

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
 Data File : BG035940.D
 Acq On : 27 Jul 2018 16:44
 Operator : JU/SJ
 Sample : J4192-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

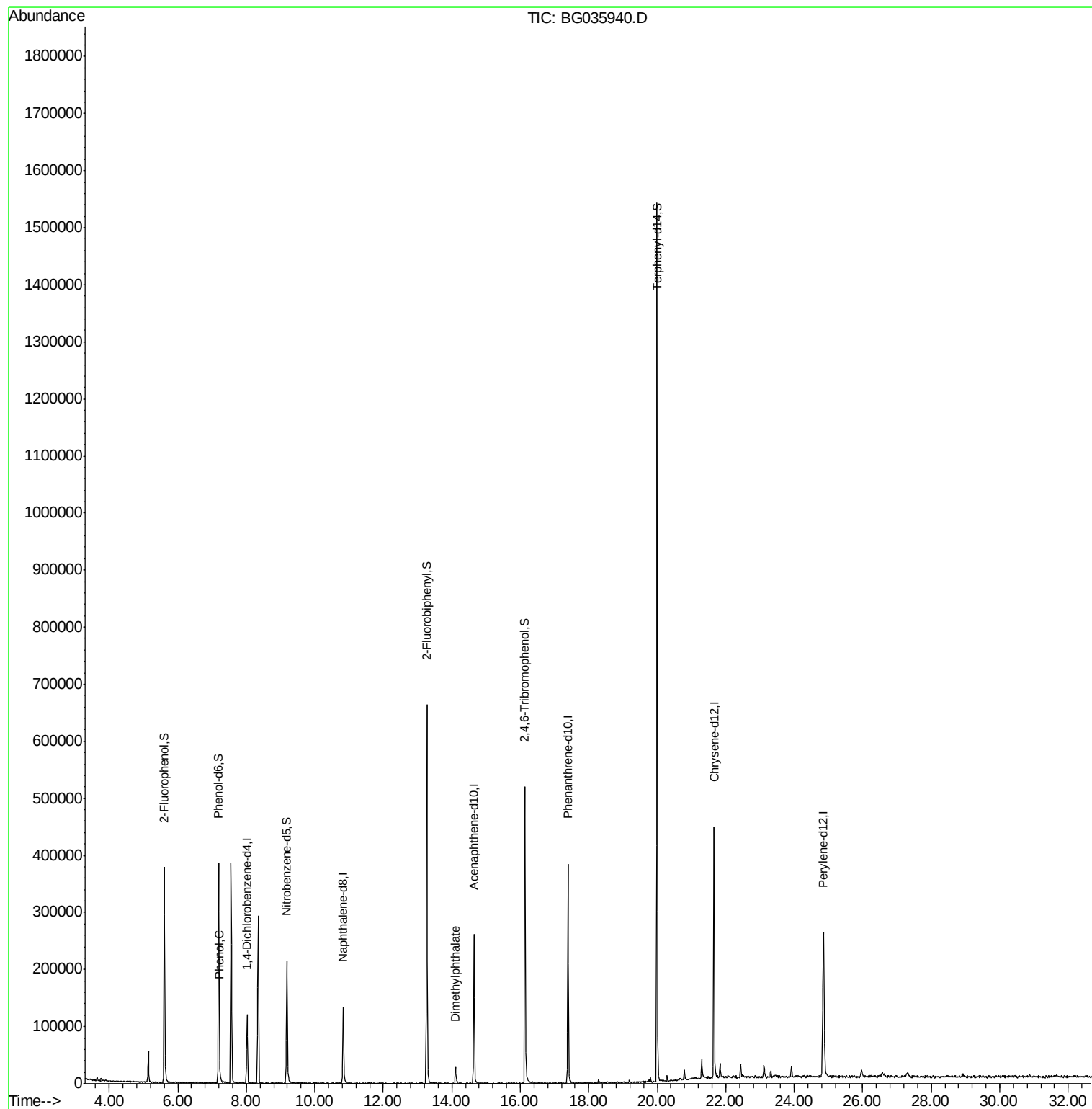
Quant Time: Jul 28 00:03:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	33757	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	125276	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	93369	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	271942	20.00	ng	0.00
75) Chrysene-d12	21.66	240	294233	20.00	ng	0.00
86) Perylene-d12	24.86	264	284376	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	171176	84.19	ng	0.00
7) Phenol-d6	7.19	99	251299	82.84	ng	0.00
23) Nitrobenzene-d5	9.19	82	164410	54.82	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	104154	84.63	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	394789	56.65	ng	0.00
78) Terphenyl-d14	20.00	244	760360	56.96	ng	0.00
Target Compounds						
10) Phenol	7.22	94	8550	2.790	ng	78
49) Dimethylphthalate	14.10	163	30312	3.705	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: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG035940.D

Acq: 27 Jul 2018 16:44

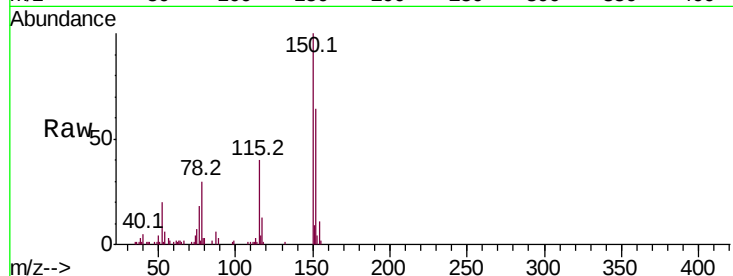
Tot Ion:152 Resp: 33757

Ion Ratio Lower Upper

152 100

150 155.7 126.6 189.8

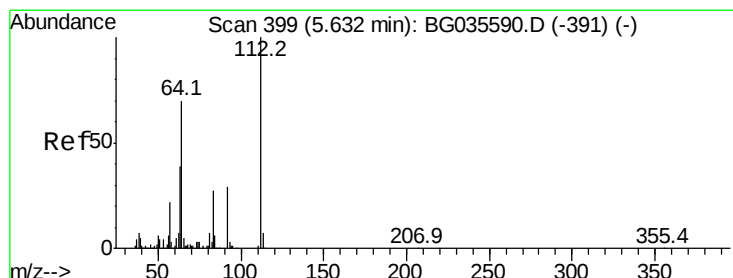
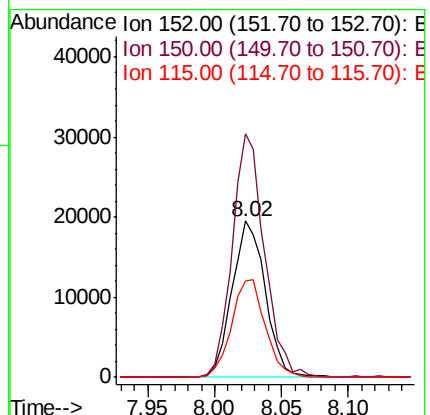
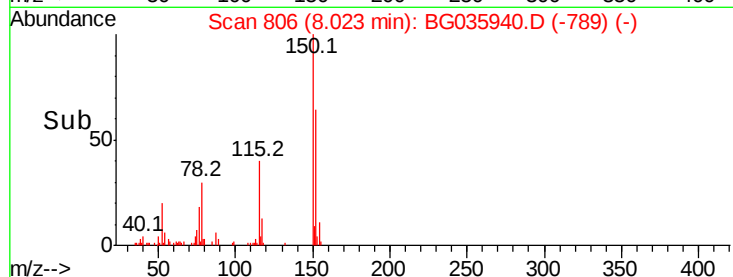
115 62.0 53.0 79.4



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: 84.188 ng

RT: 5.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: BG035940.D

Acq: 27 Jul 2018 16:44

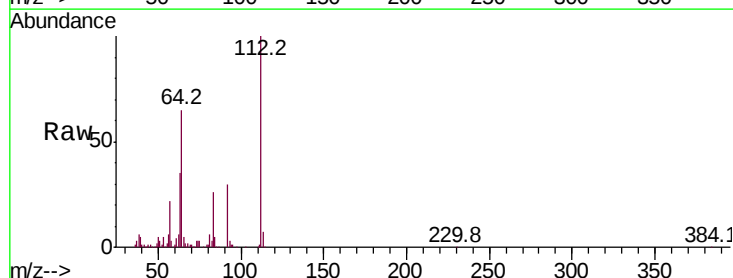
Tgt Ion:112 Resp: 171176

Ion Ratio Lower Upper

112 100

64 64.6 56.3 84.5

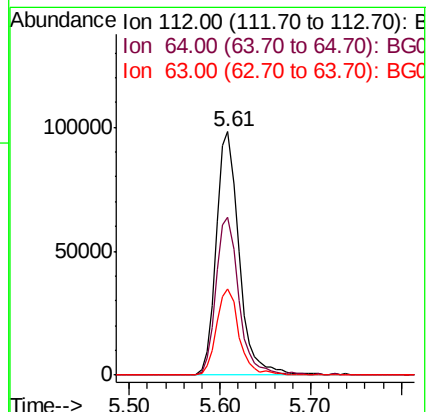
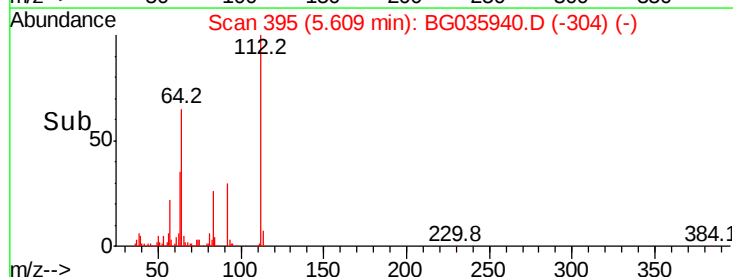
63 35.2 30.1 45.1

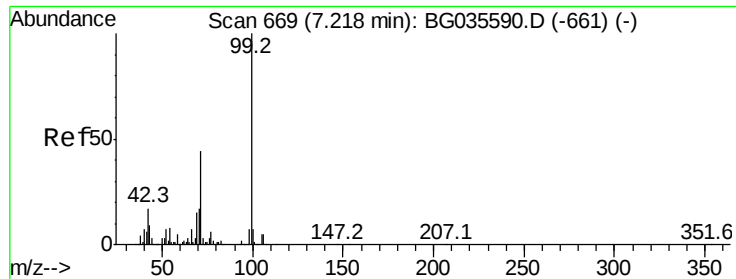


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 82.838 ng

RT: 7.19 min Scan# 665

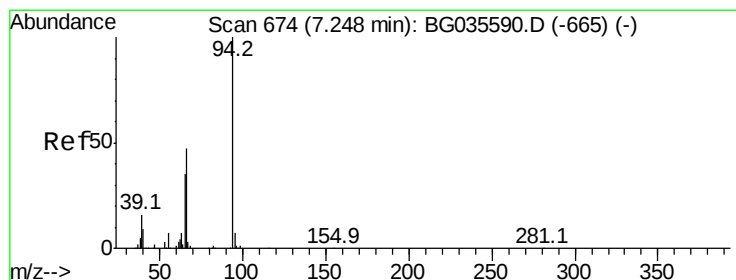
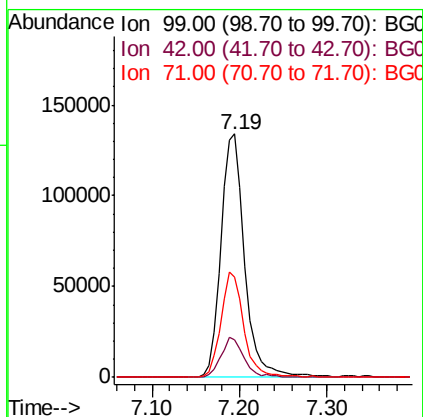
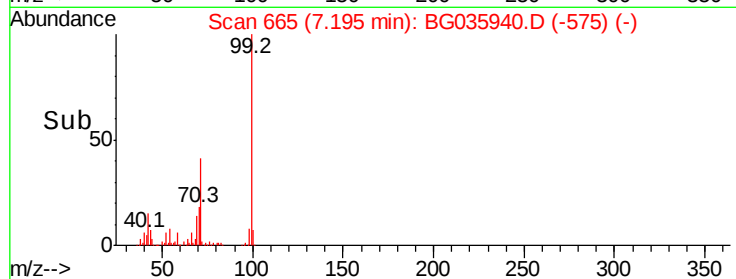
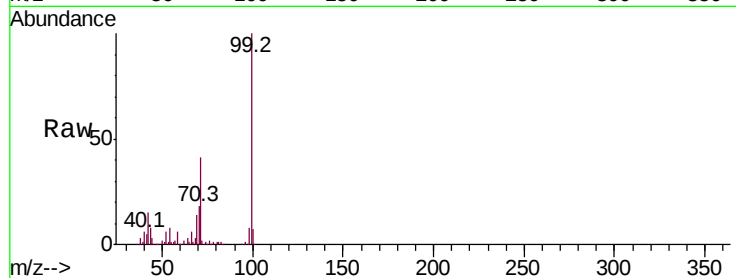
Delta R.T. -0.00 min

Lab File: BG035940.D

Acq: 27 Jul 2018 16:44

Tot Ion: 99 Resp: 251299

Ion	Ratio	Lower	Upper
99	100		
42	15.5	14.1	21.1
71	41.4	26.1	39.1



#10

Phenol

Concen: 2.790 ng

RT: 7.22 min Scan# 669

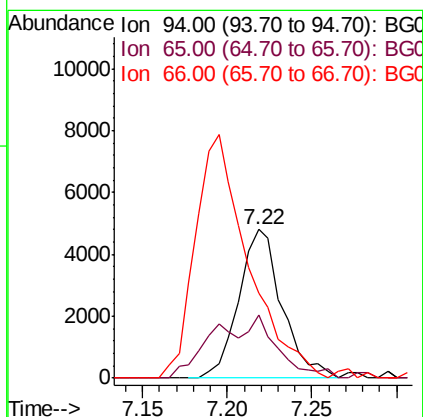
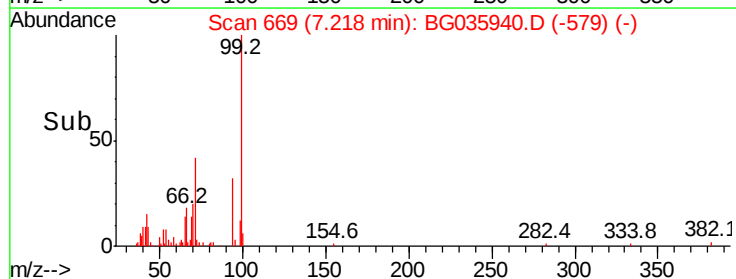
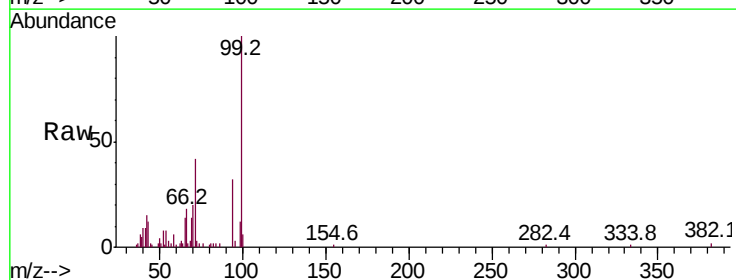
Delta R.T. -0.00 min

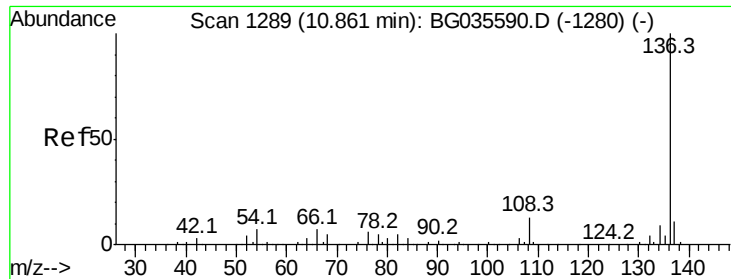
Lab File: BG035940.D

Acq: 27 Jul 2018 16:44

Tgt Ion: 94 Resp: 8550

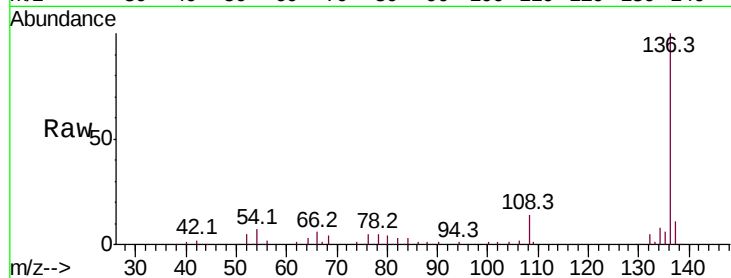
Ion	Ratio	Lower	Upper
94	100		
65	42.8	11.9	51.9
66	56.9	22.2	62.2



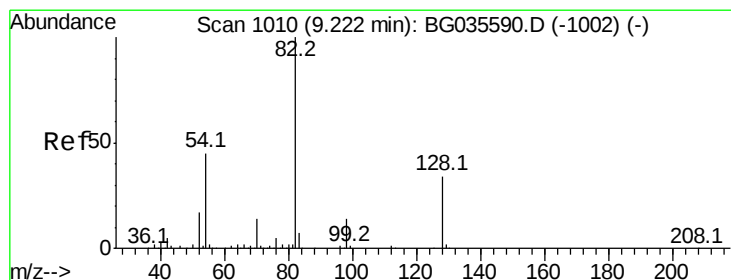
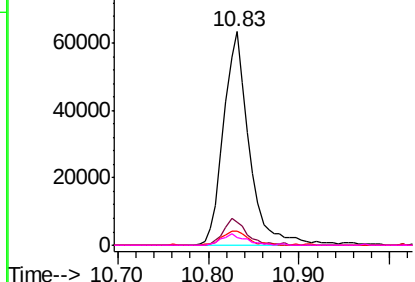
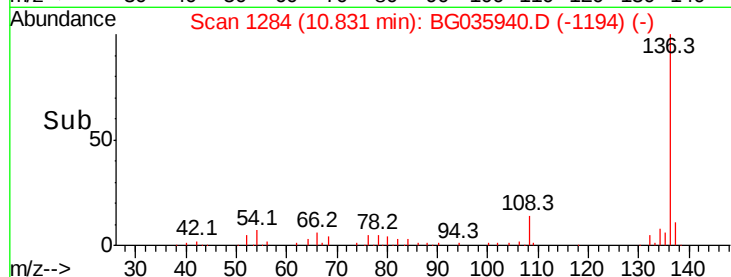


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035940.D
Acq: 27 Jul 2018 16:44

Tot Ion:	136	Resp:	125276
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	6.6	10.3	15.5#
68	3.8	4.5	6.7#

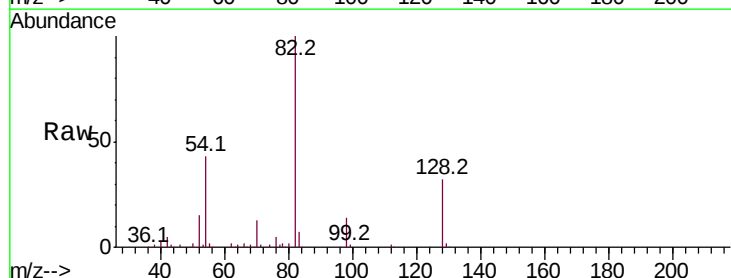


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

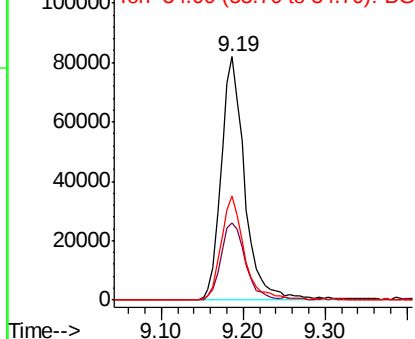
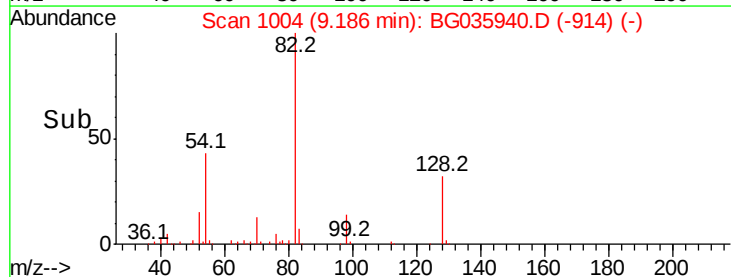


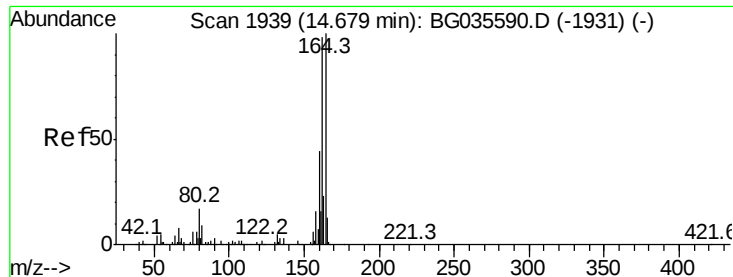
#23
Nitrobenzene-d5
Concen: 54.824 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035940.D
Acq: 27 Jul 2018 16:44

Tgt Ion:	82	Resp:	164410
Ion	Ratio	Lower	Upper
82	100		
128	31.7	29.7	44.5
54	42.6	43.1	64.7#



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG035940.D

Acq: 27 Jul 2018 16:44

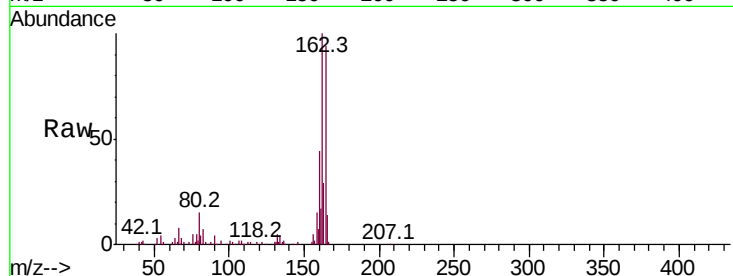
Tot Ion:164 Resp: 93369

Ion Ratio Lower Upper

164 100

162 106.3 78.8 118.2

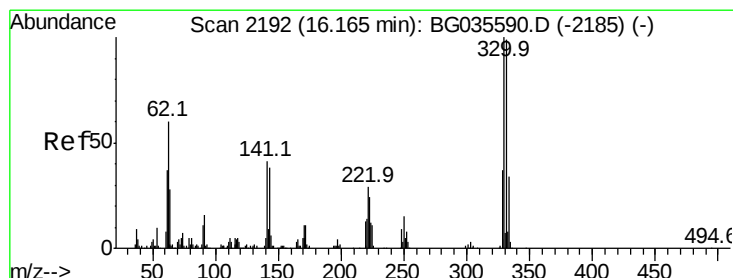
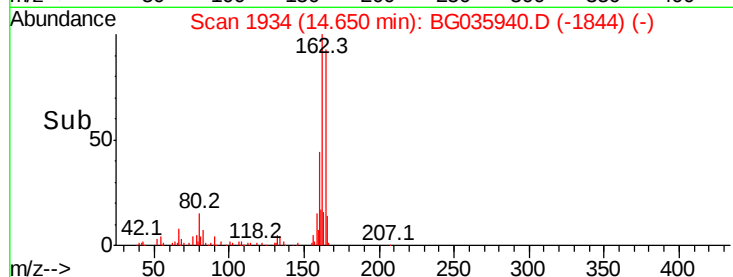
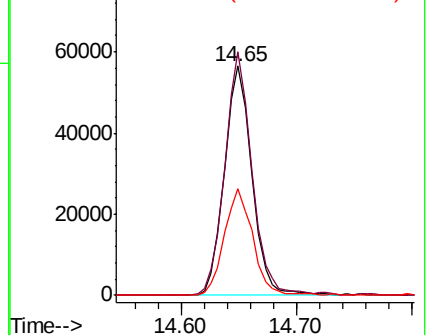
160 46.9 35.4 53.0



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: 84.632 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG035940.D

Acq: 27 Jul 2018 16:44

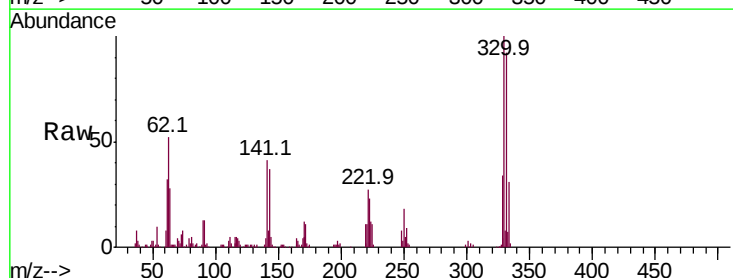
Tgt Ion:330 Resp: 104154

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

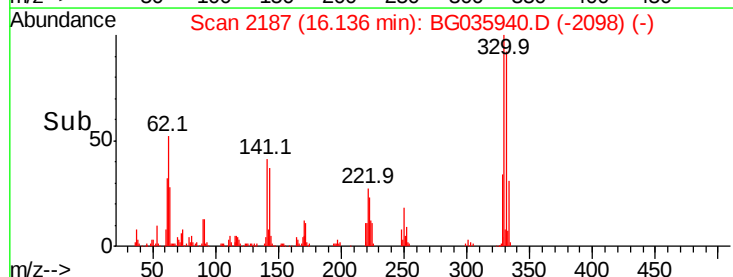
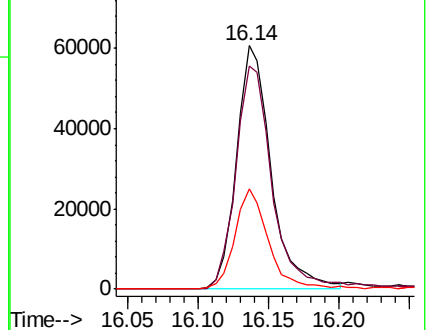
141 39.8 25.2 37.8#

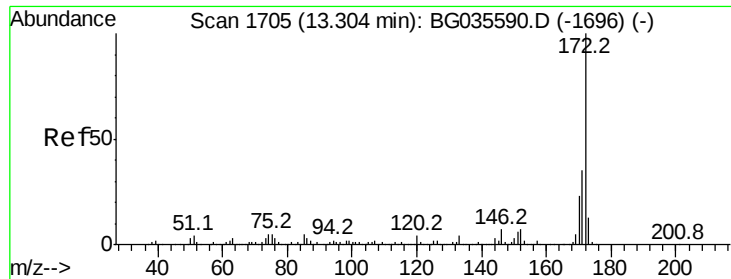


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

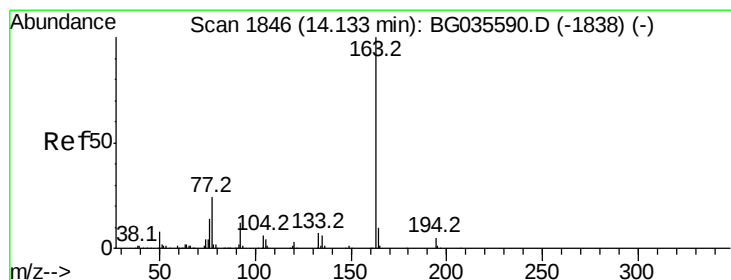
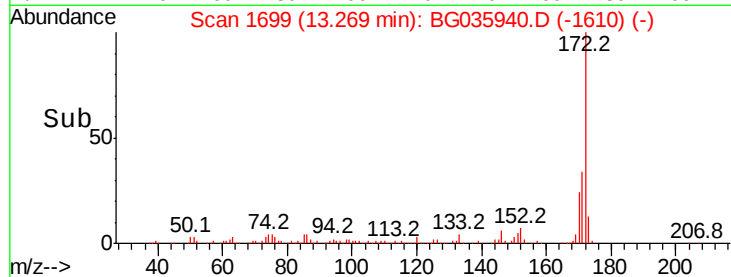
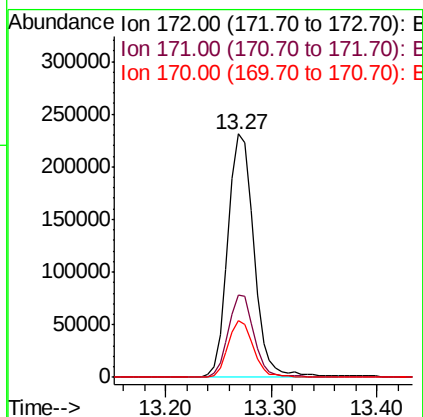
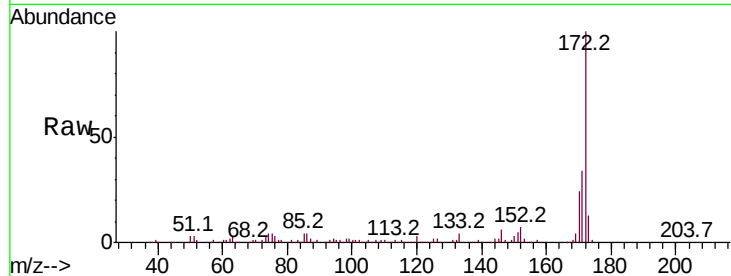
Ion 141.00 (140.70 to 141.70): E





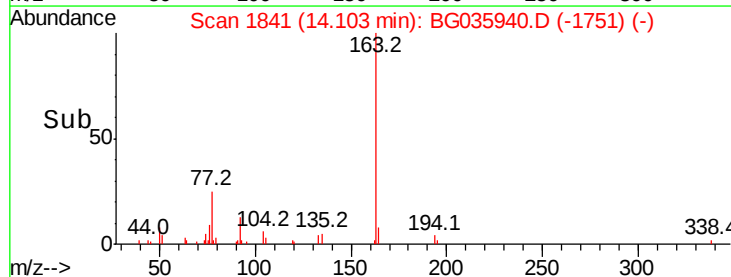
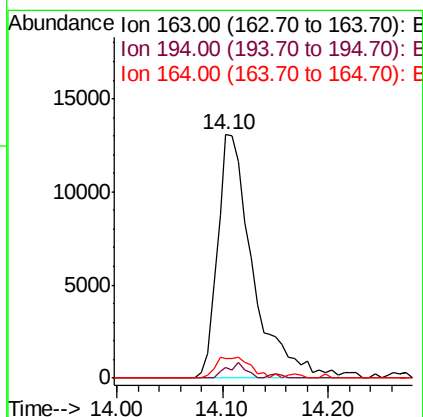
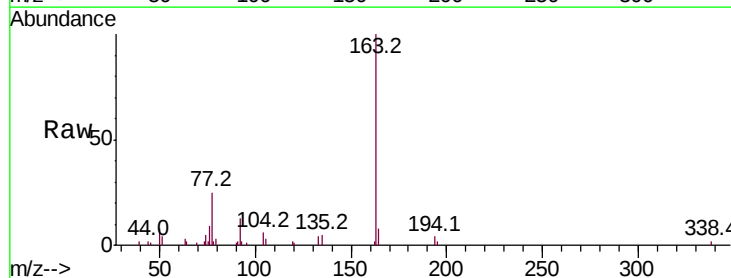
#44
2-Fluorobiphenyl
Concen: 56.648 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG035940.D
Acq: 27 Jul 2018 16:44

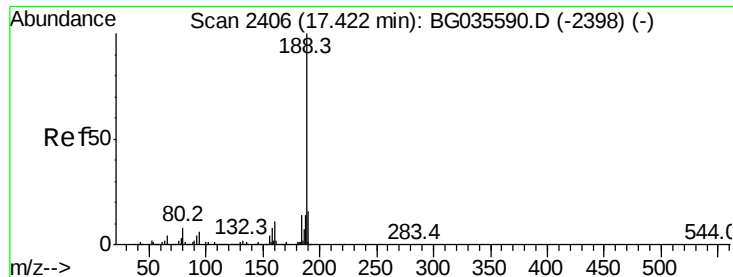
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.6	30.0	45.0
170	23.5	19.5	29.3



#49
Dimethylphthalate
Concen: 3.705 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BG035940.D
Acq: 27 Jul 2018 16:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	7.9	8.2	12.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG035940.D

Acq: 27 Jul 2018 16:44

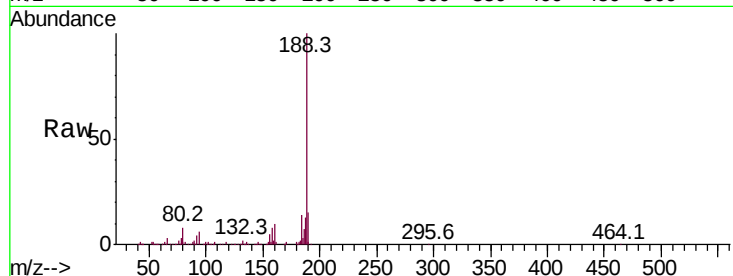
Tot Ion:188 Resp: 271942

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

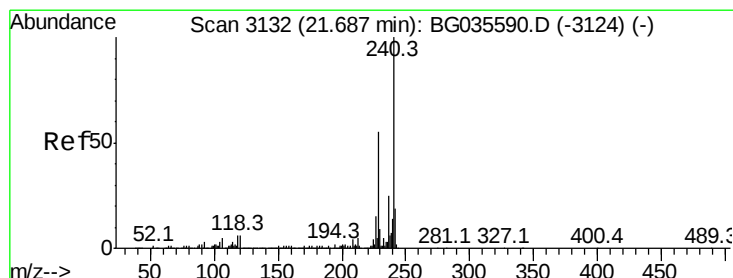
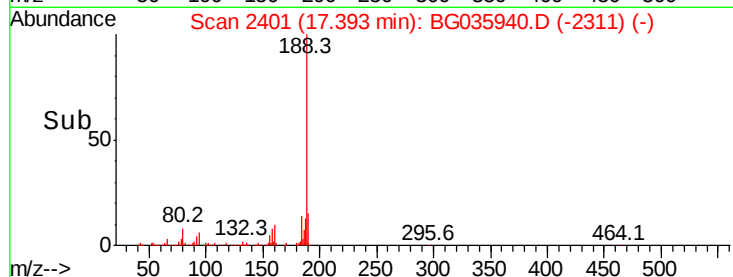
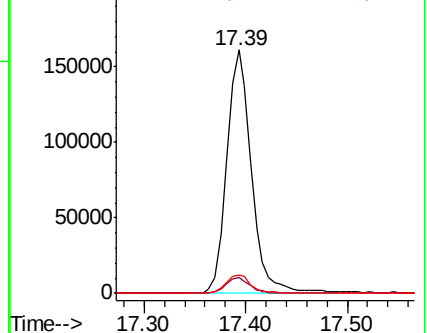
80 7.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035940.D

Acq: 27 Jul 2018 16:44

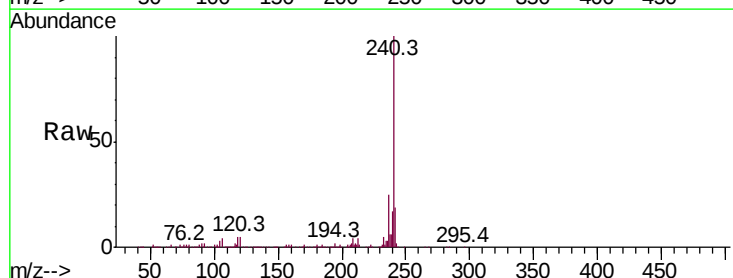
Tgt Ion:240 Resp: 294233

Ion Ratio Lower Upper

240 100

120 4.7 6.8 10.2#

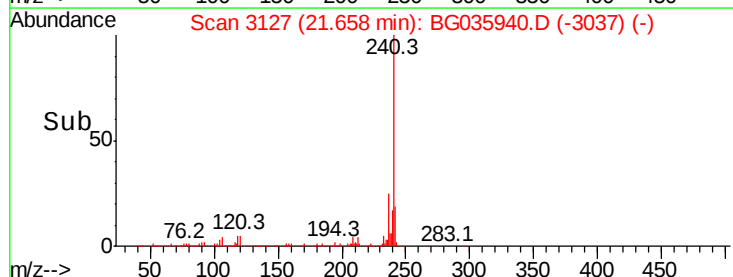
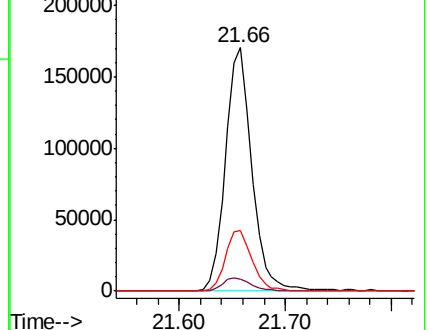
236 24.7 20.9 31.3

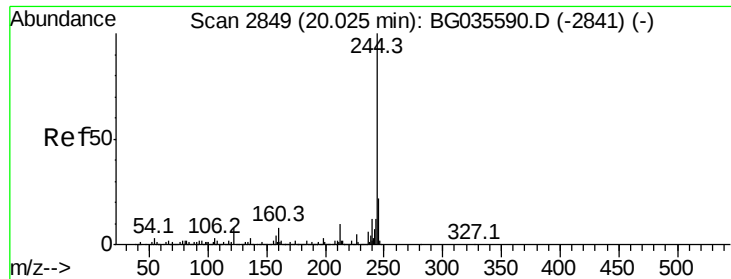


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 56.964 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG035940.D

Acq: 27 Jul 2018 16:44

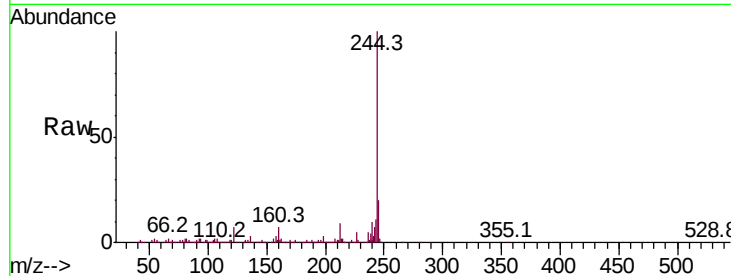
Tot Ion:244 Resp: 760360

Ion Ratio Lower Upper

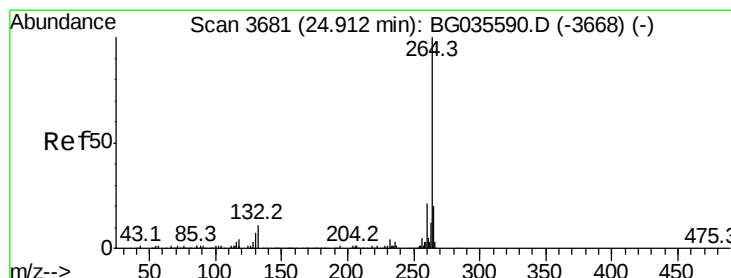
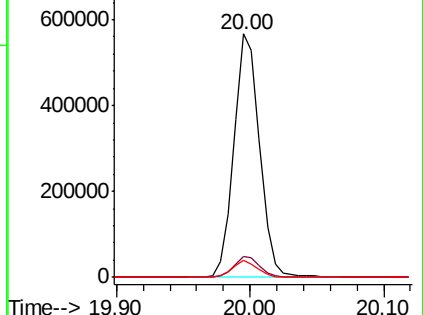
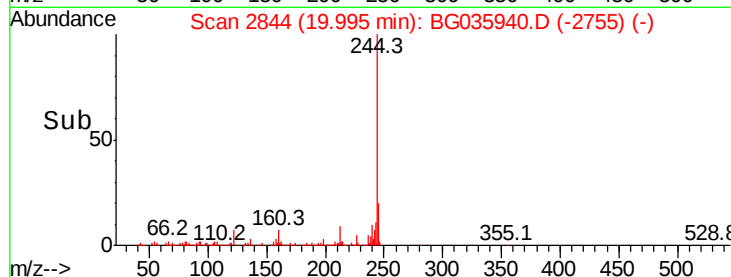
244 100

212 8.6 5.8 8.8

122 6.8 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: 24.86 min Scan# 3672

Delta R.T. -0.00 min

Lab File: BG035940.D

Acq: 27 Jul 2018 16:44

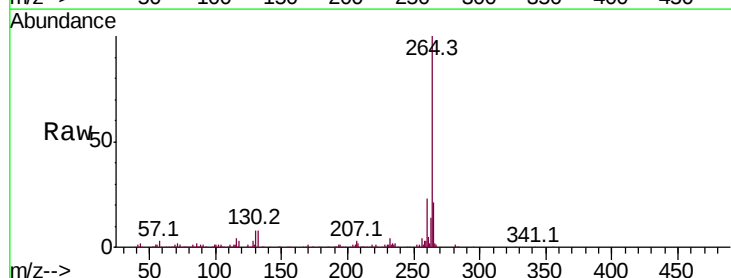
Tgt Ion:264 Resp: 284376

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 21.4 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

