

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\
 Data File : BG033203.D
 Acq On : 16 Mar 2018 17:23
 Operator : SJ/JU
 Sample : J1926-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 4517-21

Quant Time: Mar 17 05:35:05 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

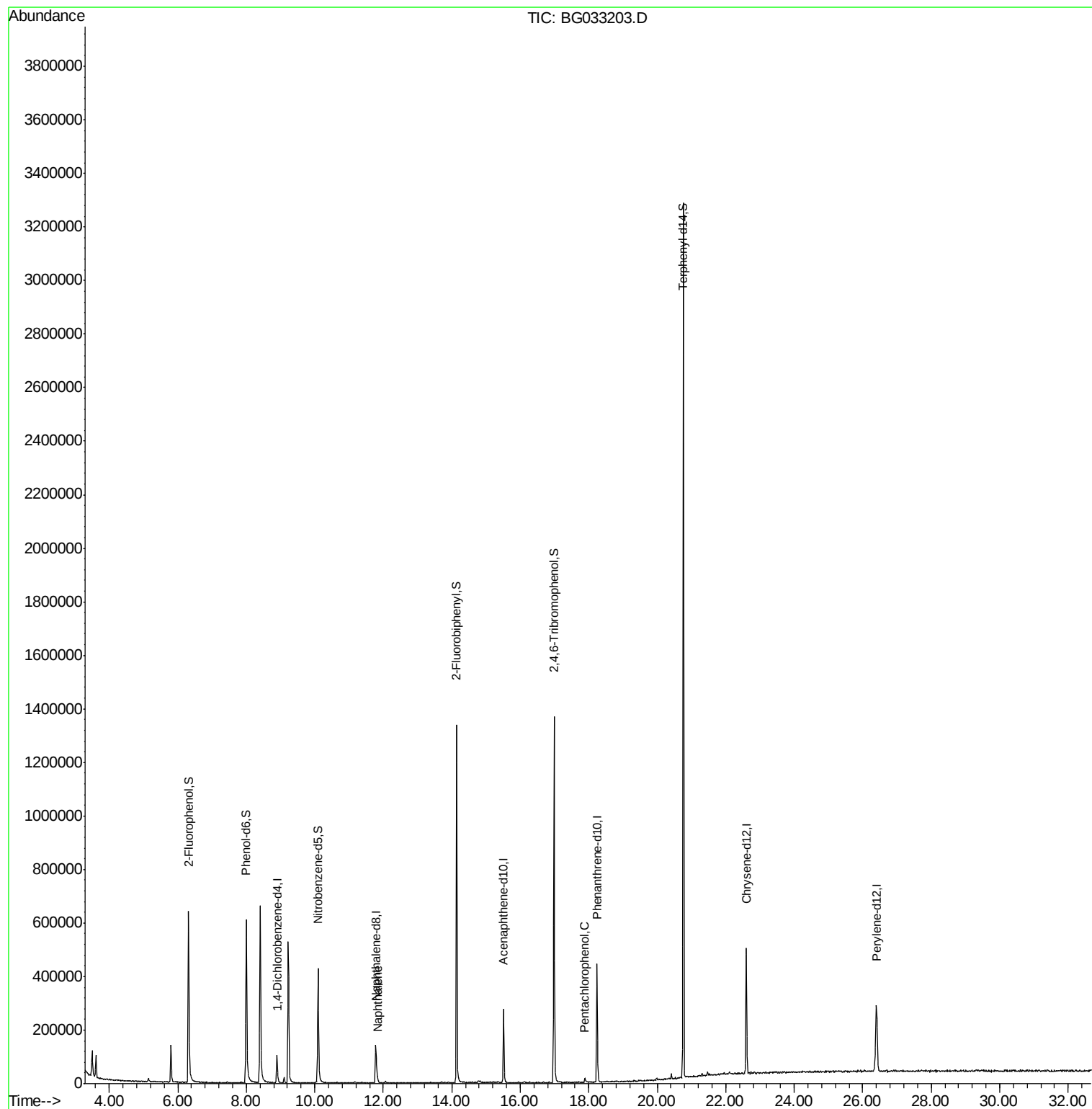
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	35729	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	140151	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	105609	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	305290	20.00	ng	0.00
75) Chrysene-d12	22.60	240	325949	20.00	ng	0.00
86) Perylene-d12	26.39	264	337887	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	309321	138.51	ng	0.00
7) Phenol-d6	8.00	99	441728	141.90	ng	0.00
23) Nitrobenzene-d5	10.10	82	327958	153.36	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	268355	241.66	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	735741	100.48	ng	0.00
78) Terphenyl-d14	20.76	244	1563281	107.76	ng	0.00
Target Compounds						
31) Naphthalene	11.84	128	17200	2.349	ng	97
69) Pentachlorophenol	17.89	266	4439	2.020	ng	# 75

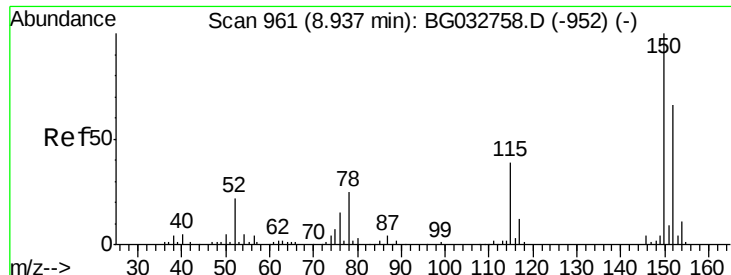
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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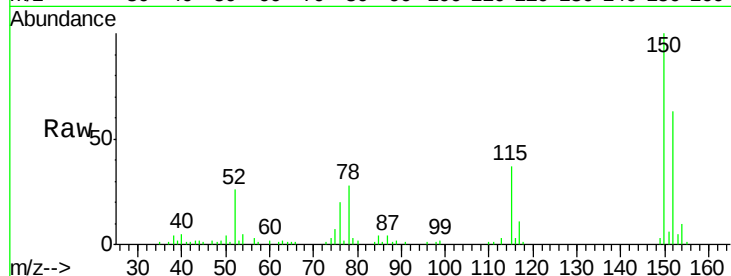


#1

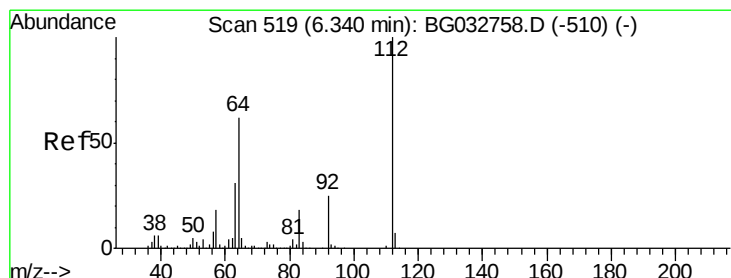
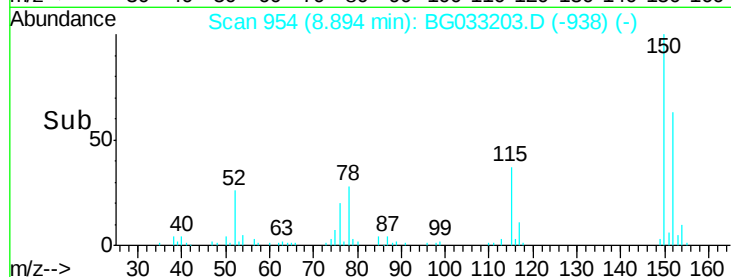
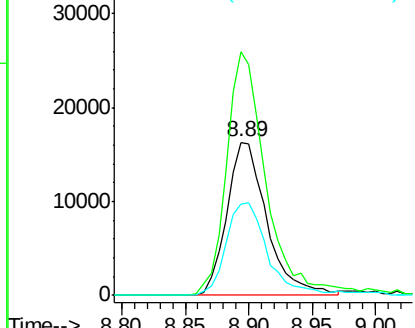
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033203.D
Acq: 16 Mar 2018 17:23

Instrument :
BNA_G
ClientSampleId :
4517-21

Tot Ion:152 Resp: 35729
Ion Ratio Lower Upper
152 100
150 159.2 126.6 189.8
115 59.6 53.0 79.4



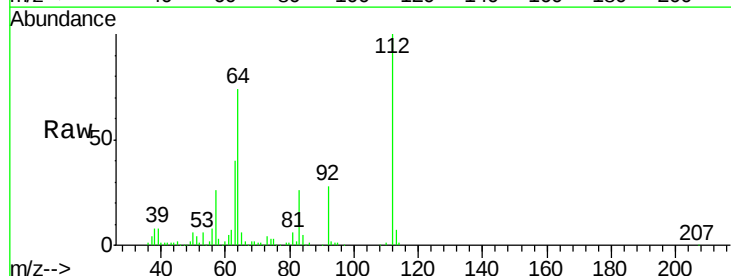
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



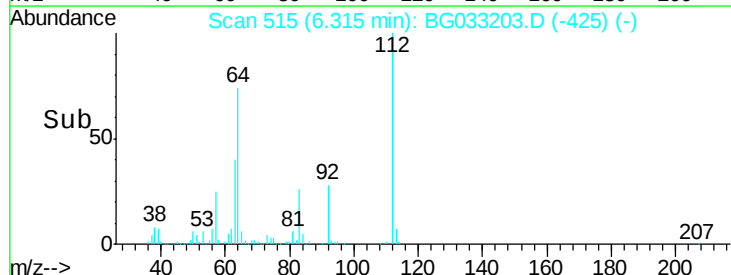
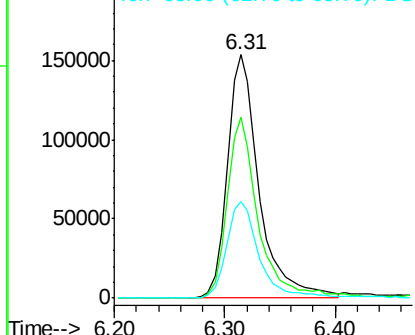
#5

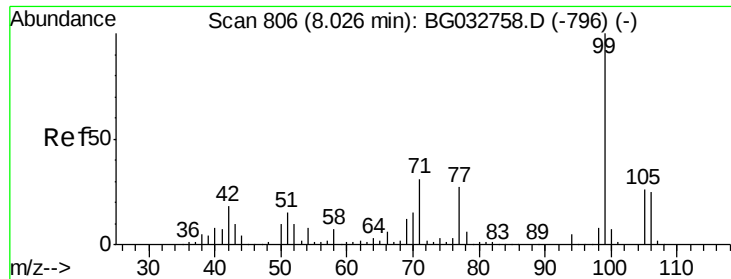
2-Fluorophenol
Concen: 138.506 ng
RT: 6.31 min Scan# 515
Delta R.T. -0.00 min
Lab File: BG033203.D
Acq: 16 Mar 2018 17:23

Tgt Ion:112 Resp: 309321
Ion Ratio Lower Upper
112 100
64 74.4 56.3 84.5
63 39.6 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: 141.904 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033203.D

Acq: 16 Mar 2018 17:23

Instrument :

BNA_G

ClientSampled :

4517-21

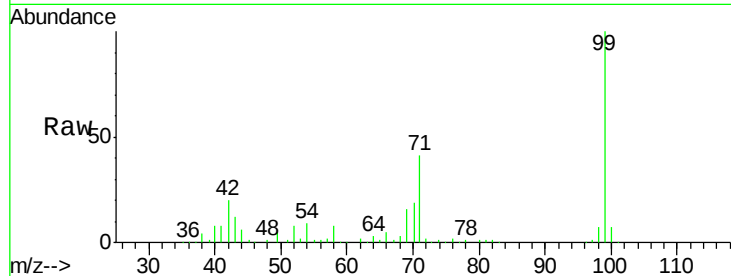
Tot Ion: 99 Resp: 441728

Ion Ratio Lower Upper

99 100

42 20.2 14.1 21.1

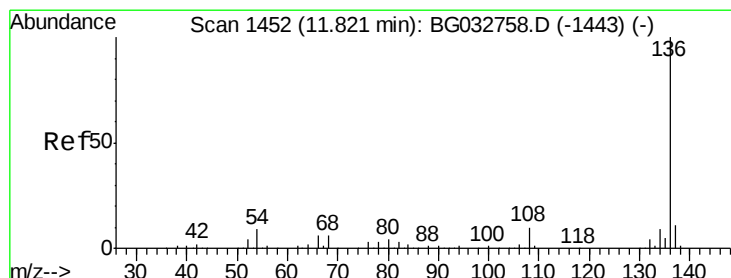
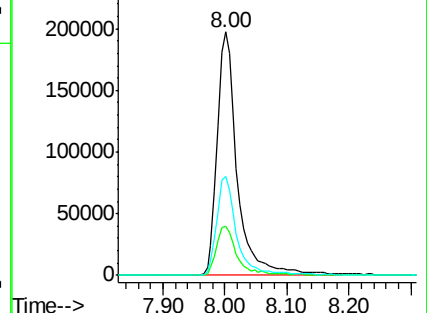
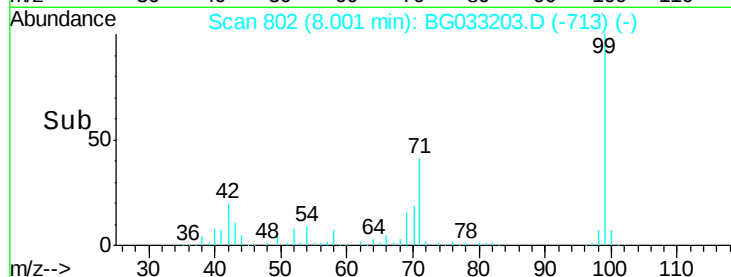
71 40.6 26.1 39.1#



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: 11.78 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BG033203.D

Acq: 16 Mar 2018 17:23

Tgt Ion: 136 Resp: 140151

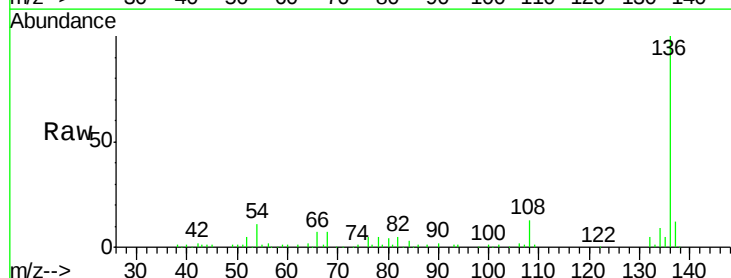
Ion Ratio Lower Upper

136 100

137 11.9 9.2 13.8

54 10.9 10.3 15.5

68 7.0 4.5 6.7#

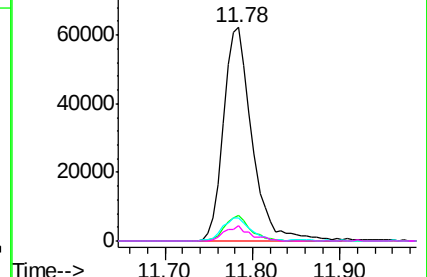
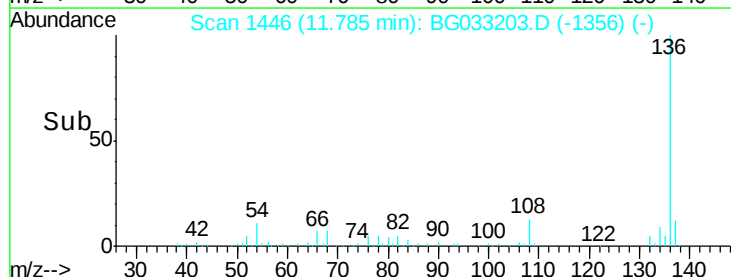


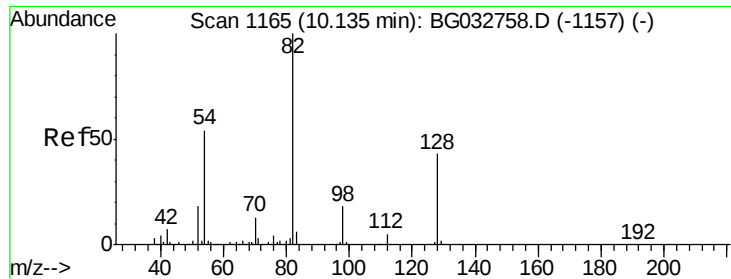
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 153.362 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BG033203.D

Acq: 16 Mar 2018 17:23

Instrument :

BNA_G

ClientSampleId :

4517-21

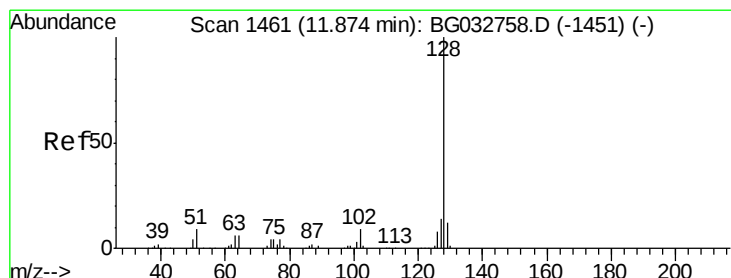
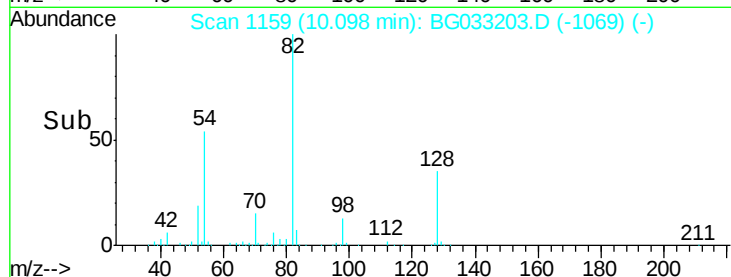
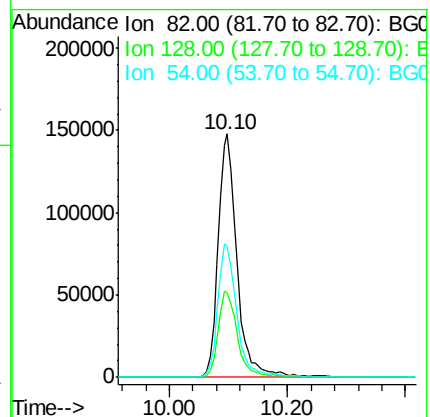
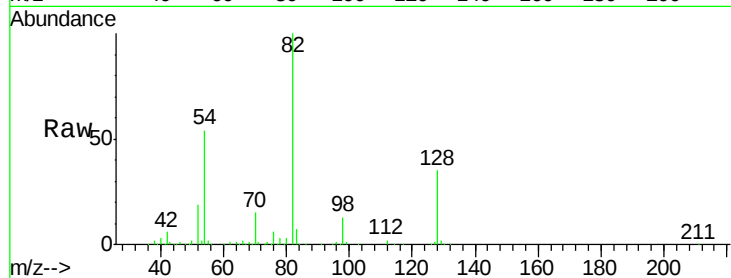
Tot Ion: 82 Resp: 327958

Ion Ratio Lower Upper

82 100

128 34.6 29.7 44.5

54 53.6 43.1 64.7



#31

Naphthalene

Concen: 2.349 ng

RT: 11.84 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BG033203.D

Acq: 16 Mar 2018 17:23

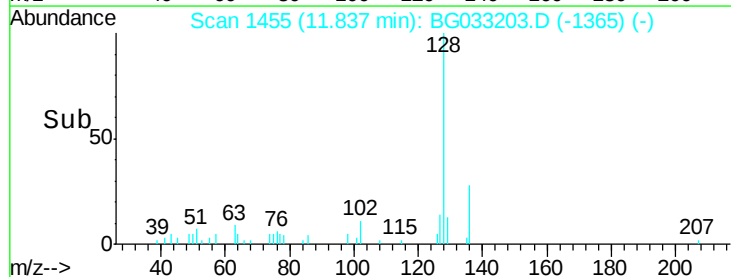
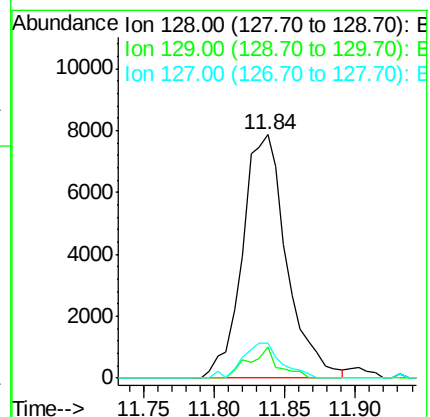
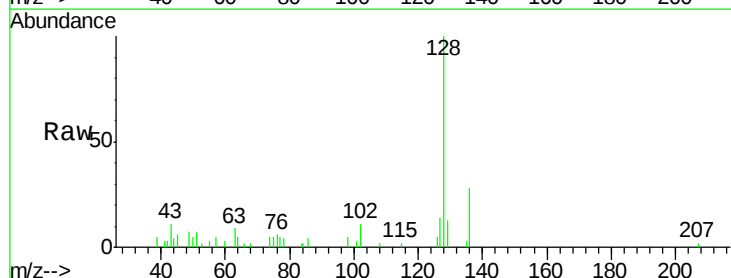
Tgt Ion: 128 Resp: 17200

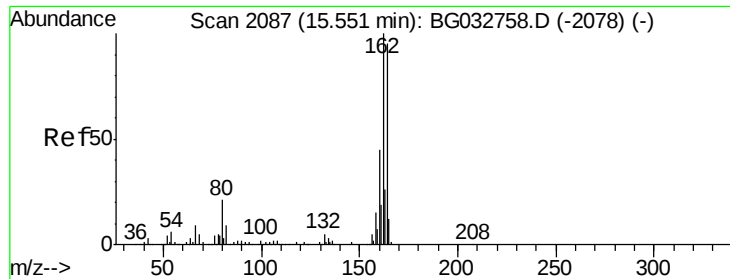
Ion Ratio Lower Upper

128 100

129 12.6 8.6 12.8

127 14.2 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.52 min Scan# 2081

Delta R.T. -0.00 min

Lab File: BG033203.D

Acq: 16 Mar 2018 17:23

Instrument :

BNA_G

ClientSampleId :

4517-21

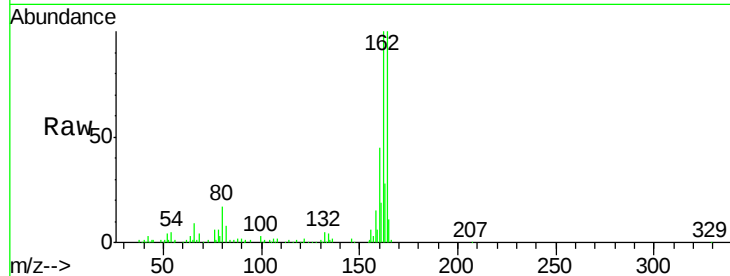
Tot Ion:164 Resp: 105609

Ion Ratio Lower Upper

164 100

162 100.3 78.8 118.2

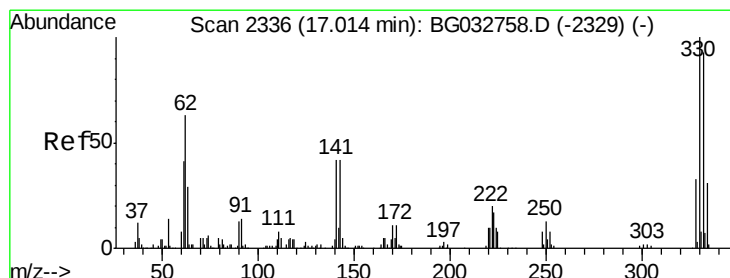
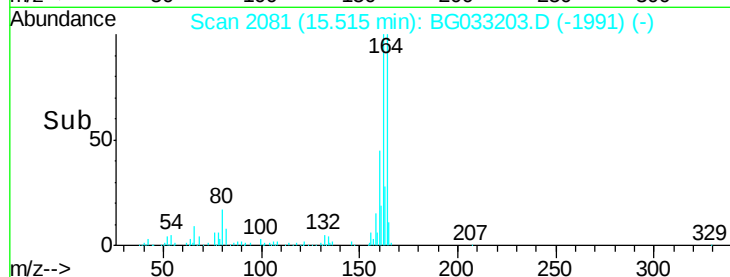
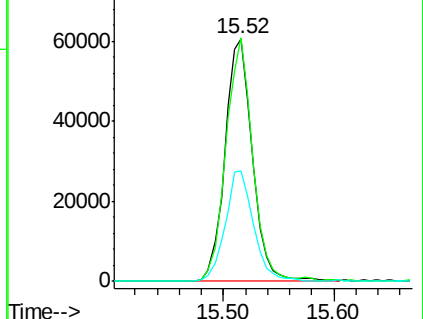
160 45.5 35.4 53.0



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: 241.665 ng

RT: 16.99 min Scan# 2332

Delta R.T. -0.00 min

Lab File: BG033203.D

Acq: 16 Mar 2018 17:23

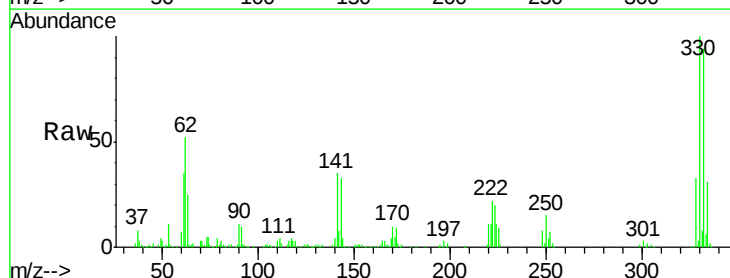
Tgt Ion:330 Resp: 268355

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

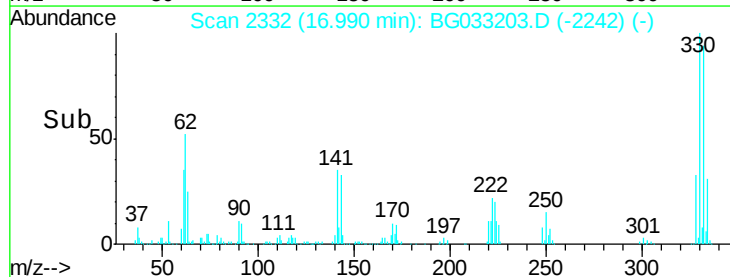
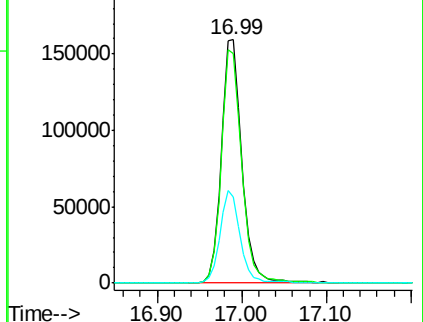
141 37.6 25.2 37.8

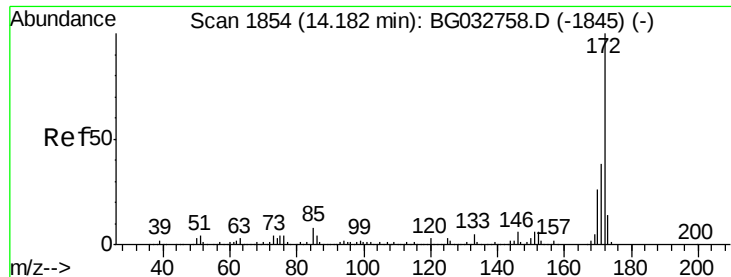


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

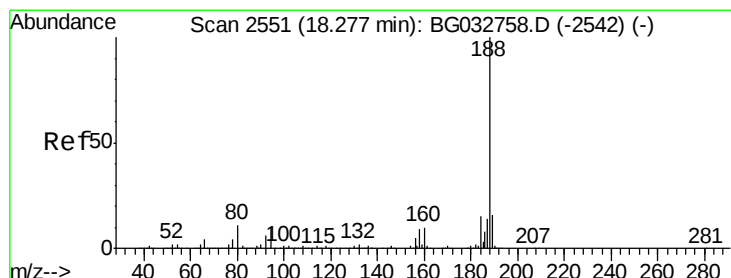
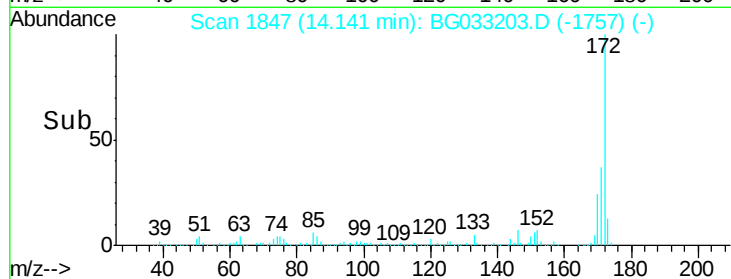
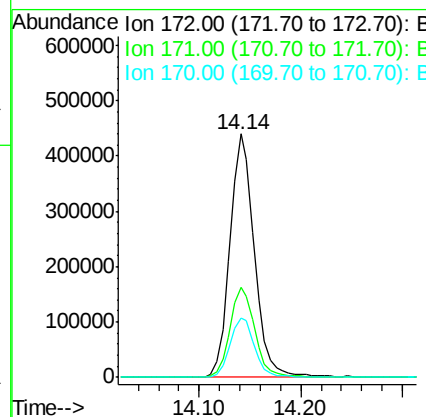
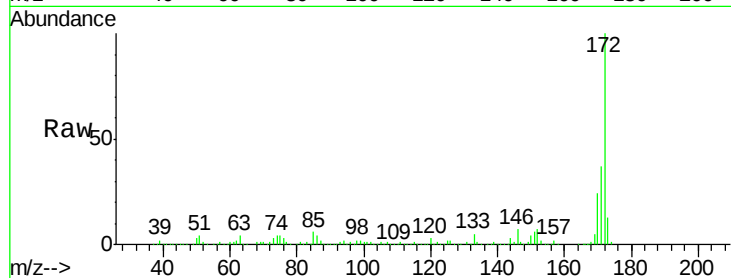




#44
 2-Fluorobiphenyl
 Concen: 100.477 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG033203.D
 Acq: 16 Mar 2018 17:23

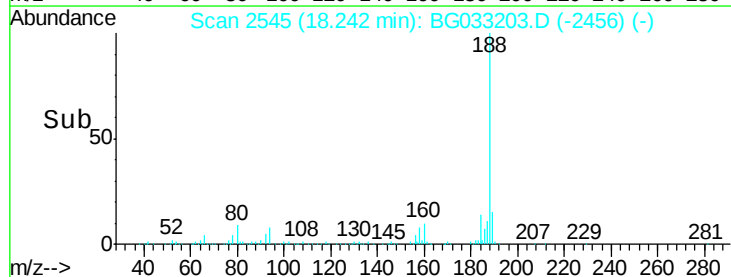
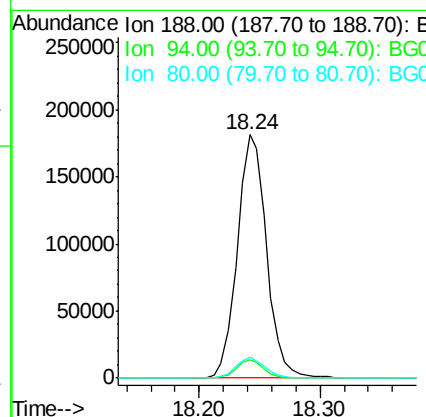
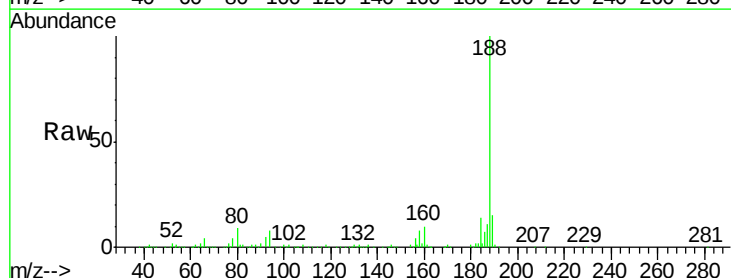
Instrument :
 BNA_G
 ClientSampleId :
 4517-21

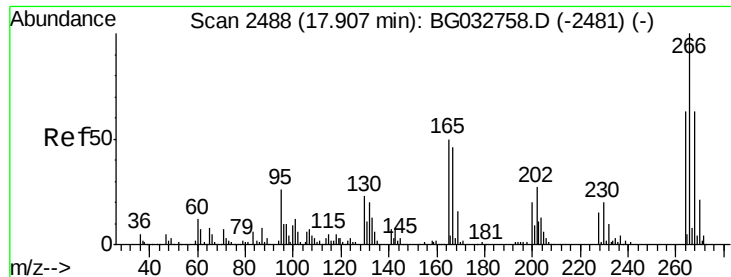
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	24.1	19.5	29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.24 min Scan# 2545
 Delta R.T. -0.01 min
 Lab File: BG033203.D
 Acq: 16 Mar 2018 17:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.9	10.3
80	8.8	7.7	11.5

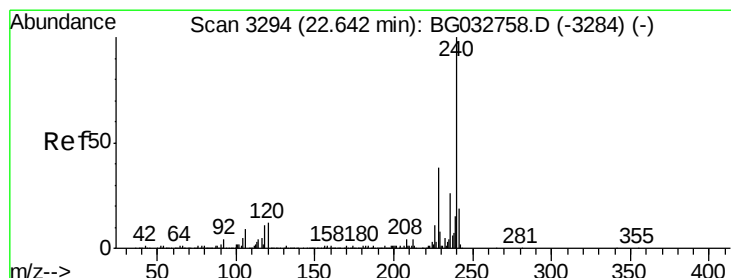
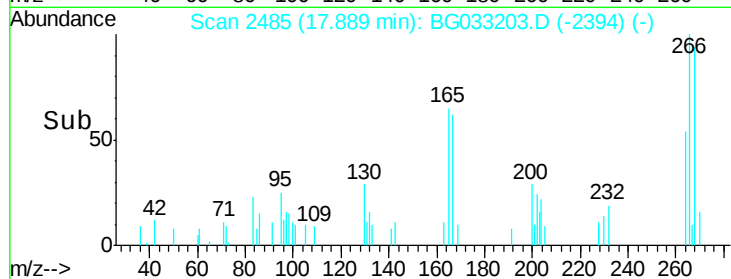
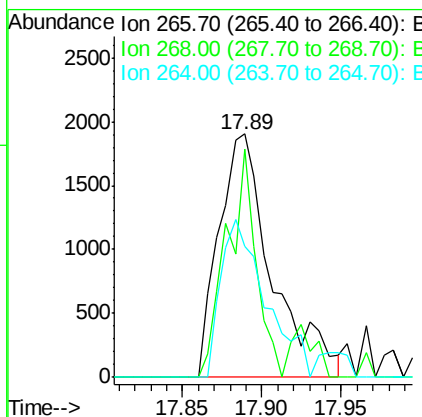
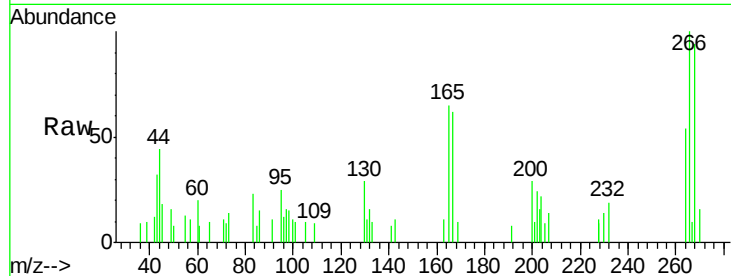




#69
 Pentachlorophenol
 Concen: 2.020 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. 0.00 min
 Lab File: BG033203.D
 Acq: 16 Mar 2018 17:23

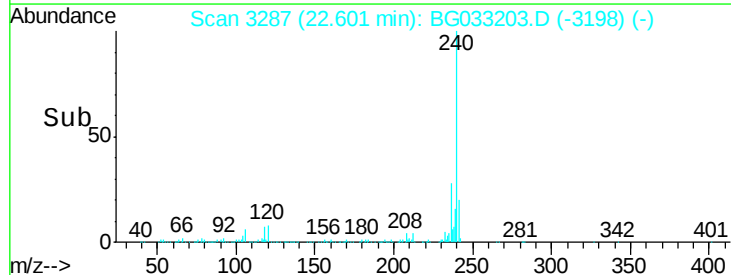
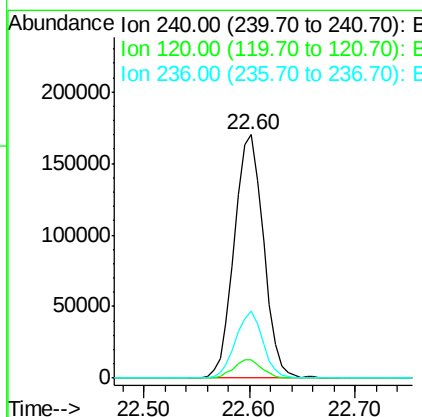
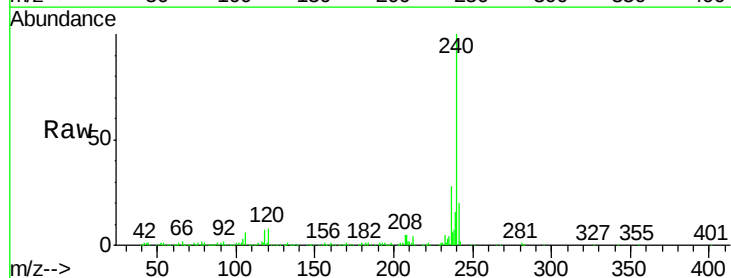
Instrument :
 BNA_G
 ClientSampleId :
 4517-21

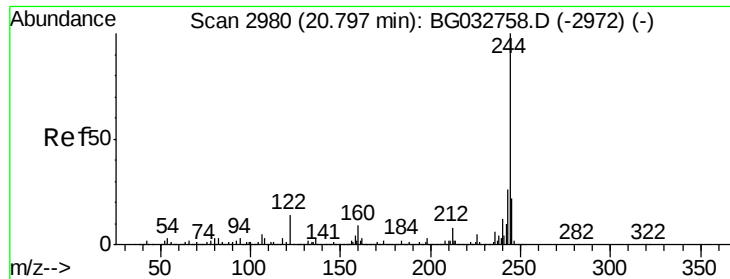
Tot Ion:266 Resp: 4439
 Ion Ratio Lower Upper
 266 100
 268 94.0 51.1 76.7#
 264 54.0 49.6 74.4



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.60 min Scan# 3287
 Delta R.T. -0.01 min
 Lab File: BG033203.D
 Acq: 16 Mar 2018 17:23

Tgt Ion:240 Resp: 325949
 Ion Ratio Lower Upper
 240 100
 120 7.6 6.8 10.2
 236 27.8 20.9 31.3





#78

Terphenyl-d14

Concen: 107.755 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.00 min

Lab File: BG033203.D

Acq: 16 Mar 2018 17:23

Instrument :

BNA_G

ClientSampleId :

4517-21

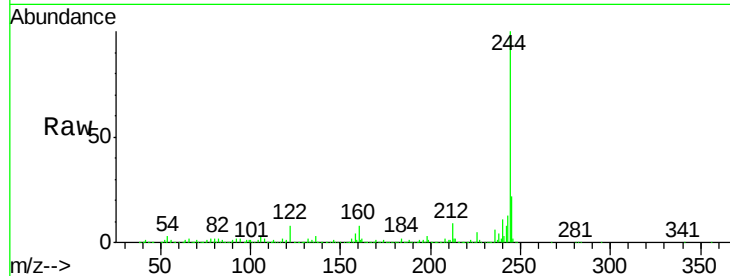
Tot Ion:244 Resp: 1563281

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

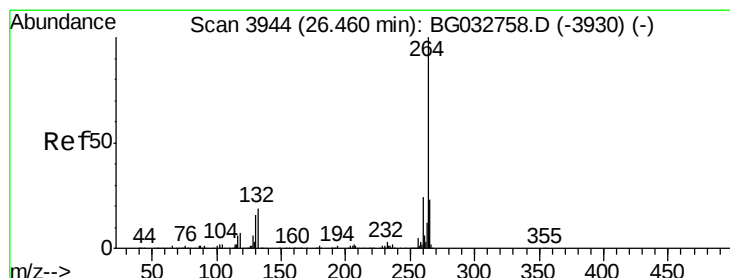
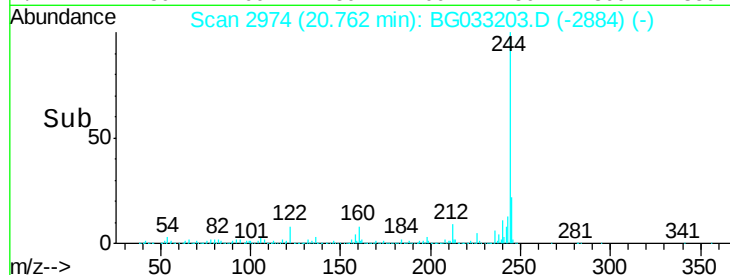
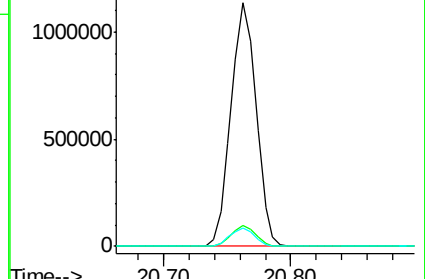
122 7.5 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.39 min Scan# 3932

Delta R.T. -0.02 min

Lab File: BG033203.D

Acq: 16 Mar 2018 17:23

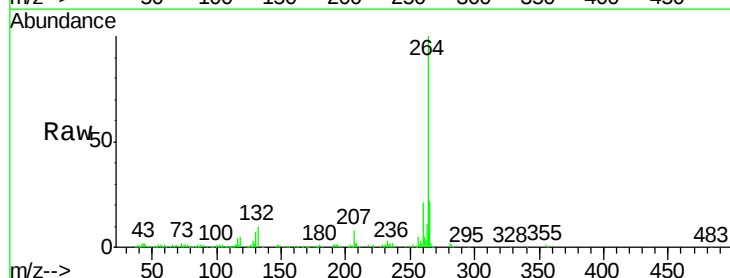
Tgt Ion:264 Resp: 337887

Ion Ratio Lower Upper

264 100

260 21.3 17.4 26.0

265 21.6 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

