

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062716\
 Data File : BG022647.D
 Acq On : 27 Jun 2016 17:41
 Operator : UM/SJ
 Sample : H3713-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 3A-9-11

Quant Time: Jun 28 01:42:14 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

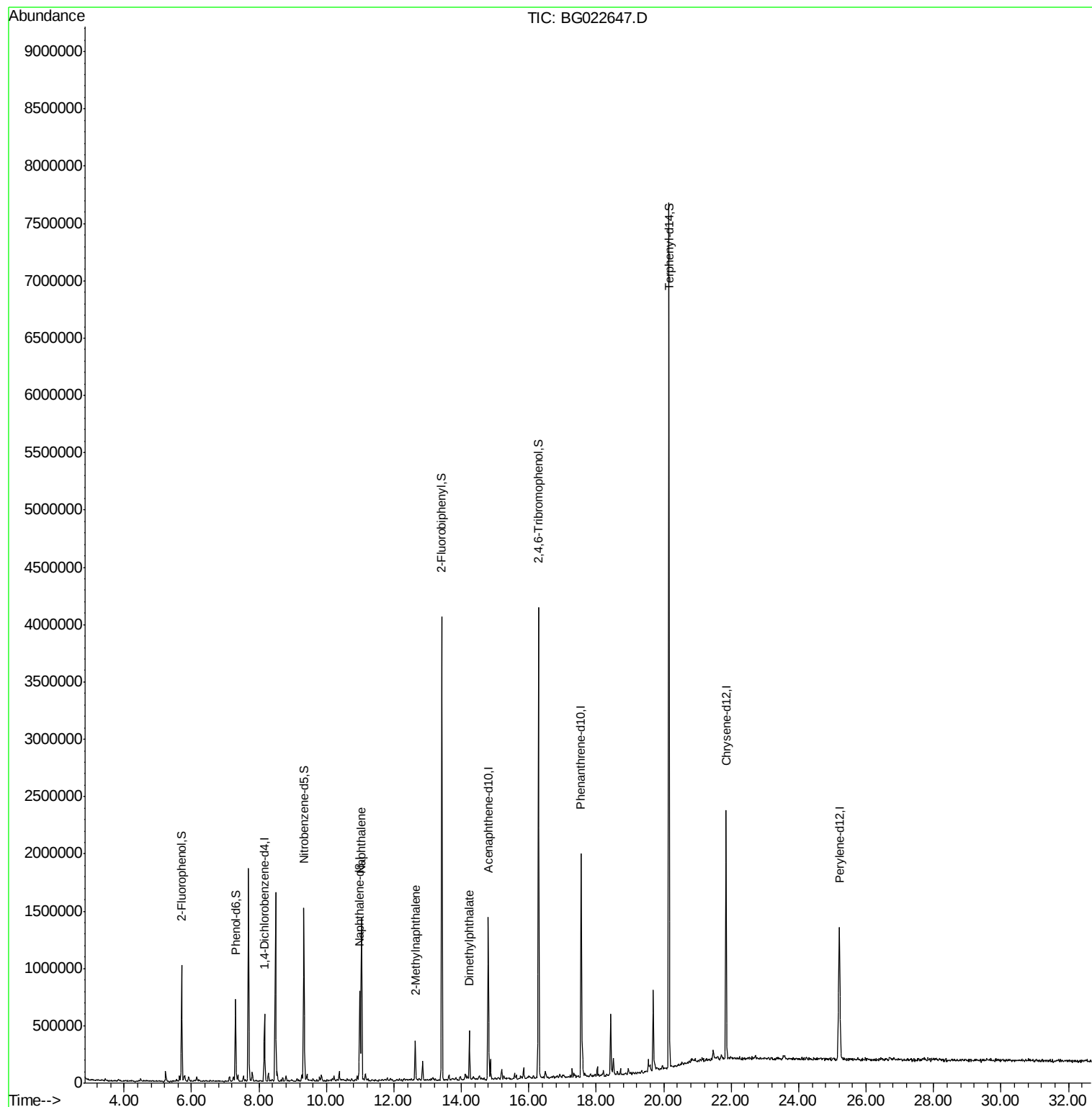
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	148213	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	632134	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	467320	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1214211	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1354390	20.00	ng	0.00
86) Perylene-d12	25.21	264	1408625	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	411490	44.53	ng	0.00
7) Phenol-d6	7.30	99	387227	29.73	ng	0.00
23) Nitrobenzene-d5	9.33	82	980122	65.62	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	767223	104.38	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1904063	64.62	ng	0.00
78) Terphenyl-d14	20.15	244	2901248	56.75	ng	0.00
Target Compounds						
31) Naphthalene	11.03	128	1128861	35.53	ng	99
37) 2-Methylnaphthalene	12.63	142	155109	6.29	ng	95
49) Dimethylphthalate	14.24	163	256625	6.62	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022647.D

Acq: 27 Jun 2016 17:41

Instrument :

BNA_G

ClientSampleId :

3A-9-11

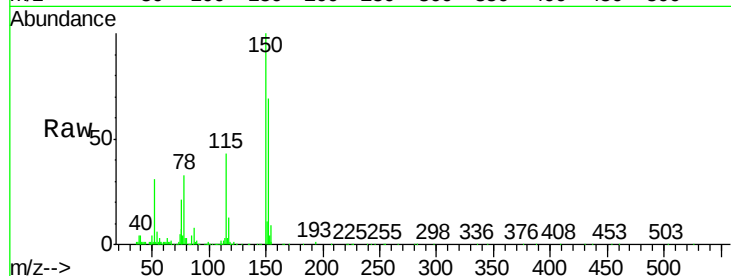
Tot Ion:152 Resp: 148213

Ion Ratio Lower Upper

152 100

150 144.9 144.7 217.1

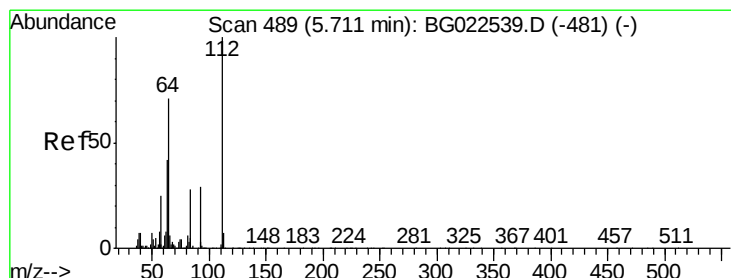
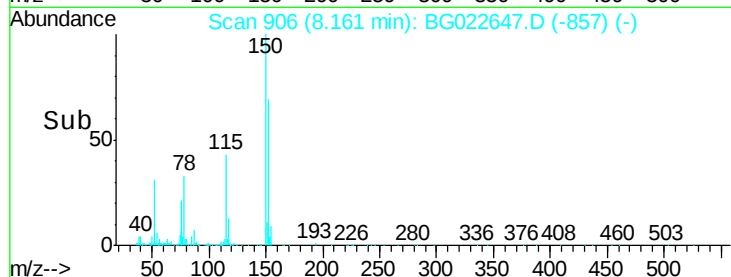
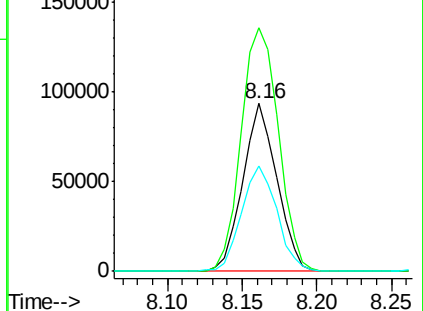
115 62.5 64.0 96.0#



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: 44.53 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022647.D

Acq: 27 Jun 2016 17:41

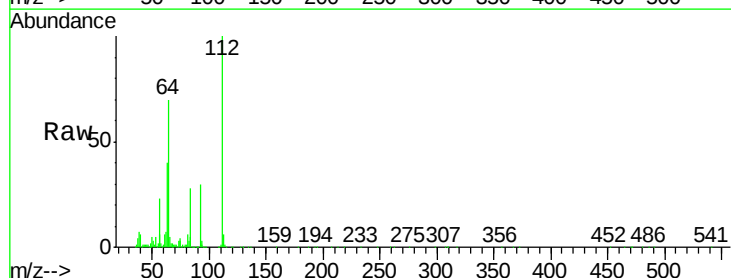
Tgt Ion:112 Resp: 411490

Ion Ratio Lower Upper

112 100

64 70.4 59.0 88.4

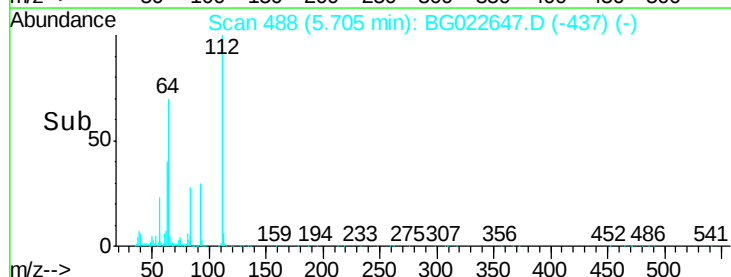
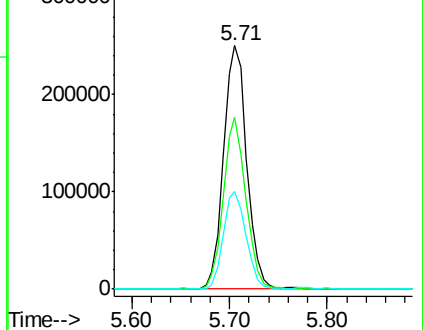
63 40.4 37.8 56.8



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: 29.73 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022647.D

Acq: 27 Jun 2016 17:41

Instrument :

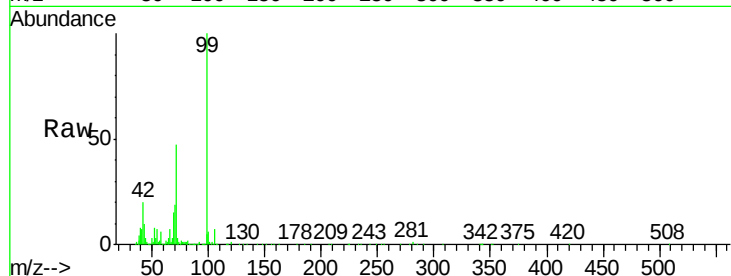
BNA_G

ClientSampled :

3A-9-11

Tot Ion: 99 Resp: 387227

Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.8	26.6
71	47.4	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

300000

250000

200000

150000

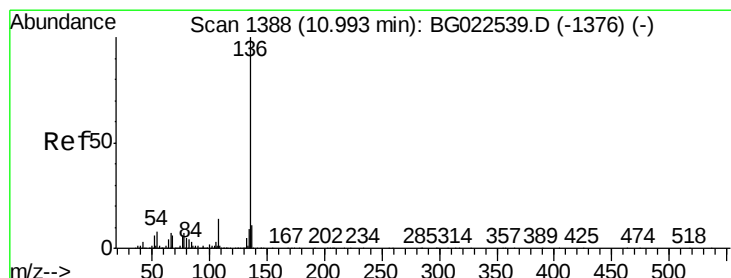
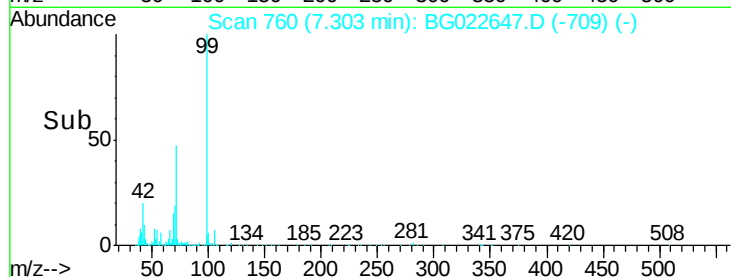
100000

50000

0

7.20 7.30 7.40

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.99 min Scan# 1387

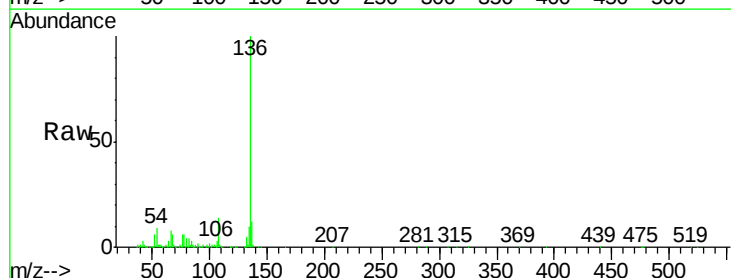
Delta R.T. -0.01 min

Lab File: BG022647.D

Acq: 27 Jun 2016 17:41

Tgt Ion: 136 Resp: 632134

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	9.0	7.3	10.9
68	5.7	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

500000

400000

300000

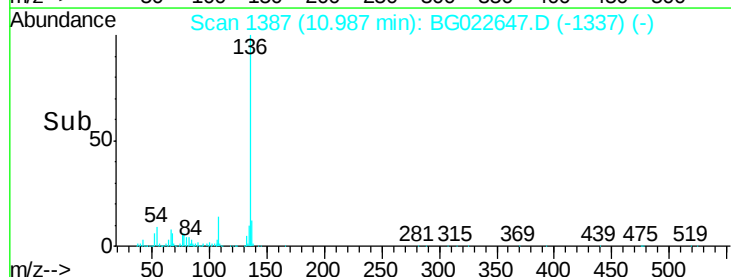
200000

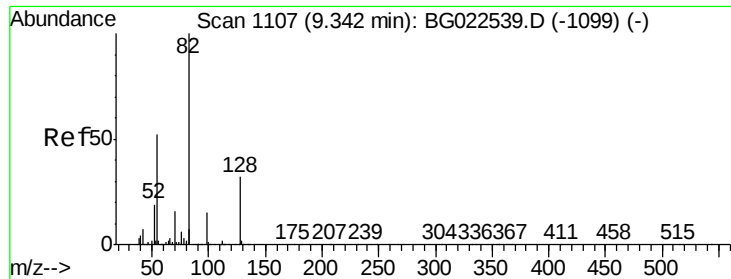
100000

0

10.90 11.00

Time-->

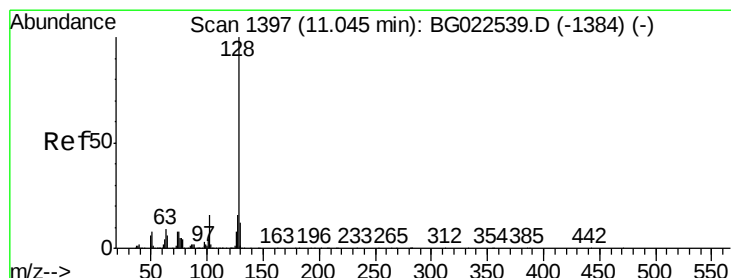
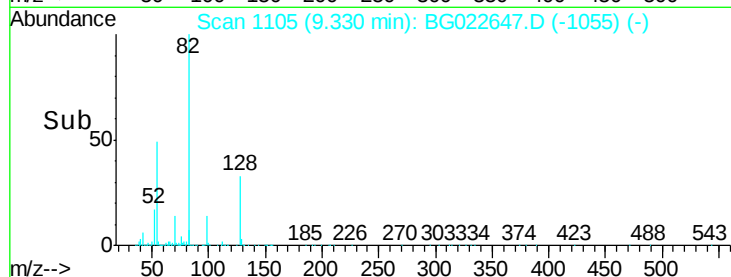
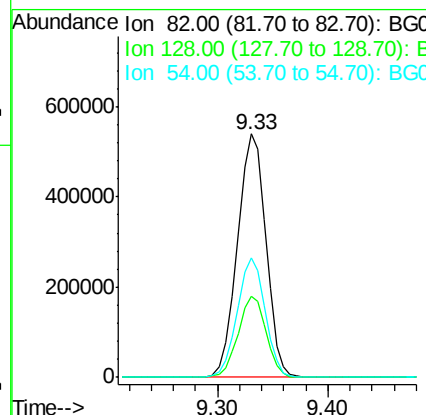
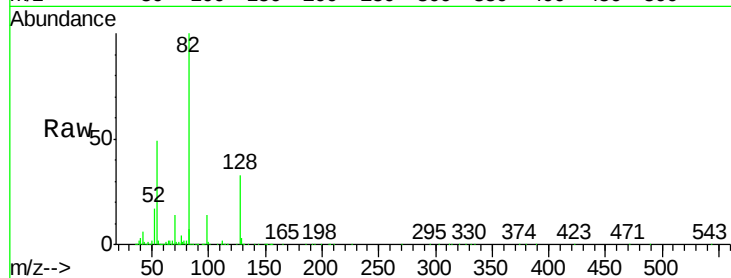




#23
Nitrobenzene-d5
Concen: 65.62 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BG022647.D
Acq: 27 Jun 2016 17:41

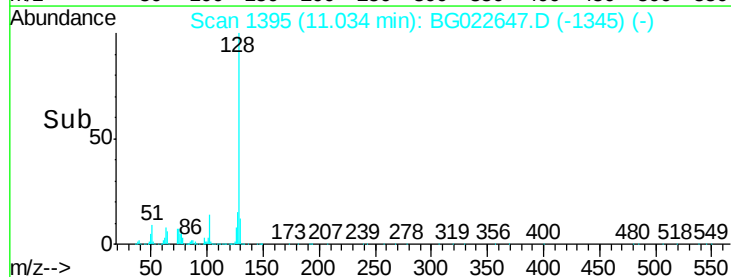
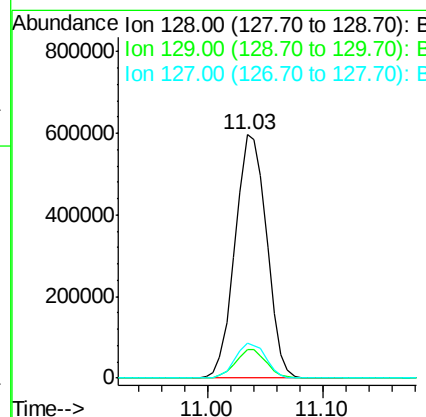
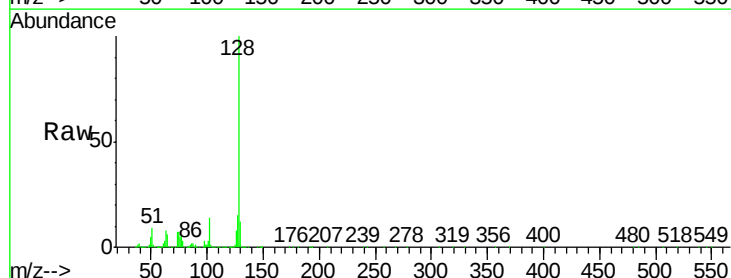
Instrument :
BNA_G
ClientSampleId :
3A-9-11

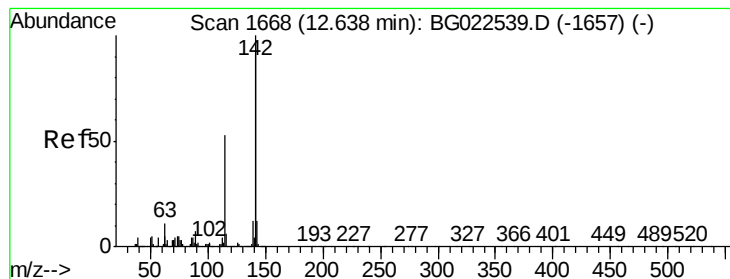
Tot Ion: 82 Resp: 980122
Ion Ratio Lower Upper
82 100
128 33.2 24.4 36.6
54 49.0 41.4 62.0



#31
Naphthalene
Concen: 35.53 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BG022647.D
Acq: 27 Jun 2016 17:41

Tgt Ion: 128 Resp: 1128861
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 14.6 11.3 16.9





#37

2-Methylnaphthalene

Concen: 6.29 ng

RT: 12.63 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BG022647.D

Acq: 27 Jun 2016 17:41

Instrument :

BNA_G

ClientSampleId :

3A-9-11

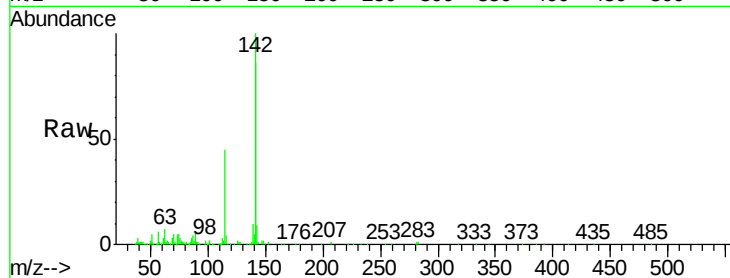
Tot Ion:142 Resp: 155109

Ion Ratio Lower Upper

142 100

141 85.7 70.2 105.2

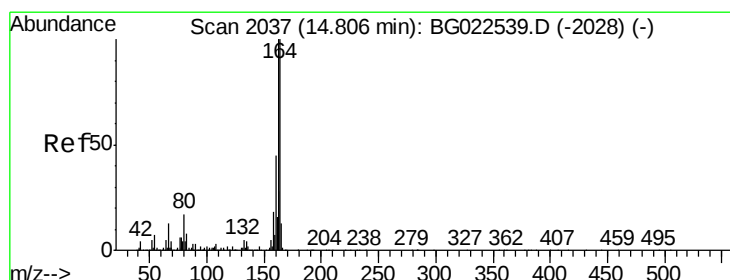
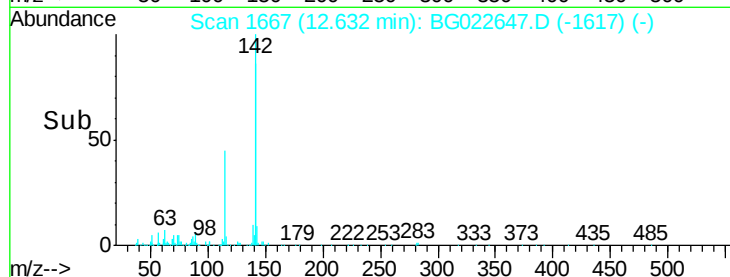
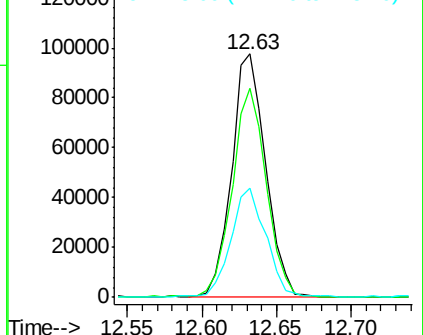
115 45.1 41.7 62.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG022647.D

Acq: 27 Jun 2016 17:41

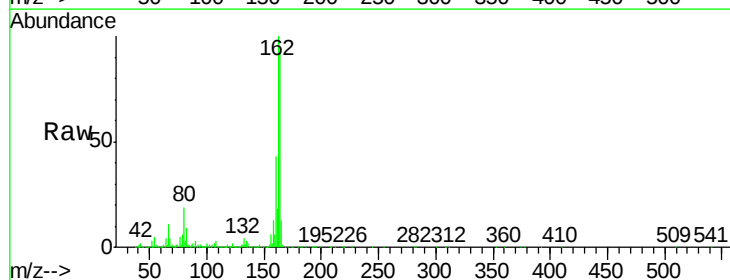
Tgt Ion:164 Resp: 467320

Ion Ratio Lower Upper

164 100

162 108.3 87.7 131.5

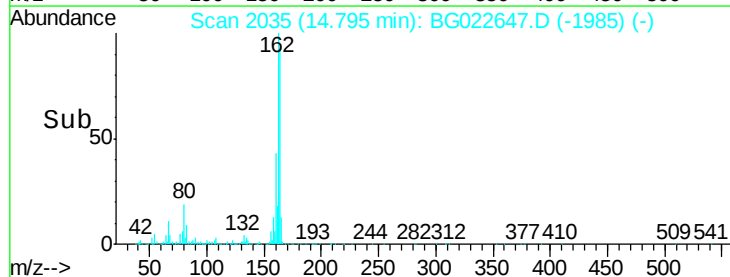
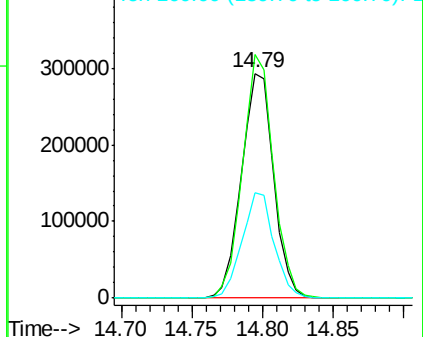
160 46.9 37.2 55.8

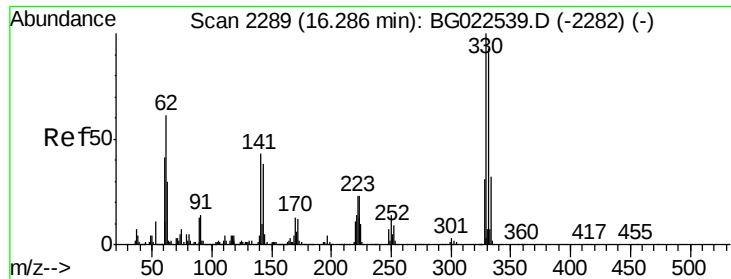


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

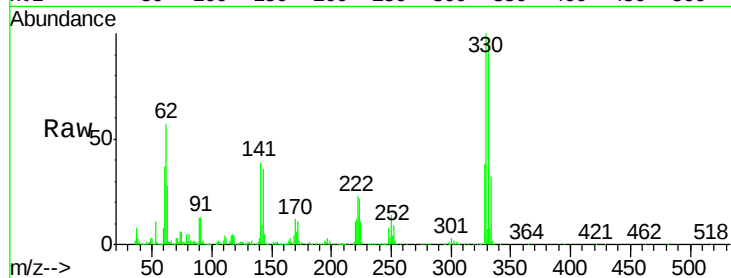




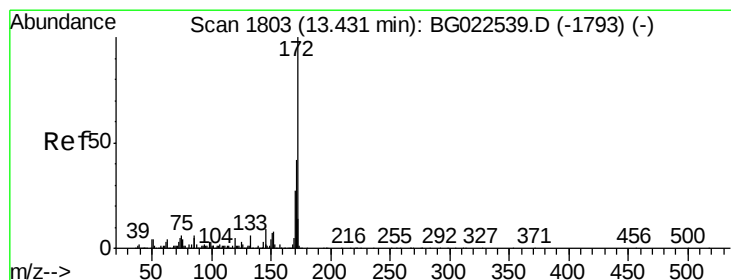
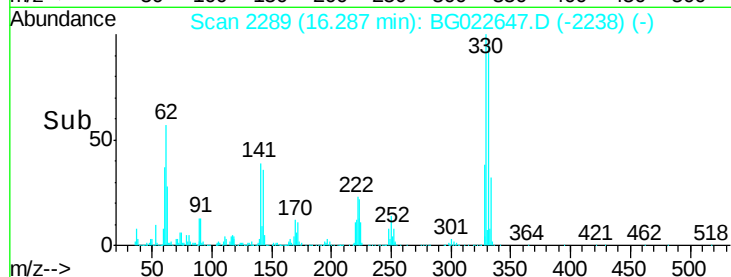
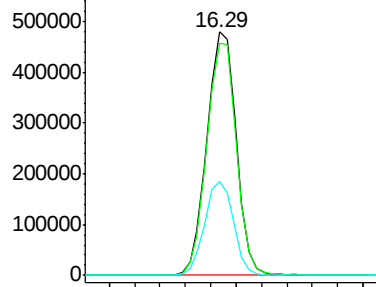
#41
 2,4,6-Tribromophenol
 Concen: 104.38 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.00 min
 Lab File: BG022647.D
 Acq: 27 Jun 2016 17:41

Instrument :
 BNA_G
 ClientSampleId :
 3A-9-11

Tot Ion:330 Resp: 767223
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 37.7 31.7 47.5

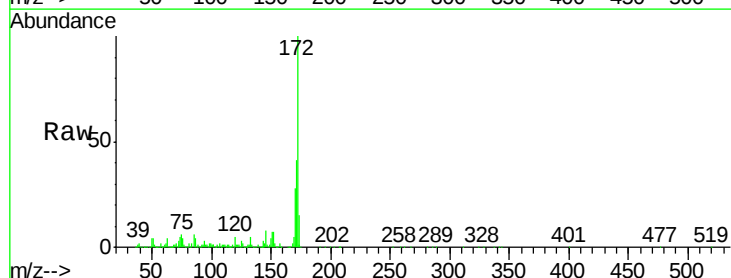


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

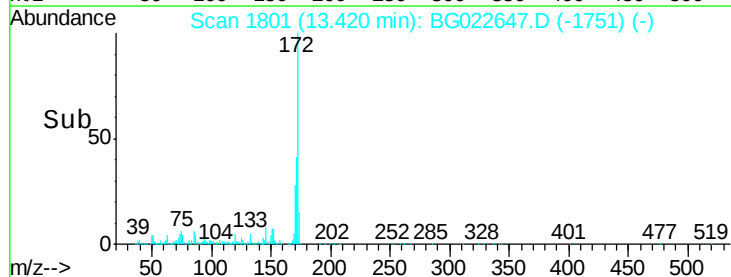
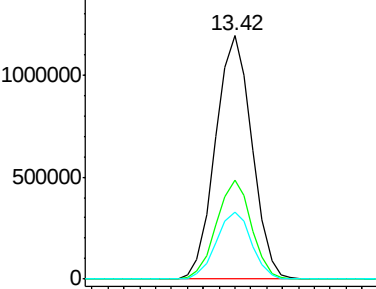


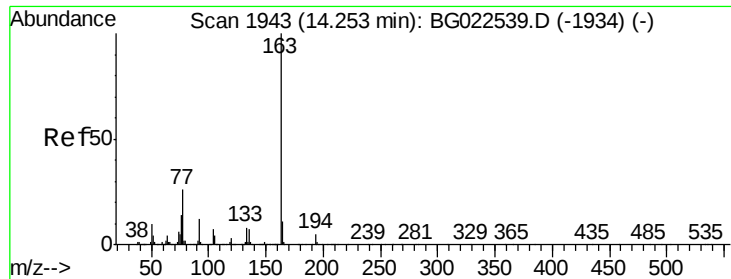
#44
 2-Fluorobiphenyl
 Concen: 64.62 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG022647.D
 Acq: 27 Jun 2016 17:41

Tgt Ion:172 Resp: 1904063
 Ion Ratio Lower Upper
 172 100
 171 40.7 31.6 47.4
 170 27.7 21.3 31.9



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: 6.62 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG022647.D

Acq: 27 Jun 2016 17:41

Instrument :

BNA_G

ClientSampleId :

3A-9-11

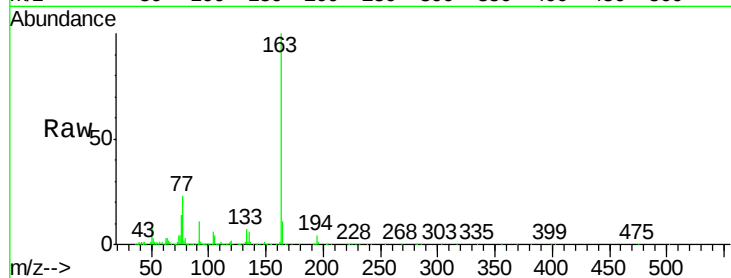
Tot Ion:163 Resp: 256625

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

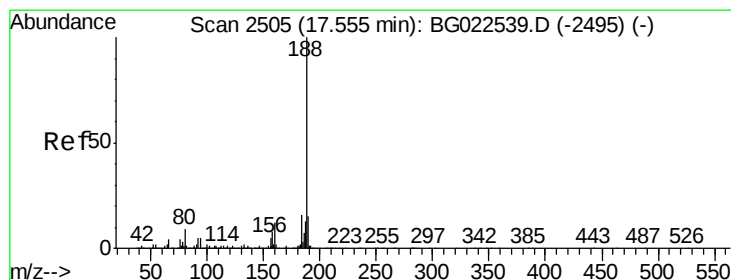
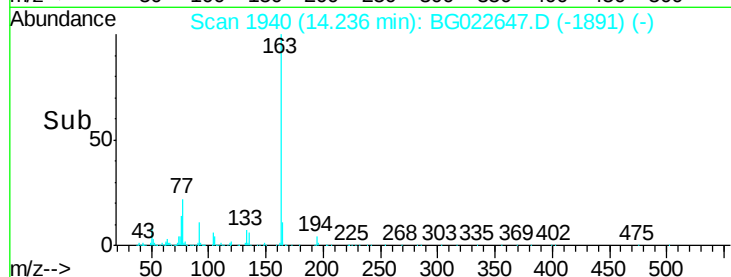
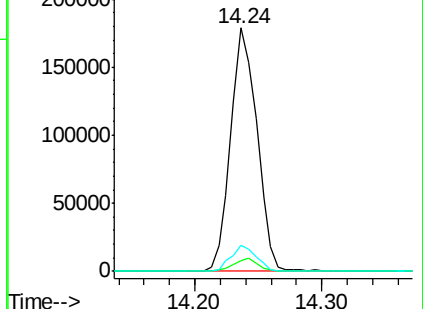
164 10.7 8.1 12.1



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: 17.56 min Scan# 2505

Delta R.T. 0.01 min

Lab File: BG022647.D

Acq: 27 Jun 2016 17:41

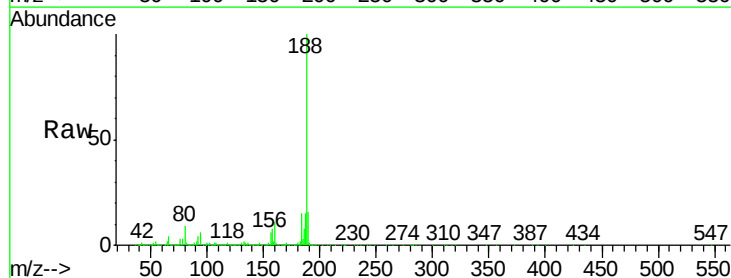
Tgt Ion:188 Resp: 1214211

Ion Ratio Lower Upper

188 100

94 6.0 5.2 7.8

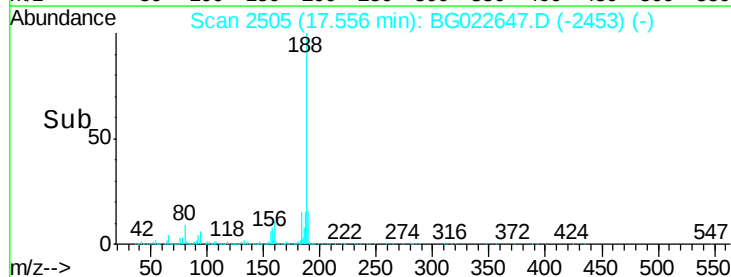
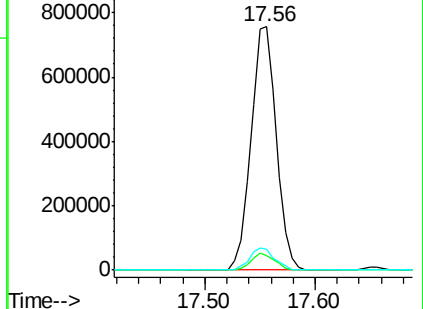
80 8.7 7.2 10.8

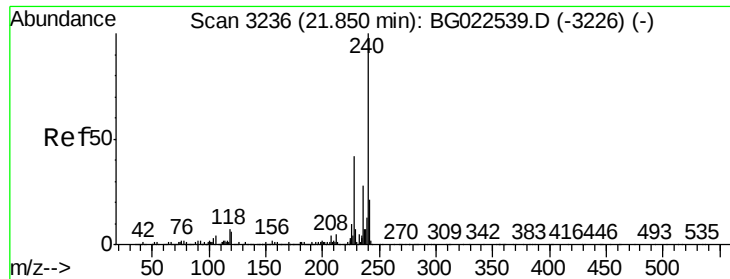


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG022647.D

Acq: 27 Jun 2016 17:41

Instrument :

BNA_G

ClientSampleId :

3A-9-11

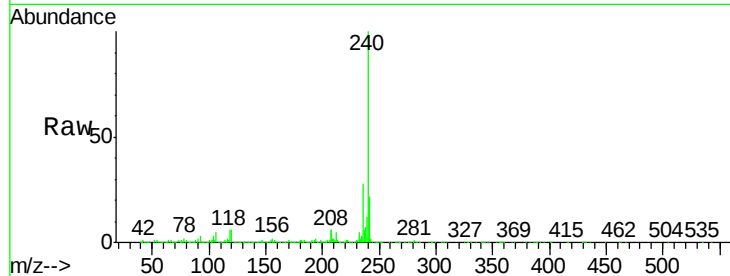
Tot Ion:240 Resp: 1354390

Ion Ratio Lower Upper

240 100

120 5.9 4.1 6.1

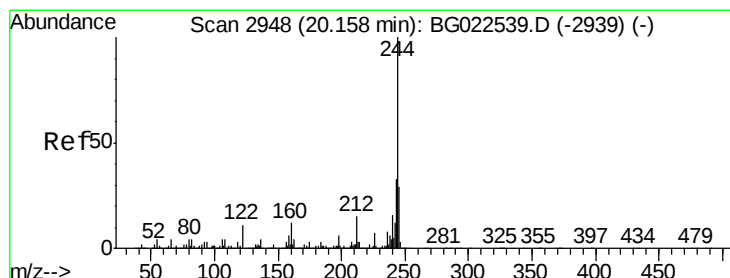
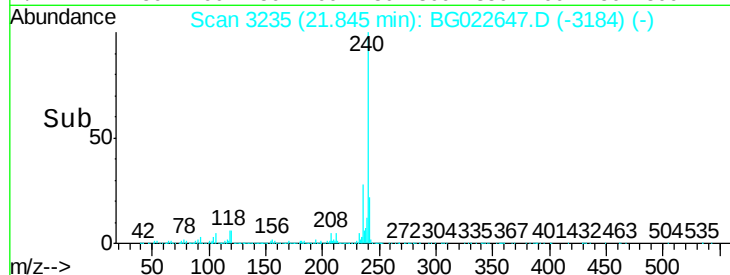
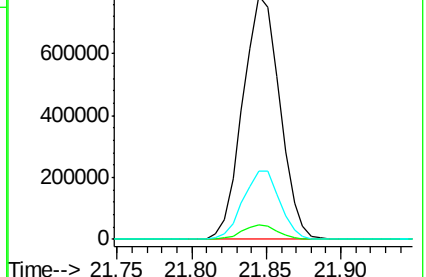
236 28.1 21.1 31.7



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: 56.75 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022647.D

Acq: 27 Jun 2016 17:41

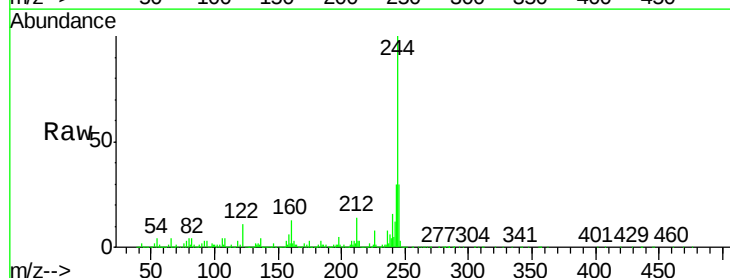
Tgt Ion:244 Resp: 2901248

Ion Ratio Lower Upper

244 100

212 13.9 10.8 16.2

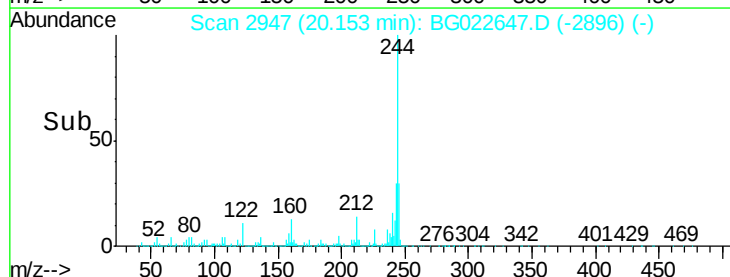
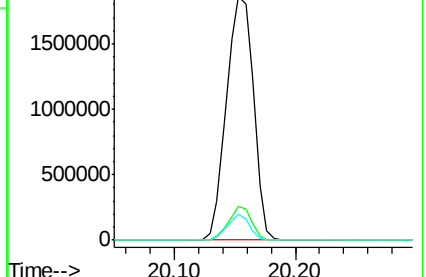
122 10.7 8.0 12.0

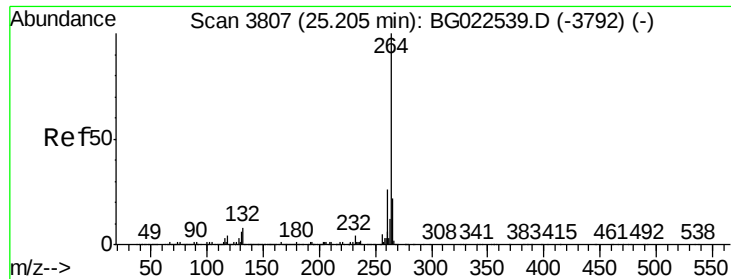


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. -0.00 min
Lab File: BG022647.D
Acq: 27 Jun 2016 17:41

Instrument :
BNA_G
ClientSampleId :
3A-9-11

Tot Ion:264 Resp: 1408625

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	21.2	18.9	28.3

