

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080652.D
 Acq On : 25 Jul 2015 6:01
 Operator : TP/UM
 Sample : G3079-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-7-22-15

Quant Time: Jul 25 06:56:31 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

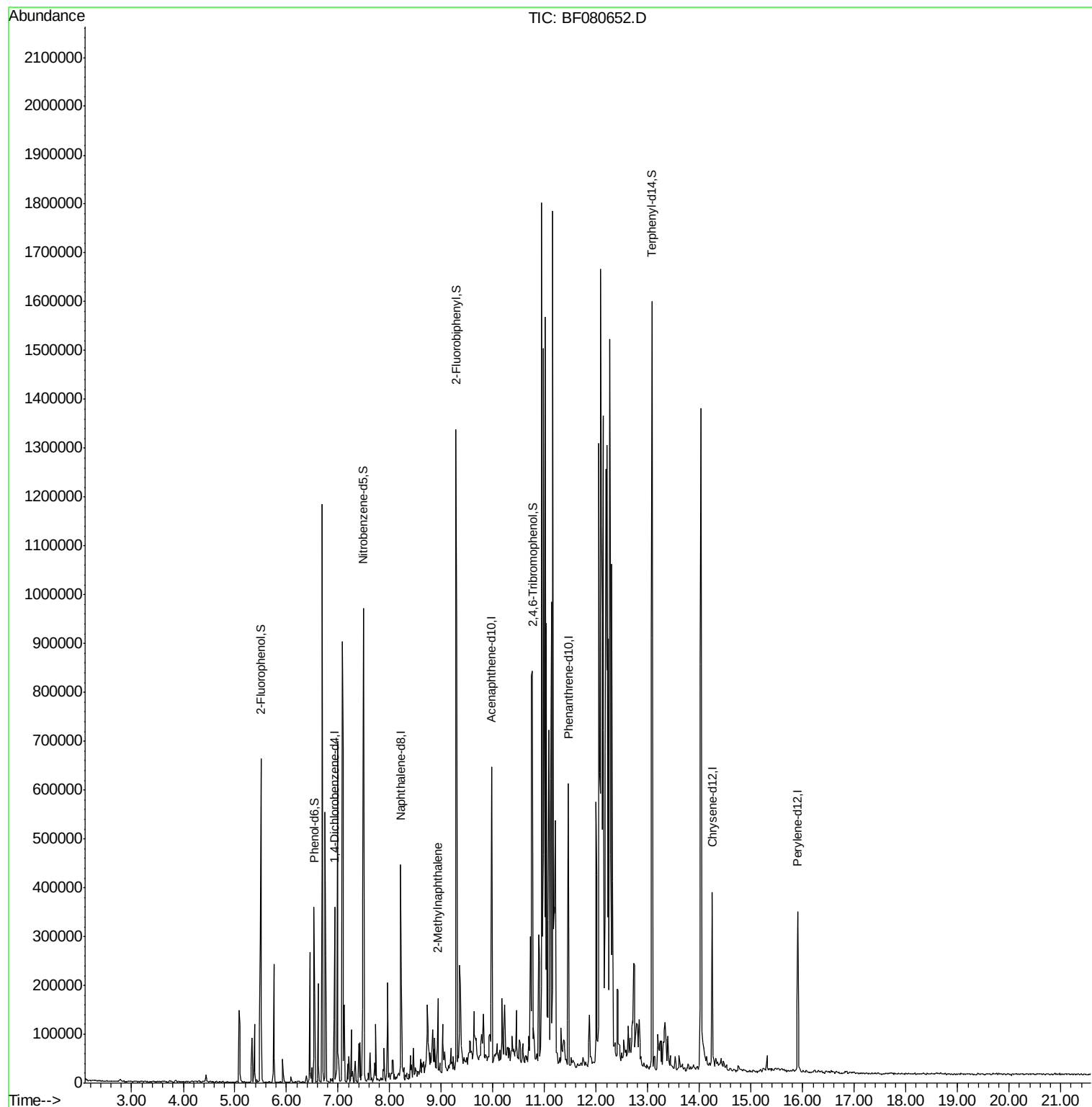
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	52169	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	186022	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	104098	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	185047	20.00	ng	0.00
75) Chrysene-d12	14.25	240	173735	20.00	ng	0.09
86) Perylene-d12	15.91	264	151588	20.00	ng	0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	140698	45.41	ng	0.00
7) Phenol-d6	6.53	99	97549	26.36	ng	-0.01
23) Nitrobenzene-d5	7.49	82	297047	80.20	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	118785	127.01	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	495129	73.39	ng	-0.01
78) Terphenyl-d14	13.08	244	578338	71.68	ng	0.02
Target Compounds						
37) 2-Methylnaphthalene	8.93	142	37600	5.66	ng	Qvalue 99

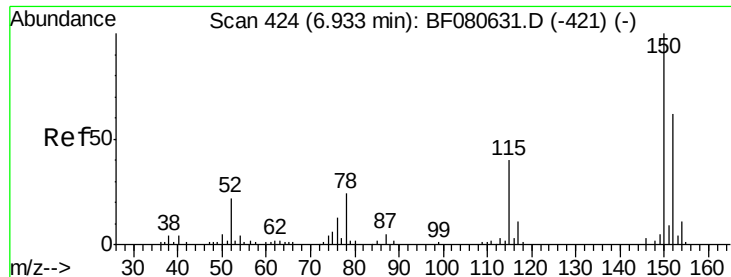
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF080652.D

Acq: 25 Jul 2015 6:01

Instrument :

BNA_F

ClientSampleId :

MW-6-7-22-15

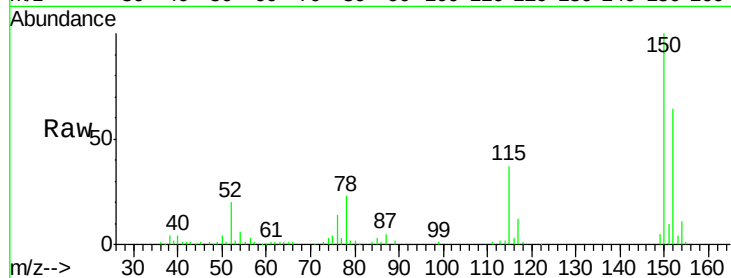
Tgt Ion:152 Resp: 52169

Ion Ratio Lower Upper

152 100

150 157.1 128.9 193.3

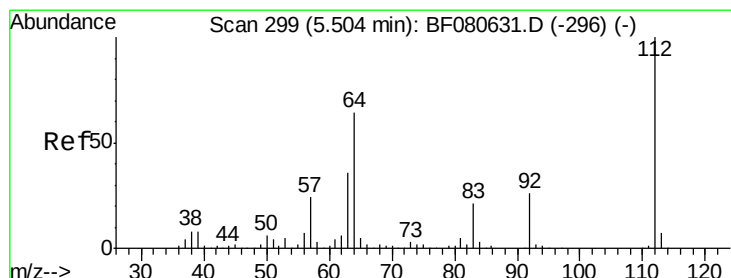
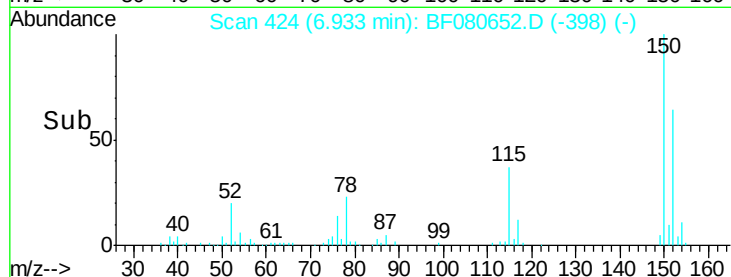
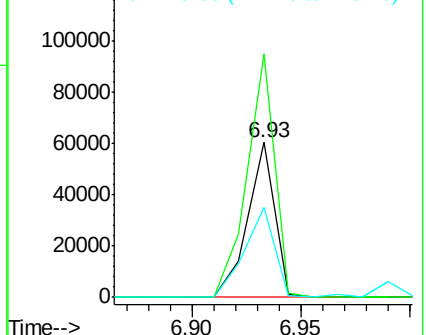
115 58.1 51.0 76.6



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: 45.41 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.00 min

Lab File: BF080652.D

Acq: 25 Jul 2015 6:01

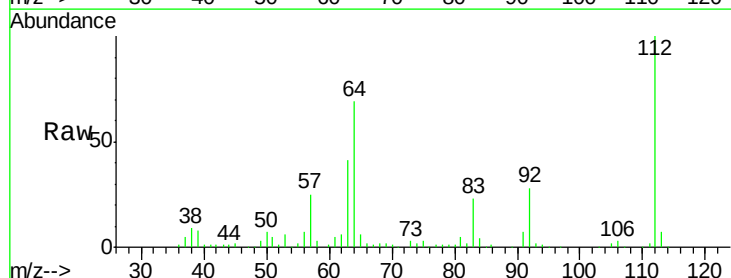
Tgt Ion:112 Resp: 140698

Ion Ratio Lower Upper

112 100

64 69.4 51.2 76.8

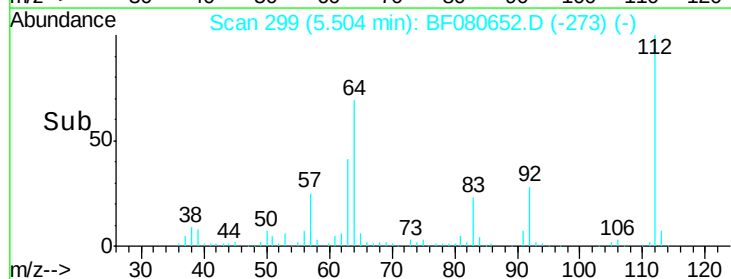
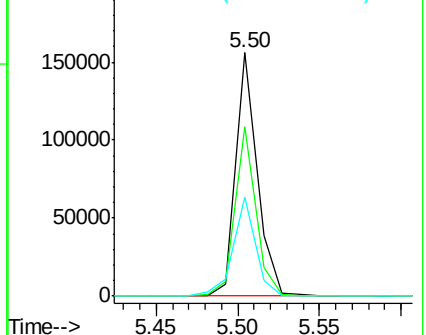
63 40.6 29.0 43.6

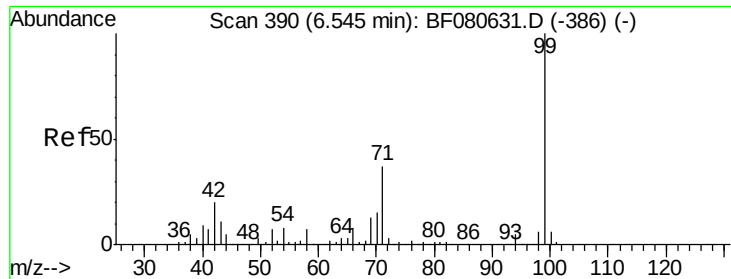


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 26.36 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF080652.D

Acq: 25 Jul 2015 6:01

Instrument :

BNA_F

ClientSampleId :

MW-6-7-22-15

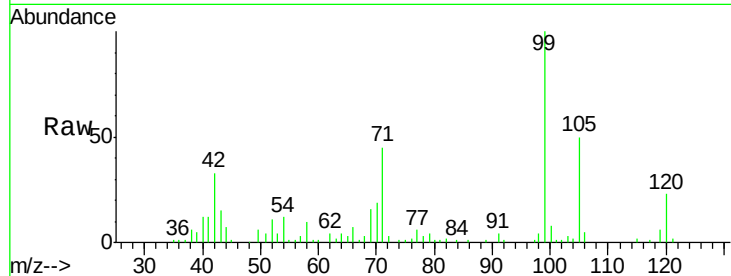
Tgt Ion: 99 Resp: 97549

Ion Ratio Lower Upper

99 100

42 33.3 16.3 24.5#

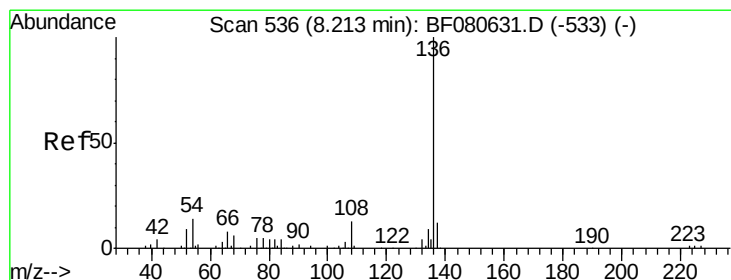
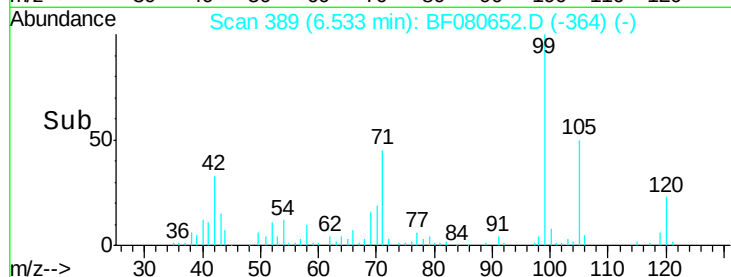
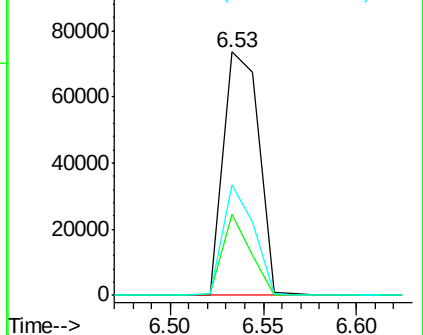
71 45.5 29.7 44.5#



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: BF080652.D

Acq: 25 Jul 2015 6:01

Tgt Ion: 136 Resp: 186022

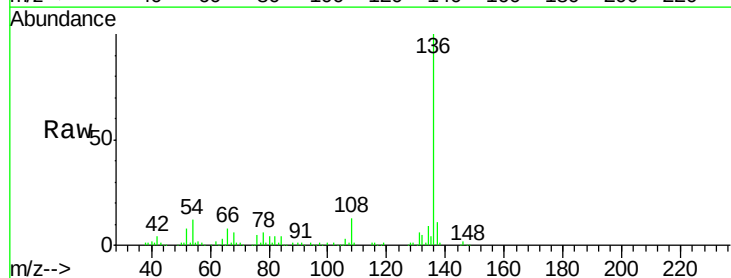
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 12.0 11.6 17.4

68 6.2 5.0 7.4

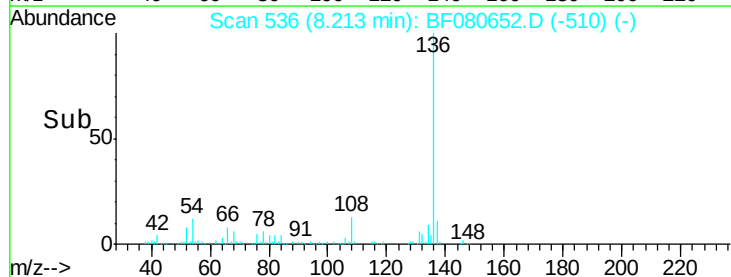
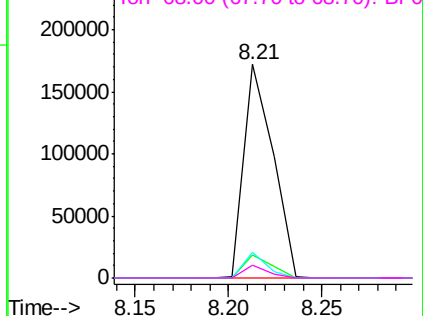


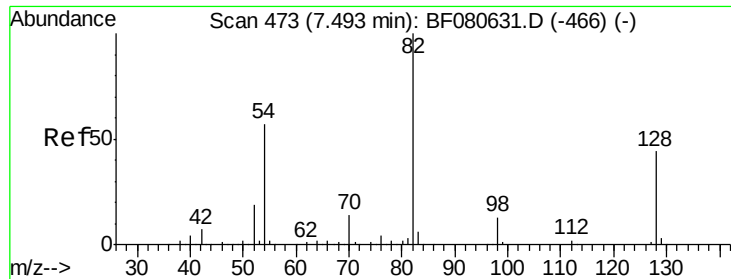
Abundance Ion 136.00 (135.70 to 136.70): E

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

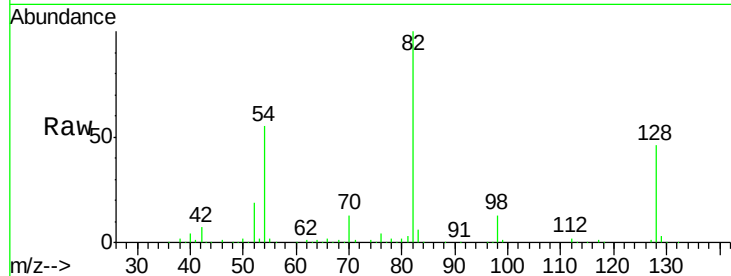




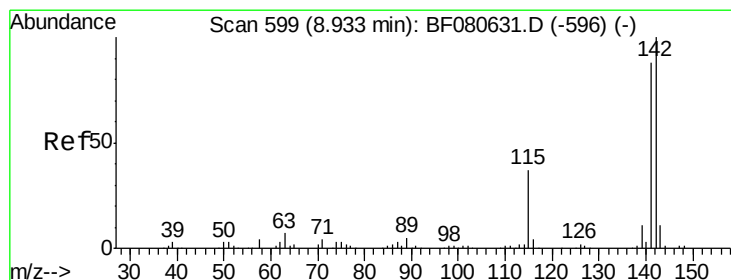
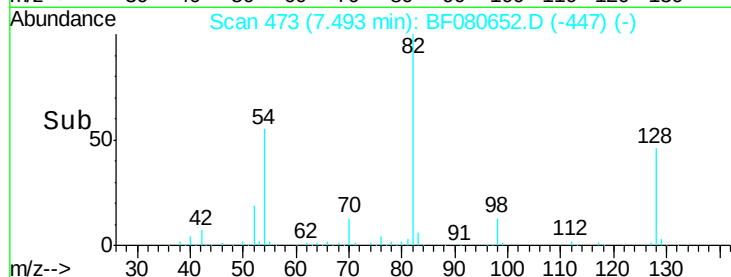
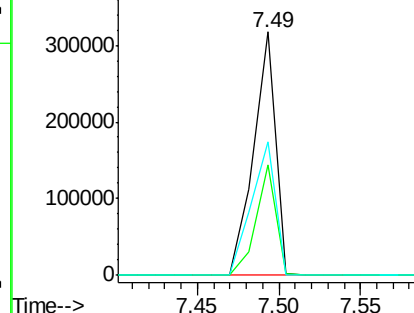
#23
 Nitrobenzene-d5
 Concen: 80.20 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.00 min
 Lab File: BF080652.D
 Acq: 25 Jul 2015 6:01

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-7-22-15

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.8	52.2
54	54.7	45.4	68.0

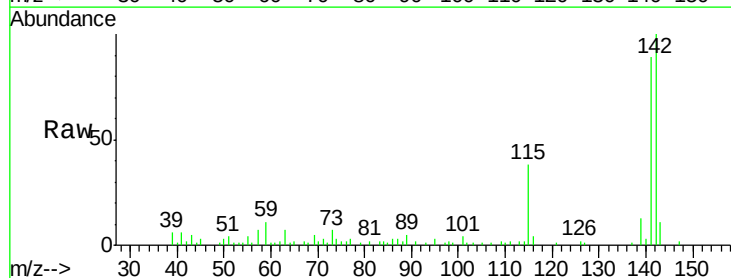


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

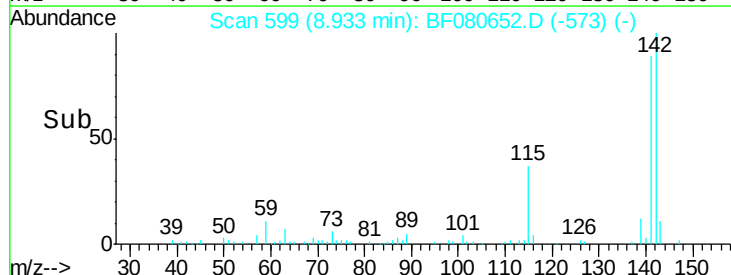
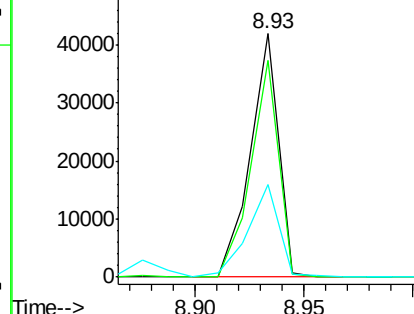


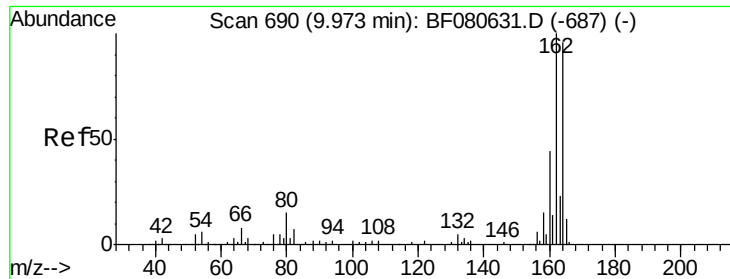
#37
 2-Methylnaphthalene
 Concen: 5.66 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF080652.D
 Acq: 25 Jul 2015 6:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.7	106.1
115	37.8	29.3	43.9



Abundance Ion 142.00 (141.70 to 142.70): B
 Ion 141.00 (140.70 to 141.70): B
 Ion 115.00 (114.70 to 115.70): B

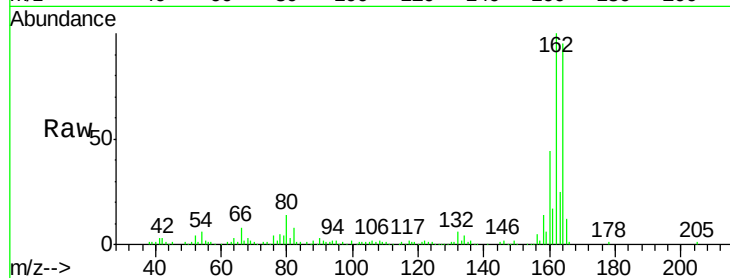




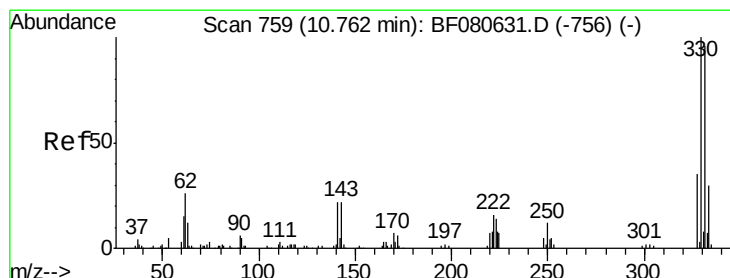
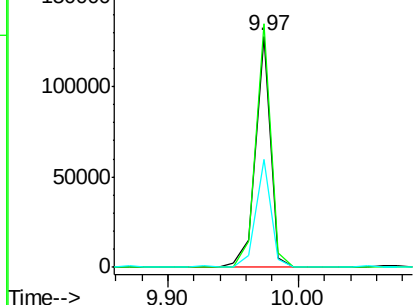
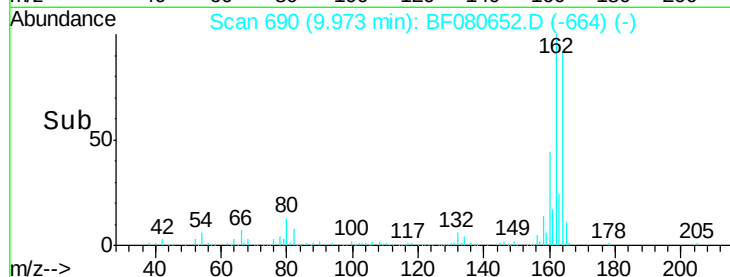
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF080652.D
 Acq: 25 Jul 2015 6:01

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-7-22-15

Tgt Ion:164 Resp: 104098
 Ion Ratio Lower Upper
 164 100
 162 105.4 83.3 124.9
 160 46.7 36.9 55.3

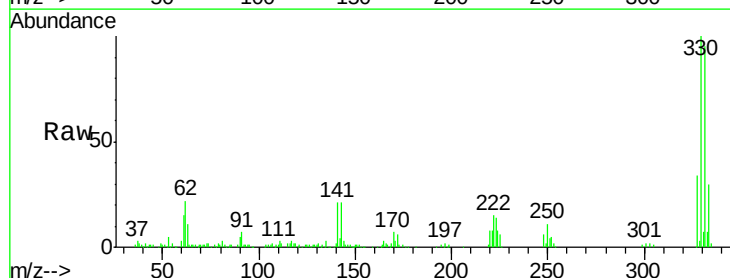


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

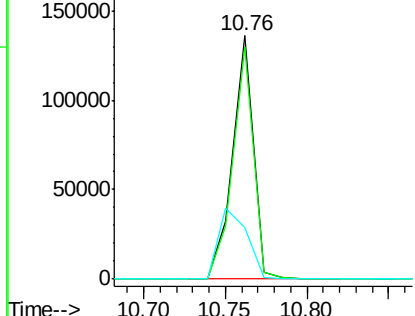
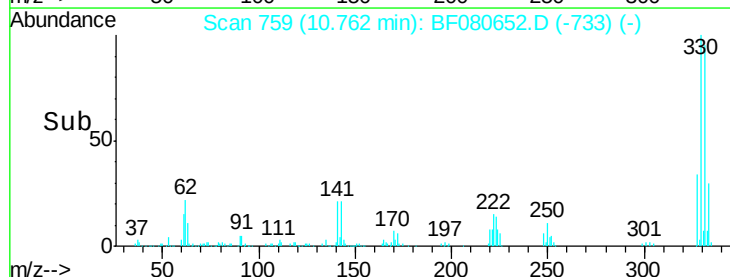


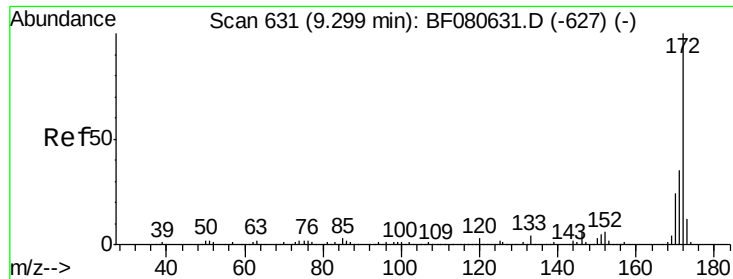
#41
 2,4,6-Tribromophenol
 Concen: 127.01 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF080652.D
 Acq: 25 Jul 2015 6:01

Tgt Ion:330 Resp: 118785
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.7 115.1
 141 41.1 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

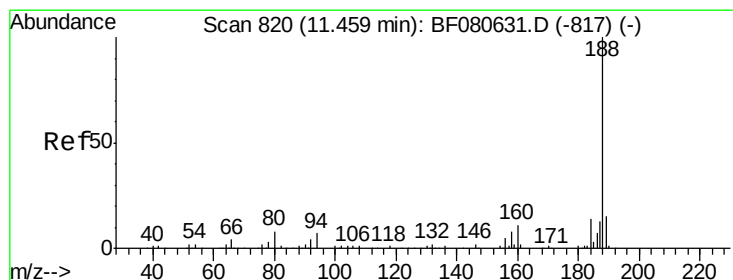
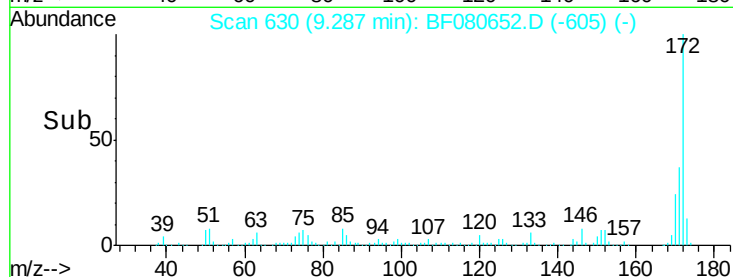
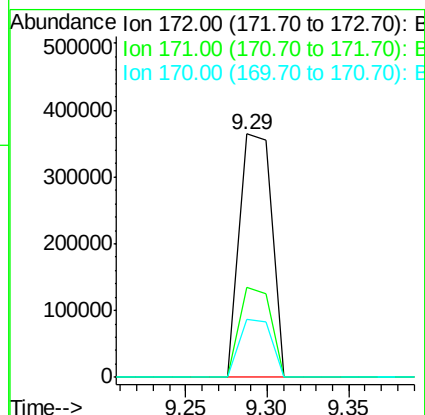
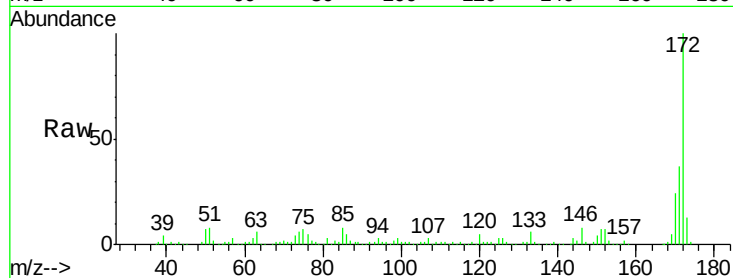




#44
 2-Fluorobiphenyl
 Concen: 73.39 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF080652.D
 Acq: 25 Jul 2015 6:01

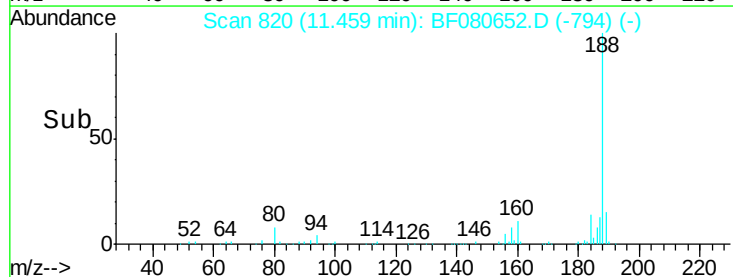
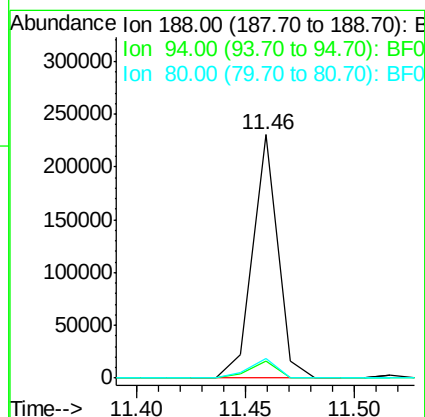
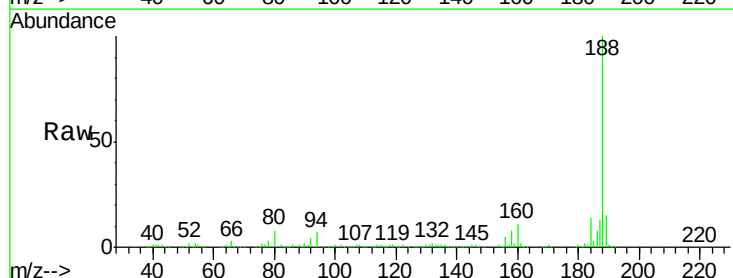
Instrument :
 BNA_F
 ClientSampleId :
 MW-6-7-22-15

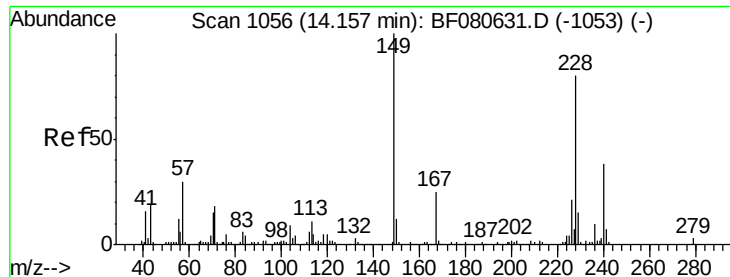
Tgt Ion:172 Resp: 495129
 Ion Ratio Lower Upper
 172 100
 171 36.7 27.7 41.5
 170 24.0 19.0 28.4



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF080652.D
 Acq: 25 Jul 2015 6:01

Tgt Ion:188 Resp: 185047
 Ion Ratio Lower Upper
 188 100
 94 7.2 5.6 8.4
 80 8.3 6.1 9.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.25 min Scan# 1064

Delta R.T. 0.09 min

Lab File: BF080652.D

Acq: 25 Jul 2015 6:01

Instrument :

BNA_F

ClientSampleId :

MW-6-7-22-15

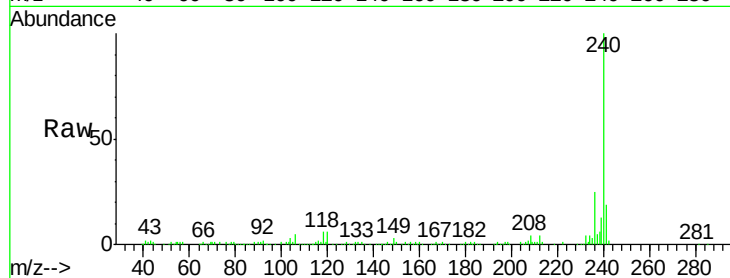
Tgt Ion:240 Resp: 173735

Ion Ratio Lower Upper

240 100

120 6.3 10.8 16.2#

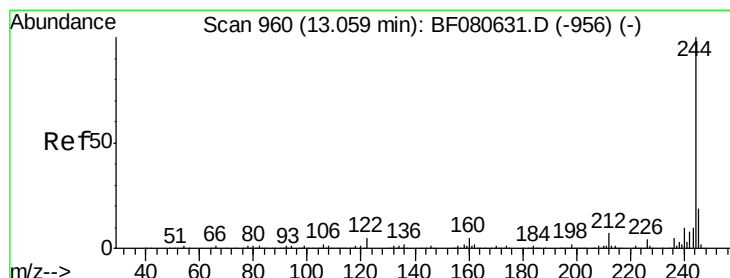
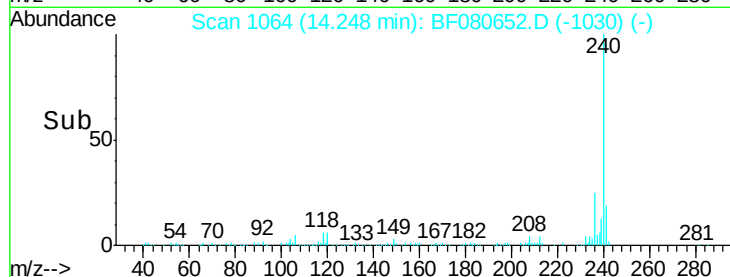
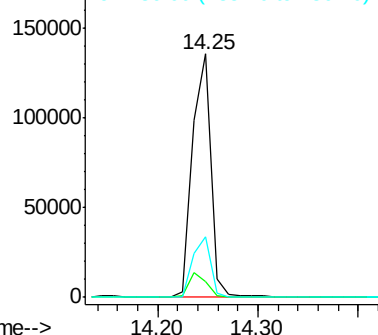
236 24.9 20.3 30.5



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: 71.68 ng

RT: 13.08 min Scan# 962

Delta R.T. 0.02 min

Lab File: BF080652.D

Acq: 25 Jul 2015 6:01

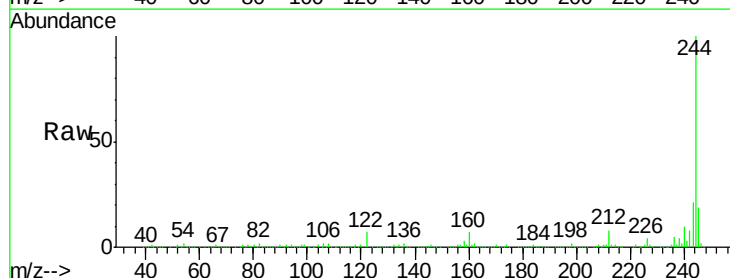
Tgt Ion:244 Resp: 578338

Ion Ratio Lower Upper

244 100

212 7.5 5.2 7.8

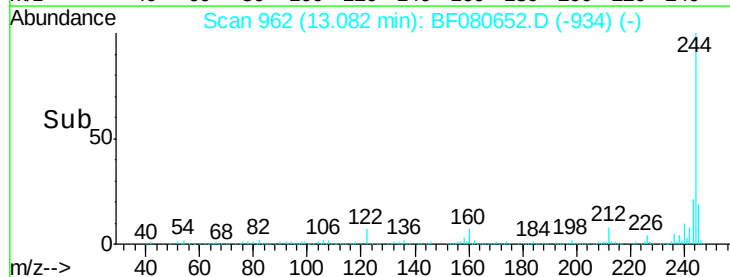
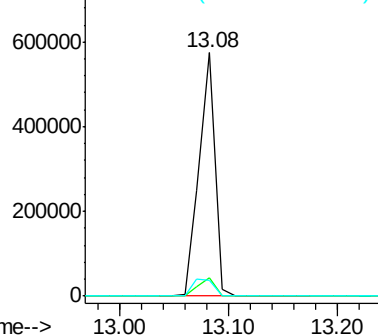
122 6.6 4.1 6.1#

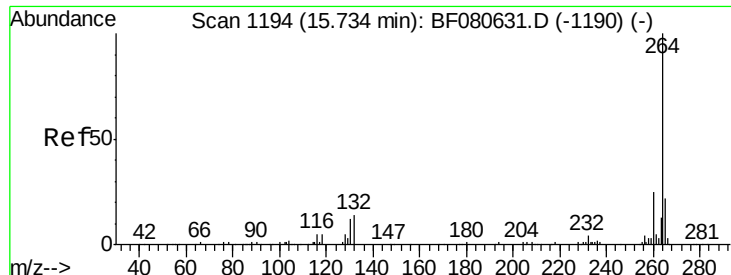


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.91 min Scan# 1209
Delta R.T. 0.17 min
Lab File: BF080652.D
Acq: 25 Jul 2015 6:01

Instrument :
BNA_F
ClientSampleId :
MW-6-7-22-15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	20.1	30.1
265	20.8	17.4	26.0

