

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
 Data File : BF084860.D
 Acq On : 5 Feb 2016 15:28
 Operator : SJ/IZ
 Sample : H1329-21
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B004(46-48)

Quant Time: Feb 05 22:18:10 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

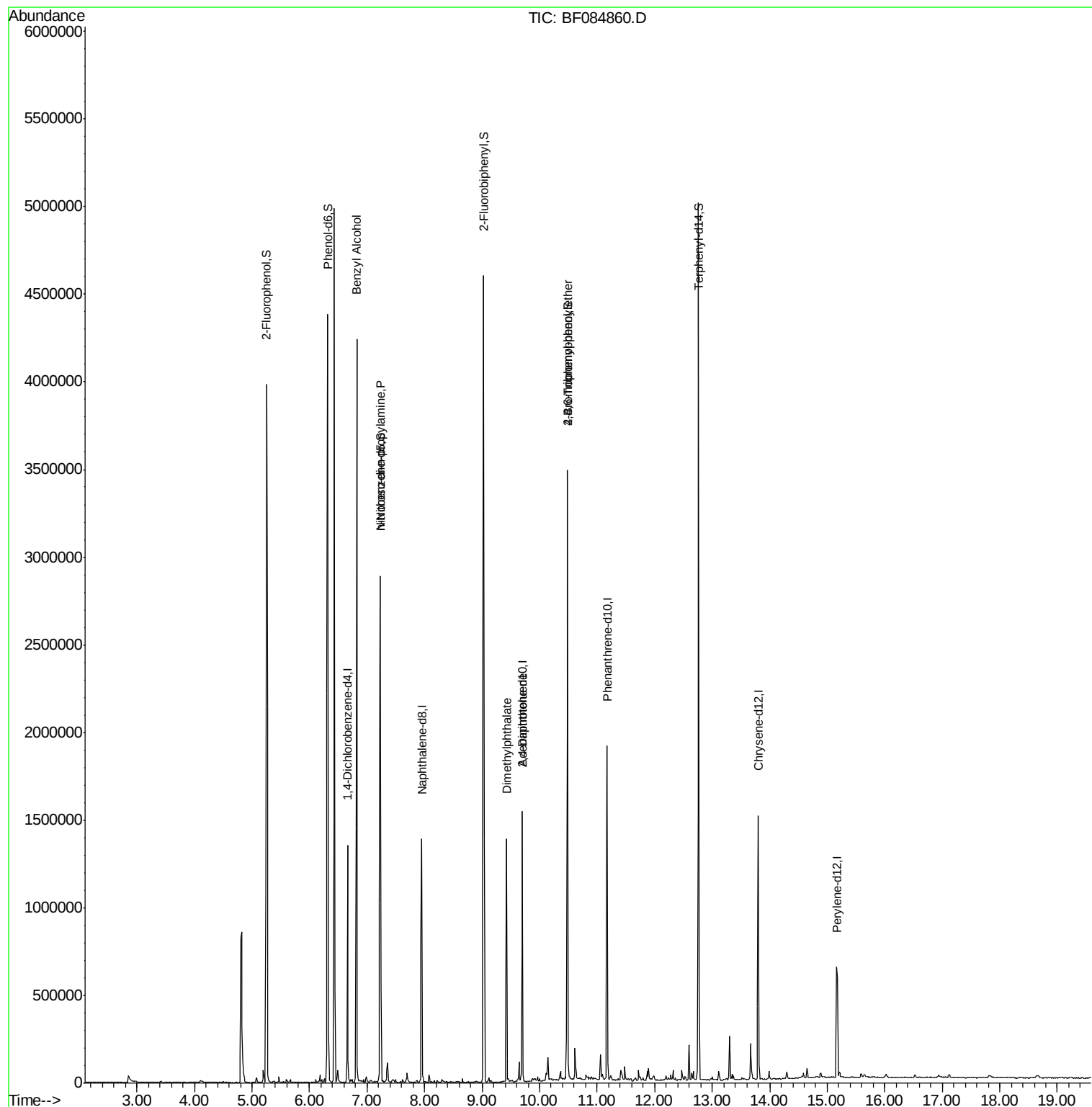
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	177202	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	751182	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	351891	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	638493	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	520978	20.00	ng	-0.03
86) Perylene-d12	15.17	264	344282	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1452253	127.65	ng	-0.02
7) Phenol-d6	6.32	99	1644429	116.60	ng	-0.02
23) Nitrobenzene-d5	7.23	82	1029281	77.19	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	477613	130.12	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1604357	73.34	ng	-0.03
78) Terphenyl-d14	12.76	244	1569330	68.26	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	6.82	79	21133	2.17	ng	# 49
19) n-Nitroso-di-n-propylamine	7.23	70	142246	16.09	ng	# 72
49) Dimethylphthalate	9.42	163	495882	18.50	ng	# 90
56) 2,4-Dinitrotoluene	9.70	165	45546	6.10	ng	# 21
66) 4-Bromophenyl-phenylether	10.49	248	32386	4.59	ng	# 1

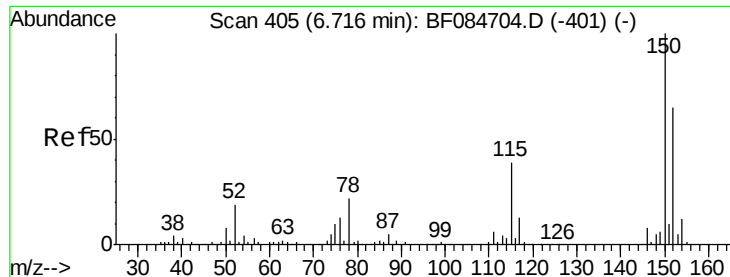
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084860.D

Acq: 5 Feb 2016 15:28

Instrument :

BNA_F

ClientSampleId :

S4-B004(46-48)

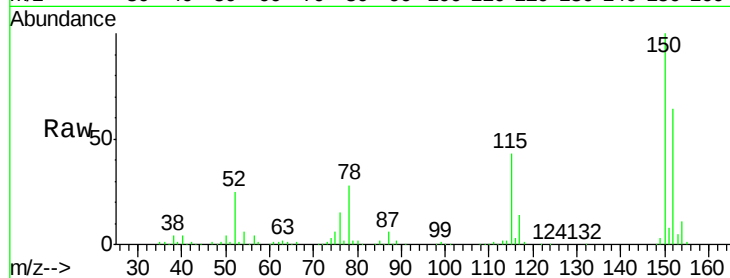
Tgt Ion:152 Resp: 177202

Ion Ratio Lower Upper

152 100

150 157.2 123.0 184.4

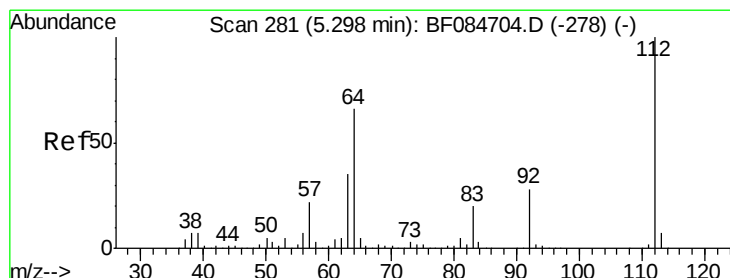
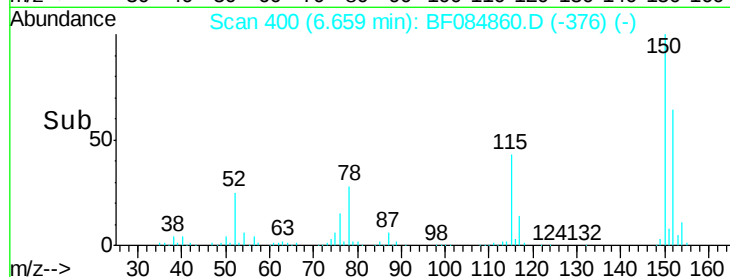
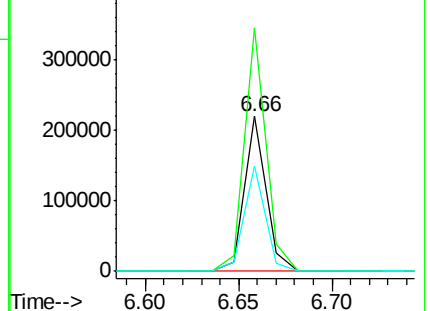
115 67.9 51.4 77.2



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: 127.65 ng

RT: 5.25 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF084860.D

Acq: 5 Feb 2016 15:28

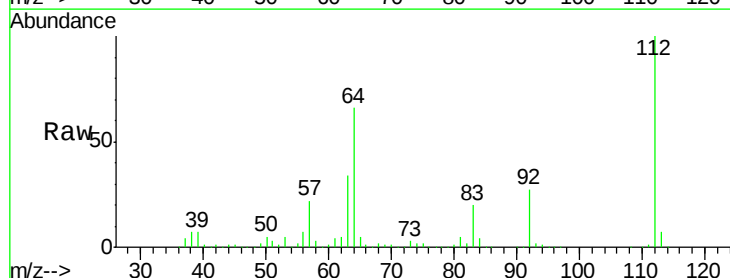
Tgt Ion:112 Resp: 1452253

Ion Ratio Lower Upper

112 100

64 66.1 36.6 55.0#

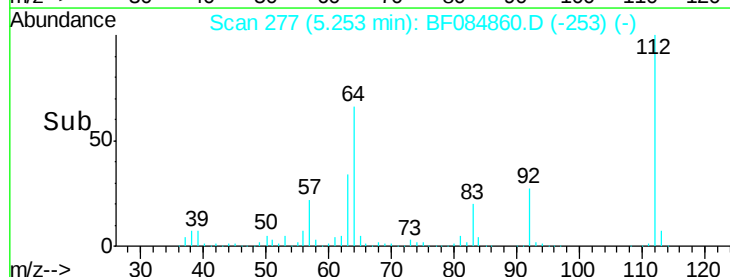
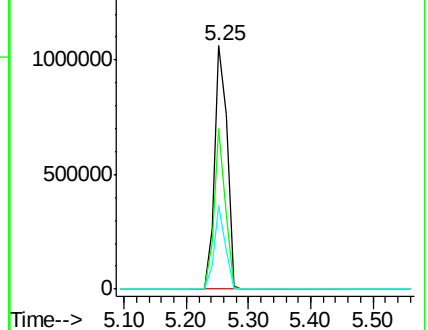
63 34.3 19.4 29.0#



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: 116.60 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084860.D

Acq: 5 Feb 2016 15:28

Instrument :

BNA_F

ClientSampleId :

S4-B004(46-48)

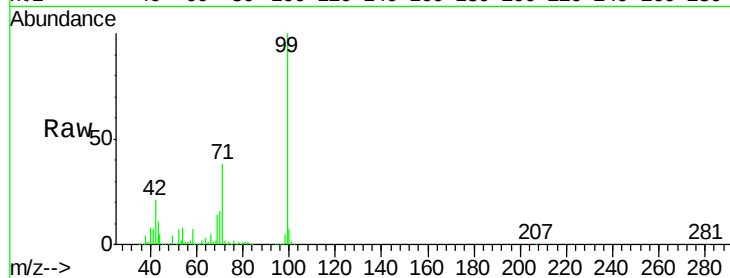
Tgt Ion: 99 Resp: 1644429

Ion Ratio Lower Upper

99 100

42 20.7 12.8 19.2#

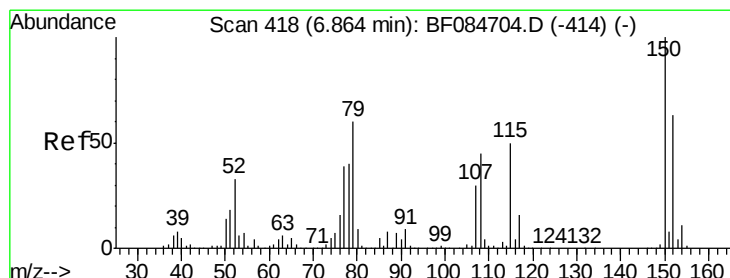
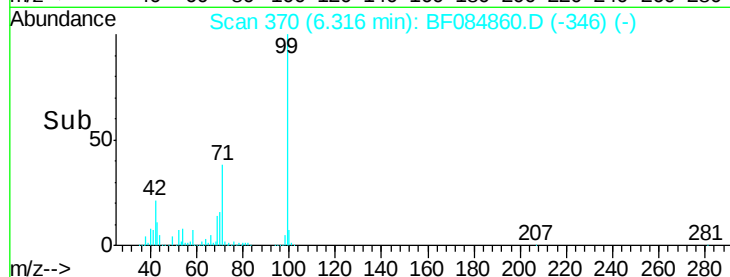
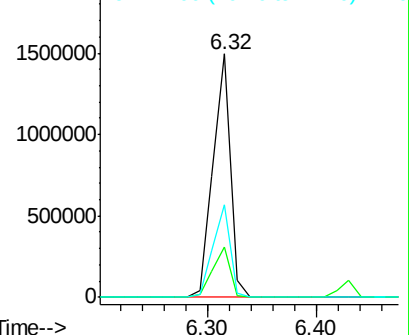
71 38.0 30.9 46.3



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



#15

Benzyl Alcohol

Concen: 2.17 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF084860.D

Acq: 5 Feb 2016 15:28

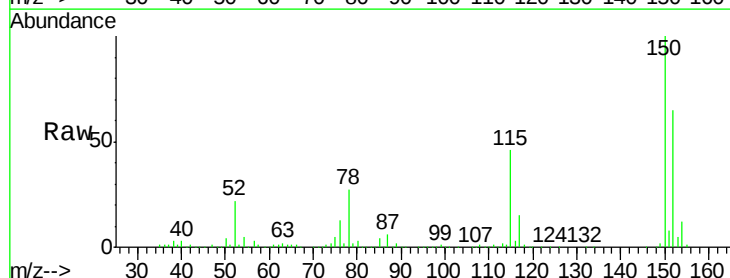
Tgt Ion: 79 Resp: 21133

Ion Ratio Lower Upper

79 100

108 34.8 69.0 103.4#

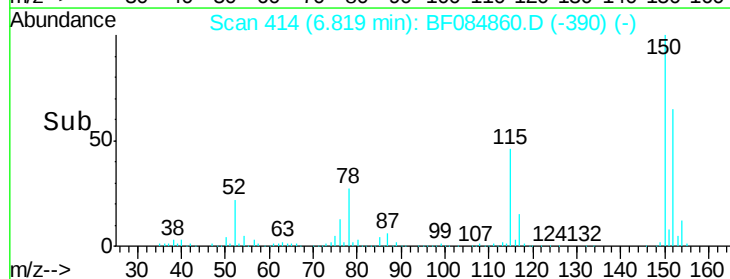
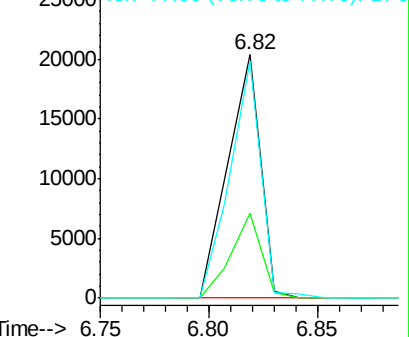
77 97.3 50.0 75.0#



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: 16.09 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.11 min

Lab File: BF084860.D

Acq: 5 Feb 2016 15:28

Instrument :

BNA_F

ClientSampleId :

S4-B004(46-48)

Tgt Ion: 70 Resp: 142246

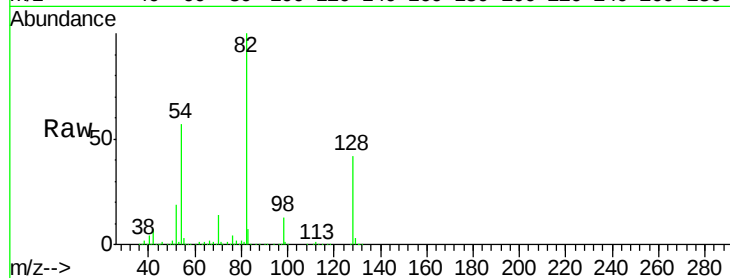
Ion Ratio Lower Upper

70 100

42 48.8 33.3 49.9

101 0.0 9.3 13.9#

130 2.3 23.4 35.0#

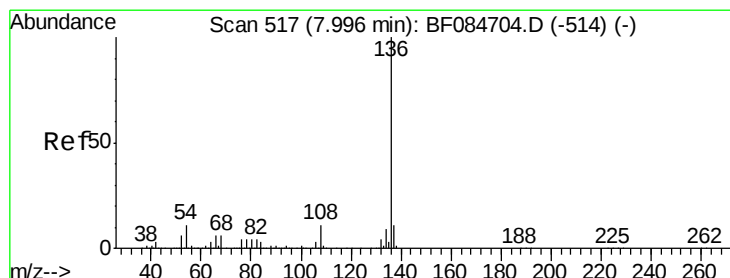
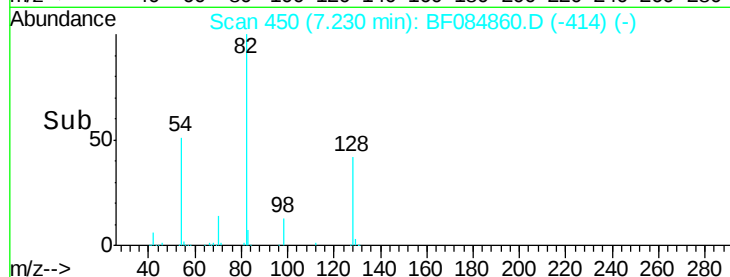
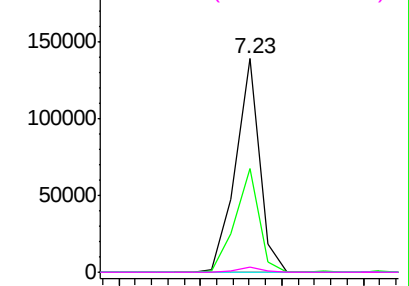


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.95 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF084860.D

Acq: 5 Feb 2016 15:28

Tgt Ion: 136 Resp: 751182

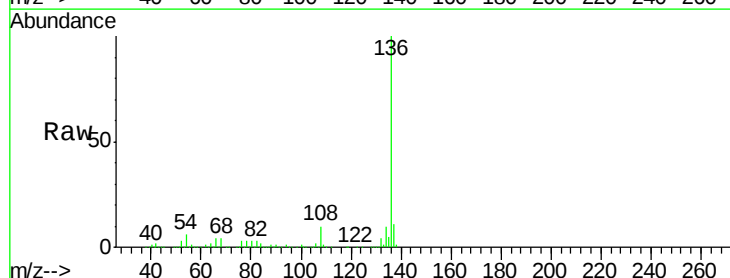
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.4 5.8 8.8

68 3.7 4.2 6.2#

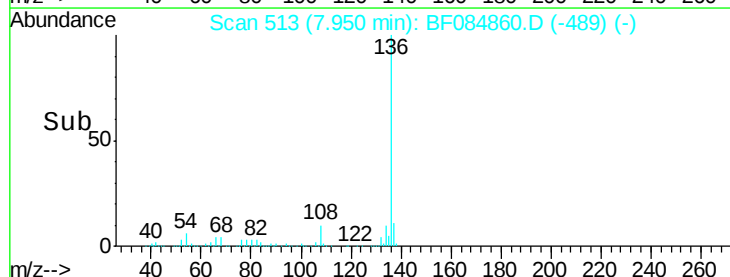
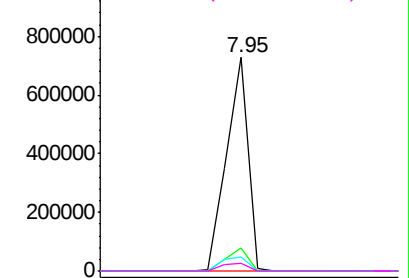


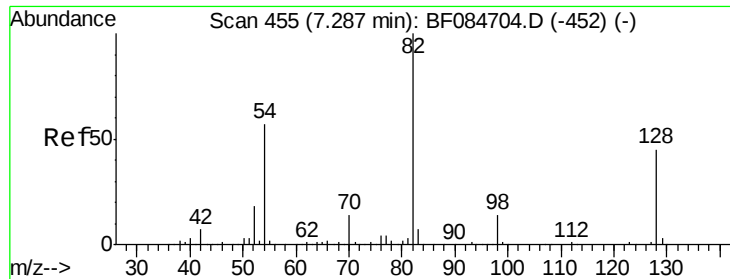
Abundance Ion 136.00 (135.70 to 136.70): E

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

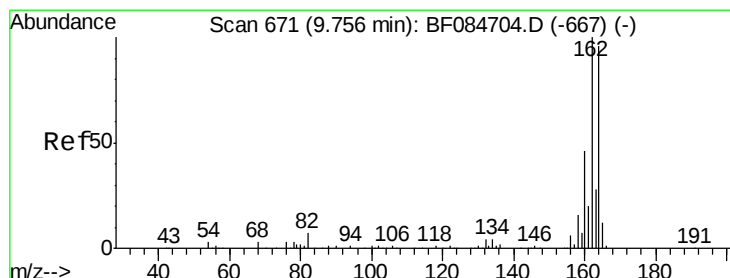
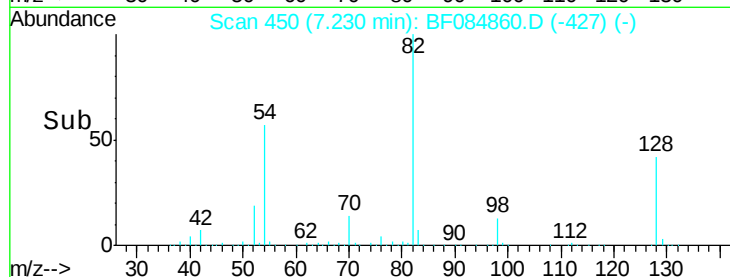
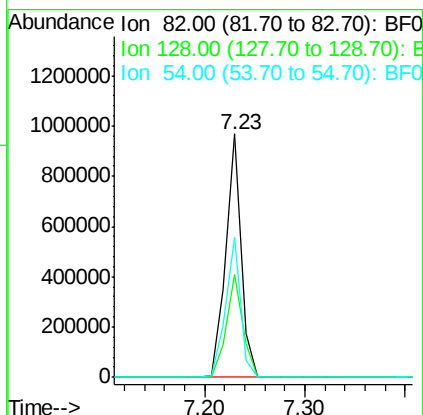
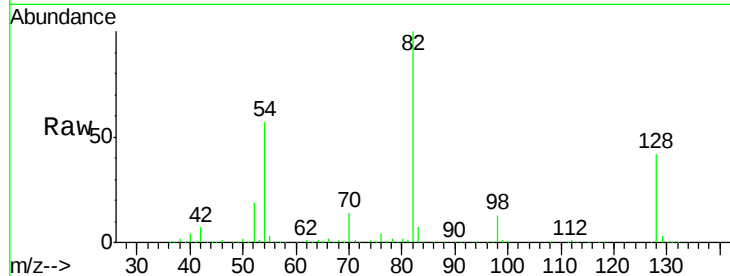




#23
 Nitrobenzene-d5
 Concen: 77.19 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.03 min
 Lab File: BF084860.D
 Acq: 5 Feb 2016 15:28

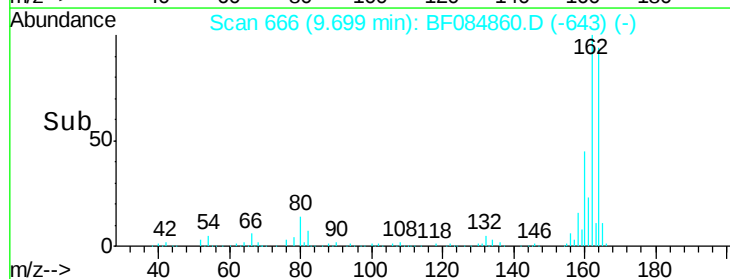
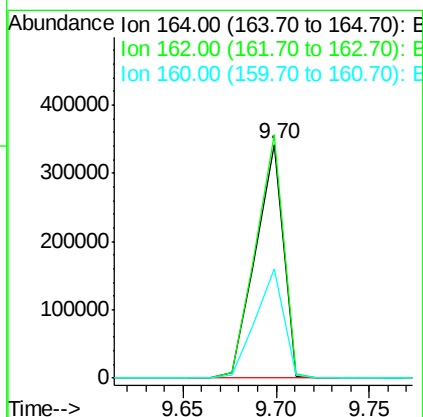
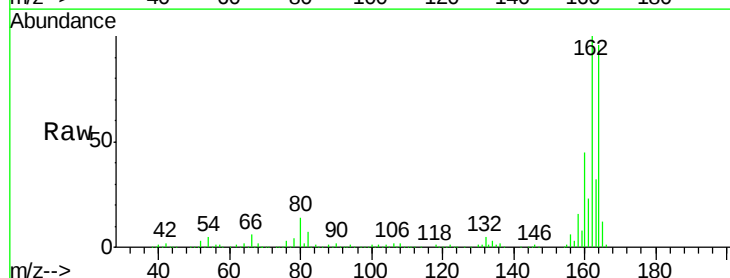
Instrument :
 BNA_F
 ClientSampleId :
 S4-B004(46-48)

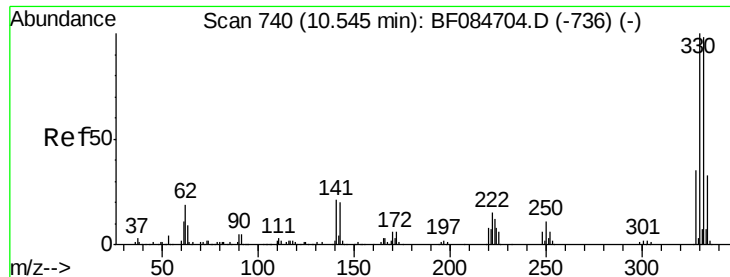
Tgt Ion: 82 Resp: 1029281
 Ion Ratio Lower Upper
 82 100
 128 42.3 34.6 51.8
 54 57.5 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.03 min
 Lab File: BF084860.D
 Acq: 5 Feb 2016 15:28

Tgt Ion: 164 Resp: 351891
 Ion Ratio Lower Upper
 164 100
 162 104.3 85.1 127.7
 160 46.9 37.5 56.3

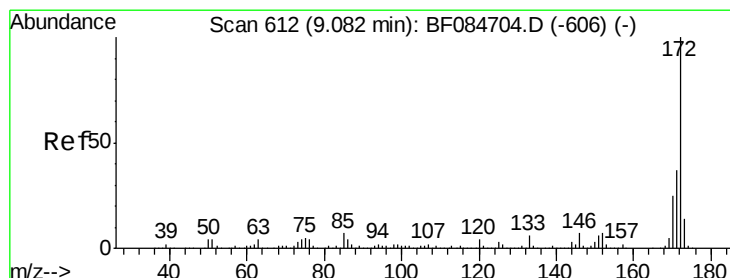
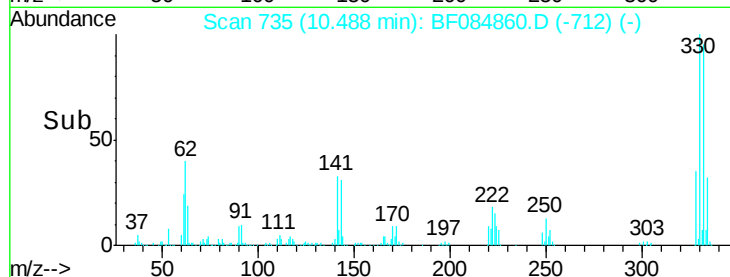
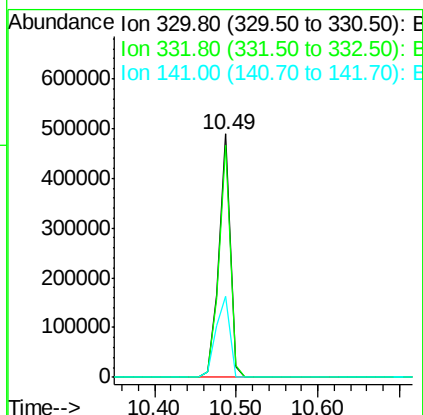
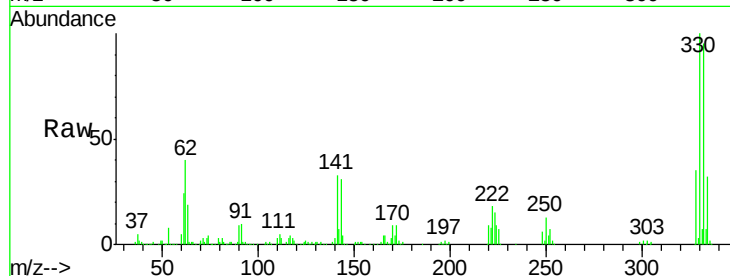




#41
 2,4,6-Tribromophenol
 Concen: 130.12 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084860.D
 Acq: 5 Feb 2016 15:28

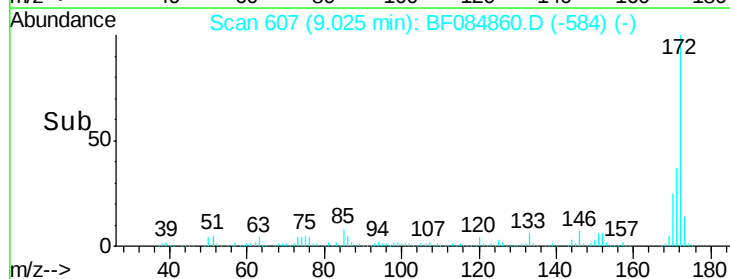
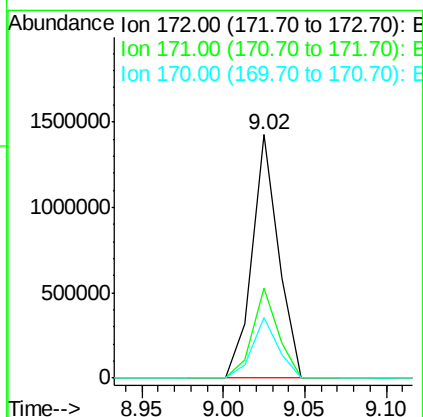
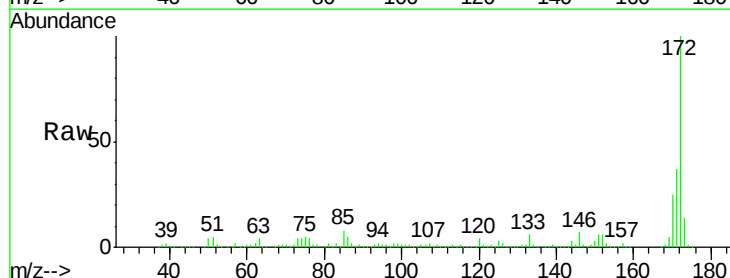
Instrument :
 BNA_F
 ClientSampleId :
 S4-B004(46-48)

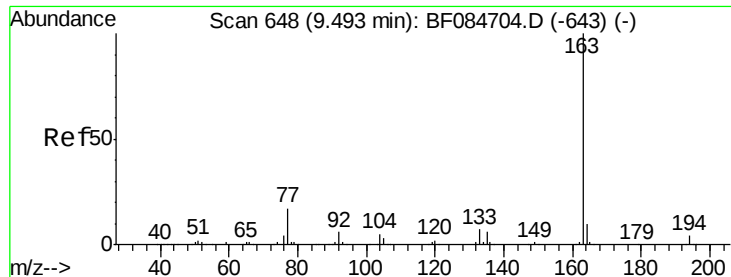
Tgt Ion:330 Resp: 477613
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 114.8
 141 40.6 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 73.34 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084860.D
 Acq: 5 Feb 2016 15:28

Tgt Ion:172 Resp: 1604357
 Ion Ratio Lower Upper
 172 100
 171 37.1 28.9 43.3
 170 24.7 18.6 27.8





#49

Dimethylphthalate

Concen: 18.50 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.05 min

Lab File: BF084860.D

Acq: 5 Feb 2016 15:28

Instrument :

BNA_F

ClientSampleId :

S4-B004(46-48)

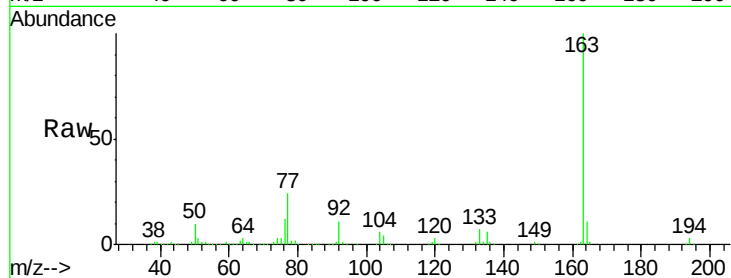
Tgt Ion:163 Resp: 495882

Ion Ratio Lower Upper

163 100

194 3.0 8.0 12.0#

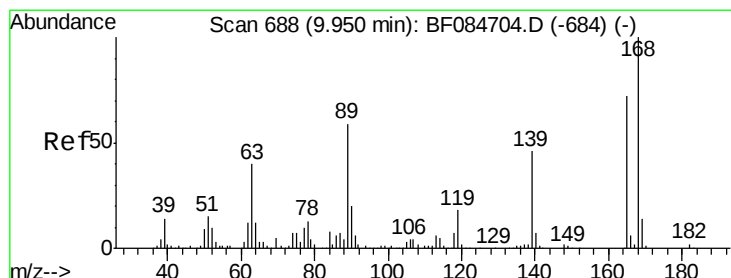
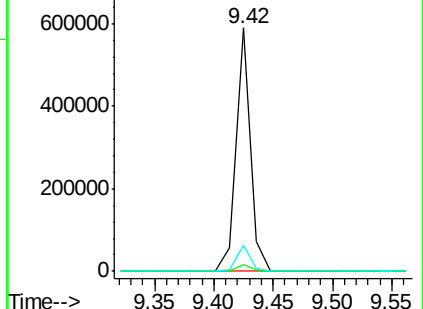
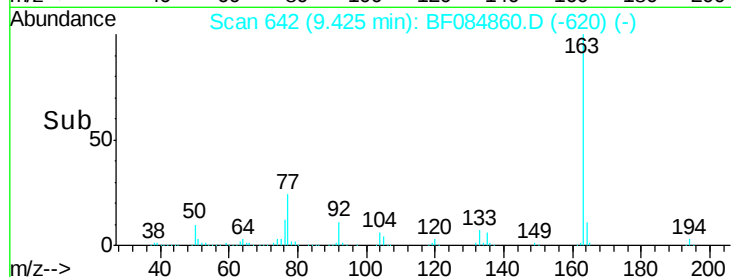
164 10.6 8.0 12.0



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: 6.10 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.23 min

Lab File: BF084860.D

Acq: 5 Feb 2016 15:28

Tgt Ion:165 Resp: 45546

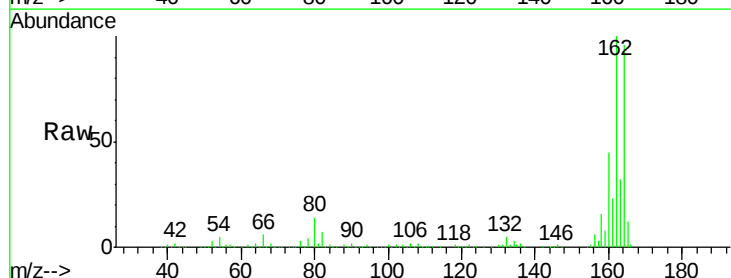
Ion Ratio Lower Upper

165 100

63 1.6 36.7 55.1#

89 1.5 61.9 92.9#

182 0.0 2.0 3.0#

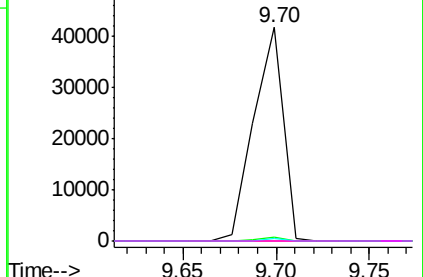
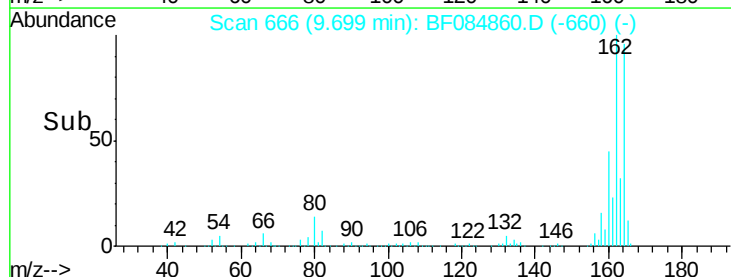


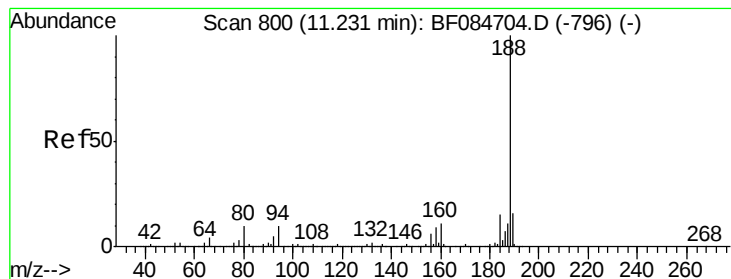
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.17 min Scan# 795

Delta R.T. -0.03 min

Lab File: BF084860.D

Acq: 5 Feb 2016 15:28

Instrument :

BNA_F

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S4-B004(46-48)

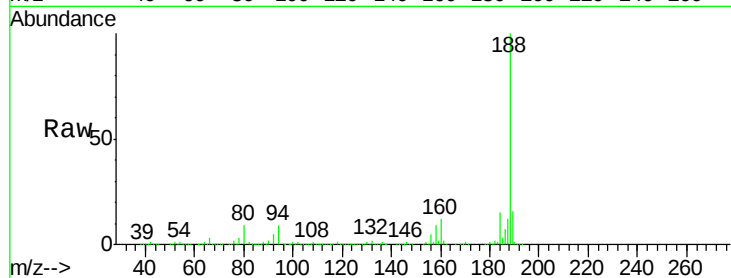
Tgt Ion:188 Resp: 638493

Ion Ratio Lower Upper

188 100

94 8.6 9.0 13.4#

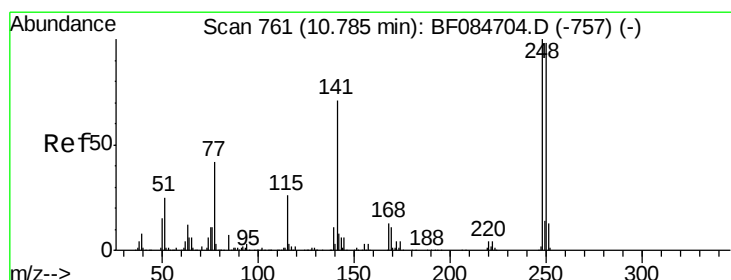
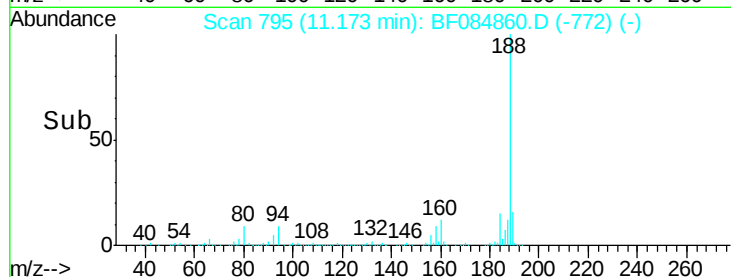
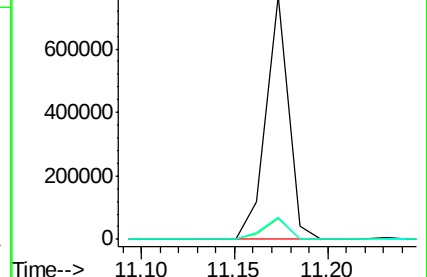
80 9.0 9.6 14.4#



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: 4.59 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.27 min

Lab File: BF084860.D

Acq: 5 Feb 2016 15:28

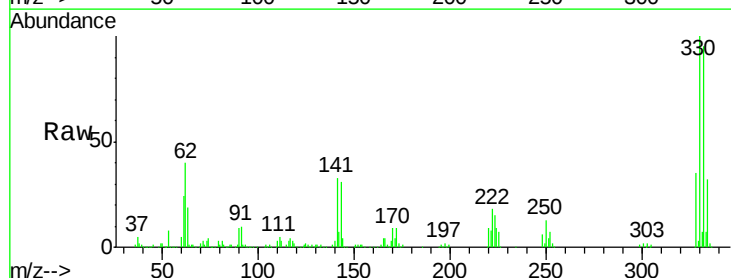
Tgt Ion:248 Resp: 32386

Ion Ratio Lower Upper

248 100

250 204.5 78.4 117.6#

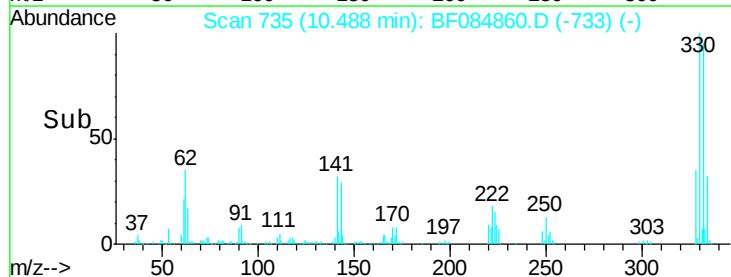
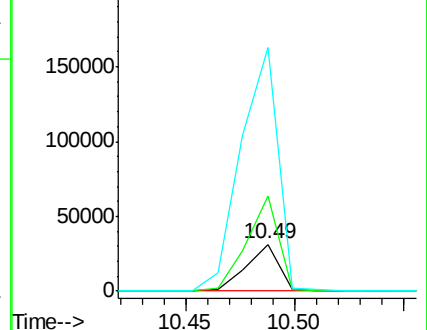
141 521.6 44.0 66.0#

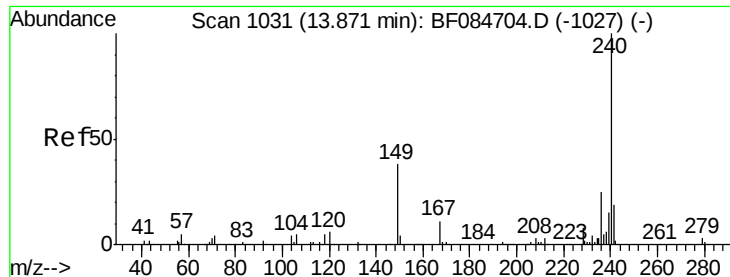


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084860.D

Acq: 5 Feb 2016 15:28

Instrument :

BNA_F

ClientSampleId :

S4-B004(46-48)

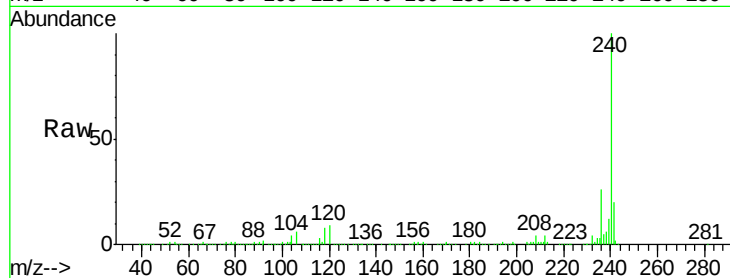
Tgt Ion:240 Resp: 520978

Ion Ratio Lower Upper

240 100

120 9.3 9.5 14.3#

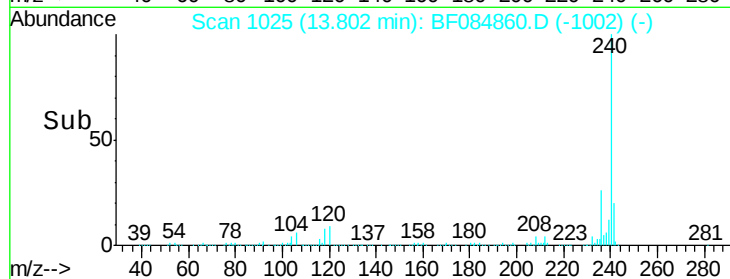
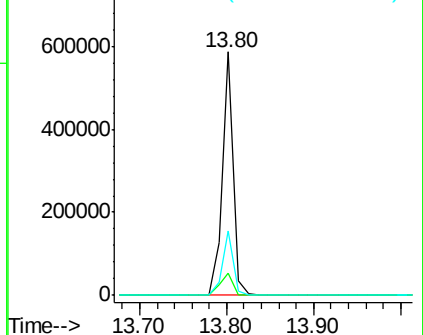
236 26.2 20.6 31.0



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: 68.26 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084860.D

Acq: 5 Feb 2016 15:28

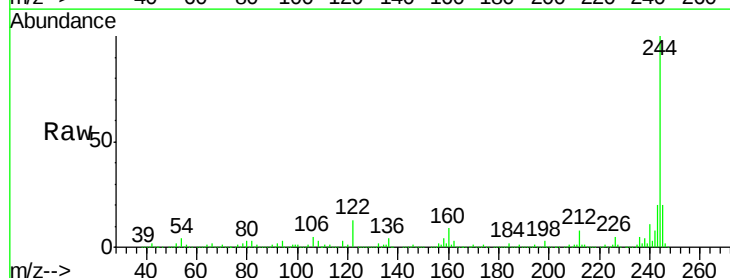
Tgt Ion:244 Resp: 1569330

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

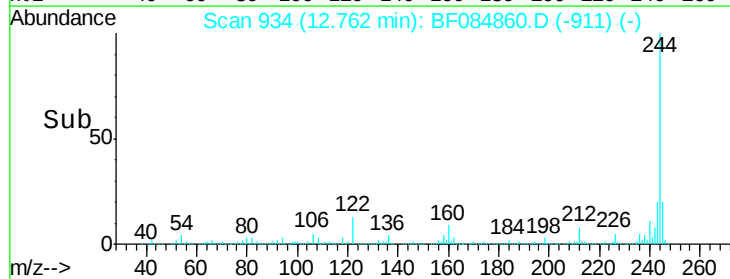
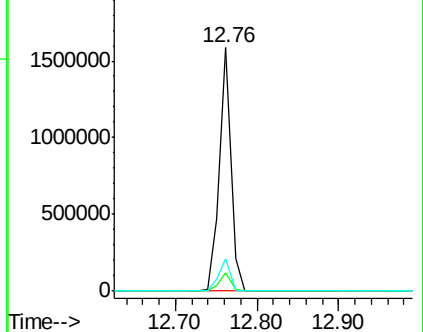
122 13.4 7.4 11.0#

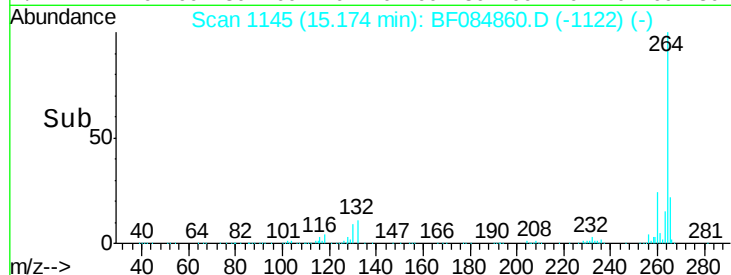
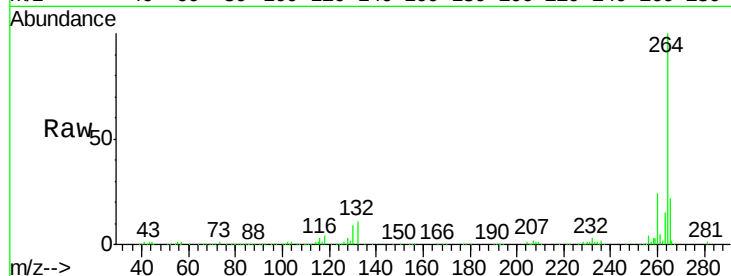
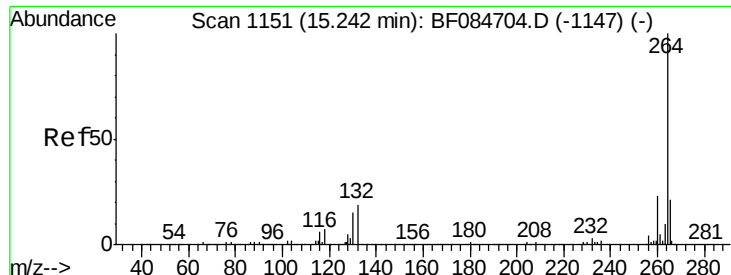


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084860.D
Acq: 5 Feb 2016 15:28

Instrument :
BNA_F
ClientSampleId :
S4-B004(46-48)

Tgt Ion:	264	Resp:	344282
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.4	29.2
265	22.0	17.8	26.6

