

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080639.D
 Acq On : 24 Jul 2015 21:49
 Operator : TP/UM
 Sample : G3079-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-7-22-15

Quant Time: Jul 25 05:35:28 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	51630	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	189817	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	99619	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	183315	20.00	ng	0.00
75) Chrysene-d12	14.21	240	164916	20.00	ng	0.06
86) Perylene-d12	15.83	264	152846	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	173405	56.55	ng	0.00
7) Phenol-d6	6.53	99	121450	33.16	ng	-0.01
23) Nitrobenzene-d5	7.49	82	303212	80.22	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	107581	120.20	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	518904	80.37	ng	0.00
78) Terphenyl-d14	13.07	244	579205	75.62	ng	0.01

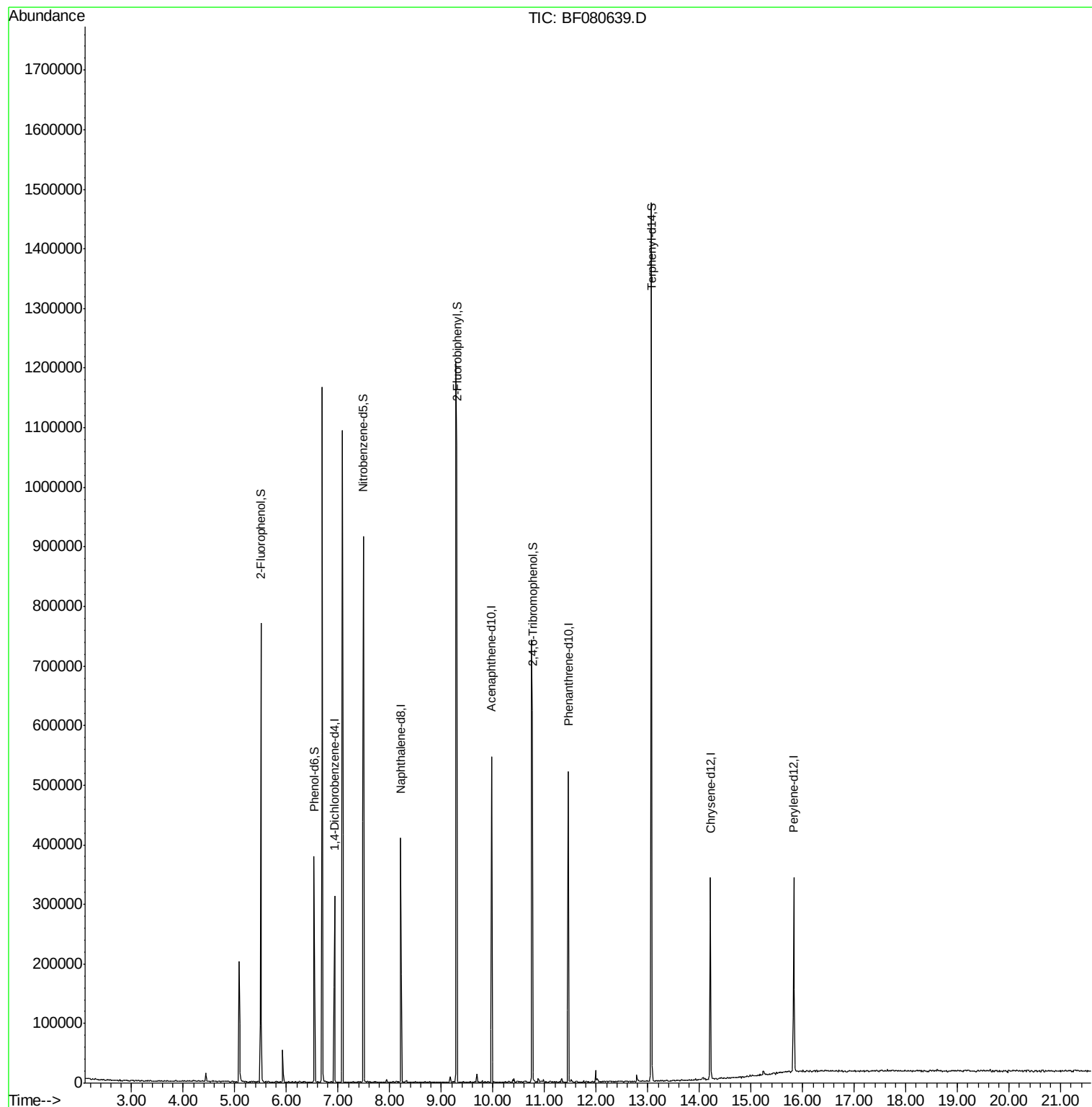
Target Compounds	Qvalue
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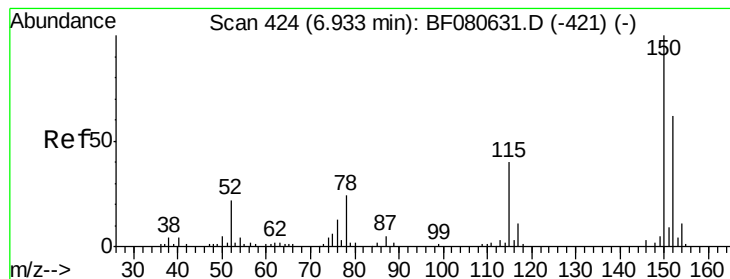
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF080639.D

Acq: 24 Jul 2015 21:49

Instrument :

BNA_F

ClientSampleId :

MW-1-7-22-15

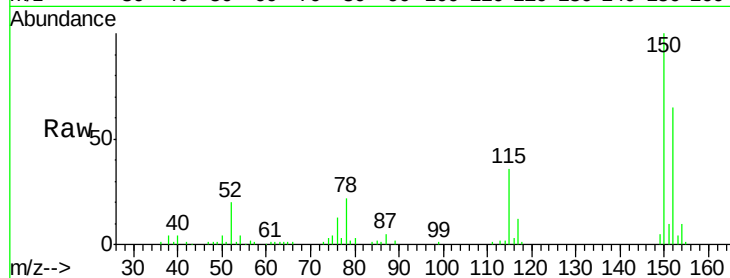
Tgt Ion:152 Resp: 51630

Ion Ratio Lower Upper

152 100

150 154.0 128.9 193.3

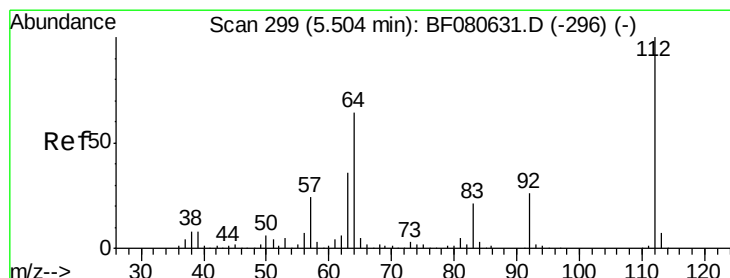
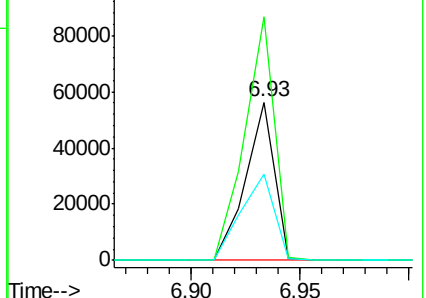
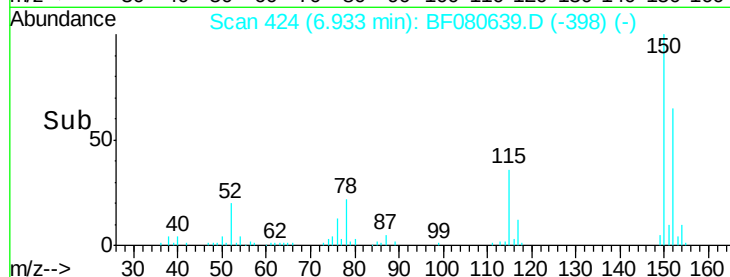
115 54.8 51.0 76.6



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: 56.55 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.00 min

Lab File: BF080639.D

Acq: 24 Jul 2015 21:49

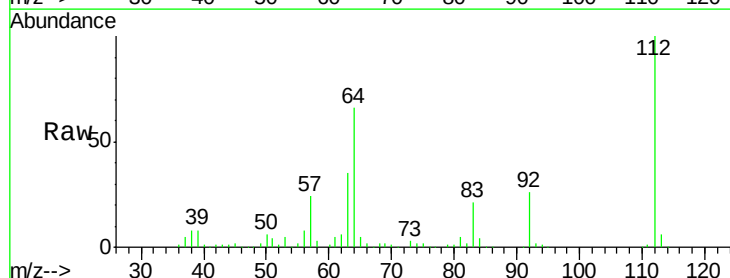
Tgt Ion:112 Resp: 173405

Ion Ratio Lower Upper

112 100

64 65.8 51.2 76.8

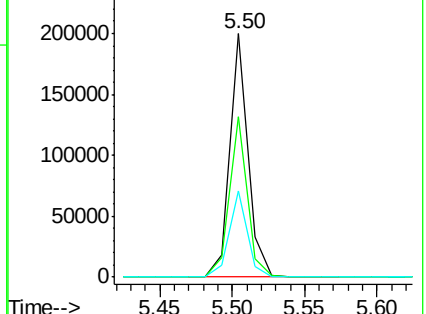
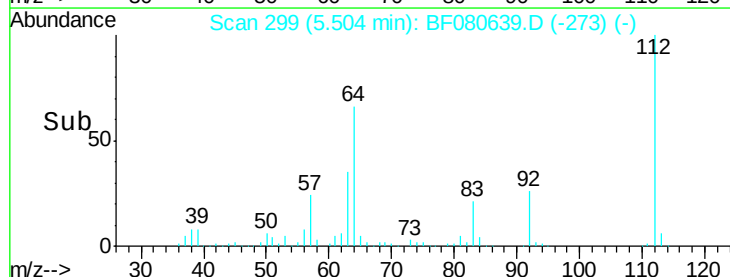
63 35.2 29.0 43.6

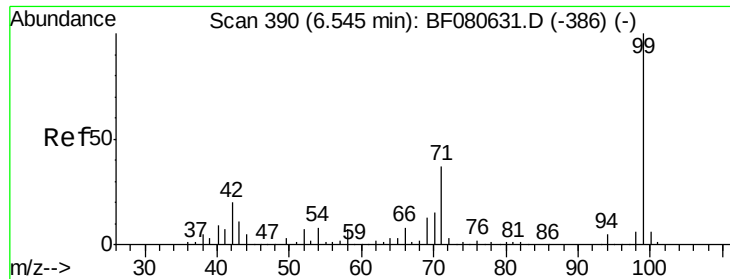


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.16 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF080639.D

Acq: 24 Jul 2015 21:49

Instrument :

BNA_F

ClientSampleId :

MW-1-7-22-15

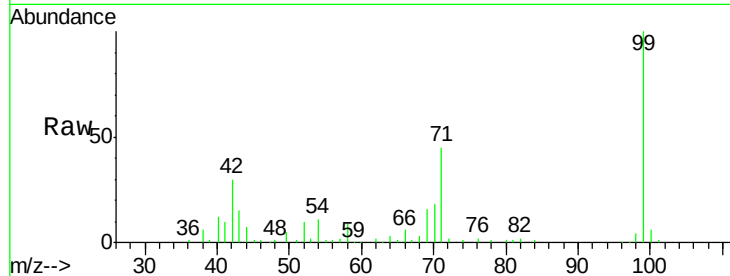
Tgt Ion: 99 Resp: 121450

Ion Ratio Lower Upper

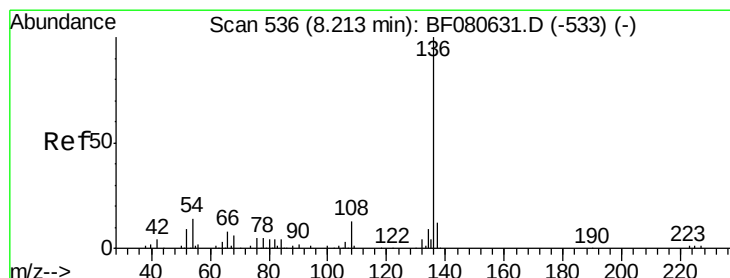
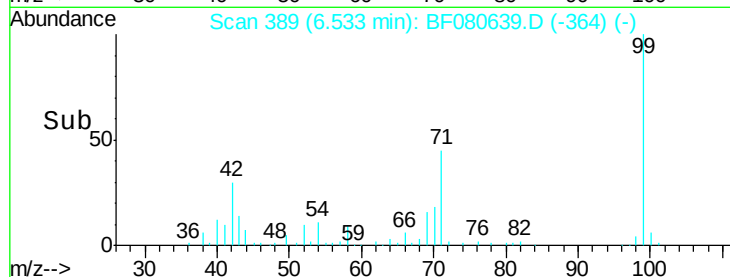
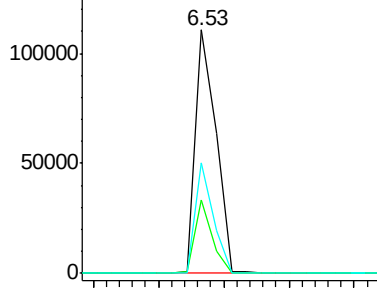
99 100

42 30.2 16.3 24.5#

71 45.3 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: BF080639.D

Acq: 24 Jul 2015 21:49

Tgt Ion: 136 Resp: 189817

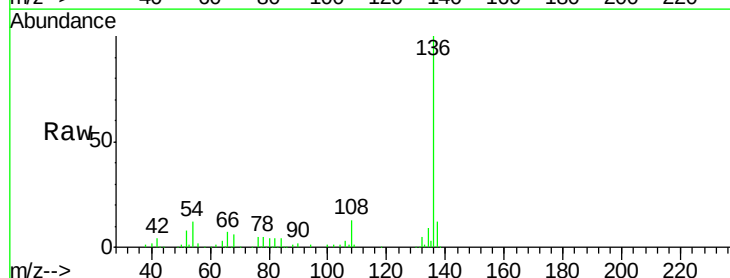
Ion Ratio Lower Upper

136 100

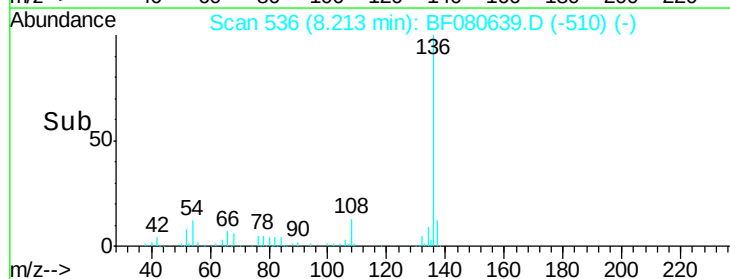
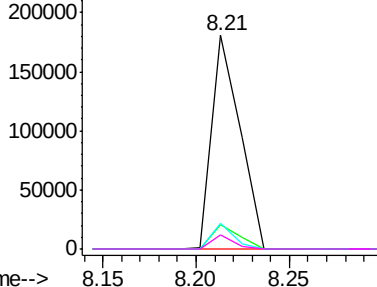
137 11.6 9.3 13.9

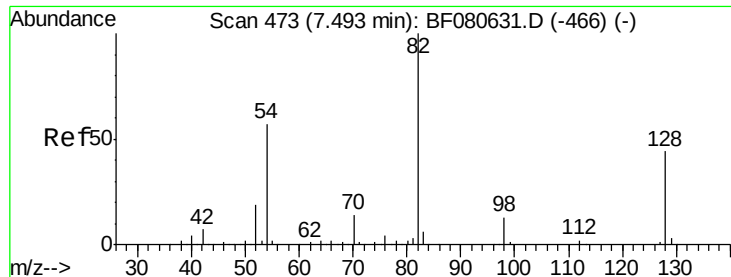
54 12.0 11.6 17.4

68 6.4 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

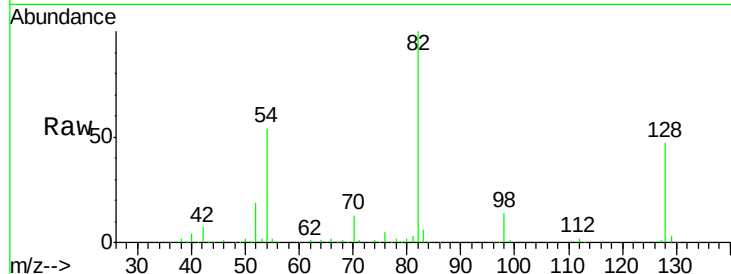




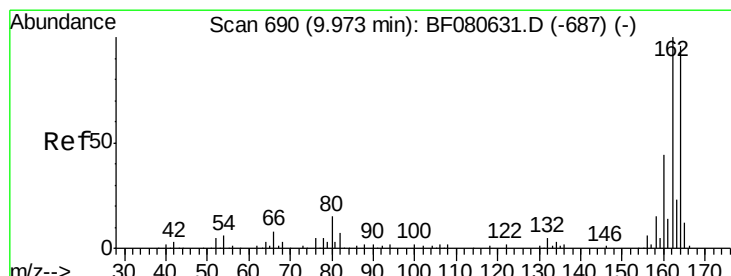
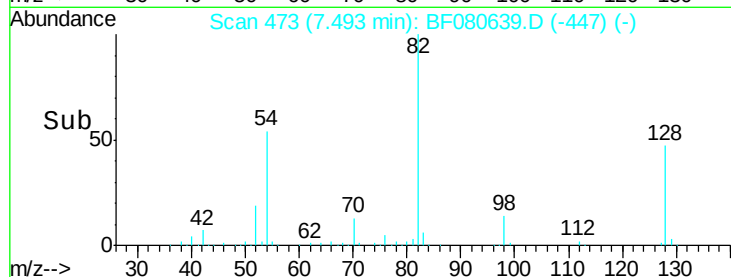
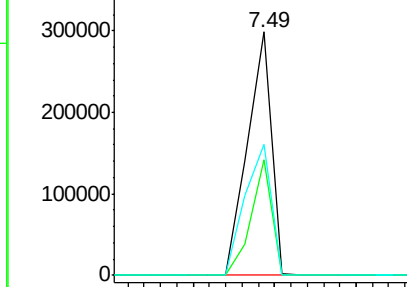
#23
 Nitrobenzene-d5
 Concen: 80.22 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.00 min
 Lab File: BF080639.D
 Acq: 24 Jul 2015 21:49

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-7-22-15

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.8	52.2
54	54.0	45.4	68.0

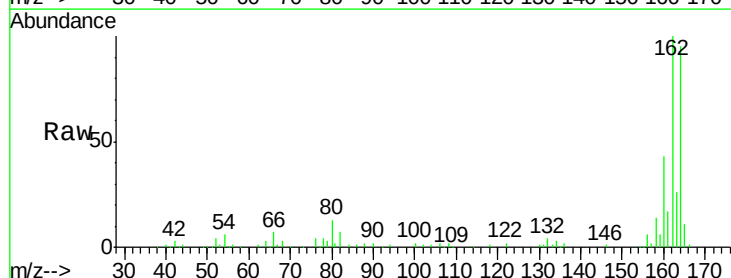


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

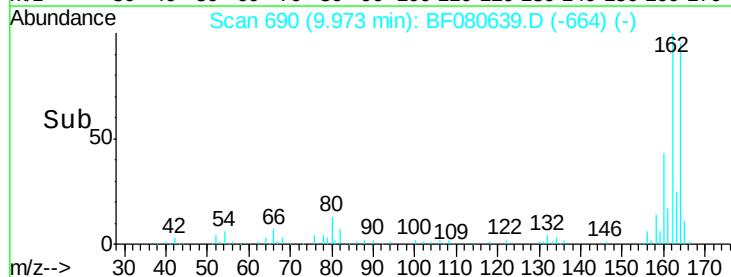
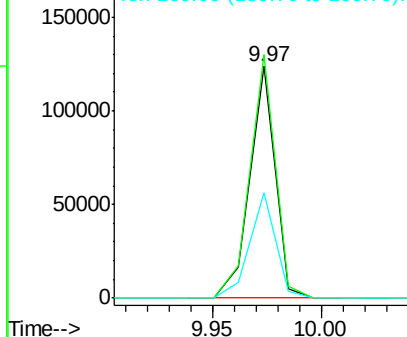


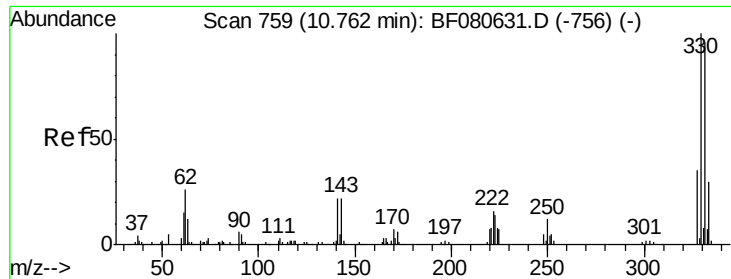
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF080639.D
 Acq: 24 Jul 2015 21:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	83.3	124.9
160	45.6	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

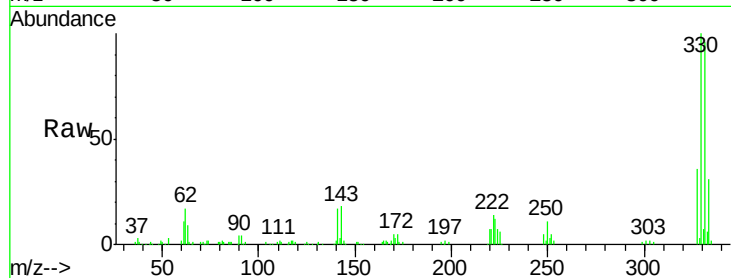




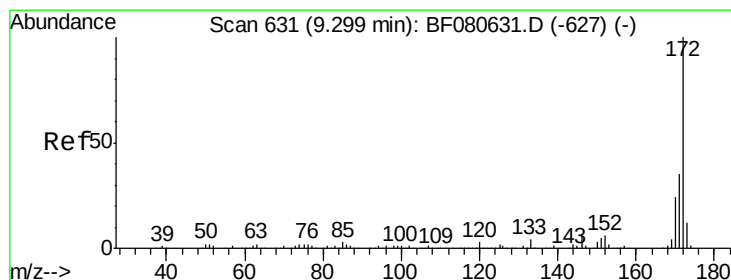
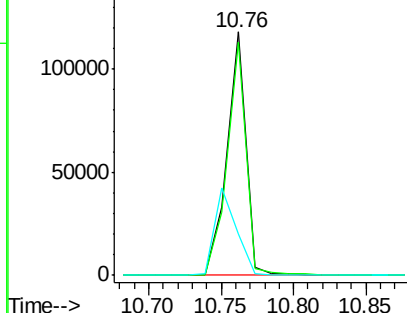
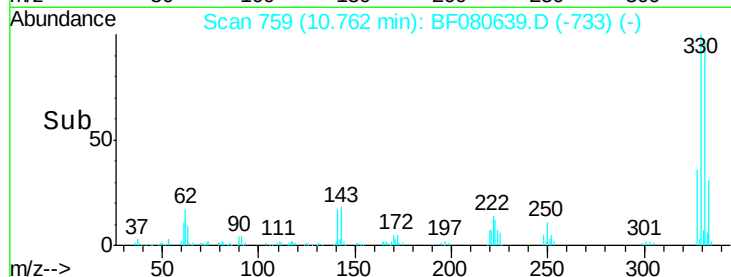
#41
 2,4,6-Tribromophenol
 Concen: 120.20 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF080639.D
 Acq: 24 Jul 2015 21:49

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-7-22-15

Tgt Ion:330 Resp: 107581
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.7 115.1
 141 41.0 32.7 49.1

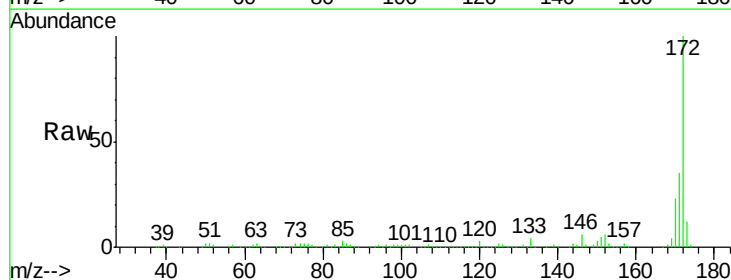


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

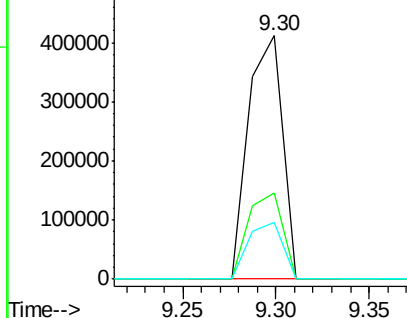
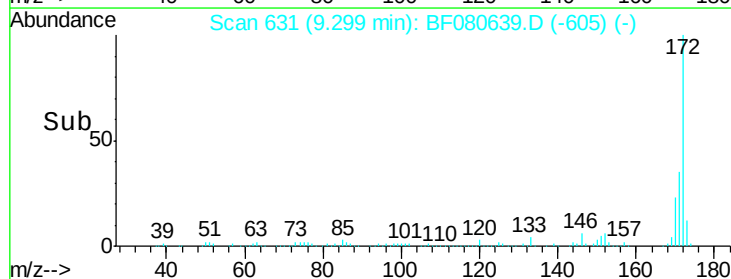


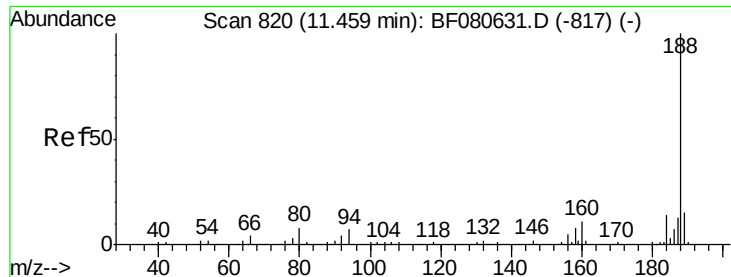
#44
 2-Fluorobiphenyl
 Concen: 80.37 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF080639.D
 Acq: 24 Jul 2015 21:49

Tgt Ion:172 Resp: 518904
 Ion Ratio Lower Upper
 172 100
 171 35.2 27.7 41.5
 170 23.3 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

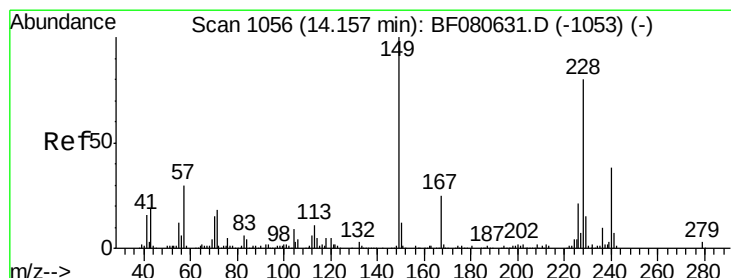
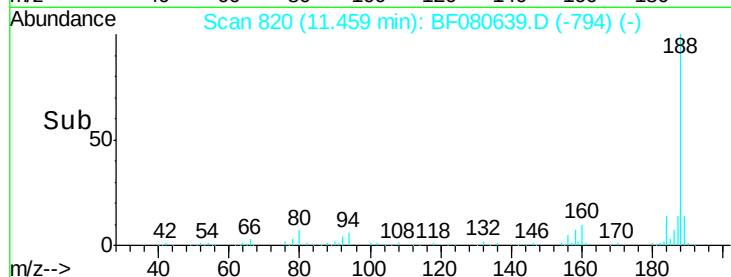
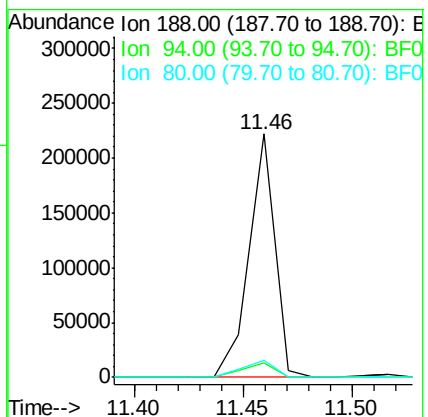
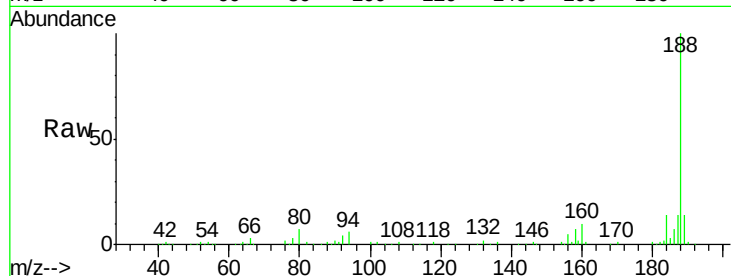




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF080639.D
Acq: 24 Jul 2015 21:49

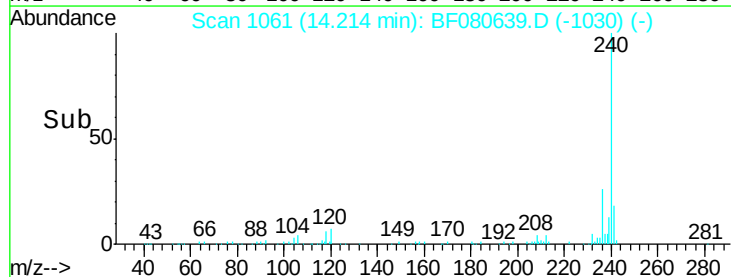
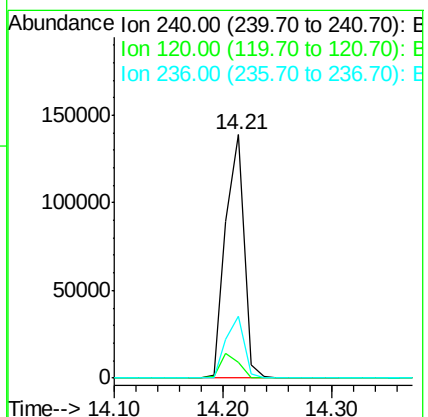
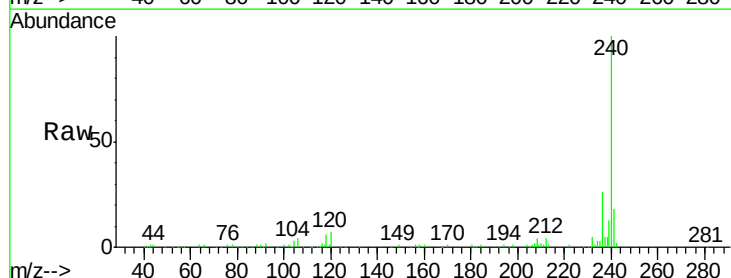
Instrument :
BNA_F
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MW-1-7-22-15

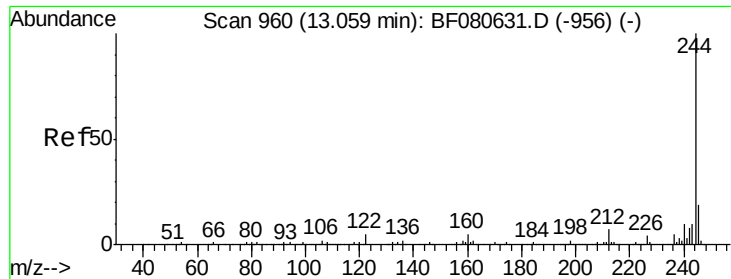
Tgt Ion:188 Resp: 183315
Ion Ratio Lower Upper
188 100
94 6.1 5.6 8.4
80 6.8 6.1 9.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.21 min Scan# 1061
Delta R.T. 0.06 min
Lab File: BF080639.D
Acq: 24 Jul 2015 21:49

Tgt Ion:240 Resp: 164916
Ion Ratio Lower Upper
240 100
120 6.6 10.8 16.2#
236 25.6 20.3 30.5

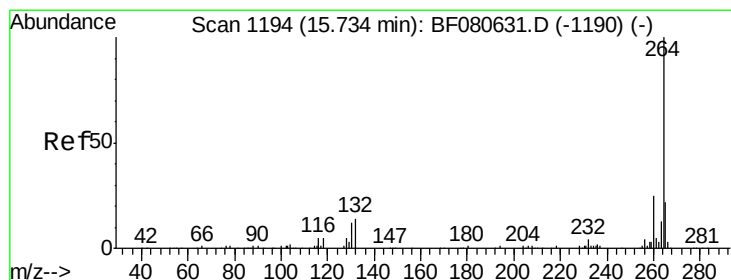
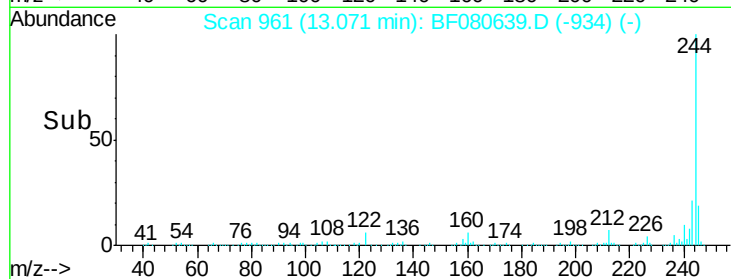
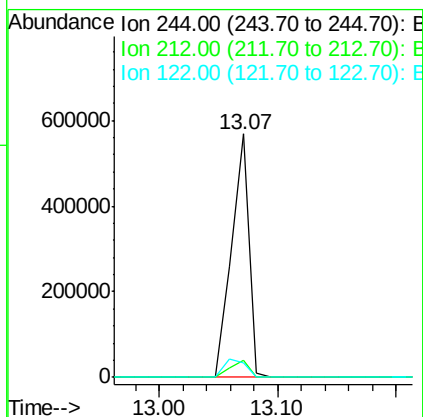
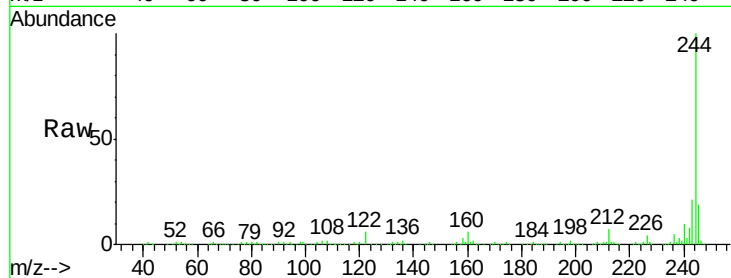




#78
 Terphenyl-d14
 Concen: 75.62 ng
 RT: 13.07 min Scan# 961
 Delta R.T. 0.01 min
 Lab File: BF080639.D
 Acq: 24 Jul 2015 21:49

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-7-22-15

Tgt Ion:244 Resp: 579205
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.2 7.8
 122 6.0 4.1 6.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.83 min Scan# 1202
 Delta R.T. 0.09 min
 Lab File: BF080639.D
 Acq: 24 Jul 2015 21:49

Tgt Ion:264 Resp: 152846
 Ion Ratio Lower Upper
 264 100
 260 22.3 20.1 30.1
 265 20.5 17.4 26.0

