

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042115\
 Data File : BG016603.D
 Acq On : 22 Apr 2015 4:31
 Operator : TP/IZ
 Sample : G1937-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TRC-MW2

Quant Time: Apr 22 05:28:05 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 02:10:07 2015
 Response via : Initial Calibration

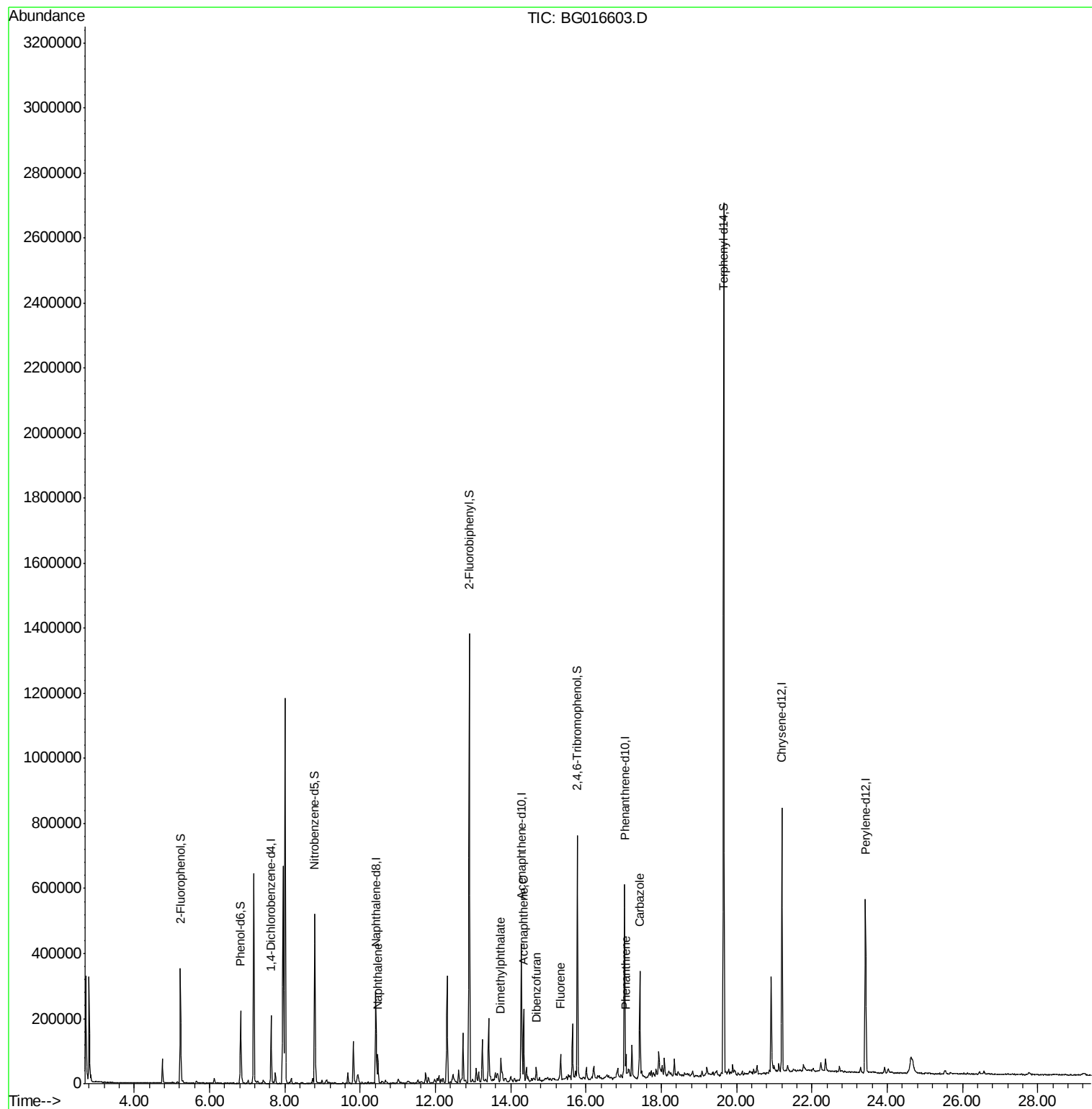
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	57276	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	239107	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	133465	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	295651	20.00	ng	0.00
75) Chrysene-d12	21.21	240	328409	20.00	ng	0.00
86) Perylene-d12	23.42	264	302289	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	169710	47.49	ng	0.00
7) Phenol-d6	6.82	99	151260	30.30	ng	0.00
23) Nitrobenzene-d5	8.79	82	299675	77.17	ng	0.00
41) 2,4,6-Tribromophenol	15.77	330	98733	108.92	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	661857	82.13	ng	0.00
78) Terphenyl-d14	19.66	244	1010533	74.13	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.47	128	76524	6.13	ng	99
49) Dimethylphthalate	13.74	163	45435	4.60	ng	100
51) Acenaphthene	14.34	154	79437	9.53	ng	99
54) Dibenzofuran	14.68	168	24467	2.08	ng	100
57) Fluorene	15.33	166	35434	3.43	ng	99
70) Phenanthrene	17.06	178	35463	2.11	ng	99
72) Carbazole	17.43	167	200567	11.75	ng	97

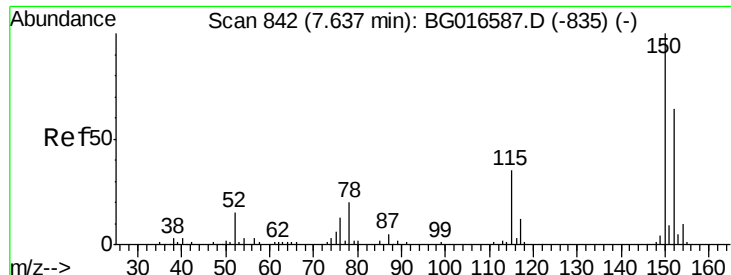
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042115\
Data File : BG016603.D
Acq On : 22 Apr 2015 4:31
Operator : TP/IZ
Sample : G1937-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TRC-MW2

Quant Time: Apr 22 05:28:05 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 02:10:07 2015
Response via : Initial Calibration



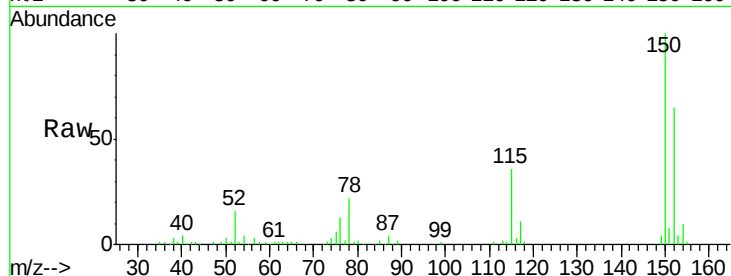


#1

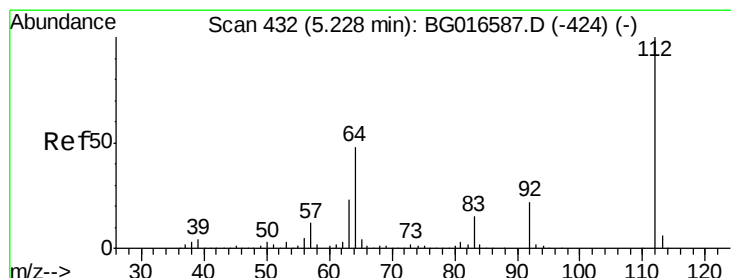
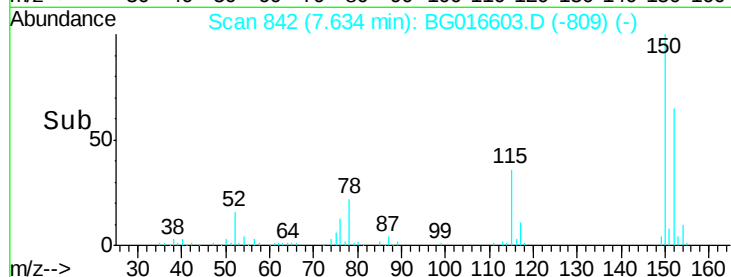
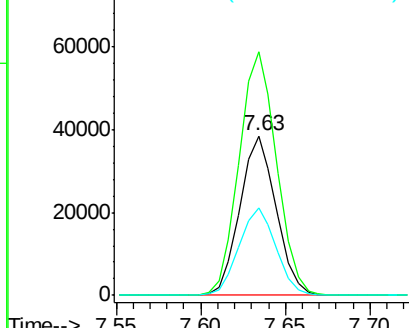
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.63 min Scan# 842
Delta R.T. -0.00 min
Lab File: BG016603.D
Acq: 22 Apr 2015 4:31

Instrument :
BNA_G
ClientSampleId :
TRC-MW2

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	125.5	188.3
115	54.6	44.5	66.7



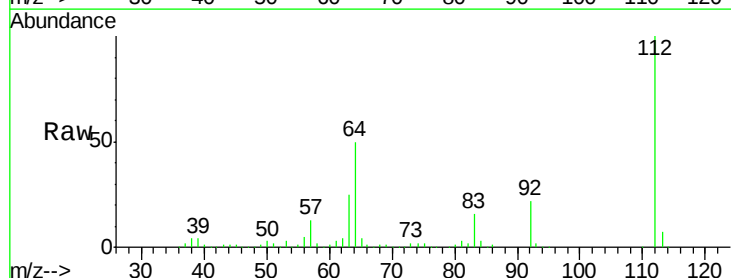
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



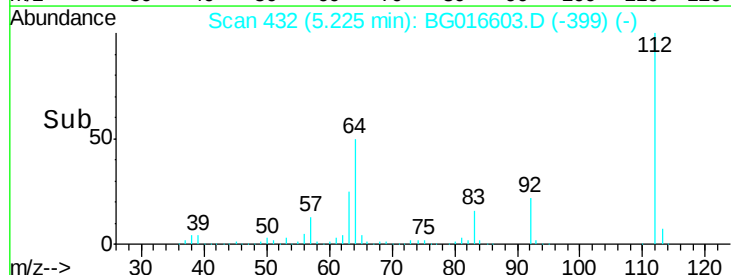
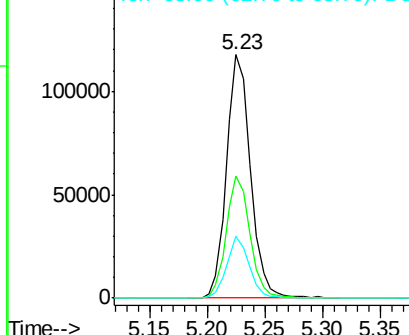
#5

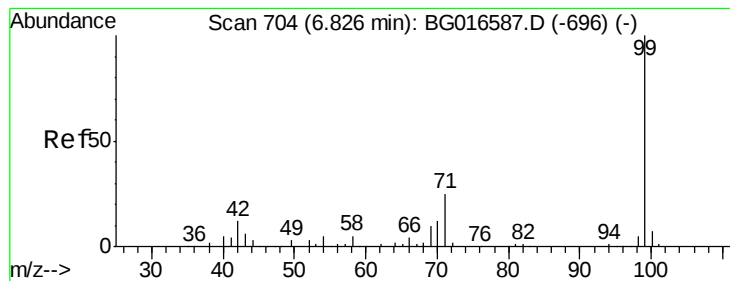
2-Fluorophenol
Concen: 47.49 ng
RT: 5.23 min Scan# 432
Delta R.T. -0.00 min
Lab File: BG016603.D
Acq: 22 Apr 2015 4:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.3	38.5	57.7
63	25.3	18.2	27.4



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: 30.30 ng

RT: 6.82 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG016603.D

Acq: 22 Apr 2015 4:31

Instrument :

BNA_G

ClientSampleId :

TRC-MW2

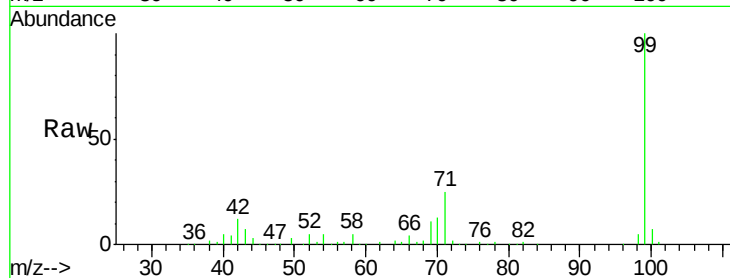
Tot Ion: 99 Resp: 151260

Ion Ratio Lower Upper

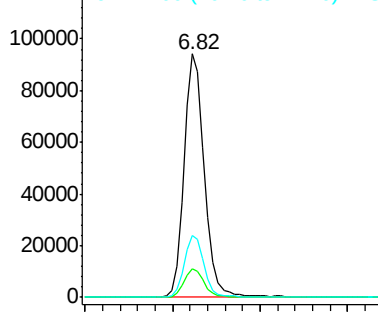
99 100

42 11.9 9.5 14.3

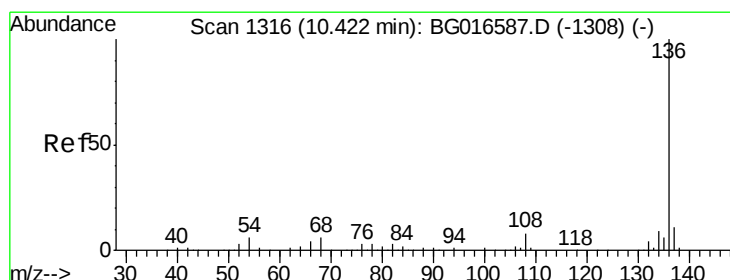
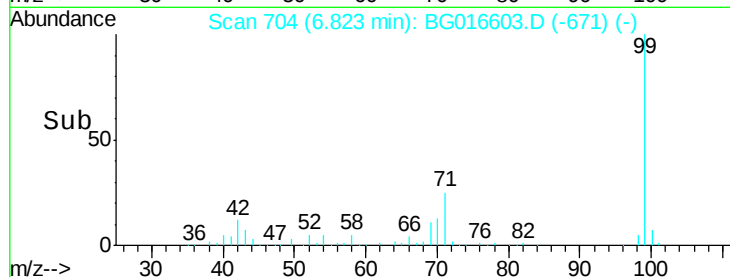
71 25.4 20.2 30.2



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



Time--> 6.70 6.80 6.90 7.00



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.42 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG016603.D

Acq: 22 Apr 2015 4:31

Tgt Ion: 136 Resp: 239107

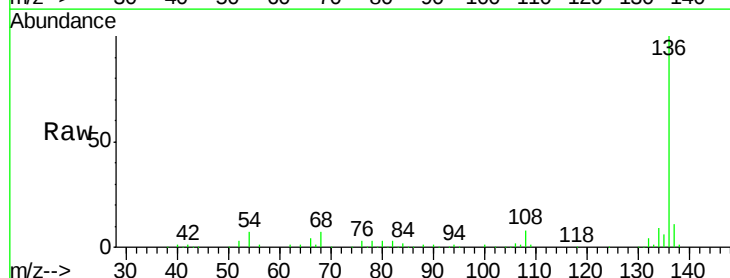
Ion Ratio Lower Upper

136 100

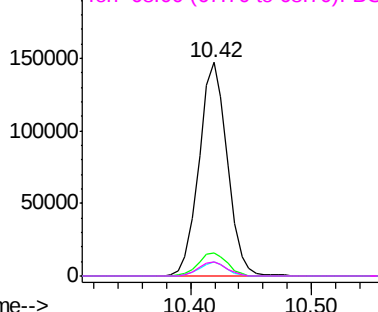
137 10.9 8.8 13.2

54 6.5 4.9 7.3

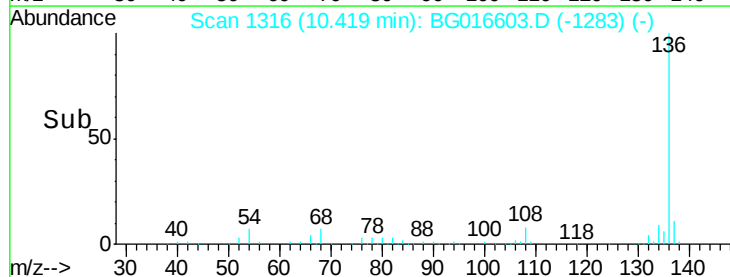
68 6.8 4.9 7.3

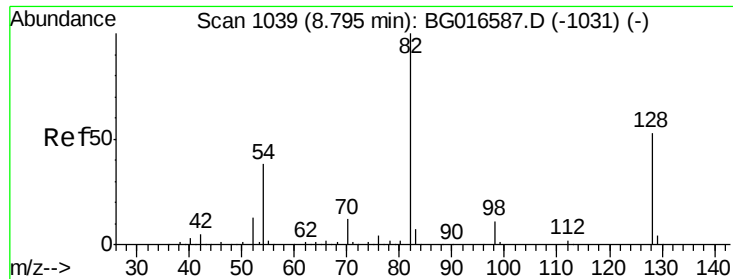


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time--> 10.40 10.50

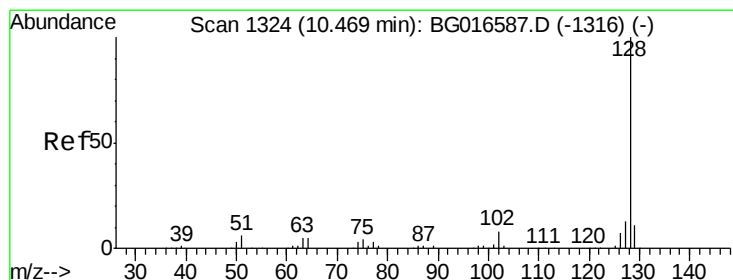
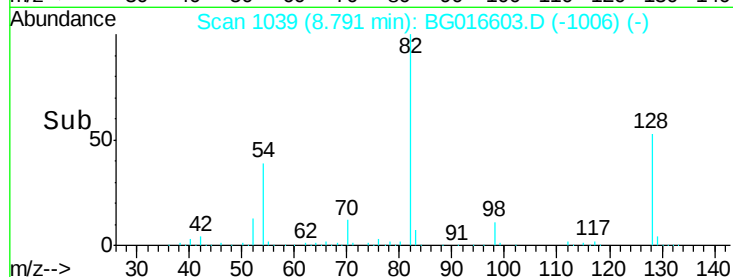
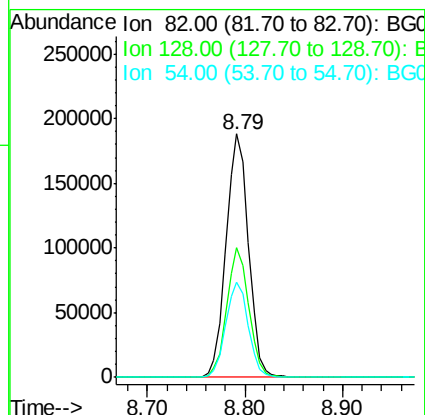
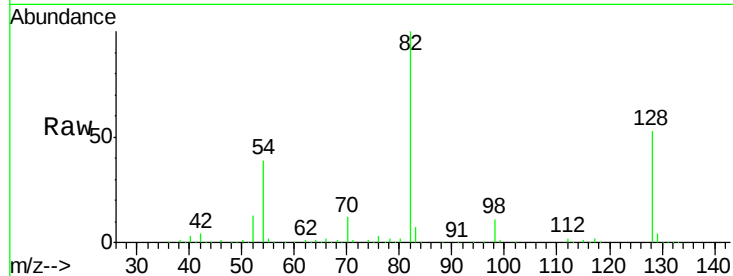




#23
Nitrobenzene-d5
Concen: 77.17 ng
RT: 8.79 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BG016603.D
Acq: 22 Apr 2015 4:31

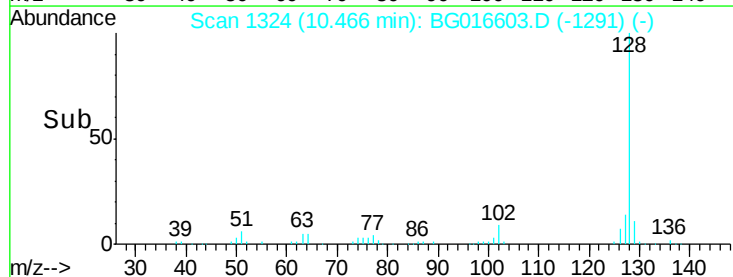
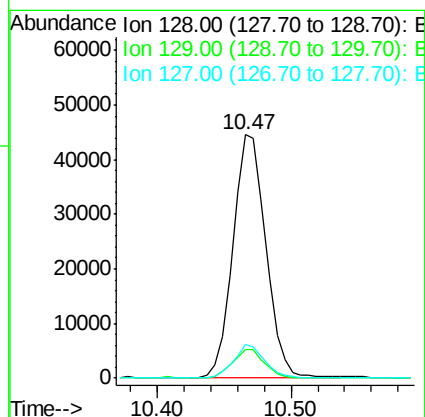
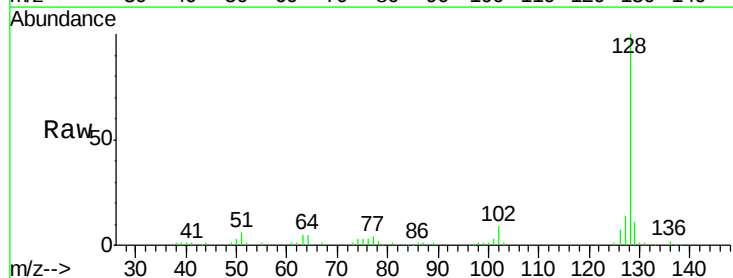
Instrument :
BNA_G
ClientSampleId :
TRC-MW2

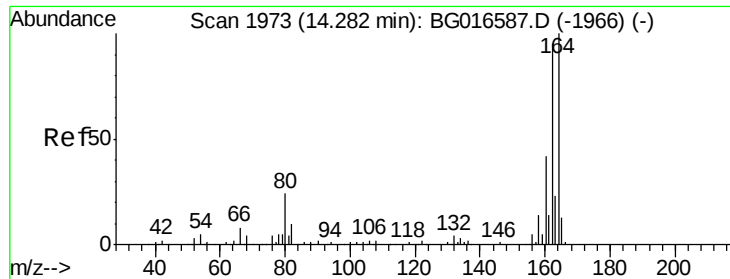
Tot Ion: 82 Resp: 299675
Ion Ratio Lower Upper
82 100
128 53.4 42.7 64.1
54 39.0 30.6 45.8



#31
Naphthalene
Concen: 6.13 ng
RT: 10.47 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG016603.D
Acq: 22 Apr 2015 4:31

Tgt Ion: 128 Resp: 76524
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 14.1 10.6 16.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.28 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG016603.D

Acq: 22 Apr 2015 4:31

Instrument :

BNA_G

ClientSampleId :

TRC-MW2

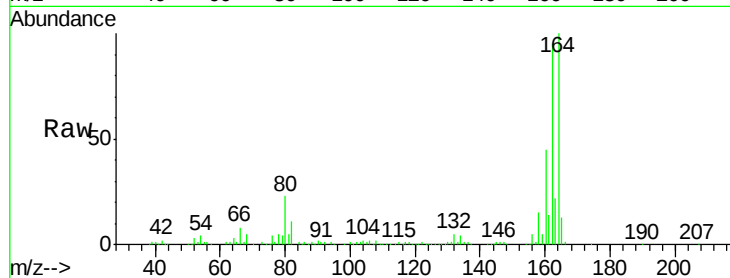
Tot Ion:164 Resp: 133465

Ion Ratio Lower Upper

164 100

162 94.9 75.8 113.6

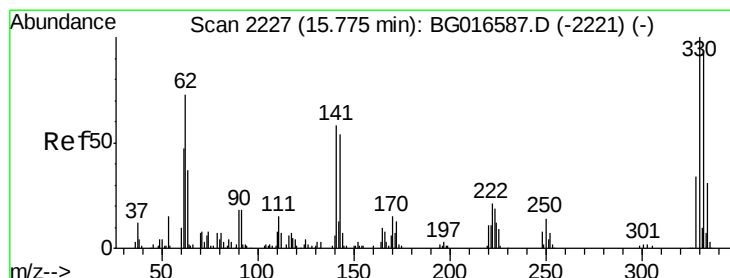
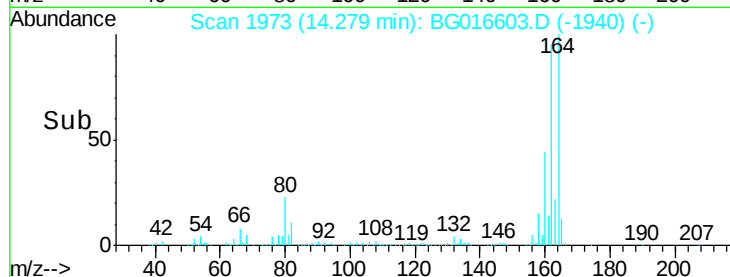
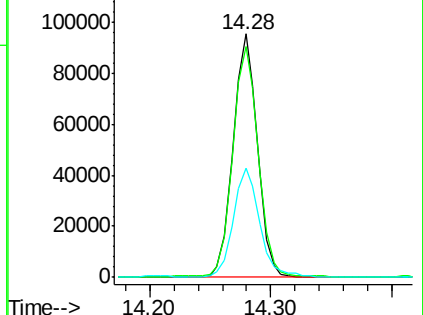
160 44.8 33.8 50.6



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: 108.92 ng

RT: 15.77 min Scan# 2227

Delta R.T. -0.00 min

Lab File: BG016603.D

Acq: 22 Apr 2015 4:31

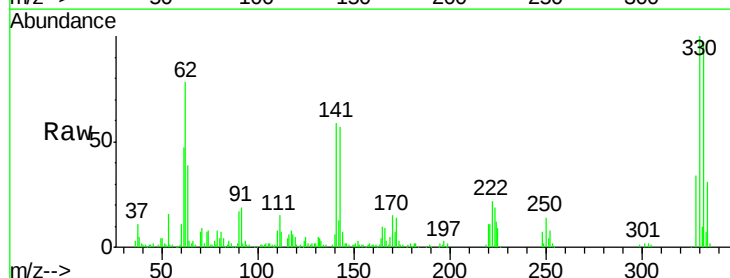
Tgt Ion:330 Resp: 98733

Ion Ratio Lower Upper

330 100

332 95.3 76.6 114.8

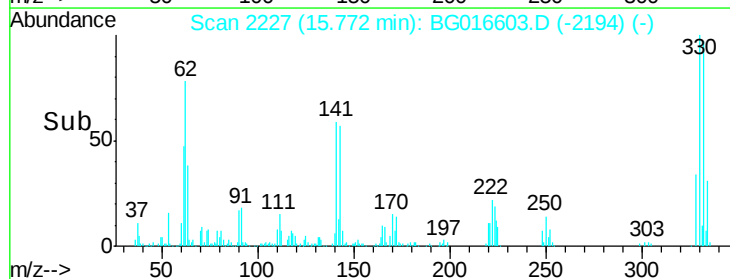
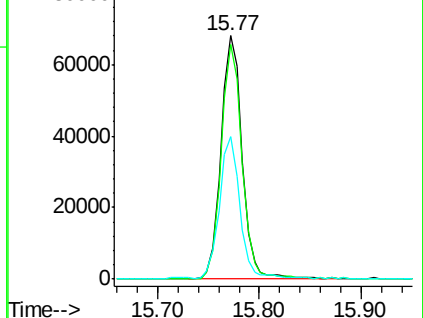
141 56.3 45.9 68.9

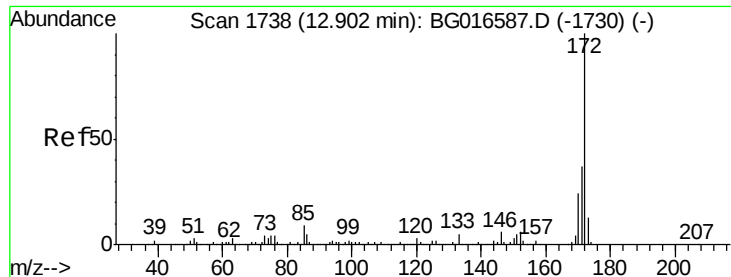


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

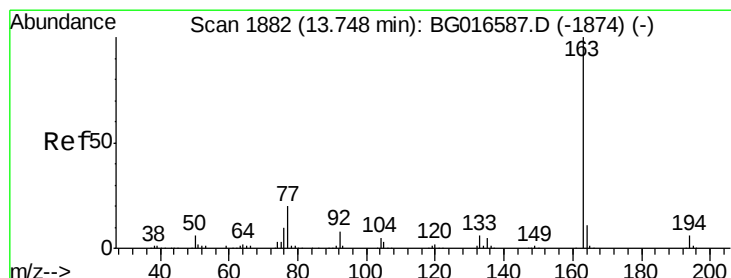
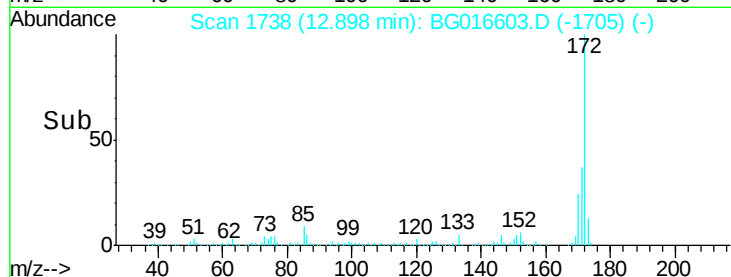
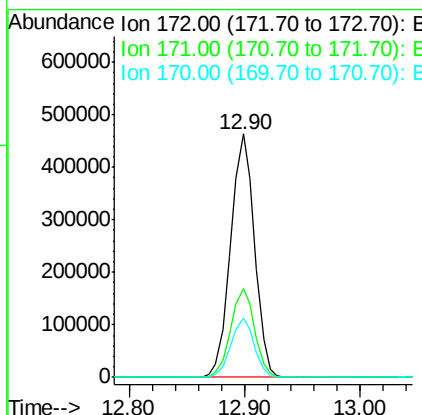
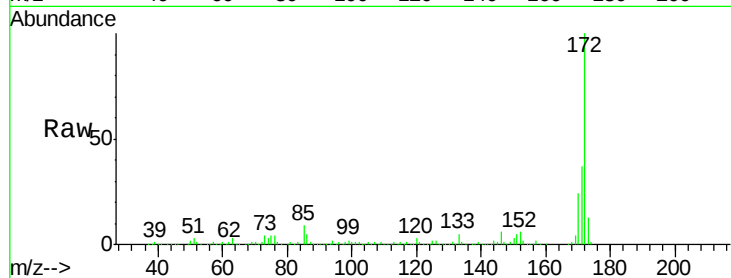




#44
2-Fluorobiphenyl
Concen: 82.13 ng
RT: 12.90 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG016603.D
Acq: 22 Apr 2015 4:31

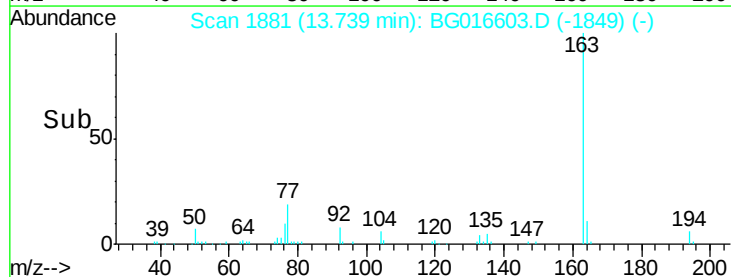
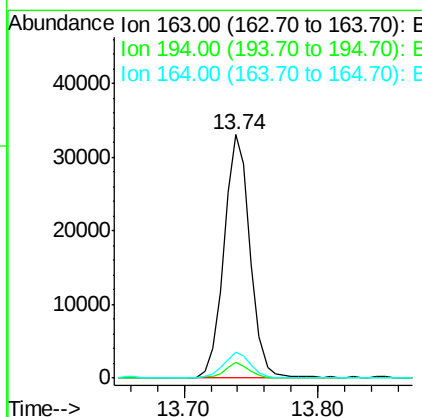
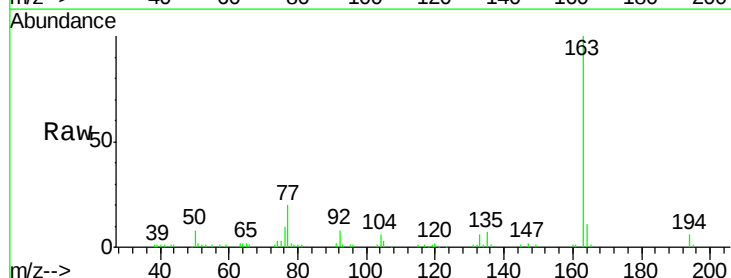
Instrument :
BNA_G
ClientSampleId :
TRC-MW2

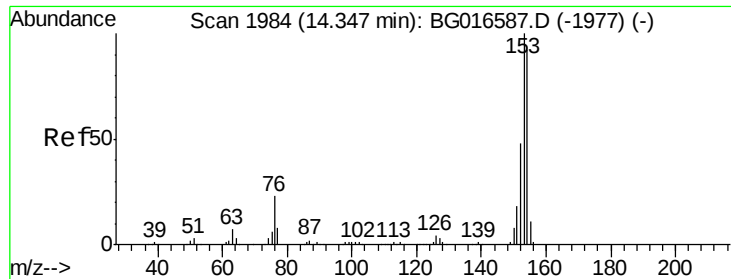
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.1	19.4	29.0



#49
Dimethylphthalate
Concen: 4.60 ng
RT: 13.74 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG016603.D
Acq: 22 Apr 2015 4:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.5	4.9	7.3
164	10.7	8.6	12.8





#51

Acenaphthene

Concen: 9.53 ng

RT: 14.34 min Scan# 1984

Delta R.T. -0.00 min

Lab File: BG016603.D

Acq: 22 Apr 2015 4:31

Instrument :

BNA_G

ClientSampleId :

TRC-MW2

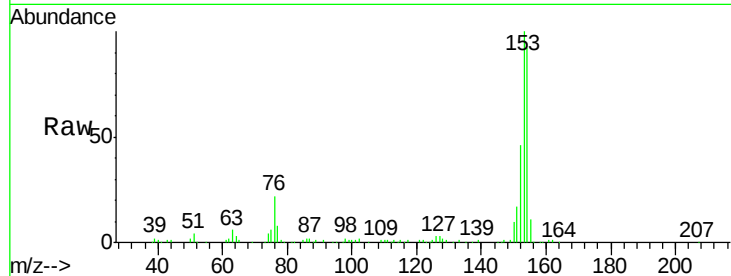
Tot Ion:154 Resp: 79437

Ion Ratio Lower Upper

154 100

153 108.9 87.3 130.9

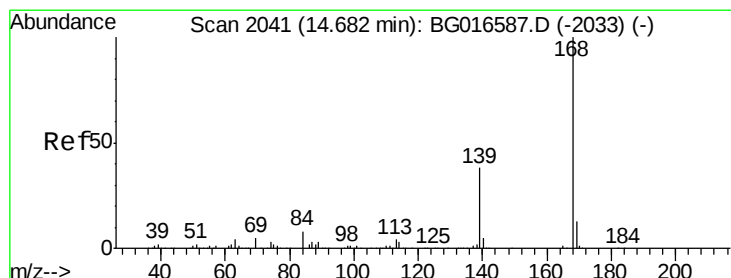
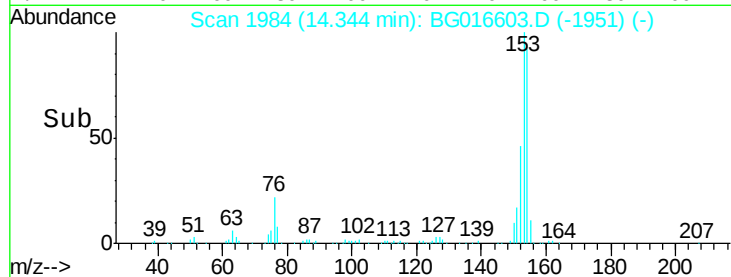
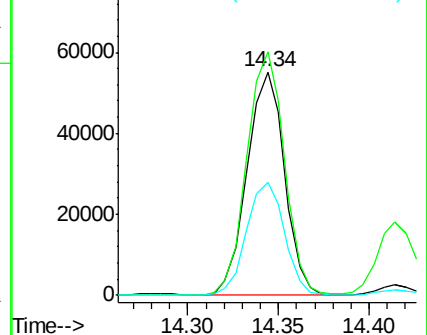
152 50.5 41.4 62.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 2.08 ng

RT: 14.68 min Scan# 2041

Delta R.T. -0.00 min

Lab File: BG016603.D

Acq: 22 Apr 2015 4:31

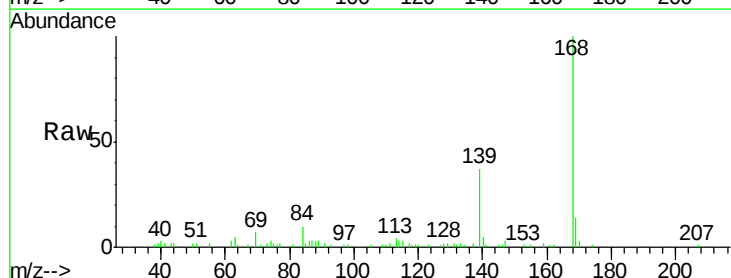
Tgt Ion:168 Resp: 24467

Ion Ratio Lower Upper

168 100

139 37.3 30.2 45.2

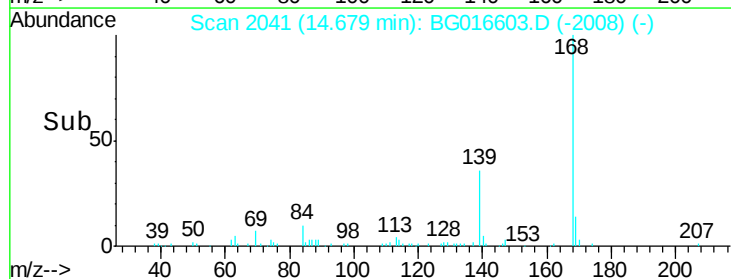
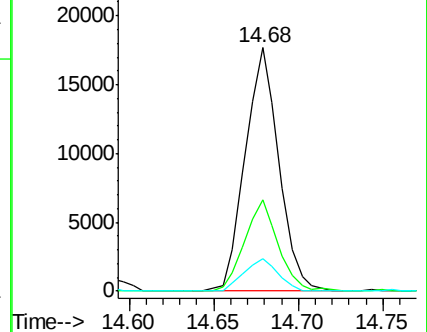
169 13.5 10.8 16.2

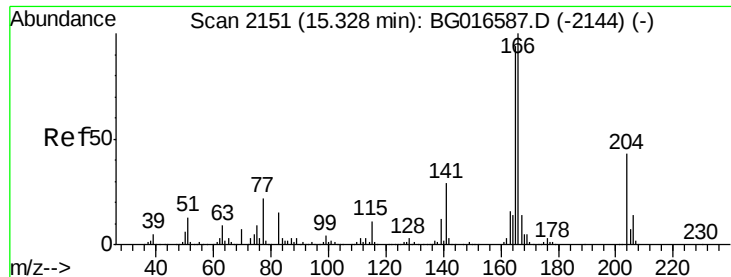


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 3.43 ng

RT: 15.33 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG016603.D

Acq: 22 Apr 2015 4:31

Instrument :

BNA_G

ClientSampleId :

TRC-MW2

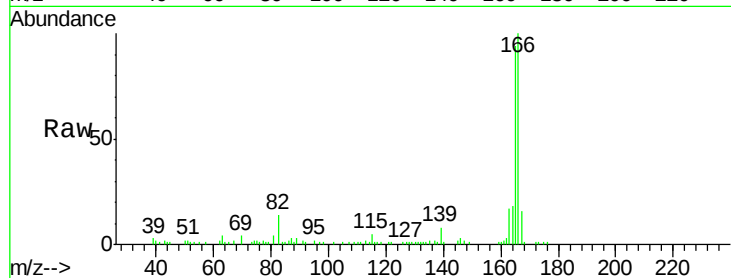
Tot Ion:166 Resp: 35434

Ion Ratio Lower Upper

166 100

165 94.5 75.4 113.0

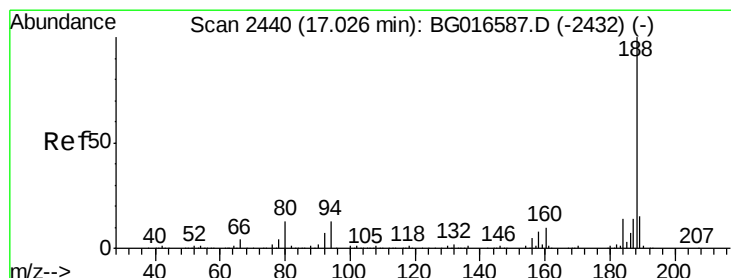
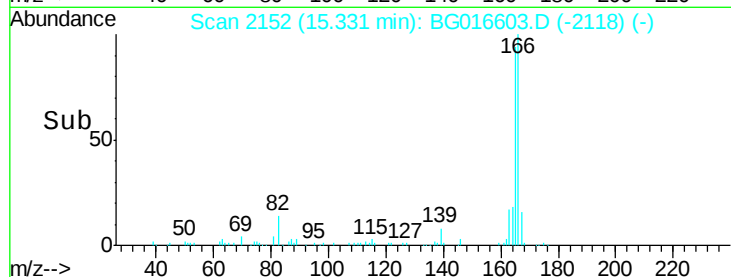
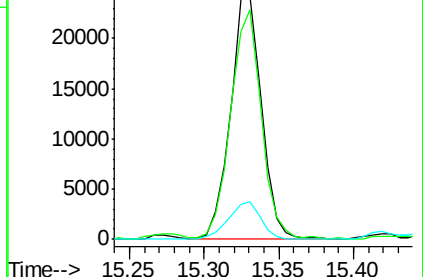
167 15.7 11.2 16.8



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: 17.02 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG016603.D

Acq: 22 Apr 2015 4:31

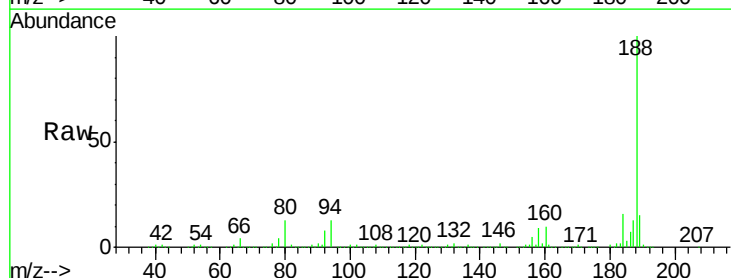
Tgt Ion:188 Resp: 295651

Ion Ratio Lower Upper

188 100

94 13.4 10.5 15.7

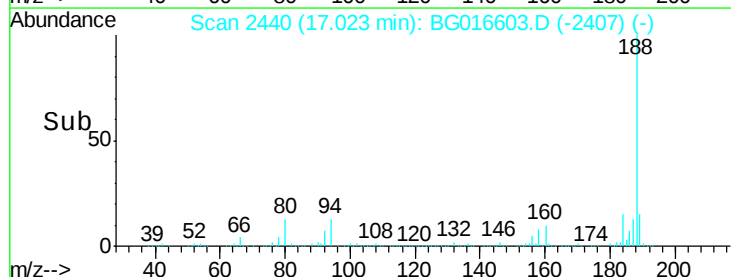
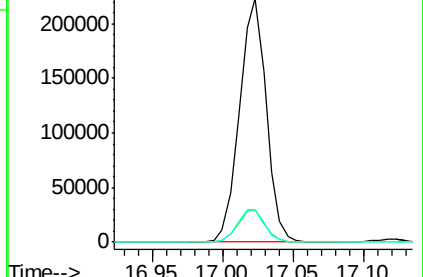
80 13.4 10.6 16.0

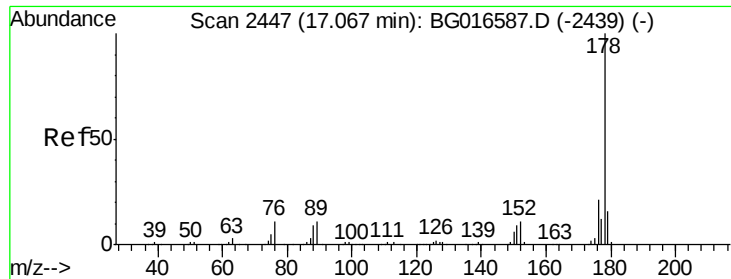


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#70

Phenanthrene

Concen: 2.11 ng

RT: 17.06 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BG016603.D

Acq: 22 Apr 2015 4:31

Instrument :

BNA_G

ClientSampleId :

TRC-MW2

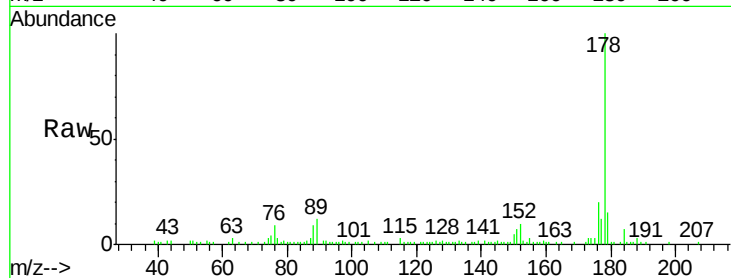
Tot Ion:178 Resp: 35463

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.6	25.0
179	15.3	12.9	19.3

178 100

176 20.4 16.6 25.0

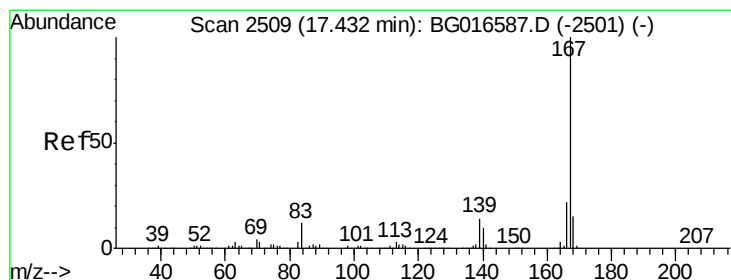
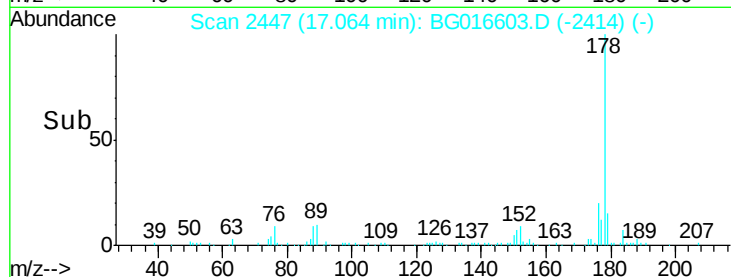
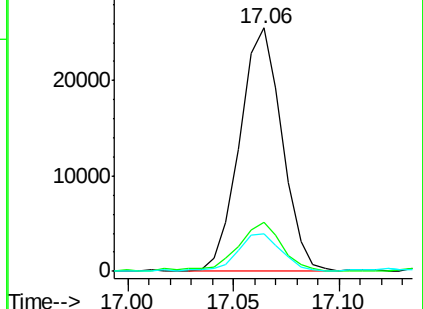
179 15.3 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 11.75 ng

RT: 17.43 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BG016603.D

Acq: 22 Apr 2015 4:31

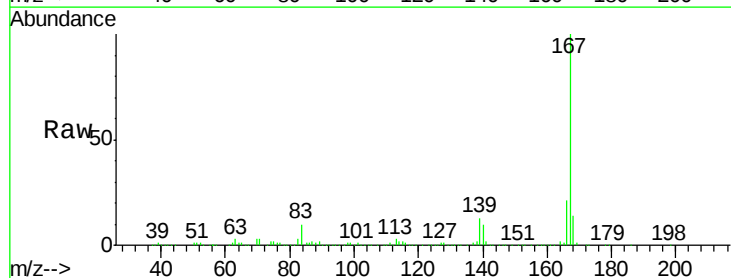
Tgt Ion:167 Resp: 200567

Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.8	26.8
139	12.8	11.0	16.4

167 100

166 20.6 17.8 26.8

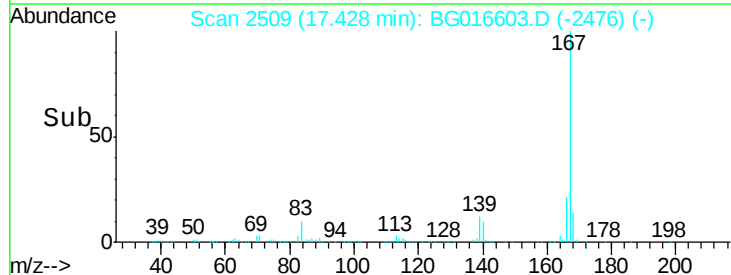
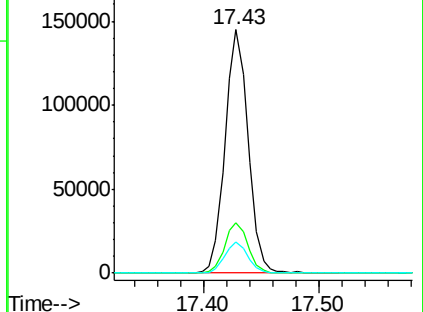
139 12.8 11.0 16.4

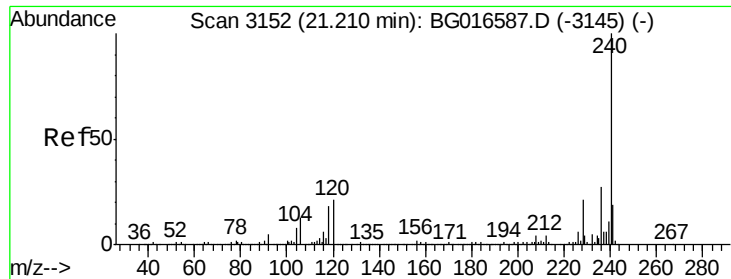


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.21 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG016603.D

Acq: 22 Apr 2015 4:31

Instrument :

BNA_G

ClientSampleId :

TRC-MW2

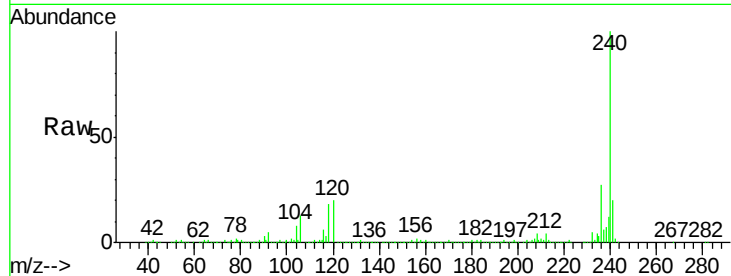
Tot Ion:240 Resp: 328409

Ion Ratio Lower Upper

240 100

120 20.4 16.7 25.1

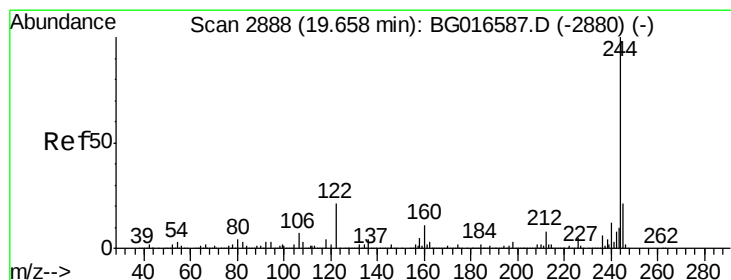
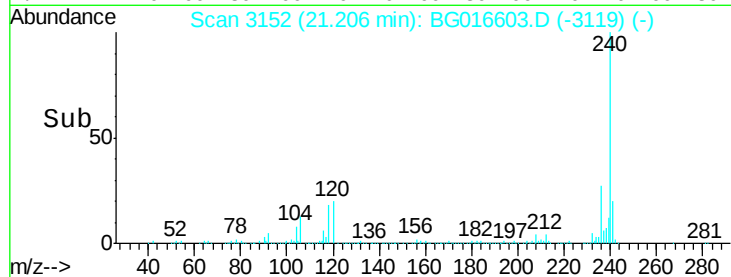
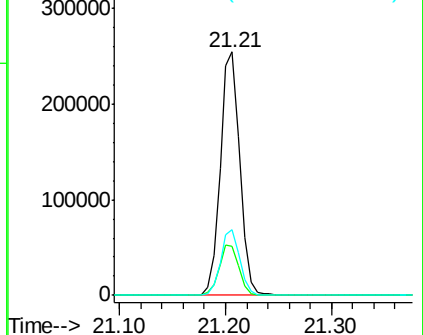
236 27.1 21.7 32.5



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: 74.13 ng

RT: 19.66 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG016603.D

Acq: 22 Apr 2015 4:31

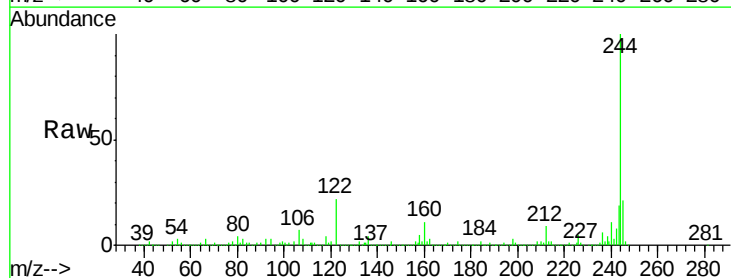
Tgt Ion:244 Resp: 1010533

Ion Ratio Lower Upper

244 100

212 8.6 6.8 10.2

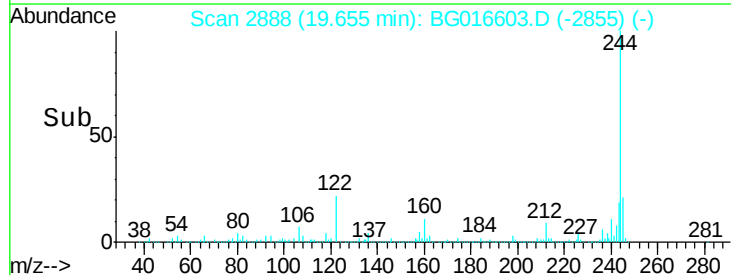
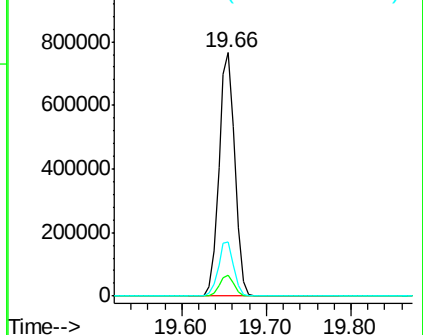
122 22.0 17.0 25.6

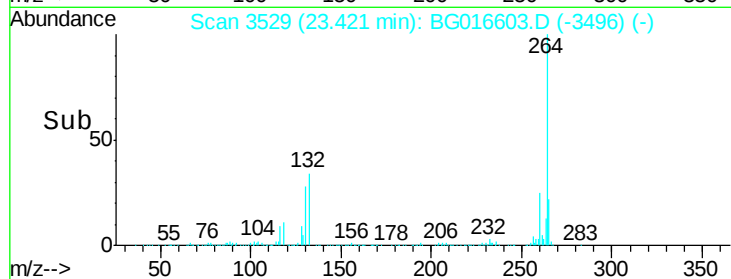
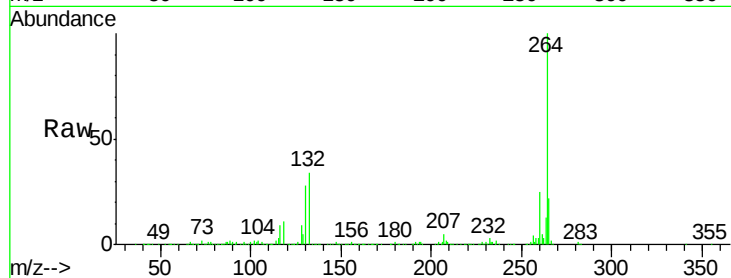
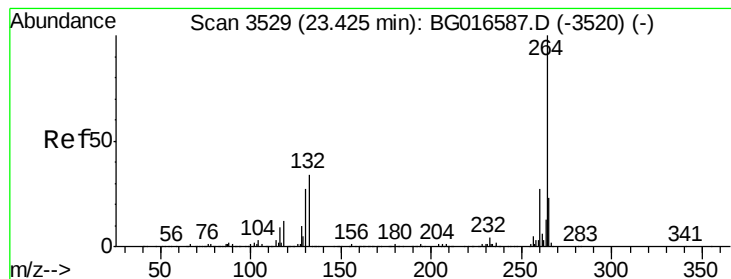


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.42 min Scan# 3529

Delta R.T. -0.00 min

Lab File: BG016603.D

Acq: 22 Apr 2015 4:31

Instrument :

BNA_G

ClientSampleId :

TRC-MW2

Tot Ion: 264 Resp: 302289

Ion Ratio Lower Upper

264 100

260 24.6 21.4 32.2

265 22.4 18.7 28.1

