

Data Path : Z:\HPCHEM1\BNA_F\Data\BF060315\
 Data File : BF079669.D
 Acq On : 3 Jun 2015 18:43
 Operator : TP/IZ
 Sample : G2452-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-052915

Quant Time: Jun 04 03:24:29 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

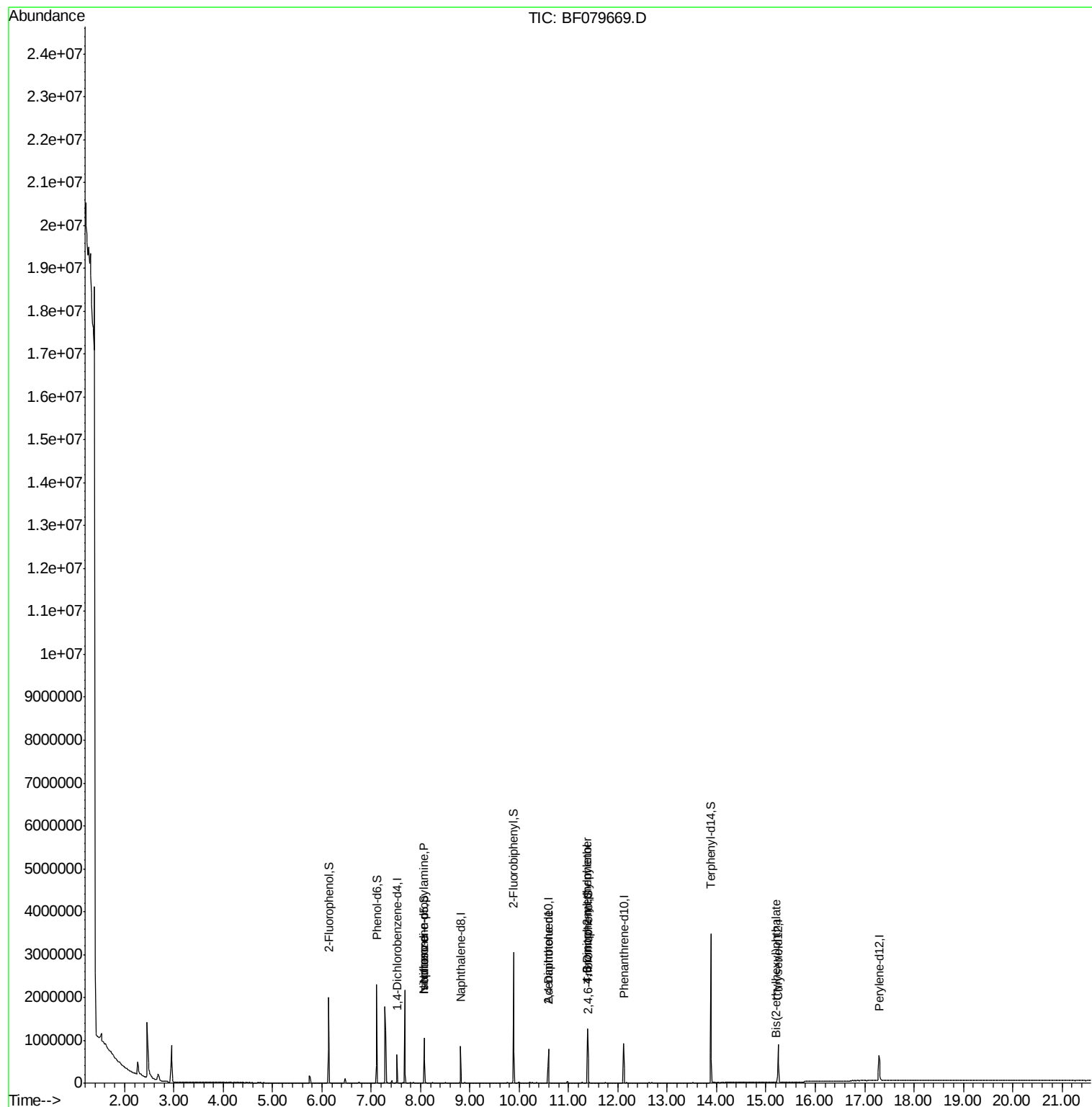
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	90758	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	350968	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	177339	20.00	ng	0.00
63) Phenanthrene-d10	12.11	188	358812	20.00	ng	-0.02
75) Chrysene-d12	15.25	240	391596	20.00	ng	-0.14
86) Perylene-d12	17.29	264	369810	20.00	ng	-0.19
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	559799	111.78	ng	0.00
7) Phenol-d6	7.11	99	686552	104.89	ng	0.00
23) Nitrobenzene-d5	8.07	82	374819	64.13	ng	-0.01
41) 2,4,6-Tribromophenol	11.39	330	158563	108.34	ng	0.00
44) 2-Fluorobiphenyl	9.88	172	900733	76.22	ng	0.00
78) Terphenyl-d14	13.89	244	1142741	73.38	ng	-0.07
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.07	70	48059	10.68	ng	# 86
25) Isophorone	8.07	82	370590	30.98	ng	# 65
32) Benzoic acid	8.24	122	263	Below Cal		# 1
56) 2,4-Dinitrotoluene	10.59	165	22485	12.58	ng	# 31
64) 4,6-Dinitro-2-methylphenol	11.38	198	263	8.21	ng	# 1
66) 4-Bromophenyl-phenylether	11.38	248	10426	2.90	ng	# 1
83) Bis(2-ethylhexyl)phthalate	15.21	149	1514	3.33	ng	# 53

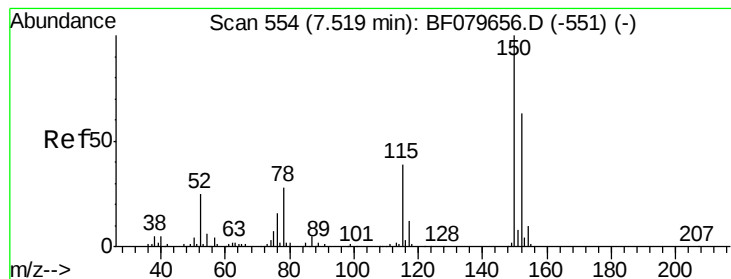
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\Data\BF060315\
Data File : BF079669.D
Acq On : 3 Jun 2015 18:43
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Sample : G2452-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-052915

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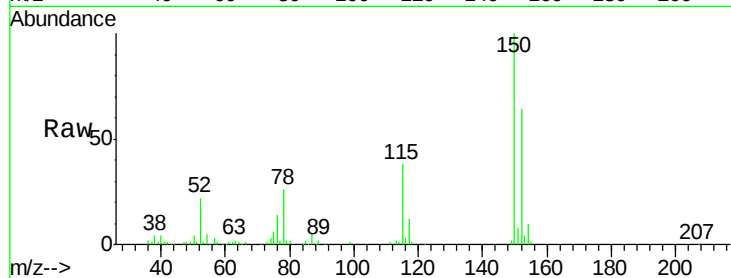


#1

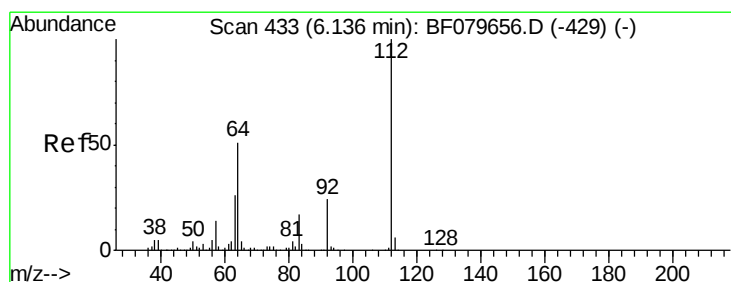
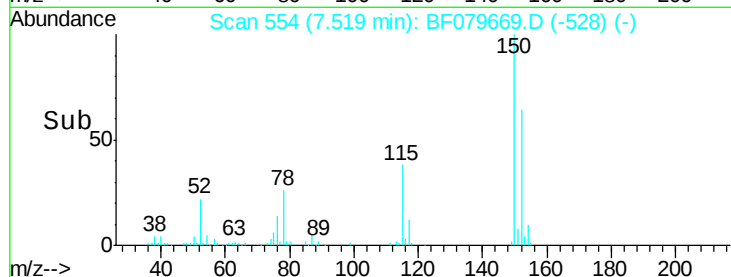
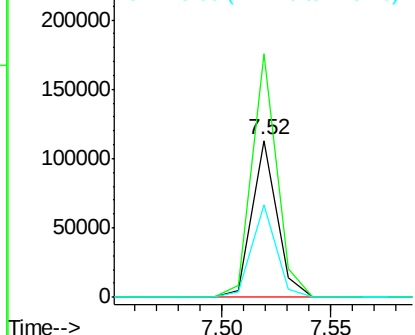
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF079669.D
Acq: 3 Jun 2015 18:43

Instrument :
BNA_F
ClientSampleId :
WC-052915

Tgt Ion:152 Resp: 90758
Ion Ratio Lower Upper
152 100
150 155.3 126.7 190.1
115 59.0 49.2 73.8



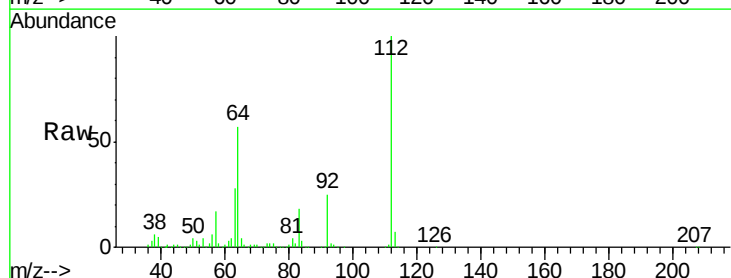
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



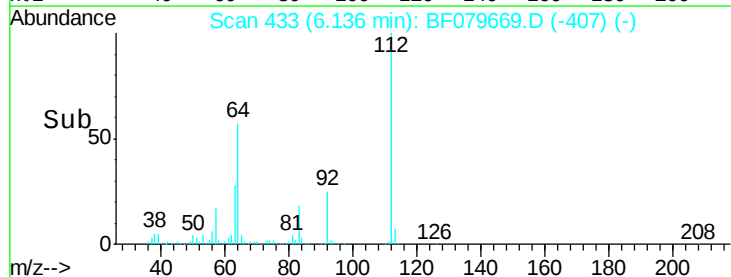
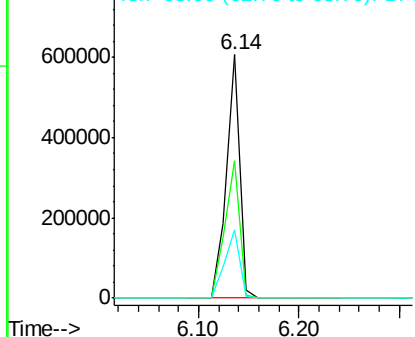
#5

2-Fluorophenol
Concen: 111.78 ng
RT: 6.14 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF079669.D
Acq: 3 Jun 2015 18:43

Tgt Ion:112 Resp: 559799
Ion Ratio Lower Upper
112 100
64 56.5 41.1 61.7
63 27.9 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: 104.89 ng

RT: 7.11 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF079669.D

Acq: 3 Jun 2015 18:43

Instrument :

BNA_F

ClientSampled :

WC-052915

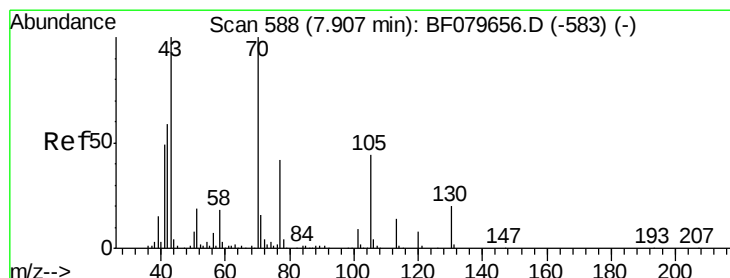
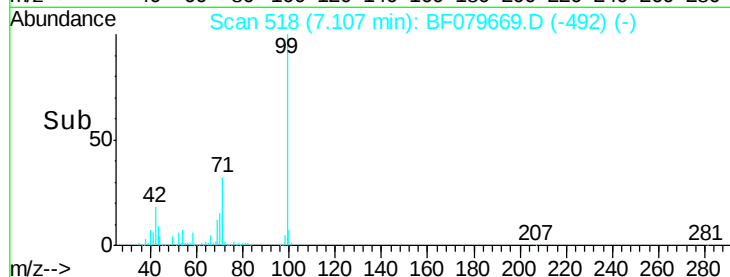
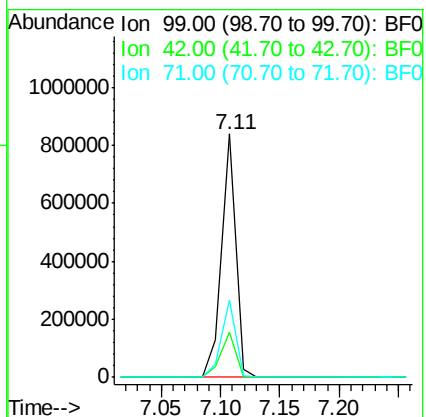
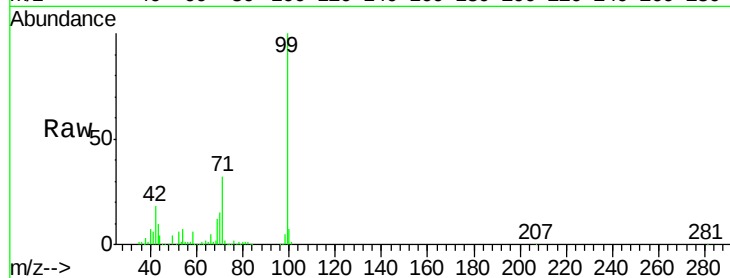
Tgt Ion: 99 Resp: 68652

Ion Ratio Lower Upper

99 100

42 18.4 15.2 22.8

71 31.9 25.9 38.9



#19

n-Nitroso-di-n-propylamine

Concen: 10.68 ng

RT: 8.07 min Scan# 602

Delta R.T. 0.16 min

Lab File: BF079669.D

Acq: 3 Jun 2015 18:43

Tgt Ion: 70 Resp: 48059

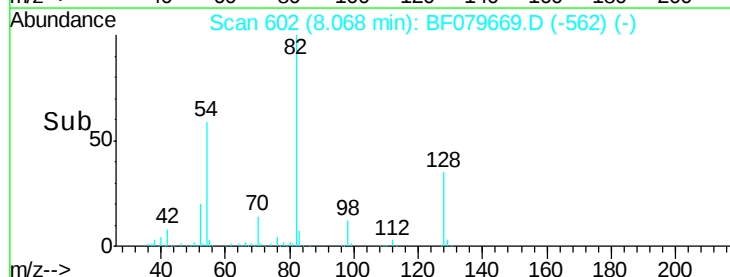
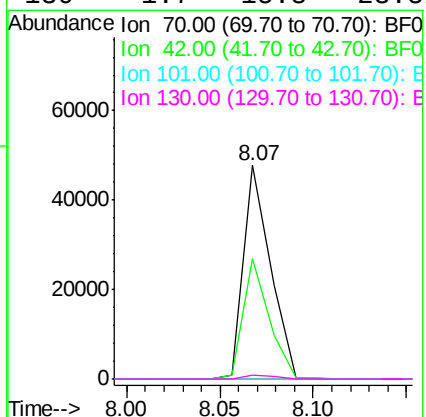
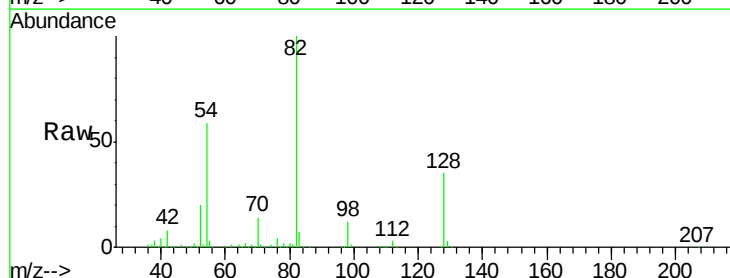
Ion Ratio Lower Upper

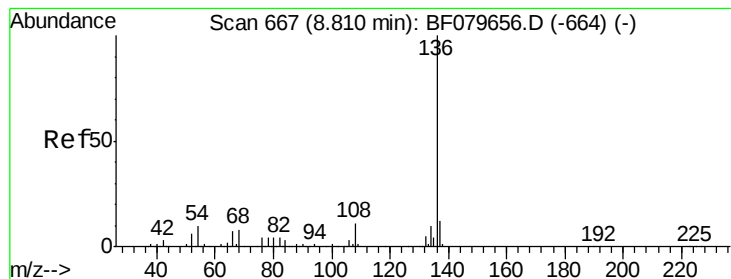
70 100

42 56.3 47.7 71.5

101 0.0 7.4 11.0#

130 1.7 15.8 23.8#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.81 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF079669.D

Acq: 3 Jun 2015 18:43

Instrument :

BNA_F

ClientSampleId :

WC-052915

Tgt Ion:136 Resp: 350968

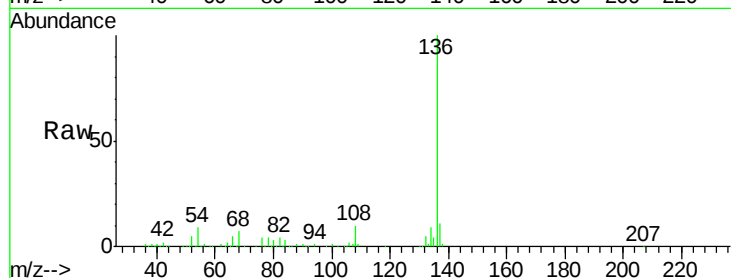
Ion Ratio Lower Upper

136 100

137 10.7 9.3 13.9

54 9.4 8.3 12.5

68 6.8 6.1 9.1

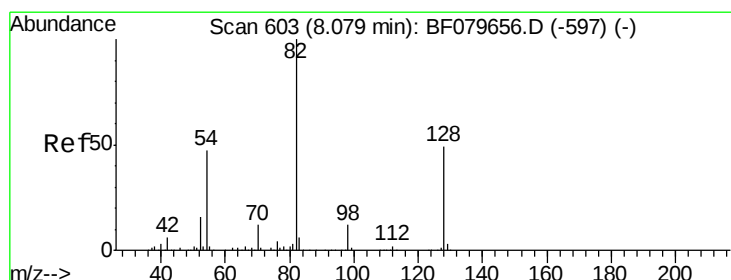
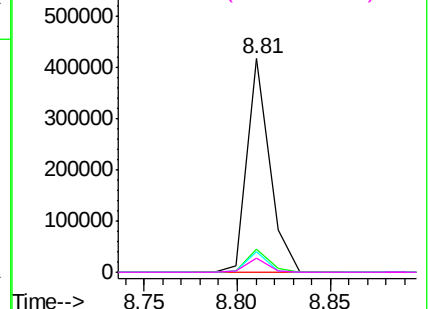
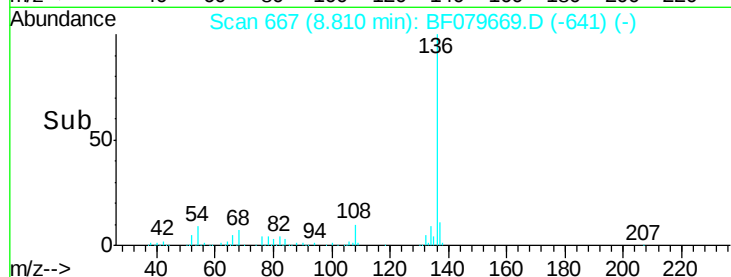


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.13 ng

RT: 8.07 min Scan# 602

Delta R.T. -0.01 min

Lab File: BF079669.D

Acq: 3 Jun 2015 18:43

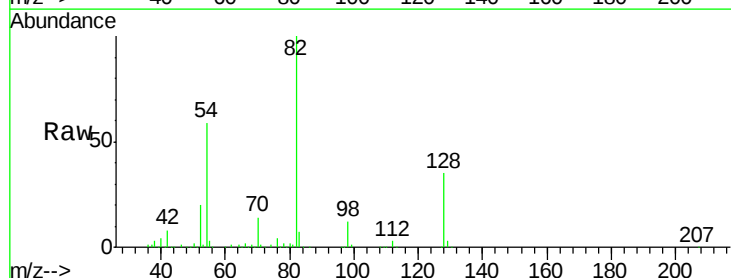
Tgt Ion: 82 Resp: 374819

Ion Ratio Lower Upper

82 100

128 34.6 39.4 59.0#

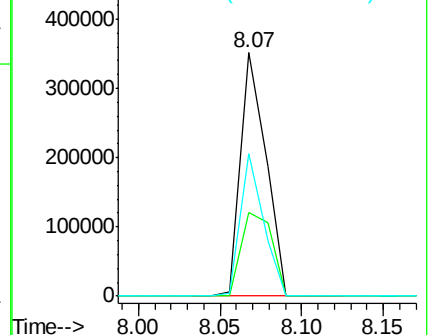
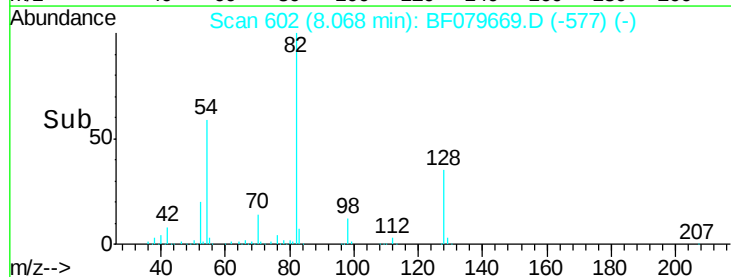
54 58.7 37.4 56.0#

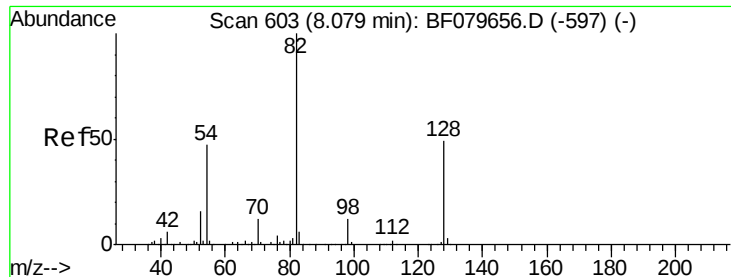


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 30.98 ng

RT: 8.07 min Scan# 602

Delta R.T. -0.26 min

Lab File: BF079669.D

Acq: 3 Jun 2015 18:43

Instrument :

BNA_F

ClientSampleId :

WC-052915

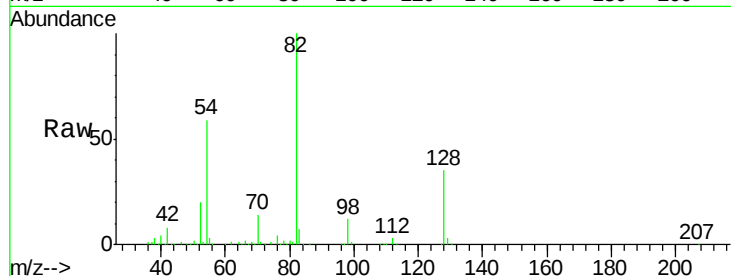
Tgt Ion: 82 Resp: 370590

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

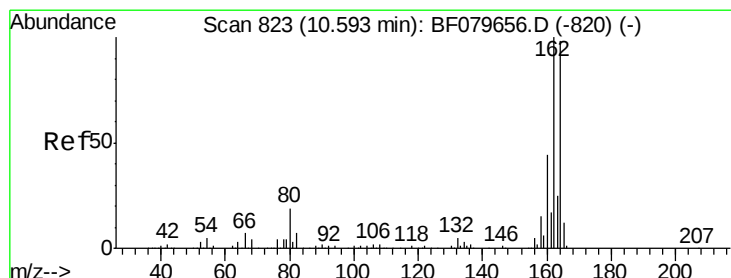
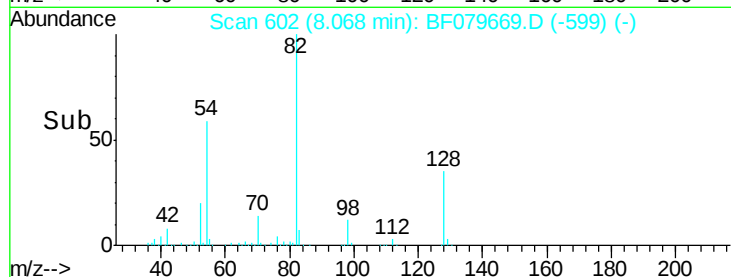
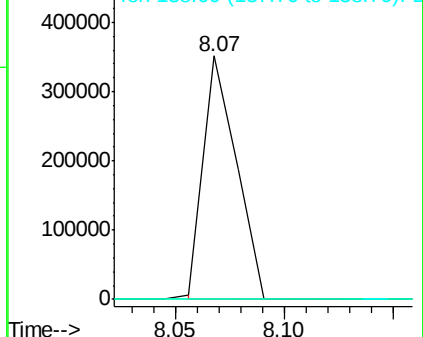
138 0.0 14.4 21.6#



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: BF079669.D

Acq: 3 Jun 2015 18:43

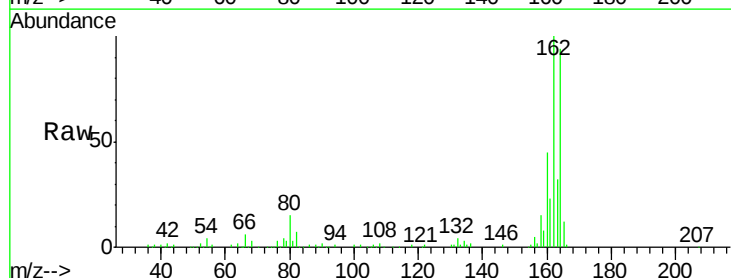
Tgt Ion: 164 Resp: 177339

Ion Ratio Lower Upper

164 100

162 106.5 82.0 123.0

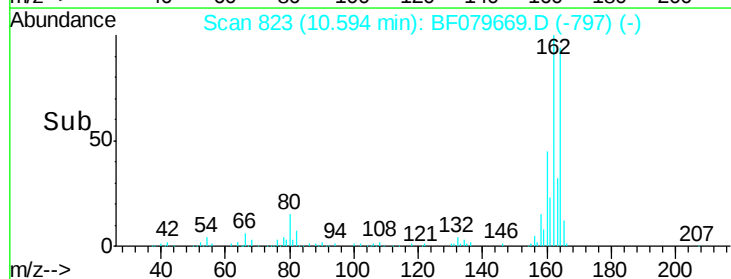
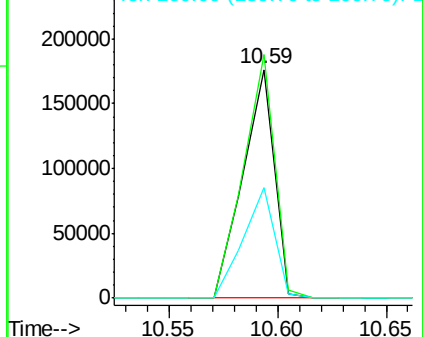
160 48.2 35.9 53.9

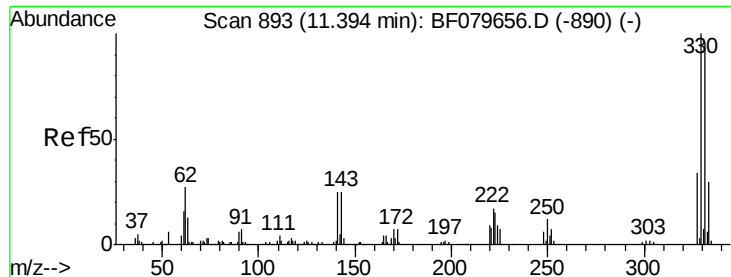


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

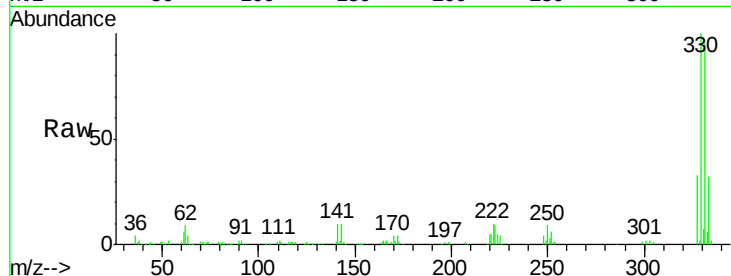




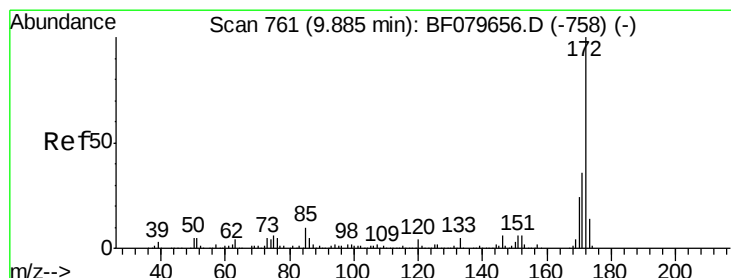
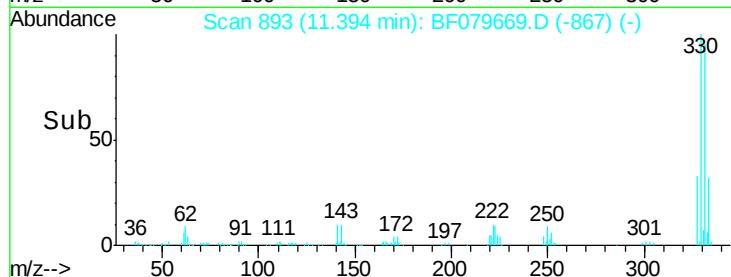
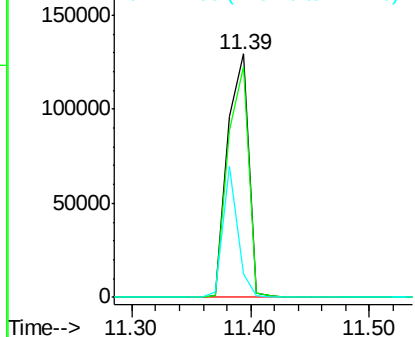
#41
 2,4,6-Tribromophenol
 Concen: 108.34 ng
 RT: 11.39 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF079669.D
 Acq: 3 Jun 2015 18:43

Instrument :
 BNA_F
 ClientSampleId :
 WC-052915

Tgt Ion:330 Resp: 158563
 Ion Ratio Lower Upper
 330 100
 332 93.6 77.3 115.9
 141 37.2 27.4 41.2

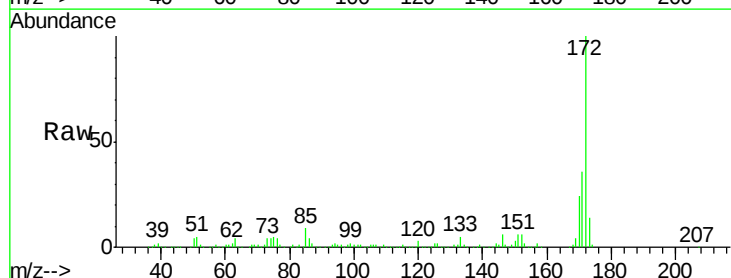


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

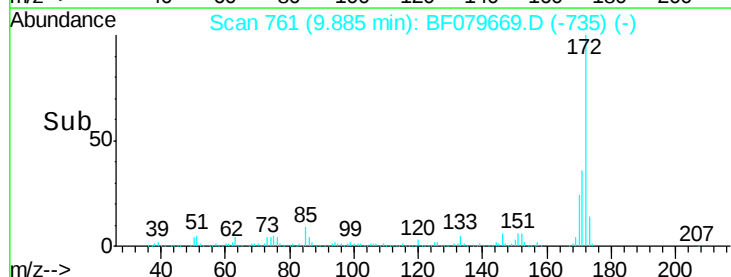
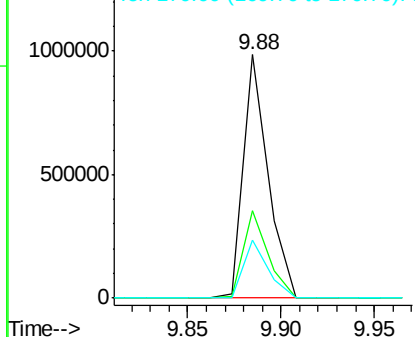


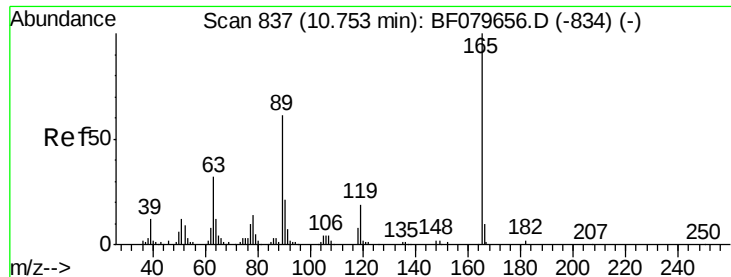
#44
 2-Fluorobiphenyl
 Concen: 76.22 ng
 RT: 9.88 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF079669.D
 Acq: 3 Jun 2015 18:43

Tgt Ion:172 Resp: 900733
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.8 43.2
 170 24.0 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

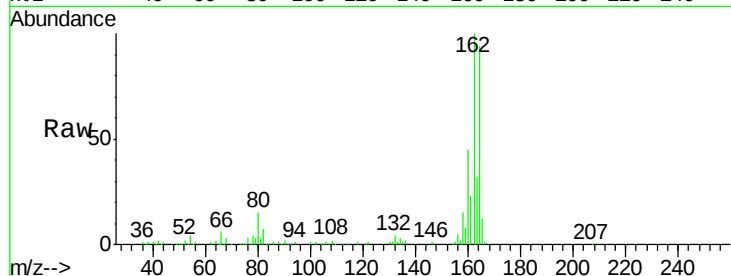




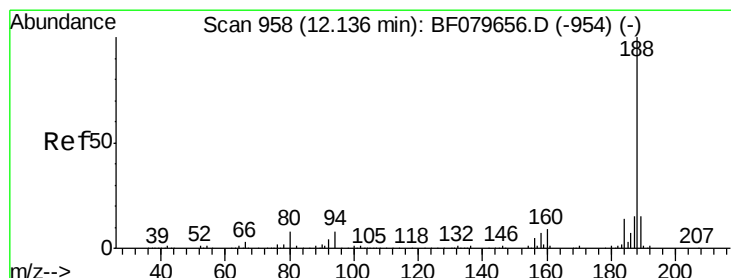
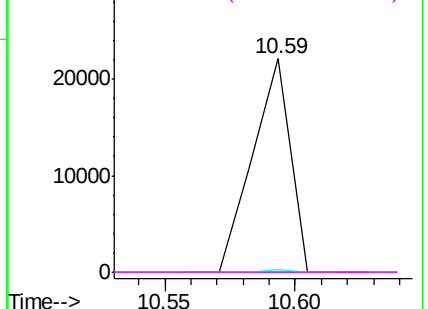
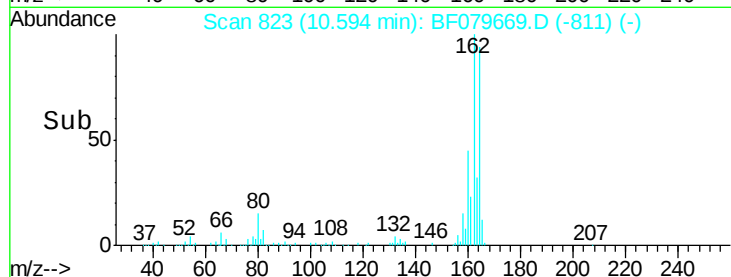
#56
2,4-Dinitrotoluene
Concen: 12.58 ng
RT: 10.59 min Scan# 823
Delta R.T. -0.16 min
Lab File: BF079669.D
Acq: 3 Jun 2015 18:43

Instrument :
BNA_F
ClientSampleId :
WC-052915

Tgt Ion:165 Resp: 22485
Ion Ratio Lower Upper
165 100
63 0.0 25.5 38.3#
89 1.5 48.5 72.7#
182 0.0 1.9 2.9#

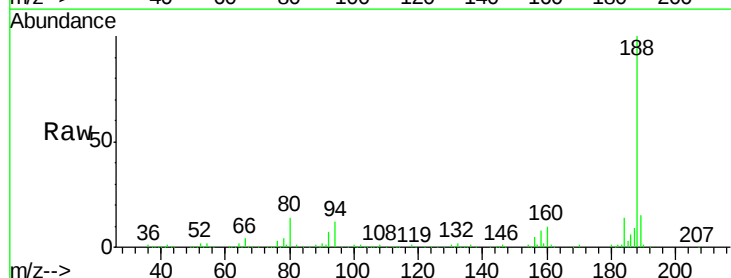


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

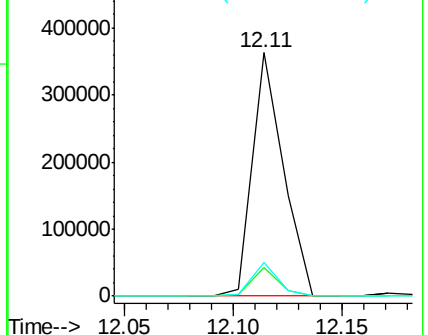
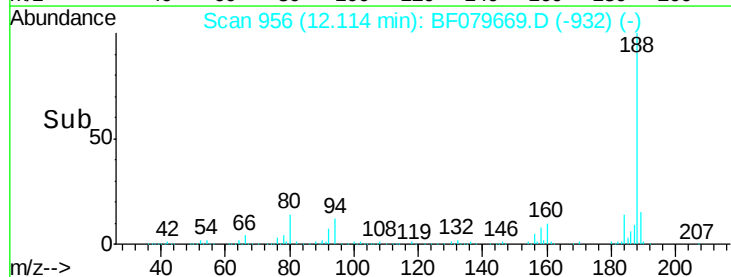


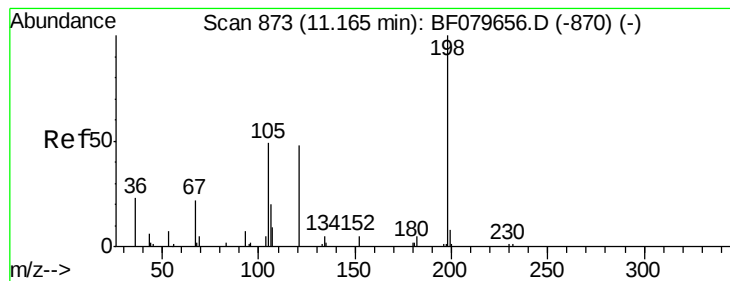
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.11 min Scan# 956
Delta R.T. -0.02 min
Lab File: BF079669.D
Acq: 3 Jun 2015 18:43

Tgt Ion:188 Resp: 358812
Ion Ratio Lower Upper
188 100
94 12.0 6.1 9.1#
80 13.6 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





#64

4,6-Dinitro-2-methylphenol

Concen: 8.21 ng

RT: 11.38 min Scan# 892

Delta R.T. 0.22 min

Lab File: BF079669.D

Acq: 3 Jun 2015 18:43

Instrument :

BNA_F

ClientSampleId :

WC-052915

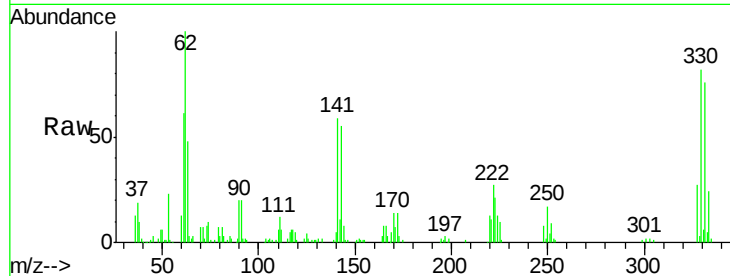
Tgt Ion:198 Resp: 263

Ion Ratio Lower Upper

198 100

51 277.5 46.1 86.1#

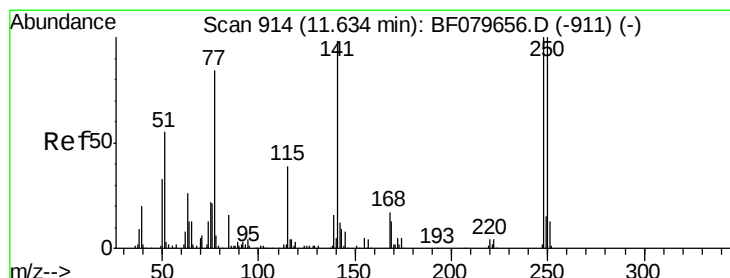
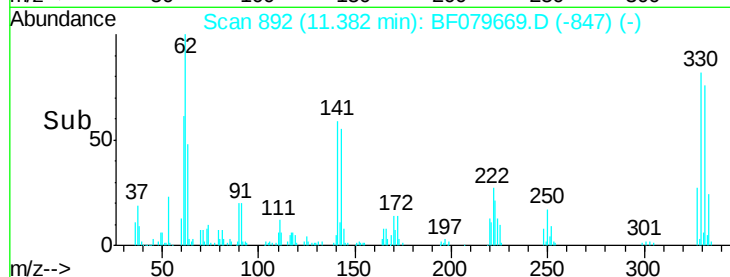
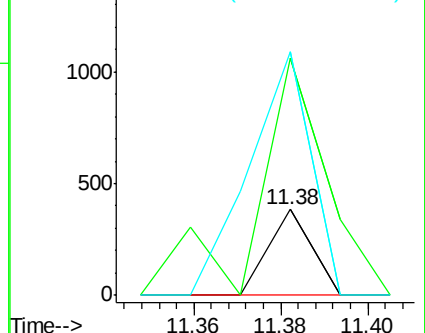
105 284.6 34.6 74.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 2.90 ng

RT: 11.38 min Scan# 892

Delta R.T. -0.25 min

Lab File: BF079669.D

Acq: 3 Jun 2015 18:43

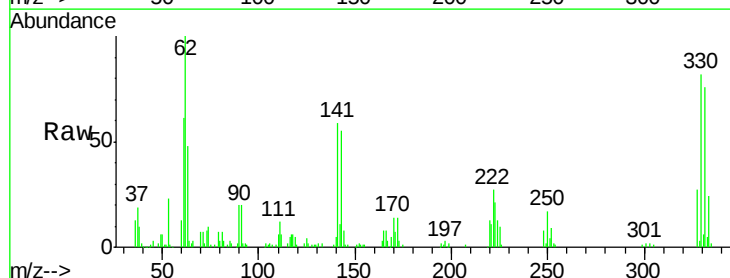
Tgt Ion:248 Resp: 10426

Ion Ratio Lower Upper

248 100

250 201.9 80.0 120.0#

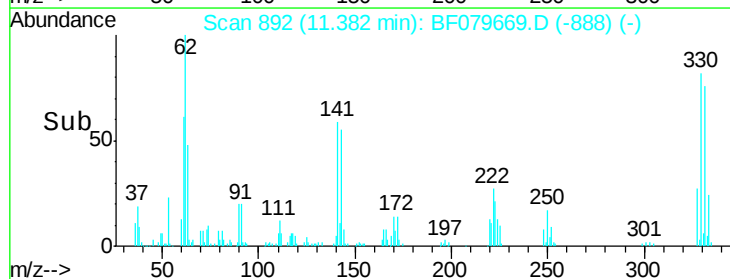
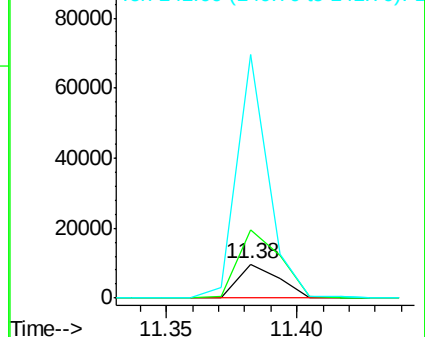
141 720.5 78.8 118.2#

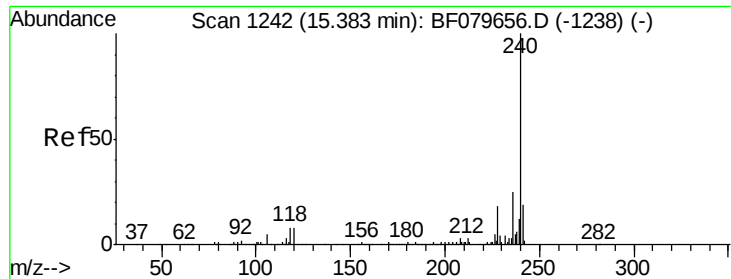


Abundance Ion 248.00 (247.70 to 248.70): E

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: 15.25 min Scan# 1230

Delta R.T. -0.14 min

Lab File: BF079669.D

Acq: 3 Jun 2015 18:43

Instrument :

BNA_F

ClientSampleId :

WC-052915

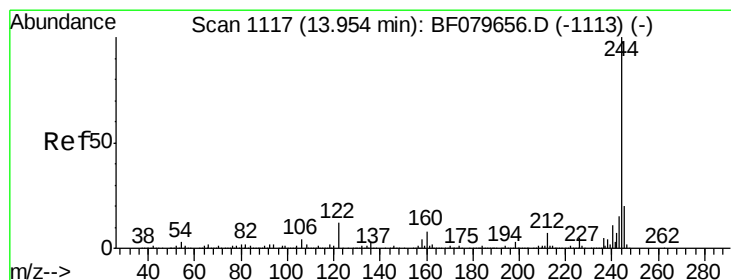
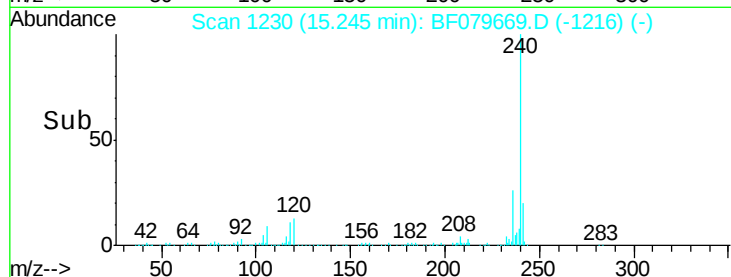
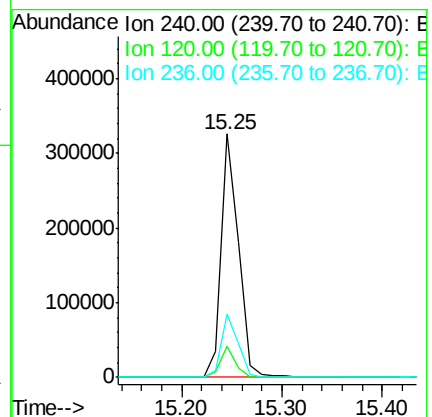
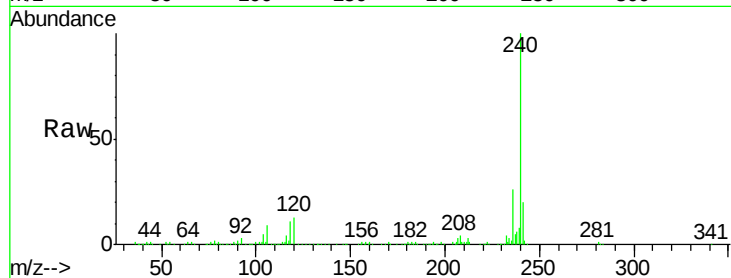
Tgt Ion:240 Resp: 391596

Ion Ratio Lower Upper

240 100

120 12.7 6.4 9.6#

236 25.8 20.2 30.4



#78

Terphenyl-d14

Concen: 73.38 ng

RT: 13.89 min Scan# 1111

Delta R.T. -0.07 min

Lab File: BF079669.D

Acq: 3 Jun 2015 18:43

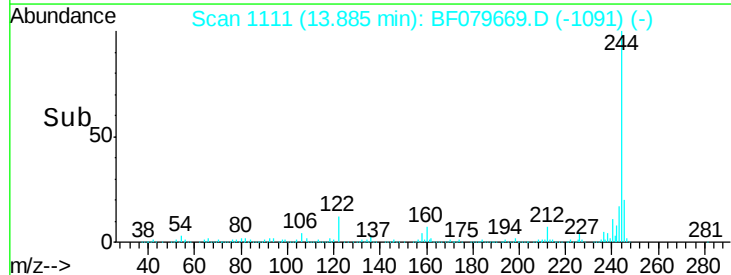
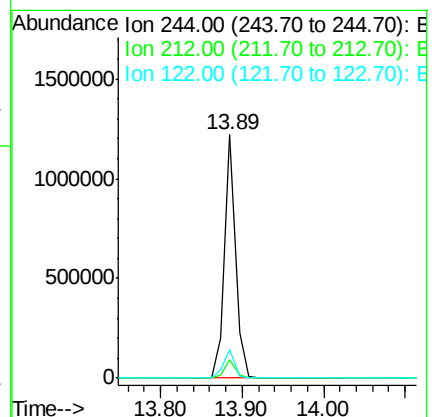
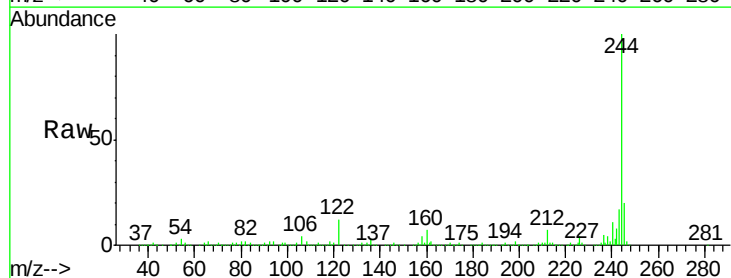
Tgt Ion:244 Resp: 1142741

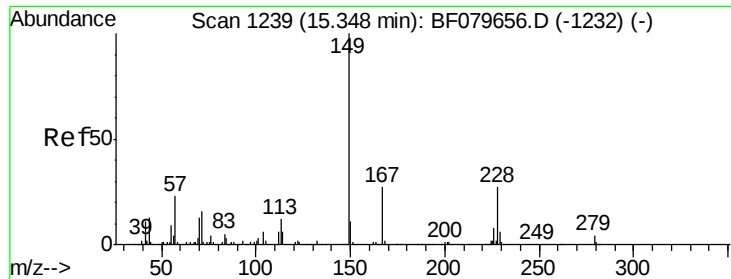
Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 11.6 9.8 14.6

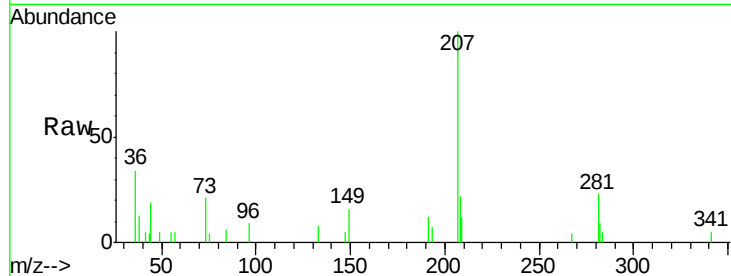




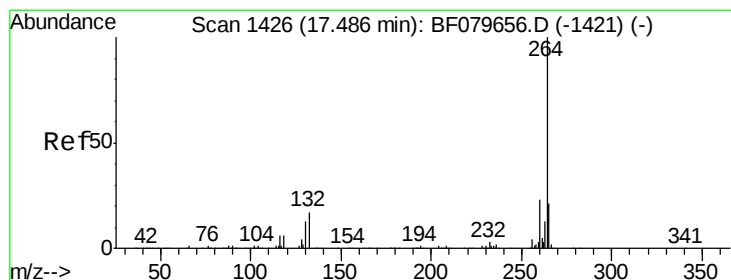
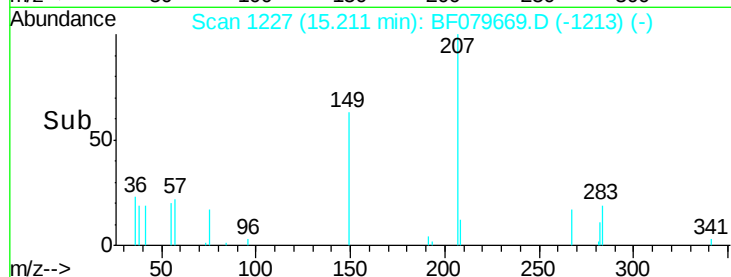
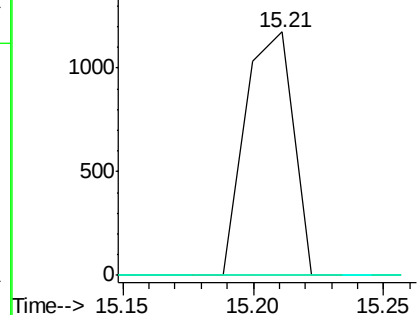
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.33 ng
 RT: 15.21 min Scan# 1227
 Delta R.T. -0.14 min
 Lab File: BF079669.D
 Acq: 3 Jun 2015 18:43

Instrument :
 BNA_F
 ClientSampleId :
 WC-052915

Tgt Ion:149 Resp: 1514
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.6 32.4#
 279 0.0 3.1 4.7#

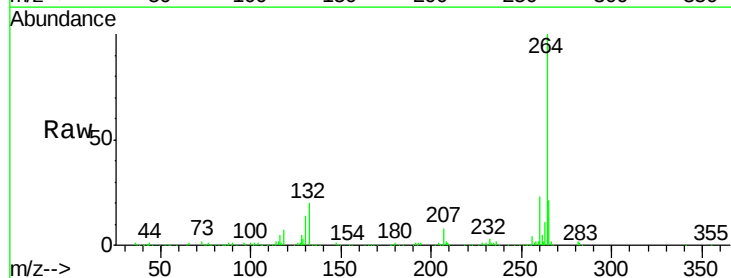


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.29 min Scan# 1409
 Delta R.T. -0.19 min
 Lab File: BF079669.D
 Acq: 3 Jun 2015 18:43

Tgt Ion:264 Resp: 369810
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.8 28.2
 265 21.5 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

