

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080081.D
 Acq On : 20 Jun 2015 5:01
 Operator : TP/IZ
 Sample : G2576-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SHB13

Quant Time: Jun 20 05:42:14 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

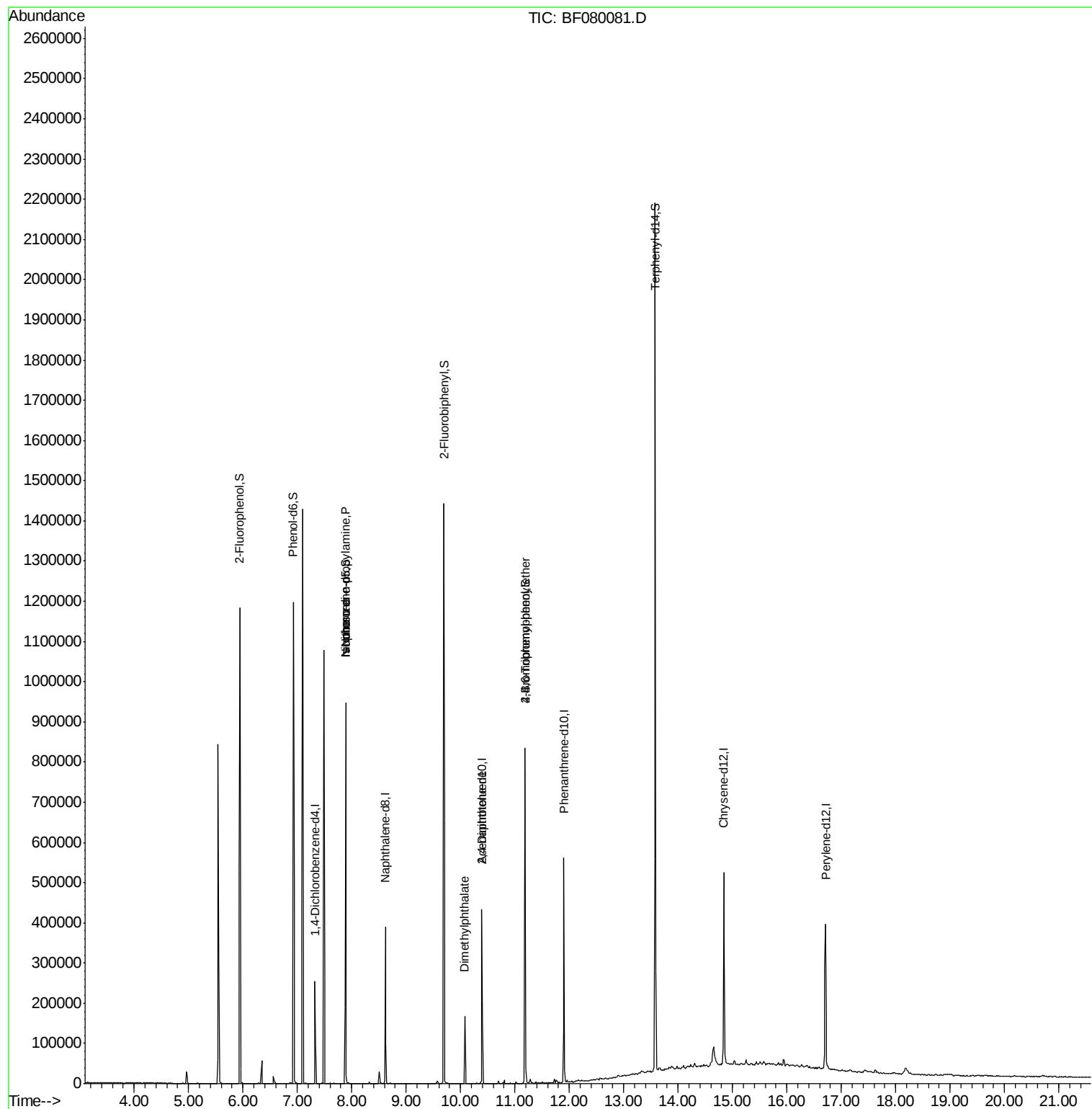
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	40188	20.00	ng	-0.01
21) Naphthalene-d8	8.62	136	169115	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	88696	20.00	ng	-0.01
63) Phenanthrene-d10	11.90	188	201571	20.00	ng	-0.01
75) Chrysene-d12	14.84	240	222043	20.00	ng	-0.02
86) Perylene-d12	16.71	264	215807	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	351675	154.90	ng	0.00
7) Phenol-d6	6.93	99	439580	145.50	ng	-0.01
23) Nitrobenzene-d5	7.89	82	275394	94.80	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	136793	157.72	ng	-0.01
44) 2-Fluorobiphenyl	9.69	172	503479	80.95	ng	-0.01
78) Terphenyl-d14	13.58	244	711463	74.83	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.89	70	35487	16.92	ng	# 59
25) Isophorone	7.89	82	275437	47.11	ng	# 58
49) Dimethylphthalate	10.08	163	62995	9.45	ng	# 96
56) 2,4-Dinitrotoluene	10.39	165	11238	6.62	ng	# 31
66) 4-Bromophenyl-phenylether	11.19	248	9081	4.24	ng	# 1

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

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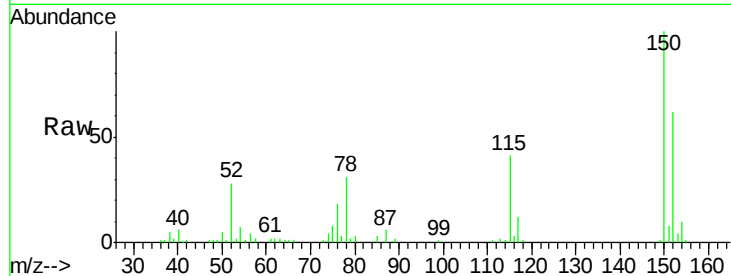


#1

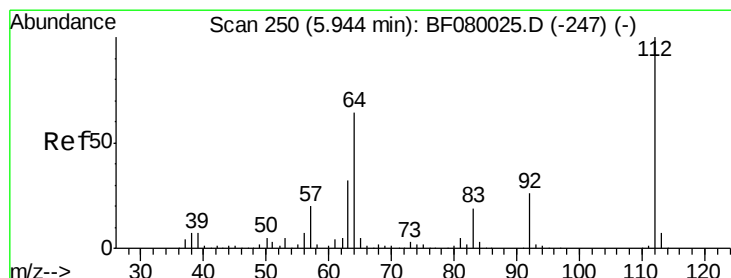
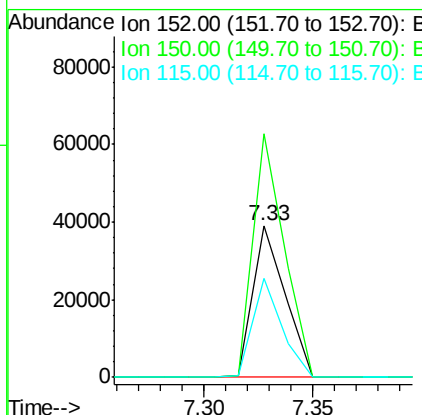
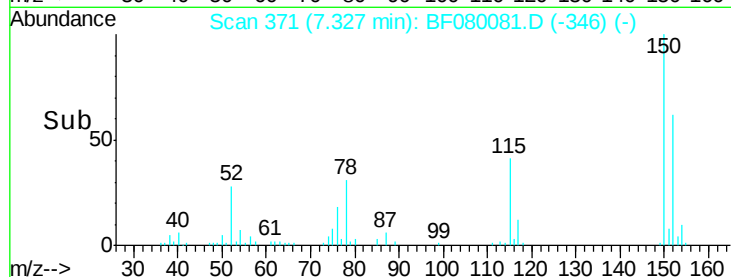
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 371
Delta R.T. -0.01 min
Lab File: BF080081.D
Acq: 20 Jun 2015 5:01

Instrument :
BNA_F
ClientSampleId :
SHB13

Tgt Ion:152 Resp: 40188
Ion Ratio Lower Upper
152 100
150 160.2 124.7 187.1
115 65.5 39.0 58.4#



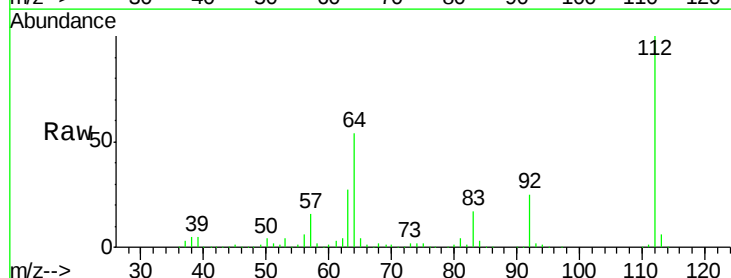
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



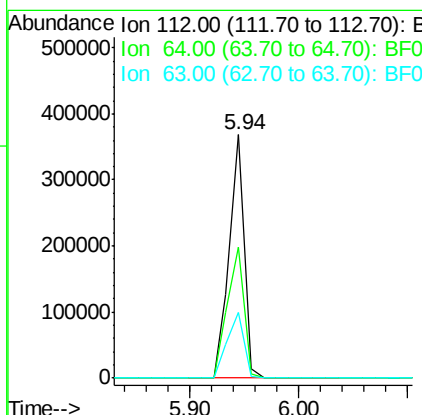
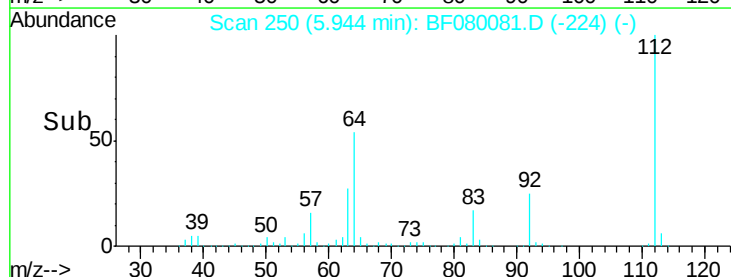
#5

2-Fluorophenol
Concen: 154.90 ng
RT: 5.94 min Scan# 250
Delta R.T. 0.00 min
Lab File: BF080081.D
Acq: 20 Jun 2015 5:01

Tgt Ion:112 Resp: 351675
Ion Ratio Lower Upper
112 100
64 53.6 39.7 59.5
63 27.2 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: 145.50 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF080081.D

Acq: 20 Jun 2015 5:01

Instrument :

BNA_F

ClientSampled :

SHB13

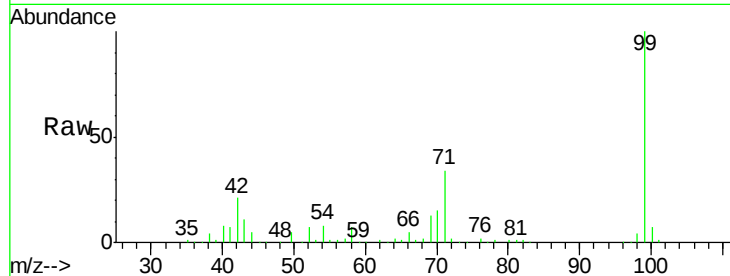
Tgt Ion: 99 Resp: 439580

Ion Ratio Lower Upper

99 100

42 20.8 13.7 20.5#

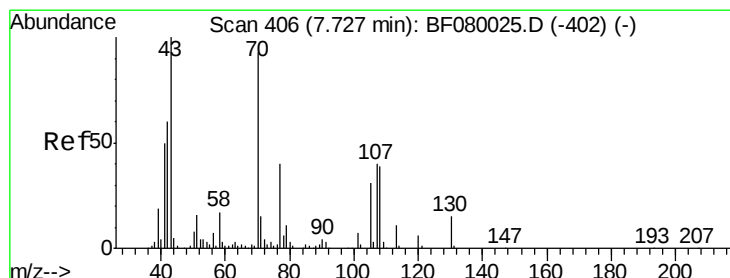
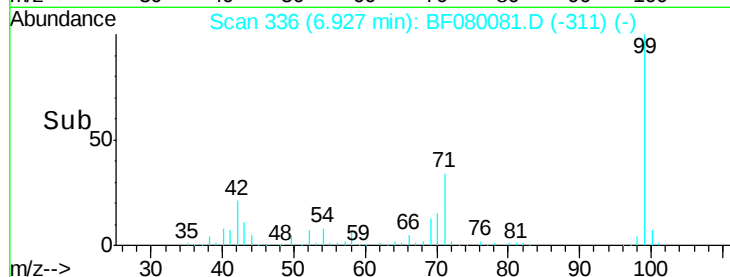
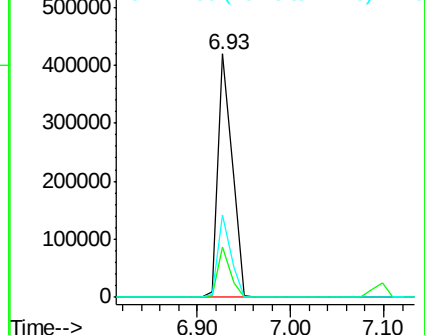
71 33.6 14.2 21.2#



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: 16.92 ng

RT: 7.89 min Scan# 420

Delta R.T. 0.15 min

Lab File: BF080081.D

Acq: 20 Jun 2015 5:01

Tgt Ion: 70 Resp: 35487

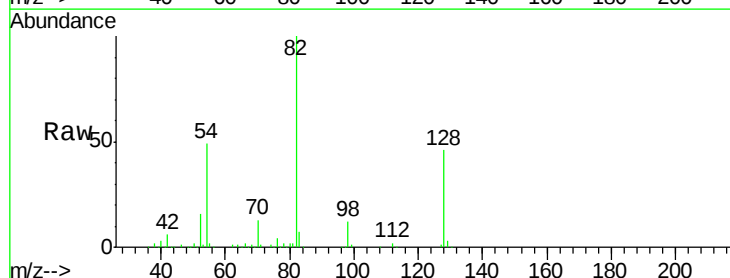
Ion Ratio Lower Upper

70 100

42 47.6 63.8 95.6#

101 0.0 9.2 13.8#

130 2.3 27.3 40.9#

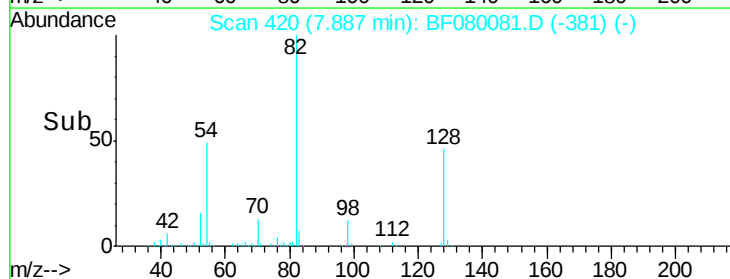
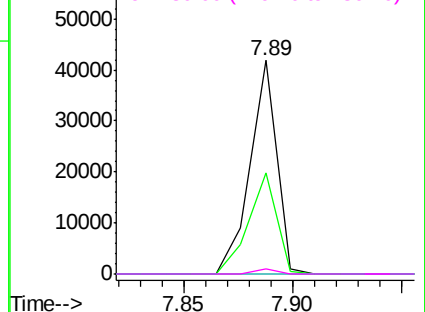


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

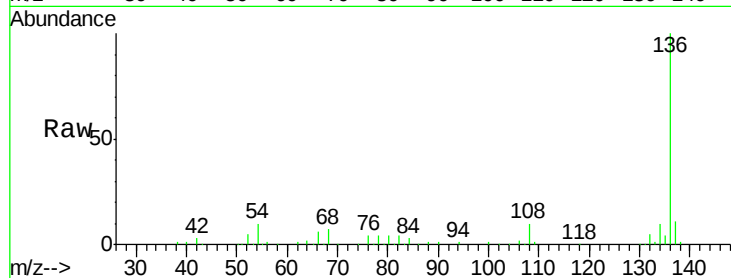




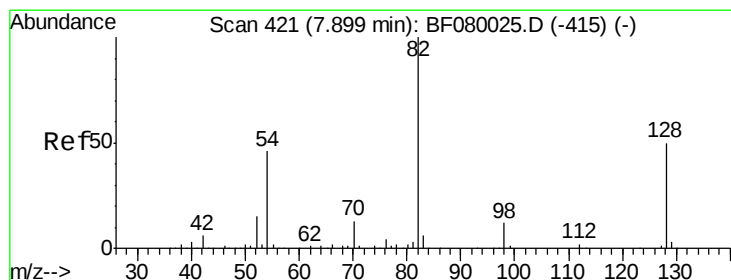
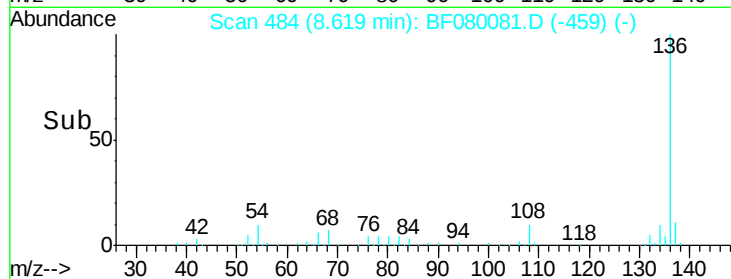
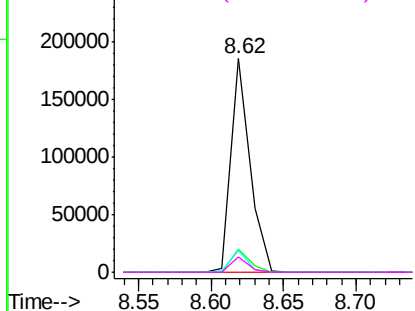
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080081.D
Acq: 20 Jun 2015 5:01

Instrument :
BNA_F
ClientSampleId :
SHB13

Tgt Ion:	136	Resp:	169115
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	10.0	8.2	12.2
68	7.4	5.8	8.6

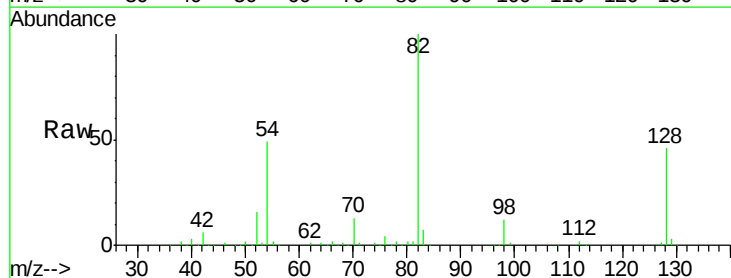


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

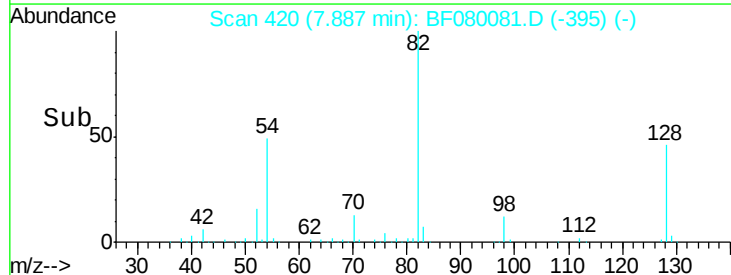
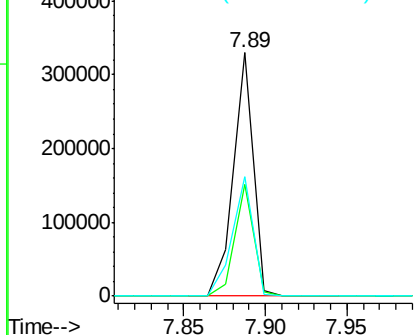


#23
Nitrobenzene-d5
Concen: 94.80 ng
RT: 7.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF080081.D
Acq: 20 Jun 2015 5:01

Tgt Ion:	82	Resp:	275394
Ion	Ratio	Lower	Upper
82	100		
128	45.7	51.0	76.6#
54	48.8	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: 47.11 ng

RT: 7.89 min Scan# 420

Delta R.T. -0.26 min

Lab File: BF080081.D

Acq: 20 Jun 2015 5:01

Instrument :

BNA_F

ClientSampleId :

SHB13

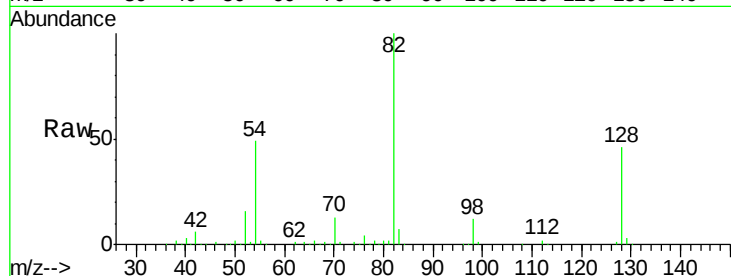
Tgt Ion: 82 Resp: 275437

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

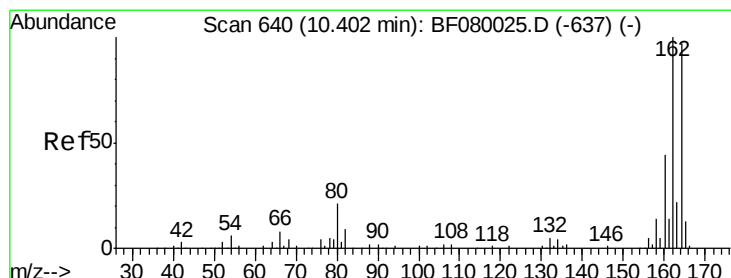
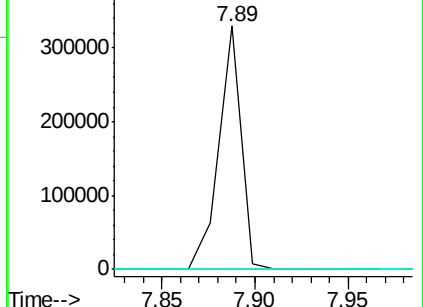
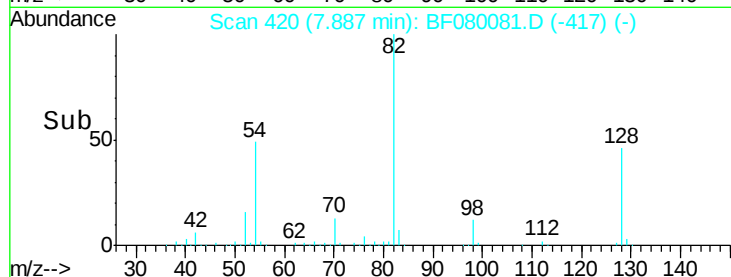
138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF080081.D (-417) (-)

Ion 95.00 (94.70 to 95.70): BF080081.D (-417) (-)

Ion 138.00 (137.70 to 138.70): BF080081.D (-417) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.39 min Scan# 639

Delta R.T. -0.01 min

Lab File: BF080081.D

Acq: 20 Jun 2015 5:01

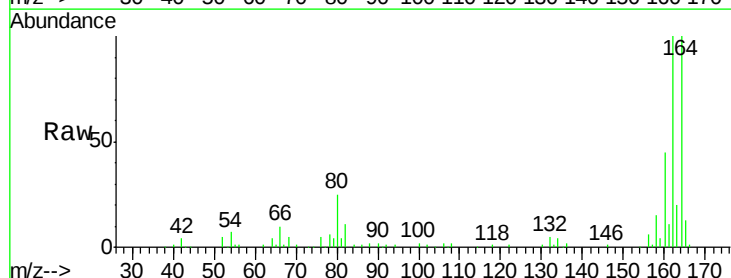
Tgt Ion: 164 Resp: 88696

Ion Ratio Lower Upper

164 100

162 100.5 75.2 112.8

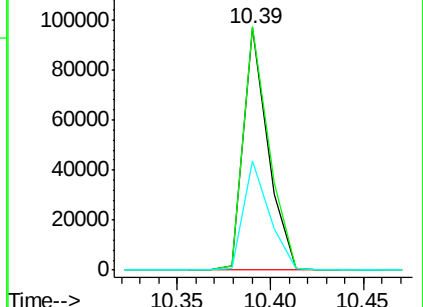
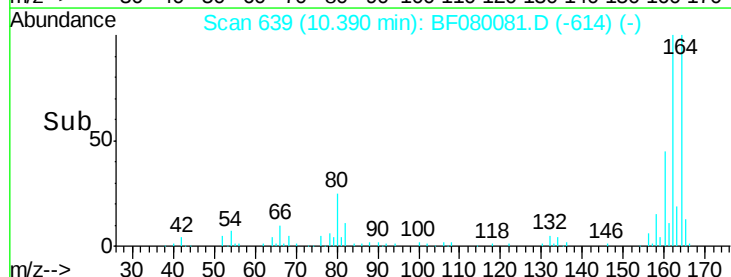
160 44.8 31.5 47.3



Abundance Ion 164.00 (163.70 to 164.70): BF080081.D (-614) (-)

Ion 162.00 (161.70 to 162.70): BF080081.D (-614) (-)

Ion 160.00 (159.70 to 160.70): BF080081.D (-614) (-)

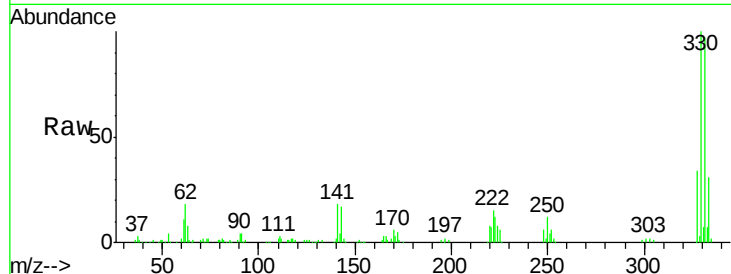




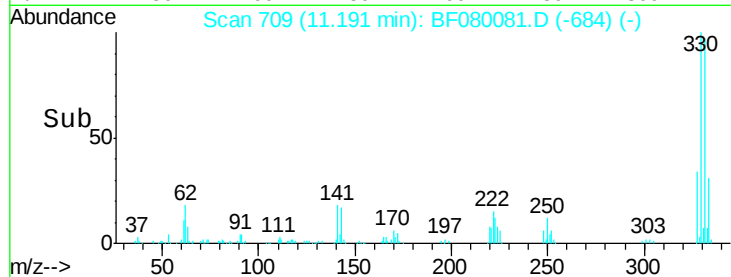
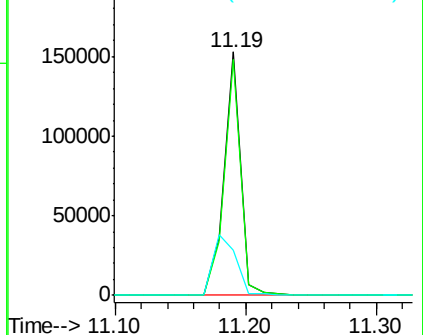
#41
 2,4,6-Tribromophenol
 Concen: 157.72 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080081.D
 Acq: 20 Jun 2015 5:01

Instrument :
 BNA_F
 ClientSampleId :
 SHB13

Tgt Ion:330 Resp: 136793
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 34.5 29.7 44.5

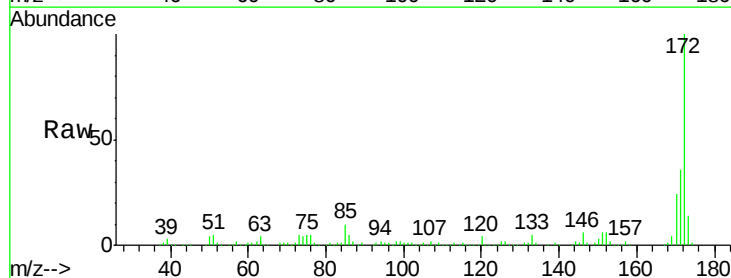


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

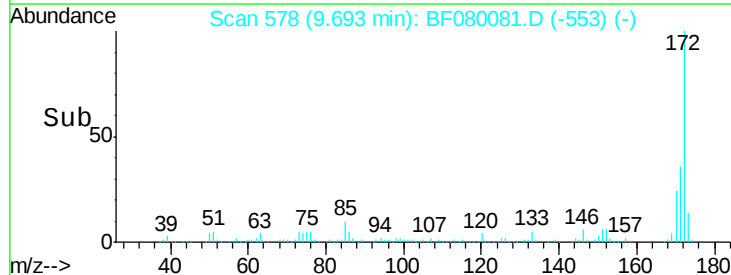
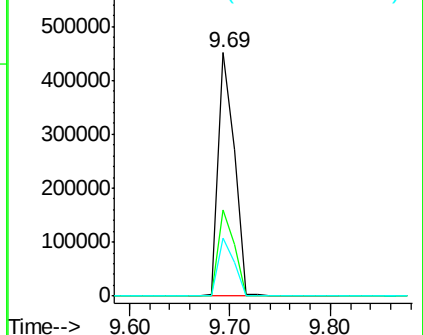


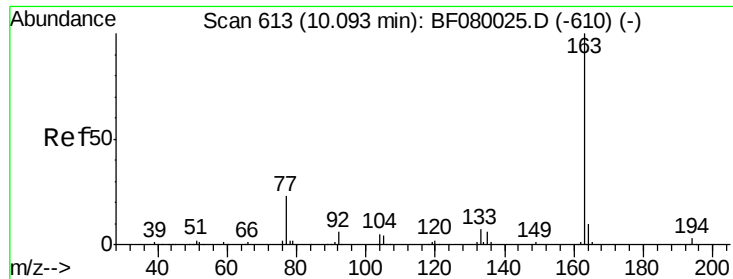
#44
 2-Fluorobiphenyl
 Concen: 80.95 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF080081.D
 Acq: 20 Jun 2015 5:01

Tgt Ion:172 Resp: 503479
 Ion Ratio Lower Upper
 172 100
 171 35.5 26.1 39.1
 170 24.0 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

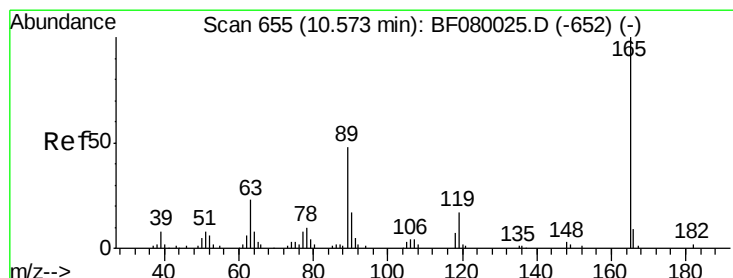
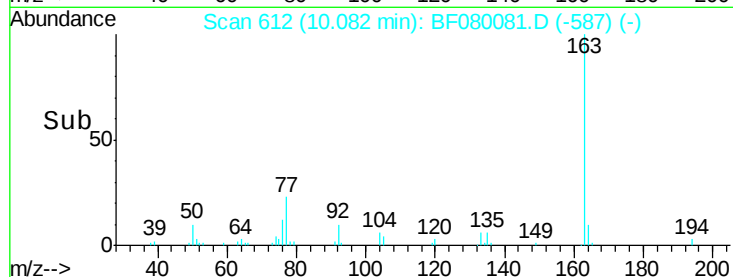
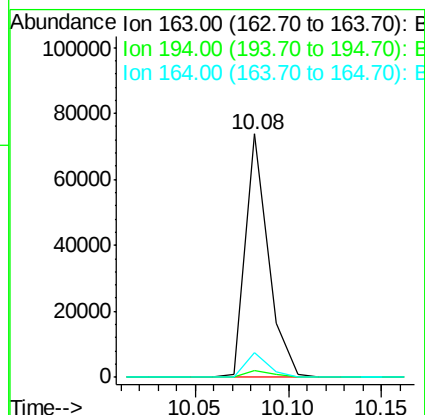
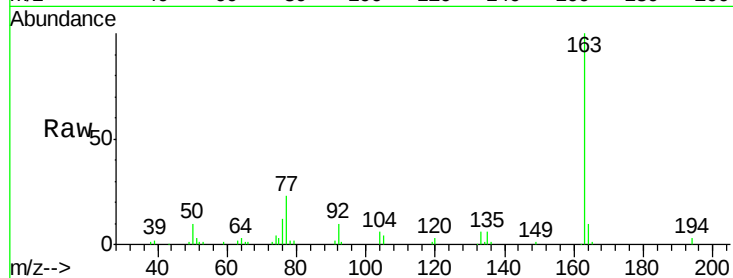




#49
Dimethylphthalate
Concen: 9.45 ng
RT: 10.08 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF080081.D
Acq: 20 Jun 2015 5:01

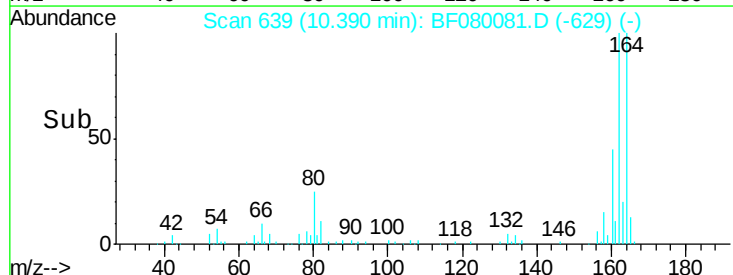
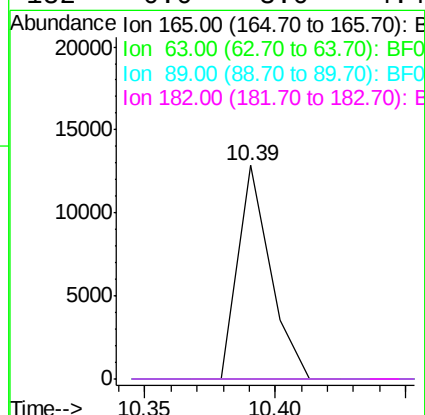
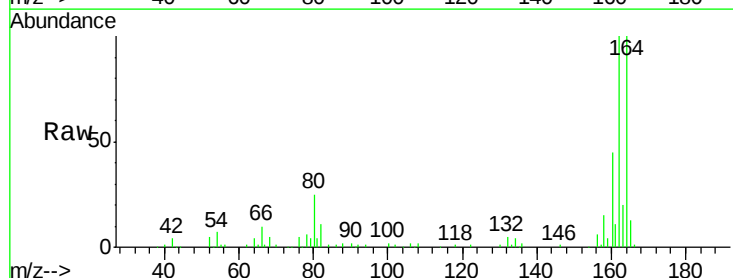
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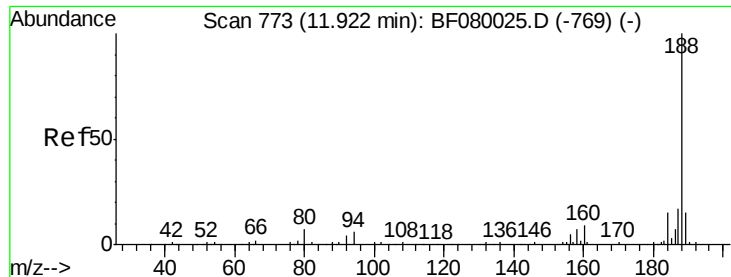
Tgt Ion:163 Resp: 62995
Ion Ratio Lower Upper
163 100
194 2.6 4.4 6.6#
164 10.0 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.62 ng
RT: 10.39 min Scan# 639
Delta R.T. -0.18 min
Lab File: BF080081.D
Acq: 20 Jun 2015 5:01

Tgt Ion:165 Resp: 11238
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#

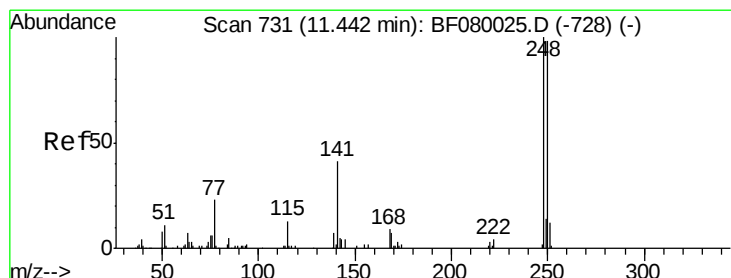
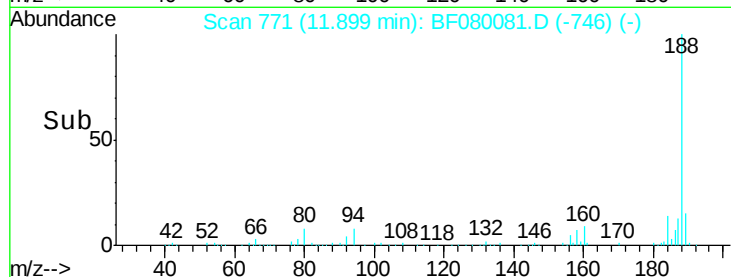
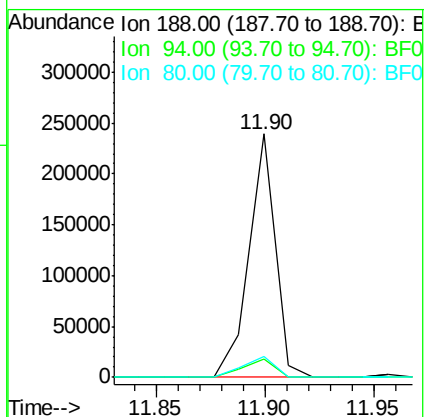
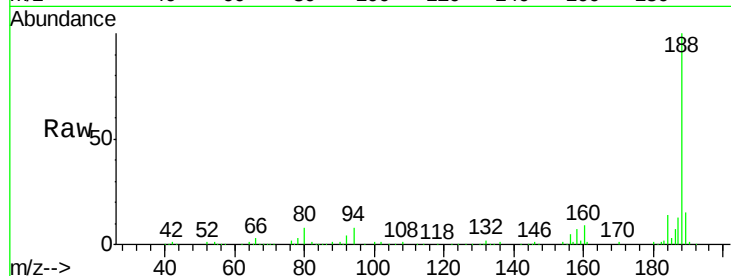




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF080081.D
Acq: 20 Jun 2015 5:01

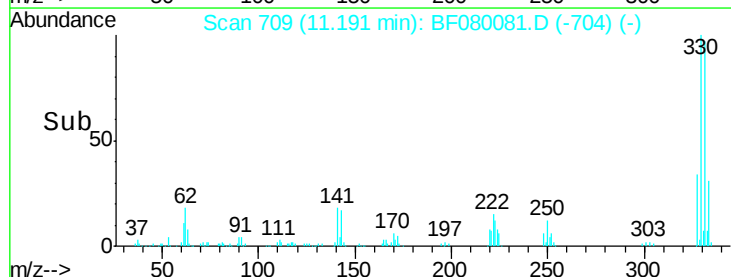
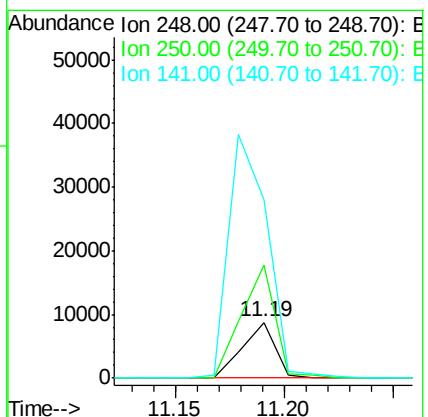
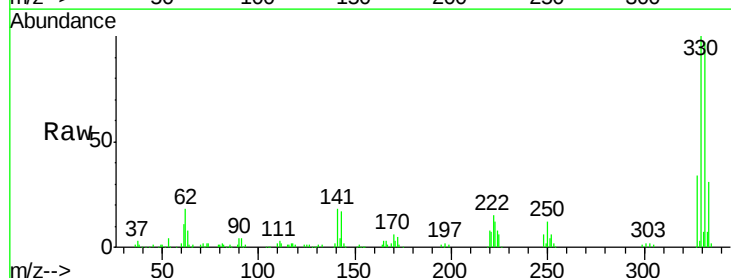
Instrument :
BNA_F
ClientSampleId :
SHB13

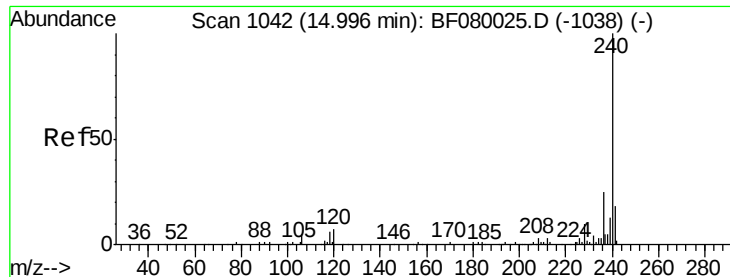
Tgt Ion:188 Resp: 201571
Ion Ratio Lower Upper
188 100
94 7.8 11.1 16.7#
80 8.4 11.0 16.4#



#66
4-Bromophenyl-phenylether
Concen: 4.24 ng
RT: 11.19 min Scan# 709
Delta R.T. -0.24 min
Lab File: BF080081.D
Acq: 20 Jun 2015 5:01

Tgt Ion:248 Resp: 9081
Ion Ratio Lower Upper
248 100
250 202.7 78.5 117.7#
141 321.1 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.84 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF080081.D

Acq: 20 Jun 2015 5:01

Instrument :

BNA_F

ClientSampleId :

SHB13

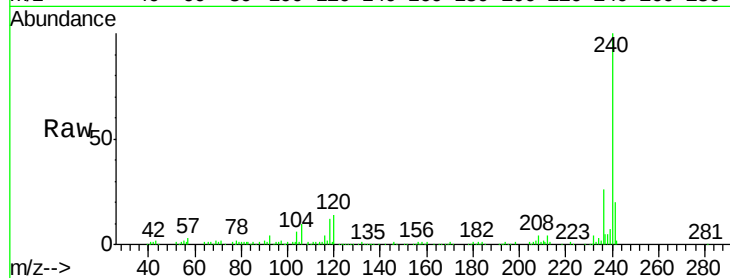
Tgt Ion:240 Resp: 222043

Ion Ratio Lower Upper

240 100

120 13.9 16.2 24.2#

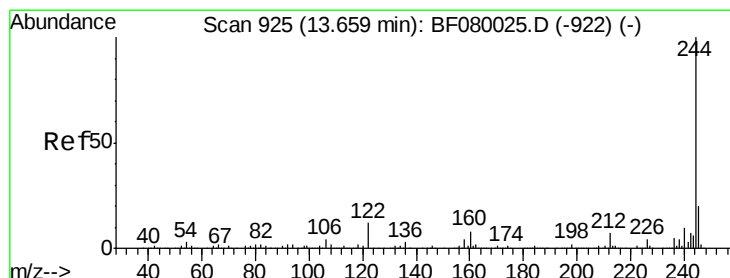
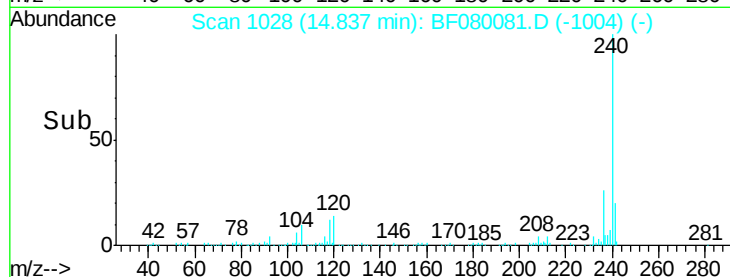
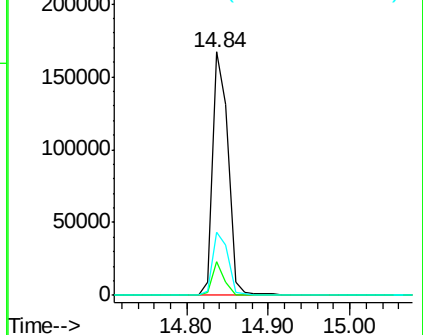
236 26.2 18.4 27.6



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: 74.83 ng

RT: 13.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF080081.D

Acq: 20 Jun 2015 5:01

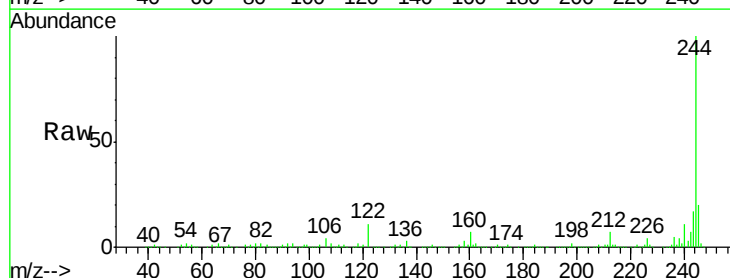
Tgt Ion:244 Resp: 711463

Ion Ratio Lower Upper

244 100

212 7.0 4.3 6.5#

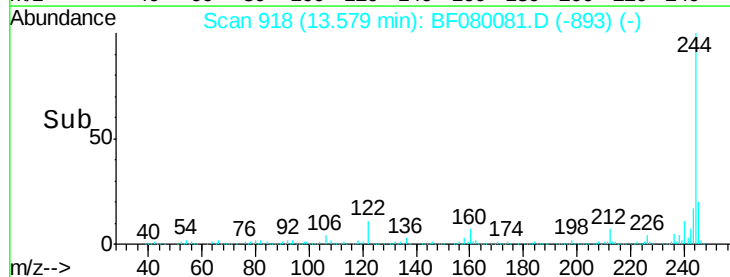
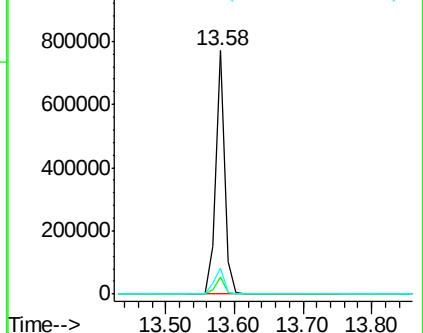
122 10.8 17.4 26.2#

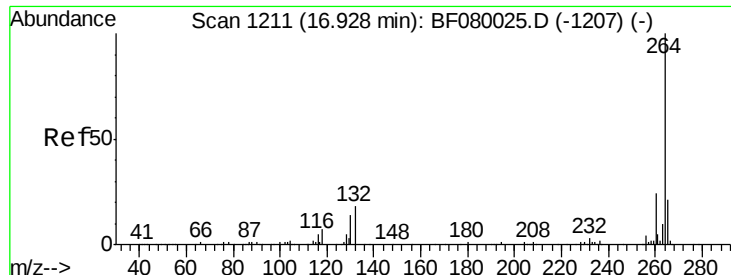


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

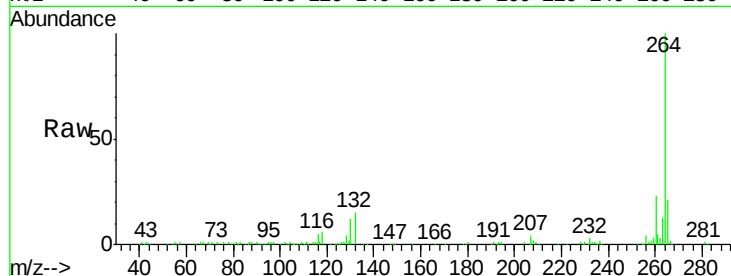




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.71 min Scan# 1192
Delta R.T. -0.03 min
Lab File: BF080081.D
Acq: 20 Jun 2015 5:01

Instrument :
BNA_F
ClientSampleId :
SHB13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	16.7	25.1
265	21.3	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

