

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080083.D
 Acq On : 20 Jun 2015 5:59
 Operator : TP/IZ
 Sample : G2576-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SHB6

Quant Time: Jun 20 06:30:11 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

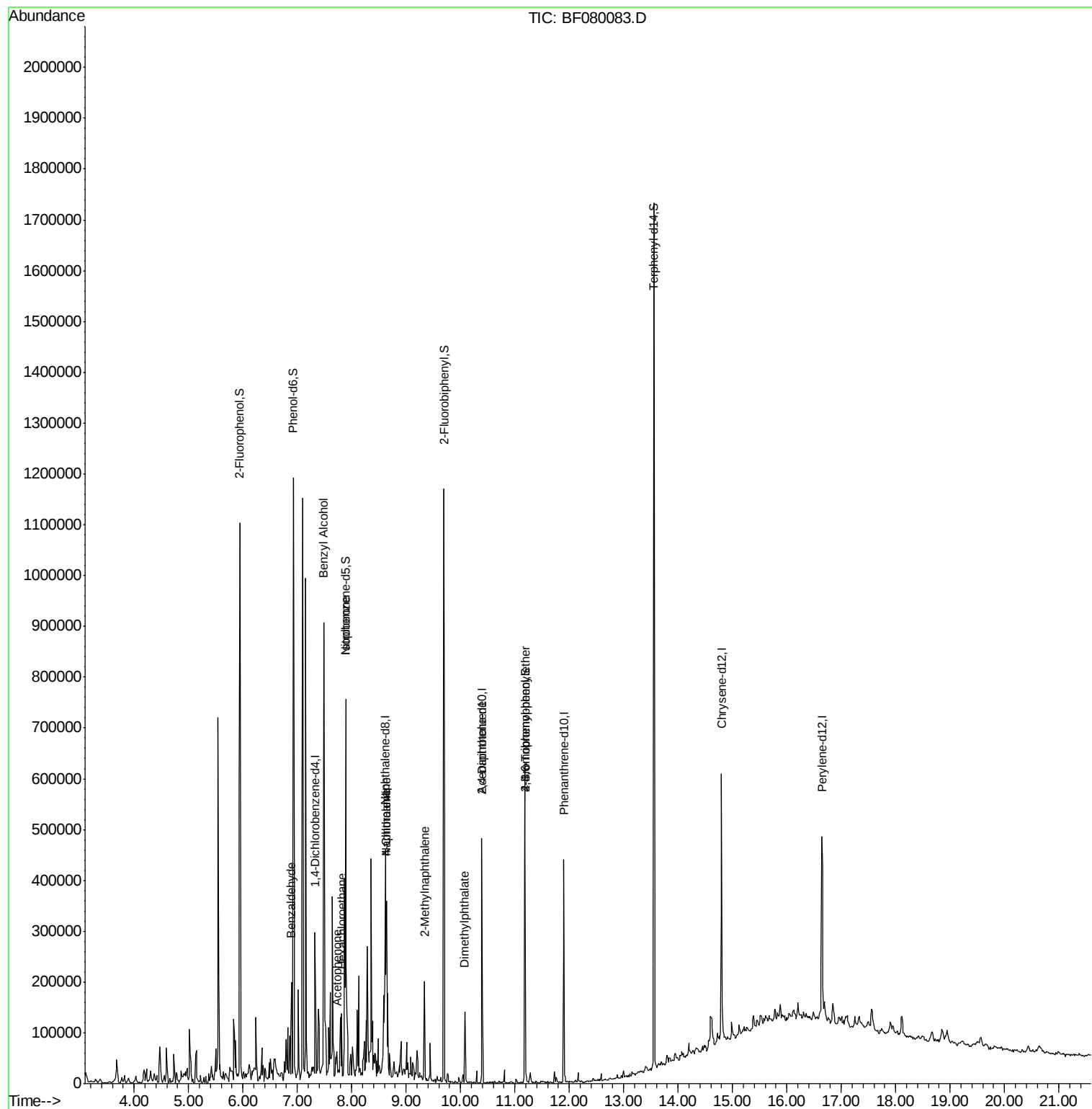
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	44006	20.00	ng	-0.01
21) Naphthalene-d8	8.62	136	184492	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	95938	20.00	ng	-0.01
63) Phenanthrene-d10	11.90	188	197711	20.00	ng	-0.01
75) Chrysene-d12	14.80	240	223705	20.00	ng	-0.06
86) Perylene-d12	16.64	264	222956	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	275601	110.86	ng	0.00
7) Phenol-d6	6.93	99	343282	103.77	ng	-0.01
23) Nitrobenzene-d5	7.89	82	214164	67.58	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	95513	101.81	ng	-0.01
44) 2-Fluorobiphenyl	9.69	172	401417	59.67	ng	-0.01
78) Terphenyl-d14	13.56	244	539852	56.36	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.89	77	10013	5.24	ng	# 1
15) Benzyl Alcohol	7.49	79	5871	2.17	ng	# 30
18) Hexachloroethane	7.82	117	6754	6.18	ng	# 1
22) Acetophenone	7.73	105	20007	4.65	ng	# 49
25) Isophorone	7.89	82	211505	33.16	ng	# 59
31) Naphthalene	8.64	128	114949	11.92	ng	# 96
33) 4-Chloroaniline	8.64	127	14688	3.56	ng	# 32
37) 2-Methylnaphthalene	9.34	142	48047	7.70	ng	# 93
49) Dimethylphthalate	10.08	163	50815	7.05	ng	# 98
56) 2,4-Dinitrotoluene	10.39	165	12561	6.85	ng	# 31
66) 4-Bromophenyl-phenylether	11.19	248	6292	2.99	ng	# 1

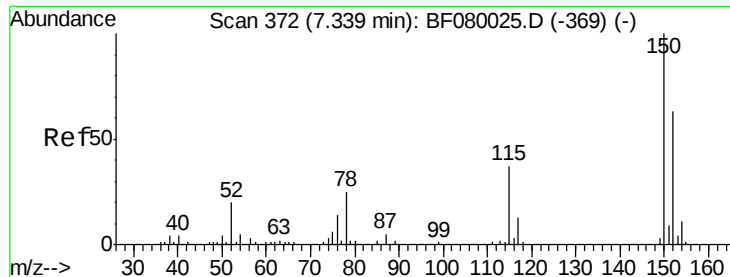
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
Data File : BF080083.D
Acq On : 20 Jun 2015 5:59
Operator : TP/IZ
Sample : G2576-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SHB6

Quant Time: Jun 20 06:30:11 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF080083.D

Acq: 20 Jun 2015 5:59

Instrument :

BNA_F

ClientSampleId :

SHB6

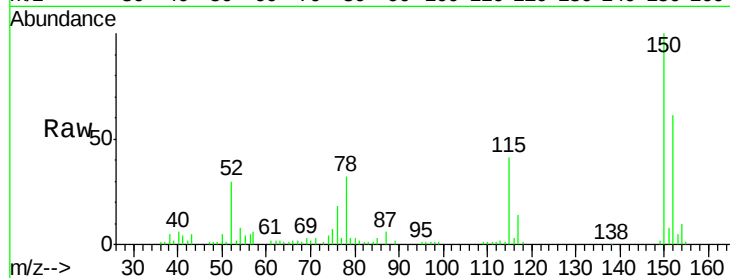
Tgt Ion:152 Resp: 44006

Ion Ratio Lower Upper

152 100

150 164.2 124.7 187.1

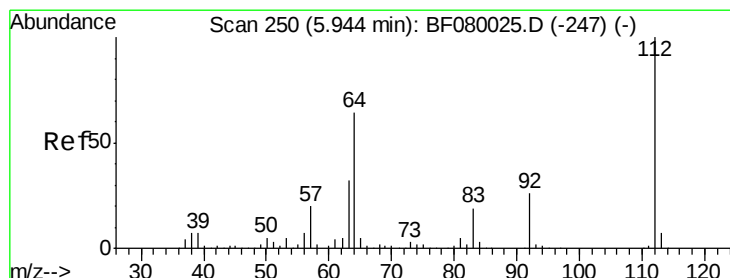
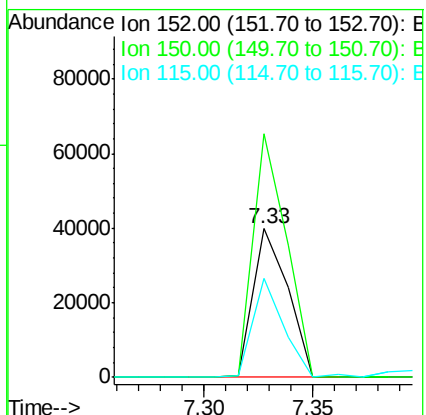
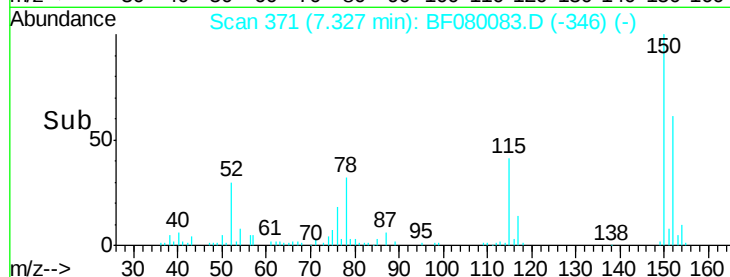
115 67.2 39.0 58.4#



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: 110.86 ng

RT: 5.94 min Scan# 250

Delta R.T. 0.00 min

Lab File: BF080083.D

Acq: 20 Jun 2015 5:59

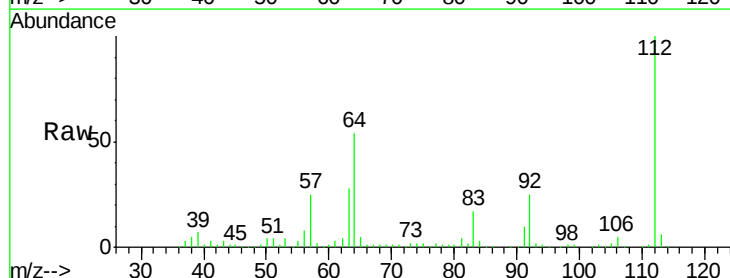
Tgt Ion:112 Resp: 275601

Ion Ratio Lower Upper

112 100

64 53.8 39.7 59.5

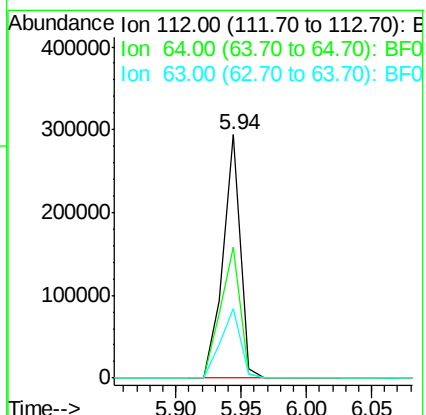
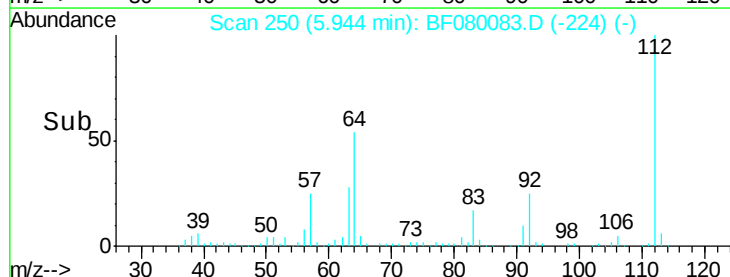
63 28.4 17.4 26.0#

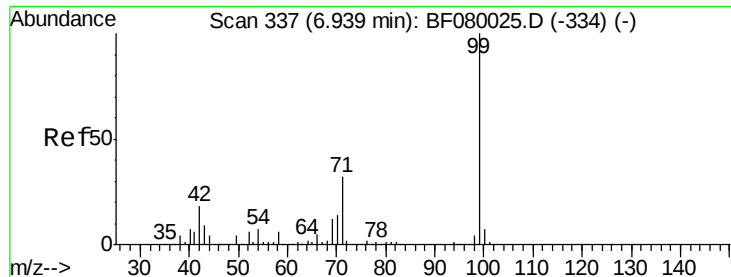


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.77 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF080083.D

Acq: 20 Jun 2015 5:59

Instrument :

BNA_F

ClientSampleId :

SHB6

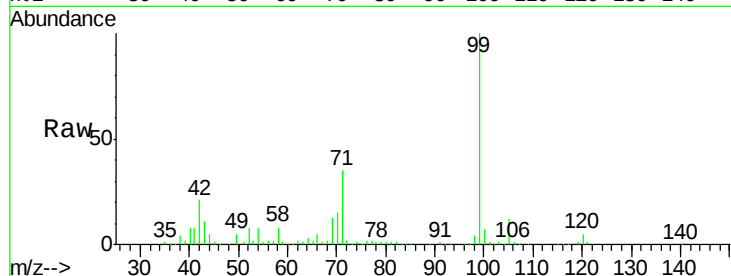
Tgt Ion: 99 Resp: 343282

Ion Ratio Lower Upper

99 100

42 21.2 13.7 20.5#

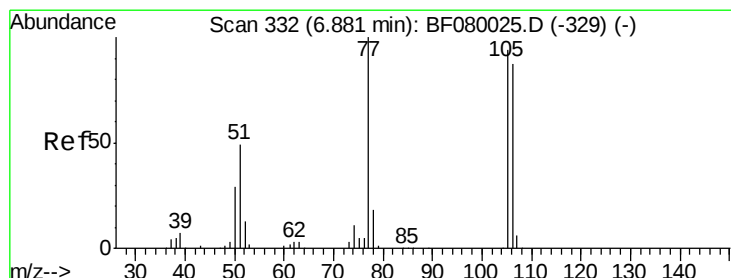
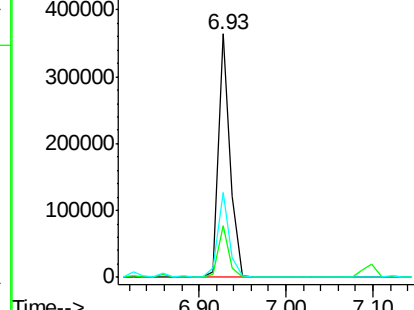
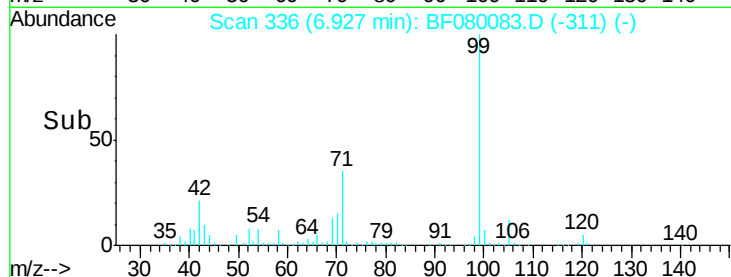
71 34.8 14.2 21.2#



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



#9

Benzaldehyde

Concen: 5.24 ng

RT: 6.89 min Scan# 333

Delta R.T. 0.01 min

Lab File: BF080083.D

Acq: 20 Jun 2015 5:59

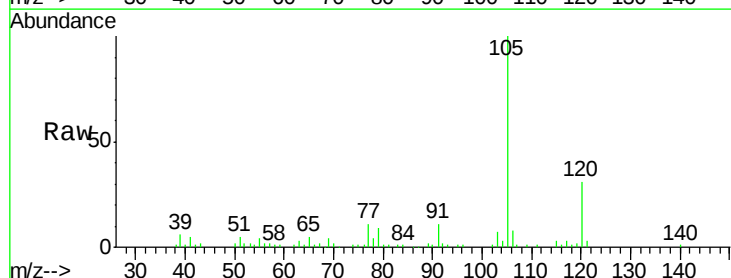
Tgt Ion: 77 Resp: 10013

Ion Ratio Lower Upper

77 100

105 877.9 91.6 131.6#

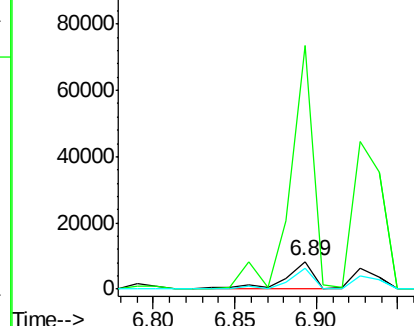
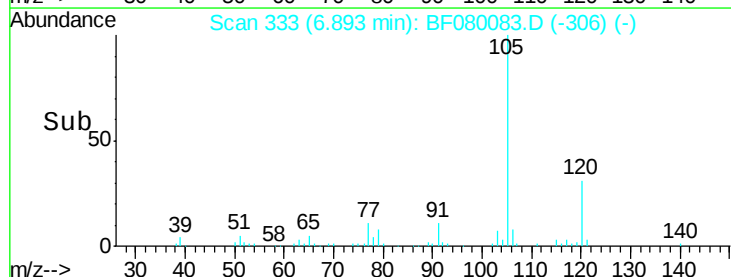
106 74.4 102.6 142.6#

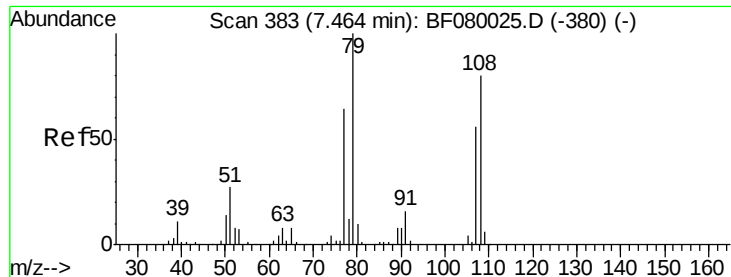


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.17 ng

RT: 7.49 min Scan# 385

Delta R.T. 0.02 min

Lab File: BF080083.D

Acq: 20 Jun 2015 5:59

Instrument :

BNA_F

ClientSampleId :

SHB6

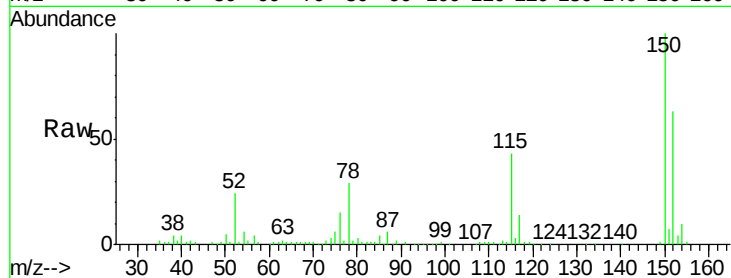
Tgt Ion: 79 Resp: 5871

Ion Ratio Lower Upper

79 100

108 30.8 88.6 132.8#

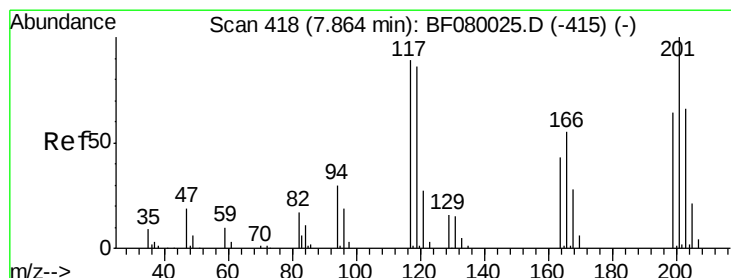
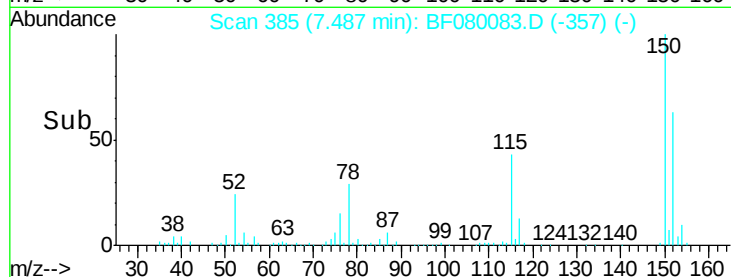
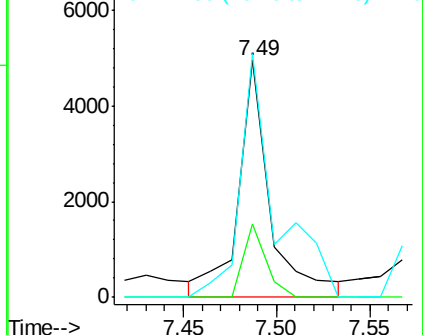
77 102.8 47.0 70.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 6.18 ng

RT: 7.82 min Scan# 414

Delta R.T. -0.05 min

Lab File: BF080083.D

Acq: 20 Jun 2015 5:59

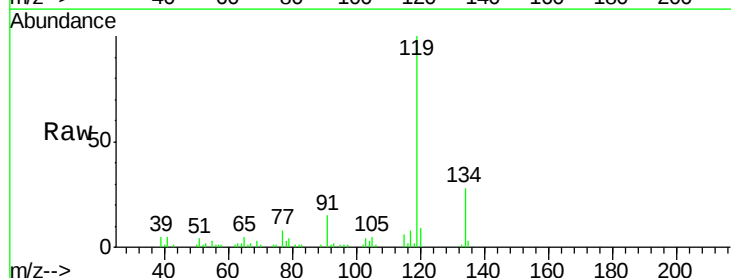
Tgt Ion: 117 Resp: 6754

Ion Ratio Lower Upper

117 100

119 1308.2 83.8 125.6#

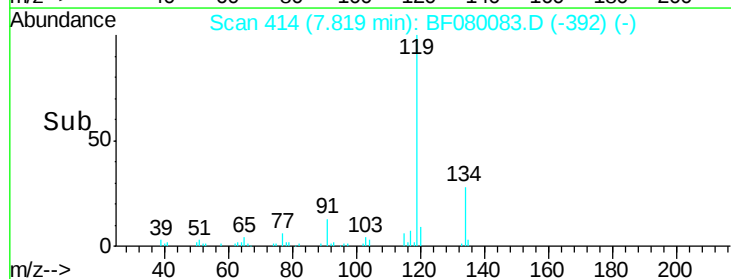
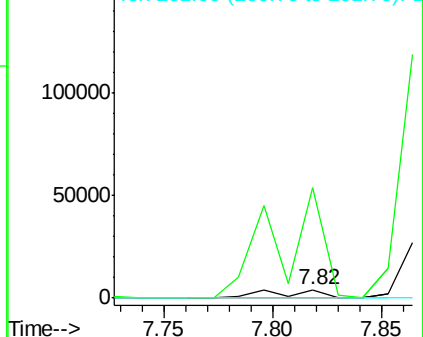
201 0.0 55.1 82.7#

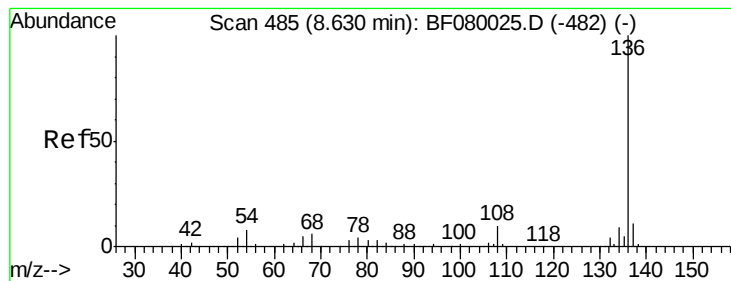


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.62 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF080083.D

Acq: 20 Jun 2015 5:59

Instrument :

BNA_F

ClientSampleId :

SHB6

Tgt Ion:136 Resp: 184492

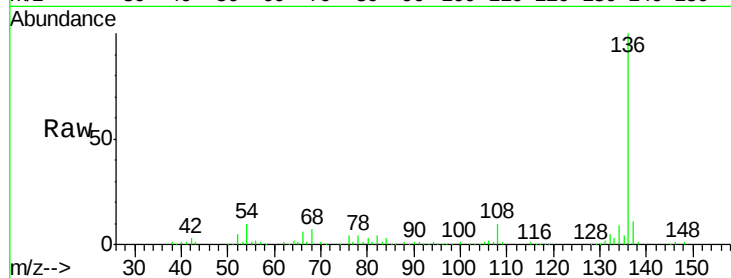
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 10.3 8.2 12.2

68 7.3 5.8 8.6

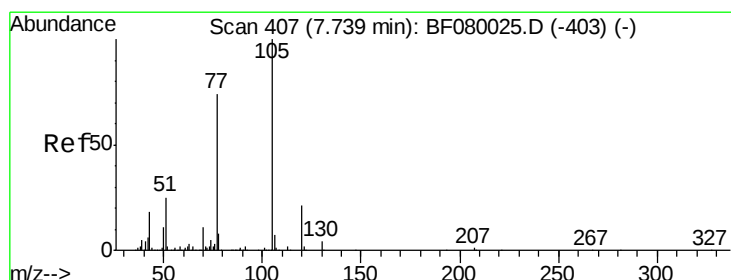
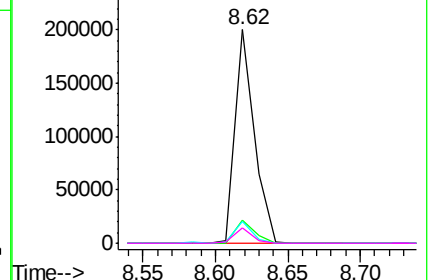
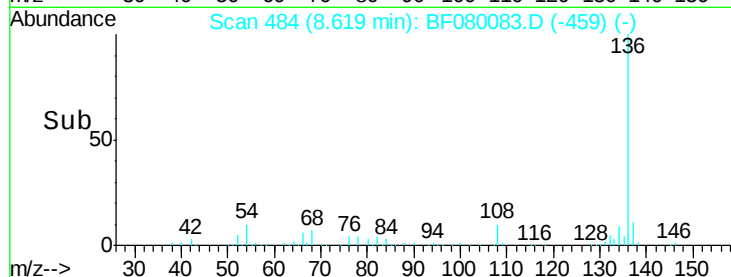


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 4.65 ng

RT: 7.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF080083.D

Acq: 20 Jun 2015 5:59

Tgt Ion:105 Resp: 20007

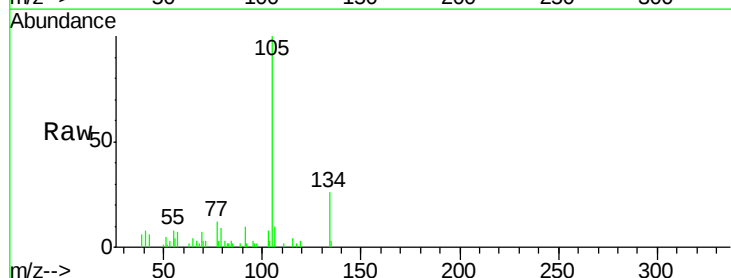
Ion Ratio Lower Upper

105 100

71 2.6 4.7 7.1#

51 4.8 22.0 33.0#

120 0.0 30.1 45.1#

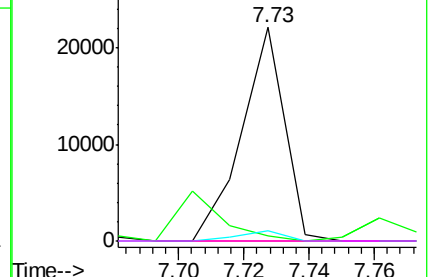
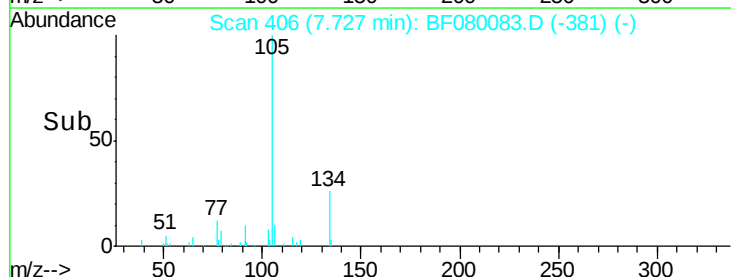


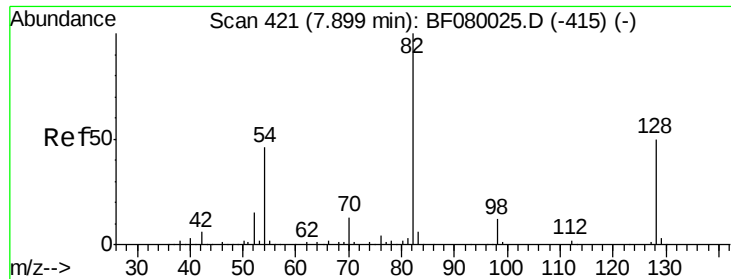
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

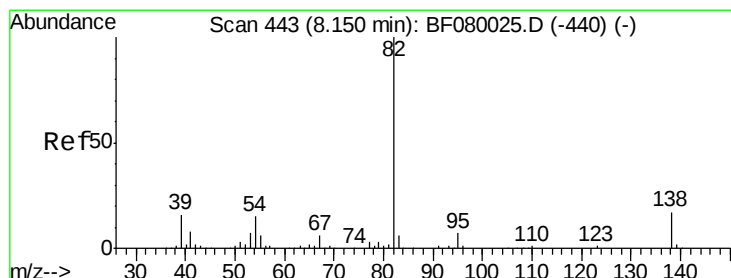
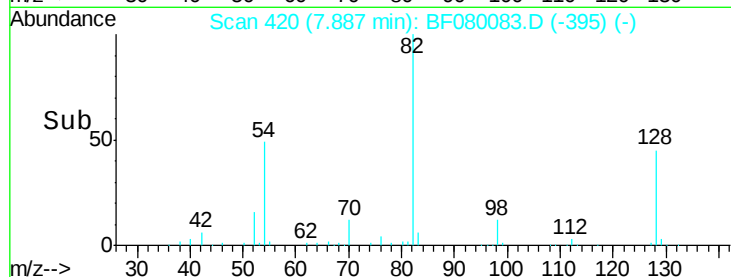
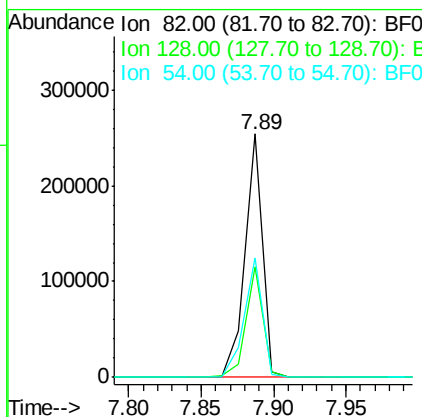
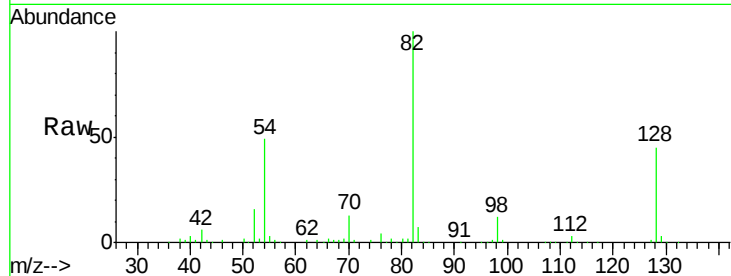




#23
Nitrobenzene-d5
Concen: 67.58 ng
RT: 7.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF080083.D
Acq: 20 Jun 2015 5:59

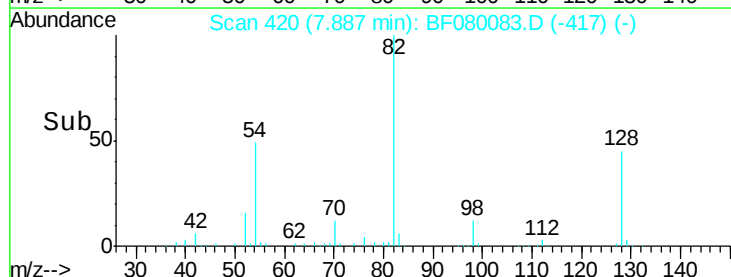
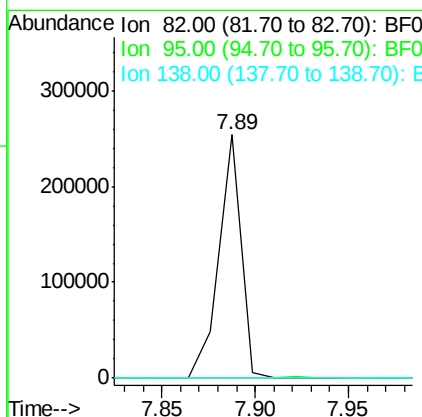
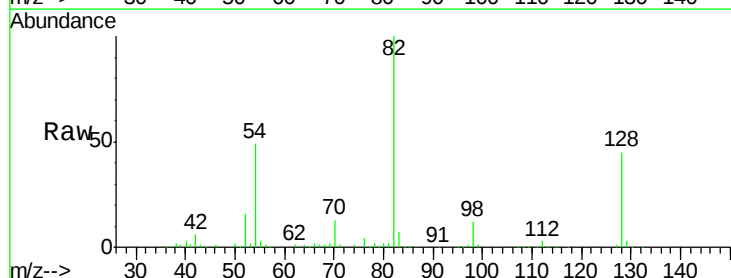
Instrument :
BNA_F
ClientSampleId :
SHB6

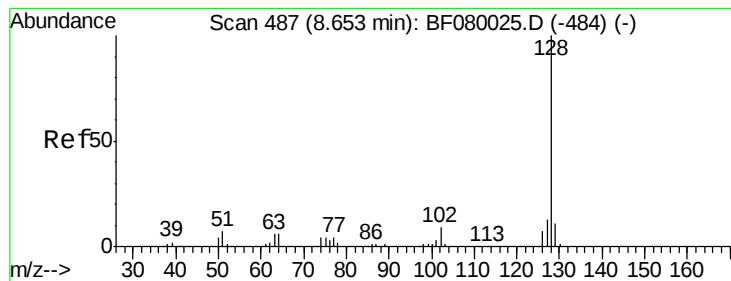
Tgt Ion: 82 Resp: 214164
Ion Ratio Lower Upper
82 100
128 45.4 51.0 76.6#
54 49.2 47.5 71.3



#25
Isophorone
Concen: 33.16 ng
RT: 7.89 min Scan# 420
Delta R.T. -0.26 min
Lab File: BF080083.D
Acq: 20 Jun 2015 5:59

Tgt Ion: 82 Resp: 211505
Ion Ratio Lower Upper
82 100
95 0.3 4.0 6.0#
138 0.0 18.3 27.5#





#31

Naphthalene

Concen: 11.92 ng

RT: 8.64 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF080083.D

Acq: 20 Jun 2015 5:59

Instrument :

BNA_F

ClientSampleId :

SHB6

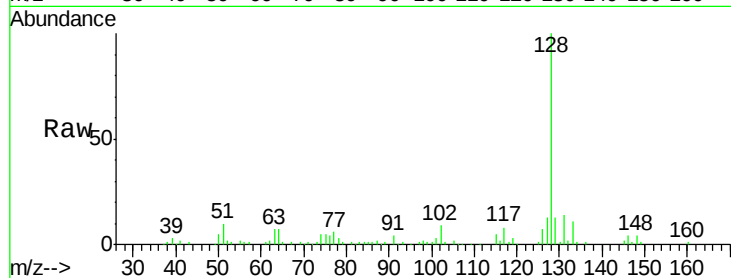
Tgt Ion:128 Resp: 114949

Ion Ratio Lower Upper

128 100

129 12.7 8.4 12.6#

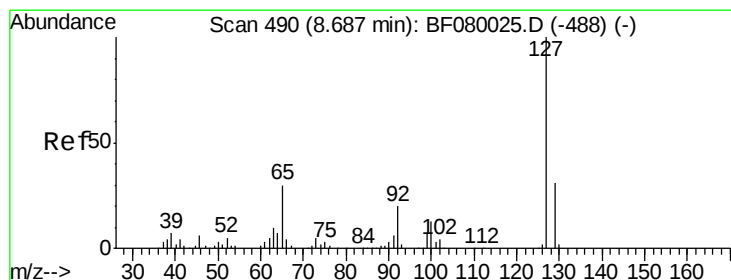
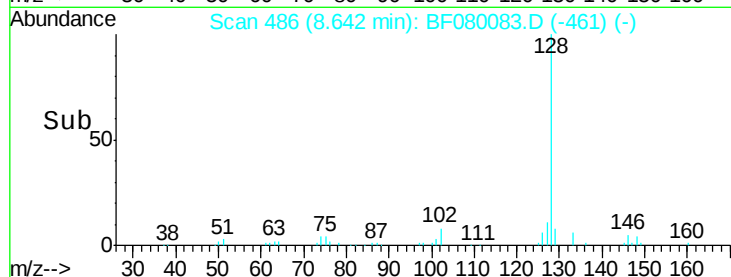
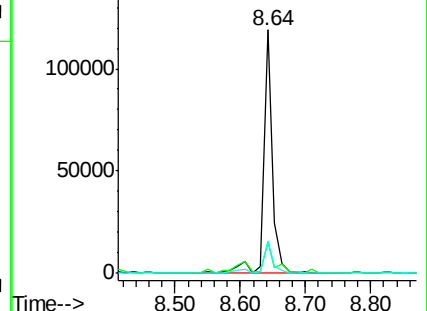
127 13.3 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 3.56 ng

RT: 8.64 min Scan# 486

Delta R.T. -0.05 min

Lab File: BF080083.D

Acq: 20 Jun 2015 5:59

Tgt Ion:127 Resp: 14688

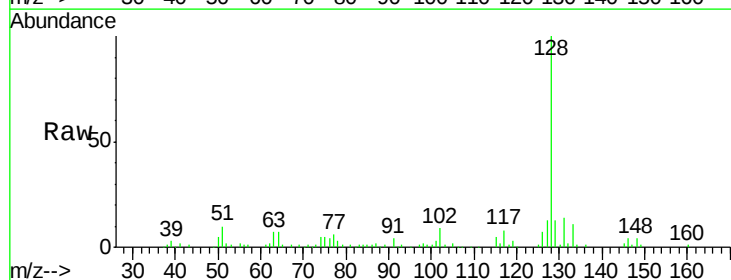
Ion Ratio Lower Upper

127 100

129 95.4 25.8 38.6#

65 8.9 17.9 26.9#

92 3.3 10.5 15.7#

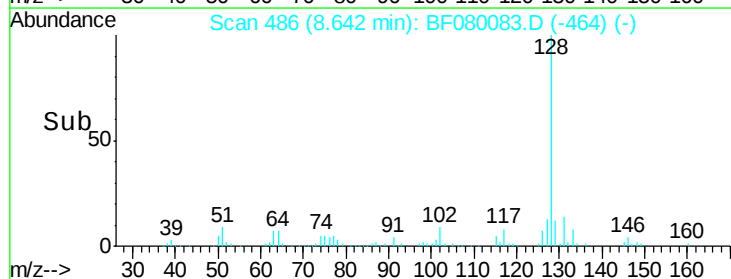
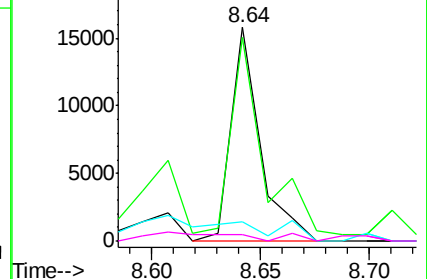


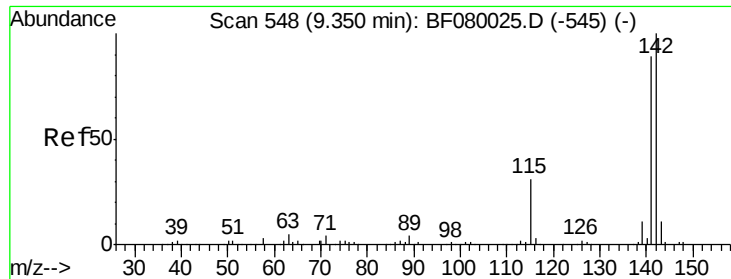
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

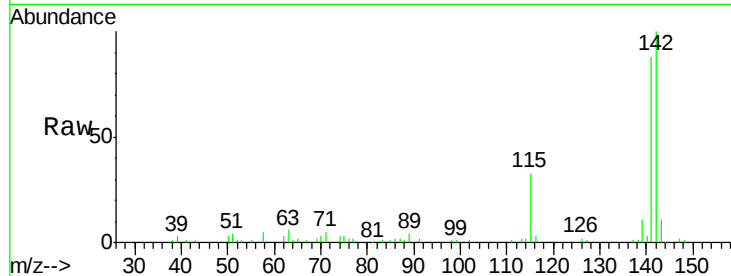




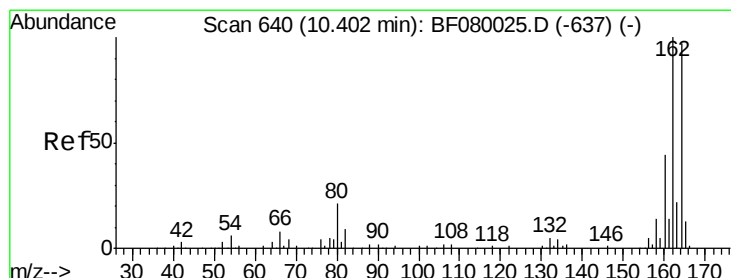
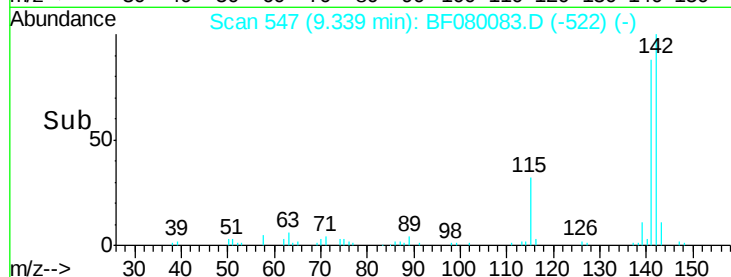
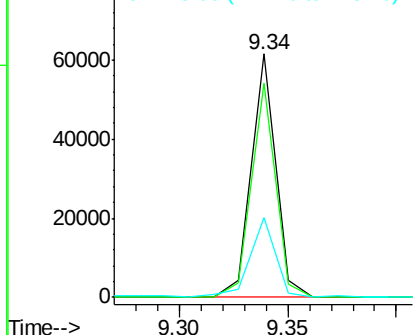
#37
2-Methylnaphthalene
Concen: 7.70 ng
RT: 9.34 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF080083.D
Acq: 20 Jun 2015 5:59

Instrument :
BNA_F
ClientSampled :
SHB6

Tgt Ion:142 Resp: 48047
Ion Ratio Lower Upper
142 100
141 87.9 67.5 101.3
115 32.7 18.2 27.2#

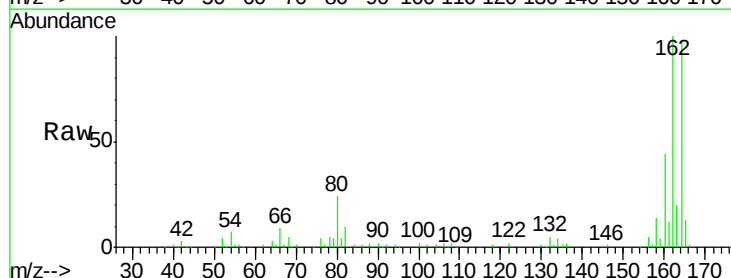


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

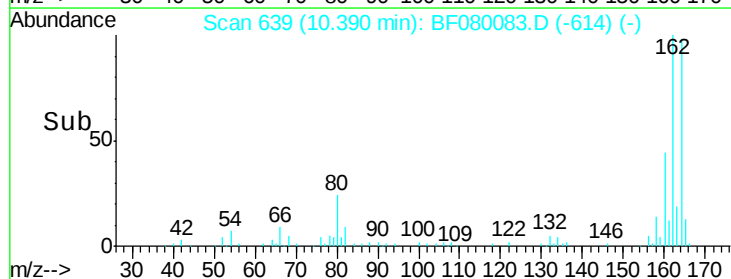
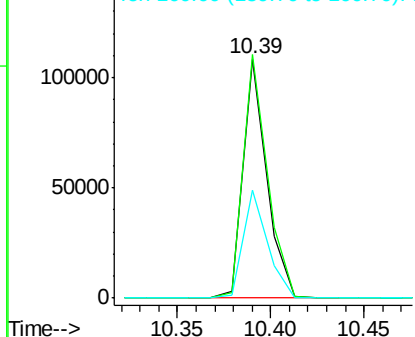


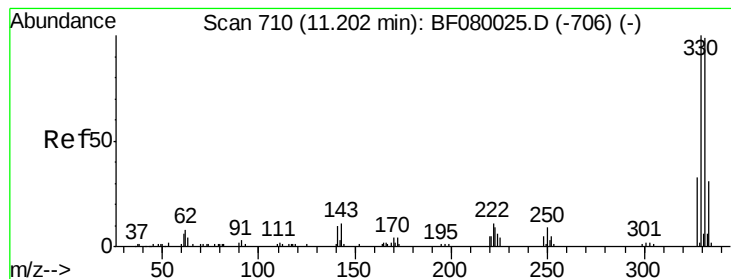
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.39 min Scan# 639
Delta R.T. -0.01 min
Lab File: BF080083.D
Acq: 20 Jun 2015 5:59

Tgt Ion:164 Resp: 95938
Ion Ratio Lower Upper
164 100
162 102.0 75.2 112.8
160 45.2 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

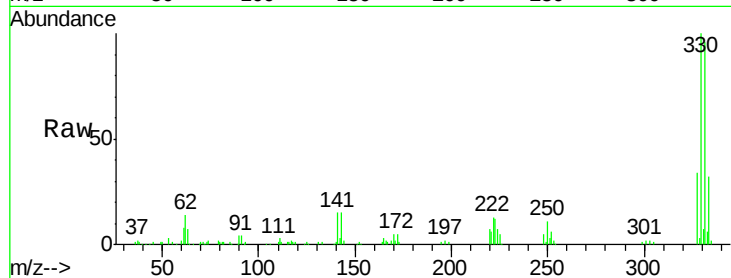




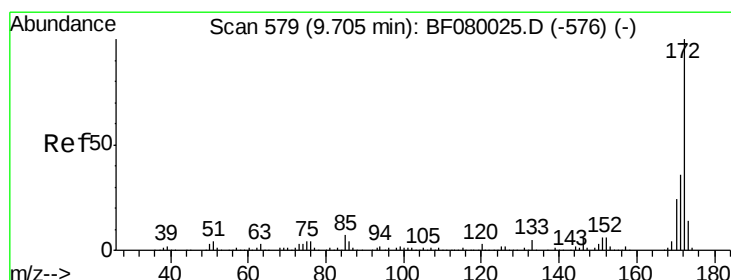
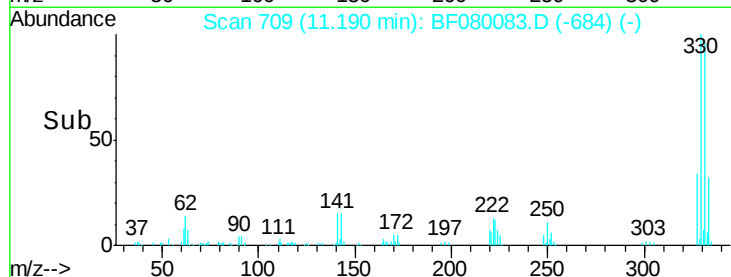
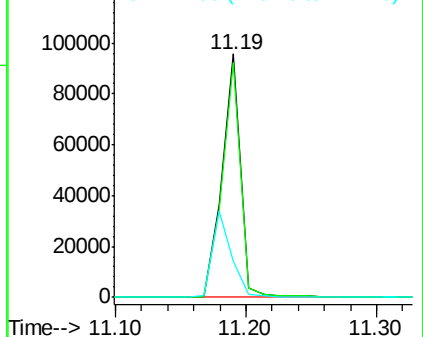
#41
 2,4,6-Tribromophenol
 Concen: 101.81 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080083.D
 Acq: 20 Jun 2015 5:59

Instrument :
 BNA_F
 ClientSampleId :
 SHB6

Tgt Ion:330 Resp: 95513
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 114.8
 141 36.2 29.7 44.5

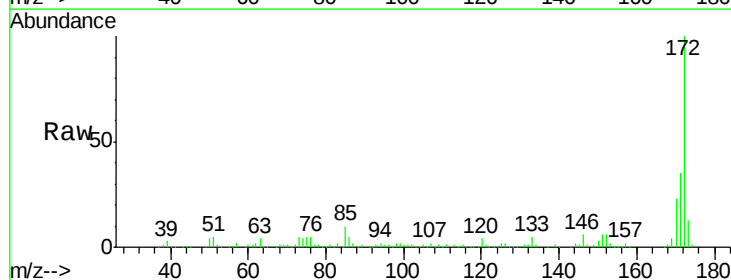


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

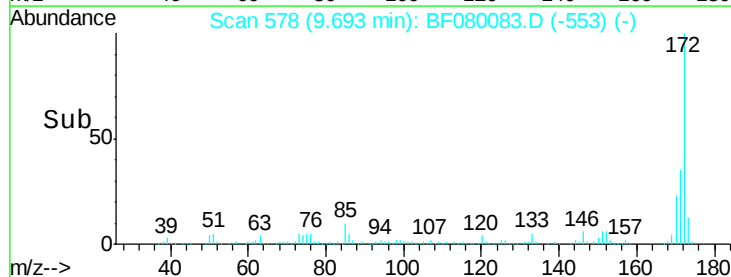
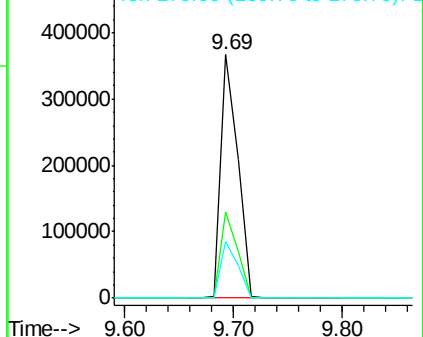


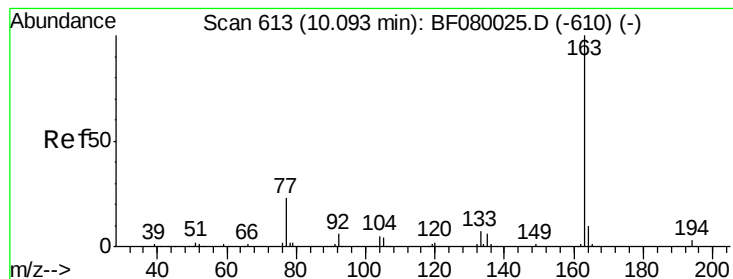
#44
 2-Fluorobiphenyl
 Concen: 59.67 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF080083.D
 Acq: 20 Jun 2015 5:59

Tgt Ion:172 Resp: 401417
 Ion Ratio Lower Upper
 172 100
 171 35.2 26.1 39.1
 170 23.2 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: 7.05 ng

RT: 10.08 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF080083.D

Acq: 20 Jun 2015 5:59

Instrument :

BNA_F

ClientSampleId :

SHB6

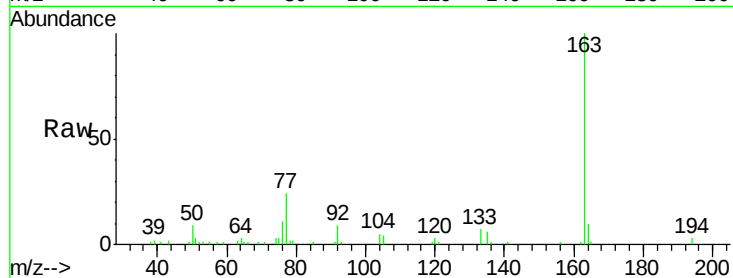
Tgt Ion:163 Resp: 50815

Ion Ratio Lower Upper

163 100

194 3.2 4.4 6.6#

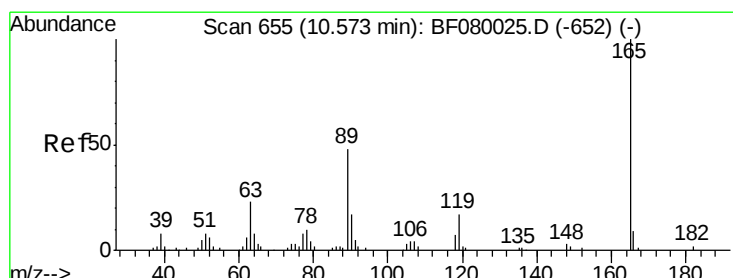
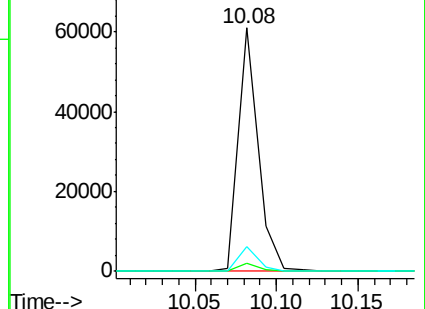
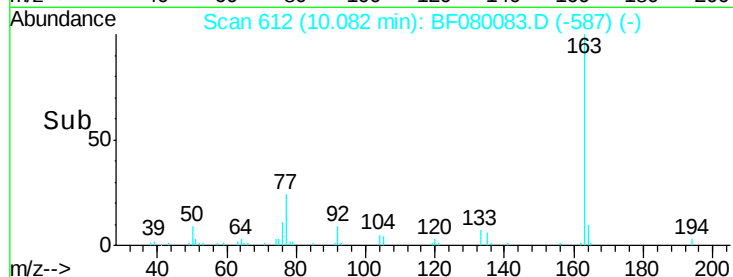
164 10.3 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.85 ng

RT: 10.39 min Scan# 639

Delta R.T. -0.18 min

Lab File: BF080083.D

Acq: 20 Jun 2015 5:59

Tgt Ion:165 Resp: 12561

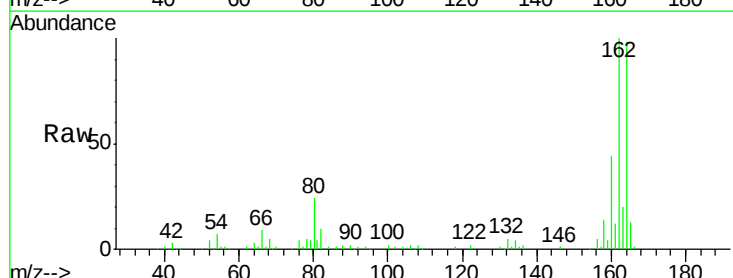
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

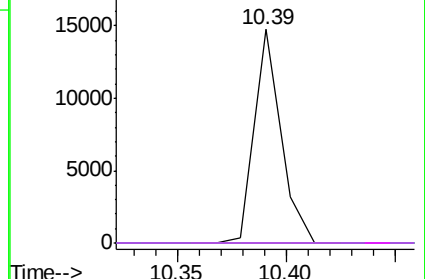
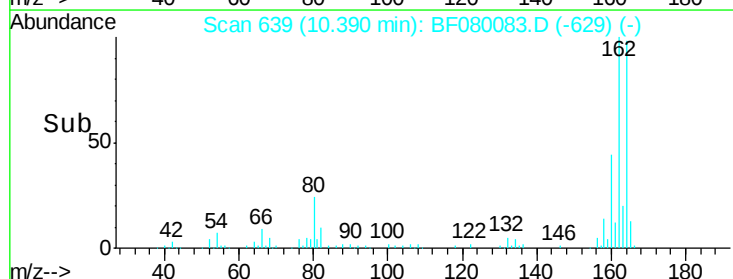


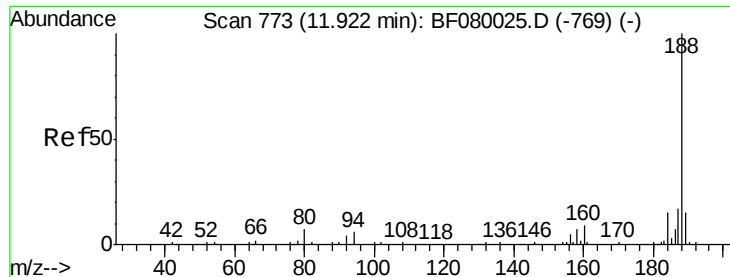
Abundance Ion 165.00 (164.70 to 165.70): E

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

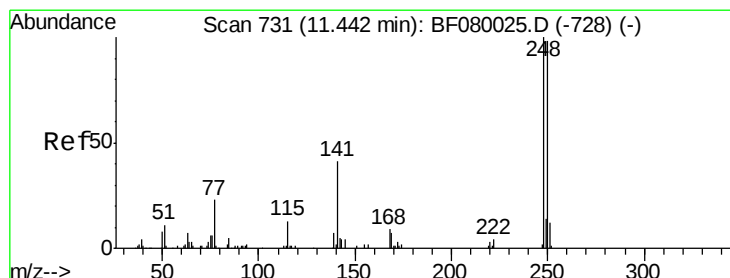
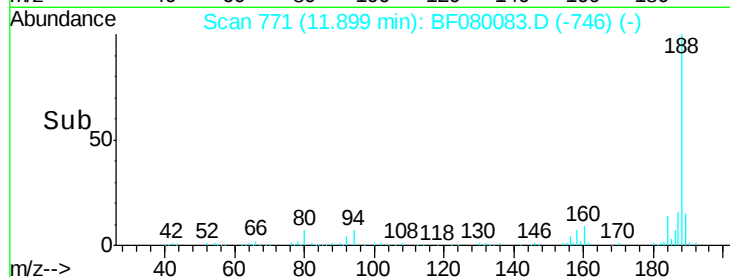
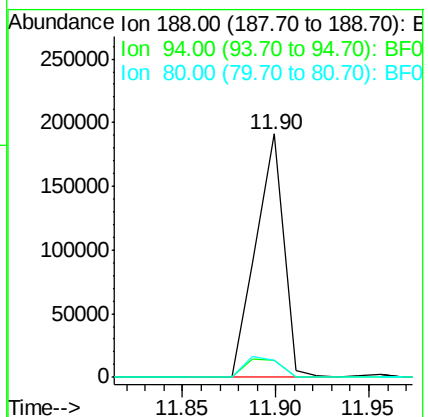
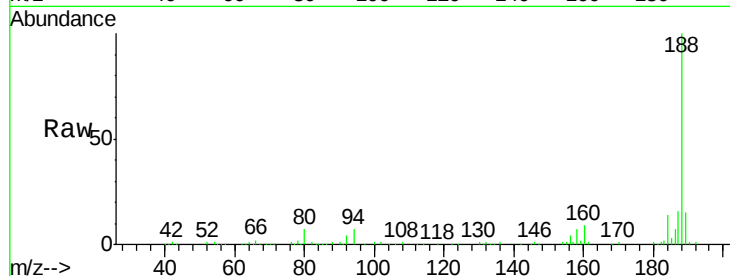




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.90 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF080083.D
 Acq: 20 Jun 2015 5:59

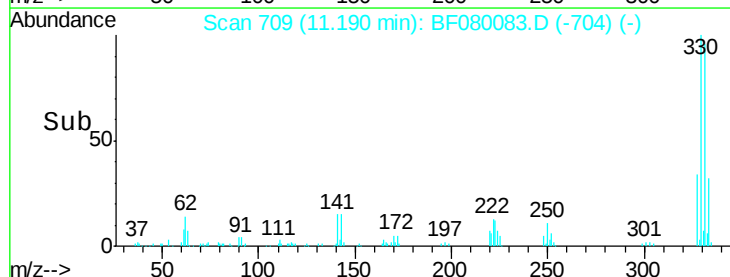
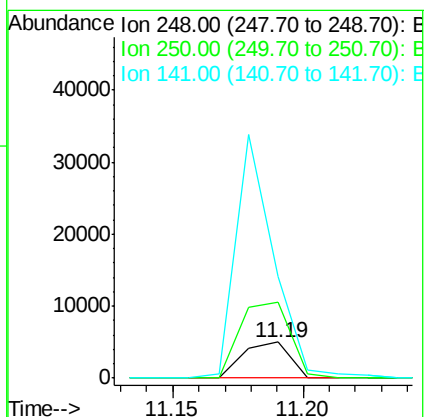
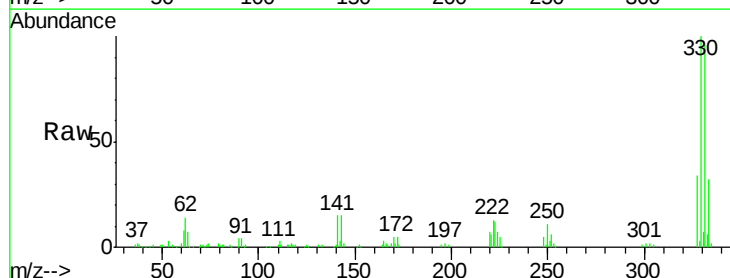
Instrument :
 BNA_F
 ClientSampleId :
 SHB6

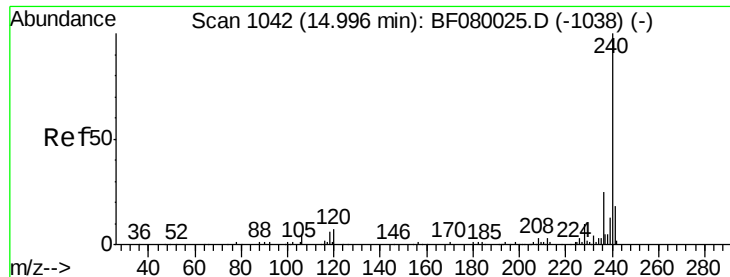
Tgt Ion:188 Resp: 197711
 Ion Ratio Lower Upper
 188 100
 94 6.9 11.1 16.7#
 80 7.1 11.0 16.4#



#66
 4-Bromophenyl-phenylether
 Concen: 2.99 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.24 min
 Lab File: BF080083.D
 Acq: 20 Jun 2015 5:59

Tgt Ion:248 Resp: 6292
 Ion Ratio Lower Upper
 248 100
 250 208.6 78.5 117.7#
 141 282.1 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.80 min Scan# 1025

Delta R.T. -0.06 min

Lab File: BF080083.D

Acq: 20 Jun 2015 5:59

Instrument :

BNA_F

ClientSampleId :

SHB6

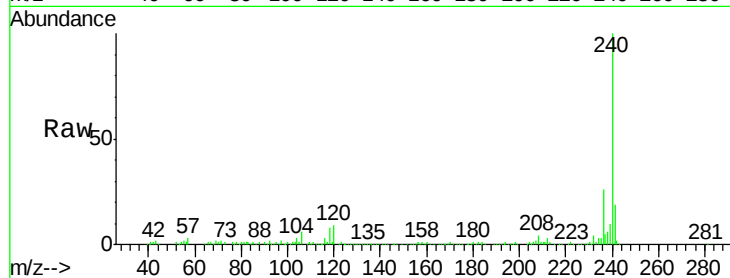
Tgt Ion:240 Resp: 223705

Ion Ratio Lower Upper

240 100

120 8.6 16.2 24.2#

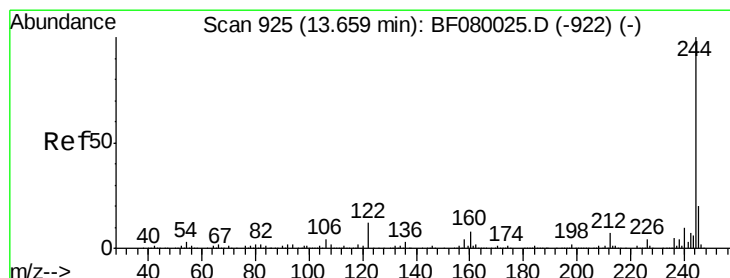
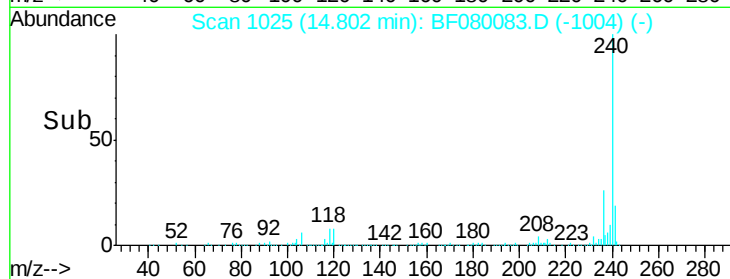
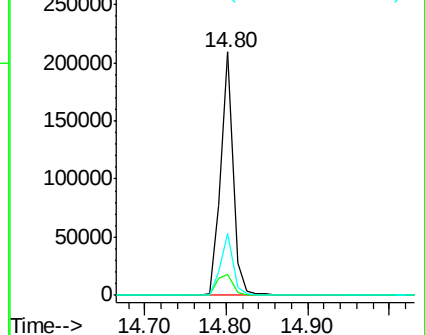
236 25.6 18.4 27.6



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: 56.36 ng

RT: 13.56 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF080083.D

Acq: 20 Jun 2015 5:59

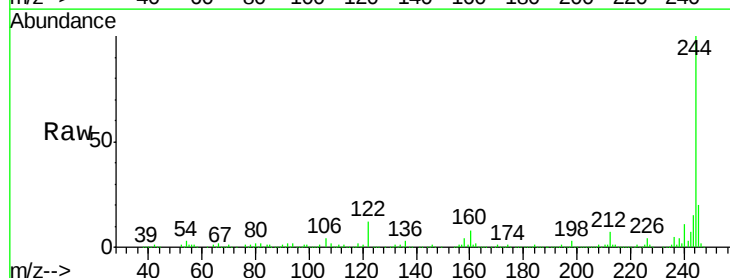
Tgt Ion:244 Resp: 539852

Ion Ratio Lower Upper

244 100

212 7.3 4.3 6.5#

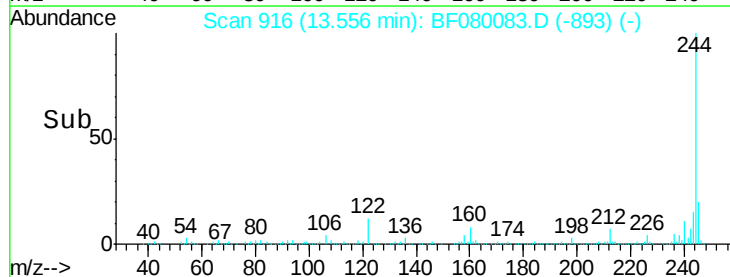
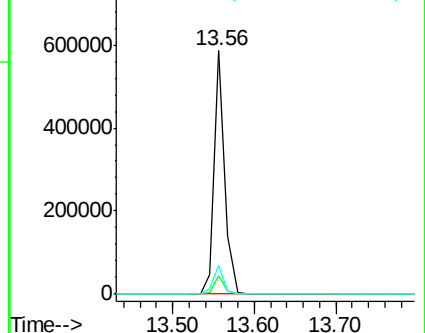
122 11.9 17.4 26.2#

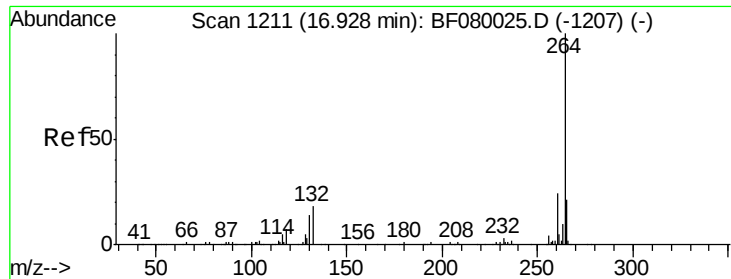


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

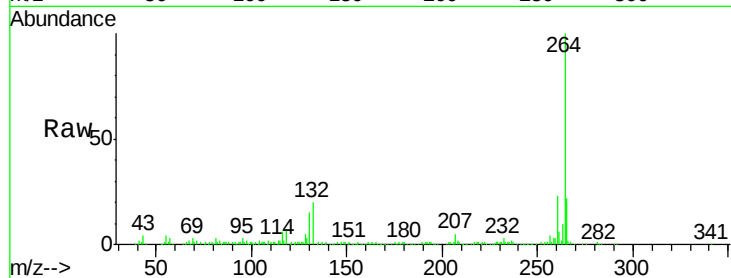




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.64 min Scan# 1186
Delta R.T. -0.10 min
Lab File: BF080083.D
Acq: 20 Jun 2015 5:59

Instrument :
BNA_F
ClientSampleId :
SHB6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	16.7	25.1
265	21.7	17.2	25.8



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

