

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110315\
 Data File : BF082661.D
 Acq On : 3 Nov 2015 15:26
 Operator : UM/IZ
 Sample : G4209-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GACMEDIA-151029

Quant Time: Nov 04 03:12:43 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

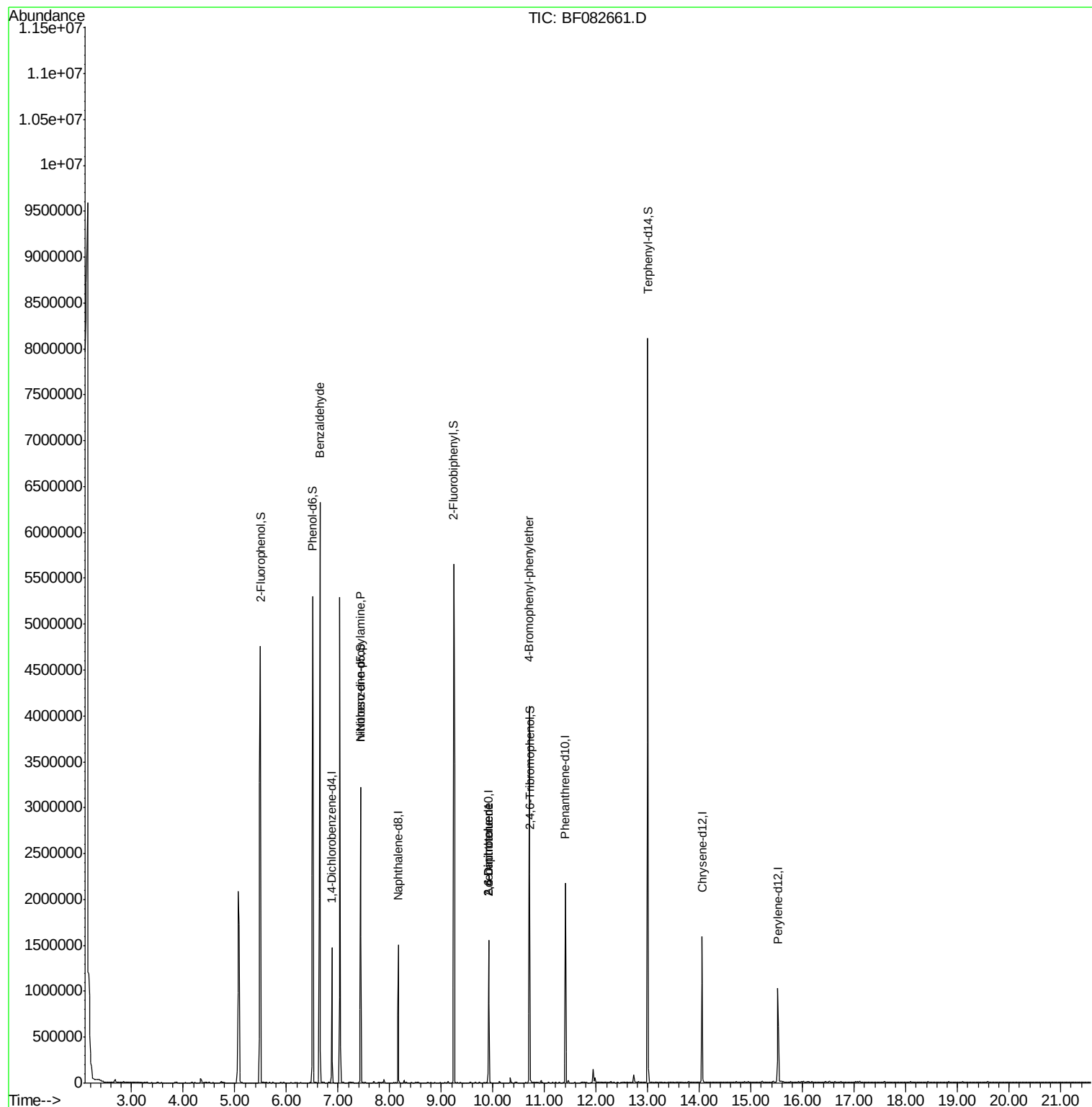
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	186847	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	747890	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	362688	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	722179	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	716073	20.00	ng	0.00
86) Perylene-d12	15.52	264	516667	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1548671	124.84	ng	0.02
7) Phenol-d6	6.51	99	1765460	107.12	ng	0.00
23) Nitrobenzene-d5	7.44	82	1348657	73.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	628771	158.41	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	2301246	90.09	ng	-0.01
78) Terphenyl-d14	13.00	244	2577934	78.79	ng	0.00
Target Compounds						
9) Benzaldehyde	6.65	77	45679	4.06	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.44	70	187880	15.04	ng	# 70
50) 2,6-Dinitrotoluene	9.92	165	46544	7.58	ng	# 17
56) 2,4-Dinitrotoluene	9.92	165	46549	5.61	ng	# 15
66) 4-Bromophenyl-phenylether	10.70	248	39312	4.80	ng	# 1

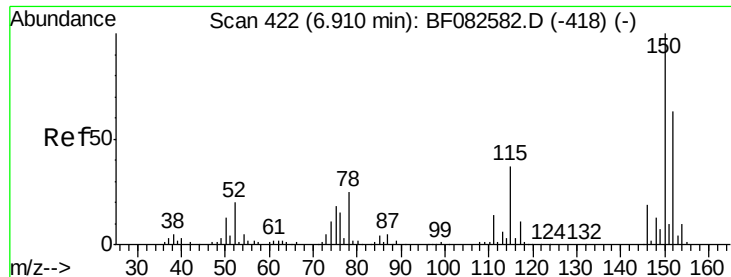
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110315\
Data File : BF082661.D
Acq On : 3 Nov 2015 15:26
Operator : UM/IZ
Sample : G4209-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029

Quant Time: Nov 04 03:12:43 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF082661.D

Acq: 3 Nov 2015 15:26

Instrument :

BNA_F

ClientSampleId :

GACMEDIA-151029

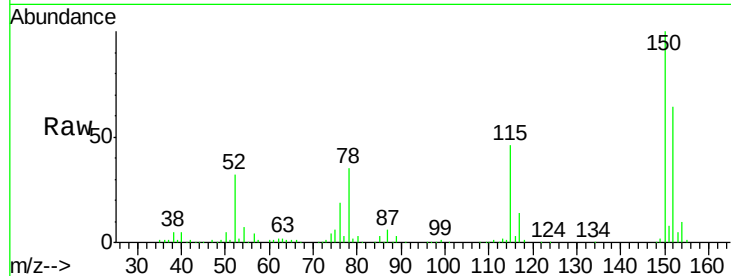
Tgt Ion:152 Resp: 186847

Ion Ratio Lower Upper

152 100

150 156.1 127.0 190.4

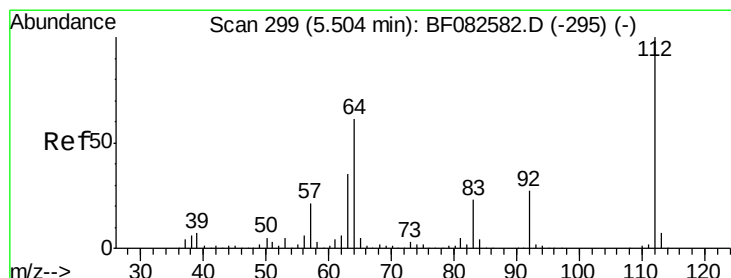
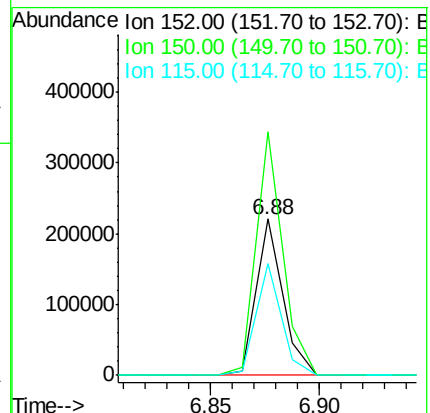
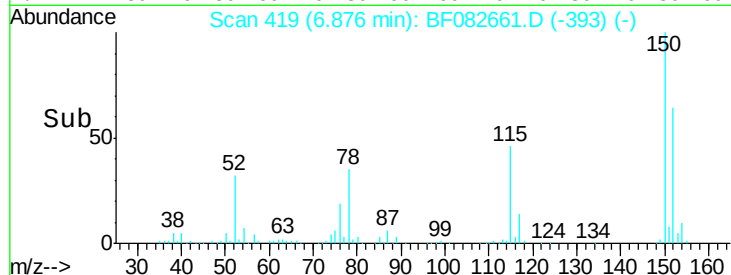
115 72.0 47.0 70.6#



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: 124.84 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.02 min

Lab File: BF082661.D

Acq: 3 Nov 2015 15:26

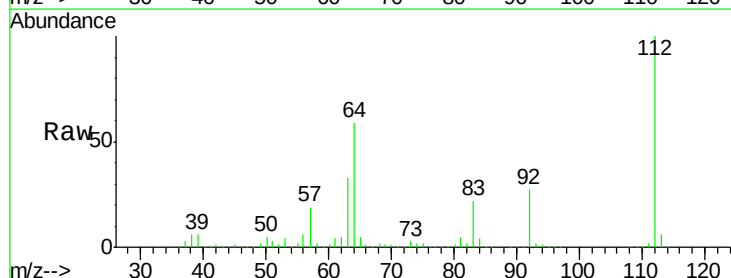
Tgt Ion:112 Resp: 1548671

Ion Ratio Lower Upper

112 100

64 59.1 48.9 73.3

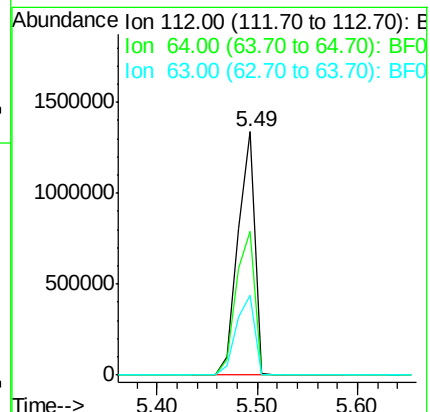
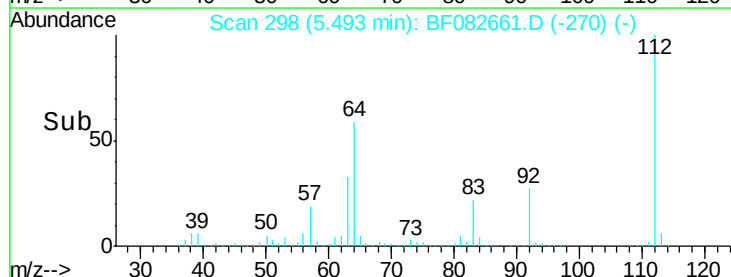
63 32.9 28.1 42.1

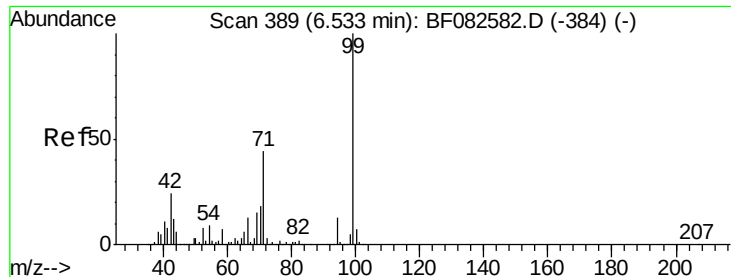


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.12 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082661.D

Acq: 3 Nov 2015 15:26

Instrument :

BNA_F

ClientSampleId :

GACMEDIA-151029

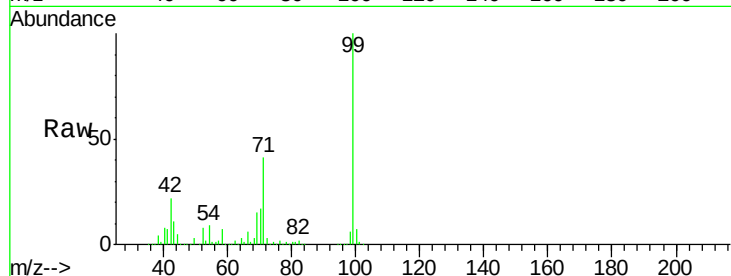
Tgt Ion: 99 Resp: 1765460

Ion Ratio Lower Upper

99 100

42 21.5 19.2 28.8

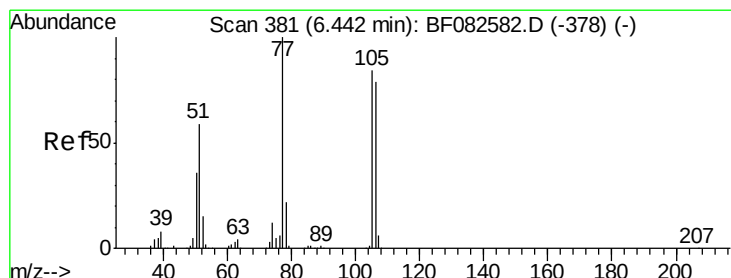
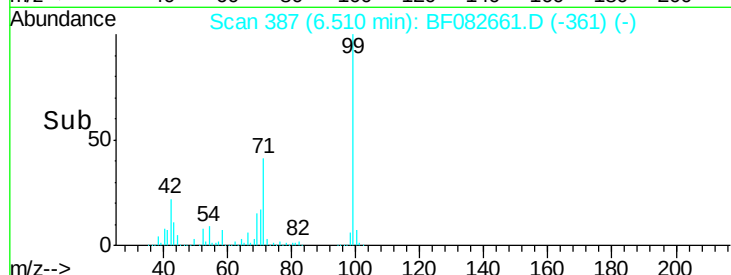
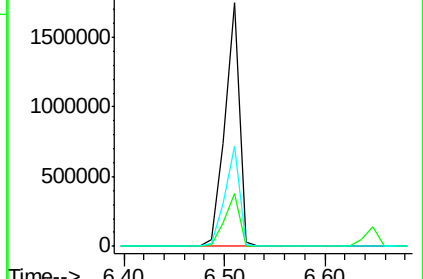
71 41.1 35.0 52.4



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: 4.06 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.23 min

Lab File: BF082661.D

Acq: 3 Nov 2015 15:26

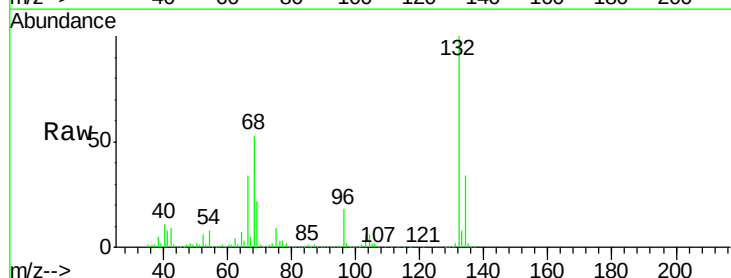
Tgt Ion: 77 Resp: 45679

Ion Ratio Lower Upper

77 100

105 72.9 63.5 103.5

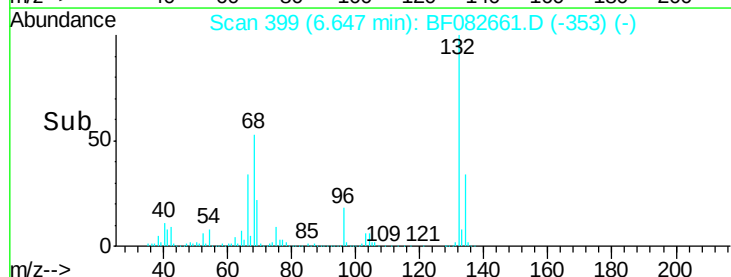
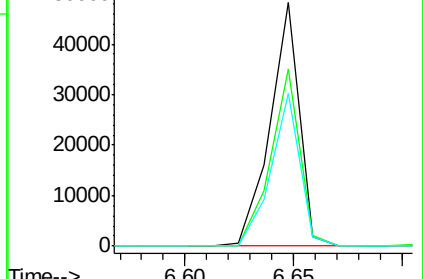
106 62.6 59.3 99.3

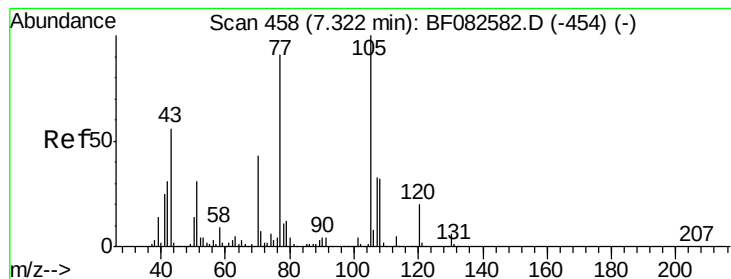


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 15.04 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.14 min

Lab File: BF082661.D

Acq: 3 Nov 2015 15:26

Instrument :

BNA_F

ClientSampleId :

GACMEDIA-151029

Tgt Ion: 70 Resp: 187880

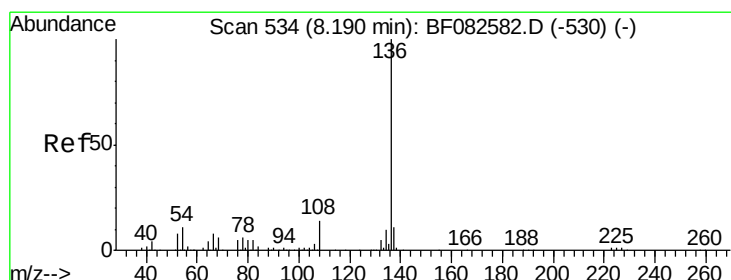
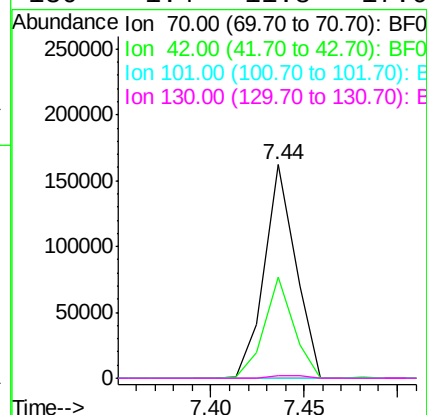
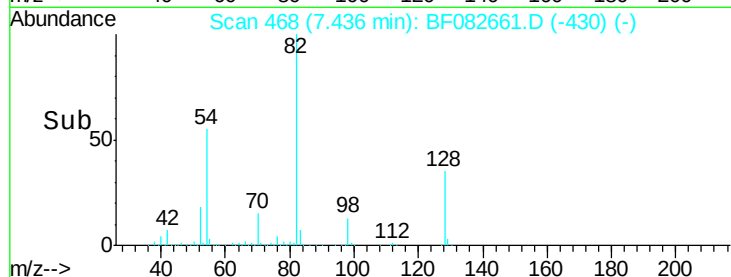
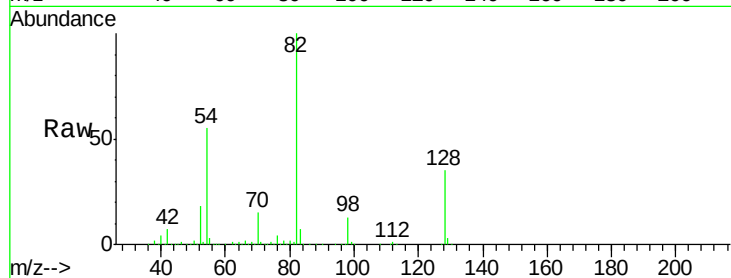
Ion Ratio Lower Upper

70 100

42 47.1 57.7 86.5#

101 0.0 7.0 10.6#

130 1.4 11.8 17.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF082661.D

Acq: 3 Nov 2015 15:26

Tgt Ion: 136 Resp: 747890

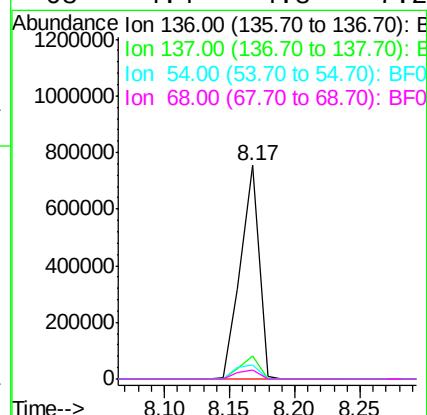
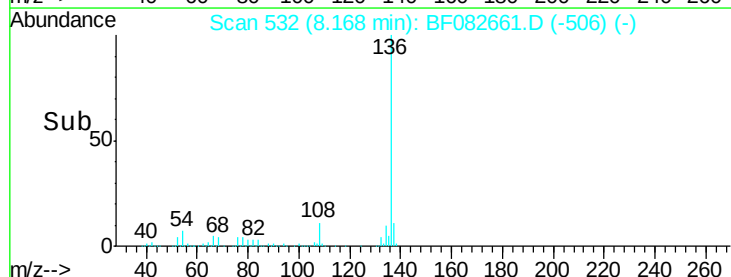
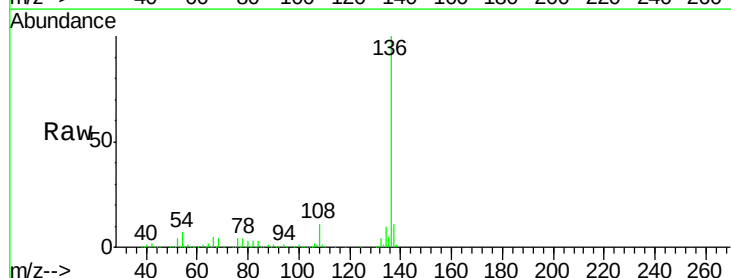
Ion Ratio Lower Upper

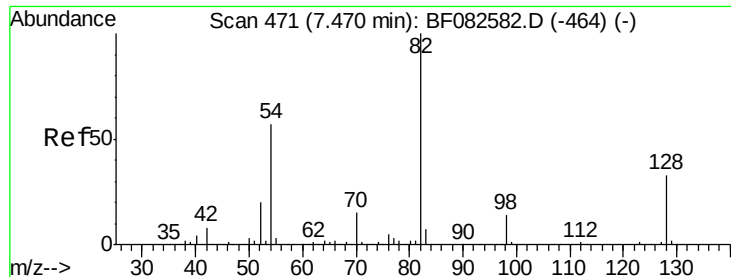
136 100

137 10.7 9.1 13.7

54 6.6 9.1 13.7#

68 4.4 4.8 7.2#

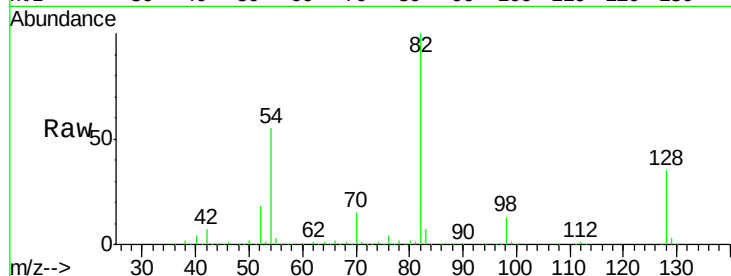




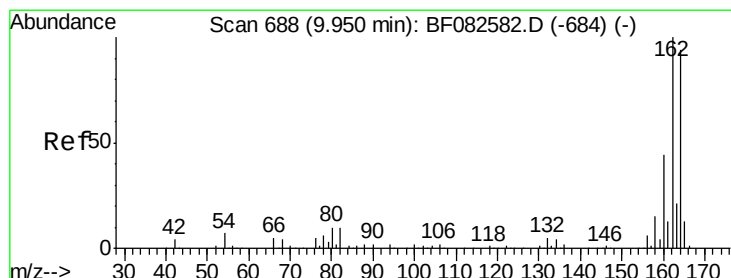
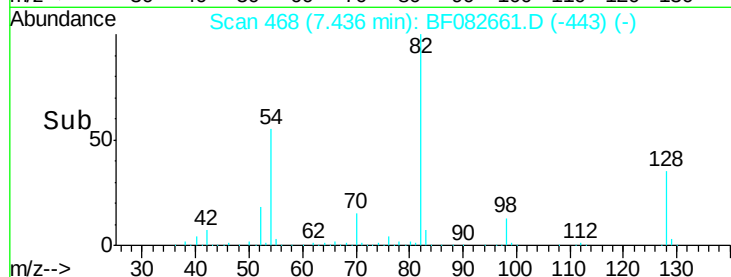
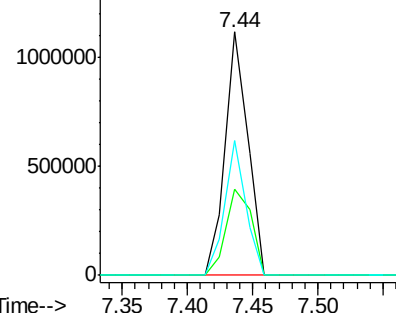
#23
 Nitrobenzene-d5
 Concen: 73.64 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF082661.D
 Acq: 3 Nov 2015 15:26

Instrument :
 BNA_F
 ClientSampleId :
 GACMEDIA-151029

Tgt Ion: 82 Resp: 1348657
 Ion Ratio Lower Upper
 82 100
 128 35.2 26.8 40.2
 54 55.2 45.7 68.5

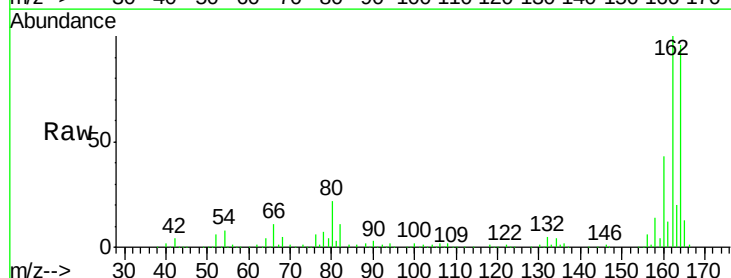


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

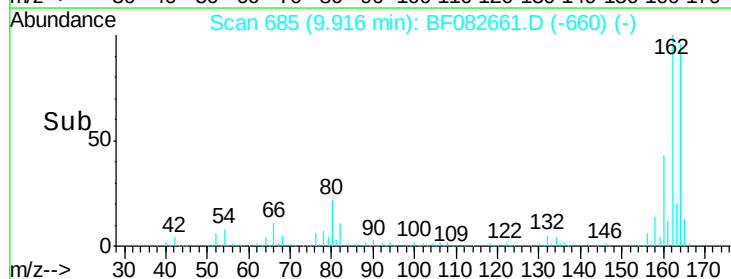
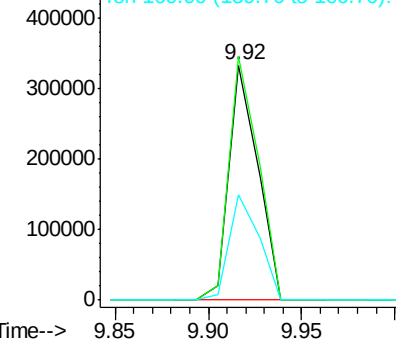


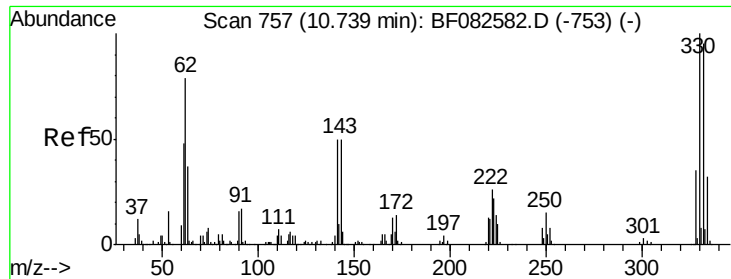
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF082661.D
 Acq: 3 Nov 2015 15:26

Tgt Ion: 164 Resp: 362688
 Ion Ratio Lower Upper
 164 100
 162 103.7 84.9 127.3
 160 45.0 37.5 56.3



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

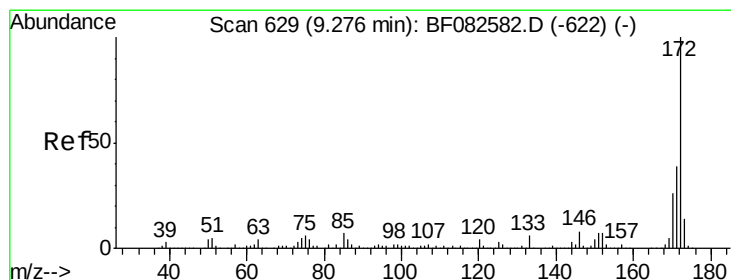
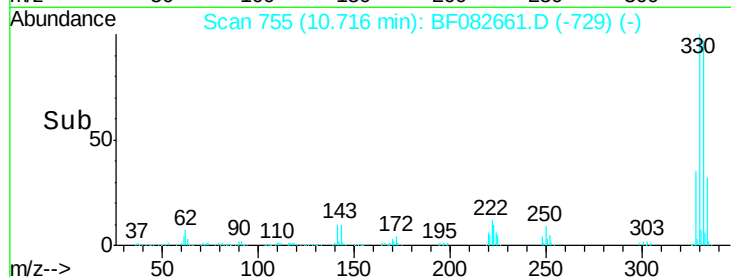
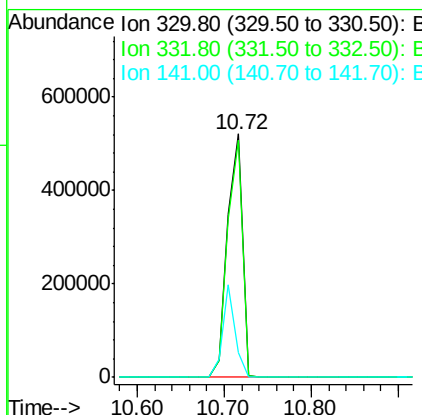
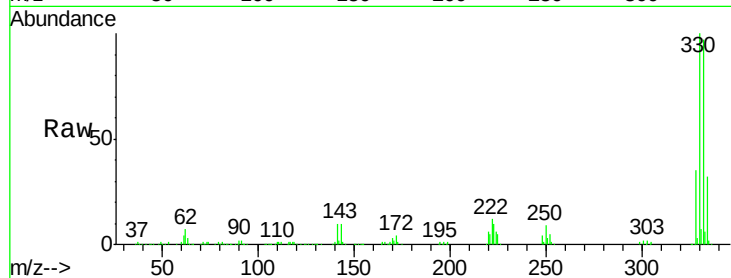




#41
 2,4,6-Tribromophenol
 Concen: 158.41 ng
 RT: 10.72 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF082661.D
 Acq: 3 Nov 2015 15:26

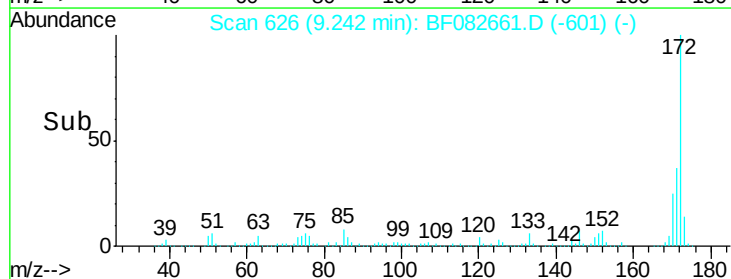
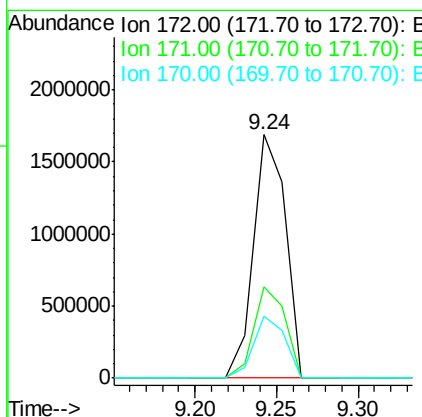
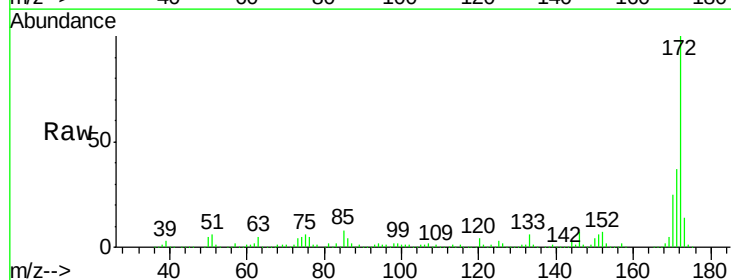
Instrument :
 BNA_F
 ClientSampleId :
 GACMEDIA-151029

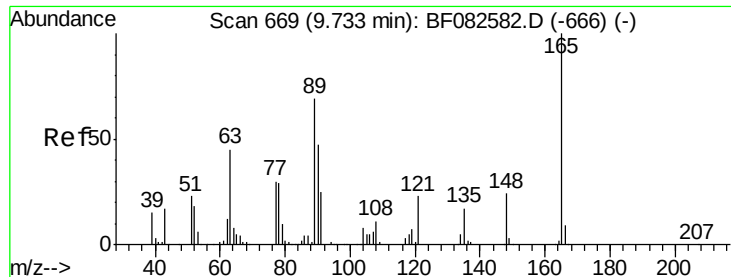
Tgt Ion:330 Resp: 628771
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 114.8
 141 32.3 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 90.09 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF082661.D
 Acq: 3 Nov 2015 15:26

Tgt Ion:172 Resp: 2301246
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 25.3 21.2 31.8

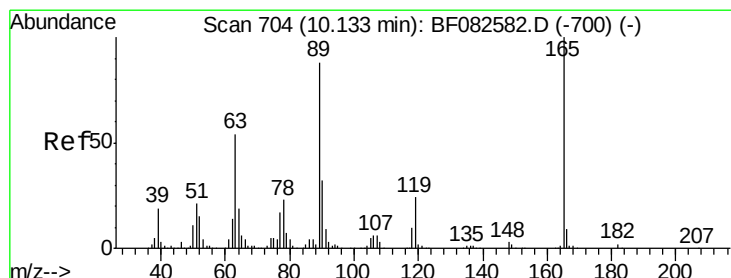
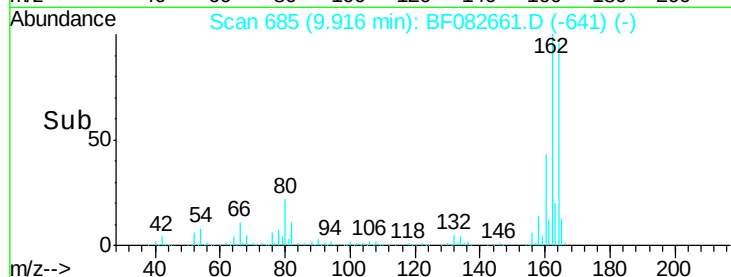
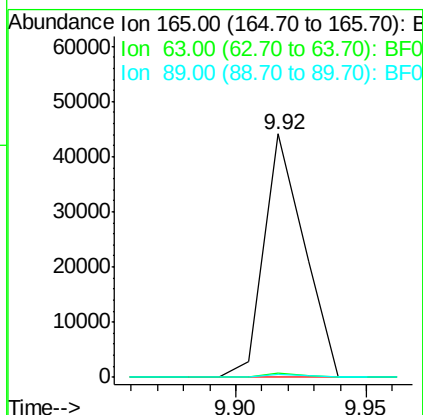
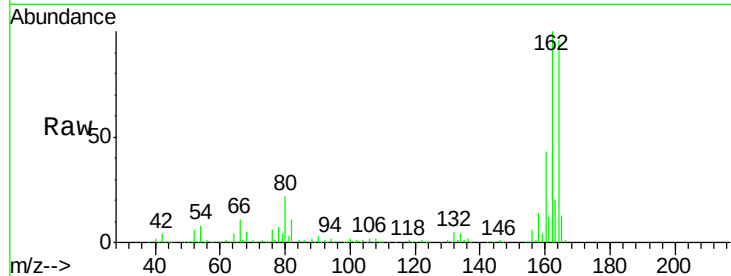




#50
 2,6-Dinitrotoluene
 Concen: 7.58 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.21 min
 Lab File: BF082661.D
 Acq: 3 Nov 2015 15:26

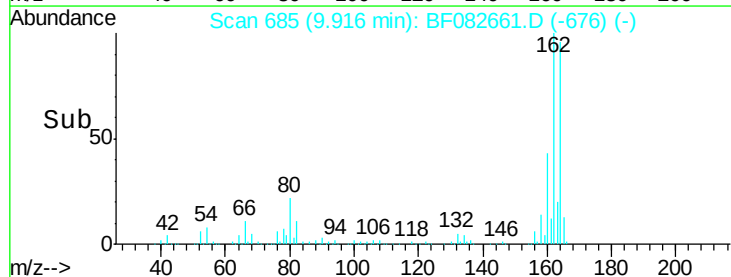
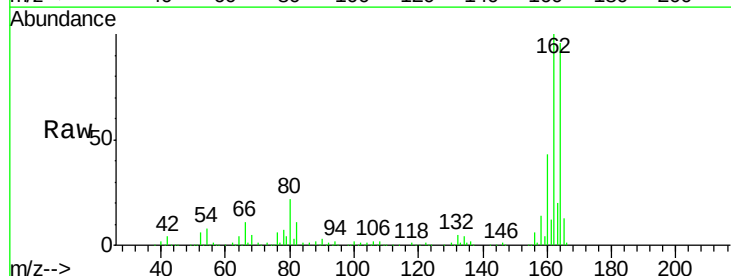
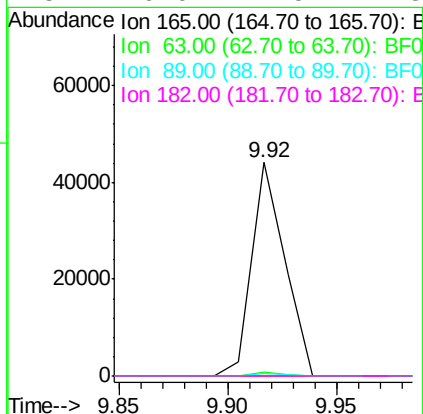
Instrument :
 BNA_F
 ClientSampleId :
 GACMEDIA-151029

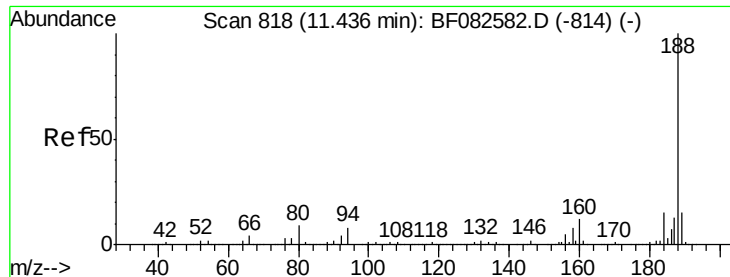
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	55.5	83.3#
89	1.4	55.0	82.6#



#56
 2,4-Dinitrotoluene
 Concen: 5.61 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.19 min
 Lab File: BF082661.D
 Acq: 3 Nov 2015 15:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	43.4	65.0#
89	1.4	70.6	106.0#
182	0.0	1.5	2.3#

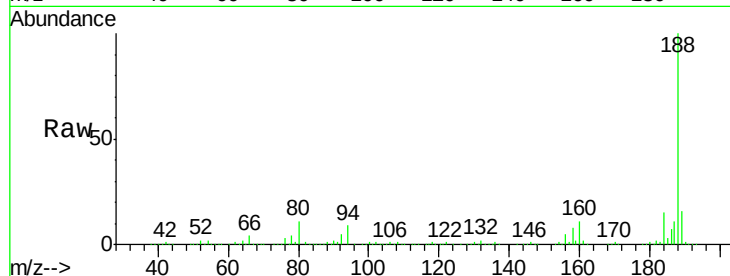




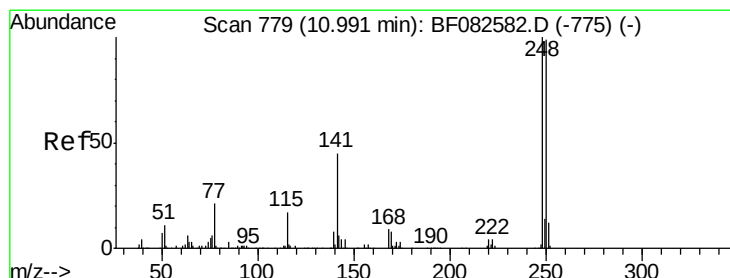
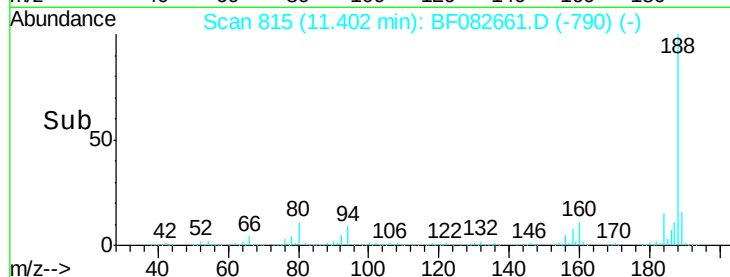
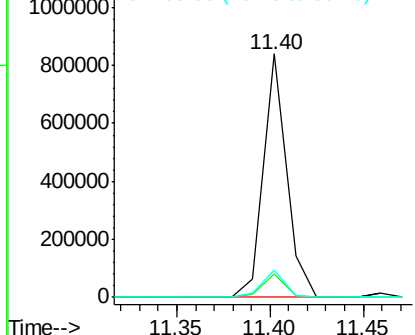
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF082661.D
 Acq: 3 Nov 2015 15:26

Instrument :
 BNA_F
 ClientSampleId :
 GACMEDIA-151029

Tgt Ion:188 Resp: 722179
 Ion Ratio Lower Upper
 188 100
 94 9.5 6.1 9.1#
 80 11.3 7.0 10.6#

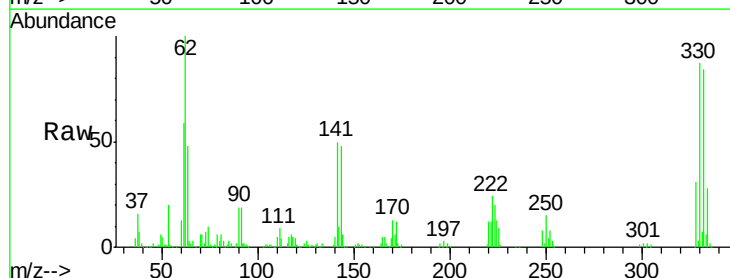


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

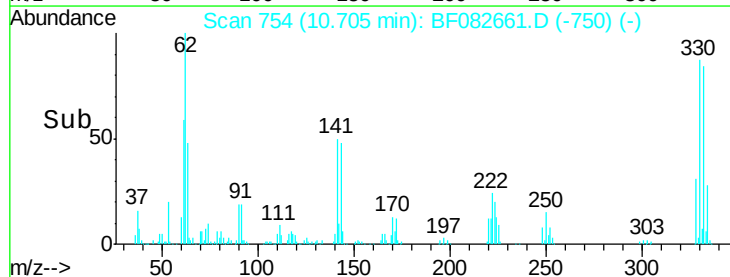
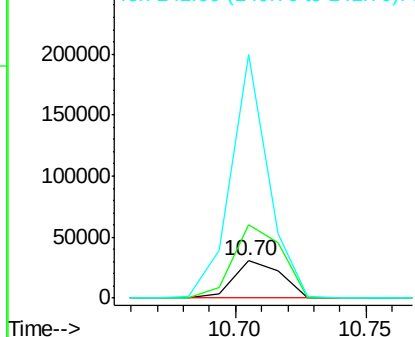


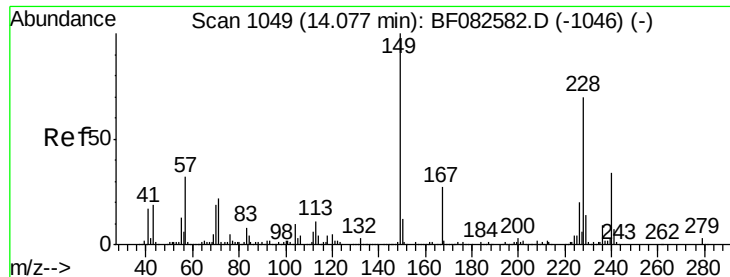
#66
 4-Bromophenyl-phenylether
 Concen: 4.80 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.25 min
 Lab File: BF082661.D
 Acq: 3 Nov 2015 15:26

Tgt Ion:248 Resp: 39312
 Ion Ratio Lower Upper
 248 100
 250 195.7 79.4 119.2#
 141 649.9 36.3 54.5#



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: 14.05 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF082661.D

Acq: 3 Nov 2015 15:26

Instrument :

BNA_F

ClientSampleId :

GACMEDIA-151029

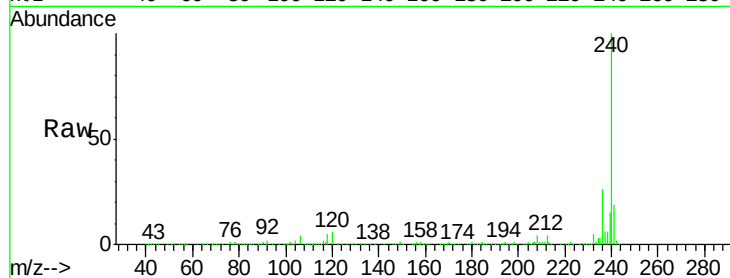
Tgt Ion:240 Resp: 716073

Ion Ratio Lower Upper

240 100

120 5.5 10.9 16.3#

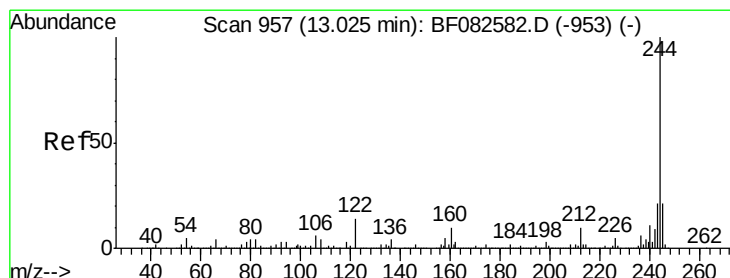
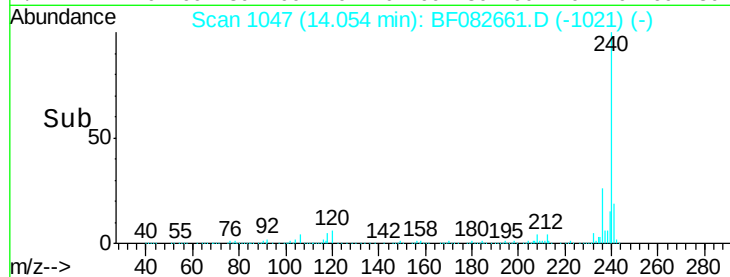
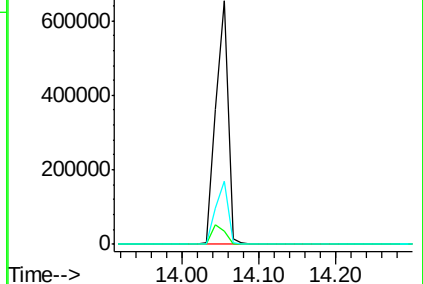
236 26.0 21.6 32.4



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: 78.79 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF082661.D

Acq: 3 Nov 2015 15:26

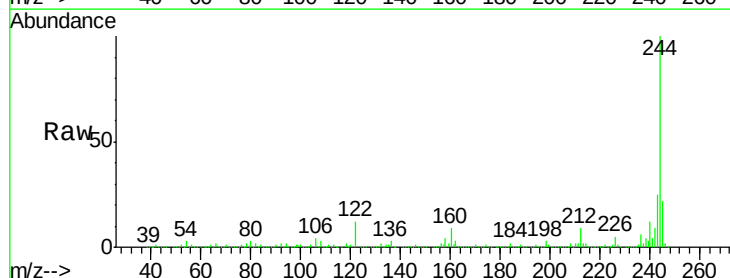
Tgt Ion:244 Resp: 2577934

Ion Ratio Lower Upper

244 100

212 8.7 7.6 11.4

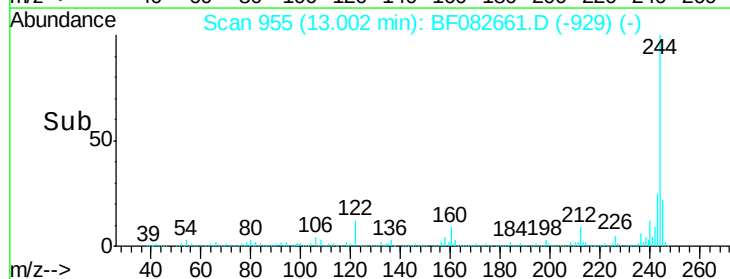
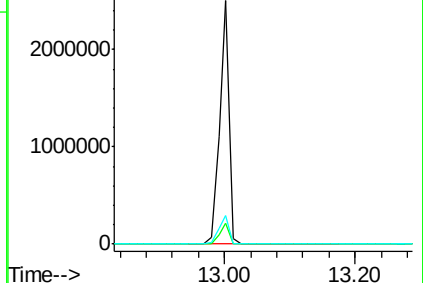
122 11.6 11.3 16.9

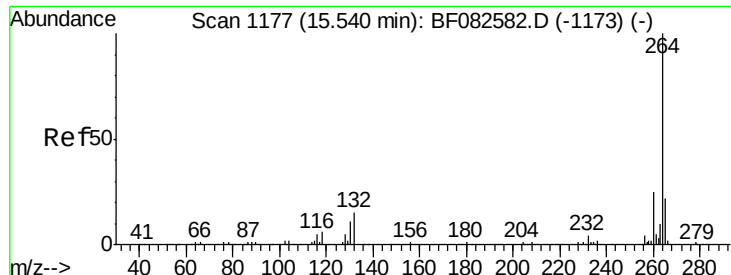


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF082661.D
Acq: 3 Nov 2015 15:26

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029

Tgt Ion:	264	Resp:	516667
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.8	29.6
265	22.2	17.4	26.0

