

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
 Data File : BG017560.D
 Acq On : 9 Jun 2015 5:28
 Operator : TP/IZ
 Sample : G2507-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PIER2-9(0-2)

Quant Time: Jun 09 06:23:05 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 02:10:45 2015
 Response via : Initial Calibration

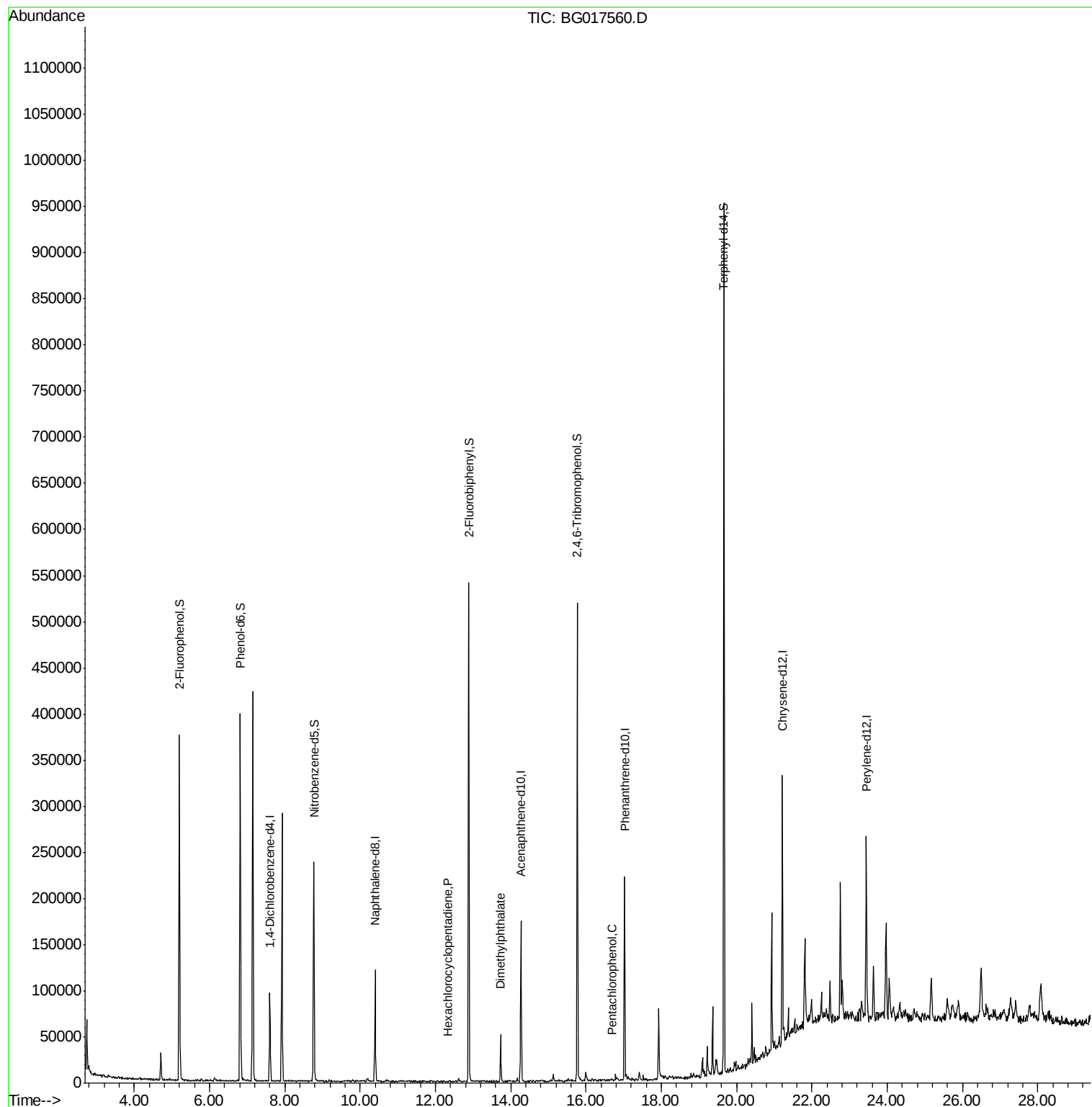
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	20088	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	84395	20.00	ng	0.00
38) Acenaphthene-d10	14.27	164	52289	20.00	ng	-0.02
63) Phenanthrene-d10	17.02	188	112127	20.00	ng	-0.02
75) Chrysene-d12	21.22	240	129922	20.00	ng	-0.02
86) Perylene-d12	23.45	264	132397	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	123914	108.68	ng	0.00
7) Phenol-d6	6.81	99	159506	102.69	ng	0.00
23) Nitrobenzene-d5	8.76	82	118152	69.89	ng	-0.01
41) 2,4,6-Tribromophenol	15.77	330	72238	99.46	ng	-0.01
44) 2-Fluorobiphenyl	12.89	172	239579	69.12	ng	-0.01
78) Terphenyl-d14	19.66	244	343101	54.58	ng	-0.02
Target Compounds						Qvalue
40) Hexachlorocyclopentadiene	12.34	237	68	6.88	ng	# 27
49) Dimethylphthalate	13.73	163	29859	6.56	ng	# 97
69) Pentachlorophenol	16.70	266	62	5.57	ng	# 22

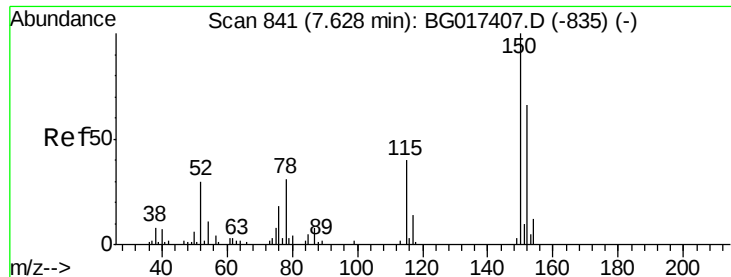
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017560.D
Acq On : 9 Jun 2015 5:28
Operator : TP/IZ
Sample : G2507-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PIER2-9(0-2)

Quant Time: Jun 09 06:23:05 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 09 02:10:45 2015
Response via : Initial Calibration



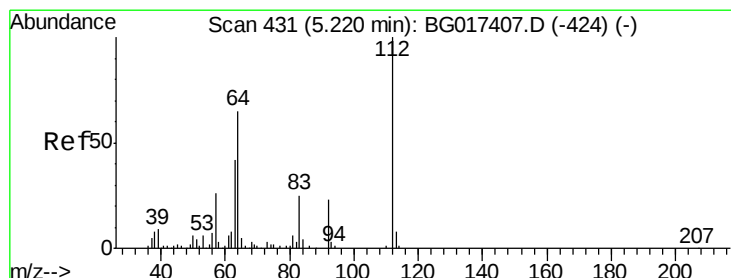
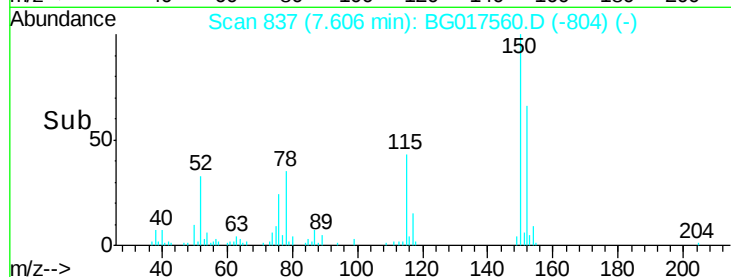
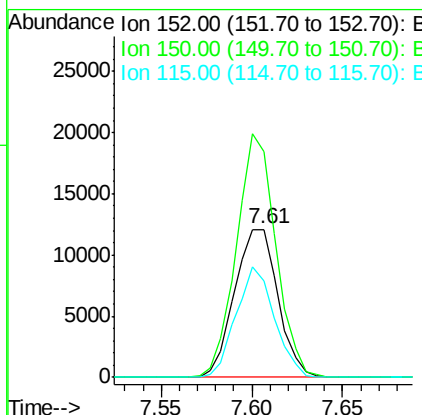
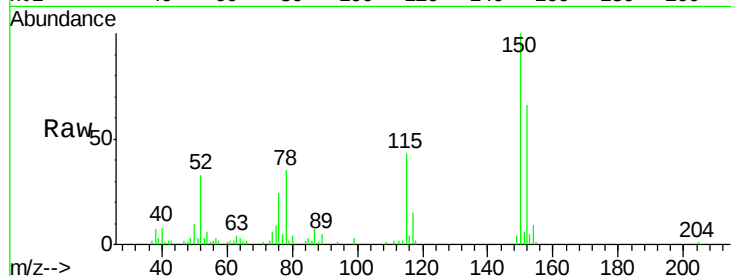


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG017560.D
Acq: 9 Jun 2015 5:28

Instrument :
BNA_G
ClientSampleId :
PIER2-9(0-2)

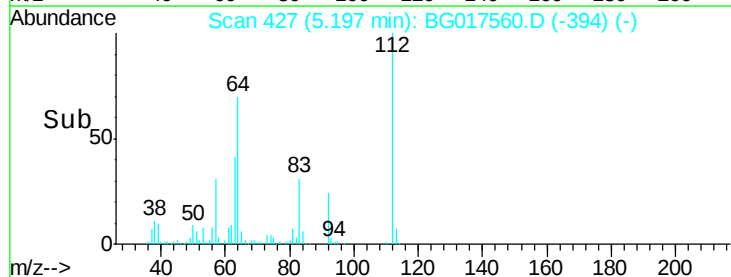
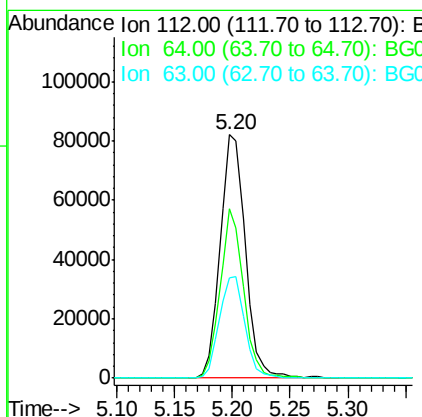
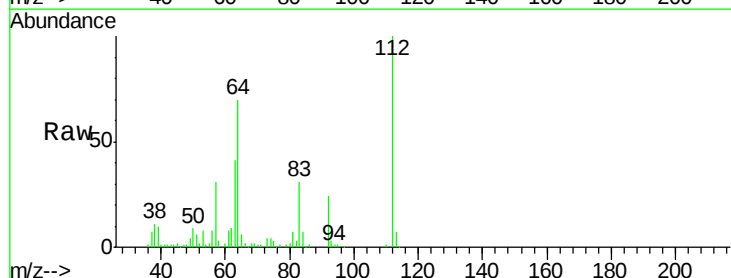
Tgt Ion:152 Resp: 20088
Ion Ratio Lower Upper
152 100
150 152.5 121.7 182.5
115 65.3 48.6 73.0



#5

2-Fluorophenol
Concen: 108.68 ng
RT: 5.20 min Scan# 427
Delta R.T. -0.01 min
Lab File: BG017560.D
Acq: 9 Jun 2015 5:28

Tgt Ion:112 Resp: 123914
Ion Ratio Lower Upper
112 100
64 69.8 51.6 77.4
63 41.3 33.3 49.9





#7

Phenol-d6

Concen: 102.69 ng

RT: 6.81 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG017560.D

Acq: 9 Jun 2015 5:28

Instrument :

BNA_G

ClientSampleId :

PIER2-9(0-2)

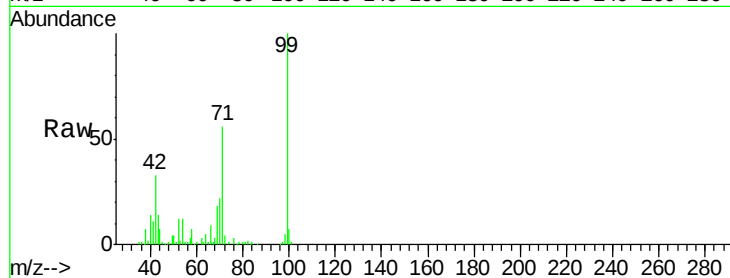
Tgt Ion: 99 Resp: 159506

Ion Ratio Lower Upper

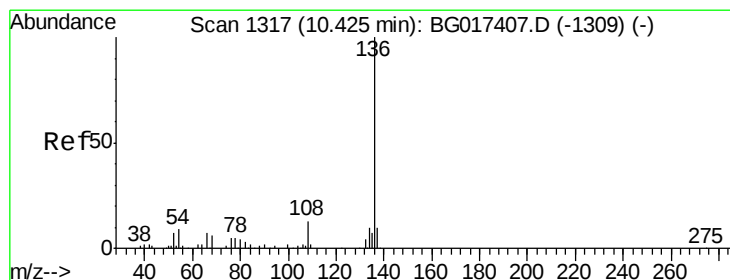
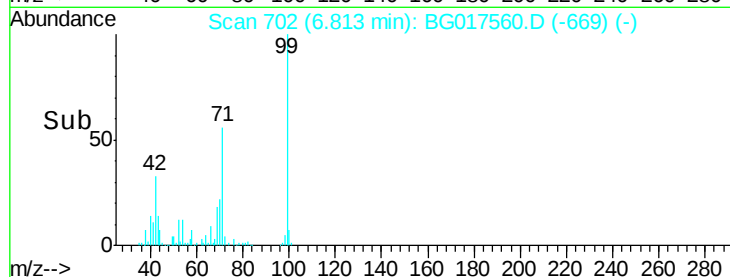
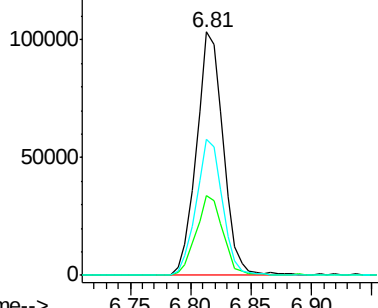
99 100

42 32.8 21.0 31.6#

71 55.9 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: 10.40 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BG017560.D

Acq: 9 Jun 2015 5:28

Tgt Ion: 136 Resp: 84395

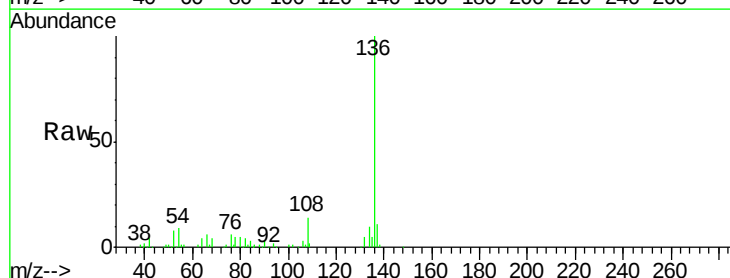
Ion Ratio Lower Upper

136 100

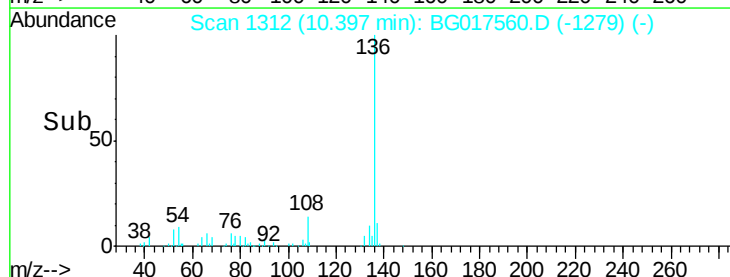
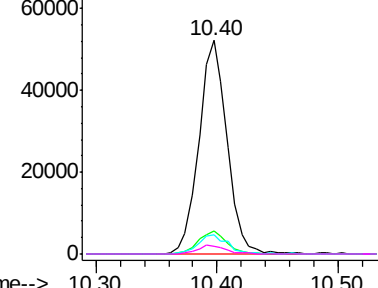
137 11.1 7.9 11.9

54 9.1 7.2 10.8

68 3.6 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: 69.89 ng

RT: 8.76 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BG017560.D

Acq: 9 Jun 2015 5:28

Instrument :

BNA_G

ClientSampleId :

PIER2-9(0-2)

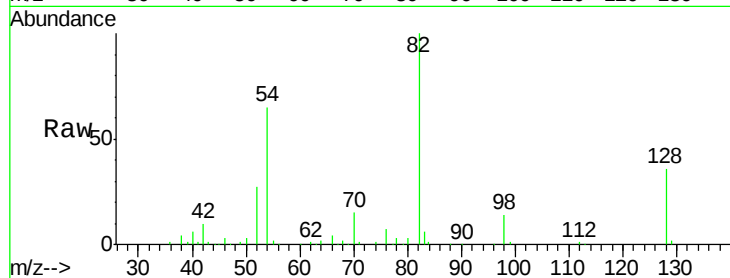
Tgt Ion: 82 Resp: 118152

Ion Ratio Lower Upper

82 100

128 35.9 32.2 48.4

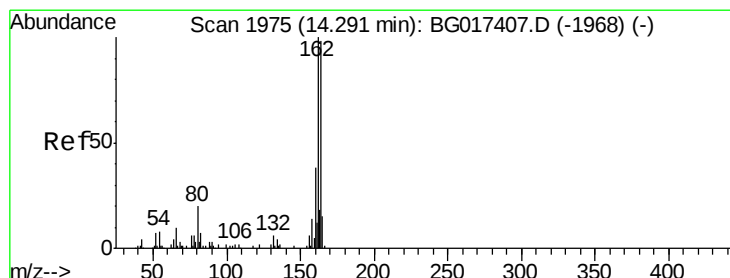
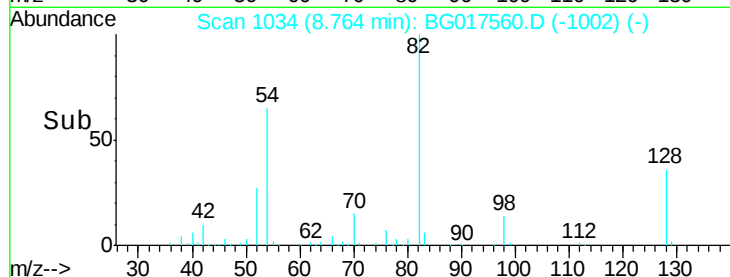
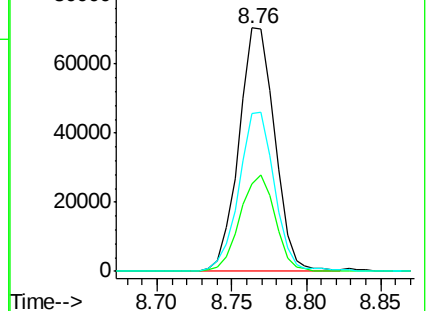
54 65.0 47.4 71.2



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: 14.27 min Scan# 1971

Delta R.T. -0.02 min

Lab File: BG017560.D

Acq: 9 Jun 2015 5:28

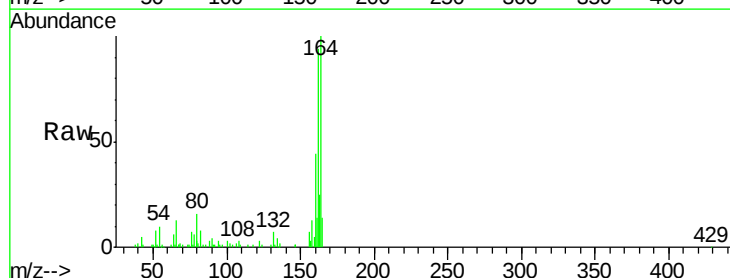
Tgt Ion: 164 Resp: 52289

Ion Ratio Lower Upper

164 100

162 94.1 81.8 122.6

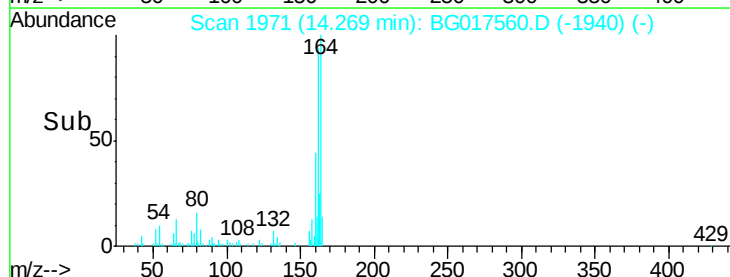
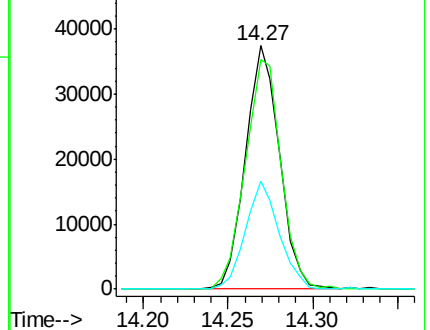
160 44.4 31.0 46.4

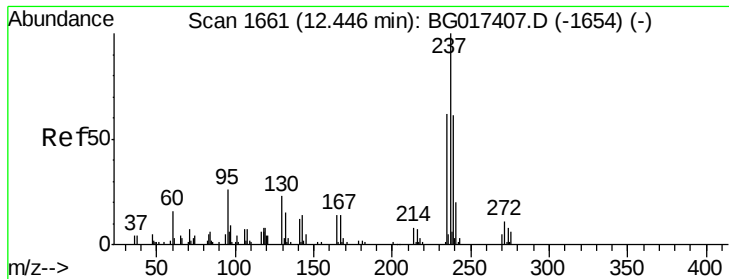


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

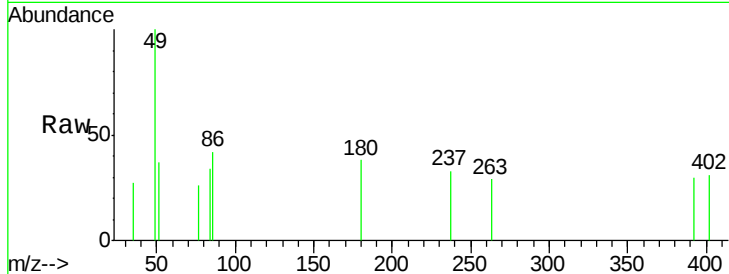




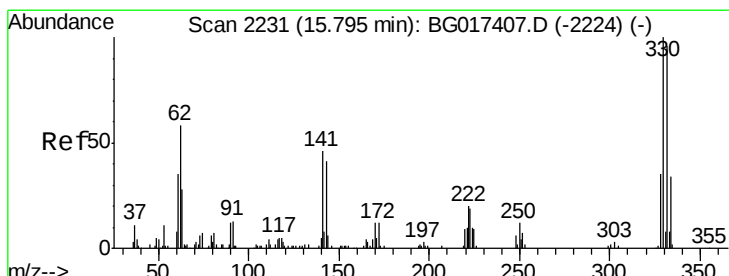
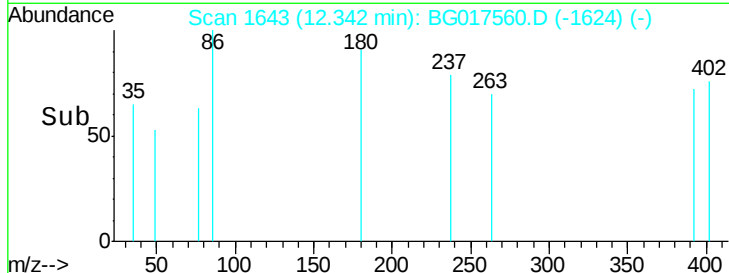
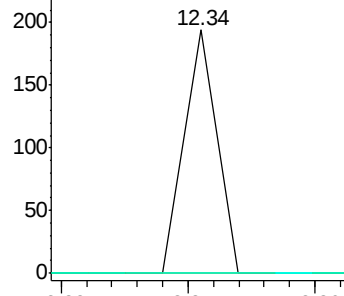
#40
Hexachlorocyclopentadiene
Concen: 6.88 ng
RT: 12.34 min Scan# 1643
Delta R.T. -0.09 min
Lab File: BG017560.D
Acq: 9 Jun 2015 5:28

Instrument :
BNA_G
ClientSampleId :
PIER2-9(0-2)

Tgt Ion: 237 Resp: 68
Ion Ratio Lower Upper
237 100
235 0.0 42.3 82.3#
272 0.0 0.0 31.2

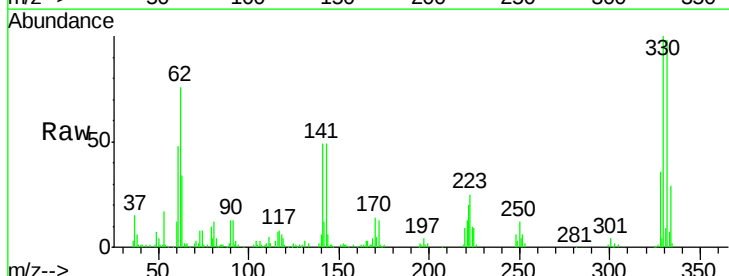


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

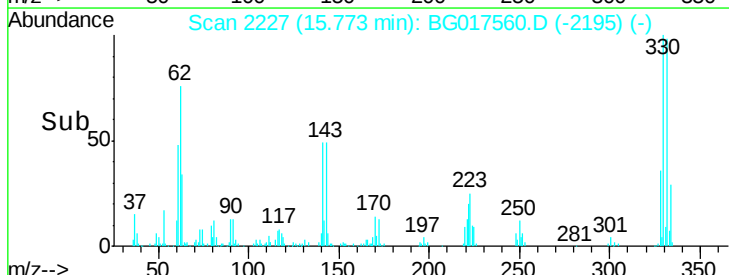
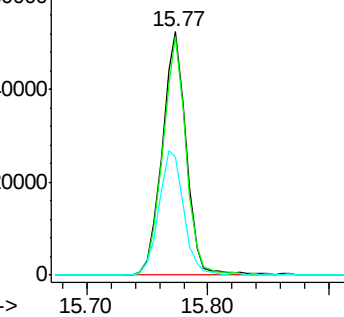


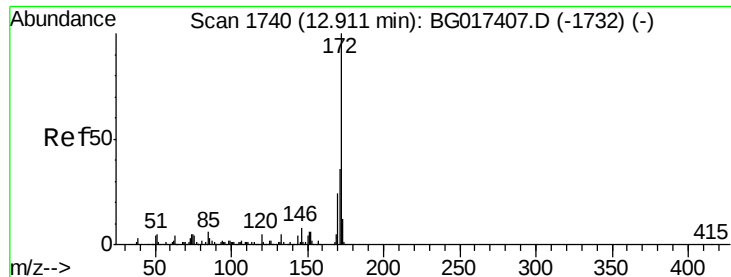
#41
2,4,6-Tribromophenol
Concen: 99.46 ng
RT: 15.77 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG017560.D
Acq: 9 Jun 2015 5:28

Tgt Ion: 330 Resp: 72238
Ion Ratio Lower Upper
330 100
332 94.9 75.9 113.9
141 52.7 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: 69.12 ng

RT: 12.89 min Scan# 1736

Delta R.T. -0.01 min

Lab File: BG017560.D

Acq: 9 Jun 2015 5:28

Instrument :

BNA_G

ClientSampleId :

PIER2-9(0-2)

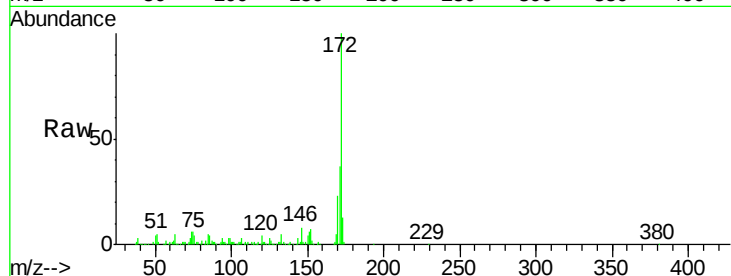
Tgt Ion:172 Resp: 239579

Ion Ratio Lower Upper

172 100

171 37.2 29.0 43.6

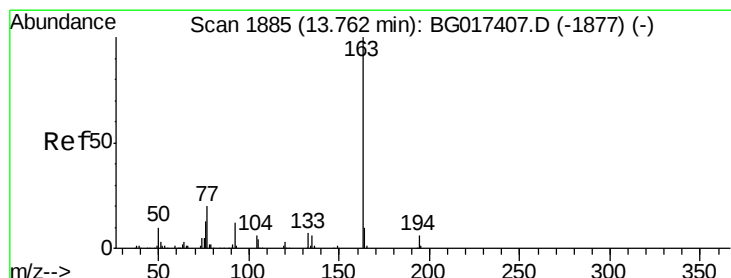
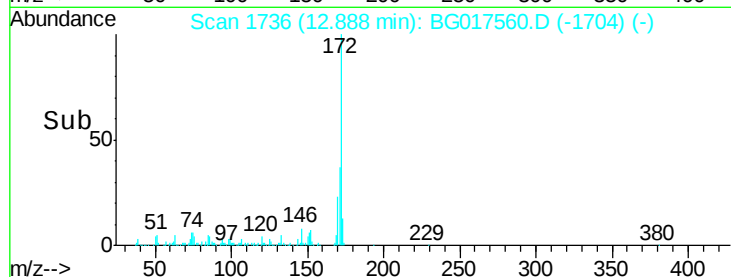
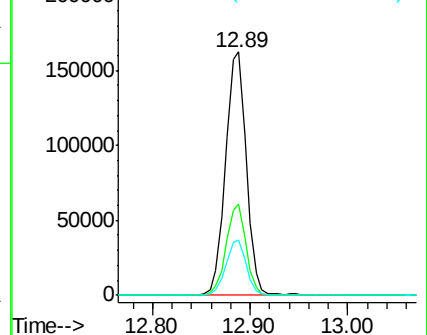
170 22.8 18.9 28.3



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



#49

Dimethylphthalate

Concen: 6.56 ng

RT: 13.73 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG017560.D

Acq: 9 Jun 2015 5:28

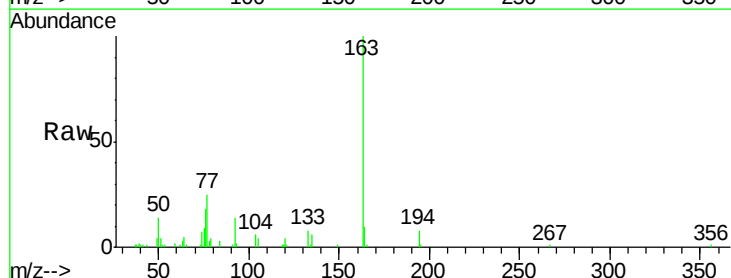
Tgt Ion:163 Resp: 29859

Ion Ratio Lower Upper

163 100

194 8.2 4.9 7.3#

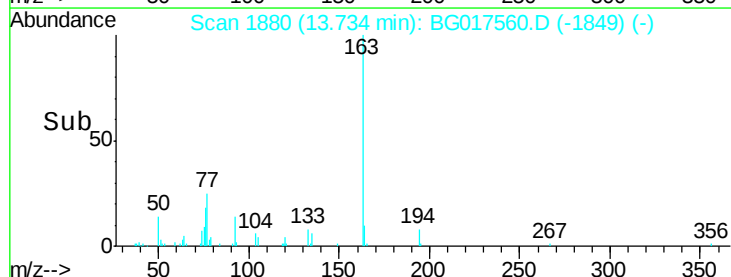
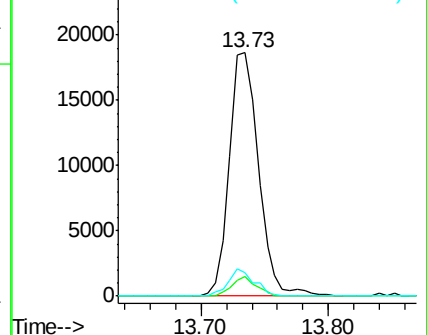
164 9.8 8.2 12.2

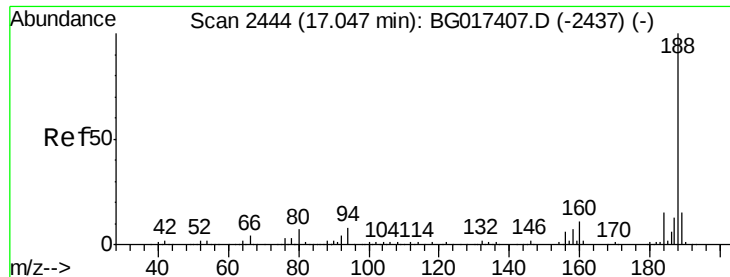


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

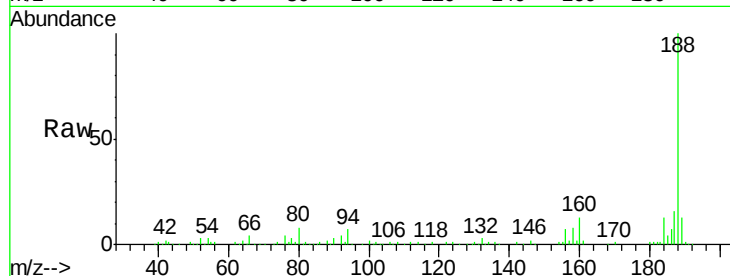




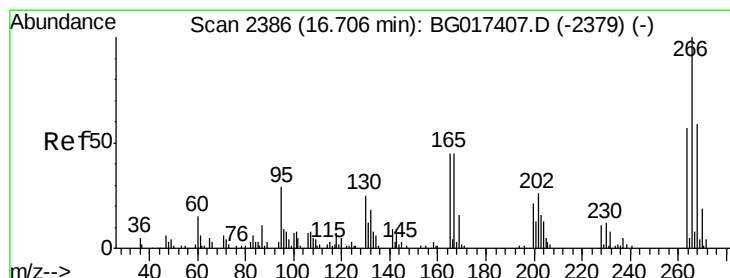
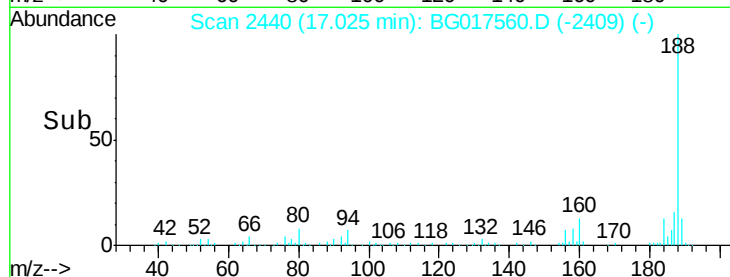
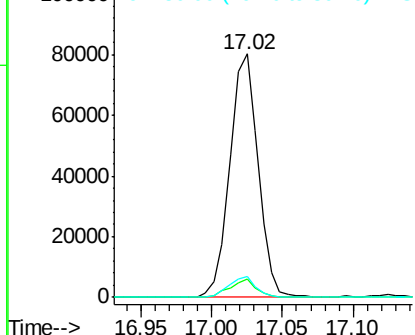
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.02 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG017560.D
Acq: 9 Jun 2015 5:28

Instrument :
BNA_G
ClientSampleId :
PIER2-9(0-2)

Tgt Ion:188 Resp: 112127
Ion Ratio Lower Upper
188 100
94 7.3 6.3 9.5
80 8.4 5.2 7.8#

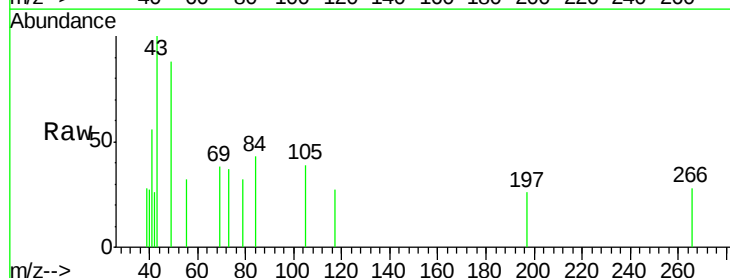


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

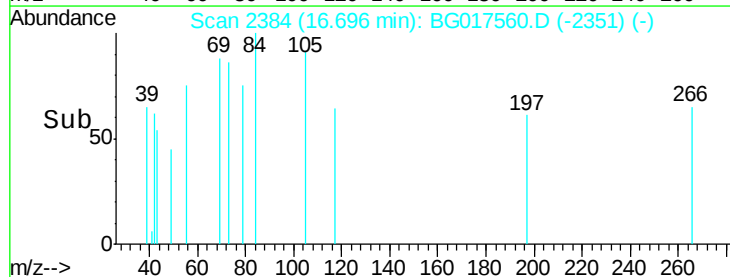
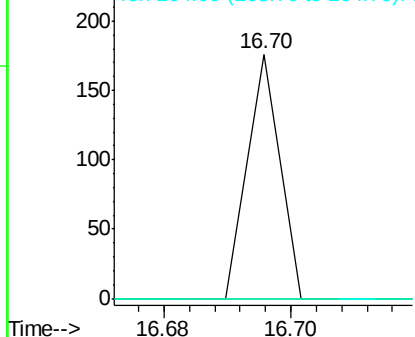


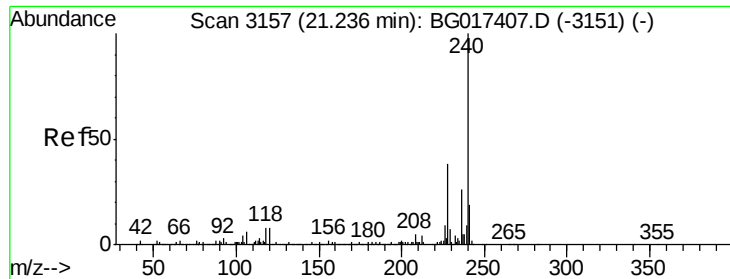
#69
Pentachlorophenol
Concen: 5.57 ng
RT: 16.70 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BG017560.D
Acq: 9 Jun 2015 5:28

Tgt Ion:266 Resp: 62
Ion Ratio Lower Upper
266 100
268 0.0 47.0 70.6#
264 0.0 45.7 68.5#



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.22 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG017560.D

Acq: 9 Jun 2015 5:28

Instrument :

BNA_G

ClientSampled :

PIER2-9(0-2)

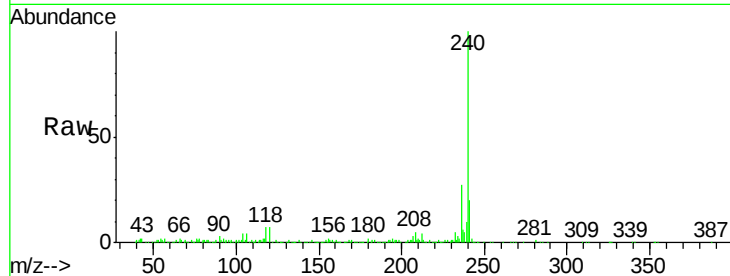
Tgt Ion:240 Resp: 129922

Ion Ratio Lower Upper

240 100

120 6.8 6.5 9.7

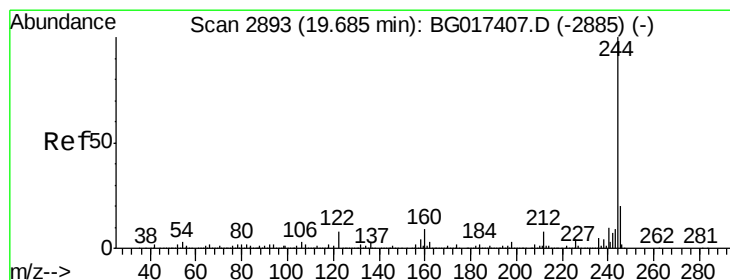
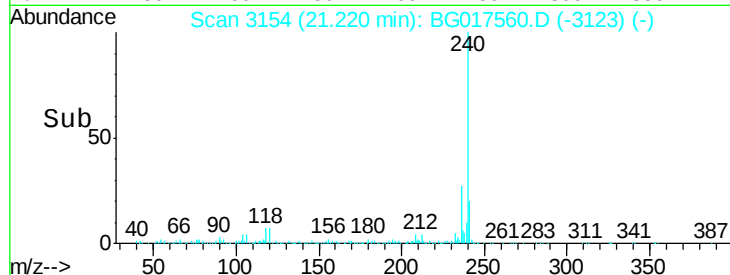
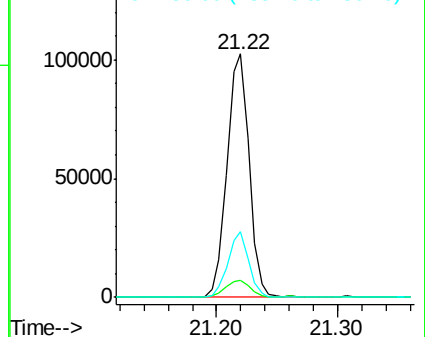
236 26.7 20.8 31.2



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: 54.58 ng

RT: 19.66 min Scan# 2889

Delta R.T. -0.02 min

Lab File: BG017560.D

Acq: 9 Jun 2015 5:28

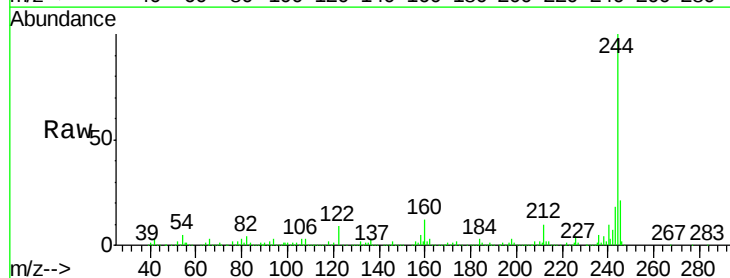
Tgt Ion:244 Resp: 343101

Ion Ratio Lower Upper

244 100

212 9.5 6.4 9.6

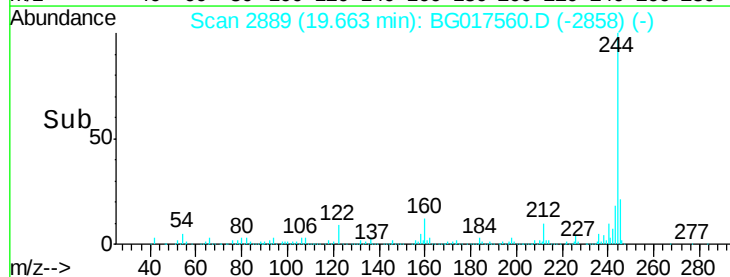
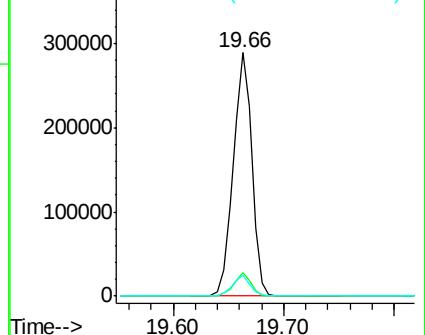
122 8.5 6.6 10.0

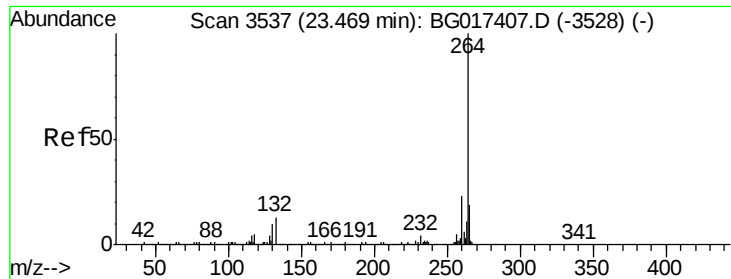


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

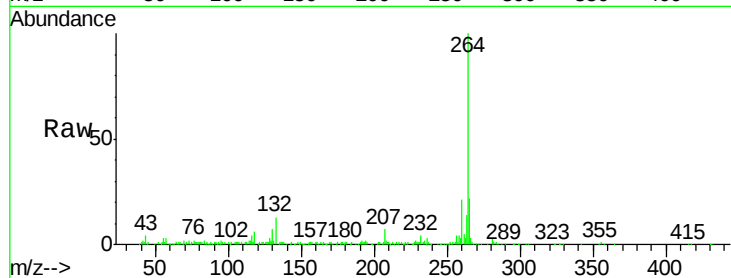




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.45 min Scan# 3533
Delta R.T. -0.03 min
Lab File: BG017560.D
Acq: 9 Jun 2015 5:28

Instrument :
BNA_G
ClientSampleId :
PIER2-9(0-2)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.3	18.2	27.4
265	22.2	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

