

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
 Data File : BF080242.D
 Acq On : 30 Jun 2015 18:03
 Operator : TP/IZ
 Sample : PB84281TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84281TB

Quant Time: Jul 01 01:19:18 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

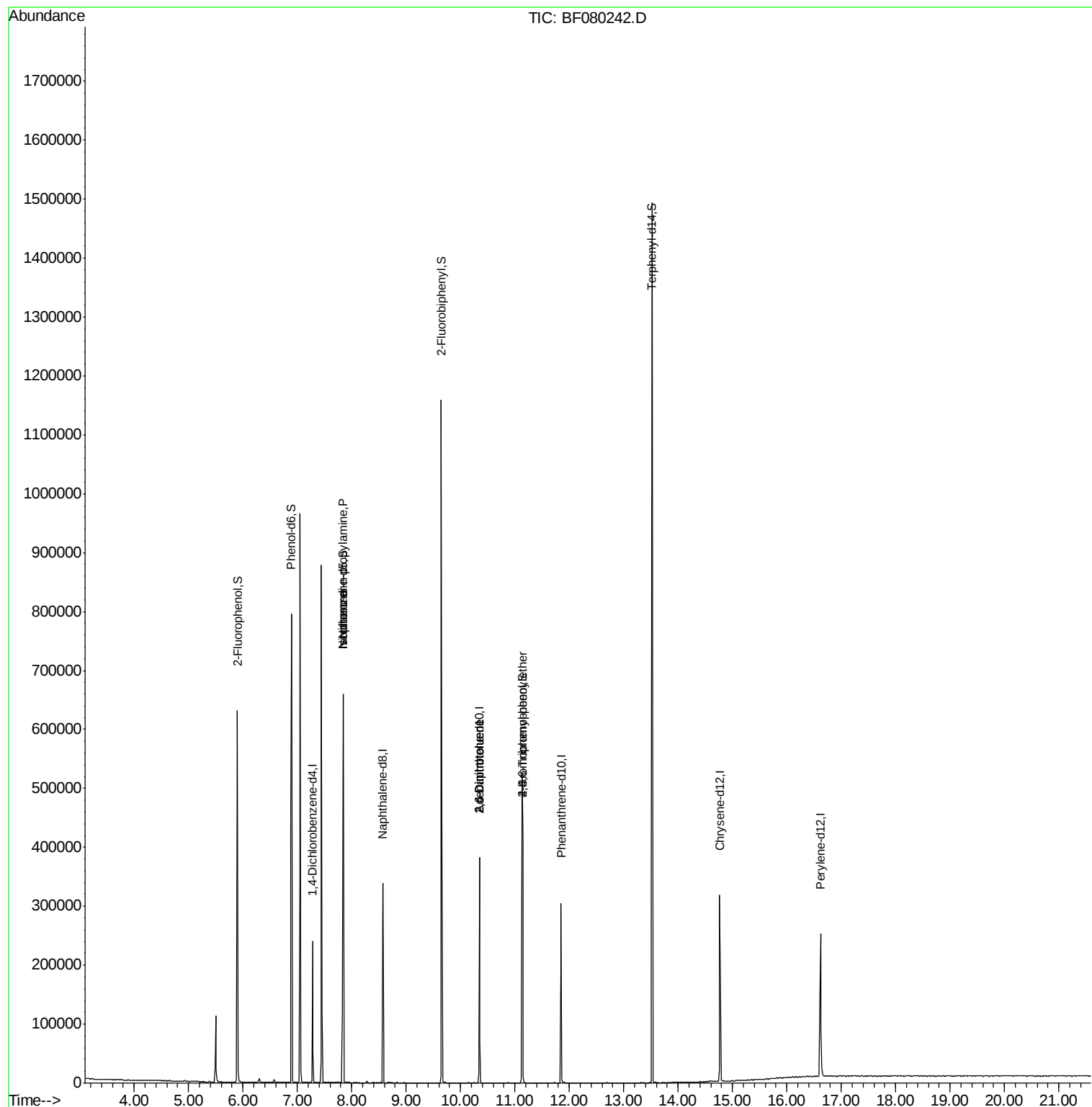
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	34724	20.00	ng	-0.05
21) Naphthalene-d8	8.57	136	138165	20.00	ng	-0.05
38) Acenaphthene-d10	10.34	164	71265	20.00	ng	-0.05
63) Phenanthrene-d10	11.85	188	143807	20.00	ng	-0.06
75) Chrysene-d12	14.77	240	144816	20.00	ng	-0.23
86) Perylene-d12	16.62	264	137256	20.00	ng	-0.31
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	244513	124.65	ng	-0.03
7) Phenol-d6	6.89	99	325791	124.81	ng	-0.03
23) Nitrobenzene-d5	7.84	82	189844	79.99	ng	-0.03
41) 2,4,6-Tribromophenol	11.14	330	79227	113.69	ng	-0.03
44) 2-Fluorobiphenyl	9.65	172	380841	76.21	ng	-0.05
78) Terphenyl-d14	13.52	244	481922	77.72	ng	-0.15
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.84	70	24038	13.26	ng	# 59
25) Isophorone	7.84	82	189835	39.74	ng	# 58
50) 2,6-Dinitrotoluene	10.34	165	9298	8.66	ng	# 37
56) 2,4-Dinitrotoluene	10.34	165	9296	6.82	ng	# 31
66) 4-Bromophenyl-phenylether	11.14	248	5514	3.61	ng	# 1

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

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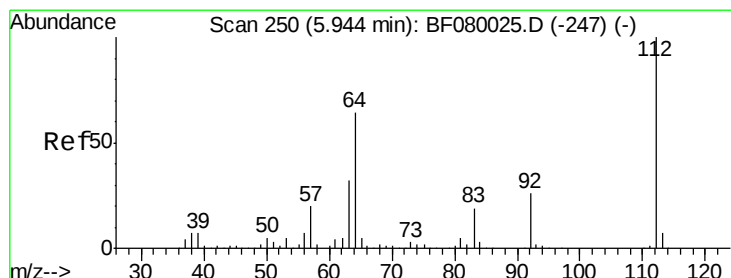
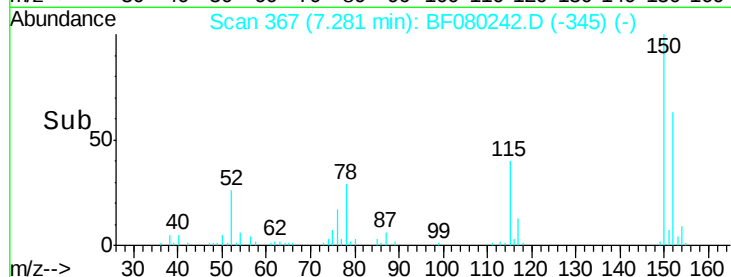
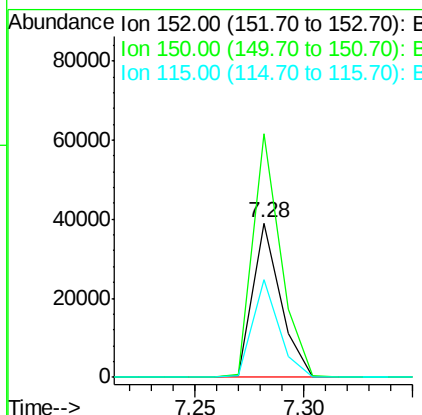
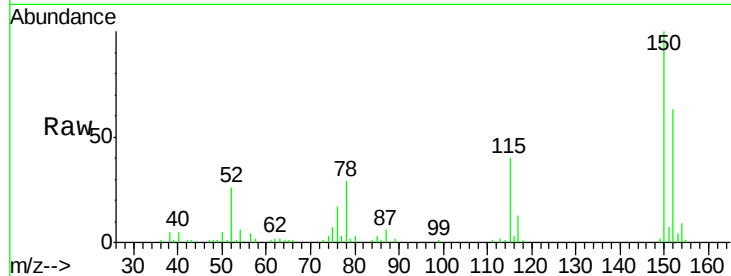


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.28 min Scan# 367
 Delta R.T. -0.05 min
 Lab File: BF080242.D
 Acq: 30 Jun 2015 18:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84281TB

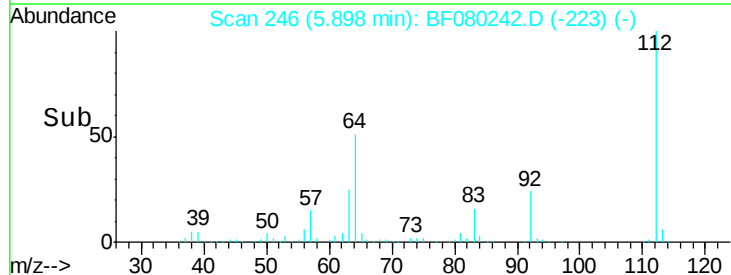
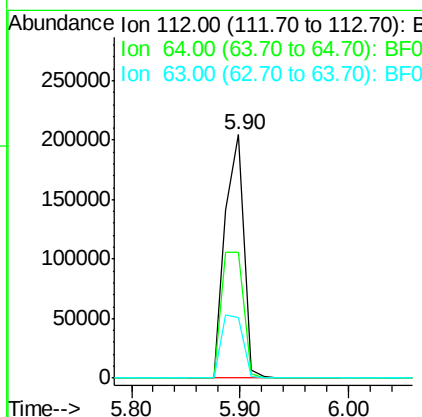
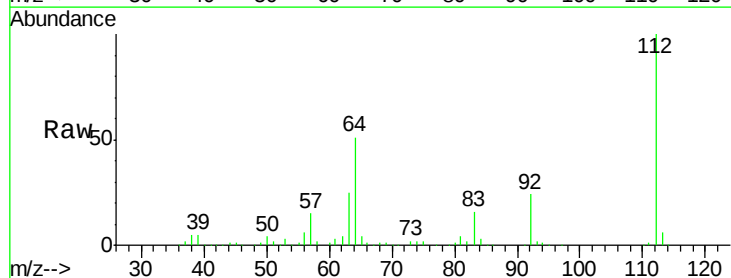
Tgt Ion:152 Resp: 34724
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.7 187.1
 115 63.5 39.0 58.4#



#5

2-Fluorophenol
 Concen: 124.65 ng
 RT: 5.90 min Scan# 246
 Delta R.T. -0.03 min
 Lab File: BF080242.D
 Acq: 30 Jun 2015 18:03

Tgt Ion:112 Resp: 244513
 Ion Ratio Lower Upper
 112 100
 64 51.4 39.7 59.5
 63 24.7 17.4 26.0





#7

Phenol-d6

Concen: 124.81 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080242.D

Acq: 30 Jun 2015 18:03

Instrument :

BNA_F

ClientSampleId :

PB84281TB

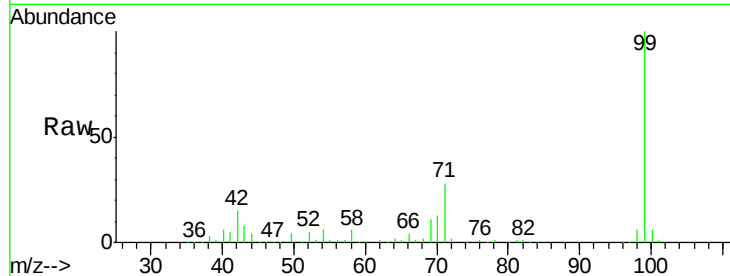
Tgt Ion: 99 Resp: 325791

Ion Ratio Lower Upper

99 100

42 14.6 13.7 20.5

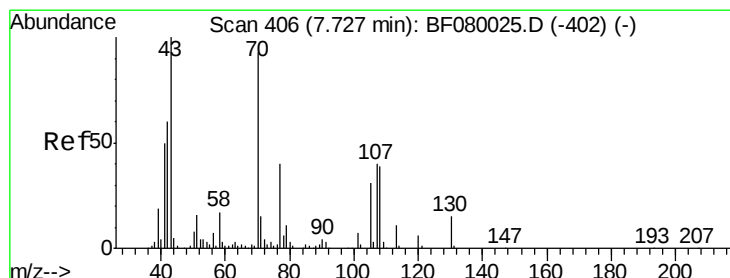
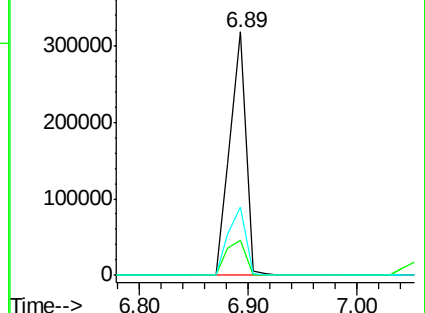
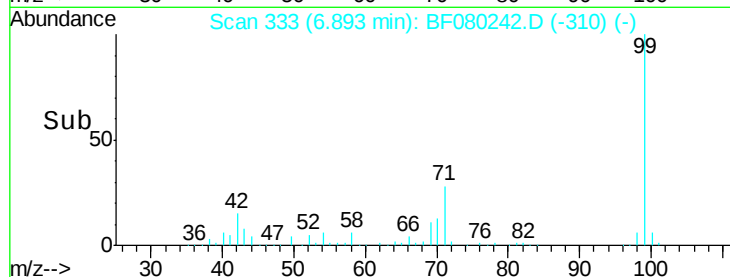
71 27.9 14.2 21.2#



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: 13.26 ng

RT: 7.84 min Scan# 416

Delta R.T. 0.13 min

Lab File: BF080242.D

Acq: 30 Jun 2015 18:03

Tgt Ion: 70 Resp: 24038

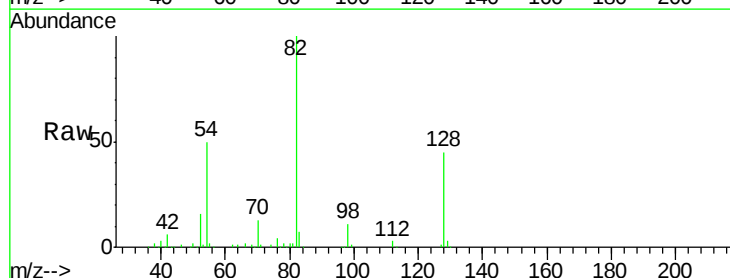
Ion Ratio Lower Upper

70 100

42 46.8 63.8 95.6#

101 0.0 9.2 13.8#

130 2.6 27.3 40.9#

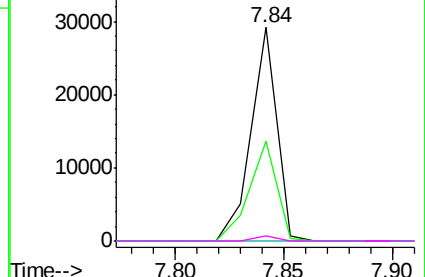
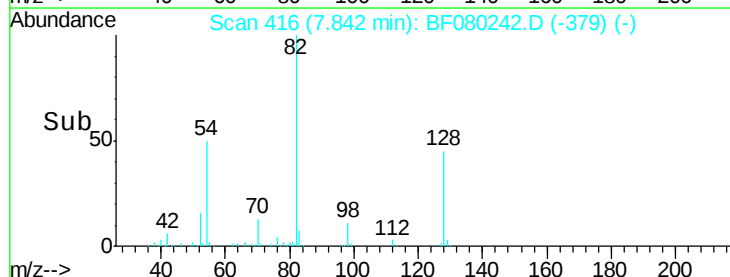


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

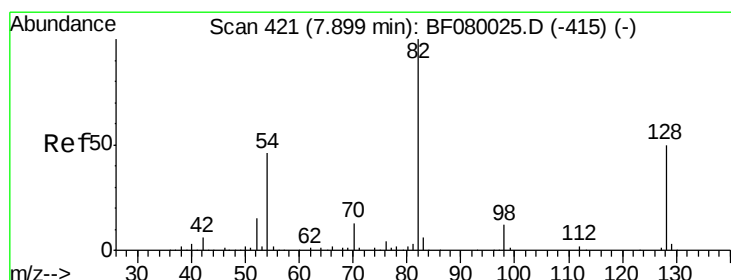
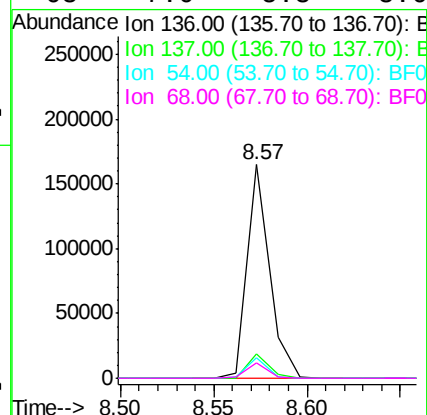
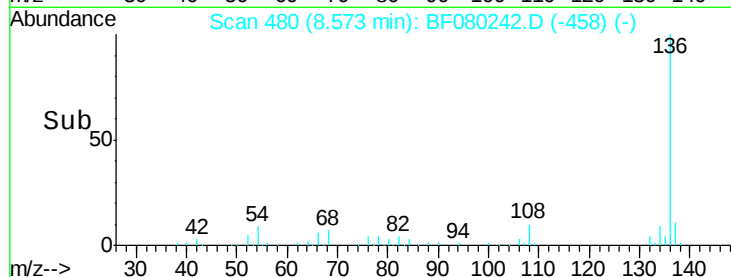
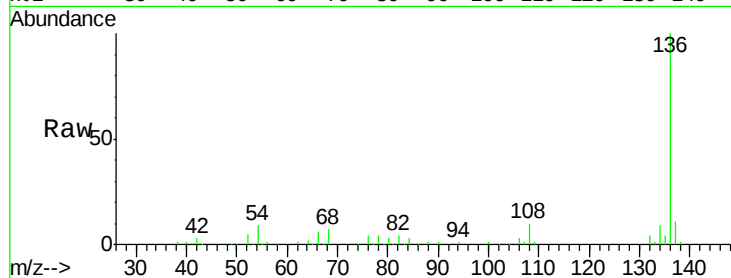




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.57 min Scan# 480
Delta R.T. -0.05 min
Lab File: BF080242.D
Acq: 30 Jun 2015 18:03

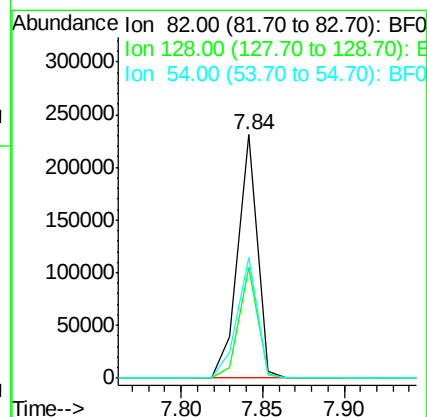
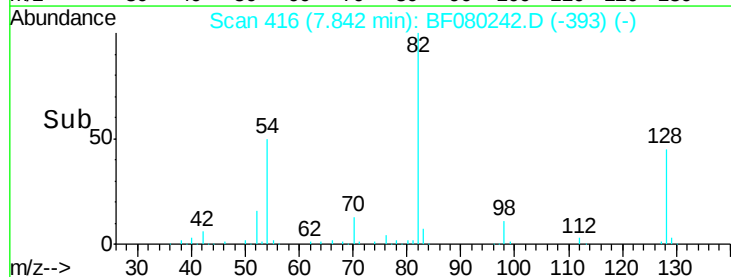
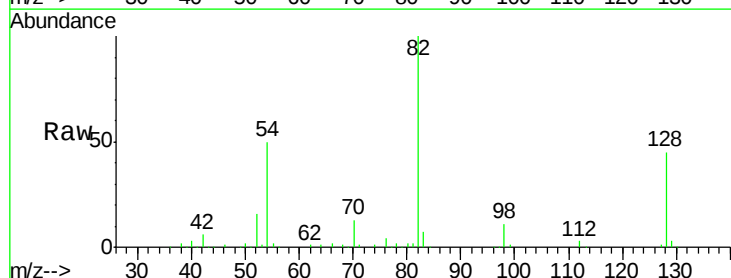
Instrument :
BNA_F
ClientSampleID :
PB84281TB

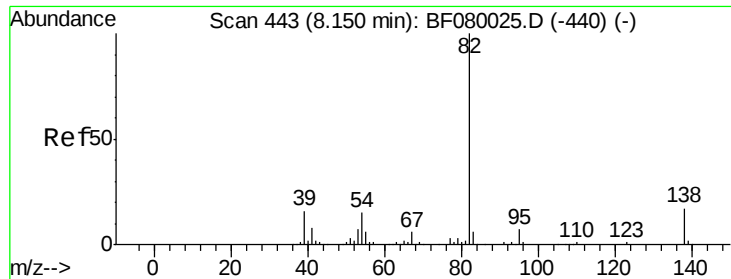
Tgt Ion:	136	Resp:	138165
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	9.5	8.2	12.2
68	7.0	5.8	8.6



#23
Nitrobenzene-d5
Concen: 79.99 ng
RT: 7.84 min Scan# 416
Delta R.T. -0.03 min
Lab File: BF080242.D
Acq: 30 Jun 2015 18:03

Tgt Ion:	82	Resp:	189844
Ion	Ratio	Lower	Upper
82	100		
128	45.3	51.0	76.6#
54	49.6	47.5	71.3





#25

Isophorone

Concen: 39.74 ng

RT: 7.84 min Scan# 416

Delta R.T. -0.30 min

Lab File: BF080242.D

Acq: 30 Jun 2015 18:03

Instrument :

BNA_F

ClientSampleId :

PB84281TB

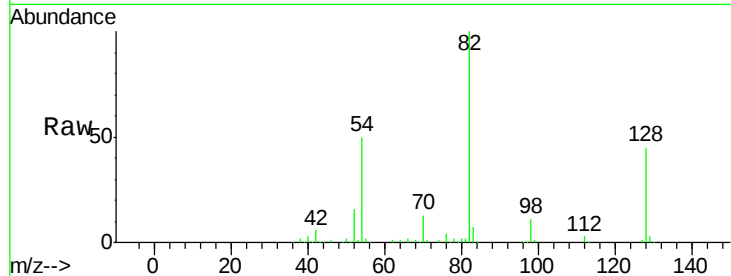
Tgt Ion: 82 Resp: 189835

Ion Ratio Lower Upper

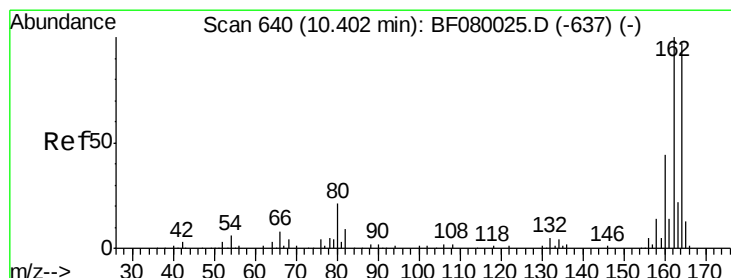
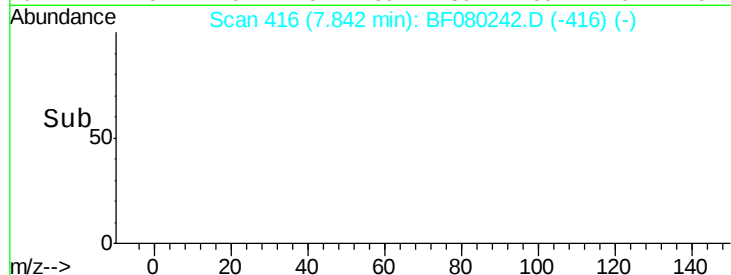
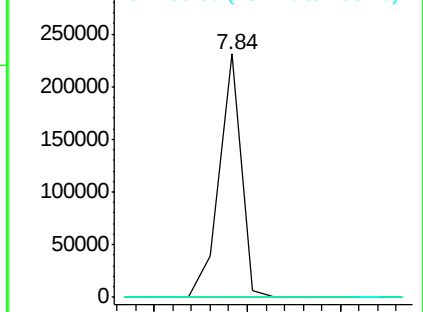
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.34 min Scan# 635

Delta R.T. -0.05 min

Lab File: BF080242.D

Acq: 30 Jun 2015 18:03

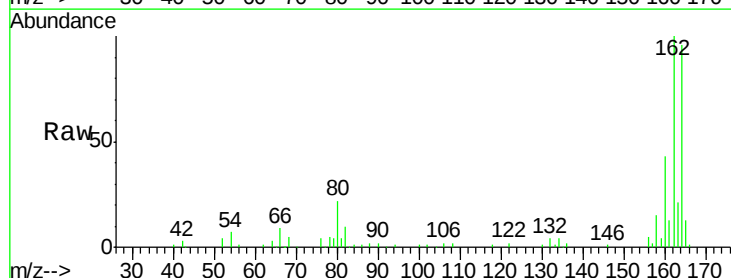
Tgt Ion: 164 Resp: 71265

Ion Ratio Lower Upper

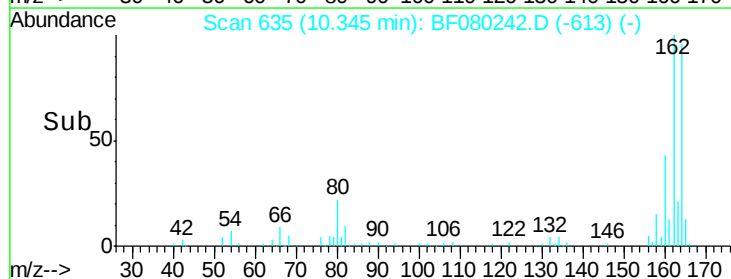
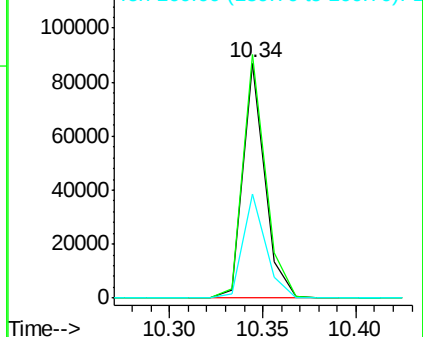
164 100

162 103.7 75.2 112.8

160 44.3 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

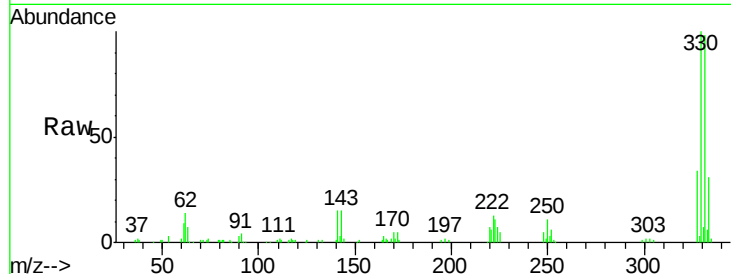




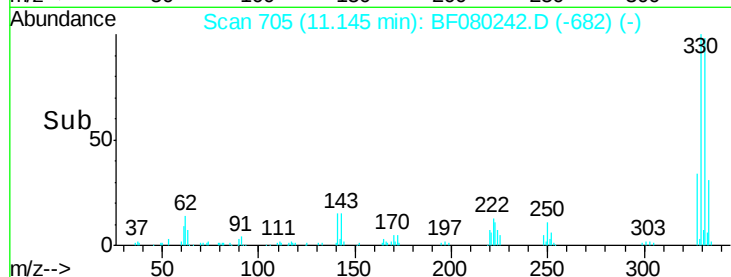
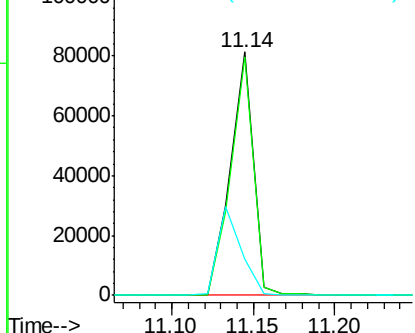
#41
 2,4,6-Tribromophenol
 Concen: 113.69 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.03 min
 Lab File: BF080242.D
 Acq: 30 Jun 2015 18:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84281TB

Tgt Ion:330 Resp: 79227
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 37.2 29.7 44.5

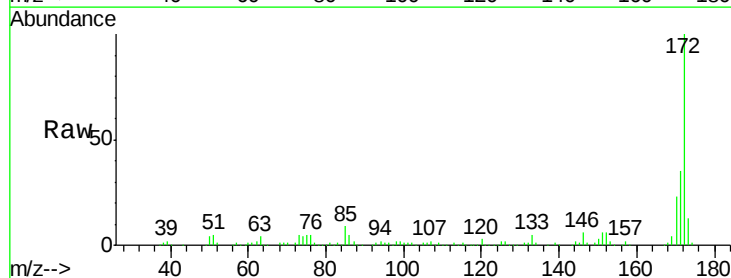


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

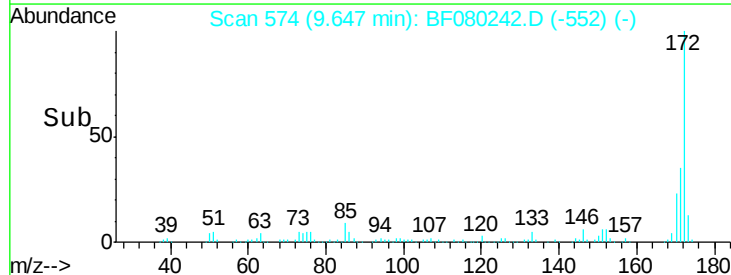
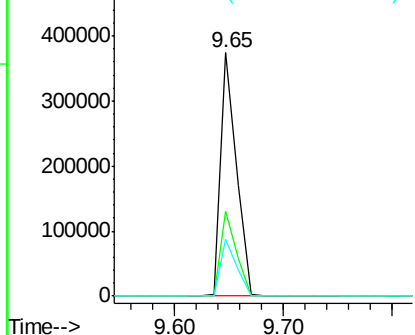


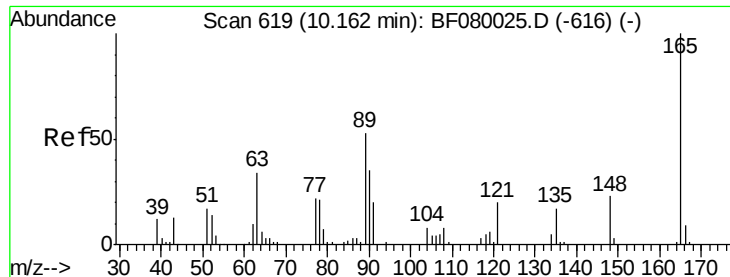
#44
 2-Fluorobiphenyl
 Concen: 76.21 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.05 min
 Lab File: BF080242.D
 Acq: 30 Jun 2015 18:03

Tgt Ion:172 Resp: 380841
 Ion Ratio Lower Upper
 172 100
 171 35.1 26.1 39.1
 170 23.3 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

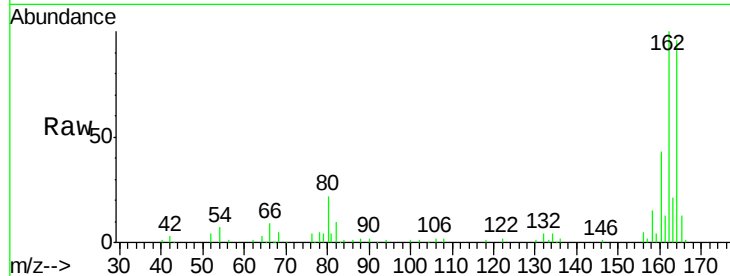




#50
 2,6-Dinitrotoluene
 Concen: 8.66 ng
 RT: 10.34 min Scan# 635
 Delta R.T. 0.19 min
 Lab File: BF080242.D
 Acq: 30 Jun 2015 18:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84281TB

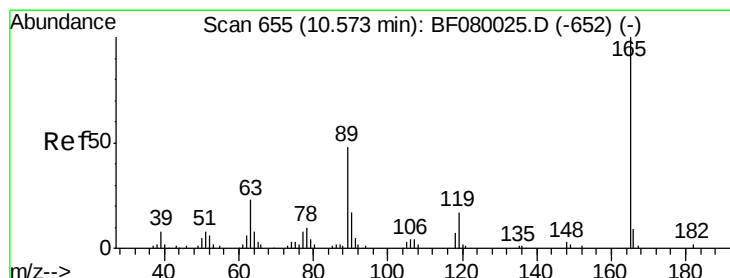
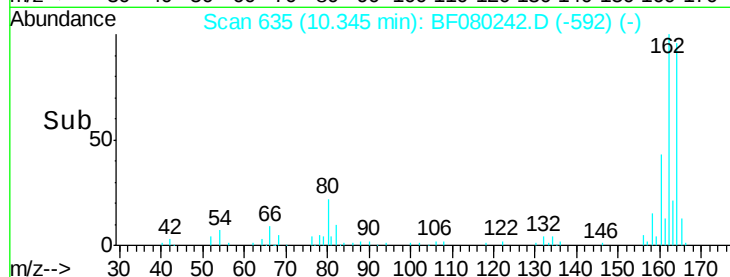
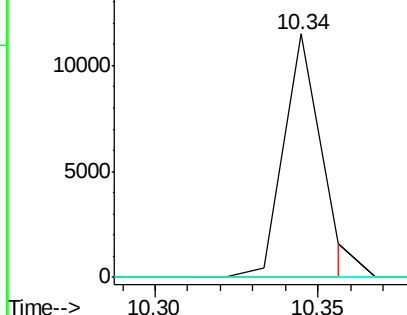
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.82 ng
 RT: 10.34 min Scan# 635
 Delta R.T. -0.21 min
 Lab File: BF080242.D
 Acq: 30 Jun 2015 18:03

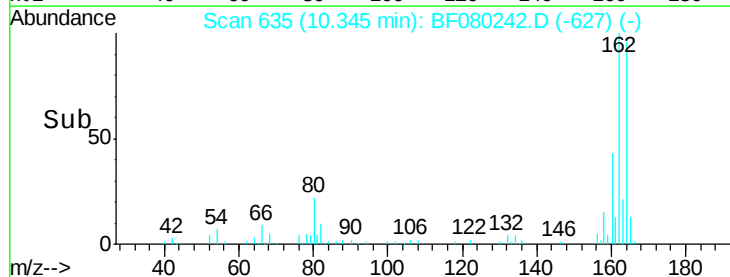
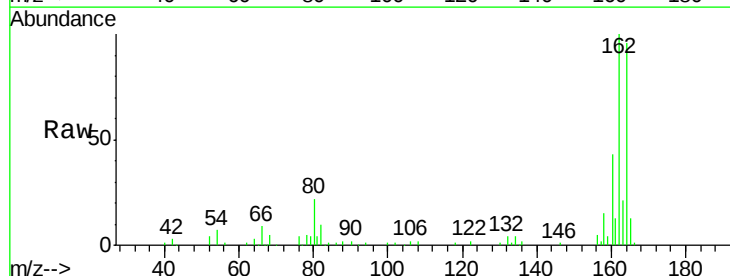
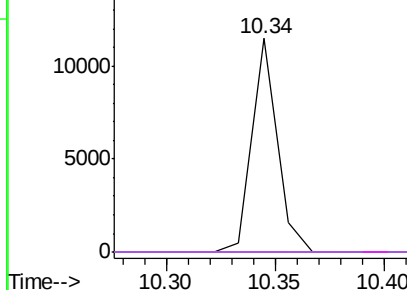
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

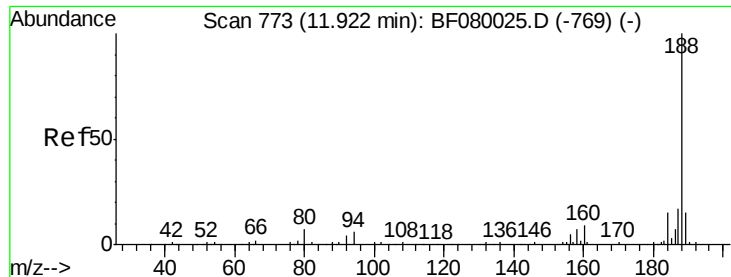
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

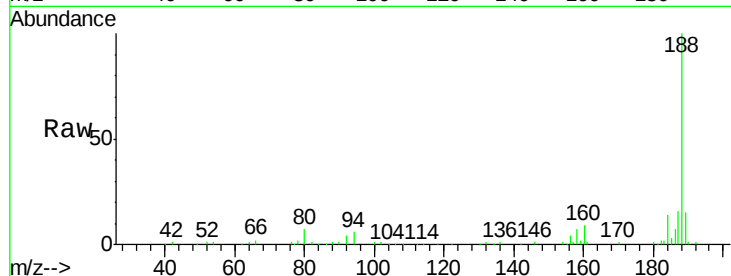




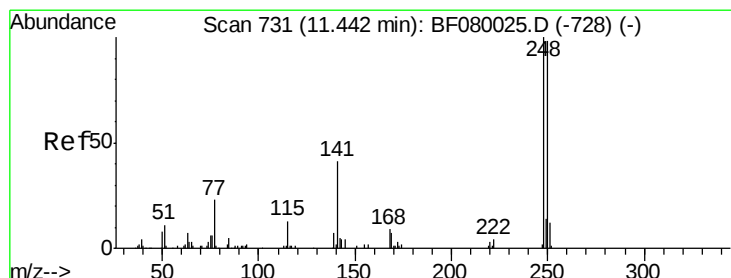
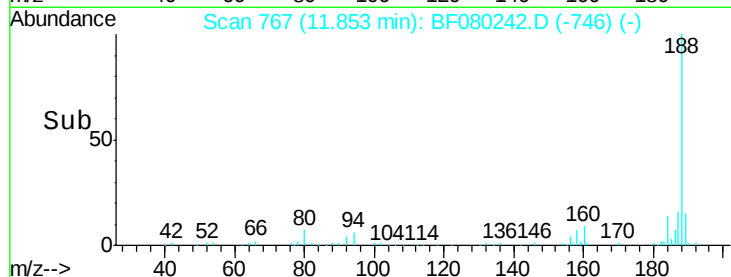
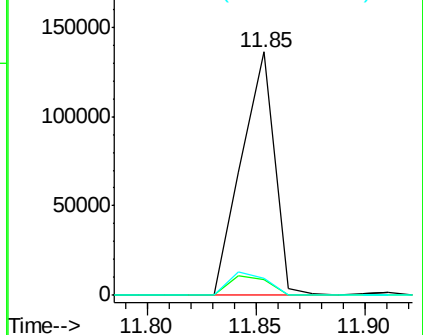
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.85 min Scan# 767
 Delta R.T. -0.06 min
 Lab File: BF080242.D
 Acq: 30 Jun 2015 18:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84281TB

Tgt Ion:188 Resp: 143807
 Ion Ratio Lower Upper
 188 100
 94 6.3 11.1 16.7#
 80 6.8 11.0 16.4#

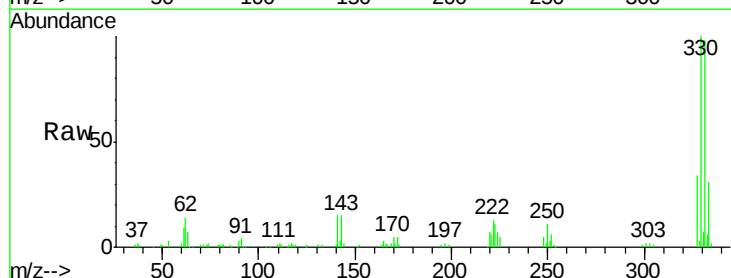


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

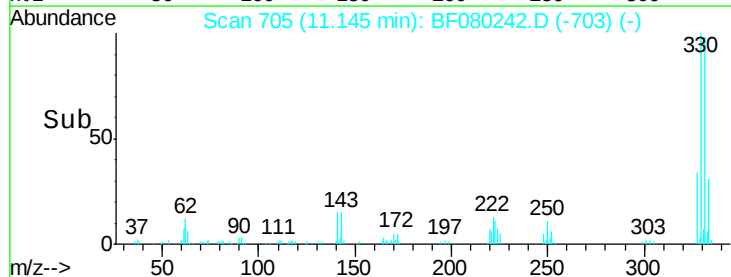
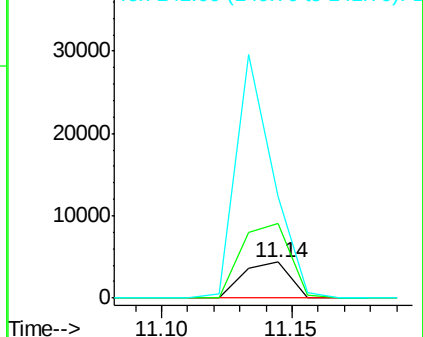


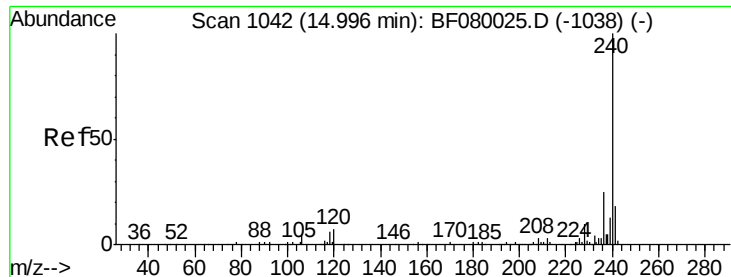
#66
 4-Bromophenyl-phenylether
 Concen: 3.61 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.27 min
 Lab File: BF080242.D
 Acq: 30 Jun 2015 18:03

Tgt Ion:248 Resp: 5514
 Ion Ratio Lower Upper
 248 100
 250 207.6 78.5 117.7#
 141 280.0 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: 14.77 min Scan# 1022

Delta R.T. -0.23 min

Lab File: BF080242.D

Acq: 30 Jun 2015 18:03

Instrument :

BNA_F

ClientSampleId :

PB84281TB

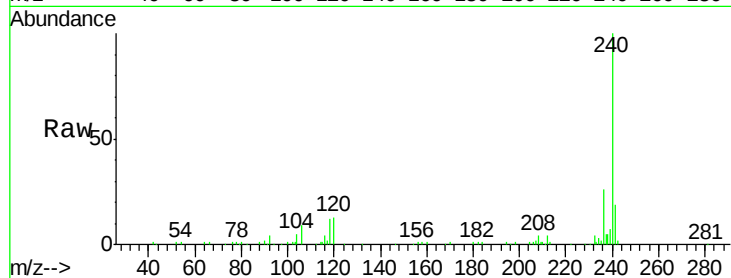
Tgt Ion:240 Resp: 144816

Ion Ratio Lower Upper

240 100

120 12.6 16.2 24.2#

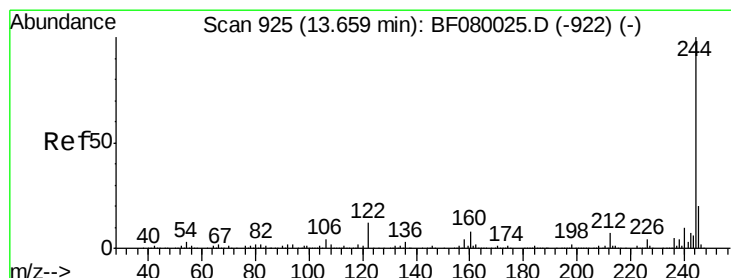
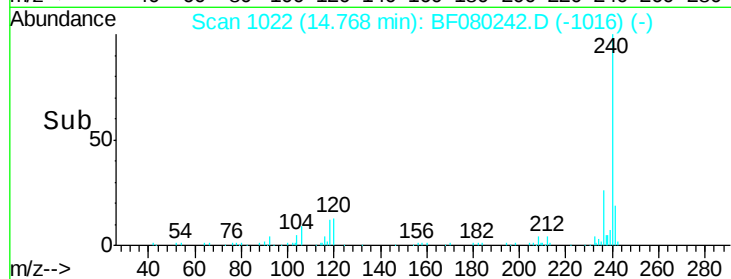
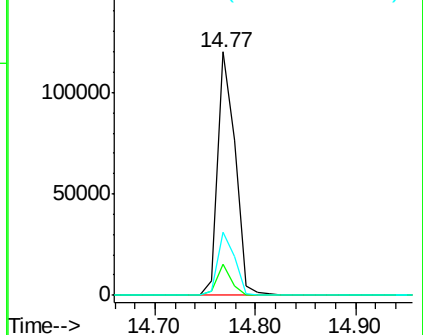
236 25.9 18.4 27.6



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: 77.72 ng

RT: 13.52 min Scan# 913

Delta R.T. -0.15 min

Lab File: BF080242.D

Acq: 30 Jun 2015 18:03

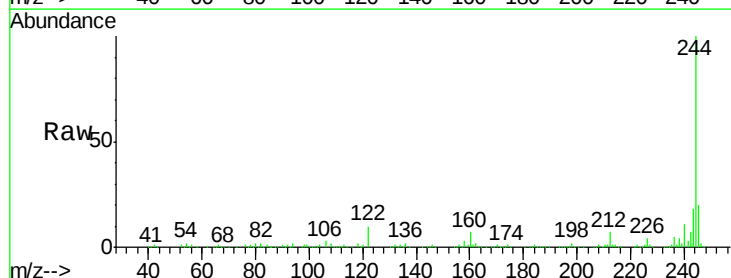
Tgt Ion:244 Resp: 481922

Ion Ratio Lower Upper

244 100

212 6.7 4.3 6.5#

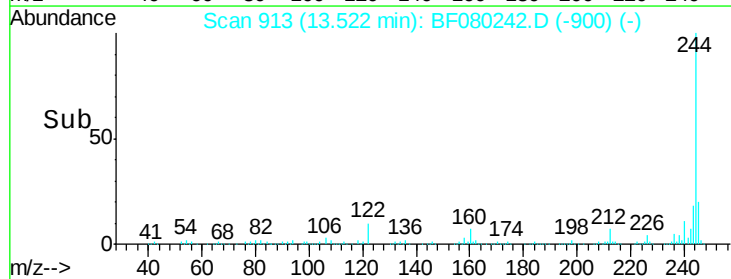
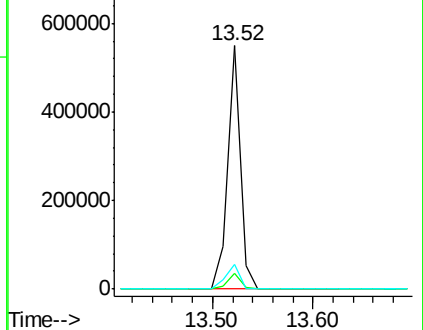
122 10.3 17.4 26.2#

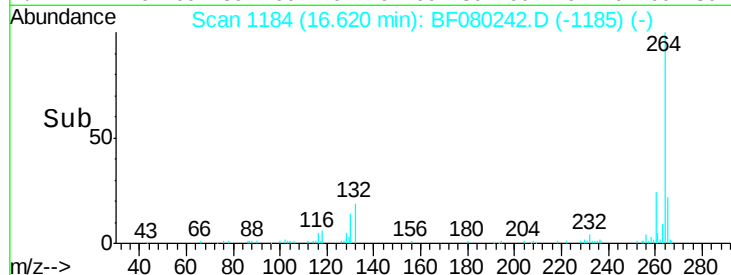
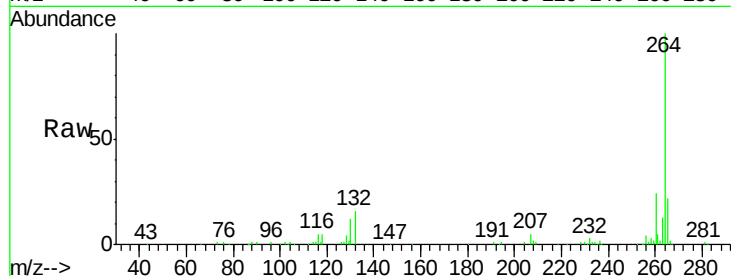
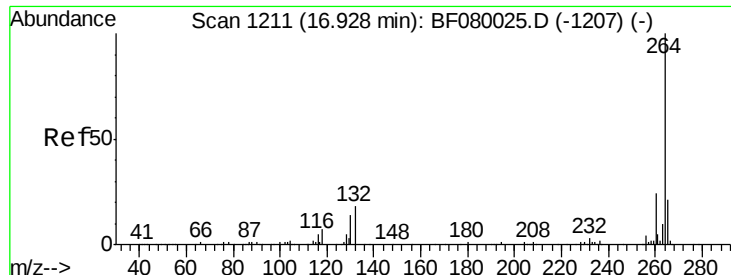


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.62 min Scan# 1184
Delta R.T. -0.31 min
Lab File: BF080242.D
Acq: 30 Jun 2015 18:03

Instrument :
BNA_F
ClientSampleId :
PB84281TB

Tgt Ion:	264	Resp:	137256
Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	21.9	17.2	25.8

