

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
 Data File : BF083604.D
 Acq On : 8 Dec 2015 19:51
 Operator : UM/IZ
 Sample : PB87006BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86955TB

Quant Time: Dec 09 01:21:54 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 00:23:35 2015
 Response via : Initial Calibration

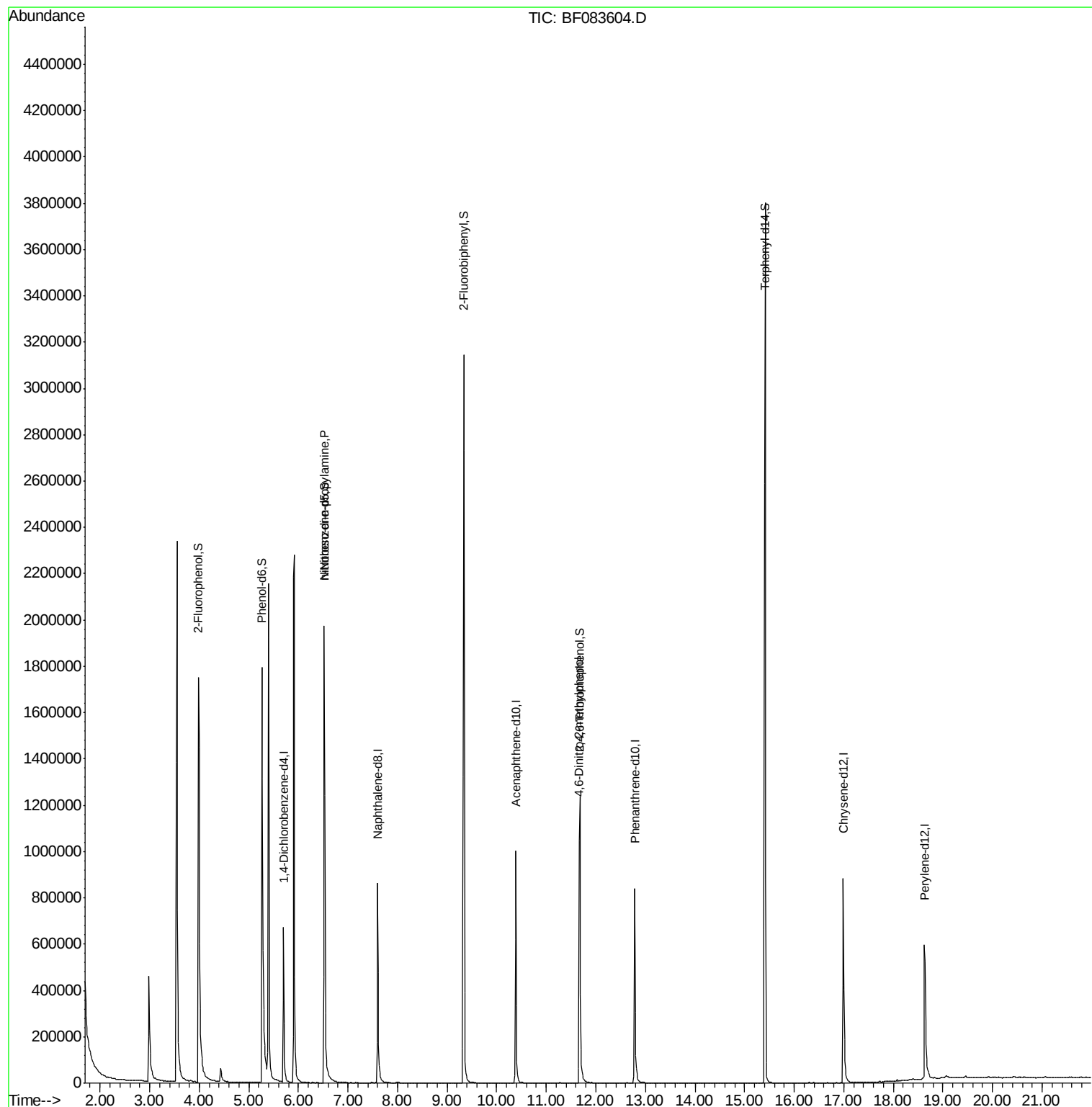
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	159862	20.00	ng	0.00
21) Naphthalene-d8	7.60	136	628272	20.00	ng	-0.01
38) Acenaphthene-d10	10.38	164	318776	20.00	ng	0.00
63) Phenanthrene-d10	12.79	188	611394	20.00	ng	0.00
75) Chrysene-d12	16.99	240	555066	20.00	ng	0.00
86) Perylene-d12	18.63	264	452748	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	3.98	112	928799	88.12	ng	0.01
7) Phenol-d6	5.26	99	1239167	87.99	ng	-0.01
23) Nitrobenzene-d5	6.52	82	1111892	82.58	ng	-0.01
41) 2,4,6-Tribromophenol	11.68	330	251734	88.64	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1828834	80.74	ng	-0.01
78) Terphenyl-d14	15.41	244	1812018	76.81	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.52	70	138892	14.13	ng	# 83
64) 4,6-Dinitro-2-methylphenol	11.67	198	514	2.06	ng	# 1

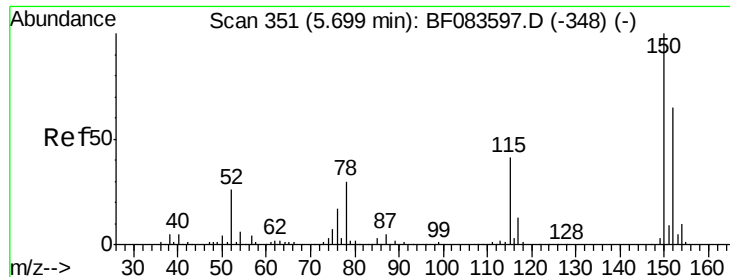
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 09 00:23:35 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.70 min Scan# 351

Delta R.T. 0.00 min

Lab File: BF083604.D

Acq: 8 Dec 2015 19:51

Instrument :

BNA_F

ClientSampleId :

PB86955TB

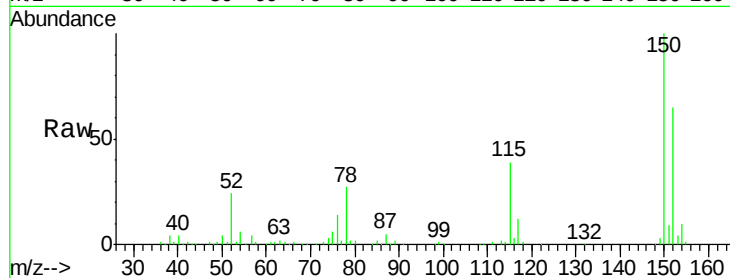
Tgt Ion:152 Resp: 159862

Ion Ratio Lower Upper

152 100

150 154.8 126.5 189.7

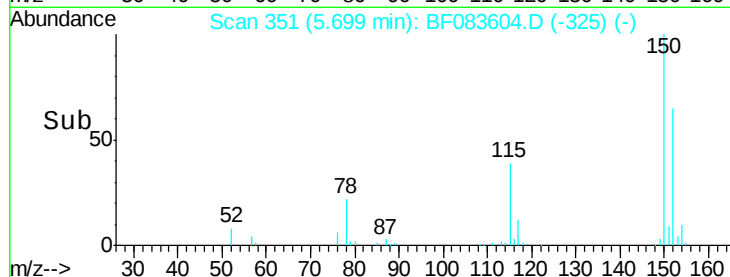
115 60.3 52.3 78.5



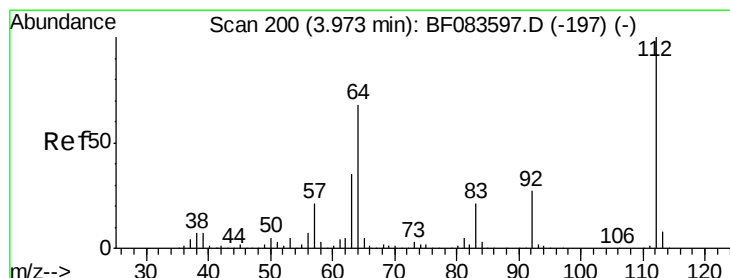
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 88.12 ng

RT: 3.98 min Scan# 201

Delta R.T. 0.01 min

Lab File: BF083604.D

Acq: 8 Dec 2015 19:51

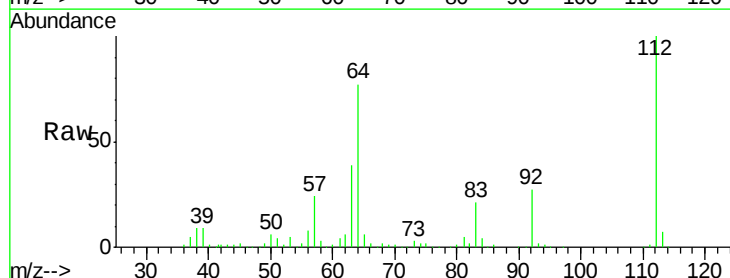
Tgt Ion:112 Resp: 928799

Ion Ratio Lower Upper

112 100

64 76.9 50.5 75.7#

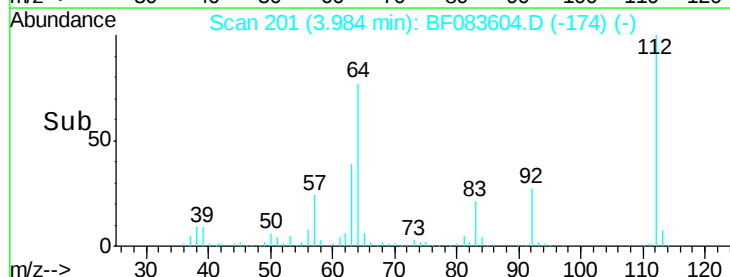
63 39.0 25.8 38.6#



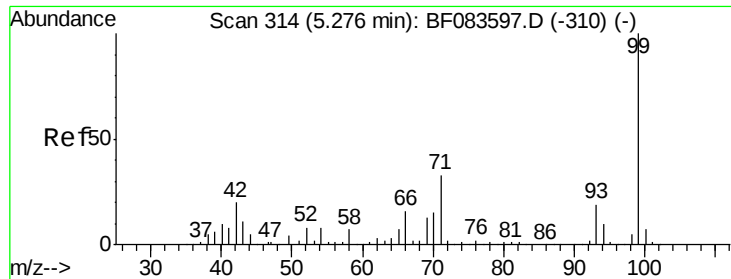
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#7

Phenol-d6

Concen: 87.99 ng

RT: 5.26 min Scan# 313

Delta R.T. -0.01 min

Lab File: BF083604.D

Acq: 8 Dec 2015 19:51

Instrument :

BNA_F

ClientSampleId :

PB86955TB

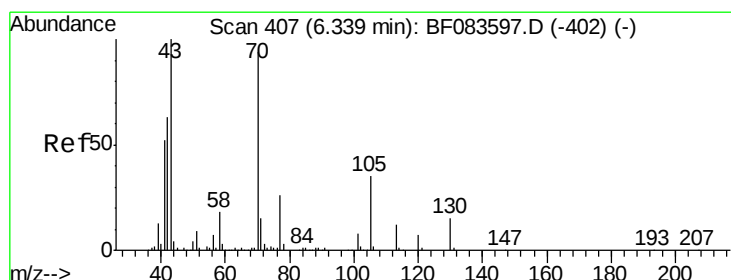
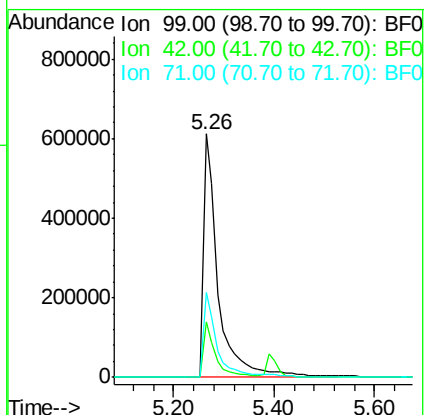
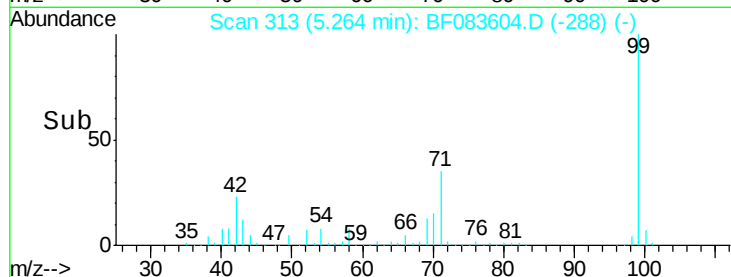
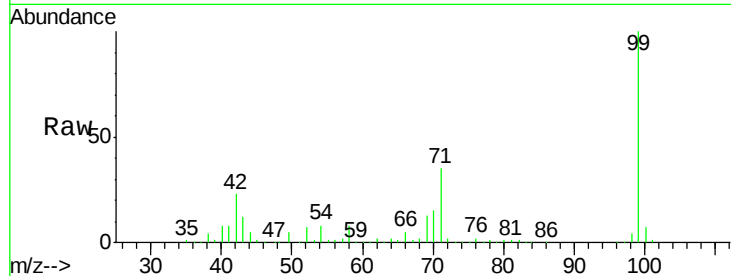
Tgt Ion: 99 Resp: 1239167

Ion Ratio Lower Upper

99 100

42 22.7 17.3 25.9

71 34.7 26.6 40.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.13 ng

RT: 6.52 min Scan# 423

Delta R.T. 0.18 min

Lab File: BF083604.D

Acq: 8 Dec 2015 19:51

Tgt Ion: 70 Resp: 138892

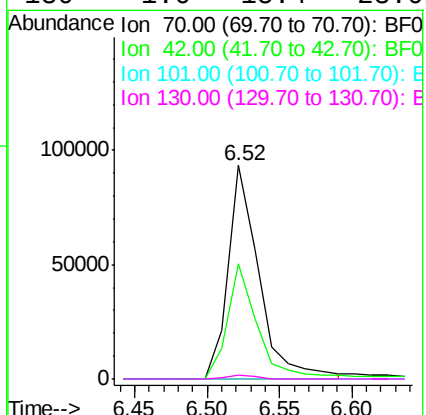
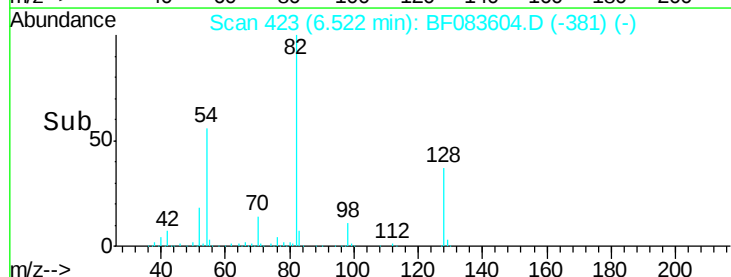
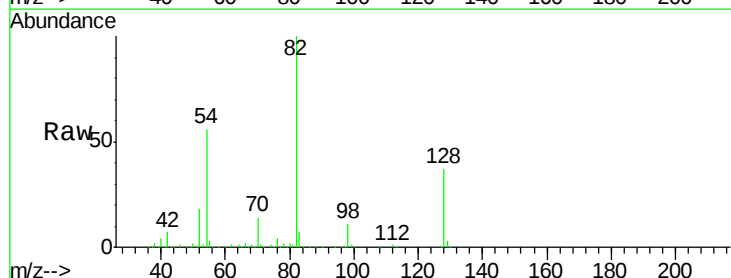
Ion Ratio Lower Upper

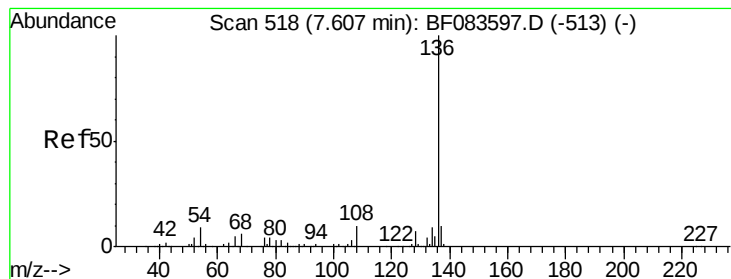
70 100

42 54.0 49.2 73.8

101 0.0 7.1 10.7#

130 1.6 15.4 23.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.60 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF083604.D

Acq: 8 Dec 2015 19:51

Instrument :

BNA_F

ClientSampleId :

PB86955TB

Tgt Ion:136 Resp: 628272

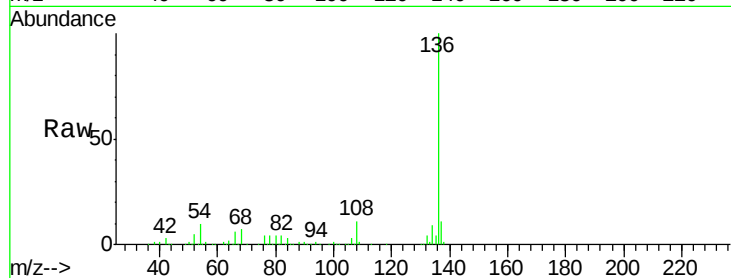
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.2 7.8 11.6

68 7.4 5.7 8.5

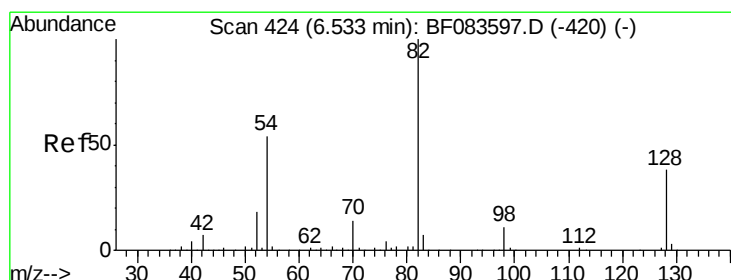
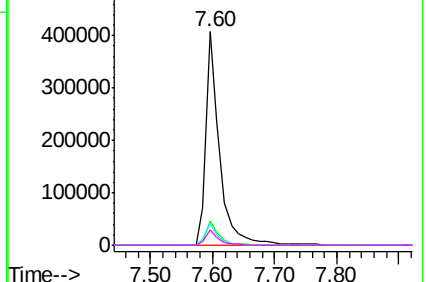
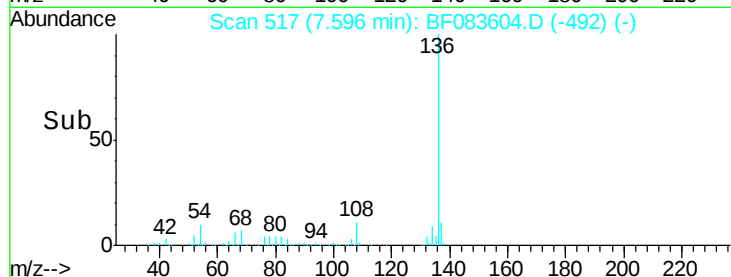


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.58 ng

RT: 6.52 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF083604.D

Acq: 8 Dec 2015 19:51

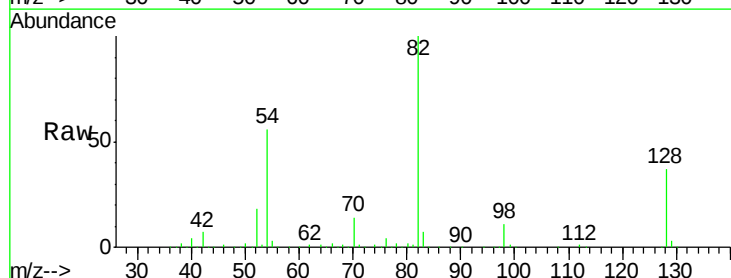
Tgt Ion: 82 Resp: 1111892

Ion Ratio Lower Upper

82 100

128 37.5 30.7 46.1

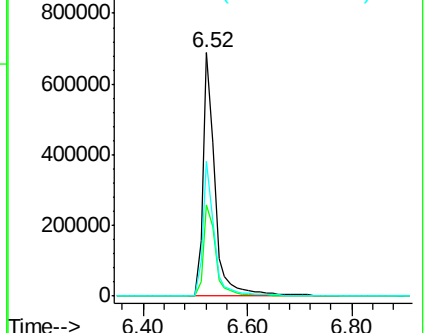
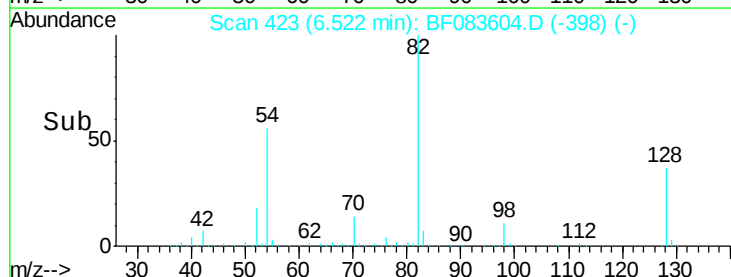
54 55.6 42.5 63.7

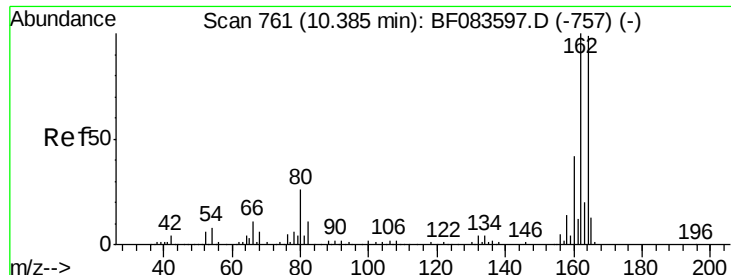


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.38 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF083604.D

Acq: 8 Dec 2015 19:51

Instrument :

BNA_F

ClientSampleId :

PB86955TB

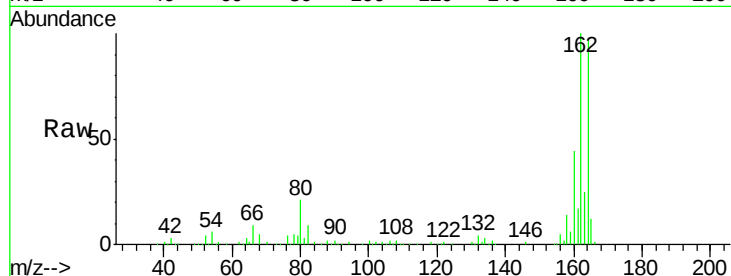
Tgt Ion:164 Resp: 318776

Ion Ratio Lower Upper

164 100

162 102.8 78.8 118.2

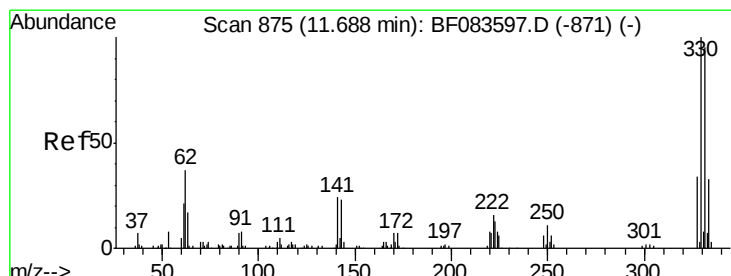
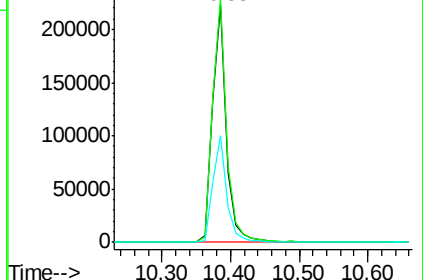
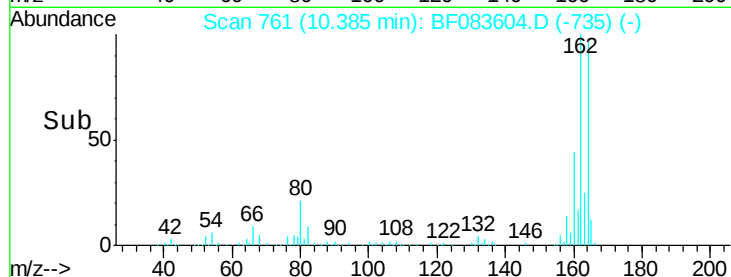
160 44.9 33.4 50.2



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: 88.64 ng

RT: 11.68 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF083604.D

Acq: 8 Dec 2015 19:51

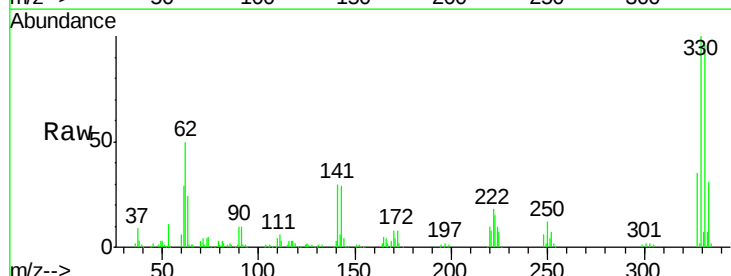
Tgt Ion:330 Resp: 251734

Ion Ratio Lower Upper

330 100

332 95.4 0.0 0.0#

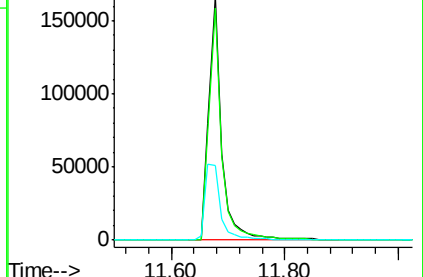
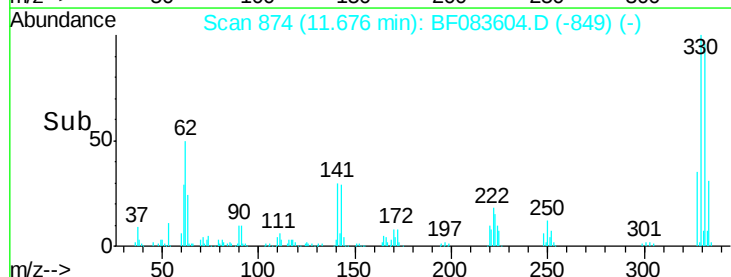
141 37.4 0.0 0.0#

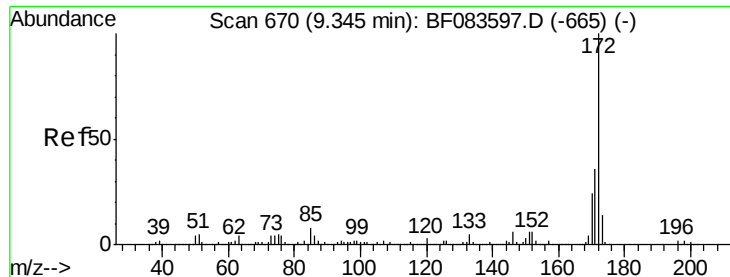


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 80.74 ng

RT: 9.33 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF083604.D

Acq: 8 Dec 2015 19:51

Instrument :

BNA_F

ClientSampleId :

PB86955TB

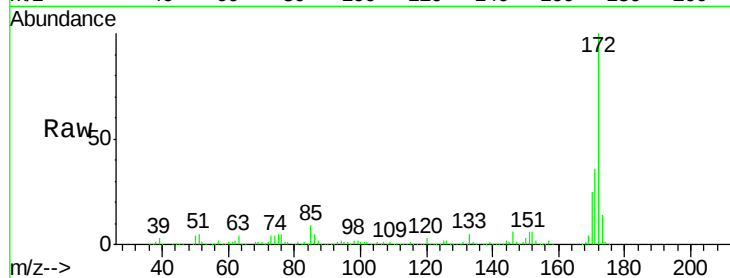
Tgt Ion:172 Resp: 1828834

Ion Ratio Lower Upper

172 100

171 35.9 28.6 42.8

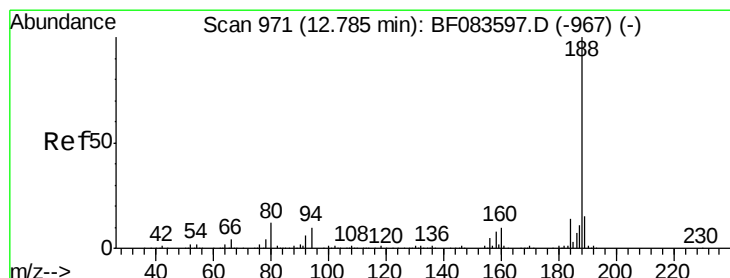
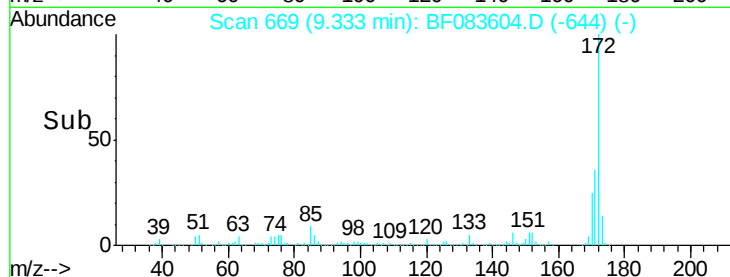
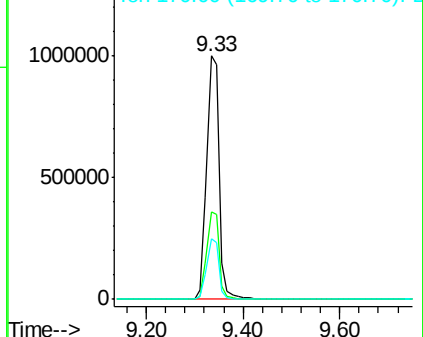
170 24.8 19.4 29.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.79 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF083604.D

Acq: 8 Dec 2015 19:51

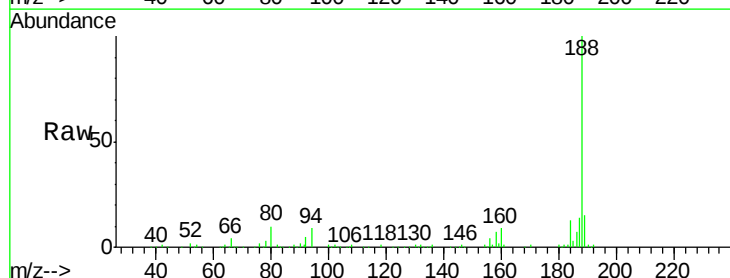
Tgt Ion:188 Resp: 611394

Ion Ratio Lower Upper

188 100

94 9.3 9.4 14.2#

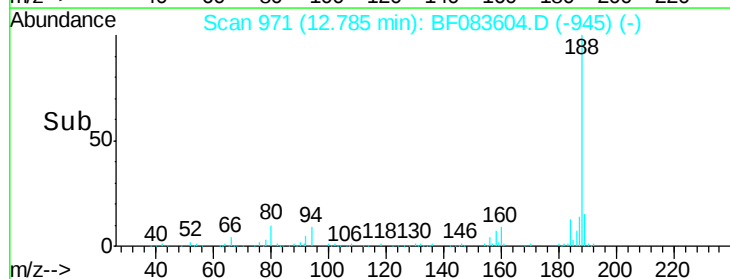
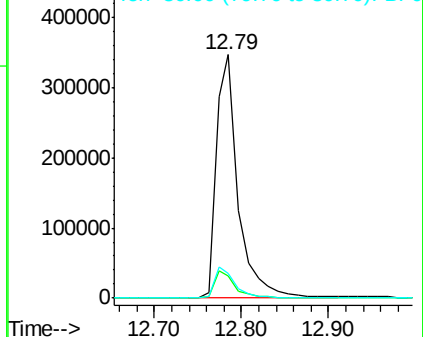
80 10.3 10.6 16.0#

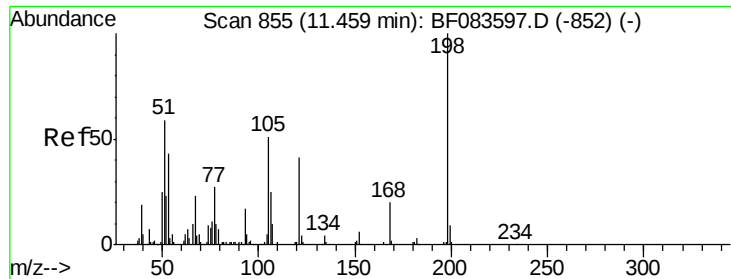


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 2.06 ng

RT: 11.67 min Scan# 873

Delta R.T. 0.21 min

Lab File: BF083604.D

Acq: 8 Dec 2015 19:51

Instrument :

BNA_F

ClientSampleId :

PB86955TB

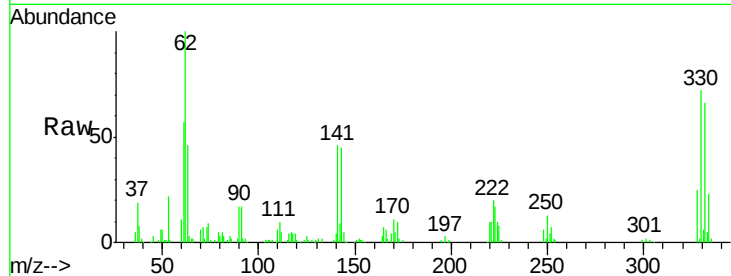
Tgt Ion:198 Resp: 514

Ion Ratio Lower Upper

198 100

51 250.7 53.8 93.8#

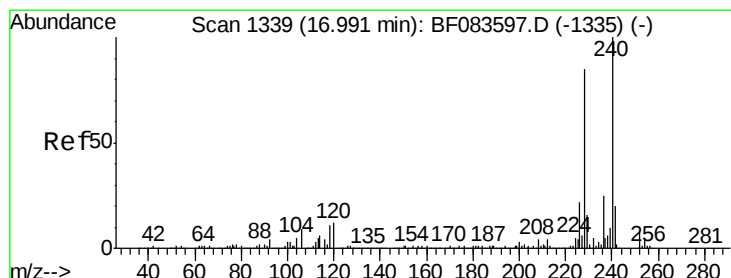
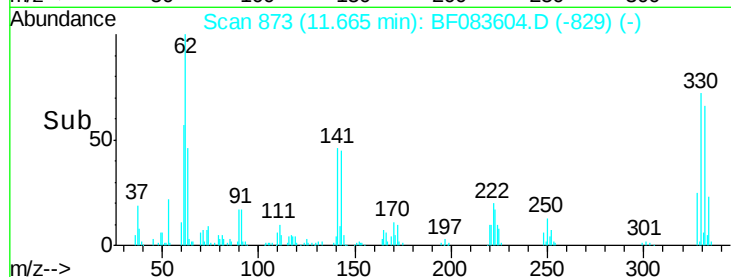
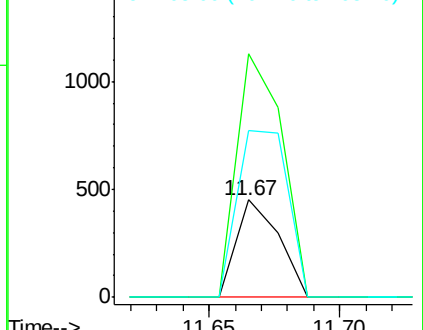
105 171.1 38.6 78.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.99 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF083604.D

Acq: 8 Dec 2015 19:51

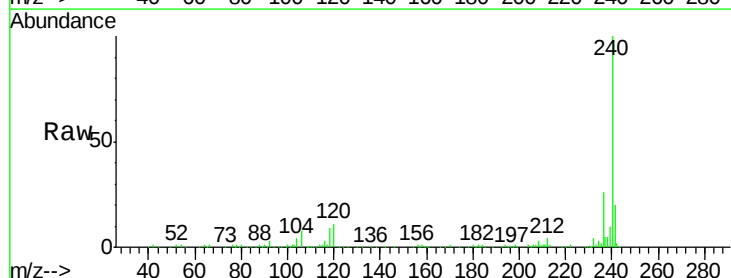
Tgt Ion:240 Resp: 555066

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

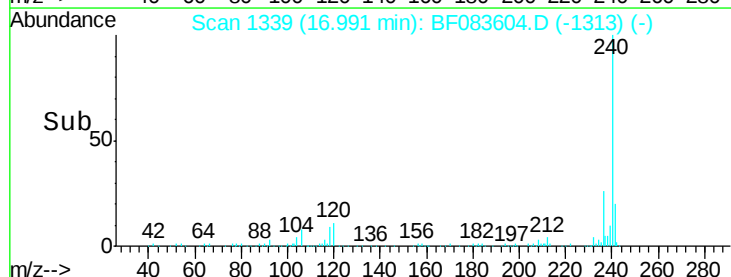
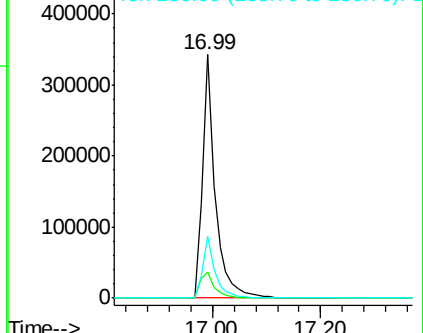
236 25.7 20.8 31.2

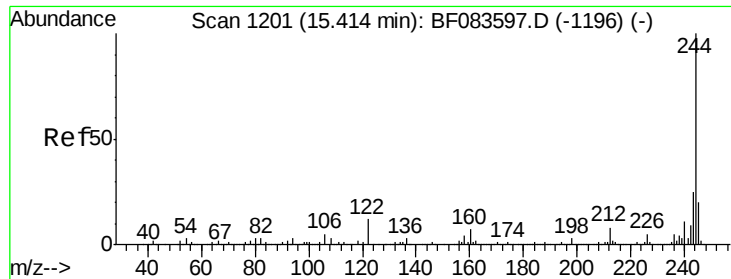


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

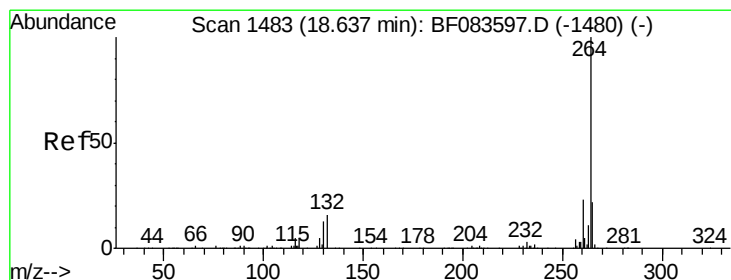
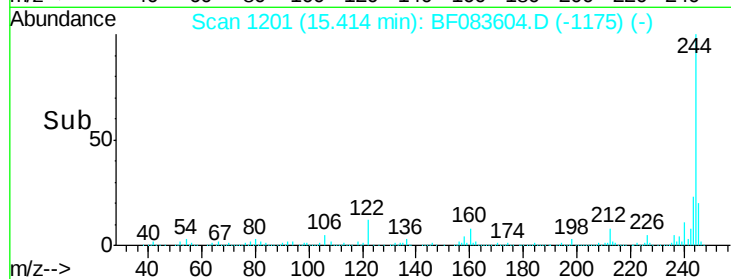
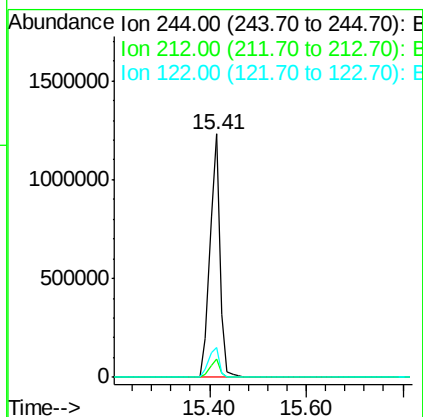
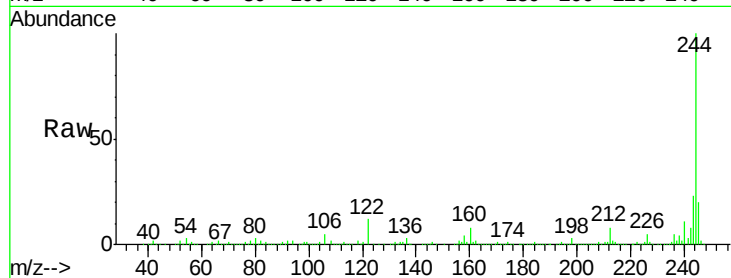




#78
 Terphenyl-d14
 Concen: 76.81 ng
 RT: 15.41 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF083604.D
 Acq: 8 Dec 2015 19:51

Instrument :
 BNA_F
 ClientSampleId :
 PB86955TB

Tgt Ion:244 Resp: 1812018
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 12.4 11.0 16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.63 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF083604.D
 Acq: 8 Dec 2015 19:51

Tgt Ion:264 Resp: 452748
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.0
 265 22.0 17.8 26.6

