

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060315\
 Data File : BF079687.D
 Acq On : 4 Jun 2015 4:57
 Operator : TP/IZ
 Sample : G2408-26
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14S

Quant Time: Jun 04 05:37:58 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

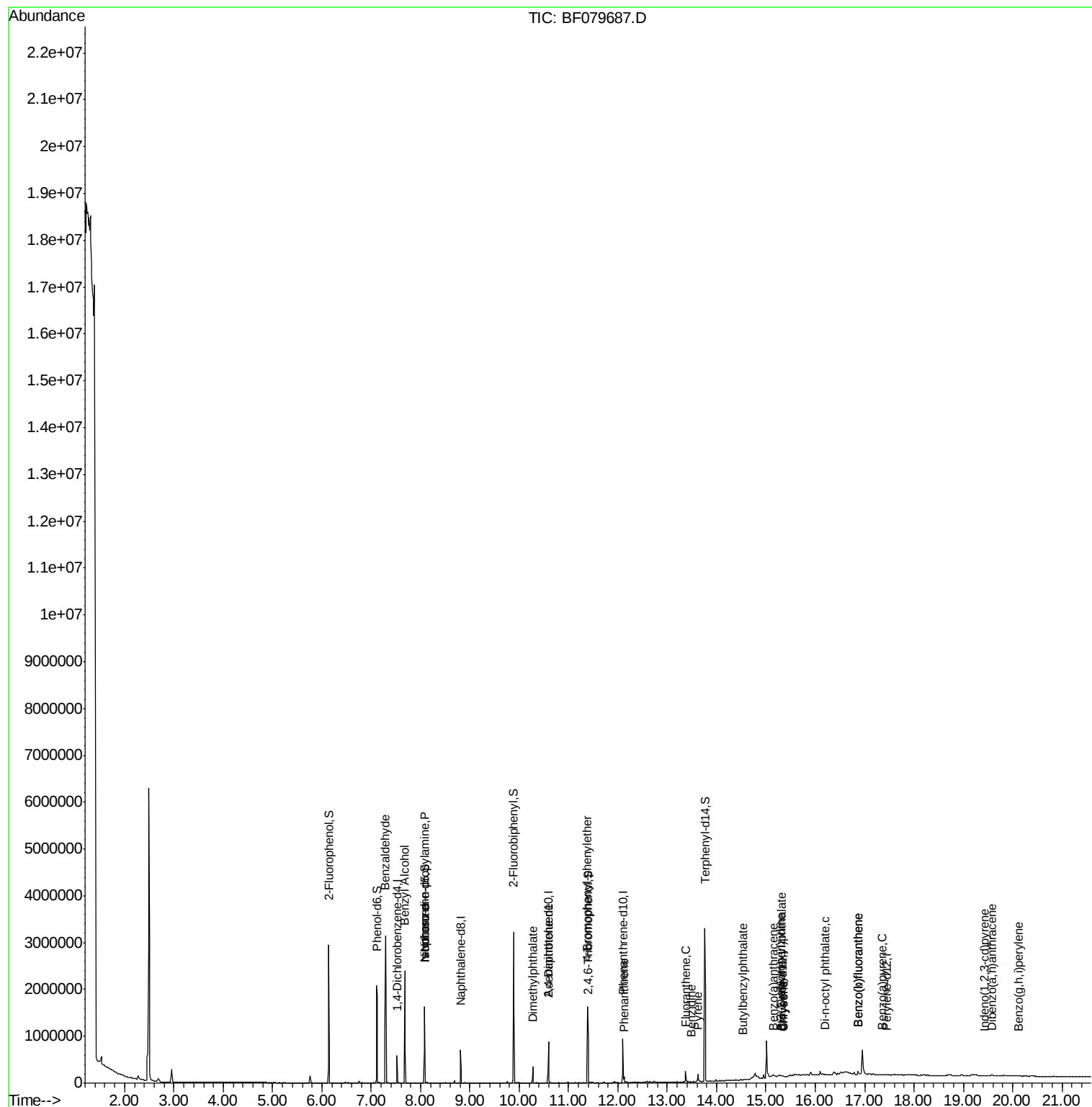
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	84983	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	325598	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	171765	20.00	ng	0.00
63) Phenanthrene-d10	12.10	188	332666	20.00	ng	-0.03
75) Chrysene-d12	15.34	240	1528	20.00	ng	-0.05
86) Perylene-d12	17.45	264	451	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	737563	157.05	ng	0.00
7) Phenol-d6	7.12	99	1008874	165.76	ng	0.01
23) Nitrobenzene-d5	8.08	82	544231	95.77	ng	0.00
41) 2,4,6-Tribromophenol	11.39	330	226752	159.95	ng	0.00
44) 2-Fluorobiphenyl	9.88	172	1168790	104.53	ng	0.00
78) Terphenyl-d14	13.76	244	1304027	22925.32	ng	-0.19
Target Compounds						Qvalue
9) Benzaldehyde	7.29	77	19167	5.37	ng	92
15) Benzyl Alcohol	7.68	79	11149	2.48	ng	# 50
19) n-Nitroso-di-n-propylamine	8.08	70	71695	17.02	ng	# 76
25) Isophorone	8.08	82	543193	48.95	ng	# 65
49) Dimethylphthalate	10.27	163	132517	10.53	ng	99
56) 2,4-Dinitrotoluene	10.59	165	21959	12.66	ng	# 32
66) 4-Bromophenyl-phenylether	11.38	248	14751	4.42	ng	# 1
70) Phenanthrene	12.13	178	44550	2.42	ng	96
74) Fluoranthene	13.37	202	90146	4.55	ng	98
76) Benzidine	13.49	184	1571	45.20	ng	# 67
77) Pyrene	13.62	202	81615	927.66	ng	96
79) Butylbenzylphthalate	14.53	149	483	18.85	ng	# 80
80) Benzo(a)anthracene	15.15	228	6606	79.06	ng	# 54
81) 3,3'-Dichlorobenzidine	15.29	252	206	8.25	ng	# 1
82) Chrysene	15.36	228	260	3.09	ng	# 1
83) Bis(2-ethylhexyl)phthalate	15.31	149	1897	38.52	ng	# 96
84) Di-n-octyl phthalate	16.19	149	877	14.89	ng	# 1
85) Indeno(1,2,3-cd)pyrene	19.44	276	1265	15.39	ng	# 49
87) Benzo(b)fluoranthene	16.87	252	38855	1667.18	ng	97
88) Benzo(k)fluoranthene	16.87	252	38855	1422.98	ng	# 95
89) Benzo(a)pyrene	17.36	252	540	23.70	ng	# 1
90) Dibenzo(a,h)anthracene	19.58	278	864	40.46	ng	# 1
91) Benzo(g,h,i)perylene	20.13	276	268	11.83	ng	# 53

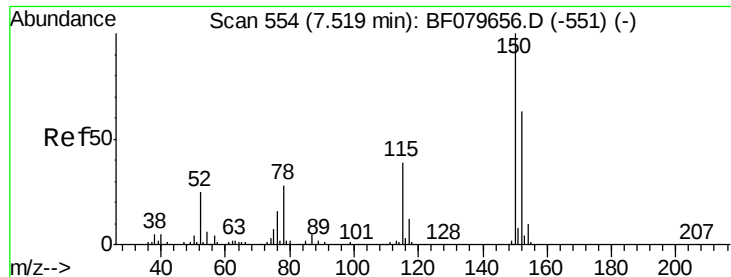
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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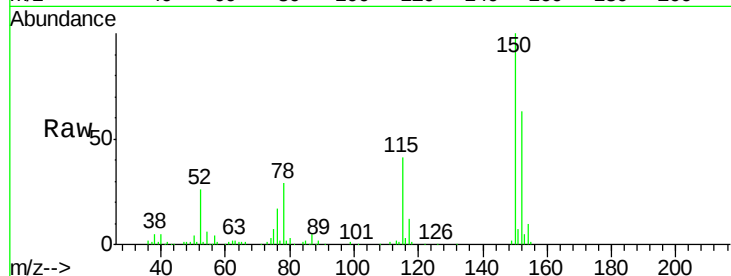


#1

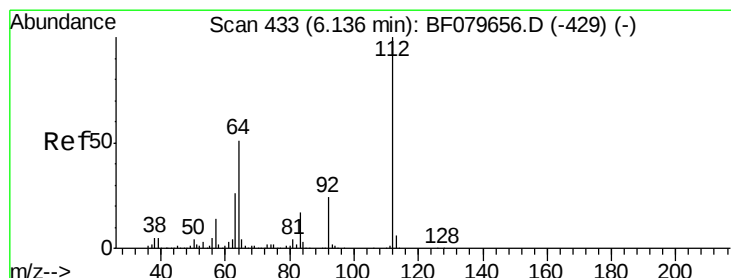
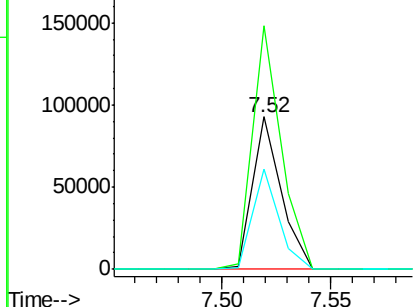
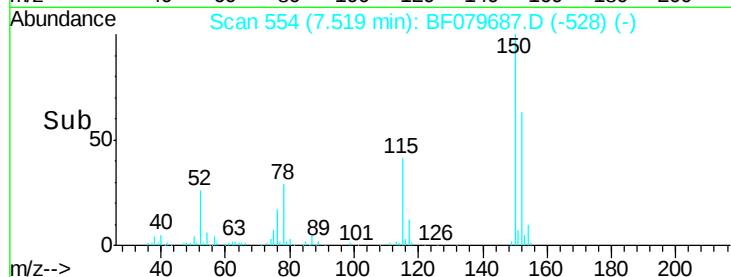
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF079687.D
Acq: 4 Jun 2015 4:57

Instrument :
BNA_F
ClientSampleId :
SB-14S

Tgt Ion:152 Resp: 84983
Ion Ratio Lower Upper
152 100
150 159.5 126.7 190.1
115 65.8 49.2 73.8



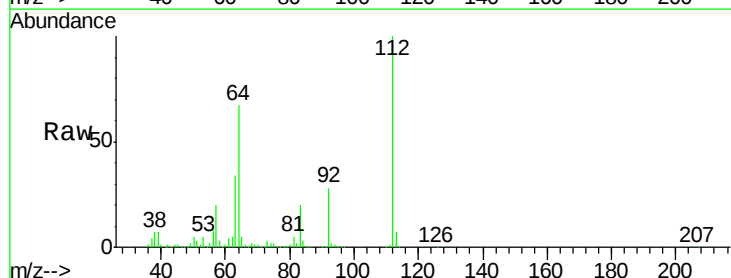
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



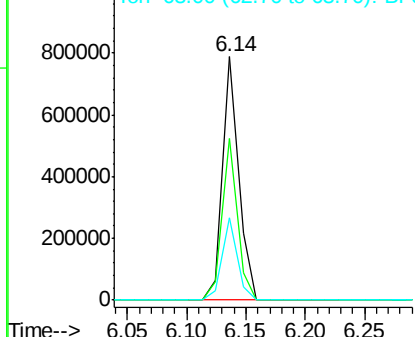
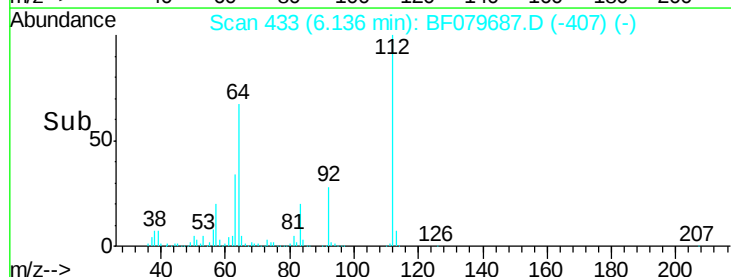
#5

2-Fluorophenol
Concen: 157.05 ng
RT: 6.14 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF079687.D
Acq: 4 Jun 2015 4:57

Tgt Ion:112 Resp: 737563
Ion Ratio Lower Upper
112 100
64 66.6 41.1 61.7#
63 33.9 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: 165.76 ng

RT: 7.12 min Scan# 519

Delta R.T. 0.01 min

Lab File: BF079687.D

Acq: 4 Jun 2015 4:57

Instrument :

BNA_F

ClientSampleId :

SB-14S

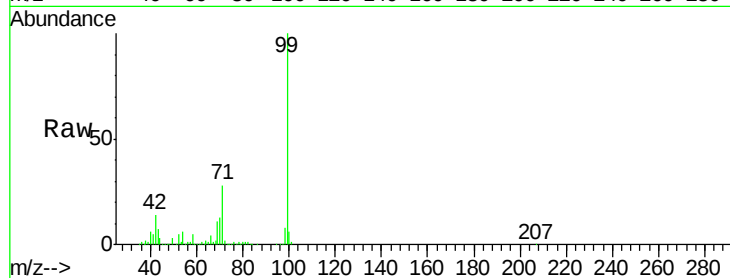
Tgt Ion: 99 Resp: 1008874

Ion Ratio Lower Upper

99 100

42 14.0 15.2 22.8#

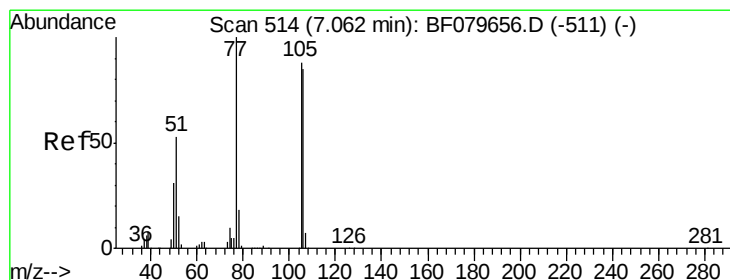
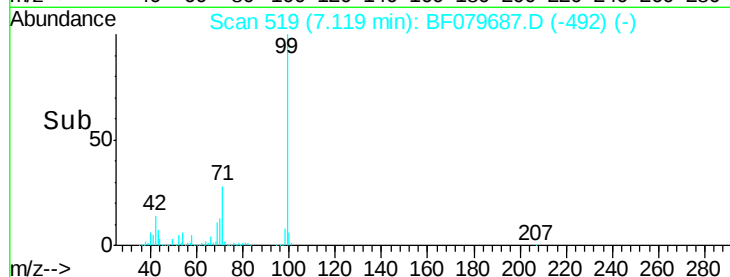
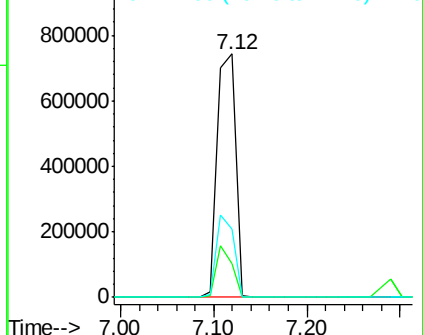
71 28.3 25.9 38.9



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



#9

Benzaldehyde

Concen: 5.37 ng

RT: 7.29 min Scan# 534

Delta R.T. 0.23 min

Lab File: BF079687.D

Acq: 4 Jun 2015 4:57

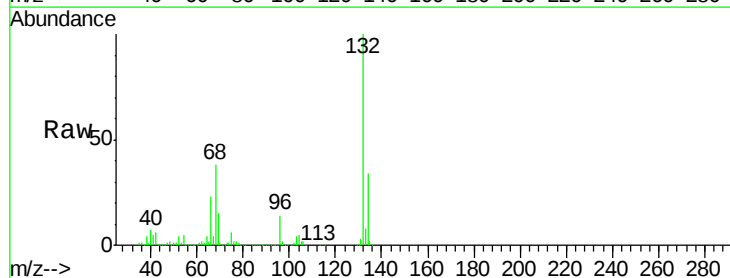
Tgt Ion: 77 Resp: 19167

Ion Ratio Lower Upper

77 100

105 83.6 68.2 108.2

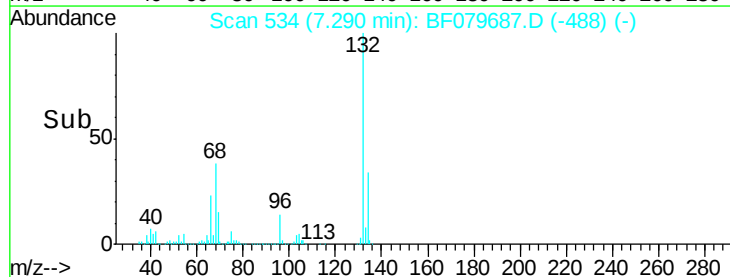
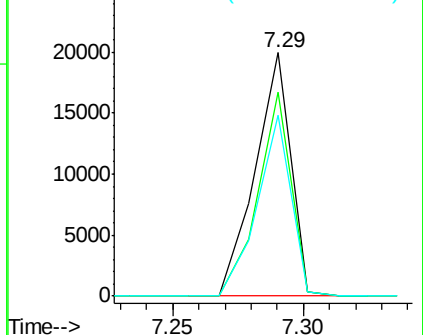
106 74.4 64.9 104.9

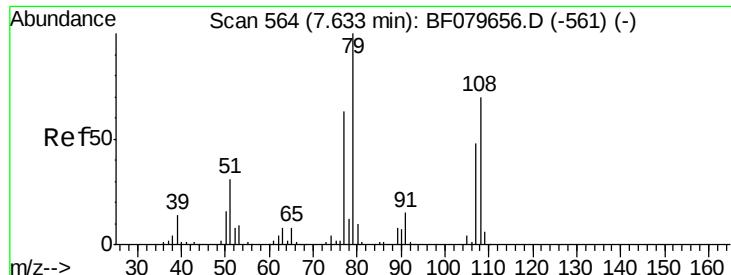


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.48 ng

RT: 7.68 min Scan# 568

Delta R.T. 0.05 min

Lab File: BF079687.D

Acq: 4 Jun 2015 4:57

Instrument :

BNA_F

ClientSampleId :

SB-14S

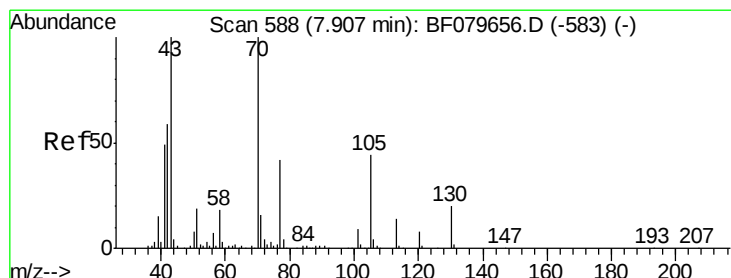
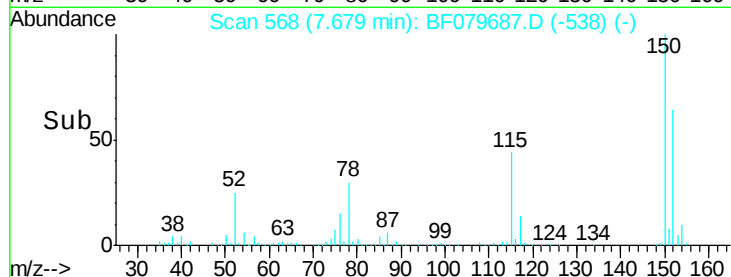
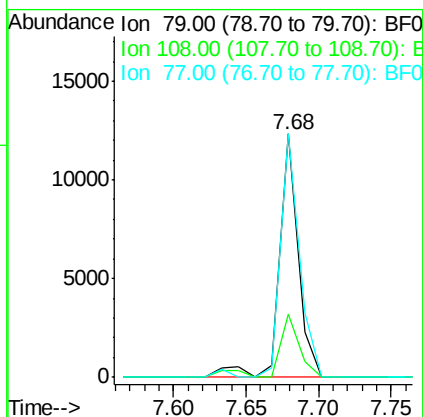
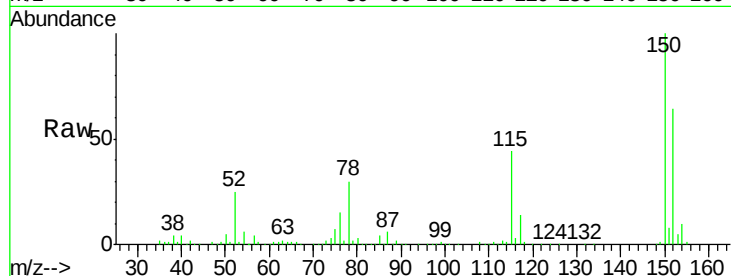
Tgt Ion: 79 Resp: 11149

Ion Ratio Lower Upper

79 100

108 26.2 56.2 84.4#

77 99.9 50.7 76.1#



#19

n-Nitroso-di-n-propylamine

Concen: 17.02 ng

RT: 8.08 min Scan# 603

Delta R.T. 0.17 min

Lab File: BF079687.D

Acq: 4 Jun 2015 4:57

Tgt Ion: 70 Resp: 71695

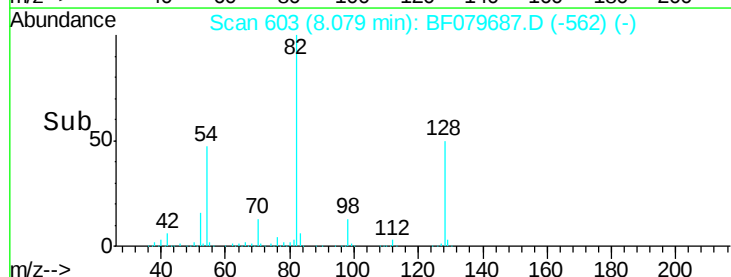
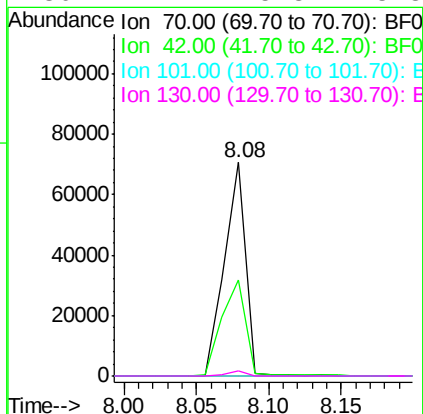
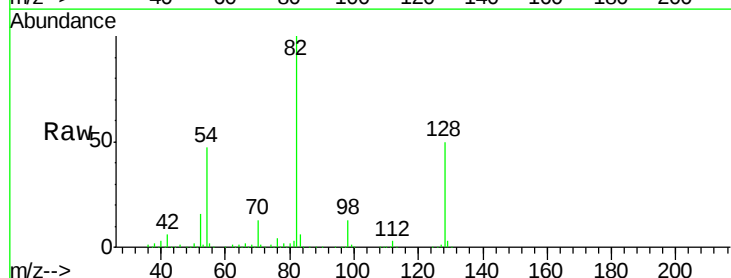
Ion Ratio Lower Upper

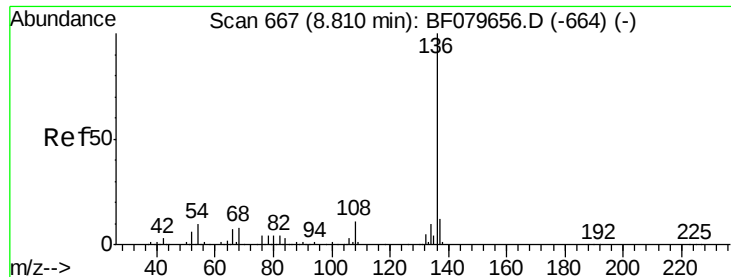
70 100

42 45.1 47.7 71.5#

101 0.0 7.4 11.0#

130 2.1 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: BF079687.D

Acq: 4 Jun 2015 4:57

Instrument :

BNA_F

ClientSampleId :

SB-14S

Tgt Ion: 136 Resp: 325598

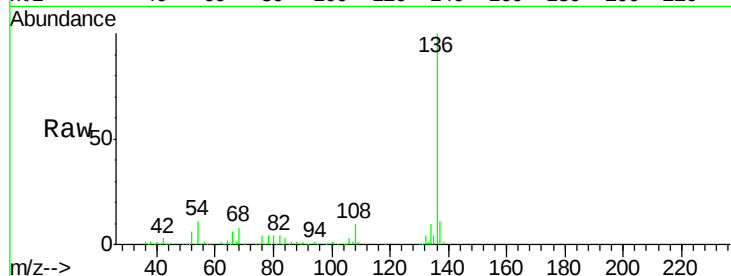
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 10.6 8.3 12.5

68 7.7 6.1 9.1

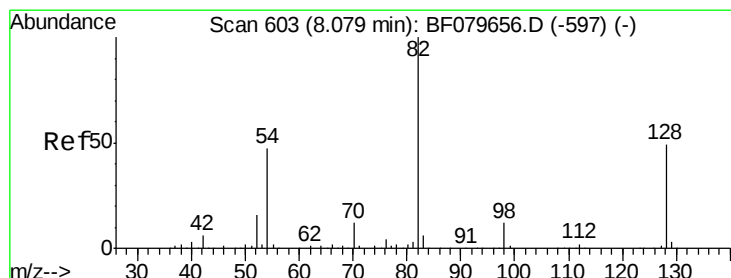
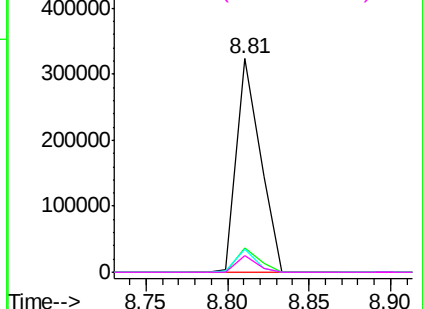
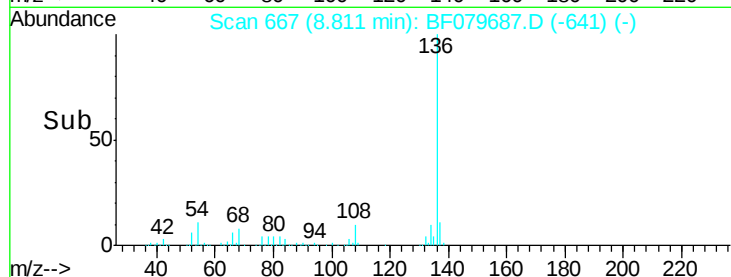


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.77 ng

RT: 8.08 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF079687.D

Acq: 4 Jun 2015 4:57

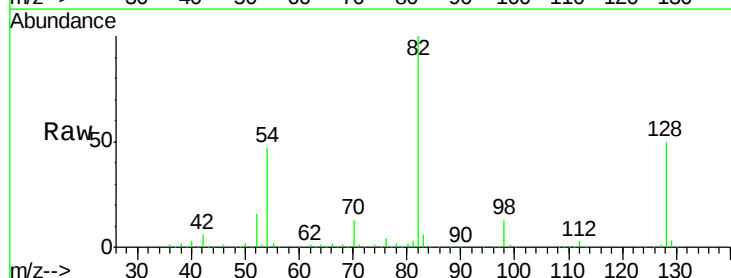
Tgt Ion: 82 Resp: 544231

Ion Ratio Lower Upper

82 100

128 49.6 39.4 59.0

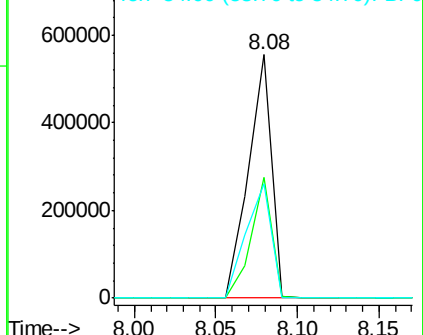
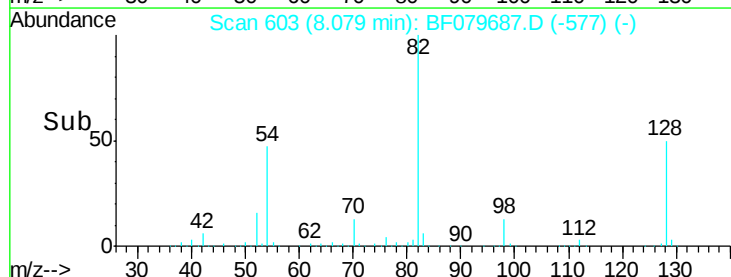
54 47.0 37.4 56.0

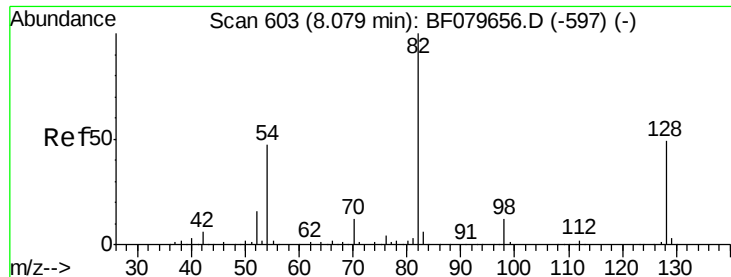


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 48.95 ng

RT: 8.08 min Scan# 603

Delta R.T. -0.25 min

Lab File: BF079687.D

Acq: 4 Jun 2015 4:57

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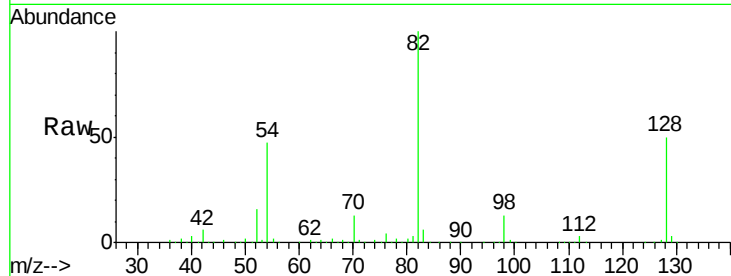
Tgt Ion: 82 Resp: 543193

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 14.4 21.6#

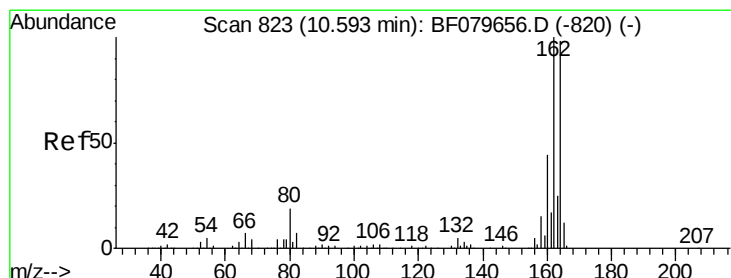
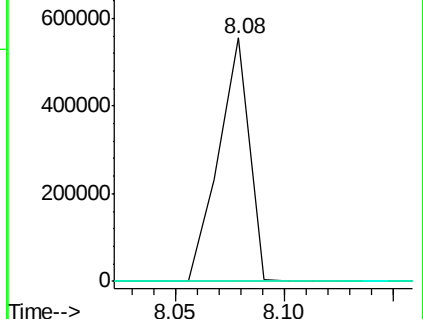
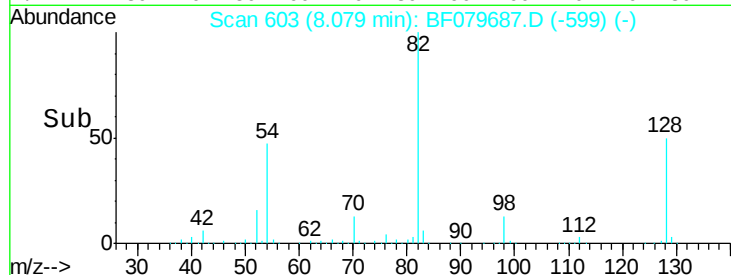


Abundance Ion 82.00 (81.70 to 82.70): BF079656.D (-597) (-)

Ion 95.00 (94.70 to 95.70): BF079656.D (-597) (-)

Ion 138.00 (137.70 to 138.70): BF079656.D (-597) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.59 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF079687.D

Acq: 4 Jun 2015 4:57

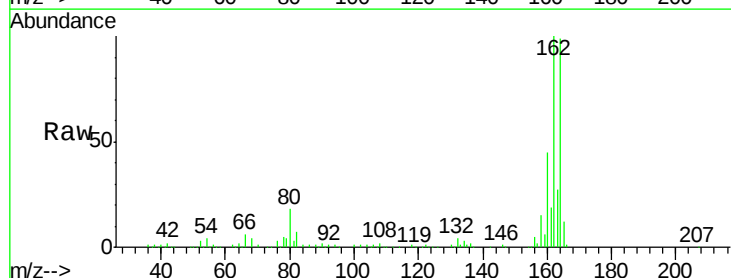
Tgt Ion: 164 Resp: 171765

Ion Ratio Lower Upper

164 100

162 101.3 82.0 123.0

160 45.7 35.9 53.9

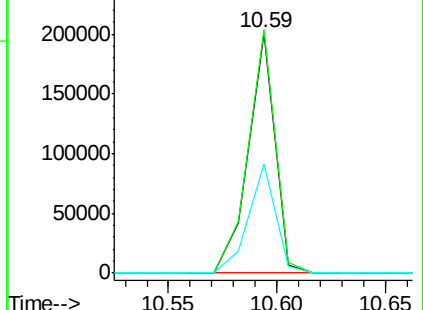
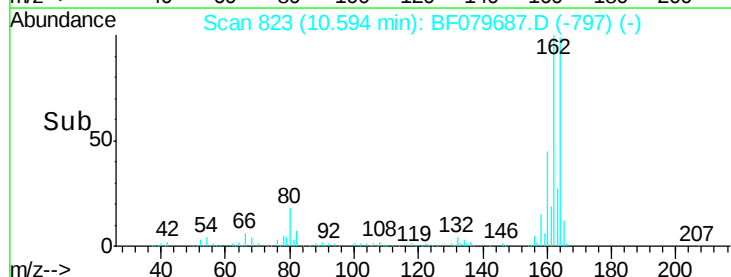


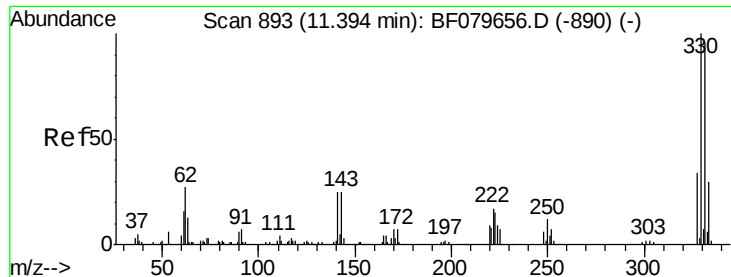
Abundance Ion 164.00 (163.70 to 164.70): BF079656.D (-820) (-)

Ion 162.00 (161.70 to 162.70): BF079656.D (-820) (-)

Ion 160.00 (159.70 to 160.70): BF079656.D (-820) (-)

Time-->

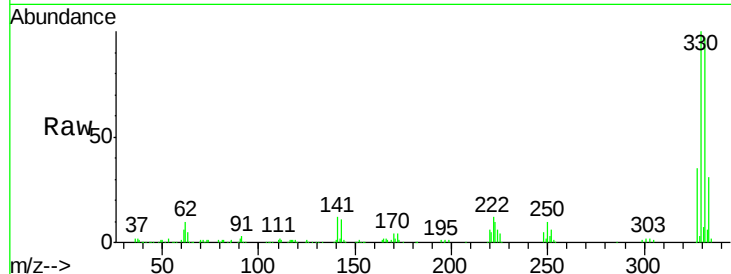




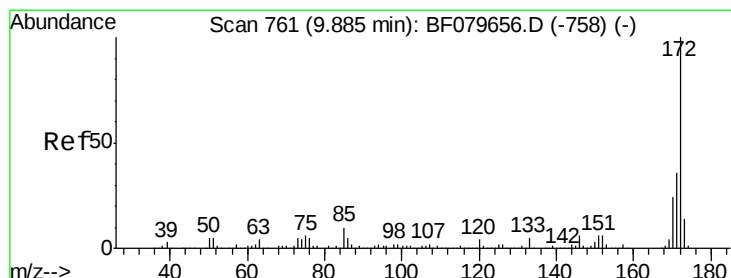
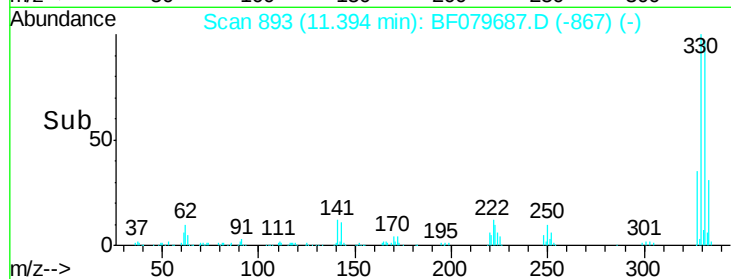
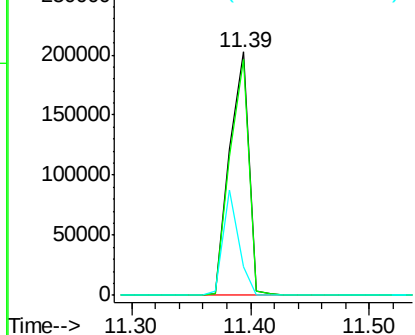
#41
 2,4,6-Tribromophenol
 Concen: 159.95 ng
 RT: 11.39 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF079687.D
 Acq: 4 Jun 2015 4:57

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Tgt Ion:330 Resp: 226752
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.3 115.9
 141 34.8 27.4 41.2

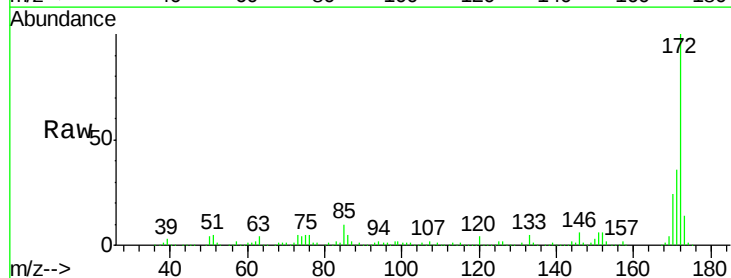


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

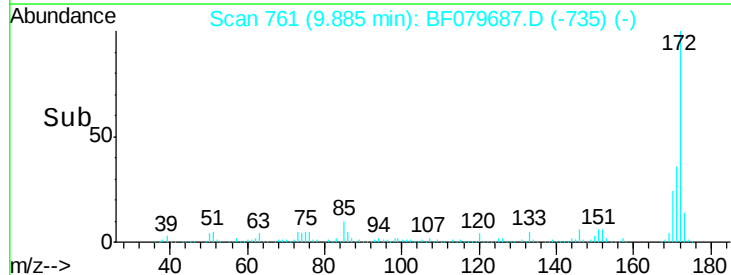
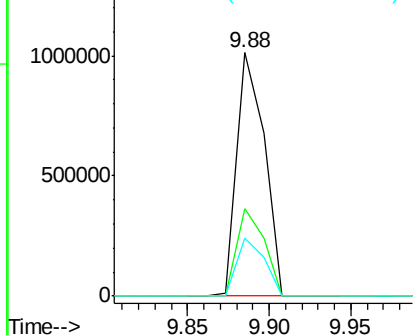


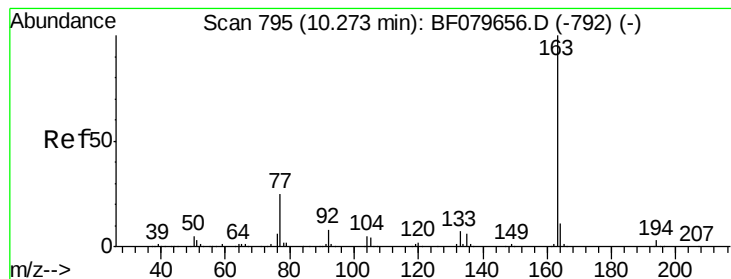
#44
 2-Fluorobiphenyl
 Concen: 104.53 ng
 RT: 9.88 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF079687.D
 Acq: 4 Jun 2015 4:57

Tgt Ion:172 Resp: 1168790
 Ion Ratio Lower Upper
 172 100
 171 35.7 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





#49

Dimethylphthalate

Concen: 10.53 ng

RT: 10.27 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF079687.D

Acq: 4 Jun 2015 4:57

Instrument :

BNA_F

ClientSampleId :

SB-14S

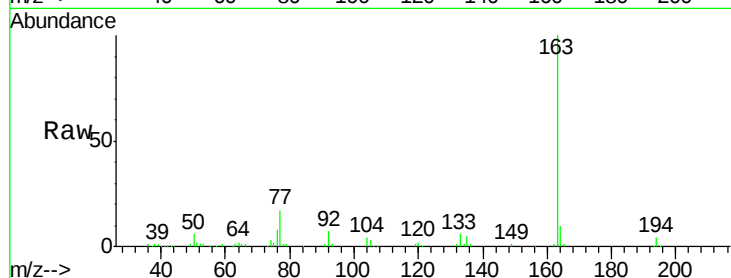
Tgt Ion:163 Resp: 132517

Ion Ratio Lower Upper

163 100

194 3.6 2.6 3.8

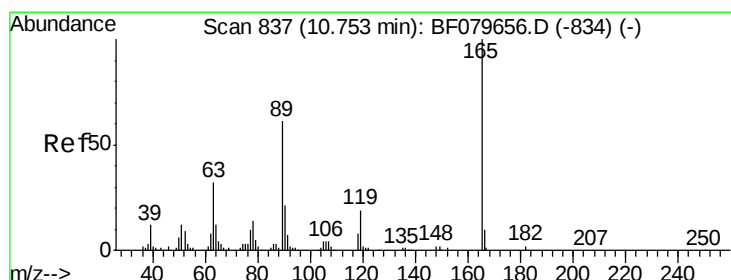
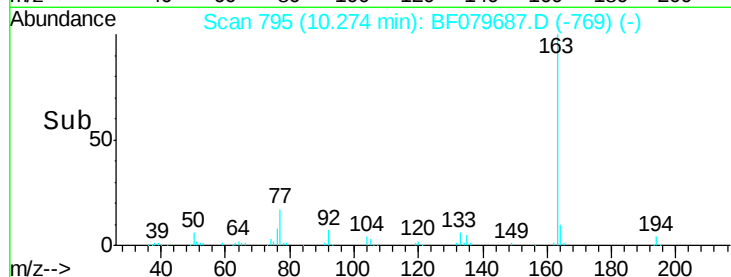
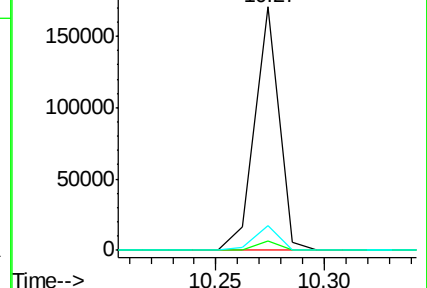
164 10.1 8.6 12.8



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: 12.66 ng

RT: 10.59 min Scan# 823

Delta R.T. -0.16 min

Lab File: BF079687.D

Acq: 4 Jun 2015 4:57

Tgt Ion:165 Resp: 21959

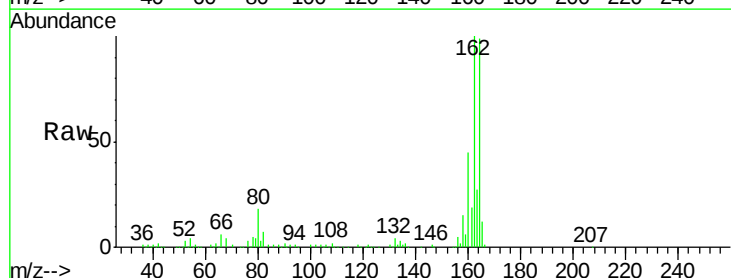
Ion Ratio Lower Upper

165 100

63 1.5 25.5 38.3#

89 1.4 48.5 72.7#

182 0.0 1.9 2.9#

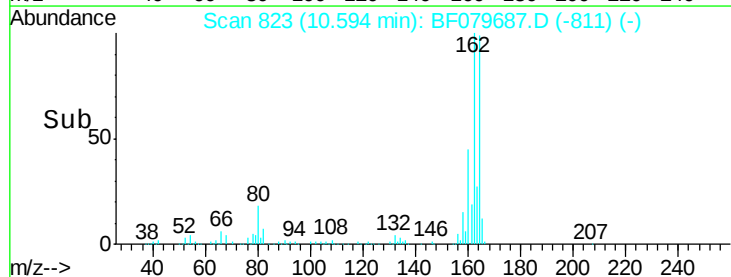
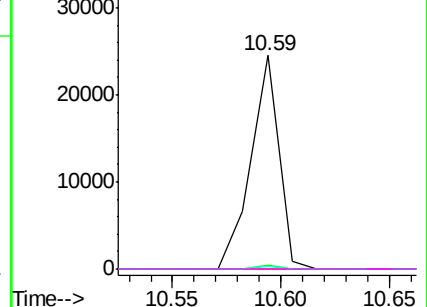


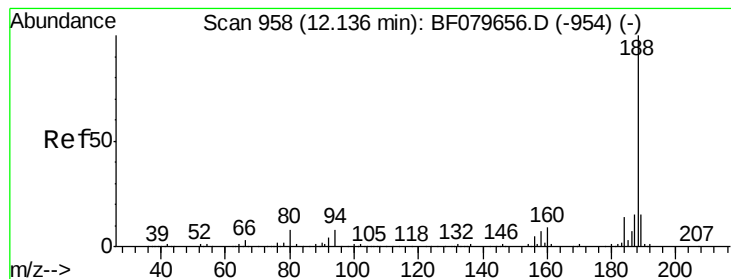
Abundance Ion 165.00 (164.70 to 165.70): E

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: 12.10 min Scan# 955

Delta R.T. -0.03 min

Lab File: BF079687.D

Acq: 4 Jun 2015 4:57

Instrument :

BNA_F

ClientSampled :

SB-14S

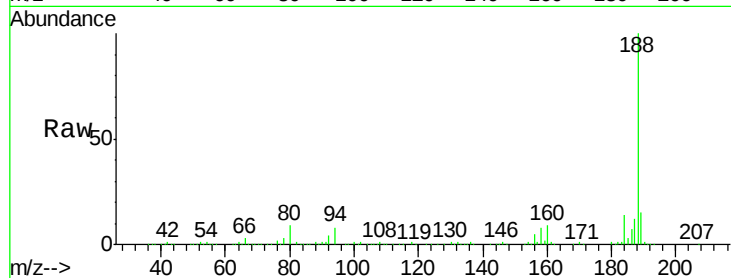
Tgt Ion:188 Resp: 332666

Ion Ratio Lower Upper

188 100

94 8.1 6.1 9.1

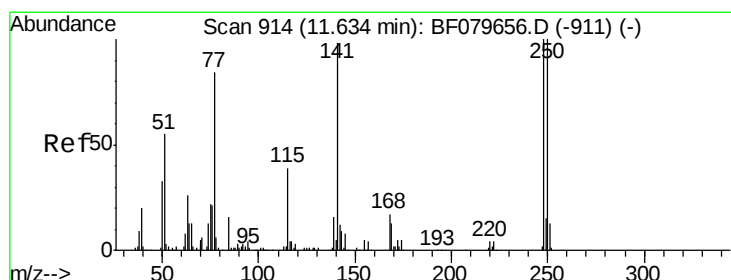
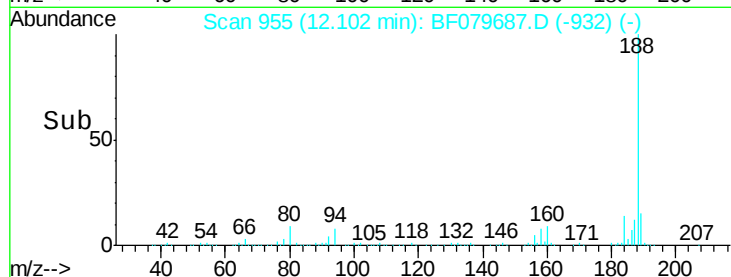
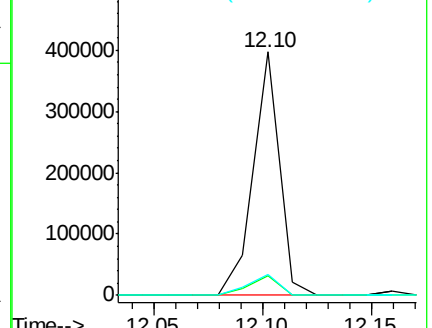
80 8.7 6.2 9.2



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: 4.42 ng

RT: 11.38 min Scan# 892

Delta R.T. -0.25 min

Lab File: BF079687.D

Acq: 4 Jun 2015 4:57

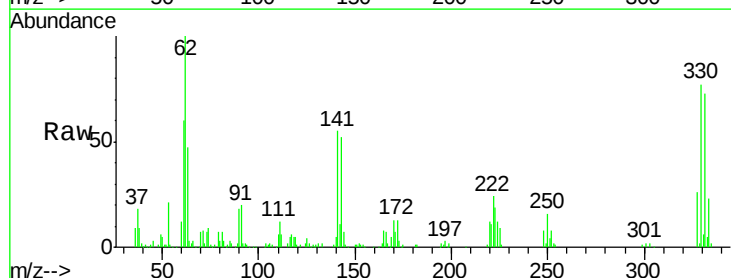
Tgt Ion:248 Resp: 14751

Ion Ratio Lower Upper

248 100

250 200.8 80.0 120.0#

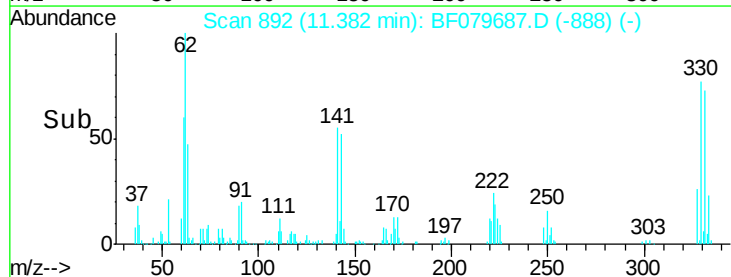
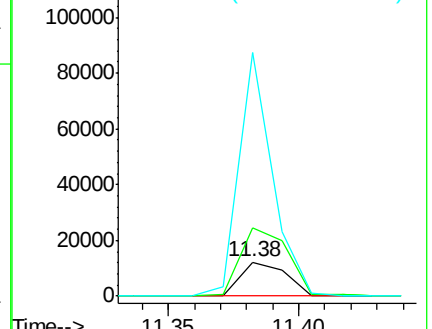
141 713.9 78.8 118.2#

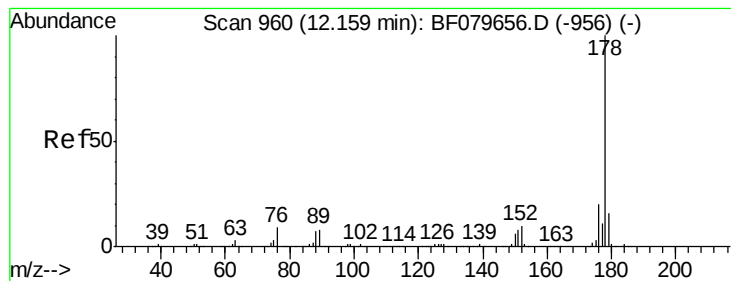


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 2.42 ng

RT: 12.13 min Scan# 957

Delta R.T. -0.03 min

Lab File: BF079687.D

Acq: 4 Jun 2015 4:57

Instrument :

BNA_F

ClientSampleId :

SB-14S

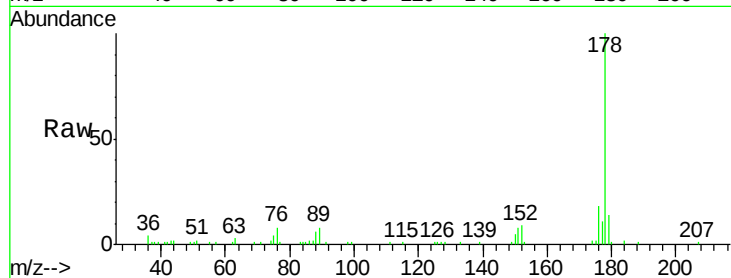
Tgt Ion:178 Resp: 44550

Ion Ratio Lower Upper

178 100

176 18.0 15.8 23.8

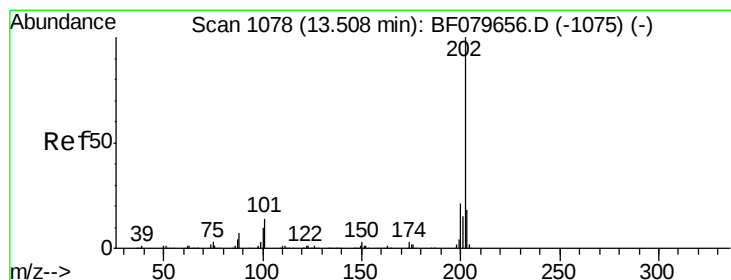
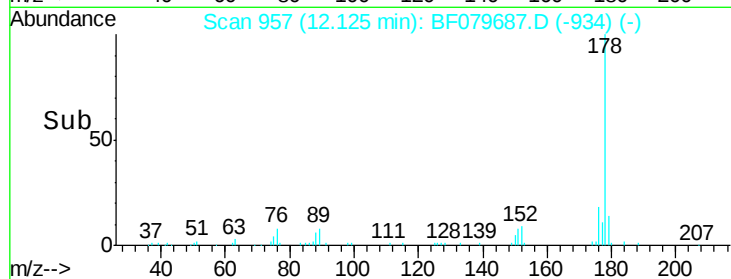
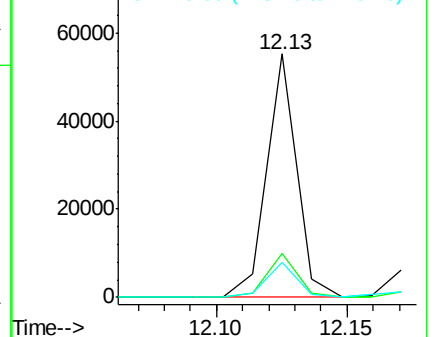
179 14.2 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 4.55 ng

RT: 13.37 min Scan# 1066

Delta R.T. -0.14 min

Lab File: BF079687.D

Acq: 4 Jun 2015 4:57

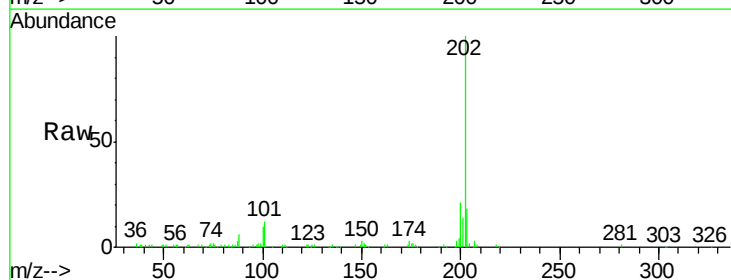
Tgt Ion:202 Resp: 90146

Ion Ratio Lower Upper

202 100

101 12.0 0.0 34.0

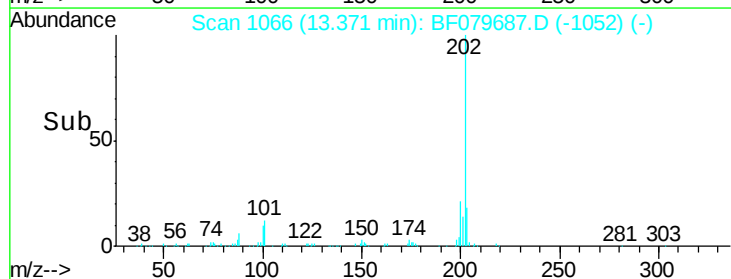
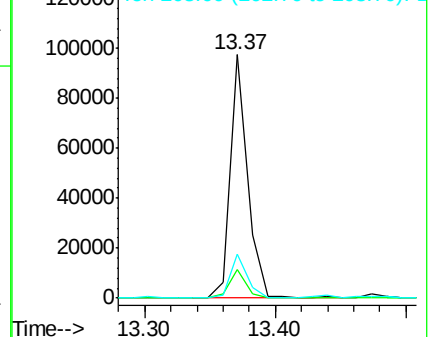
203 18.1 0.0 37.9

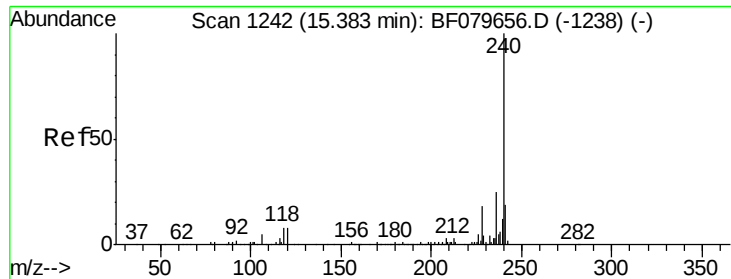


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.34 min Scan# 1238

Delta R.T. -0.05 min

Lab File: BF079687.D

Acq: 4 Jun 2015 4:57

Instrument :

BNA_F

ClientSampleId :

SB-14S

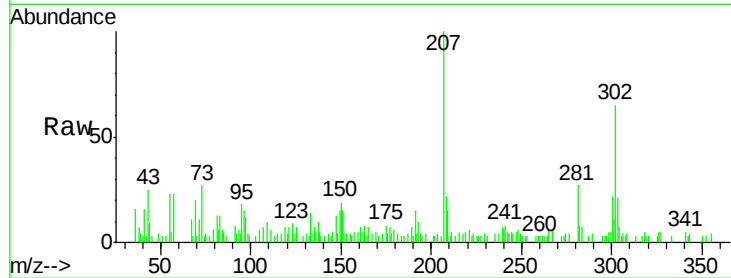
Tgt Ion:240 Resp: 1528

Ion Ratio Lower Upper

240 100

120 63.3 6.4 9.6#

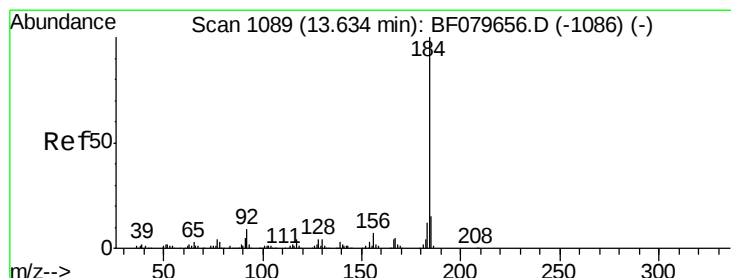
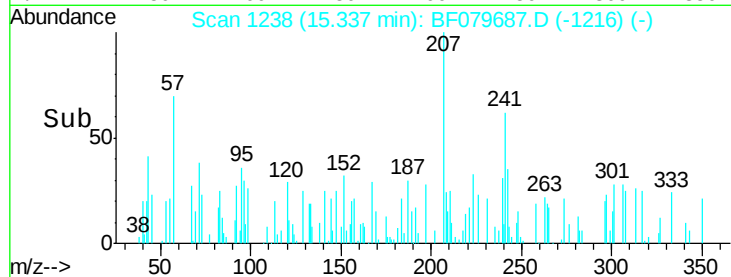
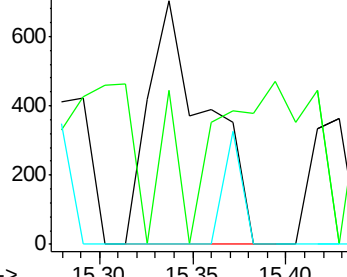
236 0.0 20.2 30.4#



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



#76

Benzidine

Concen: 45.20 ng

RT: 13.49 min Scan# 1076

Delta R.T. -0.15 min

Lab File: BF079687.D

Acq: 4 Jun 2015 4:57

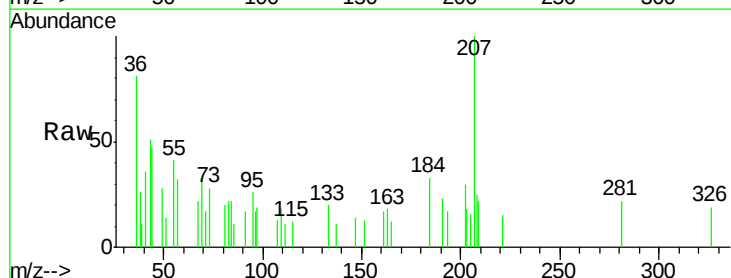
Tgt Ion:184 Resp: 1571

Ion Ratio Lower Upper

184 100

185 0.0 11.8 17.6#

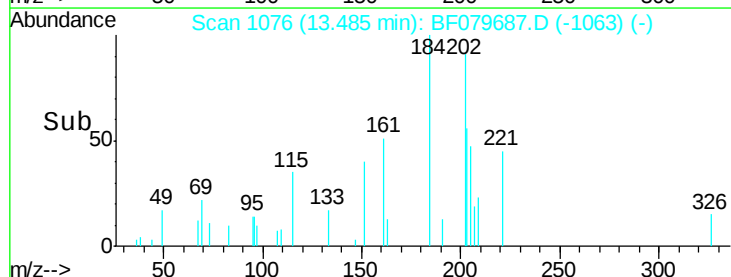
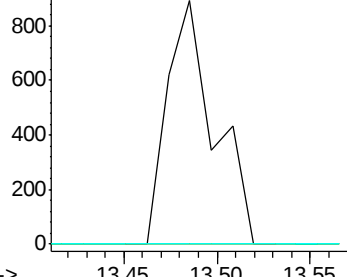
183 0.0 9.2 13.8#

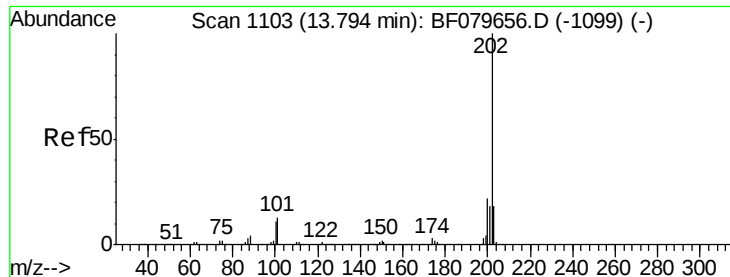


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

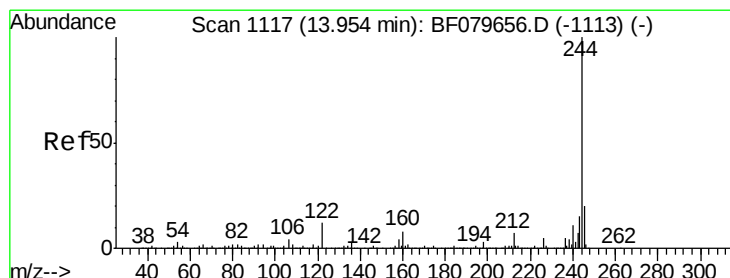
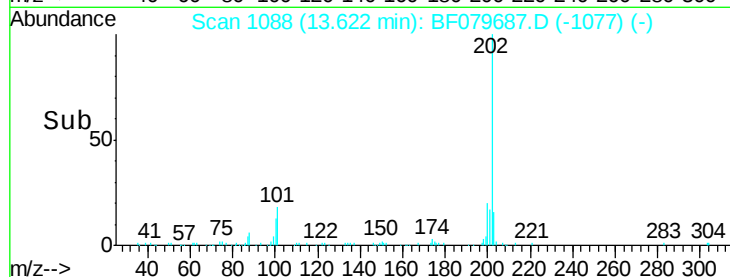
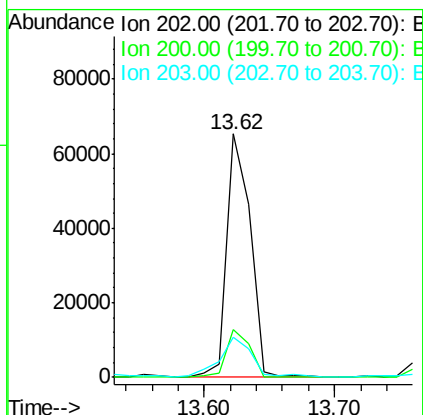
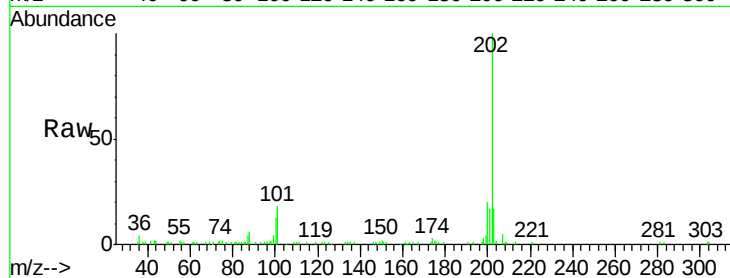




#77
 Pyrene
 Concen: 927.66 ng
 RT: 13.62 min Scan# 1088
 Delta R.T. -0.17 min
 Lab File: BF079687.D
 Acq: 4 Jun 2015 4:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-14S

Tgt Ion:202 Resp: 81615
 Ion Ratio Lower Upper
 202 100
 200 19.7 17.4 26.0
 203 16.6 14.5 21.7



#78
 Terphenyl-d14
 Concen: 22925.32 ng
 RT: 13.76 min Scan# 1100
 Delta R.T. -0.19 min
 Lab File: BF079687.D
 Acq: 4 Jun 2015 4:57

Tgt Ion:244 Resp: 1304027
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 14.9 9.8 14.6#

