

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 04:02:10 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

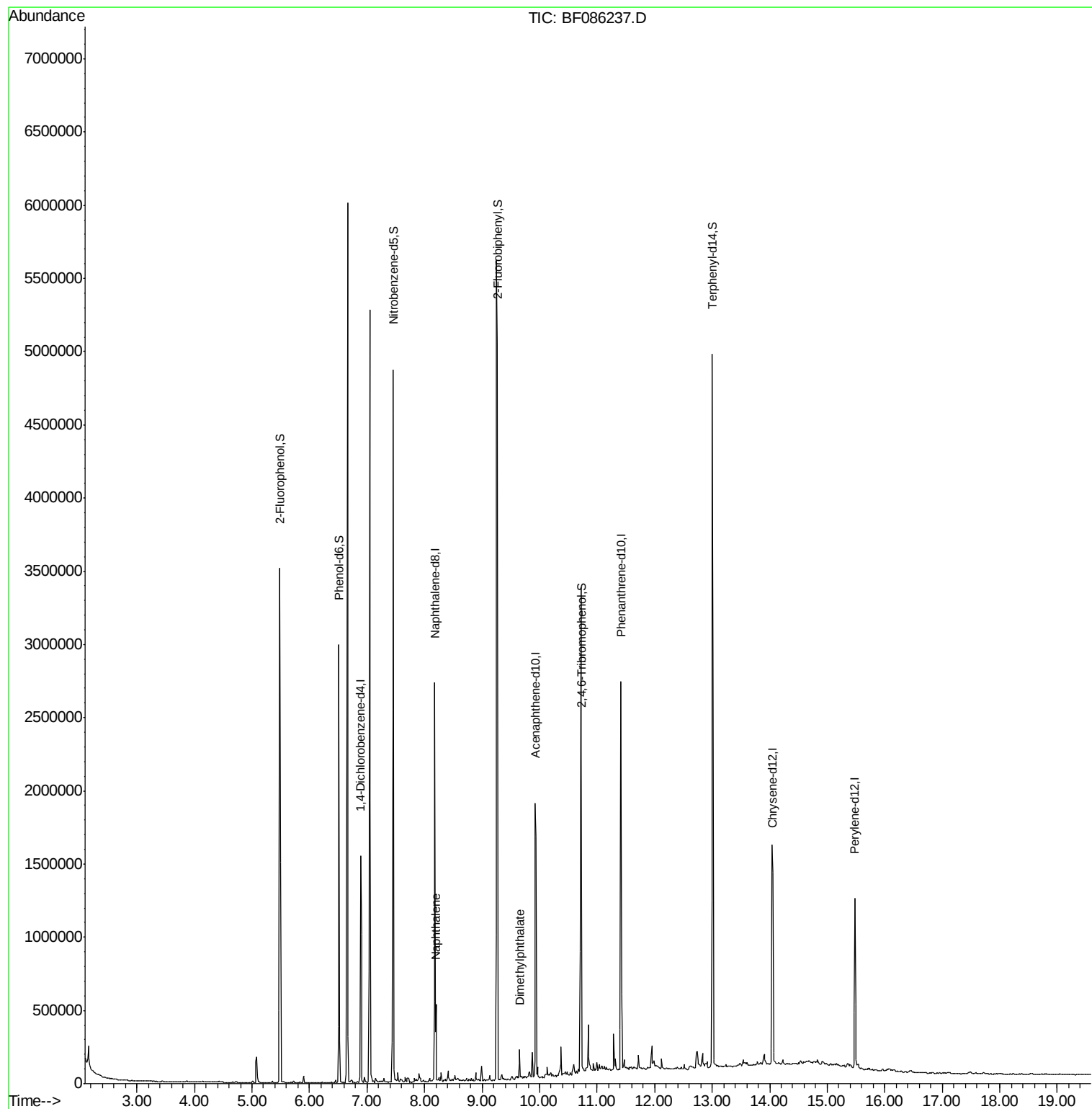
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	293606	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1167882	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	518018	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	908395	20.00	ng	0.00
75) Chrysene-d12	14.05	240	699745	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						
31) Naphthalene	8.20	128	231127	4.43	ng	97
49) Dimethylphthalate	9.65	163	97657	2.59	ng	100

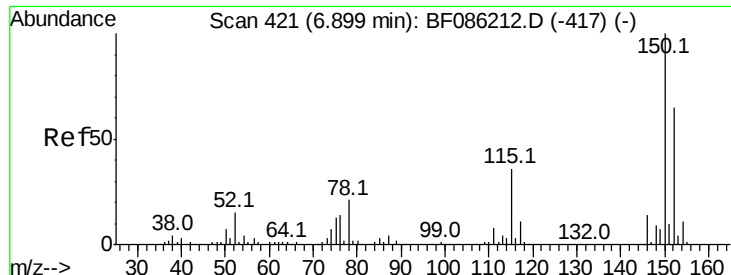
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 04:02:10 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





#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

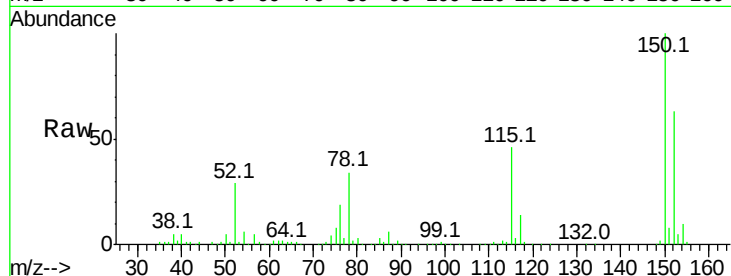
Tot Ion:152 Resp: 293606

Ion Ratio Lower Upper

152 100

150 158.1 124.1 186.1

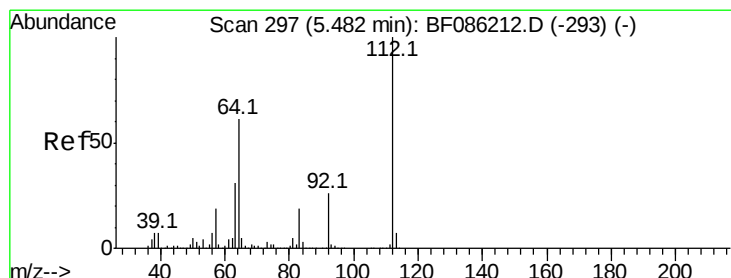
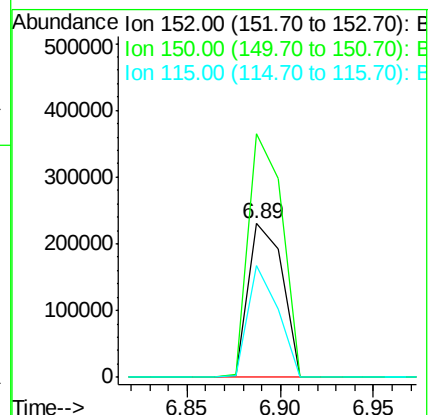
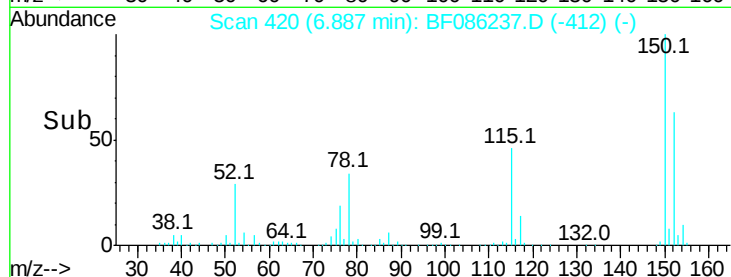
115 72.7 43.9 65.9#



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

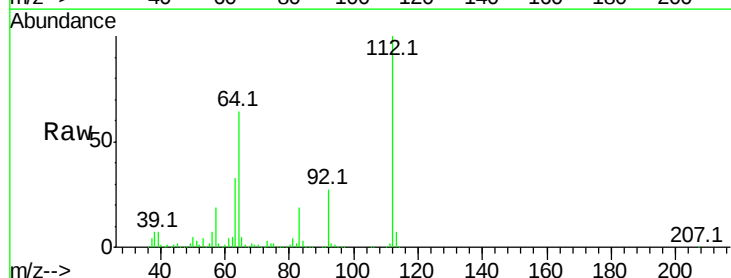
Tgt Ion:112 Resp: 1141010

Ion Ratio Lower Upper

112 100

64 64.4 48.1 72.1

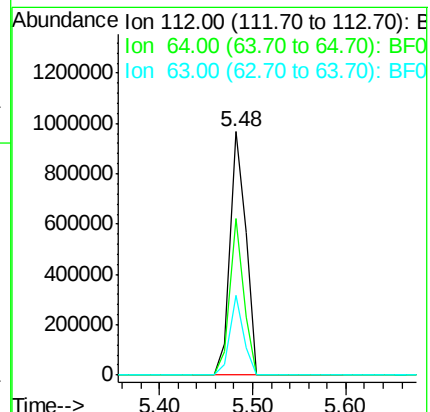
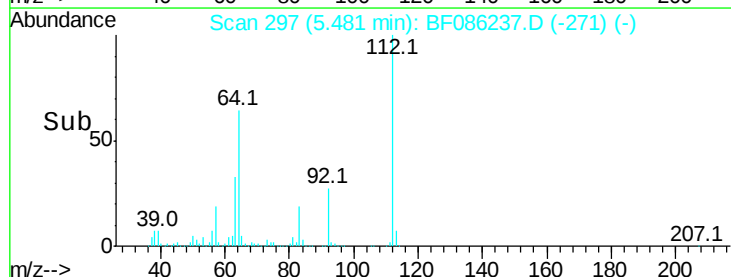
63 32.6 25.5 38.3

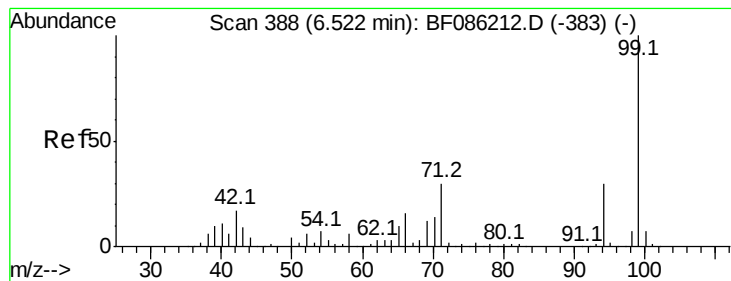


Abundance Ion 112.00 (111.70 to 112.70): E

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

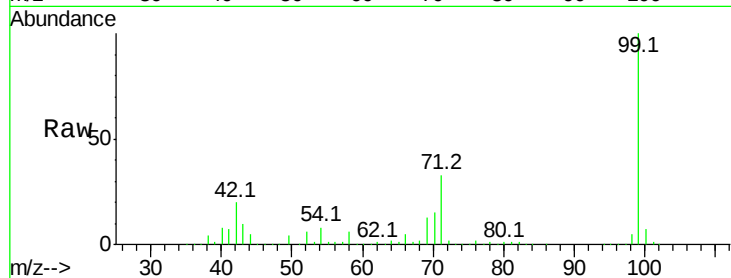
Tot Ion: 99 Resp: 904185

Ion Ratio Lower Upper

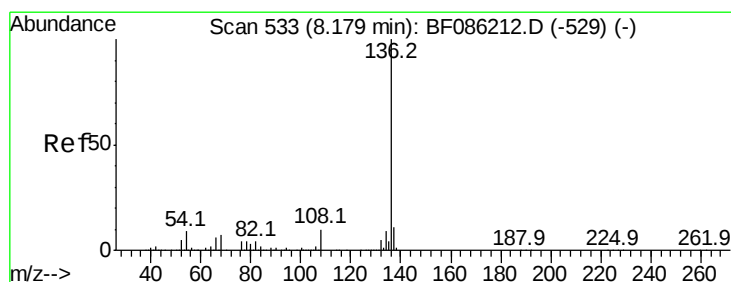
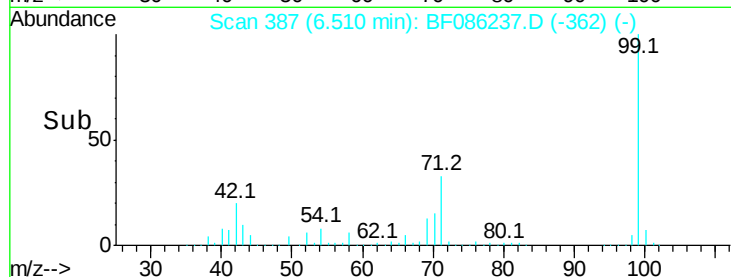
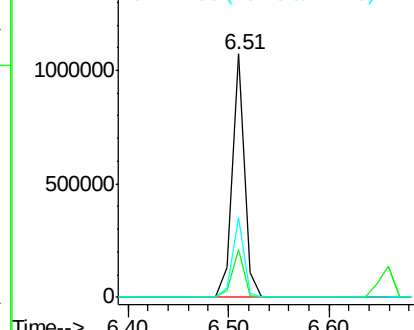
99 100

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



#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

Tgt Ion:136 Resp: 1167882

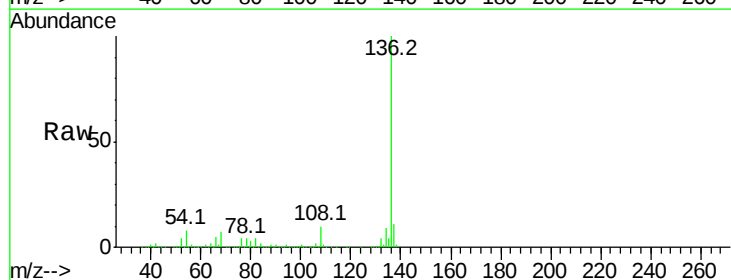
Ion Ratio Lower Upper

136 100

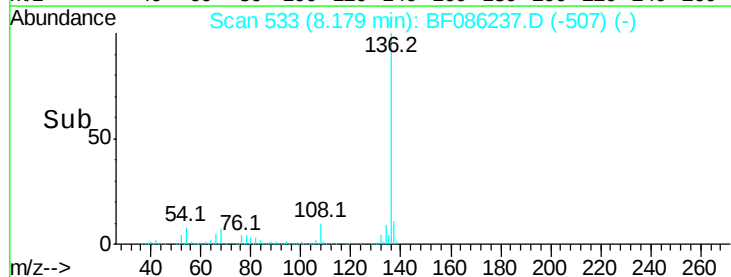
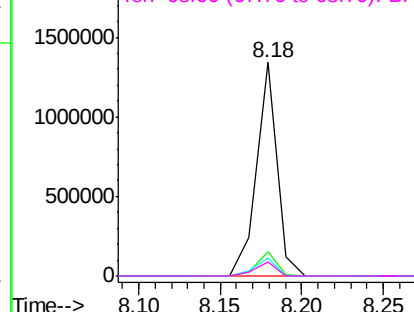
137 11.3 9.1 13.7

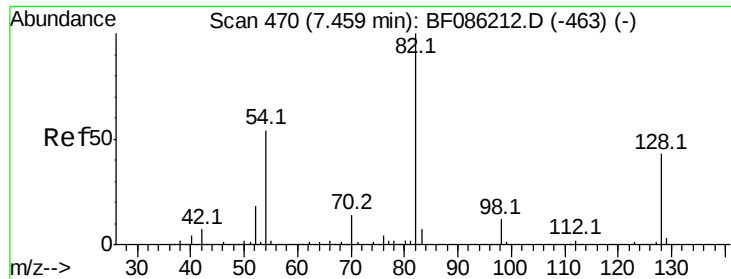
54 8.2 7.3 10.9

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



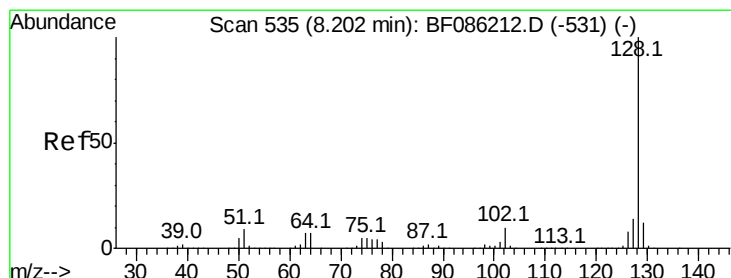
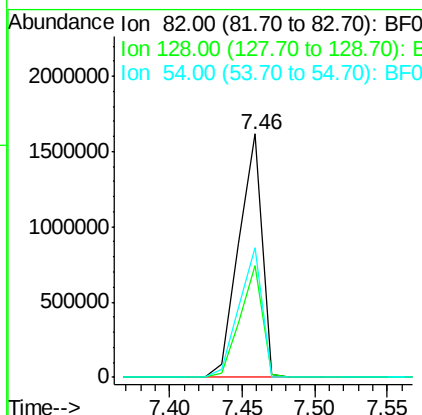
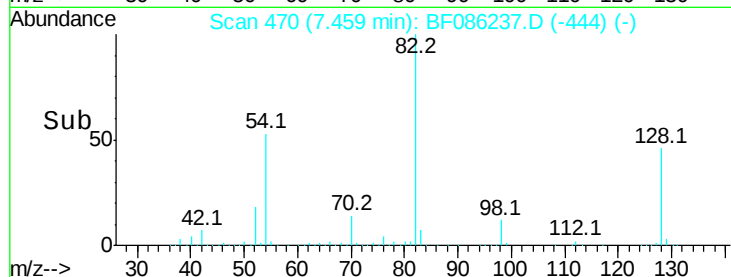
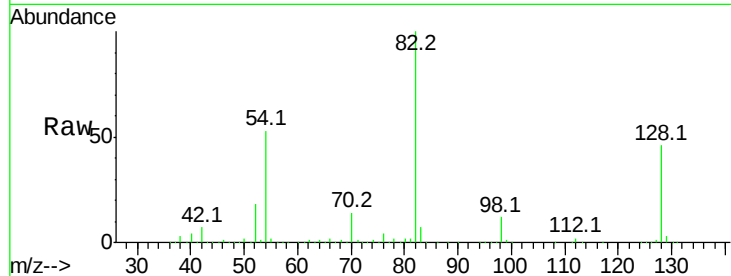


#23
 Nitrobenzene-d5
 Concen: 88.52 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF086237.D
 Acq: 16 Apr 2016 1:51

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

Tot Ion: 82 Resp: 1792367

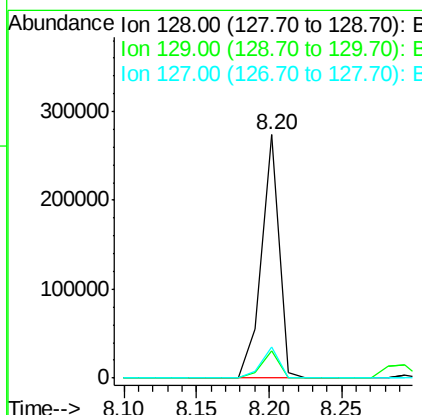
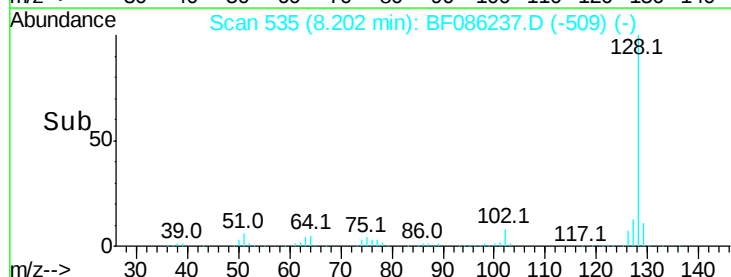
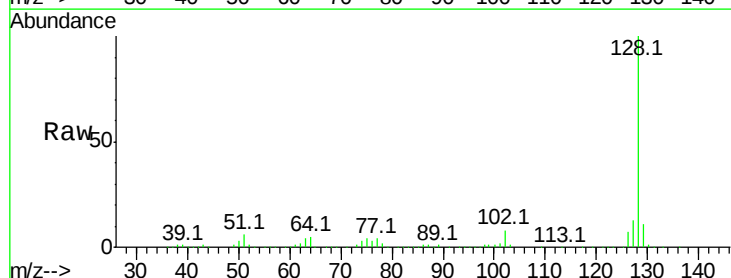
Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.4	53.2
54	53.4	43.4	65.0

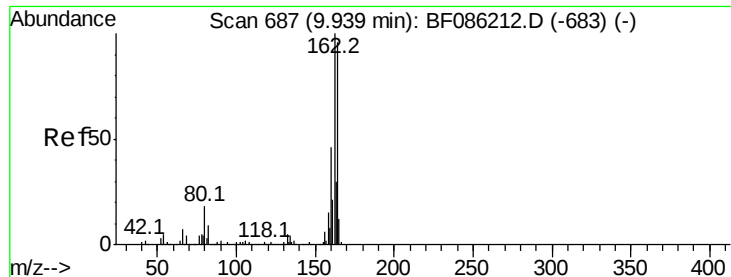


#31
 Naphthalene
 Concen: 4.43 ng
 RT: 8.20 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF086237.D
 Acq: 16 Apr 2016 1:51

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





#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

Instrument :

BNA_F

ClientSampleId :

GW-03-4-7-16

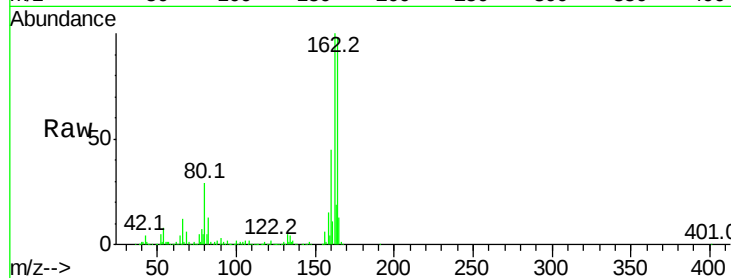
Tot Ion:164 Resp: 518018

Ion Ratio Lower Upper

164 100

162 101.7 82.8 124.2

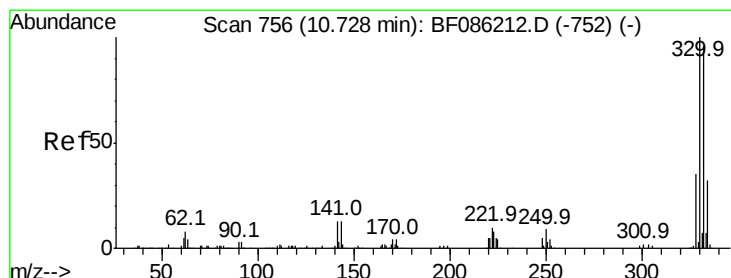
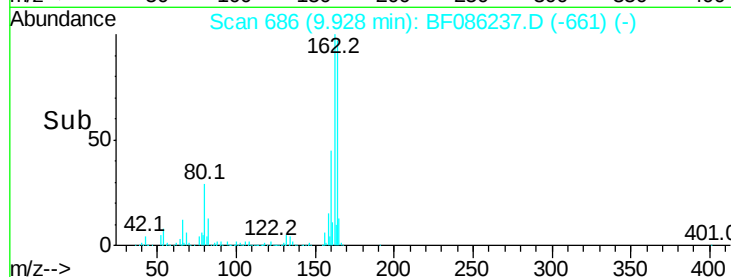
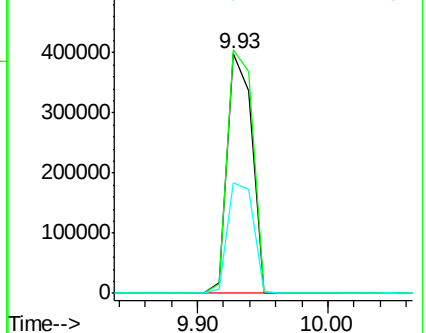
160 46.2 38.9 58.3



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

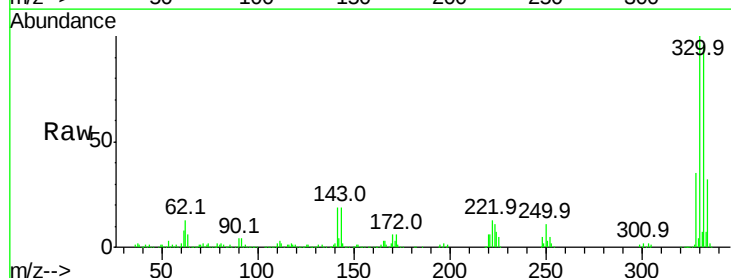
Tgt Ion:330 Resp: 532542

Ion Ratio Lower Upper

330 100

332 95.7 78.7 118.1

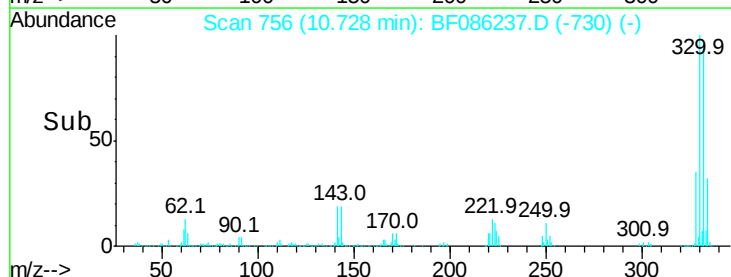
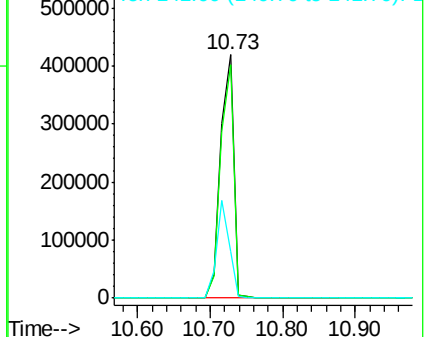
141 38.6 28.6 42.8

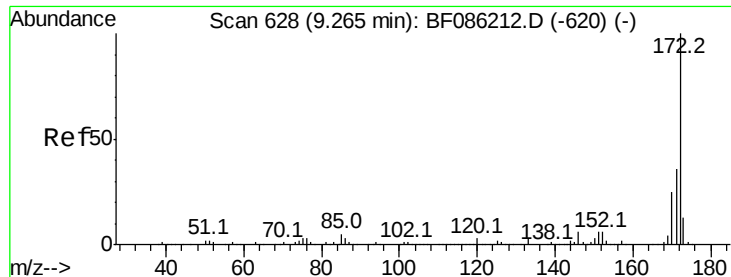


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

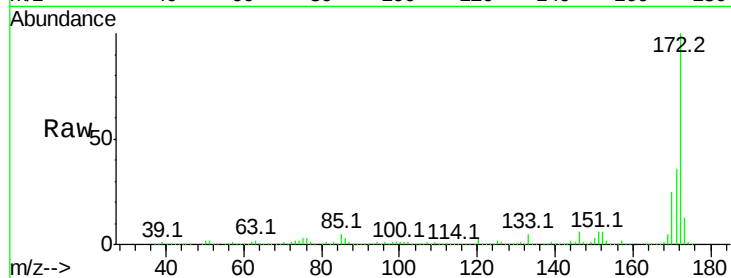




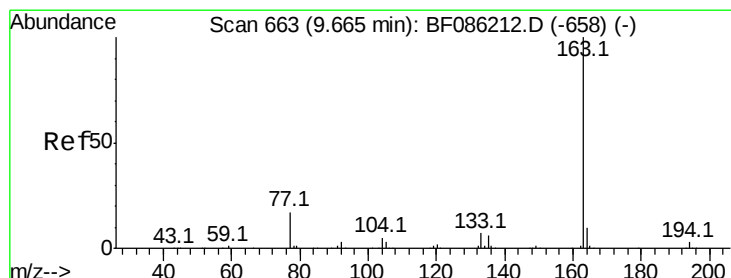
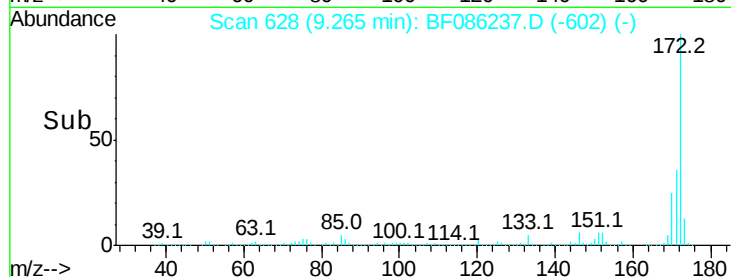
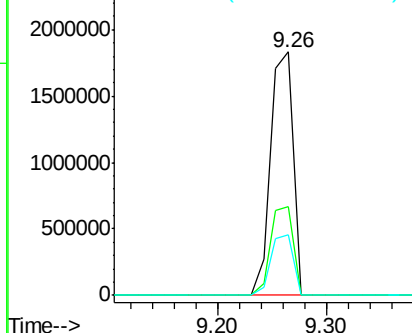
#44
2-Fluorobiphenyl
Concen: 93.32 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF086237.D
Acq: 16 Apr 2016 1:51

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

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

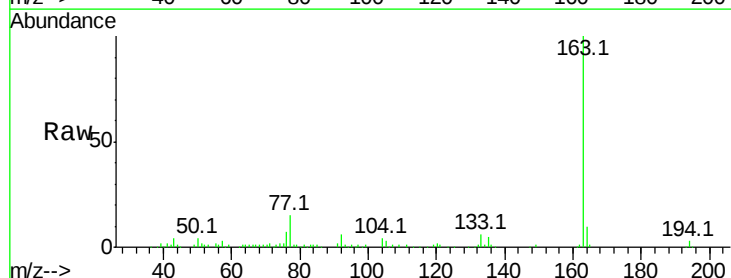


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

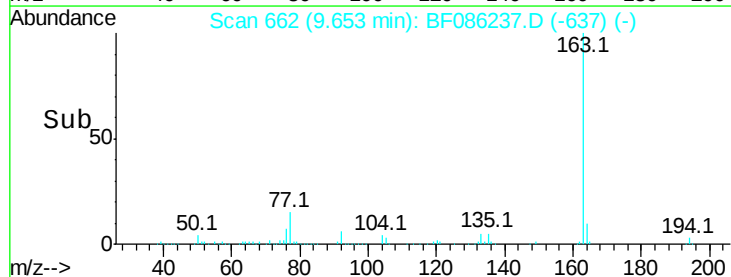
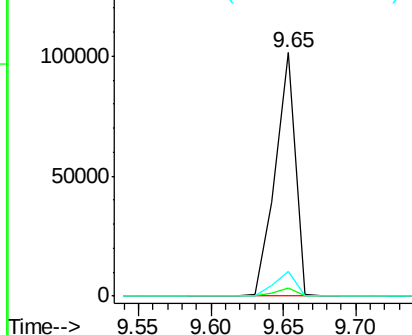


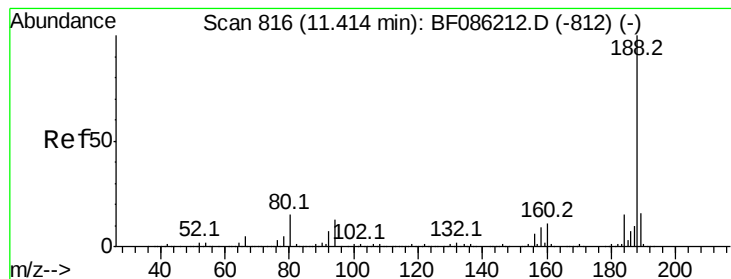
#49
Dimethylphthalate
Concen: 2.59 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF086237.D
Acq: 16 Apr 2016 1:51

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





#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

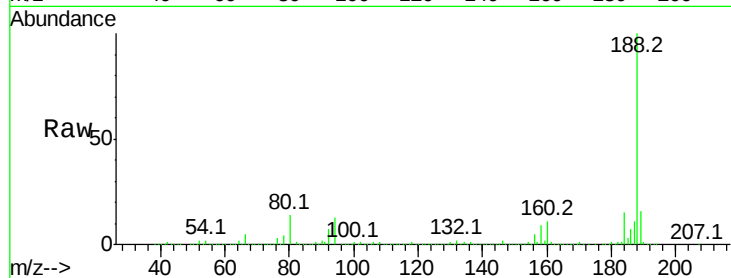
Tot Ion:188 Resp: 908395

Ion Ratio Lower Upper

188 100

94 12.8 9.8 14.8

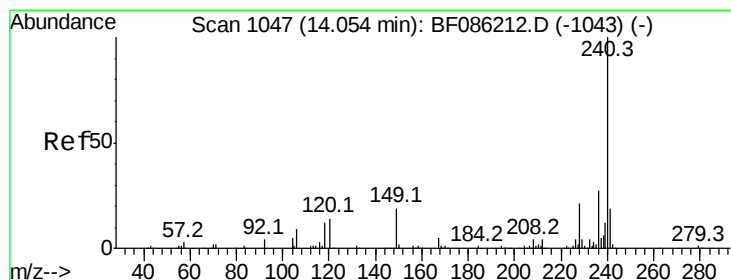
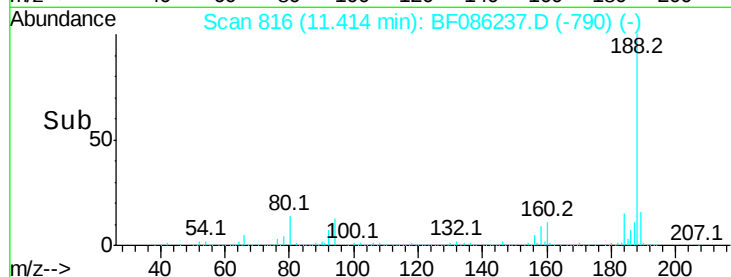
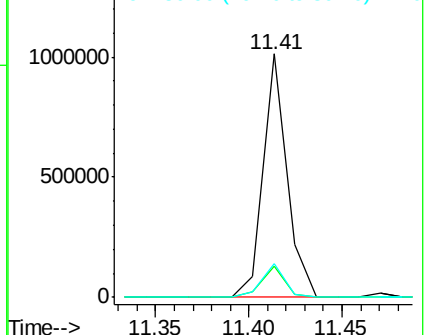
80 13.9 10.5 15.7



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



#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

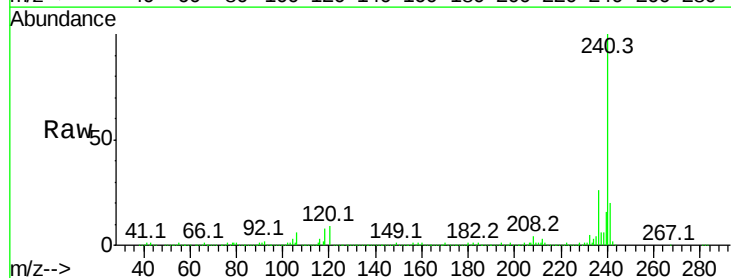
Tgt Ion:240 Resp: 699745

Ion Ratio Lower Upper

240 100

120 8.7 9.3 13.9#

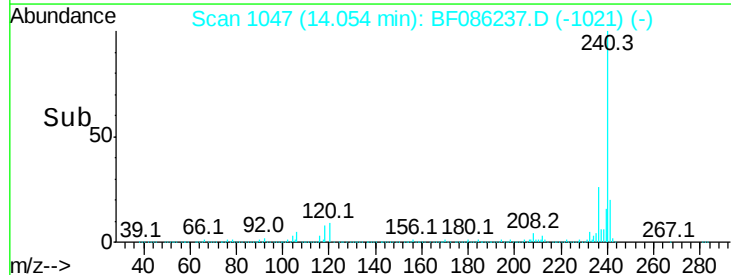
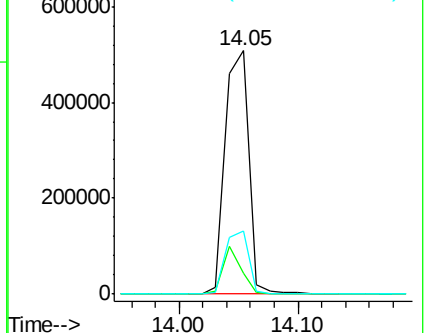
236 26.2 21.1 31.7

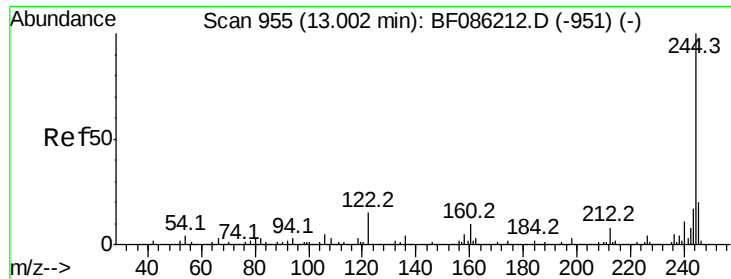


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

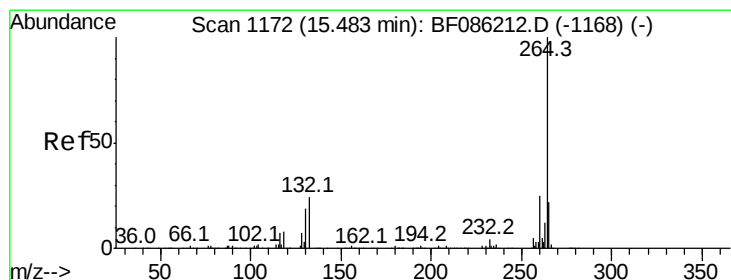
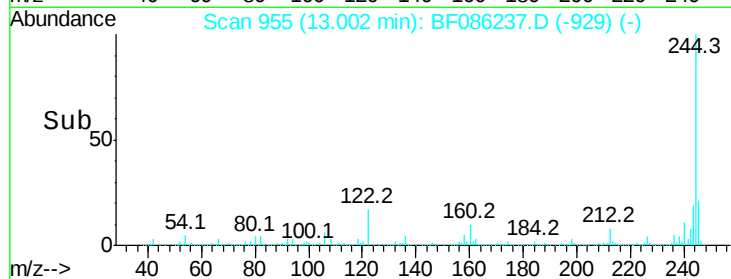
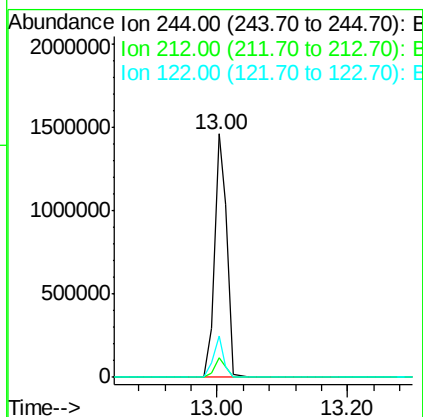
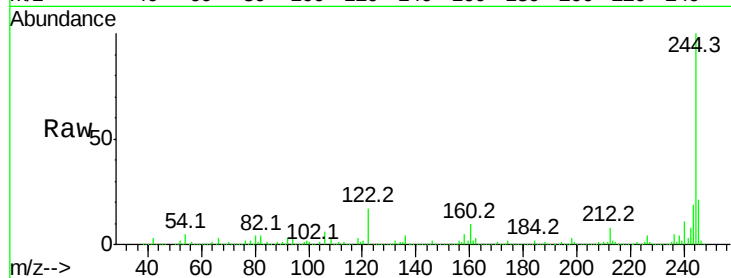




#78
 Terphenyl-d14
 Concen: 69.81 ng
 RT: 13.00 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF086237.D
 Acq: 16 Apr 2016 1:51

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

Tot 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

