

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082201.D
 Acq On : 11 Oct 2015 3:41
 Operator : UM/IZ
 Sample : G3959-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PO-004

Quant Time: Oct 12 03:04:36 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 02:59:50 2015
 Response via : Initial Calibration

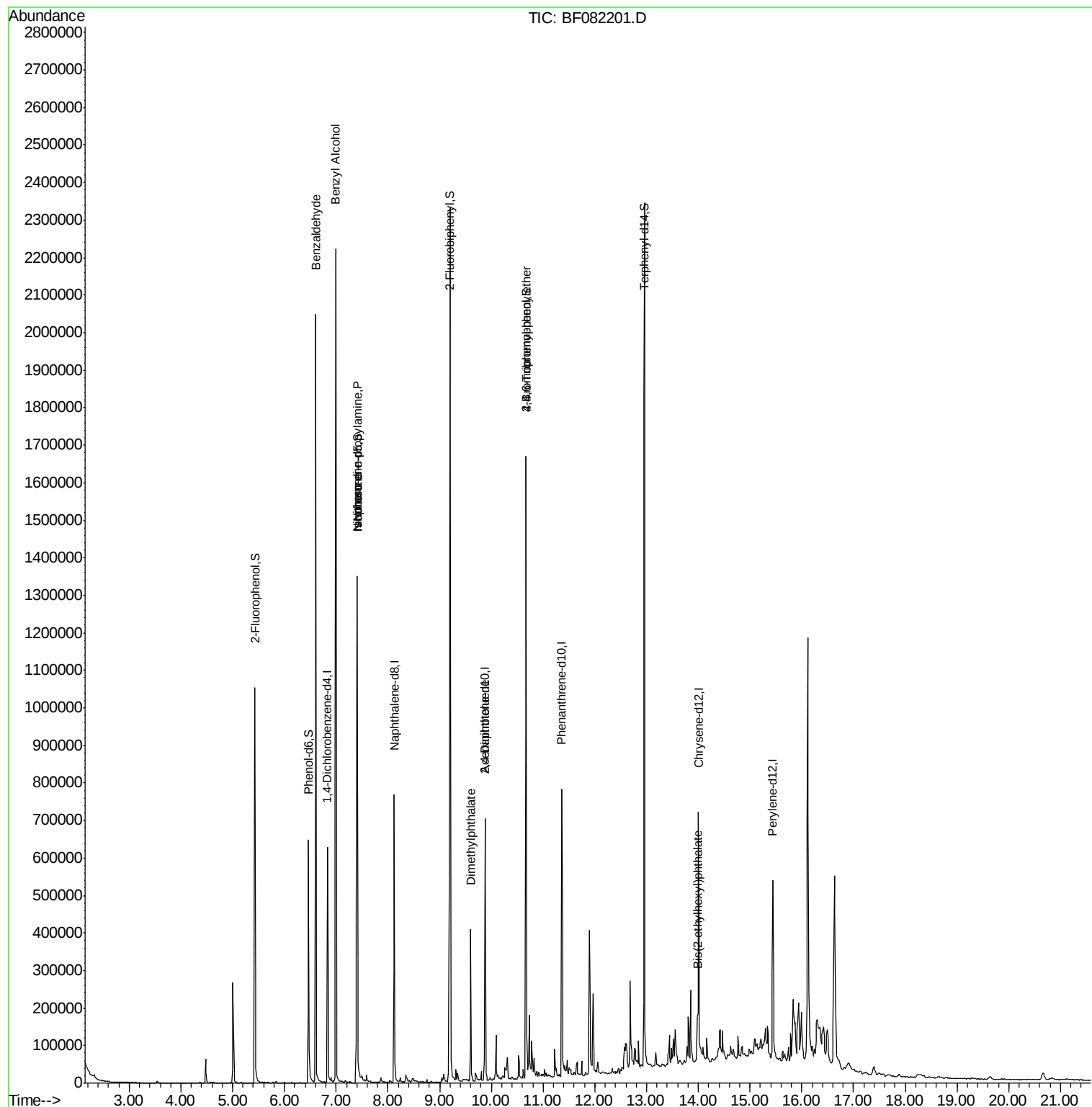
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	103929	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	417202	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	195921	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	345133	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	298806	20.00	ng	-0.01
86) Perylene-d12	15.44	264	232327	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	301492	58.55	ng	0.00
7) Phenol-d6	6.47	99	256443	38.27	ng	-0.01
23) Nitrobenzene-d5	7.41	82	554736	89.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	258992	140.96	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1172795	99.27	ng	-0.01
78) Terphenyl-d14	12.96	244	1063745	94.34	ng	0.00
Target Compounds						
9) Benzaldehyde	6.61	77	13563	3.96	ng	Qvalue 80
15) Benzyl Alcohol	6.99	79	10176	2.20	ng	# 50
19) n-Nitroso-di-n-propylamine	7.41	70	72057	15.31	ng	# 80
25) Isophorone	7.41	82	436893	34.84	ng	# 66
49) Dimethylphthalate	9.60	163	178608	12.95	ng	99
55) 4-Nitrophenol	10.09	139	265	Below Cal	#	69
56) 2,4-Dinitrotoluene	9.87	165	24204	6.65	ng	# 23
66) 4-Bromophenyl-phenylether	10.67	248	18211	5.27	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.99	149	44857	3.89	ng	# 97

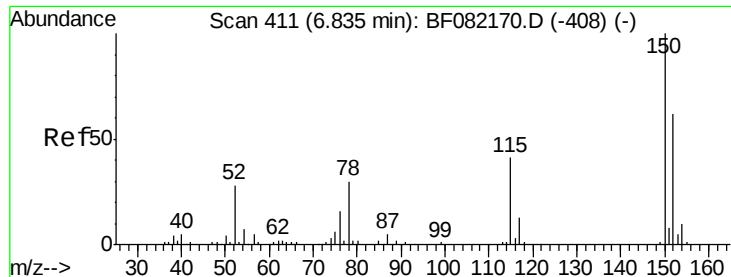
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF082201.D

Acq: 11 Oct 2015 3:41

Instrument :

BNA_F

ClientSampleId :

PO-004

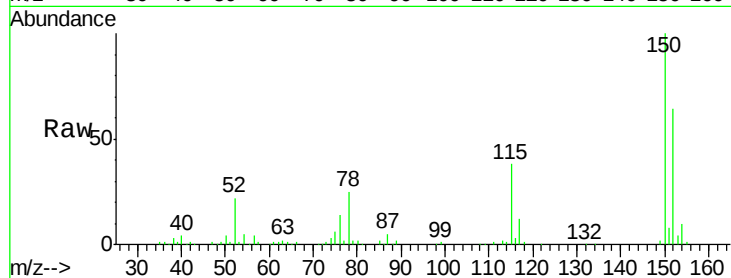
Tot Ion:152 Resp: 103929

Ion Ratio Lower Upper

152 100

150 155.9 129.0 193.4

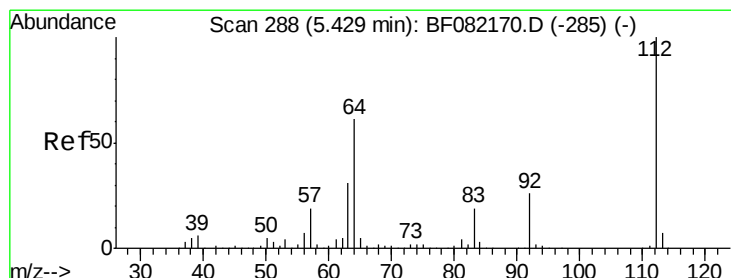
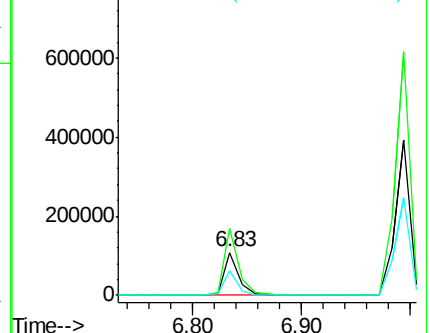
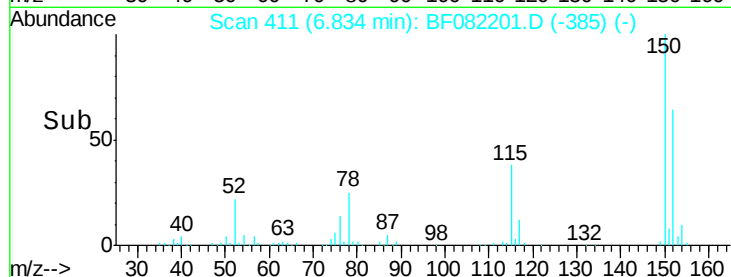
115 58.7 52.1 78.1



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: 58.55 ng

RT: 5.43 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF082201.D

Acq: 11 Oct 2015 3:41

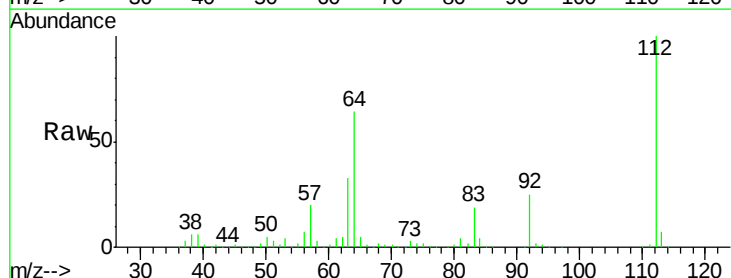
Tgt Ion:112 Resp: 301492

Ion Ratio Lower Upper

112 100

64 64.0 48.6 73.0

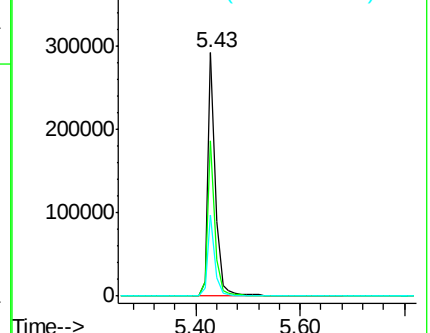
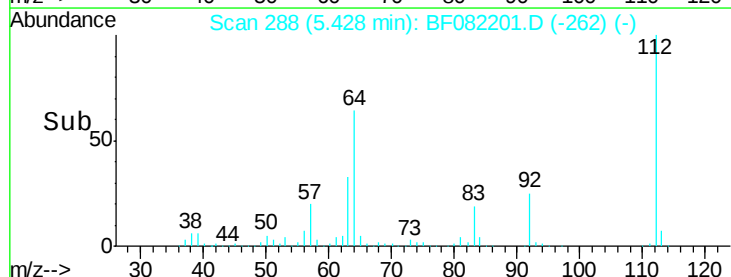
63 33.2 25.1 37.7



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: 38.27 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF082201.D

Acq: 11 Oct 2015 3:41

Instrument :

BNA_F

ClientSampleId :

PO-004

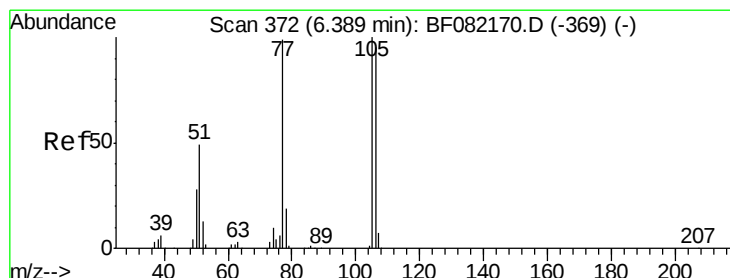
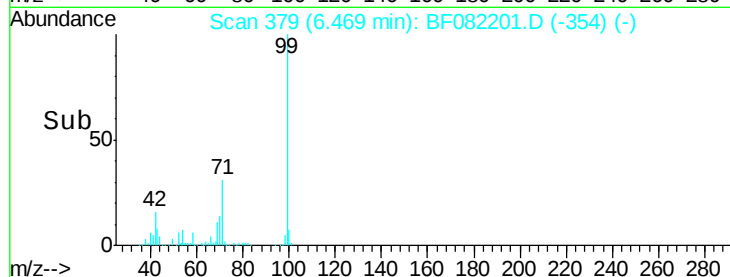
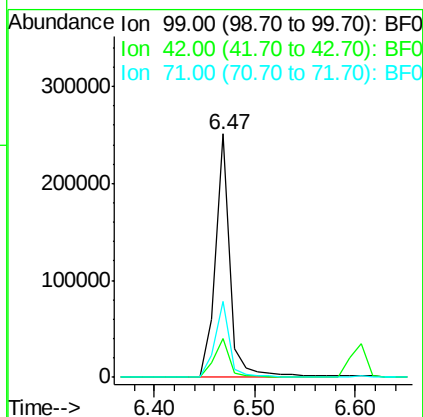
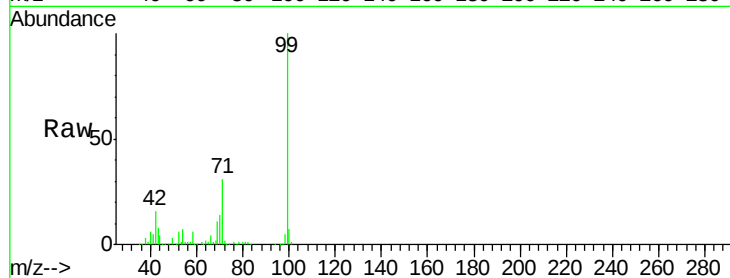
Tot Ion: 99 Resp: 256443

Ion Ratio Lower Upper

99 100

42 15.8 13.2 19.8

71 31.0 25.6 38.4



#9

Benzaldehyde

Concen: 3.96 ng

RT: 6.61 min Scan# 391

Delta R.T. 0.22 min

Lab File: BF082201.D

Acq: 11 Oct 2015 3:41

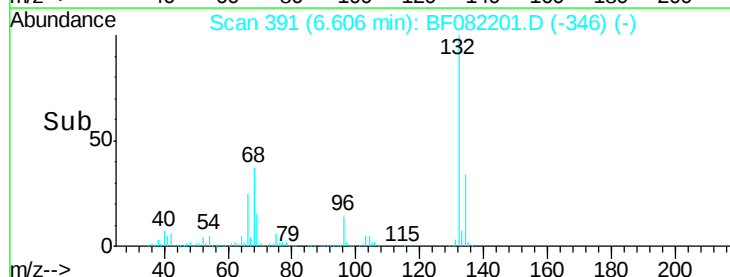
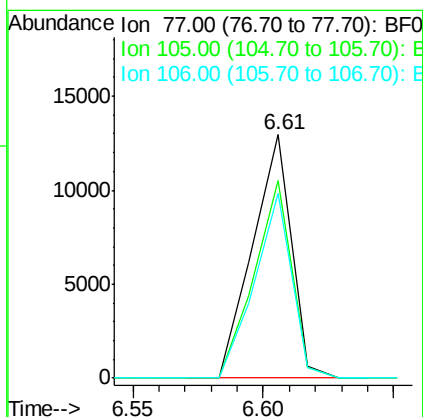
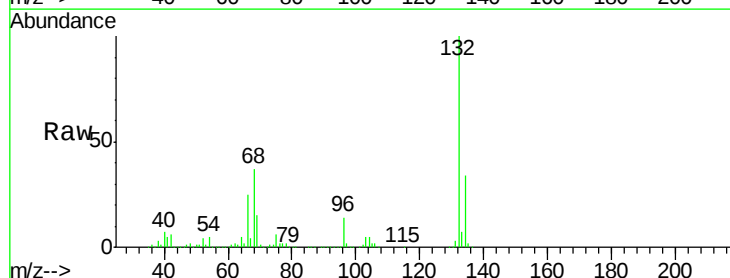
Tgt Ion: 77 Resp: 13563

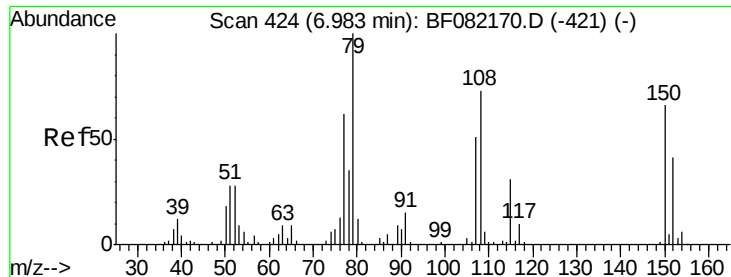
Ion Ratio Lower Upper

77 100

105 81.0 80.6 120.6

106 75.7 75.5 115.5





#15

Benzyl Alcohol

Concen: 2.20 ng

RT: 6.99 min Scan# 425

Delta R.T. 0.01 min

Lab File: BF082201.D

Acq: 11 Oct 2015 3:41

Instrument :

BNA_F

ClientSampled :

PO-004

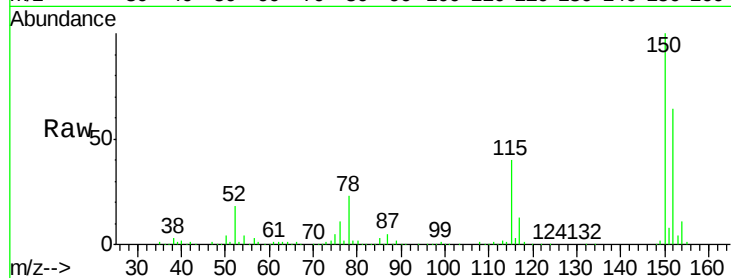
Tot Ion: 79 Resp: 10176

Ion Ratio Lower Upper

79 100

108 34.2 58.4 87.6#

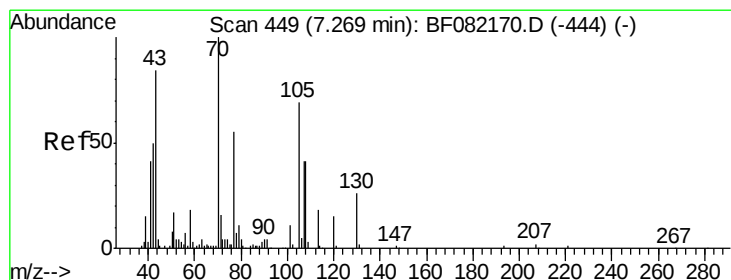
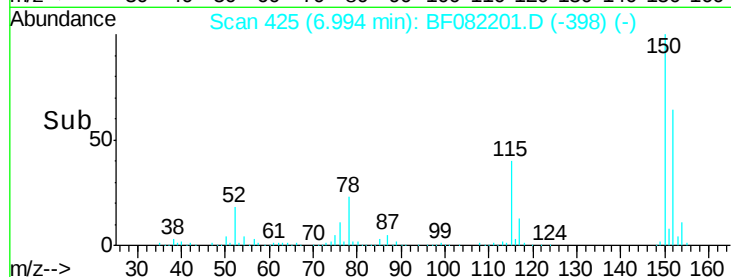
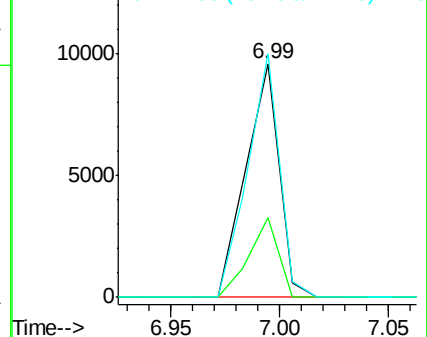
77 104.3 49.8 74.6#



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.31 ng

RT: 7.41 min Scan# 461

Delta R.T. 0.15 min

Lab File: BF082201.D

Acq: 11 Oct 2015 3:41

Tgt Ion: 70 Resp: 72057

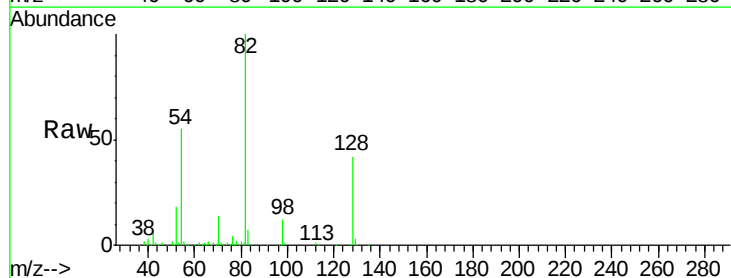
Ion Ratio Lower Upper

70 100

42 46.0 39.8 59.8

101 0.0 8.6 13.0#

130 2.3 20.5 30.7#

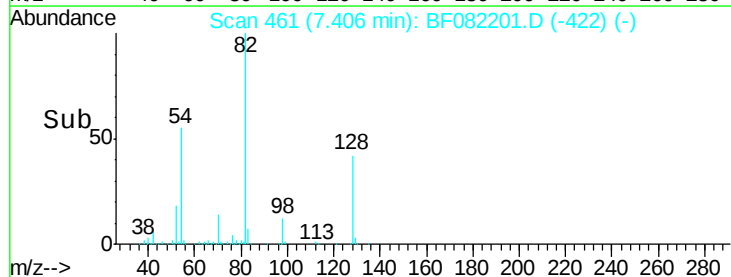
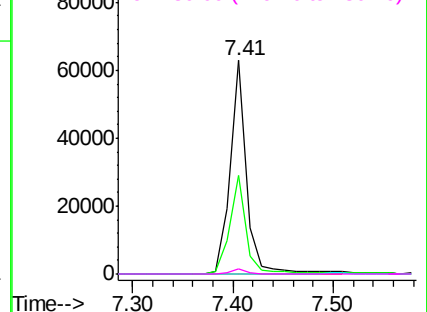


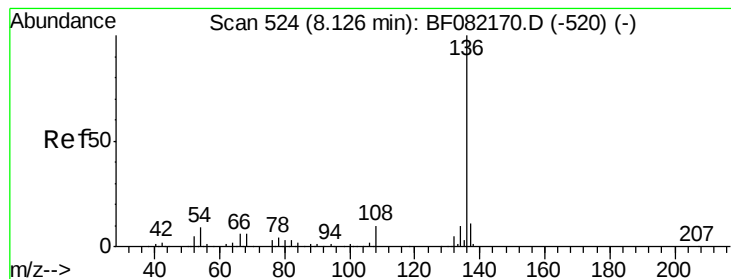
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF082201.D

Acq: 11 Oct 2015 3:41

Instrument :

BNA_F

ClientSampleId :

PO-004

Tot Ion:136 Resp: 417202

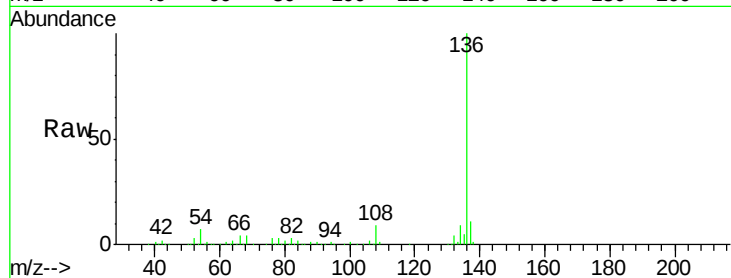
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 6.7 7.5 11.3#

68 4.5 4.6 7.0#

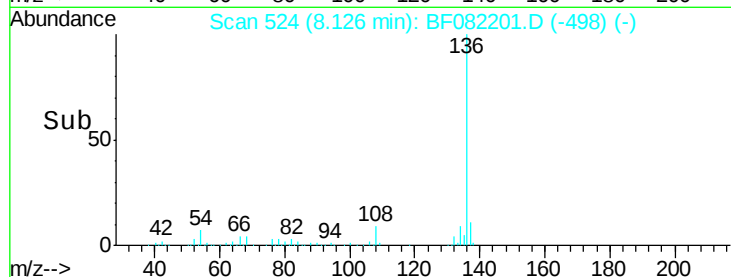


Abundance Ion 136.00 (135.70 to 136.70): E

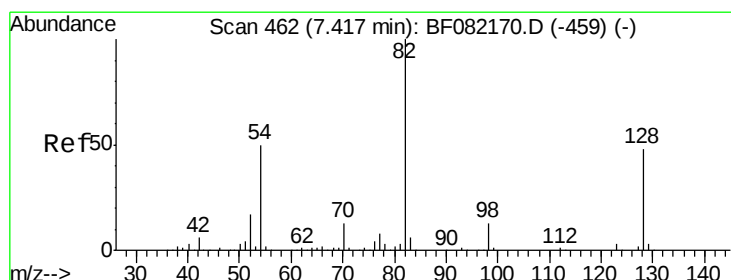
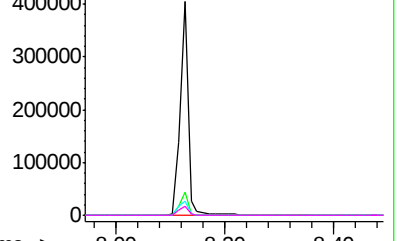
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 89.29 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF082201.D

Acq: 11 Oct 2015 3:41

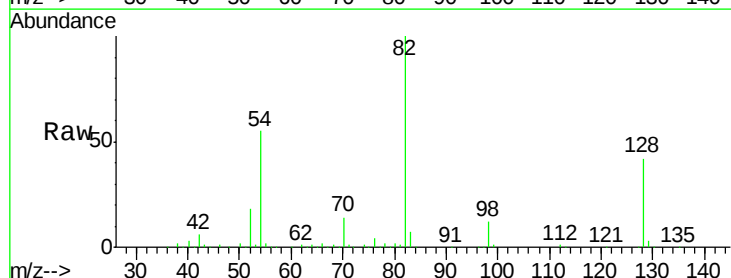
Tgt Ion: 82 Resp: 554736

Ion Ratio Lower Upper

82 100

128 42.2 38.7 58.1

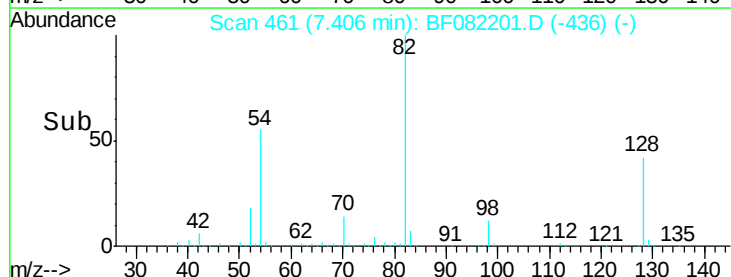
54 54.7 40.1 60.1



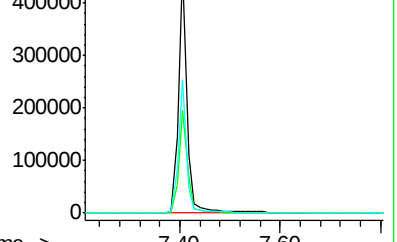
Abundance Ion 82.00 (81.70 to 82.70): BF0

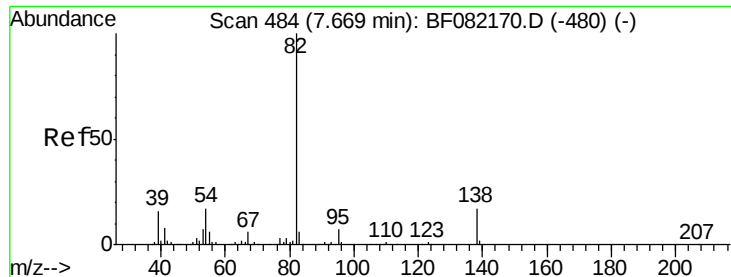
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

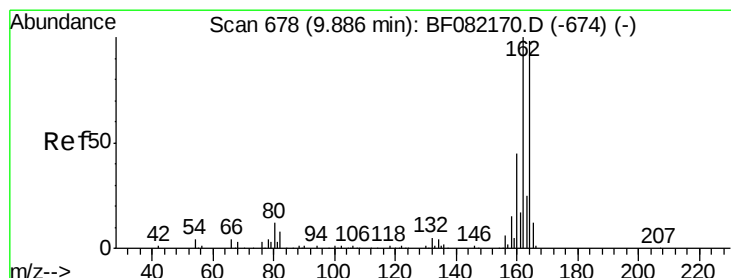
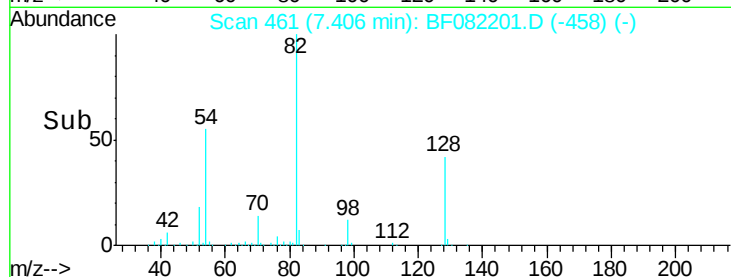
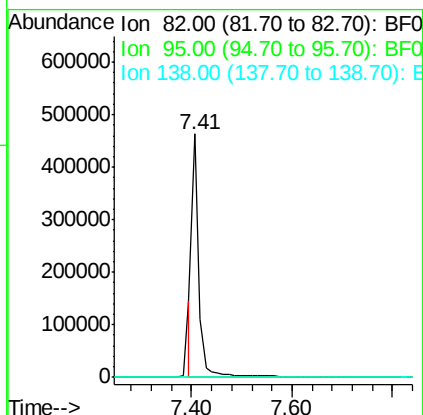
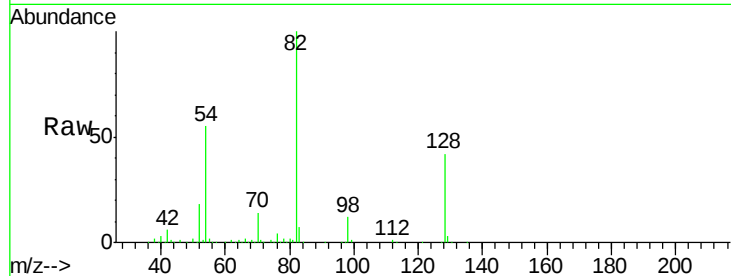




#25
Isophorone
Concen: 34.84 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.26 min
Lab File: BF082201.D
Acq: 11 Oct 2015 3:41

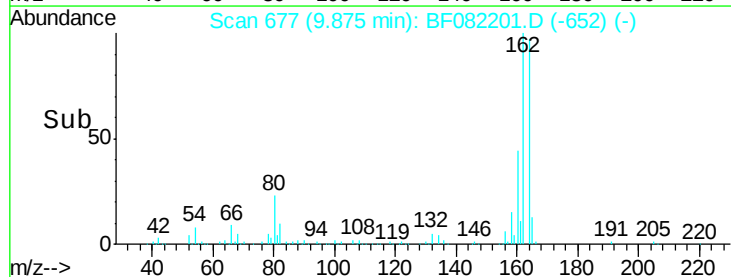
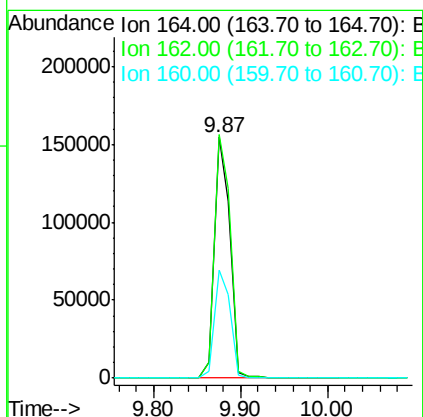
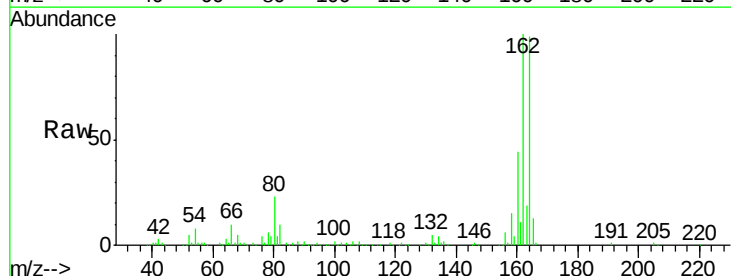
Instrument :
BNA_F
ClientSampleId :
PO-004

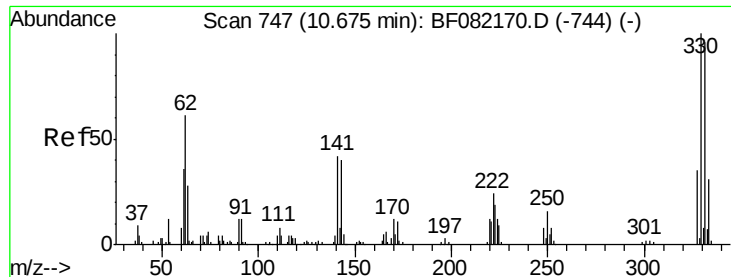
Tot Ion: 82 Resp: 436893
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 13.6 20.4#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF082201.D
Acq: 11 Oct 2015 3:41

Tgt Ion: 164 Resp: 195921
Ion Ratio Lower Upper
164 100
162 101.1 81.6 122.4
160 44.6 36.4 54.6

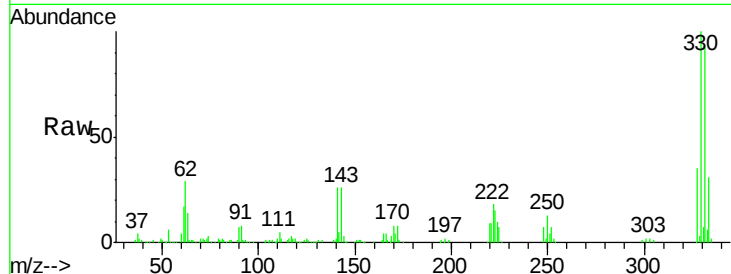




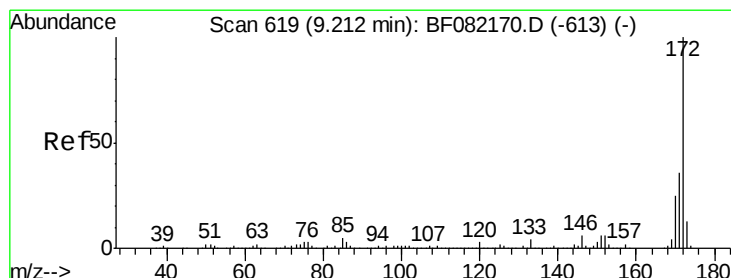
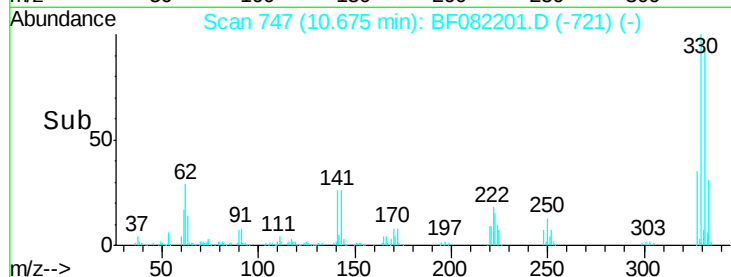
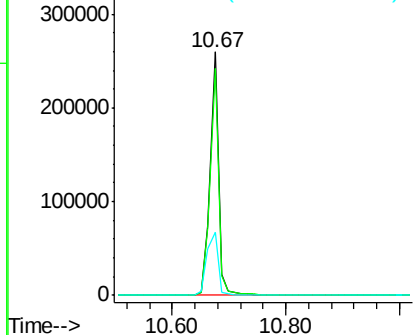
#41
 2,4,6-Tribromophenol
 Concen: 140.96 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082201.D
 Acq: 11 Oct 2015 3:41

Instrument :
 BNA_F
 ClientSampleId :
 PO-004

Tot Ion:330 Resp: 258992
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.1 115.7
 141 34.5 29.8 44.8

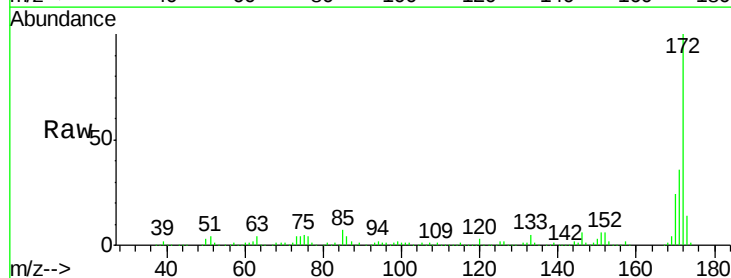


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

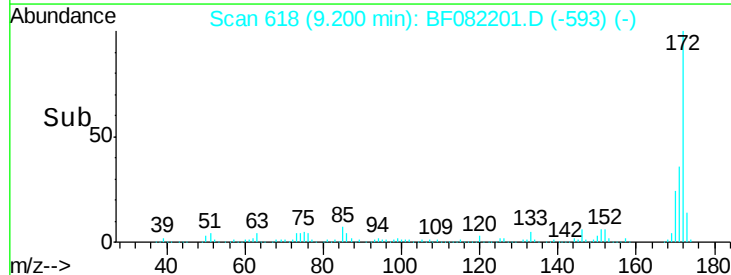
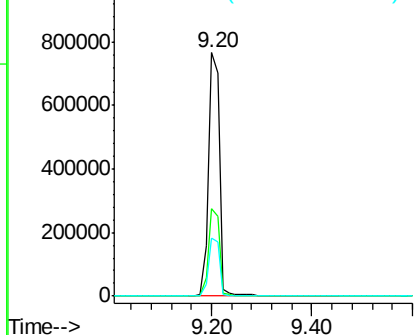


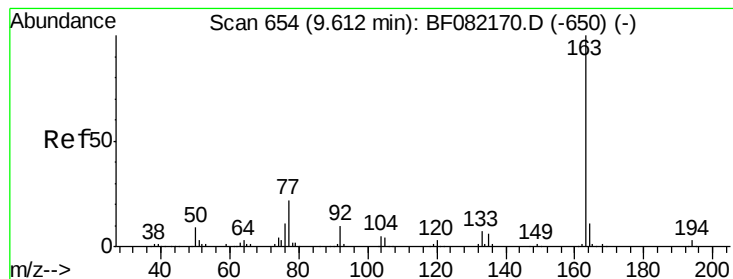
#44
 2-Fluorobiphenyl
 Concen: 99.27 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082201.D
 Acq: 11 Oct 2015 3:41

Tgt Ion:172 Resp: 1172795
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 42.8
 170 24.0 19.7 29.5



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: 12.95 ng

RT: 9.60 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF082201.D

Acq: 11 Oct 2015 3:41

Instrument :

BNA_F

ClientSampled :

PO-004

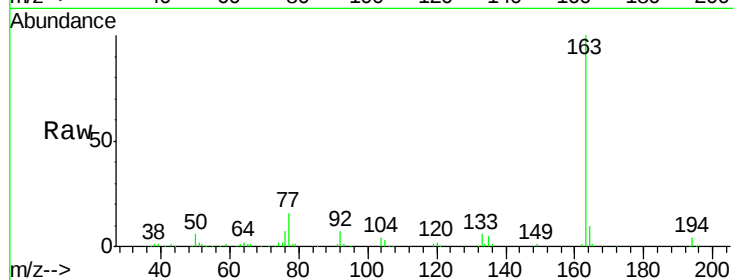
Tot Ion:163 Resp: 178608

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

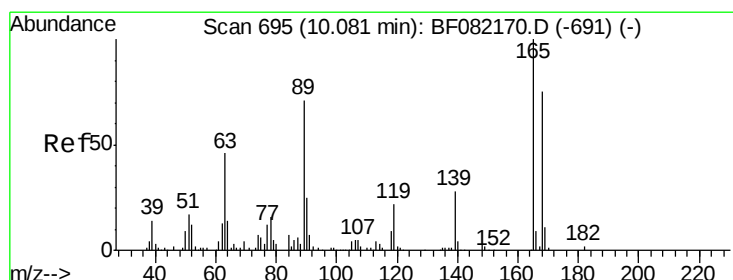
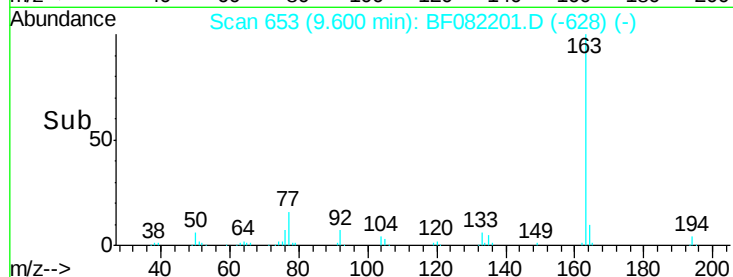
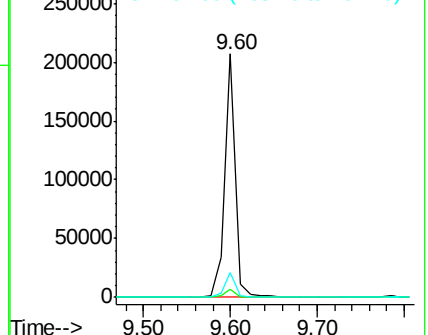
164 10.0 8.5 12.7



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: 6.65 ng

RT: 9.87 min Scan# 677

Delta R.T. -0.21 min

Lab File: BF082201.D

Acq: 11 Oct 2015 3:41

Tgt Ion:165 Resp: 24204

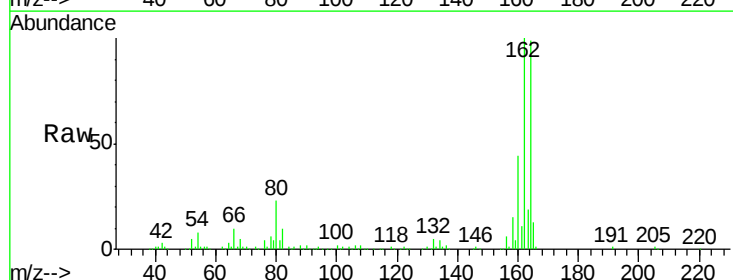
Ion Ratio Lower Upper

165 100

63 1.8 38.6 58.0#

89 1.7 57.0 85.6#

182 0.0 1.8 2.6#

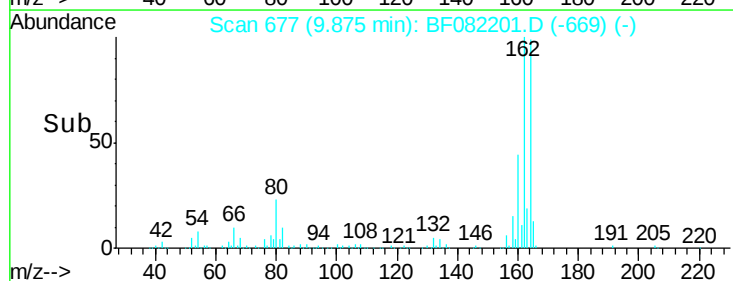
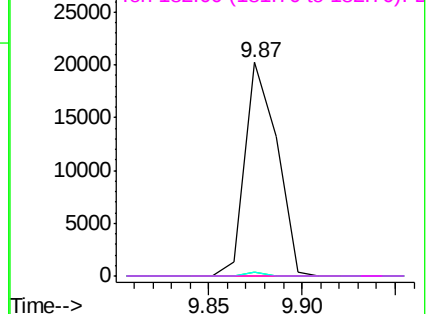


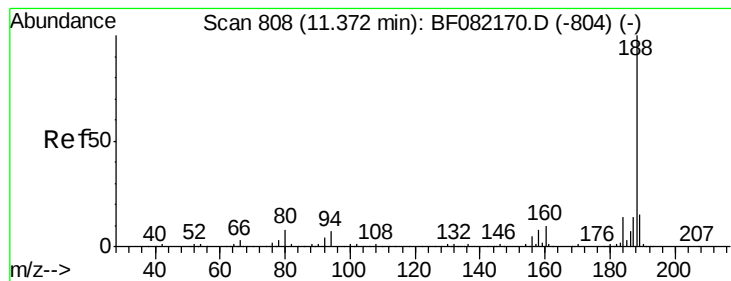
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.36 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF082201.D

Acq: 11 Oct 2015 3:41

Instrument :

BNA_F

ClientSampleId :

PO-004

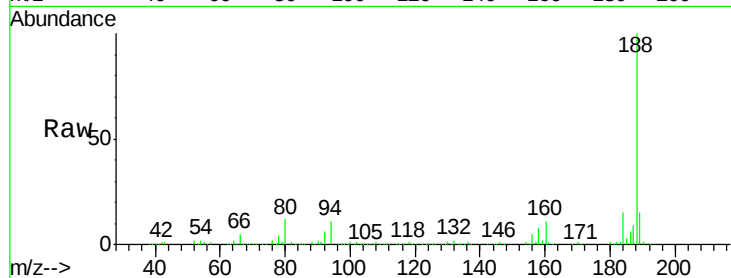
Tot Ion:188 Resp: 345133

Ion Ratio Lower Upper

188 100

94 11.0 5.8 8.6#

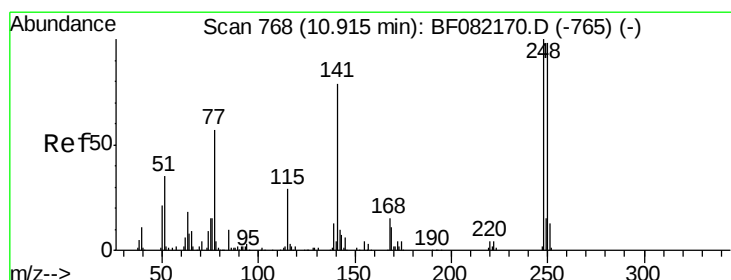
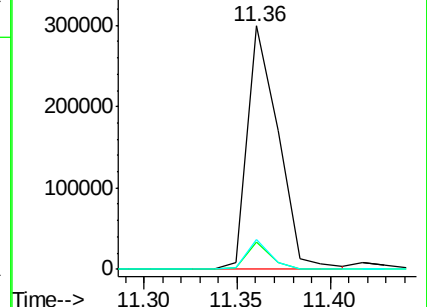
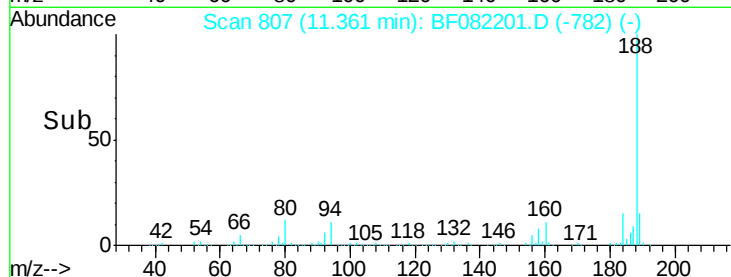
80 12.5 6.4 9.6#



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: 5.27 ng

RT: 10.67 min Scan# 747

Delta R.T. -0.24 min

Lab File: BF082201.D

Acq: 11 Oct 2015 3:41

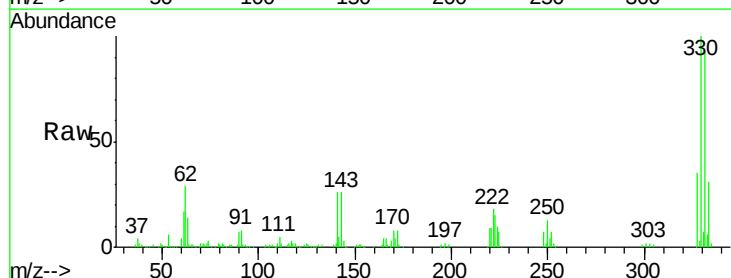
Tgt Ion:248 Resp: 18211

Ion Ratio Lower Upper

248 100

250 200.5 78.6 117.8#

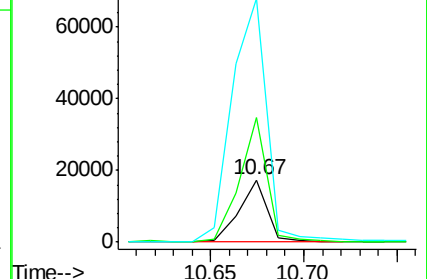
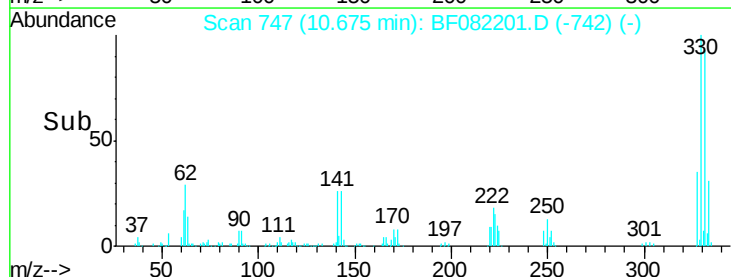
141 391.0 63.3 94.9#

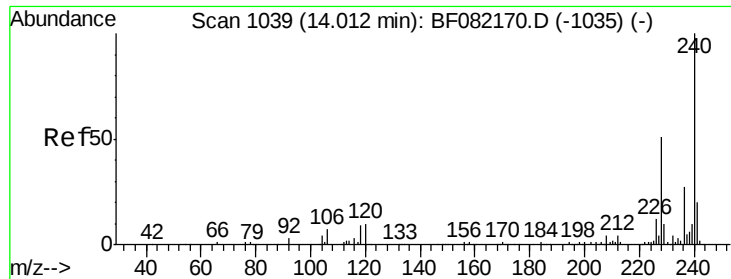


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.00 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF082201.D

Acq: 11 Oct 2015 3:41

Instrument :

BNA_F

ClientSampleId :

PO-004

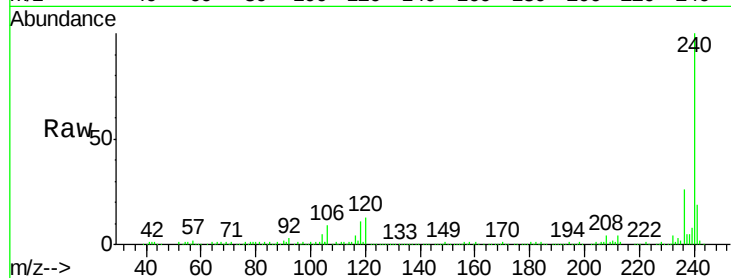
Tot Ion:240 Resp: 298806

Ion Ratio Lower Upper

240 100

120 12.5 8.1 12.1#

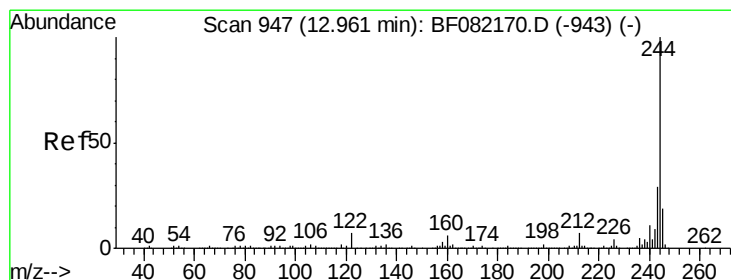
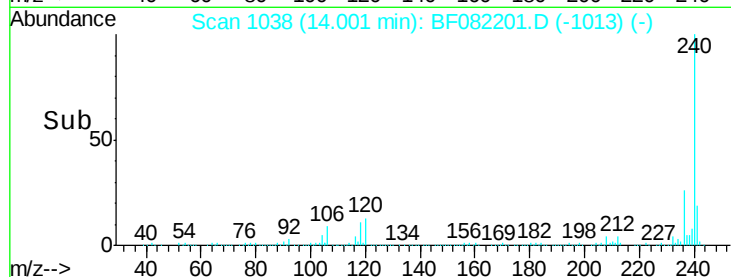
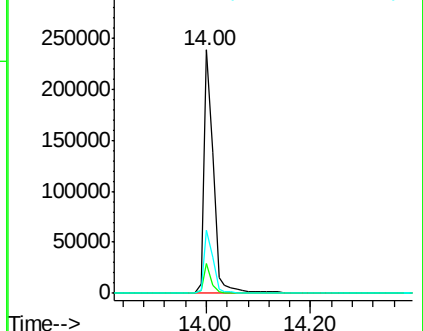
236 25.8 21.3 31.9



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: 94.34 ng

RT: 12.96 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF082201.D

Acq: 11 Oct 2015 3:41

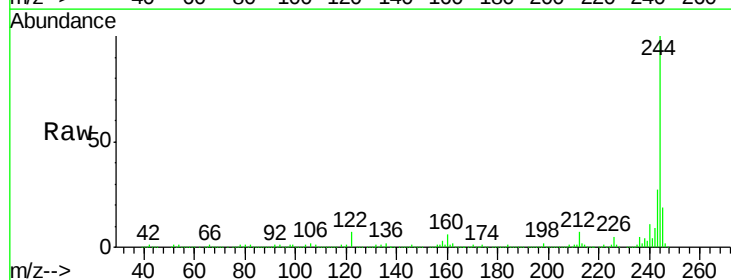
Tgt Ion:244 Resp: 1063745

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

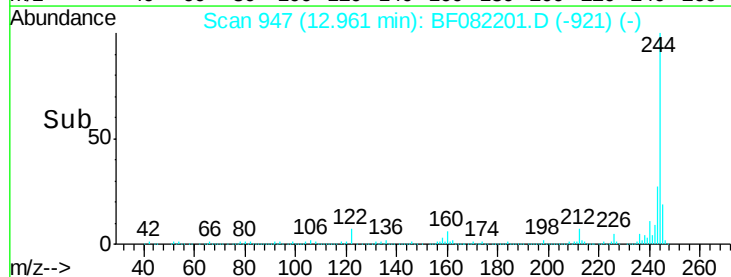
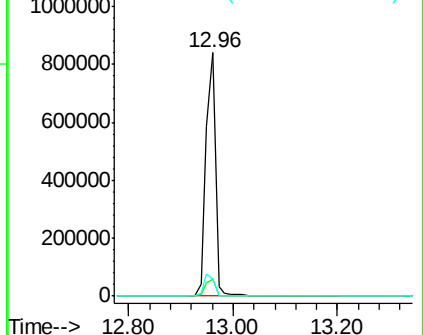
122 7.0 5.9 8.9

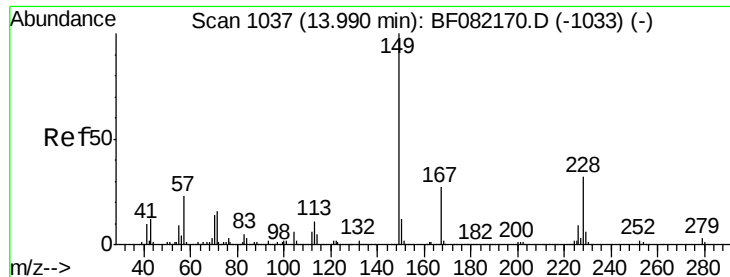


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

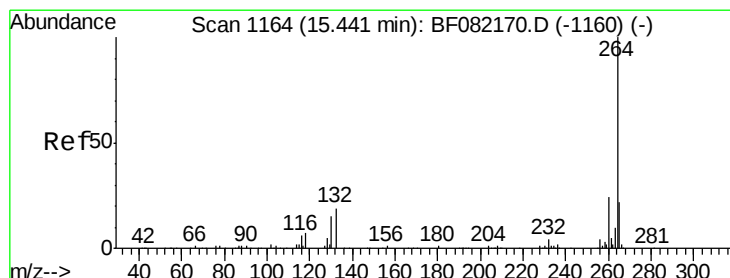
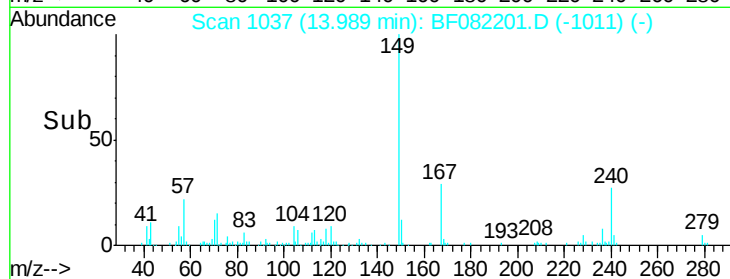
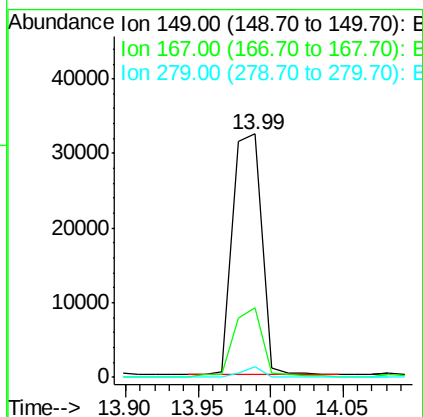
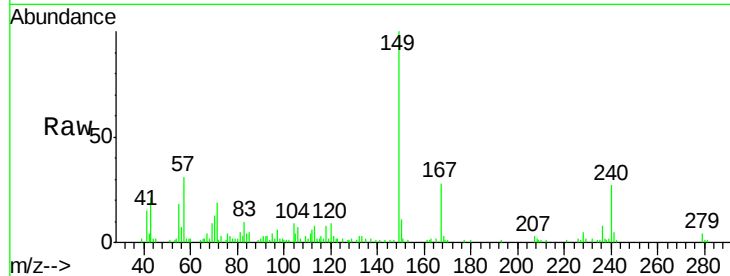




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.89 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF082201.D
 Acq: 11 Oct 2015 3:41

Instrument :
 BNA_F
 ClientSampleId :
 PO-004

Tot Ion:149 Resp: 44857
 Ion Ratio Lower Upper
 149 100
 167 28.3 21.3 31.9
 279 4.5 2.6 4.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF082201.D
 Acq: 11 Oct 2015 3:41

Tgt Ion:264 Resp: 232327
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 20.9 17.3 25.9

