10.5 8.6 12.8
80 11.4 9.3 13.9

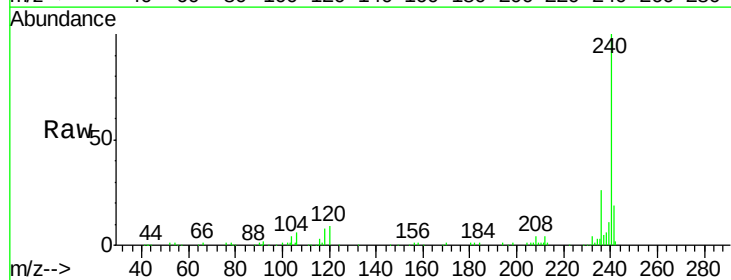


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

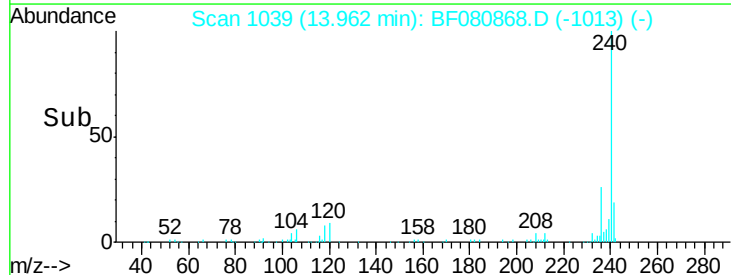
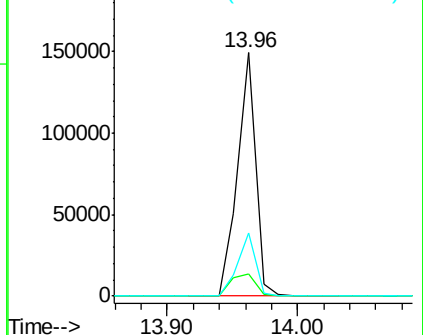


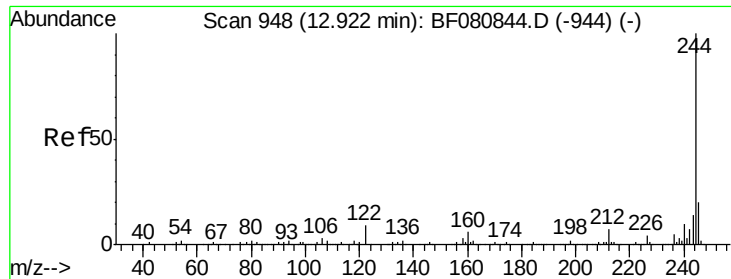
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF080868.D
Acq: 5 Aug 2015 7:36

Tgt Ion:240 Resp: 143921
Ion Ratio Lower Upper
240 100
120 9.2 13.0 19.6#
236 26.0 20.7 31.1



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

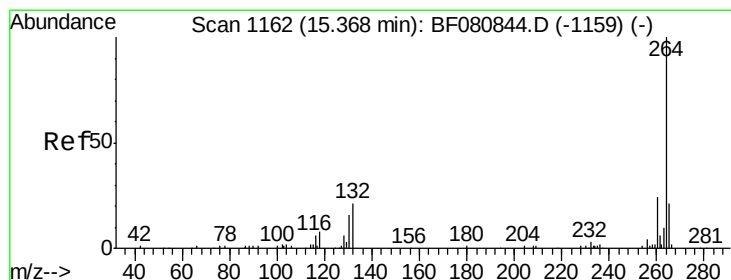
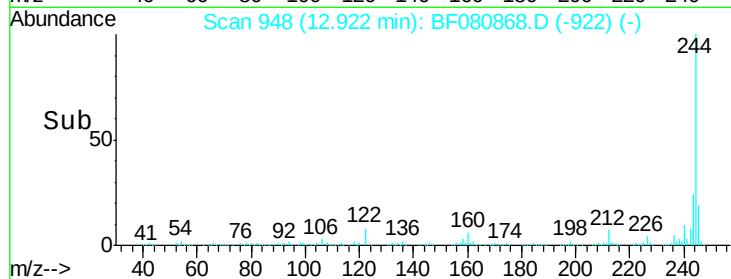
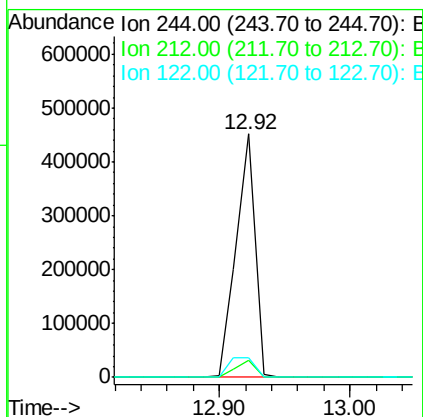
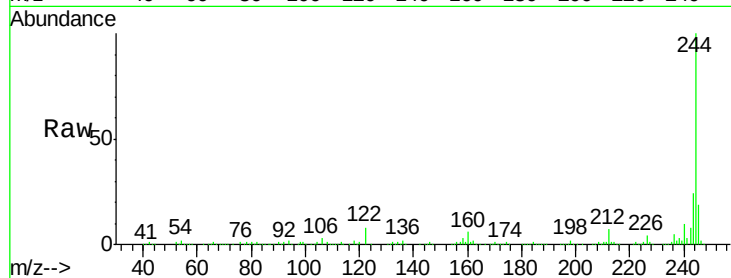




#78
 Terphenyl-d14
 Concen: 57.29 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF080868.D
 Acq: 5 Aug 2015 7:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	8.2	7.1	10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BF080868.D
 Acq: 5 Aug 2015 7:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.9	28.3
265	20.4	16.8	25.2

