

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
 Data File : BF086237.D
 Acq On : 16 Apr 2016 1:51
 Operator : UM/SJ
 Sample : H2402-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-03-4-7-16

Quant Time: Apr 16 03:56:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

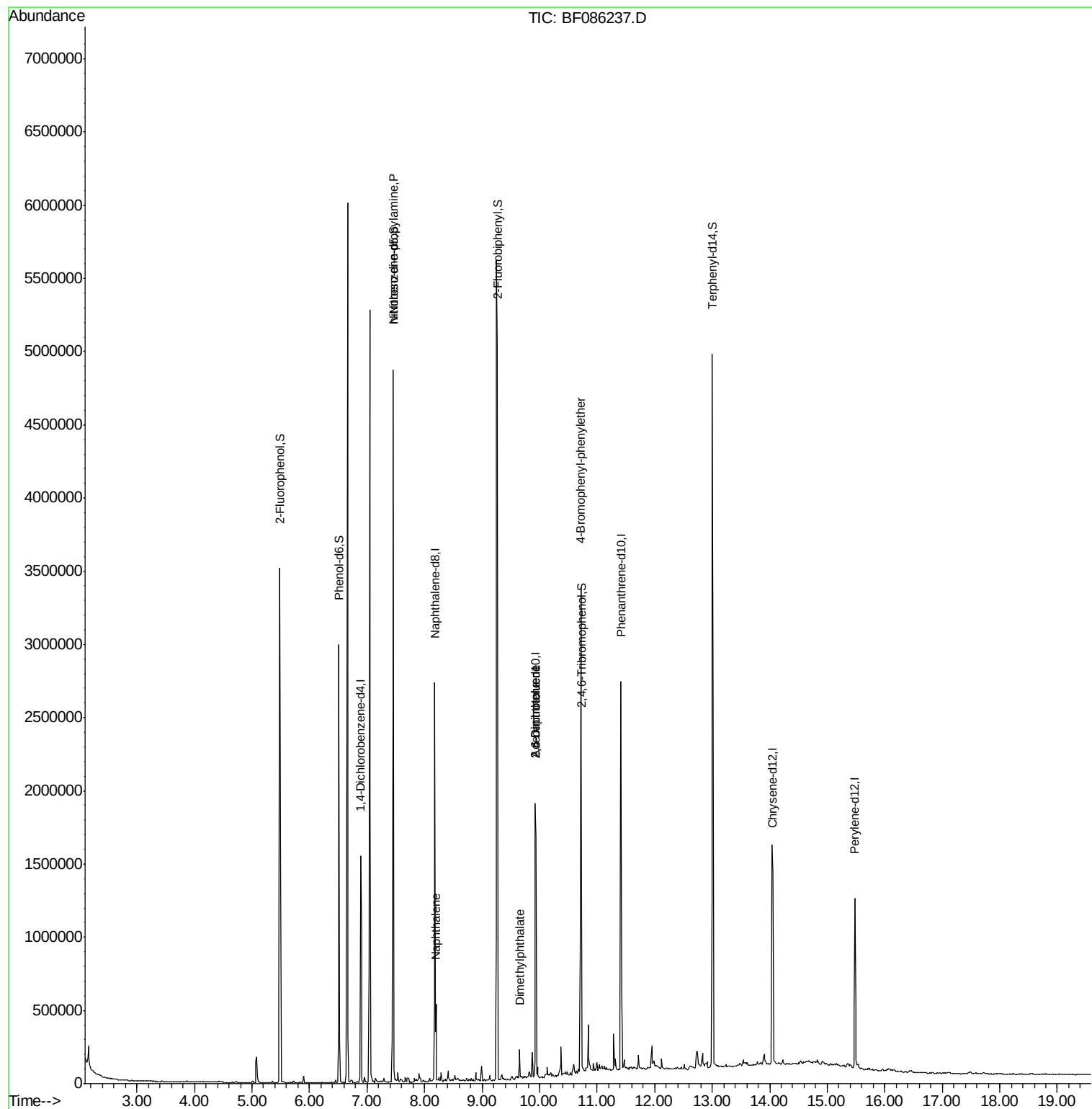
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	293606	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1167882	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	518018	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	908395	20.00	ng	0.00
75) Chrysene-d12	14.05	240	699745	20.00	ng	0.00
86) Perylene-d12	15.48	264	497870	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1141010	63.67	ng	0.00
7) Phenol-d6	6.51	99	904185	40.34	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1792367	88.52	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	532542	128.03	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2619835	93.32	ng	0.00
78) Terphenyl-d14	13.00	244	1942668	69.81	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	251683	17.55	ng	Qvalue # 82
22) Acetophenone	7.30	105	6735	Below Cal		95
31) Naphthalene	8.20	128	231127	4.43	ng	97
49) Dimethylphthalate	9.65	163	97657	2.59	ng	100
50) 2,6-Dinitrotoluene	9.93	165	67205	8.06	ng	# 32
56) 2,4-Dinitrotoluene	9.93	165	67205	6.30	ng	# 31
57) Fluorene	10.48	166	6932	Below Cal		# 92
66) 4-Bromophenyl-phenylether	10.72	248	34282	4.05	ng	# 1
71) Anthracene	11.44	178	24060	Below Cal		99
74) Fluoranthene	12.61	202	11807	Below Cal		92

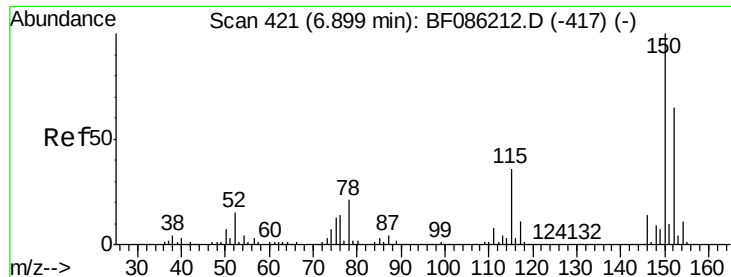
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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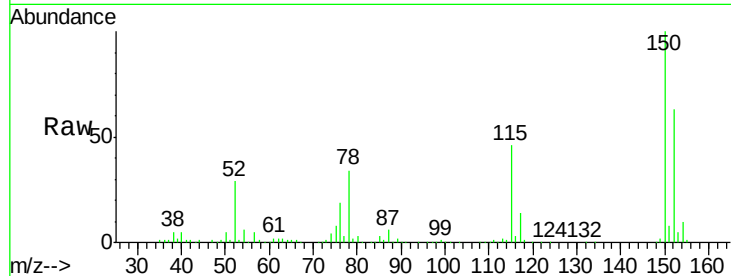


#1

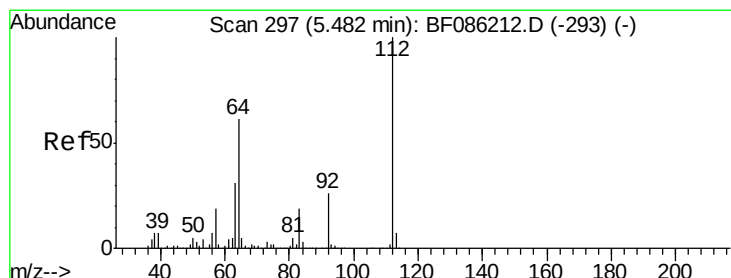
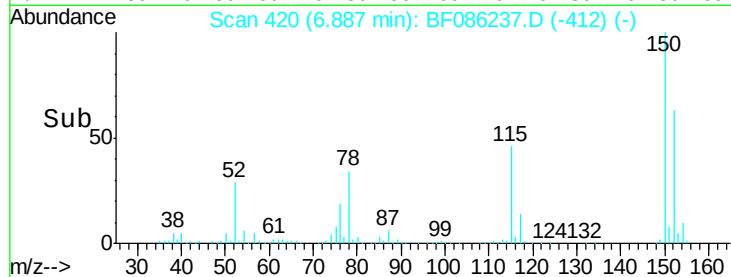
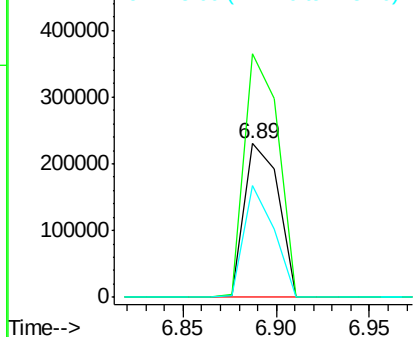
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF086237.D
Acq: 16 Apr 2016 1:51

Instrument :
BNA_F
ClientSampleId :
GW-03-4-7-16

Tgt Ion:152 Resp: 293606
Ion Ratio Lower Upper
152 100
150 158.1 124.1 186.1
115 72.7 43.9 65.9#



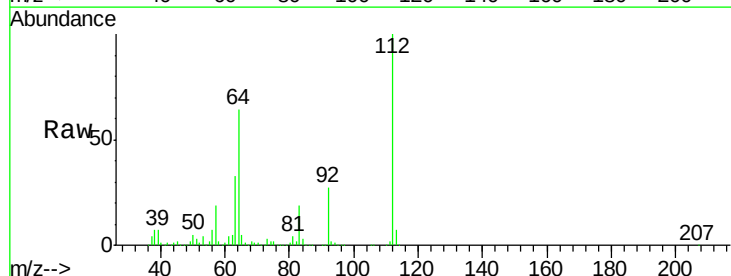
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



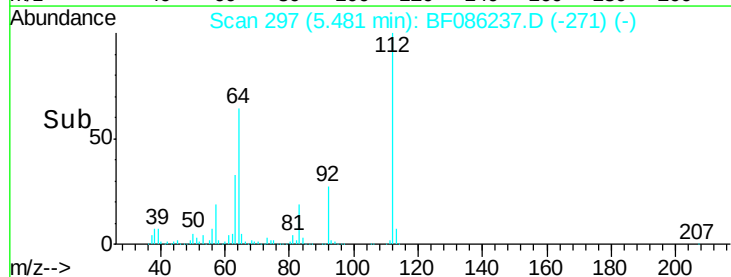
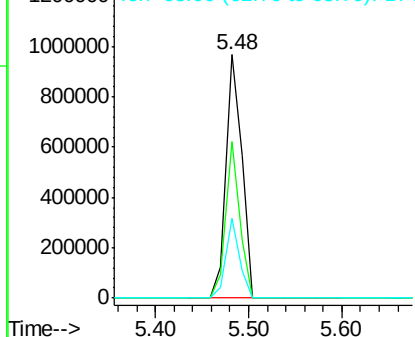
#5

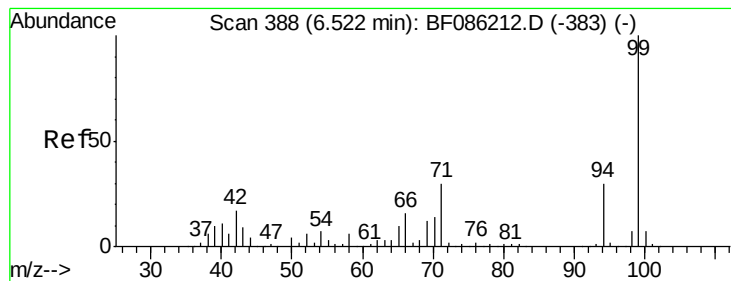
2-Fluorophenol
Concen: 63.67 ng
RT: 5.48 min Scan# 297
Delta R.T. 0.00 min
Lab File: BF086237.D
Acq: 16 Apr 2016 1:51

Tgt Ion:112 Resp: 1141010
Ion Ratio Lower Upper
112 100
64 64.4 48.1 72.1
63 32.6 25.5 38.3



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: 40.34 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086237.D

Acq: 16 Apr 2016 1:51

Instrument :

BNA_F

ClientSampleId :

GW-03-4-7-16

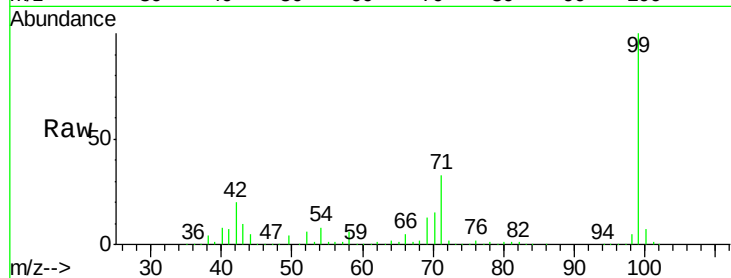
Tgt Ion: 99 Resp: 904185

Ion Ratio Lower Upper

99 100

42 19.6 15.4 23.2

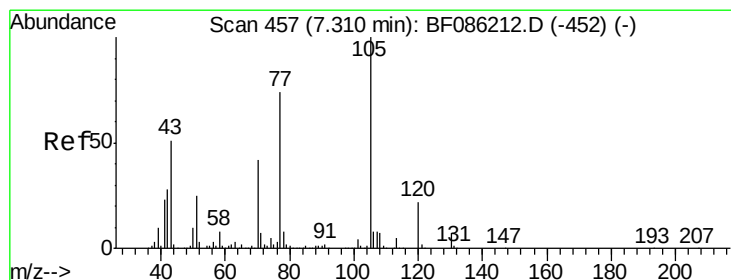
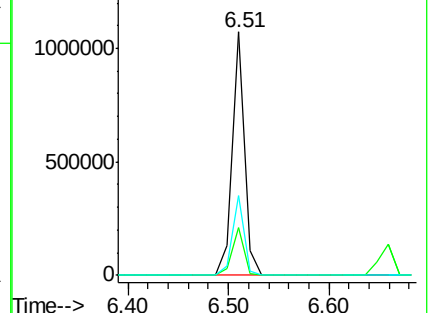
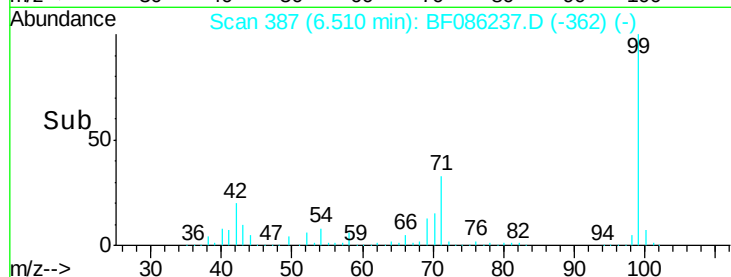
71 32.8 25.6 38.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.55 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.15 min

Lab File: BF086237.D

Acq: 16 Apr 2016 1:51

Tgt Ion: 70 Resp: 251683

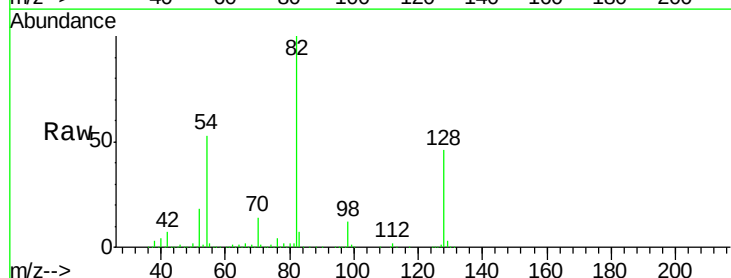
Ion Ratio Lower Upper

70 100

42 50.8 43.0 64.4

101 0.0 8.1 12.1#

130 2.1 20.1 30.1#

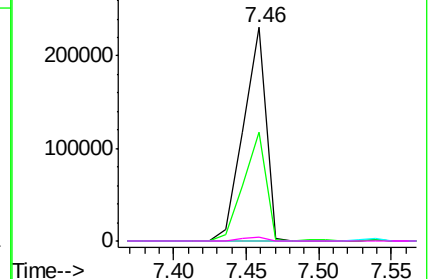
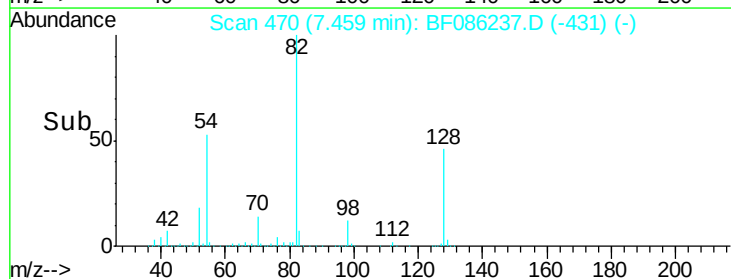


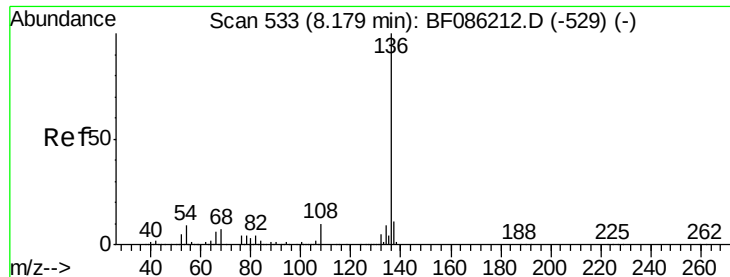
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

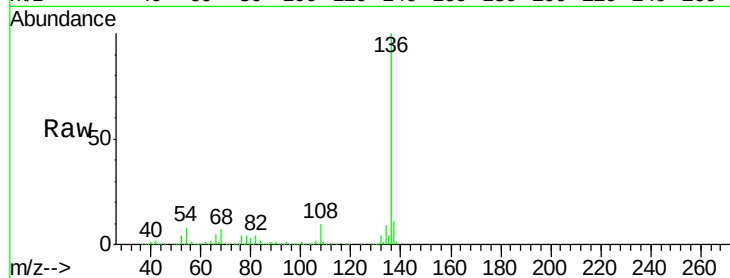




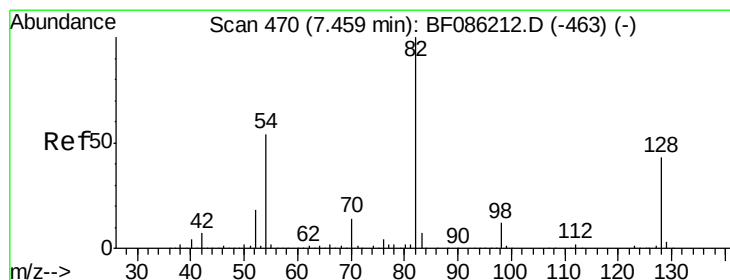
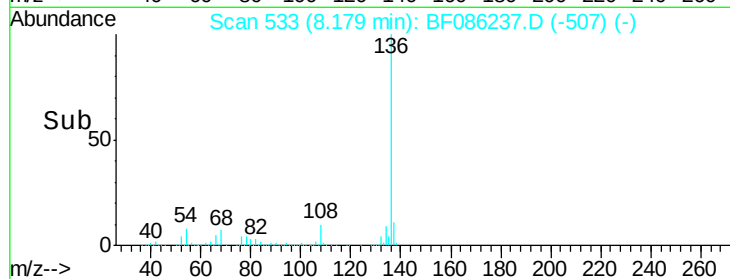
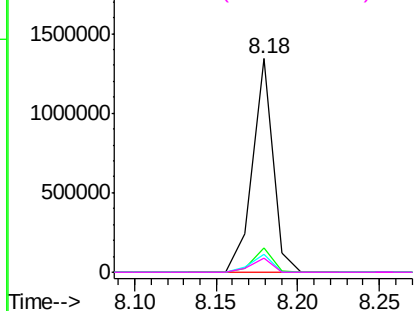
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF086237.D
Acq: 16 Apr 2016 1:51

Instrument :
BNA_F
ClientSampleId :
GW-03-4-7-16

Tgt Ion:	136	Resp:	1167882
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.2	7.3	10.9
68	6.7	5.7	8.5

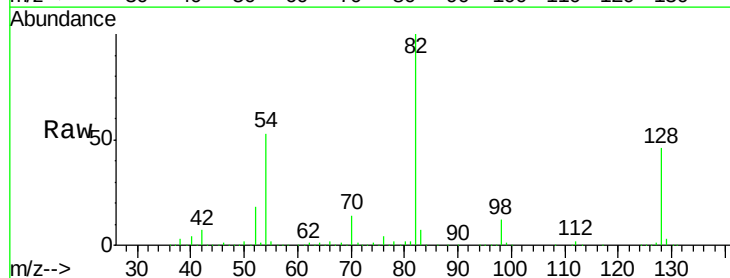


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

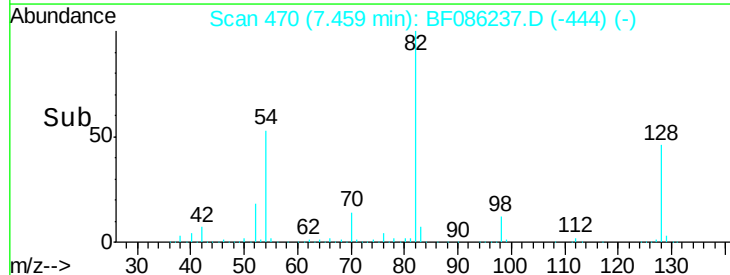
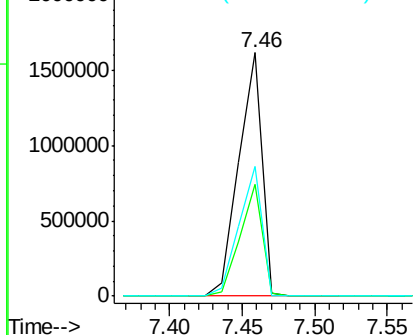


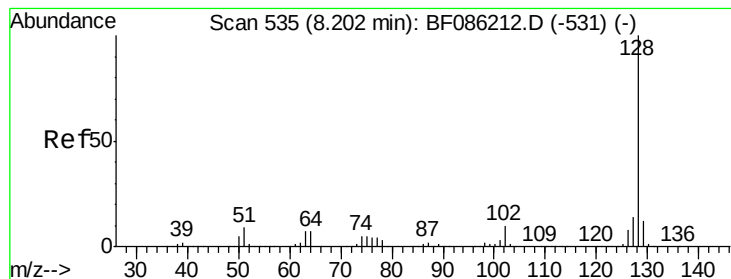
#23
Nitrobenzene-d5
Concen: 88.52 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF086237.D
Acq: 16 Apr 2016 1:51

Tgt Ion:	82	Resp:	1792367
Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.4	53.2
54	53.4	43.4	65.0



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





#31

Naphthalene

Concen: 4.43 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF086237.D

Acq: 16 Apr 2016 1:51

Instrument :

BNA_F

ClientSampleId :

GW-03-4-7-16

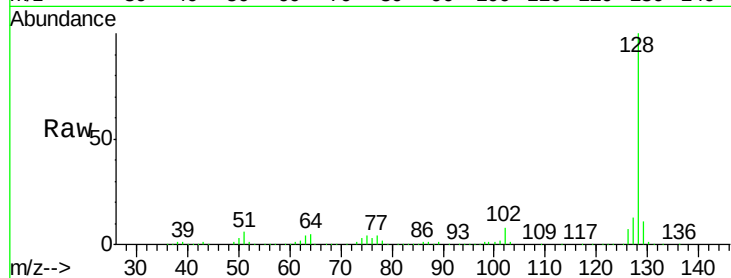
Tgt Ion:128 Resp: 231127

Ion Ratio Lower Upper

128 100

129 11.0 9.6 14.4

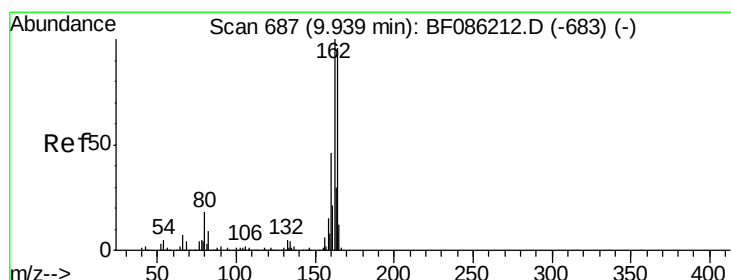
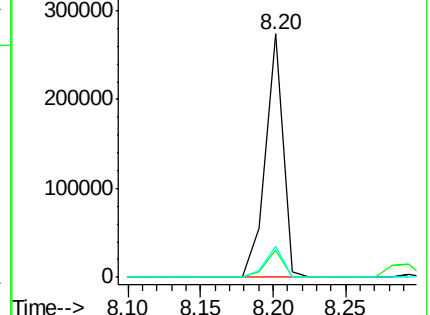
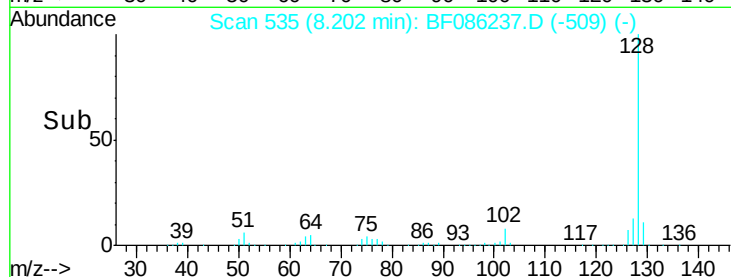
127 13.0 11.4 17.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF086237.D

Acq: 16 Apr 2016 1:51

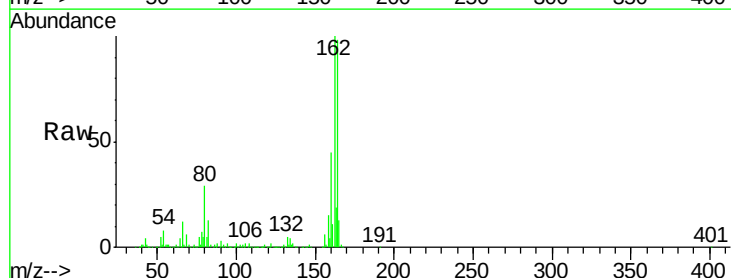
Tgt Ion:164 Resp: 518018

Ion Ratio Lower Upper

164 100

162 101.7 82.8 124.2

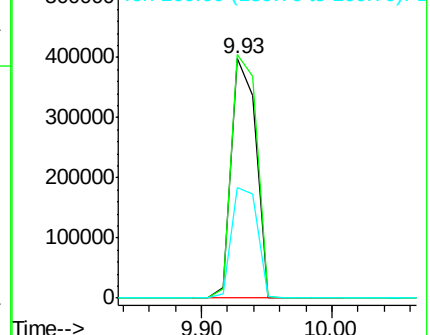
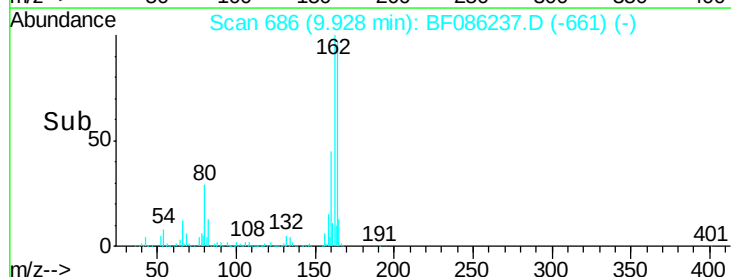
160 46.2 38.9 58.3

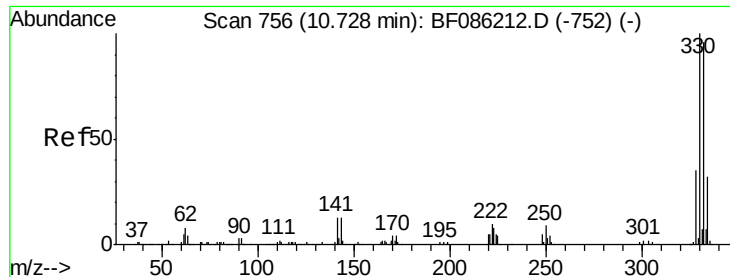


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

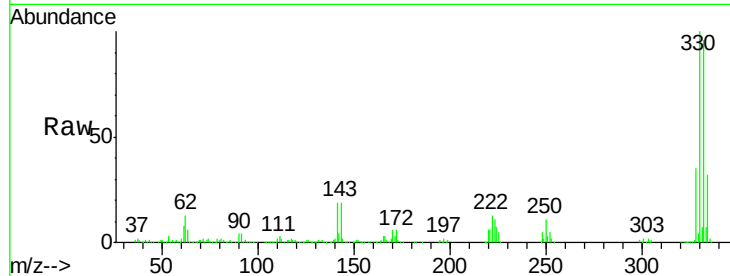




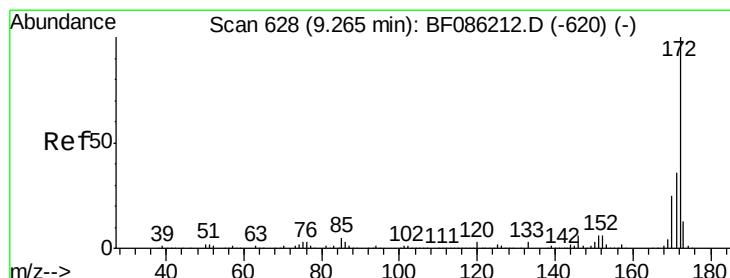
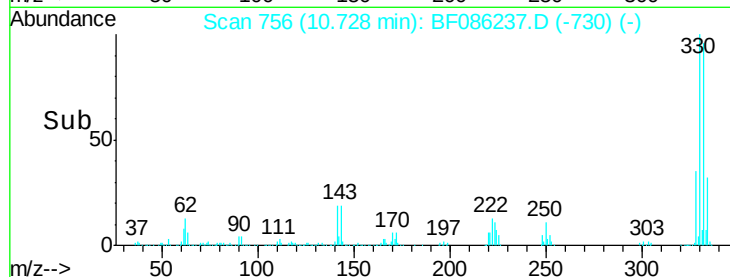
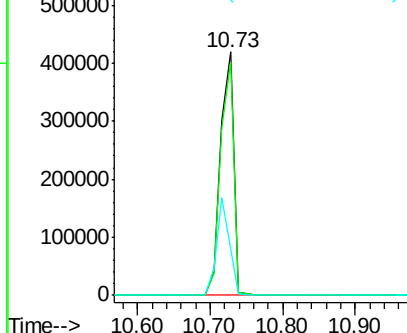
#41
 2,4,6-Tribromophenol
 Concen: 128.03 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF086237.D
 Acq: 16 Apr 2016 1:51

Instrument :
 BNA_F
 ClientSampled :
 GW-03-4-7-16

Tgt Ion:330 Resp: 532542
 Ion Ratio Lower Upper
 330 100
 332 95.7 78.7 118.1
 141 38.6 28.6 42.8

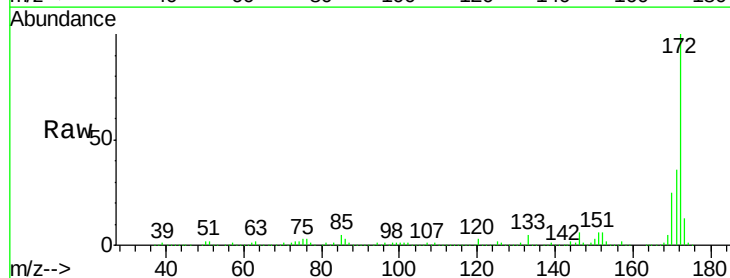


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

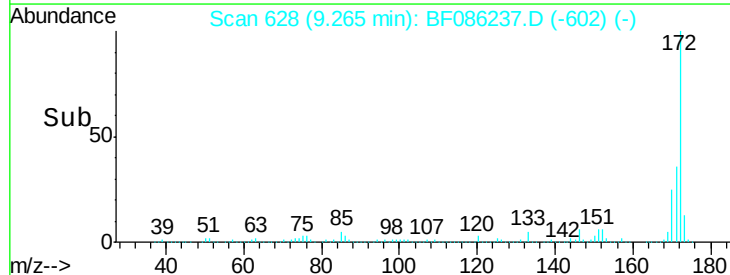
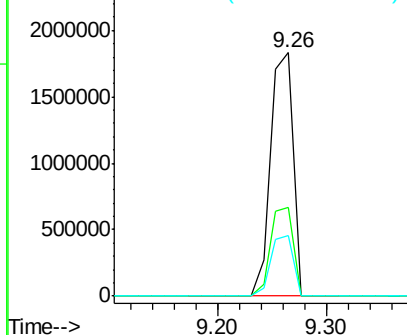


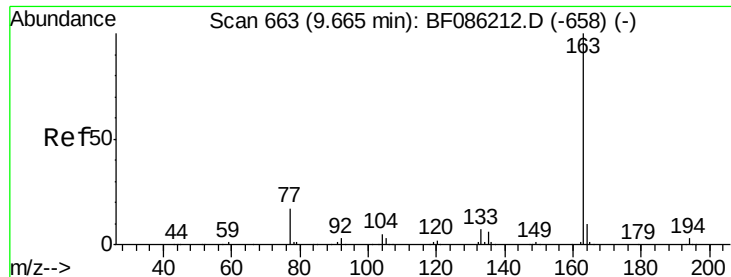
#44
 2-Fluorobiphenyl
 Concen: 93.32 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF086237.D
 Acq: 16 Apr 2016 1:51

Tgt Ion:172 Resp: 2619835
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.1 43.7
 170 24.9 19.9 29.9



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

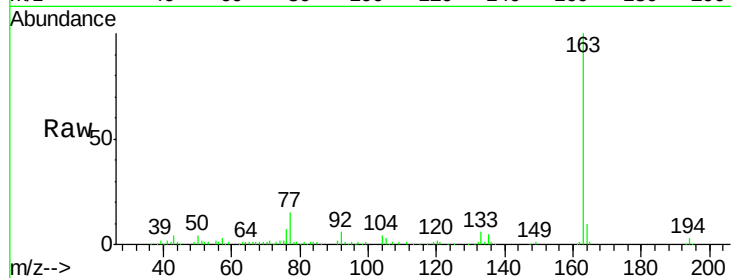




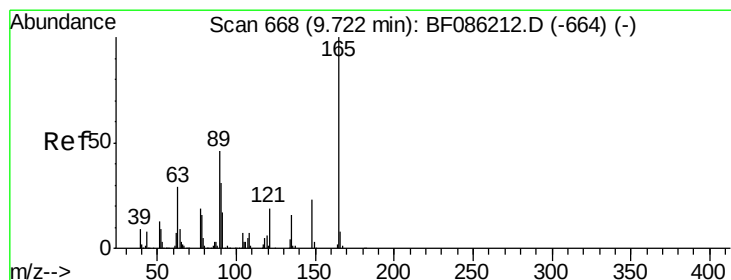
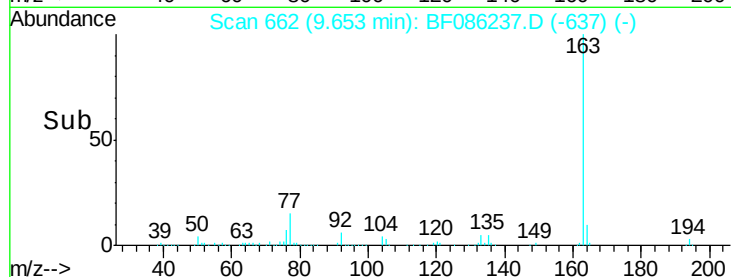
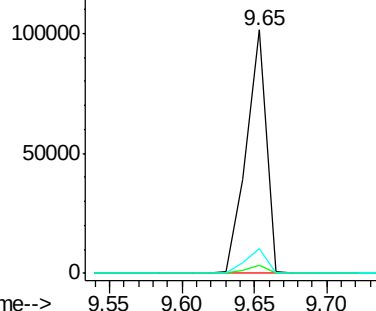
#49
Dimethylphthalate
Concen: 2.59 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF086237.D
Acq: 16 Apr 2016 1:51

Instrument :
BNA_F
ClientSampleId :
GW-03-4-7-16

Tgt Ion:163 Resp: 97657
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.3 8.4 12.6

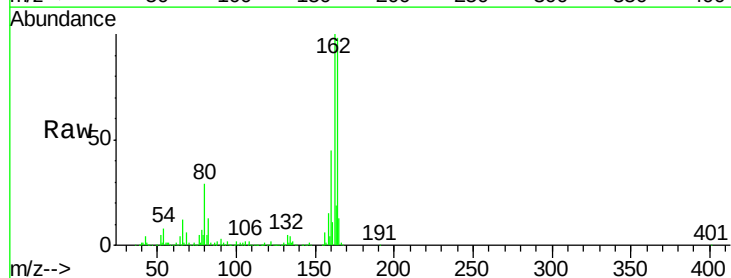


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

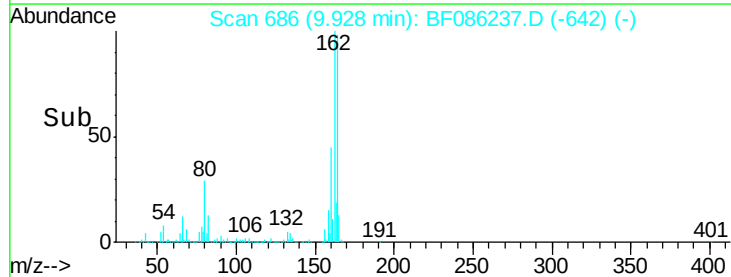
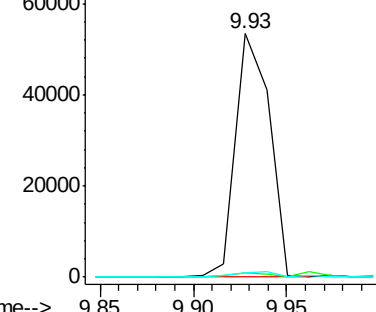


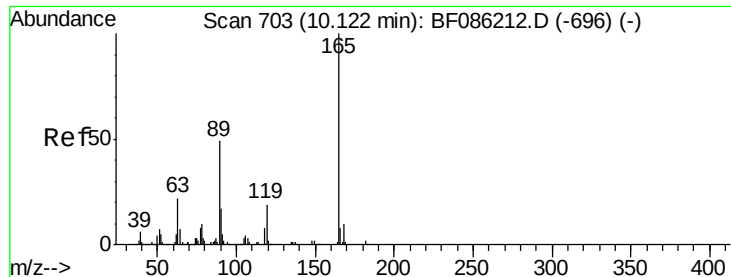
#50
2,6-Dinitrotoluene
Concen: 8.06 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.21 min
Lab File: BF086237.D
Acq: 16 Apr 2016 1:51

Tgt Ion:165 Resp: 67205
Ion Ratio Lower Upper
165 100
63 1.8 35.1 52.7#
89 1.5 39.8 59.6#



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

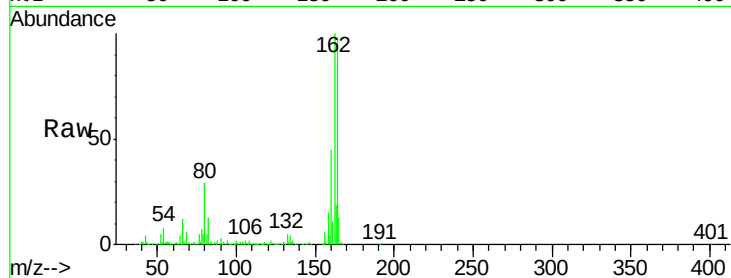




#56
2,4-Dinitrotoluene
Concen: 6.30 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.19 min
Lab File: BF086237.D
Acq: 16 Apr 2016 1:51

Instrument :
BNA_F
ClientSampleId :
GW-03-4-7-16

Tgt Ion:	165	Resp:	67205
Ion Ratio	Lower	Upper	
165	100		
63	1.8	26.6	40.0#
89	1.5	49.5	74.3#
182	0.0	1.9	2.9#

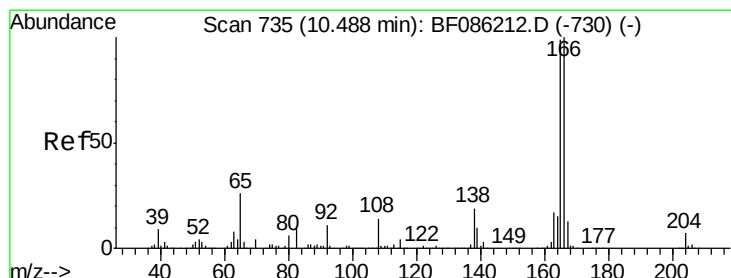
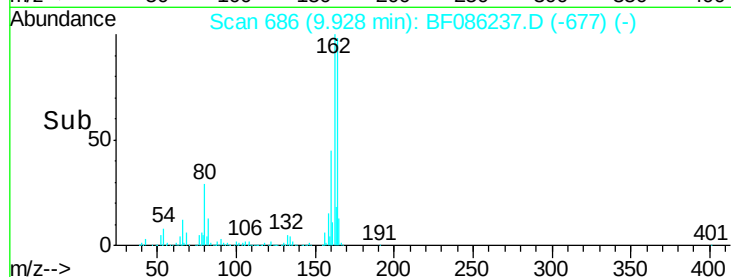
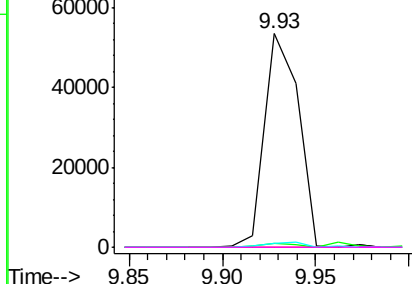


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

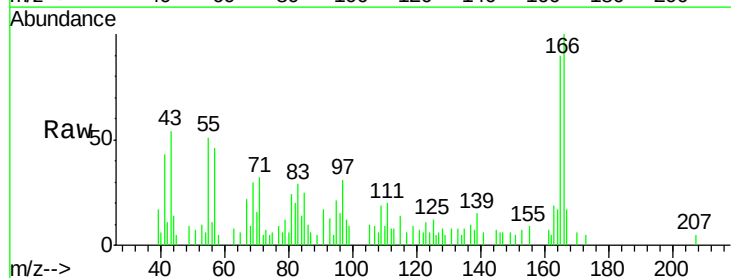
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: Below Cal
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF086237.D
Acq: 16 Apr 2016 1:51

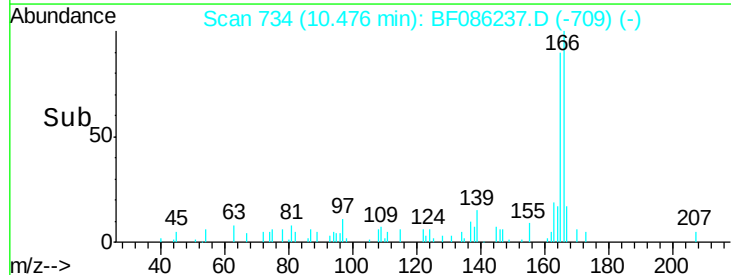
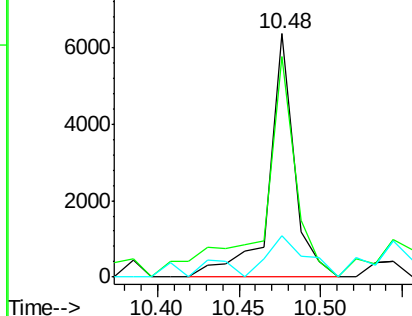
Tgt Ion:	166	Resp:	6932
Ion Ratio	Lower	Upper	
166	100		
165	90.3	78.6	117.8
167	16.9	10.4	15.6#

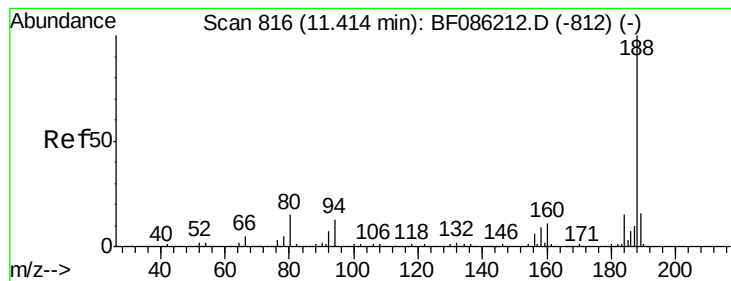


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF086237.D

Acq: 16 Apr 2016 1:51

Instrument :

BNA_F

ClientSampleId :

GW-03-4-7-16

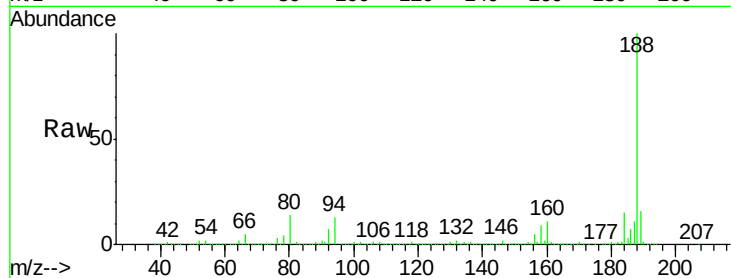
Tgt Ion:188 Resp: 908395

Ion Ratio Lower Upper

188 100

94 12.8 9.8 14.8

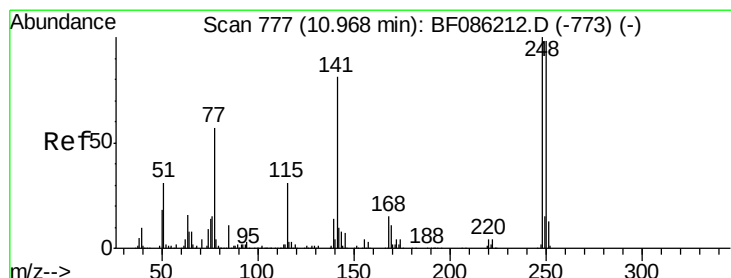
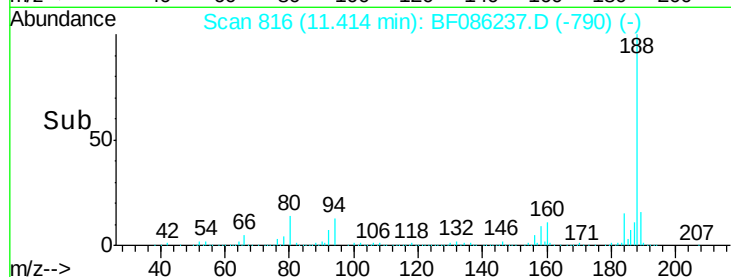
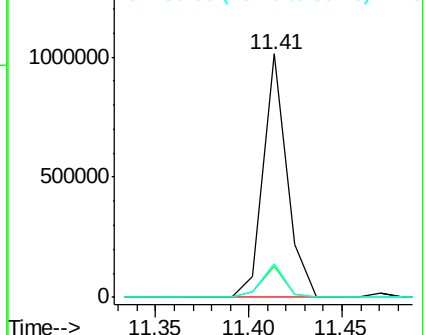
80 13.9 10.5 15.7



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: 4.05 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.25 min

Lab File: BF086237.D

Acq: 16 Apr 2016 1:51

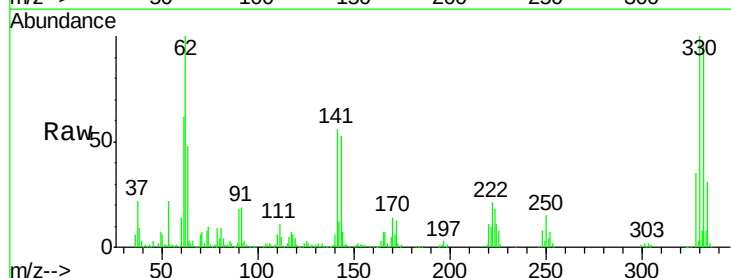
Tgt Ion:248 Resp: 34282

Ion Ratio Lower Upper

248 100

250 192.5 78.6 118.0#

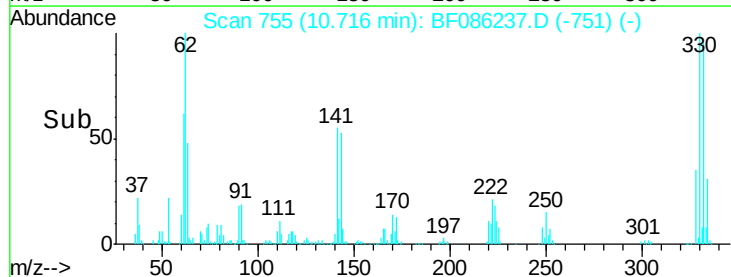
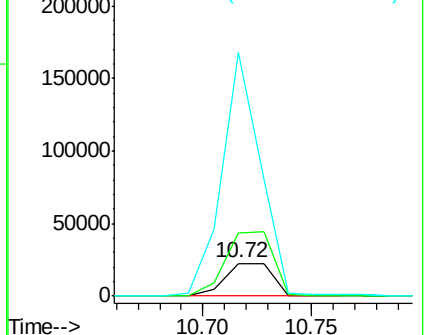
141 736.6 57.9 86.9#

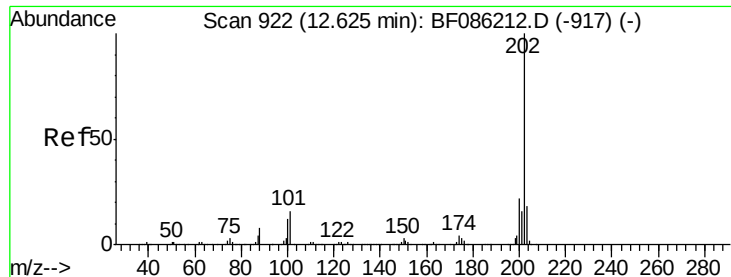


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#74

Fluoranthene

Concen: Below Cal

RT: 12.61 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF086237.D

Acq: 16 Apr 2016 1:51

Instrument :

BNA_F

ClientSampleId :

GW-03-4-7-16

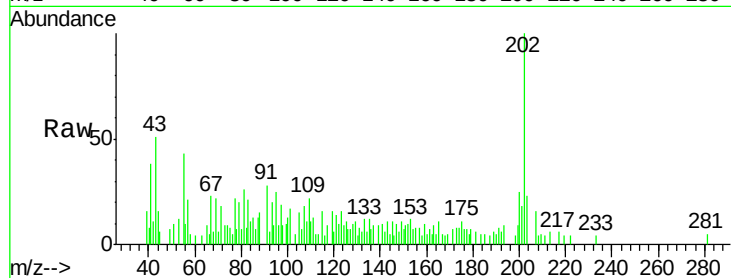
Tgt Ion:202 Resp: 11807

Ion Ratio Lower Upper

202 100

101 17.5 0.0 35.2

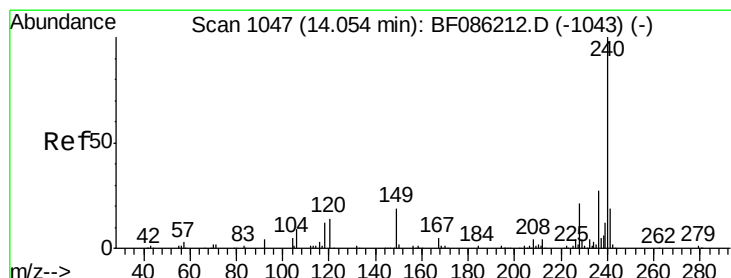
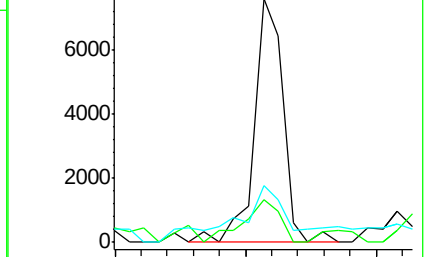
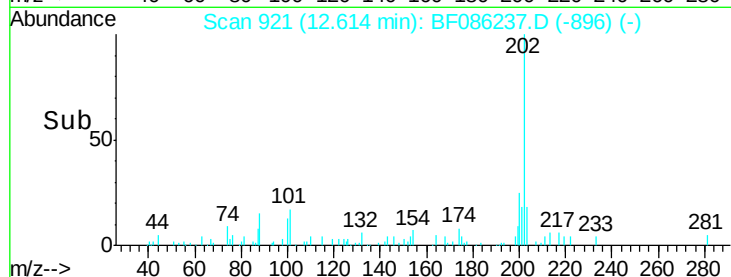
203 23.1 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF086237.D

Acq: 16 Apr 2016 1:51

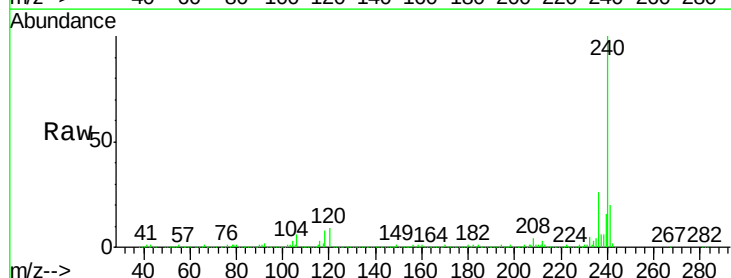
Tgt Ion:240 Resp: 699745

Ion Ratio Lower Upper

240 100

120 8.7 9.3 13.9#

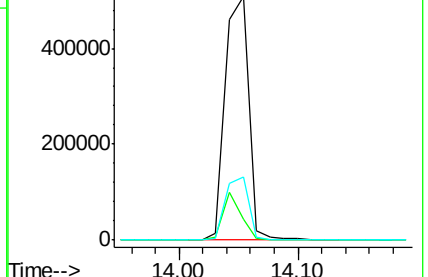
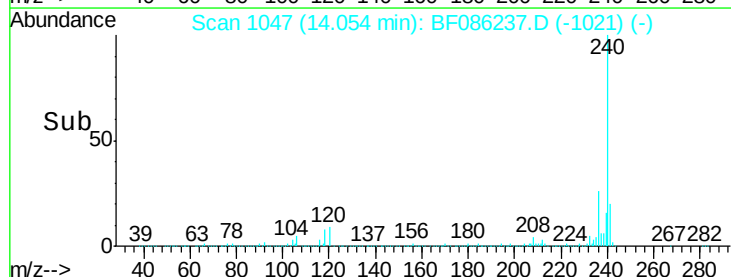
236 26.2 21.1 31.7

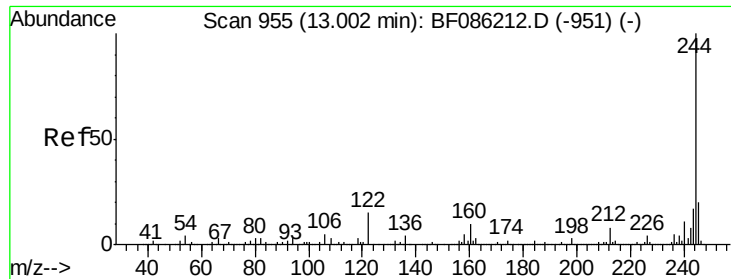


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

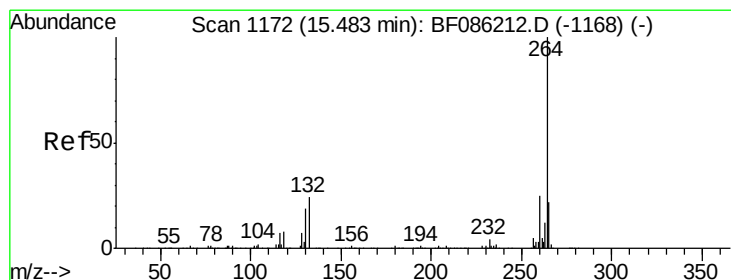
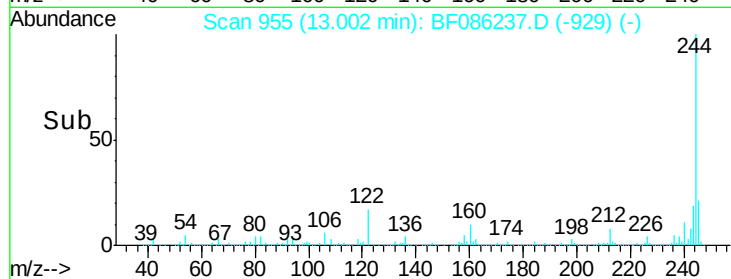
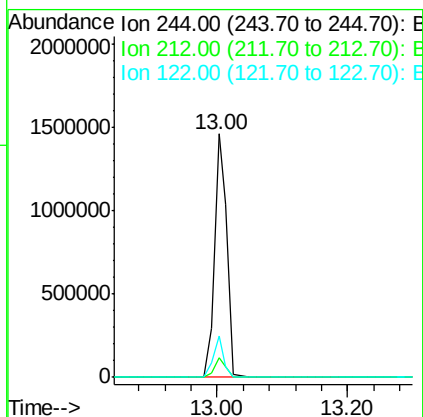
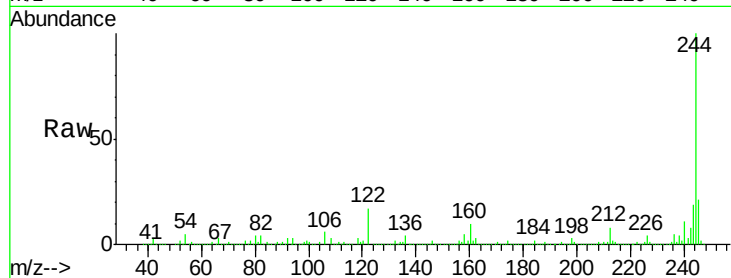




#78
 Terphenyl-d14
 Concen: 69.81 ng
 RT: 13.00 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF086237.D
 Acq: 16 Apr 2016 1:51

Instrument :
 BNA_F
 ClientSampleId :
 GW-03-4-7-16

Tgt Ion:244 Resp: 1942668
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.4 9.6
 122 16.9 11.7 17.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF086237.D
 Acq: 16 Apr 2016 1:51

Tgt Ion:264 Resp: 497870
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.0 30.0
 265 21.2 17.4 26.0

