

Data Path : Z:\HPCHEM1\BNA_F\Data\BF060315\
 Data File : BF079663.D
 Acq On : 3 Jun 2015 15:03
 Operator : TP/IZ
 Sample : G2446-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-15000

Quant Time: Jun 03 16:17:55 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	80846	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	312328	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	147481	20.00	ng	0.00
63) Phenanthrene-d10	12.09	188	306358	20.00	ng	-0.05
75) Chrysene-d12	0.00	240	0	0.00	ng	-15.38
86) Perylene-d12	17.25	264	206	20.00	ng	-0.24

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.14	112	218733	49.35	ng	0.00
7) Phenol-d6	7.11	99	184772	30.29	ng	0.00
23) Nitrobenzene-d5	8.07	82	501624	92.50	ng	-0.01
41) 2,4,6-Tribromophenol	11.38	330	111700	91.77	ng	-0.01
44) 2-Fluorobiphenyl	9.88	172	1160985	122.04	ng	0.00
78) Terphenyl-d14	13.74	244	1561252	0.00	ng	-0.22

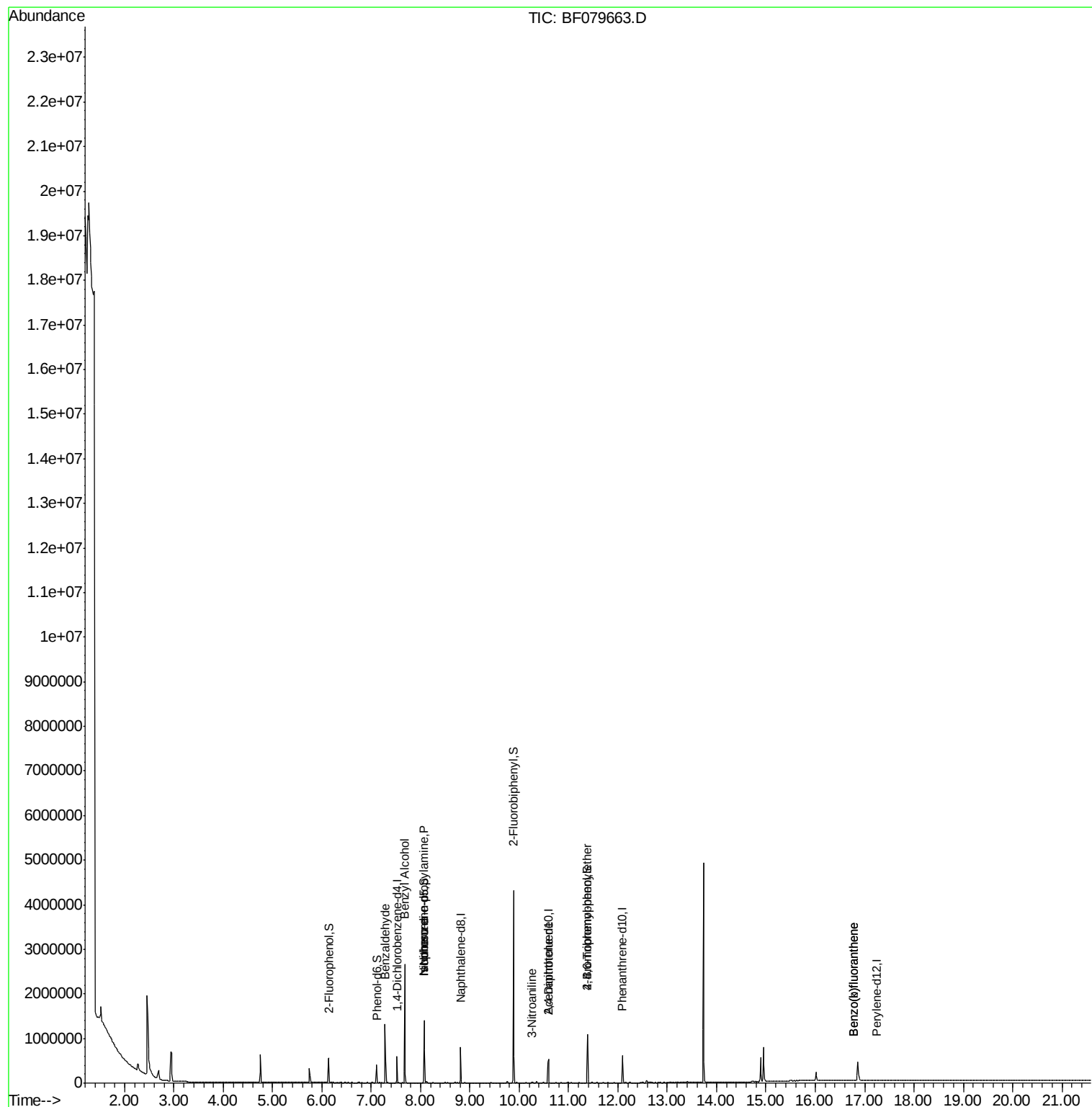
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.28	77	7927	2.34	ng	# 78
15) Benzyl Alcohol	7.68	79	10053	2.36	ng	# 47
19) n-Nitroso-di-n-propylamine	8.07	70	67289	16.79	ng	# 84
25) Isophorone	8.07	82	494691	46.47	ng	# 65
52) 3-Nitroaniline	10.26	138	4960	2.34	ng	# 9
56) 2,4-Dinitrotoluene	10.59	165	18567	12.51	ng	# 30
66) 4-Bromophenyl-phenylether	11.38	248	8343	2.71	ng	# 1
87) Benzo(b)fluoranthene	16.78	252	263	24.71	ng	# 59
88) Benzo(k)fluoranthene	16.78	252	263	21.09	ng	# 60

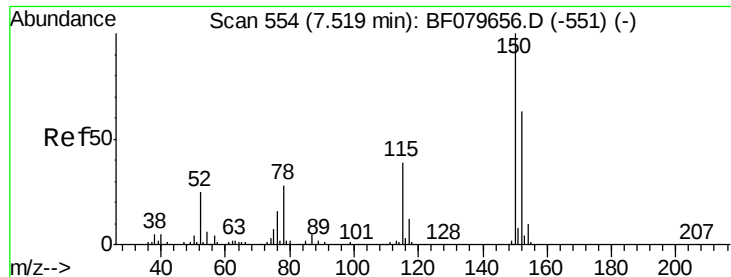
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF079663.D

Acq: 3 Jun 2015 15:03

Instrument :

BNA_F

ClientSampleId :

T-15000

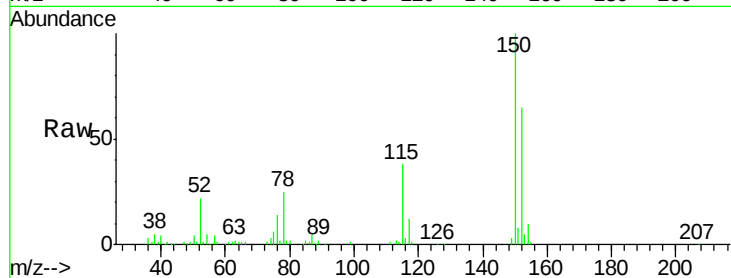
Tgt Ion:152 Resp: 80846

Ion Ratio Lower Upper

152 100

150 154.3 126.7 190.1

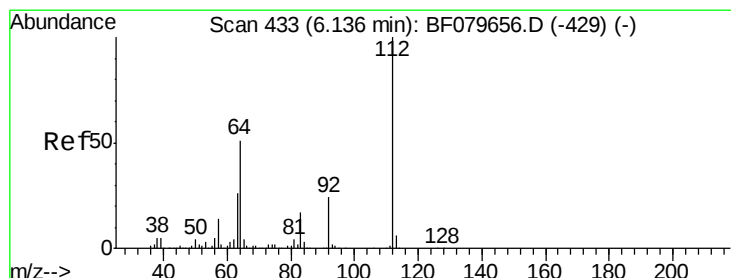
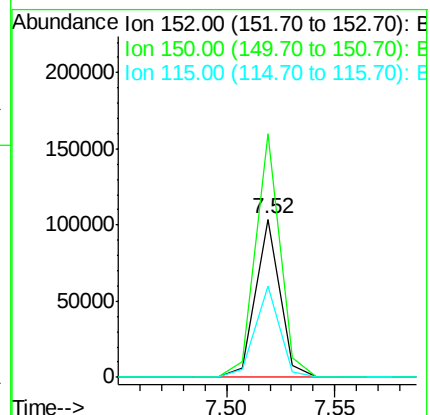
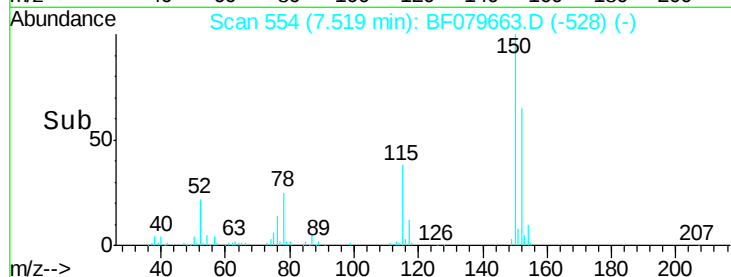
115 58.0 49.2 73.8



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: 49.35 ng

RT: 6.14 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF079663.D

Acq: 3 Jun 2015 15:03

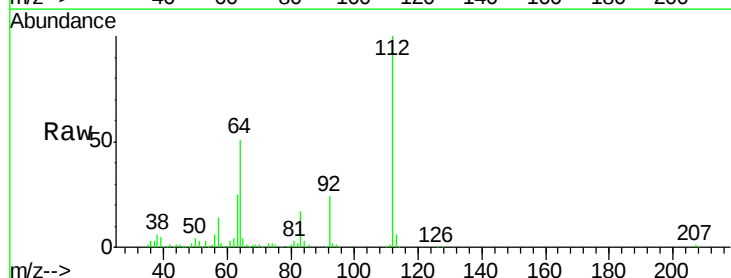
Tgt Ion:112 Resp: 218733

Ion Ratio Lower Upper

112 100

64 50.8 41.1 61.7

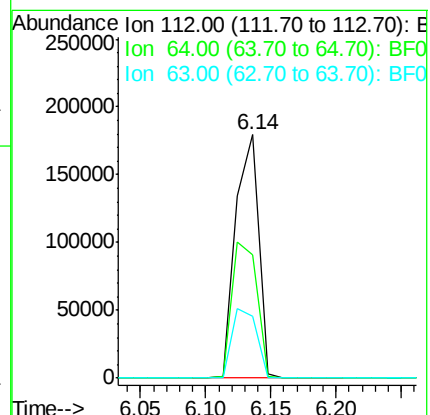
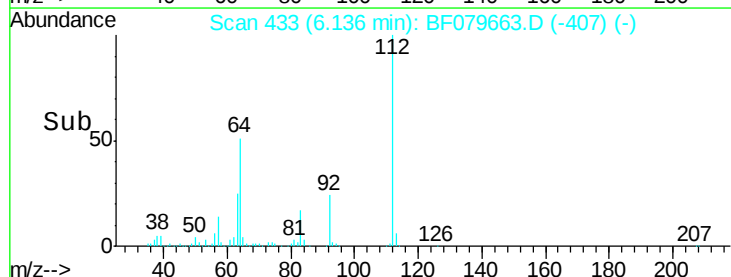
63 25.5 20.5 30.7



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: 30.29 ng

RT: 7.11 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF079663.D

Acq: 3 Jun 2015 15:03

Instrument :

BNA_F

ClientSampleId :

T-15000

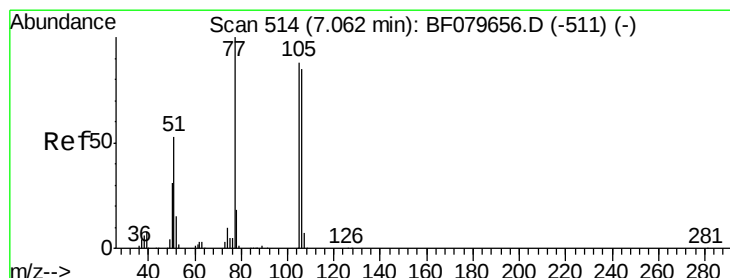
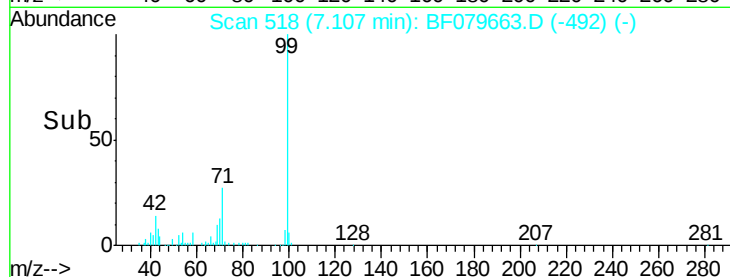
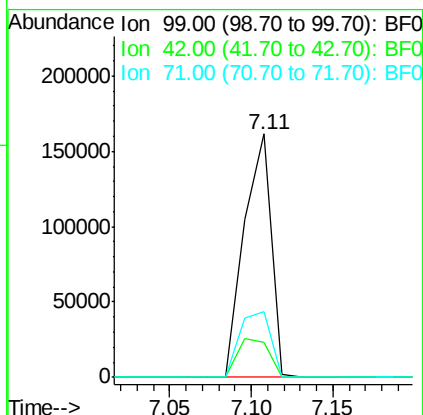
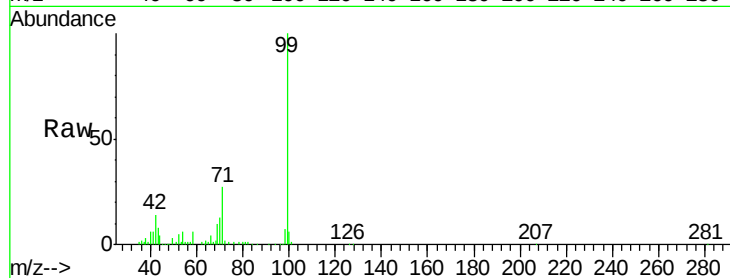
Tgt Ion: 99 Resp: 184772

Ion Ratio Lower Upper

99 100

42 14.2 15.2 22.8#

71 27.1 25.9 38.9



#9

Benzaldehyde

Concen: 2.34 ng

RT: 7.28 min Scan# 533

Delta R.T. 0.22 min

Lab File: BF079663.D

Acq: 3 Jun 2015 15:03

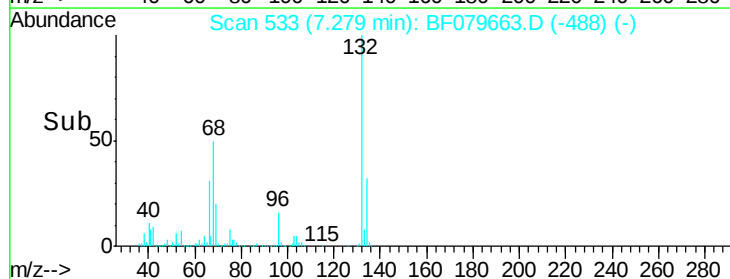
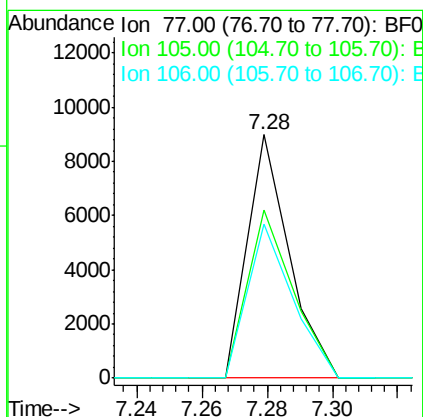
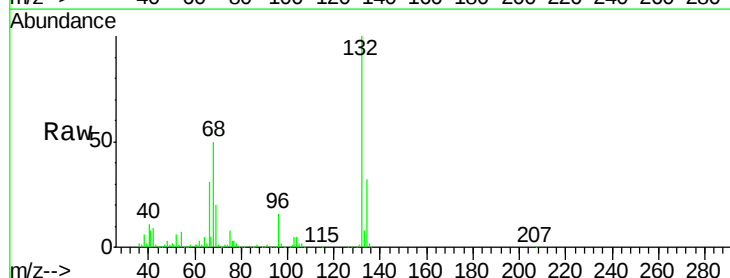
Tgt Ion: 77 Resp: 7927

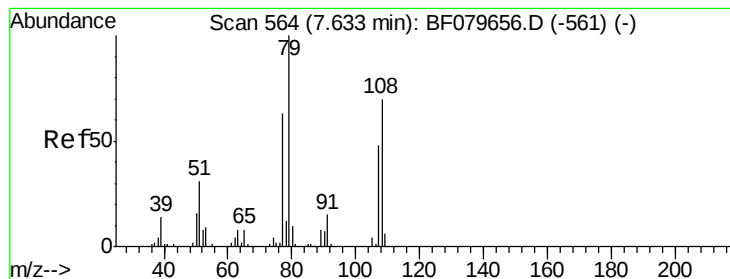
Ion Ratio Lower Upper

77 100

105 69.1 68.2 108.2

106 63.3 64.9 104.9#





#15

Benzyl Alcohol

Concen: 2.36 ng

RT: 7.68 min Scan# 568

Delta R.T. 0.05 min

Lab File: BF079663.D

Acq: 3 Jun 2015 15:03

Instrument :

BNA_F

ClientSampleId :

T-15000

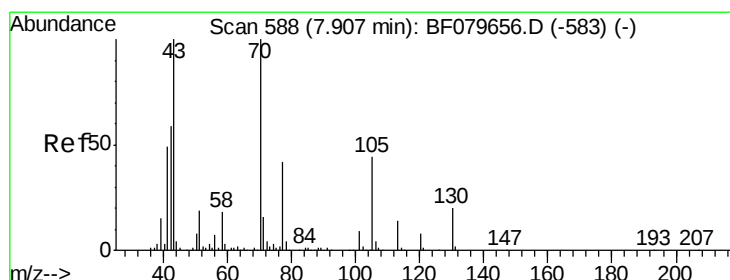
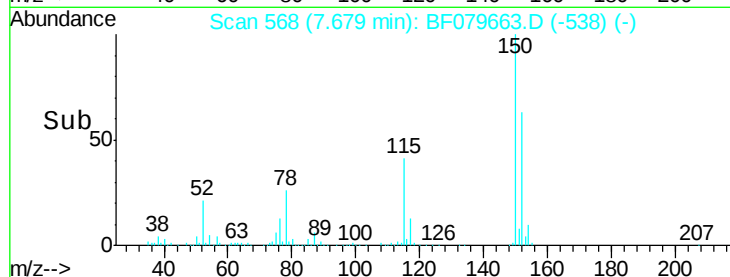
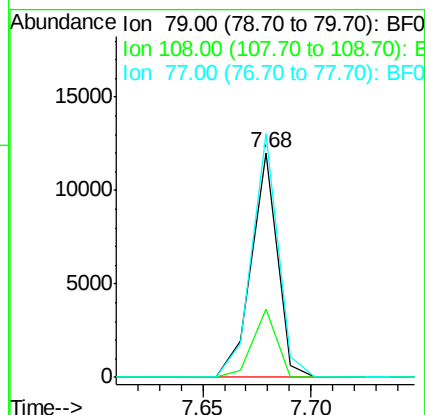
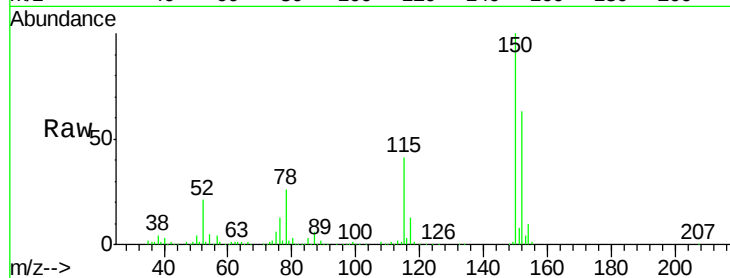
Tgt Ion: 79 Resp: 10053

Ion Ratio Lower Upper

79 100

108 30.2 56.2 84.4#

77 108.2 50.7 76.1#



#19

n-Nitroso-di-n-propylamine

Concen: 16.79 ng

RT: 8.07 min Scan# 602

Delta R.T. 0.16 min

Lab File: BF079663.D

Acq: 3 Jun 2015 15:03

Tgt Ion: 70 Resp: 67289

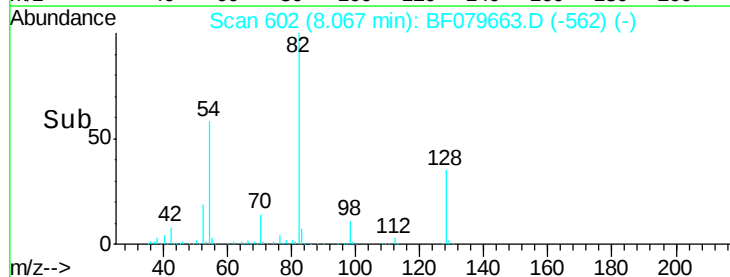
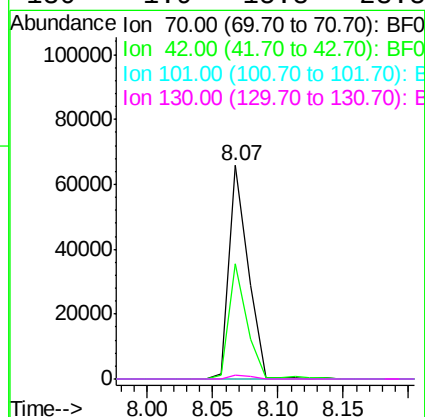
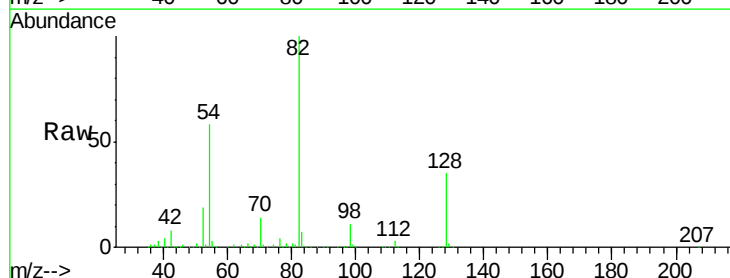
Ion Ratio Lower Upper

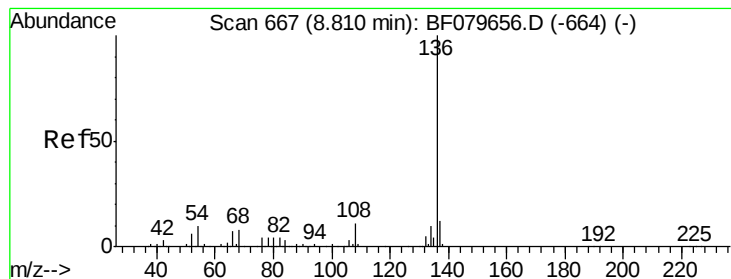
70 100

42 54.2 47.7 71.5

101 0.0 7.4 11.0#

130 1.9 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: BF079663.D

Acq: 3 Jun 2015 15:03

Instrument :

BNA_F

ClientSampleId :

T-15000

Tgt Ion:136 Resp: 312328

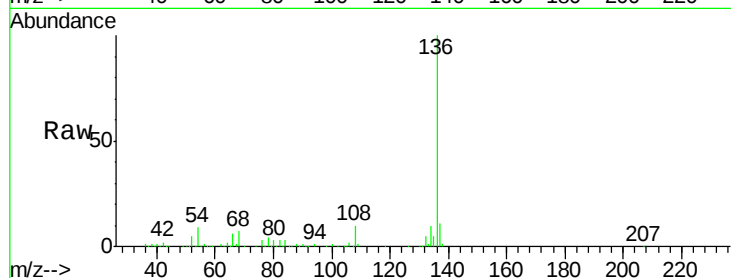
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 8.7 8.3 12.5

68 6.6 6.1 9.1

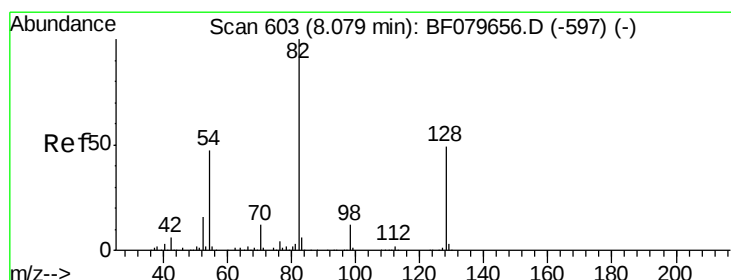
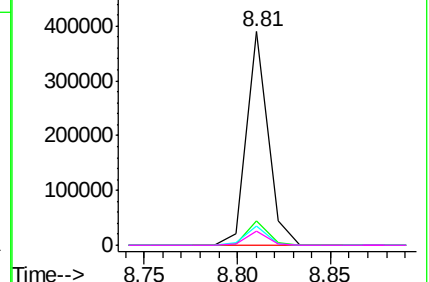
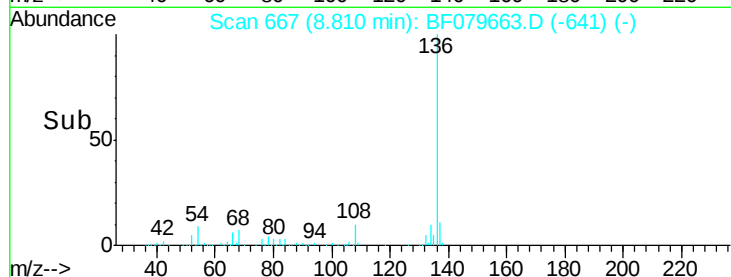


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.50 ng

RT: 8.07 min Scan# 602

Delta R.T. -0.01 min

Lab File: BF079663.D

Acq: 3 Jun 2015 15:03

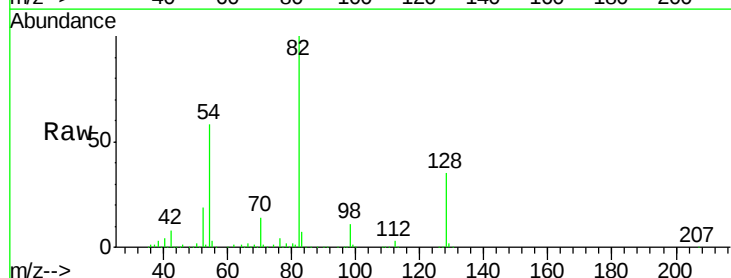
Tgt Ion: 82 Resp: 501624

Ion Ratio Lower Upper

82 100

128 34.8 39.4 59.0#

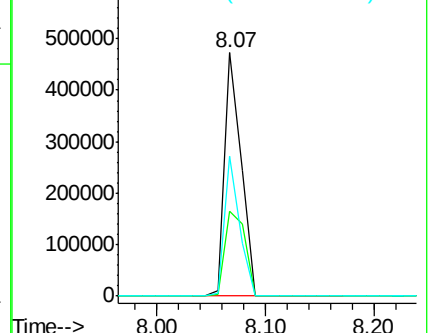
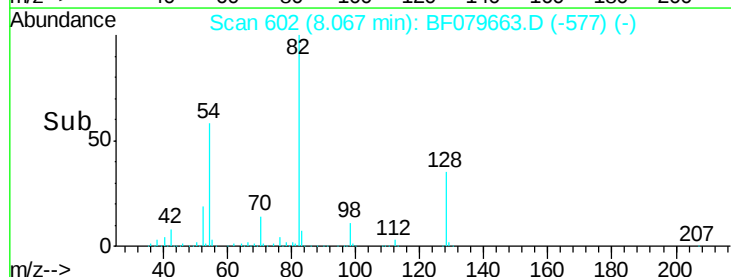
54 57.7 37.4 56.0#

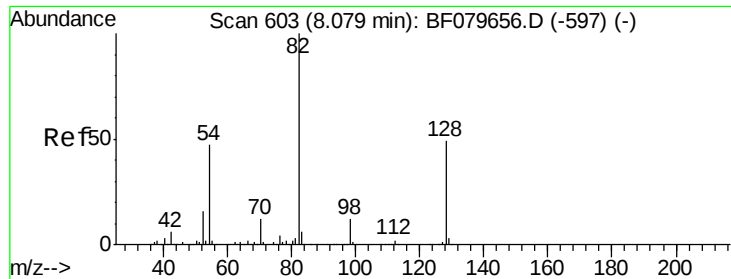


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 46.47 ng

RT: 8.07 min Scan# 602

Delta R.T. -0.26 min

Lab File: BF079663.D

Acq: 3 Jun 2015 15:03

Instrument :

BNA_F

ClientSampleId :

T-15000

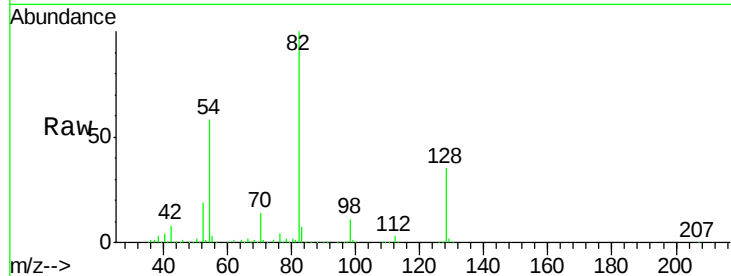
Tgt Ion: 82 Resp: 494691

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

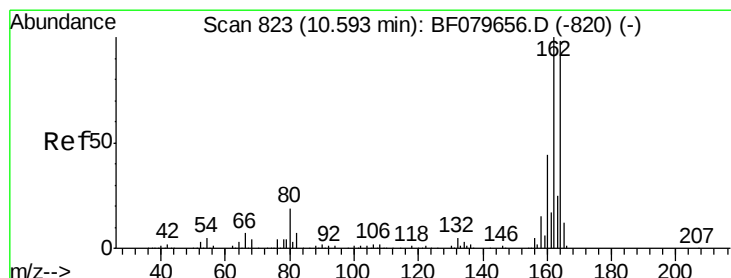
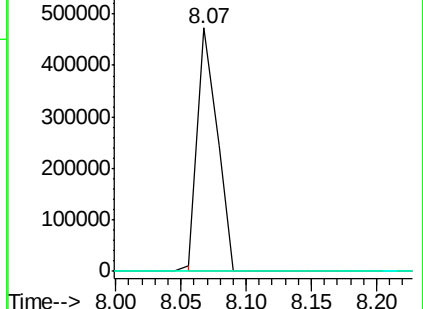
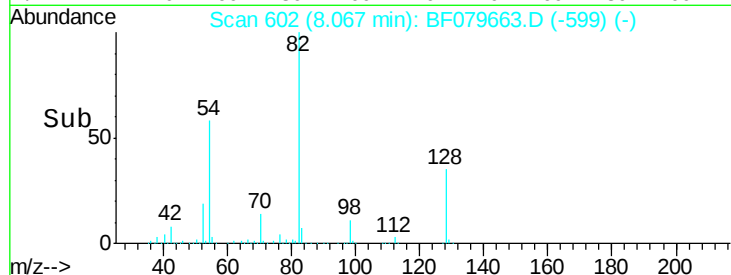
138 0.0 14.4 21.6#



Abundance Ion 82.00 (81.70 to 82.70): BF079663.D (-599) (-)

Ion 95.00 (94.70 to 95.70): BF079663.D (-599) (-)

Ion 138.00 (137.70 to 138.70): BF079663.D (-599) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.59 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF079663.D

Acq: 3 Jun 2015 15:03

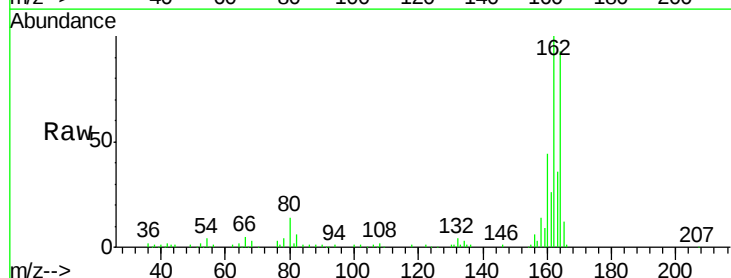
Tgt Ion: 164 Resp: 147481

Ion Ratio Lower Upper

164 100

162 108.0 82.0 123.0

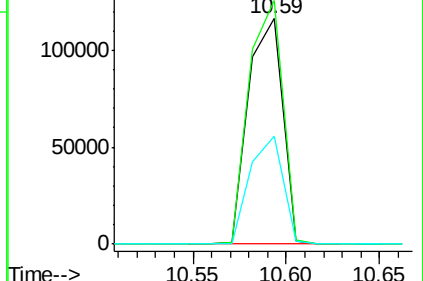
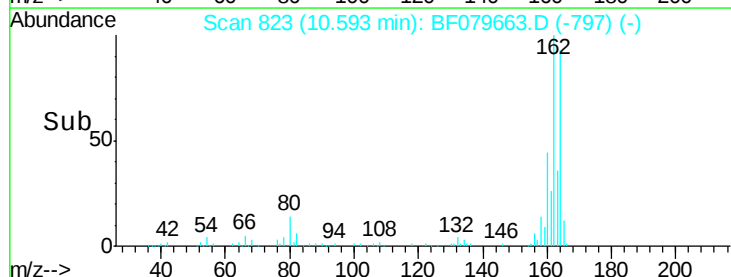
160 47.7 35.9 53.9

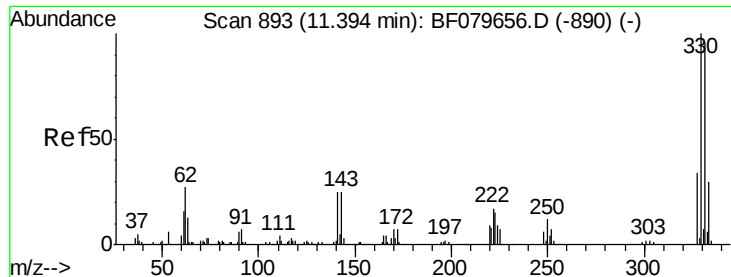


Abundance Ion 164.00 (163.70 to 164.70): BF079663.D (-797) (-)

Ion 162.00 (161.70 to 162.70): BF079663.D (-797) (-)

Ion 160.00 (159.70 to 160.70): BF079663.D (-797) (-)

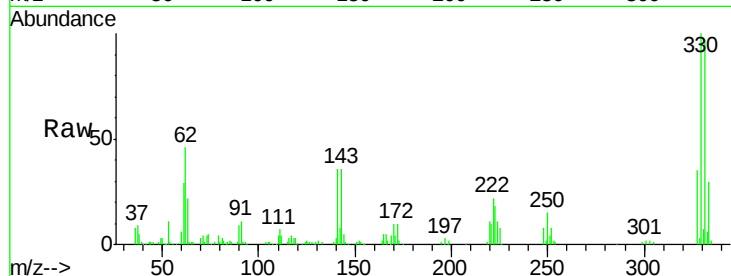




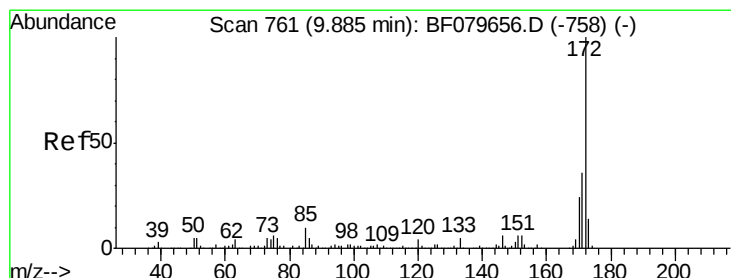
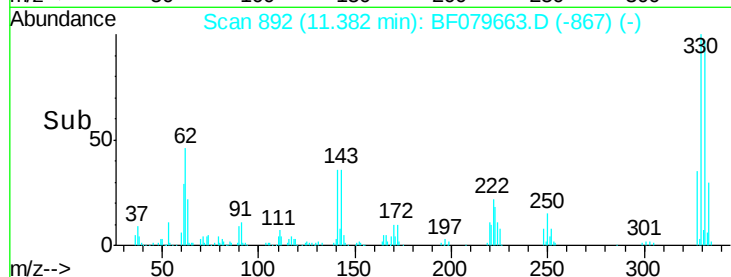
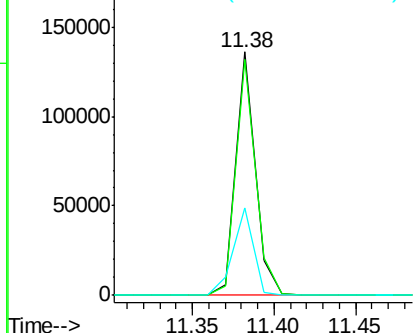
#41
 2,4,6-Tribromophenol
 Concen: 91.77 ng
 RT: 11.38 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF079663.D
 Acq: 3 Jun 2015 15:03

Instrument :
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 T-15000

Tgt Ion:330 Resp: 111700
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.3 115.9
 141 37.7 27.4 41.2

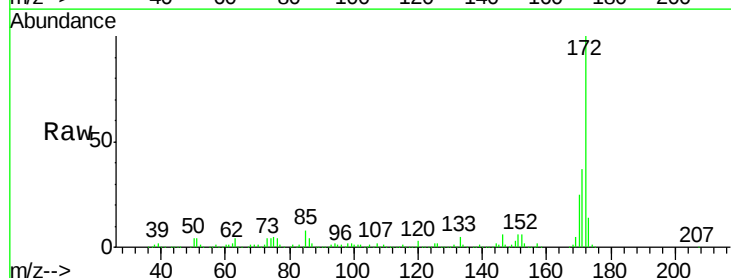


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

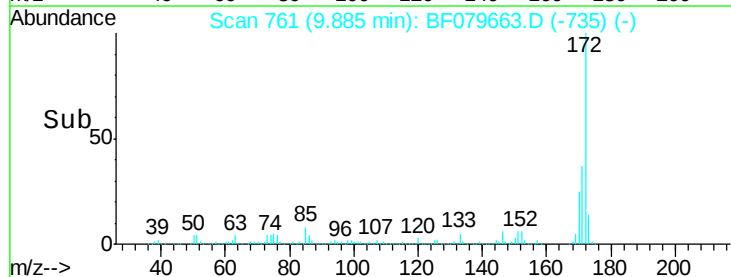
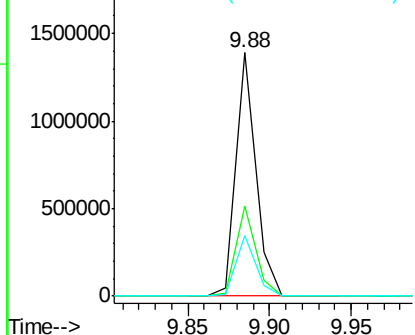


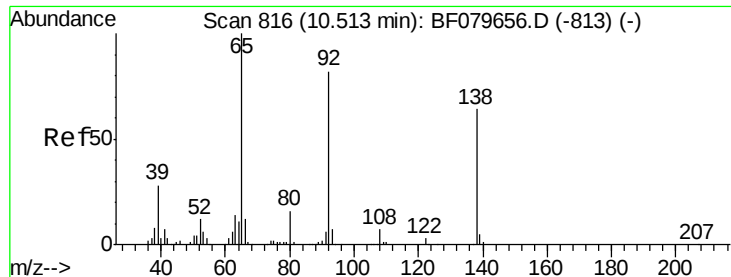
#44
 2-Fluorobiphenyl
 Concen: 122.04 ng
 RT: 9.88 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF079663.D
 Acq: 3 Jun 2015 15:03

Tgt Ion:172 Resp: 1160985
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.8 43.2
 170 25.1 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





#52

3-Nitroaniline

Concen: 2.34 ng

RT: 10.26 min Scan# 794

Delta R.T. -0.25 min

Lab File: BF079663.D

Acq: 3 Jun 2015 15:03

Instrument :

BNA_F

ClientSampleId :

T-15000

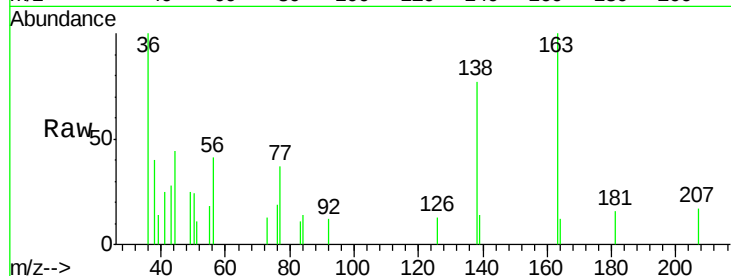
Tgt Ion:138 Resp: 4960

Ion Ratio Lower Upper

138 100

108 0.0 9.1 13.7#

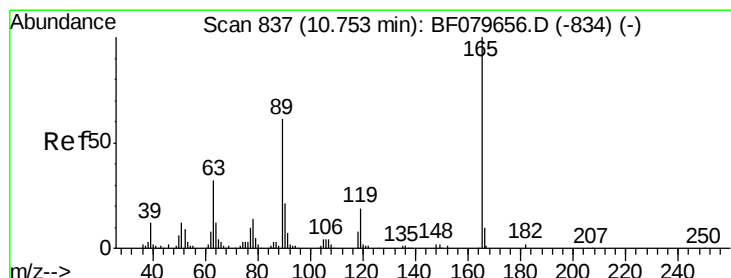
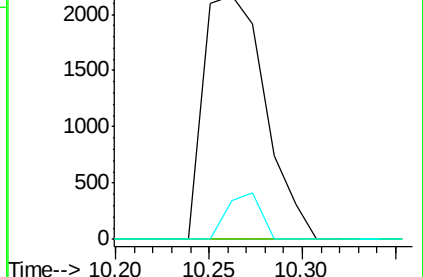
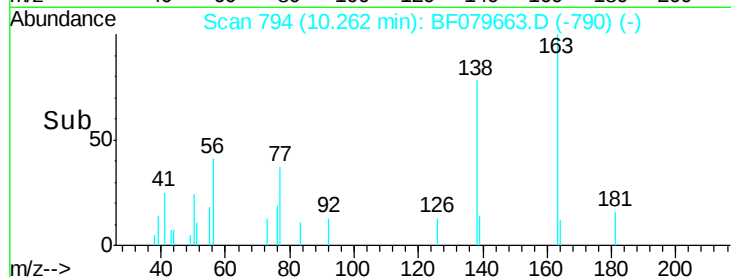
92 16.1 101.4 152.2#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#56

2,4-Dinitrotoluene

Concen: 12.51 ng

RT: 10.59 min Scan# 823

Delta R.T. -0.16 min

Lab File: BF079663.D

Acq: 3 Jun 2015 15:03

Tgt Ion:165 Resp: 18567

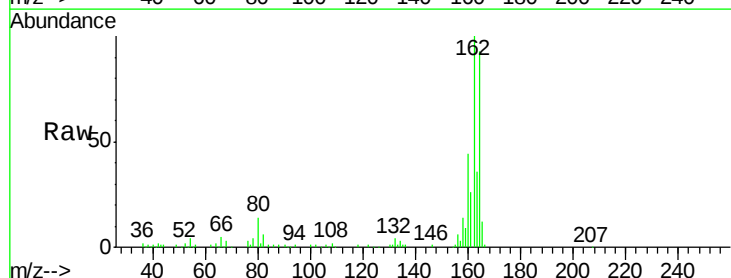
Ion Ratio Lower Upper

165 100

63 0.0 25.5 38.3#

89 0.0 48.5 72.7#

182 0.0 1.9 2.9#

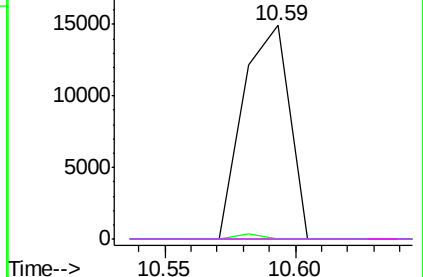
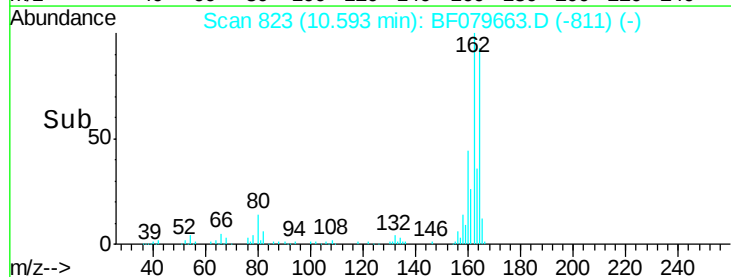


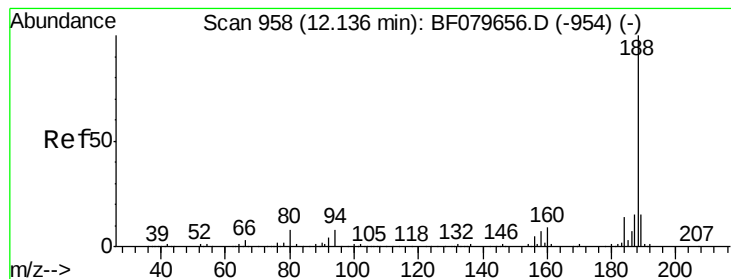
Abundance Ion 165.00 (164.70 to 165.70): E

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: 12.09 min Scan# 954

Delta R.T. -0.05 min

Lab File: BF079663.D

Acq: 3 Jun 2015 15:03

Instrument :

BNA_F

ClientSampleId :

T-15000

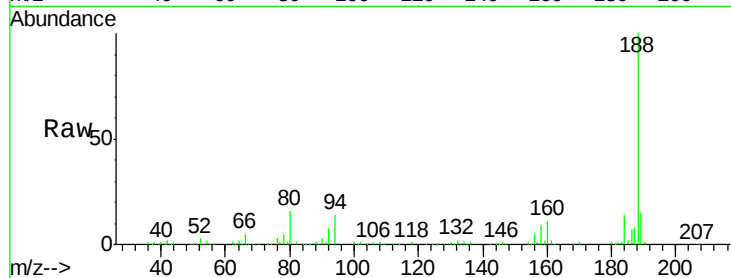
Tgt Ion:188 Resp: 306358

Ion Ratio Lower Upper

188 100

94 14.1 6.1 9.1#

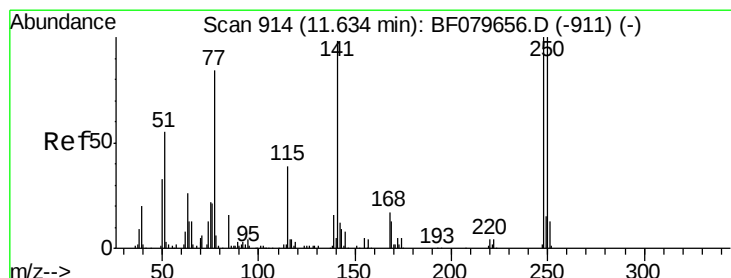
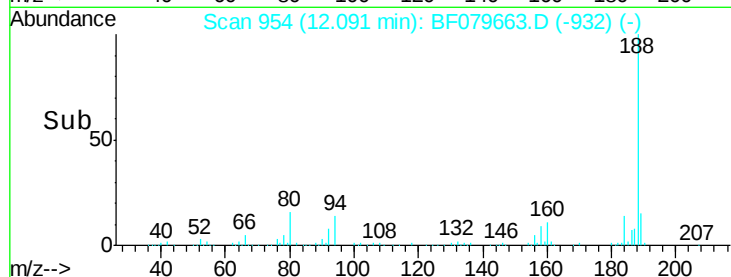
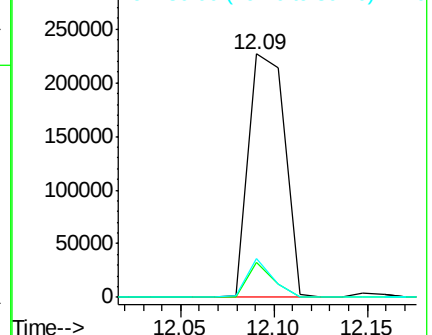
80 15.9 6.2 9.2#



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: 2.71 ng

RT: 11.38 min Scan# 892

Delta R.T. -0.25 min

Lab File: BF079663.D

Acq: 3 Jun 2015 15:03

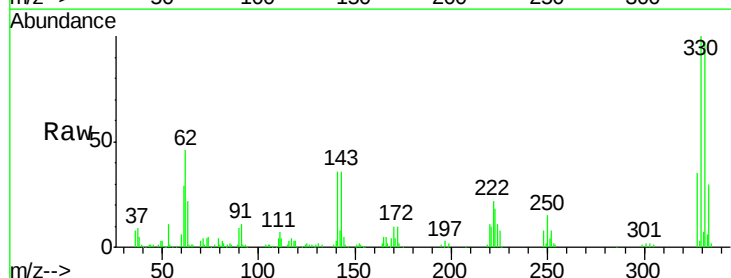
Tgt Ion:248 Resp: 8343

Ion Ratio Lower Upper

248 100

250 188.4 80.0 120.0#

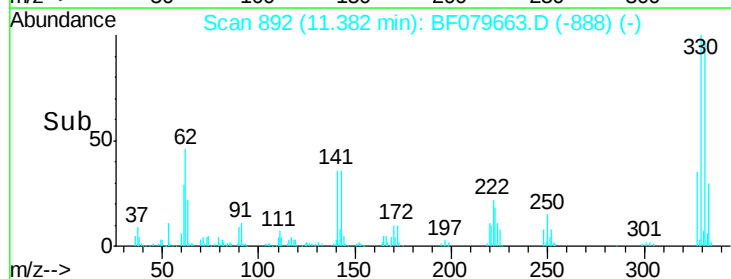
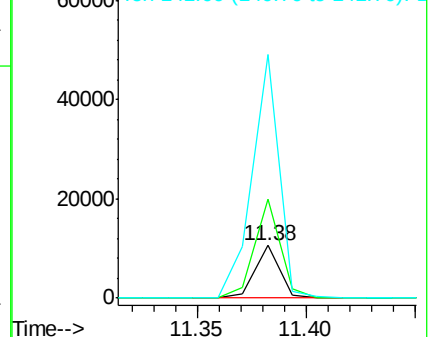
141 462.7 78.8 118.2#

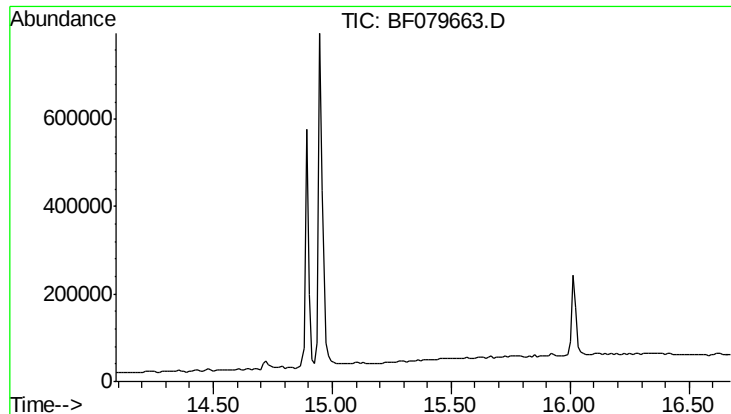


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 0.00 ng

Expected RT: 15.38 min

Lab File: BF079663.D

Acq: 3 Jun 2015 15:03

Instrument :

BNA_F

ClientSampleId :

T-15000

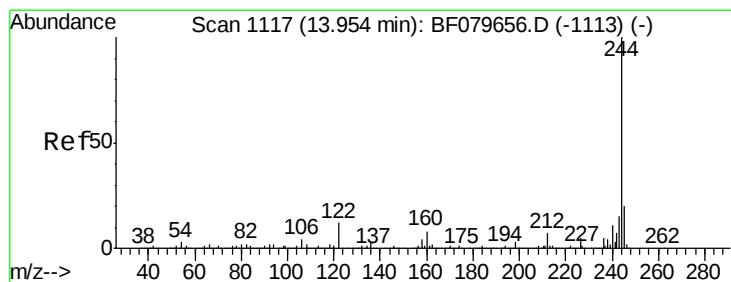
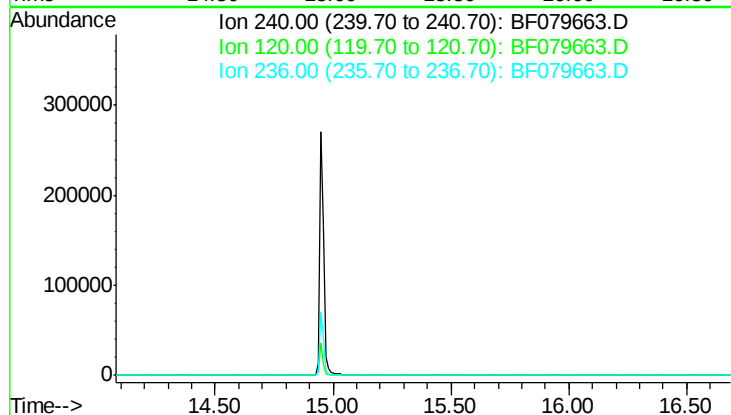
Tgt Ion: 240

Sig Exp Ratio

240 100

120 8.0

236 25.3



#78

Terphenyl-d14

Concen: 0.00 ng

RT: 13.74 min Scan# 1098

Delta R.T. -0.22 min

Lab File: BF079663.D

Acq: 3 Jun 2015 15:03

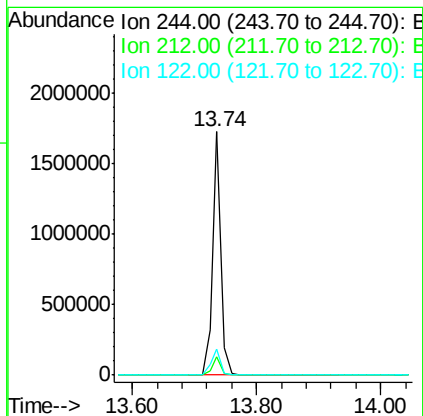
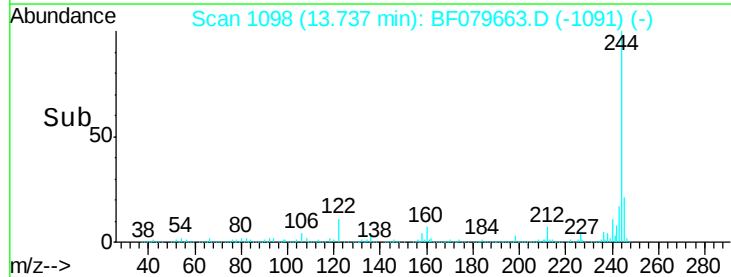
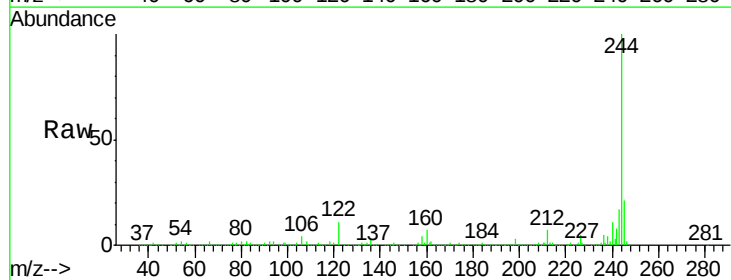
Tgt Ion: 244 Resp: 1561252

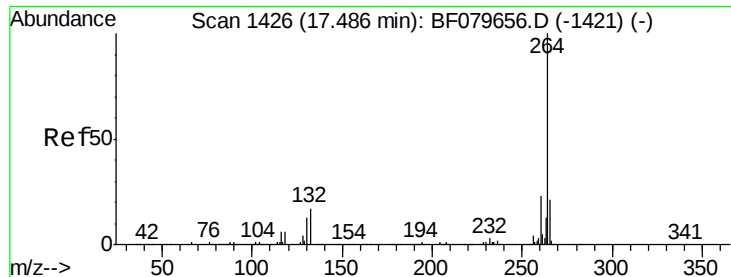
Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 10.8 9.8 14.6





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.25 min Scan# 1405

Delta R.T. -0.24 min

Lab File: BF079663.D

Acq: 3 Jun 2015 15:03

Instrument :

BNA_F

ClientSampleId :

T-15000

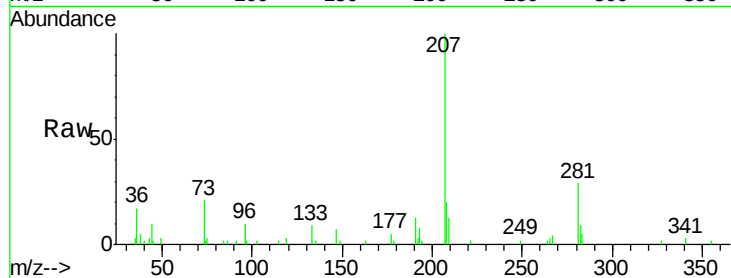
Tgt Ion:264 Resp: 206

Ion Ratio Lower Upper

264 100

260 0.0 18.8 28.2#

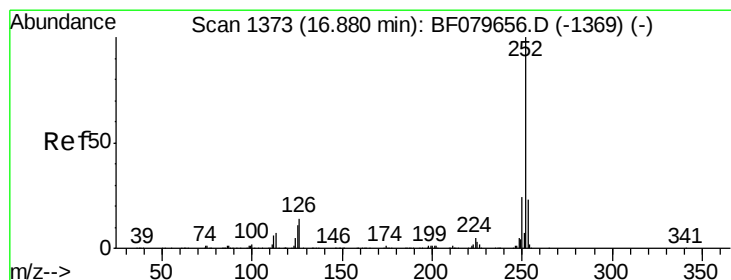
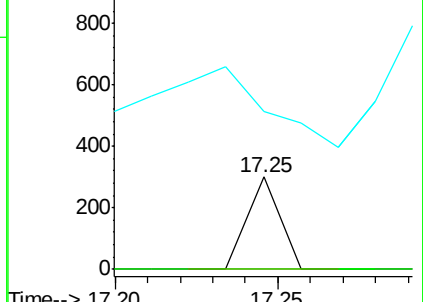
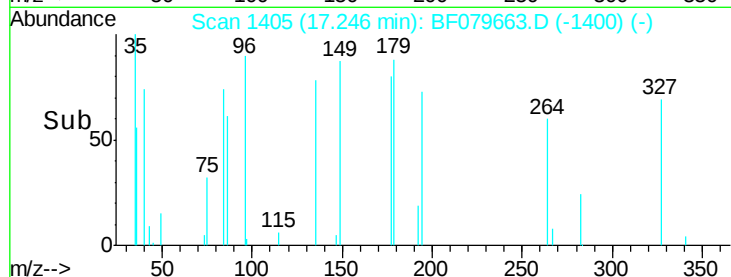
265 171.7 17.4 26.0#



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



#87

Benzo(b)fluoranthene

Concen: 24.71 ng

RT: 16.78 min Scan# 1364

Delta R.T. -0.10 min

Lab File: BF079663.D

Acq: 3 Jun 2015 15:03

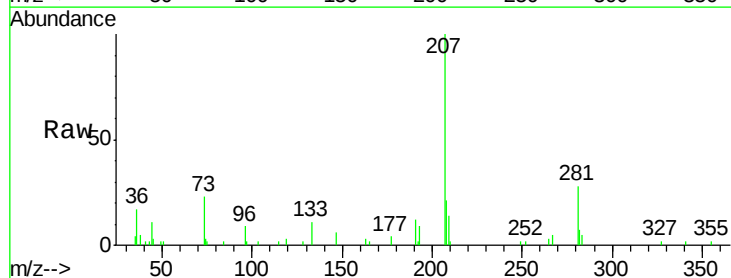
Tgt Ion:252 Resp: 263

Ion Ratio Lower Upper

252 100

253 0.0 18.0 27.0#

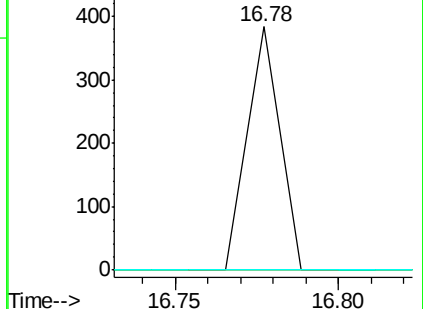
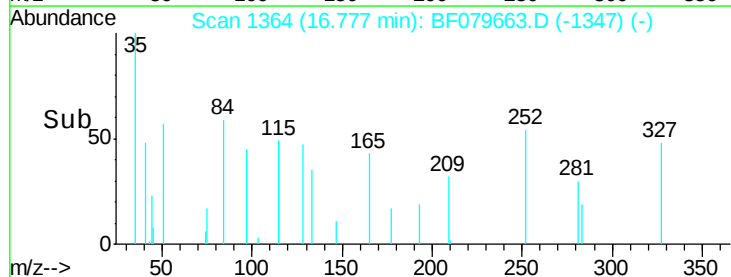
125 0.0 8.7 13.1#

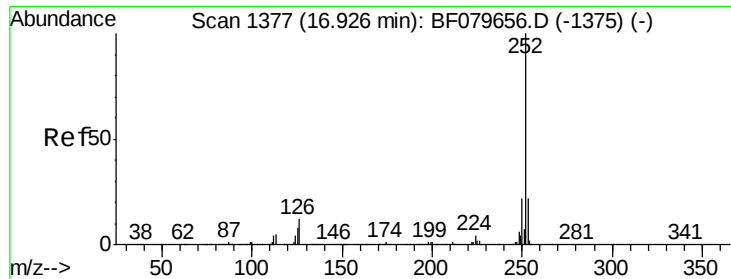


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 21.09 ng

RT: 16.78 min Scan# 1364

Delta R.T. -0.15 min

Lab File: BF079663.D

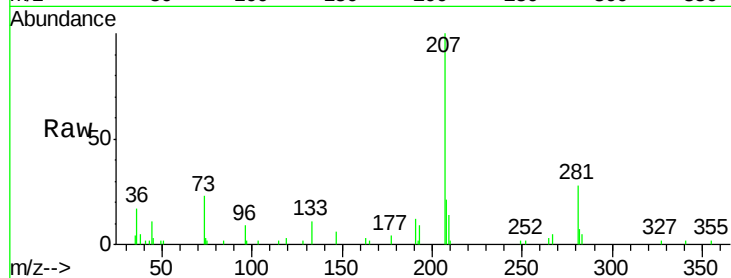
Acq: 3 Jun 2015 15:03

Instrument :

BNA_F

ClientSampleId :

T-15000



Tgt Ion: 252 Resp: 263

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.2#

125 0.0 7.1 10.7#

