

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071218\
 Data File : BG035610.D
 Acq On : 13 Jul 2018 1:04
 Operator : JU/SJ
 Sample : J3947-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAR-3

Quant Time: Jul 13 04:52:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

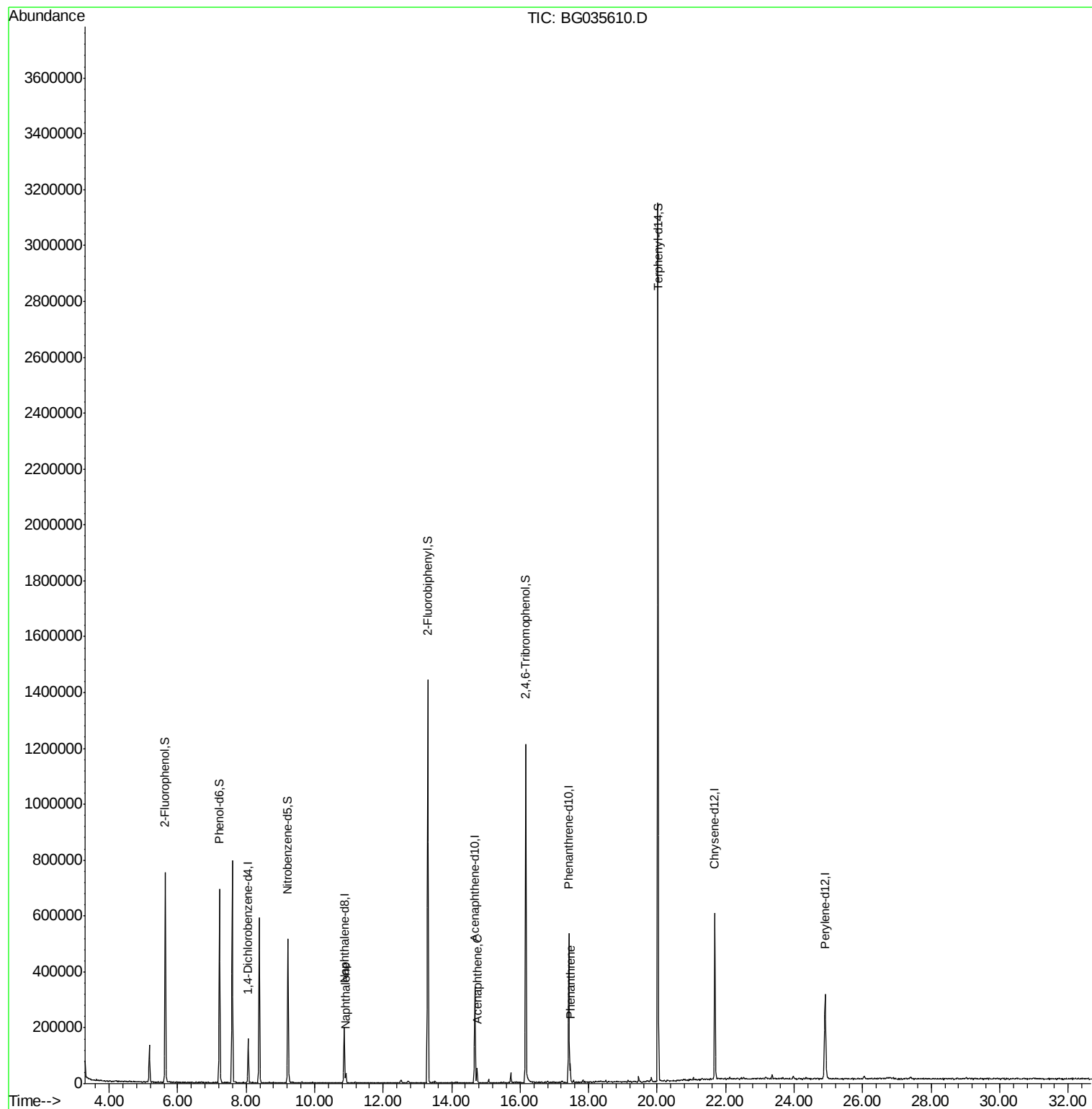
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	43055	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	162073	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	119299	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	332850	20.00	ng	0.00
75) Chrysene-d12	21.68	240	367258	20.00	ng	0.00
86) Perylene-d12	24.90	264	335216	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	313562	120.91	ng	0.00
7) Phenol-d6	7.22	99	405899	104.91	ng	0.00
23) Nitrobenzene-d5	9.22	82	338824	87.33	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	221934	141.14	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	745193	83.69	ng	0.00
78) Terphenyl-d14	20.03	244	1465842	87.98	ng	0.00
Target Compounds						
31) Naphthalene	10.91	128	28051	3.323	ng	Qvalue # 90
51) Acenaphthene	14.74	154	20248	2.697	ng	96
70) Phenanthrene	17.46	178	41089	2.474	ng	96

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

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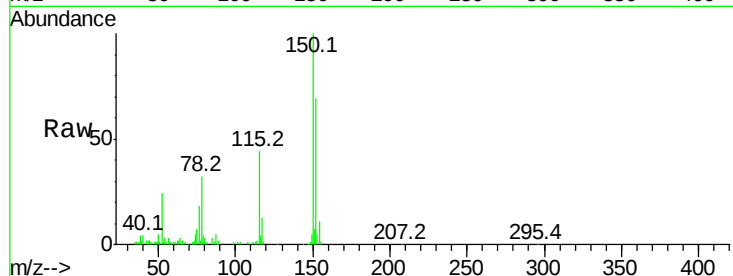


#1

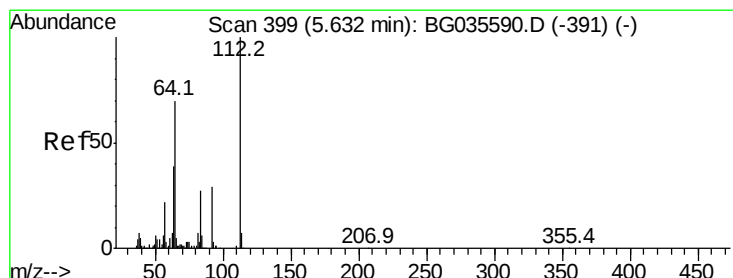
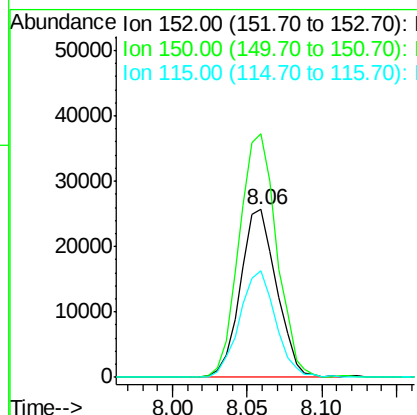
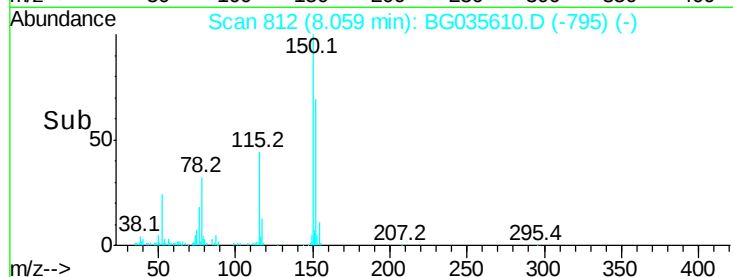
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. 0.00 min
Lab File: BG035610.D
Acq: 13 Jul 2018 1:04

Instrument :
BNA_G
ClientSampled :
PAR-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.2	126.6	189.8
115	63.5	53.0	79.4



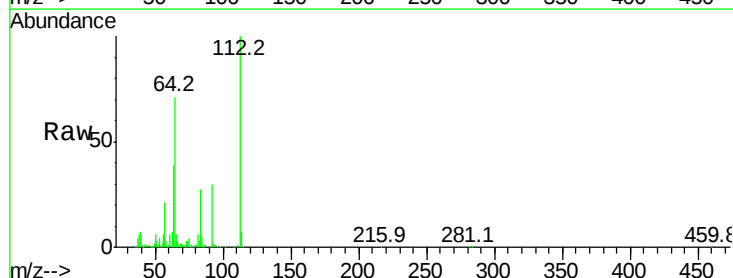
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



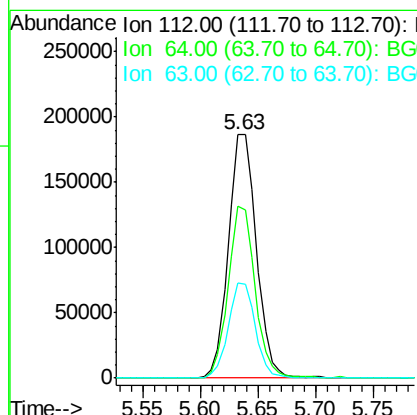
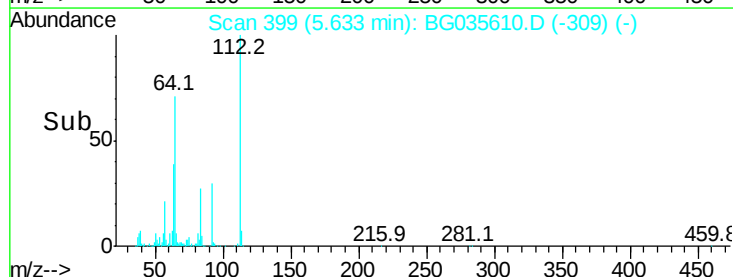
#5

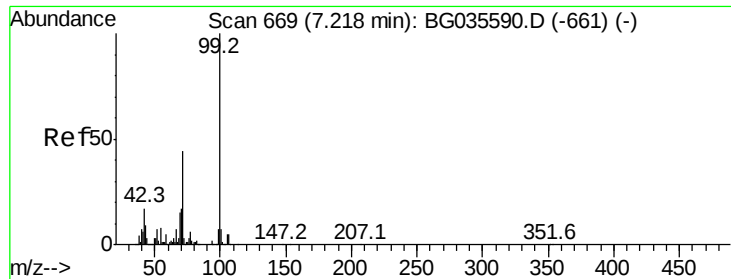
2-Fluorophenol
Concen: 120.912 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG035610.D
Acq: 13 Jul 2018 1:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.8	56.3	84.5
63	39.0	30.1	45.1



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: 104.906 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG035610.D

Acq: 13 Jul 2018 1:04

Instrument :

BNA_G

ClientSampleId :

PAR-3

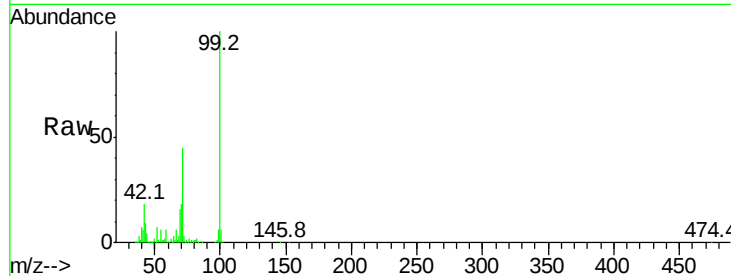
Tot Ion: 99 Resp: 405899

Ion Ratio Lower Upper

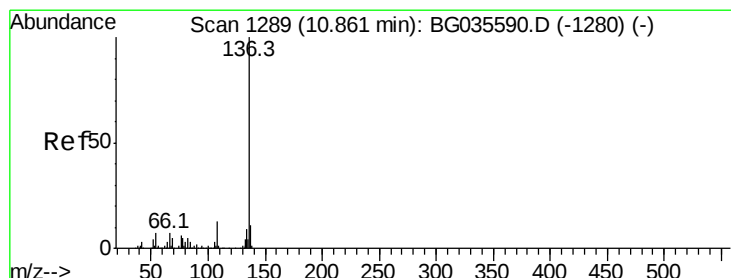
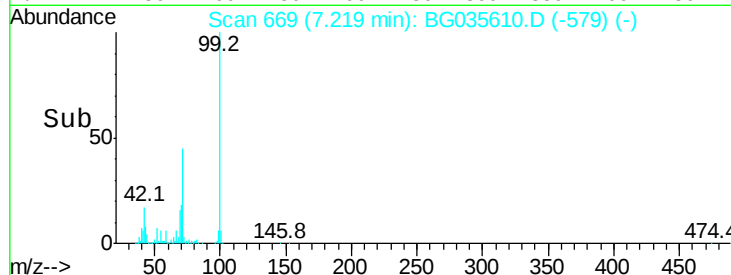
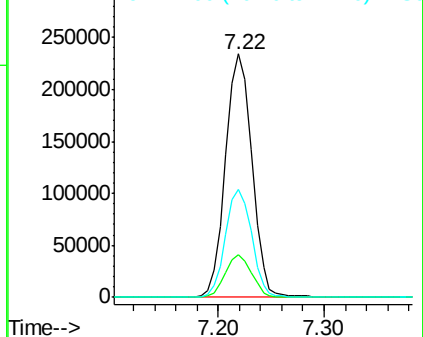
99 100

42 17.5 14.1 21.1

71 44.6 26.1 39.1#



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: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BG035610.D

Acq: 13 Jul 2018 1:04

Tgt Ion: 136 Resp: 162073

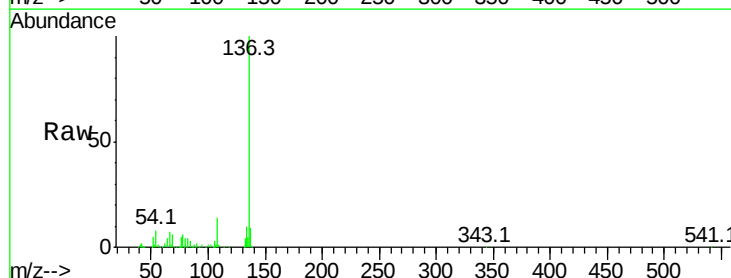
Ion Ratio Lower Upper

136 100

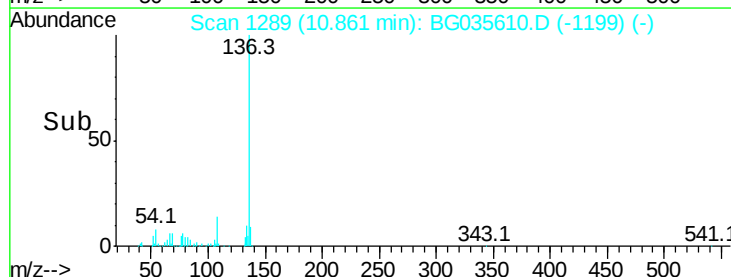
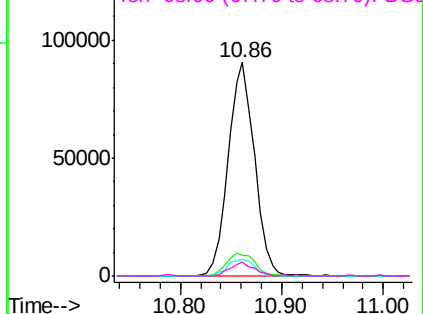
137 9.5 9.2 13.8

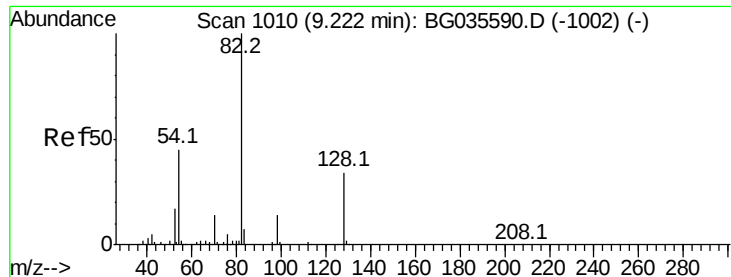
54 8.1 10.3 15.5#

68 6.3 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: 87.333 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BG035610.D

Acq: 13 Jul 2018 1:04

Instrument :

BNA_G

ClientSampleId :

PAR-3

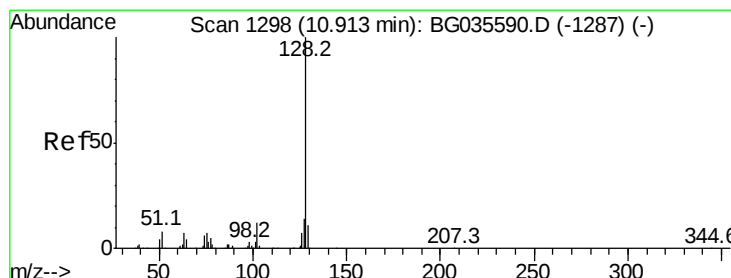
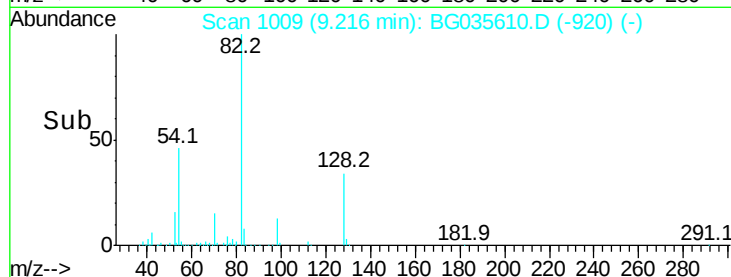
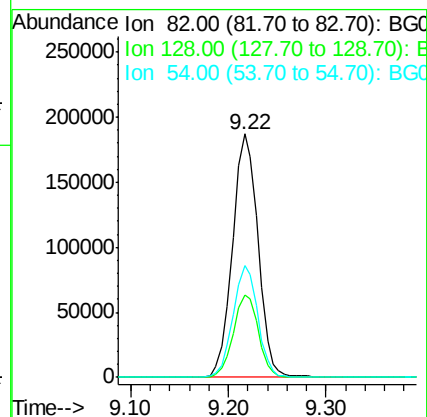
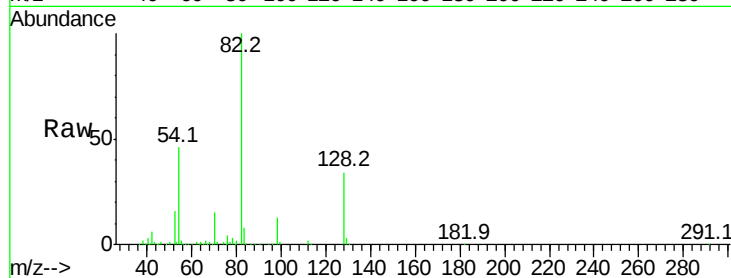
Tot Ion: 82 Resp: 338824

Ion Ratio Lower Upper

82 100

128 33.6 29.7 44.5

54 46.2 43.1 64.7



#31

Naphthalene

Concen: 3.323 ng

RT: 10.91 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BG035610.D

Acq: 13 Jul 2018 1:04

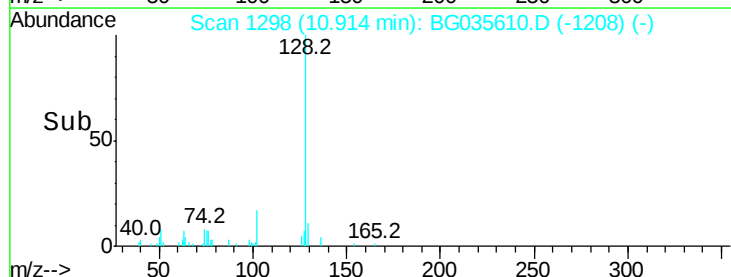
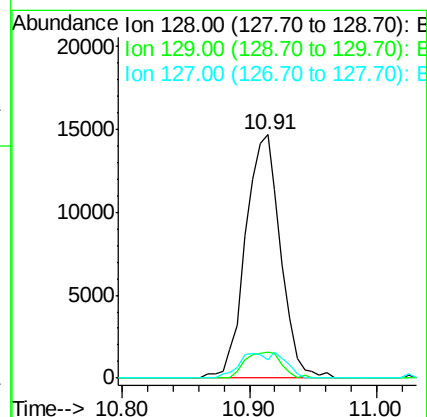
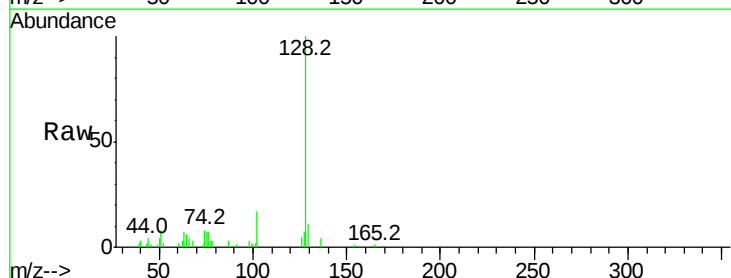
Tgt Ion: 128 Resp: 28051

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 7.4 11.6 17.4#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG035610.D

Acq: 13 Jul 2018 1:04

Instrument :

BNA_G

ClientSampleId :

PAR-3

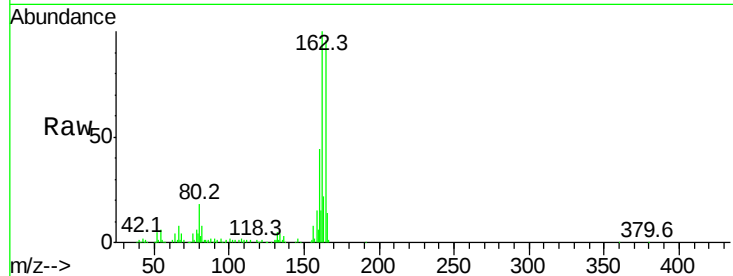
Tot Ion:164 Resp: 119299

Ion Ratio Lower Upper

164 100

162 104.2 78.8 118.2

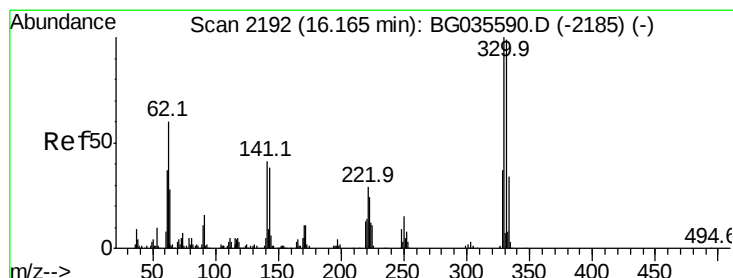
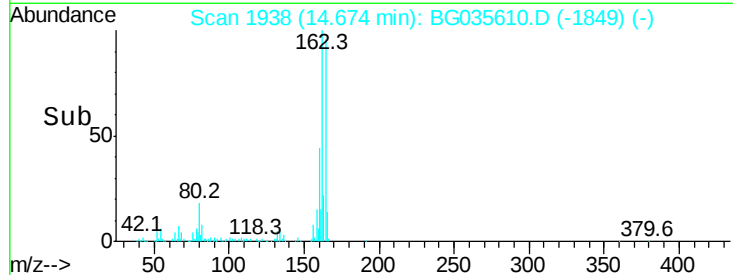
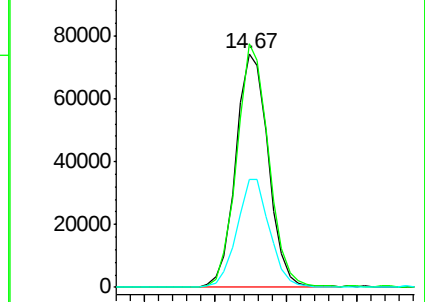
160 46.3 35.4 53.0



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: 141.140 ng

RT: 16.17 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG035610.D

Acq: 13 Jul 2018 1:04

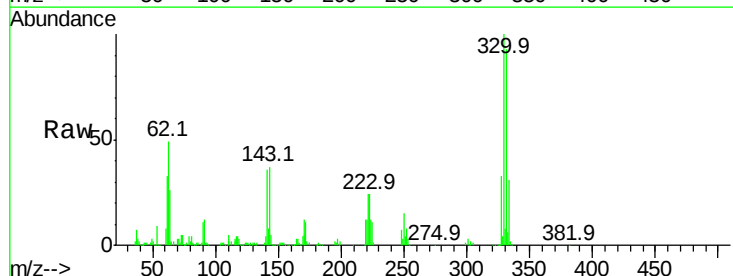
Tgt Ion:330 Resp: 221934

Ion Ratio Lower Upper

330 100

332 94.1 77.0 115.6

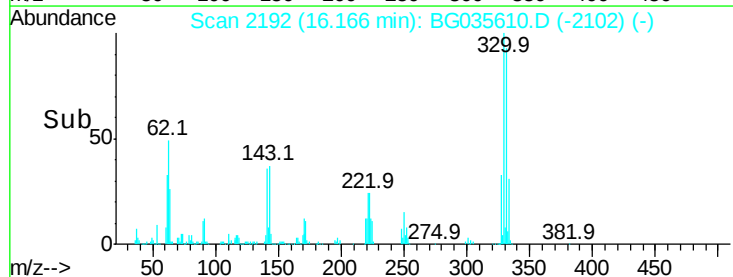
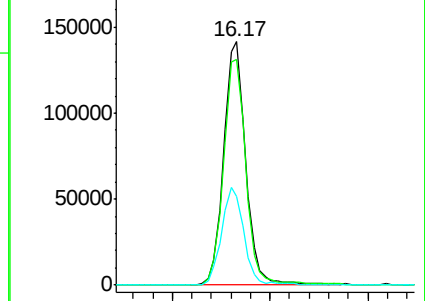
141 40.6 25.2 37.8#

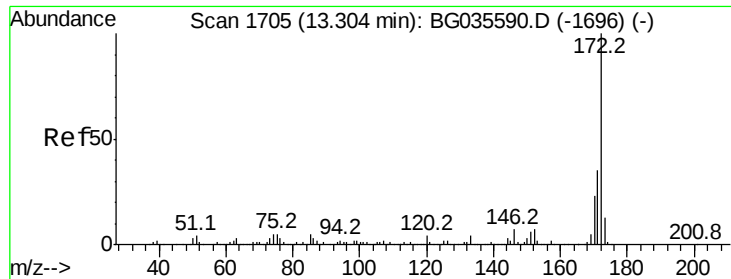


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

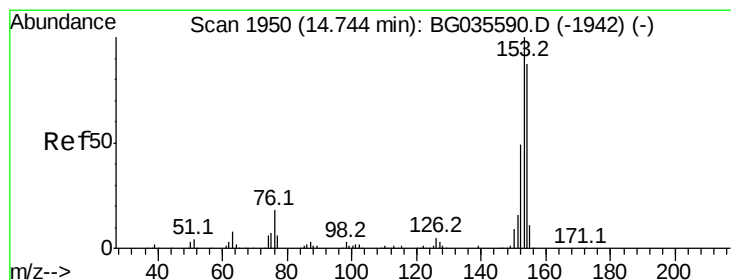
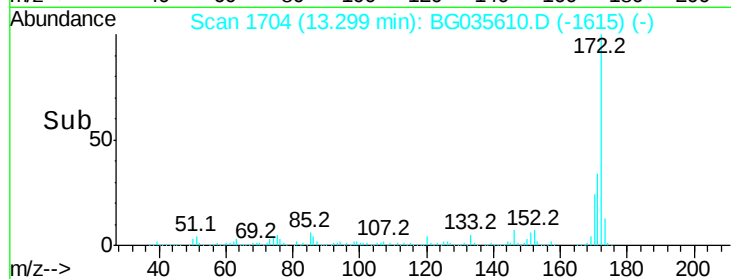
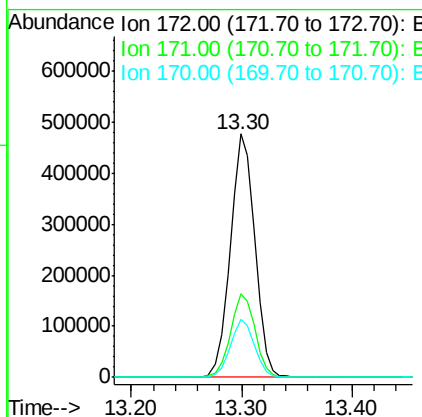
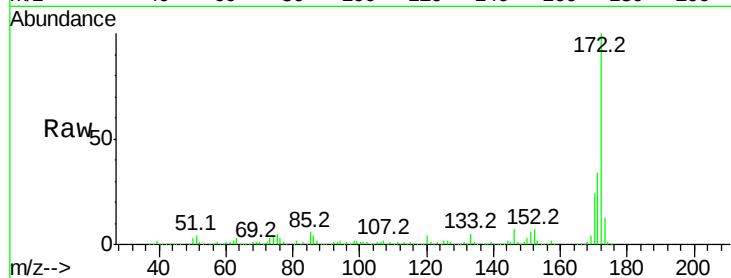




#44
2-Fluorobiphenyl
Concen: 83.686 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG035610.D
Acq: 13 Jul 2018 1:04

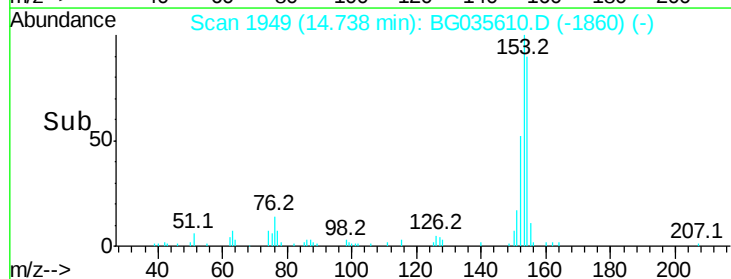
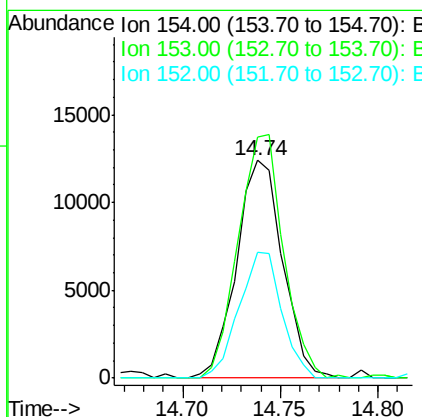
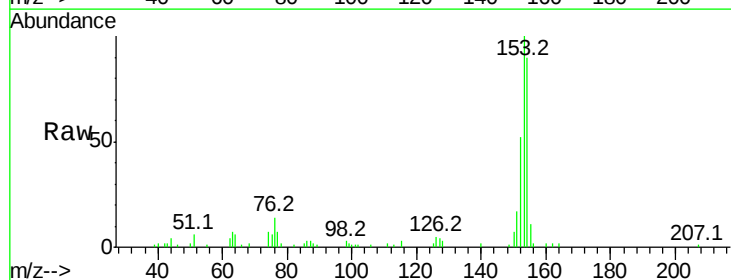
Instrument :
BNA_G
ClientSampleId :
PAR-3

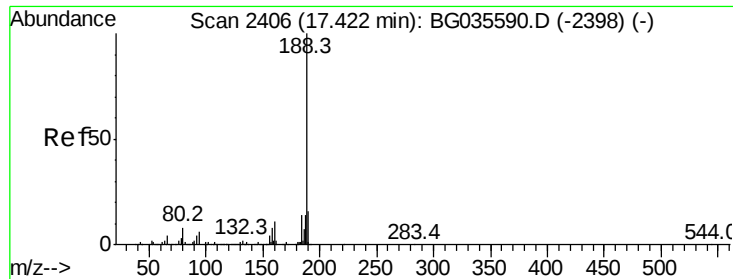
Tot Ion:172 Resp: 745193
Ion Ratio Lower Upper
172 100
171 34.5 30.0 45.0
170 24.0 19.5 29.3



#51
Acenaphthene
Concen: 2.697 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BG035610.D
Acq: 13 Jul 2018 1:04

Tgt Ion:154 Resp: 20248
Ion Ratio Lower Upper
154 100
153 110.7 90.4 135.6
152 57.9 41.6 62.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BG035610.D

Acq: 13 Jul 2018 1:04

Instrument :

BNA_G

ClientSampleId :

PAR-3

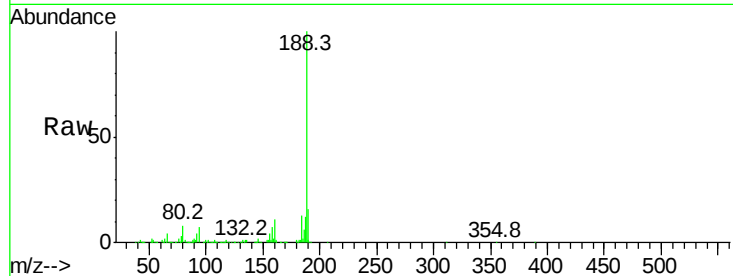
Tot Ion:188 Resp: 332850

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

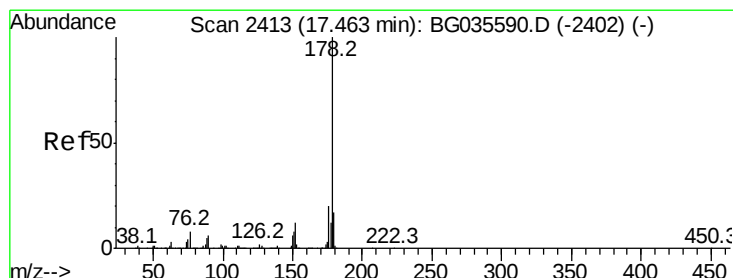
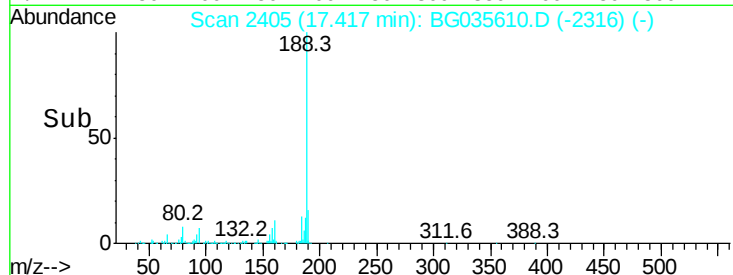
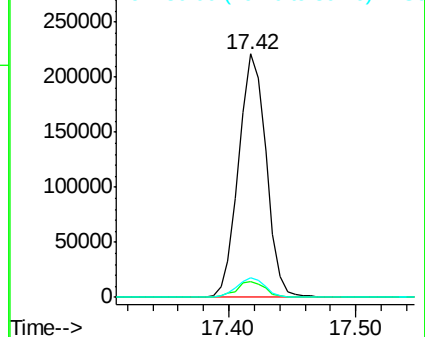
80 8.1 7.7 11.5



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



#70

Phenanthrene

Concen: 2.474 ng

RT: 17.46 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BG035610.D

Acq: 13 Jul 2018 1:04

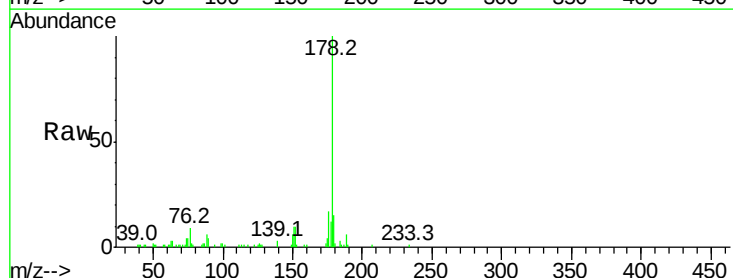
Tgt Ion:178 Resp: 41089

Ion Ratio Lower Upper

178 100

176 16.9 15.7 23.5

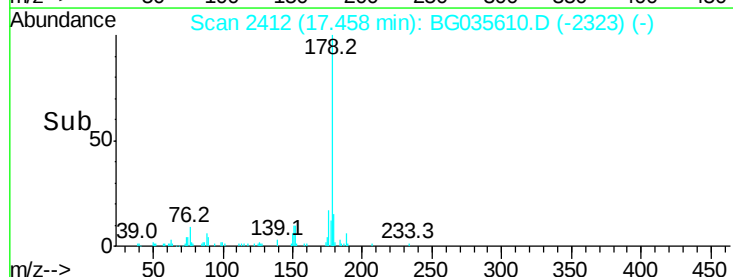
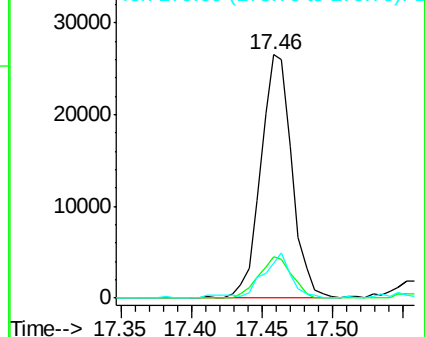
179 14.5 12.5 18.7

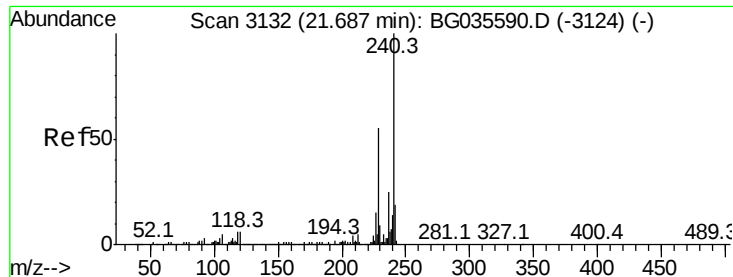


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG035610.D

Acq: 13 Jul 2018 1:04

Instrument :

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ClientSampleId :

PAR-3

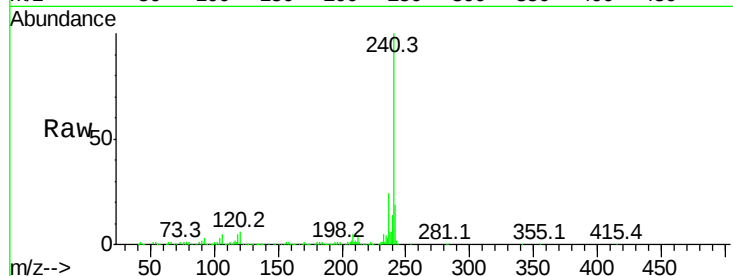
Tot Ion:240 Resp: 367258

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

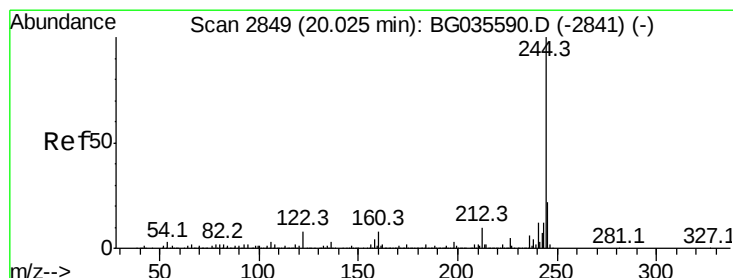
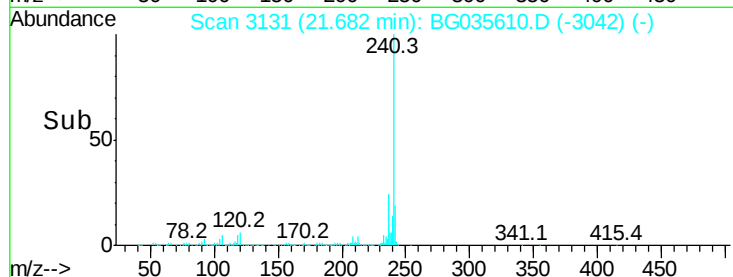
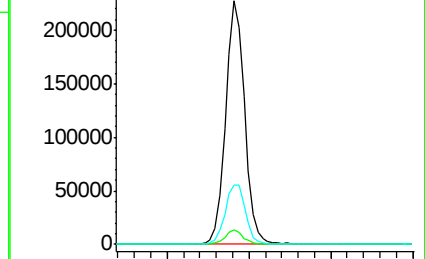
236 24.4 20.9 31.3



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: 87.981 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BG035610.D

Acq: 13 Jul 2018 1:04

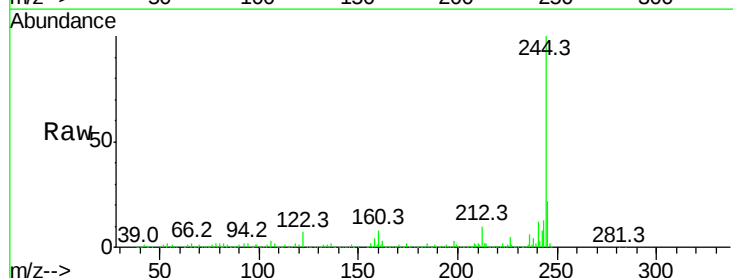
Tgt Ion:244 Resp: 1465842

Ion Ratio Lower Upper

244 100

212 9.9 5.8 8.8#

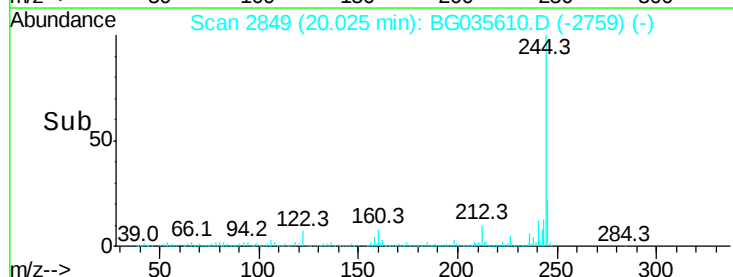
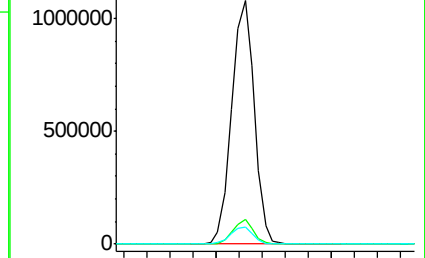
122 7.0 7.0 10.4

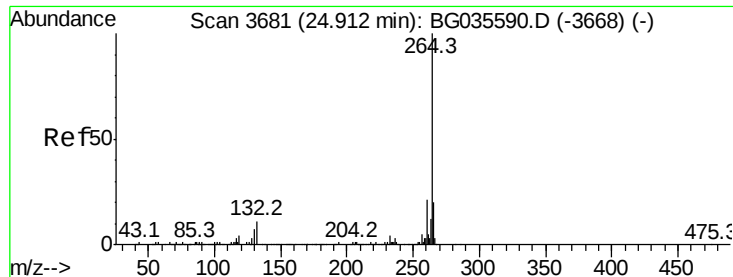


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3679
 Delta R.T. -0.01 min
 Lab File: BG035610.D
 Acq: 13 Jul 2018 1:04

Instrument :
 BNA_G
 ClientSampleId :
 PAR-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.4	26.0
265	19.9	17.7	26.5

