

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
 Data File : BG022709.D
 Acq On : 30 Jun 2016 1:19
 Operator : UM/SJ
 Sample : H3828-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0580

Quant Time: Jun 30 05:06:21 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

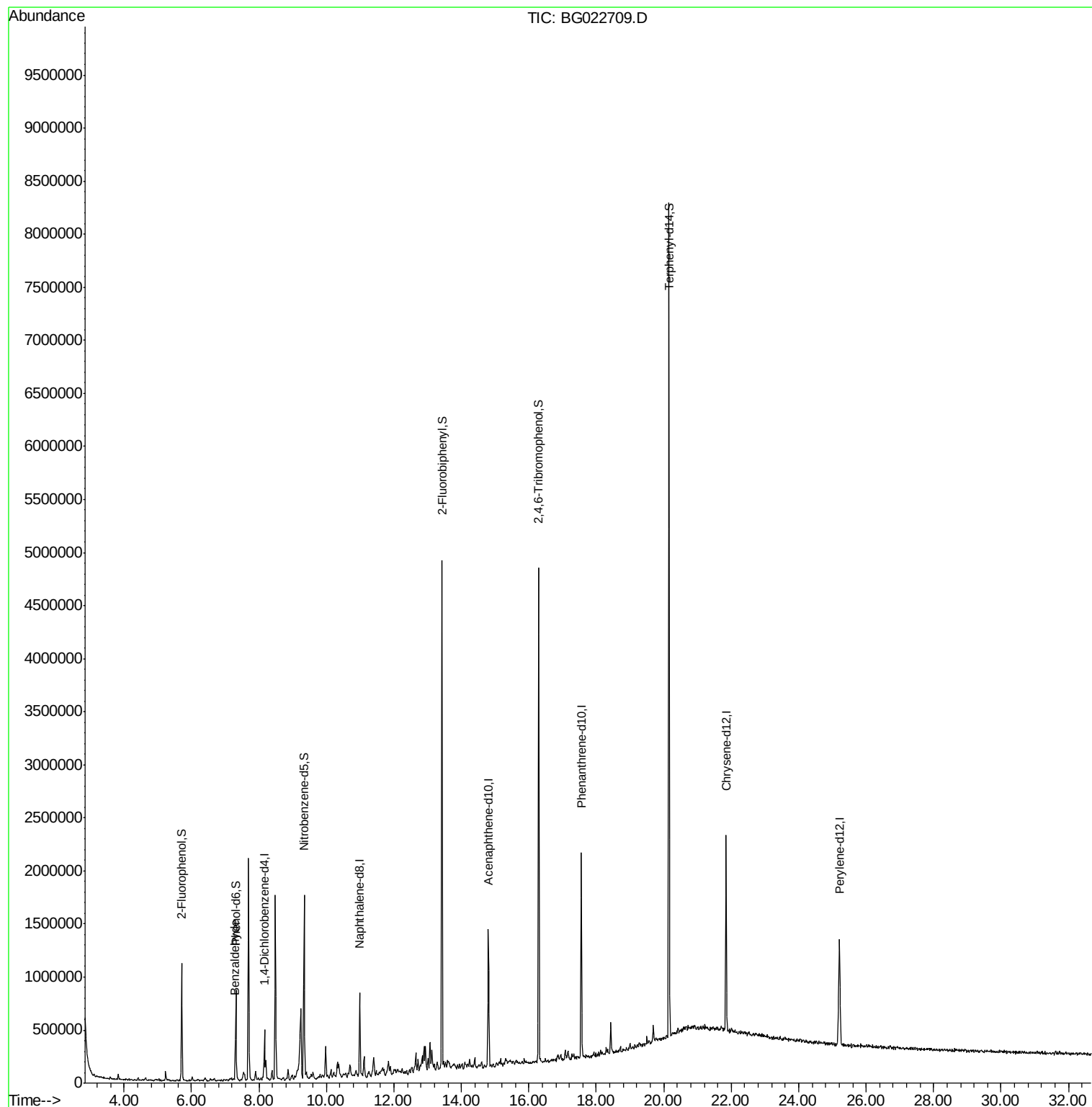
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	125459	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	597501	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	459953	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1090334	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1167953	20.00	ng	0.00
86) Perylene-d12	25.21	264	1183128	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	454507	58.11	ng	0.00
7) Phenol-d6	7.31	99	495617	44.95	ng	0.01
23) Nitrobenzene-d5	9.33	82	1153389	81.70	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	886468	122.54	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2332494	80.42	ng	0.00
78) Terphenyl-d14	20.16	244	2903125	65.86	ng	0.00
Target Compounds						
9) Benzaldehyde	7.29	77	8749	2.25	ng	Qvalue 97

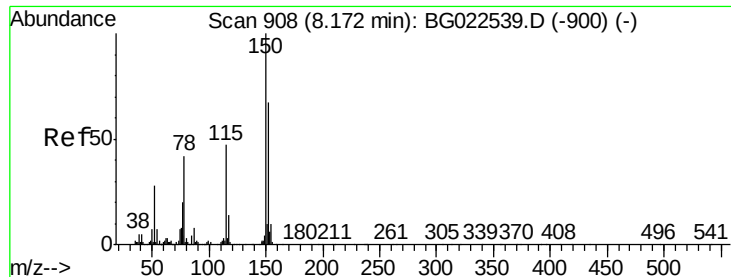
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022709.D

Acq: 30 Jun 2016 1:19

Instrument :

BNA_G

ClientSampleId :

S8-0580

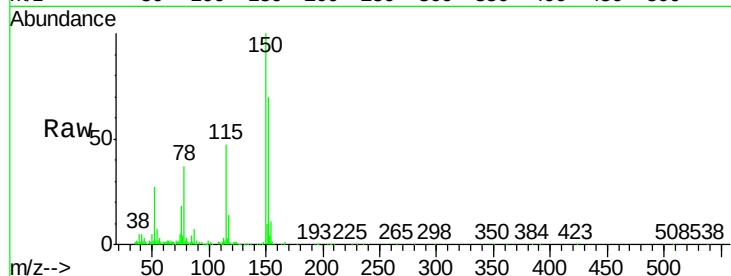
Tot Ion:152 Resp: 125459

Ion Ratio Lower Upper

152 100

150 143.0 144.7 217.1#

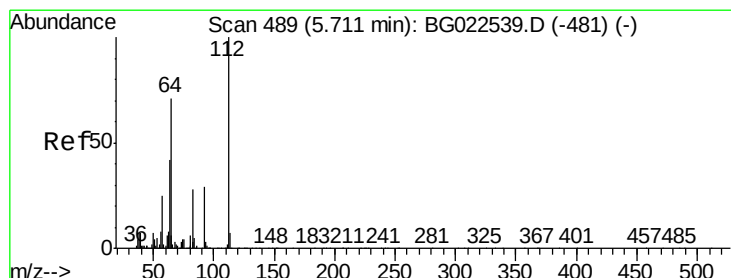
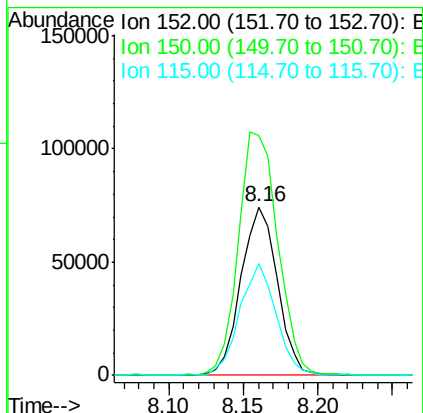
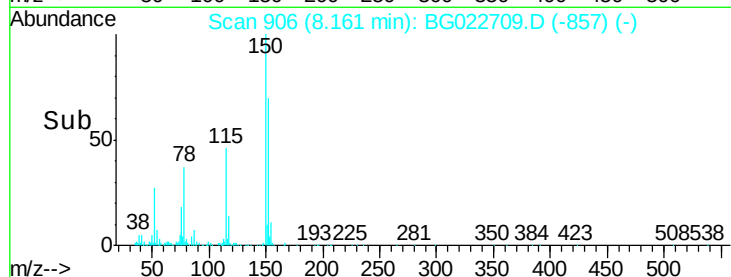
115 66.6 64.0 96.0



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: 58.11 ng

RT: 5.70 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG022709.D

Acq: 30 Jun 2016 1:19

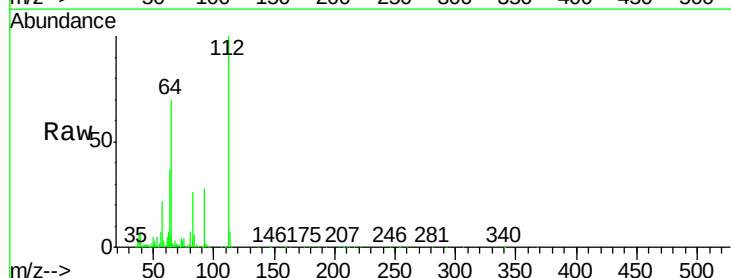
Tgt Ion:112 Resp: 454507

Ion Ratio Lower Upper

112 100

64 69.9 59.0 88.4

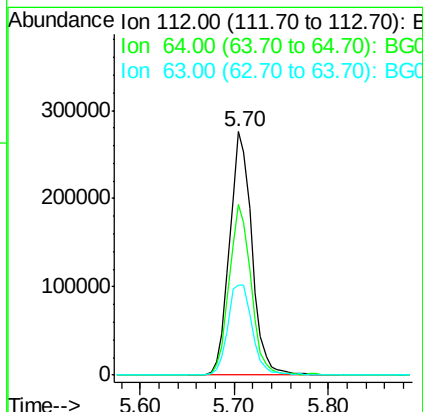
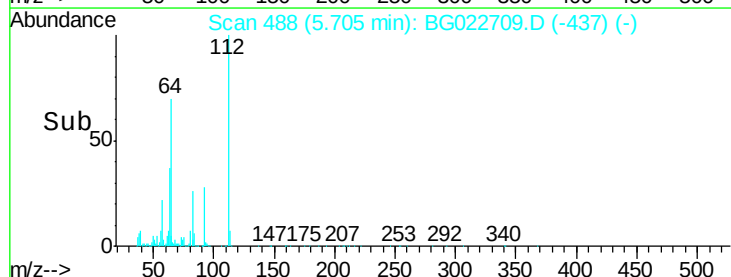
63 37.2 37.8 56.8#

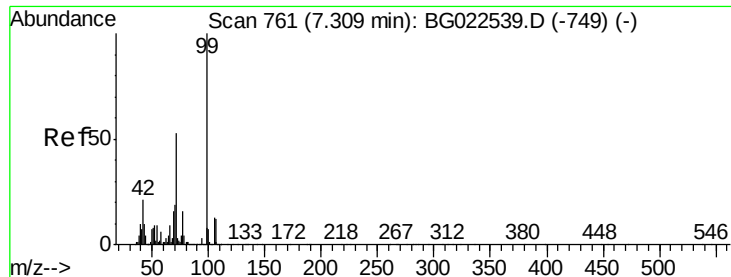


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 44.95 ng

RT: 7.31 min Scan# 762

Delta R.T. 0.01 min

Lab File: BG022709.D

Acq: 30 Jun 2016 1:19

Instrument :

BNA_G

ClientSampleId :

S8-0580

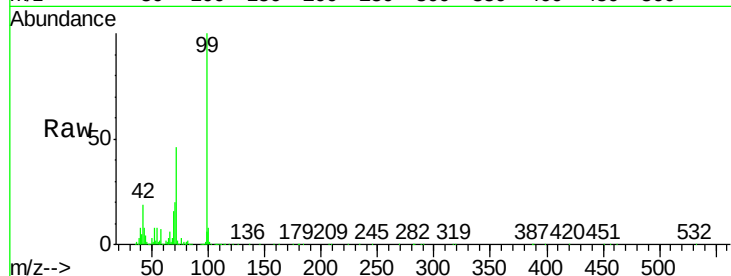
Tot Ion: 99 Resp: 495617

Ion Ratio Lower Upper

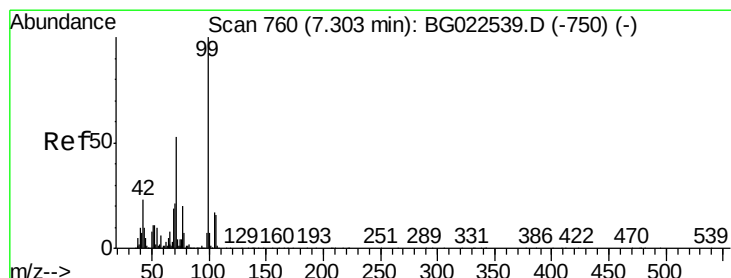
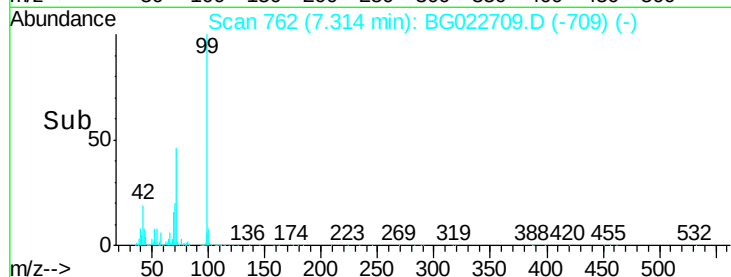
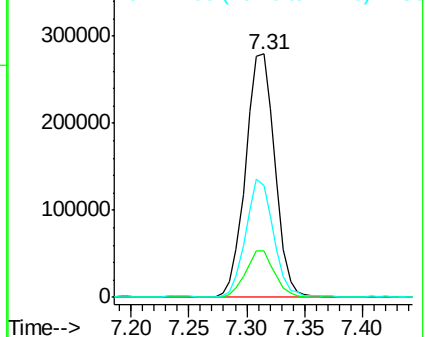
99 100

42 18.9 17.8 26.6

71 46.1 41.5 62.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#9

Benzaldehyde

Concen: 2.25 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG022709.D

Acq: 30 Jun 2016 1:19

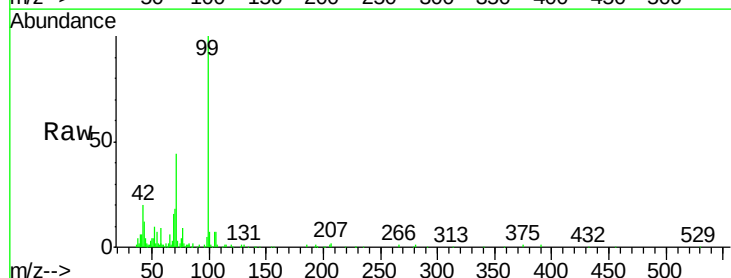
Tgt Ion: 77 Resp: 8749

Ion Ratio Lower Upper

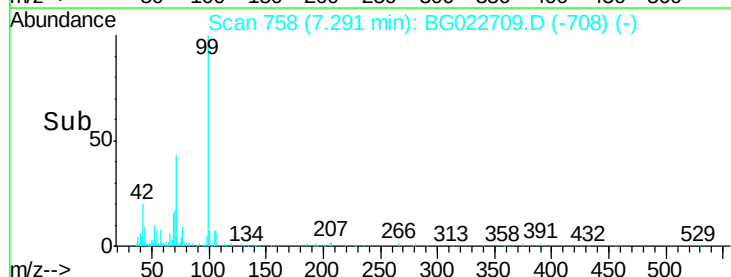
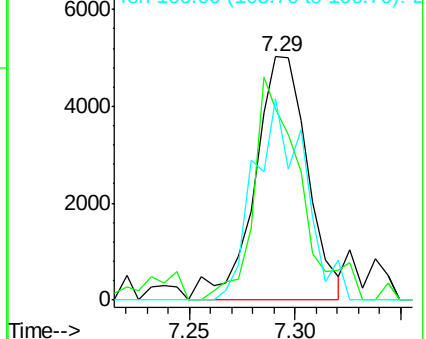
77 100

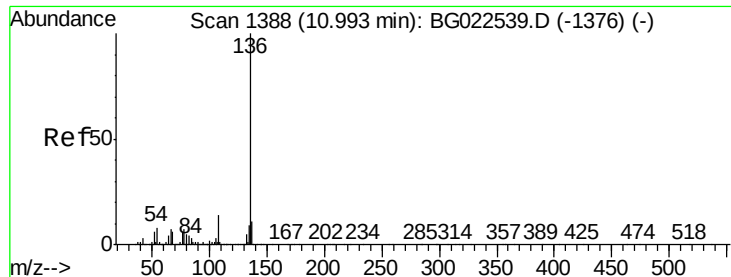
105 78.5 58.7 98.7

106 82.5 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

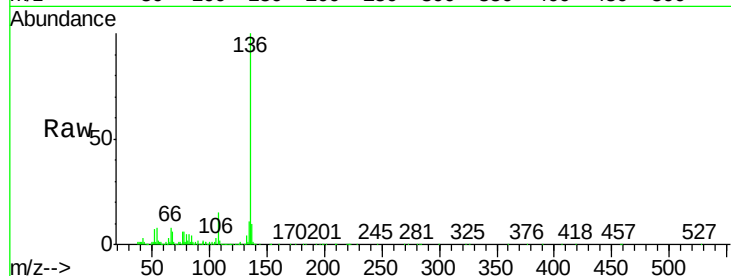




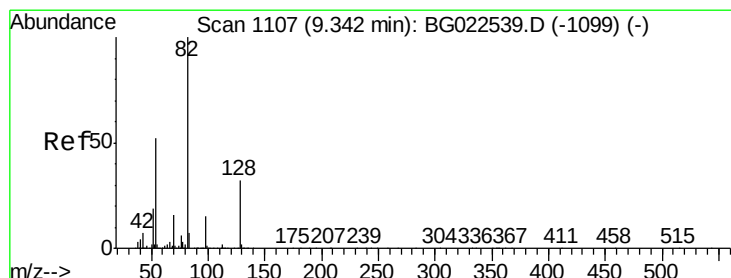
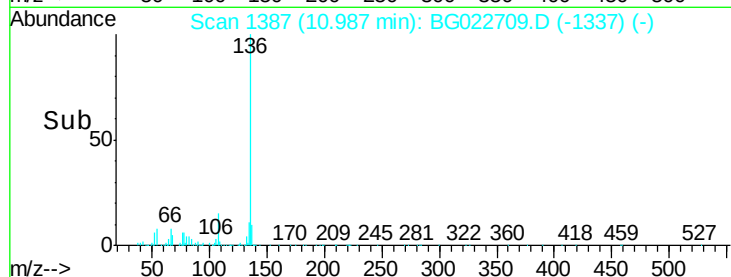
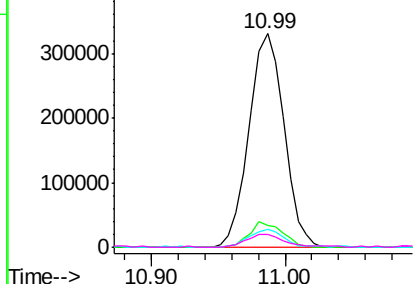
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BG022709.D
Acq: 30 Jun 2016 1:19

Instrument :
BNA_G
ClientSampleId :
S8-0580

Tot Ion:136	Resp:	597501	
Ion Ratio	Lower	Upper	
136 100			
137 10.3	9.6	14.4	
54 8.3	7.3	10.9	
68 5.9	5.3	7.9	

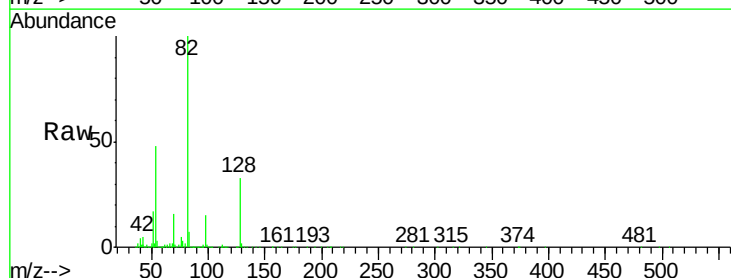


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

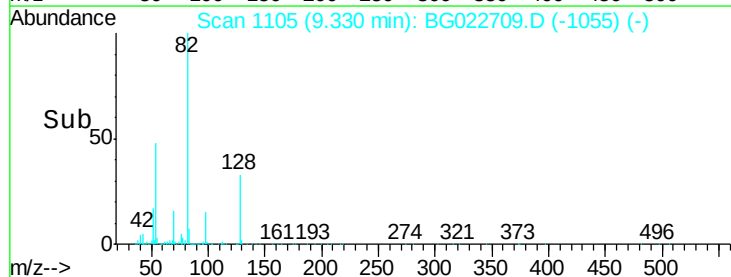
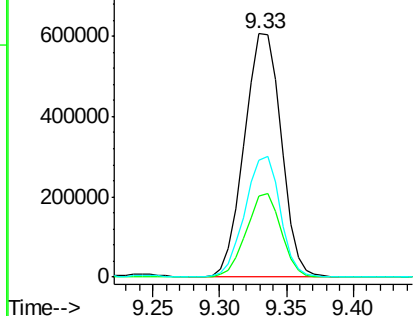


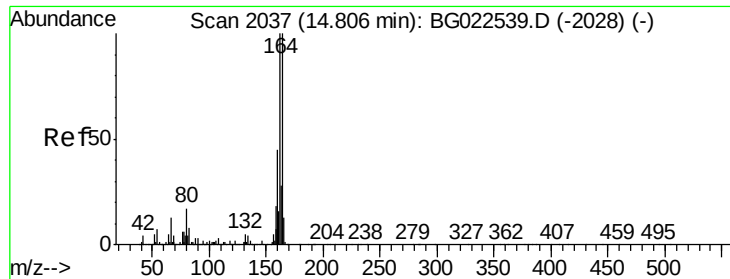
#23
Nitrobenzene-d5
Concen: 81.70 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BG022709.D
Acq: 30 Jun 2016 1:19

Tgt Ion: 82	Resp: 1153389
Ion Ratio	Lower Upper
82 100	
128 33.2	24.4 36.6
54 48.1	41.4 62.0



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG022709.D

Acq: 30 Jun 2016 1:19

Instrument :

BNA_G

ClientSampleId :

S8-0580

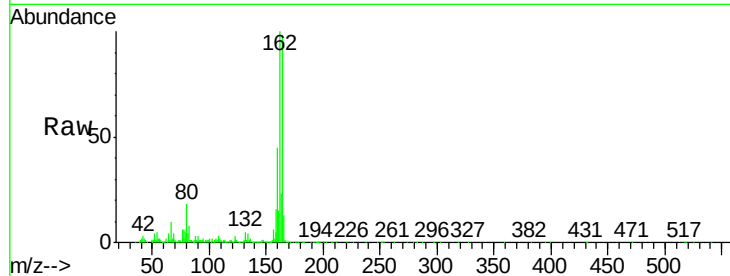
Tot Ion:164 Resp: 459953

Ion Ratio Lower Upper

164 100

162 102.1 87.7 131.5

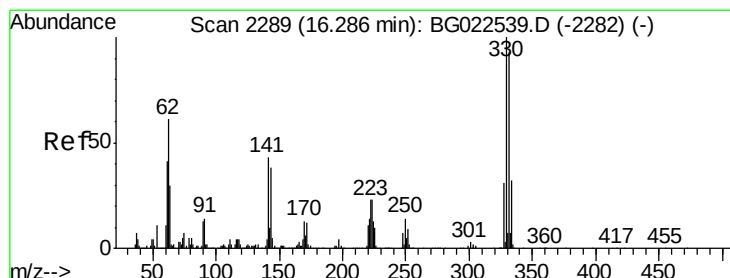
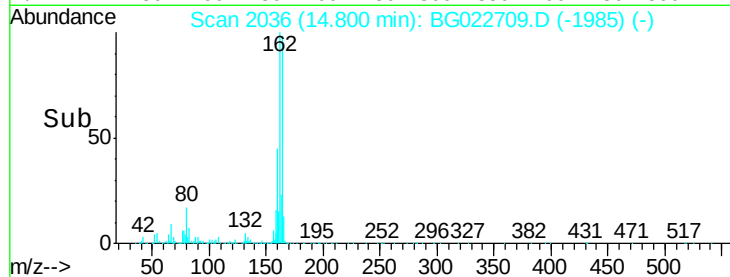
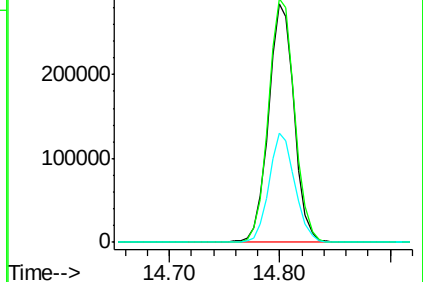
160 46.0 37.2 55.8



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: 122.54 ng

RT: 16.29 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BG022709.D

Acq: 30 Jun 2016 1:19

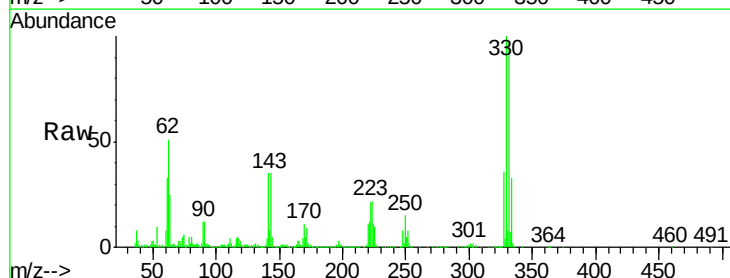
Tgt Ion:330 Resp: 886468

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.2

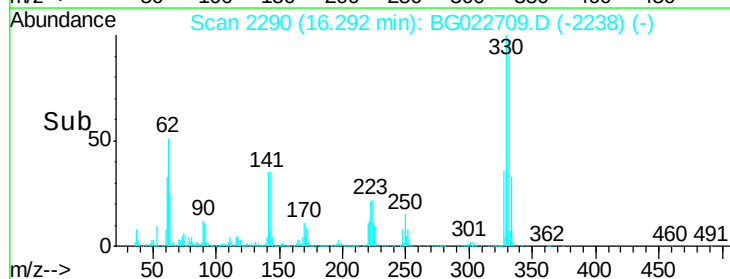
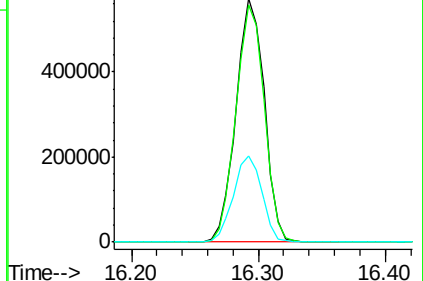
141 35.4 31.7 47.5

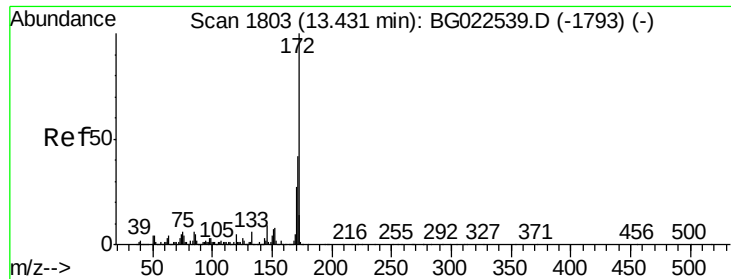


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

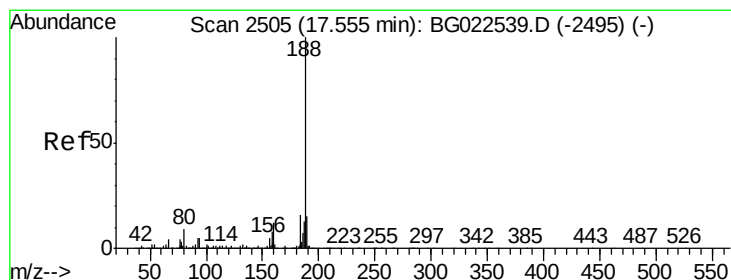
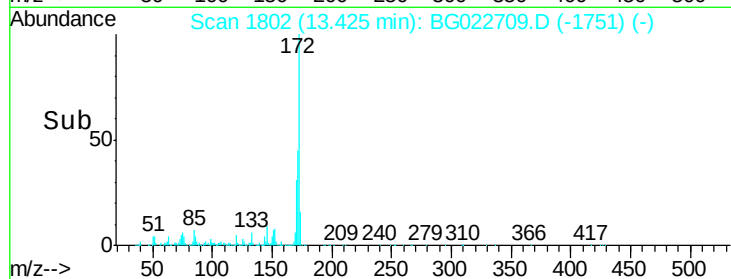
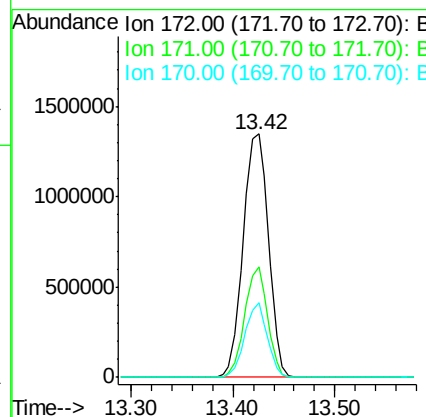
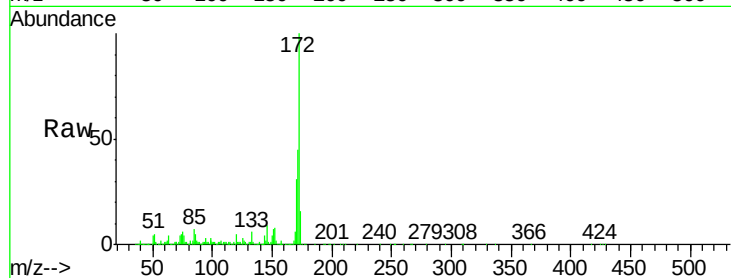




#44
2-Fluorobiphenyl
Concen: 80.42 ng
RT: 13.42 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BG022709.D
Acq: 30 Jun 2016 1:19

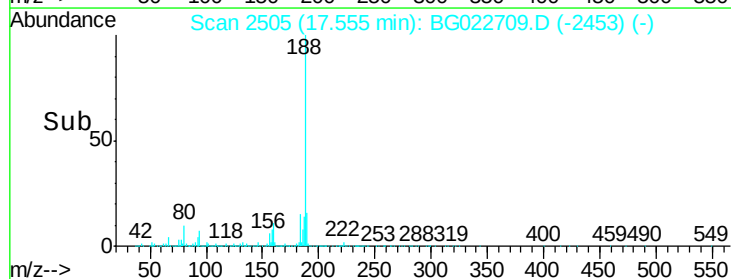
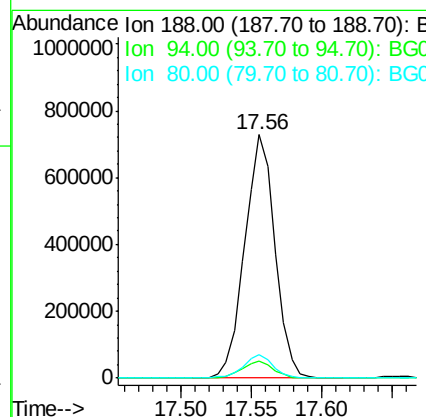
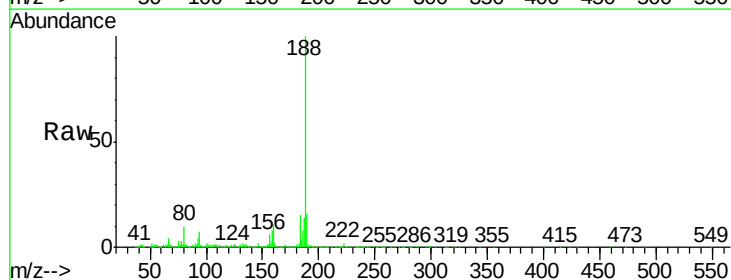
Instrument :
BNA_G
ClientSampleId :
S8-0580

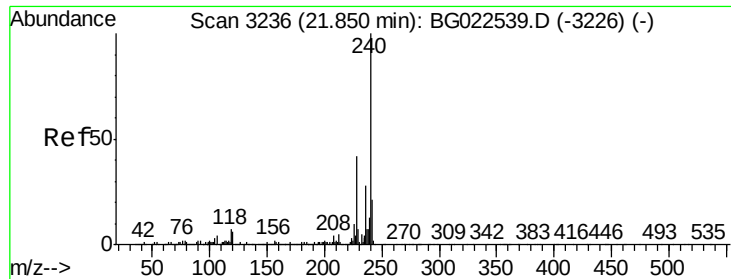
Tot Ion:172 Resp: 2332494
Ion Ratio Lower Upper
172 100
171 45.4 31.6 47.4
170 30.5 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022709.D
Acq: 30 Jun 2016 1:19

Tgt Ion:188 Resp: 1090334
Ion Ratio Lower Upper
188 100
94 7.2 5.2 7.8
80 9.8 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. 0.01 min

Lab File: BG022709.D

Acq: 30 Jun 2016 1:19

Instrument :

BNA_G

ClientSampleId :

S8-0580

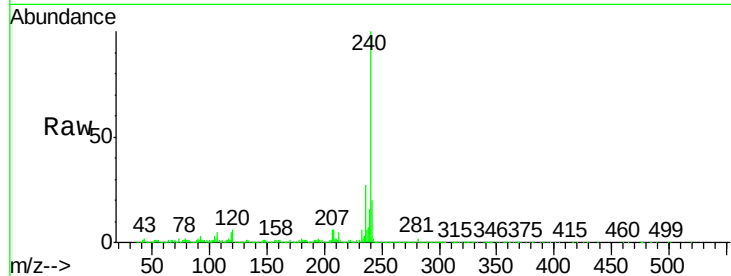
Tot Ion:240 Resp: 1167953

Ion Ratio Lower Upper

240 100

120 6.0 4.1 6.1

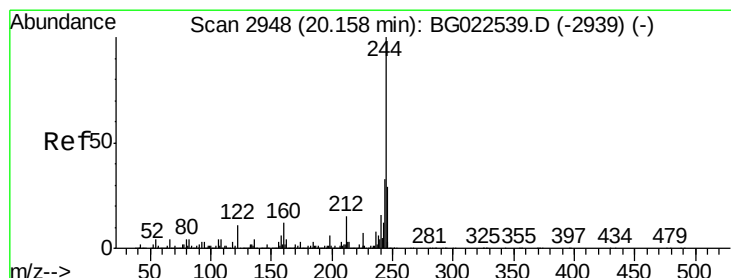
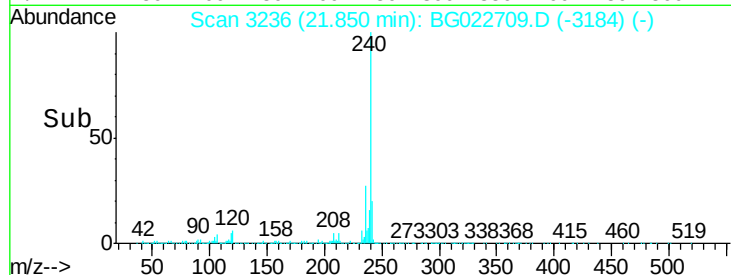
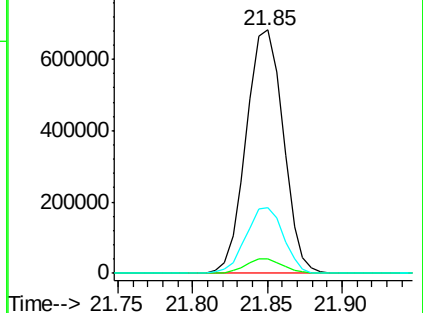
236 27.0 21.1 31.7



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: 65.86 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022709.D

Acq: 30 Jun 2016 1:19

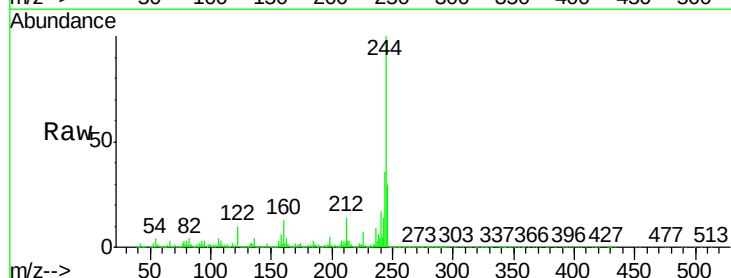
Tgt Ion:244 Resp: 2903125

Ion Ratio Lower Upper

244 100

212 14.3 10.8 16.2

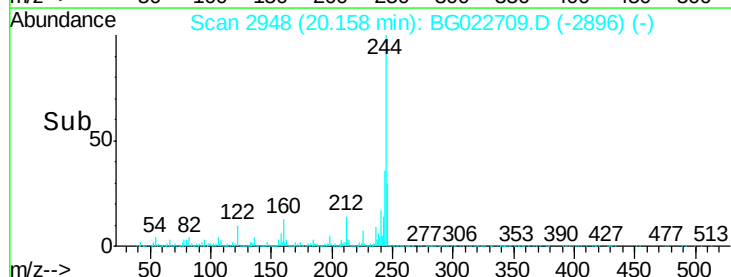
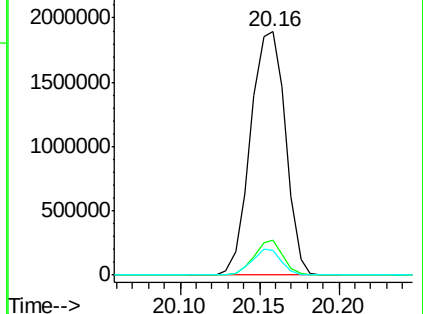
122 10.1 8.0 12.0

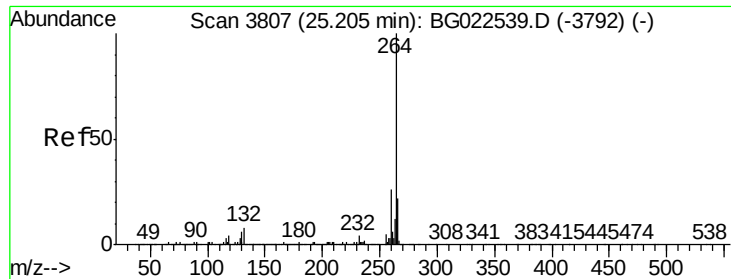


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. -0.00 min
Lab File: BG022709.D
Acq: 30 Jun 2016 1:19

Instrument :
BNA_G
ClientSampleId :
S8-0580

Tot Ion:264 Resp: 1183128

Ion	Ratio	Lower	Upper
264	100		
260	25.7	18.4	27.6
265	22.5	18.9	28.3

