

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082200.D
 Acq On : 11 Oct 2015 3:11
 Operator : UM/IZ
 Sample : G3959-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PO-002

Quant Time: Oct 12 03:04:22 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

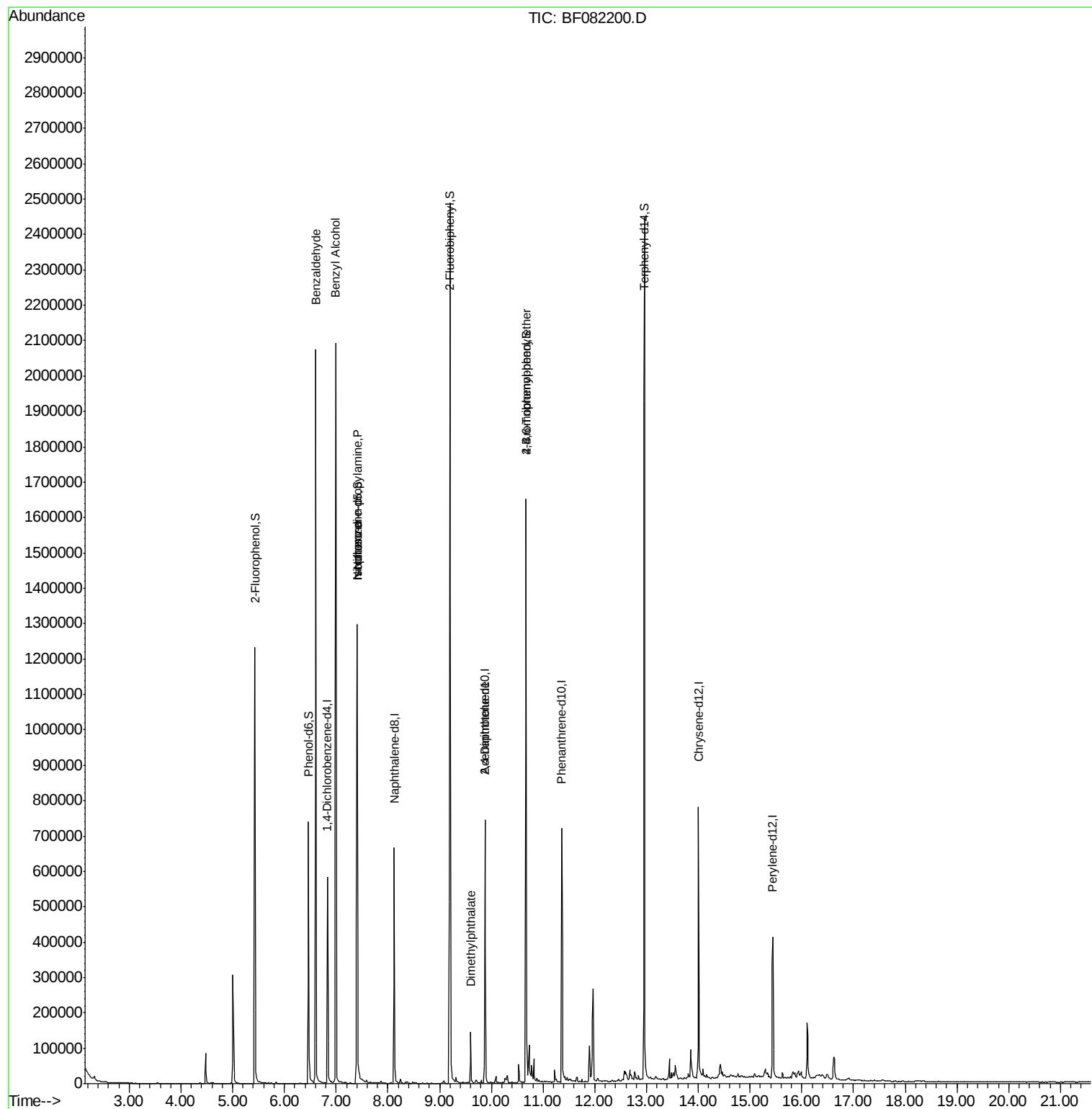
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	96250	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	373333	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	181748	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	351520	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	313513	20.00	ng	-0.01
86) Perylene-d12	15.44	264	236775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	343277	71.98	ng	0.00
7) Phenol-d6	6.47	99	300961	48.49	ng	-0.01
23) Nitrobenzene-d5	7.41	82	538502	96.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	266494	156.35	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1112646	101.52	ng	-0.01
78) Terphenyl-d14	12.96	244	1150731	97.26	ng	0.00
Target Compounds						
9) Benzaldehyde	6.61	77	14195	4.48	ng	# 80
15) Benzyl Alcohol	6.99	79	9482	2.21	ng	# 48
19) n-Nitroso-di-n-propylamine	7.41	70	69936	16.05	ng	# 81
25) Isophorone	7.41	82	412446	36.76	ng	# 66
49) Dimethylphthalate	9.60	163	75028	5.86	ng	98
56) 2,4-Dinitrotoluene	9.87	165	22623	6.70	ng	# 22
66) 4-Bromophenyl-phenylether	10.67	248	18324	5.21	ng	# 1

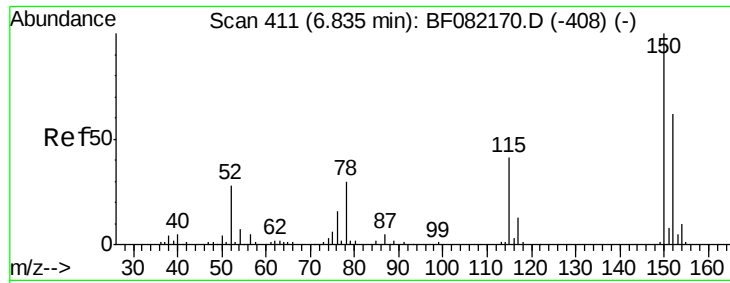
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF082200.D

Acq: 11 Oct 2015 3:11

Instrument :

BNA_F

ClientSampleId :

PO-002

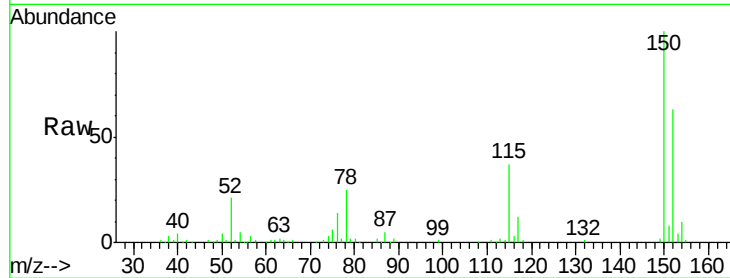
Tot Ion:152 Resp: 96250

Ion Ratio Lower Upper

152 100

150 157.8 129.0 193.4

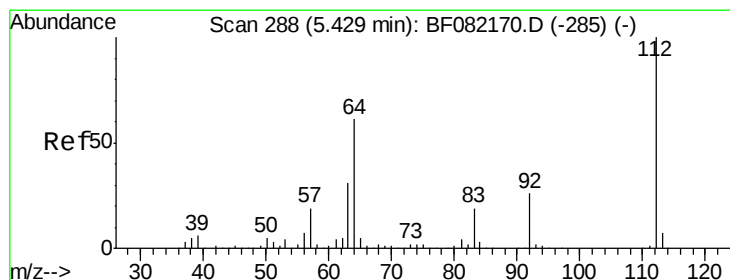
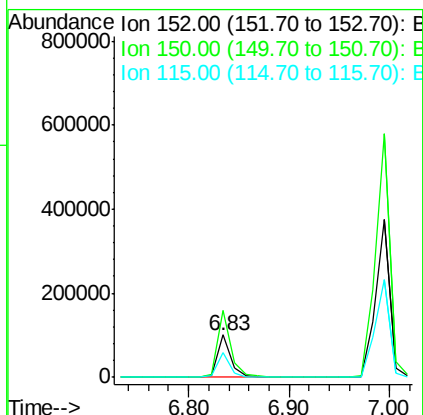
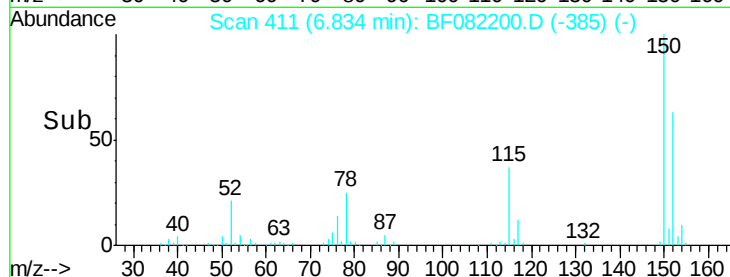
115 59.1 52.1 78.1



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: 71.98 ng

RT: 5.43 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF082200.D

Acq: 11 Oct 2015 3:11

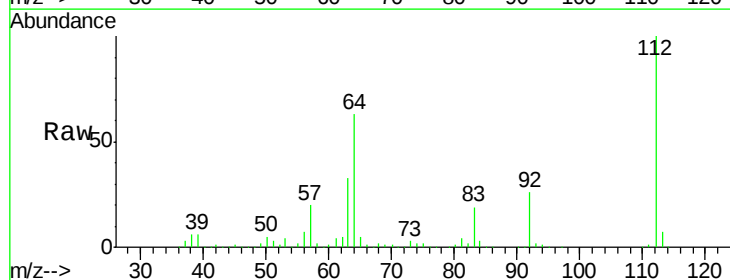
Tgt Ion:112 Resp: 343277

Ion Ratio Lower Upper

112 100

64 63.1 48.6 73.0

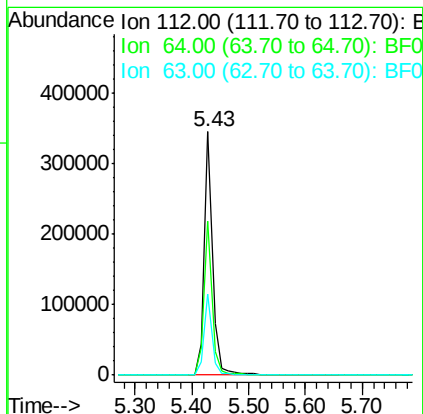
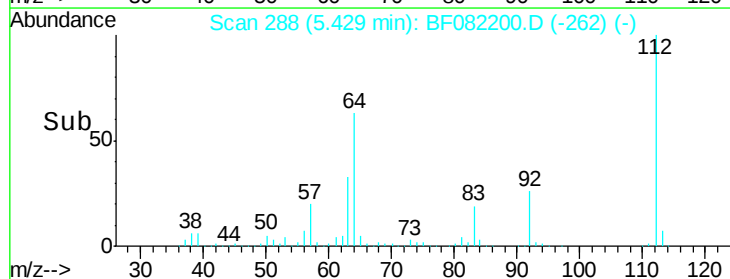
63 33.2 25.1 37.7



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: 48.49 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF082200.D

Acq: 11 Oct 2015 3:11

Instrument :

BNA_F

ClientSampleId :

PO-002

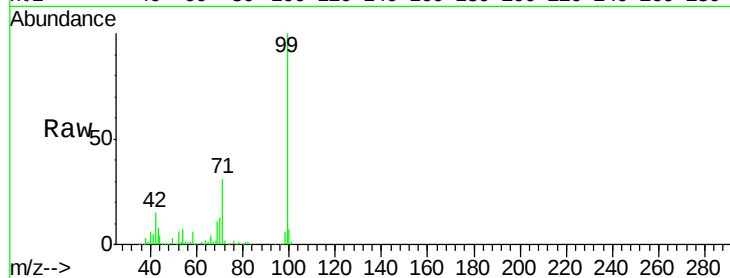
Tot Ion: 99 Resp: 300961

Ion Ratio Lower Upper

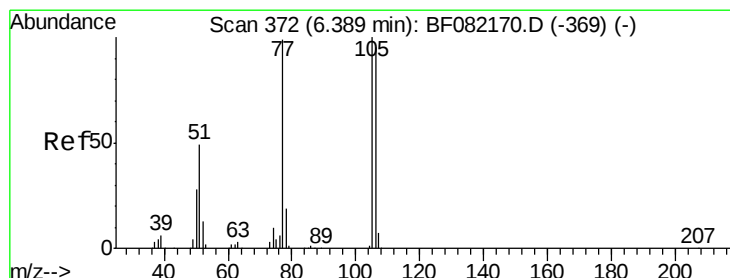
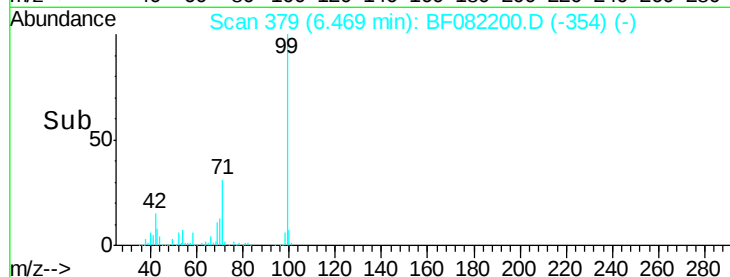
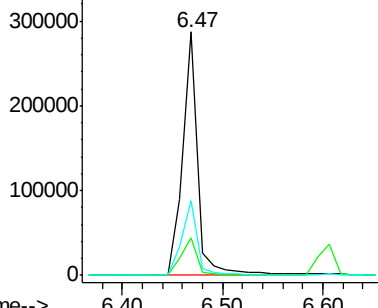
99 100

42 15.4 13.2 19.8

71 30.6 25.6 38.4



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: 4.48 ng

RT: 6.61 min Scan# 391

Delta R.T. 0.22 min

Lab File: BF082200.D

Acq: 11 Oct 2015 3:11

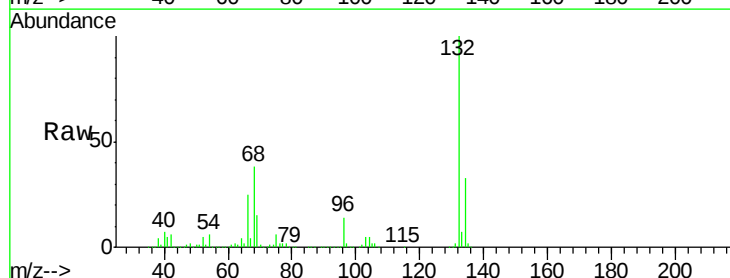
Tgt Ion: 77 Resp: 14195

Ion Ratio Lower Upper

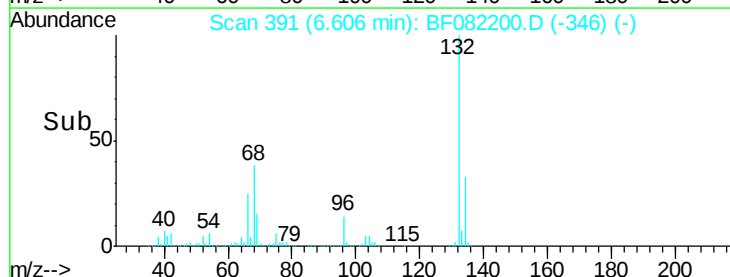
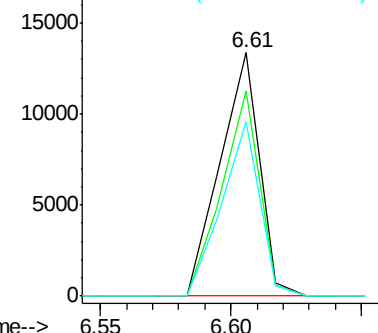
77 100

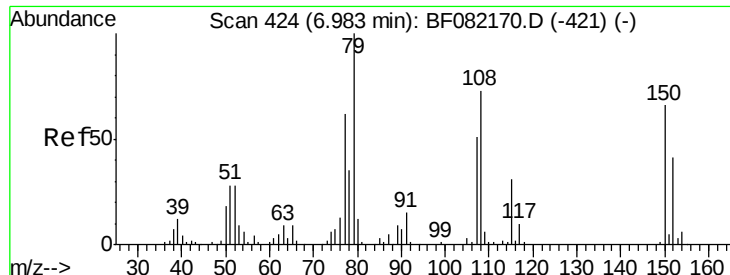
105 84.4 80.6 120.6

106 71.8 75.5 115.5#



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: 2.21 ng

RT: 6.99 min Scan# 425

Delta R.T. 0.01 min

Lab File: BF082200.D

Acq: 11 Oct 2015 3:11

Instrument :

BNA_F

ClientSampleId :

PO-002

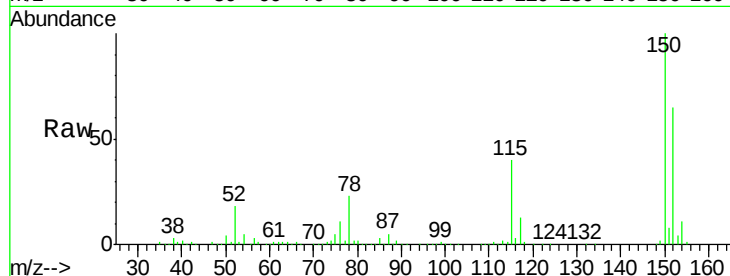
Tot Ion: 79 Resp: 9482

Ion Ratio Lower Upper

79 100

108 32.3 58.4 87.6#

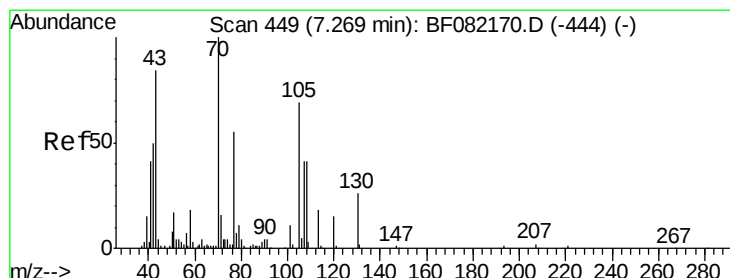
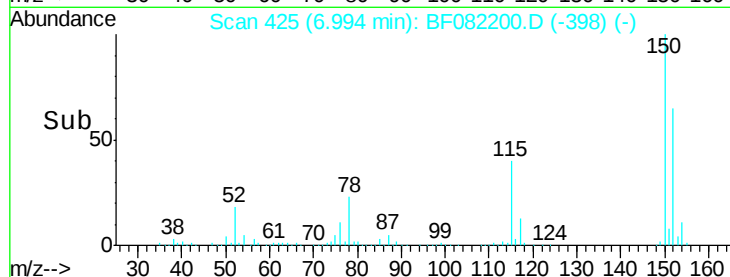
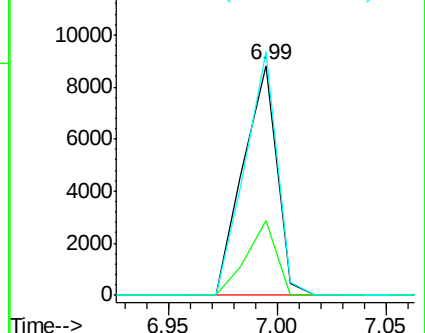
77 105.9 49.8 74.6#



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: 16.05 ng

RT: 7.41 min Scan# 461

Delta R.T. 0.15 min

Lab File: BF082200.D

Acq: 11 Oct 2015 3:11

Tgt Ion: 70 Resp: 69936

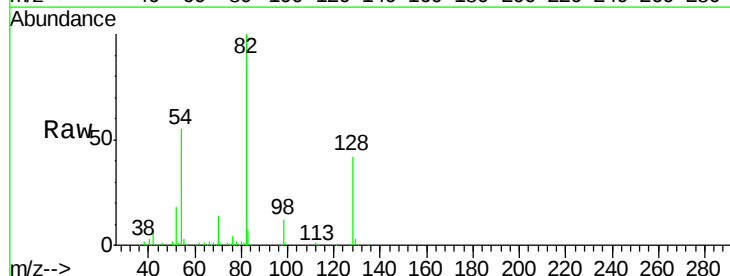
Ion Ratio Lower Upper

70 100

42 47.6 39.8 59.8

101 0.0 8.6 13.0#

130 2.2 20.5 30.7#

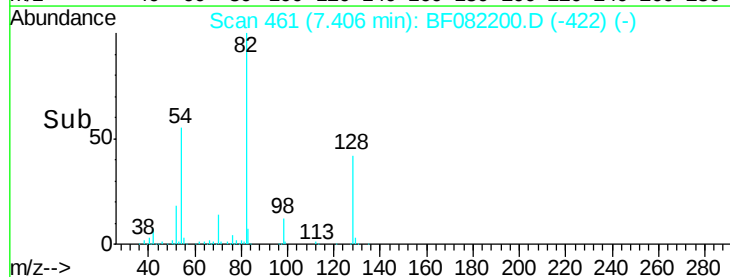
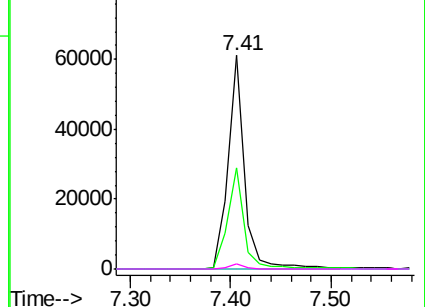


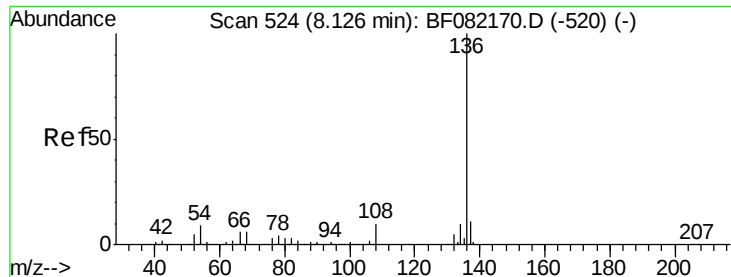
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF082200.D

Acq: 11 Oct 2015 3:11

Instrument :

BNA_F

ClientSampled :

PO-002

Tot Ion:136 Resp: 373333

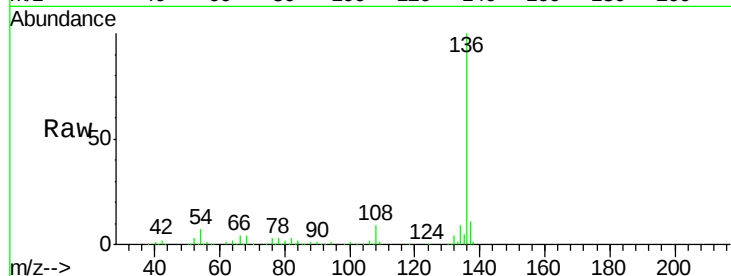
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 6.6 7.5 11.3#

68 4.3 4.6 7.0#

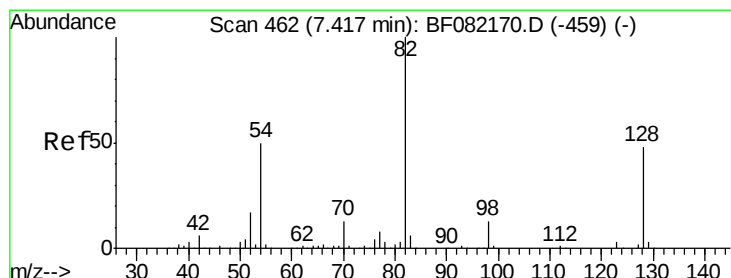
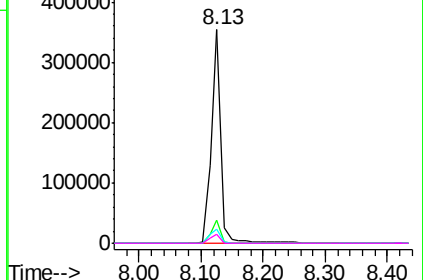
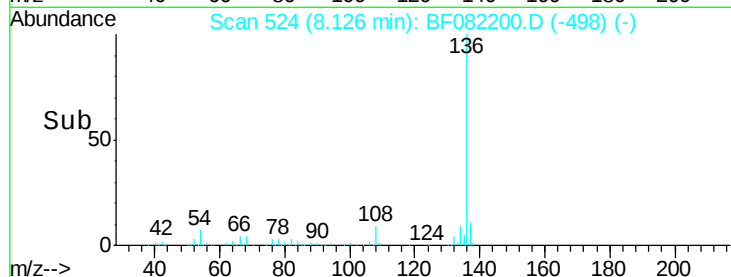


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 96.87 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF082200.D

Acq: 11 Oct 2015 3:11

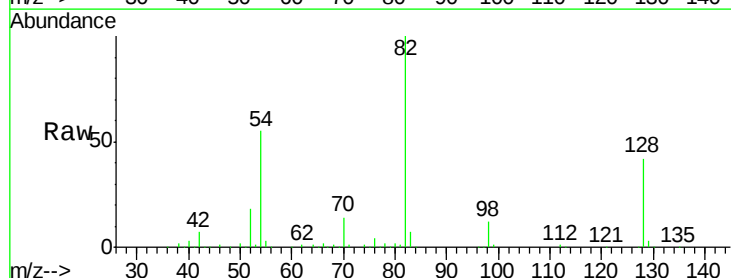
Tgt Ion: 82 Resp: 538502

Ion Ratio Lower Upper

82 100

128 42.4 38.7 58.1

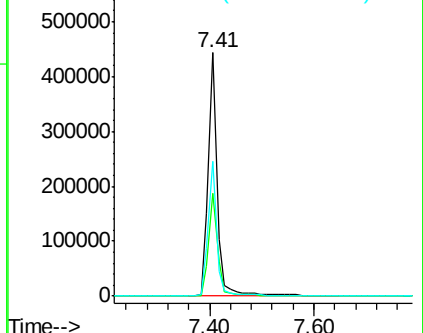
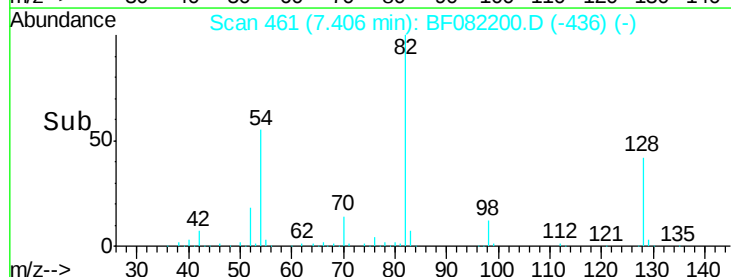
54 55.2 40.1 60.1

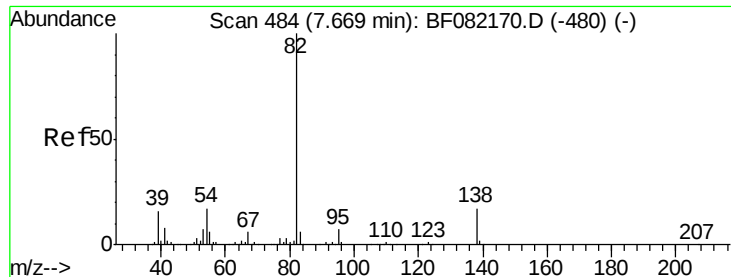


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 36.76 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.26 min

Lab File: BF082200.D

Acq: 11 Oct 2015 3:11

Instrument :

BNA_F

ClientSampleId :

PO-002

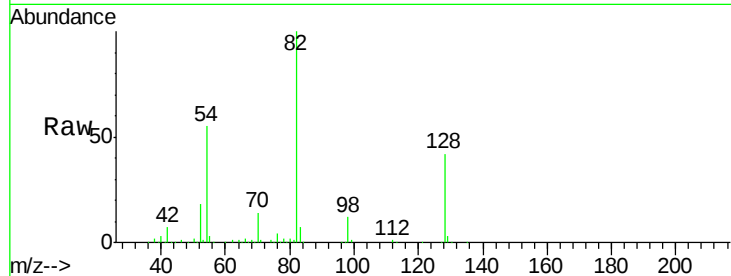
Tot Ion: 82 Resp: 412446

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

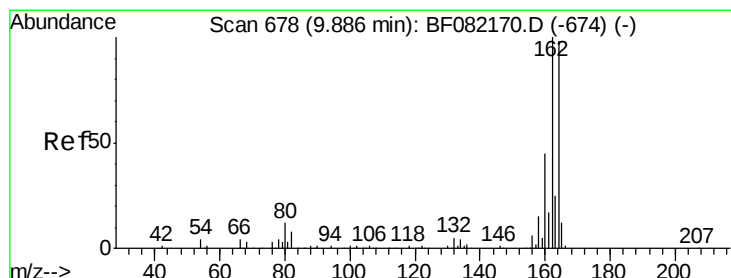
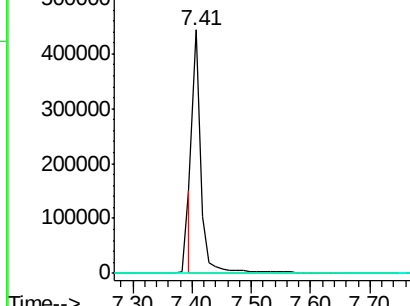
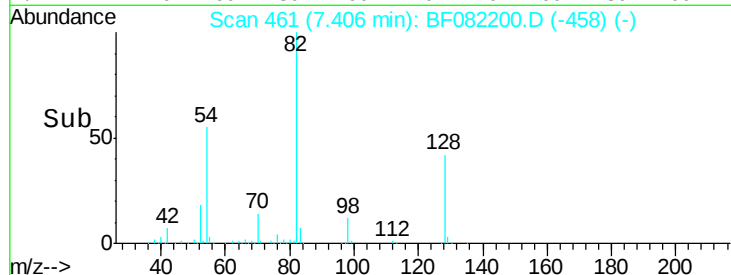
138 0.0 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF082200.D

Acq: 11 Oct 2015 3:11

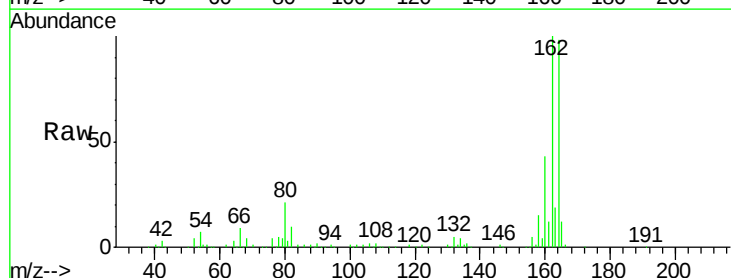
Tgt Ion: 164 Resp: 181748

Ion Ratio Lower Upper

164 100

162 101.6 81.6 122.4

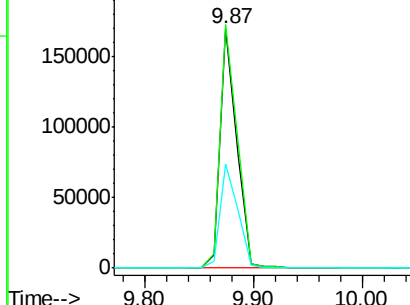
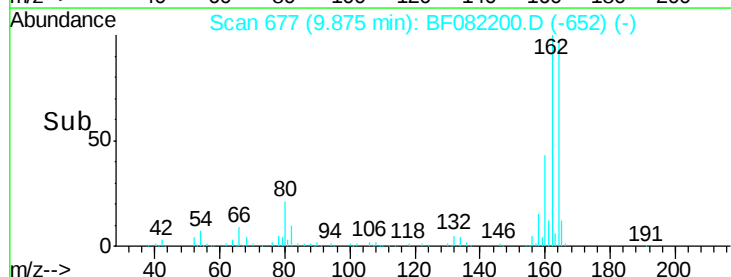
160 43.6 36.4 54.6

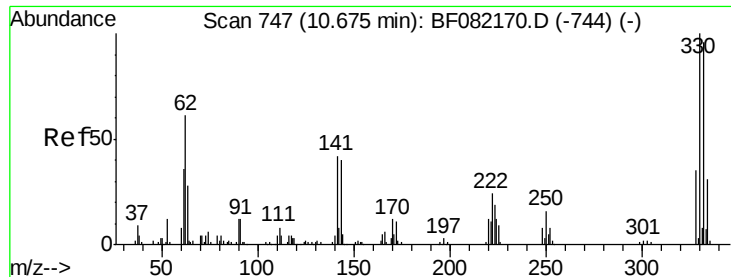


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

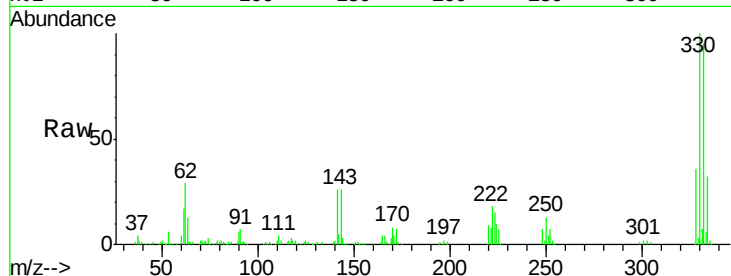




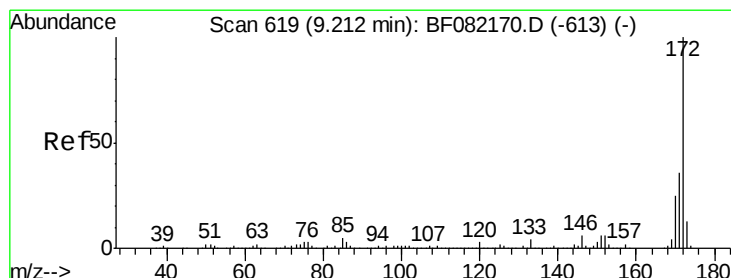
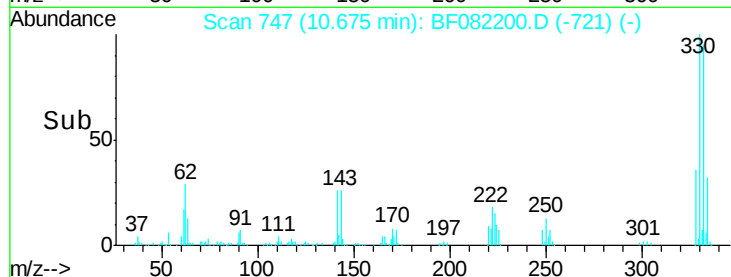
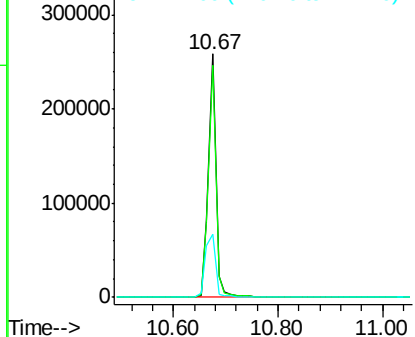
#41
 2,4,6-Tribromophenol
 Concen: 156.35 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082200.D
 Acq: 11 Oct 2015 3:11

Instrument :
 BNA_F
 ClientSampleId :
 PO-002

Tot Ion:330 Resp: 266494
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.1 115.7
 141 34.6 29.8 44.8

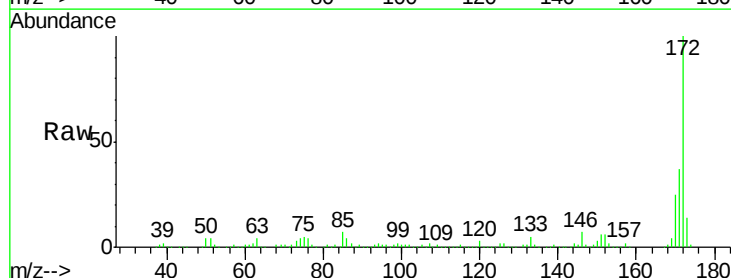


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

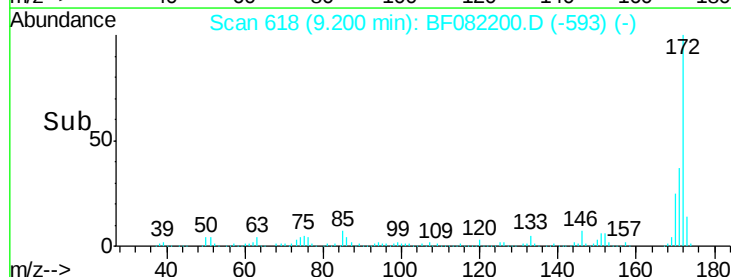
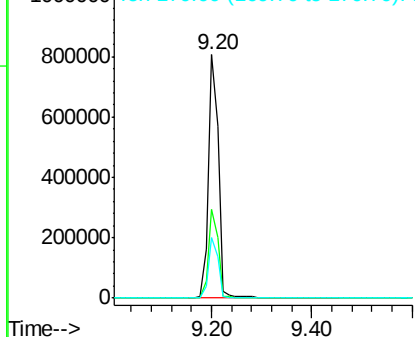


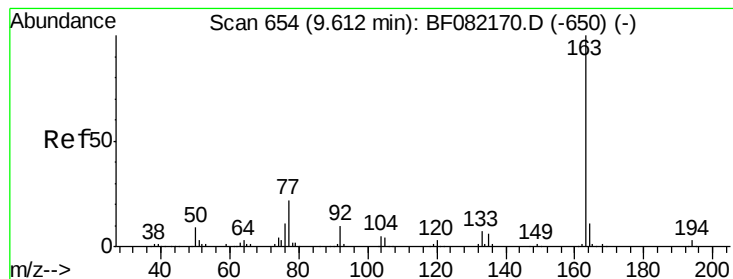
#44
 2-Fluorobiphenyl
 Concen: 101.52 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082200.D
 Acq: 11 Oct 2015 3:11

Tgt Ion:172 Resp: 1112646
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 42.8
 170 24.8 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: 5.86 ng

RT: 9.60 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF082200.D

Acq: 11 Oct 2015 3:11

Instrument :

BNA_F

ClientSampled :

PO-002

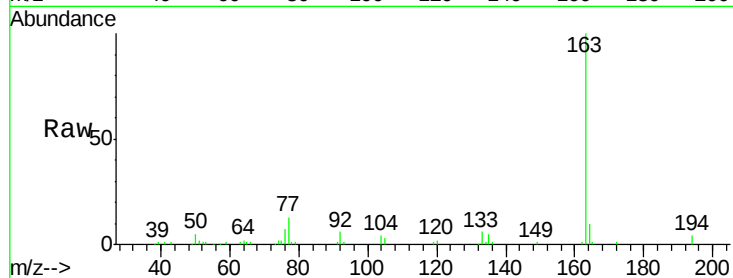
Tot Ion:163 Resp: 75028

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

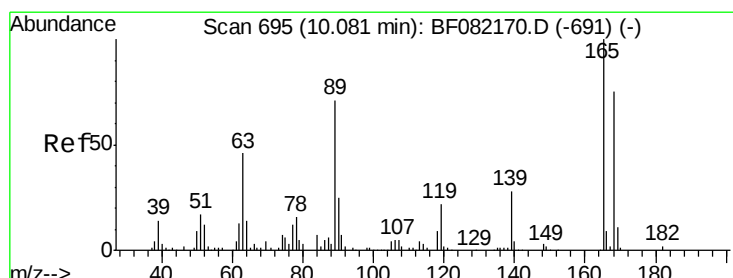
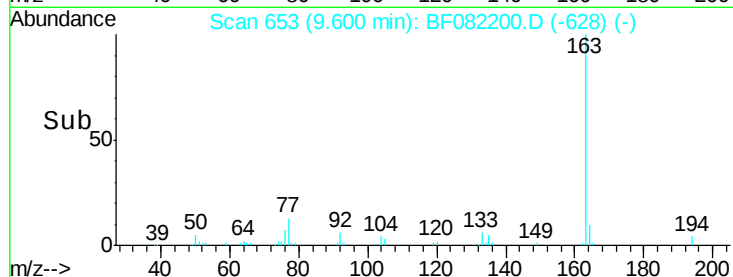
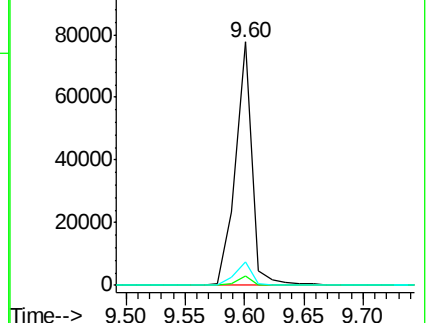
164 9.7 8.5 12.7



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: 6.70 ng

RT: 9.87 min Scan# 677

Delta R.T. -0.21 min

Lab File: BF082200.D

Acq: 11 Oct 2015 3:11

Tgt Ion:165 Resp: 22623

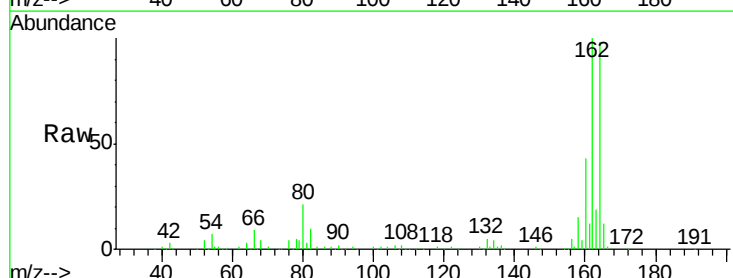
Ion Ratio Lower Upper

165 100

63 0.0 38.6 58.0#

89 1.6 57.0 85.6#

182 0.0 1.8 2.6#

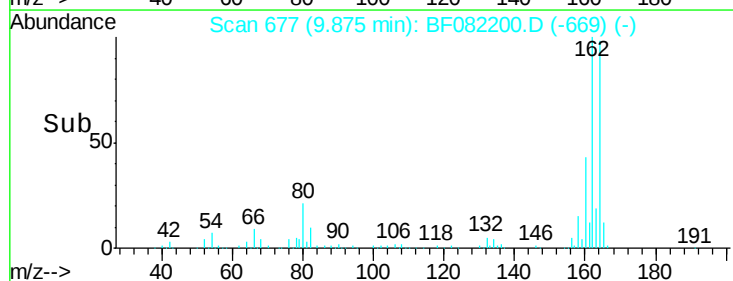
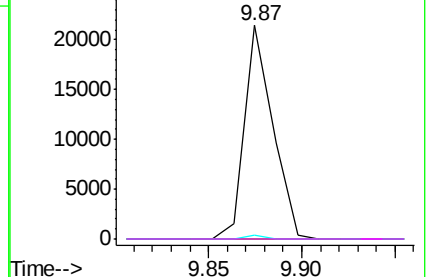


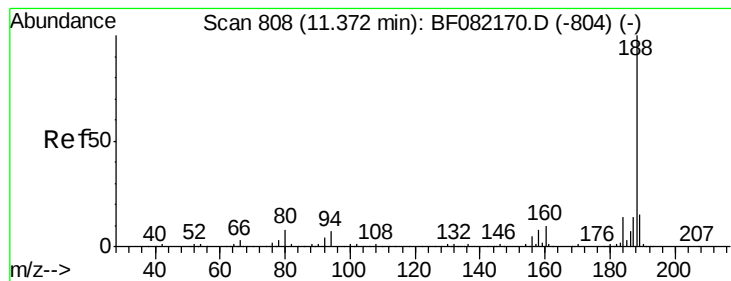
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF082200.D

Acq: 11 Oct 2015 3:11

Instrument :

BNA_F

ClientSampleId :

PO-002

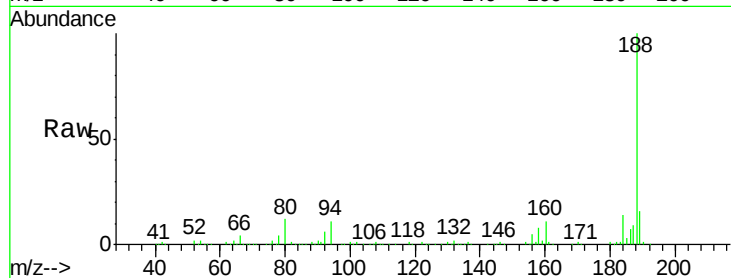
Tot Ion:188 Resp: 351520

Ion Ratio Lower Upper

188 100

94 10.7 5.8 8.6#

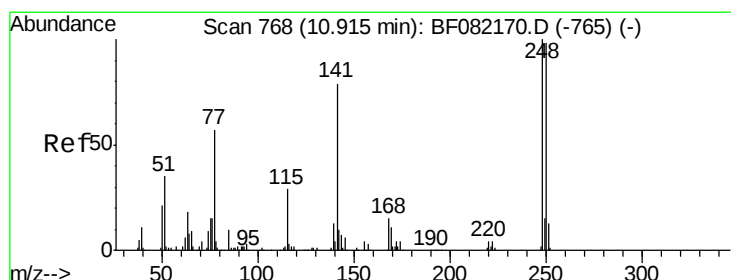
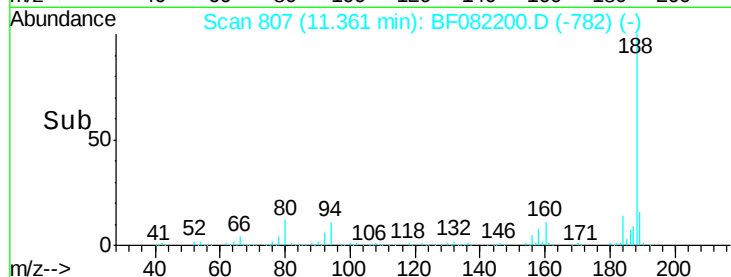
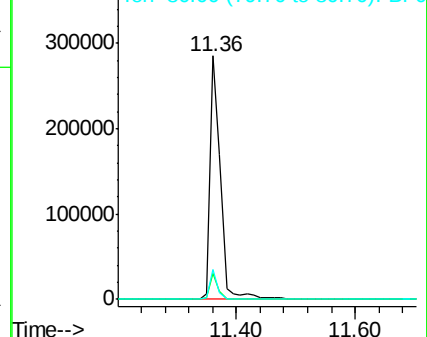
80 12.2 6.4 9.6#



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: 5.21 ng

RT: 10.67 min Scan# 747

Delta R.T. -0.24 min

Lab File: BF082200.D

Acq: 11 Oct 2015 3:11

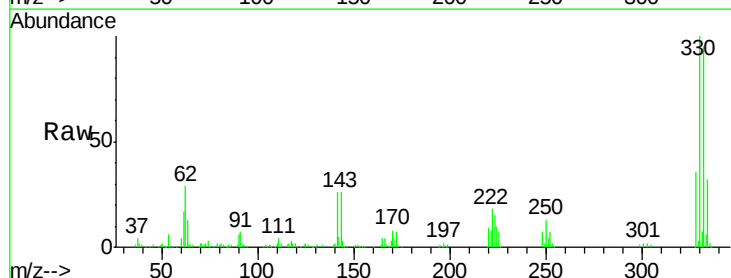
Tgt Ion:248 Resp: 18324

Ion Ratio Lower Upper

248 100

250 202.8 78.6 117.8#

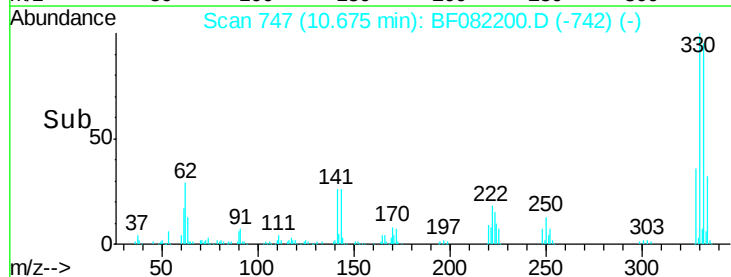
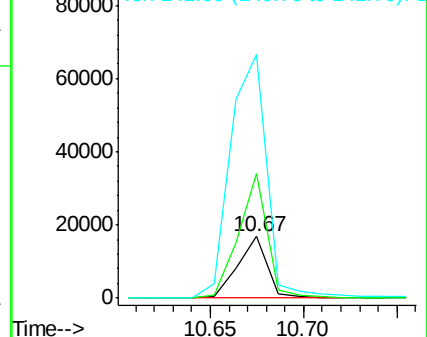
141 394.8 63.3 94.9#

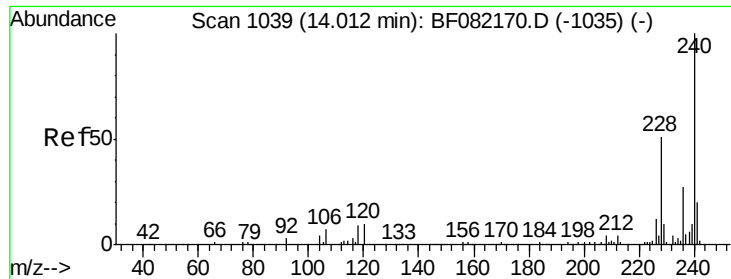


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

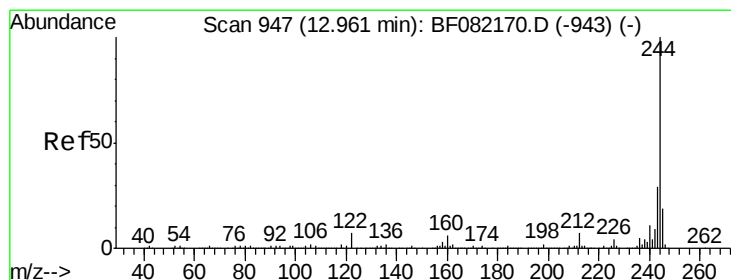
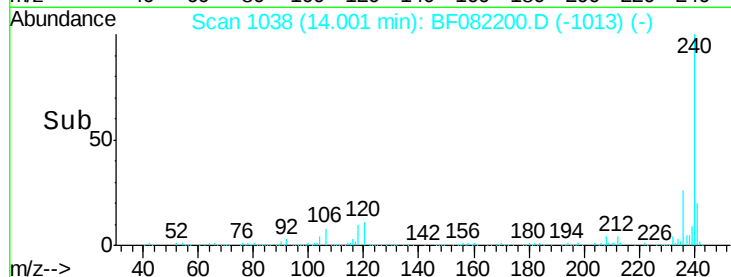
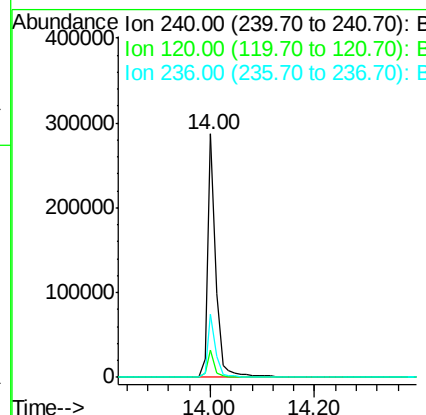
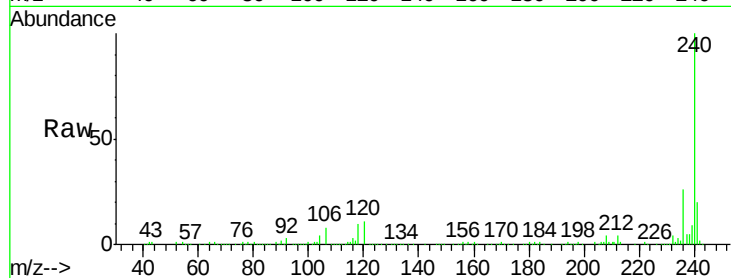




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF082200.D
Acq: 11 Oct 2015 3:11

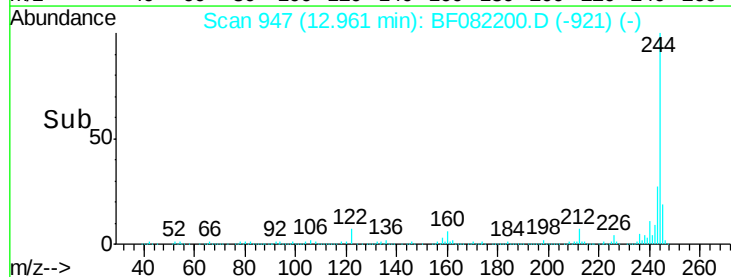
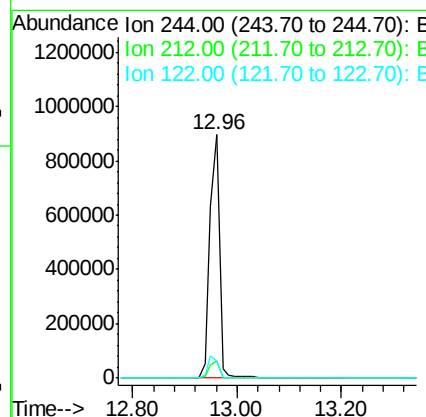
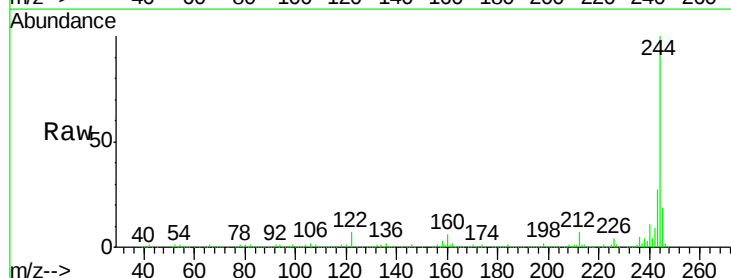
Instrument :
BNA_F
ClientSampleId :
PO-002

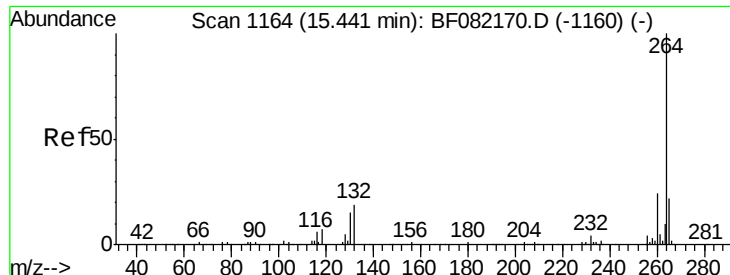
Tot Ion:240 Resp: 313513
Ion Ratio Lower Upper
240 100
120 11.2 8.1 12.1
236 26.1 21.3 31.9



#78
Terphenyl-d14
Concen: 97.26 ng
RT: 12.96 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF082200.D
Acq: 11 Oct 2015 3:11

Tgt Ion:244 Resp: 1150731
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 6.8 5.9 8.9

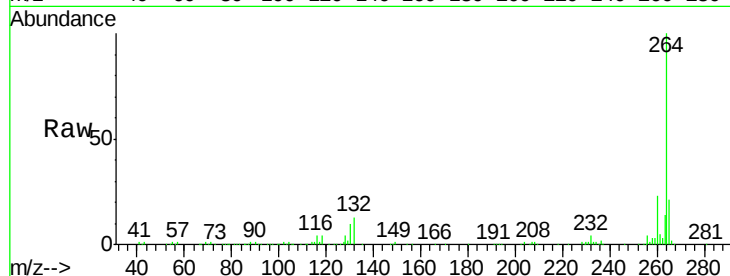




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF082200.D
Acq: 11 Oct 2015 3:11

Instrument :
BNA_F
ClientSampleId :
PO-002

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	21.3	17.3	25.9



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

