

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
 Data File : BG017448.D
 Acq On : 4 Jun 2015 18:58
 Operator : TP/IZ
 Sample : G2491-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW010-150601

Quant Time: Jun 05 04:17:01 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 03:51:43 2015
 Response via : Initial Calibration

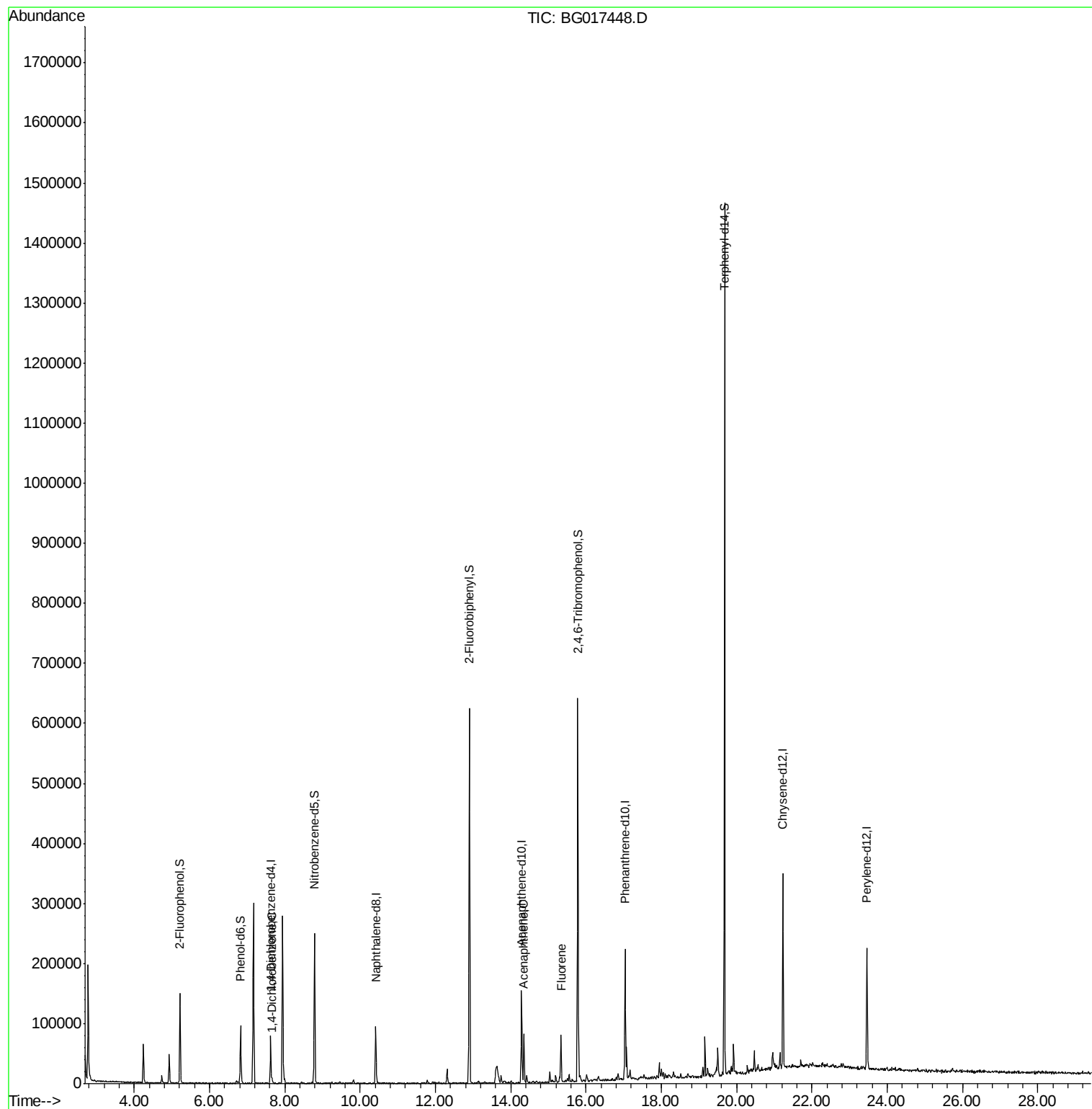
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	17116	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	69568	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	45318	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	109287	20.00	ng	0.00
75) Chrysene-d12	21.23	240	135636	20.00	ng	0.00
86) Perylene-d12	23.46	264	133832	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	50159	51.63	ng	0.00
7) Phenol-d6	6.83	99	40774	30.81	ng	0.00
23) Nitrobenzene-d5	8.79	82	120956	86.79	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	89479	142.16	ng	0.00
44) 2-Fluorobiphenyl	12.91	172	279205	92.94	ng	0.00
78) Terphenyl-d14	19.68	244	541310	82.48	ng	0.00
Target Compounds						
13) 1,4-Dichlorobenzene	7.66	146	3470	2.58	ng	Qvalue # 85
51) Acenaphthene	14.35	154	26951	9.37	ng	94
57) Fluorene	15.34	166	28575	7.43	ng	93

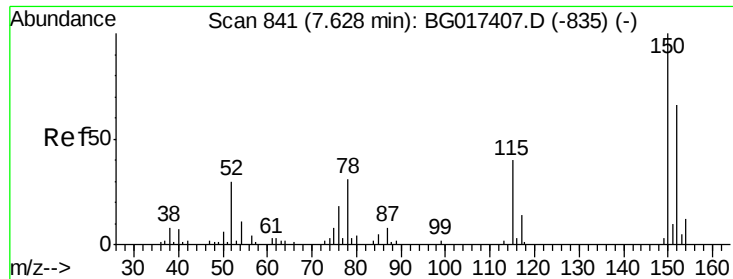
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017448.D
Acq On : 4 Jun 2015 18:58
Operator : TP/IZ
Sample : G2491-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS043MW010-150601

Quant Time: Jun 05 04:17:01 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 03:51:43 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.62 min Scan# 840

Delta R.T. 0.00 min

Lab File: BG017448.D

Acq: 4 Jun 2015 18:58

Instrument :

BNA_G

ClientSampleId :

SS043MW010-150601

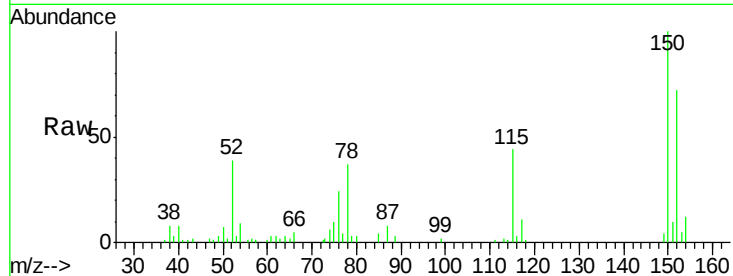
Tgt Ion:152 Resp: 17116

Ion Ratio Lower Upper

152 100

150 139.1 121.7 182.5

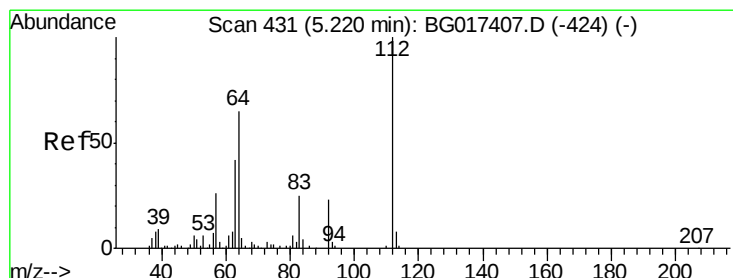
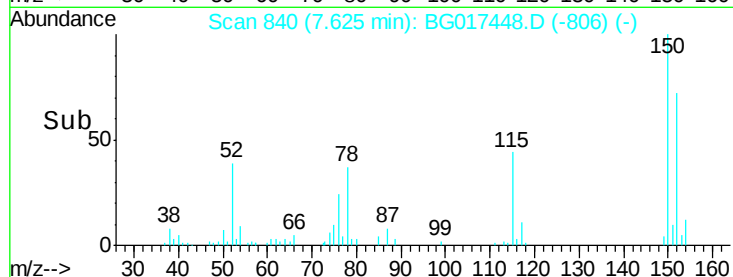
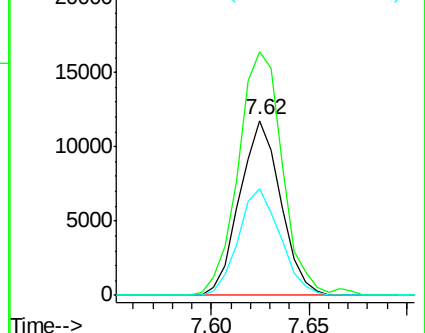
115 61.2 48.6 73.0



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: 51.63 ng

RT: 5.22 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG017448.D

Acq: 4 Jun 2015 18:58

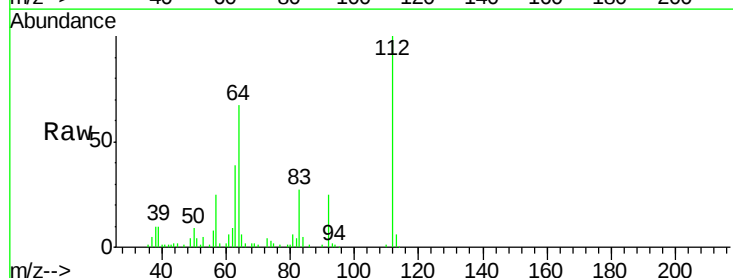
Tgt Ion:112 Resp: 50159

Ion Ratio Lower Upper

112 100

64 66.6 51.6 77.4

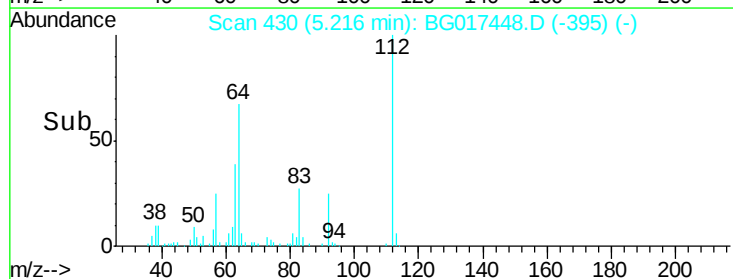
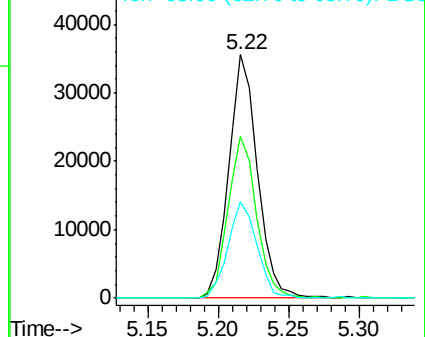
63 39.4 33.3 49.9



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: 30.81 ng

RT: 6.83 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG017448.D

Acq: 4 Jun 2015 18:58

Instrument :

BNA_G

ClientSampleId :

SS043MW010-150601

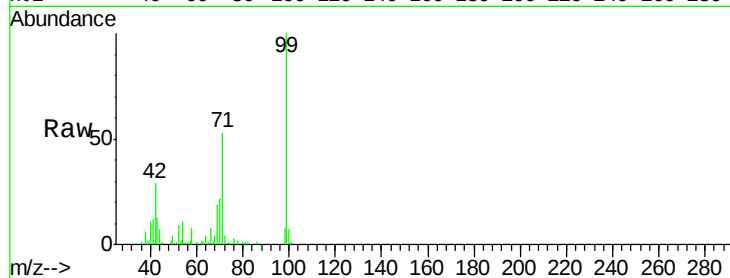
Tgt Ion: 99 Resp: 40774

Ion Ratio Lower Upper

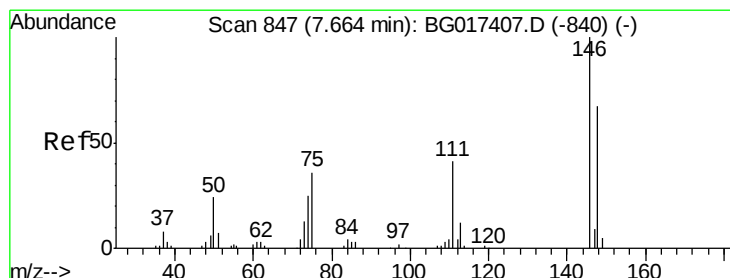
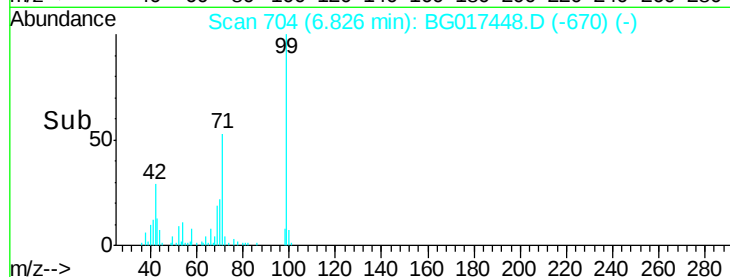
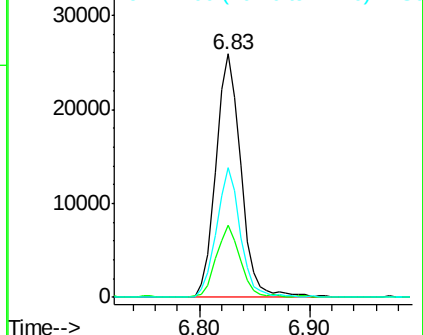
99 100

42 29.5 21.0 31.6

71 53.1 37.2 55.8



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



#13

1,4-Dichlorobenzene

Concen: 2.58 ng

RT: 7.66 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG017448.D

Acq: 4 Jun 2015 18:58

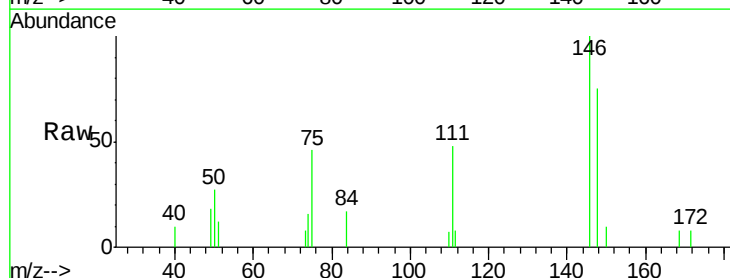
Tgt Ion: 146 Resp: 3470

Ion Ratio Lower Upper

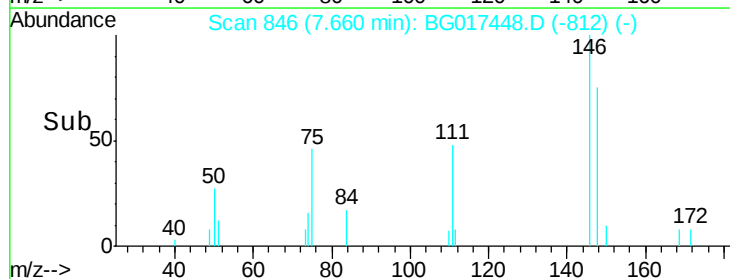
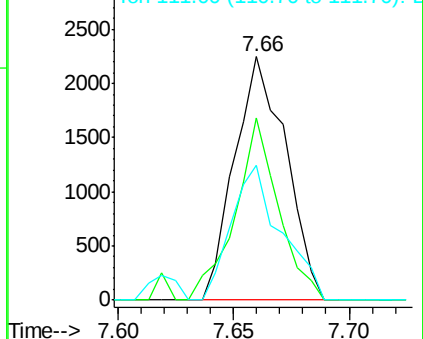
146 100

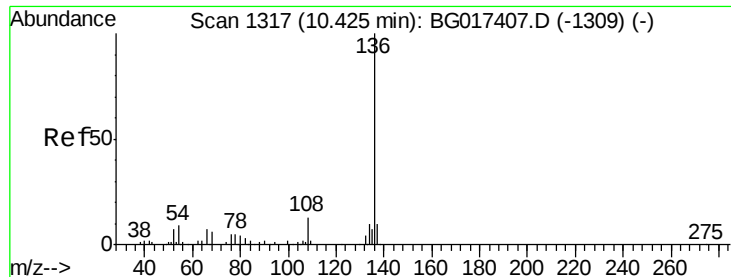
148 74.9 53.2 79.8

111 55.5 33.2 49.8#



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 111.00 (110.70 to 111.70): BGC

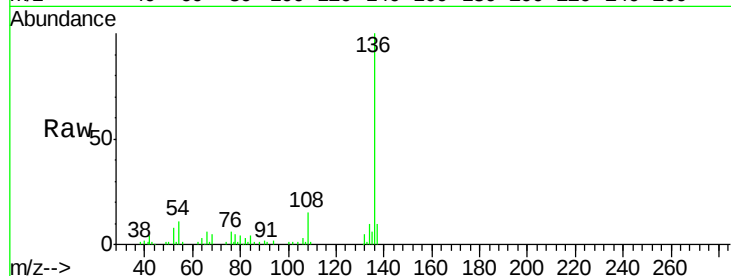




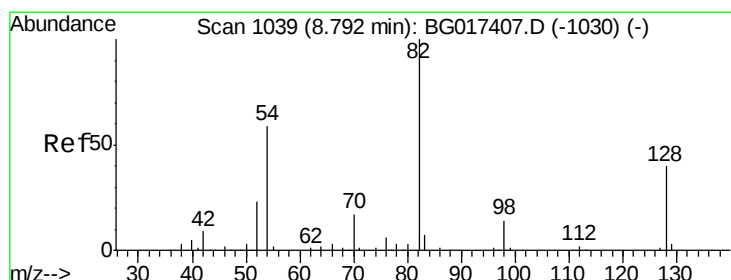
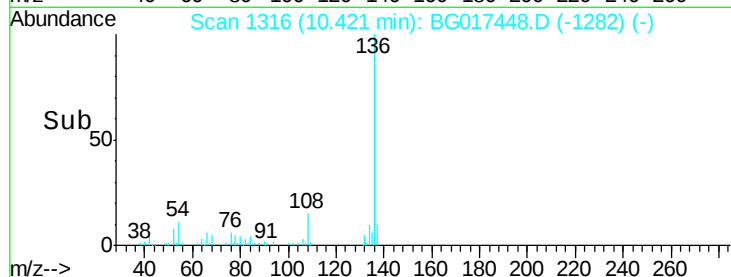
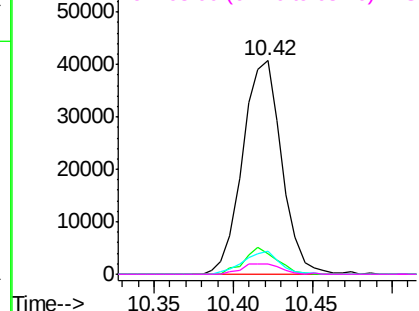
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.42 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG017448.D
Acq: 4 Jun 2015 18:58

Instrument :
BNA_G
ClientSampleId :
SS043MW010-150601

Tgt Ion:	136	Resp:	69568
Ion	Ratio	Lower	Upper
136	100		
137	9.7	7.9	11.9
54	10.6	7.2	10.8
68	4.6	4.5	6.7

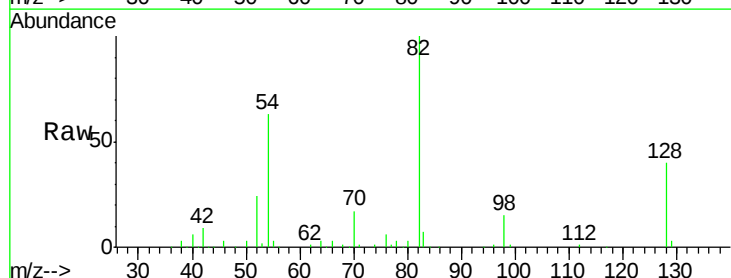


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

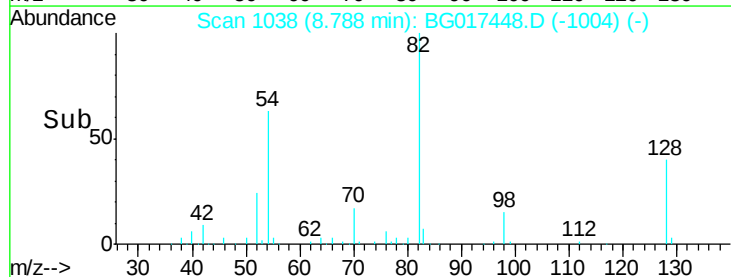
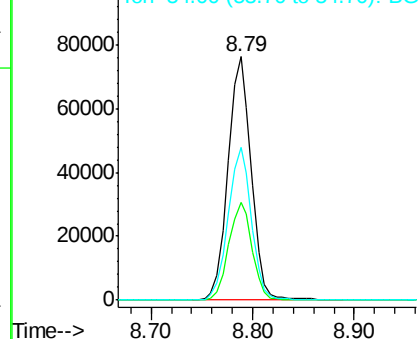


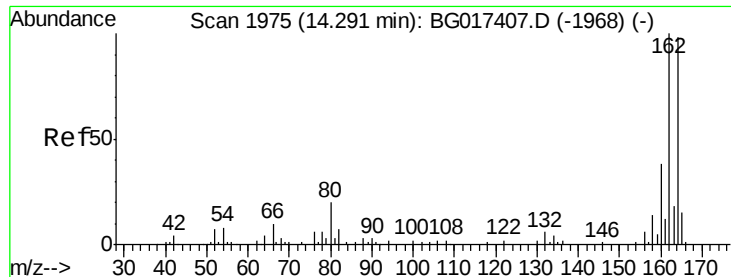
#23
Nitrobenzene-d5
Concen: 86.79 ng
RT: 8.79 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG017448.D
Acq: 4 Jun 2015 18:58

Tgt Ion:	82	Resp:	120956
Ion	Ratio	Lower	Upper
82	100		
128	39.9	32.2	48.4
54	62.9	47.4	71.2



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.29 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BG017448.D

Acq: 4 Jun 2015 18:58

Instrument :

BNA_G

ClientSampleId :

SS043MW010-150601

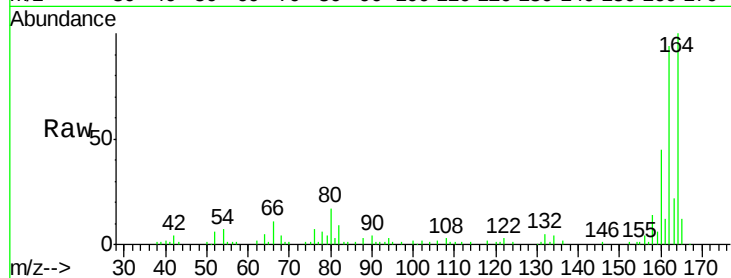
Tgt Ion:164 Resp: 45318

Ion Ratio Lower Upper

164 100

162 94.0 81.8 122.6

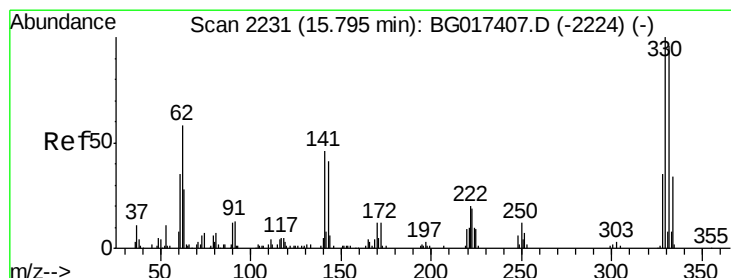
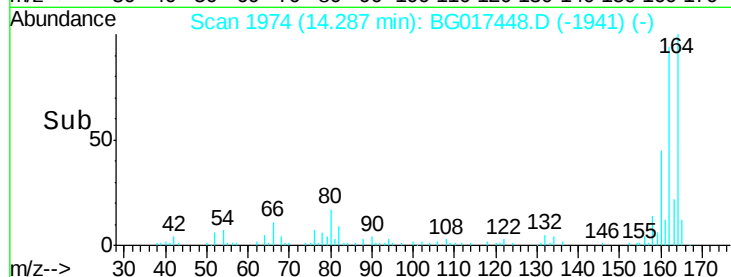
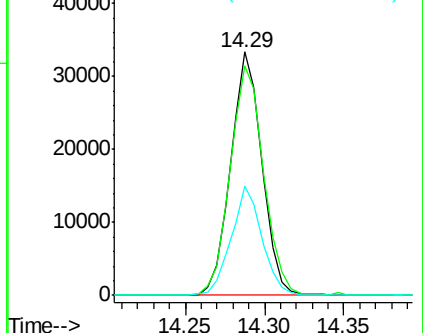
160 44.7 31.0 46.4



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: 142.16 ng

RT: 15.79 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG017448.D

Acq: 4 Jun 2015 18:58

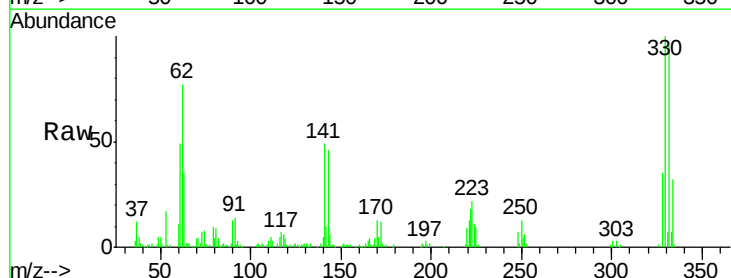
Tgt Ion:330 Resp: 89479

Ion Ratio Lower Upper

330 100

332 93.4 75.9 113.9

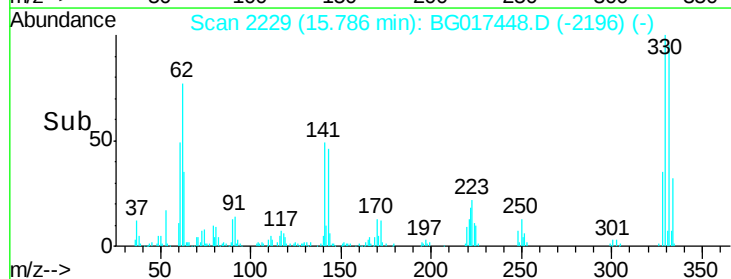
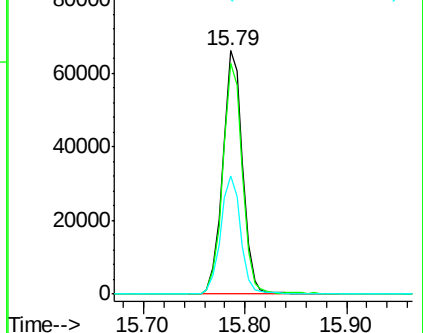
141 49.4 40.2 60.4

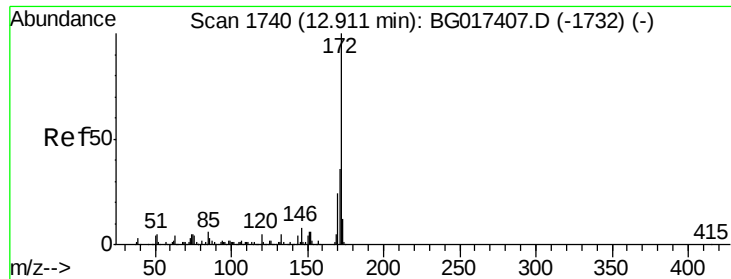


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 92.94 ng

RT: 12.91 min Scan# 1739

Delta R.T. 0.00 min

Lab File: BG017448.D

Acq: 4 Jun 2015 18:58

Instrument :

BNA_G

ClientSampleId :

SS043MW010-150601

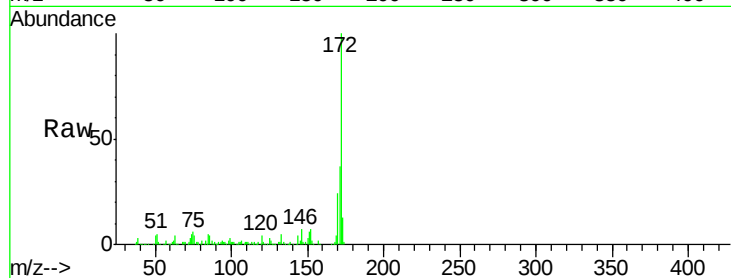
Tgt Ion:172 Resp: 279205

Ion Ratio Lower Upper

172 100

171 36.6 29.0 43.6

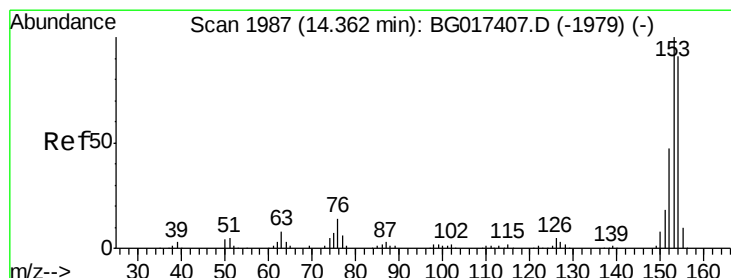
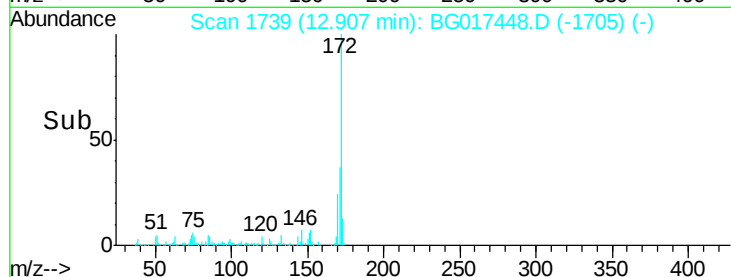
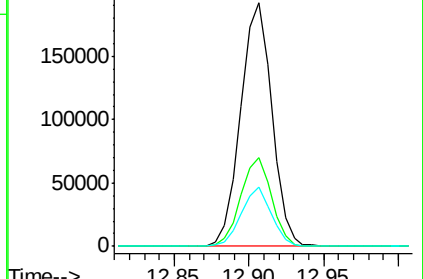
170 24.2 18.9 28.3



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



#51

Acenaphthene

Concen: 9.37 ng

RT: 14.35 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BG017448.D

Acq: 4 Jun 2015 18:58

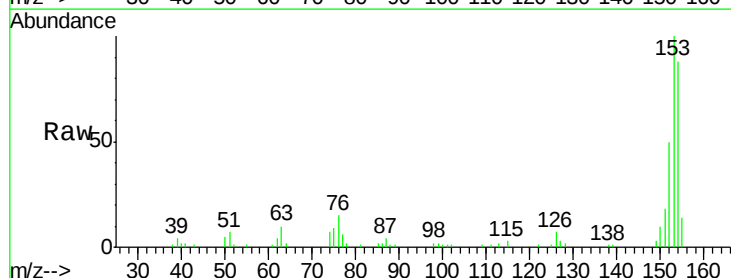
Tgt Ion:154 Resp: 26951

Ion Ratio Lower Upper

154 100

153 113.9 87.7 131.5

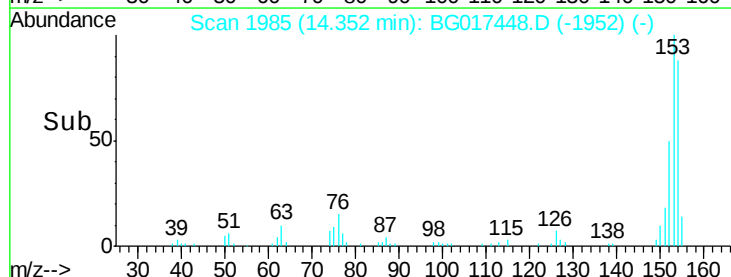
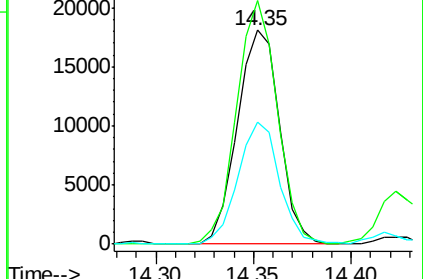
152 57.3 40.8 61.2

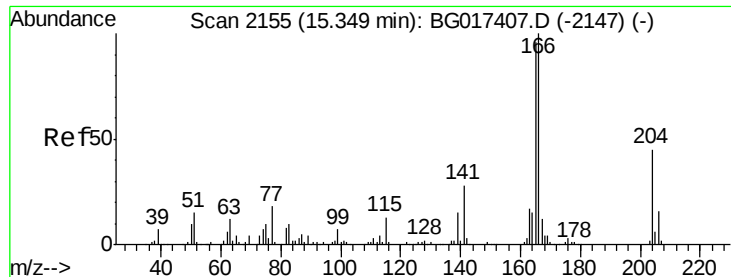


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

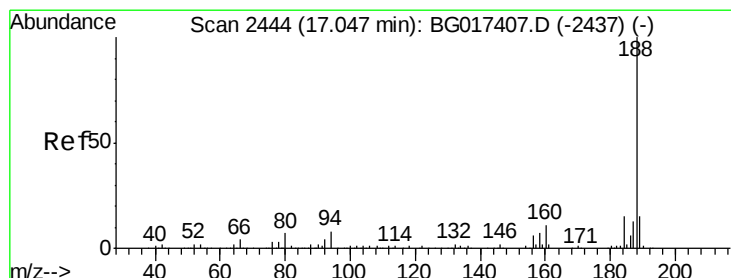
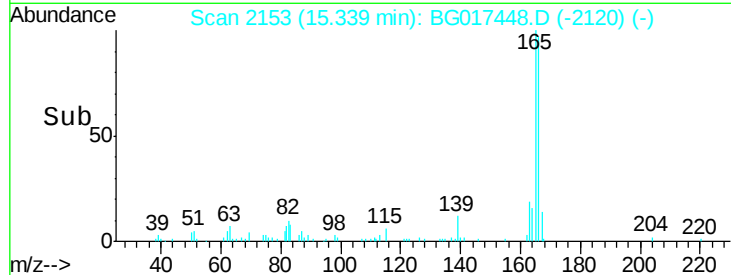
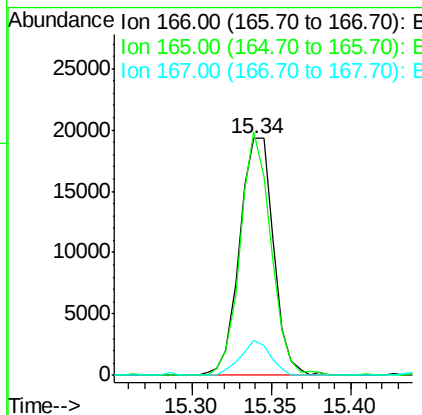
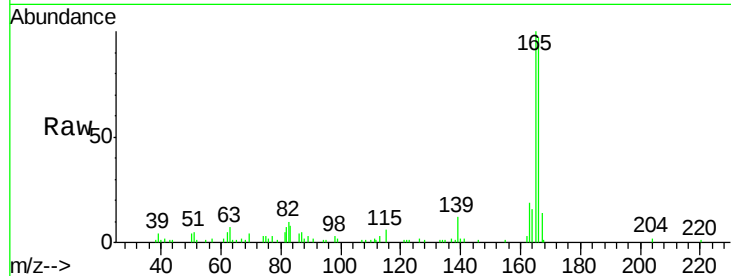




#57
Fluorene
 Concen: 7.43 ng
 RT: 15.34 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: BG017448.D
 Acq: 4 Jun 2015 18:58

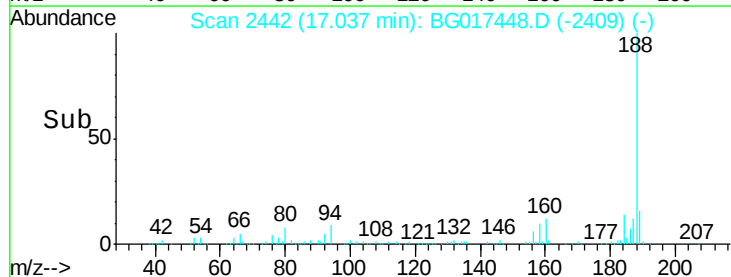
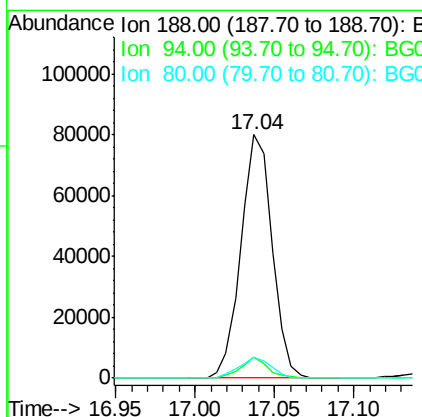
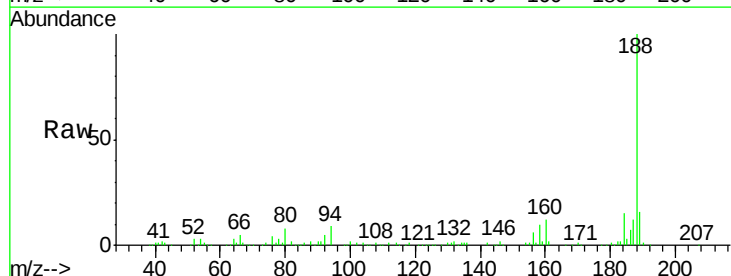
Instrument :
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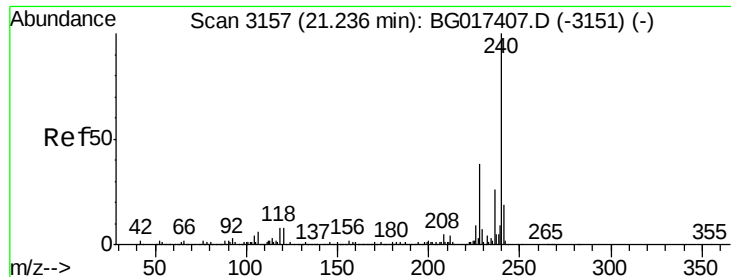
Tgt Ion:166 Resp: 28575
 Ion Ratio Lower Upper
 166 100
 165 102.8 76.8 115.2
 167 14.5 9.9 14.9



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.04 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BG017448.D
 Acq: 4 Jun 2015 18:58

Tgt Ion:188 Resp: 109287
 Ion Ratio Lower Upper
 188 100
 94 8.6 6.3 9.5
 80 8.4 5.2 7.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.23 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG017448.D

Acq: 4 Jun 2015 18:58

Instrument :

BNA_G

ClientSampleId :

SS043MW010-150601

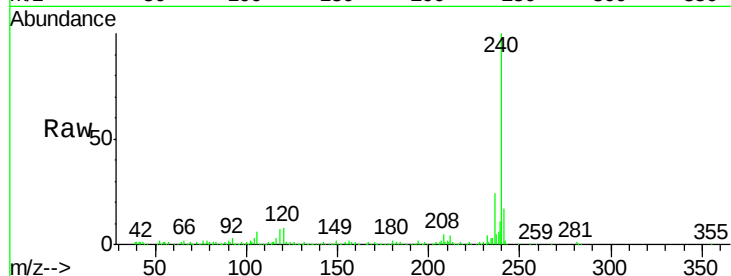
Tgt Ion:240 Resp: 135636

Ion Ratio Lower Upper

240 100

120 7.7 6.5 9.7

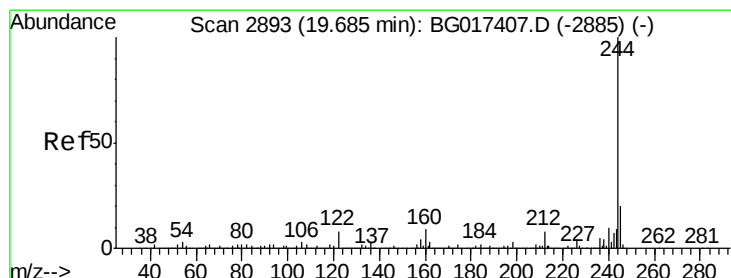
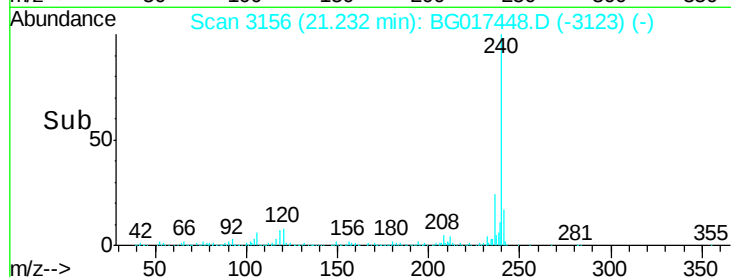
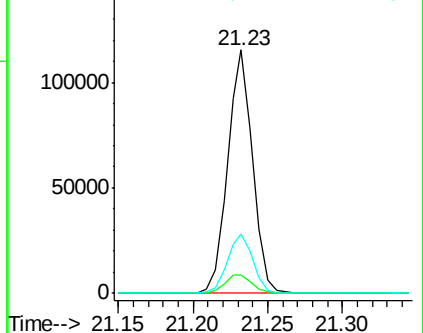
236 24.1 20.8 31.2



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: 82.48 ng

RT: 19.68 min Scan# 2892

Delta R.T. 0.00 min

Lab File: BG017448.D

Acq: 4 Jun 2015 18:58

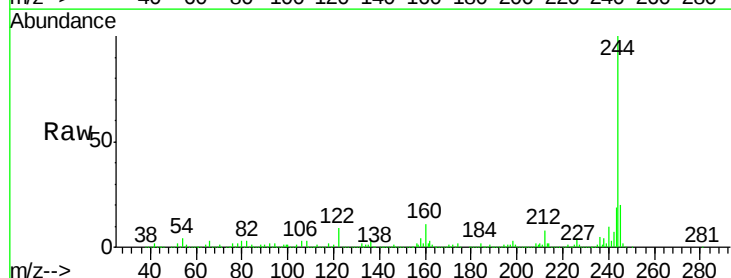
Tgt Ion:244 Resp: 541310

Ion Ratio Lower Upper

244 100

212 8.3 6.4 9.6

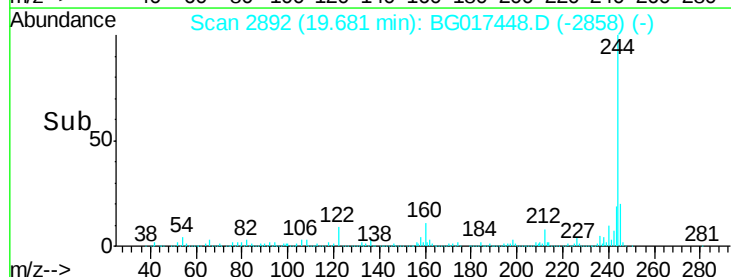
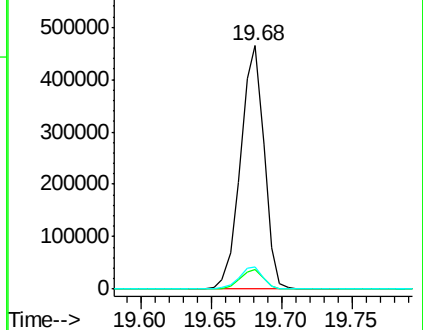
122 9.3 6.6 10.0

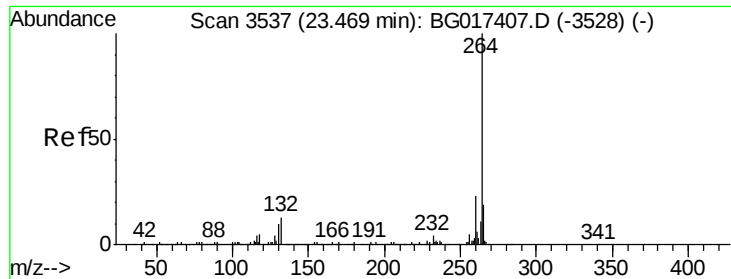


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

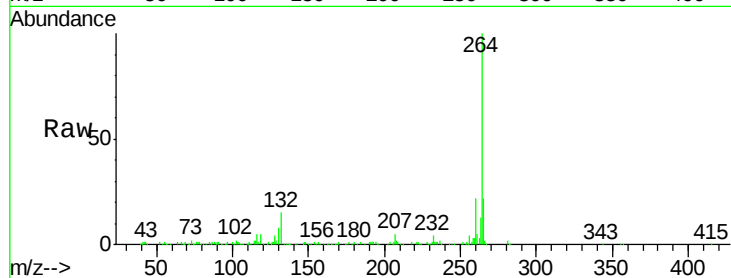




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.46 min Scan# 3536
Delta R.T. -0.00 min
Lab File: BG017448.D
Acq: 4 Jun 2015 18:58

Instrument :
BNA_G
ClientSampleId :
SS043MW010-150601

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.4
265	22.3	15.8	23.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

