

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
 Data File : BF080138.D
 Acq On : 24 Jun 2015 18:25
 Operator : TP/IZ
 Sample : G2750-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-3

Quant Time: Jun 25 01:00:07 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 00:52:28 2015
 Response via : Initial Calibration

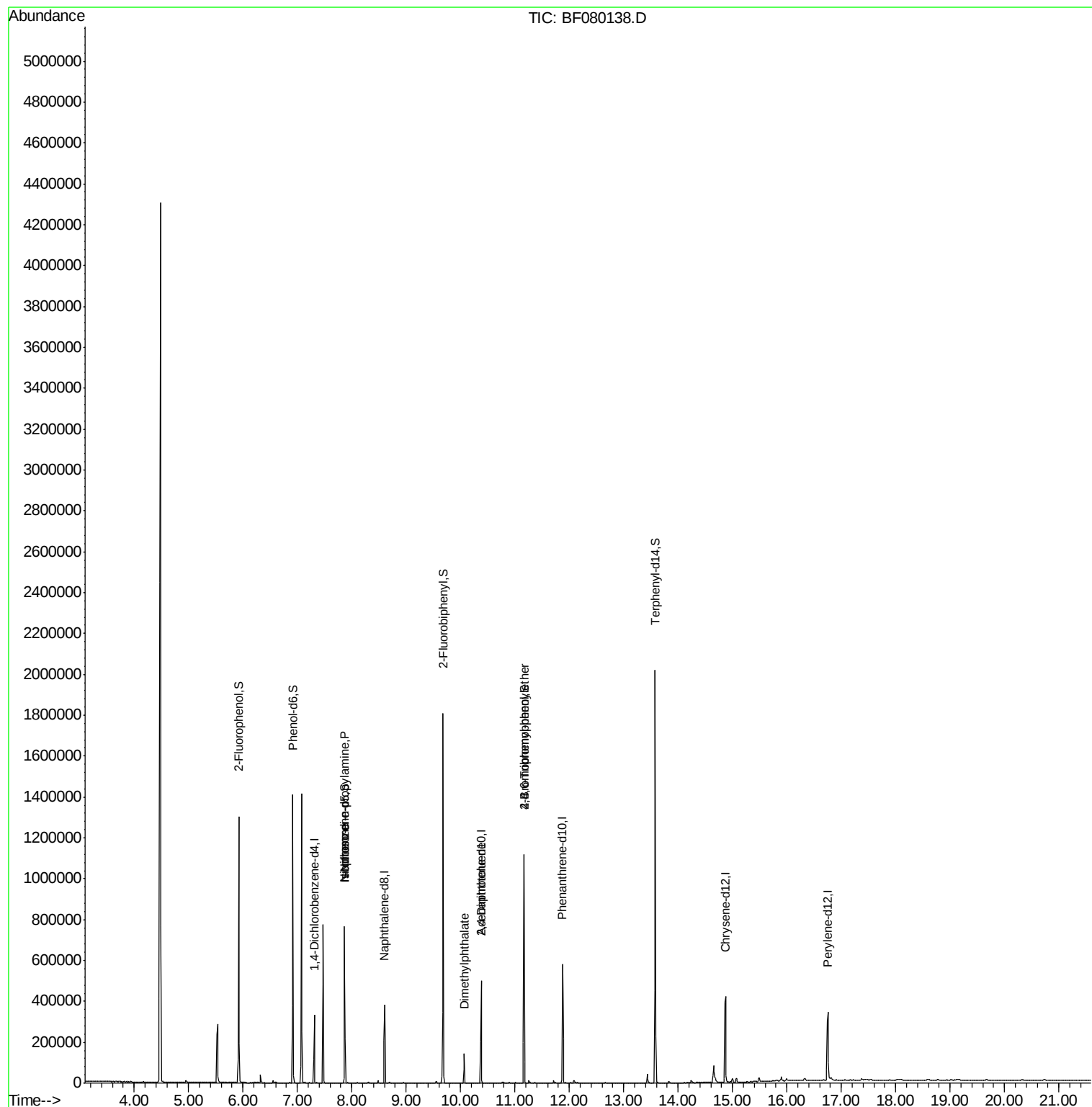
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	53171	20.00	ng	0.00
21) Naphthalene-d8	8.61	136	202108	20.00	ng	0.00
38) Acenaphthene-d10	10.38	164	108008	20.00	ng	0.00
63) Phenanthrene-d10	11.88	188	230444	20.00	ng	-0.01
75) Chrysene-d12	14.87	240	240694	20.00	ng	-0.06
86) Perylene-d12	16.76	264	217873	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.92	112	316117	105.24	ng	0.00
7) Phenol-d6	6.92	99	460699	115.26	ng	0.00
23) Nitrobenzene-d5	7.86	82	237629	68.45	ng	-0.01
41) 2,4,6-Tribromophenol	11.17	330	116563	110.37	ng	0.00
44) 2-Fluorobiphenyl	9.68	172	524010	69.19	ng	0.00
78) Terphenyl-d14	13.58	244	658413	63.89	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.86	70	30332	10.93	ng	# 63
25) Isophorone	7.86	82	232823	33.32	ng	# 58
49) Dimethylphthalate	10.07	163	69743	8.59	ng	# 97
56) 2,4-Dinitrotoluene	10.38	165	13607	6.59	ng	# 31
66) 4-Bromophenyl-phenylether	11.17	248	8943	3.65	ng	# 1

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

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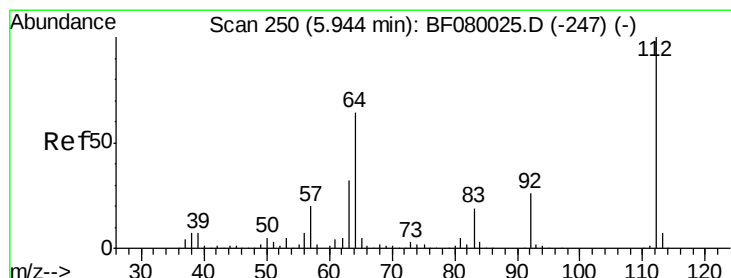
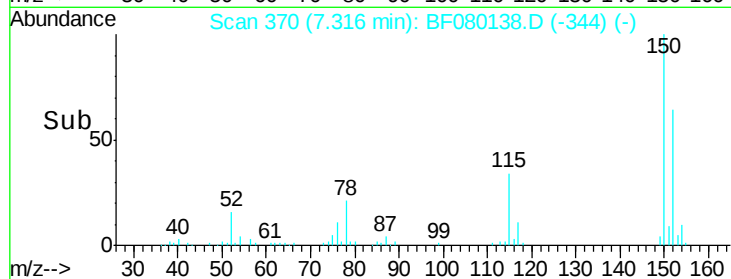
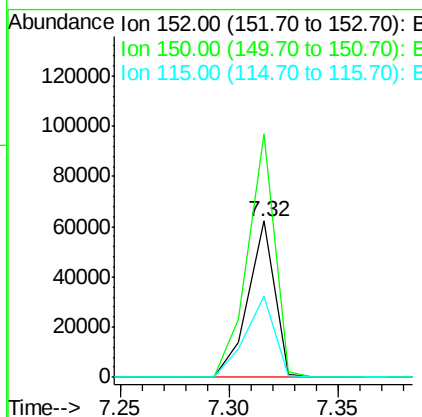
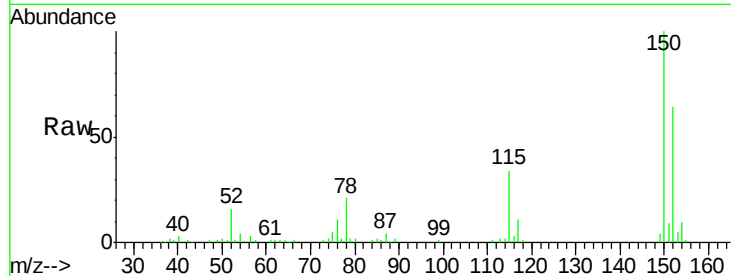




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.32 min Scan# 370
 Delta R.T. -0.00 min
 Lab File: BF080138.D
 Acq: 24 Jun 2015 18:25

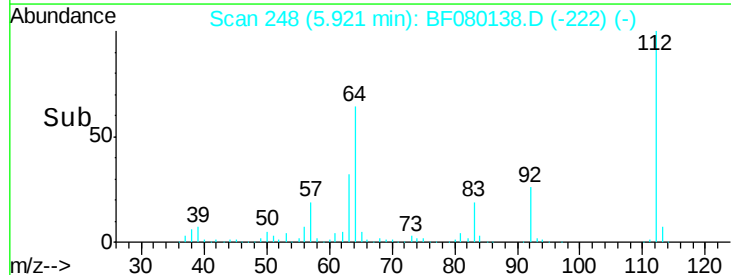
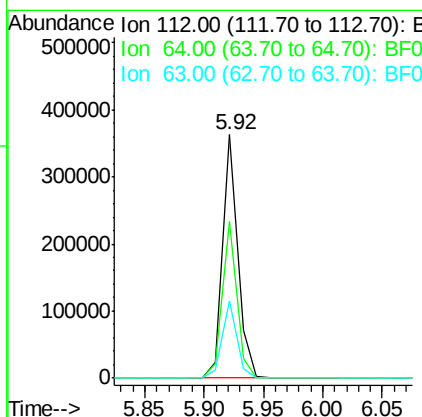
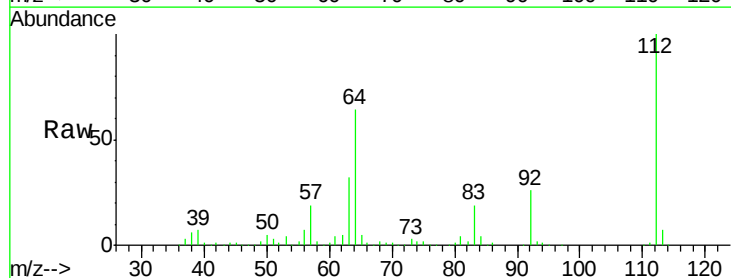
Instrument :
 BNA_F
 ClientSampled :
 SS-3

Tgt Ion:152 Resp: 53171
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.7 187.1
 115 52.2 39.0 58.4



#5
 2-Fluorophenol
 Concen: 105.24 ng
 RT: 5.92 min Scan# 248
 Delta R.T. -0.00 min
 Lab File: BF080138.D
 Acq: 24 Jun 2015 18:25

Tgt Ion:112 Resp: 316117
 Ion Ratio Lower Upper
 112 100
 64 64.4 39.7 59.5#
 63 31.7 17.4 26.0#





#7

Phenol-d6

Concen: 115.26 ng

RT: 6.92 min Scan# 335

Delta R.T. -0.00 min

Lab File: BF080138.D

Acq: 24 Jun 2015 18:25

Instrument :

BNA_F

ClientSampleId :

SS-3

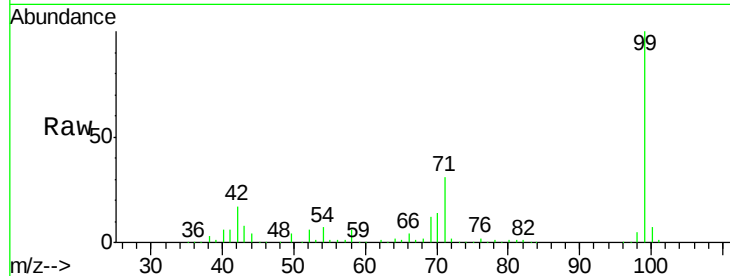
Tgt Ion: 99 Resp: 460699

Ion Ratio Lower Upper

99 100

42 16.7 13.7 20.5

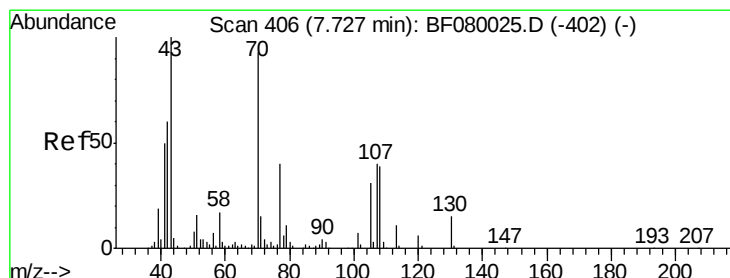
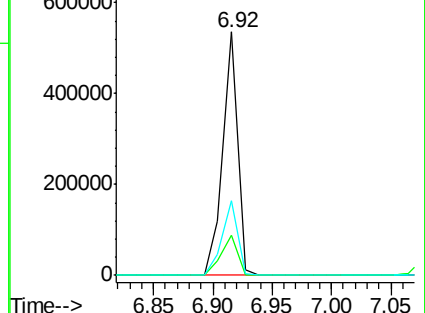
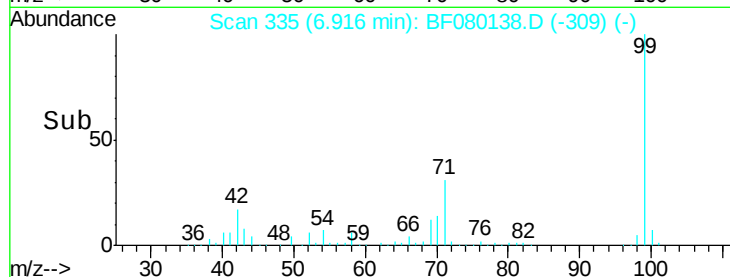
71 30.9 14.2 21.2#



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: 10.93 ng

RT: 7.86 min Scan# 418

Delta R.T. 0.16 min

Lab File: BF080138.D

Acq: 24 Jun 2015 18:25

Tgt Ion: 70 Resp: 30332

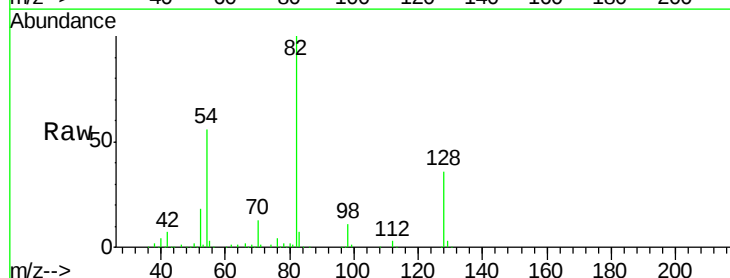
Ion Ratio Lower Upper

70 100

42 53.7 63.8 95.6#

101 0.0 9.2 13.8#

130 1.6 27.3 40.9#

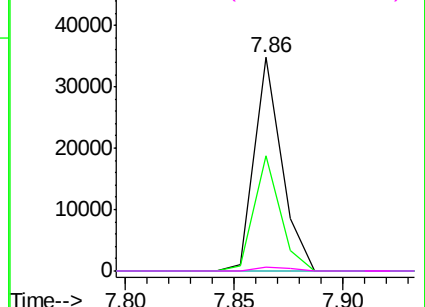
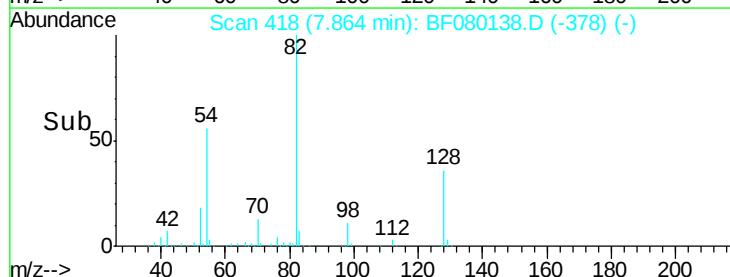


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

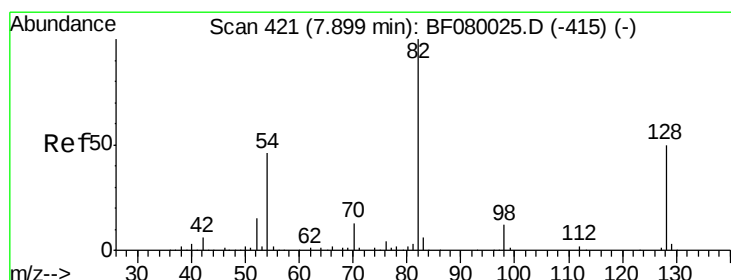
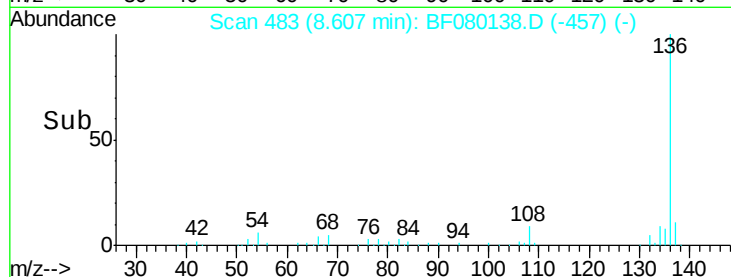
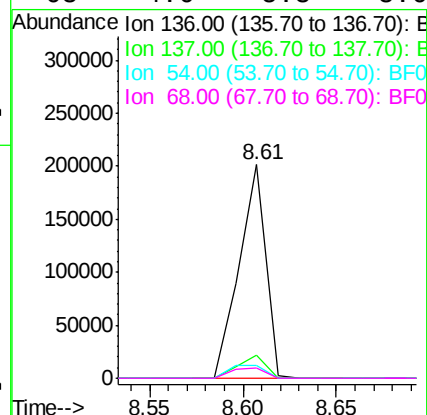
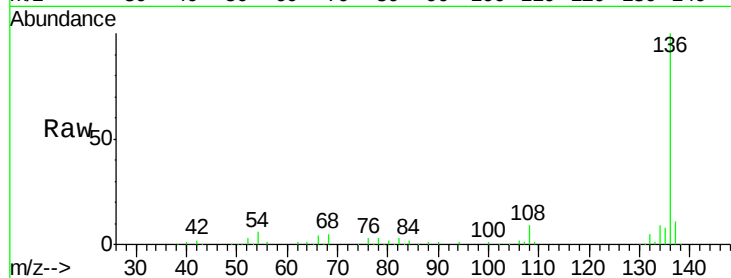




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.61 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF080138.D
Acq: 24 Jun 2015 18:25

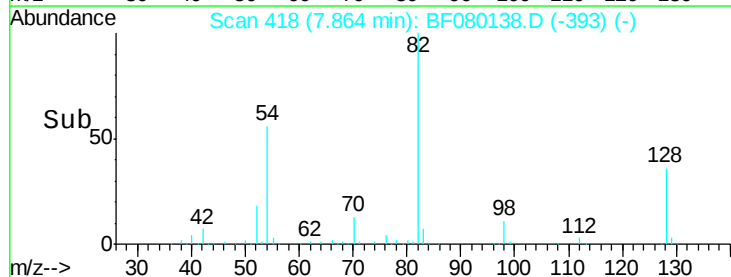
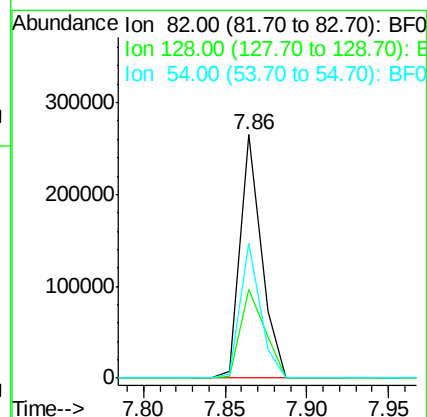
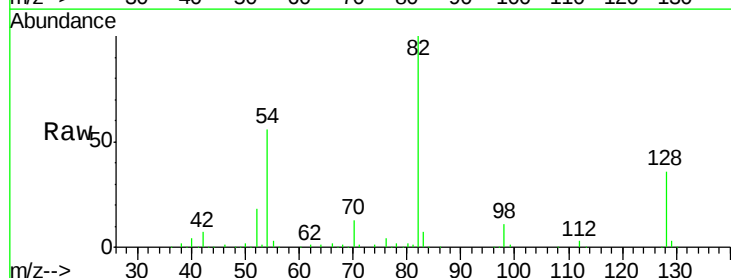
Instrument :
BNA_F
ClientSampleId :
SS-3

Tgt Ion:	136	Resp:	202108
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.6
54	5.8	8.2	12.2#
68	4.6	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 68.45 ng
RT: 7.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF080138.D
Acq: 24 Jun 2015 18:25

Tgt Ion:	82	Resp:	237629
Ion	Ratio	Lower	Upper
82	100		
128	36.5	51.0	76.6#
54	55.6	47.5	71.3





#25

Isophorone

Concen: 33.32 ng

RT: 7.86 min Scan# 418

Delta R.T. -0.26 min

Lab File: BF080138.D

Acq: 24 Jun 2015 18:25

Instrument :

BNA_F

ClientSampleId :

SS-3

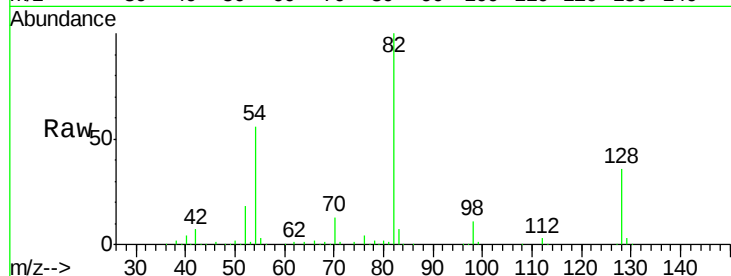
Tgt Ion: 82 Resp: 232823

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

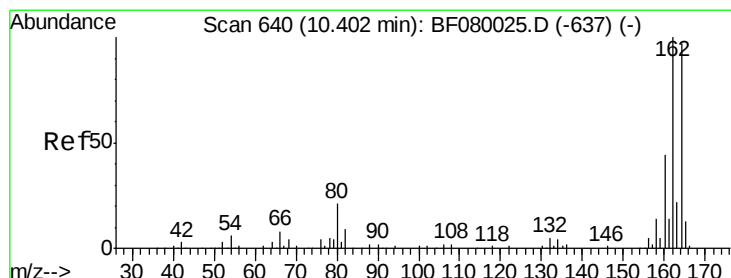
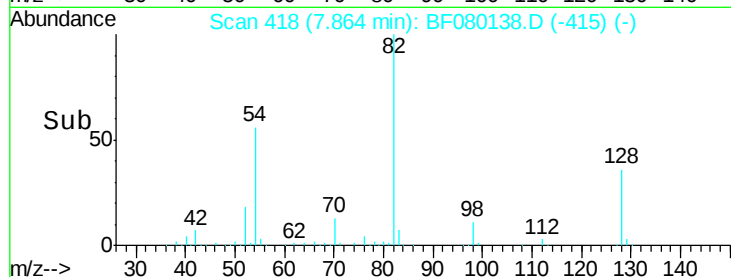
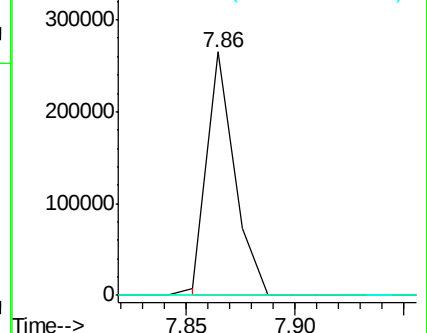
138 0.0 18.3 27.5#



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: 10.38 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF080138.D

Acq: 24 Jun 2015 18:25

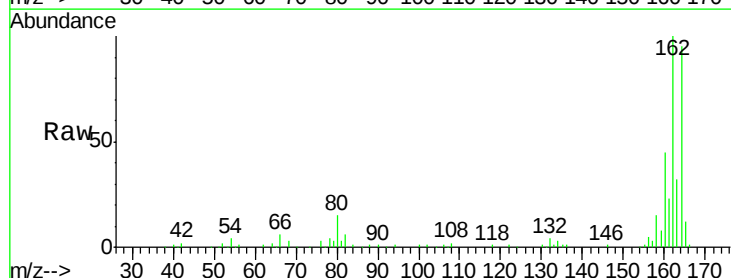
Tgt Ion: 164 Resp: 108008

Ion Ratio Lower Upper

164 100

162 104.7 75.2 112.8

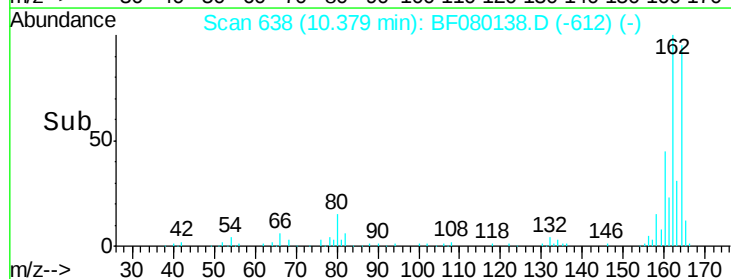
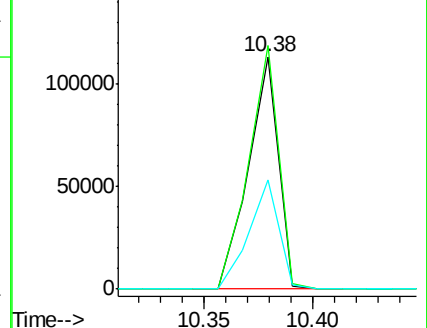
160 46.9 31.5 47.3



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

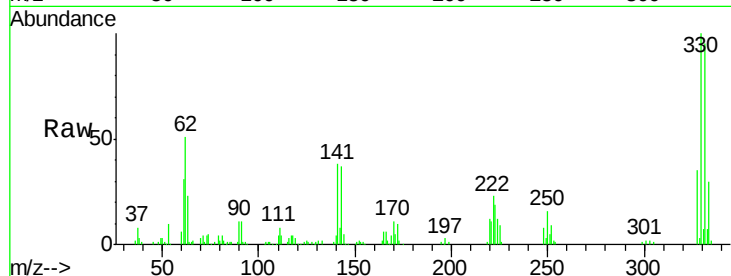




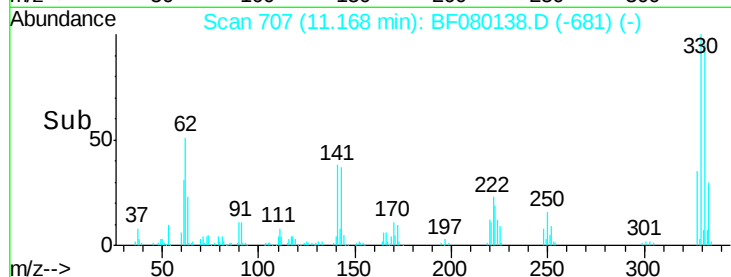
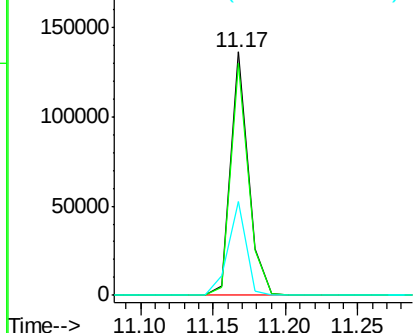
#41
 2,4,6-Tribromophenol
 Concen: 110.37 ng
 RT: 11.17 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: BF080138.D
 Acq: 24 Jun 2015 18:25

Instrument :
 BNA_F
 ClientSampleId :
 SS-3

Tgt Ion:330 Resp: 116563
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 114.8
 141 38.3 29.7 44.5

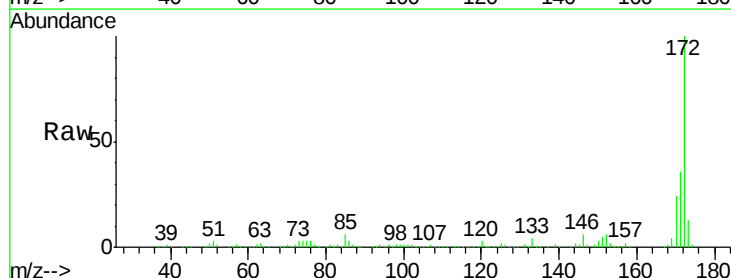


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

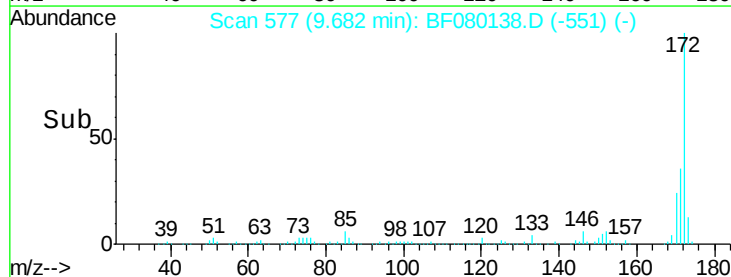
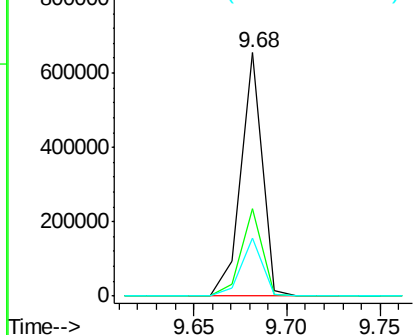


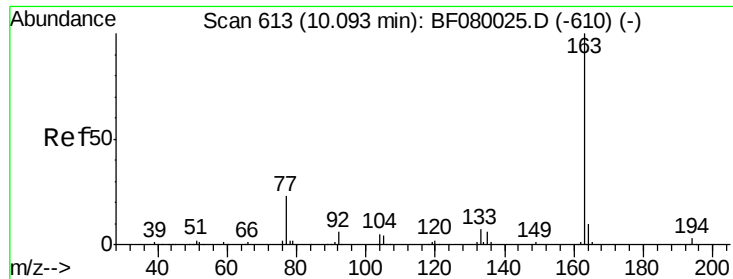
#44
 2-Fluorobiphenyl
 Concen: 69.19 ng
 RT: 9.68 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF080138.D
 Acq: 24 Jun 2015 18:25

Tgt Ion:172 Resp: 524010
 Ion Ratio Lower Upper
 172 100
 171 36.2 26.1 39.1
 170 24.1 17.4 26.2



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

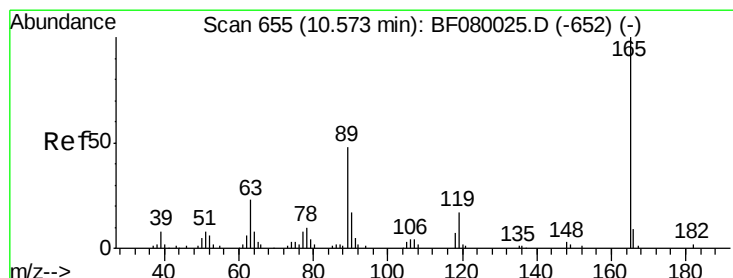
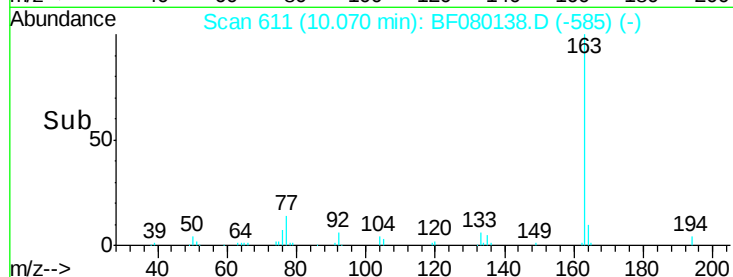
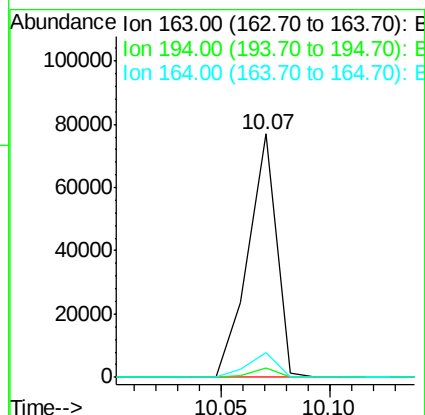
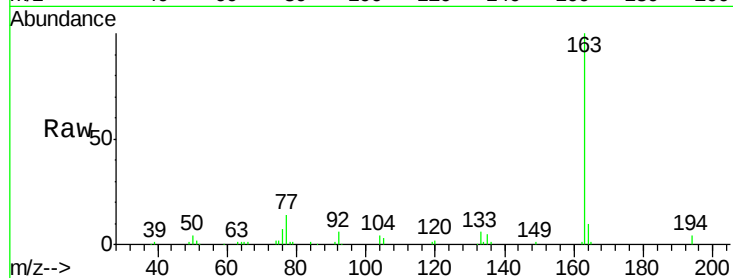




#49
Dimethylphthalate
Concen: 8.59 ng
RT: 10.07 min Scan# 611
Delta R.T. -0.00 min
Lab File: BF080138.D
Acq: 24 Jun 2015 18:25

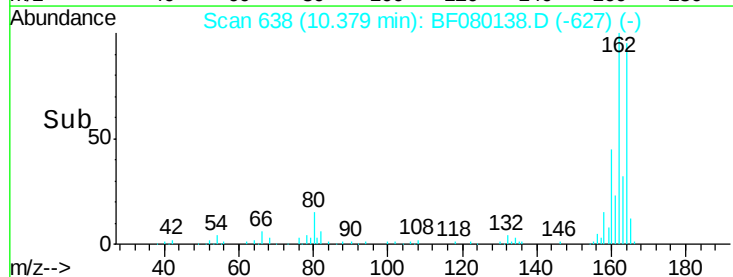
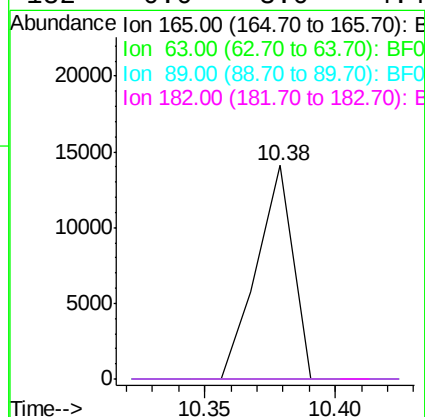
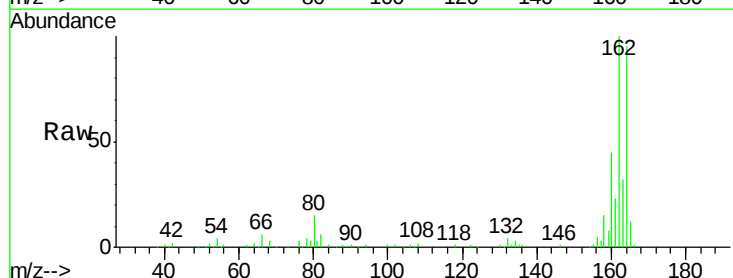
Instrument :
BNA_F
ClientSampled :
SS-3

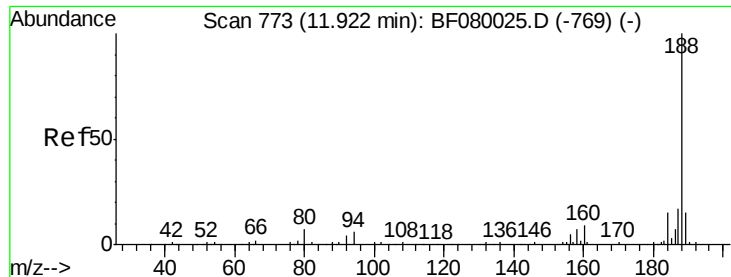
Tgt Ion:163 Resp: 69743
Ion Ratio Lower Upper
163 100
194 3.6 4.4 6.6#
164 10.0 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.59 ng
RT: 10.38 min Scan# 638
Delta R.T. -0.17 min
Lab File: BF080138.D
Acq: 24 Jun 2015 18:25

Tgt Ion:165 Resp: 13607
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#

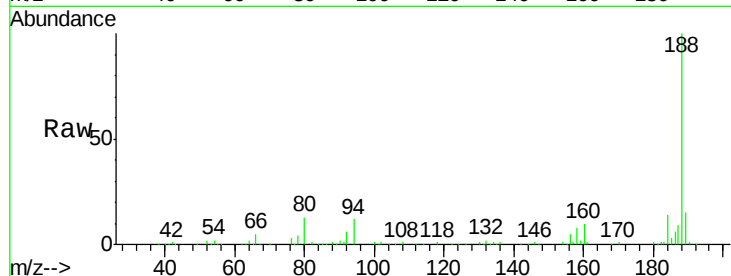




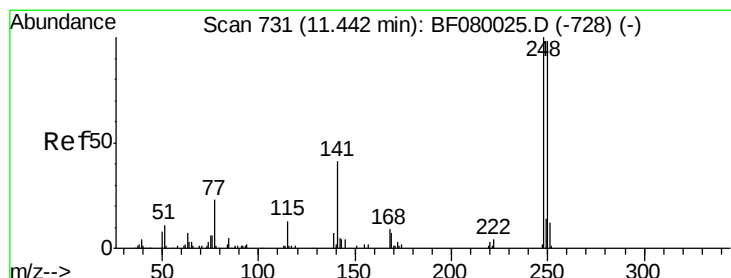
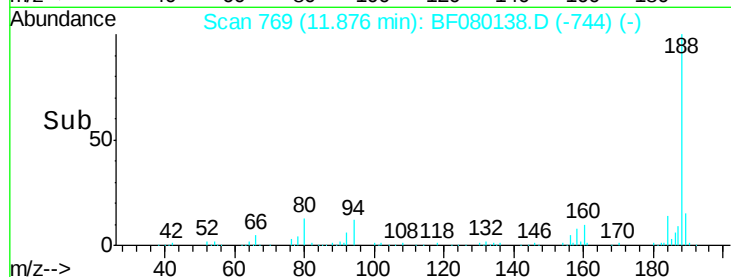
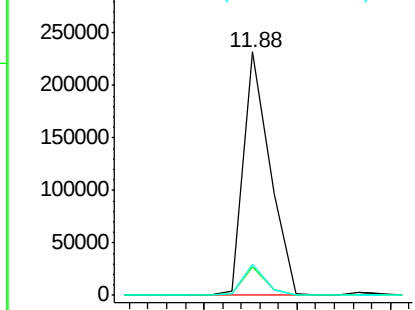
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.88 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF080138.D
 Acq: 24 Jun 2015 18:25

Instrument :
 BNA_F
 ClientSampleId :
 SS-3

Tgt Ion:188 Resp: 230444
 Ion Ratio Lower Upper
 188 100
 94 11.6 11.1 16.7
 80 13.0 11.0 16.4

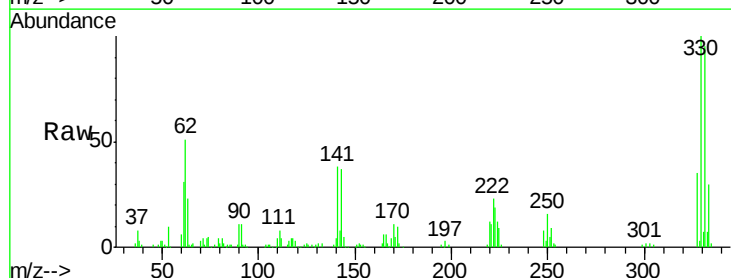


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

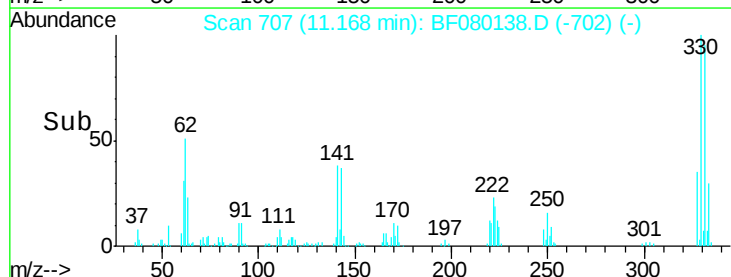
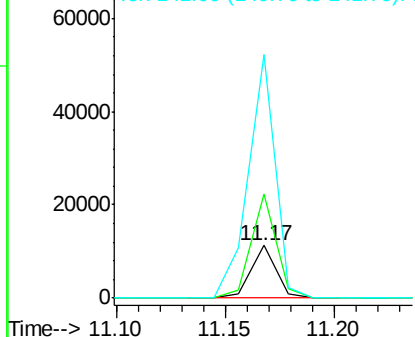


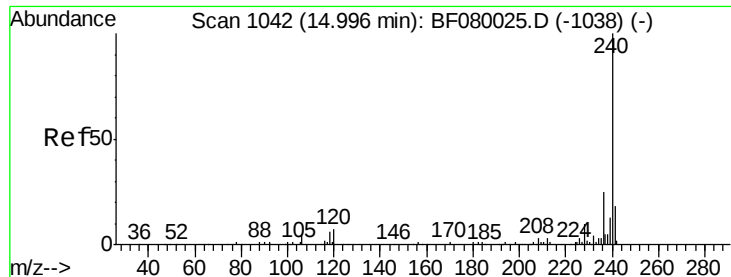
#66
 4-Bromophenyl-phenylether
 Concen: 3.65 ng
 RT: 11.17 min Scan# 707
 Delta R.T. -0.24 min
 Lab File: BF080138.D
 Acq: 24 Jun 2015 18:25

Tgt Ion:248 Resp: 8943
 Ion Ratio Lower Upper
 248 100
 250 197.8 78.5 117.7#
 141 461.4 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: 14.87 min Scan# 1031

Delta R.T. -0.06 min

Lab File: BF080138.D

Acq: 24 Jun 2015 18:25

Instrument :

BNA_F

ClientSampleId :

SS-3

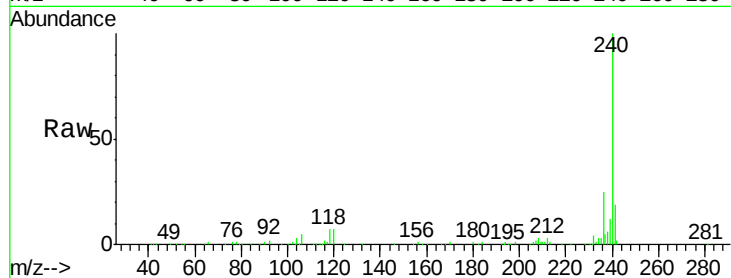
Tgt Ion:240 Resp: 240694

Ion Ratio Lower Upper

240 100

120 7.2 16.2 24.2#

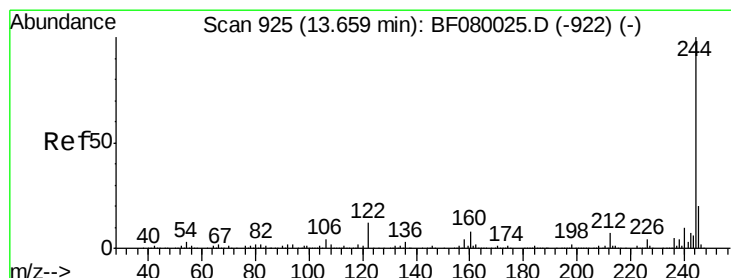
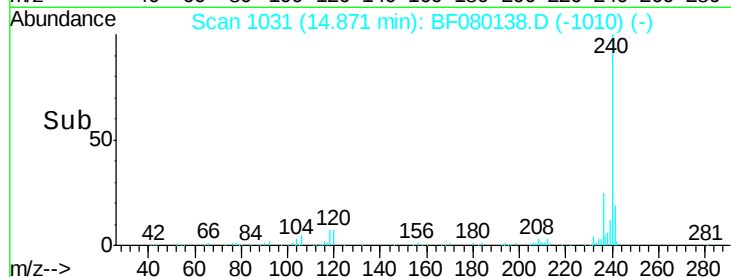
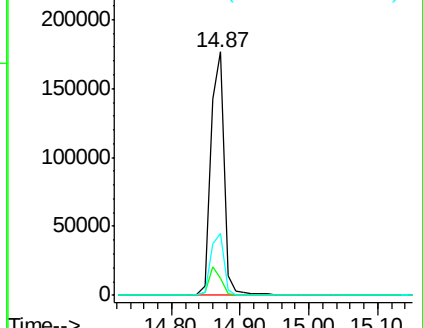
236 25.3 18.4 27.6



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: 63.89 ng

RT: 13.58 min Scan# 918

Delta R.T. -0.03 min

Lab File: BF080138.D

Acq: 24 Jun 2015 18:25

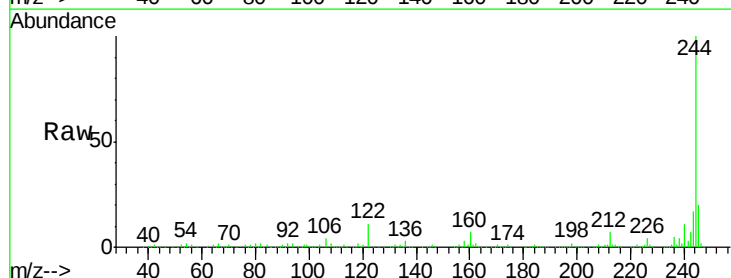
Tgt Ion:244 Resp: 658413

Ion Ratio Lower Upper

244 100

212 7.1 4.3 6.5#

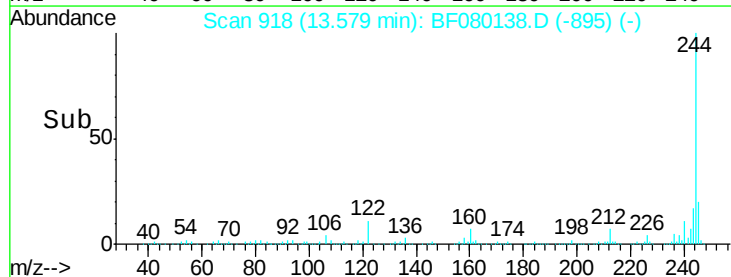
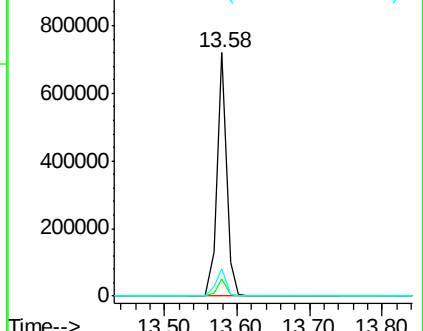
122 11.0 17.4 26.2#

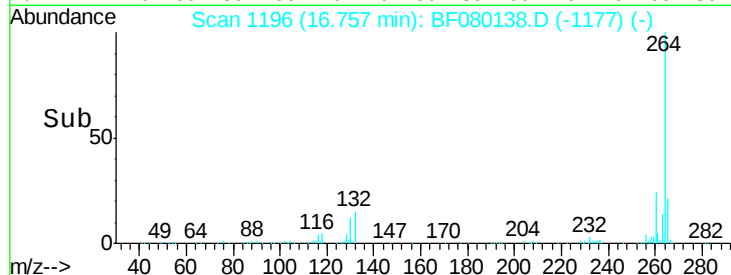
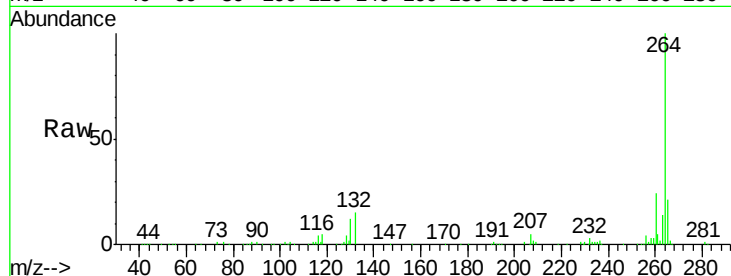
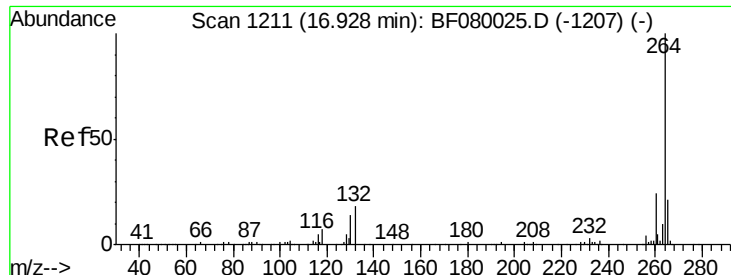


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.76 min Scan# 1196
Delta R.T. -0.08 min
Lab File: BF080138.D
Acq: 24 Jun 2015 18:25

Instrument :
BNA_F
ClientSampleId :
SS-3

Tgt Ion:	264	Resp:	217873
Ion	Ratio	Lower	Upper
264	100		
260	23.8	16.7	25.1
265	21.2	17.2	25.8

