

Data Path : Z:\HPCHEM1\BNA_F\Data\BF060315\
 Data File : BF079661.D
 Acq On : 3 Jun 2015 14:05
 Operator : TP/IZ
 Sample : PB83719BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83719BL

Quant Time: Jun 04 00:46:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 03 15:20:47 2015
 Response via : Initial Calibration

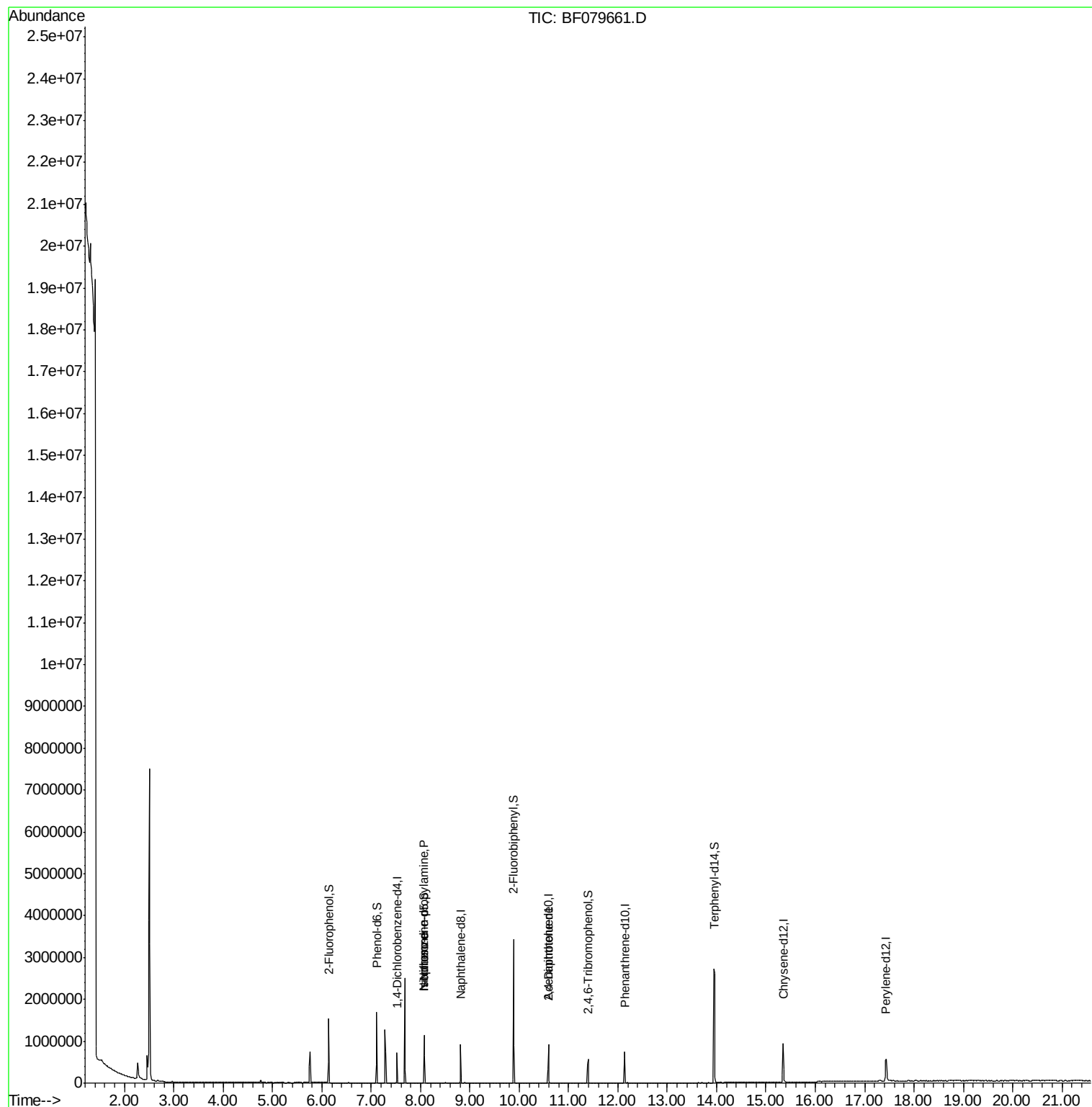
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	95832	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	366569	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	188874	20.00	ng	0.00
63) Phenanthrene-d10	12.14	188	380035	20.00	ng	0.00
75) Chrysene-d12	15.35	240	405332	20.00	ng	-0.03
86) Perylene-d12	17.44	264	372368	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	405799	76.91	ng	0.00
7) Phenol-d6	7.11	99	544348	78.26	ng	0.00
23) Nitrobenzene-d5	8.07	82	425214	69.19	ng	-0.01
41) 2,4,6-Tribromophenol	11.39	330	89752	57.58	ng	0.00
44) 2-Fluorobiphenyl	9.88	172	1027570	82.15	ng	0.00
78) Terphenyl-d14	13.95	244	1353441	84.69	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.07	70	55267	11.63	ng	# 85
25) Isophorone	8.07	82	421008	33.70	ng	# 65
56) 2,4-Dinitrotoluene	10.59	165	22880	12.15	ng	# 32

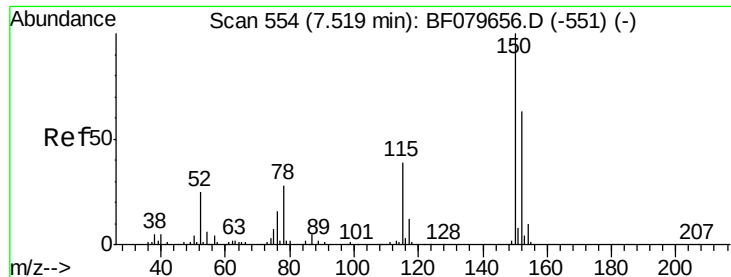
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\Data\BF060315\
Data File : BF079661.D
Acq On : 3 Jun 2015 14:05
Operator : TP/IZ
Sample : PB83719BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB83719BL

Quant Time: Jun 04 00:46:32 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 03 15:20:47 2015
Response via : Initial Calibration



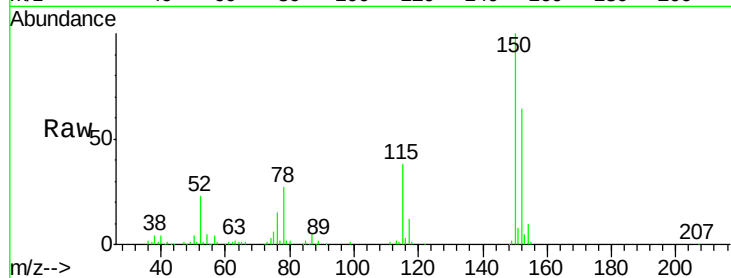


#1

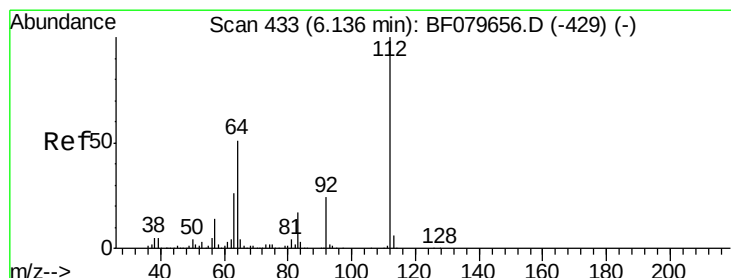
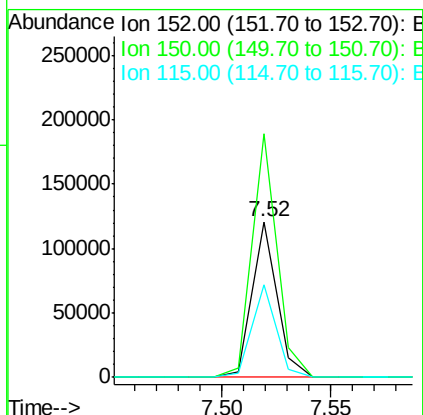
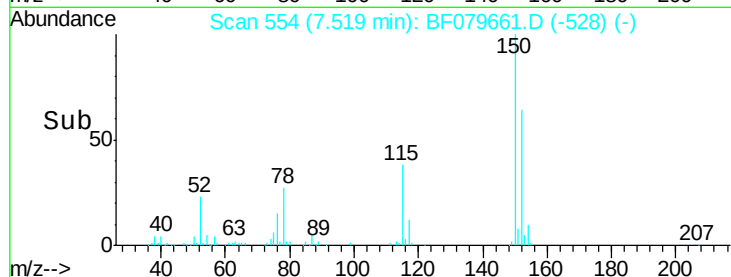
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF079661.D
Acq: 3 Jun 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB83719BL

Tgt Ion:152 Resp: 95832
Ion Ratio Lower Upper
152 100
150 156.6 126.7 190.1
115 59.3 49.2 73.8



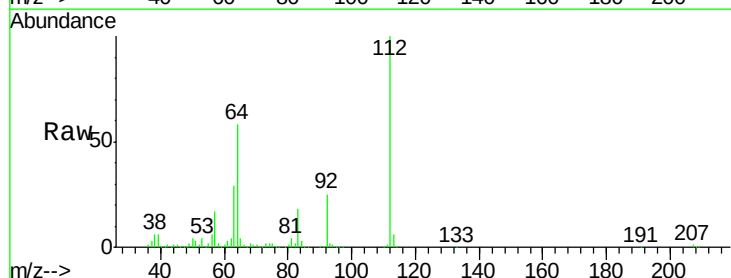
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



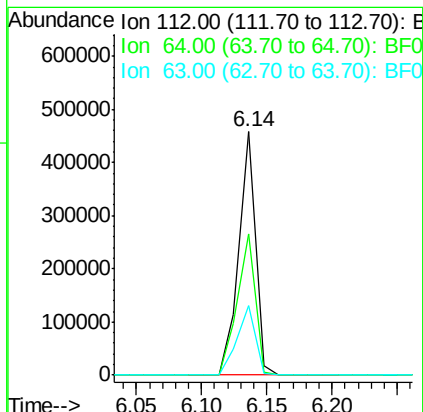
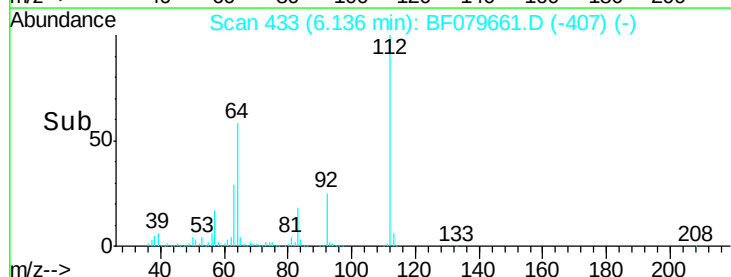
#5

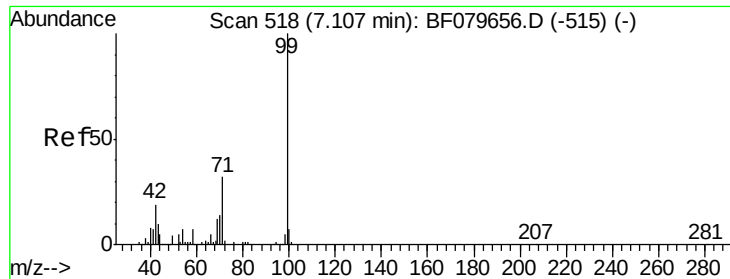
2-Fluorophenol
Concen: 76.91 ng
RT: 6.14 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF079661.D
Acq: 3 Jun 2015 14:05

Tgt Ion:112 Resp: 405799
Ion Ratio Lower Upper
112 100
64 57.8 41.1 61.7
63 28.7 20.5 30.7



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: 78.26 ng

RT: 7.11 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF079661.D

Acq: 3 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB83719BL

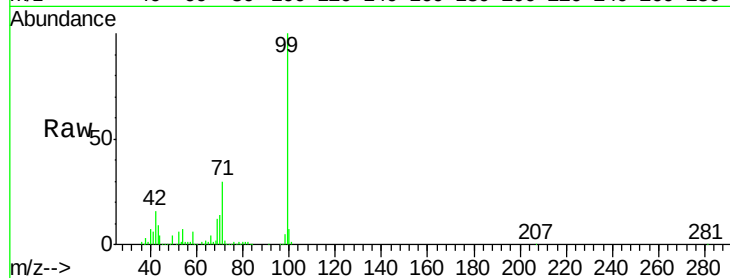
Tgt Ion: 99 Resp: 544348

Ion Ratio Lower Upper

99 100

42 16.5 15.2 22.8

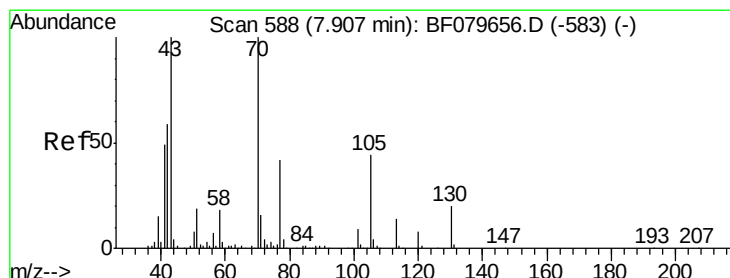
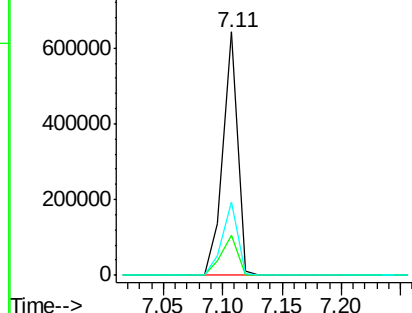
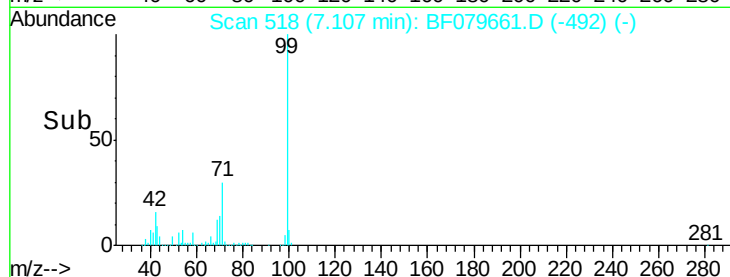
71 30.2 25.9 38.9



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: 11.63 ng

RT: 8.07 min Scan# 602

Delta R.T. 0.16 min

Lab File: BF079661.D

Acq: 3 Jun 2015 14:05

Tgt Ion: 70 Resp: 55267

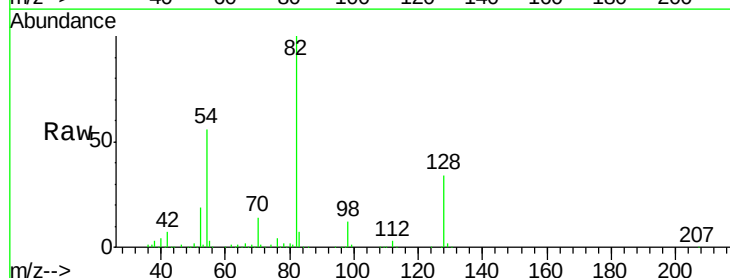
Ion Ratio Lower Upper

70 100

42 54.9 47.7 71.5

101 0.0 7.4 11.0#

130 2.0 15.8 23.8#

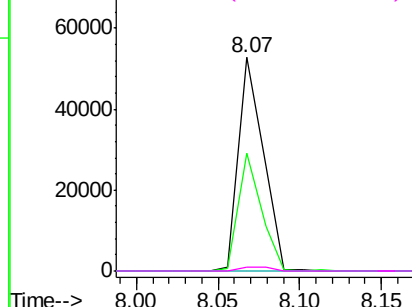
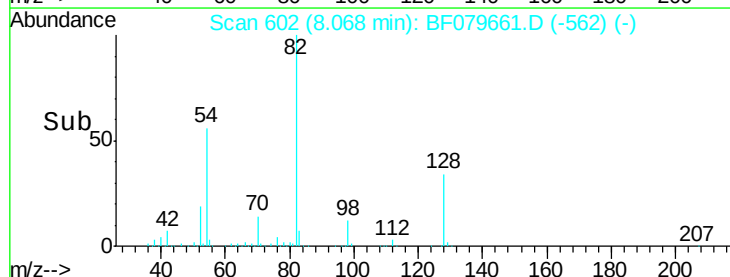


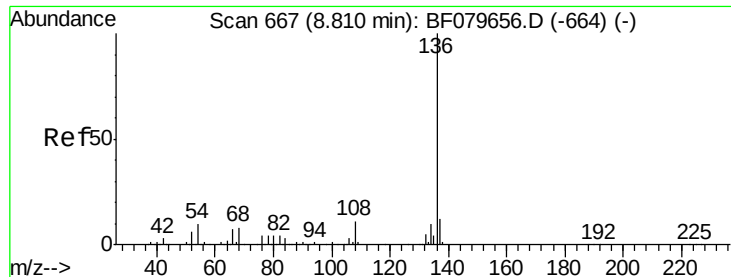
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

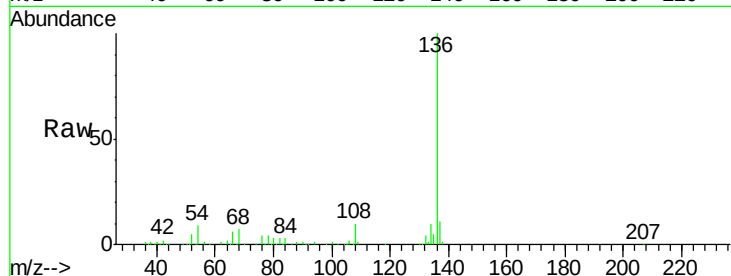




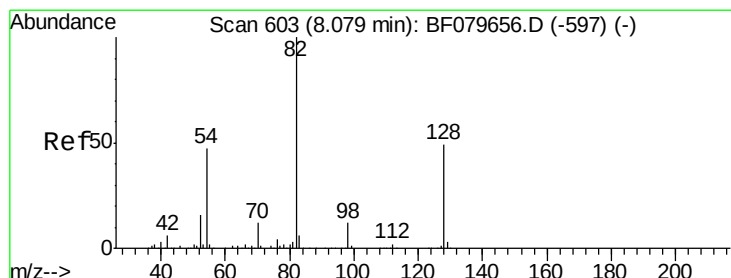
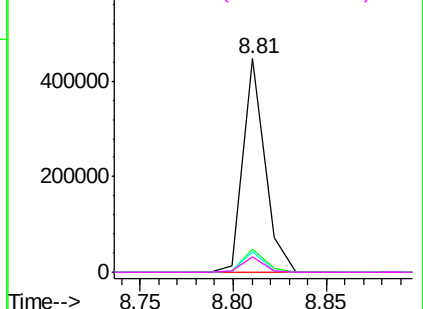
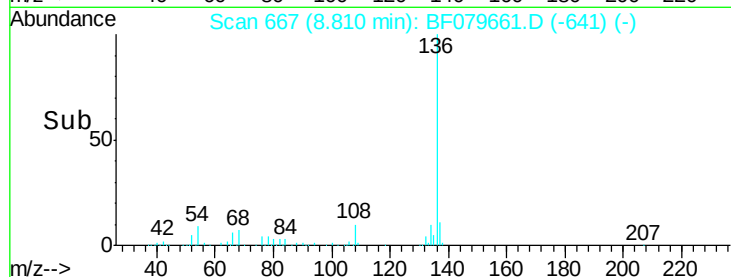
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.81 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF079661.D
Acq: 3 Jun 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB83719BL

Tgt Ion:	136	Resp:	366569
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.3	13.9
54	9.4	8.3	12.5
68	7.2	6.1	9.1

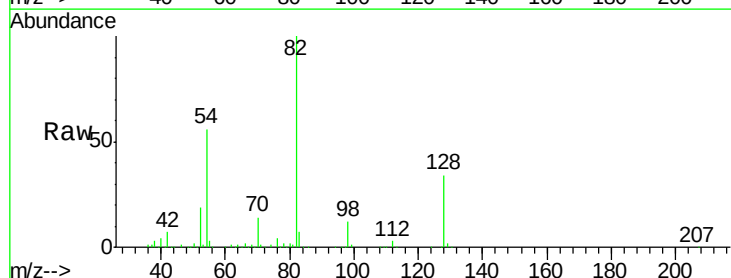


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

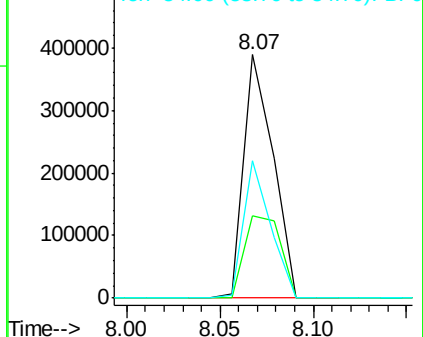
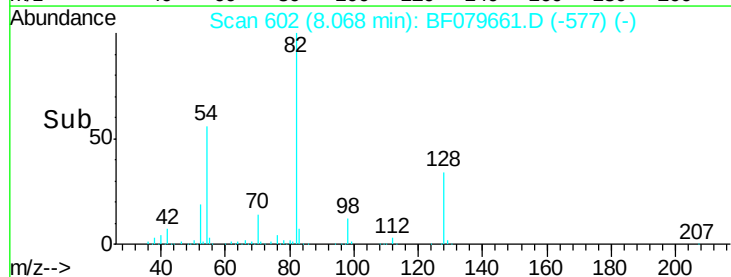


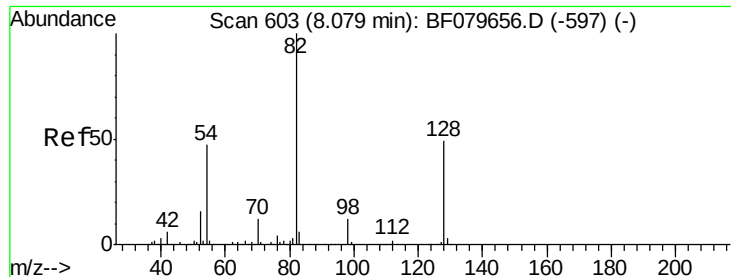
#23
Nitrobenzene-d5
Concen: 69.19 ng
RT: 8.07 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF079661.D
Acq: 3 Jun 2015 14:05

Tgt Ion:	82	Resp:	425214
Ion	Ratio	Lower	Upper
82	100		
128	33.7	39.4	59.0#
54	56.4	37.4	56.0#



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: 33.70 ng

RT: 8.07 min Scan# 602

Delta R.T. -0.26 min

Lab File: BF079661.D

Acq: 3 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB83719BL

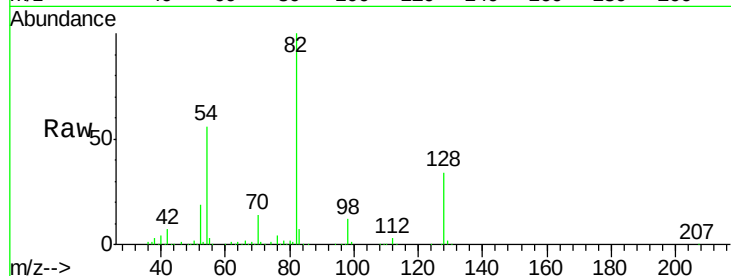
Tgt Ion: 82 Resp: 421008

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

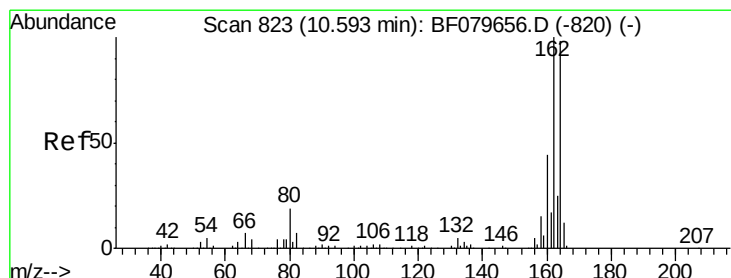
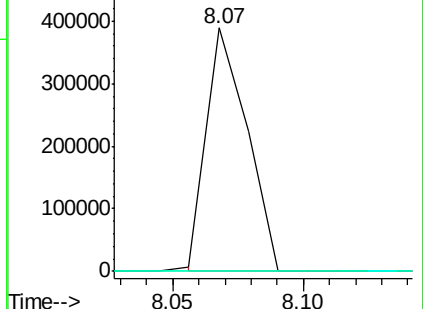
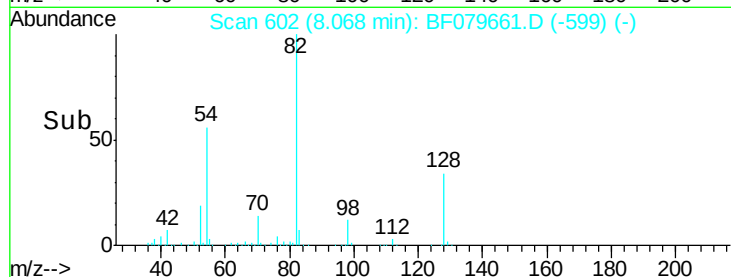
138 0.0 14.4 21.6#



Abundance Ion 82.00 (81.70 to 82.70): BF079661.D (-599) (-)

Ion 95.00 (94.70 to 95.70): BF079661.D (-599) (-)

Ion 138.00 (137.70 to 138.70): BF079661.D (-599) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.59 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF079661.D

Acq: 3 Jun 2015 14:05

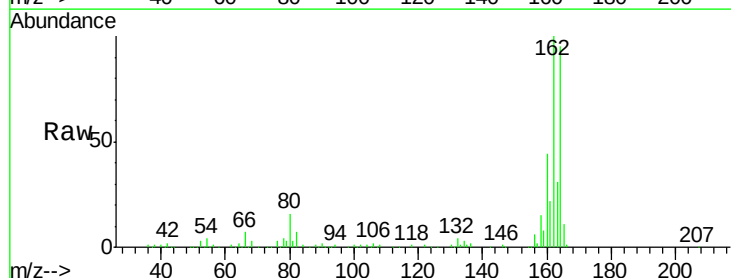
Tgt Ion: 164 Resp: 188874

Ion Ratio Lower Upper

164 100

162 105.6 82.0 123.0

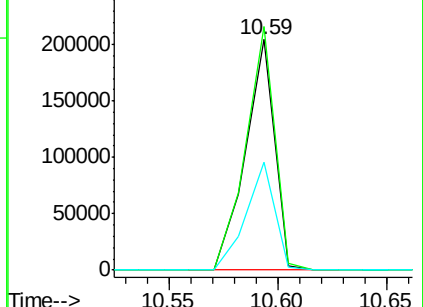
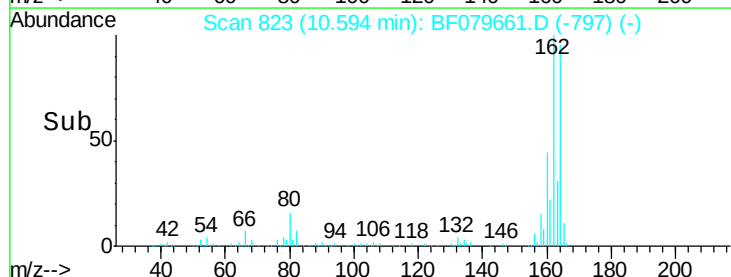
160 46.7 35.9 53.9

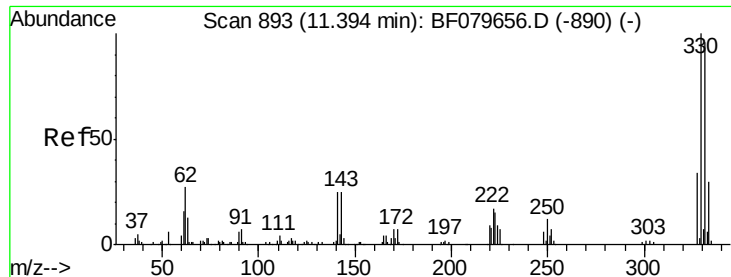


Abundance Ion 164.00 (163.70 to 164.70): BF079661.D (-797) (-)

Ion 162.00 (161.70 to 162.70): BF079661.D (-797) (-)

Ion 160.00 (159.70 to 160.70): BF079661.D (-797) (-)

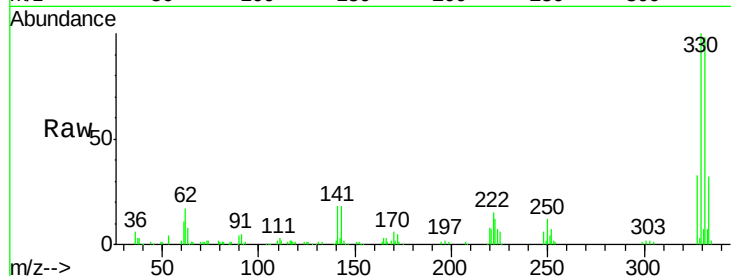




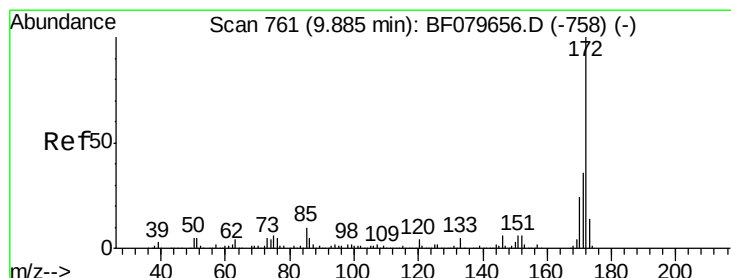
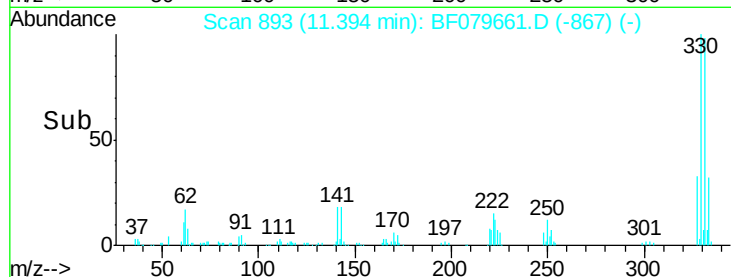
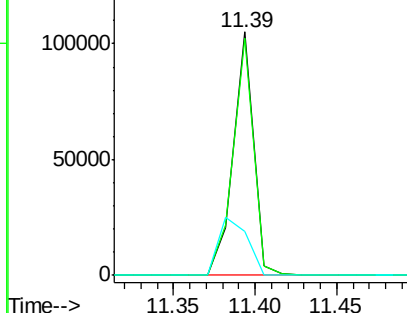
#41
 2,4,6-Tribromophenol
 Concen: 57.58 ng
 RT: 11.39 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF079661.D
 Acq: 3 Jun 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB83719BL

Tgt Ion:330 Resp: 89752
 Ion Ratio Lower Upper
 330 100
 332 98.9 77.3 115.9
 141 34.2 27.4 41.2

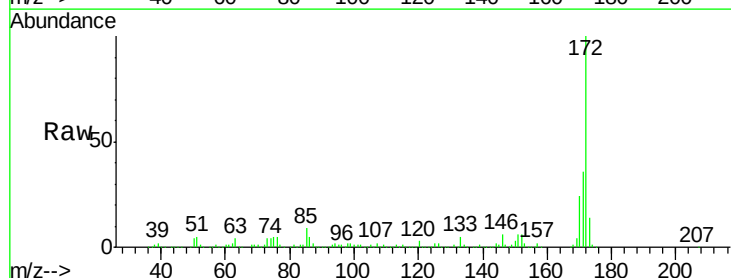


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

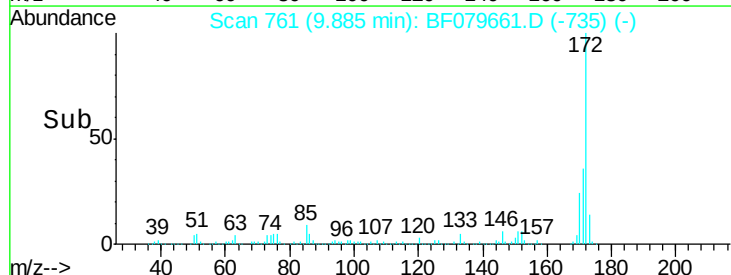
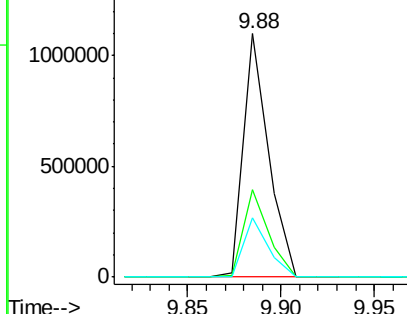


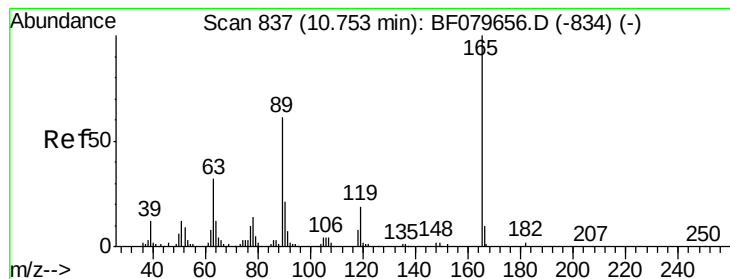
#44
 2-Fluorobiphenyl
 Concen: 82.15 ng
 RT: 9.88 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF079661.D
 Acq: 3 Jun 2015 14:05

Tgt Ion:172 Resp: 1027570
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.8 43.2
 170 24.3 19.2 28.8



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





#56

2,4-Dinitrotoluene

Concen: 12.15 ng

RT: 10.59 min Scan# 823

Delta R.T. -0.16 min

Lab File: BF079661.D

Acq: 3 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB83719BL

Tgt Ion:165 Resp: 22880

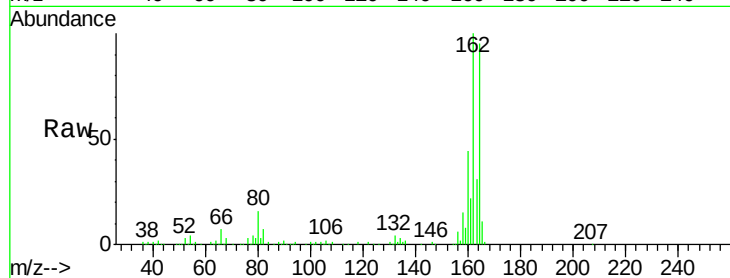
Ion Ratio Lower Upper

165 100

63 1.6 25.5 38.3#

89 1.5 48.5 72.7#

182 0.0 1.9 2.9#

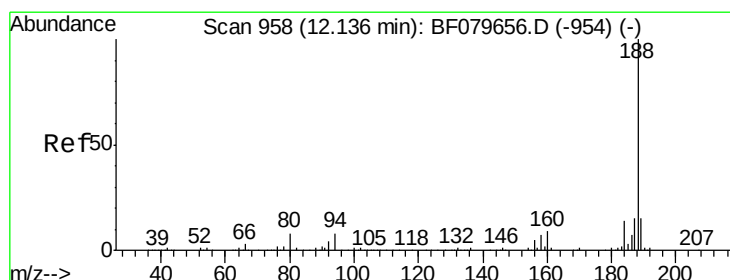
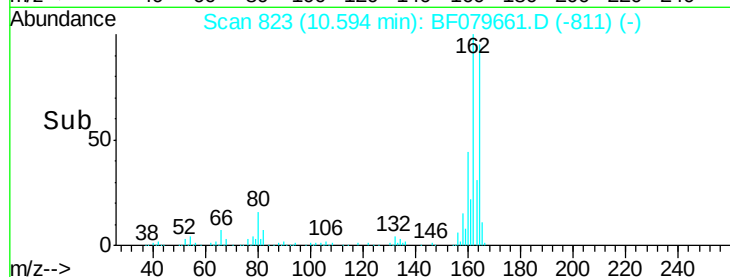
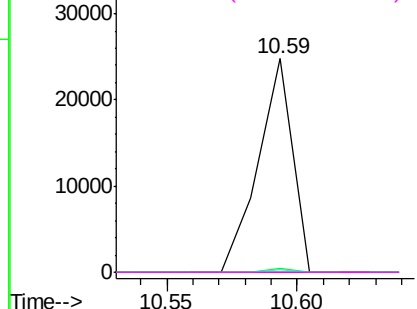


Abundance Ion 165.00 (164.70 to 165.70): E

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: 12.14 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF079661.D

Acq: 3 Jun 2015 14:05

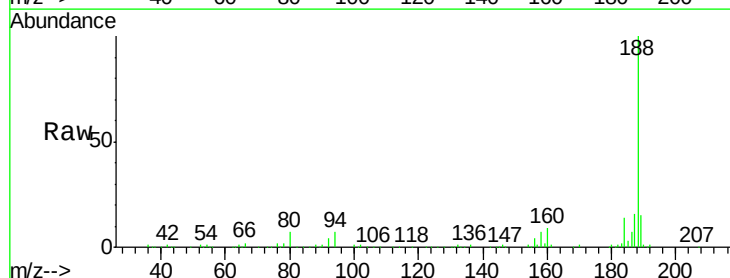
Tgt Ion:188 Resp: 380035

Ion Ratio Lower Upper

188 100

94 7.0 6.1 9.1

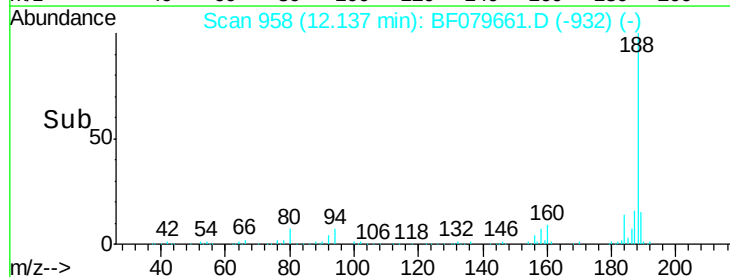
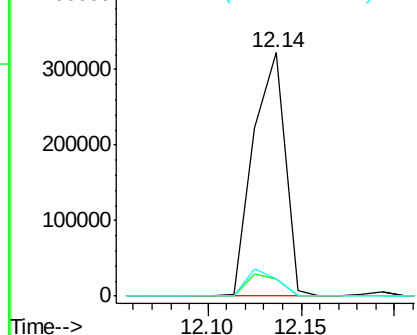
80 7.2 6.2 9.2

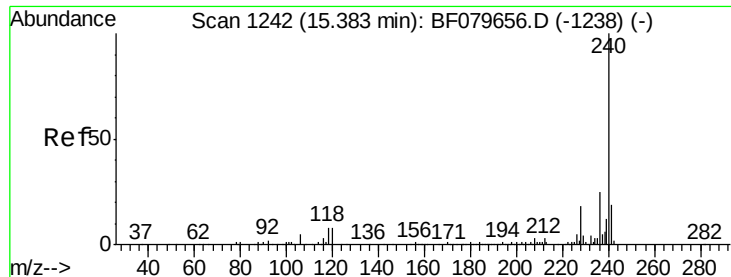


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.35 min Scan# 1239

Delta R.T. -0.03 min

Lab File: BF079661.D

Acq: 3 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB83719BL

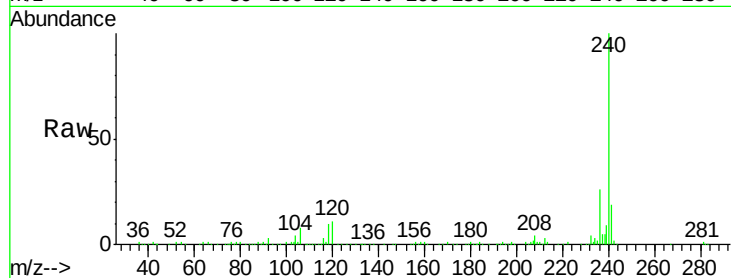
Tgt Ion:240 Resp: 405332

Ion Ratio Lower Upper

240 100

120 10.8 6.4 9.6#

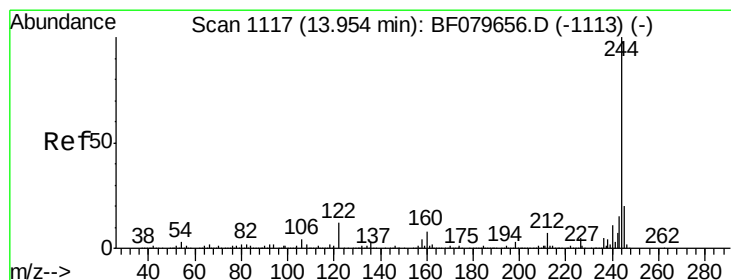
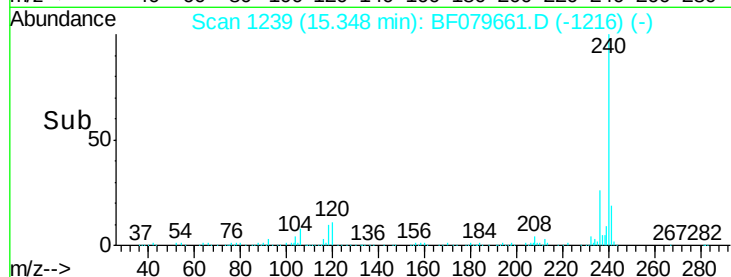
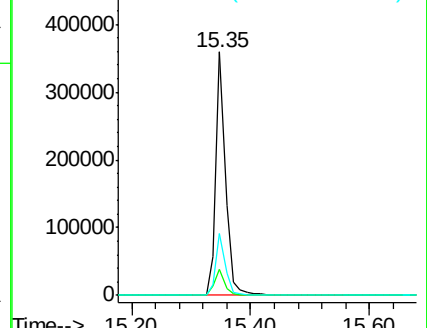
236 25.6 20.2 30.4



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: 84.69 ng

RT: 13.95 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BF079661.D

Acq: 3 Jun 2015 14:05

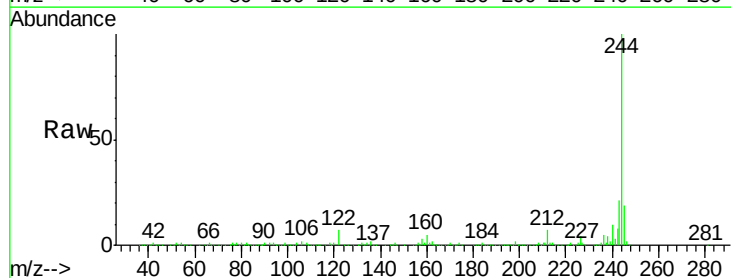
Tgt Ion:244 Resp: 1353441

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

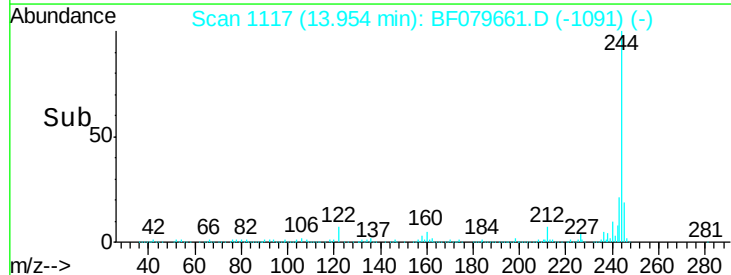
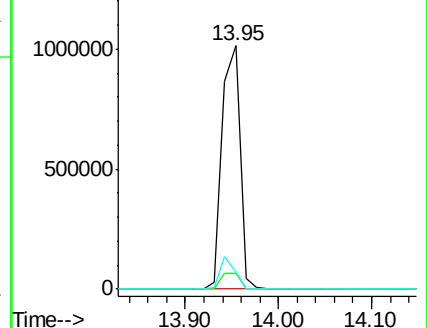
122 6.9 9.8 14.6#

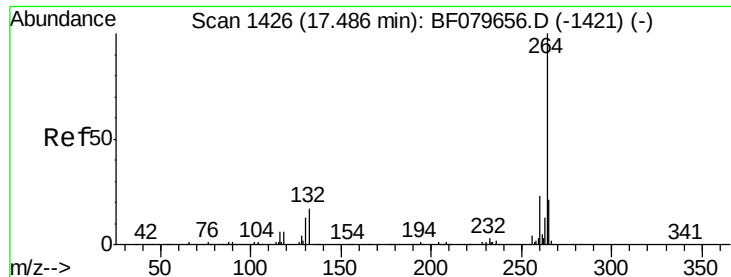


Abundance Ion 244.00 (243.70 to 244.70): E

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: 17.44 min Scan# 1422
Delta R.T. -0.05 min
Lab File: BF079661.D
Acq: 3 Jun 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB83719BL

Tgt Ion: 264 Resp: 372368
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 21.2 17.4 26.0

