

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
 Data File : BF080182.D
 Acq On : 26 Jun 2015 00:26
 Operator : TP/IZ
 Sample : G2775-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MM2A

Quant Time: Jun 26 03:14:37 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 26 01:01:50 2015
 Response via : Initial Calibration

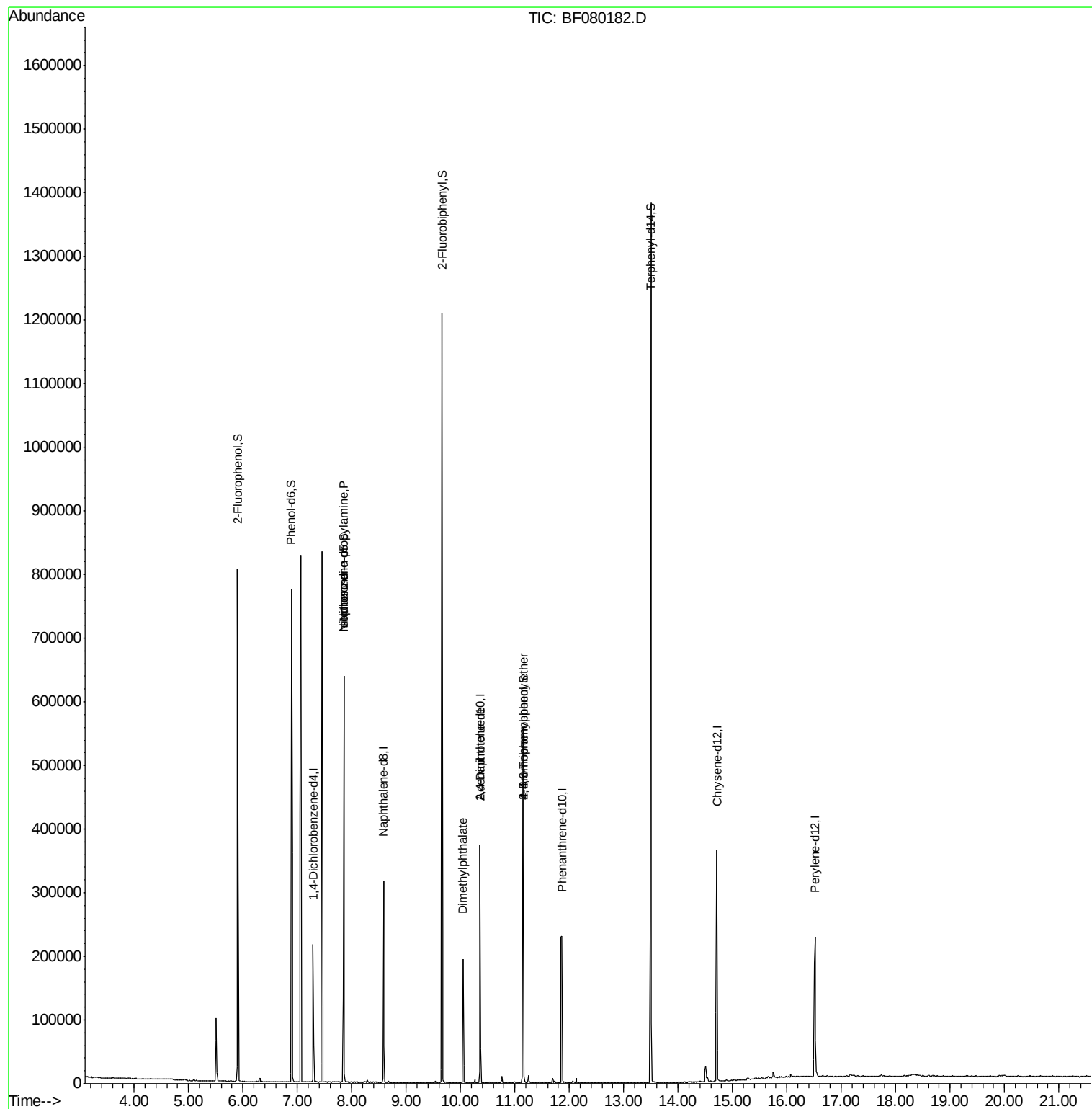
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	31574	20.00	ng	0.00
21) Naphthalene-d8	8.58	136	130490	20.00	ng	0.00
38) Acenaphthene-d10	10.36	164	68926	20.00	ng	0.00
63) Phenanthrene-d10	11.86	188	133160	20.00	ng	0.00
75) Chrysene-d12	14.71	240	145696	20.00	ng	-0.11
86) Perylene-d12	16.52	264	135267	20.00	ng	-0.19
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	229124	128.46	ng	0.00
7) Phenol-d6	6.89	99	291775	122.93	ng	-0.01
23) Nitrobenzene-d5	7.85	82	187927	83.84	ng	0.00
41) 2,4,6-Tribromophenol	11.16	330	79731	118.30	ng	0.00
44) 2-Fluorobiphenyl	9.66	172	351774	72.78	ng	-0.01
78) Terphenyl-d14	13.50	244	427690	68.56	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.85	70	23550	14.29	ng	# 58
25) Isophorone	7.85	82	156749	34.75	ng	# 58
49) Dimethylphthalate	10.05	163	72911	14.07	ng	# 98
56) 2,4-Dinitrotoluene	10.36	165	8390	6.36	ng	# 31
66) 4-Bromophenyl-phenylether	11.16	248	5386	3.80	ng	# 1

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

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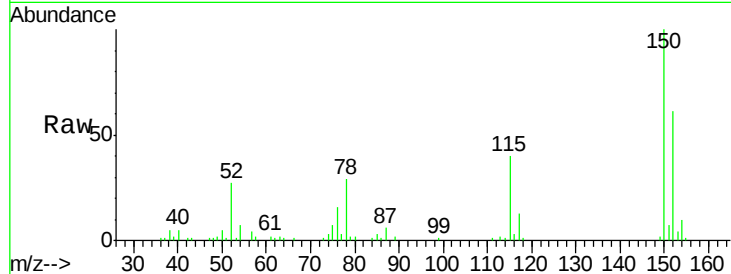


#1

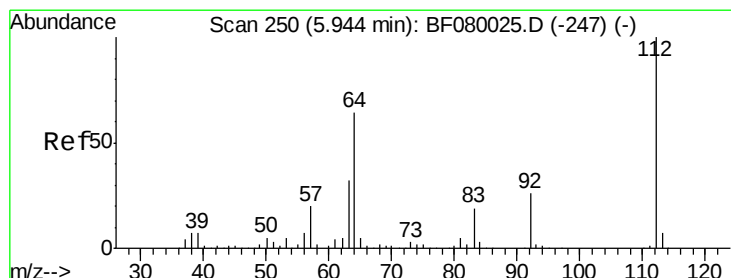
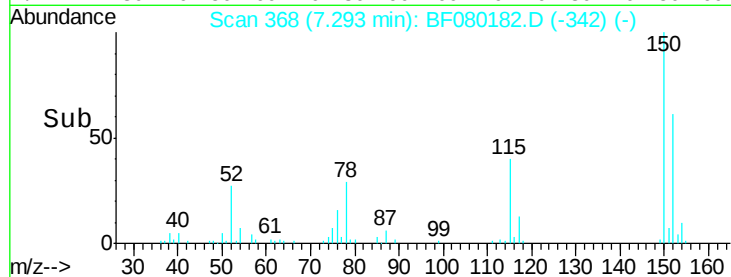
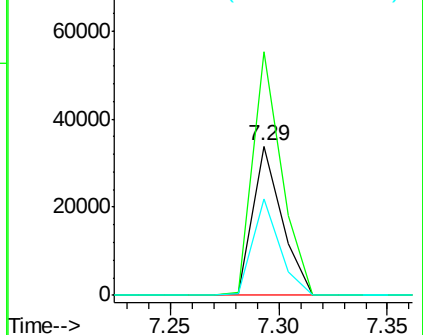
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 368
Delta R.T. -0.00 min
Lab File: BF080182.D
Acq: 26 Jun 2015 00:26

Instrument :
BNA_F
ClientSampleId :
MM2A

Tgt Ion:152 Resp: 31574
Ion Ratio Lower Upper
152 100
150 163.4 124.7 187.1
115 65.0 39.0 58.4#



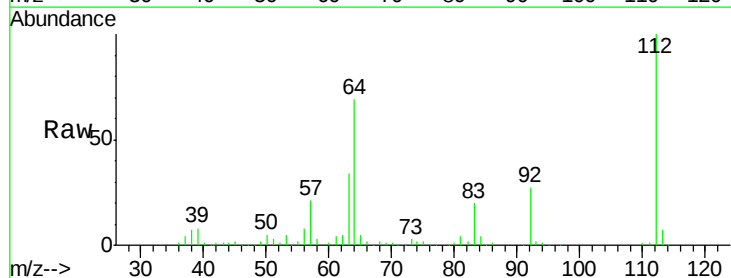
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



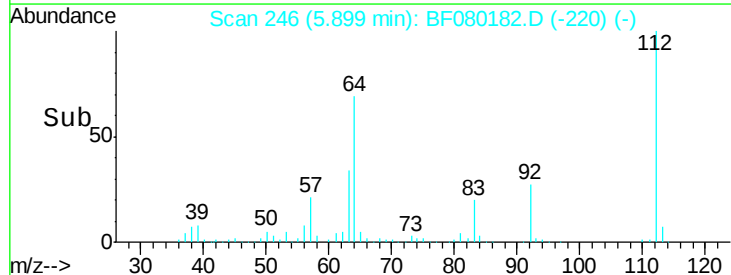
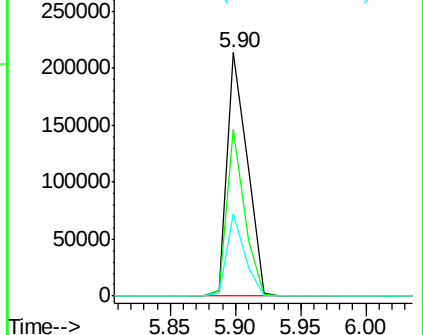
#5

2-Fluorophenol
Concen: 128.46 ng
RT: 5.90 min Scan# 246
Delta R.T. -0.00 min
Lab File: BF080182.D
Acq: 26 Jun 2015 00:26

Tgt Ion:112 Resp: 229124
Ion Ratio Lower Upper
112 100
64 68.6 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: 122.93 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF080182.D

Acq: 26 Jun 2015 00:26

Instrument :

BNA_F

ClientSampleId :

MM2A

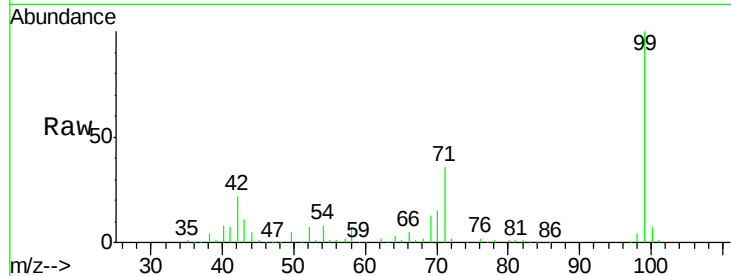
Tgt Ion: 99 Resp: 291775

Ion Ratio Lower Upper

99 100

42 21.9 13.7 20.5#

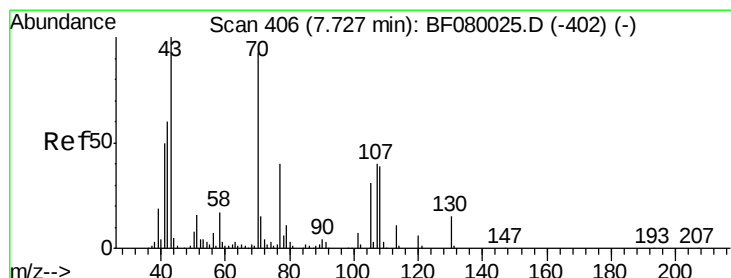
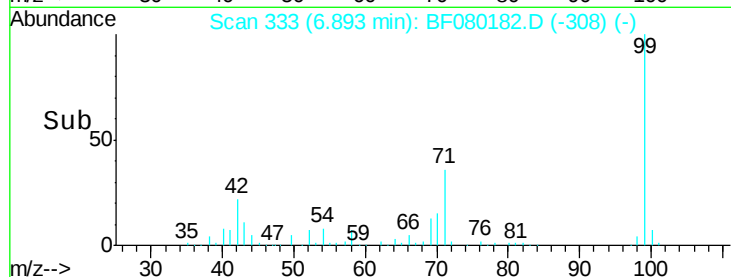
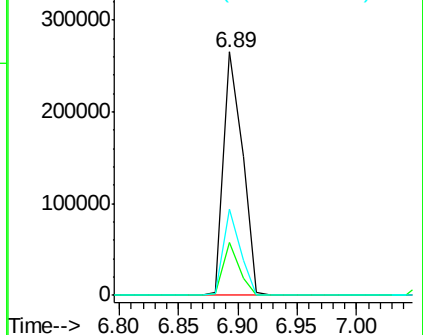
71 35.6 14.2 21.2#



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: 14.29 ng

RT: 7.85 min Scan# 417

Delta R.T. 0.16 min

Lab File: BF080182.D

Acq: 26 Jun 2015 00:26

Tgt Ion: 70 Resp: 23550

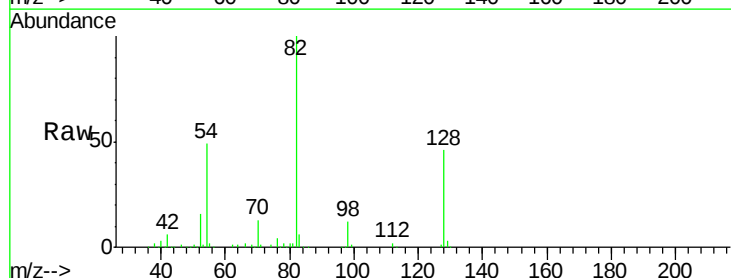
Ion Ratio Lower Upper

70 100

42 47.0 63.8 95.6#

101 0.0 9.2 13.8#

130 1.8 27.3 40.9#

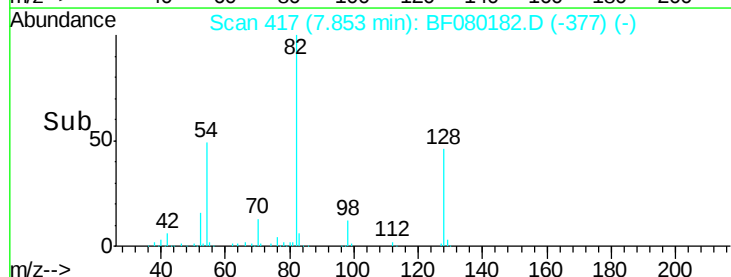
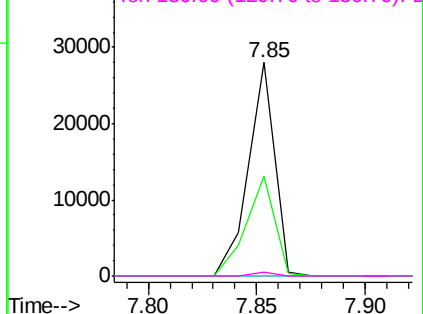


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

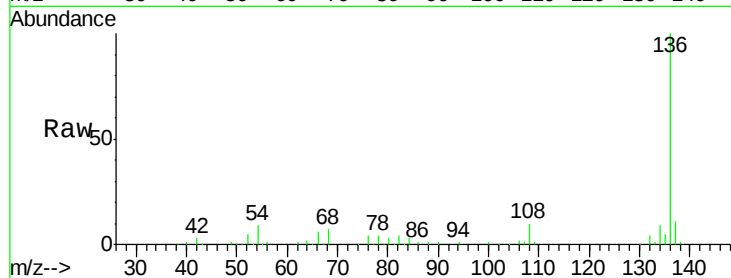




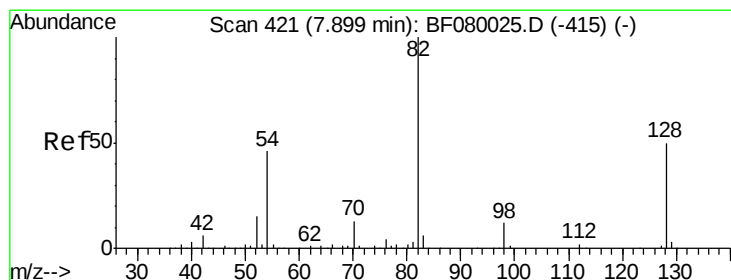
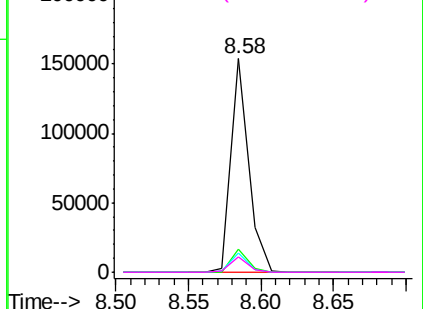
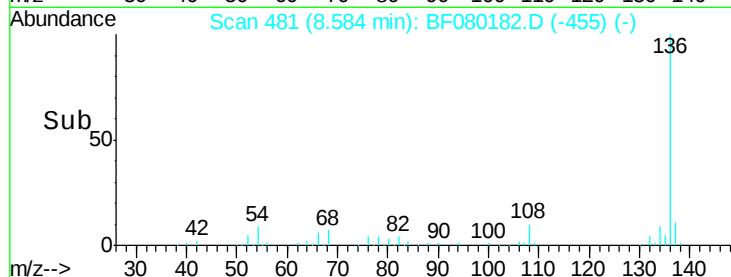
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. -0.00 min
Lab File: BF080182.D
Acq: 26 Jun 2015 00:26

Instrument :
BNA_F
ClientSampleId :
MM2A

Tgt Ion:	136	Resp:	130490
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	9.0	8.2	12.2
68	7.2	5.8	8.6

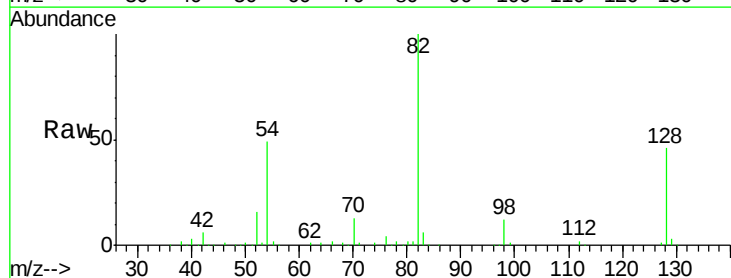


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

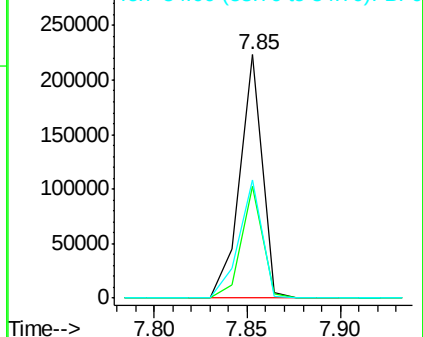
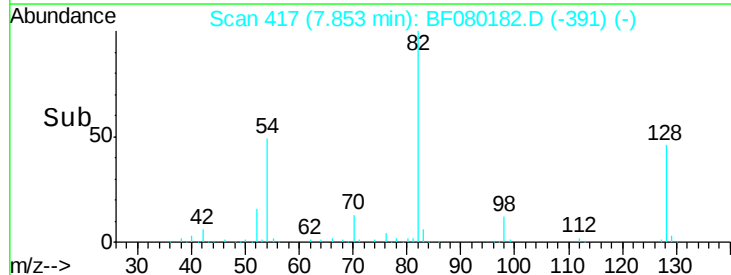


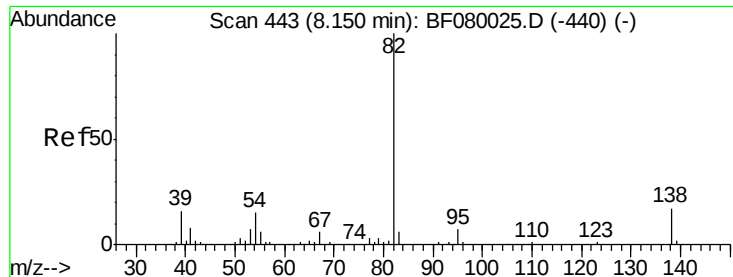
#23
Nitrobenzene-d5
Concen: 83.84 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF080182.D
Acq: 26 Jun 2015 00:26

Tgt Ion:	82	Resp:	187927
Ion	Ratio	Lower	Upper
82	100		
128	46.1	51.0	76.6#
54	48.7	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: 34.75 ng

RT: 7.85 min Scan# 417

Delta R.T. -0.26 min

Lab File: BF080182.D

Acq: 26 Jun 2015 00:26

Instrument :

BNA_F

ClientSampleId :

MM2A

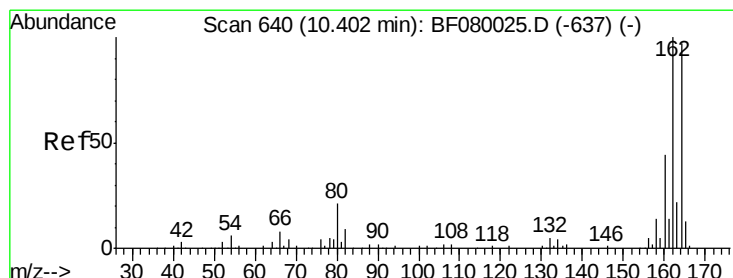
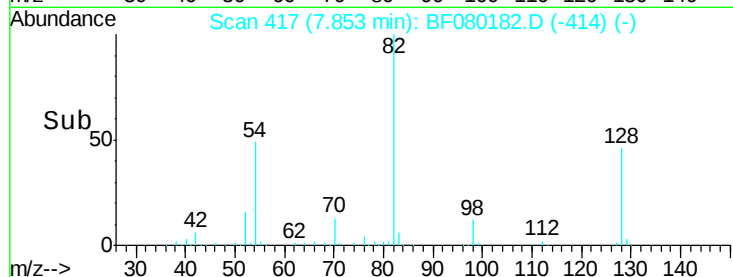
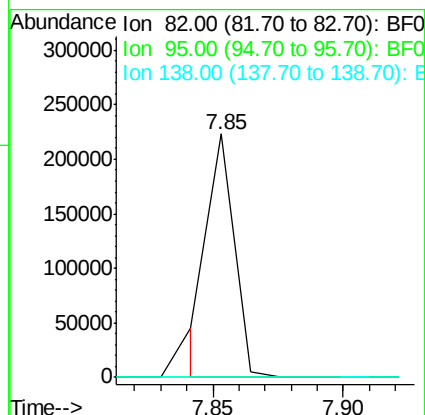
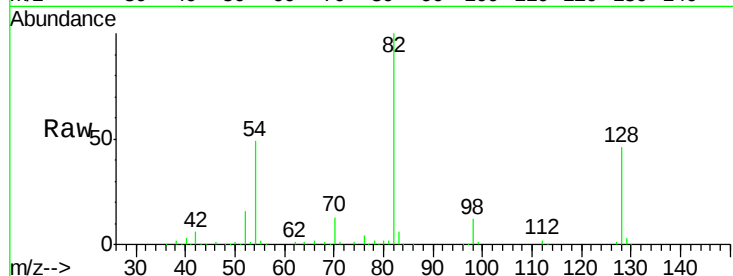
Tgt Ion: 82 Resp: 156749

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.36 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF080182.D

Acq: 26 Jun 2015 00:26

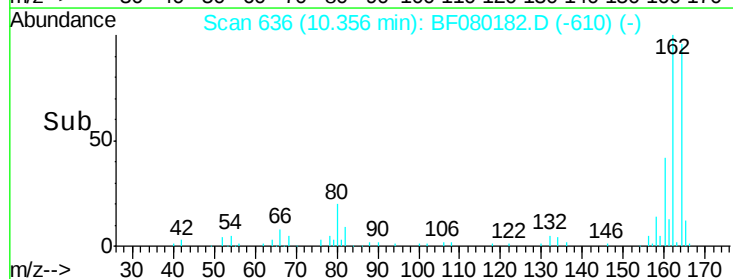
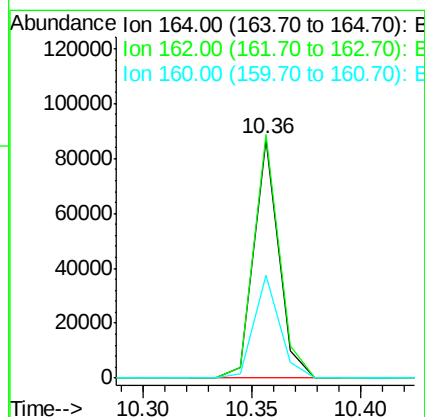
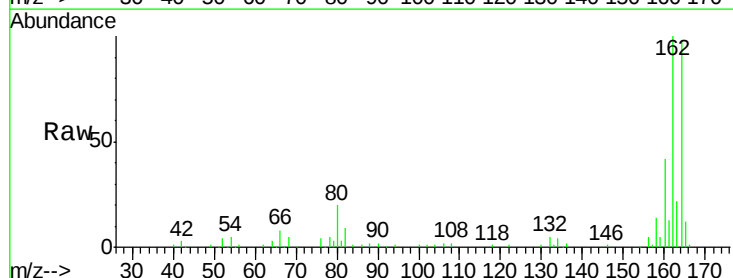
Tgt Ion: 164 Resp: 68926

Ion Ratio Lower Upper

164 100

162 102.0 75.2 112.8

160 42.9 31.5 47.3

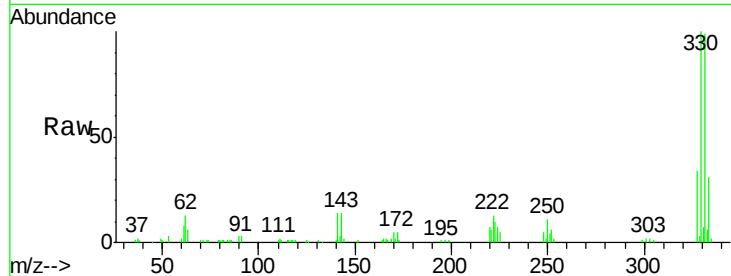




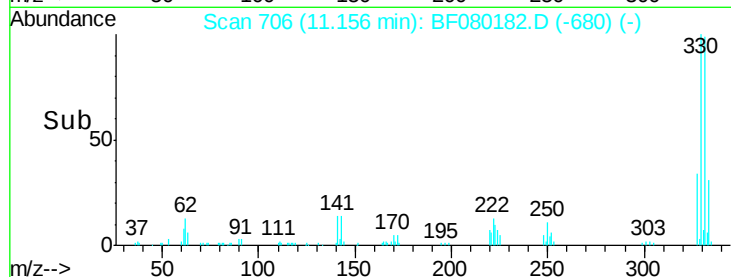
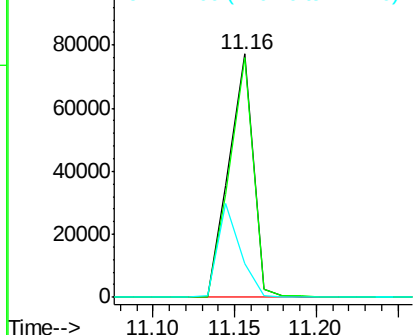
#41
 2,4,6-Tribromophenol
 Concen: 118.30 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: BF080182.D
 Acq: 26 Jun 2015 00:26

Instrument :
 BNA_F
 ClientSampleId :
 MM2A

Tgt Ion:330 Resp: 79731
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 35.9 29.7 44.5

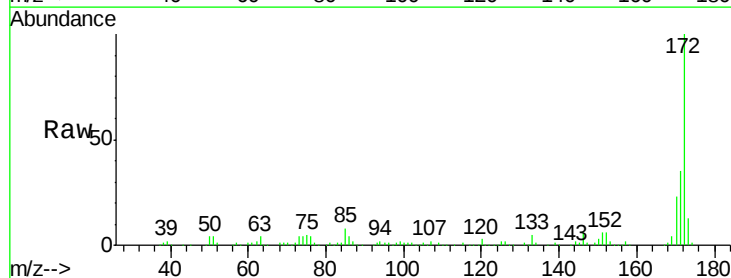


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

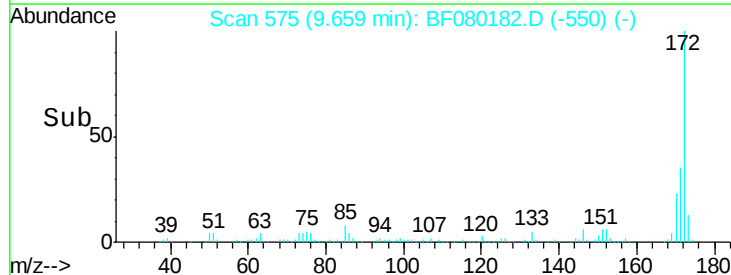
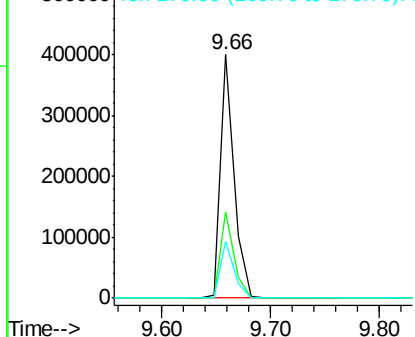


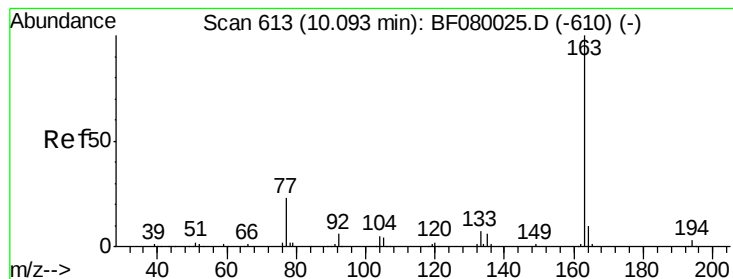
#44
 2-Fluorobiphenyl
 Concen: 72.78 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF080182.D
 Acq: 26 Jun 2015 00:26

Tgt Ion:172 Resp: 351774
 Ion Ratio Lower Upper
 172 100
 171 35.4 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: 14.07 ng

RT: 10.05 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF080182.D

Acq: 26 Jun 2015 00:26

Instrument :

BNA_F

ClientSampleId :

MM2A

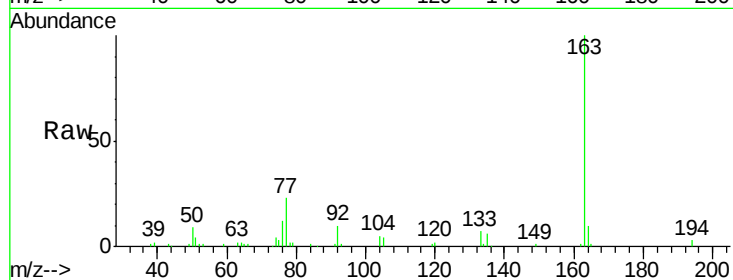
Tgt Ion:163 Resp: 72911

Ion Ratio Lower Upper

163 100

194 3.3 4.4 6.6#

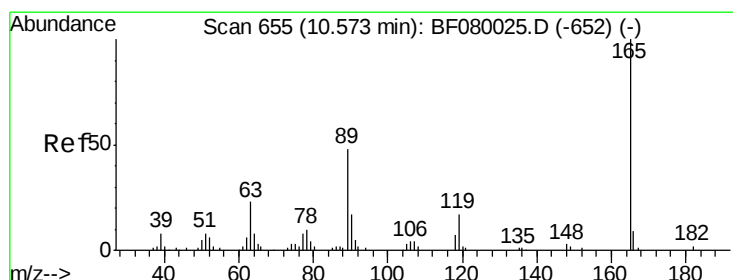
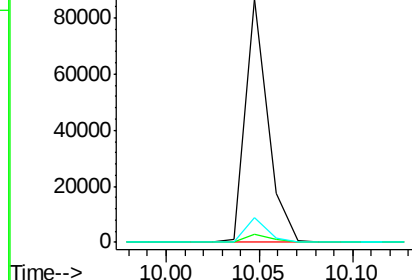
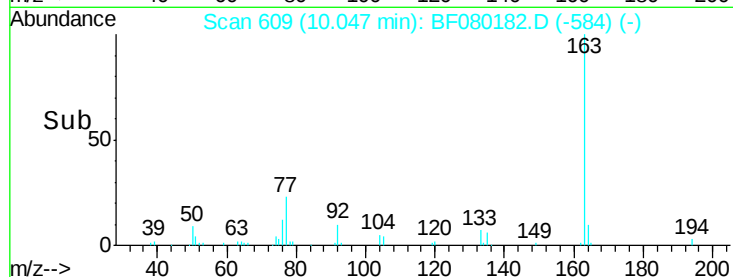
164 10.3 8.3 12.5



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: 6.36 ng

RT: 10.36 min Scan# 636

Delta R.T. -0.17 min

Lab File: BF080182.D

Acq: 26 Jun 2015 00:26

Tgt Ion:165 Resp: 8390

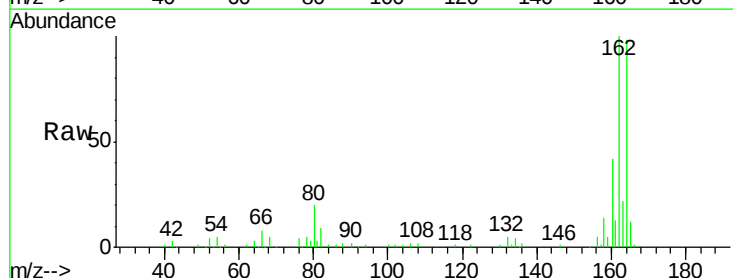
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

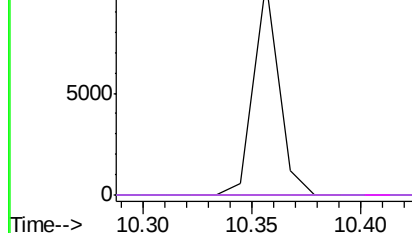
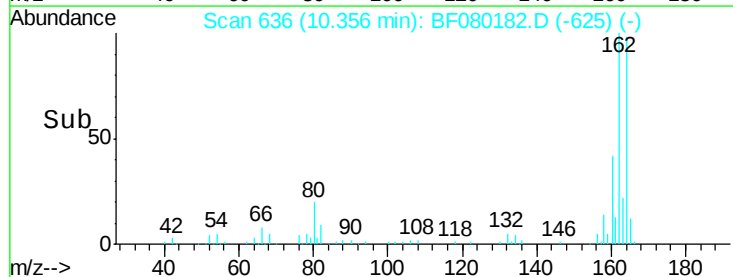


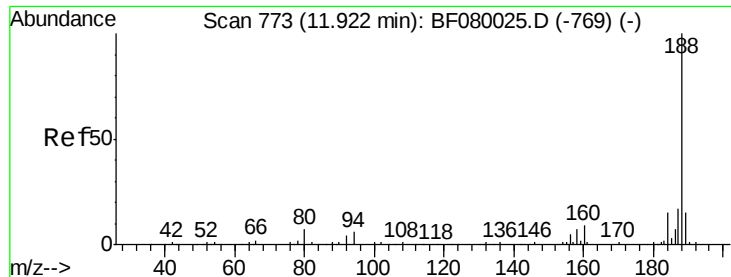
Abundance Ion 165.00 (164.70 to 165.70): E

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

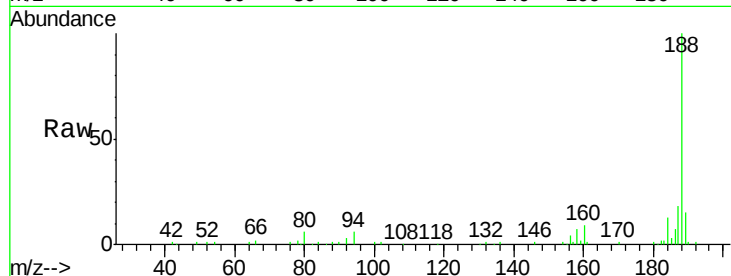




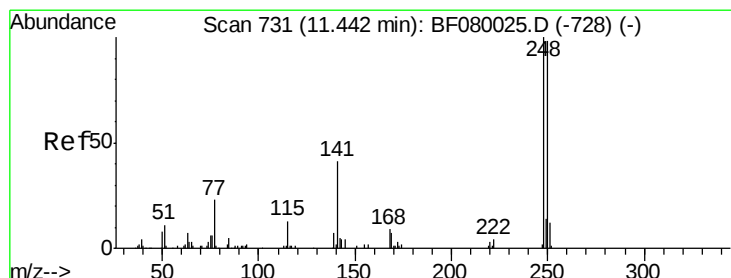
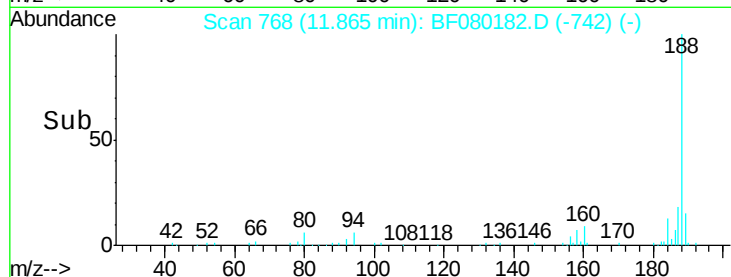
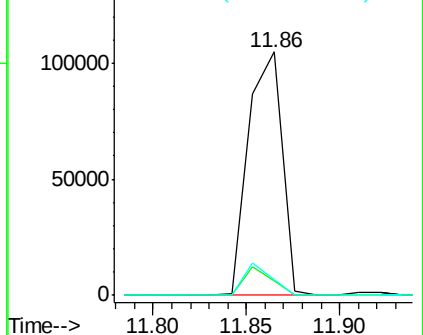
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.86 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BF080182.D
 Acq: 26 Jun 2015 00:26

Instrument :
 BNA_F
 ClientSampleId :
 MM2A

Tgt Ion:188 Resp: 133160
 Ion Ratio Lower Upper
 188 100
 94 5.8 11.1 16.7#
 80 6.5 11.0 16.4#

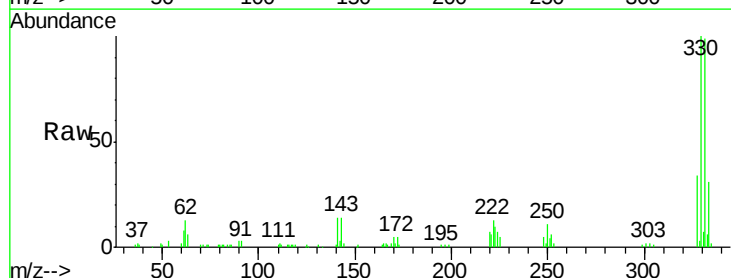


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

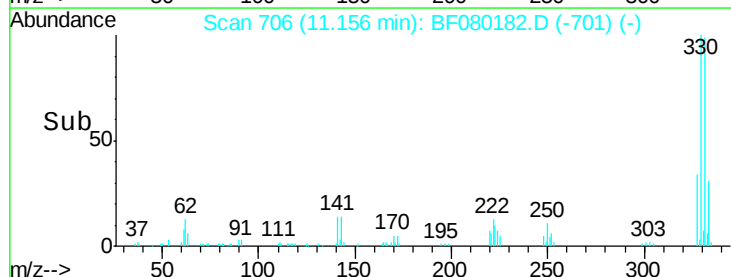
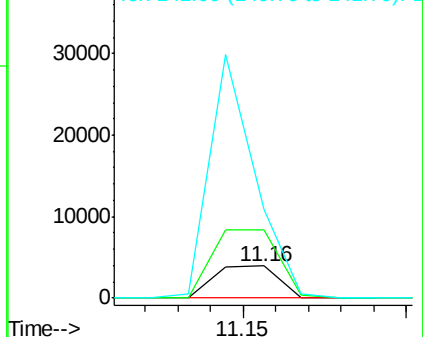


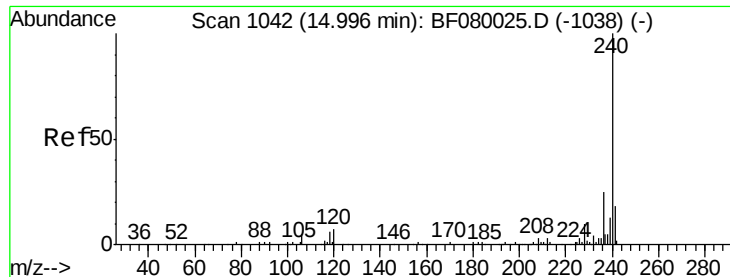
#66
 4-Bromophenyl-phenylether
 Concen: 3.80 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.24 min
 Lab File: BF080182.D
 Acq: 26 Jun 2015 00:26

Tgt Ion:248 Resp: 5386
 Ion Ratio Lower Upper
 248 100
 250 211.3 78.5 117.7#
 141 273.8 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: 14.71 min Scan# 1017

Delta R.T. -0.11 min

Lab File: BF080182.D

Acq: 26 Jun 2015 00:26

Instrument :

BNA_F

ClientSampleId :

MM2A

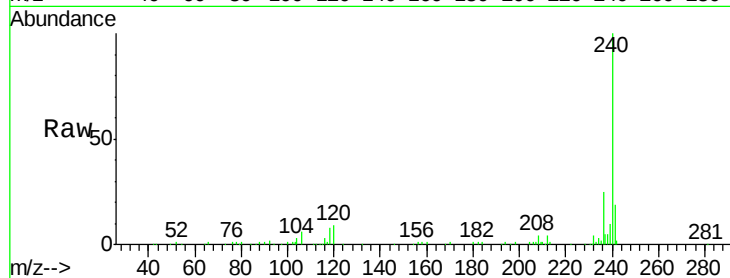
Tgt Ion:240 Resp: 145696

Ion Ratio Lower Upper

240 100

120 9.1 16.2 24.2#

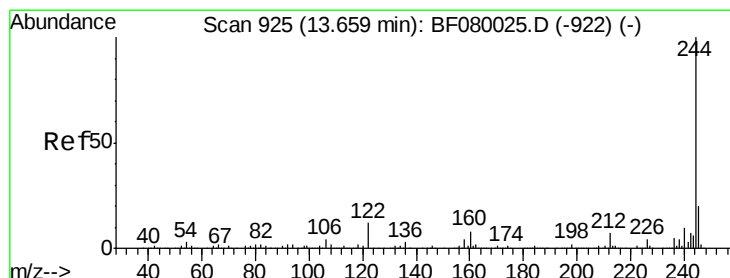
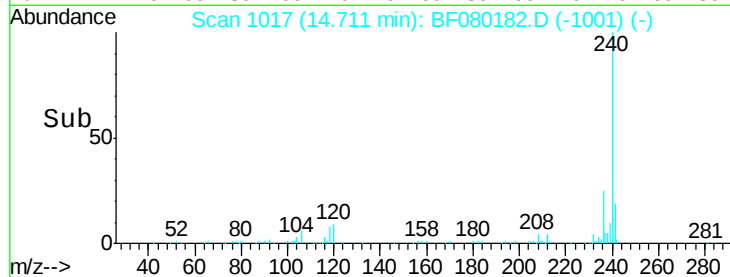
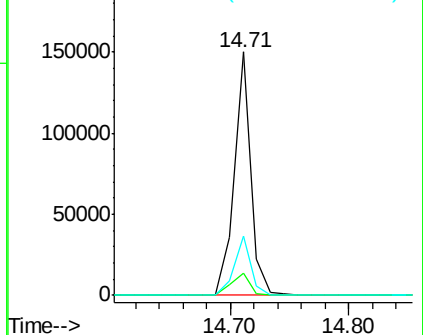
236 24.5 18.4 27.6



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: 68.56 ng

RT: 13.50 min Scan# 911

Delta R.T. -0.05 min

Lab File: BF080182.D

Acq: 26 Jun 2015 00:26

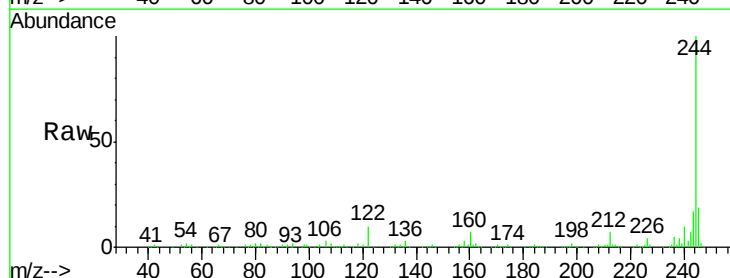
Tgt Ion:244 Resp: 427690

Ion Ratio Lower Upper

244 100

212 6.9 4.3 6.5#

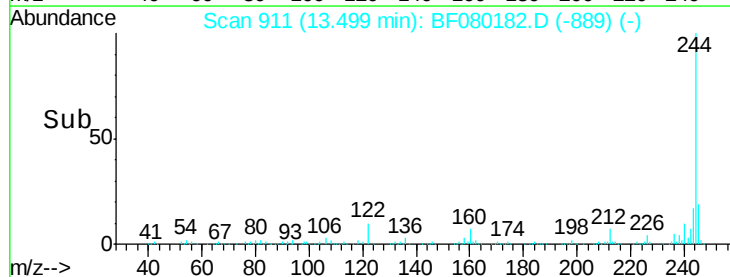
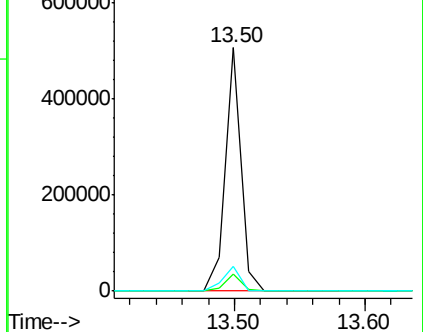
122 10.4 17.4 26.2#

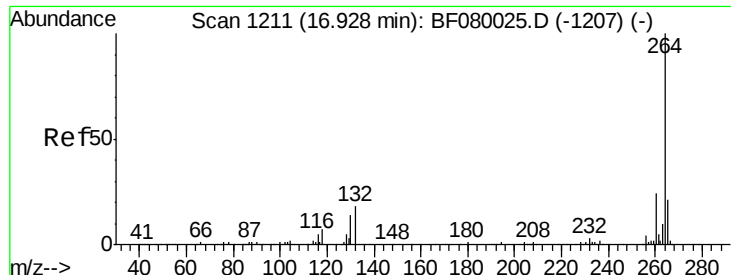


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

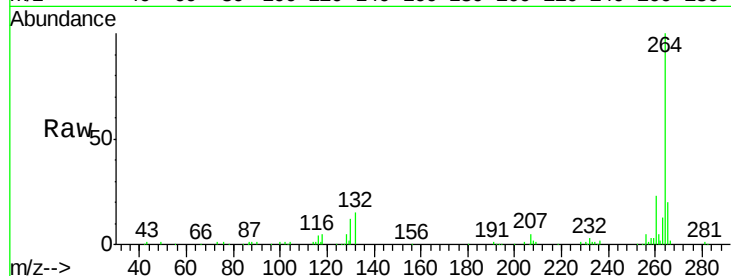




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.52 min Scan# 1175
Delta R.T. -0.19 min
Lab File: BF080182.D
Acq: 26 Jun 2015 00:26

Instrument :
BNA_F
ClientSampleId :
MM2A

Tgt Ion: 264 Resp: 135267
Ion Ratio Lower Upper
264 100
260 23.2 16.7 25.1
265 20.5 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

