

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
 Data File : BG022558.D
 Acq On : 25 Jun 2016 4:07
 Operator : UM/SJ
 Sample : H3630-13
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B1409-TPGW01-0616

Quant Time: Jun 25 05:42:14 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

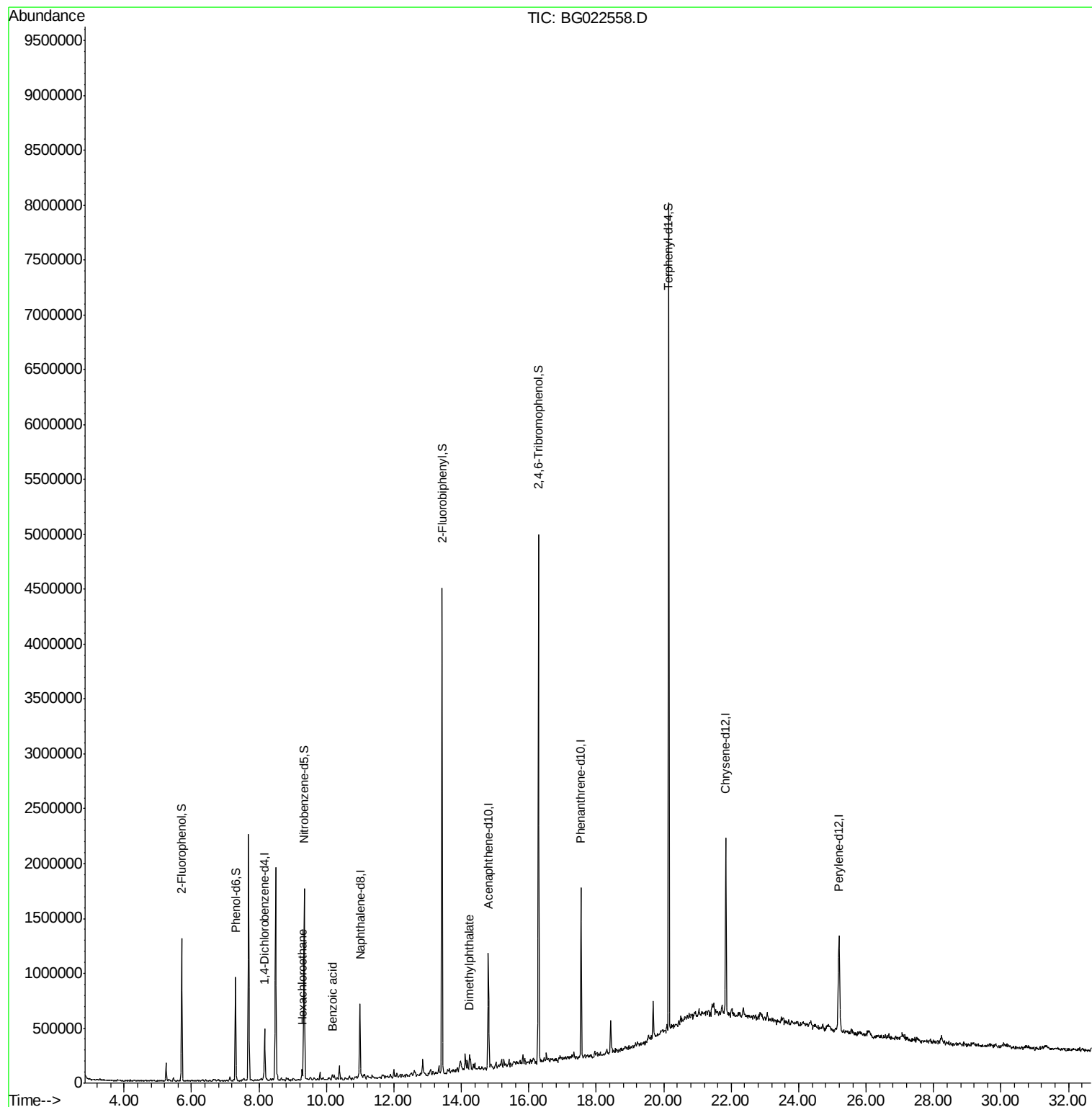
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	112854	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	505983	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	352152	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	886042	20.00	ng	0.00
75) Chrysene-d12	21.84	240	989076	20.00	ng	0.00
86) Perylene-d12	25.19	264	1022882	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	506774	72.03	ng	0.00
7) Phenol-d6	7.30	99	500917	50.51	ng	0.00
23) Nitrobenzene-d5	9.34	82	1096754	91.74	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	812770	146.74	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2076913	93.53	ng	0.00
78) Terphenyl-d14	20.15	244	2652757	71.06	ng	0.00
Target Compounds						
18) Hexachloroethane	9.28	117	12722	3.46	ng	Qvalue # 1
32) Benzoic acid	10.19	122	2521	5.49	ng	96
49) Dimethylphthalate	14.24	163	76986	2.64	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: 8.17 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG022558.D

Acq: 25 Jun 2016 4:07

Instrument :

BNA_G

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B1409-TPGW01-0616

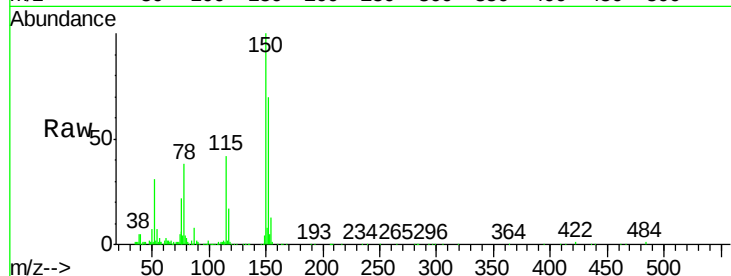
Tgt Ion:152 Resp: 112854

Ion Ratio Lower Upper

152 100

150 143.8 144.7 217.1#

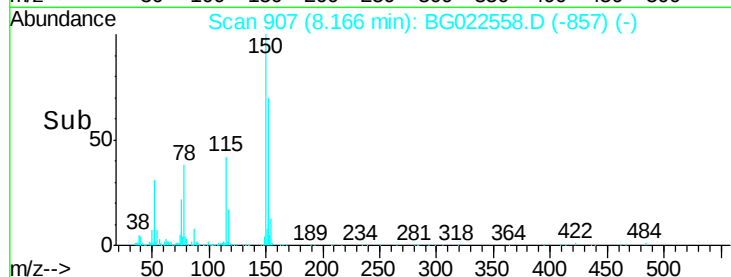
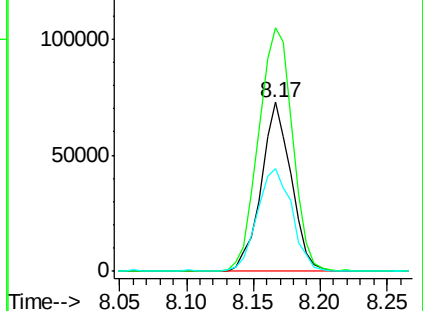
115 60.9 64.0 96.0#



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: 72.03 ng

RT: 5.70 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG022558.D

Acq: 25 Jun 2016 4:07

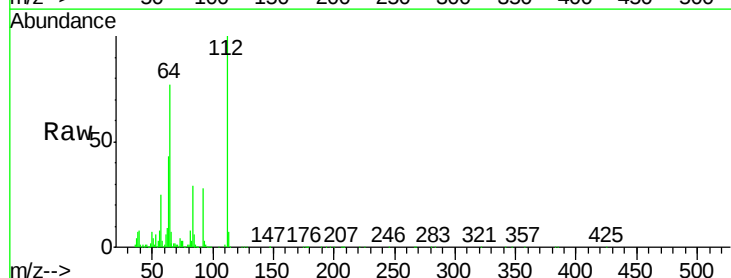
Tgt Ion:112 Resp: 506774

Ion Ratio Lower Upper

112 100

64 76.7 59.0 88.4

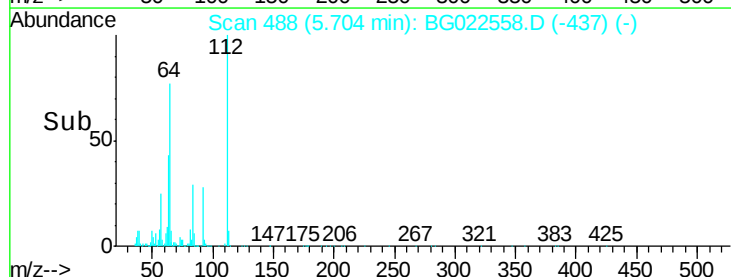
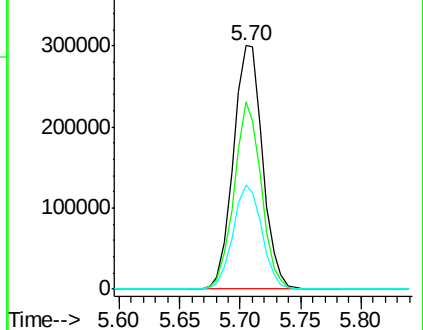
63 42.6 37.8 56.8



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: 50.51 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022558.D

Acq: 25 Jun 2016 4:07

Instrument :

BNA_G

ClientSampleId :

B1409-TPGW01-0616

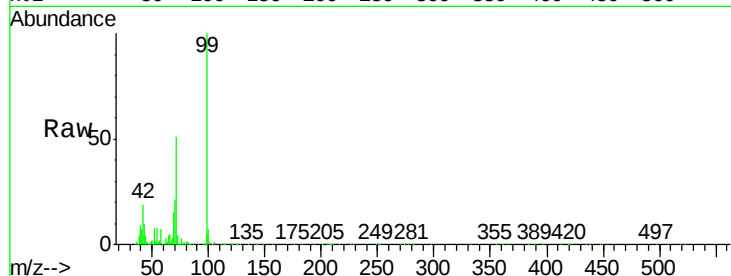
Tgt Ion: 99 Resp: 500917

Ion Ratio Lower Upper

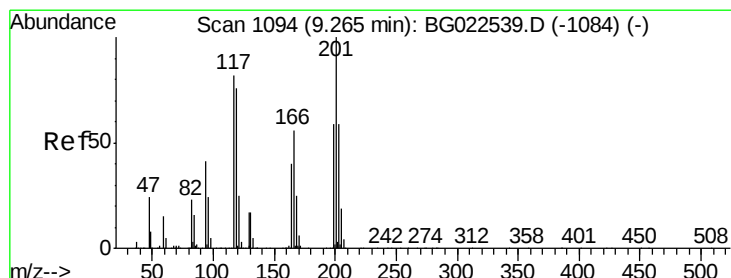
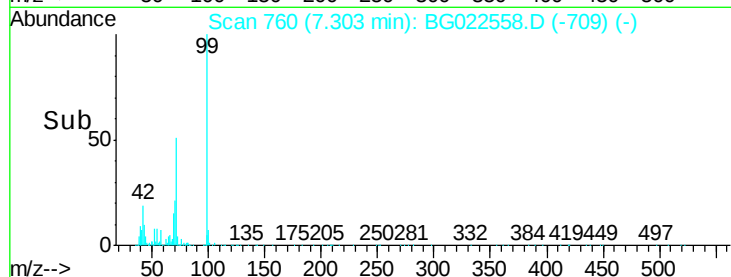
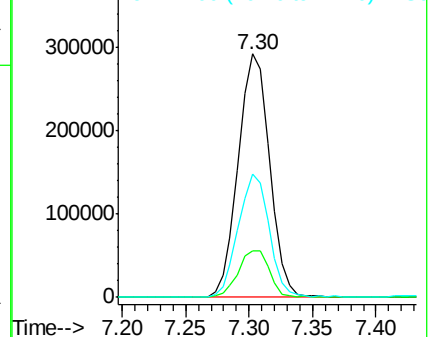
99 100

42 18.9 17.8 26.6

71 50.8 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



#18

Hexachloroethane

Concen: 3.46 ng

RT: 9.28 min Scan# 1097

Delta R.T. 0.02 min

Lab File: BG022558.D

Acq: 25 Jun 2016 4:07

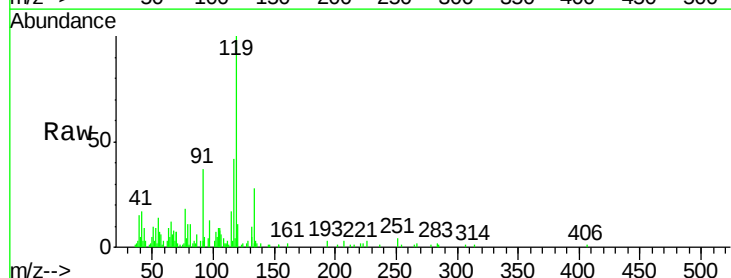
Tgt Ion: 117 Resp: 12722

Ion Ratio Lower Upper

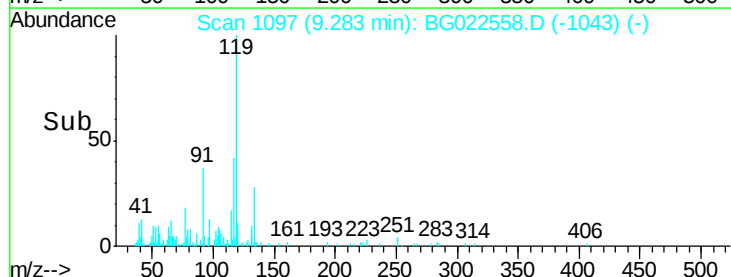
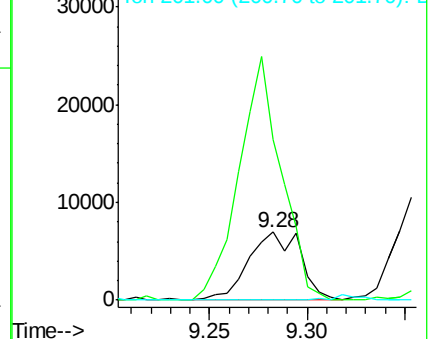
117 100

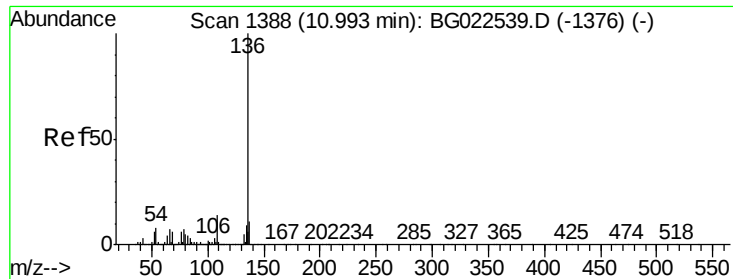
119 237.4 73.7 110.5#

201 0.0 88.7 133.1#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

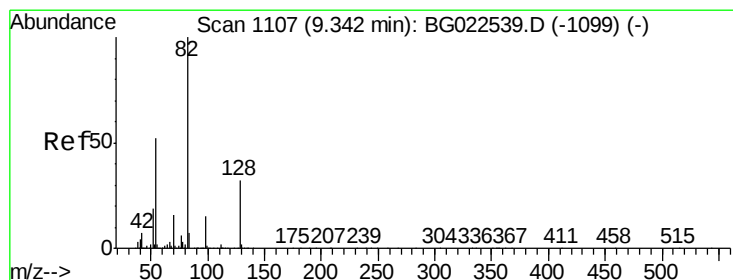
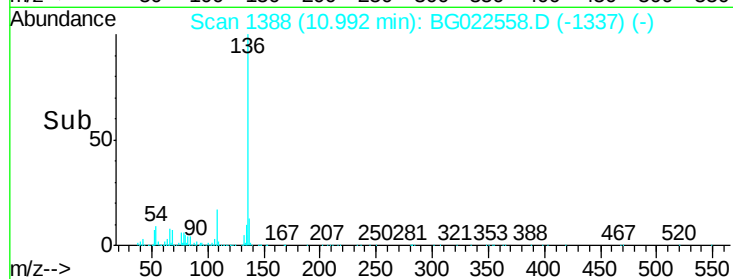
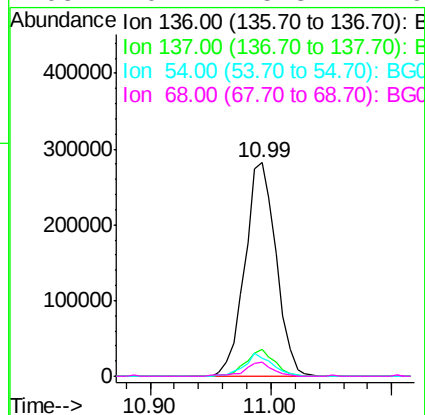
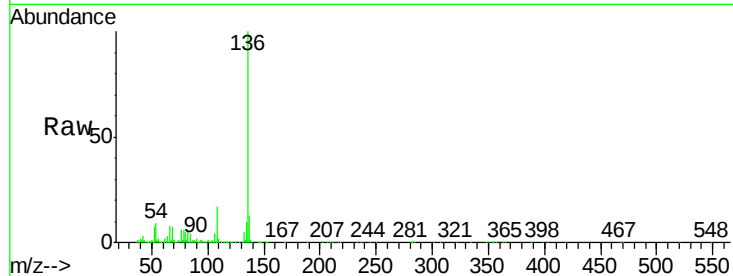




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BG022558.D
Acq: 25 Jun 2016 4:07

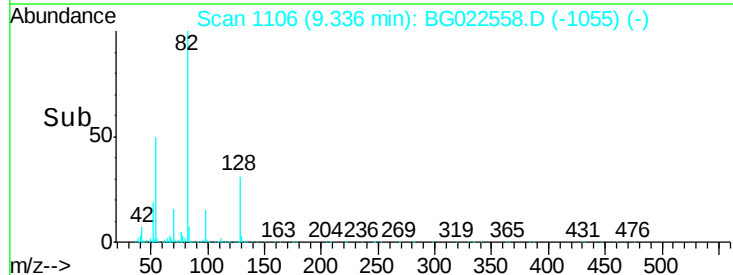
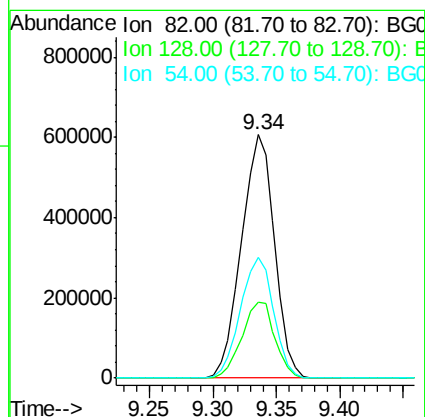
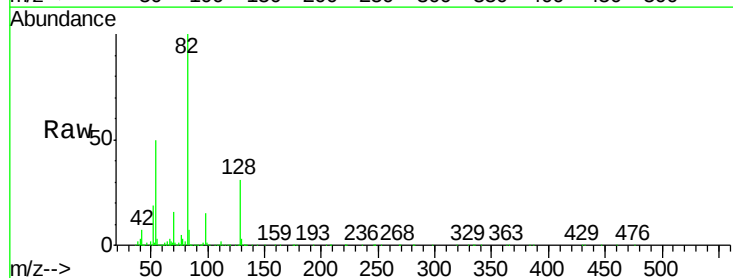
Instrument :
BNA_G
ClientSampleId :
B1409-TPGW01-0616

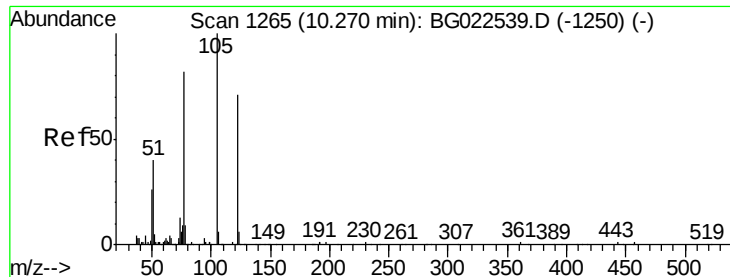
Tgt Ion:	136	Resp:	505983
Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.6	14.4
54	8.6	7.3	10.9
68	6.7	5.3	7.9



#23
Nitrobenzene-d5
Concen: 91.74 ng
RT: 9.34 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BG022558.D
Acq: 25 Jun 2016 4:07

Tgt Ion:	82	Resp:	1096754
Ion	Ratio	Lower	Upper
82	100		
128	31.2	24.4	36.6
54	49.5	41.4	62.0





#32

Benzoic acid

Concen: 5.49 ng

RT: 10.19 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BG022558.D

Acq: 25 Jun 2016 4:07

Instrument :

BNA_G

ClientSampleId :

B1409-TPGW01-0616

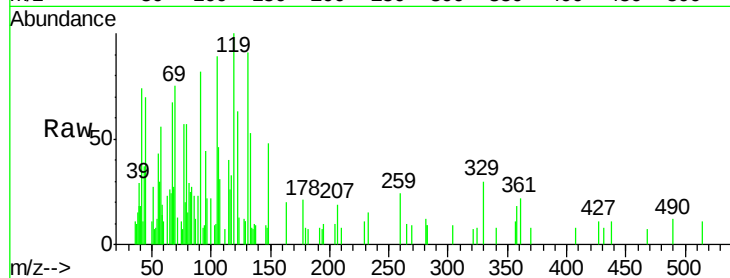
Tgt Ion:122 Resp: 2521

Ion Ratio Lower Upper

122 100

105 142.3 117.2 157.2

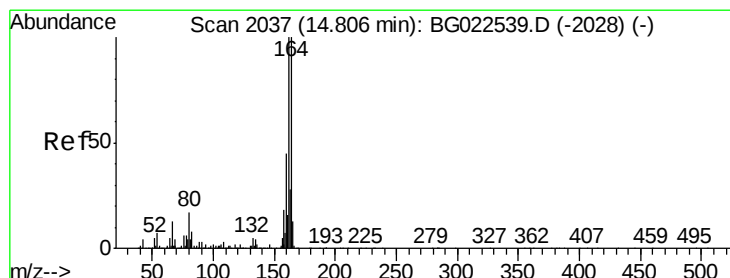
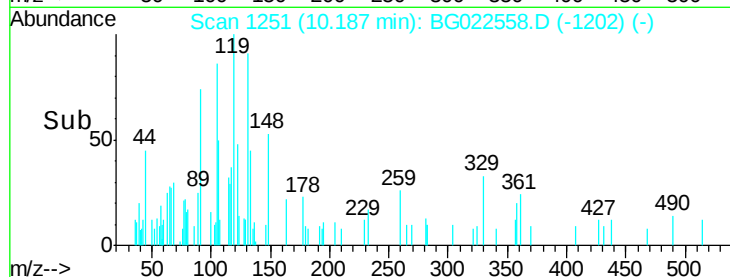
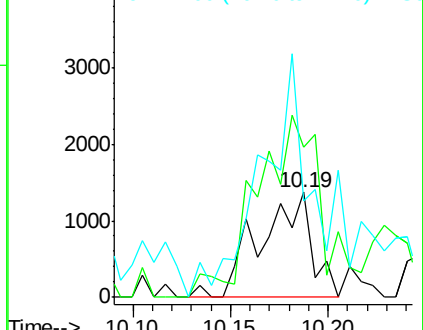
77 123.7 109.2 149.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): B



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG022558.D

Acq: 25 Jun 2016 4:07

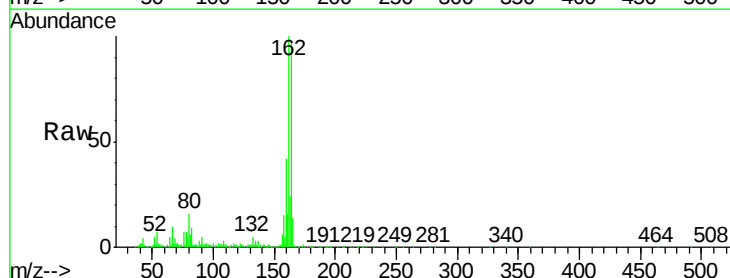
Tgt Ion:164 Resp: 352152

Ion Ratio Lower Upper

164 100

162 102.8 87.7 131.5

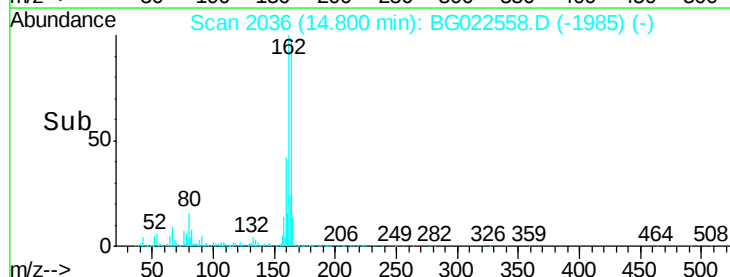
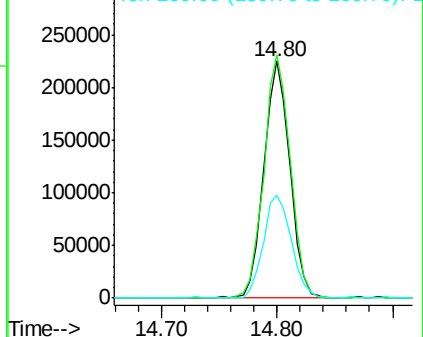
160 43.5 37.2 55.8

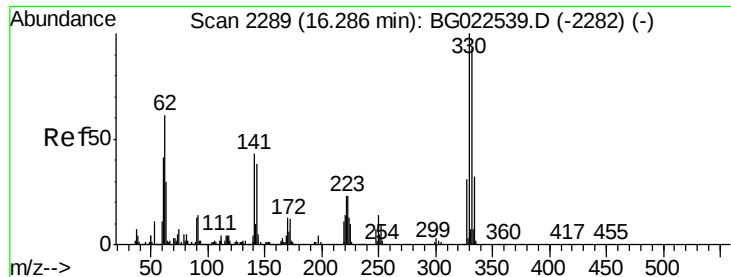


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

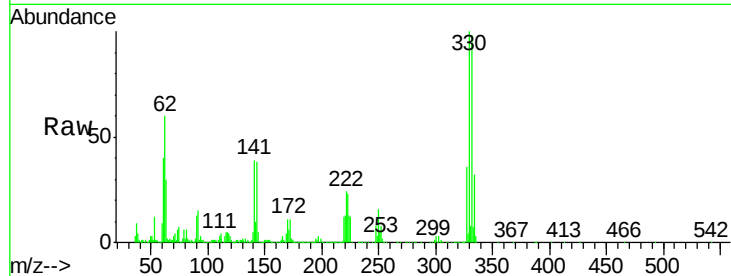




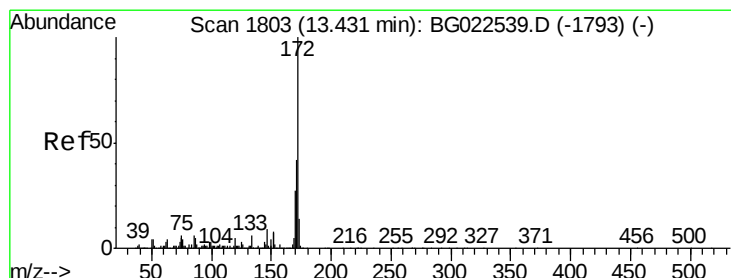
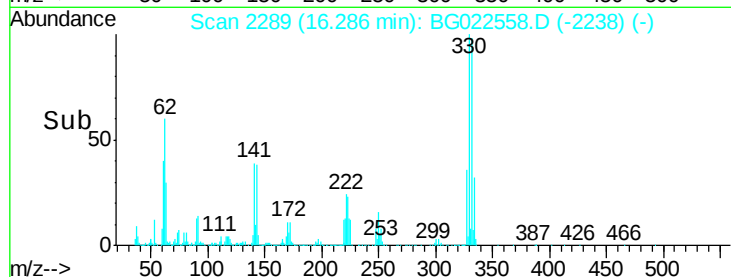
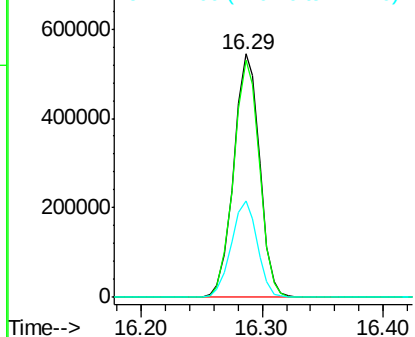
#41
2,4,6-Tribromophenol
Concen: 146.74 ng
RT: 16.29 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BG022558.D
Acq: 25 Jun 2016 4:07

Instrument :
BNA_G
ClientSampleId :
B1409-TPGW01-0616

Tgt Ion:330 Resp: 812770
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.2
141 39.8 31.7 47.5

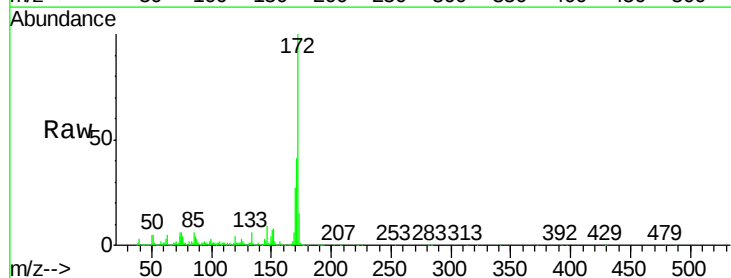


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

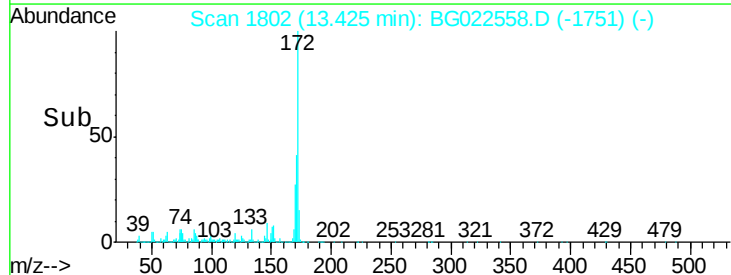
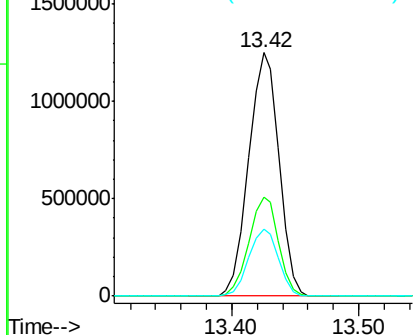


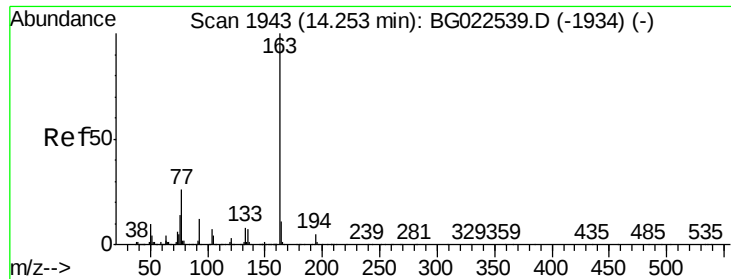
#44
2-Fluorobiphenyl
Concen: 93.53 ng
RT: 13.42 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BG022558.D
Acq: 25 Jun 2016 4:07

Tgt Ion:172 Resp: 2076913
Ion Ratio Lower Upper
172 100
171 40.5 31.6 47.4
170 27.5 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: 2.64 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BG022558.D

Acq: 25 Jun 2016 4:07

Instrument :

BNA_G

ClientSampleId :

B1409-TPGW01-0616

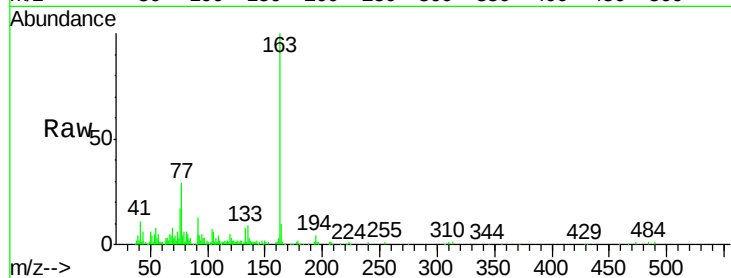
Tgt Ion:163 Resp: 76986

Ion Ratio Lower Upper

163 100

194 4.0 3.6 5.4

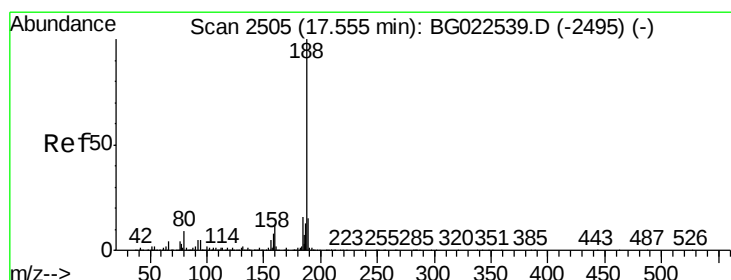
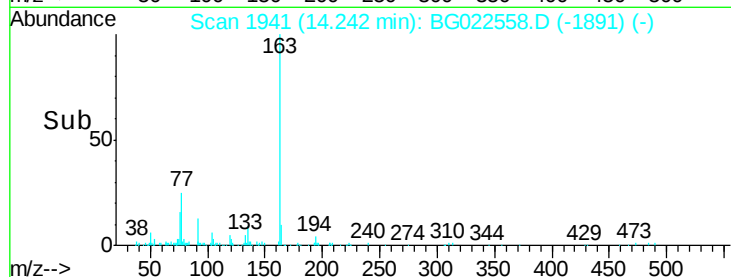
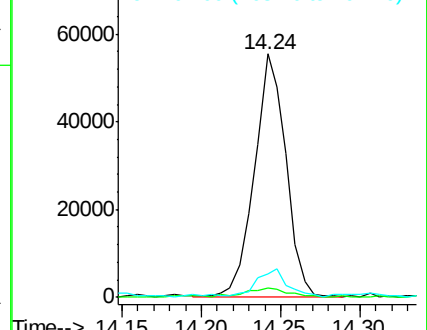
164 9.6 8.1 12.1



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: 17.55 min Scan# 2504

Delta R.T. -0.00 min

Lab File: BG022558.D

Acq: 25 Jun 2016 4:07

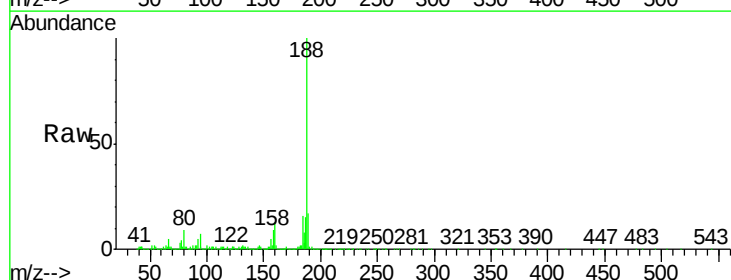
Tgt Ion:188 Resp: 886042

Ion Ratio Lower Upper

188 100

94 7.1 5.2 7.8

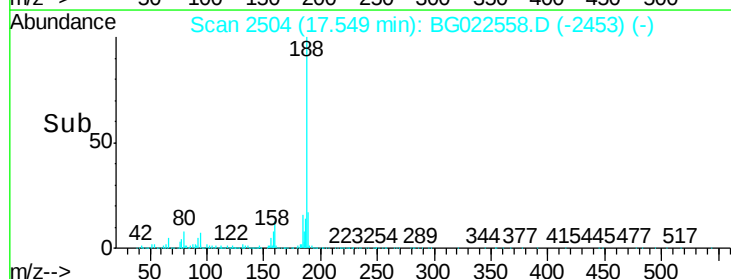
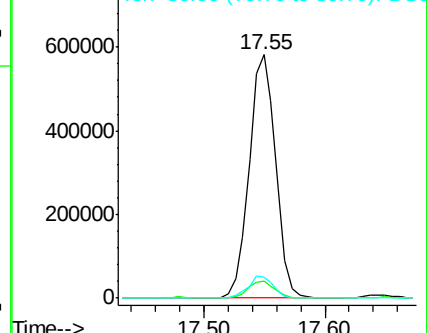
80 8.6 7.2 10.8

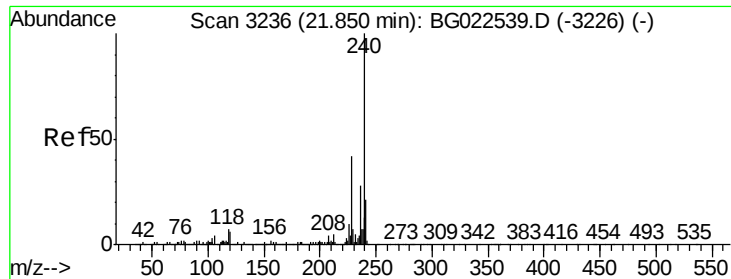


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3234

Delta R.T. -0.01 min

Lab File: BG022558.D

Acq: 25 Jun 2016 4:07

Instrument :

BNA_G

ClientSampleId :

B1409-TPGW01-0616

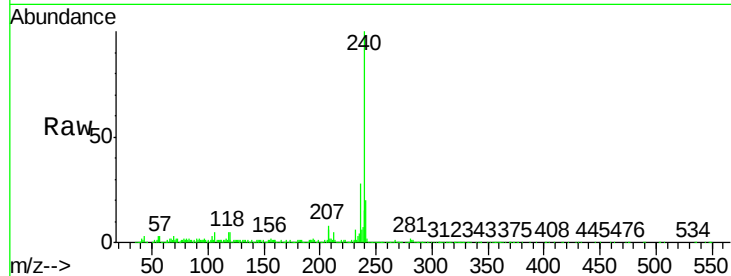
Tgt Ion:240 Resp: 989076

Ion Ratio Lower Upper

240 100

120 5.3 4.1 6.1

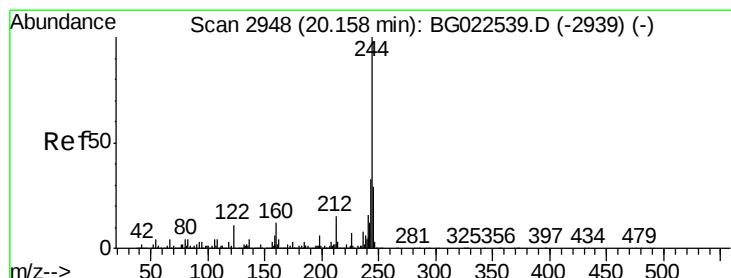
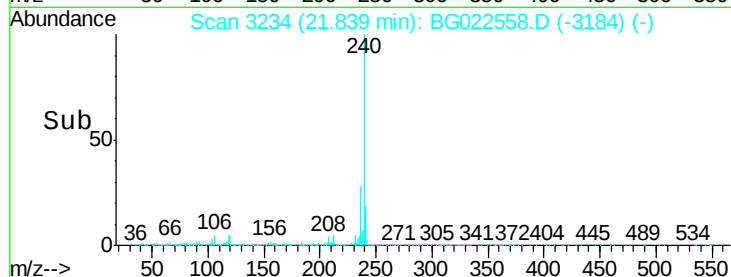
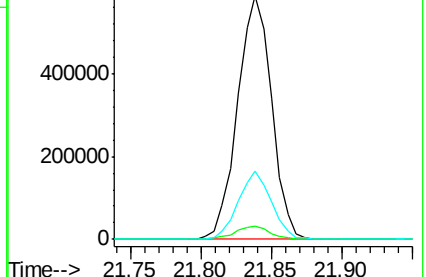
236 28.2 21.1 31.7



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: 71.06 ng

RT: 20.15 min Scan# 2946

Delta R.T. -0.01 min

Lab File: BG022558.D

Acq: 25 Jun 2016 4:07

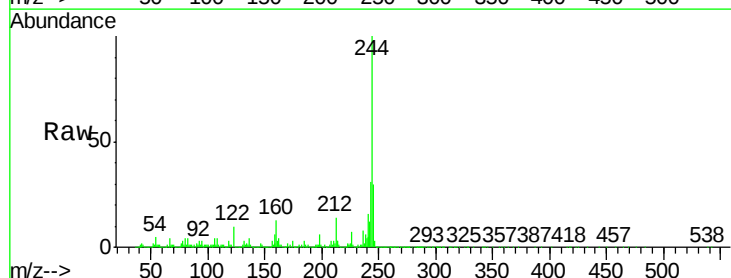
Tgt Ion:244 Resp: 2652757

Ion Ratio Lower Upper

244 100

212 14.3 10.8 16.2

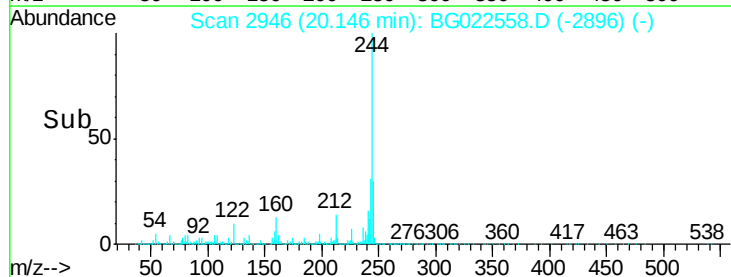
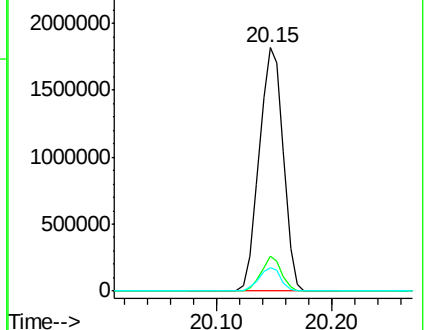
122 9.8 8.0 12.0

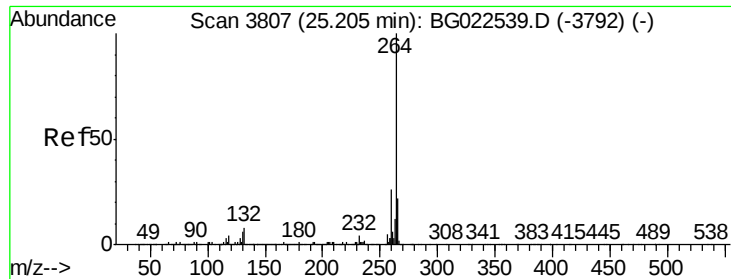


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.19 min Scan# 3805
 Delta R.T. -0.01 min
 Lab File: BG022558.D
 Acq: 25 Jun 2016 4:07

Instrument :
 BNA_G
 ClientSampleId :
 B1409-TPGW01-0616

Tgt Ion: 264 Resp: 1022882
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.4 27.6
 265 21.2 18.9 28.3

