

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071318\
 Data File : BG035635.D
 Acq On : 13 Jul 2018 18:46
 Operator : JU/SJ
 Sample : J3943-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-1

Quant Time: Jul 14 00:47:48 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

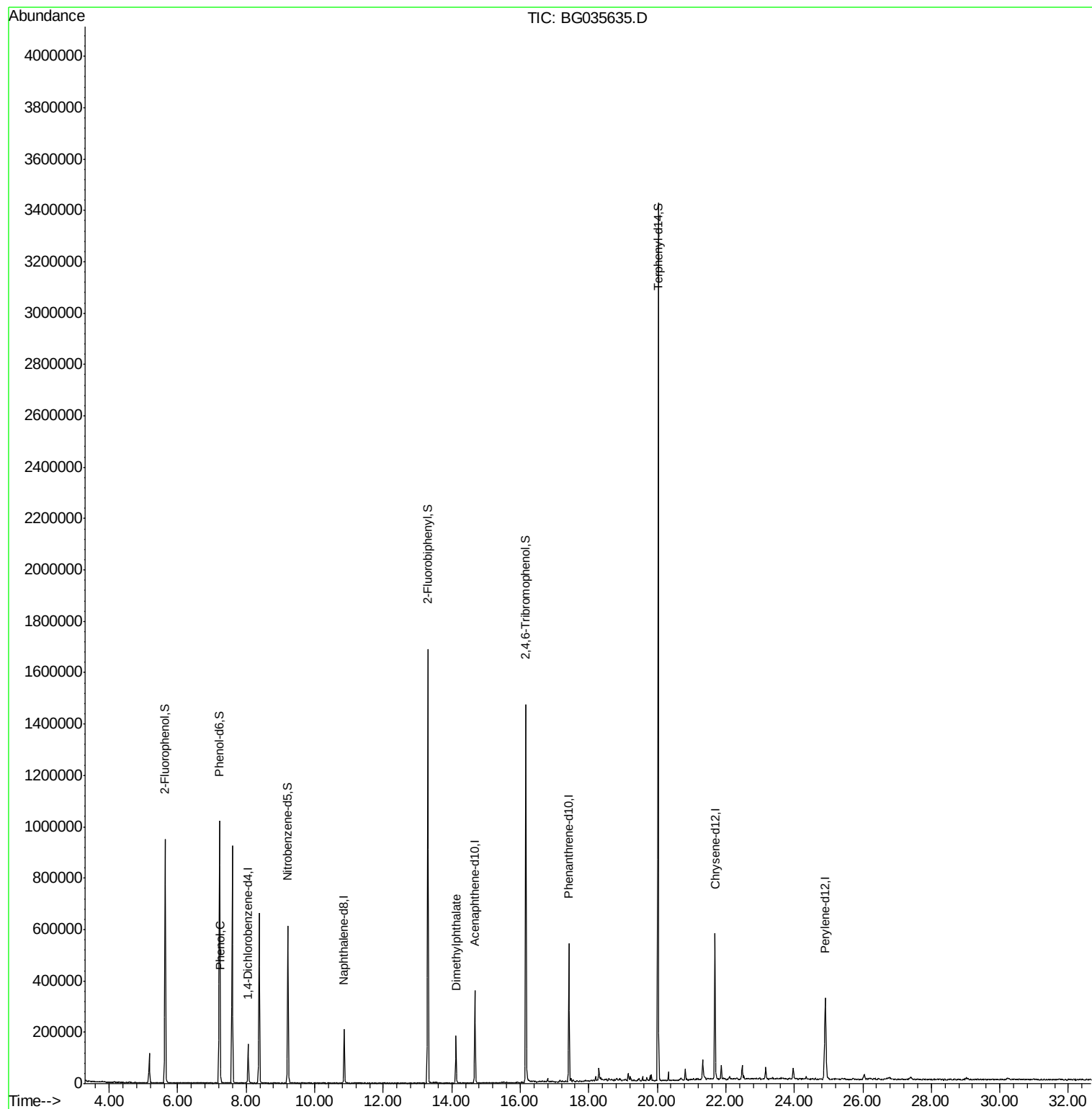
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	43067	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	169677	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	123556	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	340926	20.00	ng	0.00
75) Chrysene-d12	21.68	240	356539	20.00	ng	0.00
86) Perylene-d12	24.90	264	339616	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	388509	149.77	ng	0.00
7) Phenol-d6	7.22	99	597287	154.33	ng	0.00
23) Nitrobenzene-d5	9.22	82	392461	96.62	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	257475	158.10	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	903784	98.00	ng	0.00
78) Terphenyl-d14	20.03	244	1589663	98.28	ng	0.00
Target Compounds						
10) Phenol	7.24	94	14026	3.587	ng	86
49) Dimethylphthalate	14.12	163	118190	10.918	ng	100

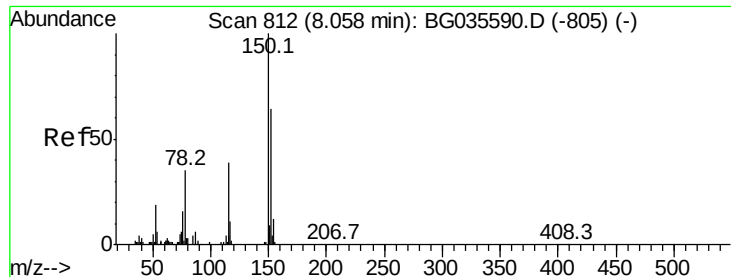
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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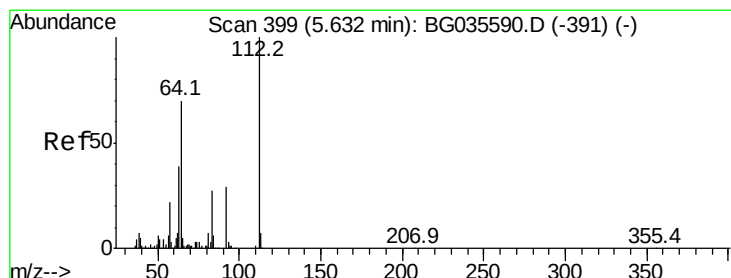
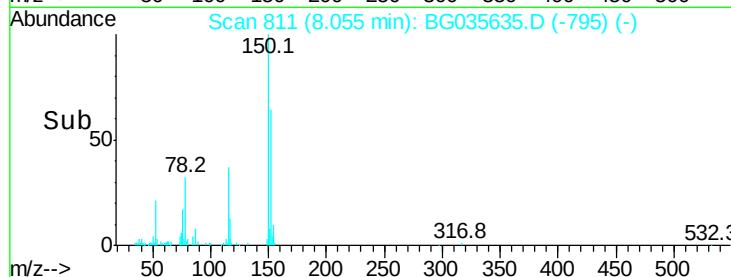
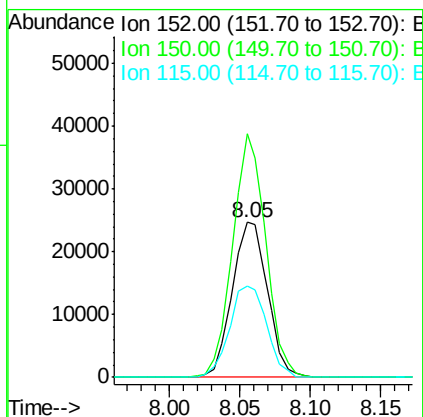
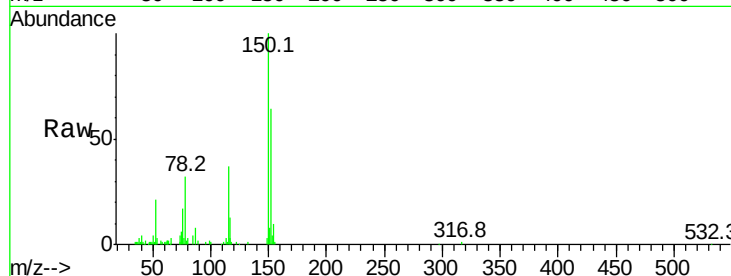


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG035635.D
Acq: 13 Jul 2018 18:46

Instrument :
BNA_G
ClientSampleId :
C-1

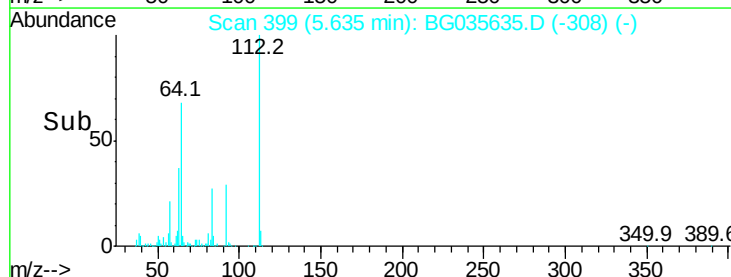
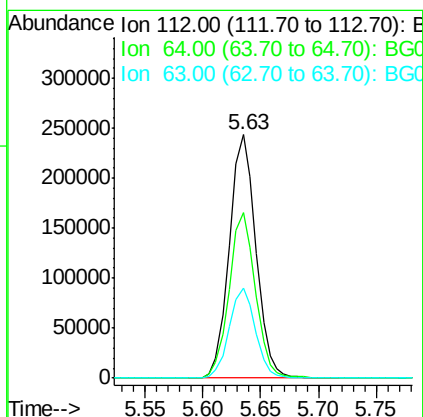
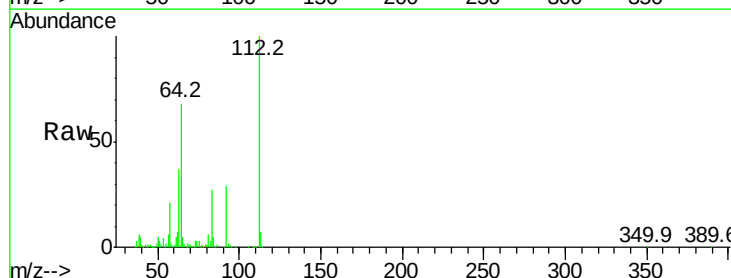
Tot Ion:152 Resp: 43067
Ion Ratio Lower Upper
152 100
150 157.3 126.6 189.8
115 58.8 53.0 79.4

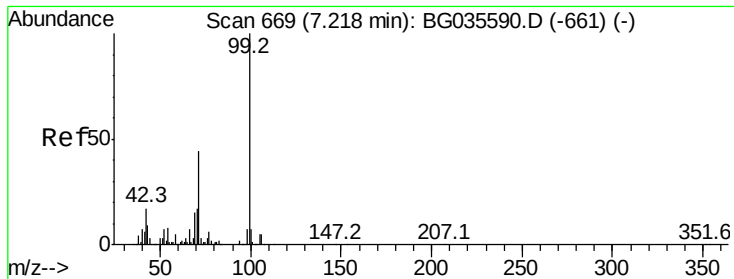


#5

2-Fluorophenol
Concen: 149.770 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG035635.D
Acq: 13 Jul 2018 18:46

Tgt Ion:112 Resp: 388509
Ion Ratio Lower Upper
112 100
64 68.0 56.3 84.5
63 37.0 30.1 45.1





#7

Phenol-d6

Concen: 154.327 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG035635.D

Acq: 13 Jul 2018 18:46

Instrument :

BNA_G

ClientSampleId :

C-1

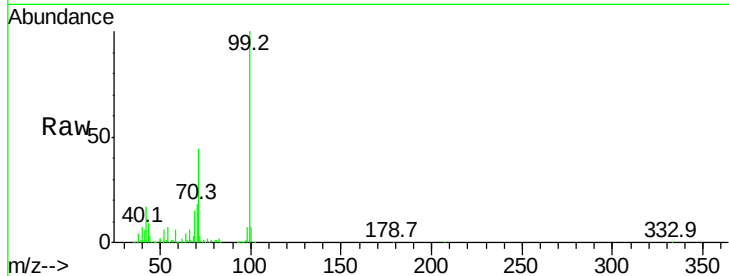
Tot Ion: 99 Resp: 597287

Ion Ratio Lower Upper

99 100

42 16.9 14.1 21.1

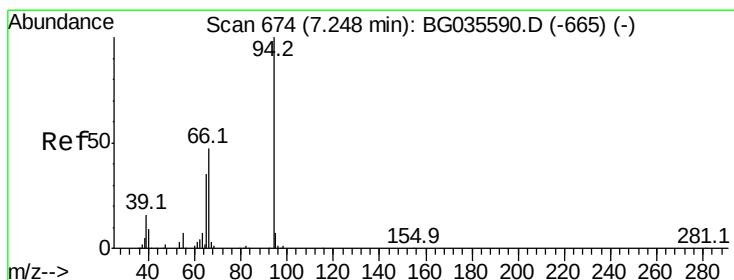
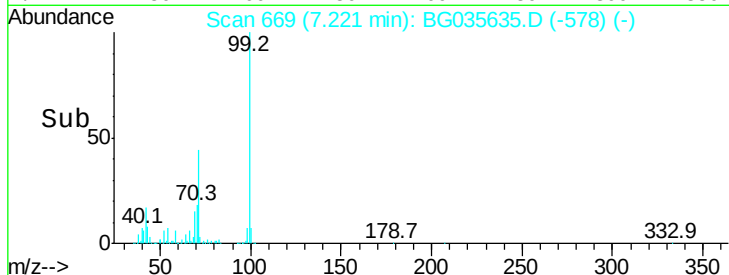
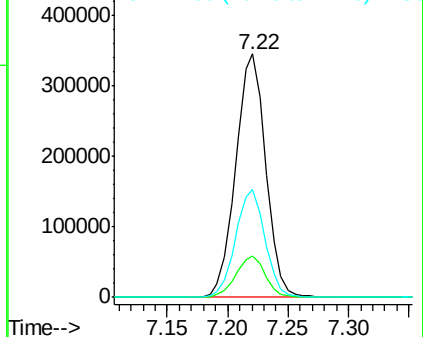
71 44.2 26.1 39.1#



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: 3.587 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.00 min

Lab File: BG035635.D

Acq: 13 Jul 2018 18:46

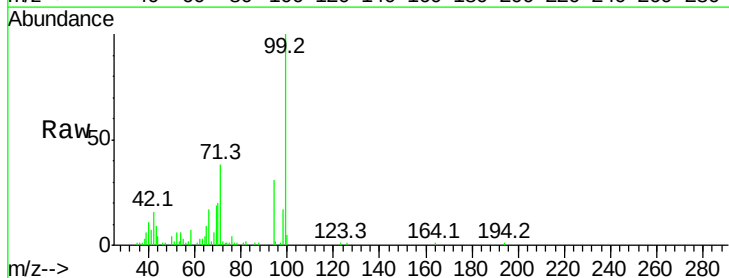
Tgt Ion: 94 Resp: 14026

Ion Ratio Lower Upper

94 100

65 28.9 11.9 51.9

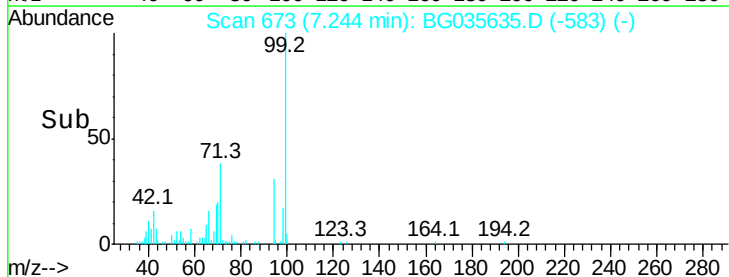
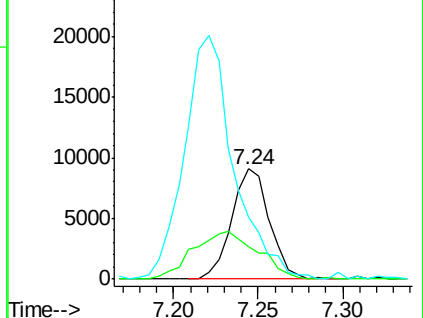
66 55.6 22.2 62.2

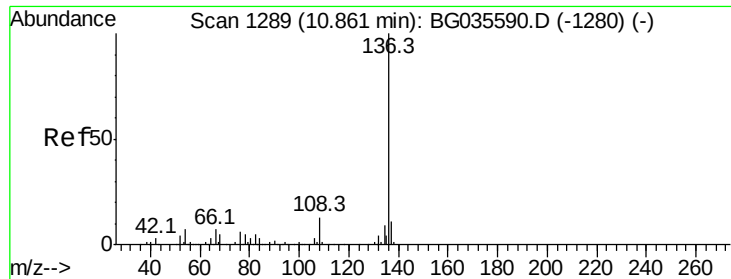


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

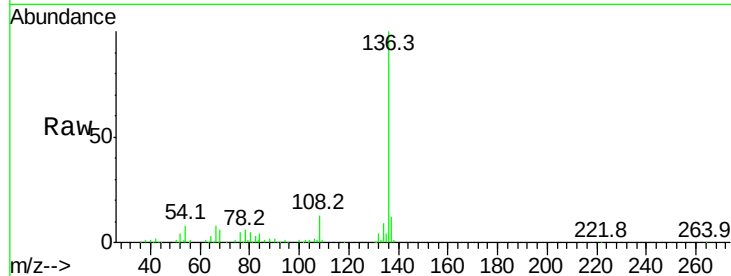




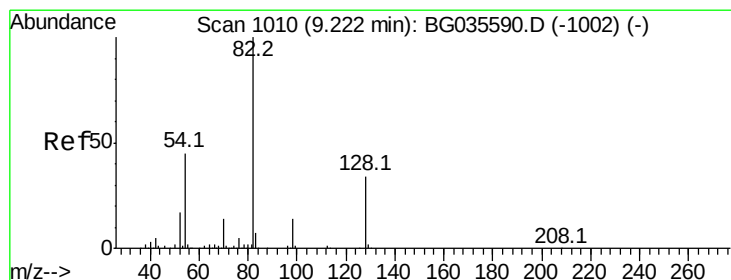
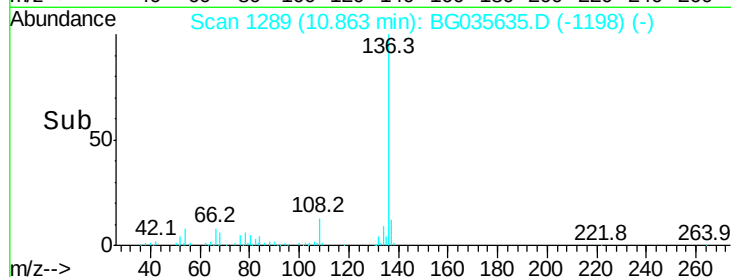
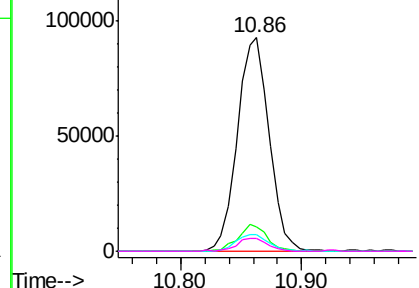
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BG035635.D
Acq: 13 Jul 2018 18:46

Instrument :
BNA_G
ClientSampleId :
C-1

Tot Ion:	136	Resp:	169677
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	7.8	10.3	15.5#
68	6.1	4.5	6.7

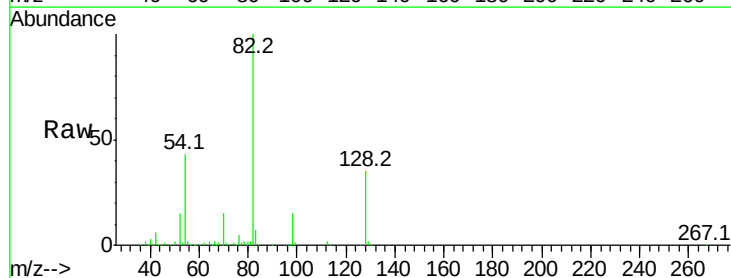


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

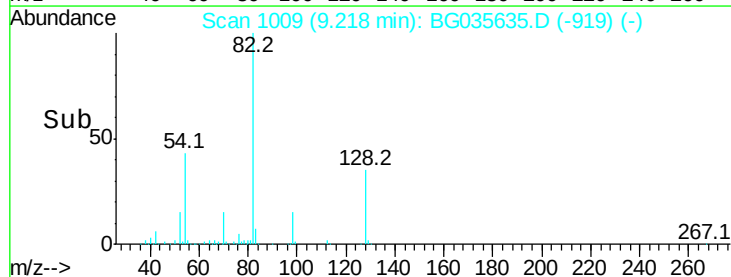
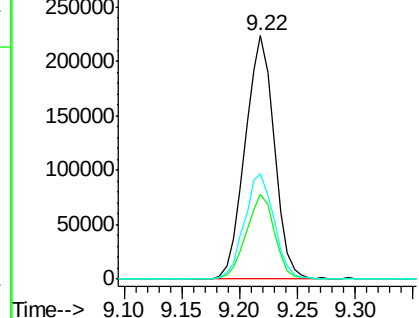


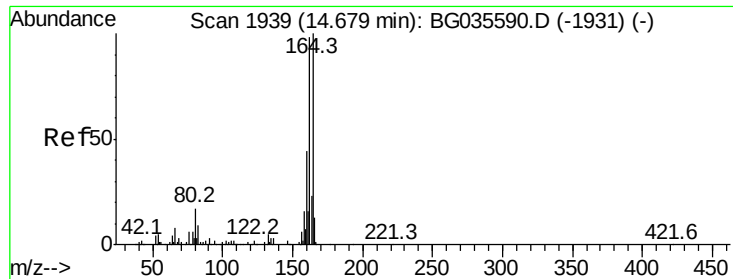
#23
Nitrobenzene-d5
Concen: 96.624 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG035635.D
Acq: 13 Jul 2018 18:46

Tgt Ion:	82	Resp:	392461
Ion	Ratio	Lower	Upper
82	100		
128	34.7	29.7	44.5
54	43.2	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: 14.68 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BG035635.D

Acq: 13 Jul 2018 18:46

Instrument :

BNA_G

ClientSampleId :

C-1

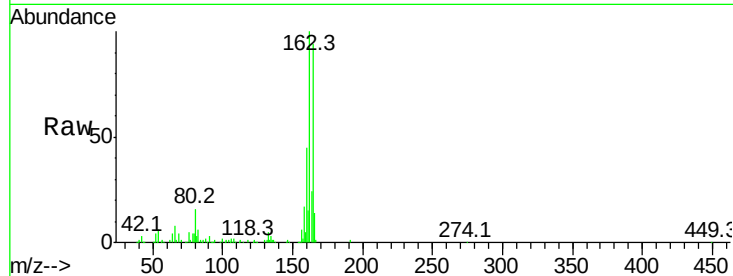
Tot Ion:164 Resp: 123556

Ion Ratio Lower Upper

164 100

162 106.2 78.8 118.2

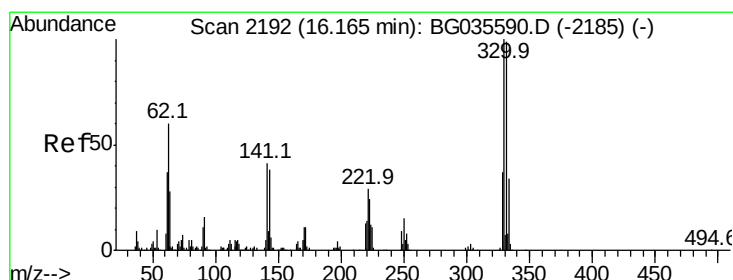
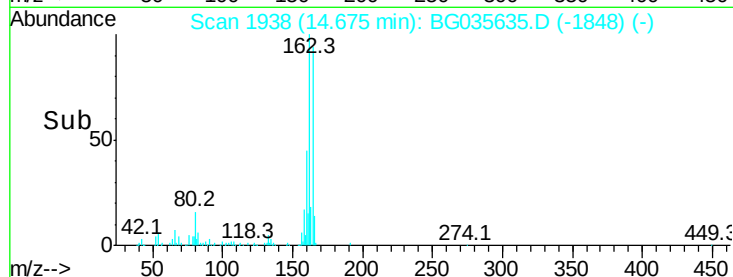
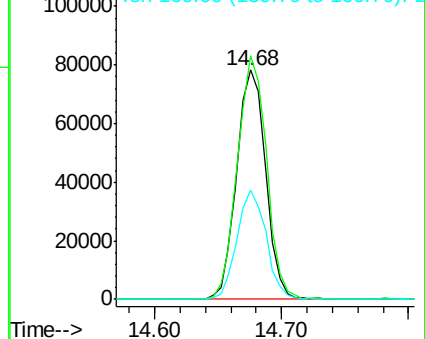
160 47.4 35.4 53.0



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: 158.101 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BG035635.D

Acq: 13 Jul 2018 18:46

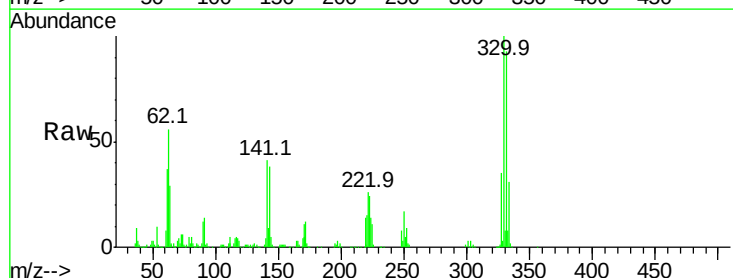
Tgt Ion:330 Resp: 257475

Ion Ratio Lower Upper

330 100

332 94.1 77.0 115.6

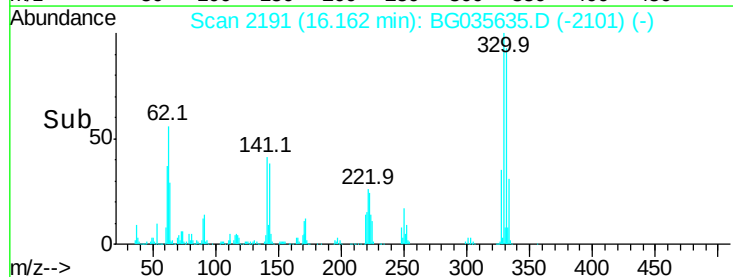
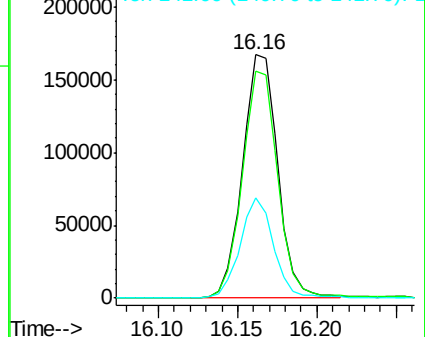
141 39.9 25.2 37.8#

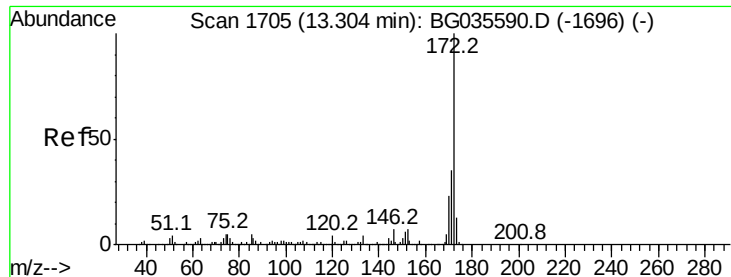


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

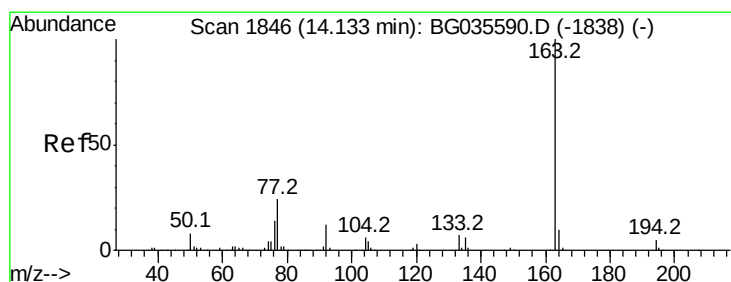
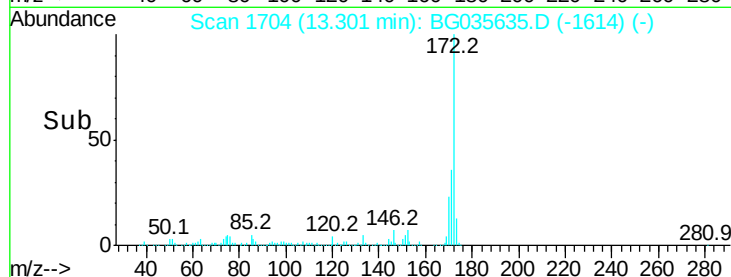
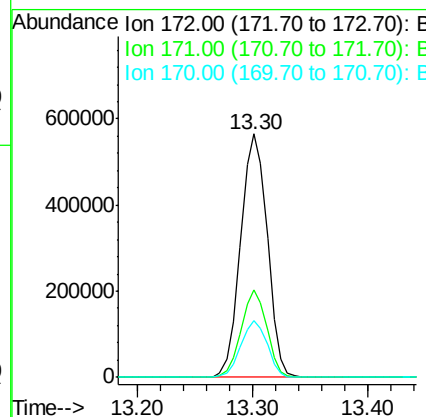
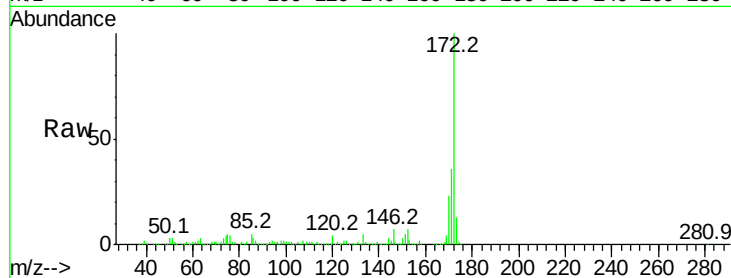




#44
2-Fluorobiphenyl
Concen: 97.999 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.00 min
Lab File: BG035635.D
Acq: 13 Jul 2018 18:46

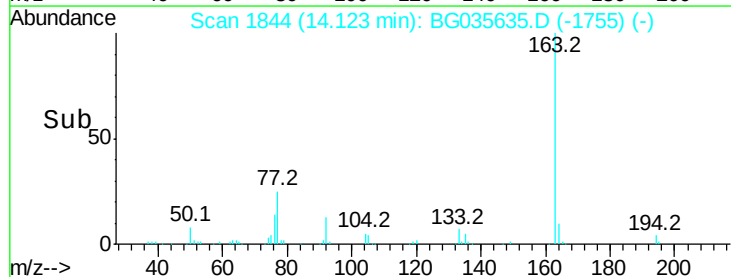
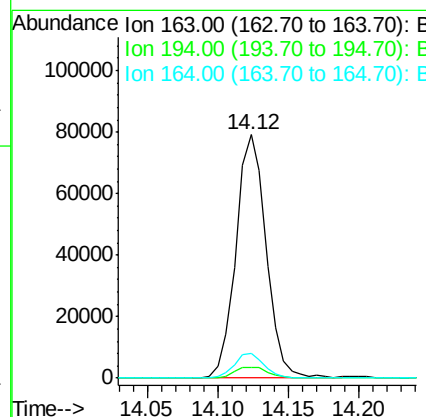
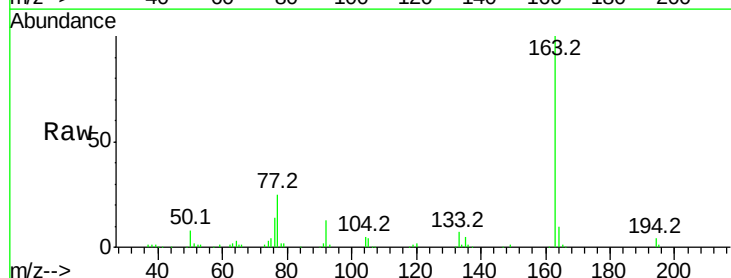
Instrument :
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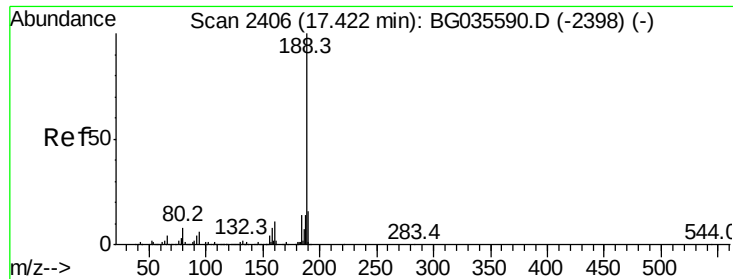
Tot Ion:172 Resp: 903784
Ion Ratio Lower Upper
172 100
171 35.7 30.0 45.0
170 23.5 19.5 29.3



#49
Dimethylphthalate
Concen: 10.918 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BG035635.D
Acq: 13 Jul 2018 18:46

Tgt Ion:163 Resp: 118190
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.3 8.2 12.4

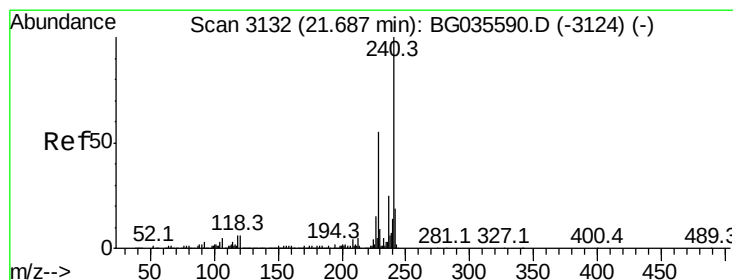
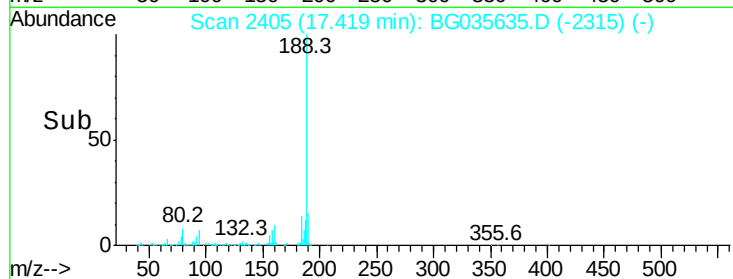
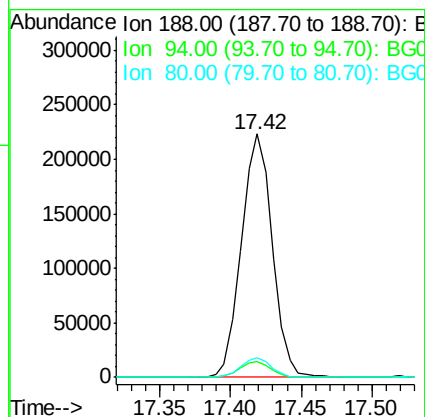
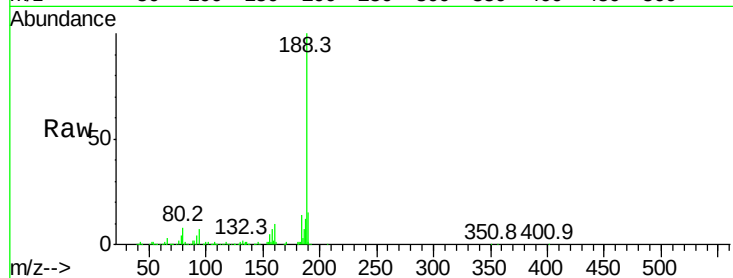




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BG035635.D
Acq: 13 Jul 2018 18:46

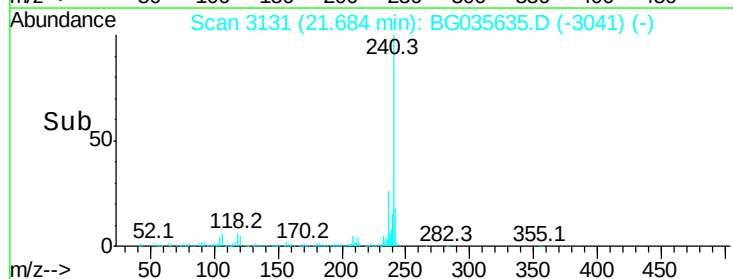
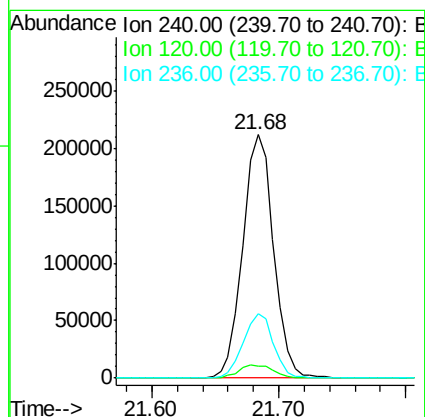
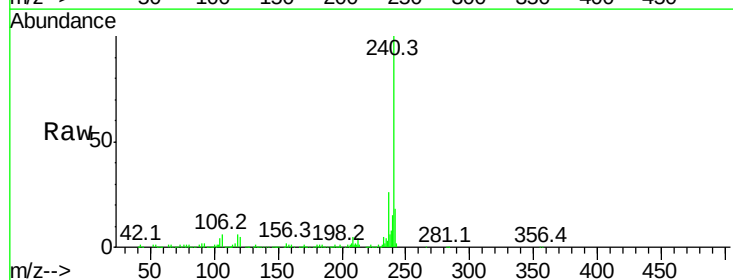
Instrument :
BNA_G
ClientSampleId :
C-1

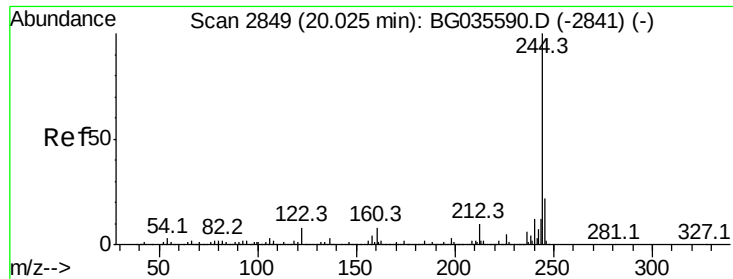
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.9	10.3#
80	8.1	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BG035635.D
Acq: 13 Jul 2018 18:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.1	6.8	10.2#
236	26.3	20.9	31.3





#78

Terphenyl-d14

Concen: 98.281 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BG035635.D

Acq: 13 Jul 2018 18:46

Instrument :

BNA_G

ClientSampleId :

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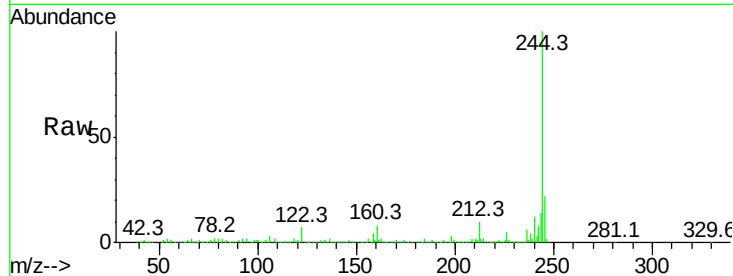
Tot Ion:244 Resp: 1589663

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

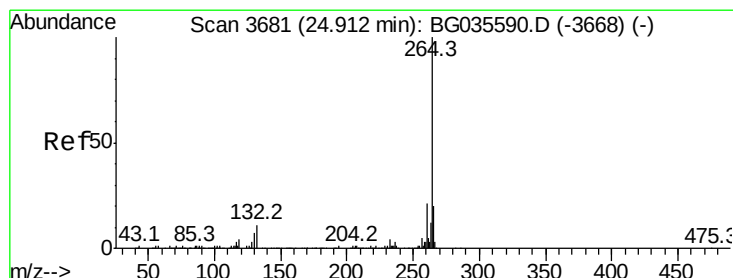
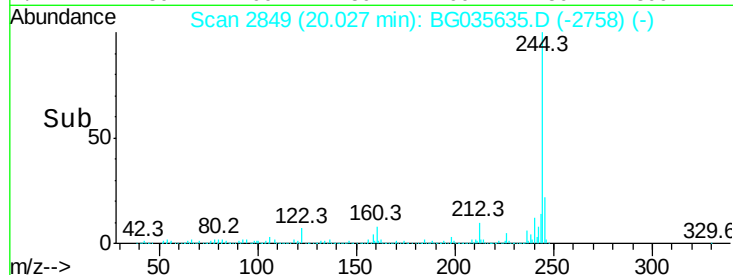
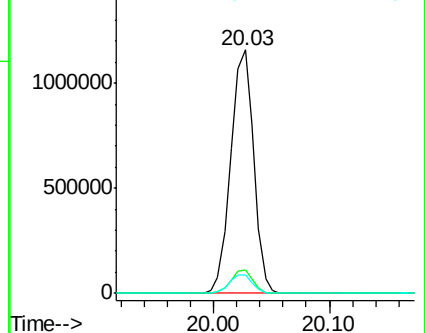
122 7.3 7.0 10.4



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. -0.01 min

Lab File: BG035635.D

Acq: 13 Jul 2018 18:46

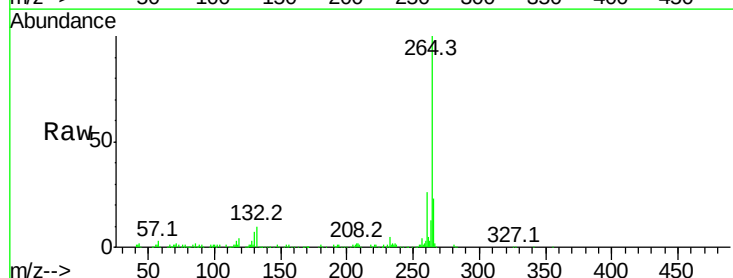
Tgt Ion:264 Resp: 339616

Ion Ratio Lower Upper

264 100

260 25.9 17.4 26.0

265 23.0 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

