

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
 Data File : BF087709.D
 Acq On : 5 Jun 2016 15:50
 Operator : UM/SJ
 Sample : H3379-05
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-1

Quant Time: Jun 06 02:59:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

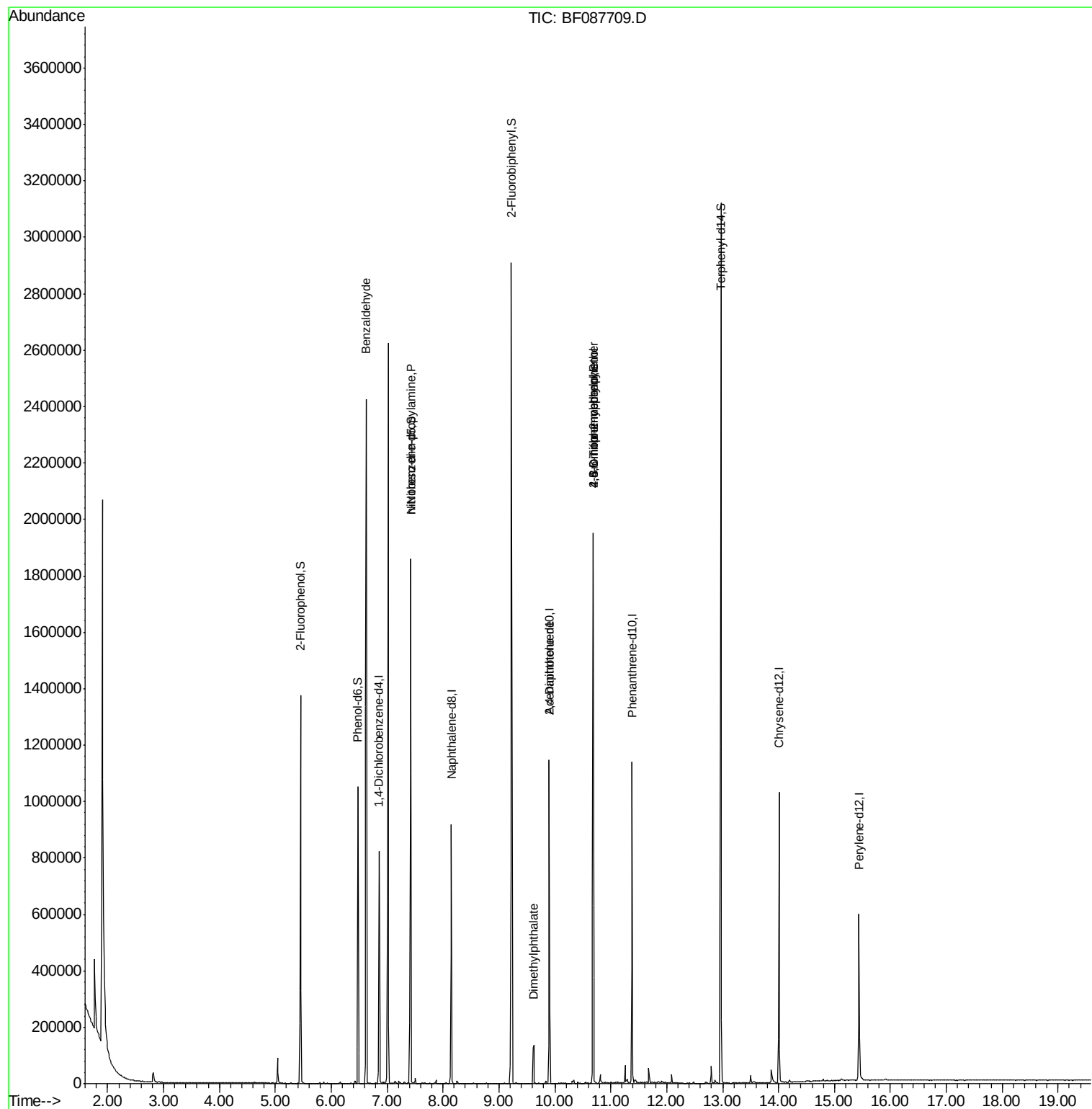
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	117841	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	493620	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	226894	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	433445	20.00	ng	0.00
75) Chrysene-d12	14.01	240	324189	20.00	ng	-0.01
86) Perylene-d12	15.44	264	247814	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	393704	54.00	ng	0.00
7) Phenol-d6	6.48	99	323022	35.33	ng	-0.01
23) Nitrobenzene-d5	7.43	82	753314	88.30	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	259446	113.91	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1239843	83.35	ng	-0.01
78) Terphenyl-d14	12.97	244	1000561	75.31	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	17384	2.81	ng	# 73
19) n-Nitroso-di-n-propylamine	7.43	70	99764	17.47	ng	# 73
49) Dimethylphthalate	9.62	163	90381	5.48	ng	97
56) 2,4-Dinitrotoluene	9.90	165	29024	6.07	ng	# 38
64) 4,6-Dinitro-2-methylphenol	10.68	198	449	2.19	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	15413	3.59	ng	# 1

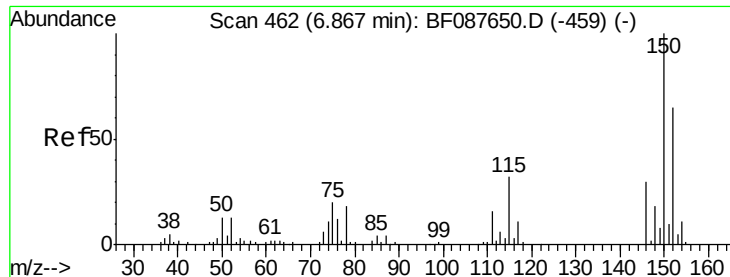
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF087709.D

Acq: 5 Jun 2016 15:50

Instrument :

BNA_F

ClientSampleId :

GW-1

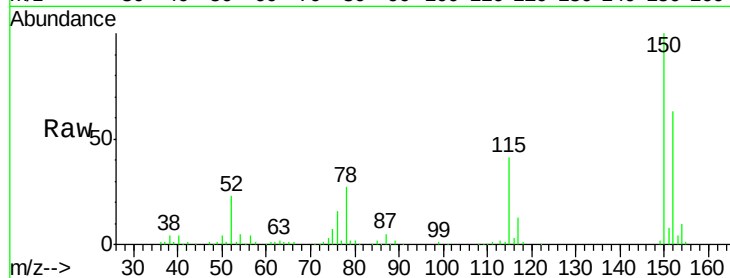
Tgt Ion:152 Resp: 117841

Ion Ratio Lower Upper

152 100

150 159.0 123.8 185.6

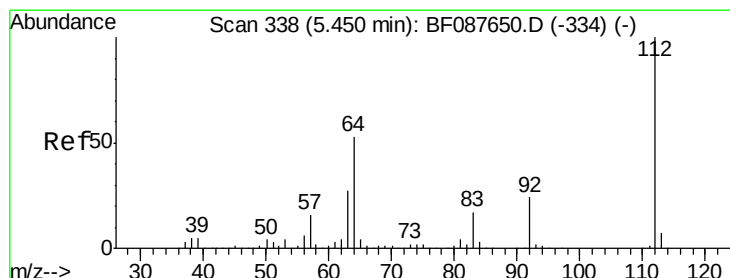
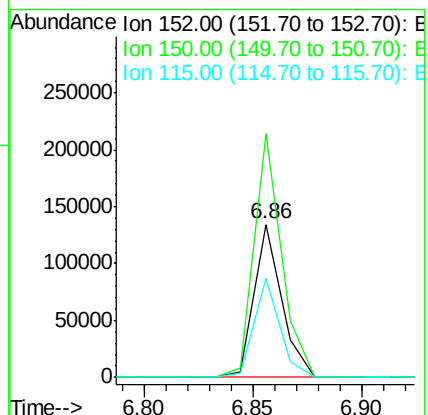
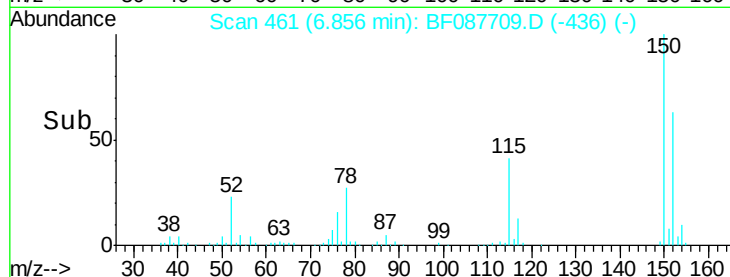
115 64.6 39.6 59.4#



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: 54.00 ng

RT: 5.45 min Scan# 338

Delta R.T. -0.00 min

Lab File: BF087709.D

Acq: 5 Jun 2016 15:50

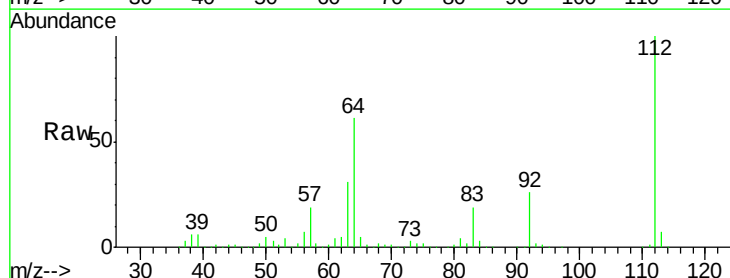
Tgt Ion:112 Resp: 393704

Ion Ratio Lower Upper

112 100

64 61.3 42.2 63.2

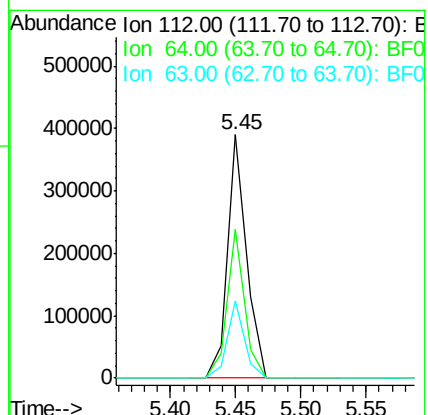
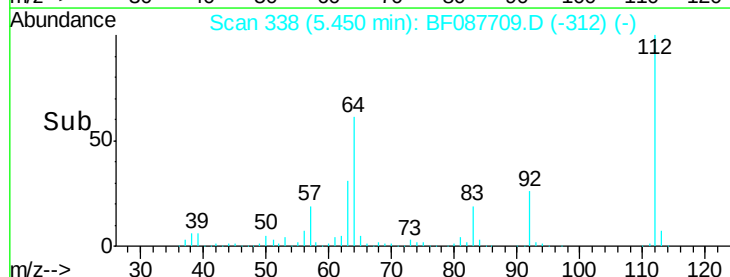
63 31.5 21.8 32.8

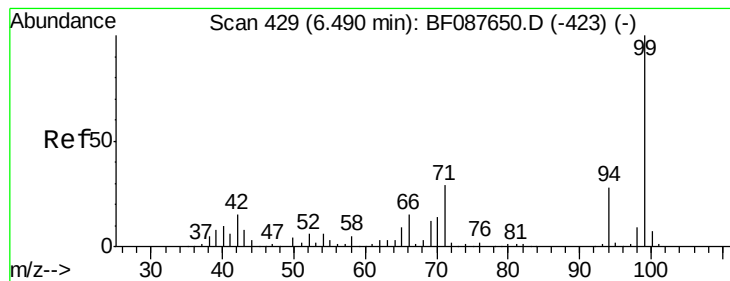


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.33 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087709.D

Acq: 5 Jun 2016 15:50

Instrument :

BNA_F

ClientSampled :

GW-1

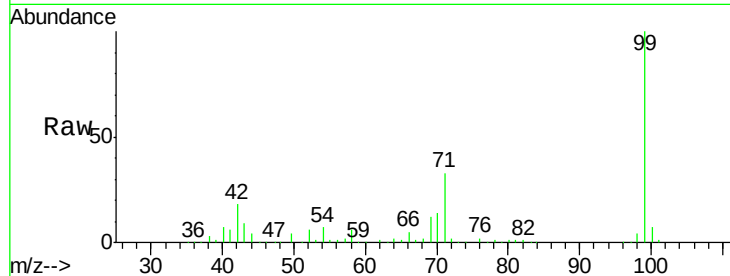
Tgt Ion: 99 Resp: 323022

Ion Ratio Lower Upper

99 100

42 18.4 12.2 18.2#

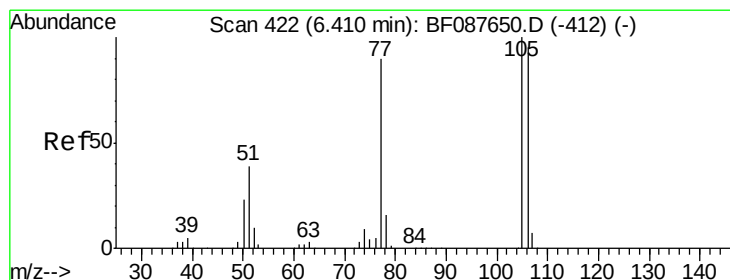
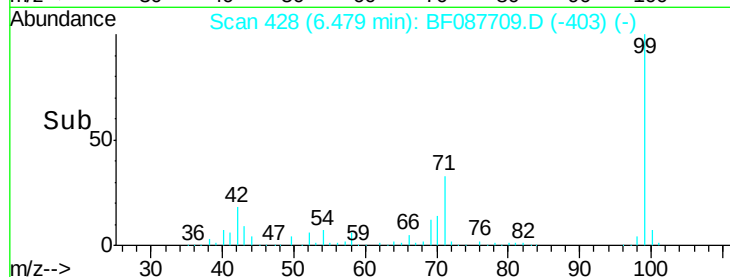
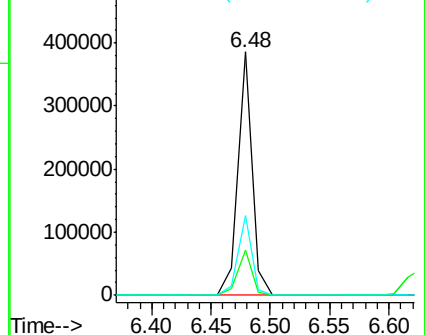
71 33.0 23.4 35.0



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: 2.81 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.22 min

Lab File: BF087709.D

Acq: 5 Jun 2016 15:50

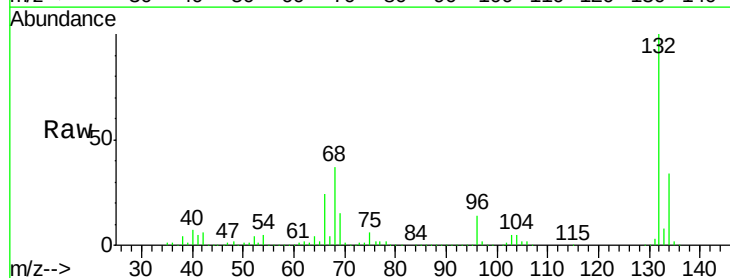
Tgt Ion: 77 Resp: 17384

Ion Ratio Lower Upper

77 100

105 84.1 90.6 130.6#

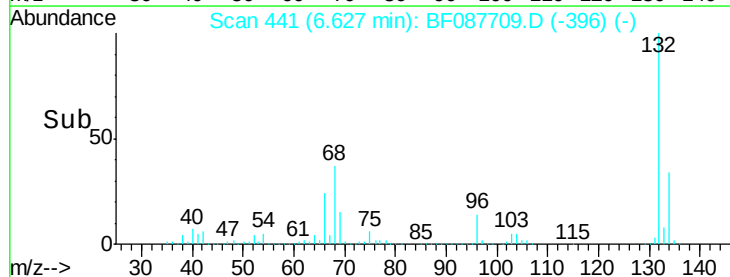
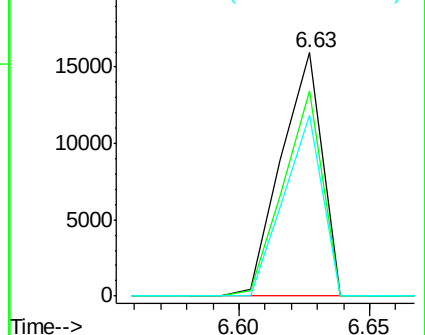
106 74.5 85.3 125.3#

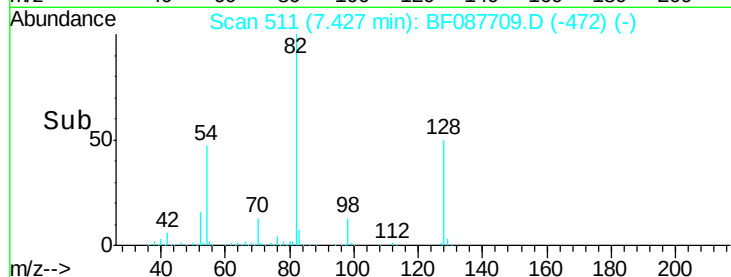
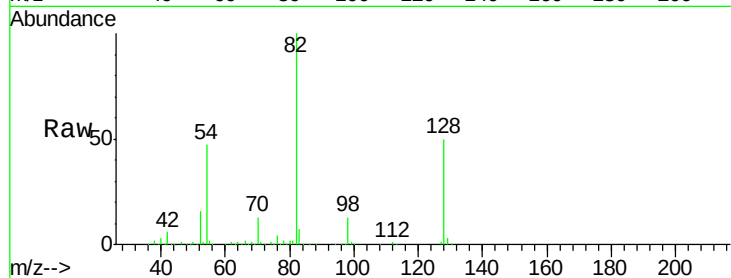
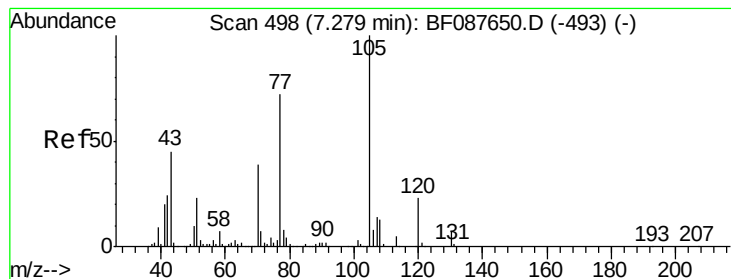


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 17.47 ng

RT: 7.43 min Scan# 511

Delta R.T. 0.15 min

Lab File: BF087709.D

Acq: 5 Jun 2016 15:50

Instrument :

BNA_F

ClientSampleId :

GW-1

Tgt Ion: 70 Resp: 99764

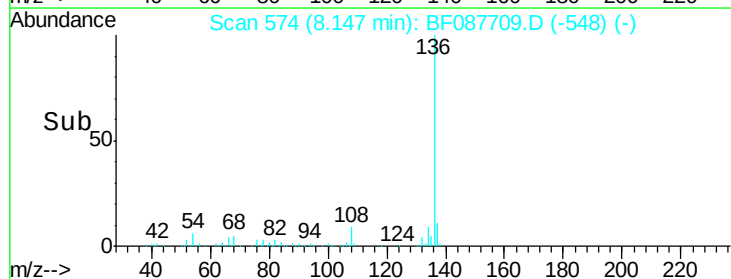
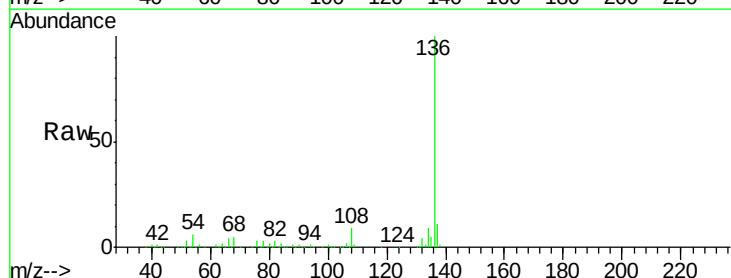
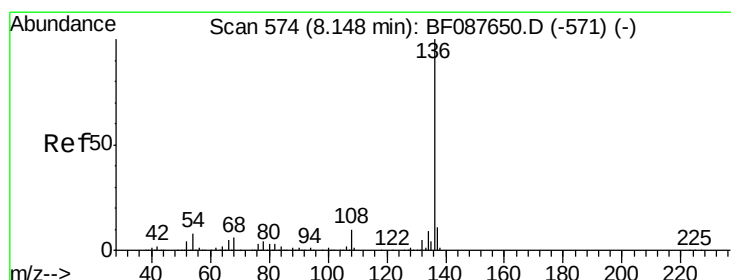
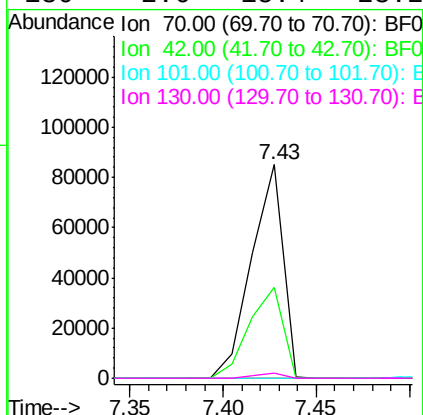
Ion Ratio Lower Upper

70 100

42 42.8 49.6 74.4#

101 0.0 7.1 10.7#

130 2.6 15.4 23.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF087709.D

Acq: 5 Jun 2016 15:50

Tgt Ion: 136 Resp: 493620

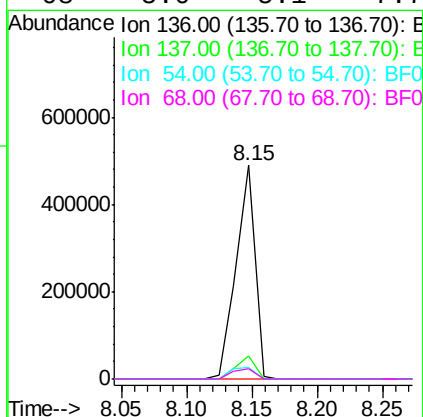
Ion Ratio Lower Upper

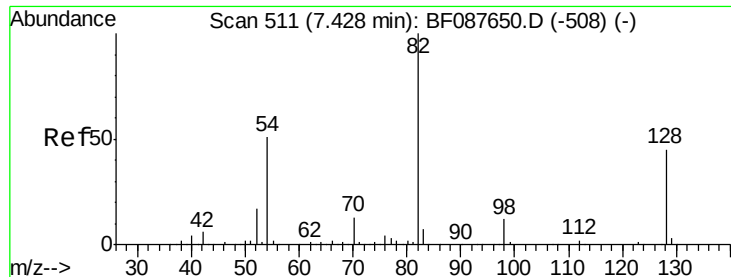
136 100

137 10.8 9.1 13.7

54 5.7 6.6 10.0#

68 5.0 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 88.30 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF087709.D

Acq: 5 Jun 2016 15:50

Instrument :

BNA_F

ClientSampleId :

GW-1

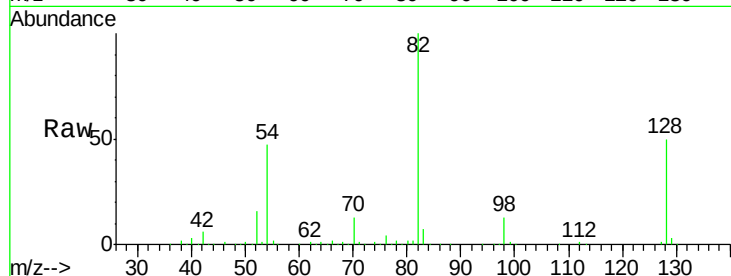
Tgt Ion: 82 Resp: 753314

Ion Ratio Lower Upper

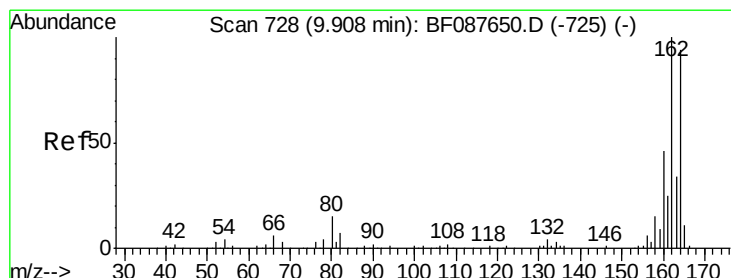
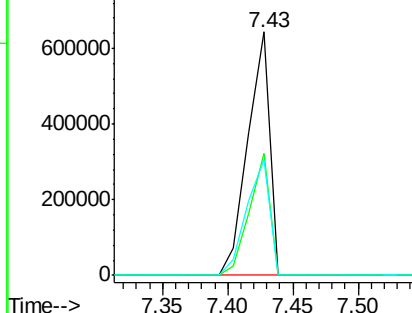
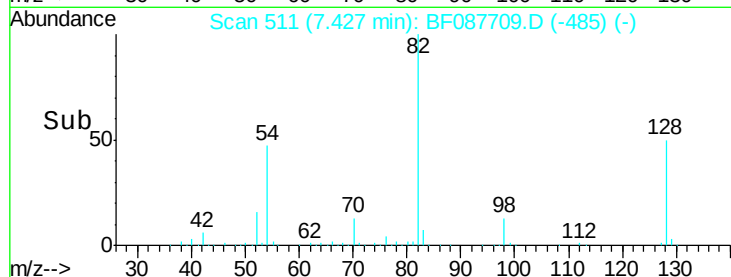
82 100

128 50.2 35.9 53.9

54 47.4 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF087709.D

Acq: 5 Jun 2016 15:50

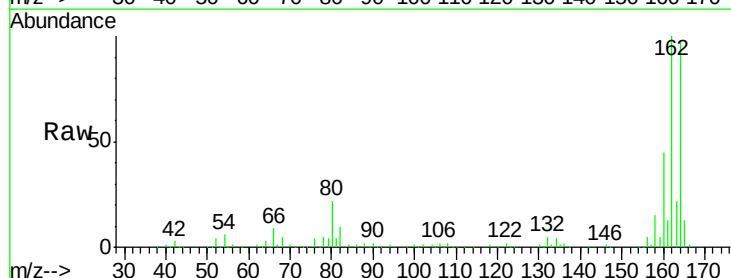
Tgt Ion: 164 Resp: 226894

Ion Ratio Lower Upper

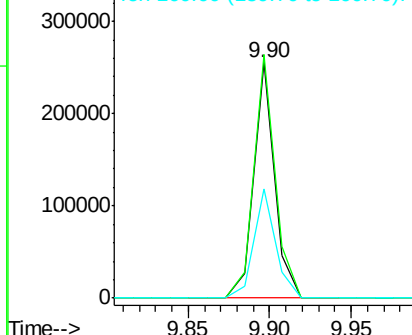
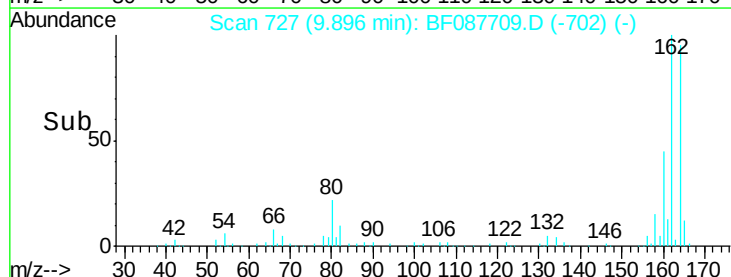
164 100

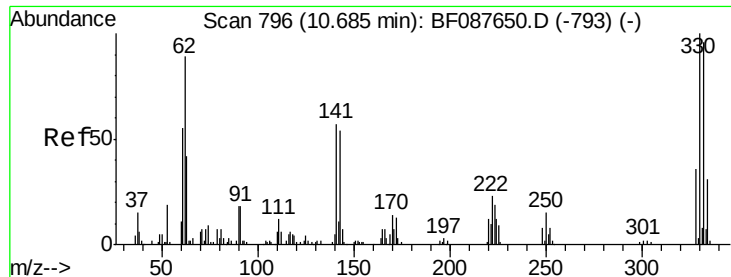
162 103.4 85.4 128.2

160 46.5 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

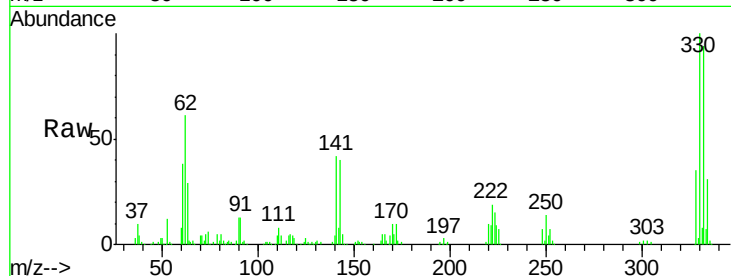




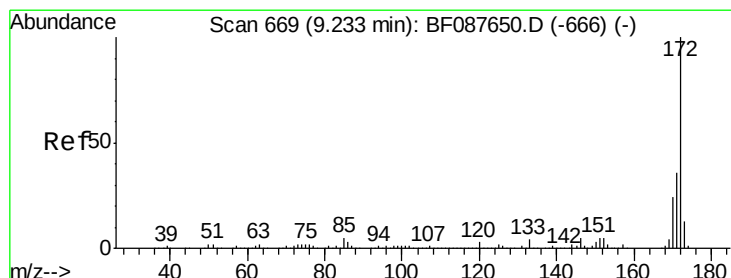
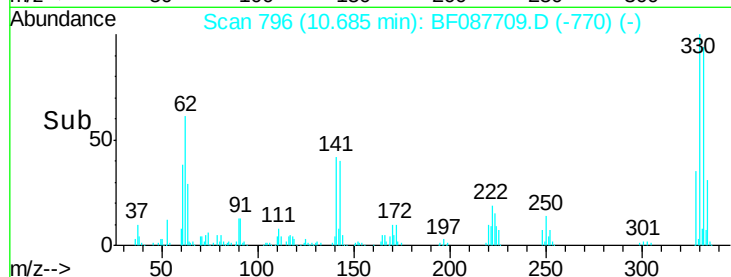
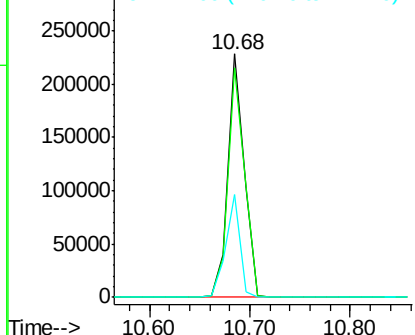
#41
 2,4,6-Tribromophenol
 Concen: 113.91 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087709.D
 Acq: 5 Jun 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 GW-1

Tgt Ion:330 Resp: 259446
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 36.8 0.0 0.0#

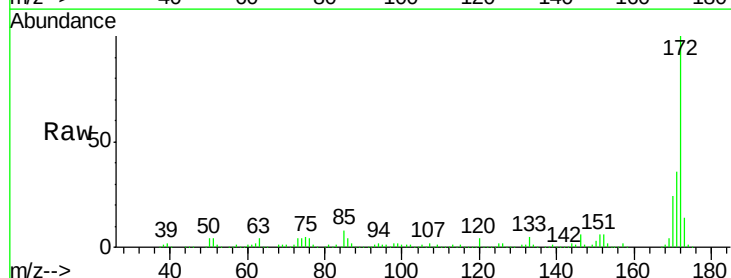


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

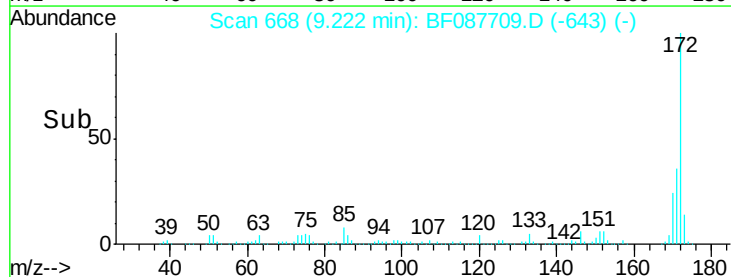
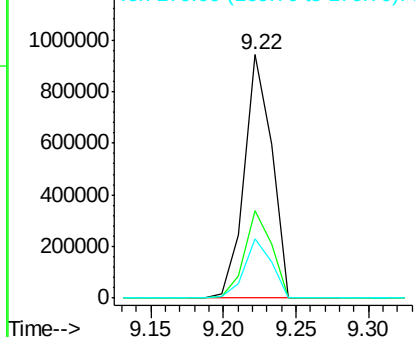


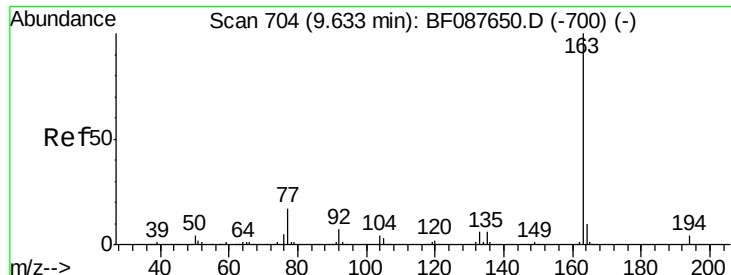
#44
 2-Fluorobiphenyl
 Concen: 83.35 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087709.D
 Acq: 5 Jun 2016 15:50

Tgt Ion:172 Resp: 1239843
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 24.4 19.2 28.8



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: 5.48 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF087709.D

Acq: 5 Jun 2016 15:50

Instrument :

BNA_F

ClientSampleId :

GW-1

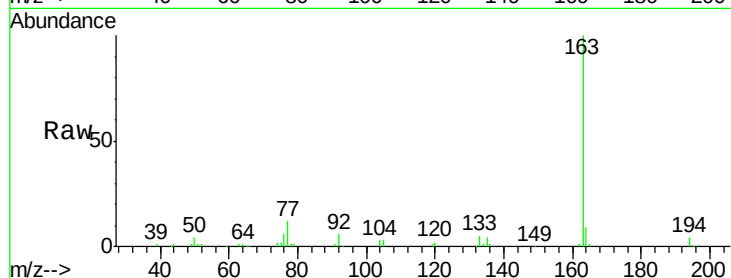
Tgt Ion:163 Resp: 90381

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

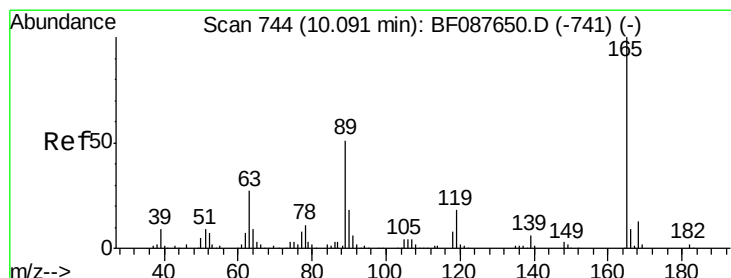
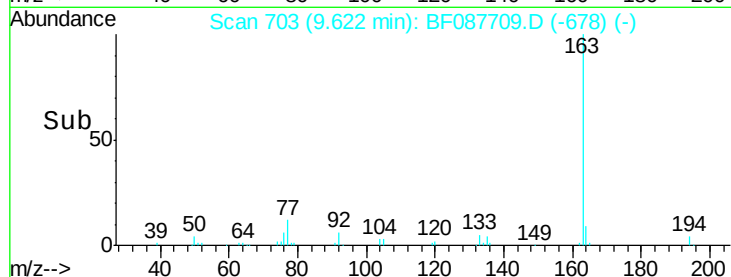
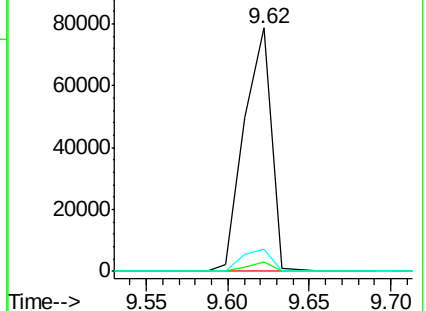
164 9.1 8.3 12.5



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



#56

2,4-Dinitrotoluene

Concen: 6.07 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.19 min

Lab File: BF087709.D

Acq: 5 Jun 2016 15:50

Tgt Ion:165 Resp: 29024

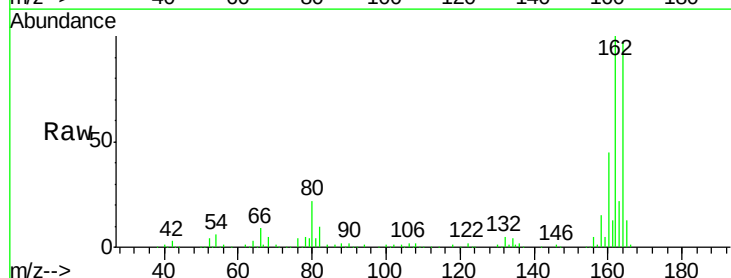
Ion Ratio Lower Upper

165 100

63 1.5 22.0 33.0#

89 1.5 41.1 61.7#

182 0.0 2.0 3.0#

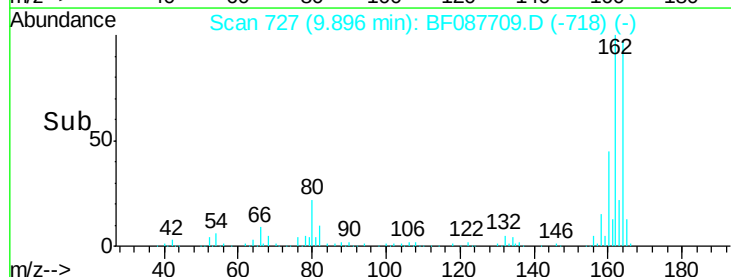
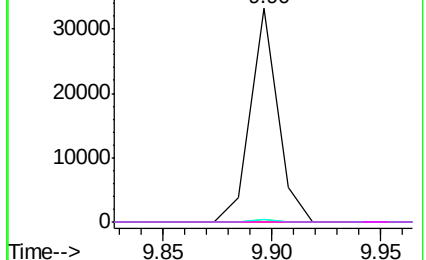


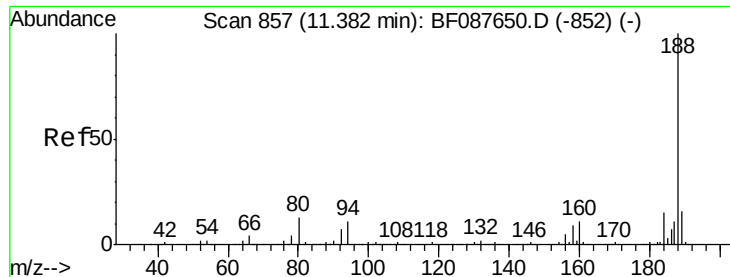
Abundance Ion 165.00 (164.70 to 165.70): E

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

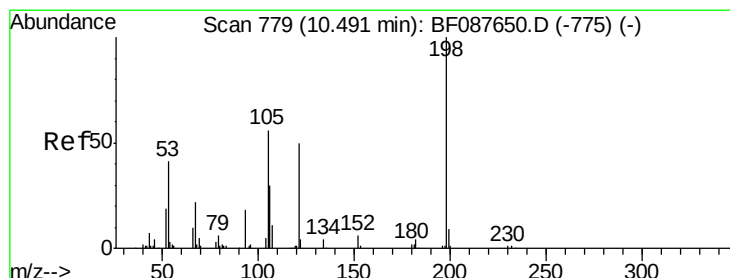
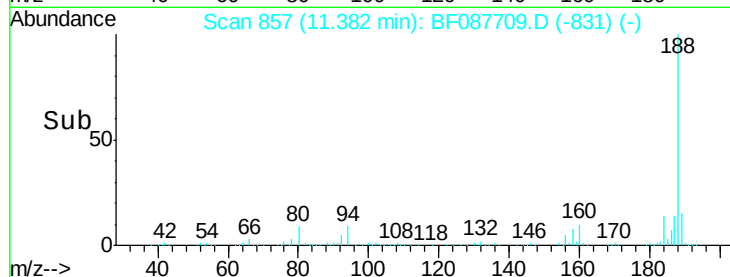
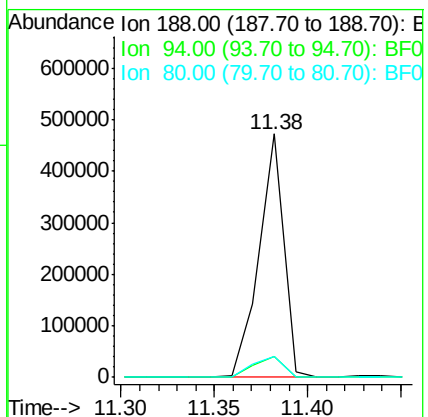
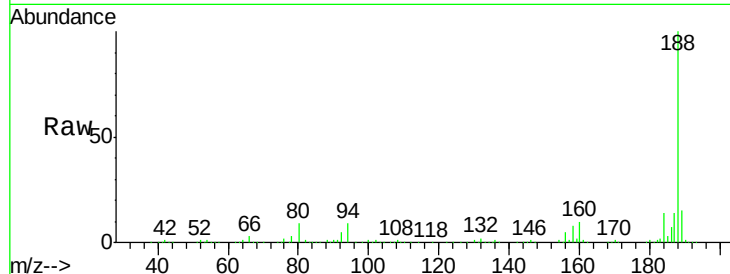




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF087709.D
 Acq: 5 Jun 2016 15:50

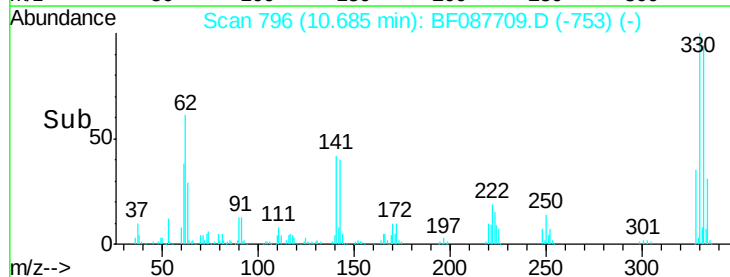
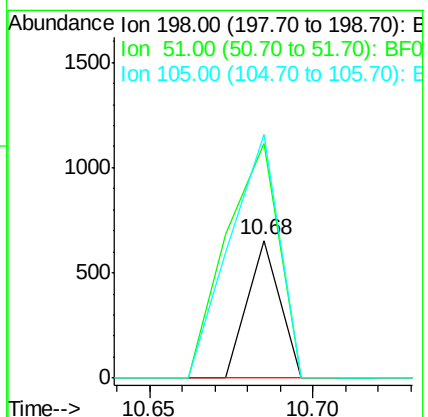
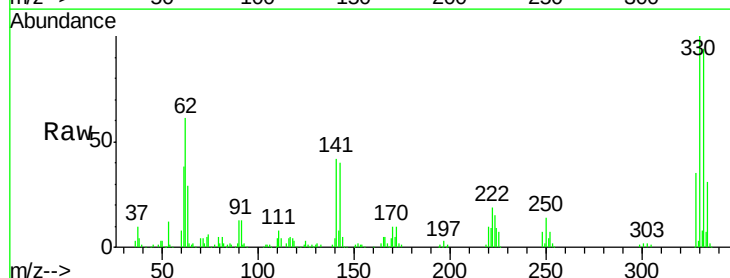
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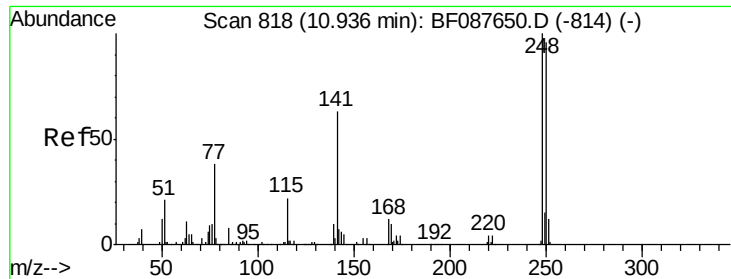
Tgt Ion:188 Resp: 433445
 Ion Ratio Lower Upper
 188 100
 94 8.6 9.0 13.6#
 80 8.7 10.0 15.0#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.19 ng
 RT: 10.68 min Scan# 796
 Delta R.T. 0.19 min
 Lab File: BF087709.D
 Acq: 5 Jun 2016 15:50

Tgt Ion:198 Resp: 449
 Ion Ratio Lower Upper
 198 100
 51 169.9 39.6 79.6#
 105 176.6 36.6 76.6#

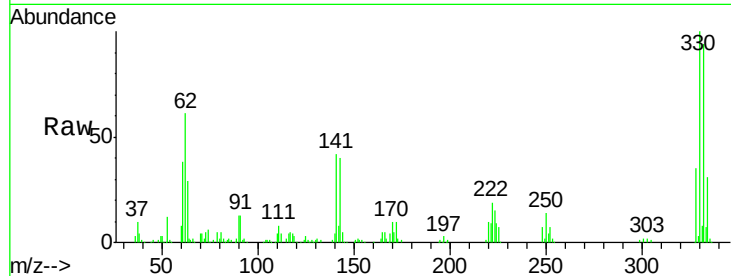




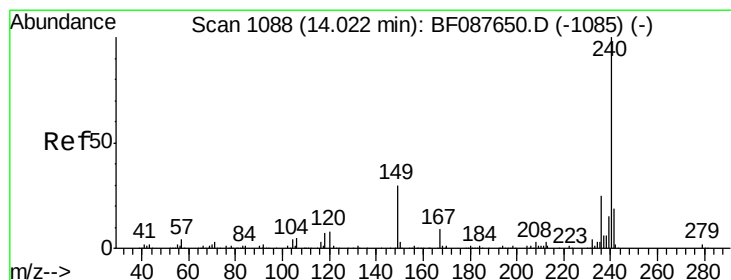
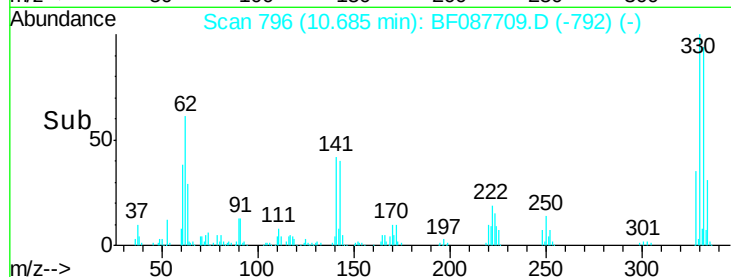
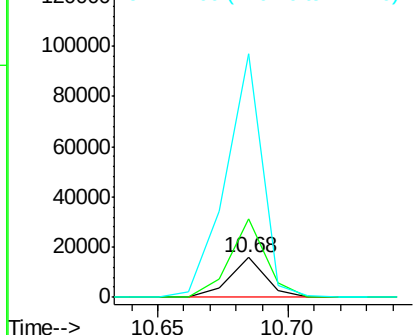
#66
4-Bromophenyl-phenylether
Concen: 3.59 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.25 min
Lab File: BF087709.D
Acq: 5 Jun 2016 15:50

Instrument :
BNA_F
ClientSampleId :
GW-1

Tgt Ion:248 Resp: 15413
Ion Ratio Lower Upper
248 100
250 199.5 77.1 115.7#
141 616.2 50.6 76.0#

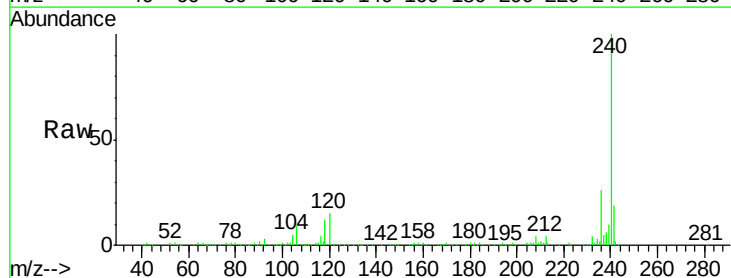


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

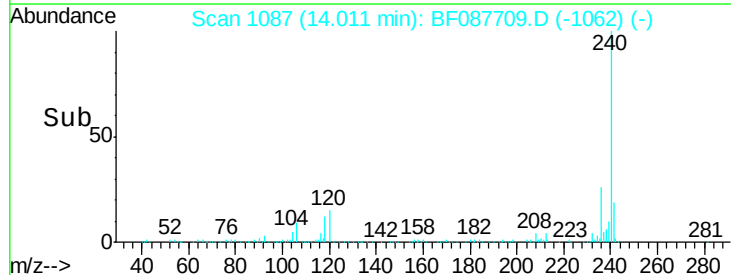
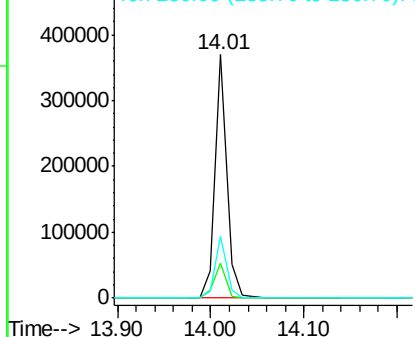


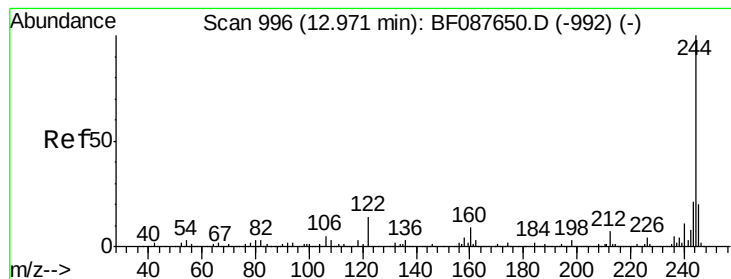
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BF087709.D
Acq: 5 Jun 2016 15:50

Tgt Ion:240 Resp: 324189
Ion Ratio Lower Upper
240 100
120 14.6 6.8 10.2#
236 25.6 20.2 30.2



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: 75.31 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087709.D

Acq: 5 Jun 2016 15:50

Instrument :

BNA_F

ClientSampleId :

GW-1

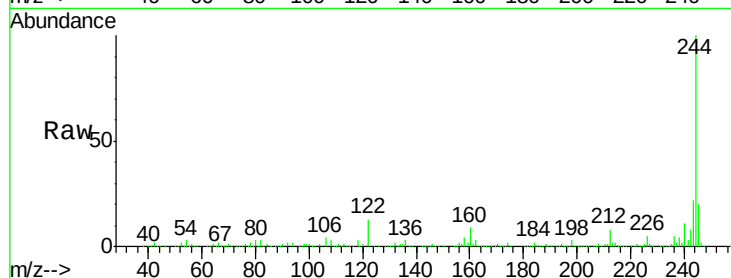
Tgt Ion:244 Resp: 1000561

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

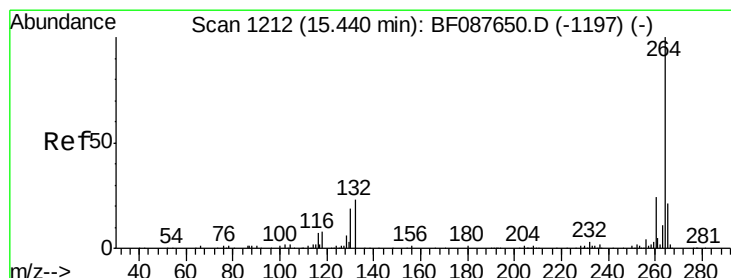
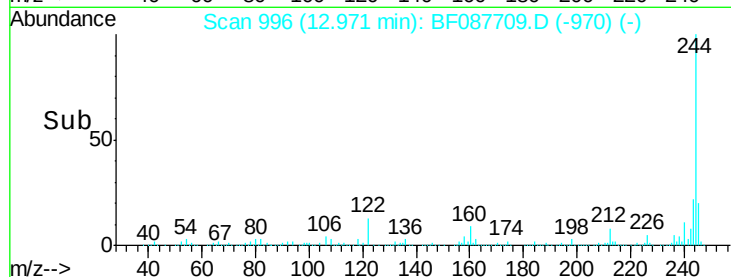
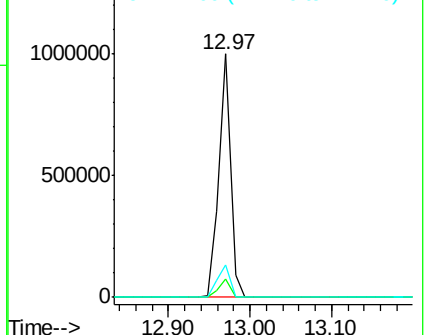
122 13.5 11.2 16.8



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: 15.44 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BF087709.D

Acq: 5 Jun 2016 15:50

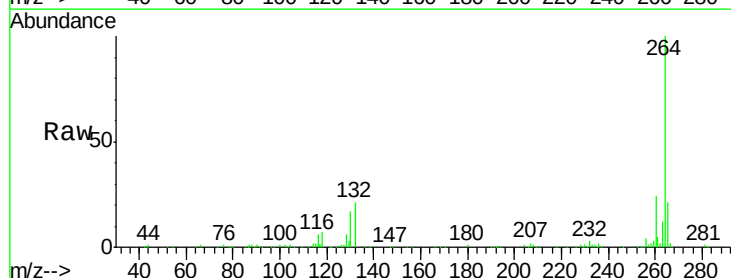
Tgt Ion:264 Resp: 247814

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.1 16.9 25.3



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

