

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080660.D
 Acq On : 25 Jul 2015 9:52
 Operator : TP/UM
 Sample : G3079-10
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5-7-22-15

Quant Time: Jul 27 02:04:59 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 25 04:28:42 2015
 Response via : Initial Calibration

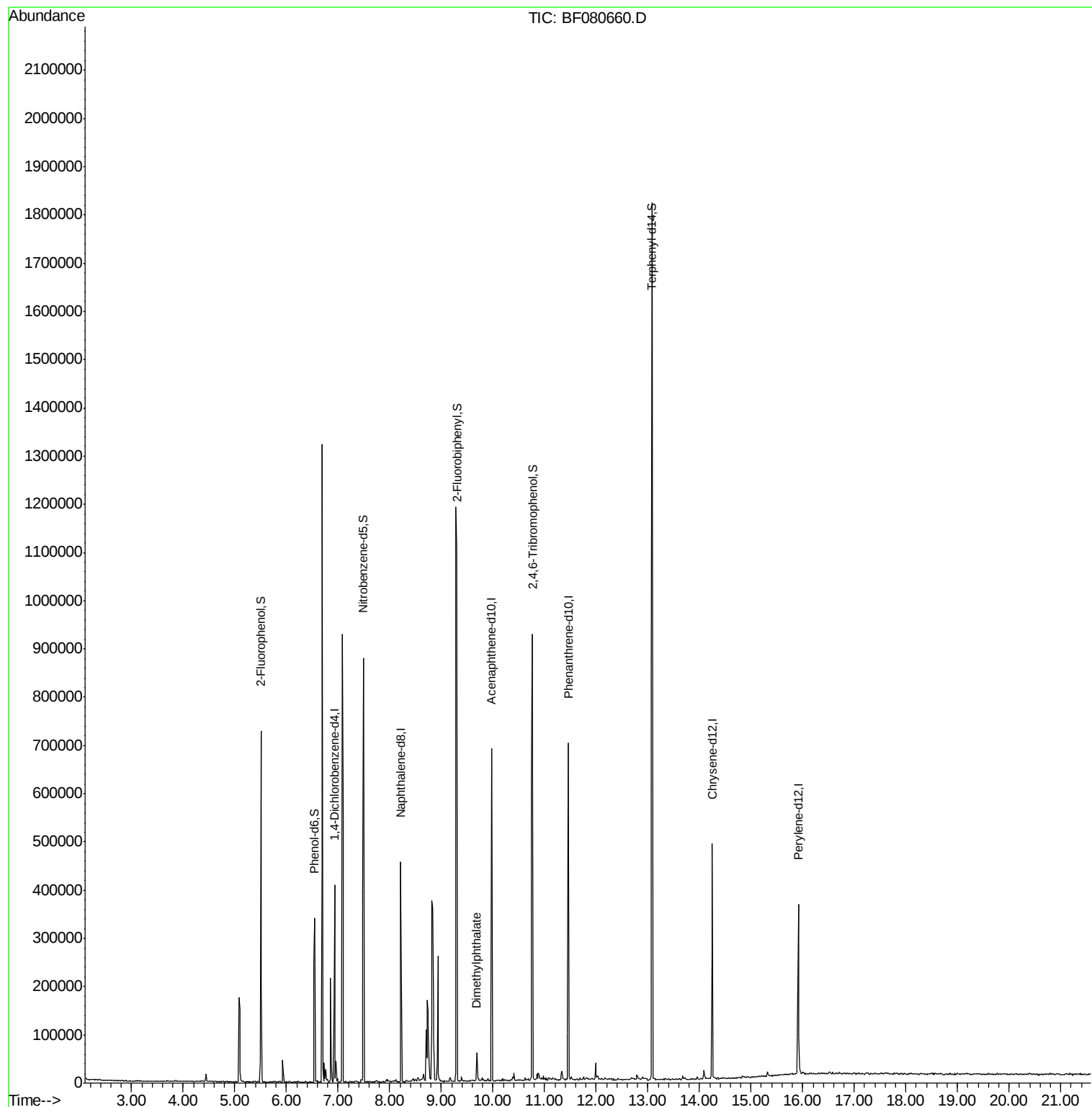
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	61294	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	215197	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	120217	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	231579	20.00	ng	0.00
75) Chrysene-d12	14.25	240	204418	20.00	ng	0.09
86) Perylene-d12	15.92	264	163916	20.00	ng	0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	178783	49.11	ng	0.00
7) Phenol-d6	6.54	99	132410	30.45	ng	0.00
23) Nitrobenzene-d5	7.49	82	289583	67.58	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	121448	112.44	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	524348	67.30	ng	0.00
78) Terphenyl-d14	13.08	244	626792	66.02	ng	0.02
Target Compounds						
49) Dimethylphthalate	9.69	163	21528	2.50	ng	Qvalue 99

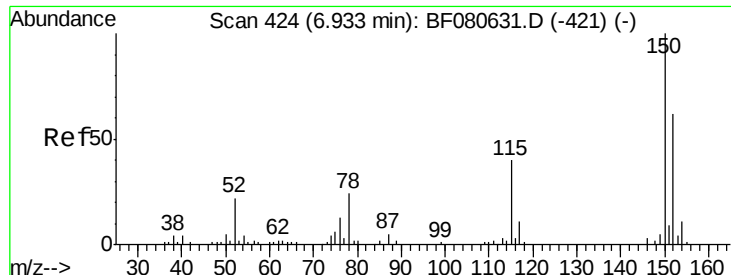
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF080660.D

Acq: 25 Jul 2015 9:52

Instrument :

BNA_F

ClientSampleId :

MW-5-7-22-15

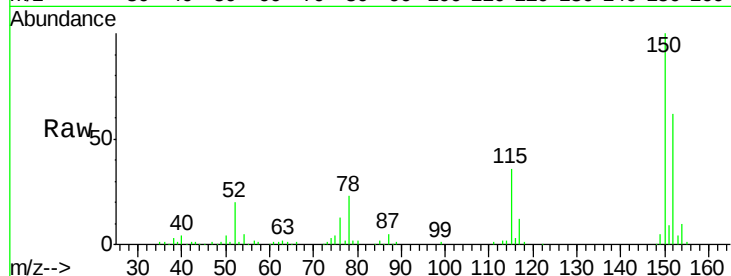
Tgt Ion:152 Resp: 61294

Ion Ratio Lower Upper

152 100

150 160.8 128.9 193.3

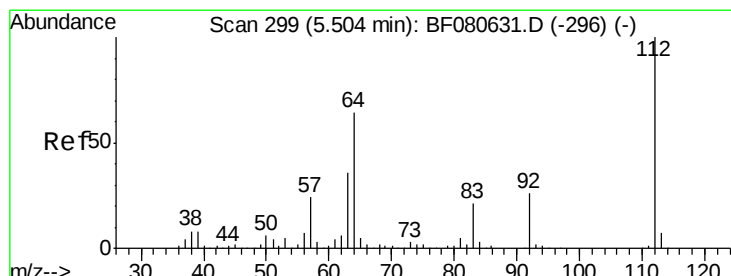
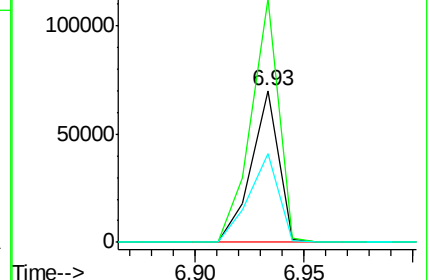
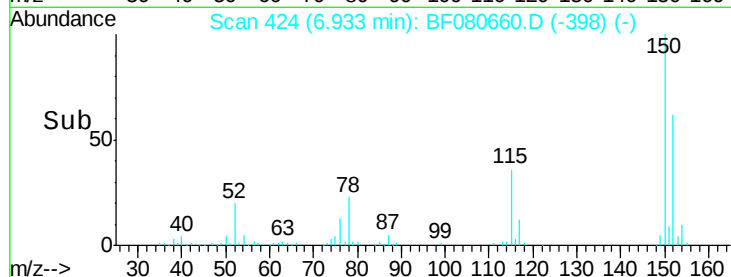
115 58.4 51.0 76.6



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: 49.11 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.00 min

Lab File: BF080660.D

Acq: 25 Jul 2015 9:52

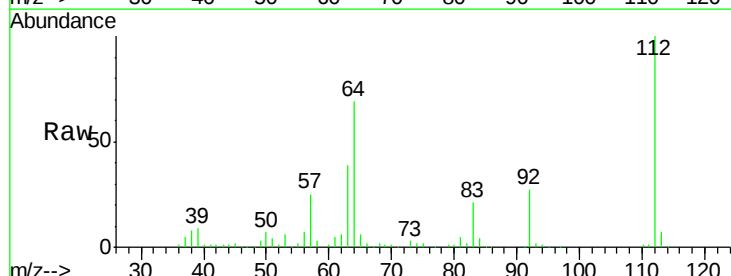
Tgt Ion:112 Resp: 178783

Ion Ratio Lower Upper

112 100

64 68.6 51.2 76.8

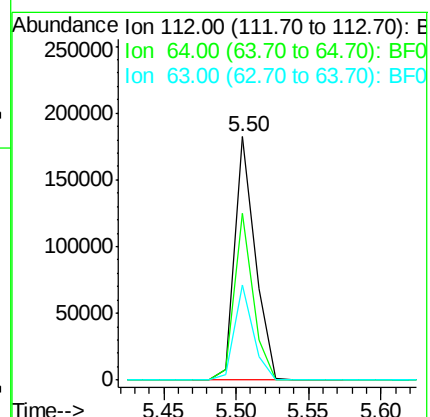
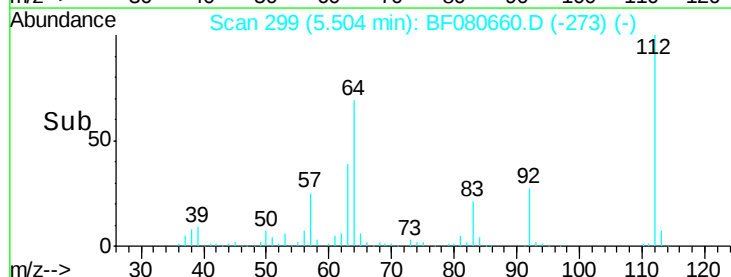
63 39.0 29.0 43.6

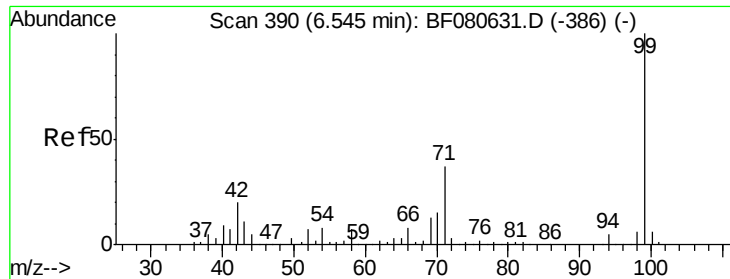


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 30.45 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF080660.D

Acq: 25 Jul 2015 9:52

Instrument :

BNA_F

ClientSampleId :

MW-5-7-22-15

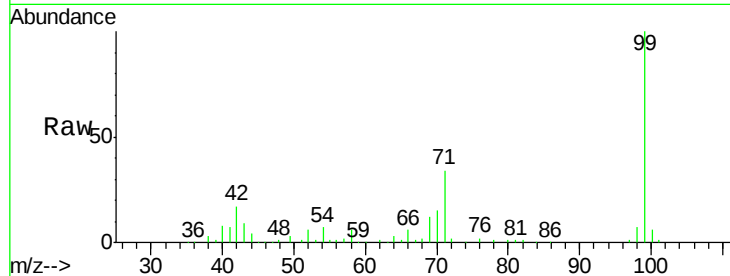
Tgt Ion: 99 Resp: 132410

Ion Ratio Lower Upper

99 100

42 17.2 16.3 24.5

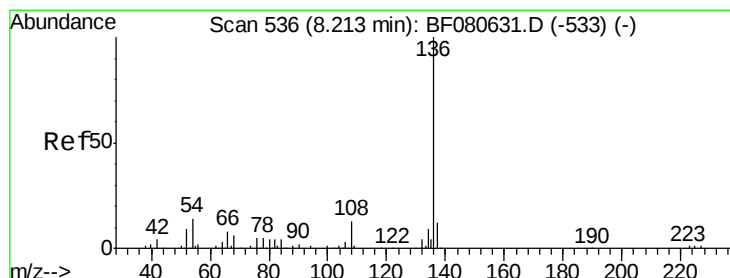
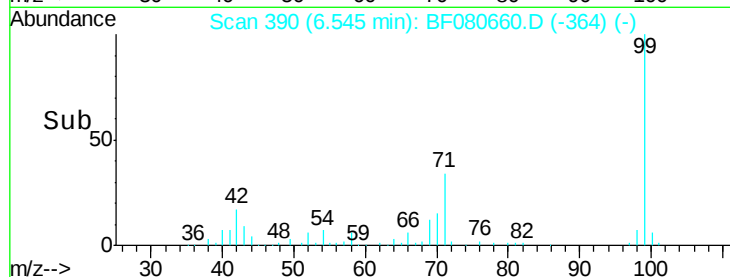
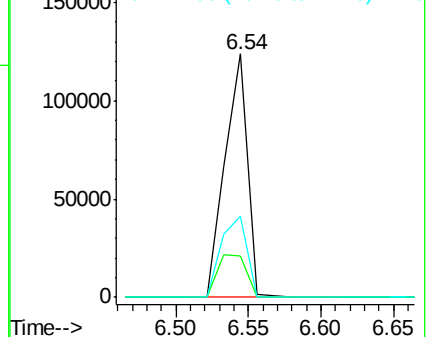
71 33.5 29.7 44.5



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: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF080660.D

Acq: 25 Jul 2015 9:52

Tgt Ion: 136 Resp: 215197

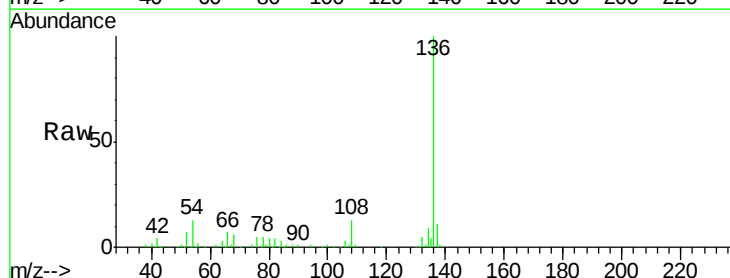
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 12.7 11.6 17.4

68 5.6 5.0 7.4

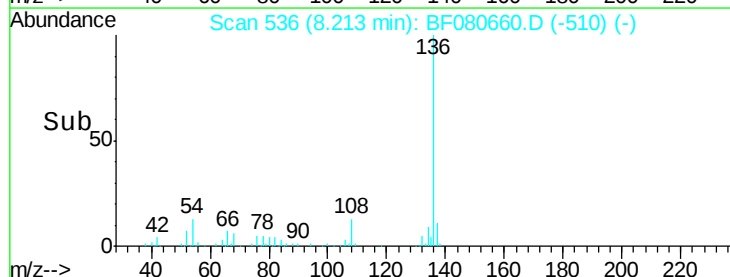
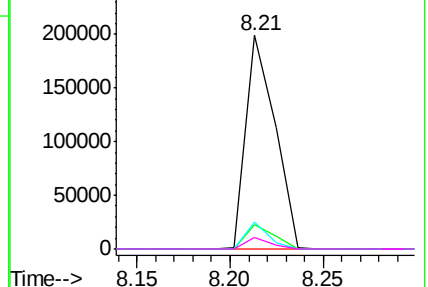


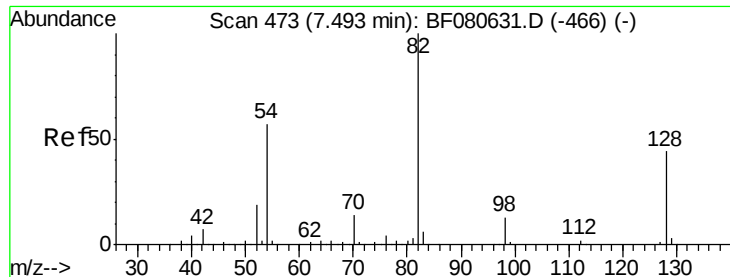
Abundance Ion 136.00 (135.70 to 136.70): E

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

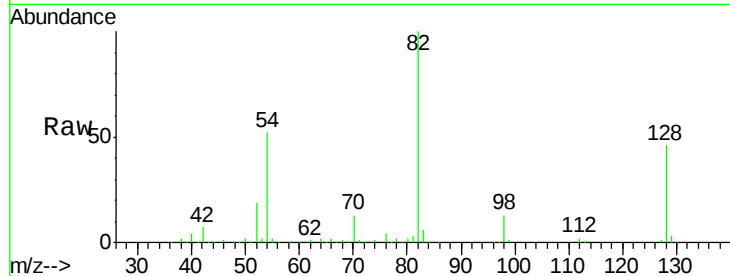




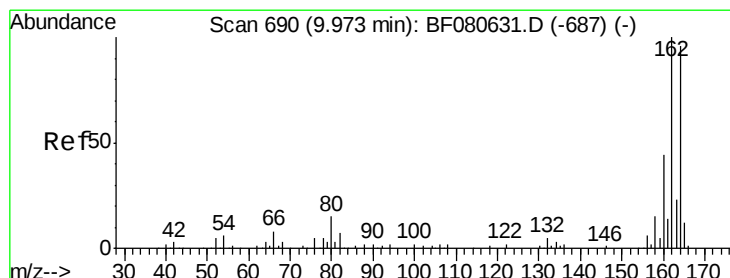
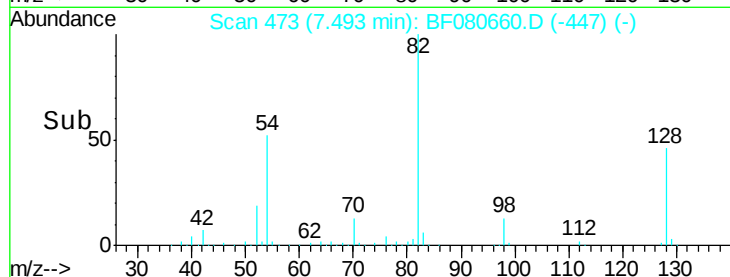
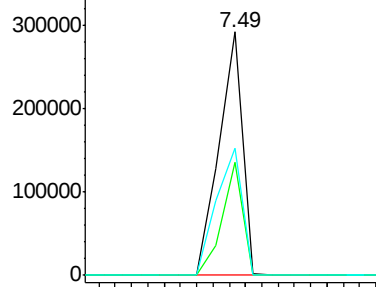
#23
 Nitrobenzene-d5
 Concen: 67.58 ng
 RT: 7.49 min Scan# 473
 Delta R.T. 0.00 min
 Lab File: BF080660.D
 Acq: 25 Jul 2015 9:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-5-7-22-15

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.8	52.2
54	52.2	45.4	68.0

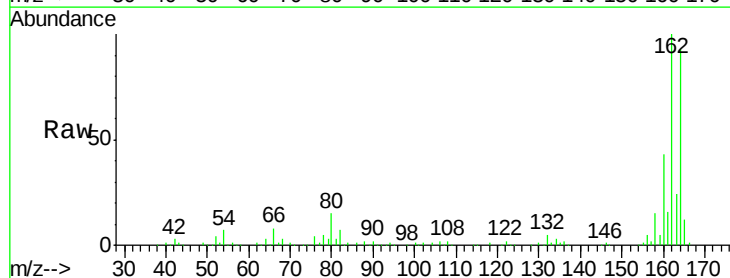


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

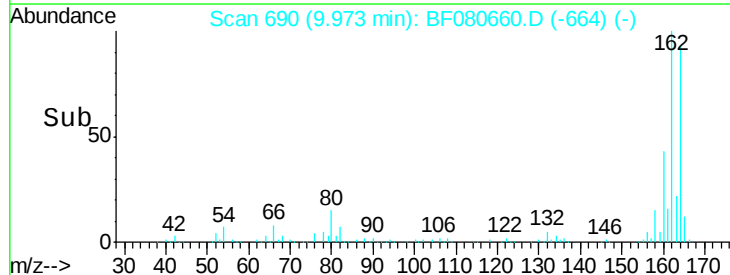
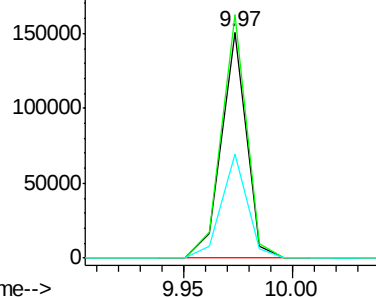


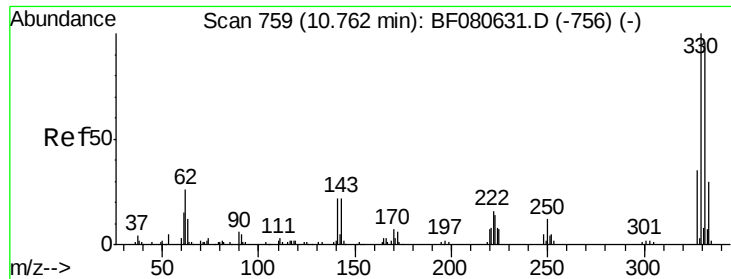
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF080660.D
 Acq: 25 Jul 2015 9:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.9	83.3	124.9
160	46.2	36.9	55.3



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

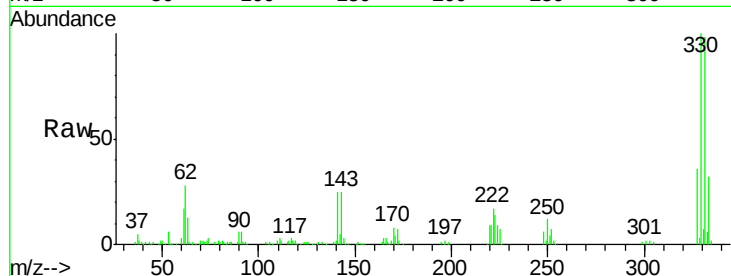




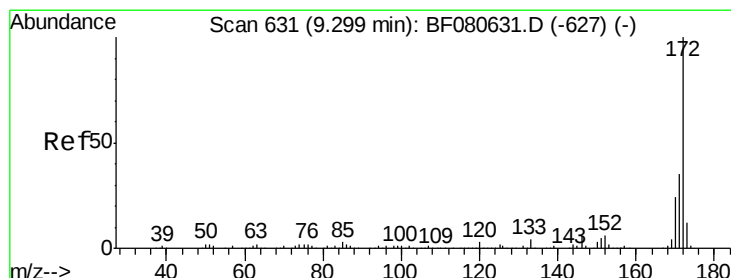
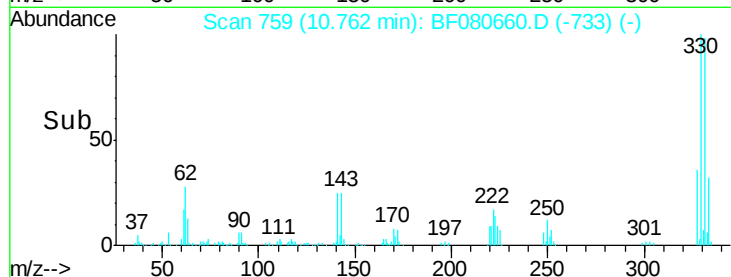
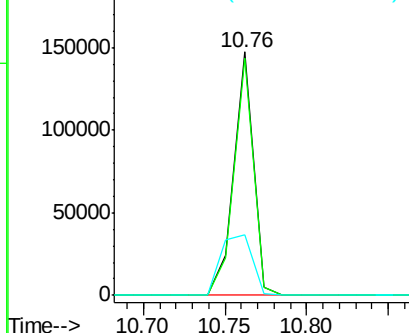
#41
 2,4,6-Tribromophenol
 Concen: 112.44 ng
 RT: 10.76 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF080660.D
 Acq: 25 Jul 2015 9:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-5-7-22-15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.7	115.1
141	40.1	32.7	49.1

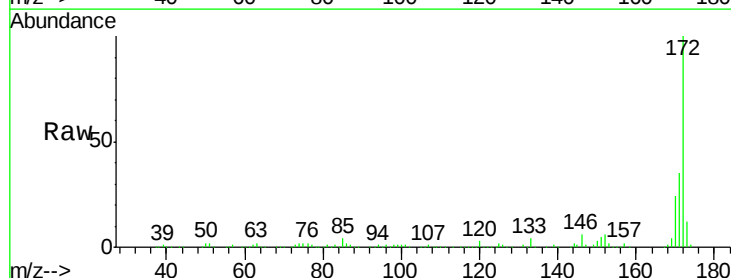


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

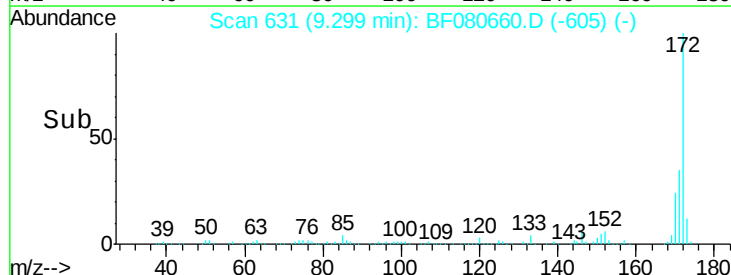
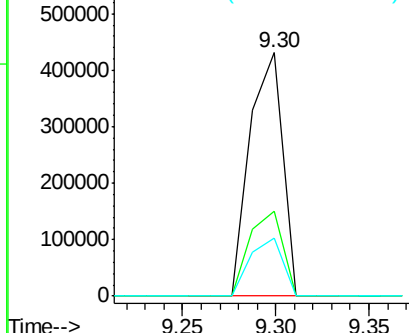


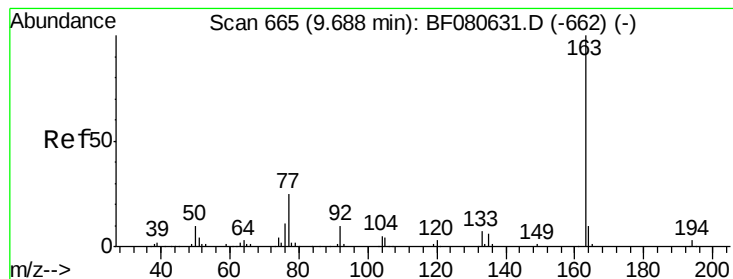
#44
 2-Fluorobiphenyl
 Concen: 67.30 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF080660.D
 Acq: 25 Jul 2015 9:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.7	41.5
170	23.8	19.0	28.4



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





#49

Dimethylphthalate

Concen: 2.50 ng

RT: 9.69 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF080660.D

Acq: 25 Jul 2015 9:52

Instrument :

BNA_F

ClientSampleId :

MW-5-7-22-15

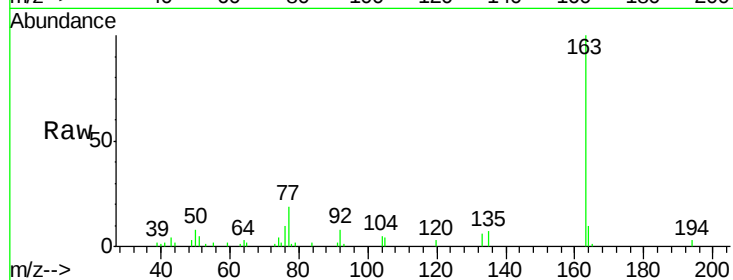
Tgt Ion:163 Resp: 21528

Ion Ratio Lower Upper

163 100

194 3.5 2.5 3.7

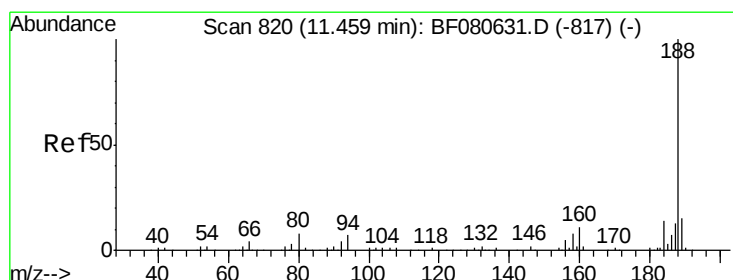
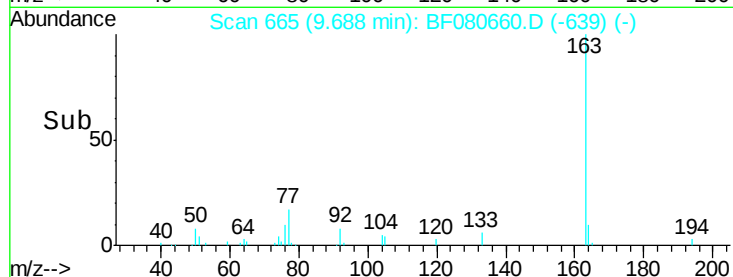
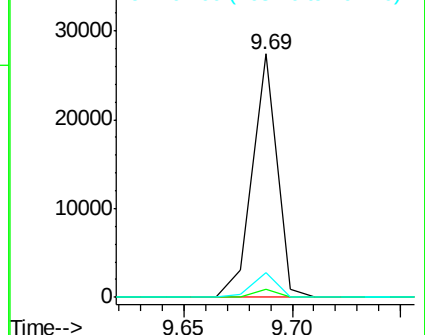
164 10.3 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF080660.D

Acq: 25 Jul 2015 9:52

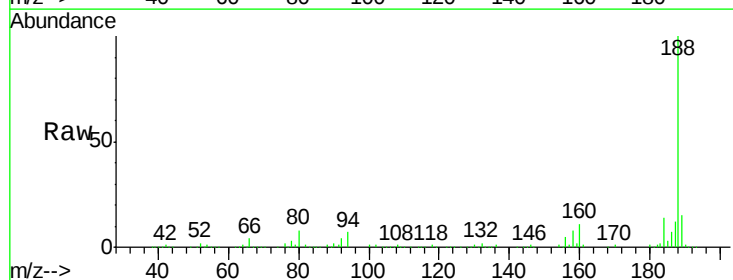
Tgt Ion:188 Resp: 231579

Ion Ratio Lower Upper

188 100

94 7.2 5.6 8.4

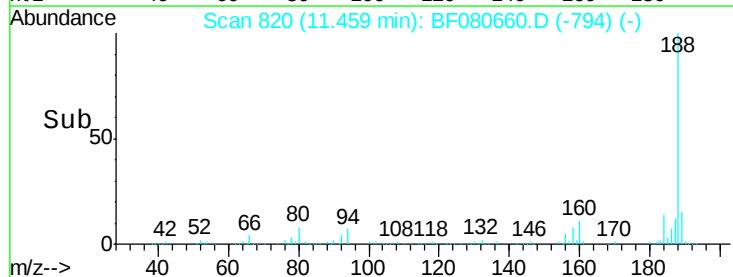
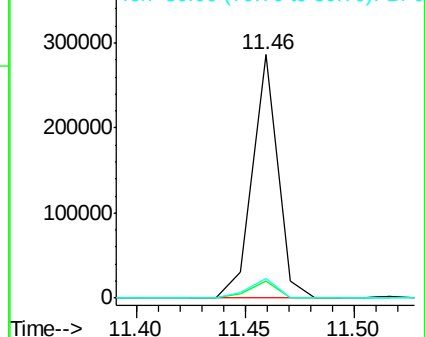
80 8.0 6.1 9.1

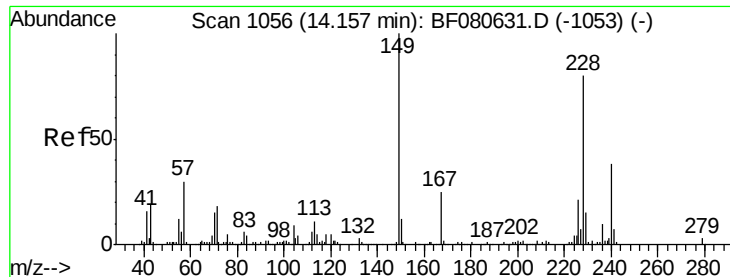


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.25 min Scan# 1064

Delta R.T. 0.09 min

Lab File: BF080660.D

Acq: 25 Jul 2015 9:52

Instrument :

BNA_F

ClientSampleId :

MW-5-7-22-15

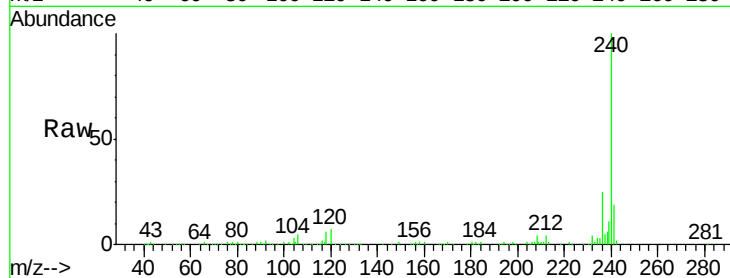
Tgt Ion:240 Resp: 204418

Ion Ratio Lower Upper

240 100

120 7.1 10.8 16.2#

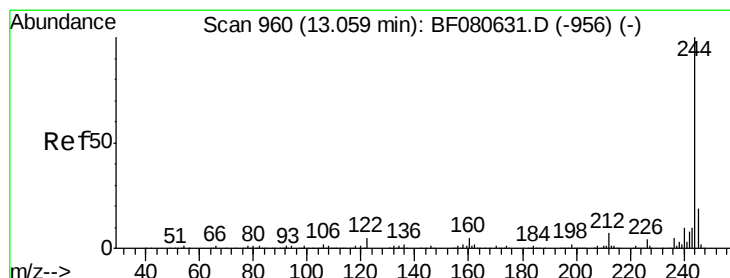
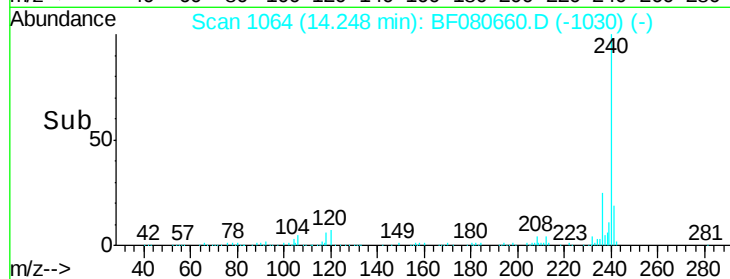
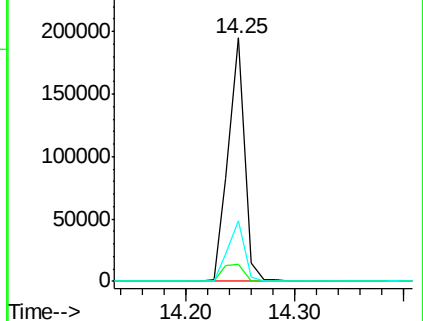
236 24.7 20.3 30.5



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: 66.02 ng

RT: 13.08 min Scan# 962

Delta R.T. 0.02 min

Lab File: BF080660.D

Acq: 25 Jul 2015 9:52

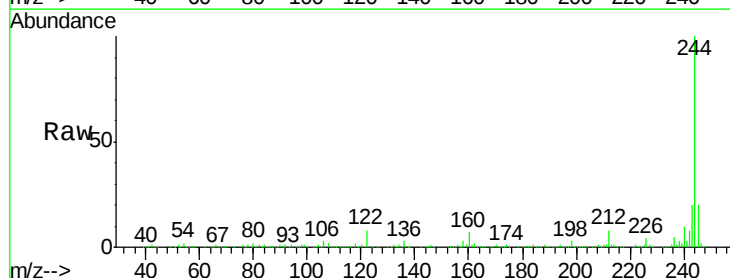
Tgt Ion:244 Resp: 626792

Ion Ratio Lower Upper

244 100

212 7.6 5.2 7.8

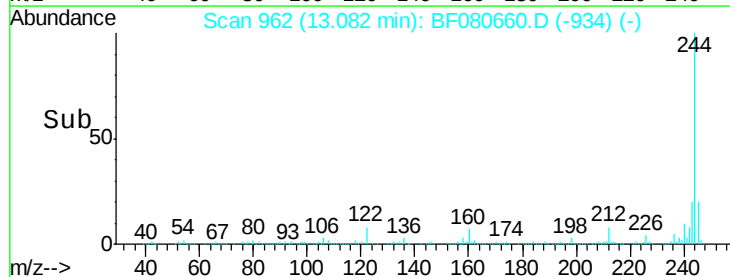
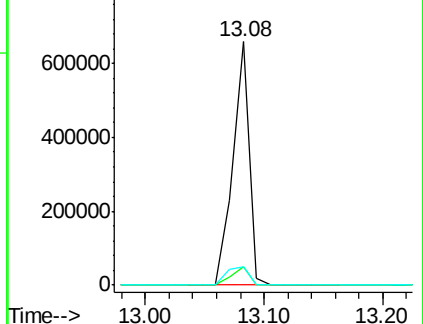
122 7.6 4.1 6.1#

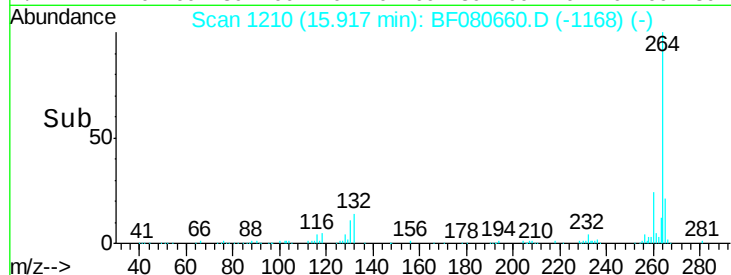
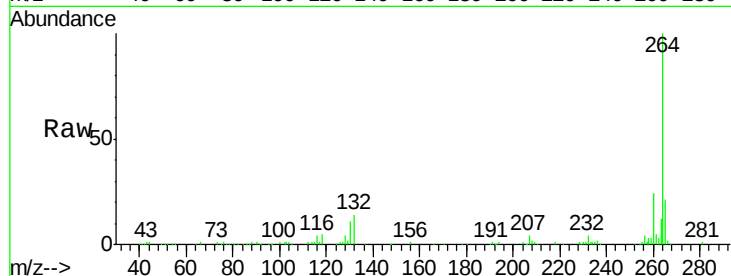
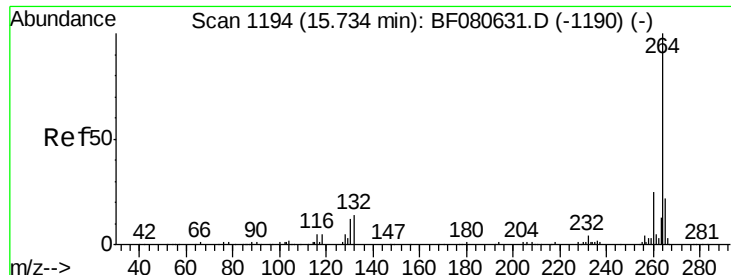


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.92 min Scan# 1210
Delta R.T. 0.18 min
Lab File: BF080660.D
Acq: 25 Jul 2015 9:52

Instrument :
BNA_F
ClientSampleId :
MW-5-7-22-15

Tgt Ion:	264	Resp:	163916
Ion Ratio	Lower	Upper	
264	100		
260	24.2	20.1	30.1
265	21.3	17.4	26.0

