

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061115\
 Data File : BG017617.D
 Acq On : 11 Jun 2015 19:52
 Operator : TP/IZ
 Sample : G2522-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-6

Quant Time: Jun 12 01:24:06 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 01:16:03 2015
 Response via : Initial Calibration

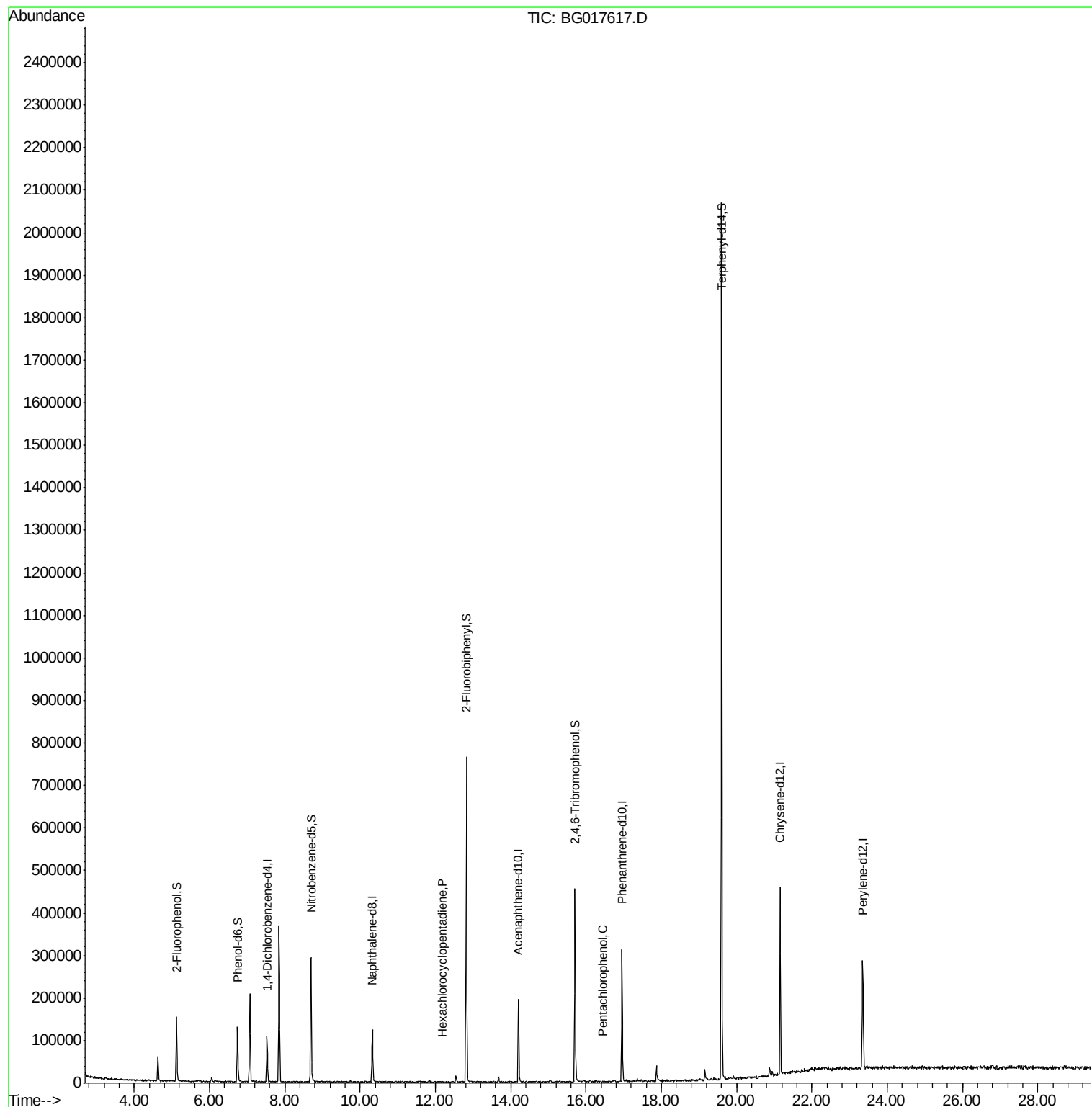
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	23416	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	83249	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	61410	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	164011	20.00	ng	0.00
75) Chrysene-d12	21.16	240	204649	20.00	ng	0.00
86) Perylene-d12	23.35	264	180024	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	50196	37.77	ng	0.01
7) Phenol-d6	6.74	99	49712	27.45	ng	0.00
23) Nitrobenzene-d5	8.70	82	143289	85.92	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	60711	71.18	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	342423	84.11	ng	0.00
78) Terphenyl-d14	19.60	244	772413	78.01	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	12.19	237	61	6.86	ng	# 27
69) Pentachlorophenol	16.46	266	54	5.54	ng	# 22

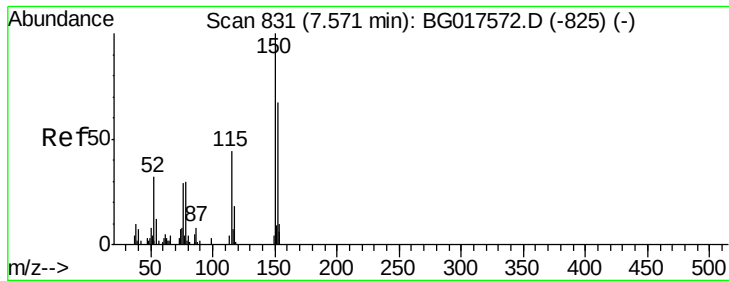
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 12 01:24:06 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 01:16:03 2015
Response via : Initial Calibration



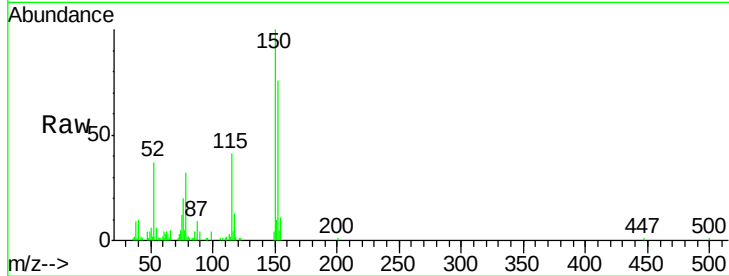


#1

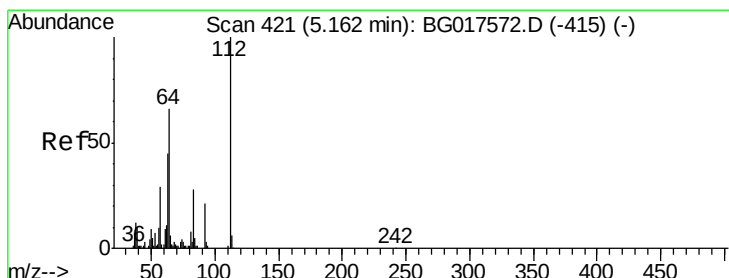
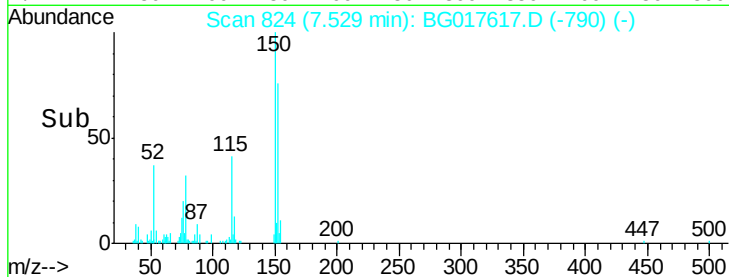
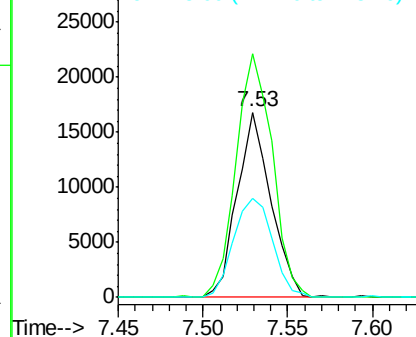
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.53 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG017617.D
Acq: 11 Jun 2015 19:52

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion:152 Resp: 23416
Ion Ratio Lower Upper
152 100
150 131.5 121.7 182.5
115 53.8 48.6 73.0



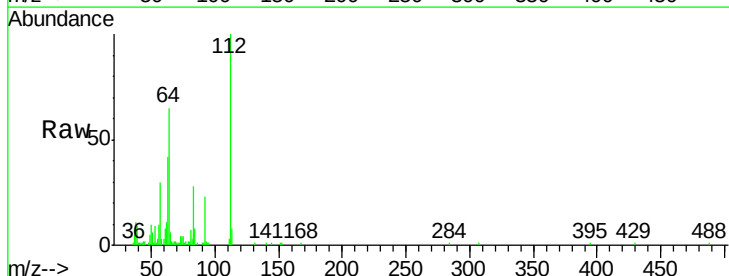
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



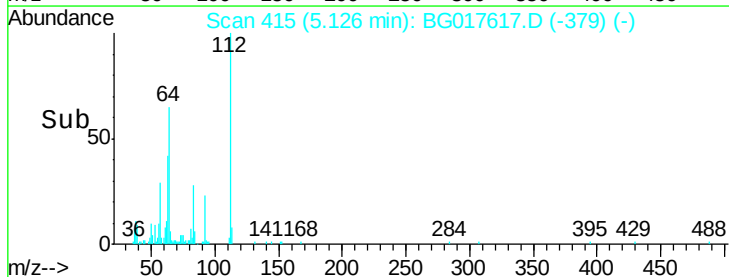
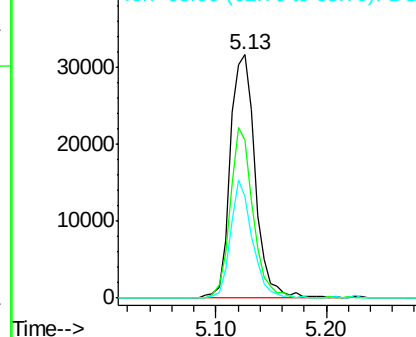
#5

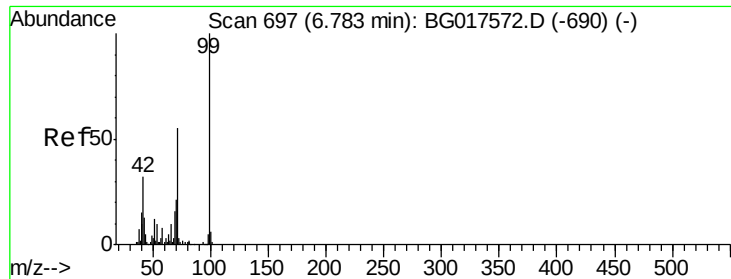
2-Fluorophenol
Concen: 37.77 ng
RT: 5.13 min Scan# 415
Delta R.T. 0.01 min
Lab File: BG017617.D
Acq: 11 Jun 2015 19:52

Tgt Ion:112 Resp: 50196
Ion Ratio Lower Upper
112 100
64 65.0 51.6 77.4
63 41.8 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: 27.45 ng

RT: 6.74 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG017617.D

Acq: 11 Jun 2015 19:52

Instrument :

BNA_G

ClientSampleId :

MW-6

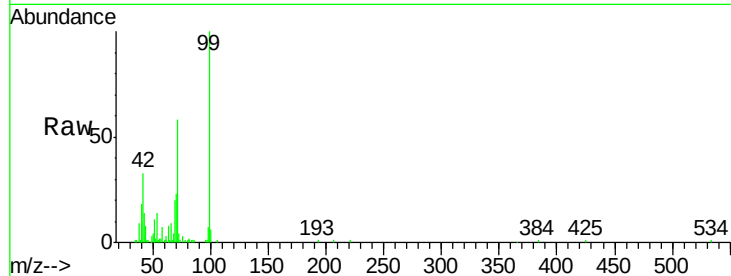
Tgt Ion: 99 Resp: 49712

Ion Ratio Lower Upper

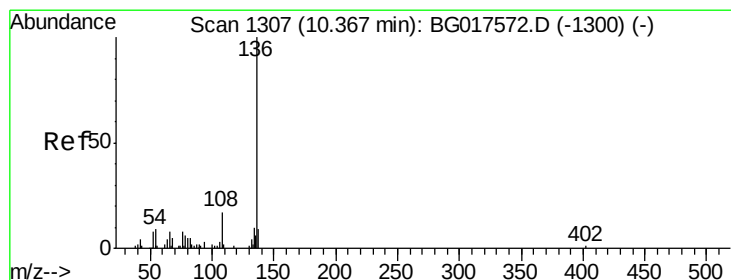
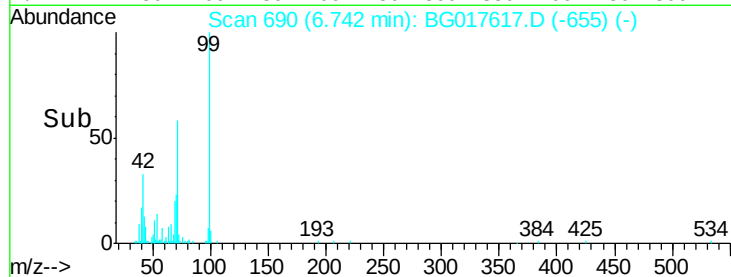
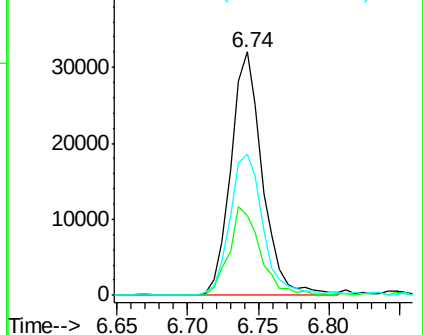
99 100

42 32.8 21.0 31.6#

71 58.1 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.33 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BG017617.D

Acq: 11 Jun 2015 19:52

Tgt Ion: 136 Resp: 83249

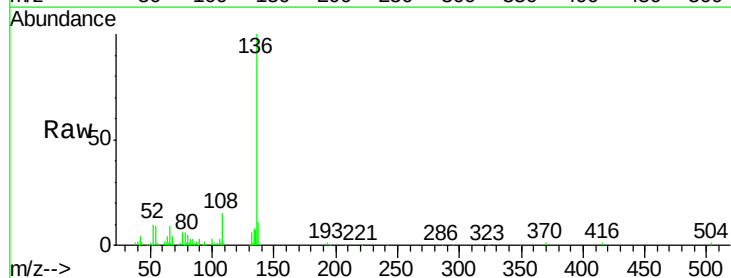
Ion Ratio Lower Upper

136 100

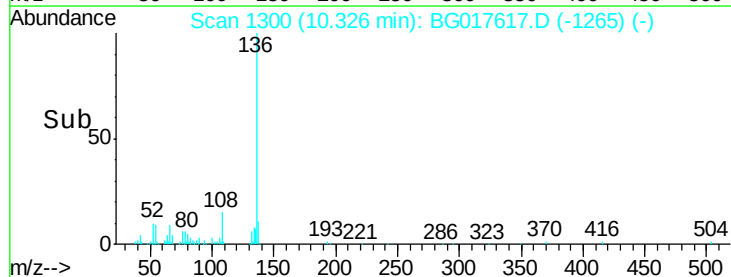
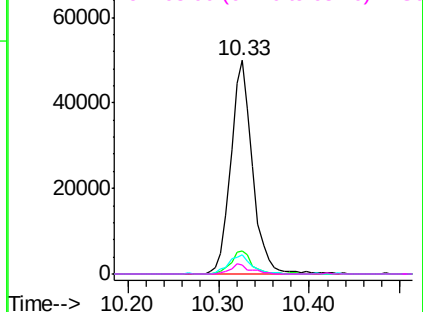
137 10.6 7.9 11.9

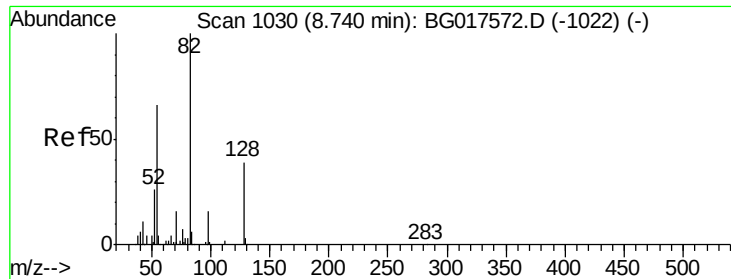
54 9.1 7.2 10.8

68 4.3 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

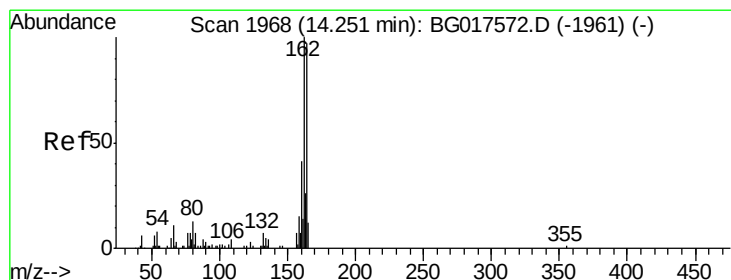
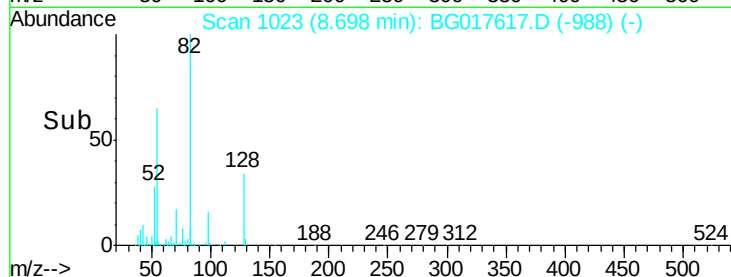
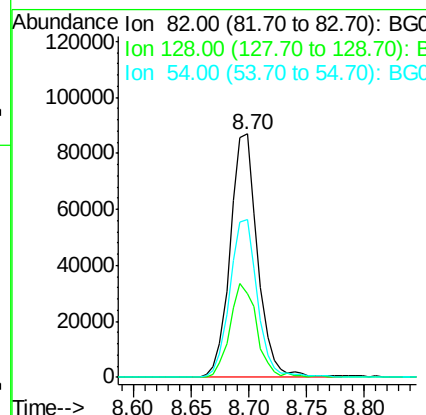
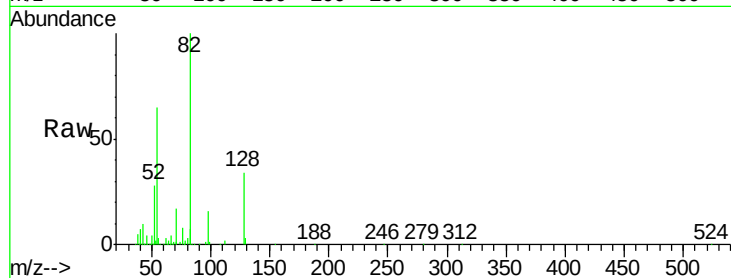




#23
 Nitrobenzene-d5
 Concen: 85.92 ng
 RT: 8.70 min Scan# 1023
 Delta R.T. 0.01 min
 Lab File: BG017617.D
 Acq: 11 Jun 2015 19:52

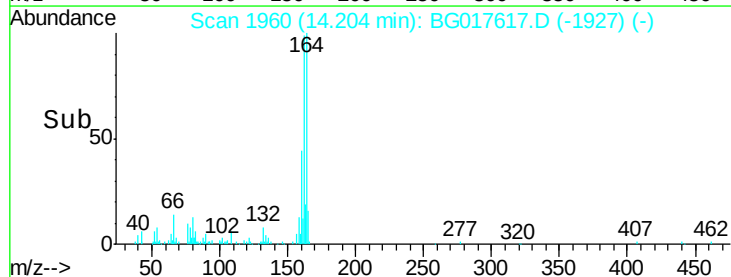
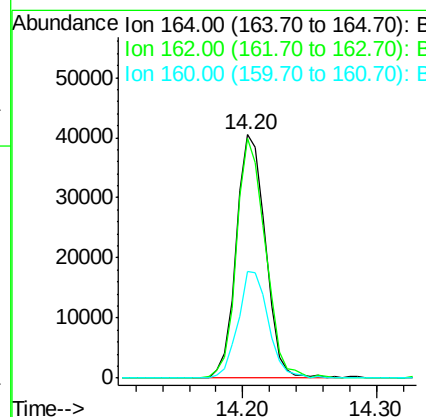
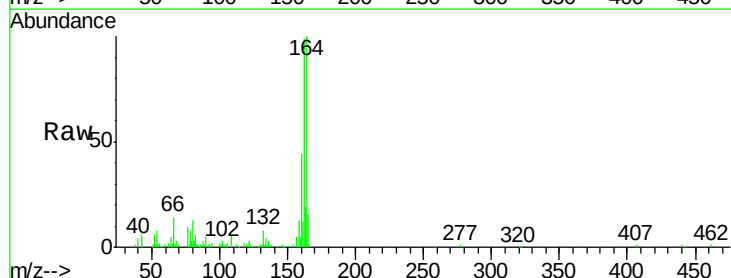
Instrument :
 BNA_G
 ClientSampleId :
 MW-6

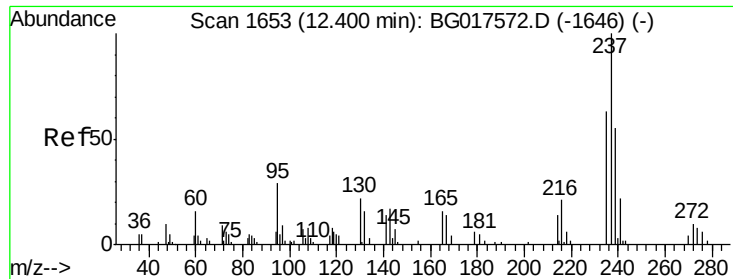
Tgt Ion: 82 Resp: 143289
 Ion Ratio Lower Upper
 82 100
 128 34.2 32.2 48.4
 54 64.7 47.4 71.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.20 min Scan# 1960
 Delta R.T. -0.01 min
 Lab File: BG017617.D
 Acq: 11 Jun 2015 19:52

Tgt Ion: 164 Resp: 61410
 Ion Ratio Lower Upper
 164 100
 162 98.7 81.8 122.6
 160 43.8 31.0 46.4





#40

Hexachlorocyclopentadiene

Concen: 6.86 ng

RT: 12.19 min Scan# 1617

Delta R.T. -0.16 min

Lab File: BG017617.D

Acq: 11 Jun 2015 19:52

Instrument :

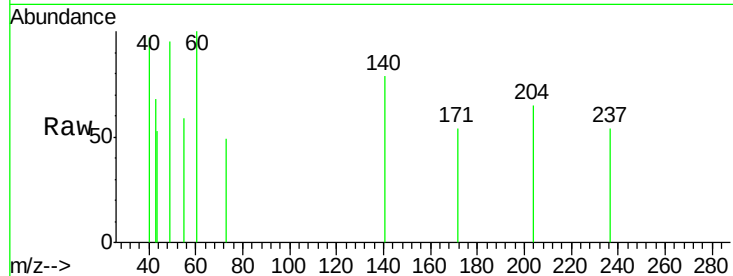
BNA_G

ClientSampleId :

MW-6

Tgt Ion: 237 Resp: 61

Ion	Ratio	Lower	Upper
237	100		
235	0.0	42.3	82.3#
272	0.0	0.0	31.2

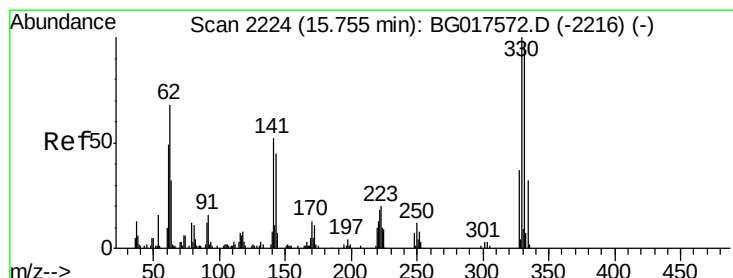
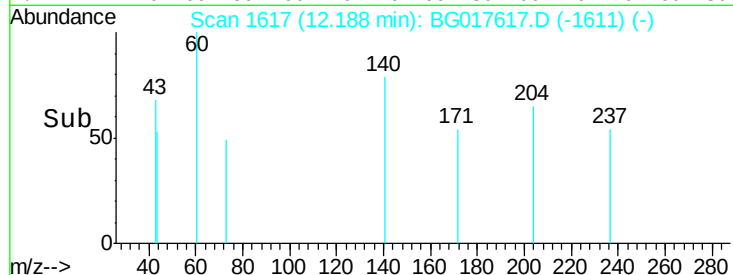
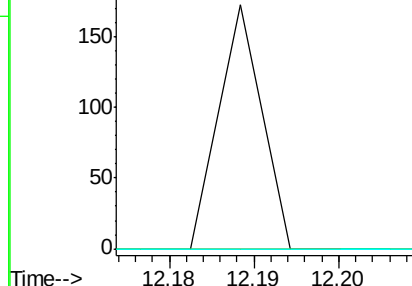


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

12.19



#41

2,4,6-Tribromophenol

Concen: 71.18 ng

RT: 15.71 min Scan# 2216

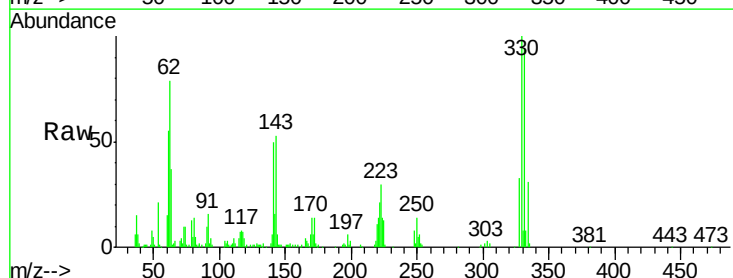
Delta R.T. -0.01 min

Lab File: BG017617.D

Acq: 11 Jun 2015 19:52

Tgt Ion: 330 Resp: 60711

Ion	Ratio	Lower	Upper
330	100		
332	92.9	75.9	113.9
141	51.8	40.2	60.4

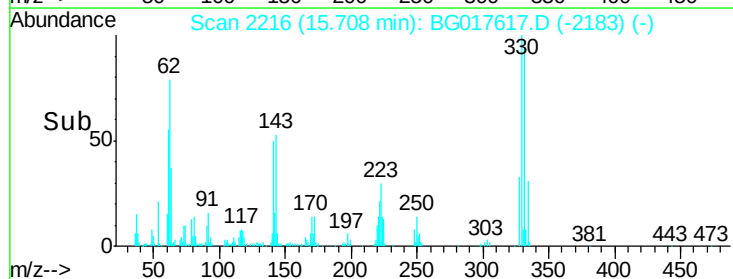
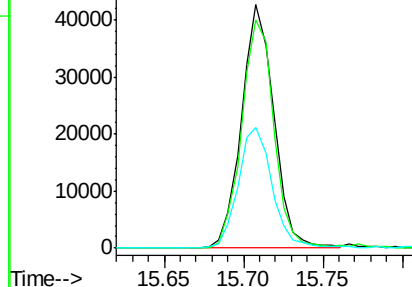


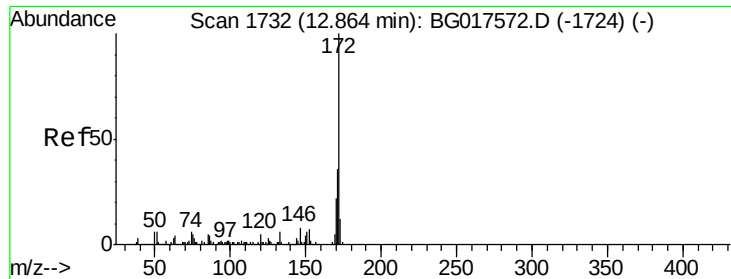
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

15.71





#44

2-Fluorobiphenyl

Concen: 84.11 ng

RT: 12.82 min Scan# 1725

Delta R.T. -0.00 min

Lab File: BG017617.D

Acq: 11 Jun 2015 19:52

Instrument :

BNA_G

ClientSampleId :

MW-6

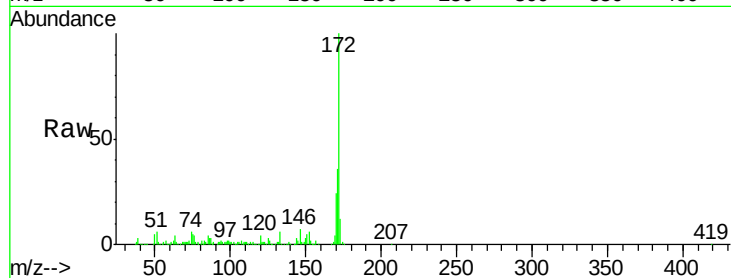
Tgt Ion:172 Resp: 342423

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.6

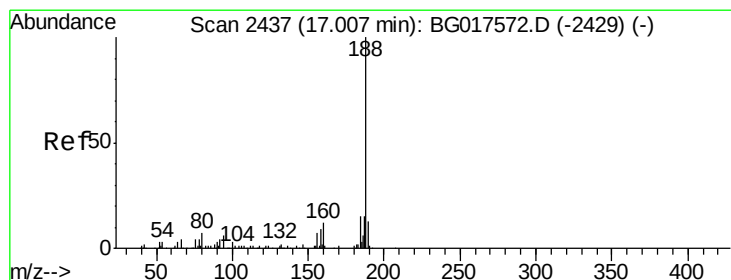
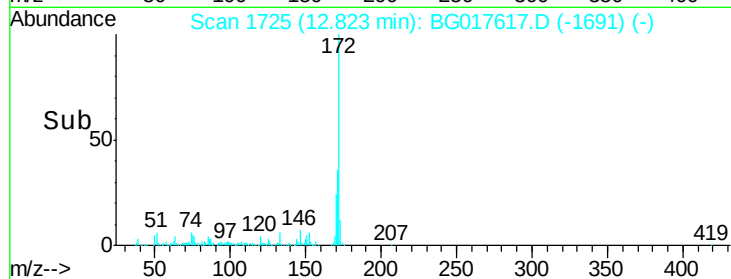
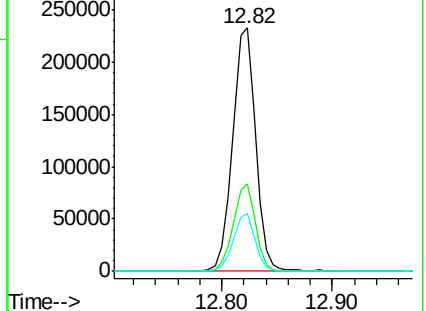
170 24.0 18.9 28.3



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.96 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BG017617.D

Acq: 11 Jun 2015 19:52

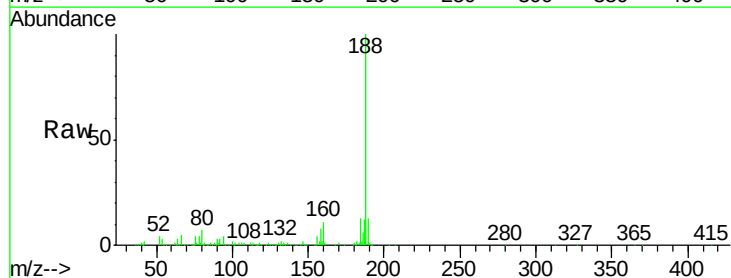
Tgt Ion:188 Resp: 164011

Ion Ratio Lower Upper

188 100

94 4.5 6.3 9.5#

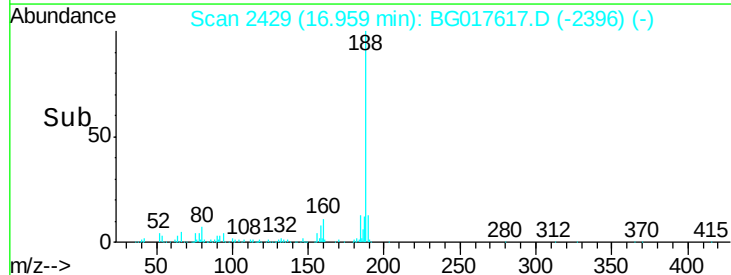
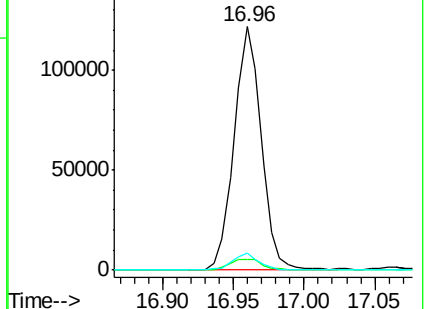
80 6.8 5.2 7.8

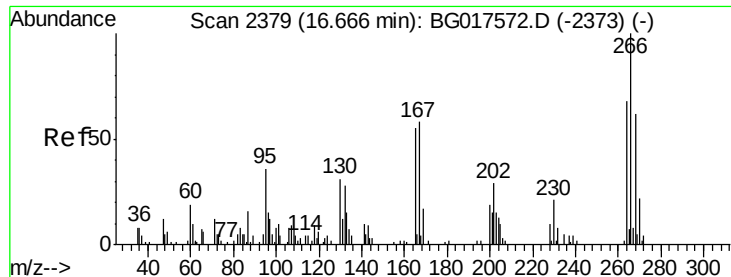


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

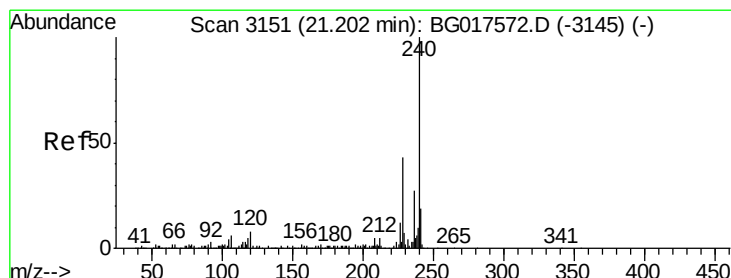
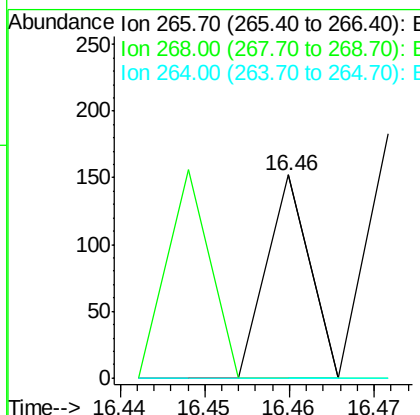
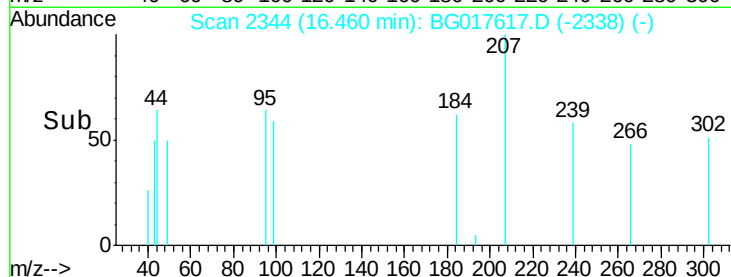
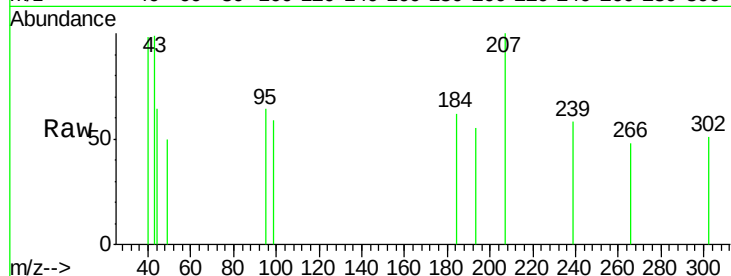




#69
 Pentachlorophenol
 Concen: 5.54 ng
 RT: 16.46 min Scan# 2344
 Delta R.T. -0.16 min
 Lab File: BG017617.D
 Acq: 11 Jun 2015 19:52

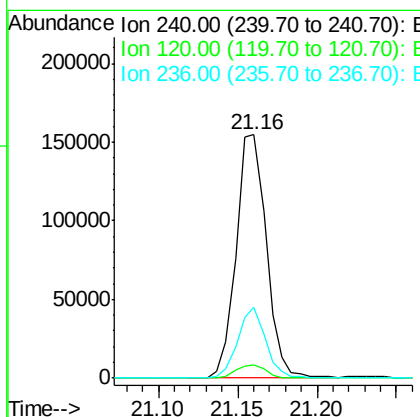
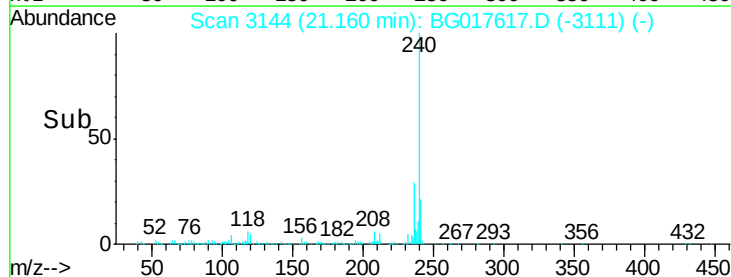
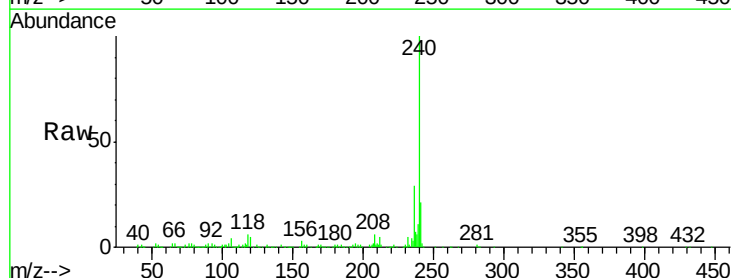
Instrument :
 BNA_G
 ClientSampleId :
 MW-6

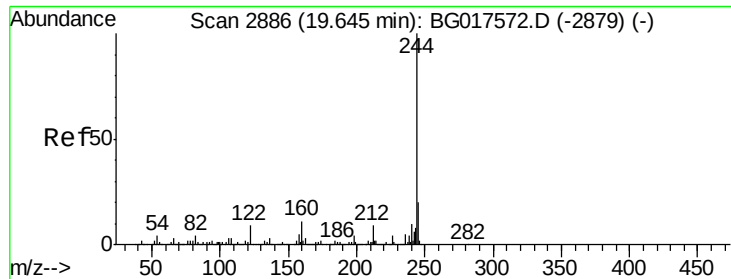
Tgt Ion: 266 Resp: 54
 Ion Ratio Lower Upper
 266 100
 268 0.0 47.0 70.6#
 264 0.0 45.7 68.5#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.16 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG017617.D
 Acq: 11 Jun 2015 19:52

Tgt Ion: 240 Resp: 204649
 Ion Ratio Lower Upper
 240 100
 120 5.3 6.5 9.7#
 236 28.9 20.8 31.2





#78

Terphenyl-d14

Concen: 78.01 ng

RT: 19.60 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG017617.D

Acq: 11 Jun 2015 19:52

Instrument :

BNA_G

ClientSampleId :

MW-6

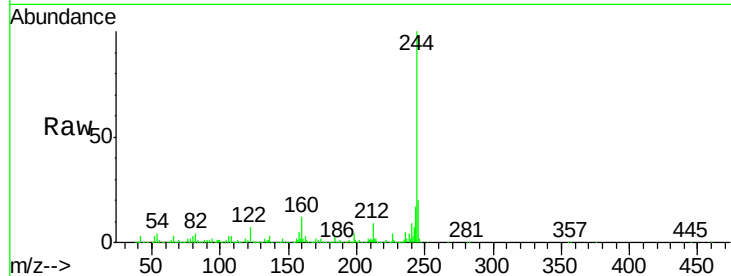
Tgt Ion:244 Resp: 772413

Ion Ratio Lower Upper

244 100

212 9.2 6.4 9.6

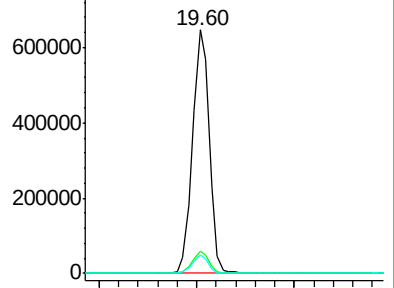
122 7.4 6.6 10.0



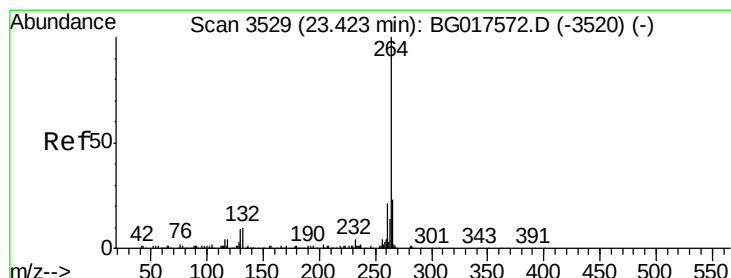
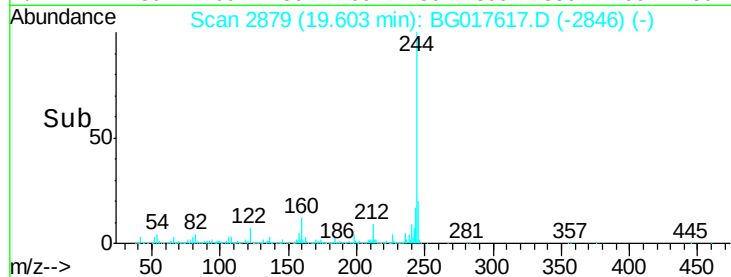
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.50 19.60 19.70



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.35 min Scan# 3517

Delta R.T. -0.02 min

Lab File: BG017617.D

Acq: 11 Jun 2015 19:52

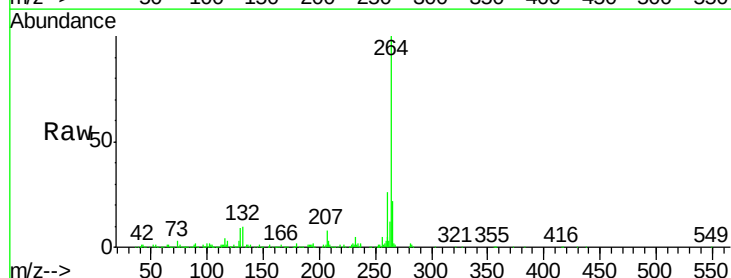
Tgt Ion:264 Resp: 180024

Ion Ratio Lower Upper

264 100

260 26.3 18.2 27.4

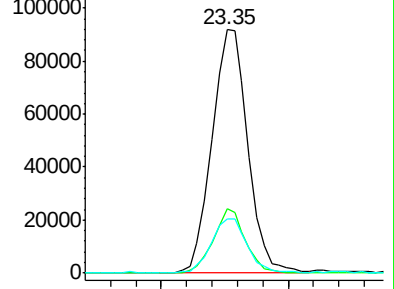
265 22.0 15.8 23.6



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



Time--> 23.30 23.40

