

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
 Data File : BG035357.D
 Acq On : 23 Jun 2018 7:45
 Operator : JU/SJ
 Sample : J3587-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 061818-TIPC-F-D-B

Quant Time: Jun 25 06:48:45 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

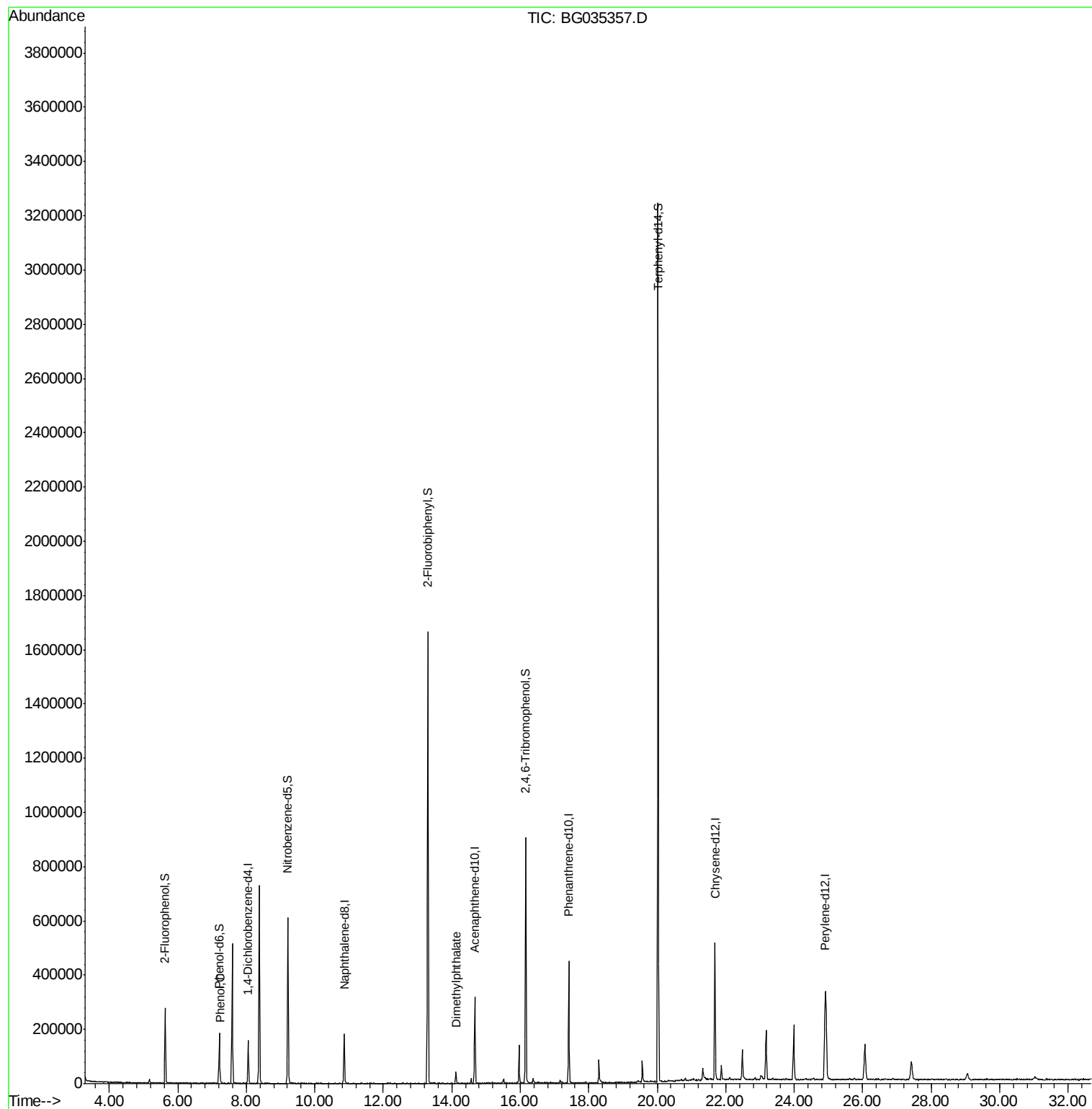
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	45591	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	153645	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	102668	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	277369	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	324614	20.00	ng	-0.03
86) Perylene-d12	24.90	264	312868	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	123562	45.74	ng	-0.01
7) Phenol-d6	7.21	99	111811	28.04	ng	-0.02
23) Nitrobenzene-d5	9.21	82	403119	124.72	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	176107	133.99	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	927117	117.39	ng	-0.02
78) Terphenyl-d14	20.02	244	1538396	99.27	ng	-0.02
Target Compounds						
10) Phenol	7.23	94	8323	2.017	ng	82
49) Dimethylphthalate	14.12	163	28768	3.213	ng	100

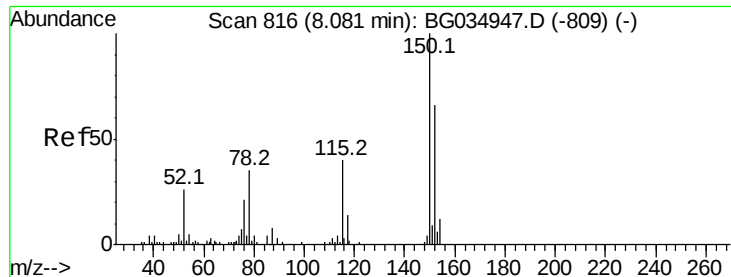
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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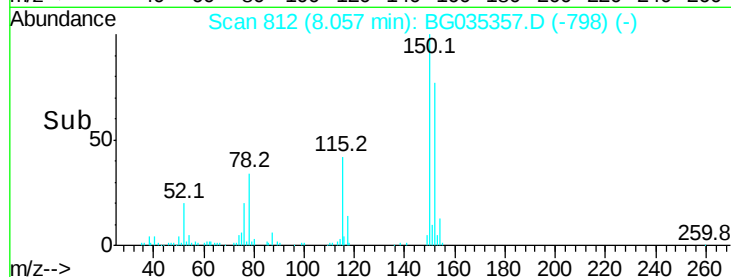
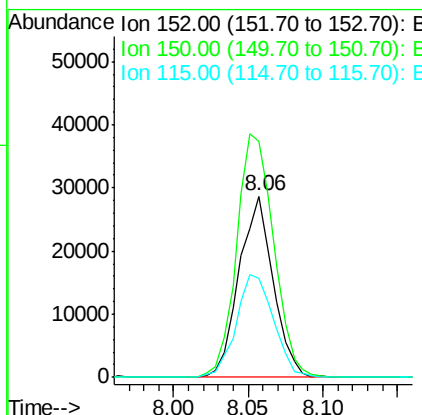
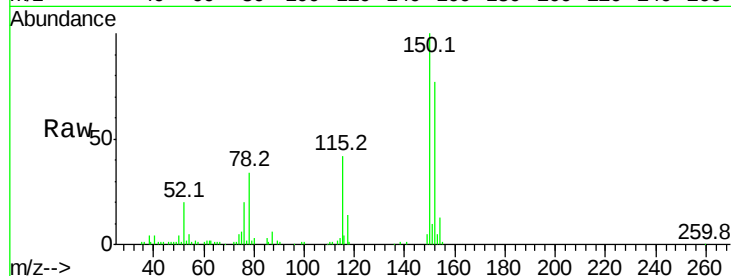


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035357.D
Acq: 23 Jun 2018 7:45

Instrument :
BNA_G
ClientSampleId :
061818-TIPC-F-D-B

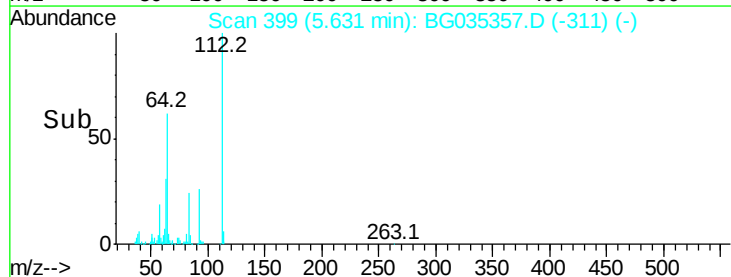
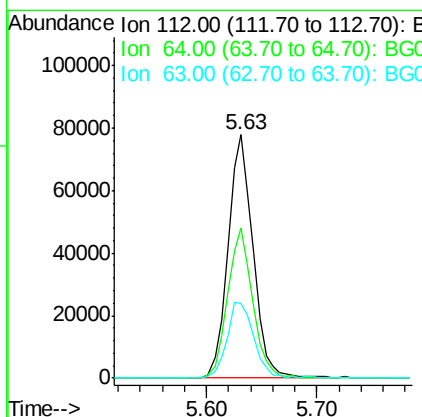
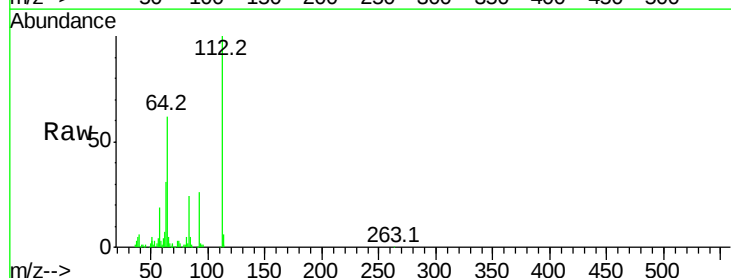
Tot Ion:152 Resp: 45591
Ion Ratio Lower Upper
152 100
150 130.5 126.6 189.8
115 54.7 53.0 79.4

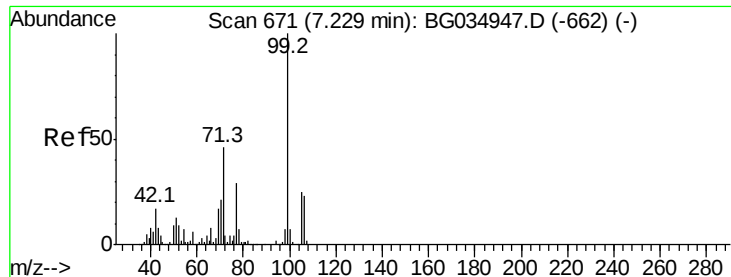


#5

2-Fluorophenol
Concen: 45.738 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035357.D
Acq: 23 Jun 2018 7:45

Tgt Ion:112 Resp: 123562
Ion Ratio Lower Upper
112 100
64 61.6 56.3 84.5
63 30.7 30.1 45.1





#7

Phenol-d6

Concen: 28.042 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.02 min

Lab File: BG035357.D

Acq: 23 Jun 2018 7:45

Instrument :

BNA_G

ClientSampleId :

061818-TIPC-F-D-B

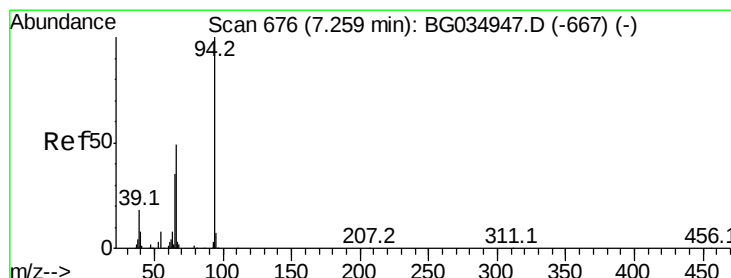
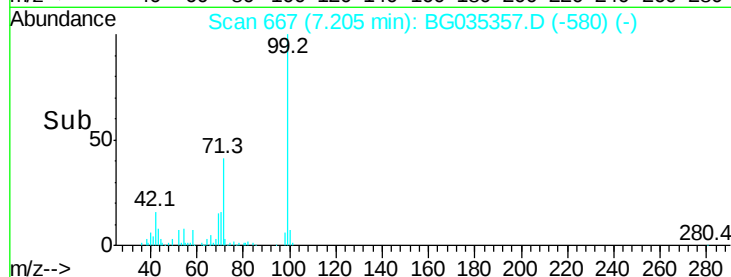
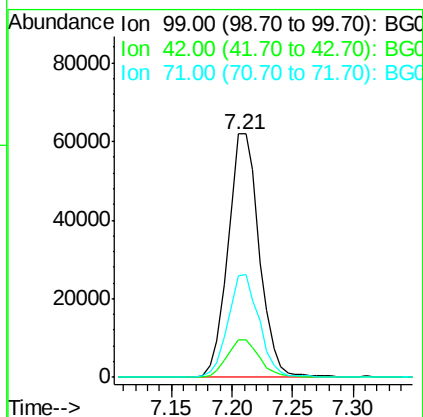
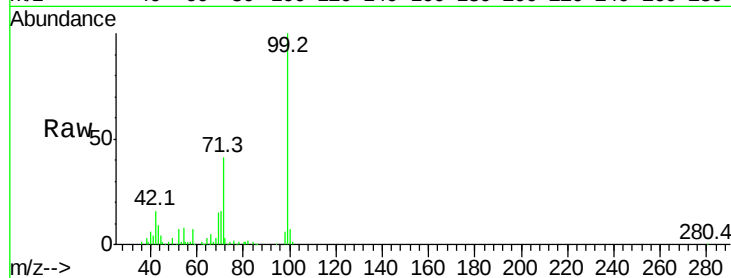
Tot Ion: 99 Resp: 111811

Ion Ratio Lower Upper

99 100

42 15.6 14.1 21.1

71 41.5 26.1 39.1#



#10

Phenol

Concen: 2.017 ng

RT: 7.23 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG035357.D

Acq: 23 Jun 2018 7:45

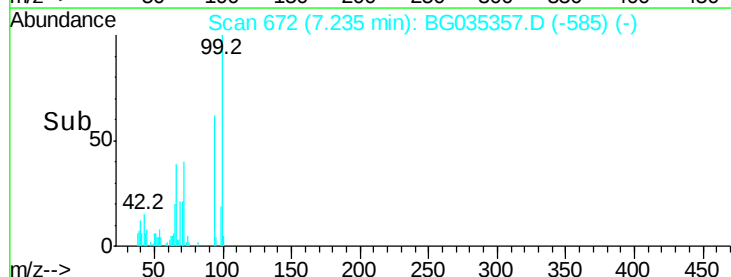
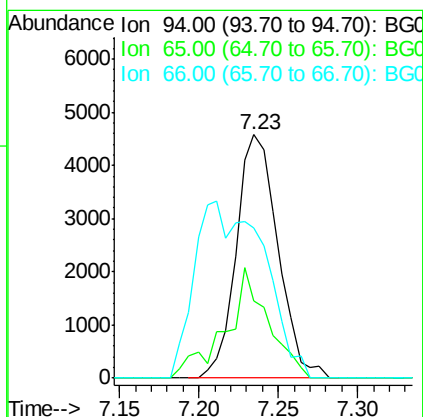
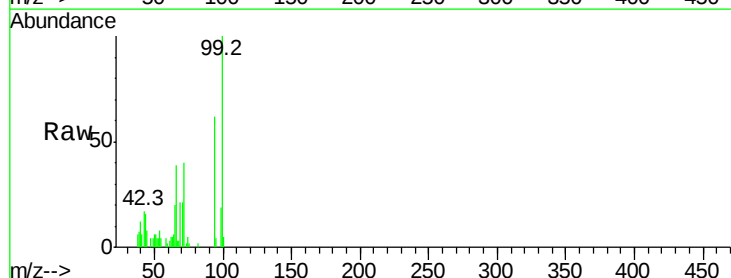
Tgt Ion: 94 Resp: 8323

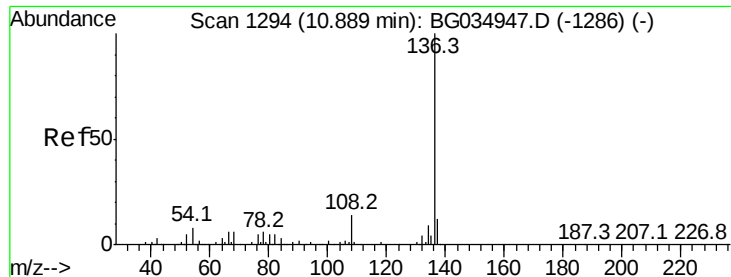
Ion Ratio Lower Upper

94 100

65 31.5 11.9 51.9

66 61.8 22.2 62.2

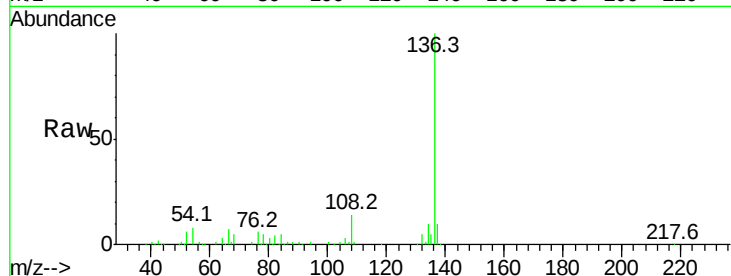




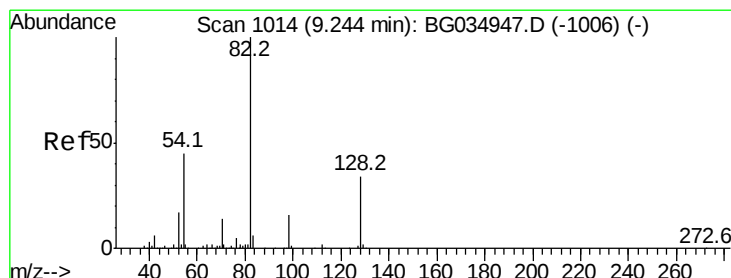
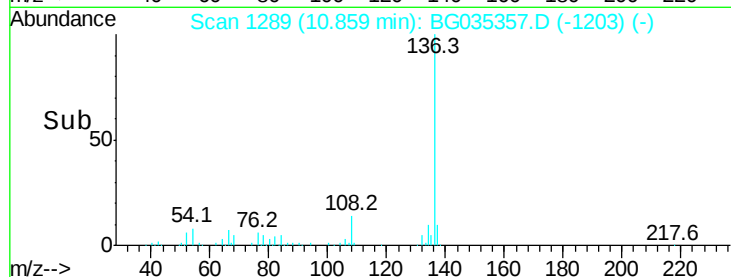
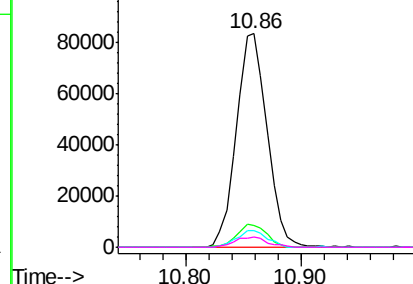
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG035357.D
Acq: 23 Jun 2018 7:45

Instrument :
BNA_G
ClientSampleId :
061818-TIPC-F-D-B

Tot Ion:136	Resp:	153645
Ion Ratio	Lower	Upper
136	100	
137	10.2	9.2 13.8
54	8.1	10.3 15.5#
68	5.0	4.5 6.7

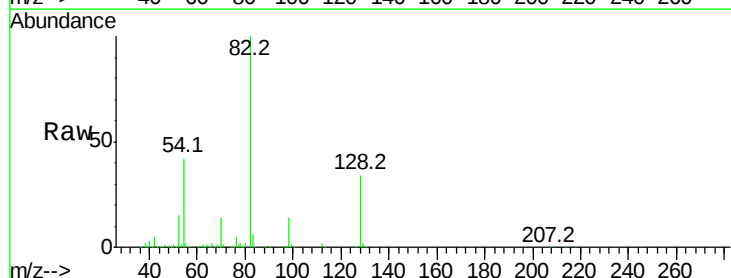


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

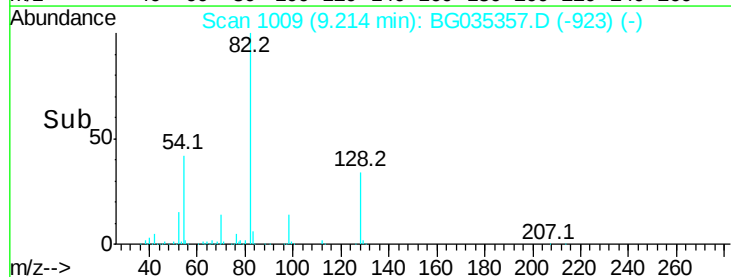
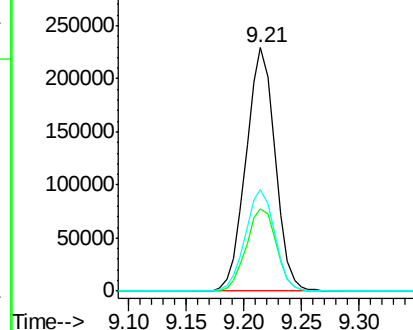


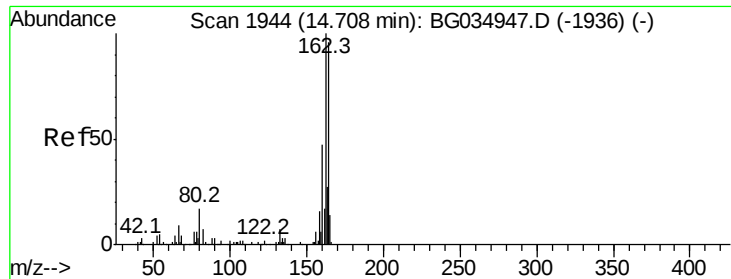
#23
Nitrobenzene-d5
Concen: 124.716 ng
RT: 9.21 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035357.D
Acq: 23 Jun 2018 7:45

Tgt Ion: 82	Resp:	403119
Ion Ratio	Lower	Upper
82	100	
128	33.7	29.7 44.5
54	42.0	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: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035357.D

Acq: 23 Jun 2018 7:45

Instrument :

BNA_G

ClientSampleId :

061818-TIPC-F-D-B

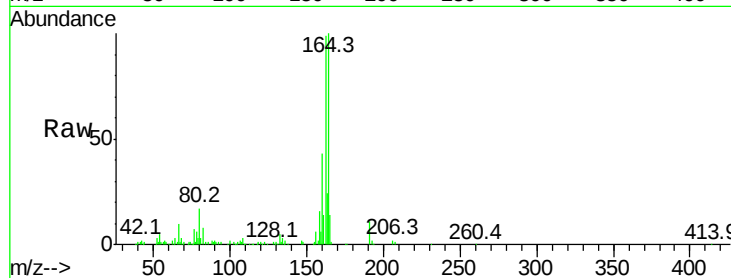
Tot Ion:164 Resp: 102668

Ion Ratio Lower Upper

164 100

162 99.1 78.8 118.2

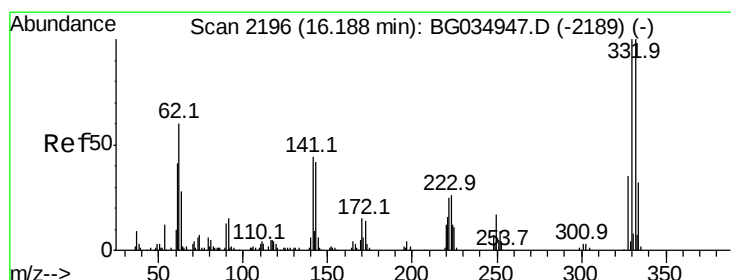
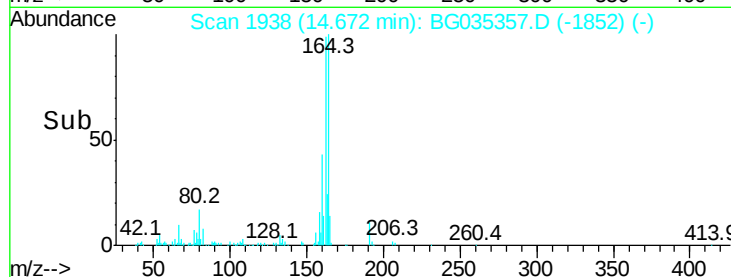
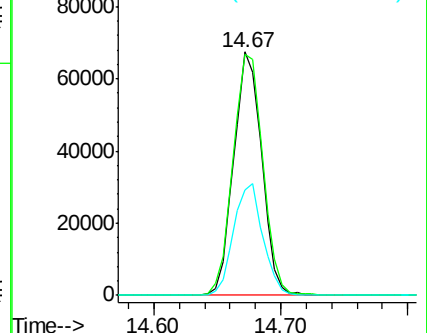
160 43.3 35.4 53.0



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: 133.995 ng

RT: 16.16 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG035357.D

Acq: 23 Jun 2018 7:45

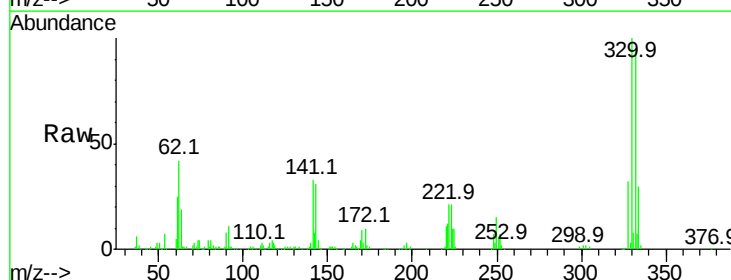
Tgt Ion:330 Resp: 176107

Ion Ratio Lower Upper

330 100

332 94.8 77.0 115.6

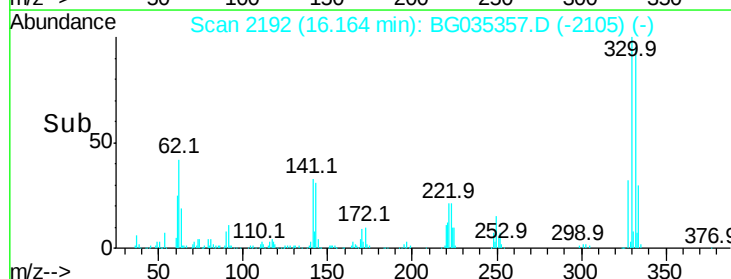
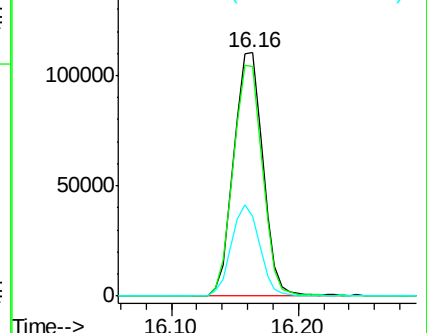
141 36.4 25.2 37.8

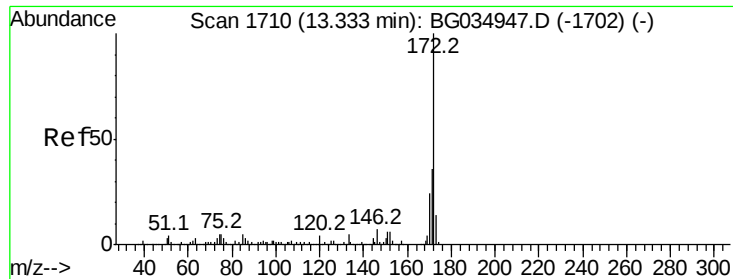


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

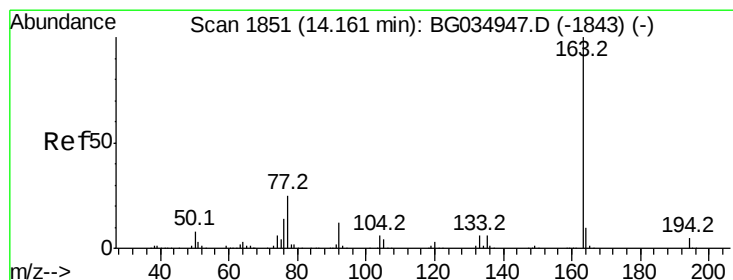
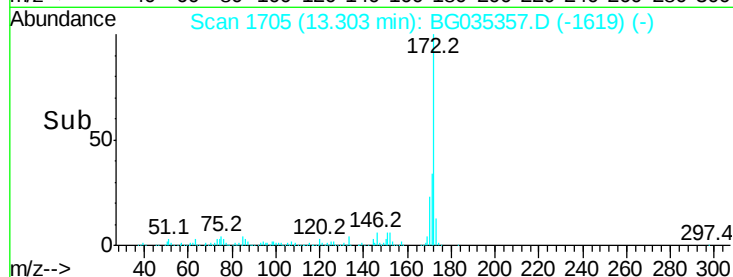
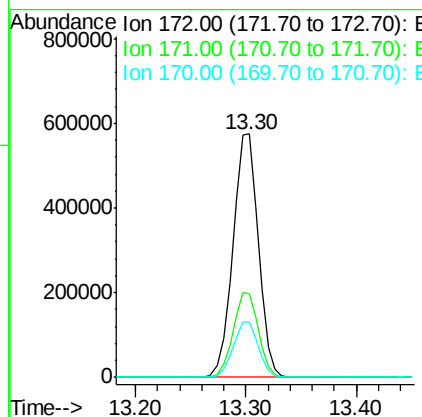
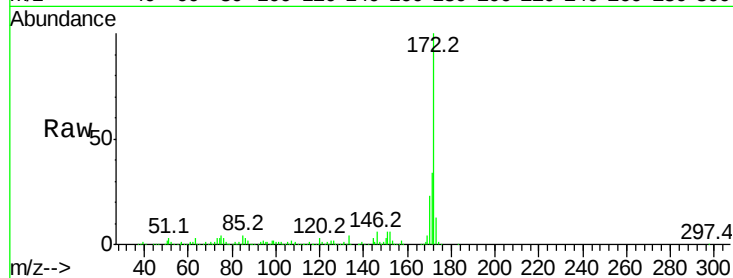




#44
2-Fluorobiphenyl
Concen: 117.393 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035357.D
Acq: 23 Jun 2018 7:45

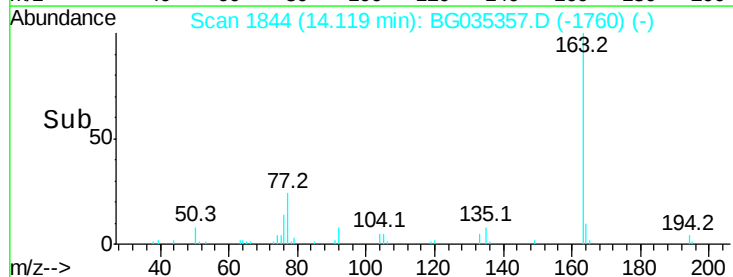
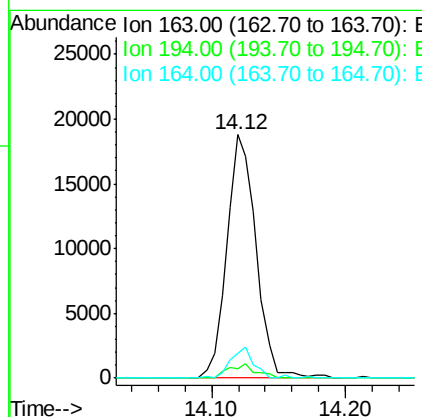
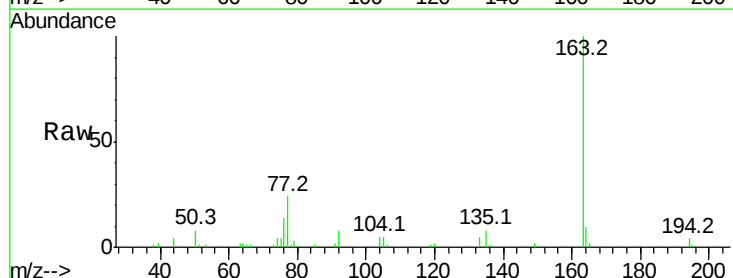
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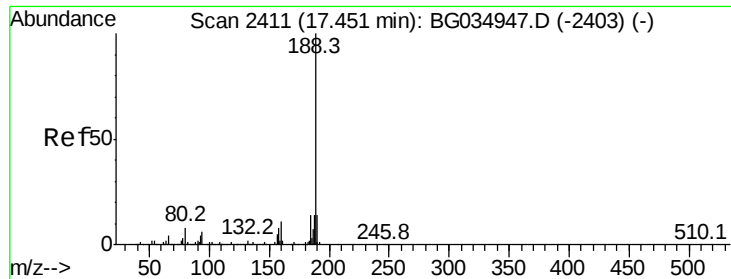
Tot Ion:172 Resp: 927117
Ion Ratio Lower Upper
172 100
171 34.1 30.0 45.0
170 22.9 19.5 29.3



#49
Dimethylphthalate
Concen: 3.213 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.04 min
Lab File: BG035357.D
Acq: 23 Jun 2018 7:45

Tgt Ion:163 Resp: 28768
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.2 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: BG035357.D

Acq: 23 Jun 2018 7:45

Instrument :

BNA_G

ClientSampleId :

061818-TIPC-F-D-B

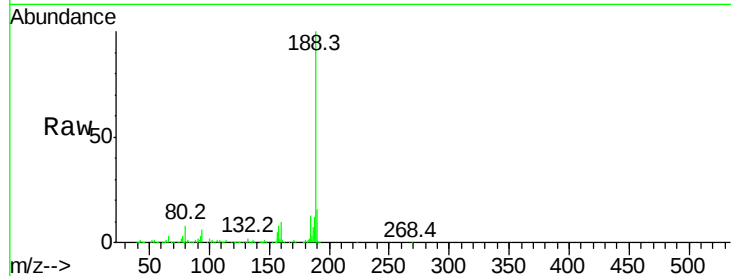
Tot Ion:188 Resp: 277369

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

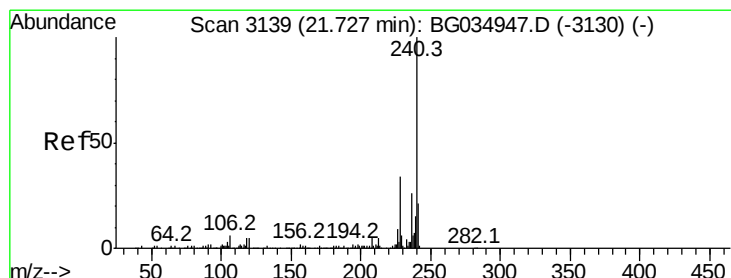
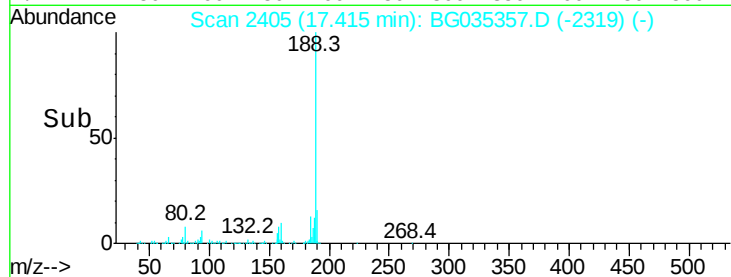
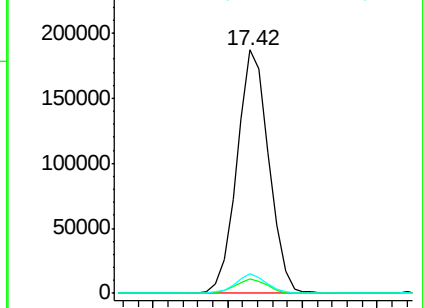
80 8.2 7.7 11.5



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: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035357.D

Acq: 23 Jun 2018 7:45

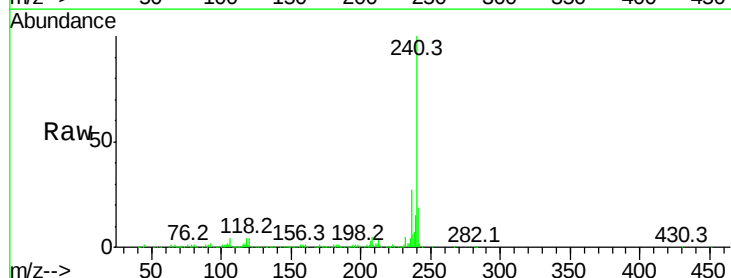
Tgt Ion:240 Resp: 324614

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

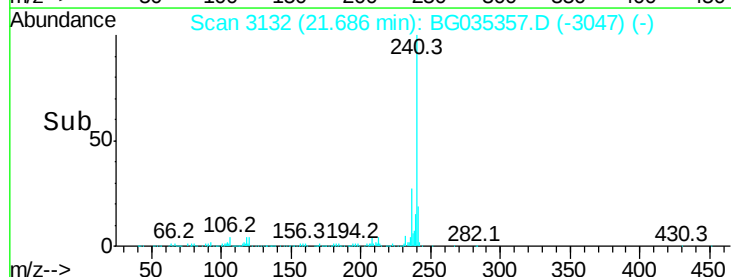
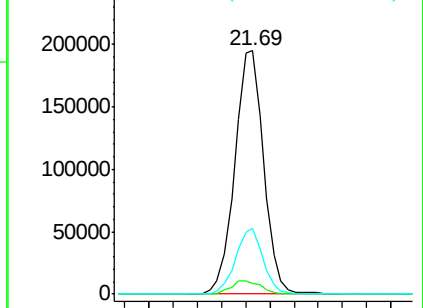
236 26.7 20.9 31.3

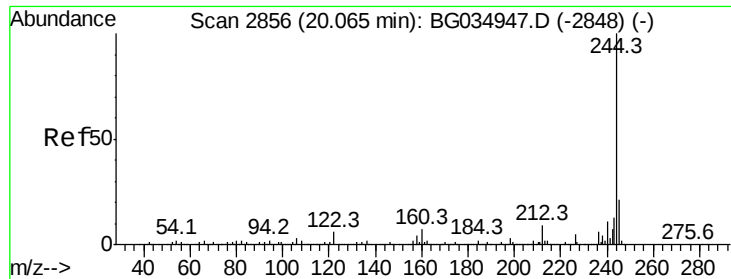


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 99.270 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035357.D

Acq: 23 Jun 2018 7:45

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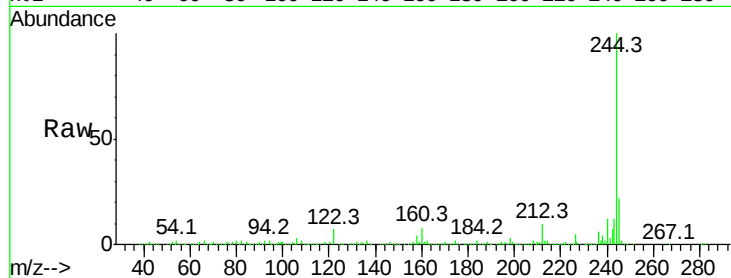
Tot Ion:244 Resp: 1538396

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

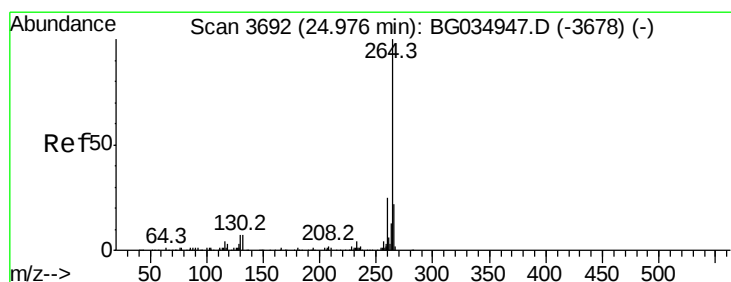
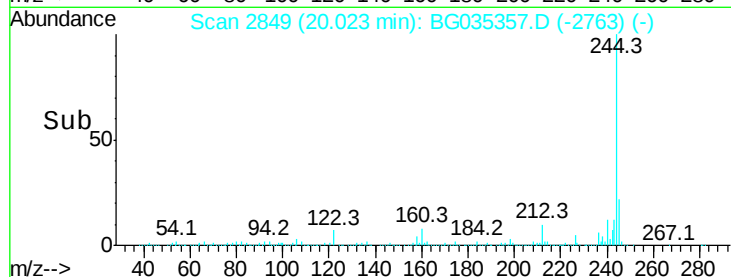
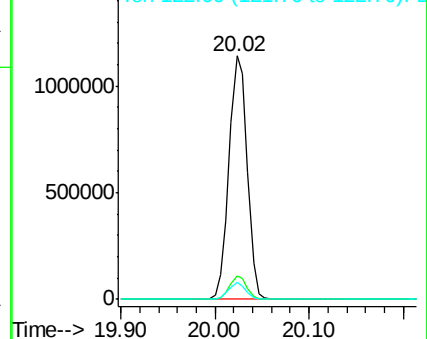
122 7.0 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3679

Delta R.T. -0.05 min

Lab File: BG035357.D

Acq: 23 Jun 2018 7:45

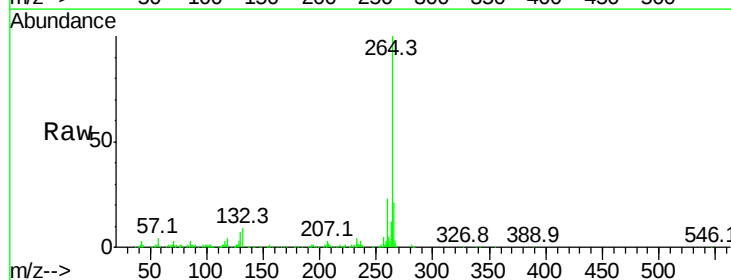
Tgt Ion:264 Resp: 312868

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.0

265 20.9 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

