

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
 Data File : BG022557.D
 Acq On : 25 Jun 2016 3:27
 Operator : UM/SJ
 Sample : H3633-19
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PO-011

Quant Time: Jun 25 05:42:03 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

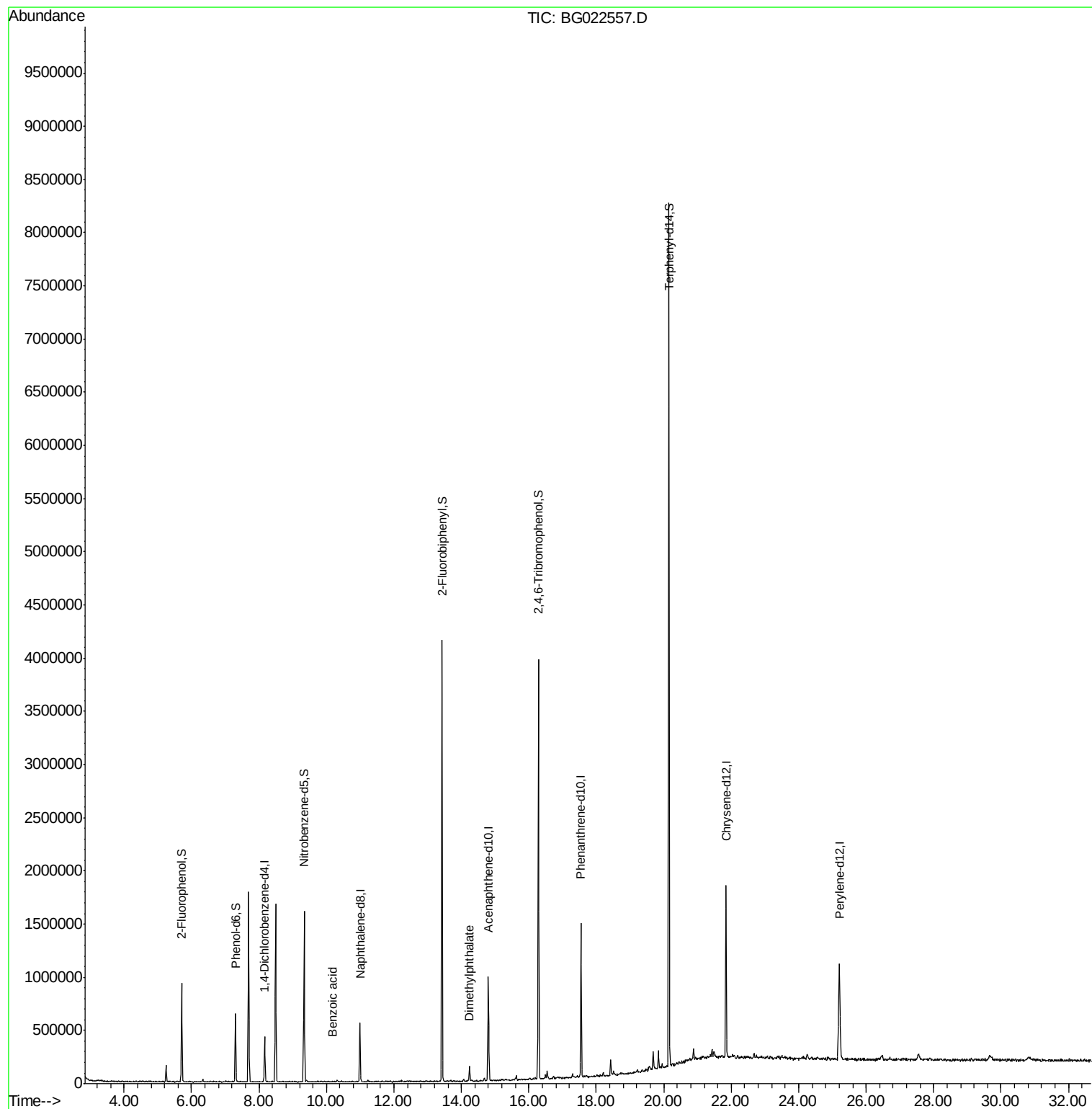
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	108224	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	437843	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	314623	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	840286	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1006882	20.00	ng	0.00
86) Perylene-d12	25.21	264	1034117	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	367799	54.51	ng	0.00
7) Phenol-d6	7.30	99	342720	36.04	ng	0.00
23) Nitrobenzene-d5	9.34	82	974611	94.21	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	701916	141.84	ng	0.00
44) 2-Fluorobiphenyl	13.43	172	1930340	97.30	ng	0.00
78) Terphenyl-d14	20.15	244	2887663	75.98	ng	0.00
Target Compounds						
32) Benzoic acid	10.19	122	282	5.16	ng	Qvalue # 27
49) Dimethylphthalate	14.24	163	82393	3.16	ng	98

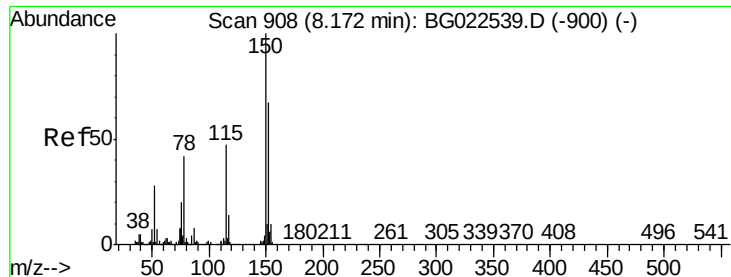
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG022557.D

Acq: 25 Jun 2016 3:27

Instrument :

BNA_G

ClientSampleId :

PO-011

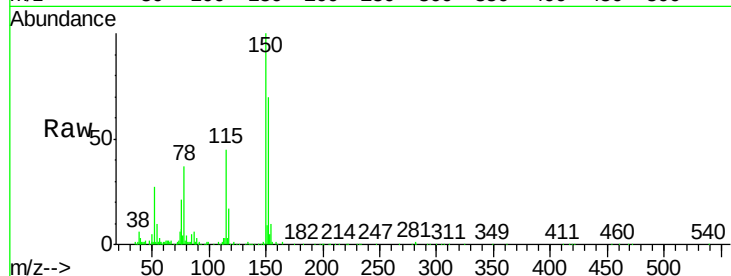
Tgt Ion:152 Resp: 108224

Ion Ratio Lower Upper

152 100

150 143.1 144.7 217.1#

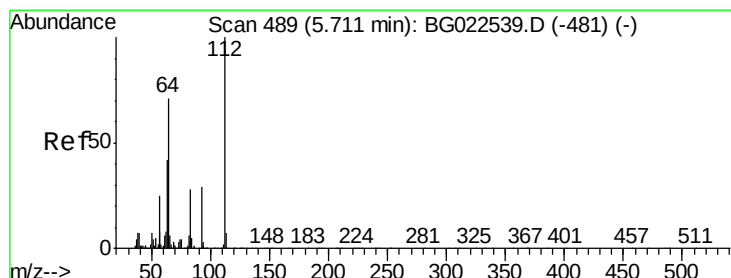
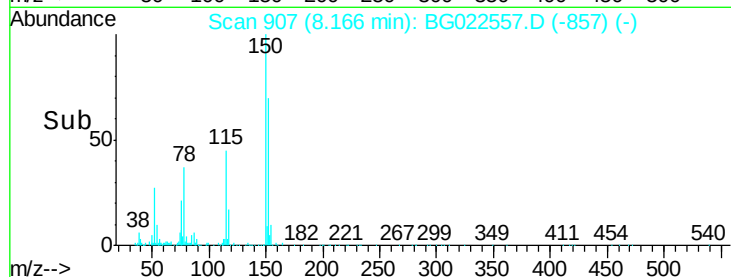
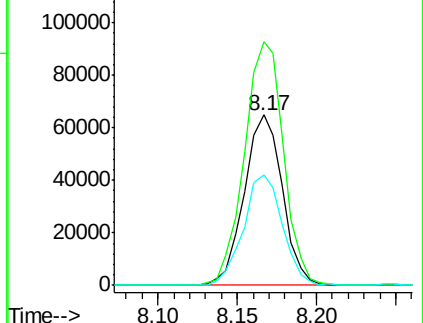
115 64.7 64.0 96.0



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: 54.51 ng

RT: 5.70 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG022557.D

Acq: 25 Jun 2016 3:27

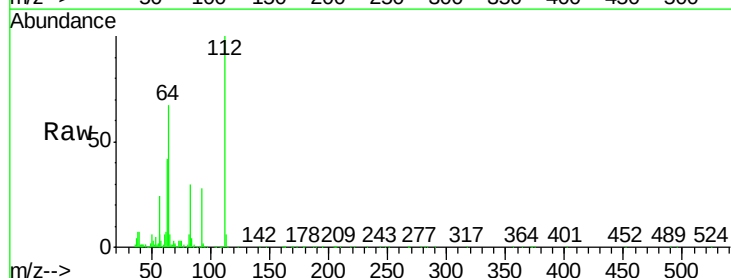
Tgt Ion:112 Resp: 367799

Ion Ratio Lower Upper

112 100

64 67.5 59.0 88.4

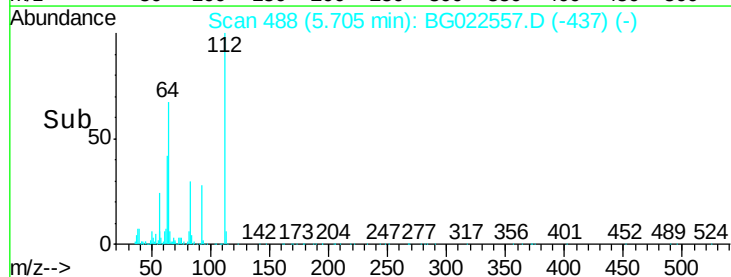
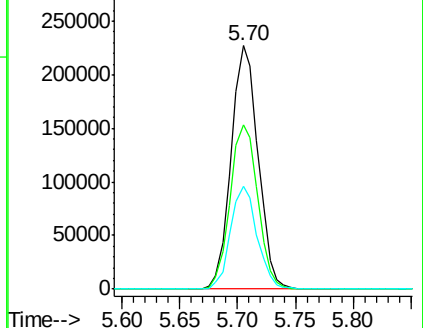
63 42.1 37.8 56.8

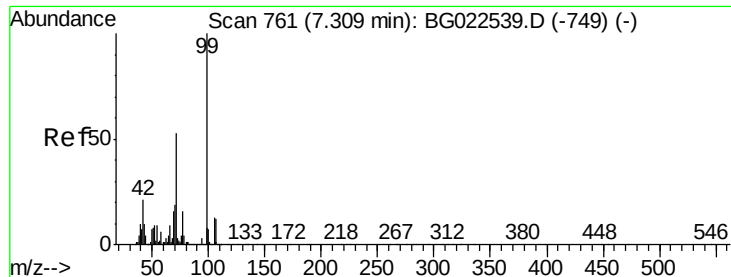


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 36.04 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022557.D

Acq: 25 Jun 2016 3:27

Instrument :

BNA_G

ClientSampleId :

PO-011

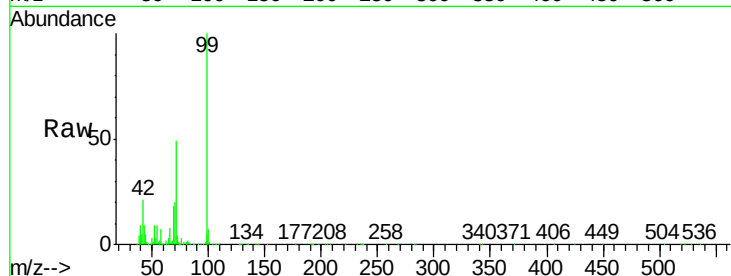
Tgt Ion: 99 Resp: 342720

Ion Ratio Lower Upper

99 100

42 20.8 17.8 26.6

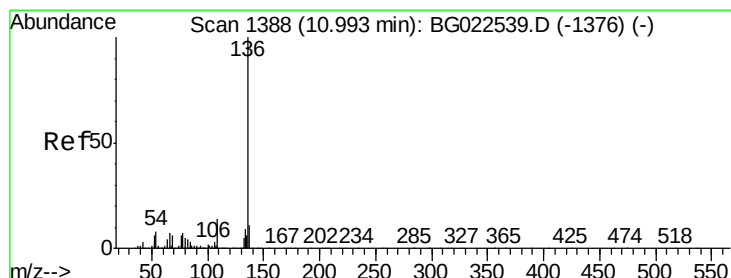
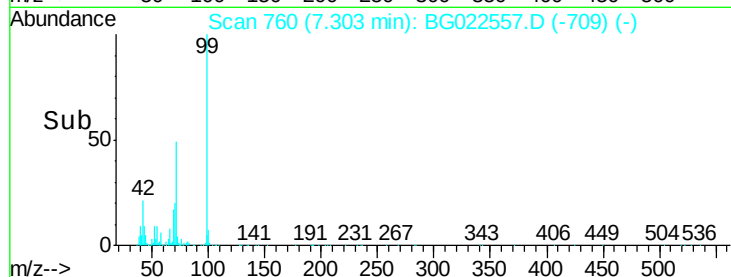
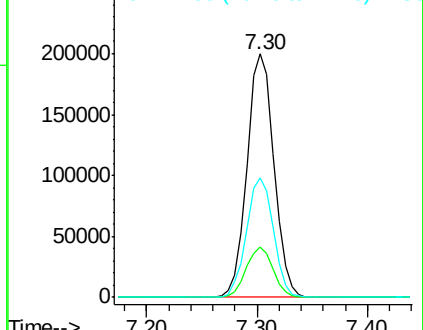
71 48.8 41.5 62.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.99 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BG022557.D

Acq: 25 Jun 2016 3:27

Tgt Ion: 136 Resp: 437843

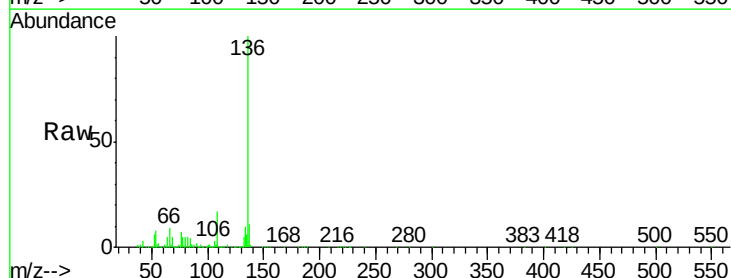
Ion Ratio Lower Upper

136 100

137 11.4 9.6 14.4

54 8.2 7.3 10.9

68 4.6 5.3 7.9#

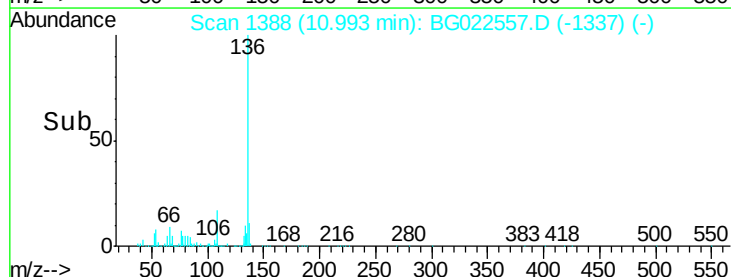
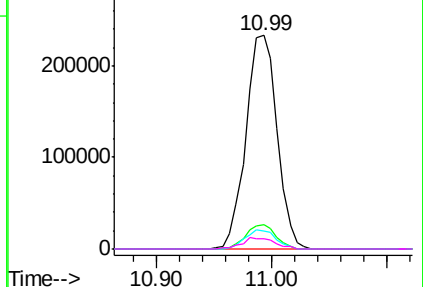


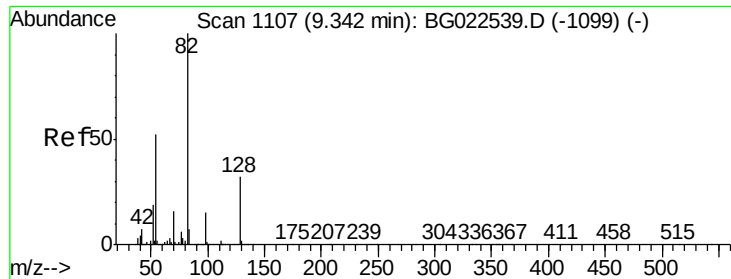
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

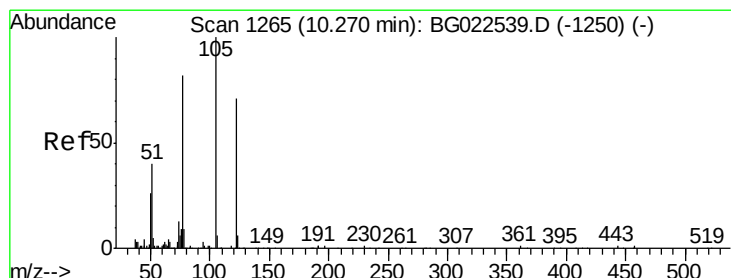
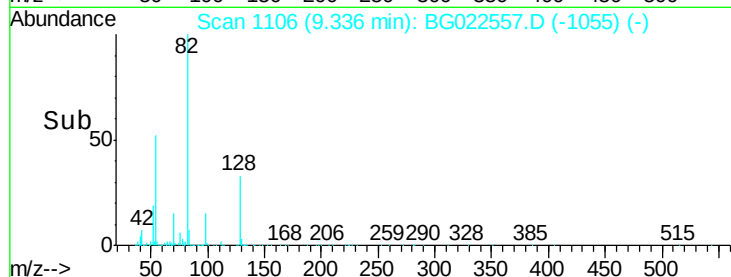
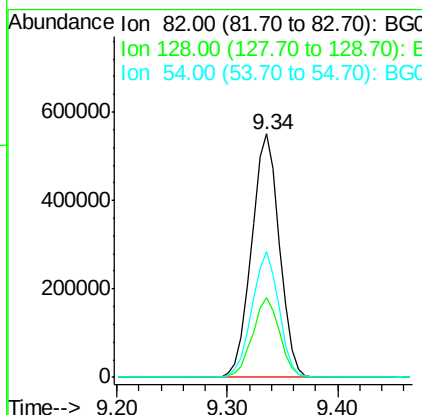
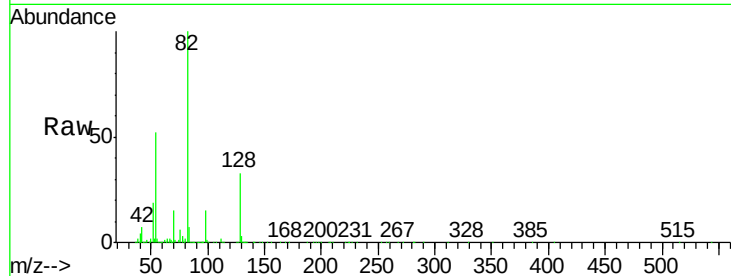




#23
 Nitrobenzene-d5
 Concen: 94.21 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: BG022557.D
 Acq: 25 Jun 2016 3:27

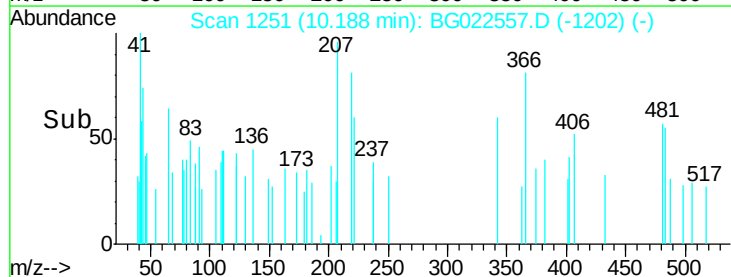
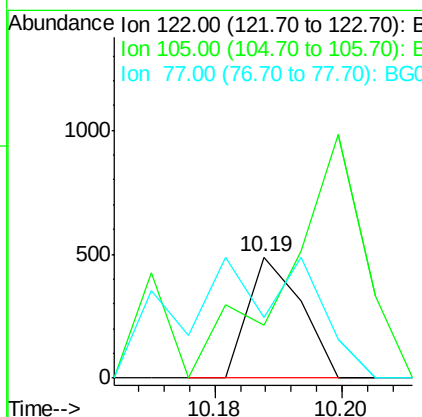
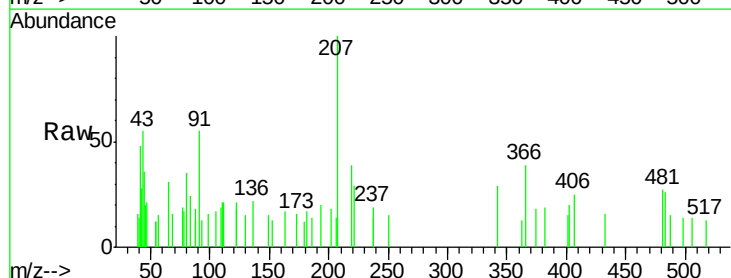
Instrument :
 BNA_G
 ClientSampleId :
 PO-011

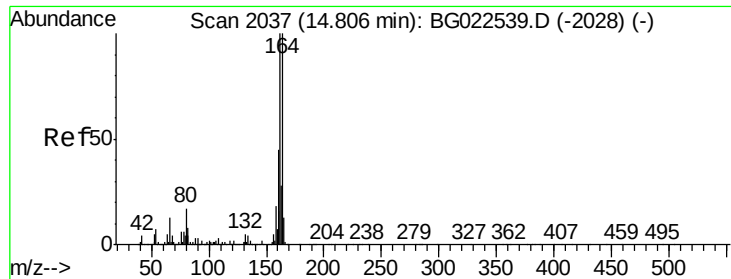
Tgt Ion: 82 Resp: 974611
 Ion Ratio Lower Upper
 82 100
 128 32.8 24.4 36.6
 54 51.8 41.4 62.0



#32
 Benzoic acid
 Concen: 5.16 ng
 RT: 10.19 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BG022557.D
 Acq: 25 Jun 2016 3:27

Tgt Ion: 122 Resp: 282
 Ion Ratio Lower Upper
 122 100
 105 43.4 117.2 157.2#
 77 49.9 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG022557.D

Acq: 25 Jun 2016 3:27

Instrument :

BNA_G

ClientSampleId :

PO-011

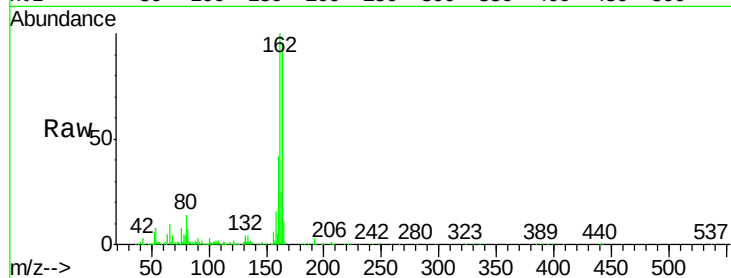
Tgt Ion:164 Resp: 314623

Ion Ratio Lower Upper

164 100

162 105.0 87.7 131.5

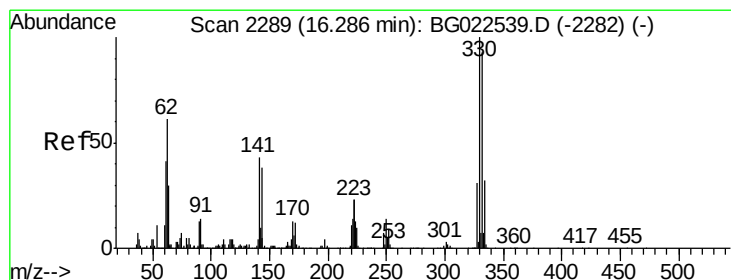
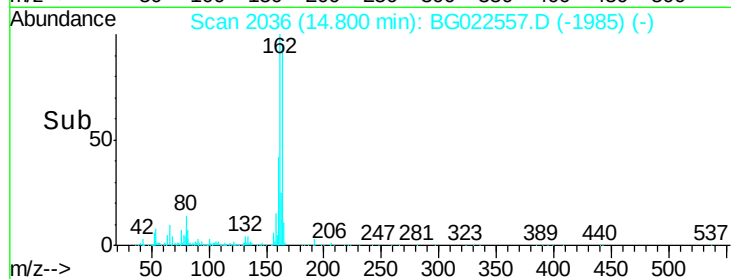
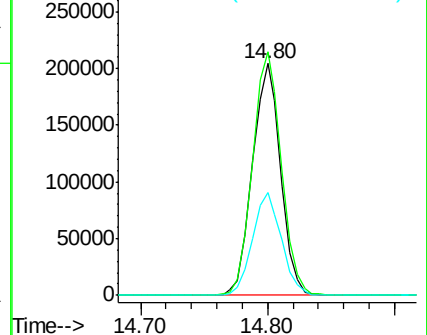
160 44.3 37.2 55.8



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: 141.84 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BG022557.D

Acq: 25 Jun 2016 3:27

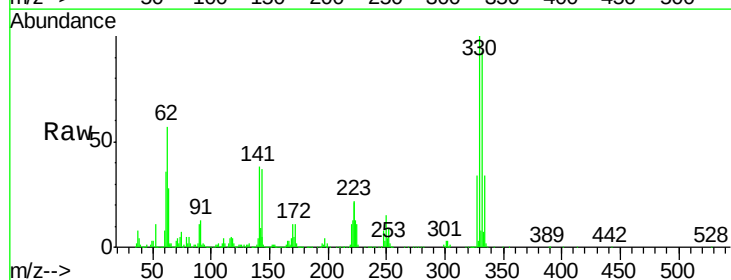
Tgt Ion:330 Resp: 701916

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

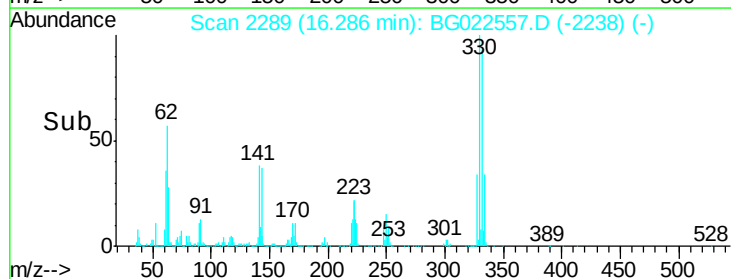
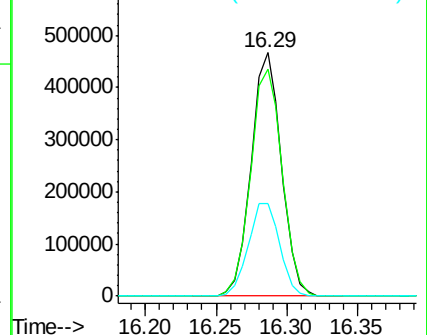
141 39.9 31.7 47.5

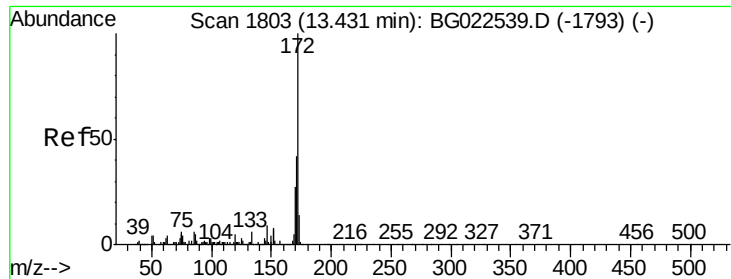


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

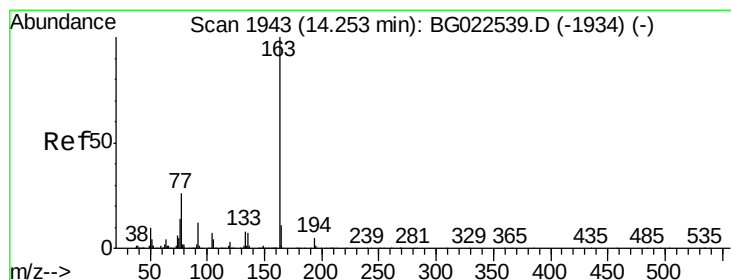
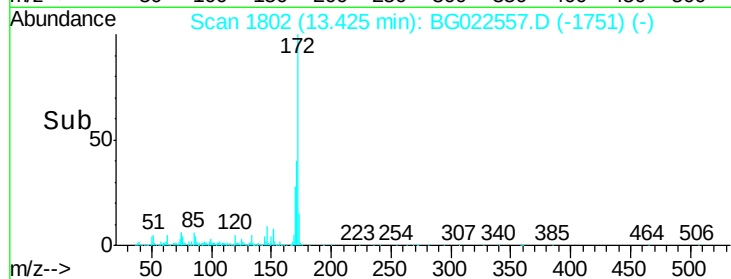
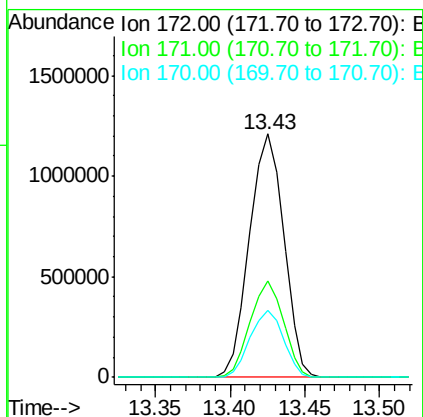
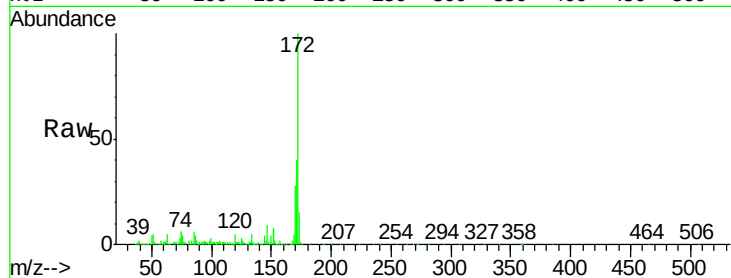




#44
2-Fluorobiphenyl
Concen: 97.30 ng
RT: 13.43 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BG022557.D
Acq: 25 Jun 2016 3:27

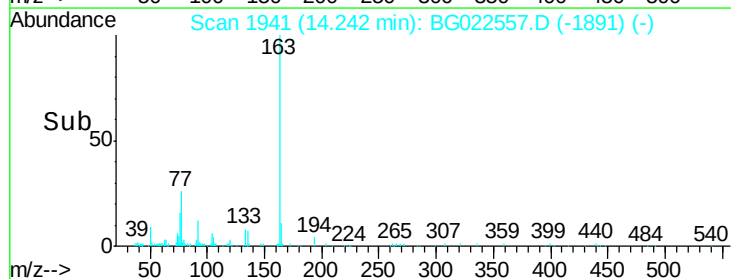
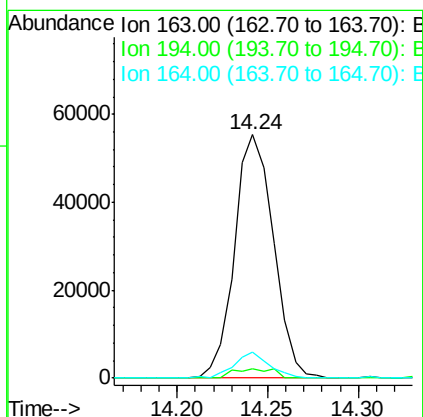
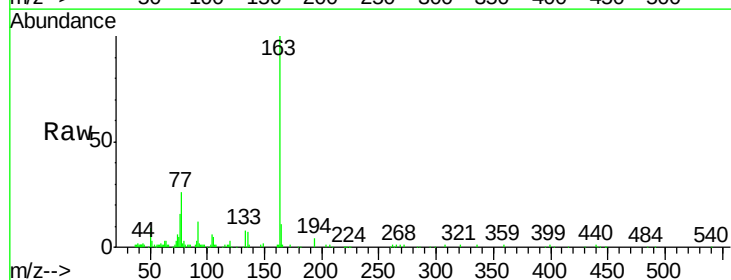
Instrument :
BNA_G
ClientSampleId :
PO-011

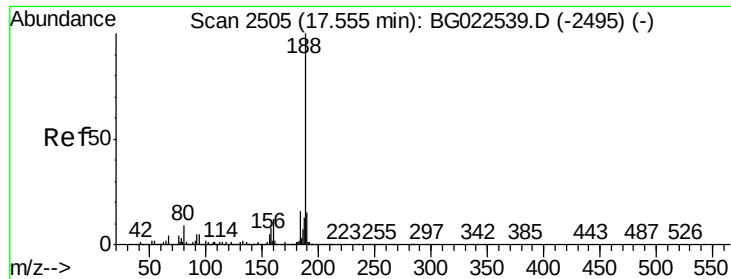
Tgt Ion:172 Resp: 1930340
Ion Ratio Lower Upper
172 100
171 39.8 31.6 47.4
170 27.7 21.3 31.9



#49
Dimethylphthalate
Concen: 3.16 ng
RT: 14.24 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG022557.D
Acq: 25 Jun 2016 3:27

Tgt Ion:163 Resp: 82393
Ion Ratio Lower Upper
163 100
194 4.1 3.6 5.4
164 10.9 8.1 12.1

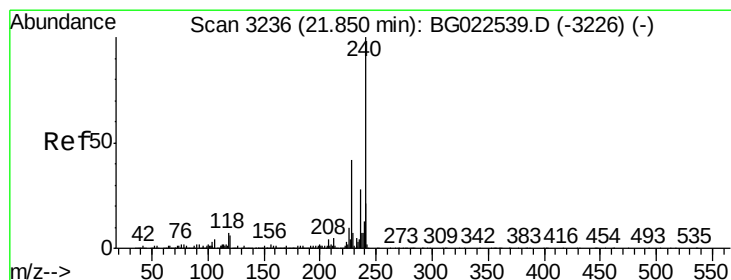
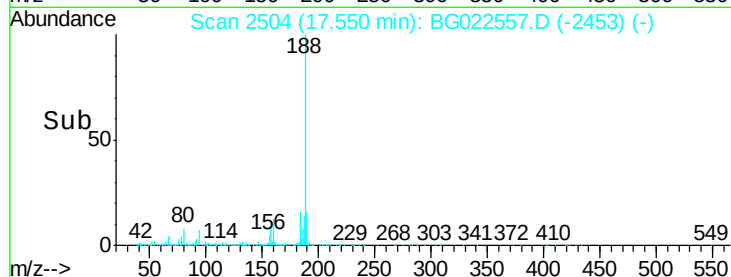
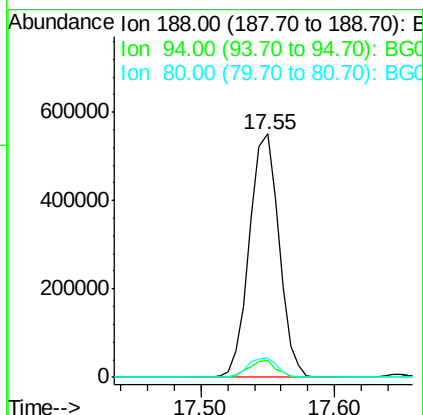
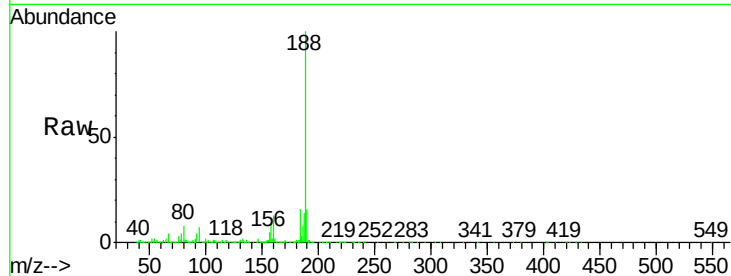




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.00 min
Lab File: BG022557.D
Acq: 25 Jun 2016 3:27

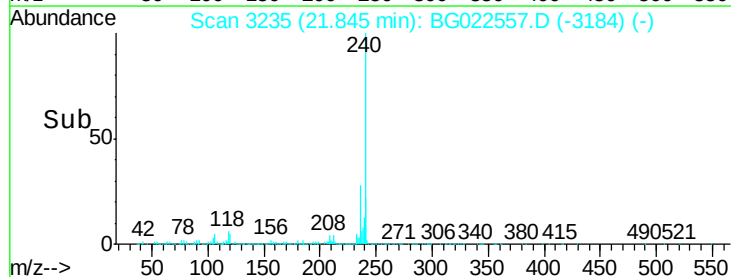
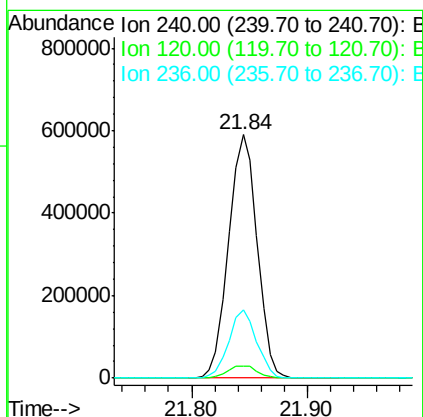
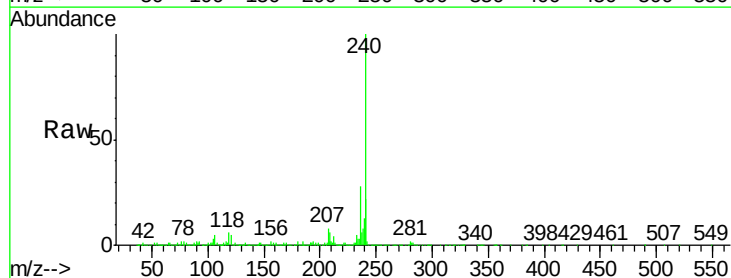
Instrument :
BNA_G
ClientSampleId :
PO-011

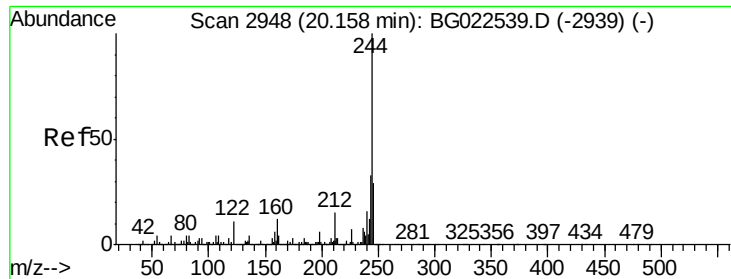
Tgt Ion:188 Resp: 840286
Ion Ratio Lower Upper
188 100
94 7.0 5.2 7.8
80 8.0 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022557.D
Acq: 25 Jun 2016 3:27

Tgt Ion:240 Resp: 1006882
Ion Ratio Lower Upper
240 100
120 5.0 4.1 6.1
236 28.1 21.1 31.7





#78

Terphenyl-d14

Concen: 75.98 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022557.D

Acq: 25 Jun 2016 3:27

Instrument :

BNA_G

ClientSampleId :

PO-011

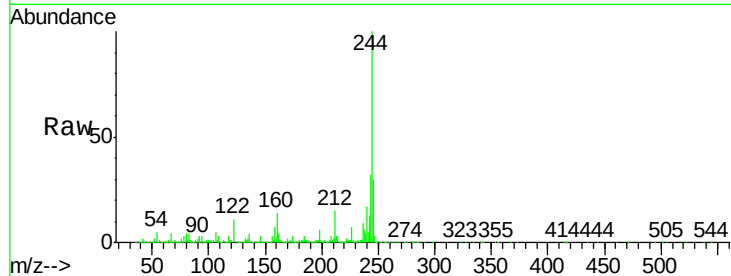
Tgt Ion:244 Resp: 2887663

Ion Ratio Lower Upper

244 100

212 14.6 10.8 16.2

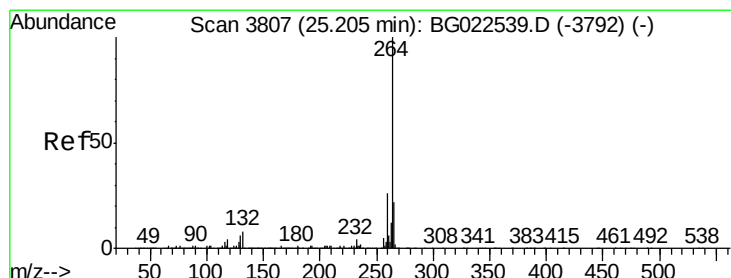
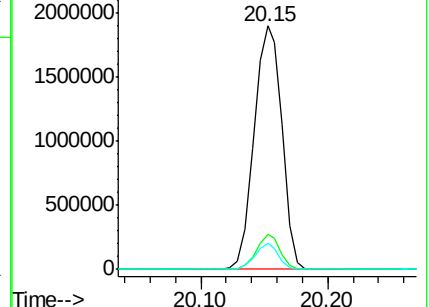
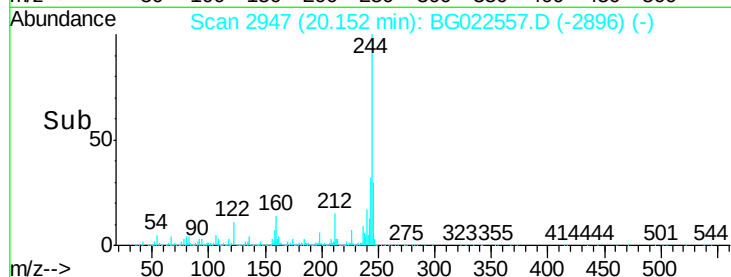
122 10.6 8.0 12.0



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

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3807

Delta R.T. -0.00 min

Lab File: BG022557.D

Acq: 25 Jun 2016 3:27

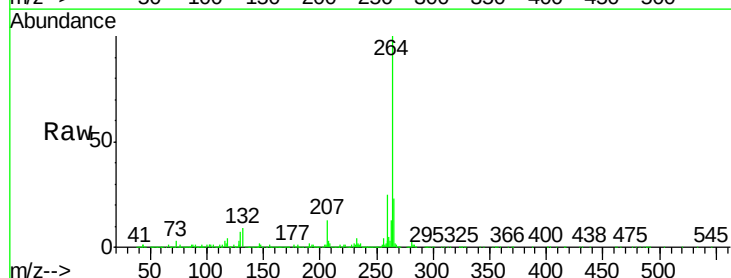
Tgt Ion:264 Resp: 1034117

Ion Ratio Lower Upper

264 100

260 25.1 18.4 27.6

265 23.0 18.9 28.3



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

