

Data Path : Z:\HPCHEM1\BNA_F\Data\BF060315\
 Data File : BF079673.D
 Acq On : 3 Jun 2015 20:38
 Operator : TP/IZ
 Sample : PB83713BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83713BL

Quant Time: Jun 04 03:40:41 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

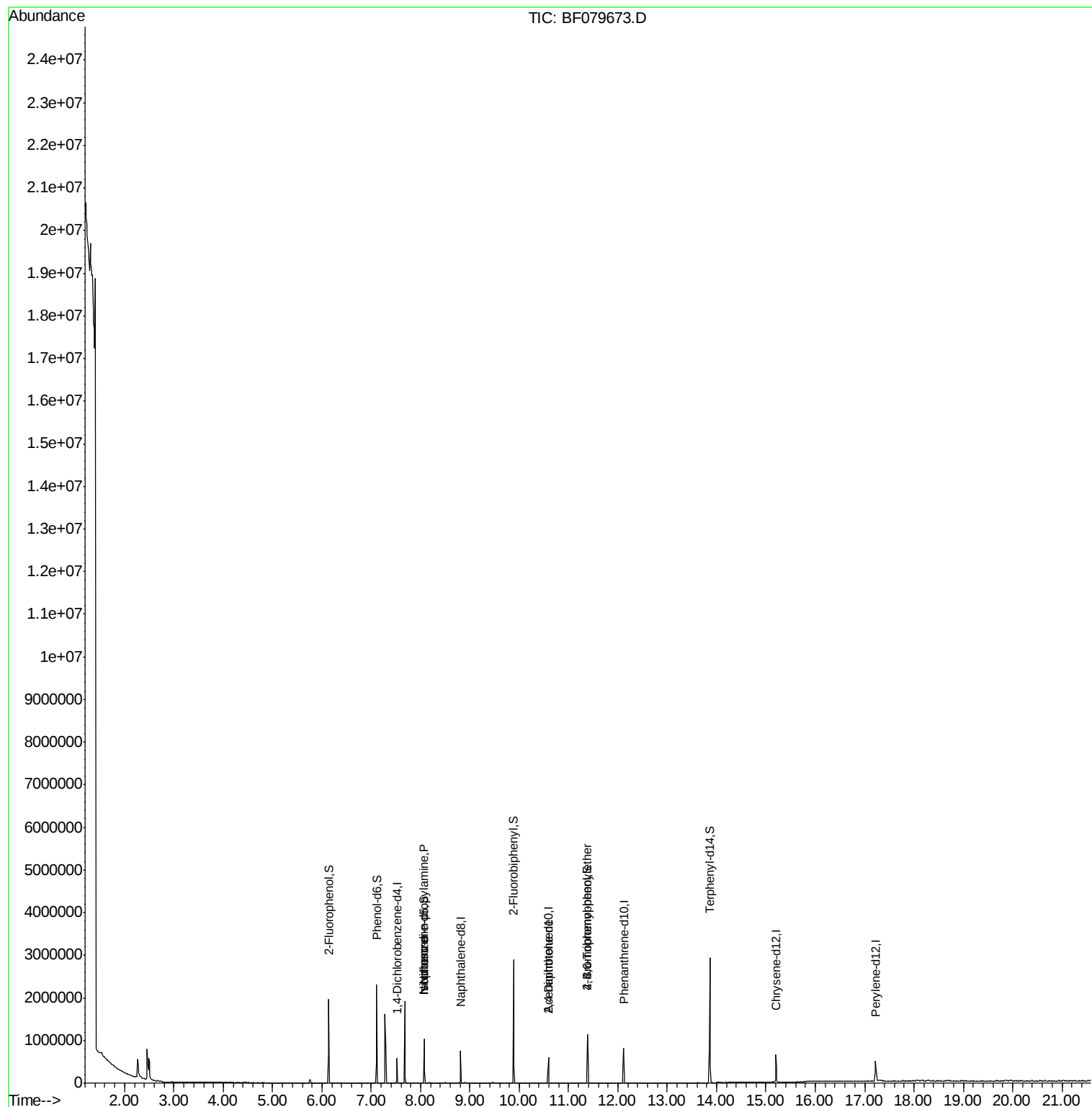
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	77925	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	299377	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	138420	20.00	ng	0.00
63) Phenanthrene-d10	12.11	188	293042	20.00	ng	-0.02
75) Chrysene-d12	15.20	240	303804	20.00	ng	-0.18
86) Perylene-d12	17.22	264	277043	20.00	ng	-0.26
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	531623	123.57	ng	0.00
7) Phenol-d6	7.11	99	706123	126.05	ng	0.00
23) Nitrobenzene-d5	8.07	82	314133	63.09	ng	-0.01
41) 2,4,6-Tribromophenol	11.38	330	112809	98.75	ng	-0.01
44) 2-Fluorobiphenyl	9.88	172	790946	86.64	ng	0.00
78) Terphenyl-d14	13.86	244	993588	82.85	ng	-0.09
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.07	70	40807	10.56	ng	# 86
25) Isophorone	8.07	82	308885	30.27	ng	# 65
56) 2,4-Dinitrotoluene	10.59	165	17304	12.44	ng	# 31
66) 4-Bromophenyl-phenylether	11.38	248	8541	2.90	ng	# 1

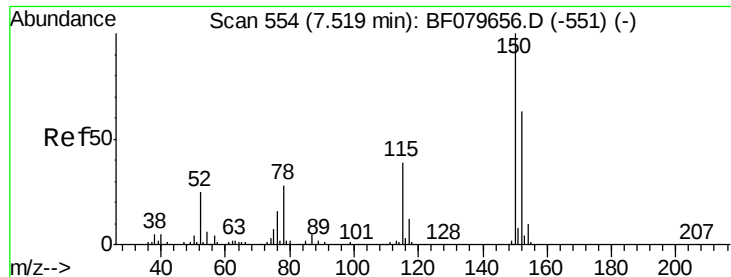
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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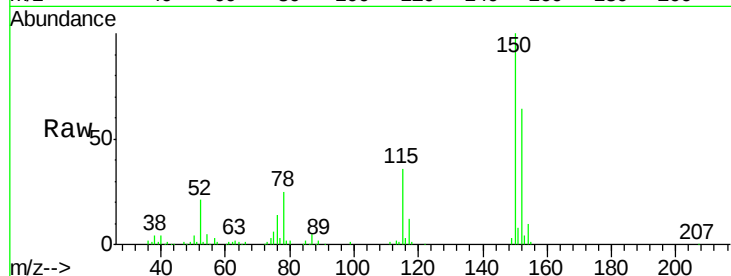


#1

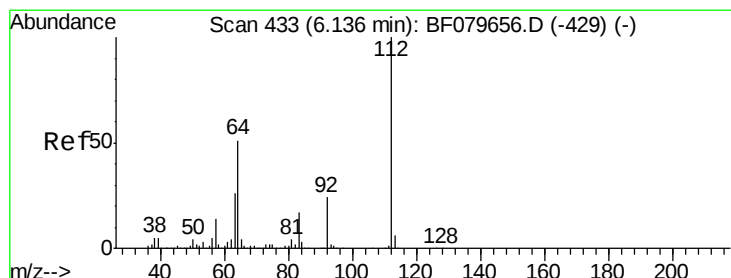
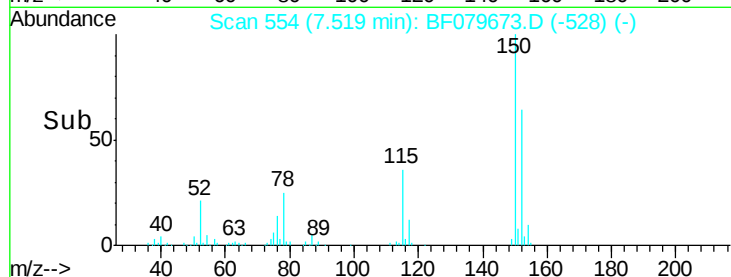
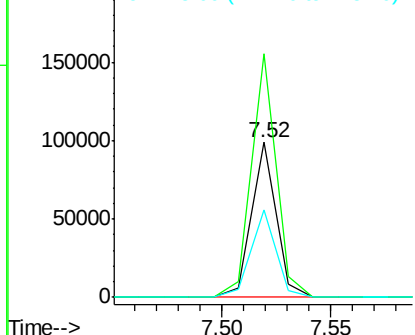
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF079673.D
Acq: 3 Jun 2015 20:38

Instrument :
BNA_F
ClientSampleId :
PB83713BL

Tgt Ion:152 Resp: 77925
Ion Ratio Lower Upper
152 100
150 157.1 126.7 190.1
115 56.5 49.2 73.8



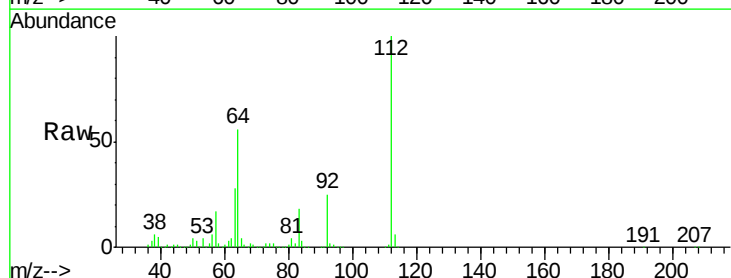
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



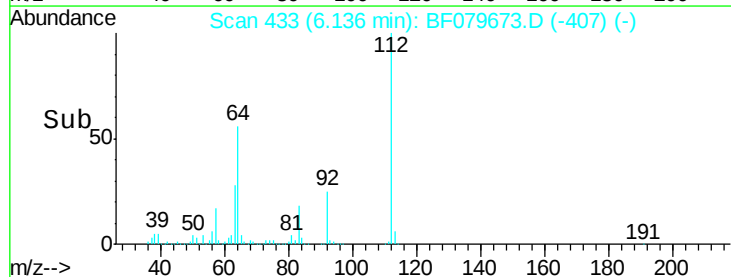
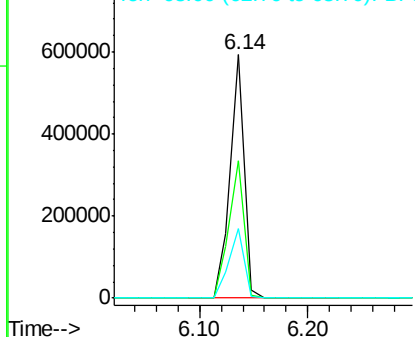
#5

2-Fluorophenol
Concen: 123.57 ng
RT: 6.14 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF079673.D
Acq: 3 Jun 2015 20:38

Tgt Ion:112 Resp: 531623
Ion Ratio Lower Upper
112 100
64 56.5 41.1 61.7
63 28.4 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: 126.05 ng

RT: 7.11 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF079673.D

Acq: 3 Jun 2015 20:38

Instrument :

BNA_F

ClientSampleId :

PB83713BL

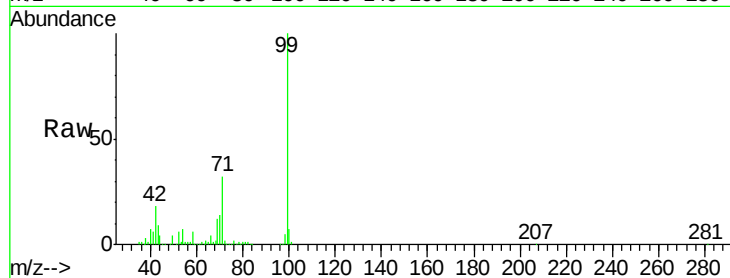
Tgt Ion: 99 Resp: 706123

Ion Ratio Lower Upper

99 100

42 18.0 15.2 22.8

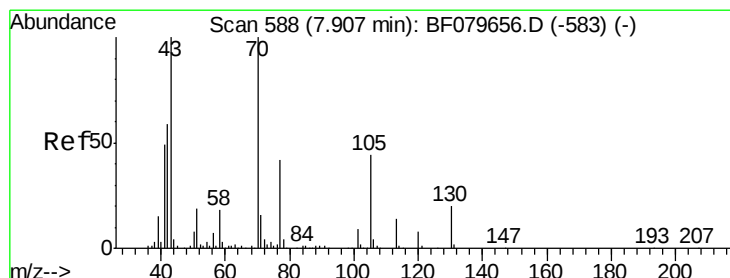
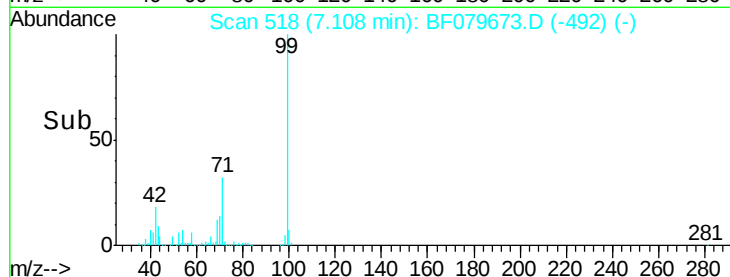
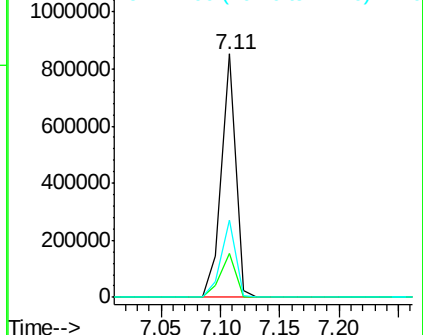
71 31.7 25.9 38.9



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: 10.56 ng

RT: 8.07 min Scan# 602

Delta R.T. 0.16 min

Lab File: BF079673.D

Acq: 3 Jun 2015 20:38

Tgt Ion: 70 Resp: 40807

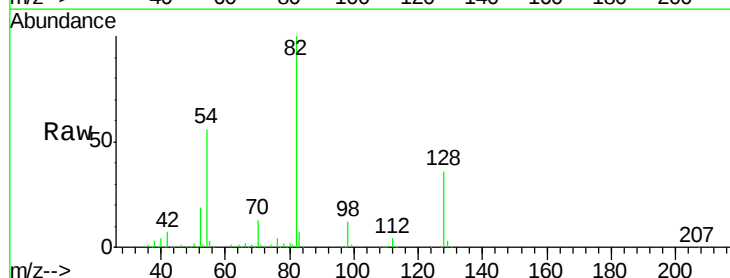
Ion Ratio Lower Upper

70 100

42 56.2 47.7 71.5

101 0.0 7.4 11.0#

130 2.1 15.8 23.8#

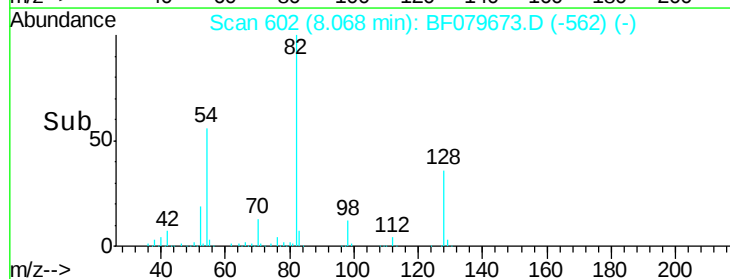
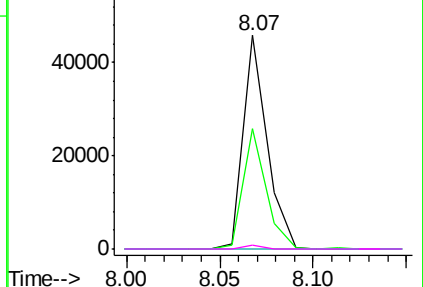


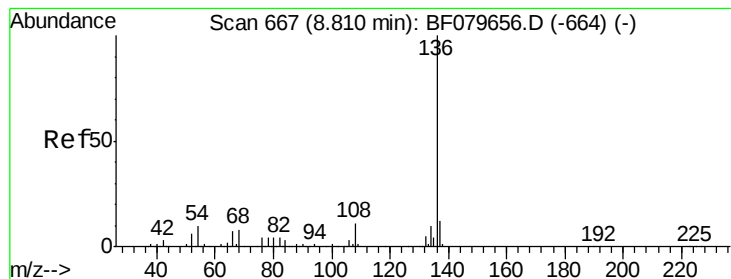
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.81 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF079673.D

Acq: 3 Jun 2015 20:38

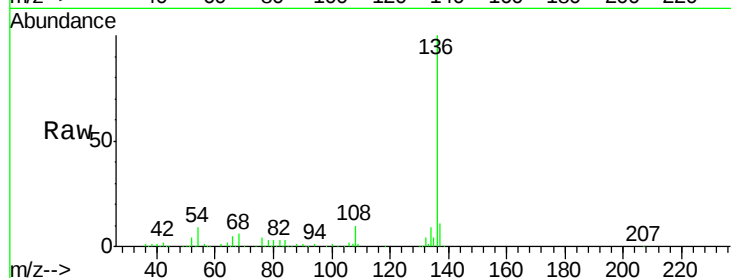
Instrument :

BNA_F

ClientSampleId :

PB83713BL

Tgt Ion:	136	Resp:	299377
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.3	13.9
54	8.8	8.3	12.5
68	6.3	6.1	9.1

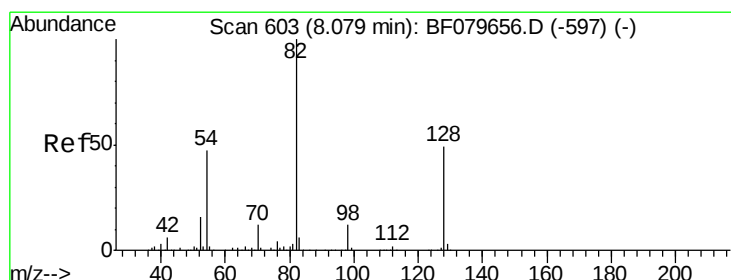
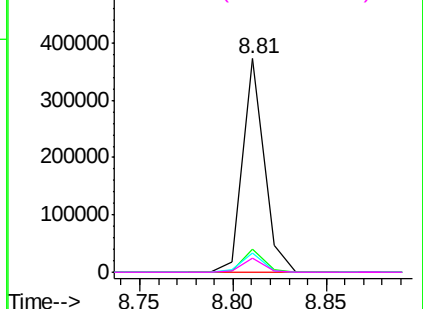
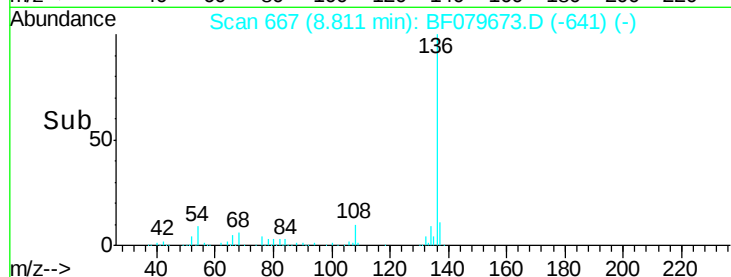


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.09 ng

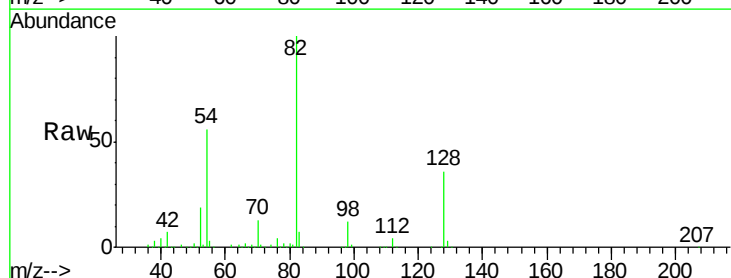
RT: 8.07 min Scan# 602

Delta R.T. -0.01 min

Lab File: BF079673.D

Acq: 3 Jun 2015 20:38

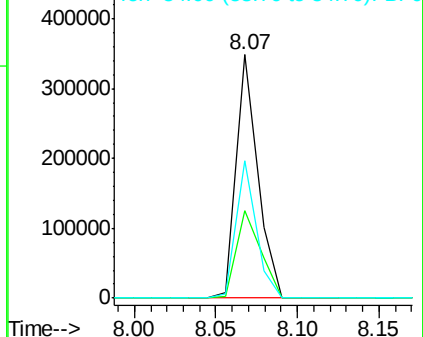
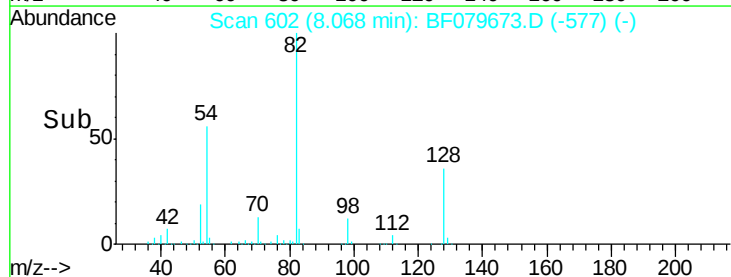
Tgt Ion:	82	Resp:	314133
Ion	Ratio	Lower	Upper
82	100		
128	36.1	39.4	59.0#
54	56.3	37.4	56.0#

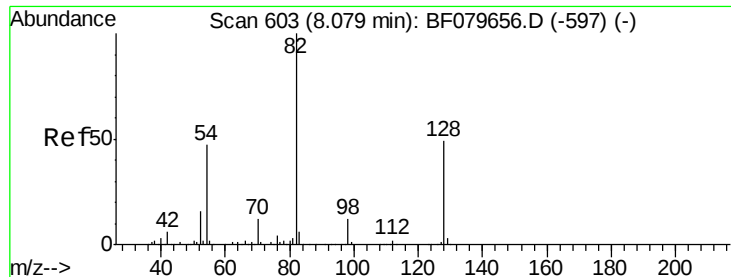


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 30.27 ng

RT: 8.07 min Scan# 602

Delta R.T. -0.26 min

Lab File: BF079673.D

Acq: 3 Jun 2015 20:38

Instrument :

BNA_F

ClientSampleId :

PB83713BL

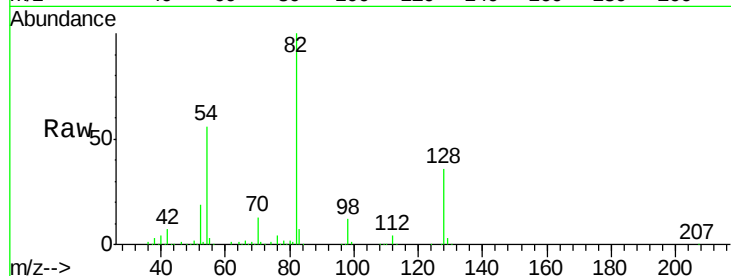
Tgt Ion: 82 Resp: 308885

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

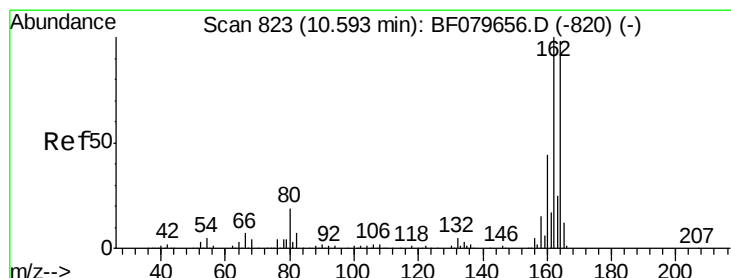
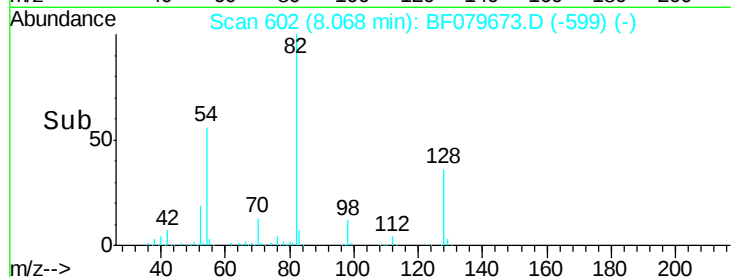
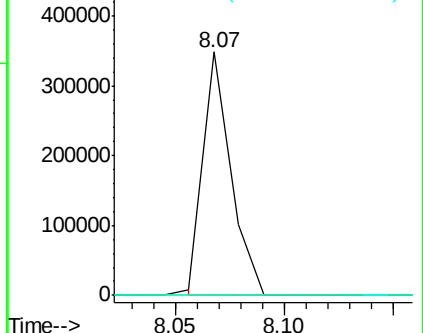
138 0.0 14.4 21.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.59 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF079673.D

Acq: 3 Jun 2015 20:38

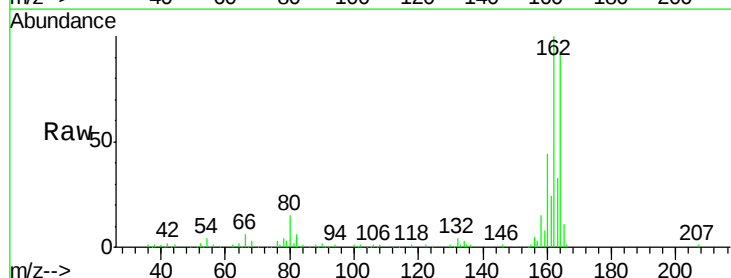
Tgt Ion: 164 Resp: 138420

Ion Ratio Lower Upper

164 100

162 107.6 82.0 123.0

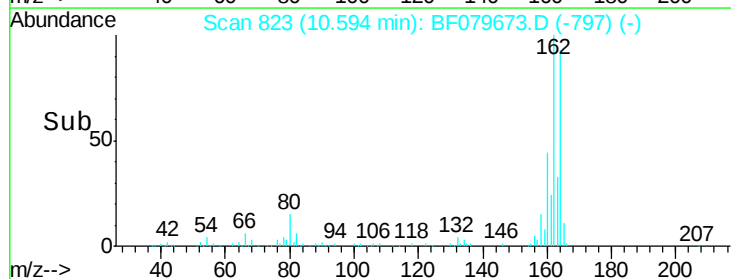
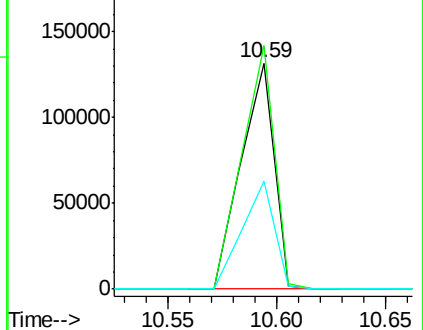
160 47.4 35.9 53.9

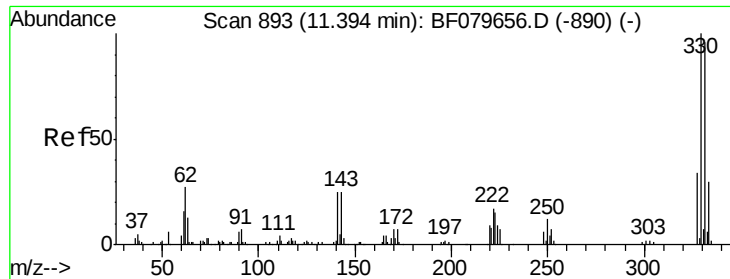


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

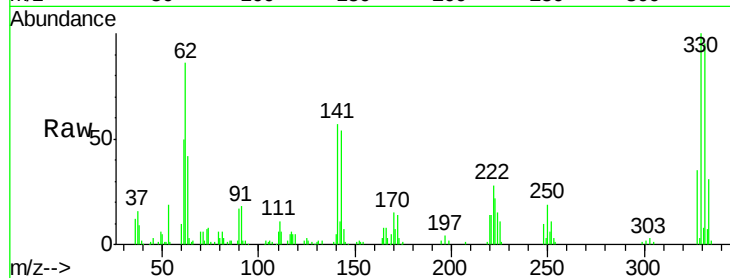




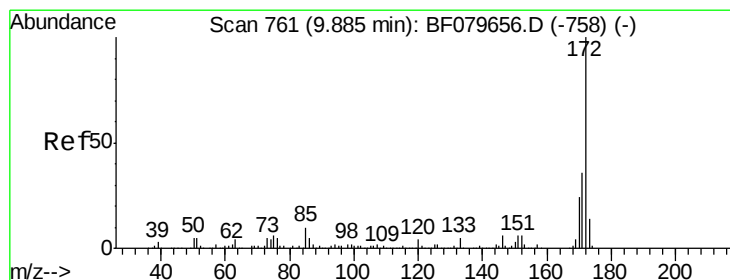
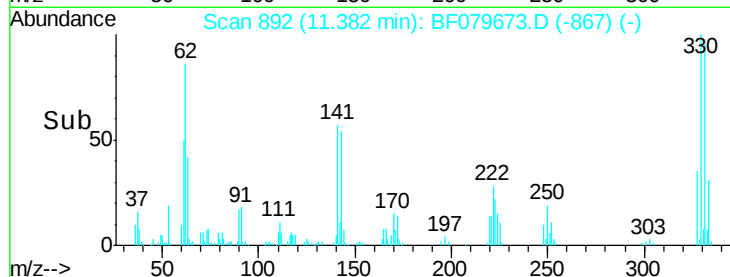
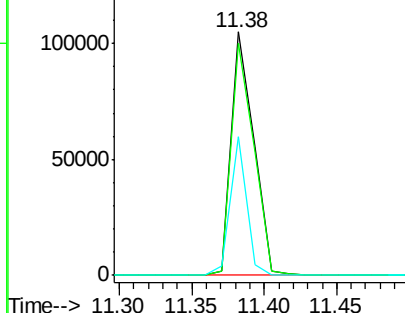
#41
 2,4,6-Tribromophenol
 Concen: 98.75 ng
 RT: 11.38 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF079673.D
 Acq: 3 Jun 2015 20:38

Instrument :
 BNA_F
 ClientSampleId :
 PB83713BL

Tgt Ion:330 Resp: 112809
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.3 115.9
 141 41.7 27.4 41.2#

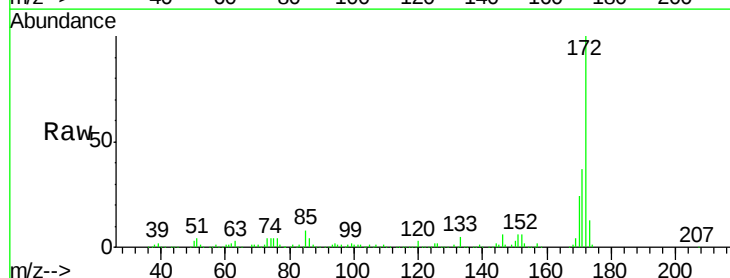


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

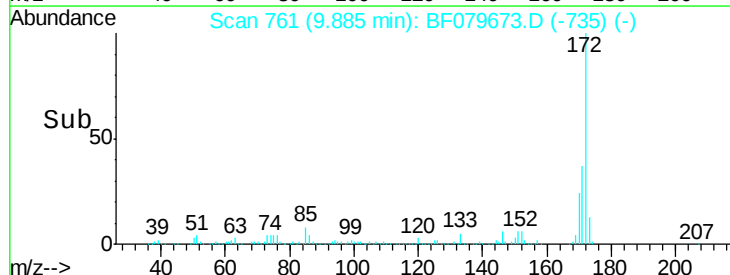
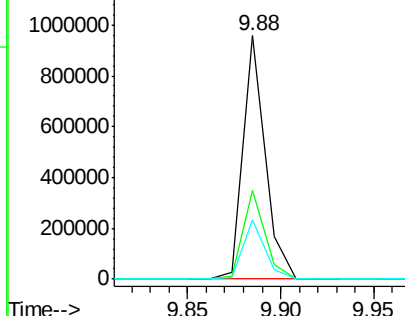


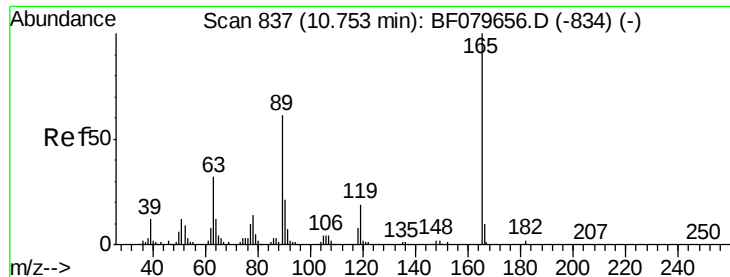
#44
 2-Fluorobiphenyl
 Concen: 86.64 ng
 RT: 9.88 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF079673.D
 Acq: 3 Jun 2015 20:38

Tgt Ion:172 Resp: 790946
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.8 43.2
 170 24.5 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

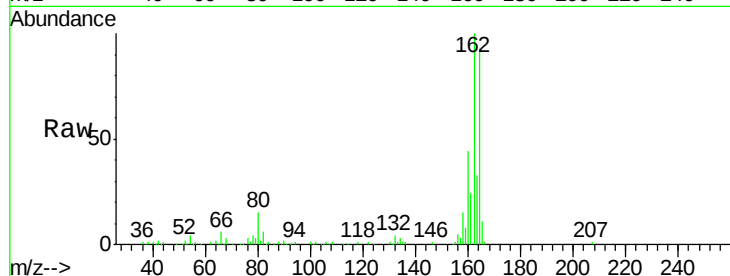




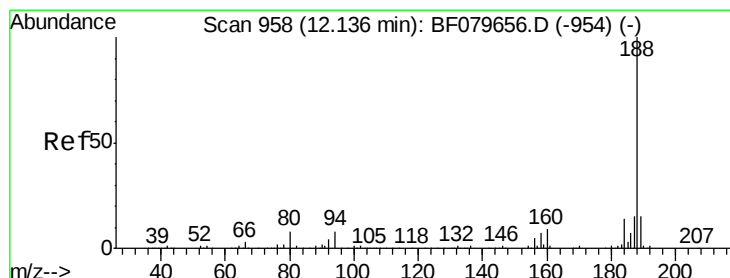
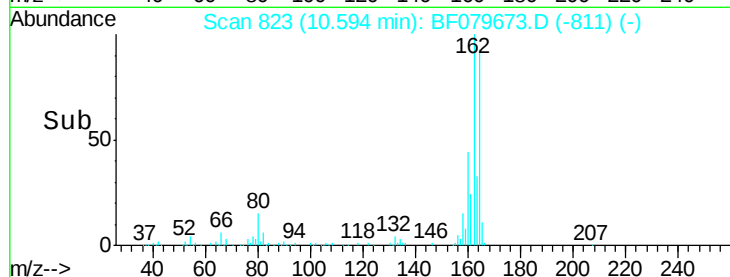
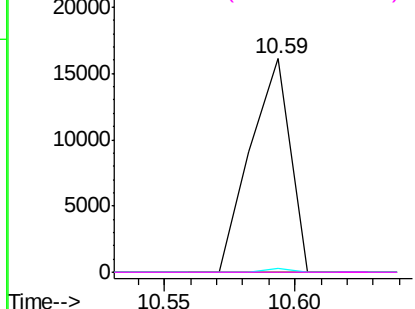
#56
2,4-Dinitrotoluene
Concen: 12.44 ng
RT: 10.59 min Scan# 823
Delta R.T. -0.16 min
Lab File: BF079673.D
Acq: 3 Jun 2015 20:38

Instrument :
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ClientSampleId :
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Tgt Ion:165 Resp: 17304
Ion Ratio Lower Upper
165 100
63 0.0 25.5 38.3#
89 2.0 48.5 72.7#
182 0.0 1.9 2.9#

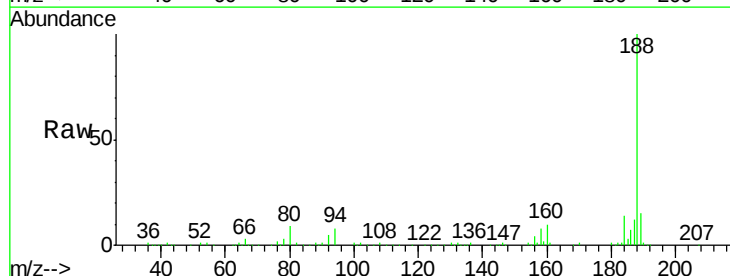


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

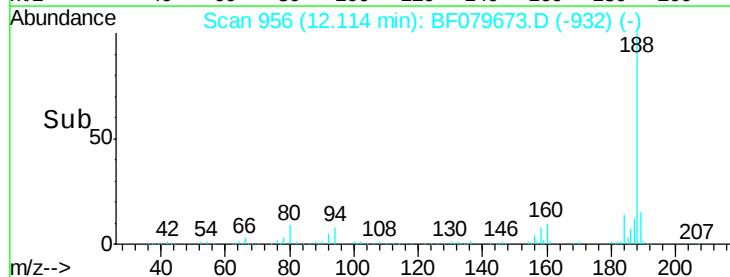
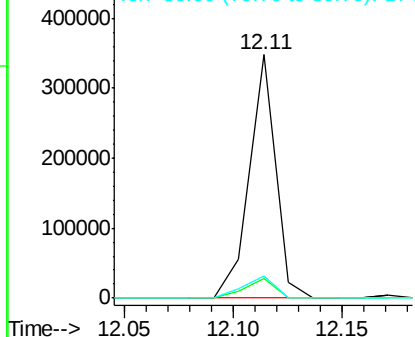


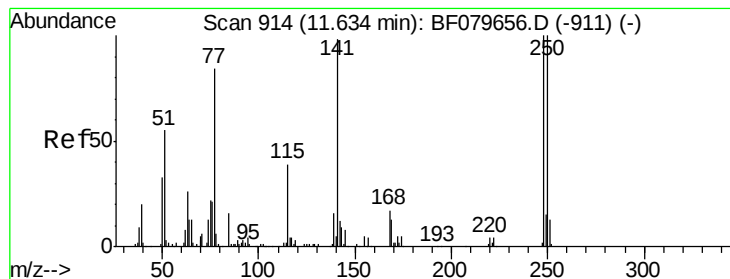
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.11 min Scan# 956
Delta R.T. -0.02 min
Lab File: BF079673.D
Acq: 3 Jun 2015 20:38

Tgt Ion:188 Resp: 293042
Ion Ratio Lower Upper
188 100
94 8.2 6.1 9.1
80 9.1 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





#66

4-Bromophenyl-phenylether

Concen: 2.90 ng

RT: 11.38 min Scan# 892

Delta R.T. -0.25 min

Lab File: BF079673.D

Acq: 3 Jun 2015 20:38

Instrument :

BNA_F

ClientSampleId :

PB83713BL

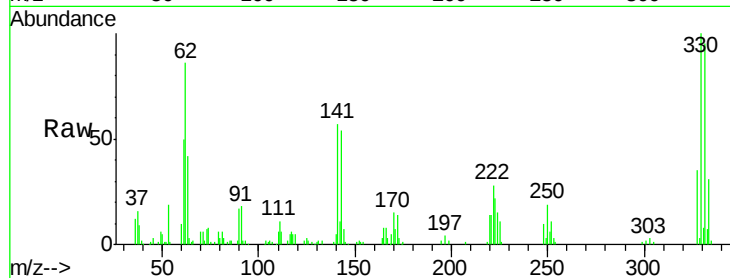
Tgt Ion:248 Resp: 8541

Ion Ratio Lower Upper

248 100

250 195.1 80.0 120.0#

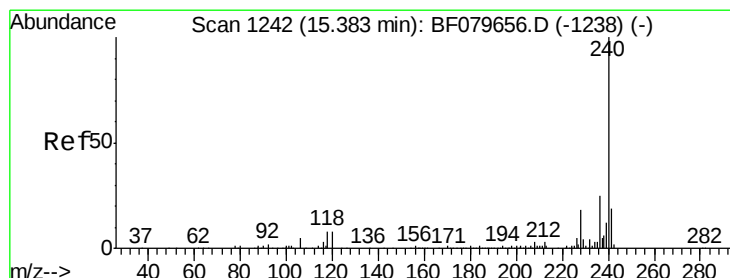
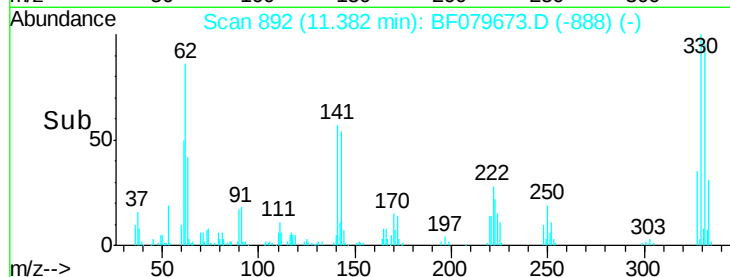
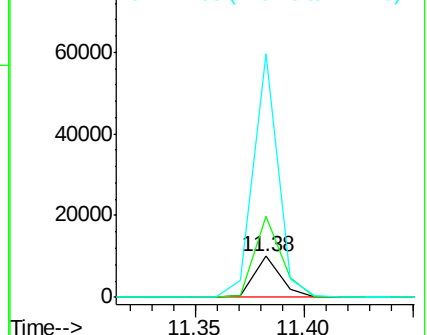
141 589.7 78.8 118.2#



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: 15.20 min Scan# 1226

Delta R.T. -0.18 min

Lab File: BF079673.D

Acq: 3 Jun 2015 20:38

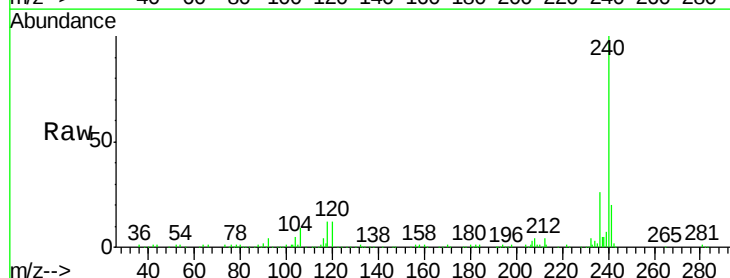
Tgt Ion:240 Resp: 303804

Ion Ratio Lower Upper

240 100

120 12.3 6.4 9.6#

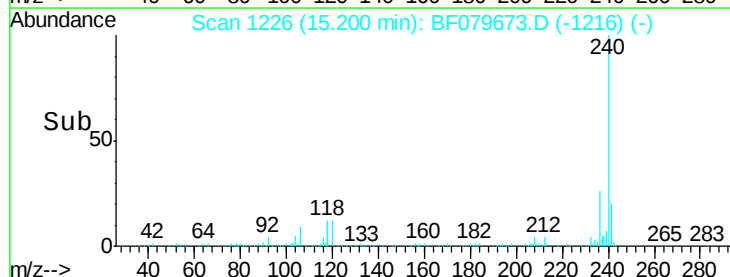
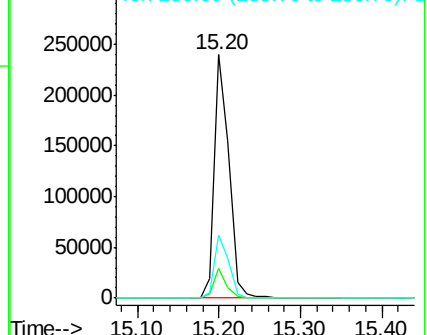
236 25.9 20.2 30.4

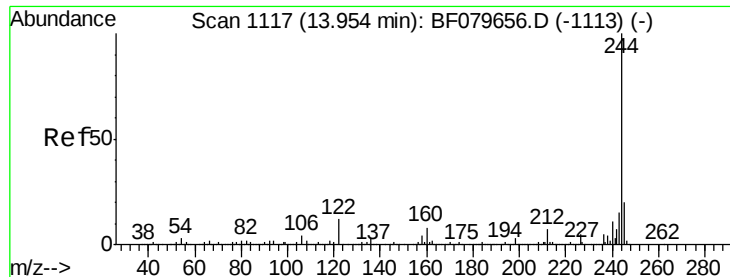


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.85 ng

RT: 13.86 min Scan# 1109

Delta R.T. -0.09 min

Lab File: BF079673.D

Acq: 3 Jun 2015 20:38

Instrument :

BNA_F

ClientSampleId :

PB83713BL

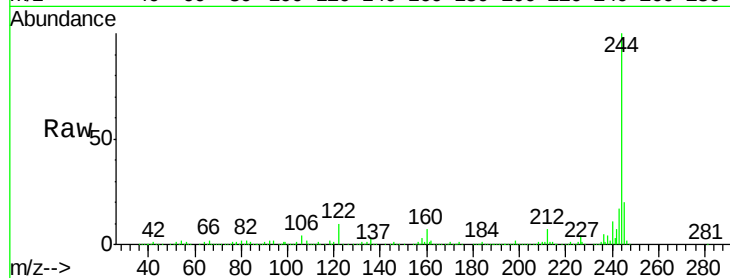
Tgt Ion:244 Resp: 993588

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

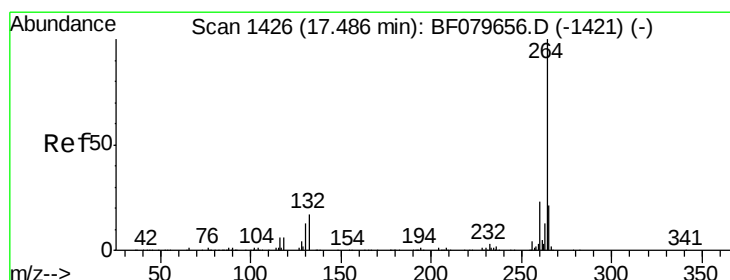
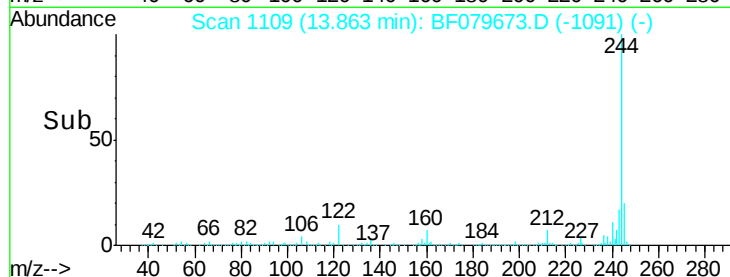
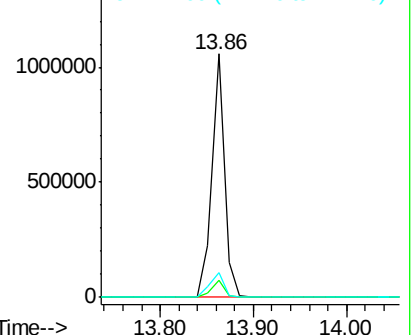
122 10.2 9.8 14.6



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: 17.22 min Scan# 1403

Delta R.T. -0.26 min

Lab File: BF079673.D

Acq: 3 Jun 2015 20:38

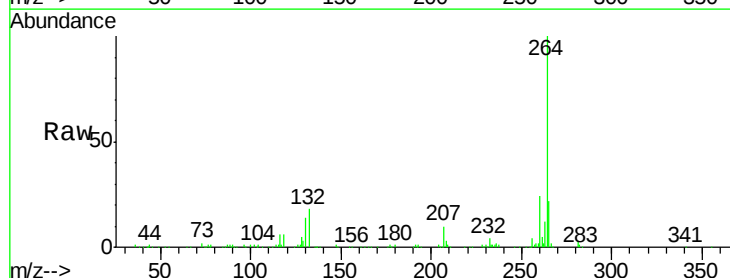
Tgt Ion:264 Resp: 277043

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 22.2 17.4 26.0



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

