

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080655.D
 Acq On : 25 Jul 2015 7:27
 Operator : TP/UM
 Sample : G3079-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Jul 27 01:35:57 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	54599	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	185305	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	98464	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	170704	20.00	ng	0.00
75) Chrysene-d12	14.23	240	152964	20.00	ng	0.07
86) Perylene-d12	15.87	264	140108	20.00	ng	0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	145397	44.84	ng	0.00
7) Phenol-d6	6.53	99	100503	25.95	ng	-0.01
23) Nitrobenzene-d5	7.49	82	246198	66.73	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	88644	100.20	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	420361	65.87	ng	-0.01
78) Terphenyl-d14	13.07	244	456241	64.22	ng	0.01

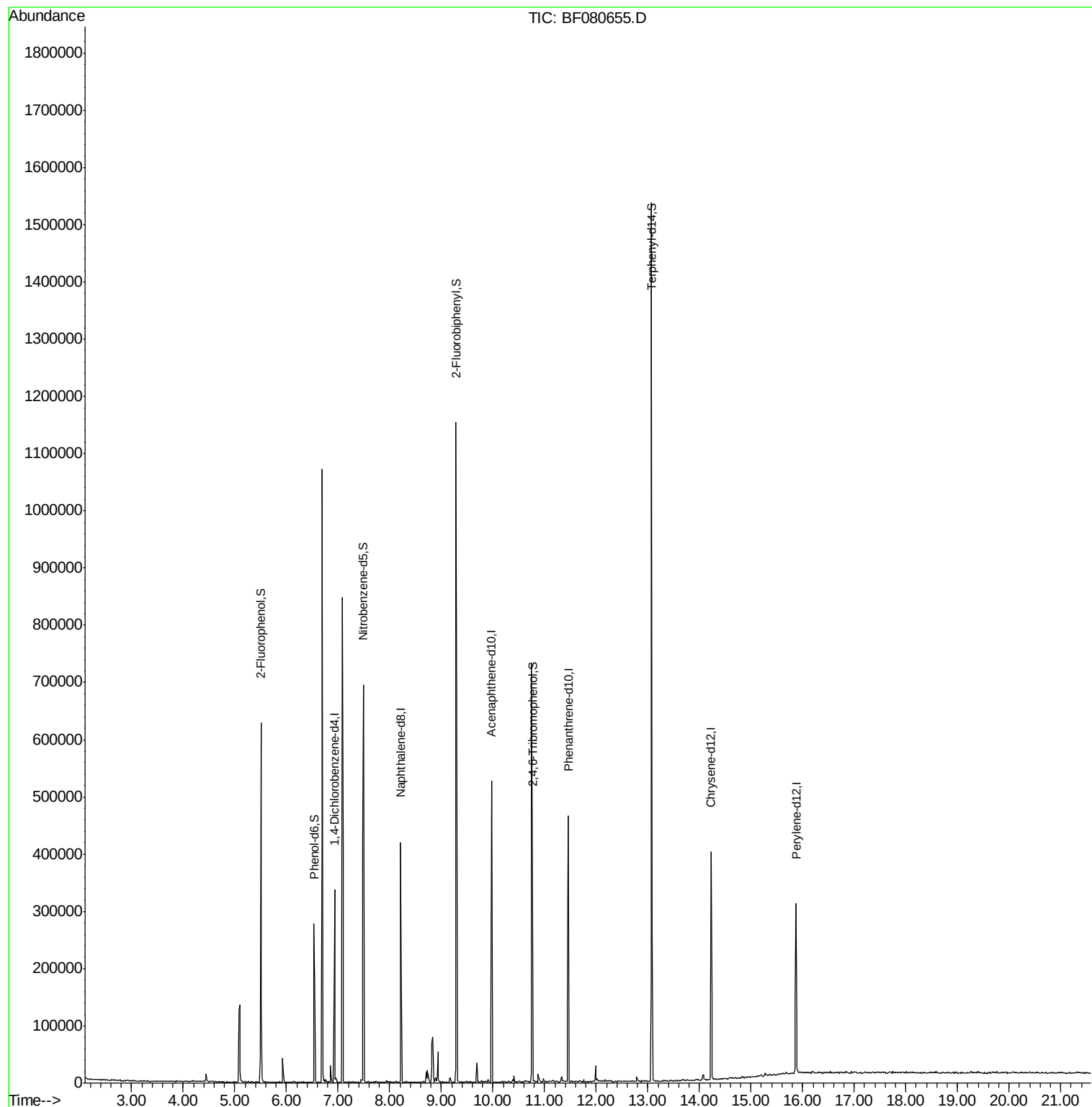
Target Compounds	Qvalue
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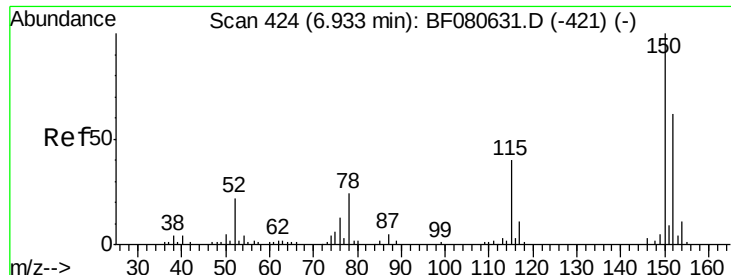
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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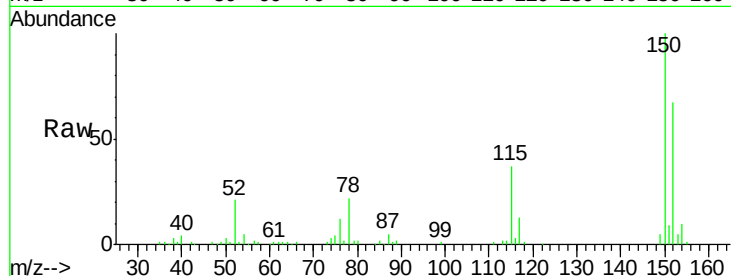


#1

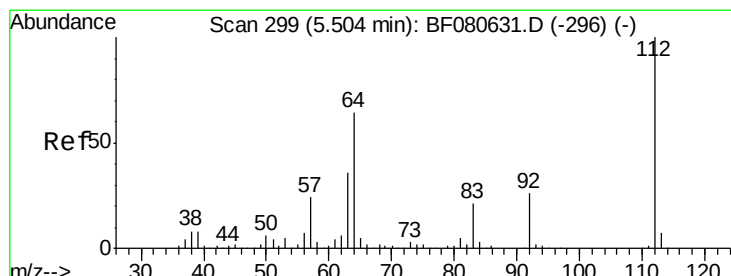
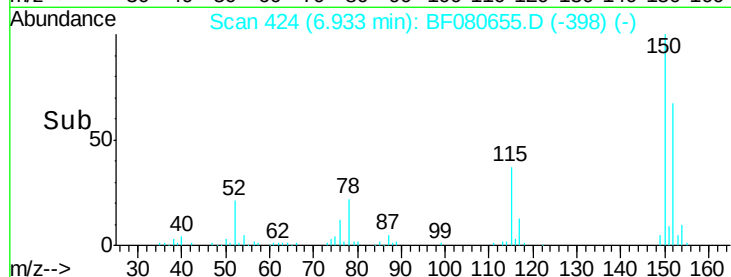
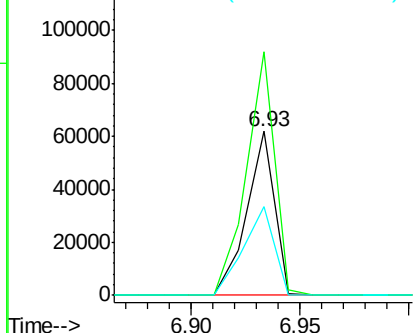
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF080655.D
Acq: 25 Jul 2015 7:27

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

Tgt Ion:152 Resp: 54599
Ion Ratio Lower Upper
152 100
150 148.3 128.9 193.3
115 54.4 51.0 76.6



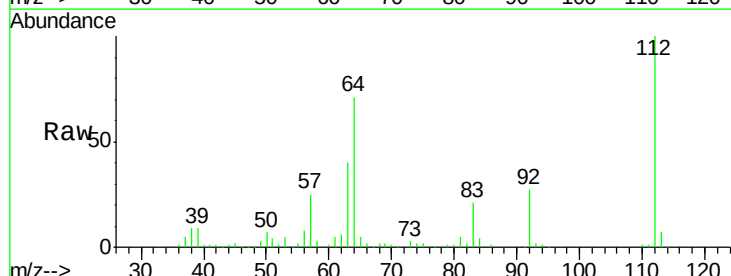
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



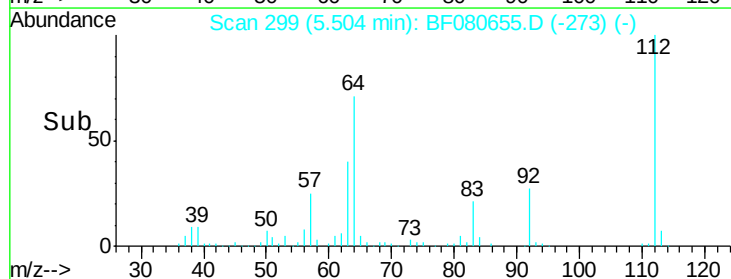
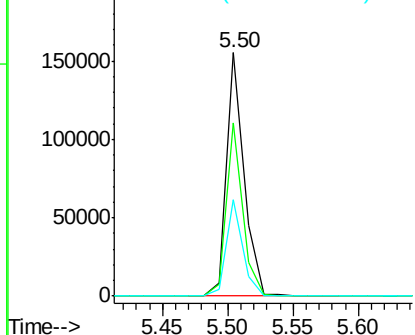
#5

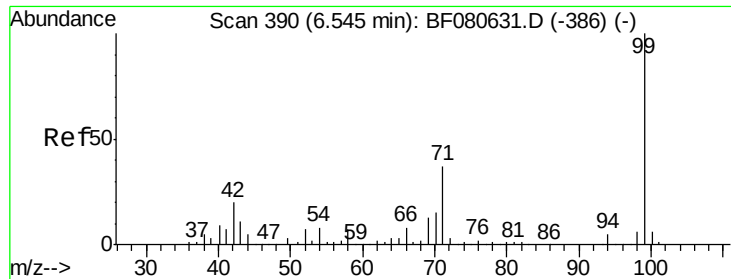
2-Fluorophenol
Concen: 44.84 ng
RT: 5.50 min Scan# 299
Delta R.T. 0.00 min
Lab File: BF080655.D
Acq: 25 Jul 2015 7:27

Tgt Ion:112 Resp: 145397
Ion Ratio Lower Upper
112 100
64 71.3 51.2 76.8
63 39.8 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: 25.95 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF080655.D

Acq: 25 Jul 2015 7:27

Instrument :

BNA_F

ClientSampleId :

MW-7-7-22-15

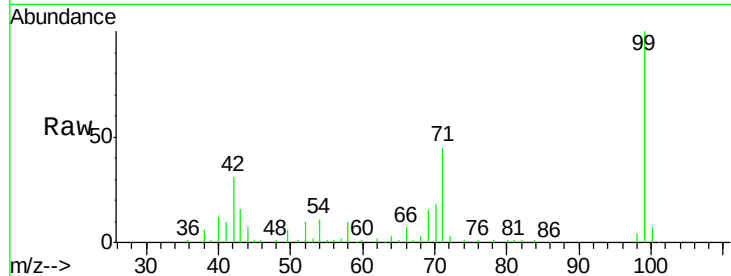
Tgt Ion: 99 Resp: 100503

Ion Ratio Lower Upper

99 100

42 30.8 16.3 24.5#

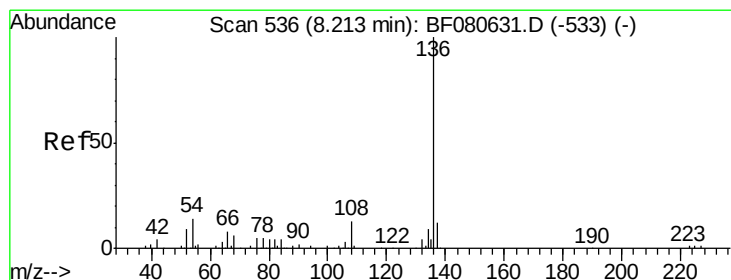
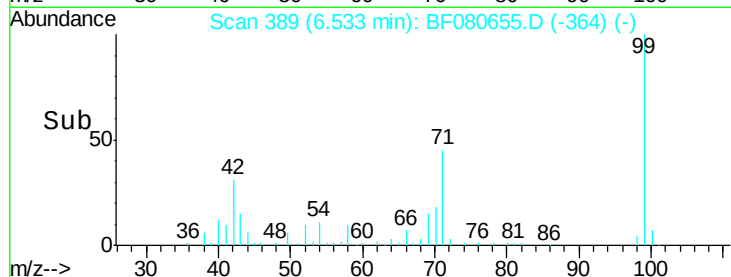
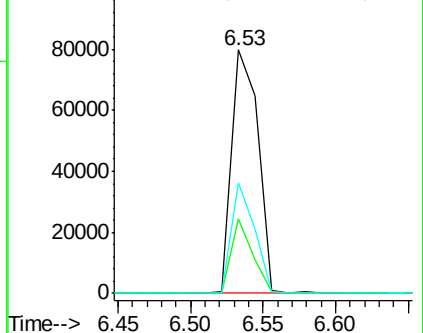
71 45.4 29.7 44.5#



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: BF080655.D

Acq: 25 Jul 2015 7:27

Tgt Ion: 136 Resp: 185305

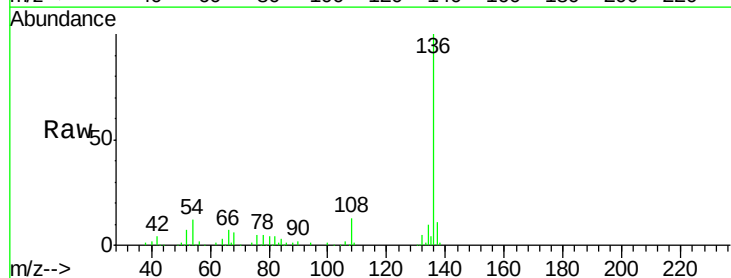
Ion Ratio Lower Upper

136 100

137 10.6 9.3 13.9

54 12.2 11.6 17.4

68 6.3 5.0 7.4

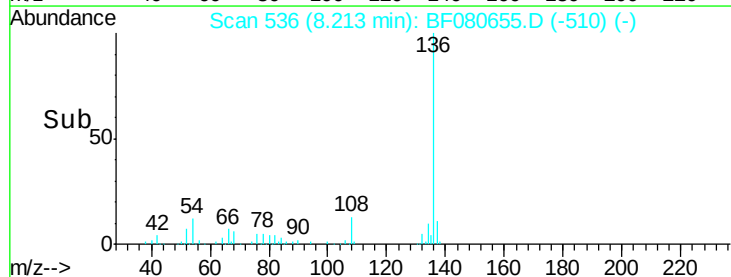
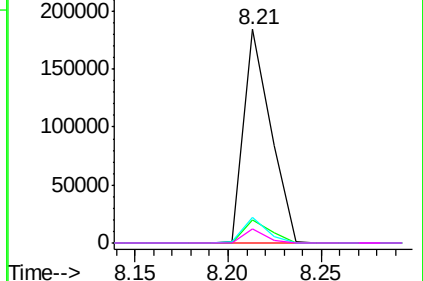


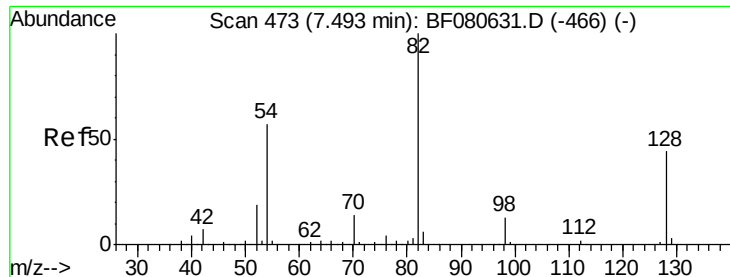
Abundance Ion 136.00 (135.70 to 136.70): E

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

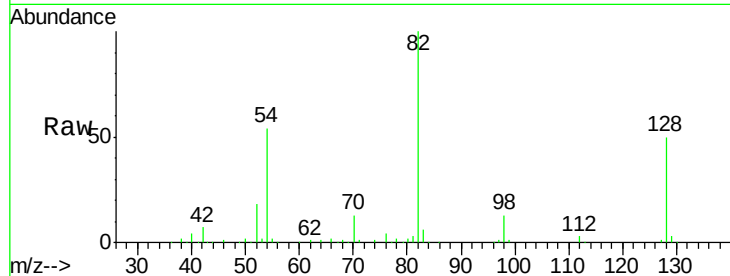




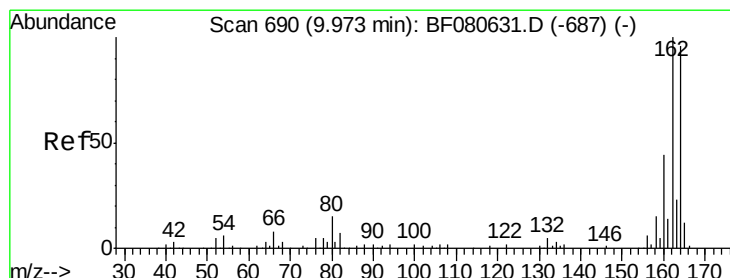
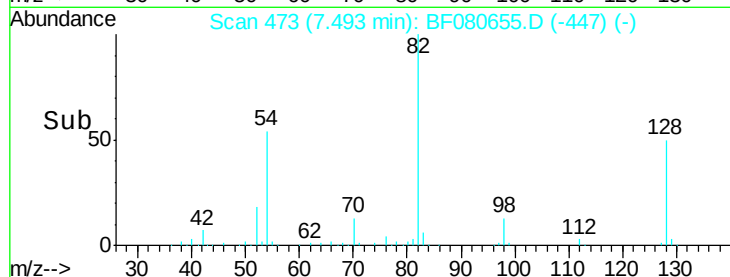
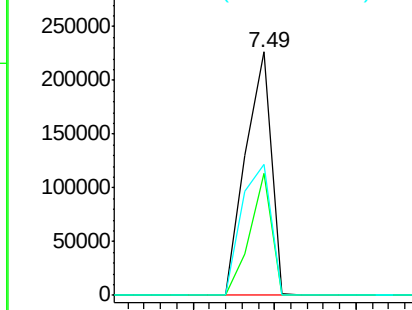
#23
 Nitrobenzene-d5
 Concen: 66.73 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.00 min
 Lab File: BF080655.D
 Acq: 25 Jul 2015 7:27

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.2	34.8	52.2
54	53.9	45.4	68.0

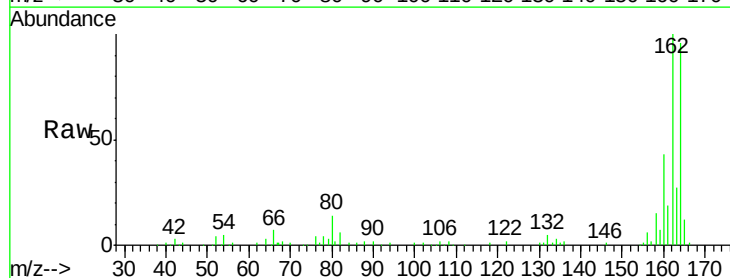


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

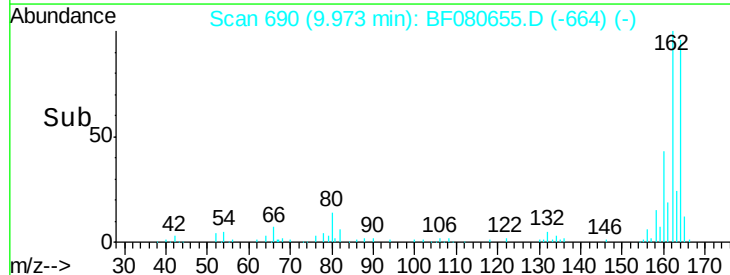
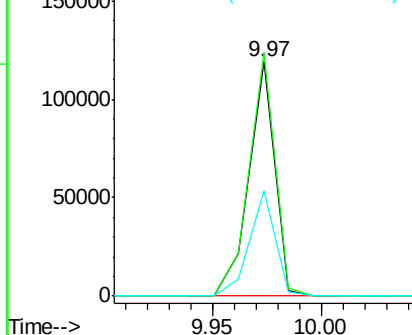


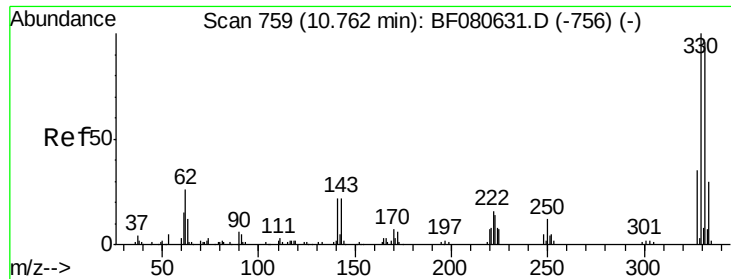
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF080655.D
 Acq: 25 Jul 2015 7:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.3	124.9
160	44.8	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

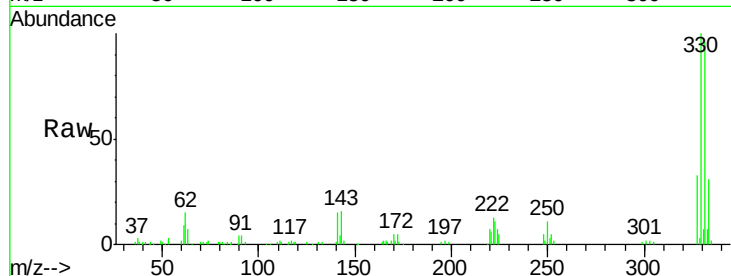




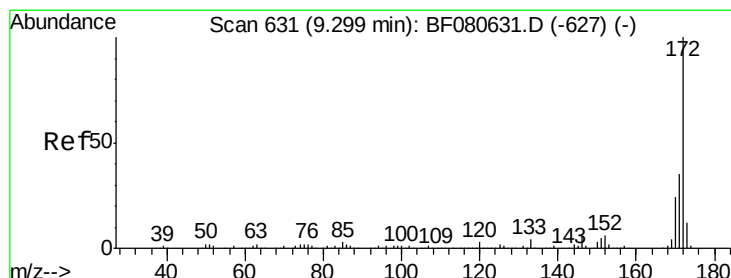
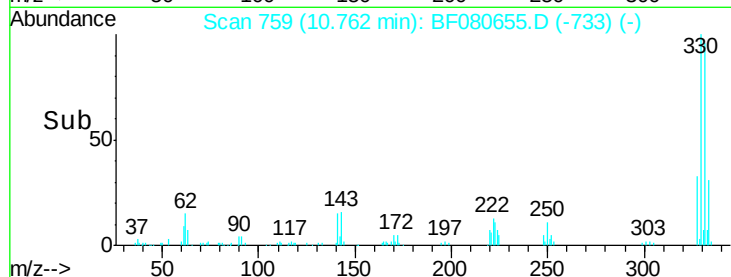
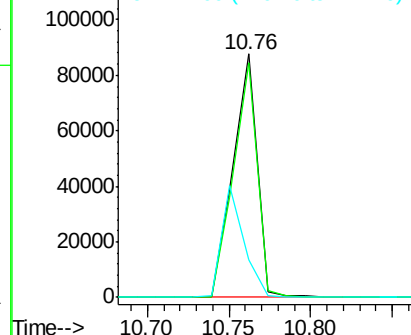
#41
 2,4,6-Tribromophenol
 Concen: 100.20 ng
 RT: 10.76 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF080655.D
 Acq: 25 Jul 2015 7:27

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

Tgt Ion:330 Resp: 88644
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.7 115.1
 141 42.4 32.7 49.1

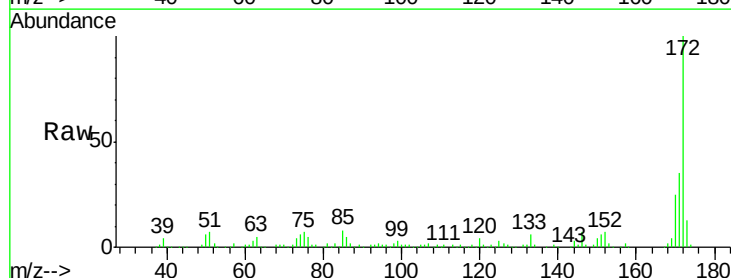


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

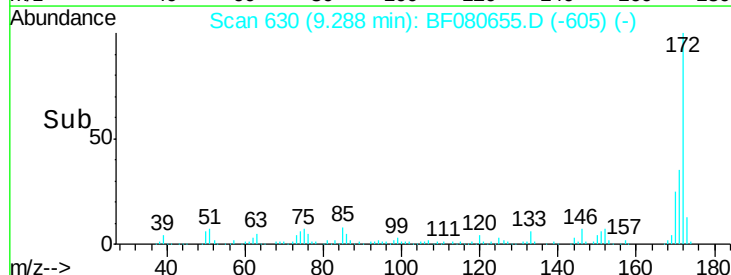
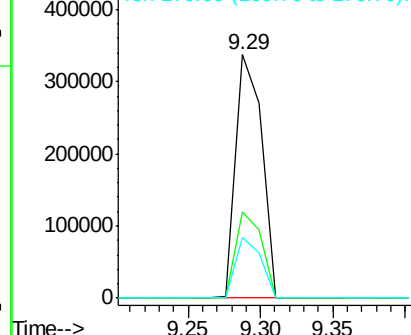


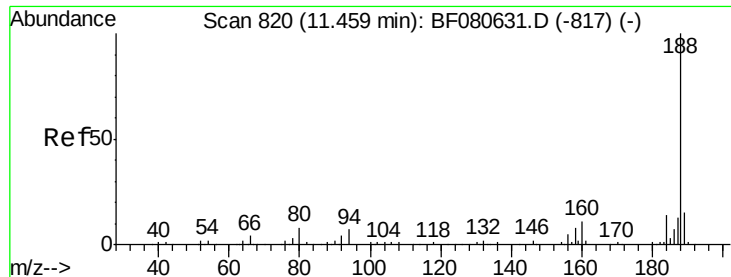
#44
 2-Fluorobiphenyl
 Concen: 65.87 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF080655.D
 Acq: 25 Jul 2015 7:27

Tgt Ion:172 Resp: 420361
 Ion Ratio Lower Upper
 172 100
 171 35.5 27.7 41.5
 170 24.9 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

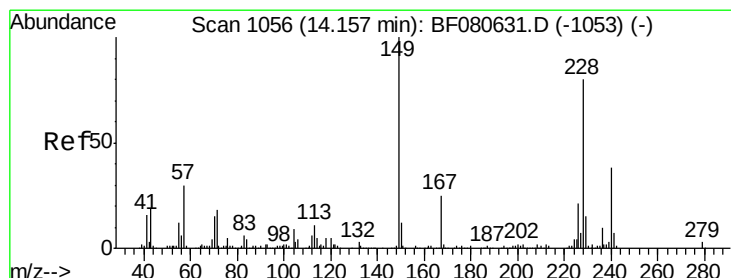
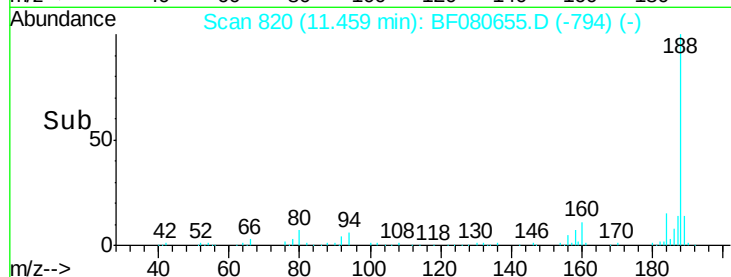
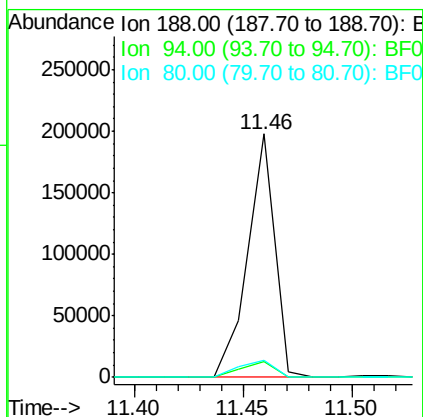
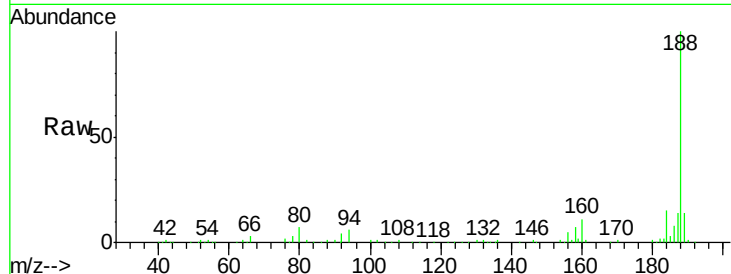




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF080655.D
Acq: 25 Jul 2015 7:27

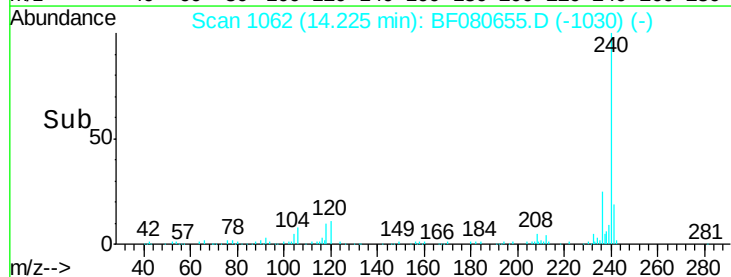
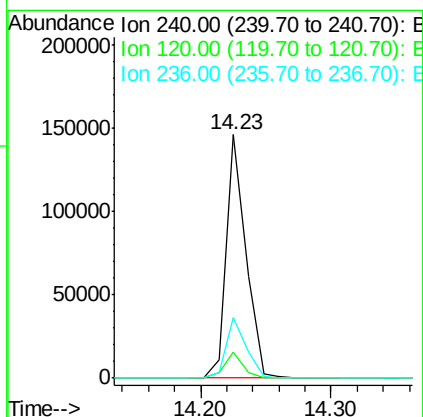
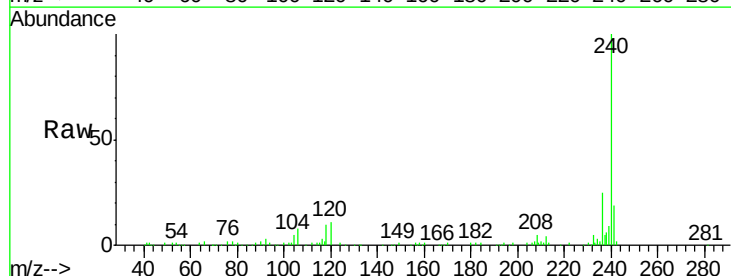
Instrument :
BNA_F
ClientSampleId :
MW-7-7-22-15

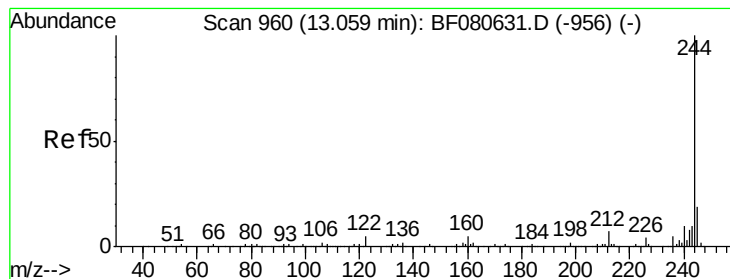
Tgt Ion:188 Resp: 170704
Ion Ratio Lower Upper
188 100
94 6.2 5.6 8.4
80 6.8 6.1 9.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.23 min Scan# 1062
Delta R.T. 0.07 min
Lab File: BF080655.D
Acq: 25 Jul 2015 7:27

Tgt Ion:240 Resp: 152964
Ion Ratio Lower Upper
240 100
120 10.6 10.8 16.2#
236 25.1 20.3 30.5





#78

Terphenyl-d14

Concen: 64.22 ng

RT: 13.07 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF080655.D

Acq: 25 Jul 2015 7:27

Instrument :

BNA_F

ClientSampleId :

MW-7-7-22-15

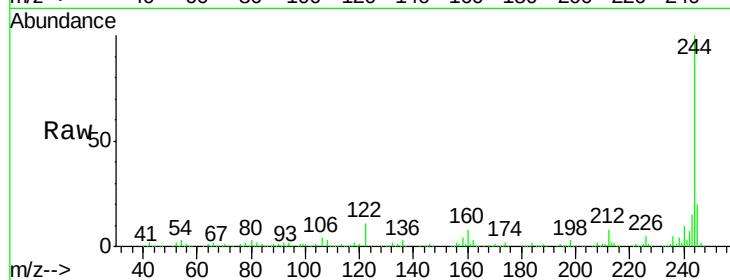
Tgt Ion:244 Resp: 456241

Ion Ratio Lower Upper

244 100

212 8.1 5.2 7.8#

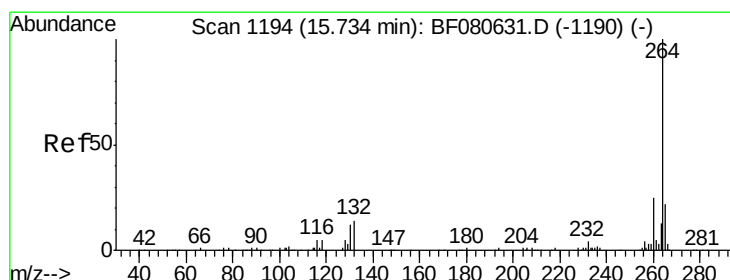
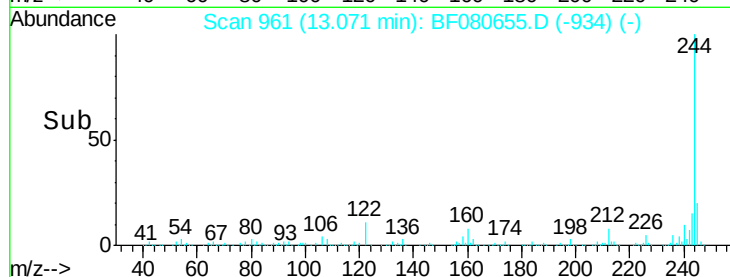
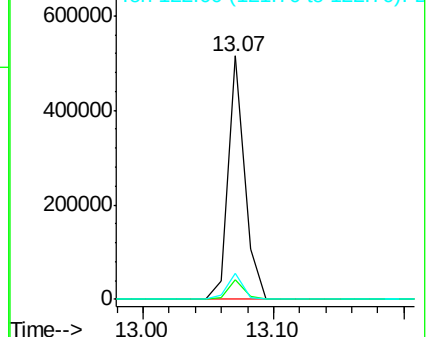
122 10.9 4.1 6.1#



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: 15.87 min Scan# 1206

Delta R.T. 0.14 min

Lab File: BF080655.D

Acq: 25 Jul 2015 7:27

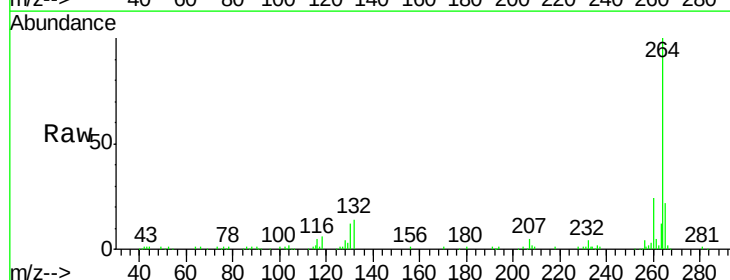
Tgt Ion:264 Resp: 140108

Ion Ratio Lower Upper

264 100

260 24.4 20.1 30.1

265 21.6 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

