

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061715\
 Data File : BF080035.D
 Acq On : 17 Jun 2015 21:30
 Operator : TP/IZ
 Sample : G2649-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AST-HB-001

Quant Time: Jun 18 01:00:49 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

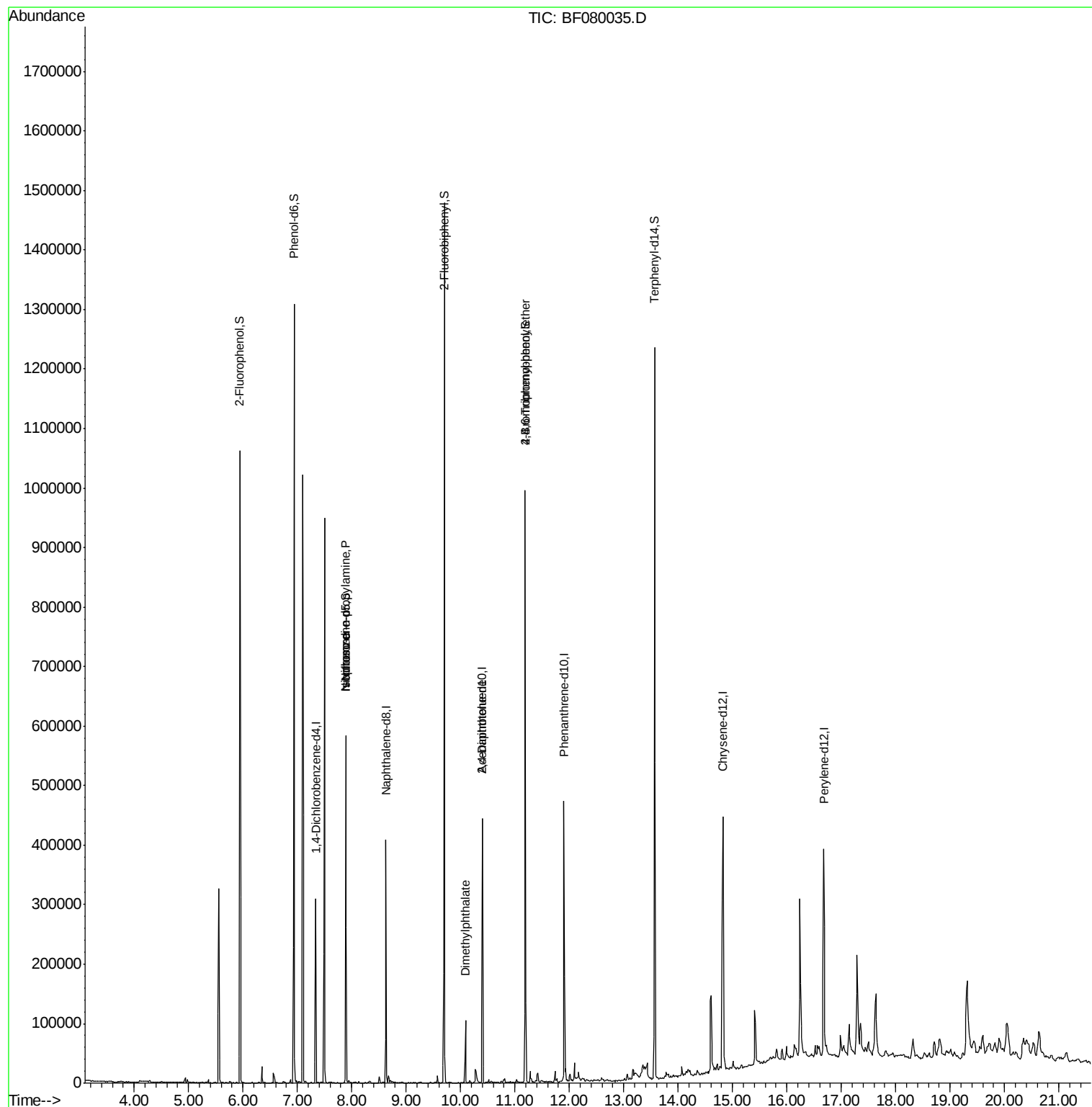
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	42537	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	166049	20.00	ng	0.00
38) Acenaphthene-d10	10.40	164	84526	20.00	ng	0.00
63) Phenanthrene-d10	11.90	188	166275	20.00	ng	-0.01
75) Chrysene-d12	14.83	240	196897	20.00	ng	-0.03
86) Perylene-d12	16.68	264	195966	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	280254	116.63	ng	0.00
7) Phenol-d6	6.94	99	400042	125.10	ng	0.00
23) Nitrobenzene-d5	7.89	82	201294	70.57	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	100629	121.75	ng	-0.01
44) 2-Fluorobiphenyl	9.70	172	410137	69.20	ng	0.00
78) Terphenyl-d14	13.57	244	448666	53.22	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.89	70	25564	11.51	ng	# 65
25) Isophorone	7.89	82	199595	34.77	ng	# 58
49) Dimethylphthalate	10.09	163	45968	7.23	ng	# 98
56) 2,4-Dinitrotoluene	10.40	165	10526	6.51	ng	# 31
66) 4-Bromophenyl-phenylether	11.19	248	7319	4.14	ng	# 1

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

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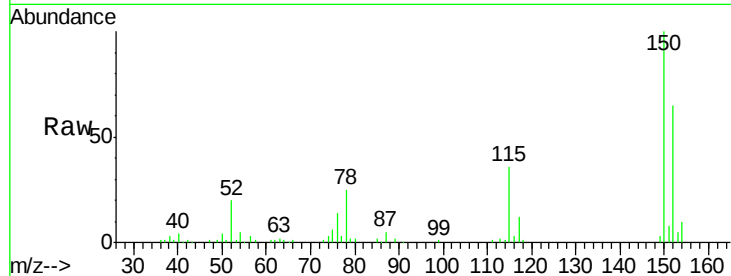




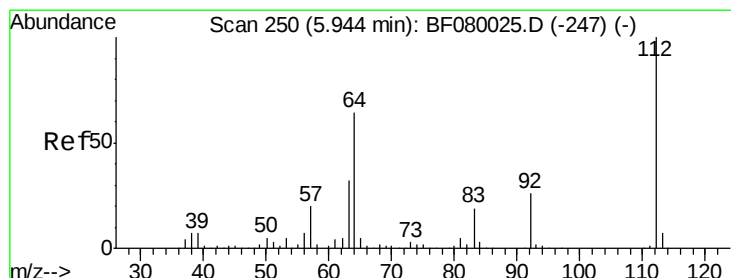
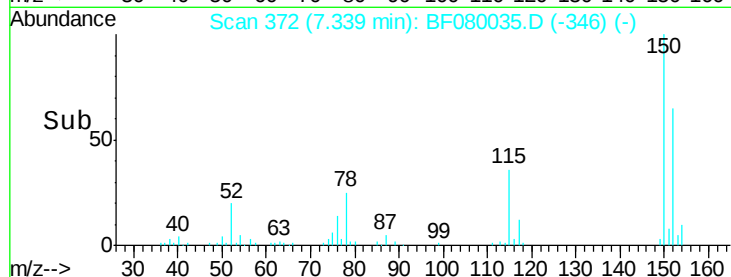
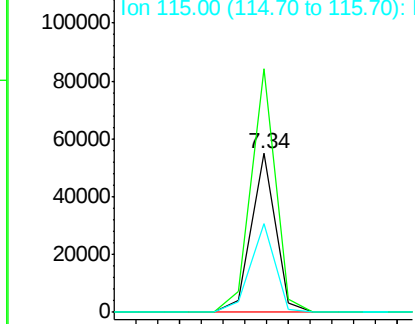
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.34 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: BF080035.D
 Acq: 17 Jun 2015 21:30

Instrument :
 BNA_F
 ClientSampled :
 AST-HB-001

Tgt Ion:152 Resp: 42537
 Ion Ratio Lower Upper
 152 100
 150 153.5 124.7 187.1
 115 56.0 39.0 58.4

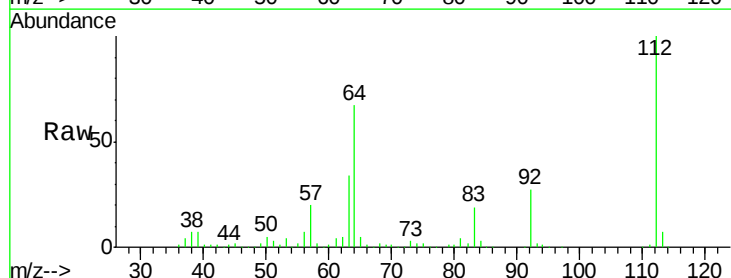


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

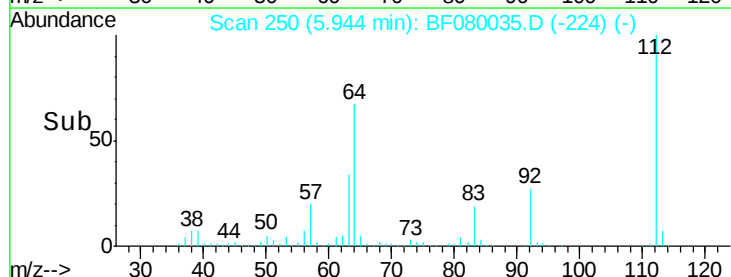
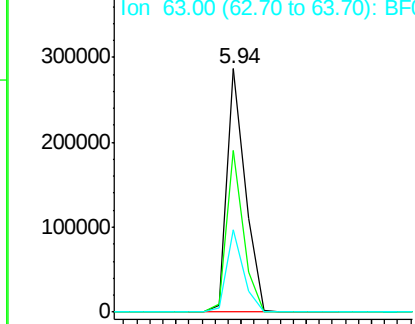


#5
 2-Fluorophenol
 Concen: 116.63 ng
 RT: 5.94 min Scan# 250
 Delta R.T. 0.00 min
 Lab File: BF080035.D
 Acq: 17 Jun 2015 21:30

Tgt Ion:112 Resp: 280254
 Ion Ratio Lower Upper
 112 100
 64 66.6 39.7 59.5#
 63 33.9 17.4 26.0#



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: 125.10 ng

RT: 6.94 min Scan# 337

Delta R.T. 0.00 min

Lab File: BF080035.D

Acq: 17 Jun 2015 21:30

Instrument :

BNA_F

ClientSampleId :

AST-HB-001

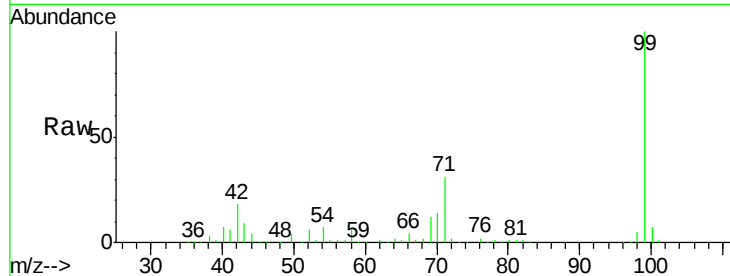
Tgt Ion: 99 Resp: 400042

Ion Ratio Lower Upper

99 100

42 17.5 13.7 20.5

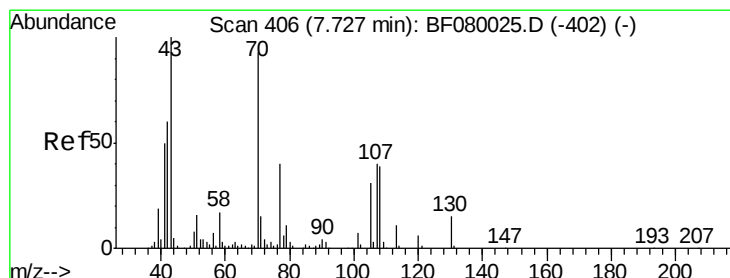
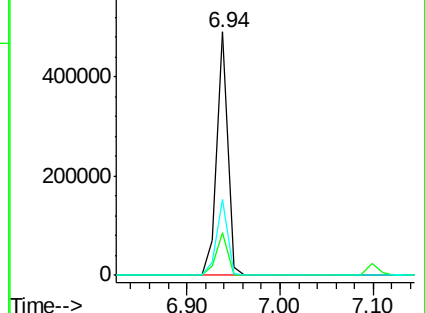
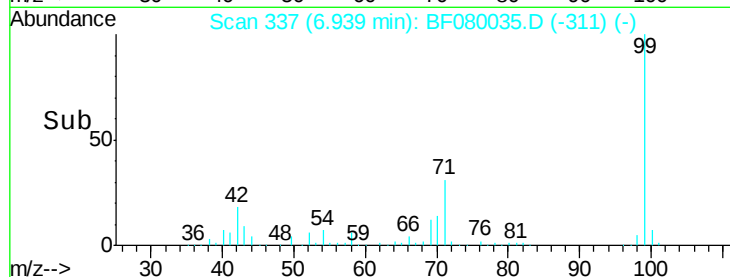
71 30.9 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.51 ng

RT: 7.89 min Scan# 420

Delta R.T. 0.15 min

Lab File: BF080035.D

Acq: 17 Jun 2015 21:30

Tgt Ion: 70 Resp: 25564

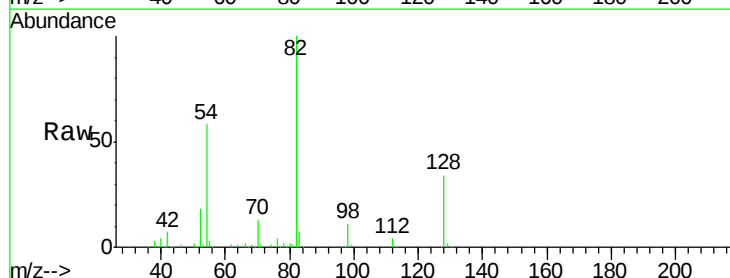
Ion Ratio Lower Upper

70 100

42 56.0 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#

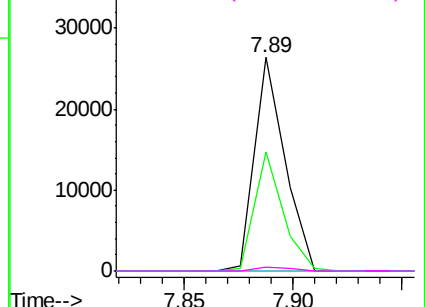
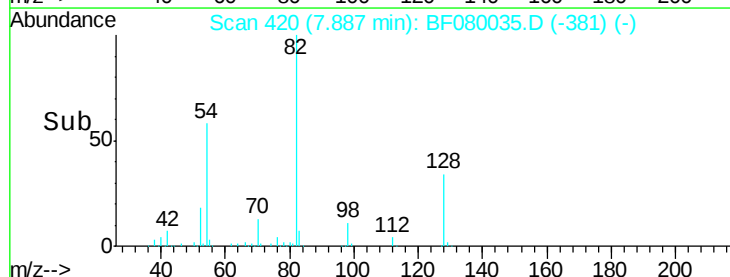


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

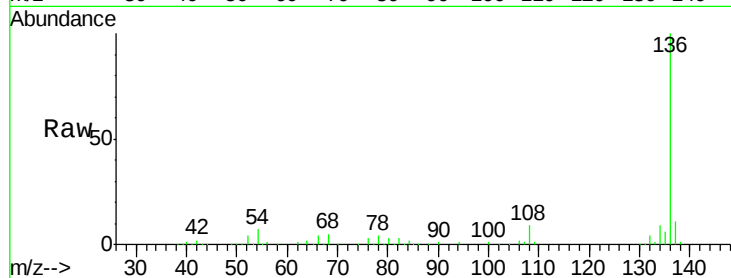




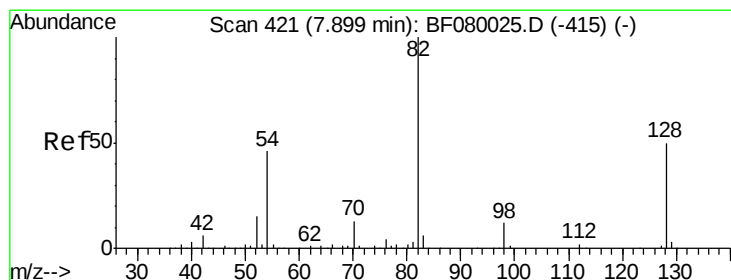
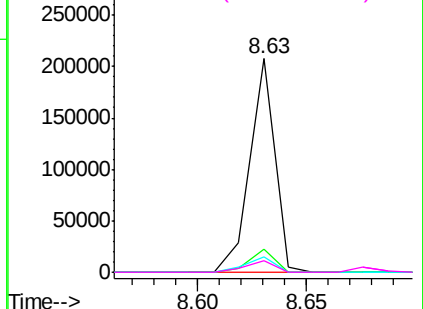
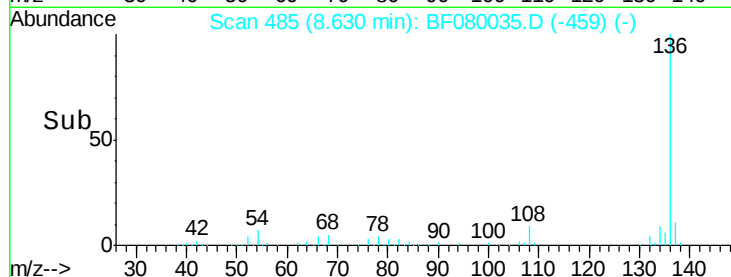
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.63 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF080035.D
Acq: 17 Jun 2015 21:30

Instrument :
BNA_F
ClientSampleId :
AST-HB-001

Tgt Ion:	136	Resp:	166049
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.0	8.2	12.2#
68	5.4	5.8	8.6#

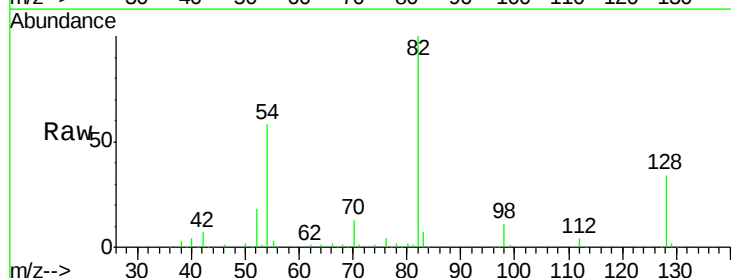


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

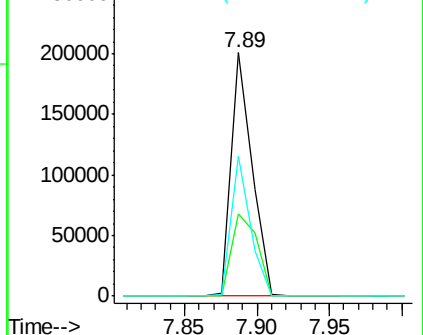
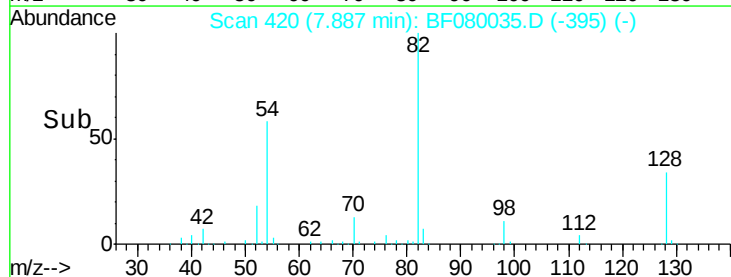


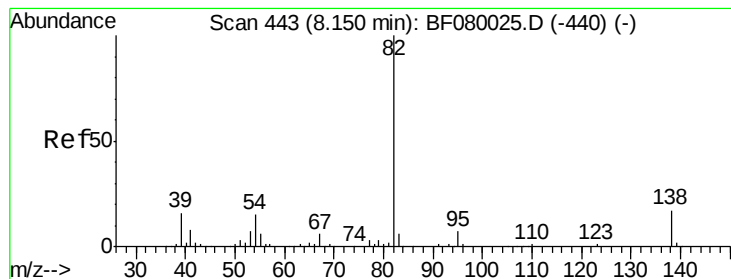
#23
Nitrobenzene-d5
Concen: 70.57 ng
RT: 7.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF080035.D
Acq: 17 Jun 2015 21:30

Tgt Ion:	82	Resp:	201294
Ion	Ratio	Lower	Upper
82	100		
128	33.7	51.0	76.6#
54	57.5	47.5	71.3



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





#25

Isophorone

Concen: 34.77 ng

RT: 7.89 min Scan# 420

Delta R.T. -0.26 min

Lab File: BF080035.D

Acq: 17 Jun 2015 21:30

Instrument :

BNA_F

ClientSampleId :

AST-HB-001

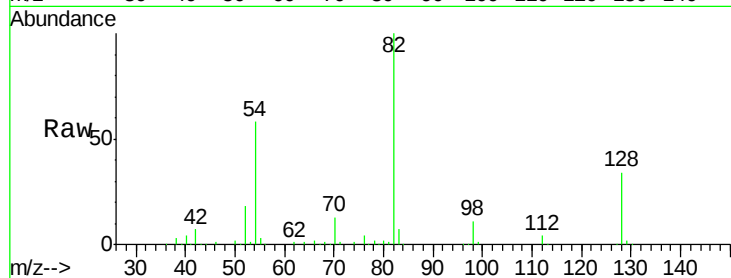
Tgt Ion: 82 Resp: 199595

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

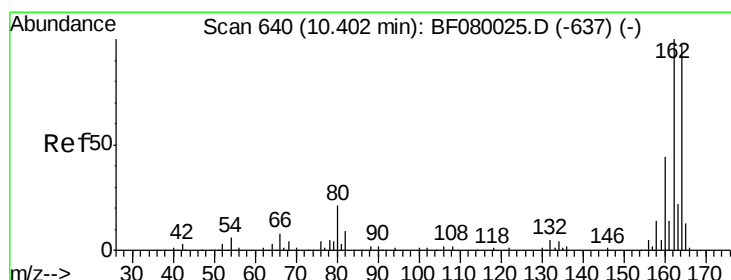
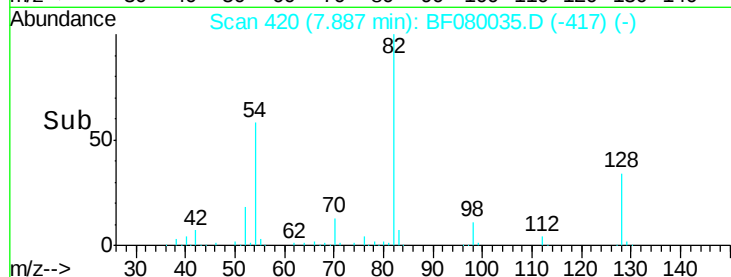
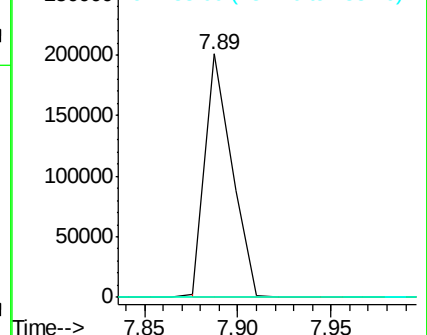
138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.40 min Scan# 640

Delta R.T. 0.00 min

Lab File: BF080035.D

Acq: 17 Jun 2015 21:30

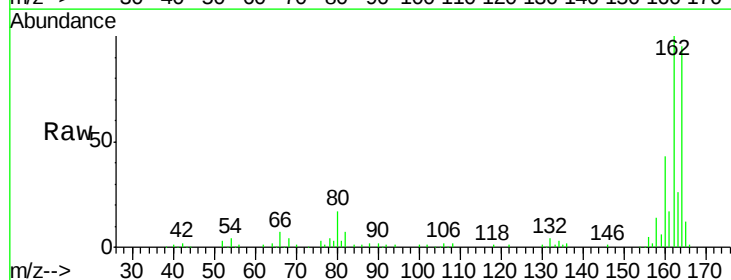
Tgt Ion: 164 Resp: 84526

Ion Ratio Lower Upper

164 100

162 105.1 75.2 112.8

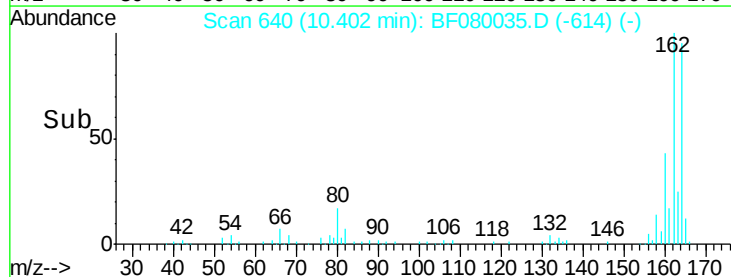
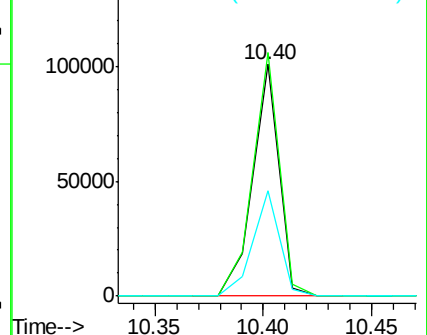
160 45.4 31.5 47.3

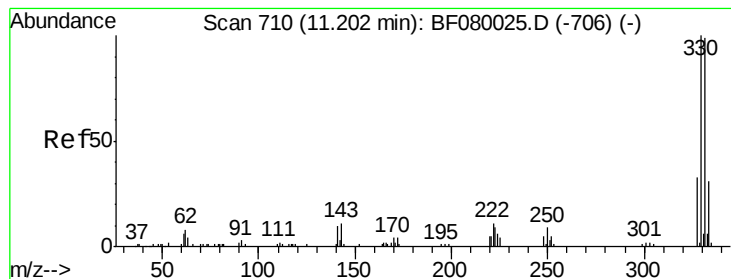


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

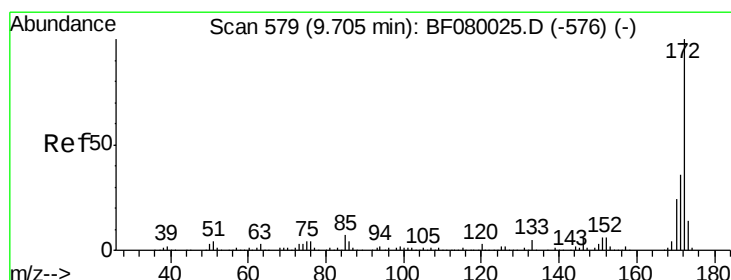
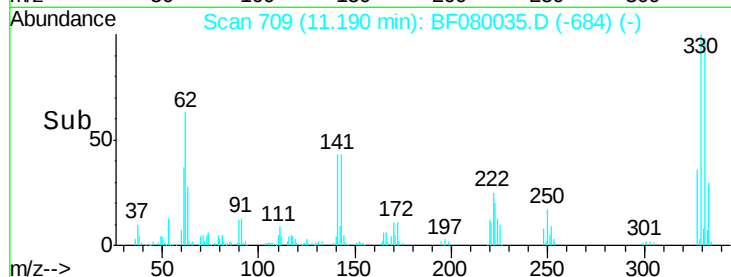
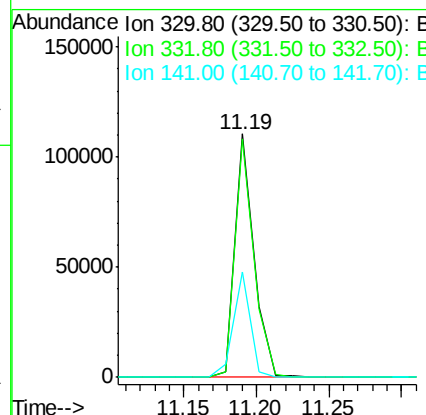
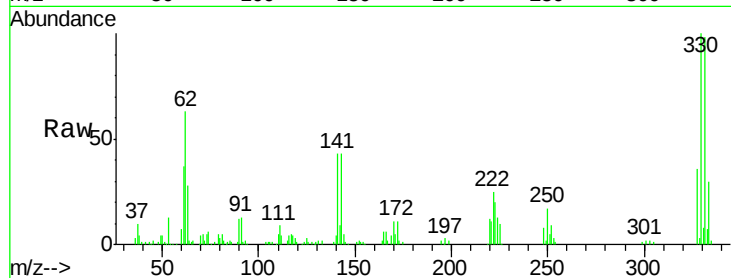




#41
 2,4,6-Tribromophenol
 Concen: 121.75 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080035.D
 Acq: 17 Jun 2015 21:30

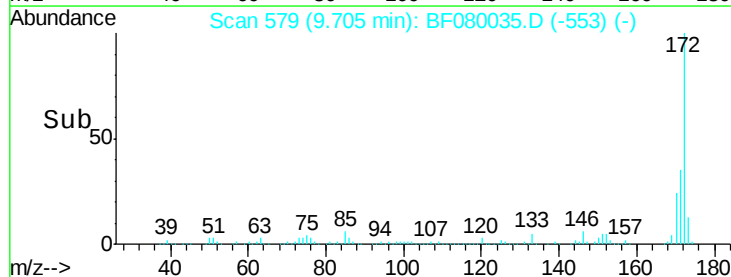
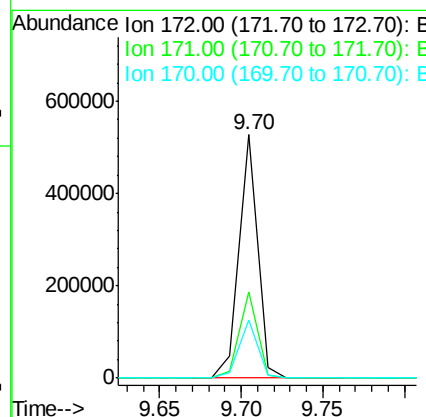
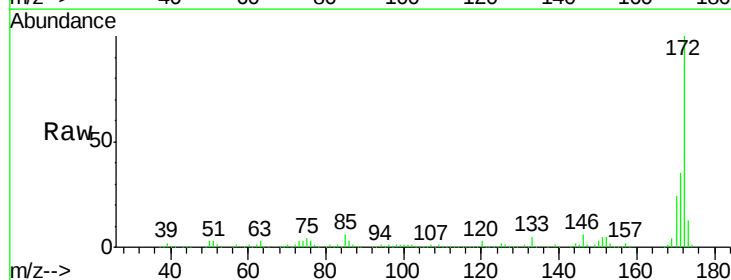
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 BNA_F
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 AST-HB-001

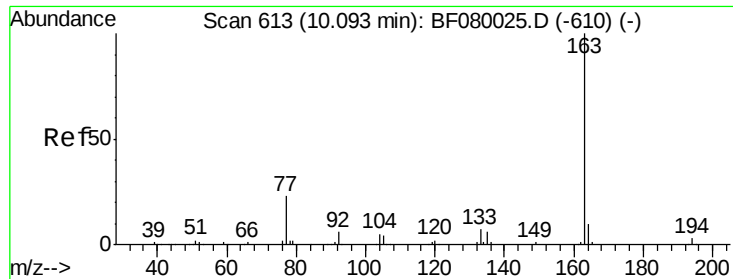
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	114.8
141	38.9	29.7	44.5



#44
 2-Fluorobiphenyl
 Concen: 69.20 ng
 RT: 9.70 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF080035.D
 Acq: 17 Jun 2015 21:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	26.1	39.1
170	23.6	17.4	26.2

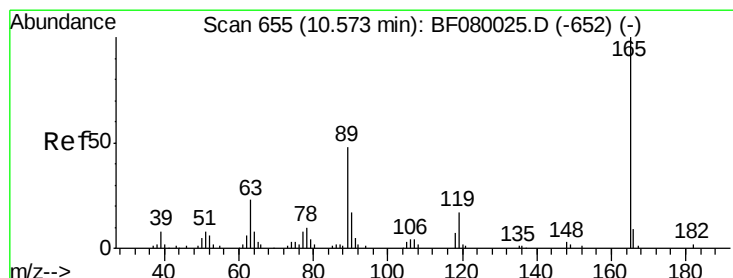
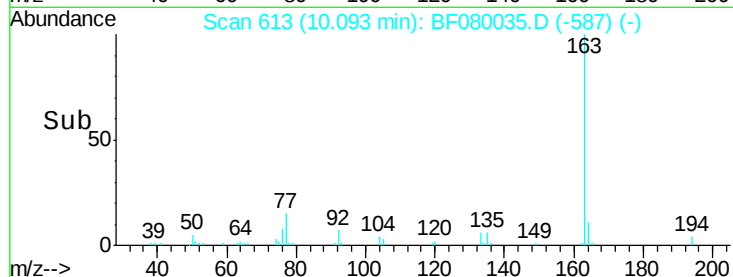
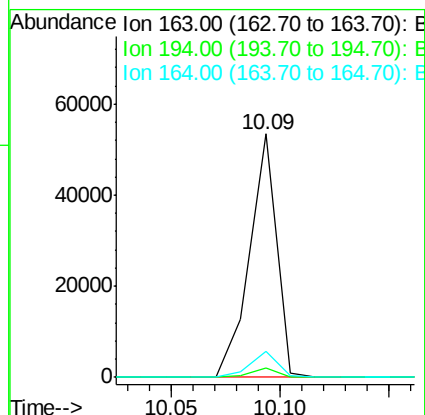
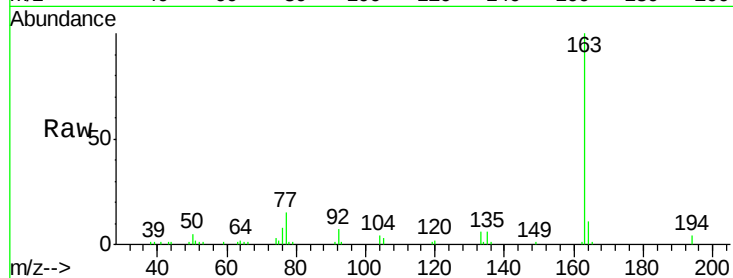




#49
Dimethylphthalate
Concen: 7.23 ng
RT: 10.09 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF080035.D
Acq: 17 Jun 2015 21:30

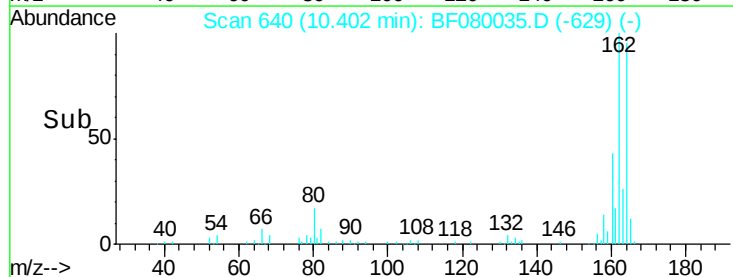
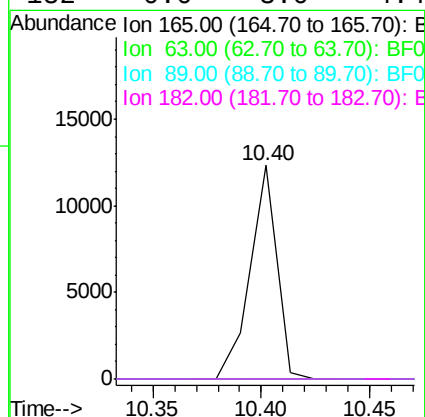
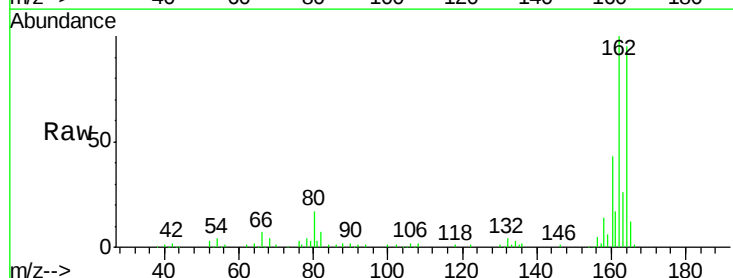
Instrument :
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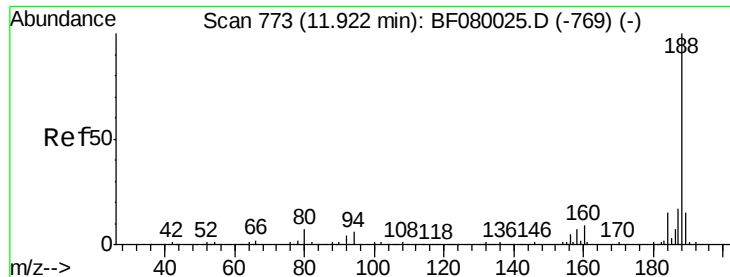
Tgt Ion:163 Resp: 45968
Ion Ratio Lower Upper
163 100
194 3.9 4.4 6.6#
164 10.9 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.51 ng
RT: 10.40 min Scan# 640
Delta R.T. -0.17 min
Lab File: BF080035.D
Acq: 17 Jun 2015 21:30

Tgt Ion:165 Resp: 10526
Ion Ratio Lower Upper
165 100
63 0.0 29.8 44.6#
89 0.0 44.5 66.7#
182 0.0 3.0 4.4#

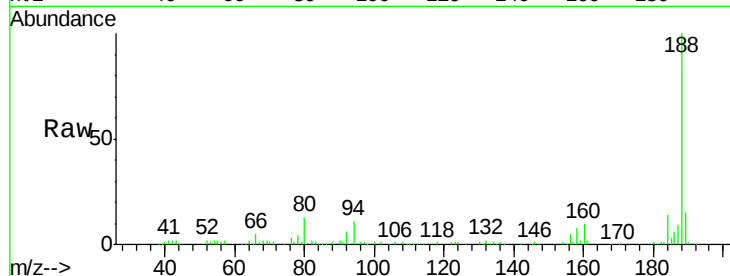




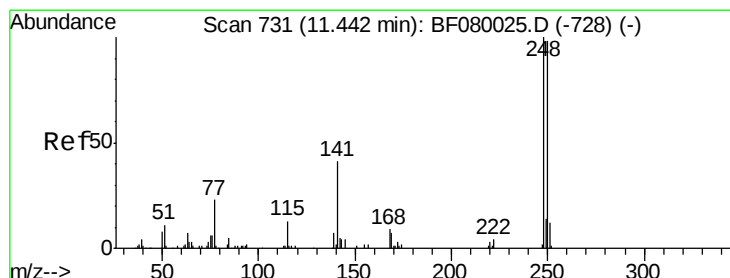
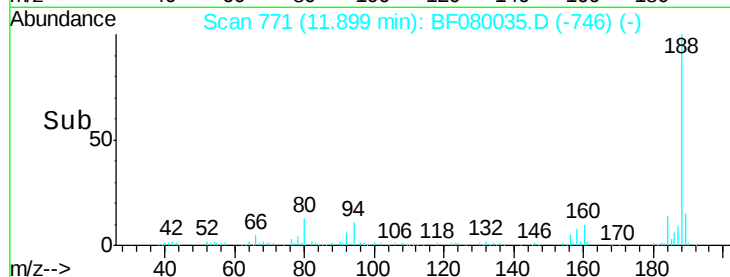
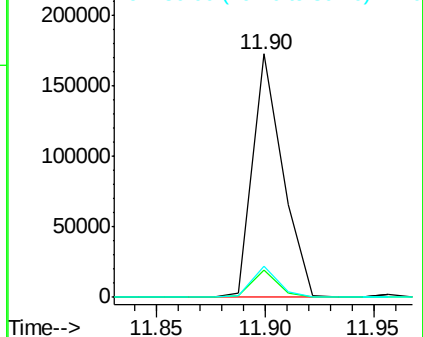
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.90 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF080035.D
 Acq: 17 Jun 2015 21:30

Instrument :
 BNA_F
 ClientSampleId :
 AST-HB-001

Tgt Ion:188 Resp: 166275
 Ion Ratio Lower Upper
 188 100
 94 11.1 11.1 16.7#
 80 12.8 11.0 16.4

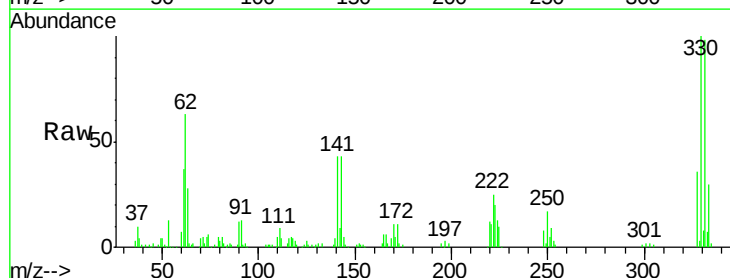


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

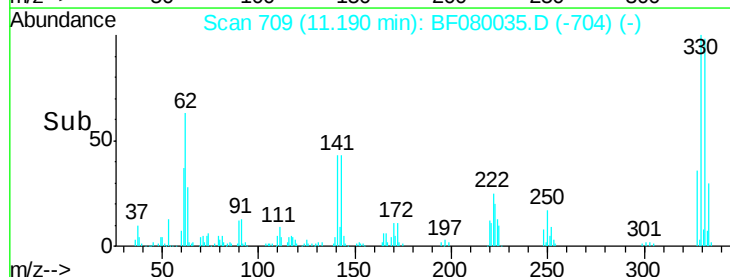
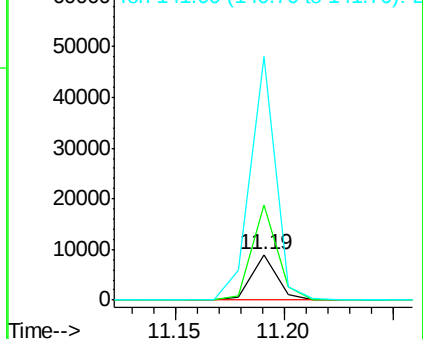


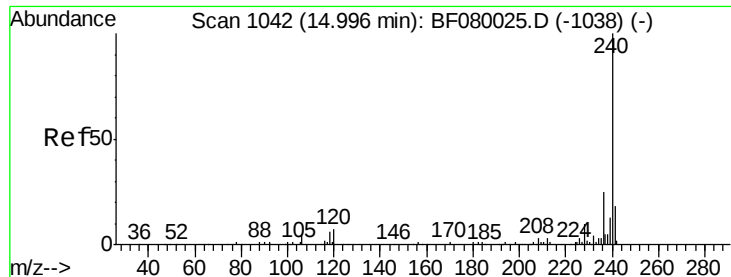
#66
 4-Bromophenyl-phenylether
 Concen: 4.14 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.24 min
 Lab File: BF080035.D
 Acq: 17 Jun 2015 21:30

Tgt Ion:248 Resp: 7319
 Ion Ratio Lower Upper
 248 100
 250 209.9 78.5 117.7#
 141 535.6 59.0 88.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.83 min Scan# 1027

Delta R.T. -0.03 min

Lab File: BF080035.D

Acq: 17 Jun 2015 21:30

Instrument :

BNA_F

ClientSampleId :

AST-HB-001

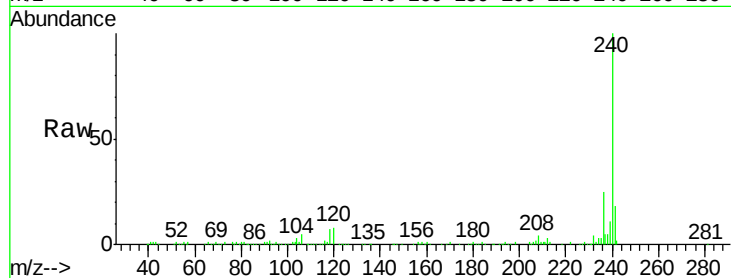
Tgt Ion:240 Resp: 196897

Ion Ratio Lower Upper

240 100

120 7.9 16.2 24.2#

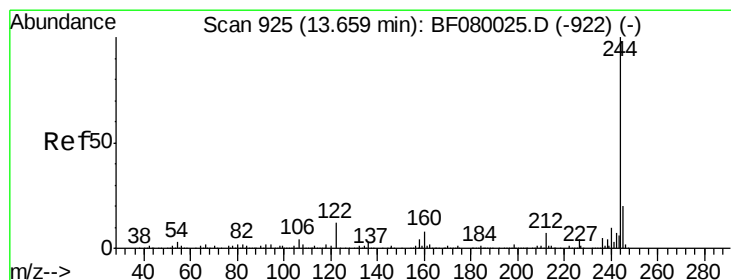
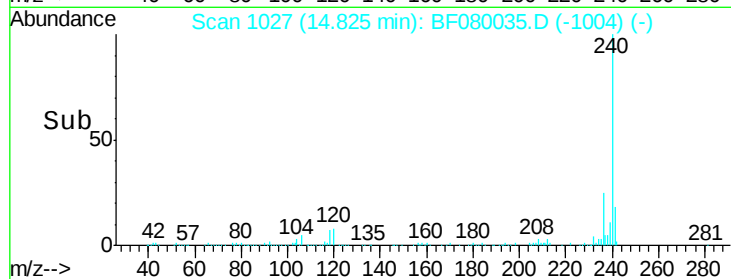
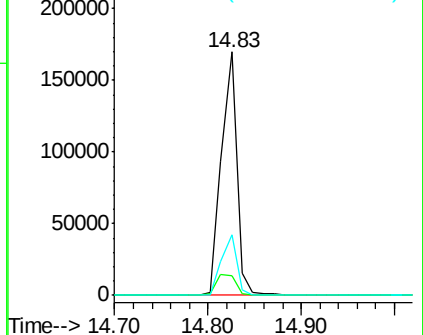
236 25.1 18.4 27.6



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: 53.22 ng

RT: 13.57 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF080035.D

Acq: 17 Jun 2015 21:30

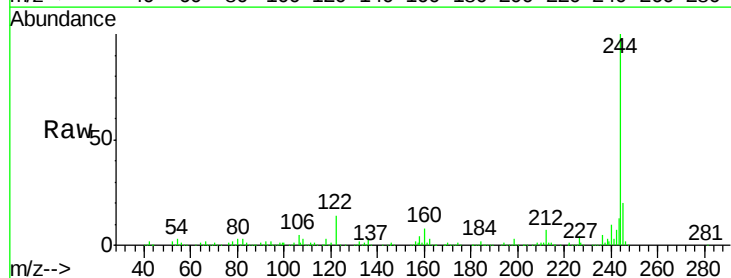
Tgt Ion:244 Resp: 448666

Ion Ratio Lower Upper

244 100

212 7.4 4.3 6.5#

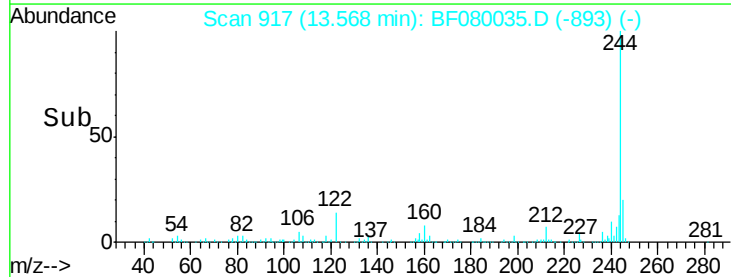
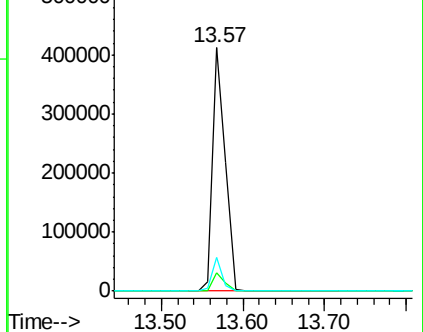
122 13.9 17.4 26.2#

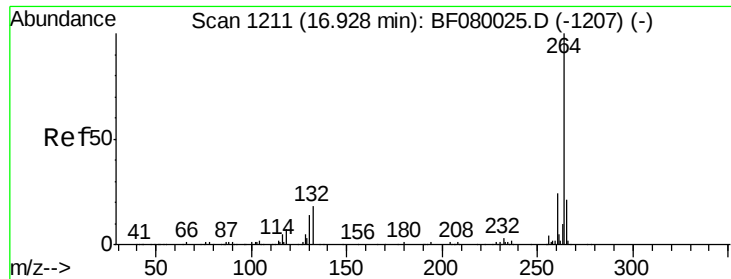


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.68 min Scan# 1189
Delta R.T. -0.07 min
Lab File: BF080035.D
Acq: 17 Jun 2015 21:30

Instrument :
BNA_F
ClientSampleId :
AST-HB-001

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	16.7	25.1
265	21.3	17.2	25.8

