

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
 Data File : BG035356.D
 Acq On : 23 Jun 2018 7:06
 Operator : JU/SJ
 Sample : J3587-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 061818-DBRI-E-U-S

Quant Time: Jun 25 06:47:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

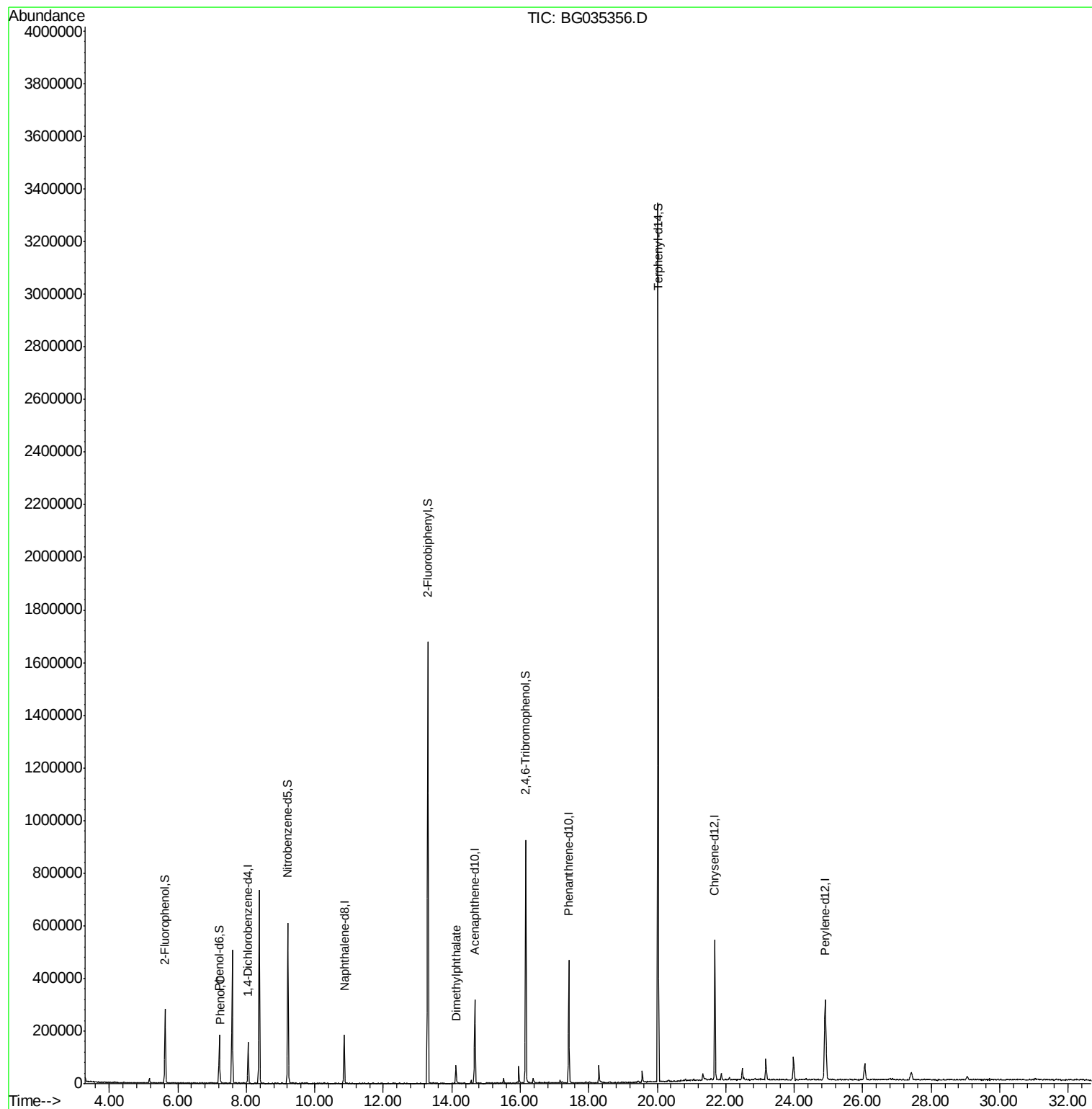
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	44822	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	158668	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	107471	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	297279	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	342930	20.00	ng	-0.04
86) Perylene-d12	24.90	264	332494	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	124080	46.72	ng	-0.01
7) Phenol-d6	7.21	99	108406	27.65	ng	-0.01
23) Nitrobenzene-d5	9.21	82	394295	118.12	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	173085	125.81	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	923898	111.76	ng	-0.03
78) Terphenyl-d14	20.02	244	1573093	96.09	ng	-0.02
Target Compounds						
10) Phenol	7.23	94	9312	2.295	ng	# 73
49) Dimethylphthalate	14.12	163	47746	5.095	ng	# 95

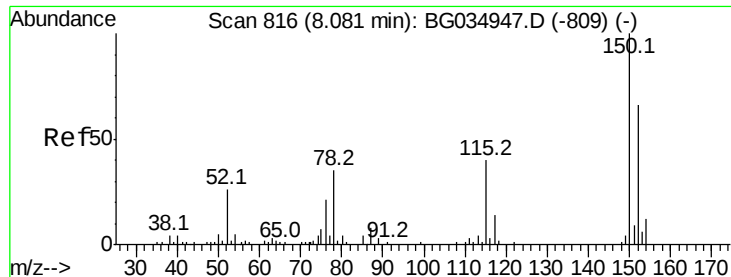
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.02 min

Lab File: BG035356.D

Acq: 23 Jun 2018 7:06

Instrument :

BNA_G

ClientSampleId :

061818-DBRI-E-U-S

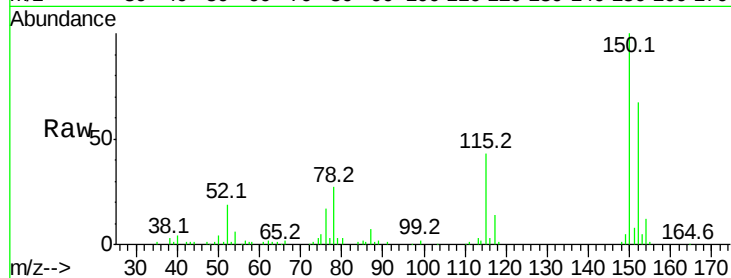
Tot Ion:152 Resp: 44822

Ion Ratio Lower Upper

152 100

150 148.9 126.6 189.8

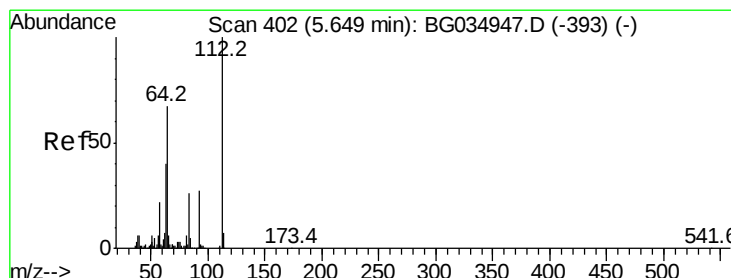
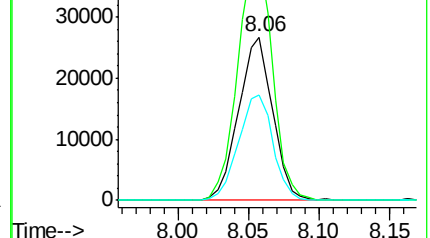
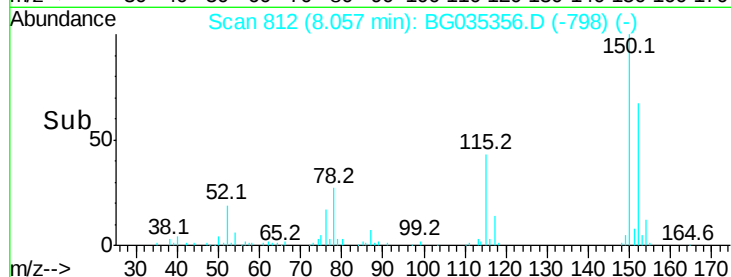
115 64.3 53.0 79.4



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: 46.718 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG035356.D

Acq: 23 Jun 2018 7:06

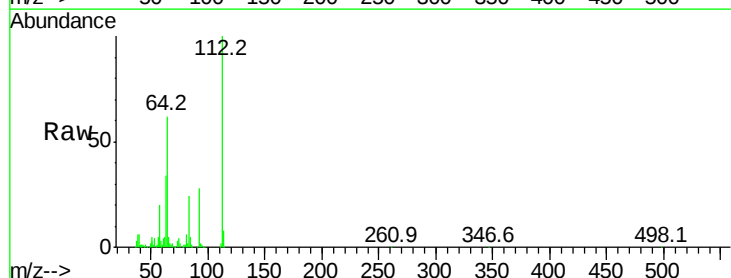
Tgt Ion:112 Resp: 124080

Ion Ratio Lower Upper

112 100

64 61.8 56.3 84.5

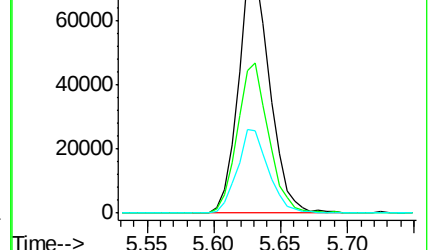
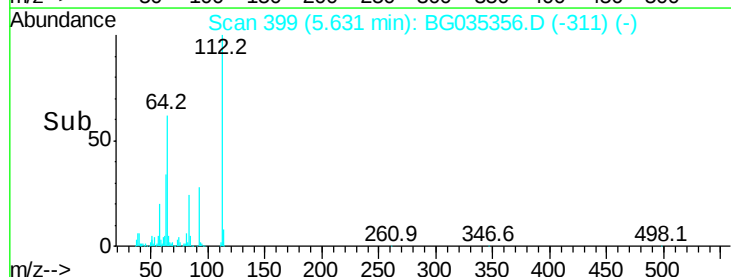
63 33.7 30.1 45.1

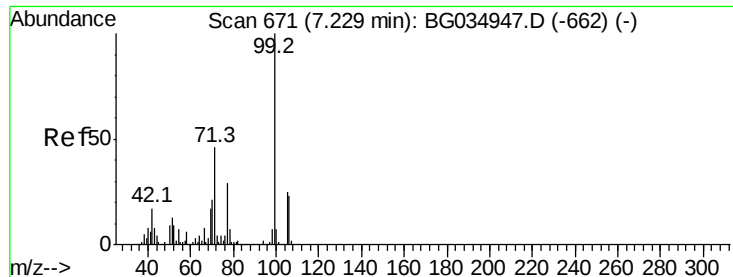


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 27.654 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035356.D

Acq: 23 Jun 2018 7:06

Instrument :

BNA_G

ClientSampleId :

061818-DBRI-E-U-S

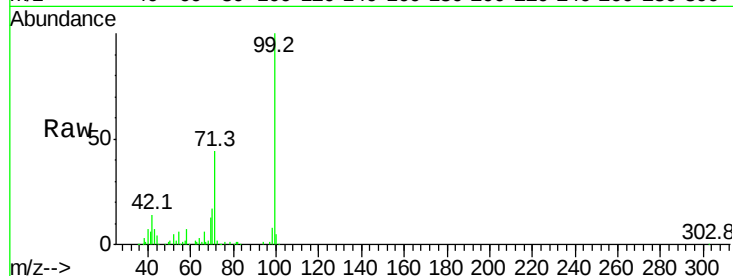
Tot Ion: 99 Resp: 108406

Ion Ratio Lower Upper

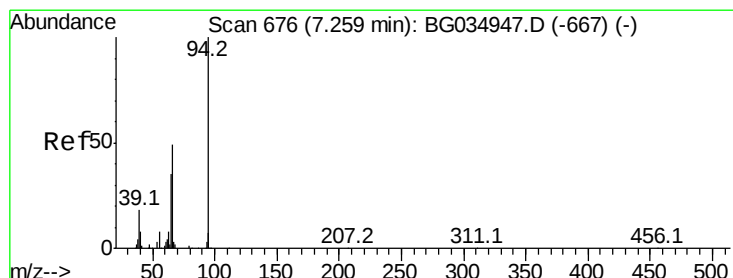
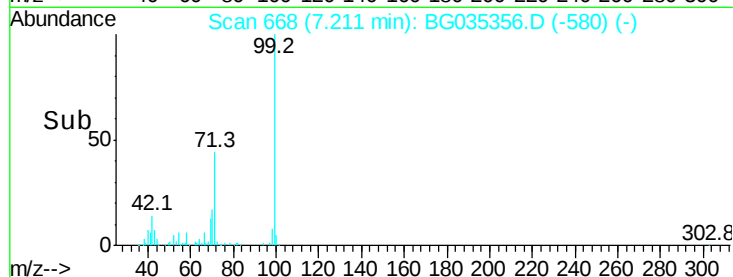
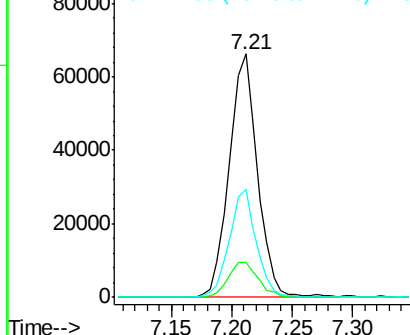
99 100

42 14.1 14.1 21.1

71 44.1 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: 2.295 ng

RT: 7.23 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG035356.D

Acq: 23 Jun 2018 7:06

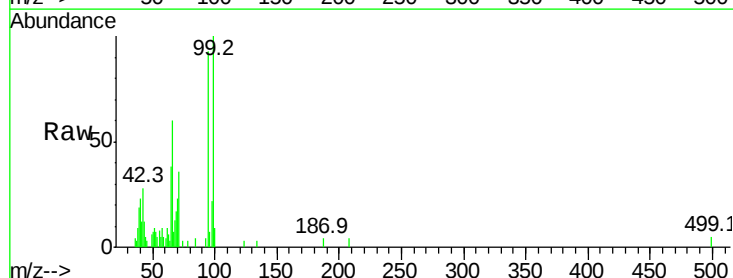
Tgt Ion: 94 Resp: 9312

Ion Ratio Lower Upper

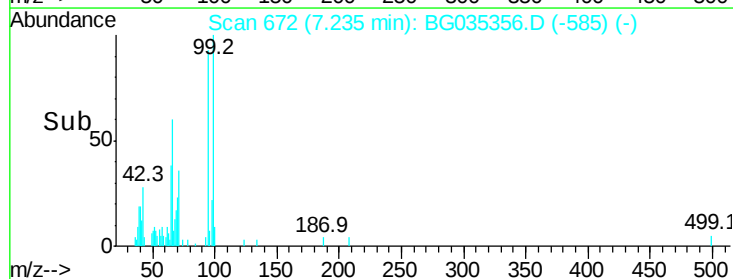
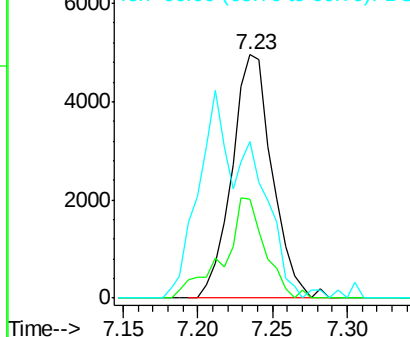
94 100

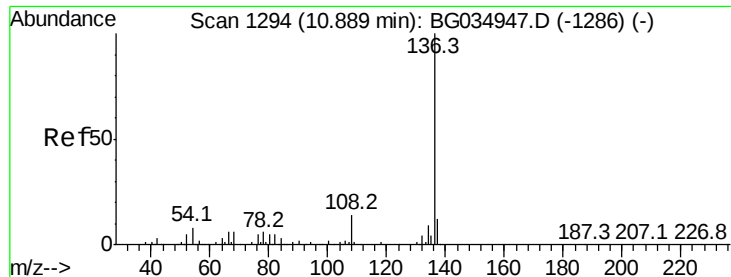
65 40.5 11.9 51.9

66 64.5 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

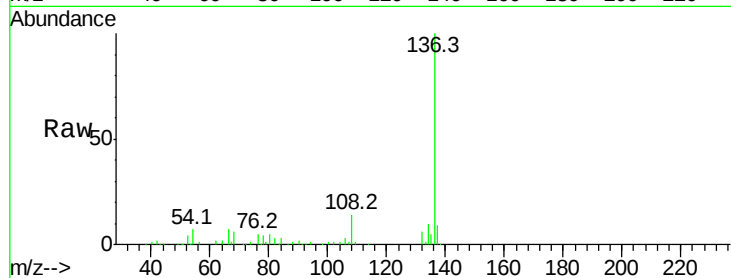




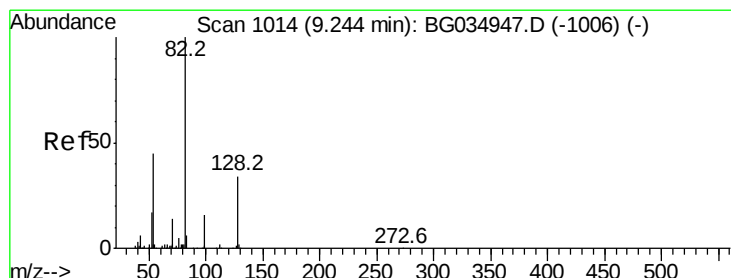
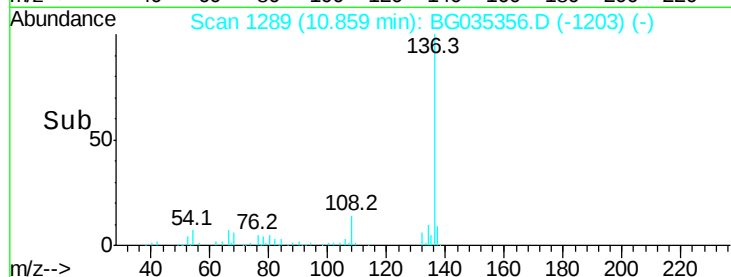
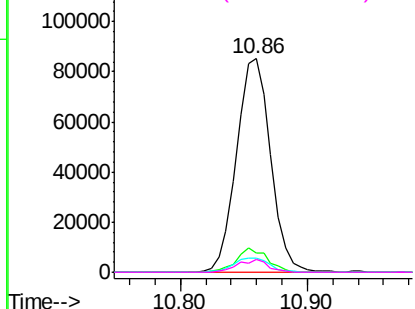
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG035356.D
Acq: 23 Jun 2018 7:06

Instrument :
BNA_G
ClientSampleId :
061818-DBRI-E-U-S

Tot Ion:136	Resp:	158668
Ion Ratio	Lower	Upper
136	100	
137	9.2	9.2 13.8
54	6.8	10.3 15.5
68	5.8	4.5 6.7

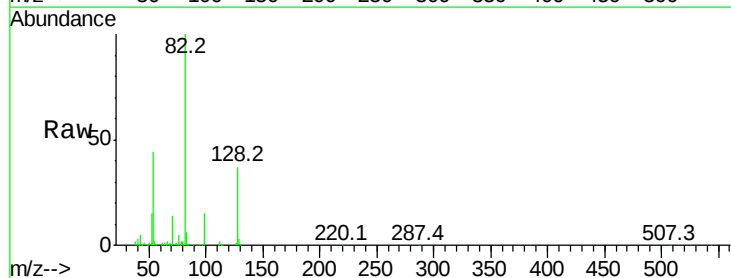


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

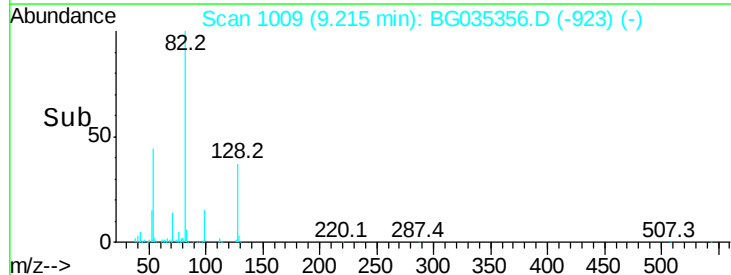
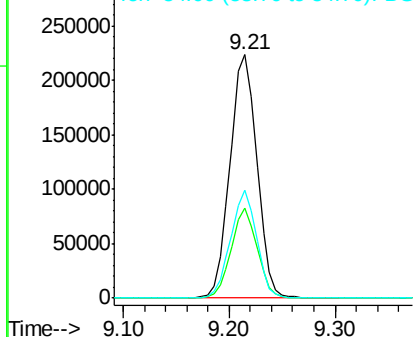


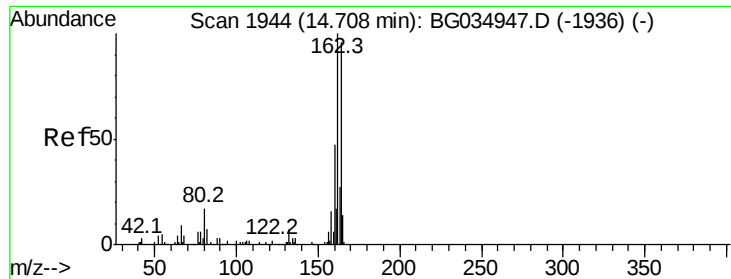
#23
Nitrobenzene-d5
Concen: 118.124 ng
RT: 9.21 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035356.D
Acq: 23 Jun 2018 7:06

Tgt Ion: 82	Resp:	394295
Ion Ratio	Lower	Upper
82	100	
128	37.2	29.7 44.5
54	44.3	43.1 64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035356.D

Acq: 23 Jun 2018 7:06

Instrument :

BNA_G

ClientSampleId :

061818-DBRI-E-U-S

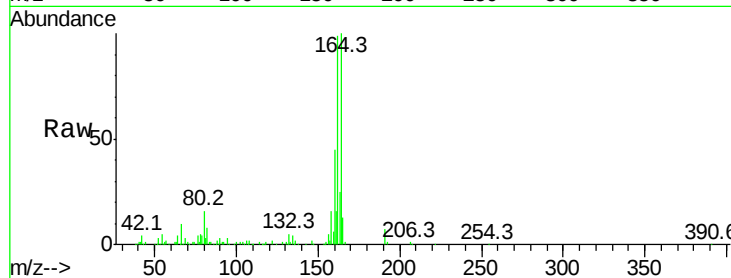
Tot Ion:164 Resp: 107471

Ion Ratio Lower Upper

164 100

162 99.1 78.8 118.2

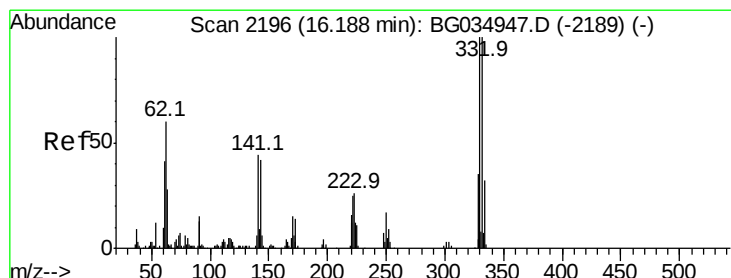
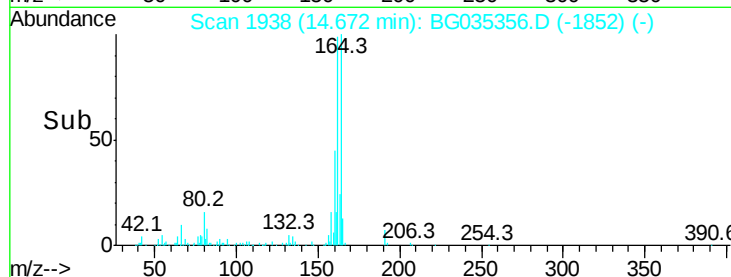
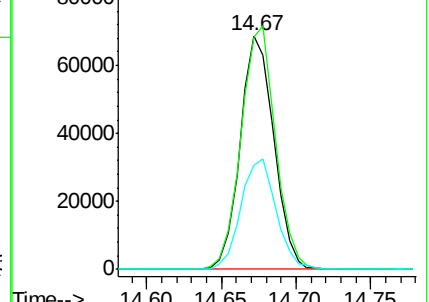
160 44.8 35.4 53.0



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: 125.810 ng

RT: 16.16 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG035356.D

Acq: 23 Jun 2018 7:06

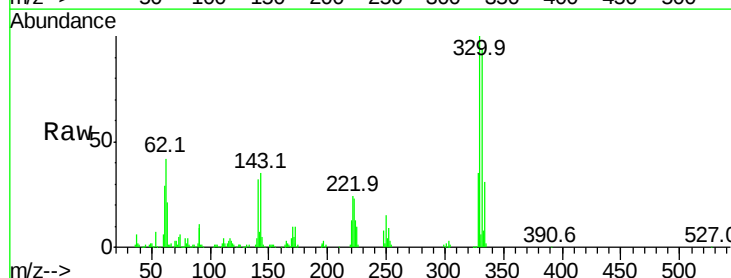
Tgt Ion:330 Resp: 173085

Ion Ratio Lower Upper

330 100

332 93.1 77.0 115.6

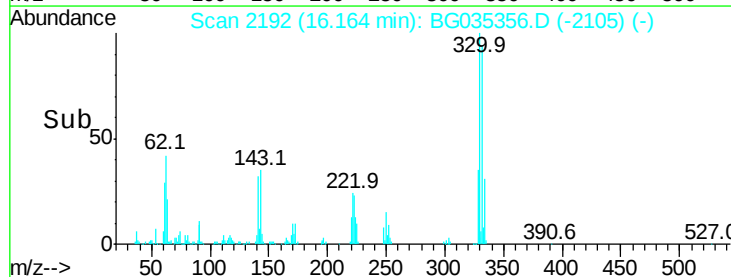
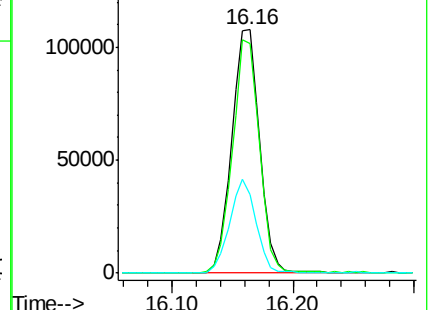
141 36.3 25.2 37.8

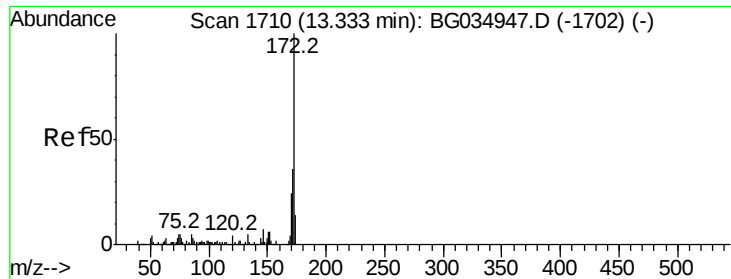


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

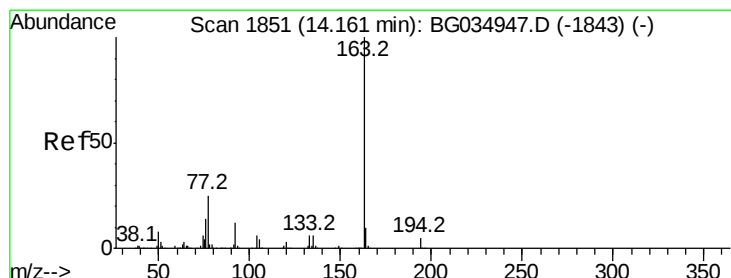
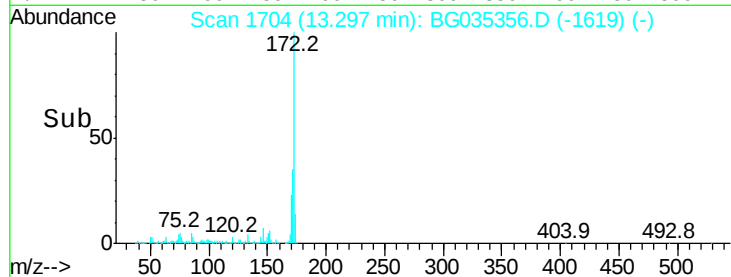
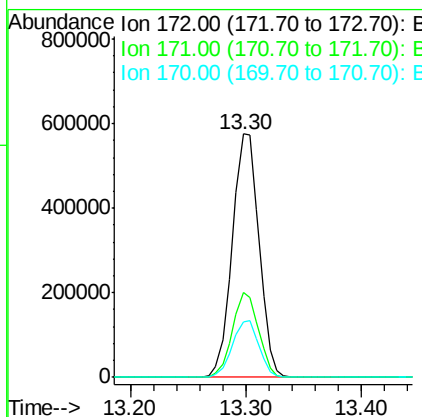
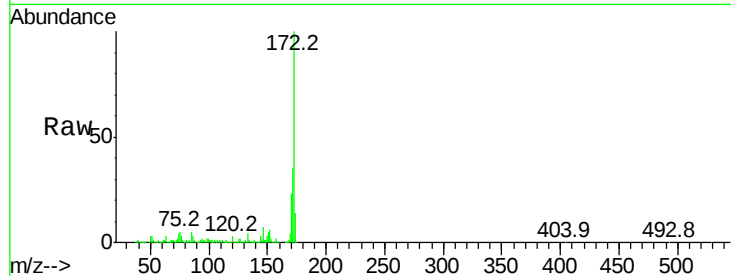




#44
2-Fluorobiphenyl
Concen: 111.757 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.03 min
Lab File: BG035356.D
Acq: 23 Jun 2018 7:06

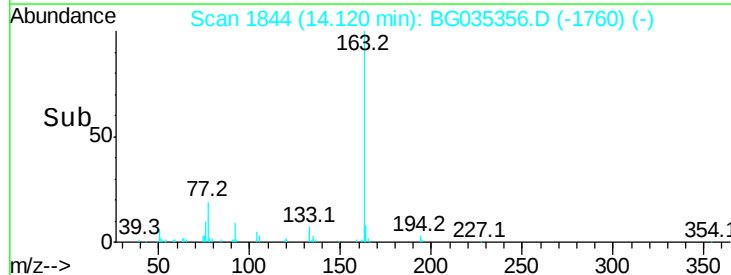
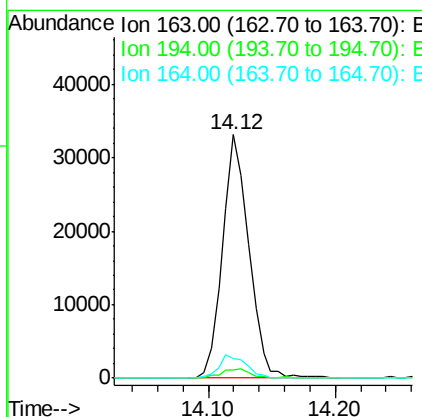
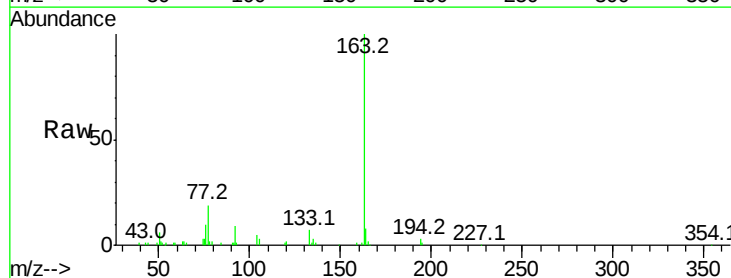
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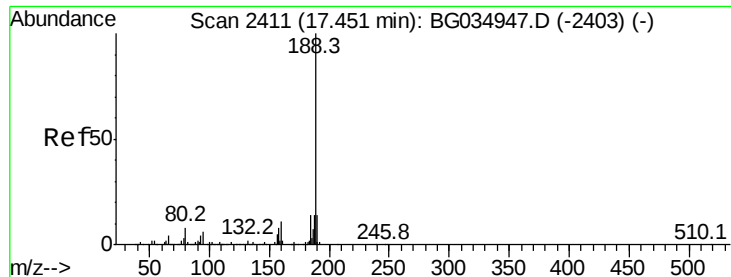
Tot Ion:172 Resp: 923898
Ion Ratio Lower Upper
172 100
171 35.0 30.0 45.0
170 23.0 19.5 29.3



#49
Dimethylphthalate
Concen: 5.095 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.04 min
Lab File: BG035356.D
Acq: 23 Jun 2018 7:06

Tgt Ion:163 Resp: 47746
Ion Ratio Lower Upper
163 100
194 3.5 3.4 5.2
164 8.1 8.2 12.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035356.D

Acq: 23 Jun 2018 7:06

Instrument :

BNA_G

ClientSampleId :

061818-DBRI-E-U-S

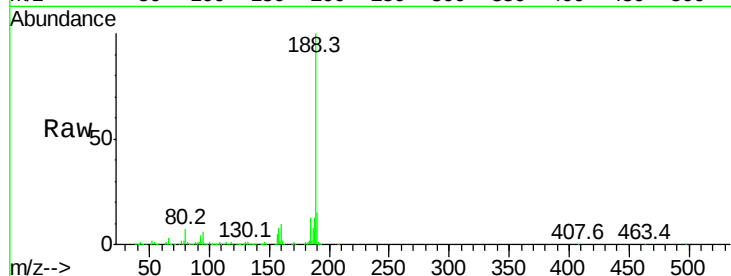
Tot Ion:188 Resp: 297279

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

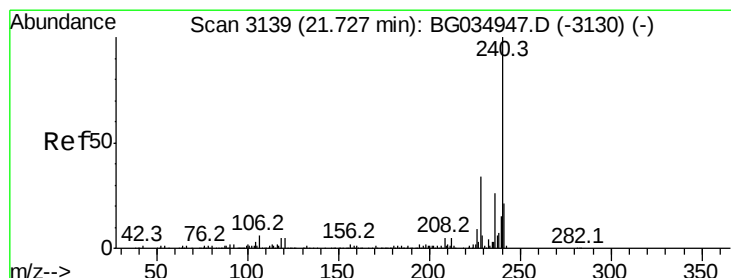
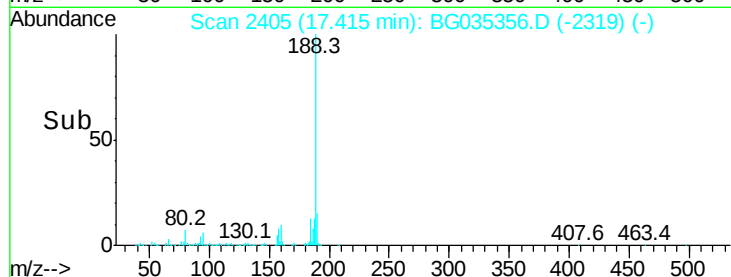
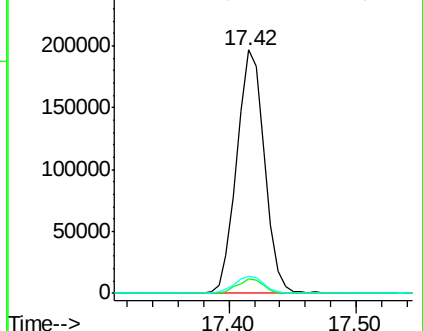
80 7.2 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG035356.D

Acq: 23 Jun 2018 7:06

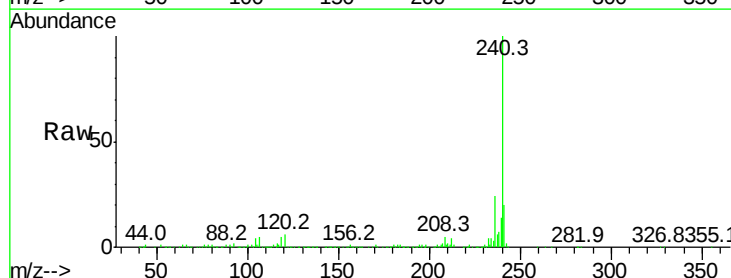
Tgt Ion:240 Resp: 342930

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

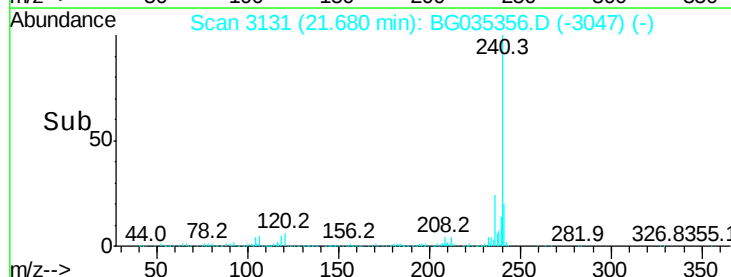
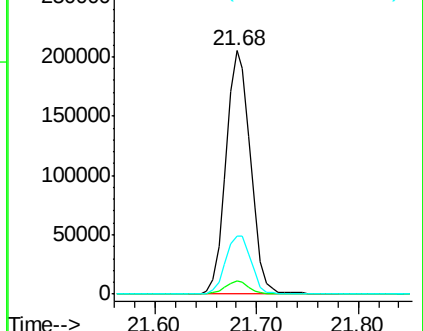
236 23.8 20.9 31.3

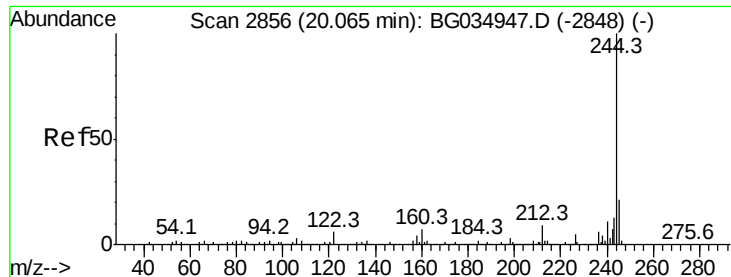


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 96.087 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035356.D

Acq: 23 Jun 2018 7:06

Instrument :

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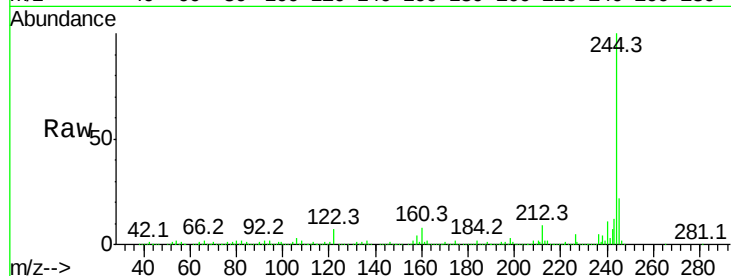
Tot Ion:244 Resp: 1573093

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

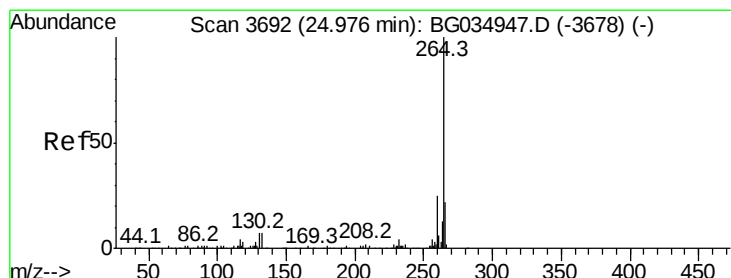
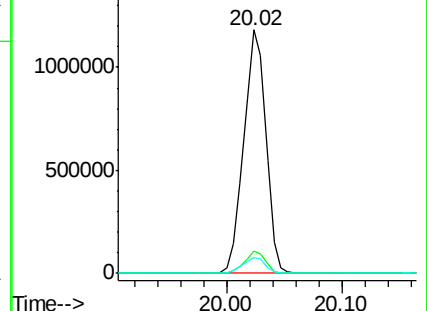
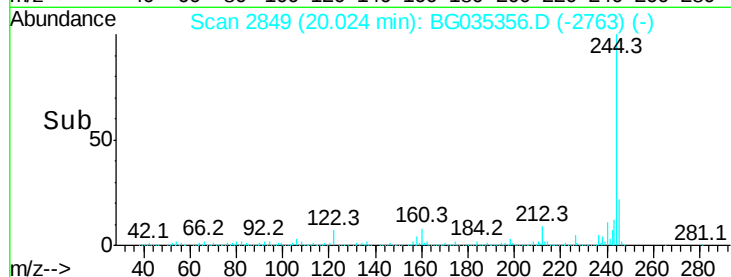
122 6.5 7.0 10.4#



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: 24.90 min Scan# 3679

Delta R.T. -0.05 min

Lab File: BG035356.D

Acq: 23 Jun 2018 7:06

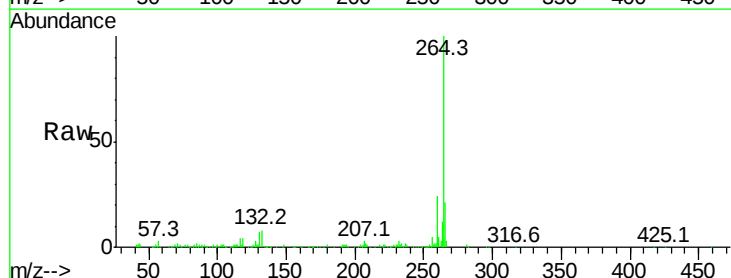
Tgt Ion:264 Resp: 332494

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 21.1 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

