

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091215\
 Data File : BG018642.D
 Acq On : 11 Sep 2015 16:52
 Operator : UM/IZ
 Sample : G3590-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB

Quant Time: Sep 11 18:09:21 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 10:44:16 2015
 Response via : Initial Calibration

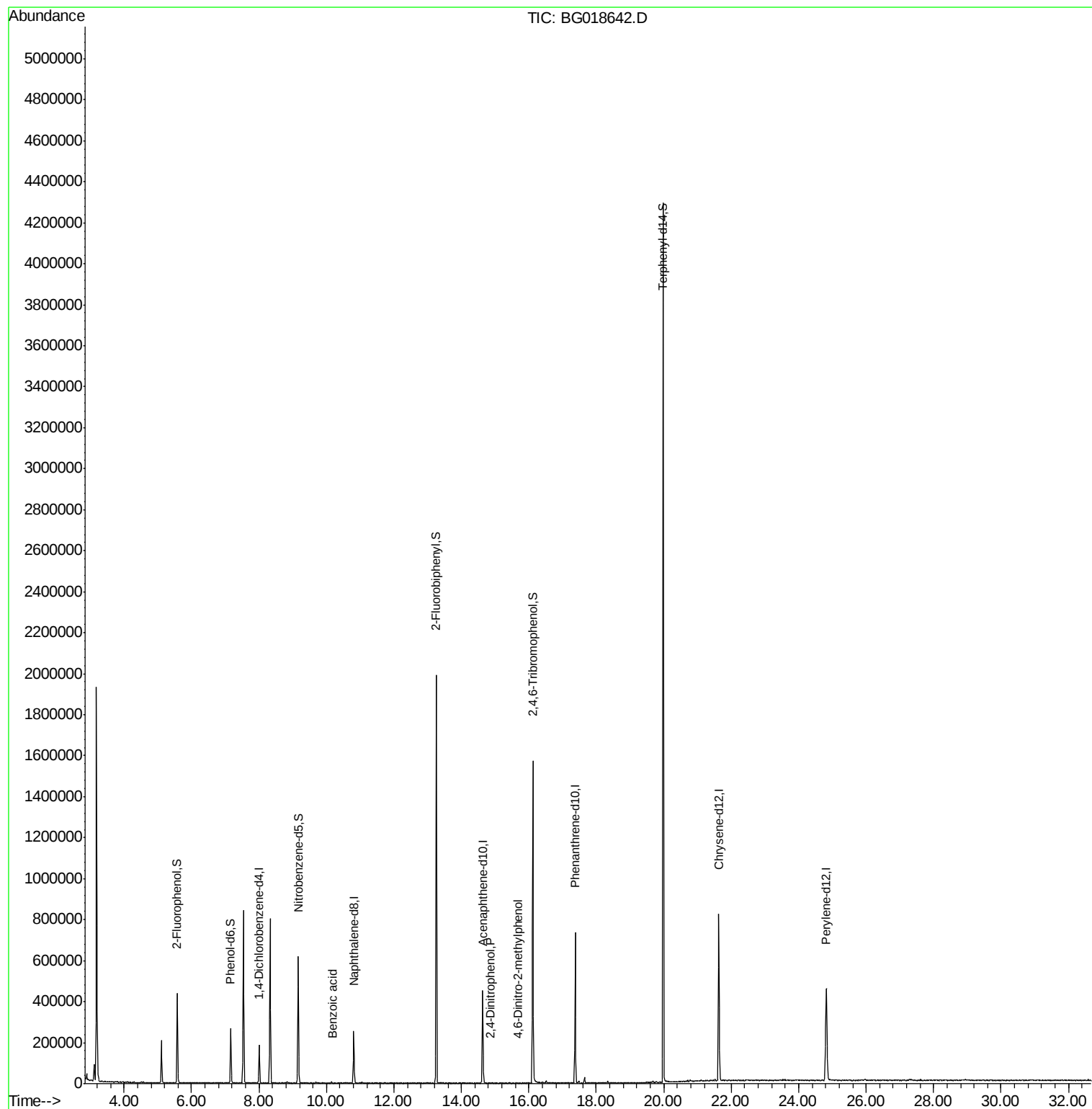
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	56649	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	226466	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	154537	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	433734	20.00	ng	0.00
75) Chrysene-d12	21.63	240	494249	20.00	ng	0.00
86) Perylene-d12	24.82	264	489514	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	208941	63.71	ng	0.00
7) Phenol-d6	7.16	99	176158	37.46	ng	0.00
23) Nitrobenzene-d5	9.17	82	398320	98.42	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	305827	146.97	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	1042484	93.64	ng	0.00
78) Terphenyl-d14	19.98	244	1806612	95.99	ng	0.00
Target Compounds						
32) Benzoic acid	10.19	122	55	7.95	ng	# 1
53) 2,4-Dinitrophenol	14.88	184	55	7.68	ng	# 24
64) 4,6-Dinitro-2-methylphenol	15.68	198	59	5.43	ng	# 37

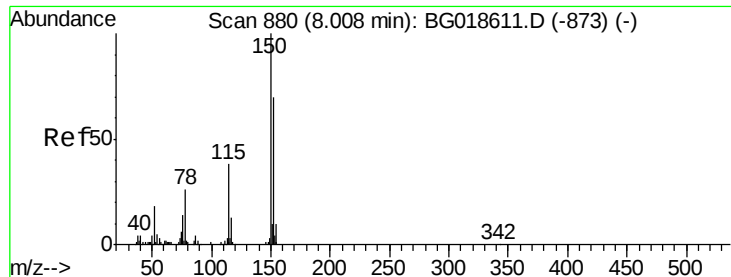
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 11 10:44:16 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.00 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG018642.D

Acq: 11 Sep 2015 16:52

Instrument :

BNA_G

ClientSampleId :

FB

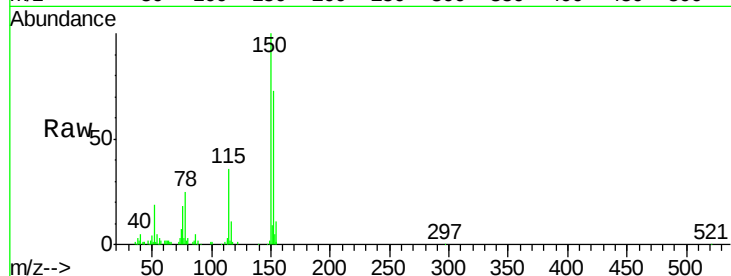
Tgt Ion:152 Resp: 56649

Ion Ratio Lower Upper

152 100

150 137.0 115.0 172.4

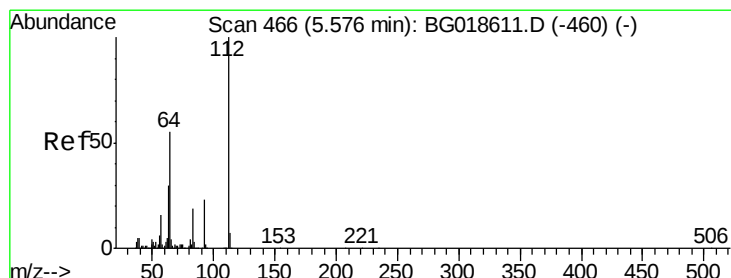
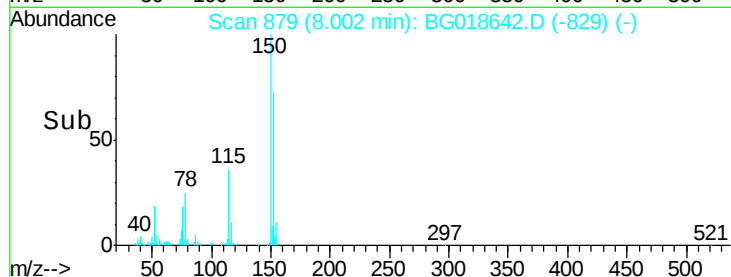
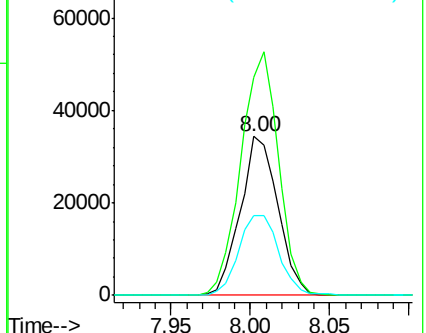
115 49.9 43.9 65.9



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: 63.71 ng

RT: 5.58 min Scan# 466

Delta R.T. -0.00 min

Lab File: BG018642.D

Acq: 11 Sep 2015 16:52

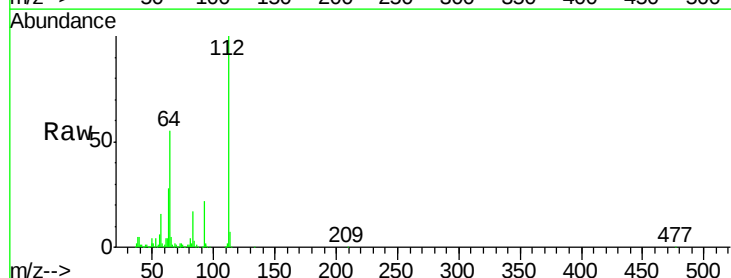
Tgt Ion:112 Resp: 208941

Ion Ratio Lower Upper

112 100

64 55.2 43.7 65.5

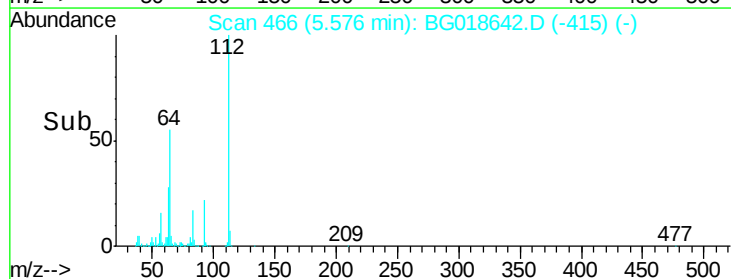
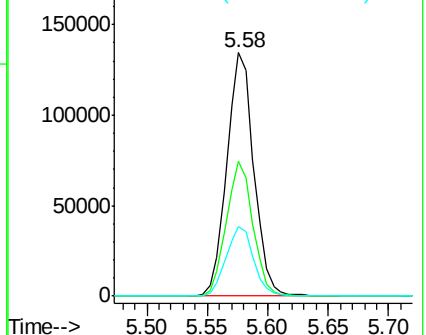
63 28.3 24.0 36.0

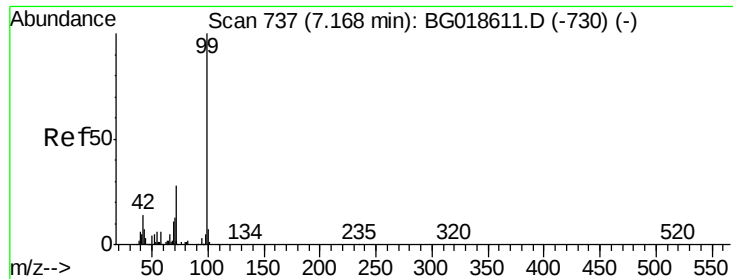


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 37.46 ng

RT: 7.16 min Scan# 736

Delta R.T. -0.00 min

Lab File: BG018642.D

Acq: 11 Sep 2015 16:52

Instrument :

BNA_G

ClientSampleId :

FB

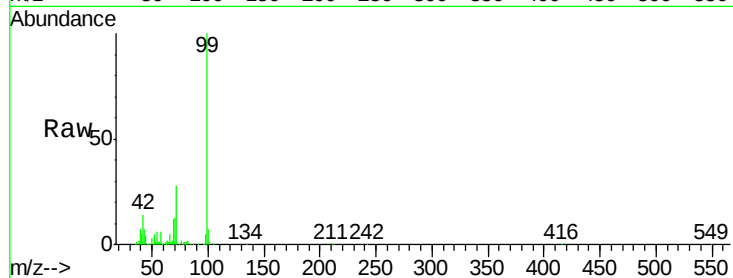
Tgt Ion: 99 Resp: 176158

Ion Ratio Lower Upper

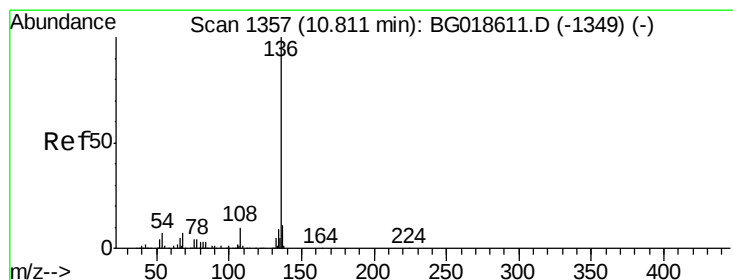
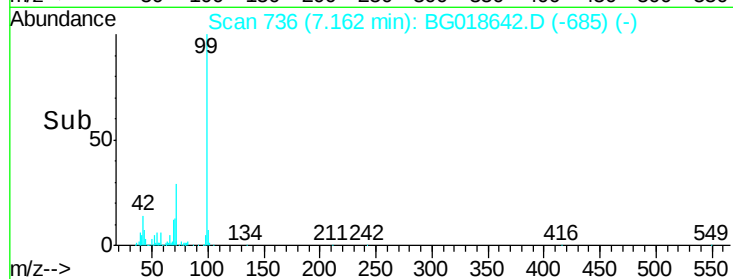
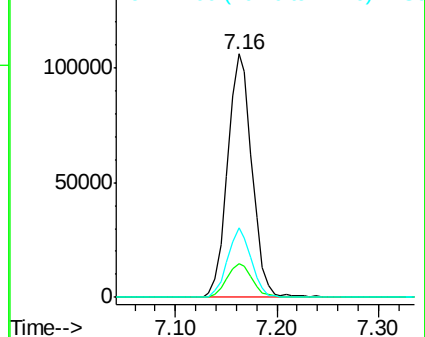
99 100

42 13.8 11.5 17.3

71 28.5 22.6 34.0



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: 10.81 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BG018642.D

Acq: 11 Sep 2015 16:52

Tgt Ion: 136 Resp: 226466

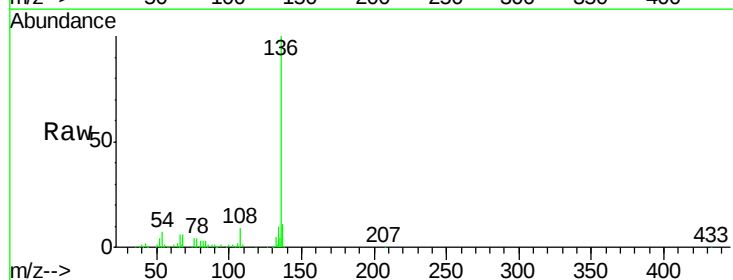
Ion Ratio Lower Upper

136 100

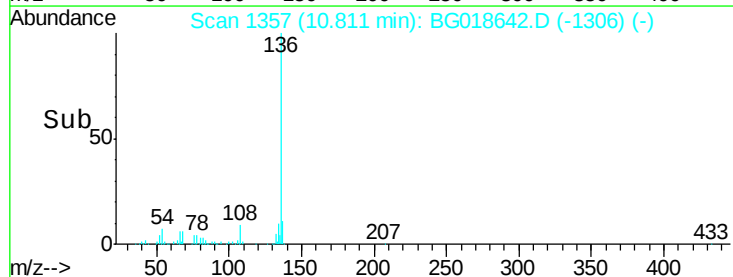
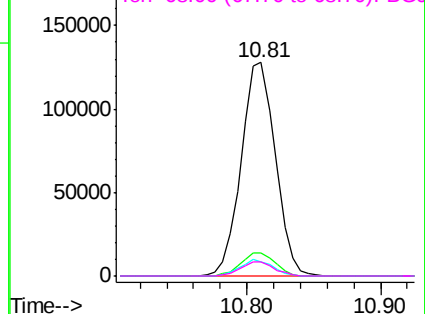
137 10.9 8.6 12.8

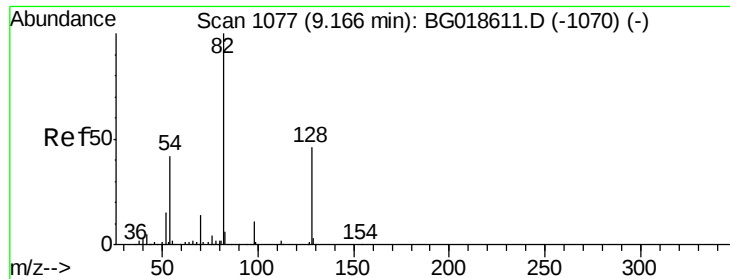
54 6.6 5.4 8.2

68 6.4 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

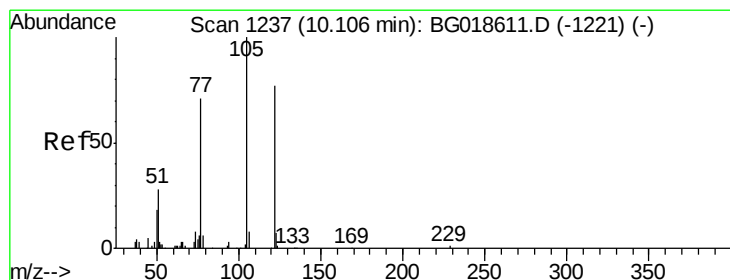
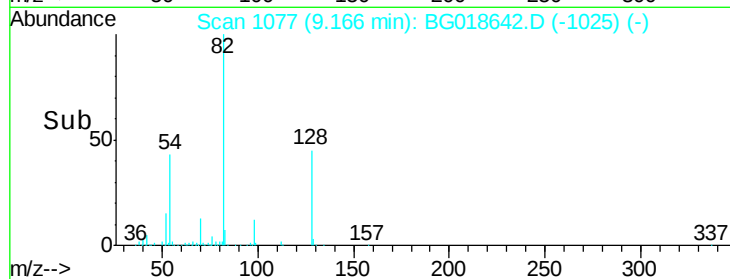
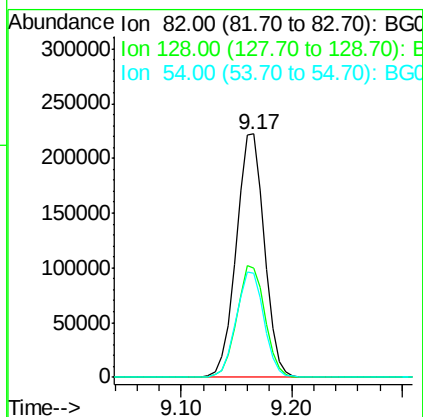
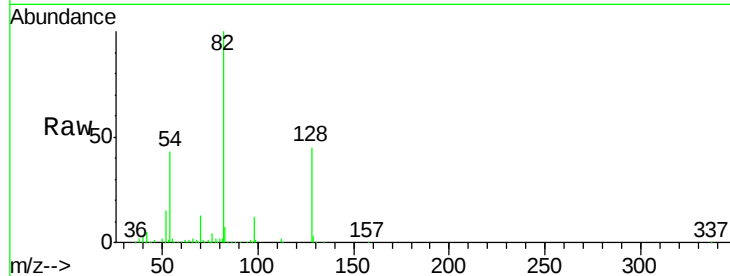




#23
 Nitrobenzene-d5
 Concen: 98.42 ng
 RT: 9.17 min Scan# 1077
 Delta R.T. 0.01 min
 Lab File: BG018642.D
 Acq: 11 Sep 2015 16:52

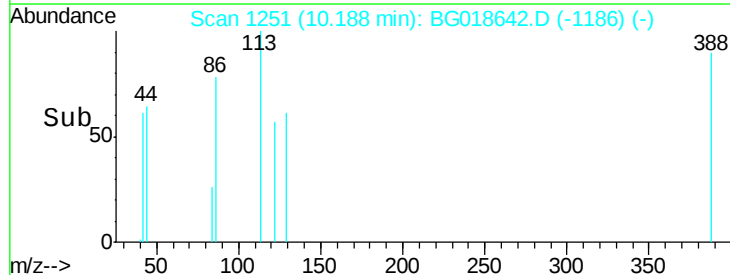
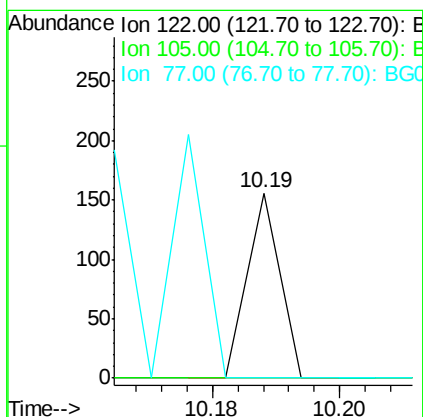
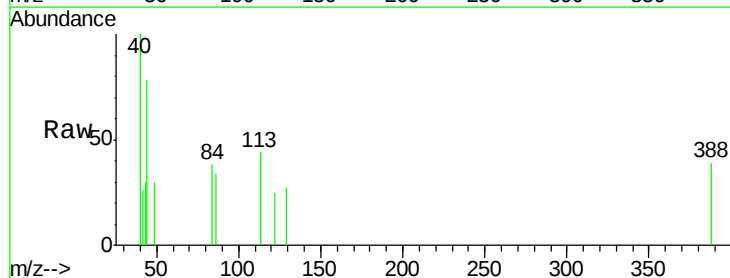
Instrument :
 BNA_G
 ClientSampled :
 FB

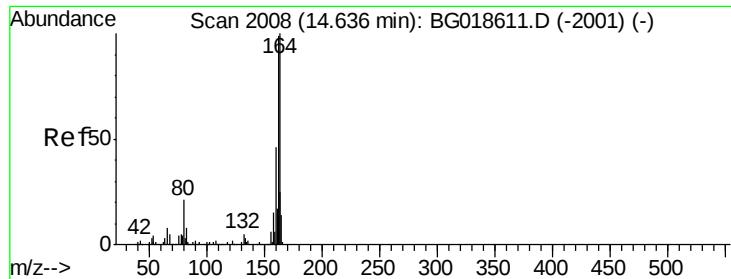
Tgt Ion: 82 Resp: 398320
 Ion Ratio Lower Upper
 82 100
 128 44.8 36.7 55.1
 54 43.0 33.8 50.8



#32
 Benzoic acid
 Concen: 7.95 ng
 RT: 10.19 min Scan# 1251
 Delta R.T. 0.08 min
 Lab File: BG018642.D
 Acq: 11 Sep 2015 16:52

Tgt Ion: 122 Resp: 55
 Ion Ratio Lower Upper
 122 100
 105 0.0 103.8 143.8#
 77 0.0 68.8 108.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.63 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BG018642.D

Acq: 11 Sep 2015 16:52

Instrument :

BNA_G

ClientSampleId :

FB

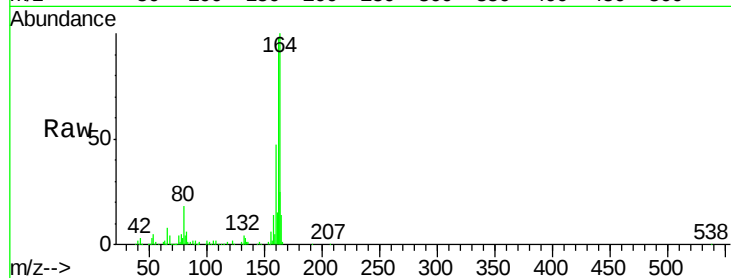
Tgt Ion:164 Resp: 154537

Ion Ratio Lower Upper

164 100

162 98.1 78.8 118.2

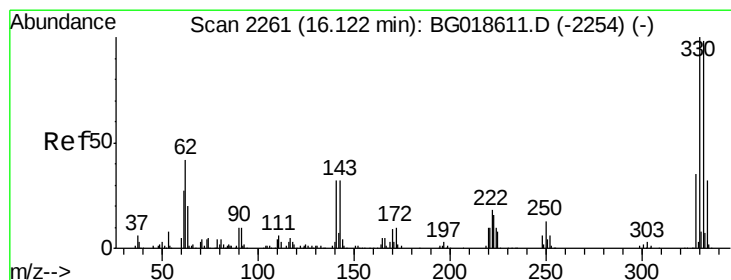
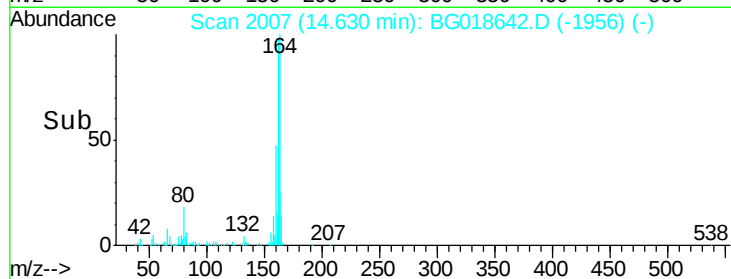
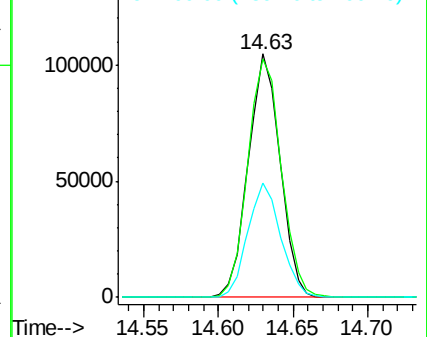
160 47.1 36.4 54.6



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: 146.97 ng

RT: 16.12 min Scan# 2260

Delta R.T. -0.00 min

Lab File: BG018642.D

Acq: 11 Sep 2015 16:52

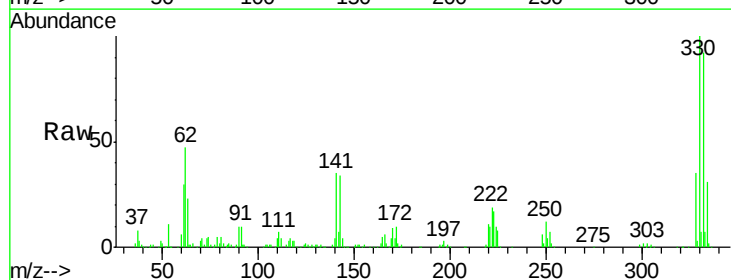
Tgt Ion:330 Resp: 305827

Ion Ratio Lower Upper

330 100

332 95.2 78.1 117.1

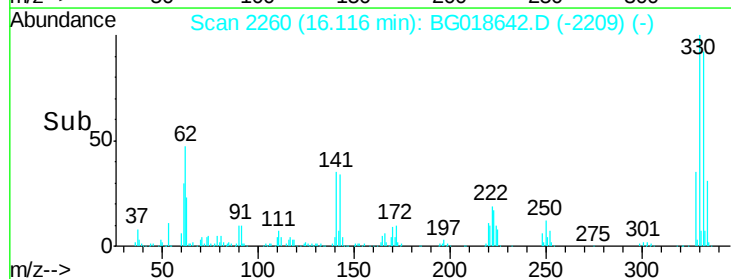
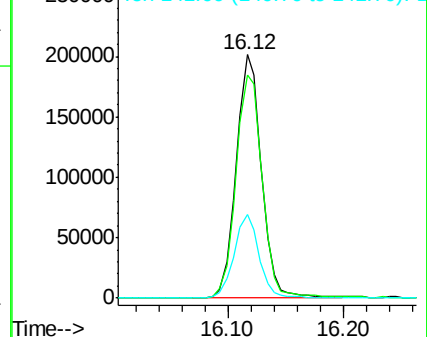
141 33.9 28.2 42.2

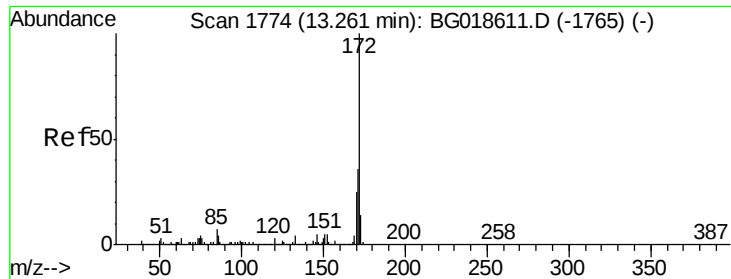


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

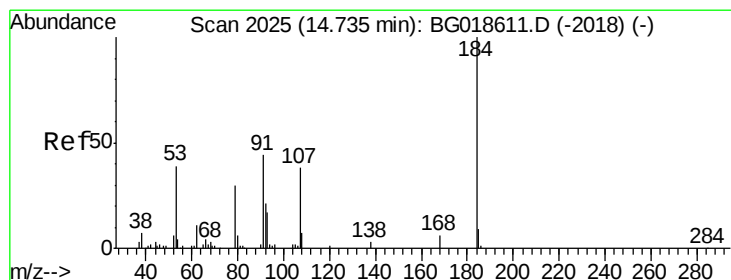
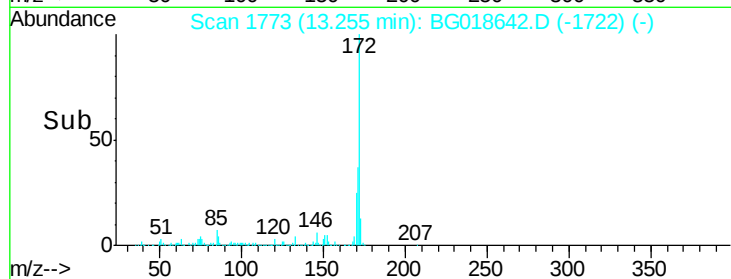
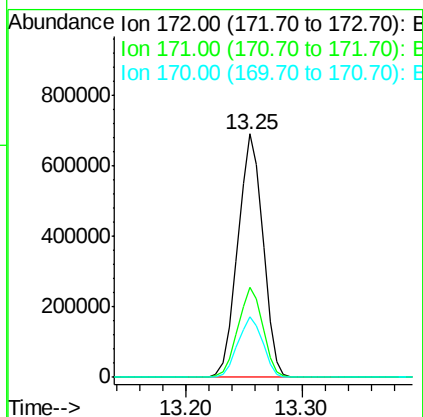
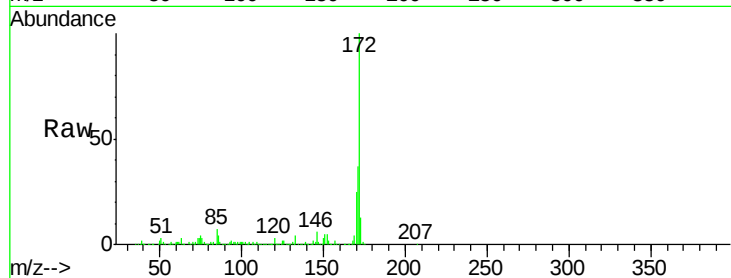




#44
2-Fluorobiphenyl
Concen: 93.64 ng
RT: 13.25 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG018642.D
Acq: 11 Sep 2015 16:52

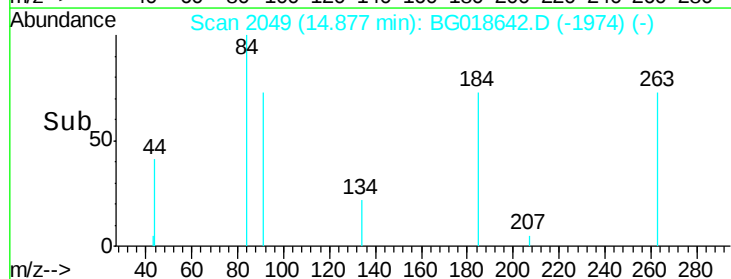
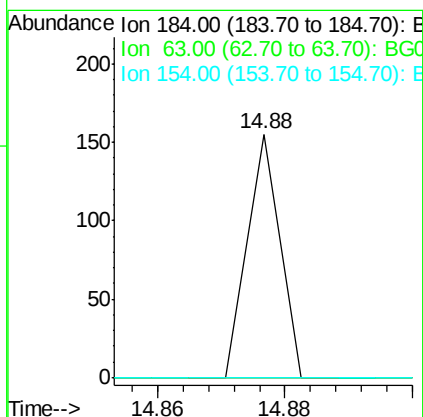
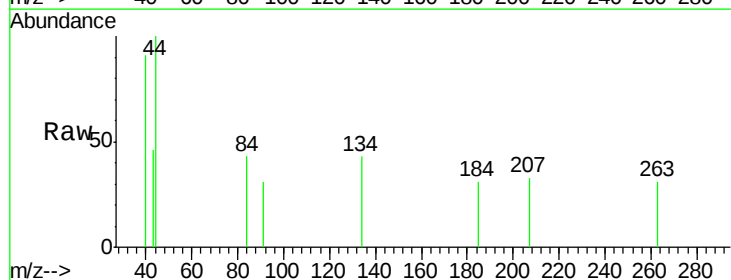
Instrument :
BNA_G
ClientSampleId :
FB

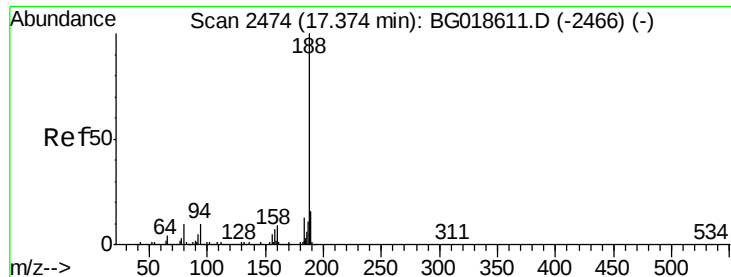
Tgt Ion:172 Resp: 1042484
Ion Ratio Lower Upper
172 100
171 37.0 29.0 43.6
170 25.0 19.9 29.9



#53
2,4-Dinitrophenol
Concen: 7.68 ng
RT: 14.88 min Scan# 2049
Delta R.T. 0.14 min
Lab File: BG018642.D
Acq: 11 Sep 2015 16:52

Tgt Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 0.0 42.7 64.1#
154 0.0 44.3 66.5#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2474

Delta R.T. -0.00 min

Lab File: BG018642.D

Acq: 11 Sep 2015 16:52

Instrument :

BNA_G

ClientSampleId :

FB

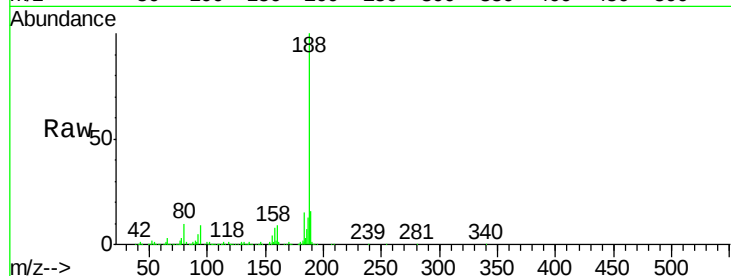
Tgt Ion:188 Resp: 433734

Ion Ratio Lower Upper

188 100

94 9.2 7.7 11.5

80 10.0 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

400000

300000

200000

100000

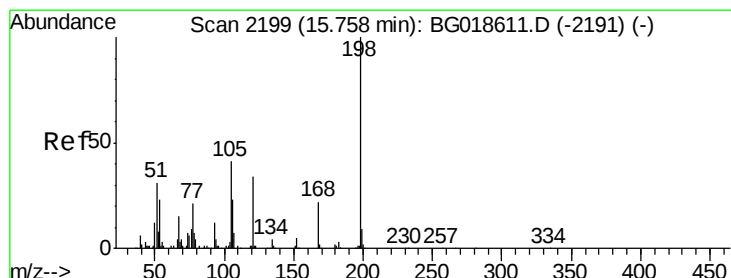
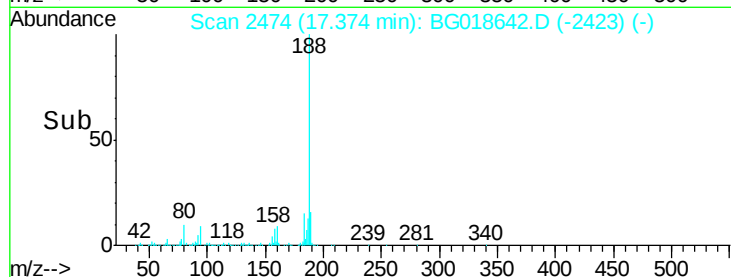
0

17.30

17.37

17.40

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 5.43 ng

RT: 15.68 min Scan# 2186

Delta R.T. -0.08 min

Lab File: BG018642.D

Acq: 11 Sep 2015 16:52

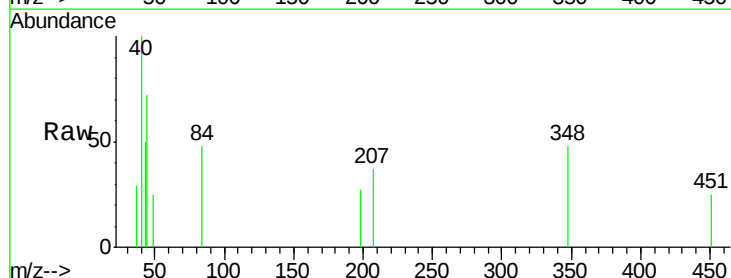
Tgt Ion:198 Resp: 59

Ion Ratio Lower Upper

198 100

51 0.0 14.2 54.2#

105 0.0 21.1 61.1#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

200

150

100

50

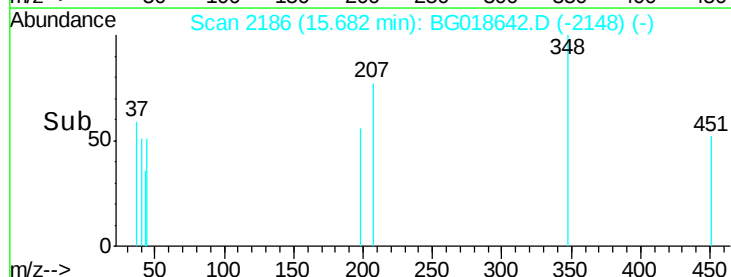
0

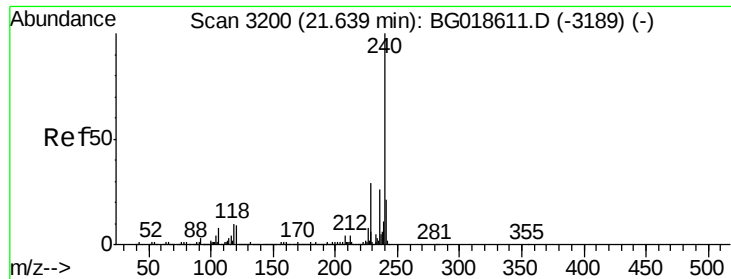
15.66

15.68

15.70

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3199

Delta R.T. -0.00 min

Lab File: BG018642.D

Acq: 11 Sep 2015 16:52

Instrument :

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FB

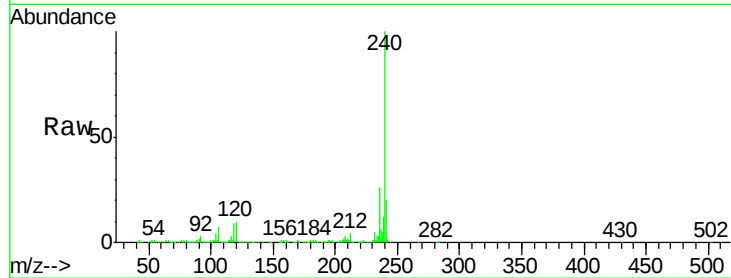
Tgt Ion:240 Resp: 494249

Ion Ratio Lower Upper

240 100

120 9.6 7.4 11.0

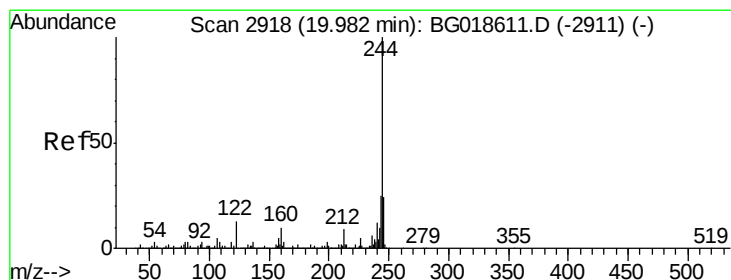
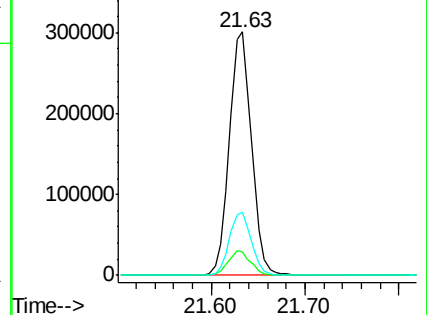
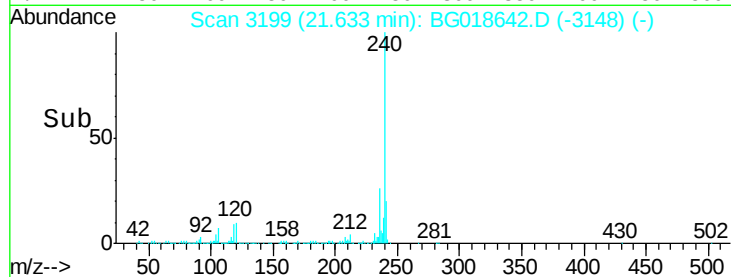
236 26.1 20.7 31.1



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: 95.99 ng

RT: 19.98 min Scan# 2918

Delta R.T. -0.00 min

Lab File: BG018642.D

Acq: 11 Sep 2015 16:52

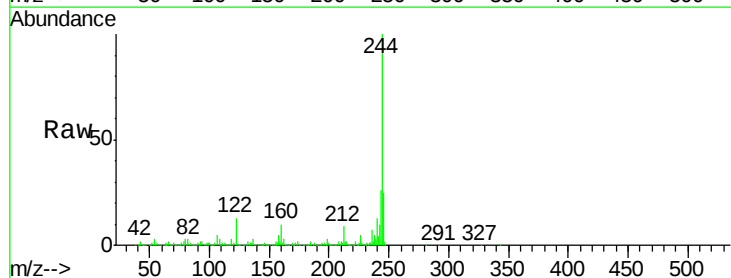
Tgt Ion:244 Resp: 1806612

Ion Ratio Lower Upper

244 100

212 9.1 6.9 10.3

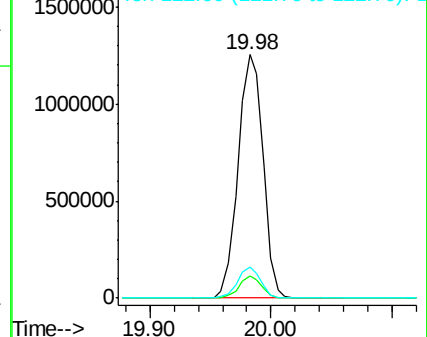
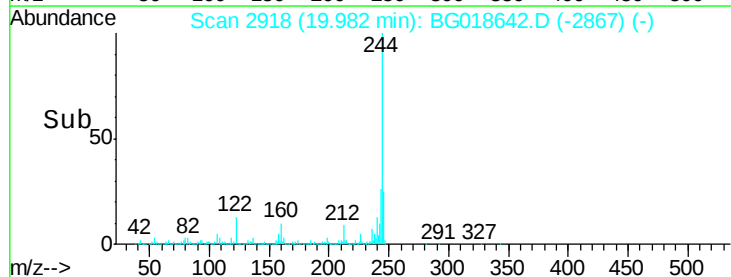
122 12.8 10.2 15.2

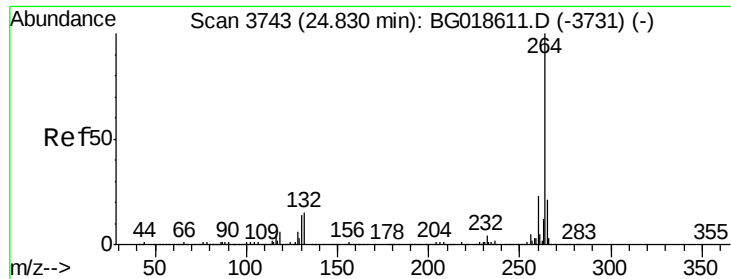


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.82 min Scan# 3741
Delta R.T. -0.01 min
Lab File: BG018642.D
Acq: 11 Sep 2015 16:52

Instrument :
BNA_G
ClientSampleId :
FB

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	21.9	17.2	25.8

