

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081452.D
 Acq On : 5 Sep 2015 8:09
 Operator : UM/IZ
 Sample : G3558-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2WS

Quant Time: Sep 07 01:58:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 01:54:57 2015
 Response via : Initial Calibration

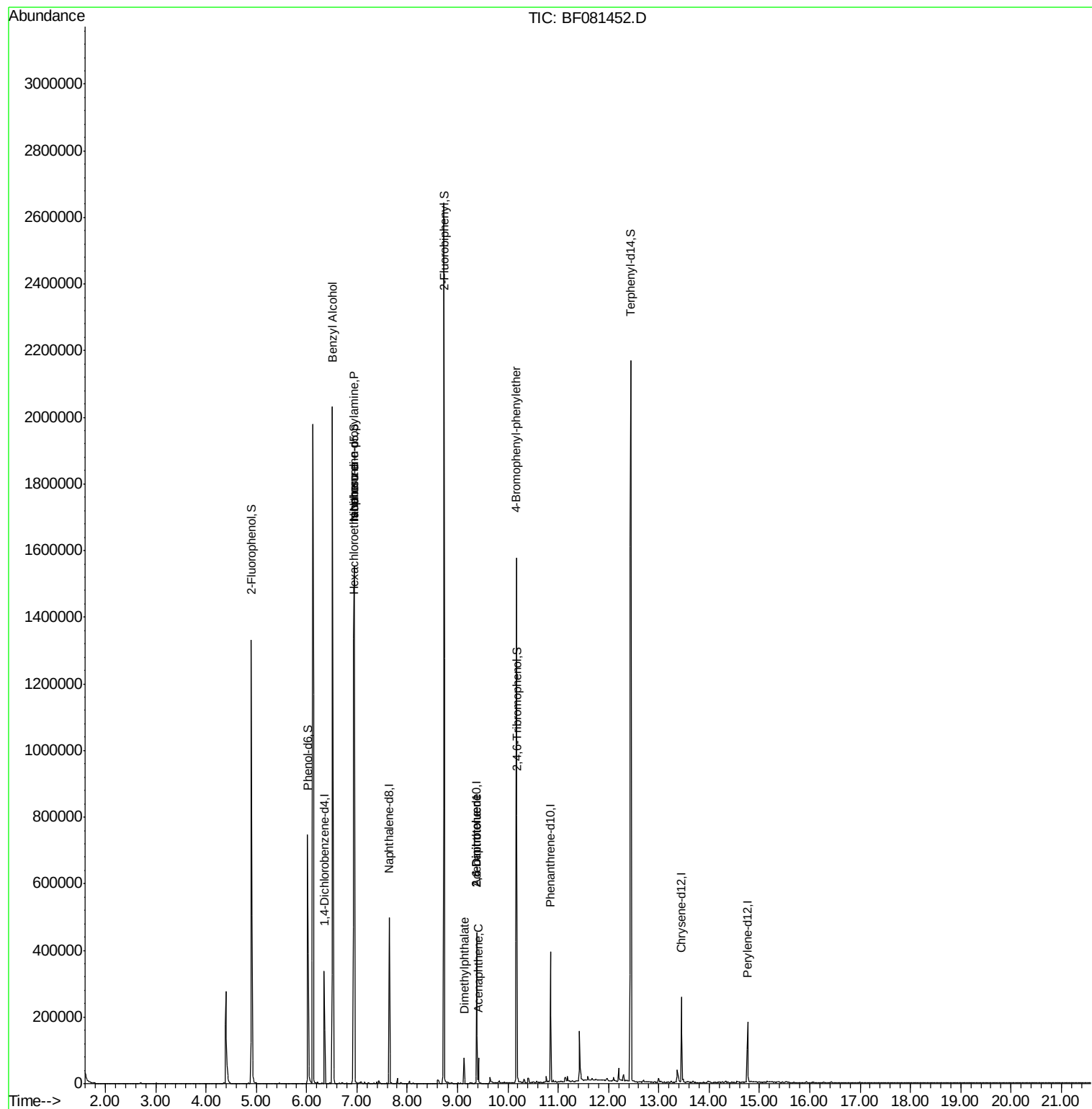
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	53328	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	198324	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	89744	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	163722	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	109121	20.00	ng	-0.01
86) Perylene-d12	14.77	264	82178	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	359472	104.58	ng	0.00
7) Phenol-d6	6.02	99	287056	63.09	ng	-0.01
23) Nitrobenzene-d5	6.95	82	778624	189.42	ng	0.00
41) 2,4,6-Tribromophenol	10.18	330	236742	296.27	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	1126330	160.83	ng	0.00
78) Terphenyl-d14	12.44	244	937872	200.07	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.51	79	10689	2.86	ng	# 32
18) Hexachloroethane	6.94	117	3328	2.08	ng	# 5
19) n-Nitroso-di-n-propylamine	6.95	70	105471	34.06	ng	# 57
25) Isophorone	6.95	82	669145	87.52	ng	# 58
49) Dimethylphthalate	9.13	163	25525	3.66	ng	# 98
50) 2,6-Dinitrotoluene	9.38	165	11406	7.21	ng	# 37
51) Acenaphthene	9.42	154	15891	2.64	ng	# 88
56) 2,4-Dinitrotoluene	9.38	165	11406	5.66	ng	# 31
66) 4-Bromophenyl-phenylether	10.17	248	15160	9.16	ng	# 1

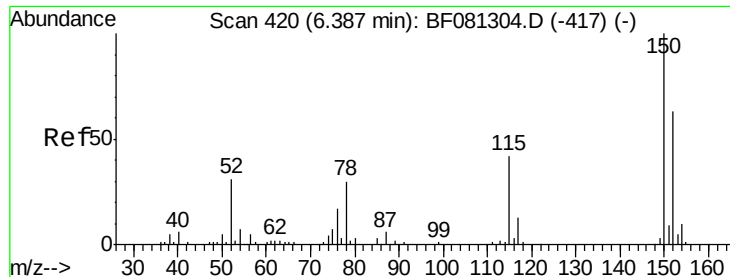
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF081452.D

Acq: 5 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SB-2WS

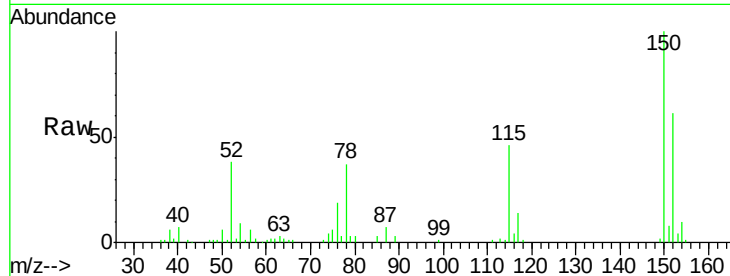
Tot Ion:152 Resp: 53328

Ion Ratio Lower Upper

152 100

150 162.9 124.7 187.1

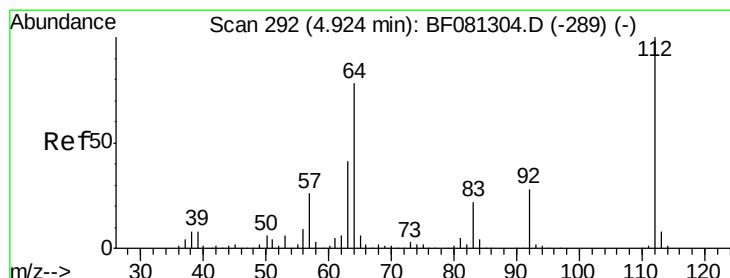
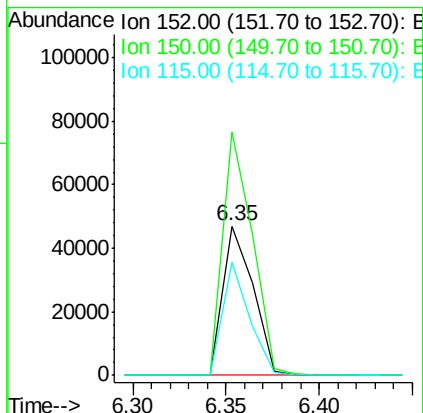
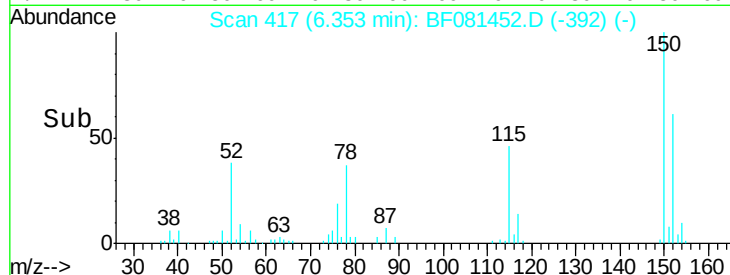
115 75.3 39.0 58.4#



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: 104.58 ng

RT: 4.90 min Scan# 290

Delta R.T. 0.00 min

Lab File: BF081452.D

Acq: 5 Sep 2015 8:09

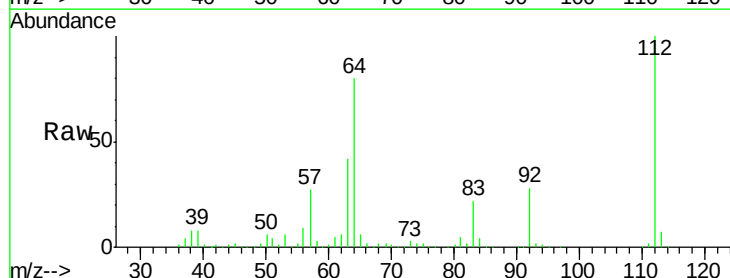
Tgt Ion:112 Resp: 359472

Ion Ratio Lower Upper

112 100

64 79.8 39.7 59.5#

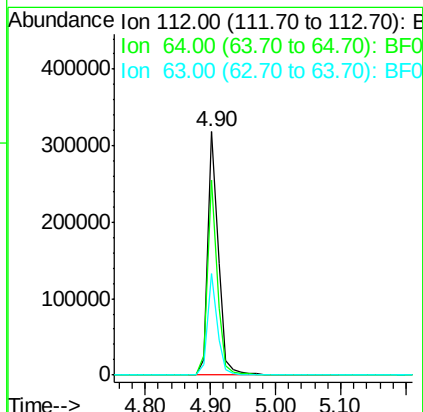
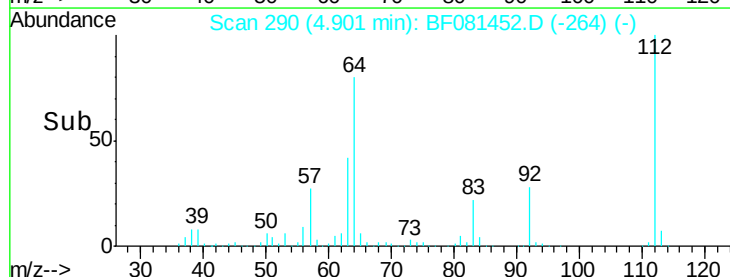
63 41.8 17.4 26.0#

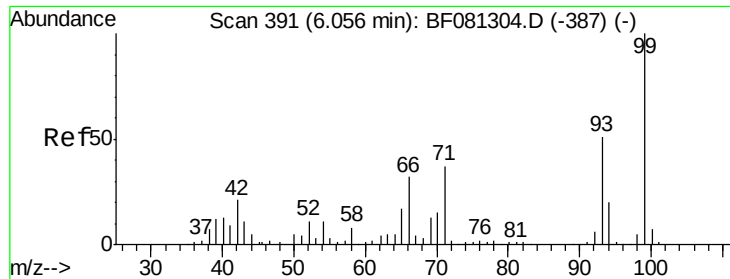


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 63.09 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF081452.D

Acq: 5 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SB-2WS

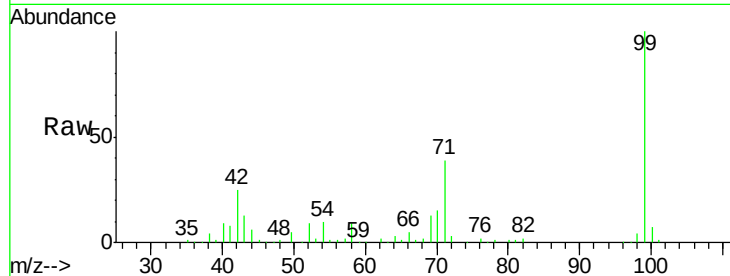
Tot Ion: 99 Resp: 287056

Ion Ratio Lower Upper

99 100

42 25.0 13.7 20.5#

71 39.5 14.2 21.2#



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

300000

250000

200000

150000

100000

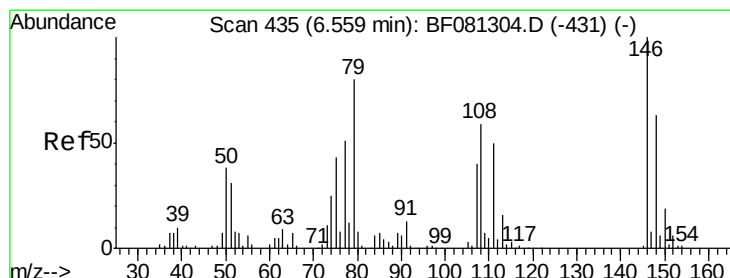
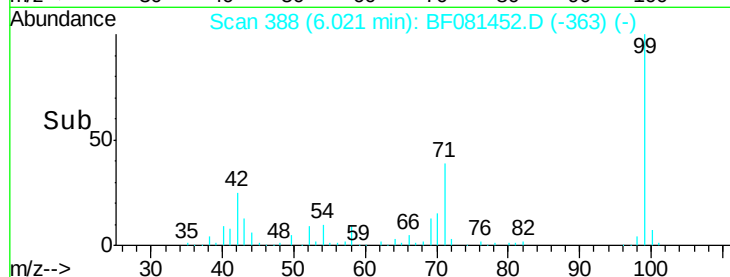
50000

0

6.02

5.95 6.00 6.05 6.10

Time-->



#15

Benzyl Alcohol

Concen: 2.86 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF081452.D

Acq: 5 Sep 2015 8:09

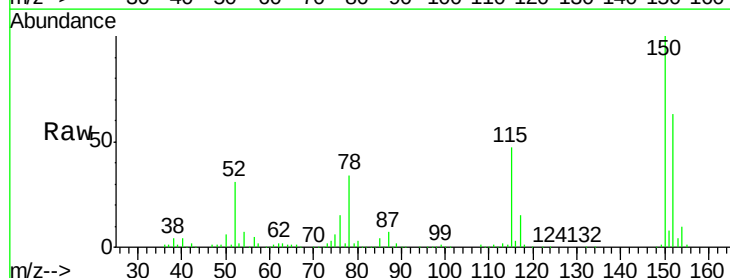
Tgt Ion: 79 Resp: 10689

Ion Ratio Lower Upper

79 100

108 27.1 88.6 132.8#

77 94.4 47.0 70.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

10000

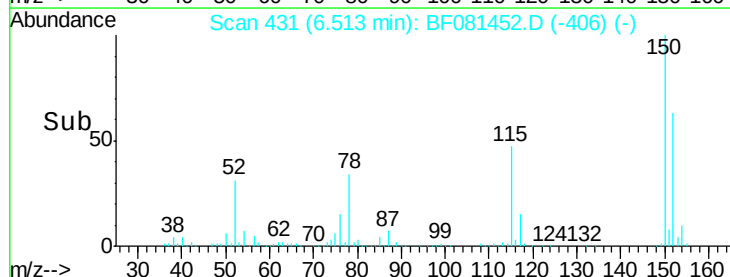
5000

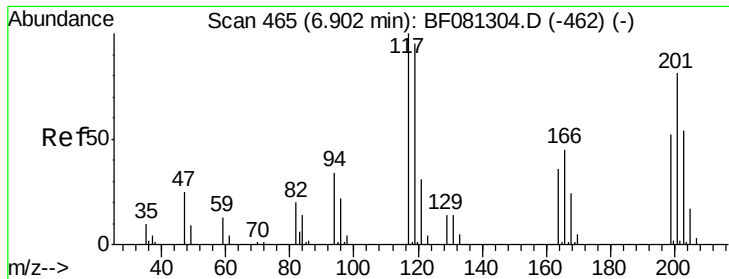
0

6.51

6.45 6.50 6.55

Time-->





#18

Hexachloroethane

Concen: 2.08 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.07 min

Lab File: BF081452.D

Acq: 5 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SB-2WS

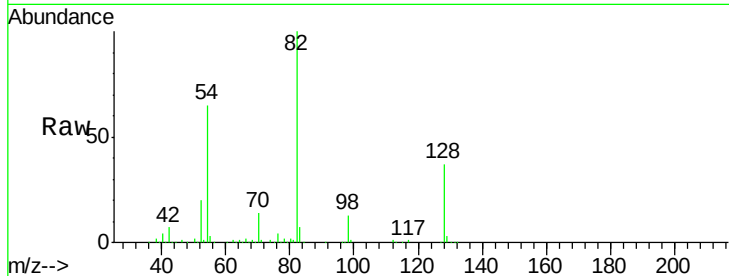
Tot Ion: 117 Resp: 3328

Ion Ratio Lower Upper

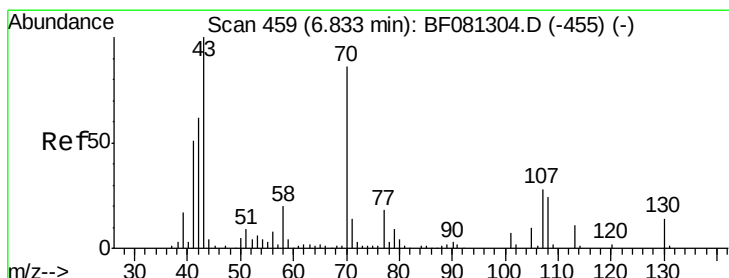
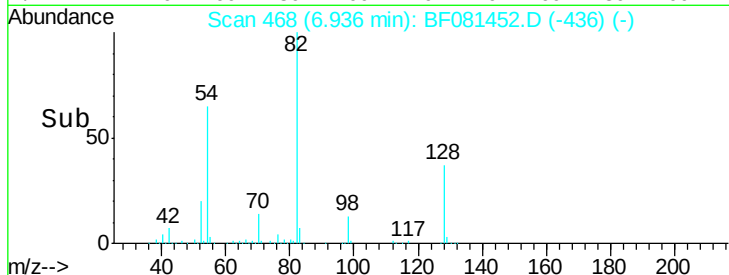
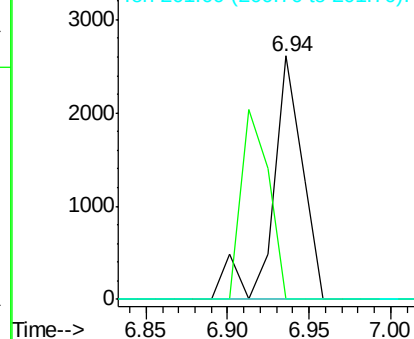
117 100

119 0.0 83.8 125.6#

201 0.0 55.1 82.7#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 34.06 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.14 min

Lab File: BF081452.D

Acq: 5 Sep 2015 8:09

Tgt Ion: 70 Resp: 105471

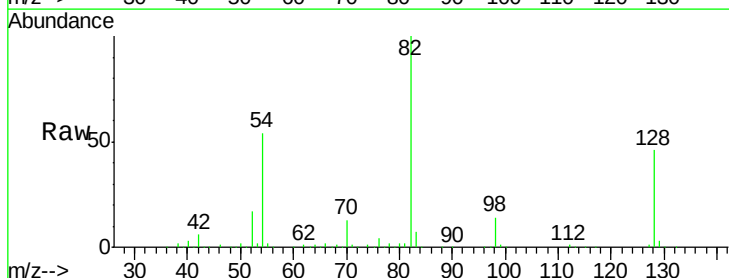
Ion Ratio Lower Upper

70 100

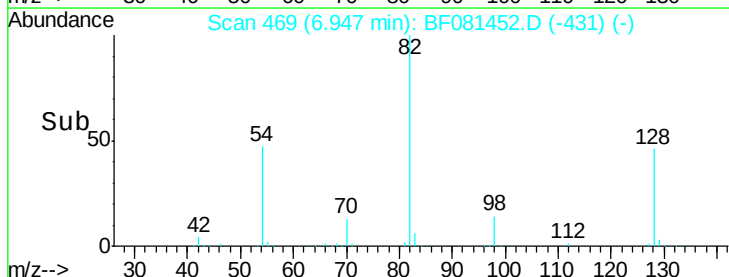
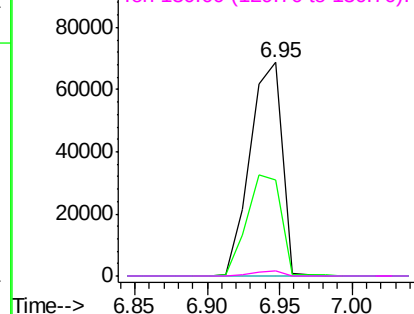
42 45.2 63.8 95.6#

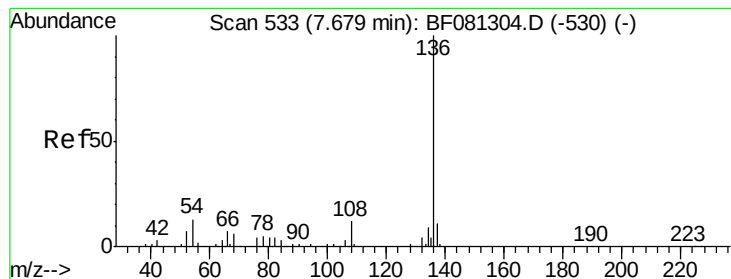
101 0.0 9.2 13.8#

130 2.5 27.3 40.9#



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: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081452.D

Acq: 5 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SB-2WS

Tot Ion:136 Resp: 198324

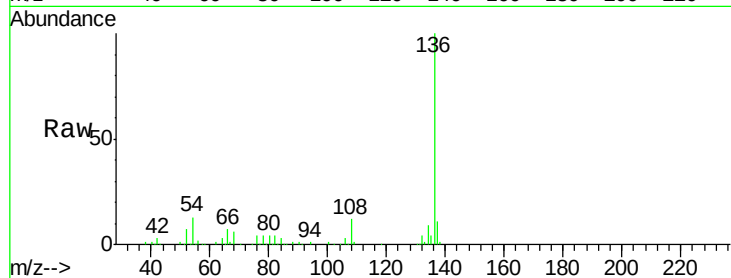
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 12.9 8.2 12.2#

68 5.8 5.8 8.6

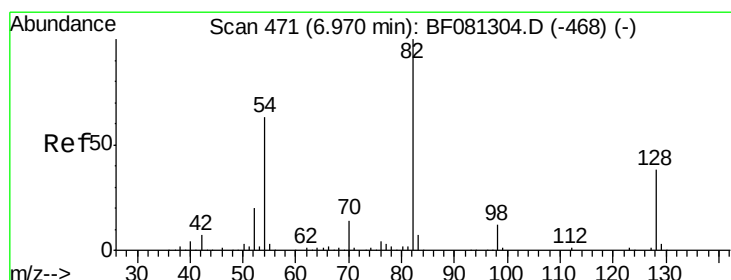
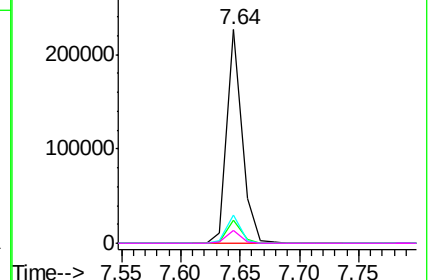
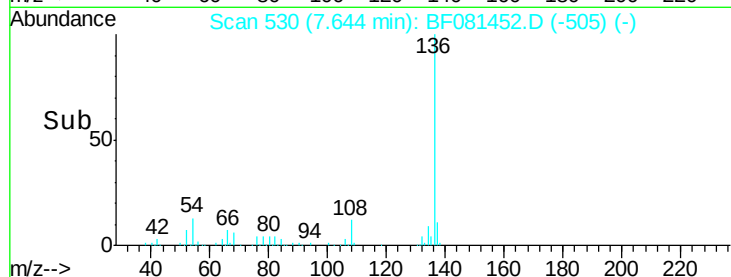


Abundance Ion 136.00 (135.70 to 136.70): E

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: 189.42 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF081452.D

Acq: 5 Sep 2015 8:09

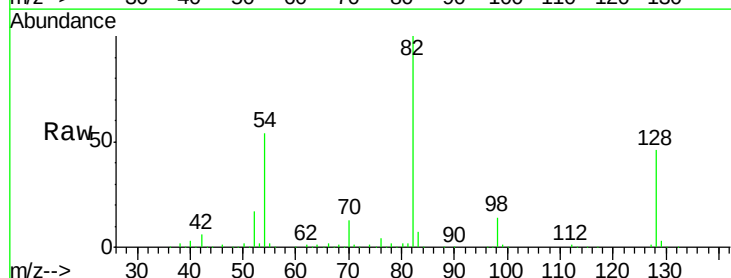
Tgt Ion: 82 Resp: 778624

Ion Ratio Lower Upper

82 100

128 45.7 51.0 76.6#

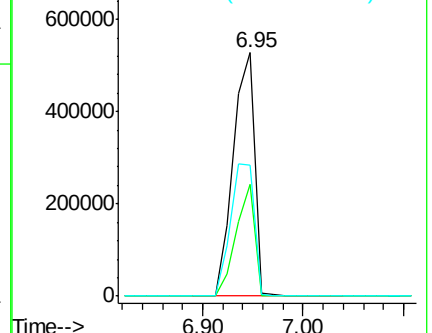
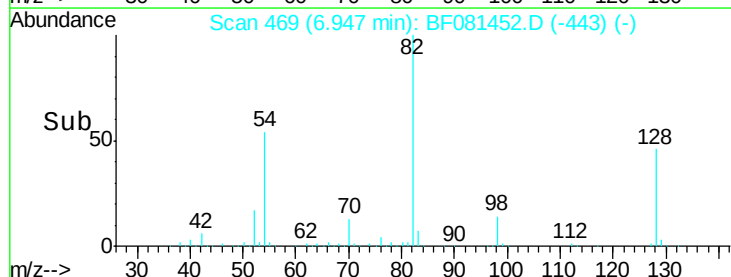
54 54.0 47.5 71.3

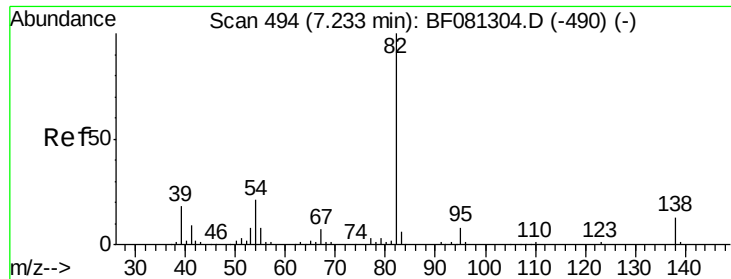


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 87.52 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.26 min

Lab File: BF081452.D

Acq: 5 Sep 2015 8:09

Instrument :

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ClientSampleId :

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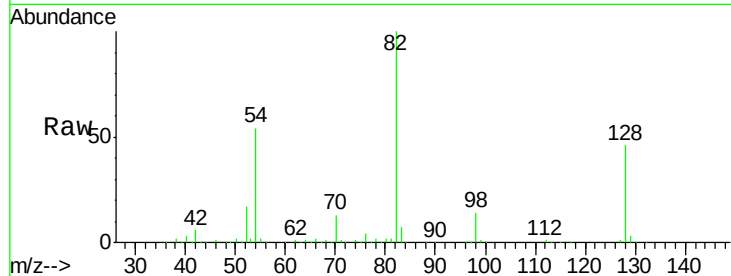
Tot Ion: 82 Resp: 669145

Ion Ratio Lower Upper

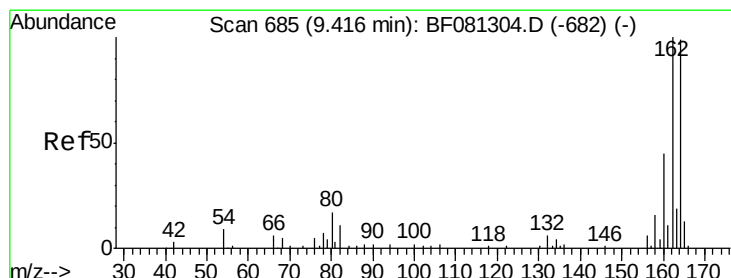
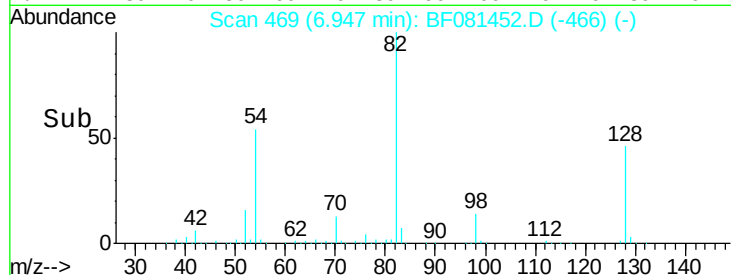
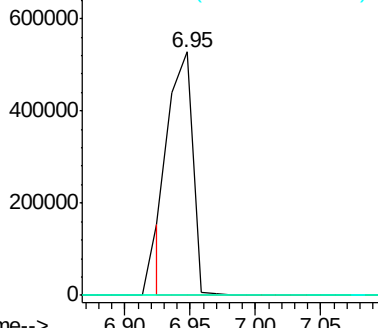
82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF081452.D

Acq: 5 Sep 2015 8:09

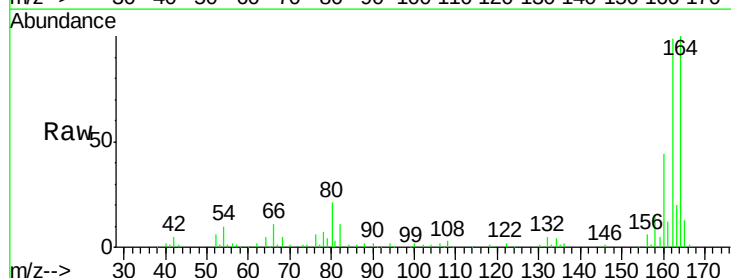
Tgt Ion: 164 Resp: 89744

Ion Ratio Lower Upper

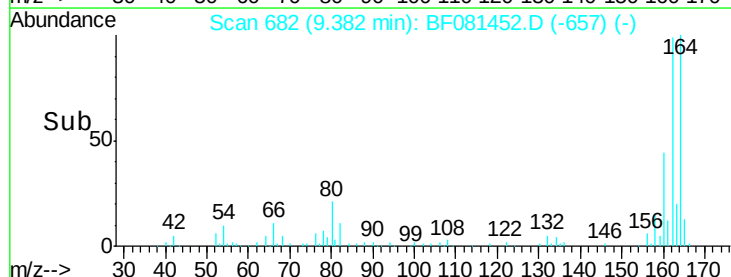
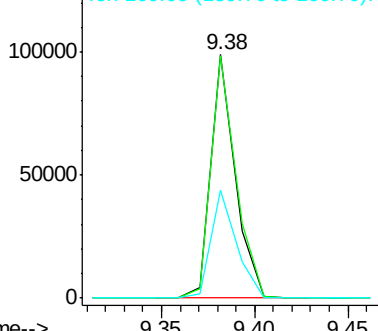
164 100

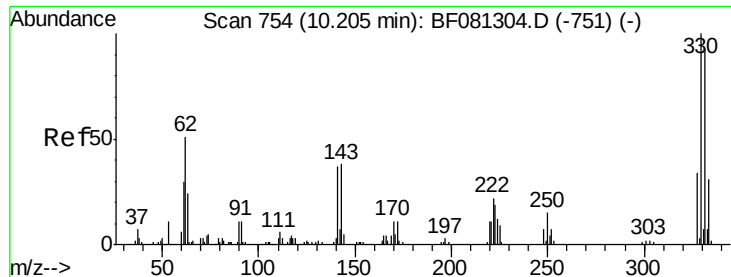
162 99.4 75.2 112.8

160 44.4 31.5 47.3



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

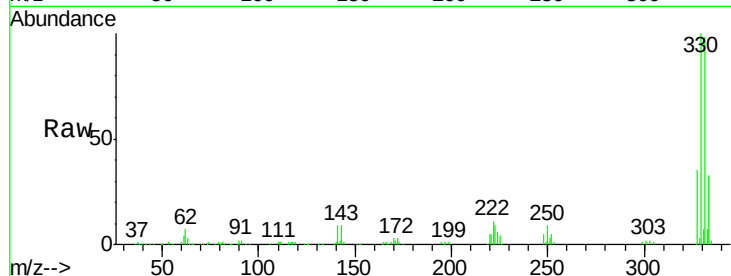




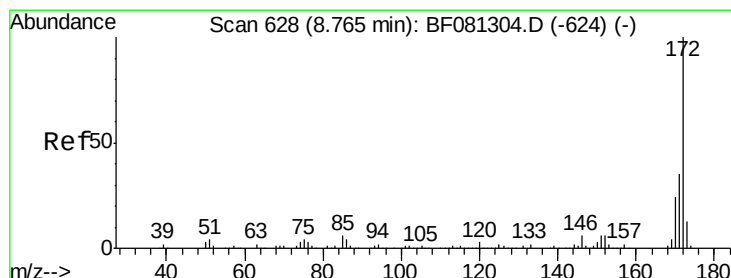
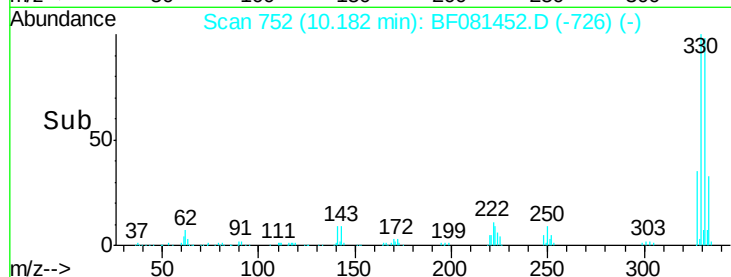
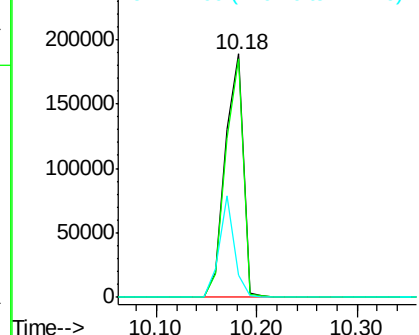
#41
 2,4,6-Tribromophenol
 Concen: 296.27 ng
 RT: 10.18 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF081452.D
 Acq: 5 Sep 2015 8:09

Instrument :
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 SB-2WS

Tot Ion:330 Resp: 236742
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 35.2 29.7 44.5

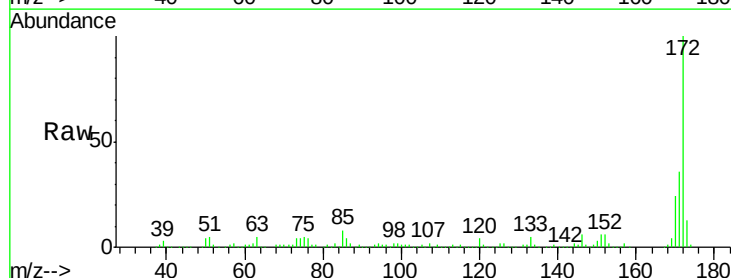


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

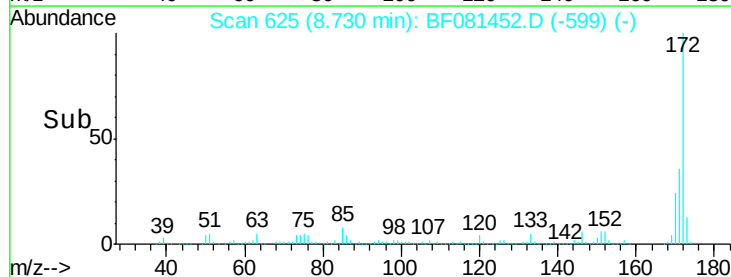
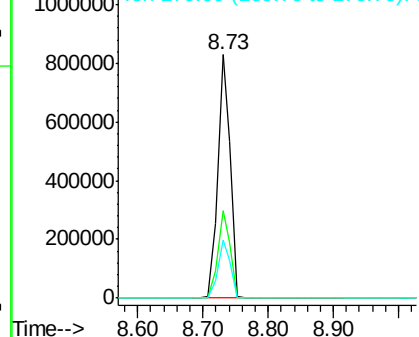


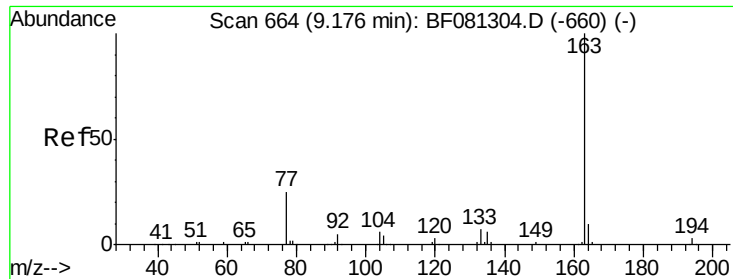
#44
 2-Fluorobiphenyl
 Concen: 160.83 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF081452.D
 Acq: 5 Sep 2015 8:09

Tgt Ion:172 Resp: 1126330
 Ion Ratio Lower Upper
 172 100
 171 35.9 26.1 39.1
 170 23.8 17.4 26.2



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: 3.66 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF081452.D

Acq: 5 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SB-2WS

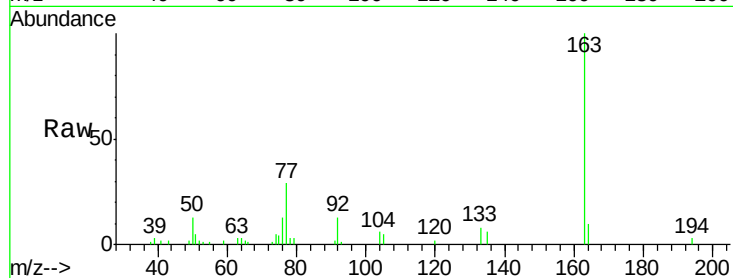
Tot Ion:163 Resp: 25525

Ion Ratio Lower Upper

163 100

194 3.3 4.4 6.6#

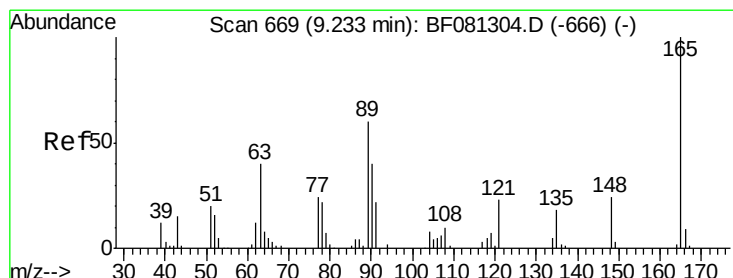
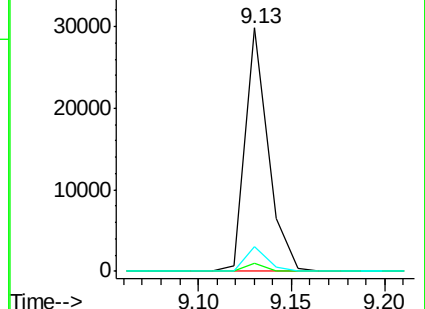
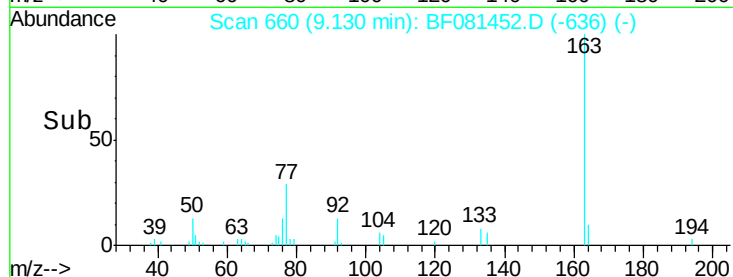
164 10.3 8.3 12.5



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



#50

2,6-Dinitrotoluene

Concen: 7.21 ng

RT: 9.38 min Scan# 682

Delta R.T. 0.17 min

Lab File: BF081452.D

Acq: 5 Sep 2015 8:09

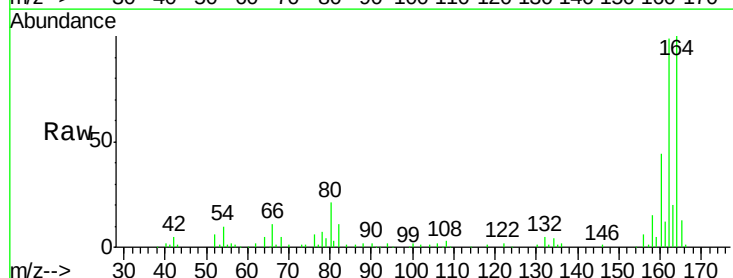
Tgt Ion:165 Resp: 11406

Ion Ratio Lower Upper

165 100

63 0.0 32.3 48.5#

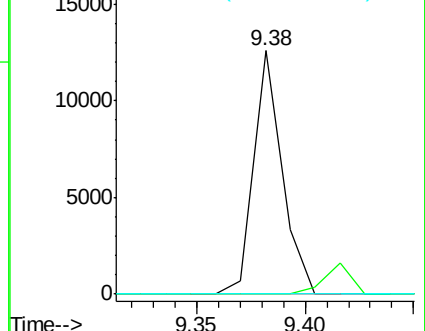
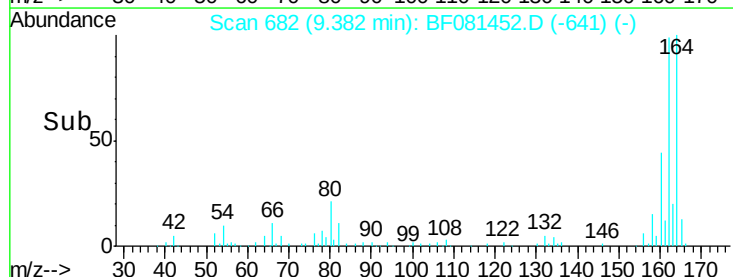
89 0.0 28.6 43.0#

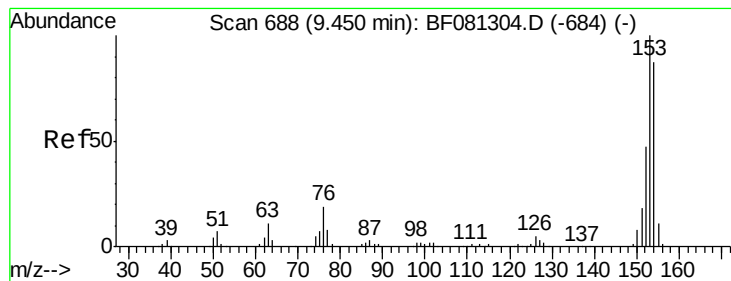


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 2.64 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF081452.D

Acq: 5 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SB-2WS

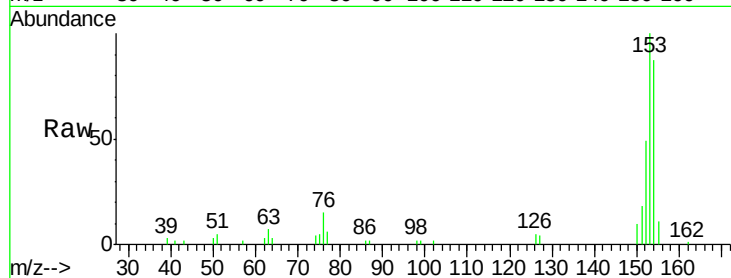
Tot Ion:154 Resp: 15891

Ion Ratio Lower Upper

154 100

153 114.4 82.1 123.1

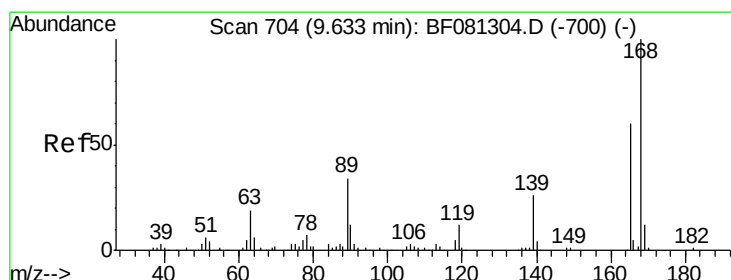
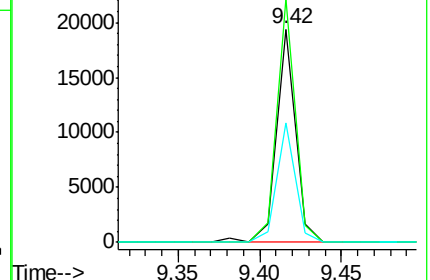
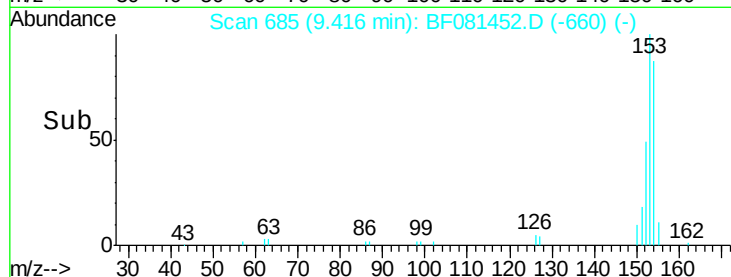
152 55.9 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#56

2,4-Dinitrotoluene

Concen: 5.66 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.22 min

Lab File: BF081452.D

Acq: 5 Sep 2015 8:09

Tgt Ion:165 Resp: 11406

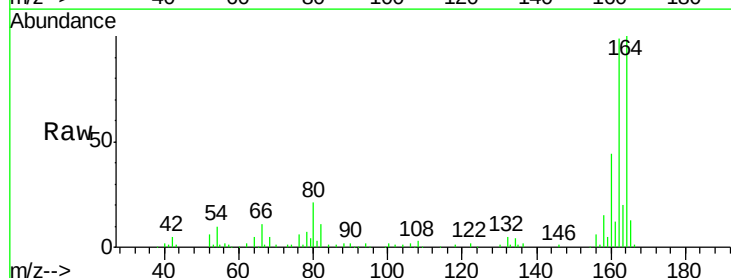
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

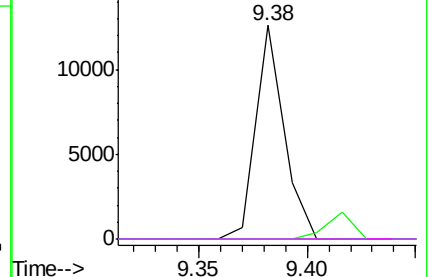
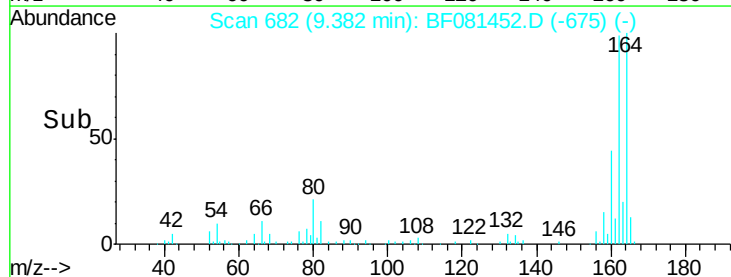


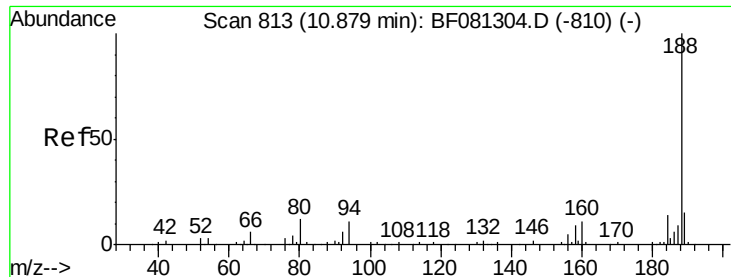
Abundance Ion 165.00 (164.70 to 165.70): E

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

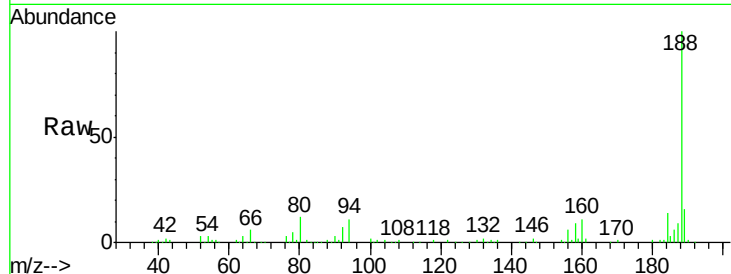




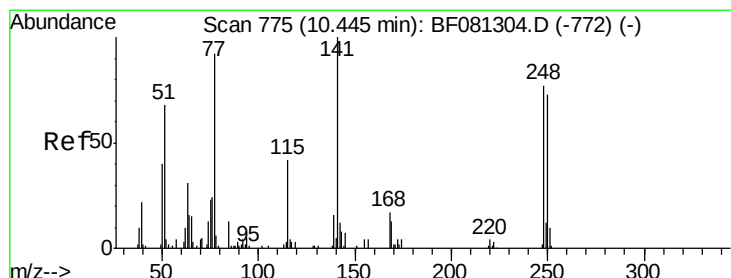
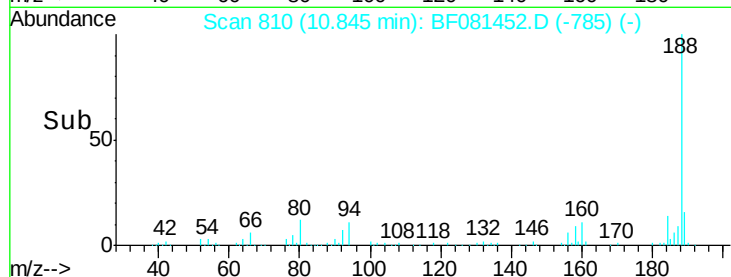
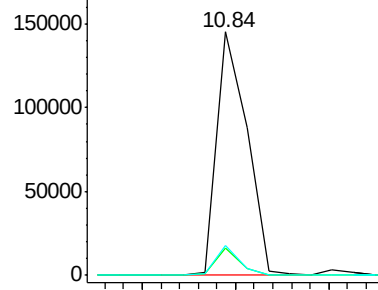
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF081452.D
 Acq: 5 Sep 2015 8:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-2WS

Tot Ion:188 Resp: 163722
 Ion Ratio Lower Upper
 188 100
 94 11.4 11.1 16.7
 80 12.5 11.0 16.4

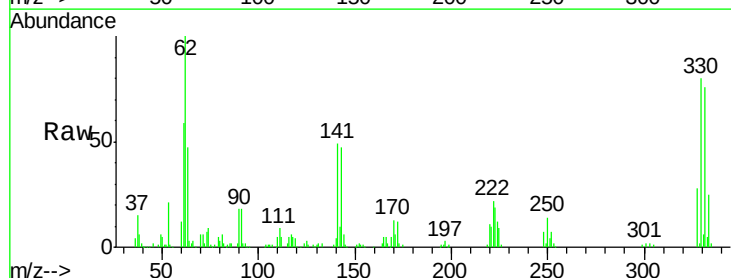


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

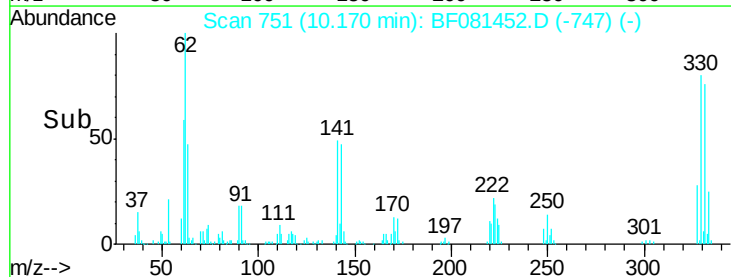
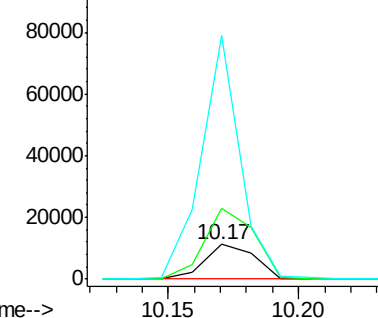


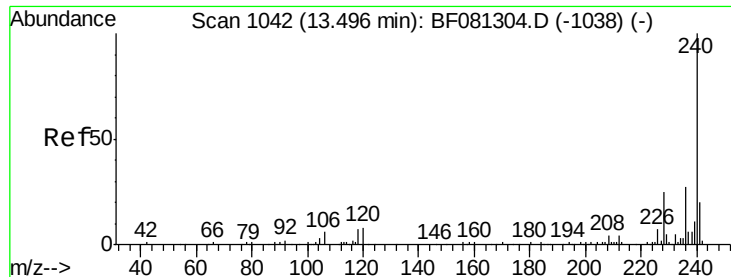
#66
 4-Bromophenyl-phenylether
 Concen: 9.16 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF081452.D
 Acq: 5 Sep 2015 8:09

Tgt Ion:248 Resp: 15160
 Ion Ratio Lower Upper
 248 100
 250 202.3 78.5 117.7#
 141 701.1 59.0 88.6#



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: 13.45 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF081452.D

Acq: 5 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SB-2WS

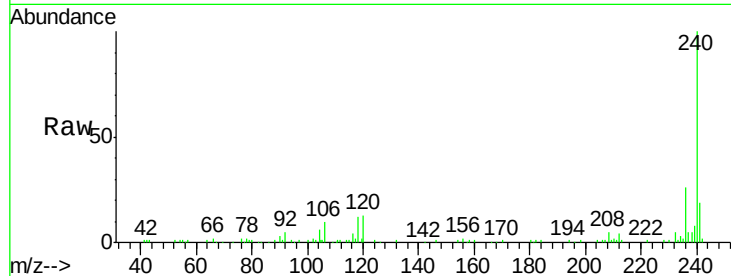
Tot Ion:240 Resp: 109121

Ion Ratio Lower Upper

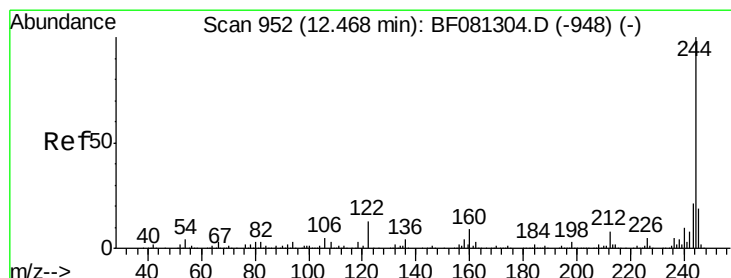
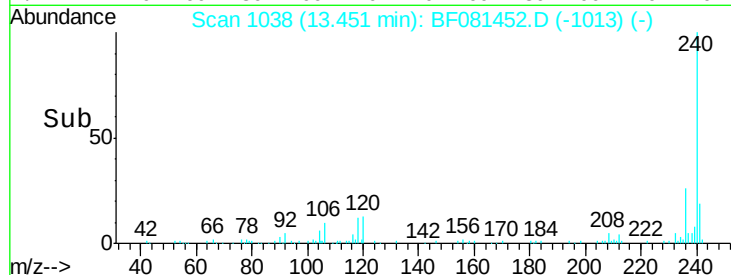
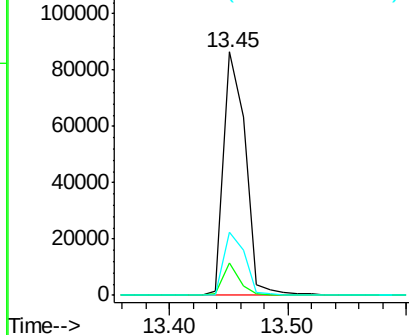
240 100

120 13.1 16.2 24.2#

236 25.8 18.4 27.6



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: 200.07 ng

RT: 12.44 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF081452.D

Acq: 5 Sep 2015 8:09

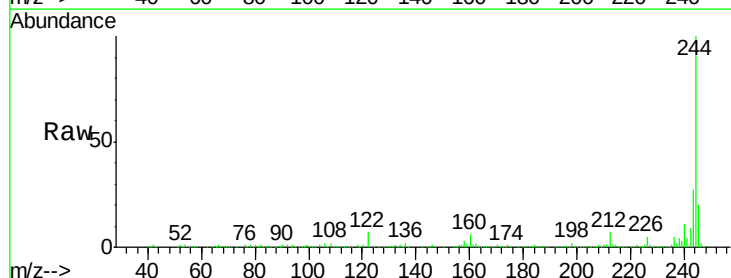
Tgt Ion:244 Resp: 937872

Ion Ratio Lower Upper

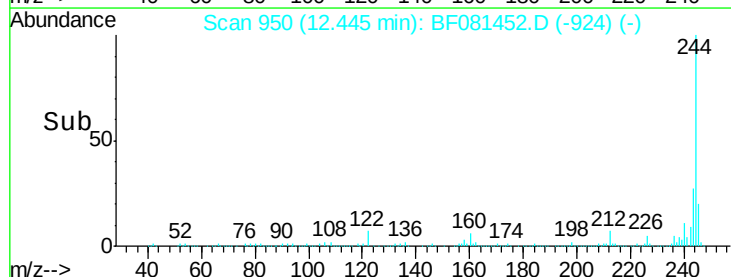
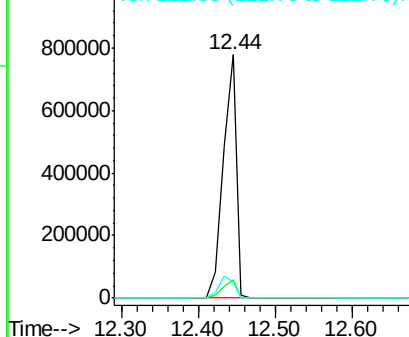
244 100

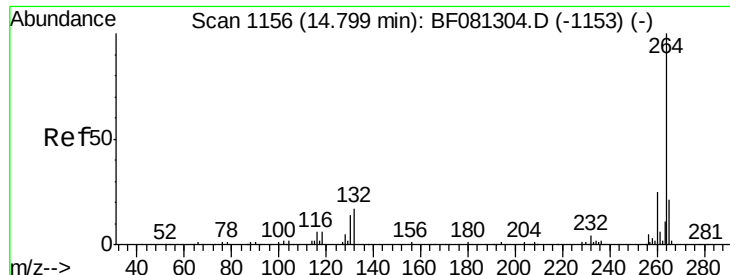
212 7.3 4.3 6.5#

122 6.5 17.4 26.2#



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



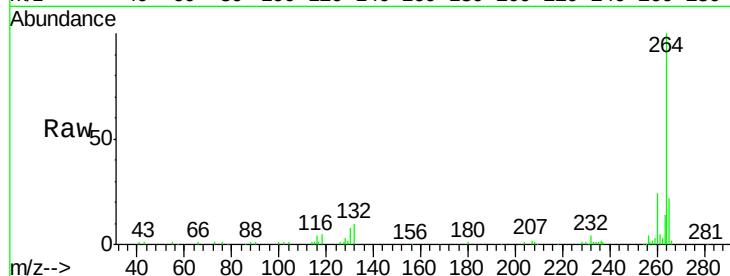


#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF081452.D
Acq: 5 Sep 2015 8:09

Instrument :
BNA_F
ClientSampleId :
SB-2WS

Tot Ion: 264 Resp: 82178

Ion	Ratio	Lower	Upper
264	100		
260	23.5	16.7	25.1
265	21.9	17.2	25.8



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

