

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120417\
 Data File : BG031362.D
 Acq On : 5 Dec 2017 00:53
 Operator : SJ/JU
 Sample : I6645-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BSC-SB-02

Quant Time: Dec 05 04:21:12 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

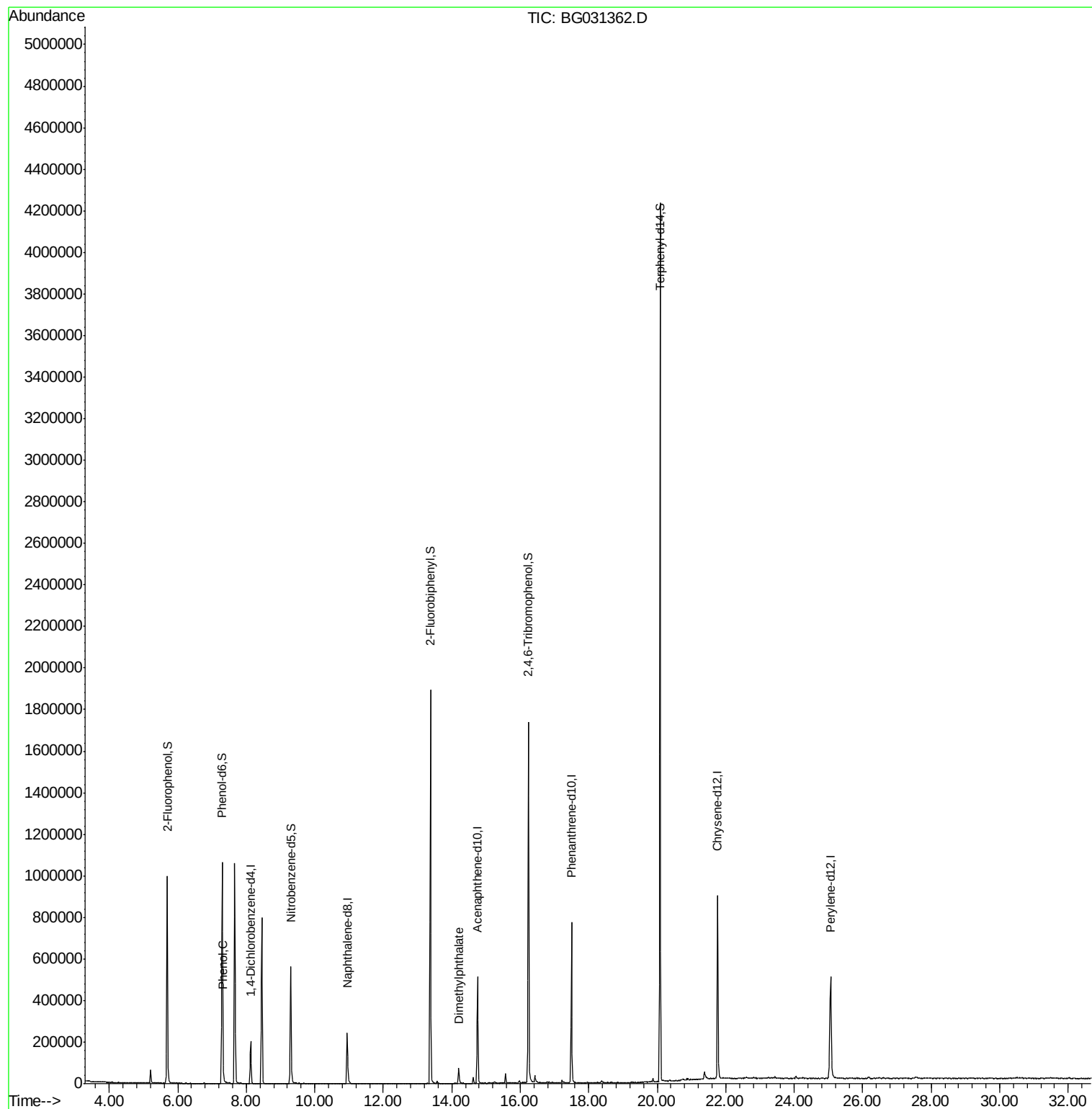
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	62235	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	280262	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	197650	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	541631	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	613047	20.00	ng	-0.02
86) Perylene-d12	25.06	264	596883	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	529955	146.02	ng	-0.02
7) Phenol-d6	7.29	99	689366	140.99	ng	-0.01
23) Nitrobenzene-d5	9.30	82	400893	84.76	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	371971	116.34	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1135284	82.53	ng	-0.02
78) Terphenyl-d14	20.08	244	2069093	74.53	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	28477	5.61	ng	Qvalue 98
49) Dimethylphthalate	14.20	163	70085	4.10	ng	# 97

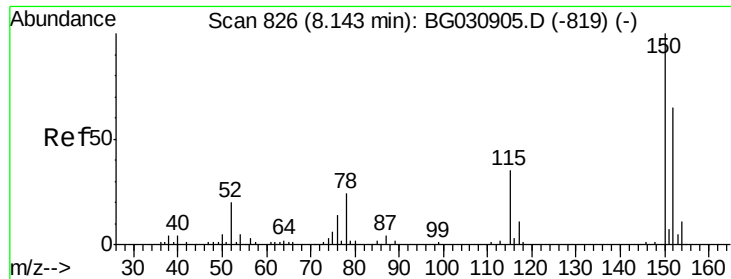
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 824

Delta R.T. -0.02 min

Lab File: BG031362.D

Acq: 5 Dec 2017 00:53

Instrument :

BNA_G

ClientSampleId :

BSC-SB-02

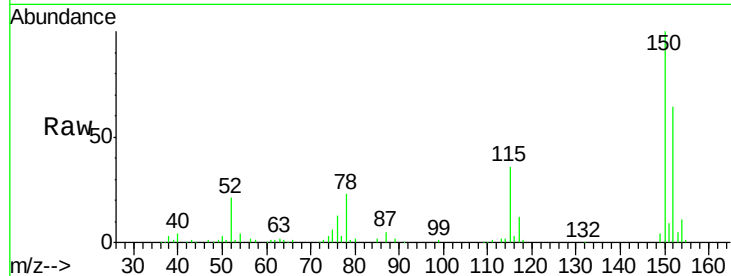
Tot Ion:152 Resp: 62235

Ion Ratio Lower Upper

152 100

150 157.3 126.6 189.8

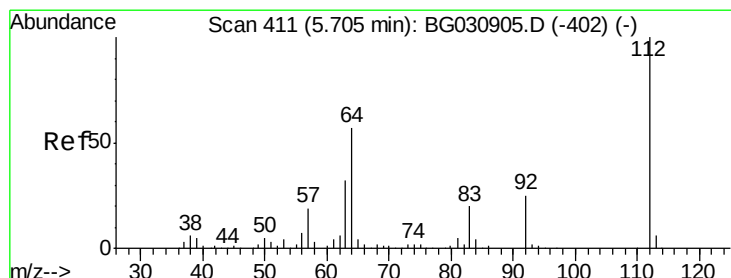
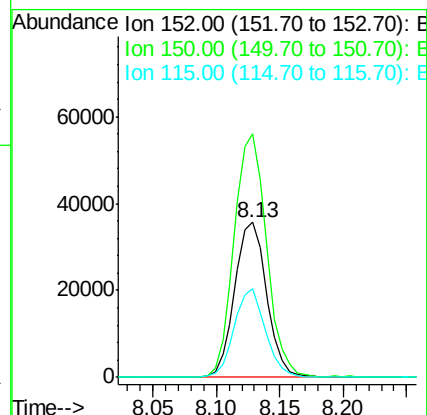
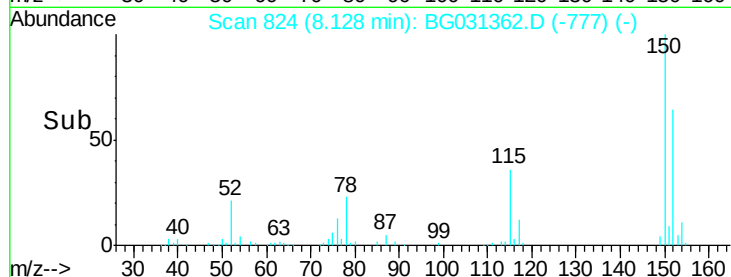
115 57.3 53.0 79.4



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: 146.02 ng

RT: 5.69 min Scan# 409

Delta R.T. -0.02 min

Lab File: BG031362.D

Acq: 5 Dec 2017 00:53

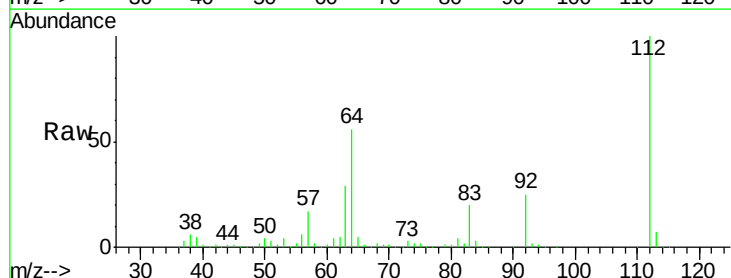
Tgt Ion:112 Resp: 529955

Ion Ratio Lower Upper

112 100

64 55.8 56.3 84.5#

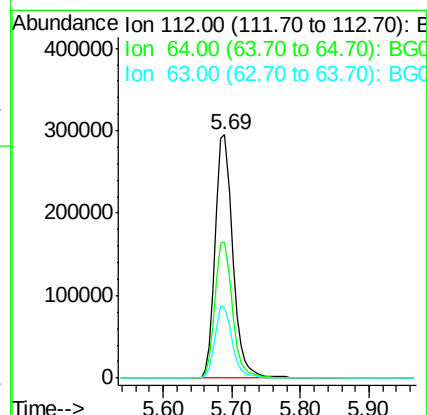
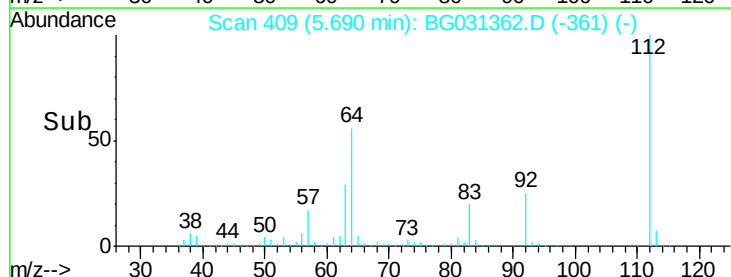
63 29.3 30.1 45.1#

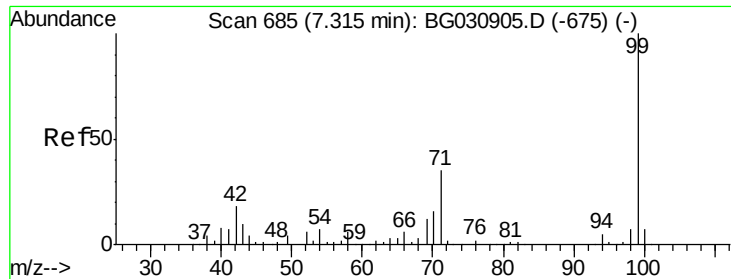


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 140.99 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031362.D

Acq: 5 Dec 2017 00:53

Instrument :

BNA_G

ClientSampleId :

BSC-SB-02

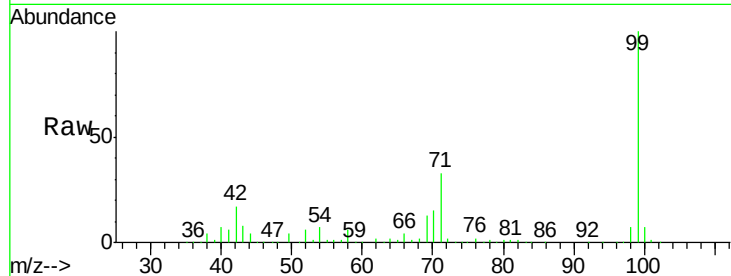
Tot Ion: 99 Resp: 689366

Ion Ratio Lower Upper

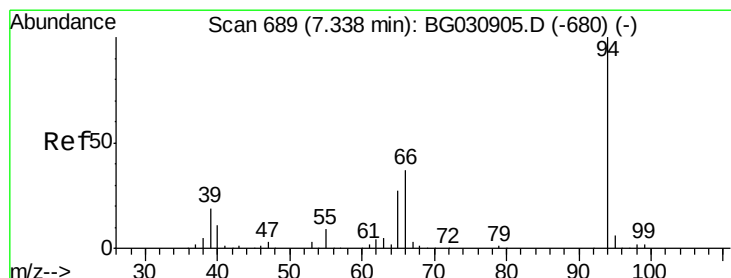
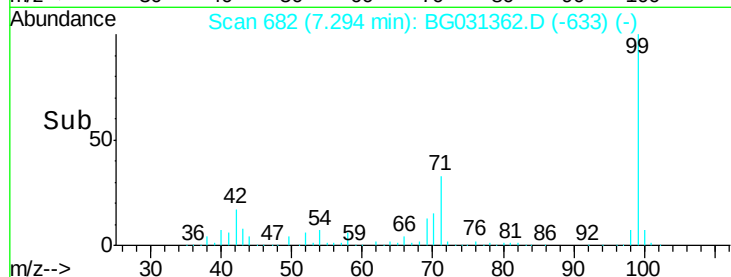
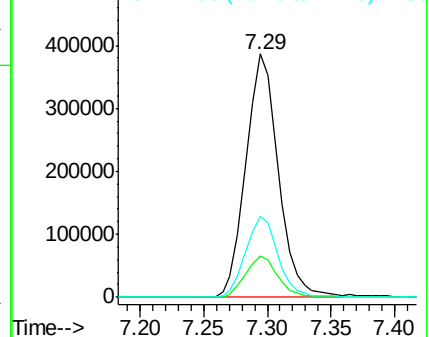
99 100

42 16.9 14.1 21.1

71 33.3 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



#10

Phenol

Concen: 5.61 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG031362.D

Acq: 5 Dec 2017 00:53

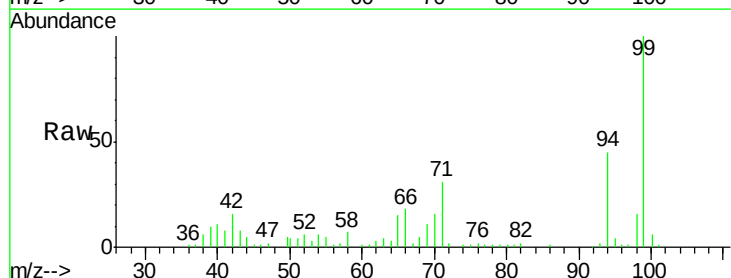
Tgt Ion: 94 Resp: 28477

Ion Ratio Lower Upper

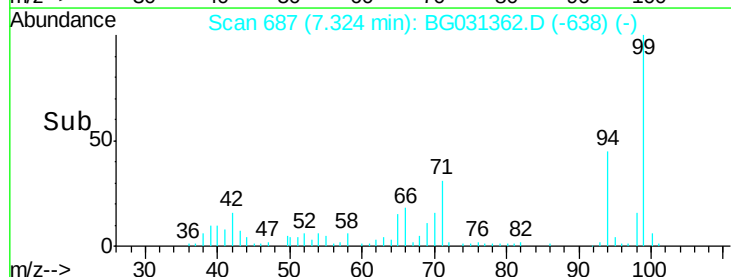
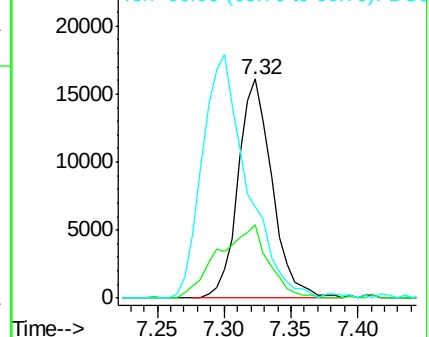
94 100

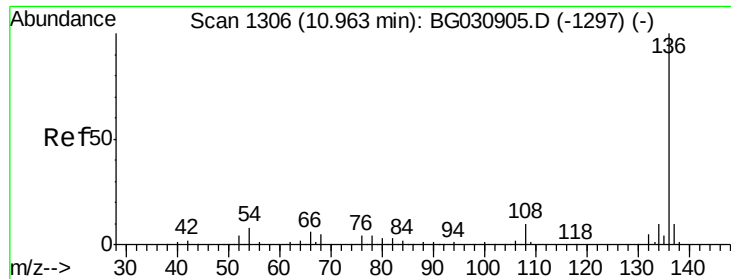
65 33.7 11.9 51.9

66 41.4 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.94 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG031362.D

Acq: 5 Dec 2017 00:53

Instrument :

BNA_G

ClientSampleId :

BSC-SB-02

Tot Ion:136 Resp: 280262

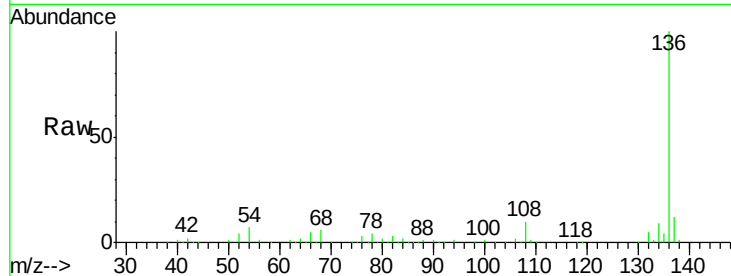
Ion Ratio Lower Upper

136 100

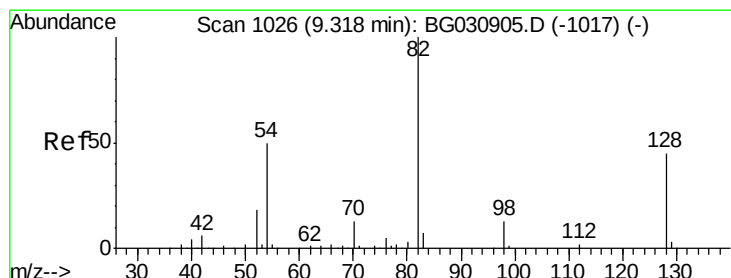
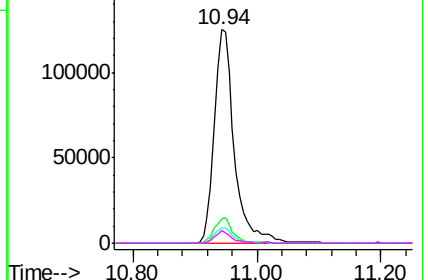
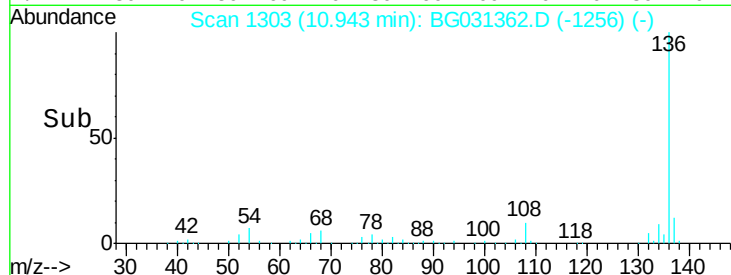
137 11.7 9.2 13.8

54 7.5 10.3 15.5#

68 6.1 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: 84.76 ng

RT: 9.30 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BG031362.D

Acq: 5 Dec 2017 00:53

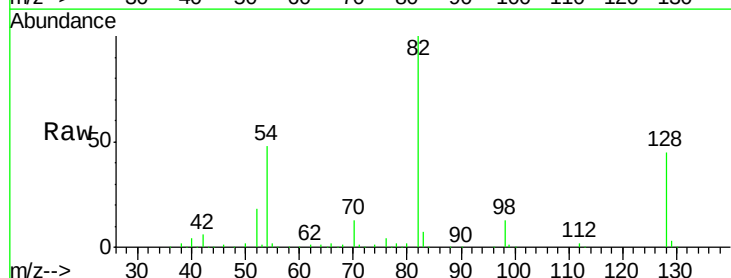
Tgt Ion: 82 Resp: 400893

Ion Ratio Lower Upper

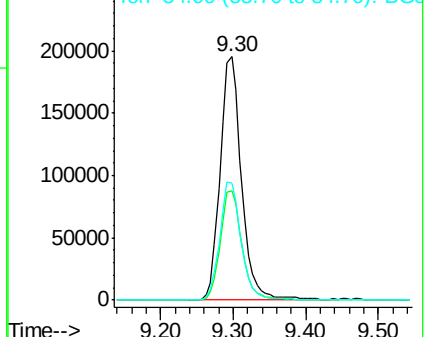
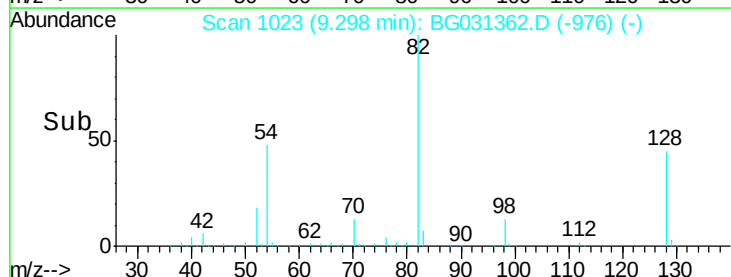
82 100

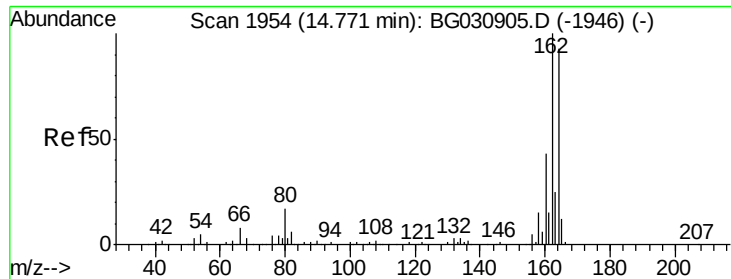
128 44.9 29.7 44.5#

54 48.2 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG031362.D

Acq: 5 Dec 2017 00:53

Instrument :

BNA_G

ClientSampleId :

BSC-SB-02

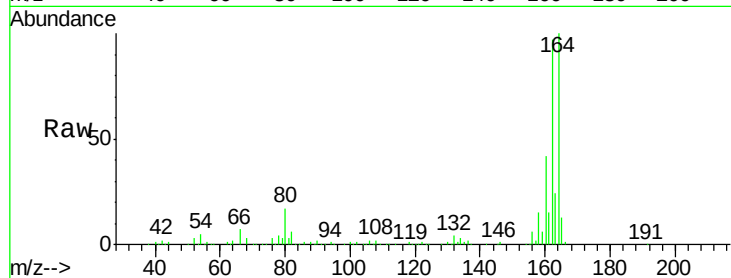
Tot Ion:164 Resp: 197650

Ion Ratio Lower Upper

164 100

162 97.2 78.8 118.2

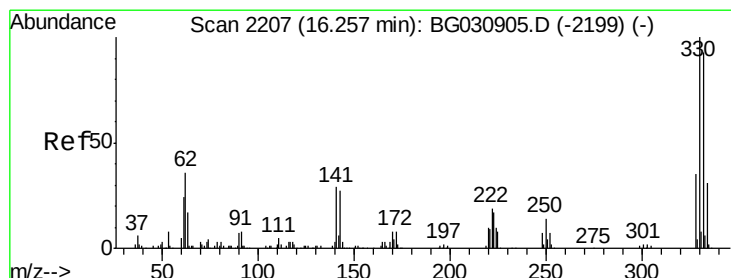
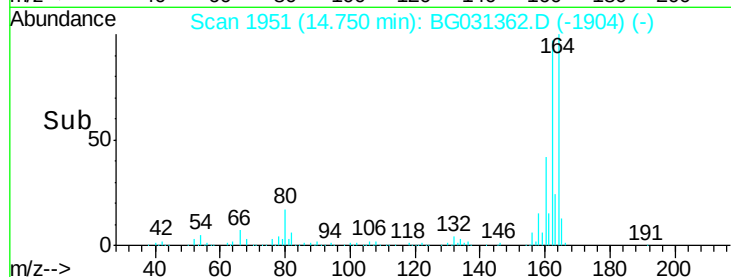
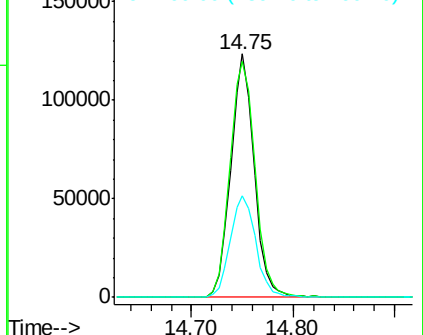
160 41.8 35.4 53.0



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: 116.34 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031362.D

Acq: 5 Dec 2017 00:53

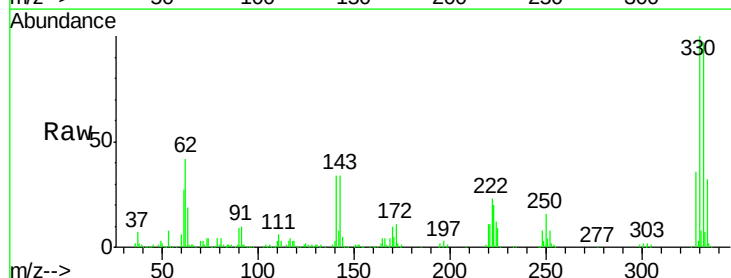
Tgt Ion:330 Resp: 371971

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

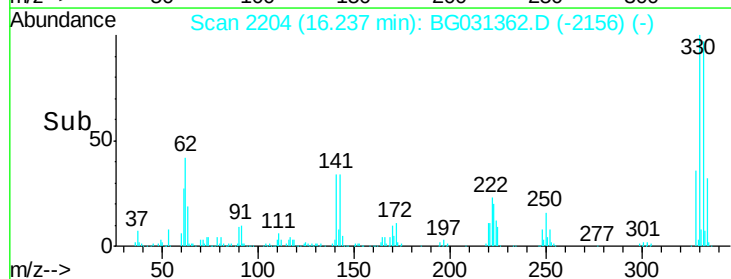
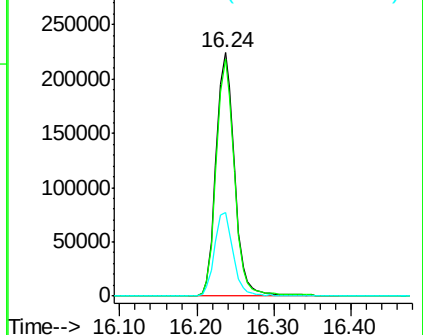
141 34.6 25.2 37.8

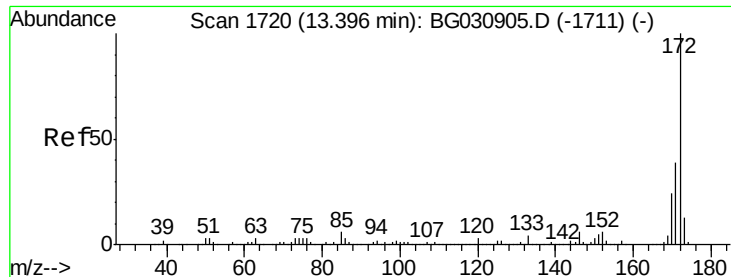


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

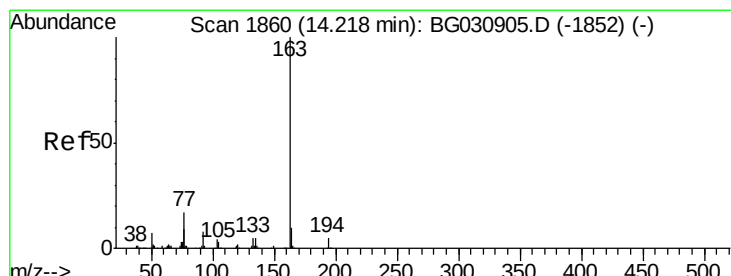
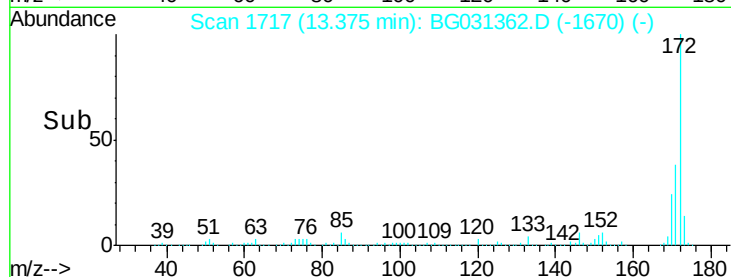
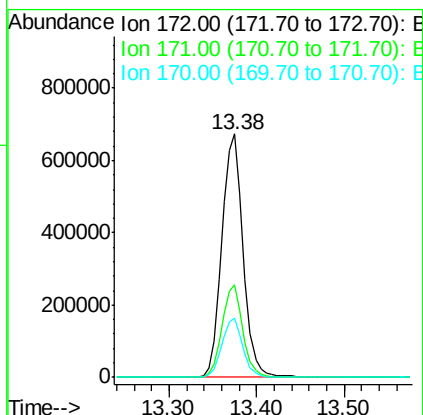
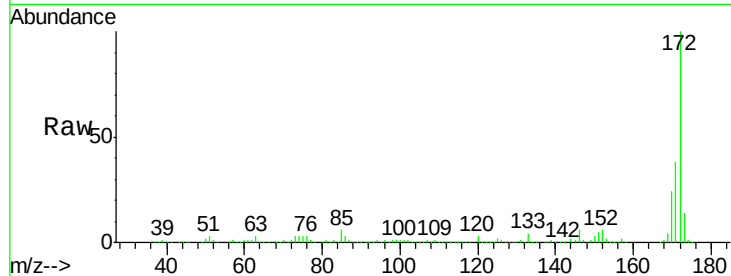




#44
2-Fluorobiphenyl
Concen: 82.53 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.02 min
Lab File: BG031362.D
Acq: 5 Dec 2017 00:53

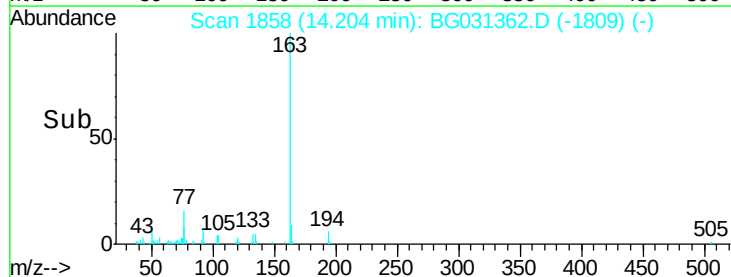
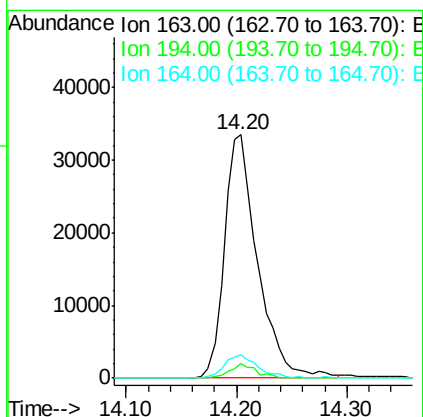
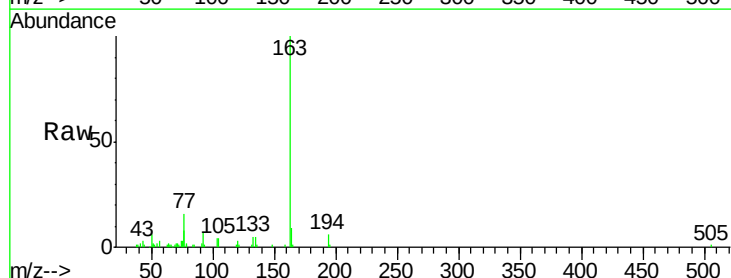
Instrument :
BNA_G
ClientSampleId :
BSC-SB-02

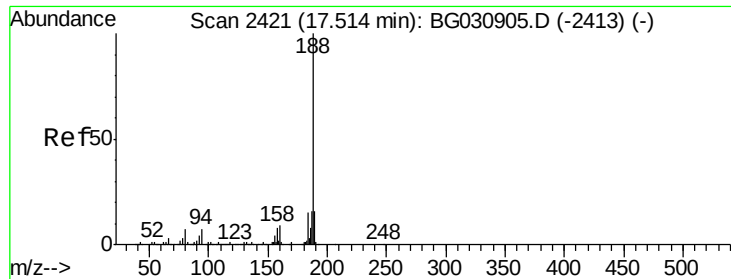
Tot Ion:172 Resp: 1135284
Ion Ratio Lower Upper
172 100
171 37.8 30.0 45.0
170 24.4 19.5 29.3



#49
Dimethylphthalate
Concen: 4.10 ng
RT: 14.20 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG031362.D
Acq: 5 Dec 2017 00:53

Tgt Ion:163 Resp: 70085
Ion Ratio Lower Upper
163 100
194 6.0 3.4 5.2#
164 9.4 8.2 12.4

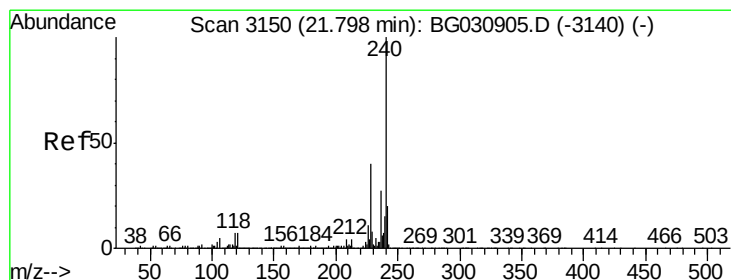
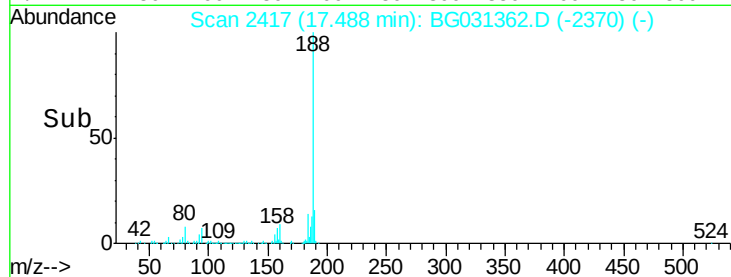
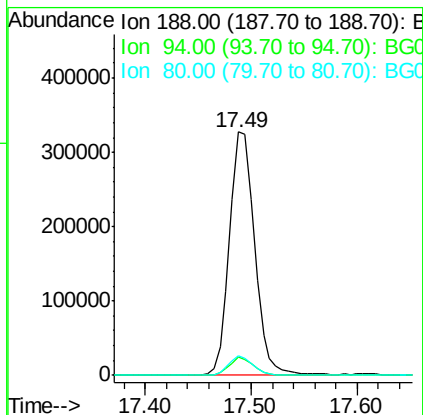
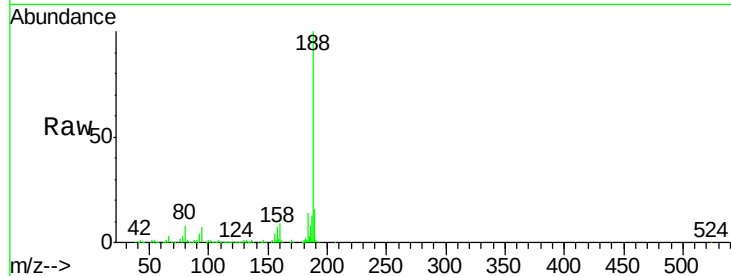




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031362.D
Acq: 5 Dec 2017 00:53

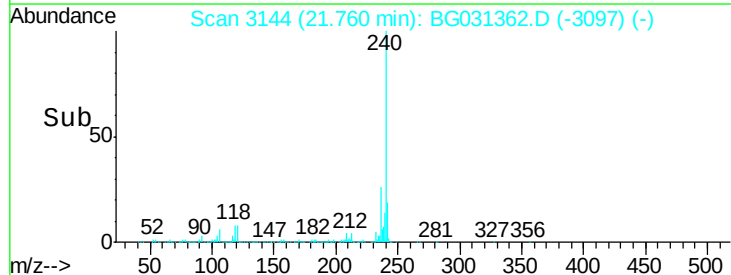
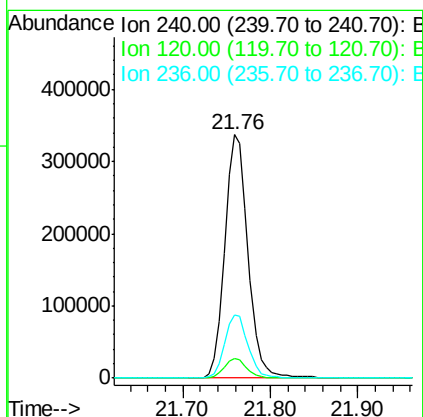
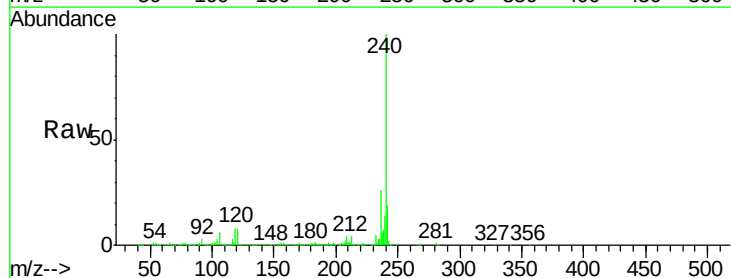
Instrument :
BNA_G
ClientSampleId :
BSC-SB-02

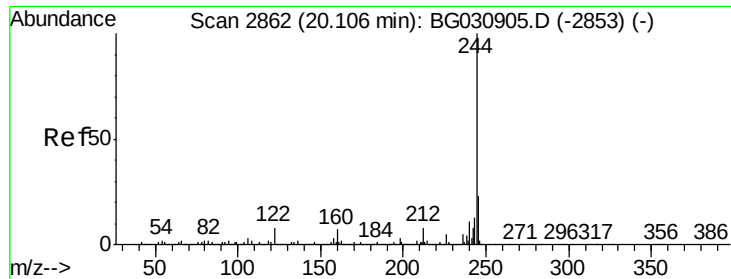
Tot Ion:188 Resp: 541631
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 7.9 7.7 11.5



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG031362.D
Acq: 5 Dec 2017 00:53

Tgt Ion:240 Resp: 613047
Ion Ratio Lower Upper
240 100
120 8.2 6.8 10.2
236 26.1 20.9 31.3





#78

Terphenyl-d14

Concen: 74.53 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031362.D

Acq: 5 Dec 2017 00:53

Instrument :

BNA_G

ClientSampleId :

BSC-SB-02

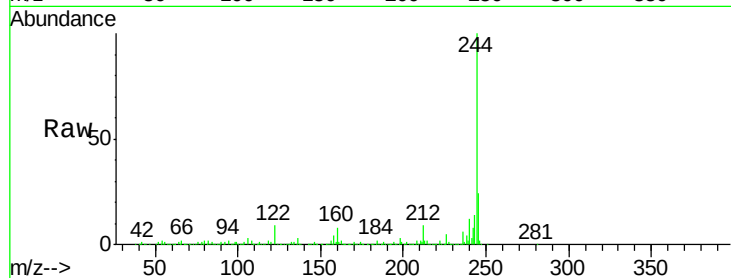
Tot Ion:244 Resp: 2069093

Ion Ratio Lower Upper

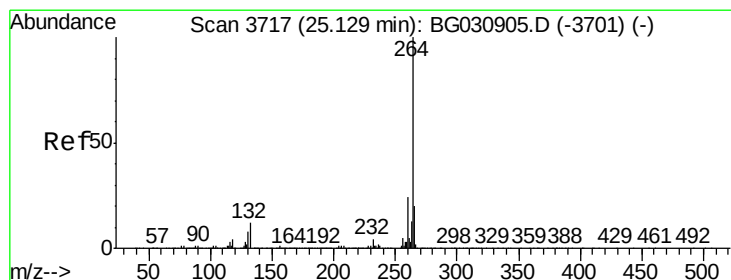
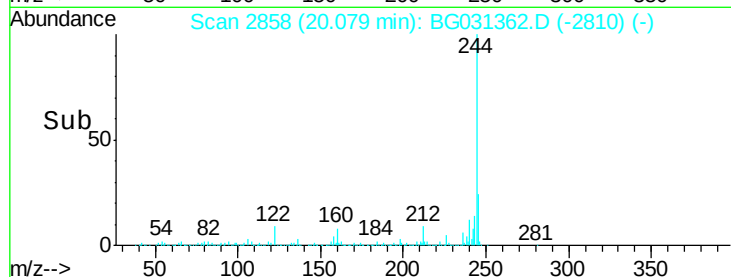
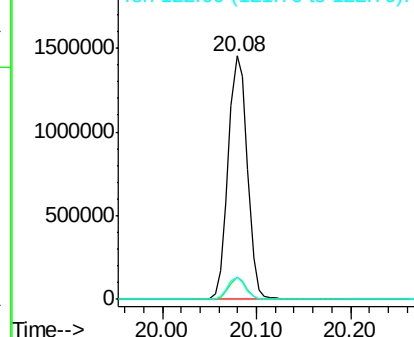
244 100

212 9.0 5.8 8.8#

122 9.3 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E
2000000
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: 25.06 min Scan# 3705

Delta R.T. -0.04 min

Lab File: BG031362.D

Acq: 5 Dec 2017 00:53

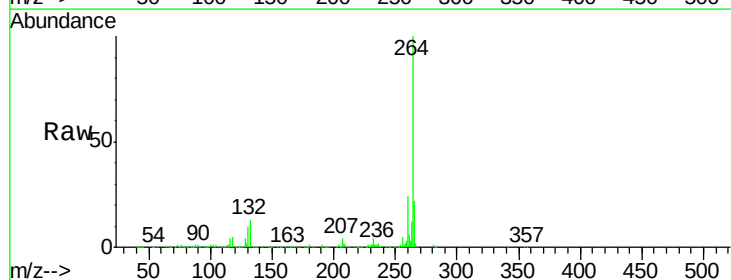
Tgt Ion:264 Resp: 596883

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 22.0 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
250000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

