

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030417\
 Data File : BG026071.D
 Acq On : 3 Mar 2017 19:48
 Operator : SJ/MA
 Sample : I2082-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 030117-PRRT-F-D-M

Quant Time: Mar 03 22:56:54 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 15:36:56 2017
 Response via : Initial Calibration

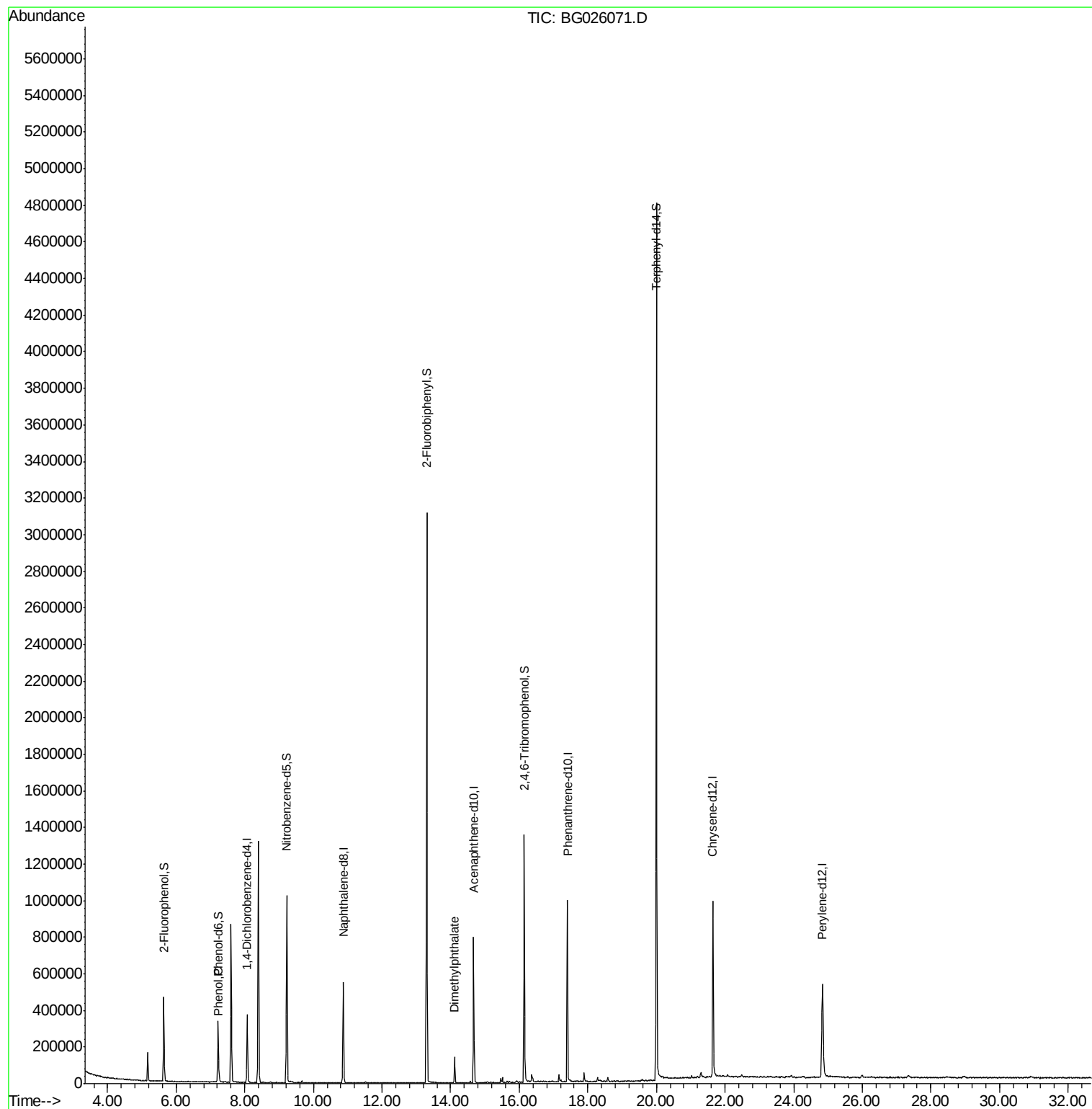
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	117852	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	489648	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	279651	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	647463	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	618343	20.00	ng	-0.03
86) Perylene-d12	24.84	264	567682	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	228590	33.77	ng	-0.01
7) Phenol-d6	7.22	99	223219	22.28	ng	-0.01
23) Nitrobenzene-d5	9.22	82	654695	84.38	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	257686	99.74	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1653338	103.31	ng	-0.02
78) Terphenyl-d14	20.00	244	2157838	84.87	ng	-0.02
Target Compounds						
10) Phenol	7.24	94	23875	2.19	ng	# 77
49) Dimethylphthalate	14.12	163	100396	5.23	ng	# 96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 805

Delta R.T. -0.02 min

Lab File: BG026071.D

Acq: 3 Mar 2017 19:48

Instrument :

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ClientSampleId :

030117-PRRT-F-D-M

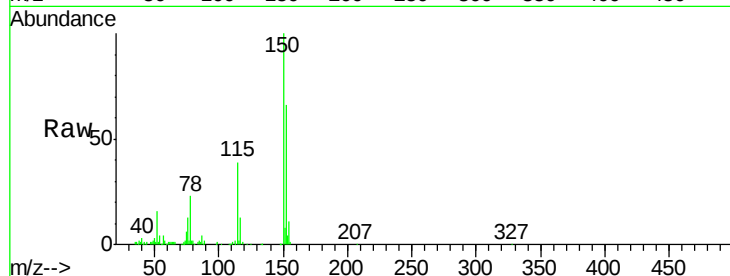
Tgt Ion:152 Resp: 117852

Ion Ratio Lower Upper

152 100

150 151.8 114.0 171.0

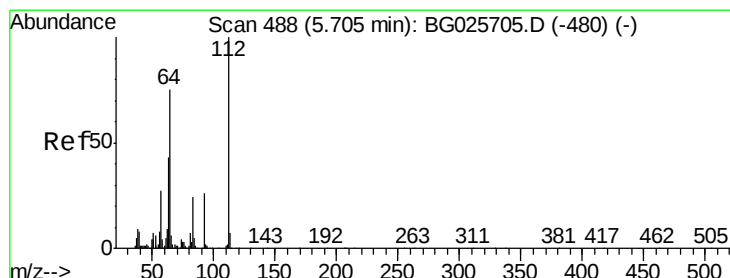
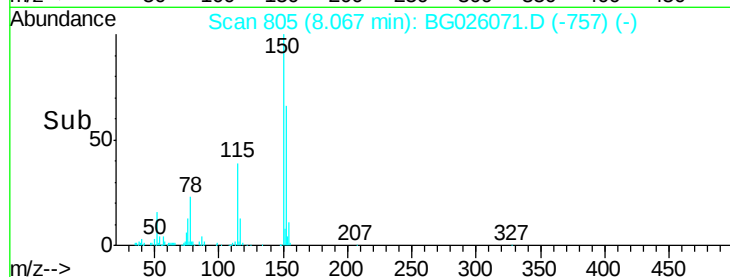
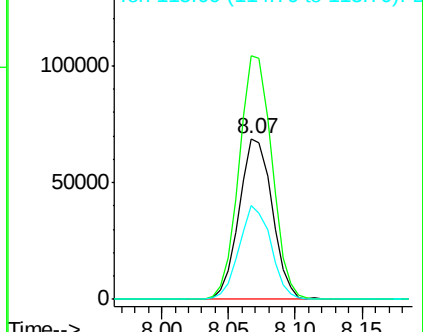
115 58.7 48.1 72.1



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: 33.77 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG026071.D

Acq: 3 Mar 2017 19:48

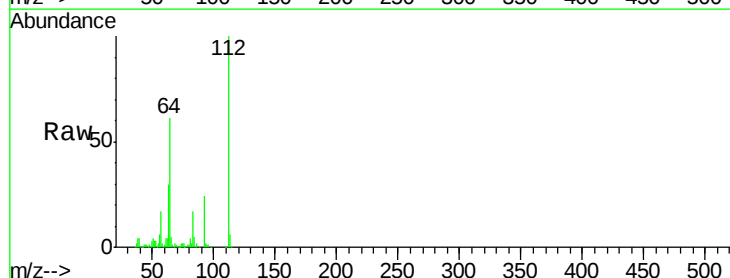
Tgt Ion:112 Resp: 228590

Ion Ratio Lower Upper

112 100

64 60.7 61.8 92.6#

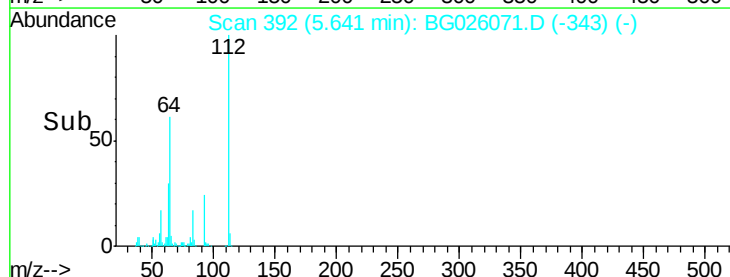
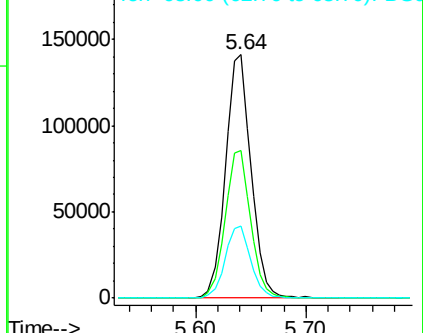
63 29.9 37.2 55.8#

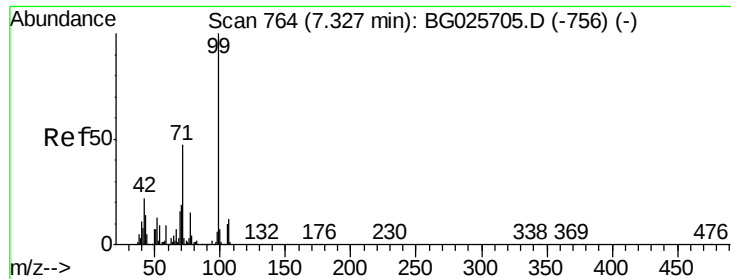


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 22.28 ng

RT: 7.22 min Scan# 661

Delta R.T. -0.01 min

Lab File: BG026071.D

Acq: 3 Mar 2017 19:48

Instrument :

BNA_G

ClientSampleId :

030117-PRRT-F-D-M

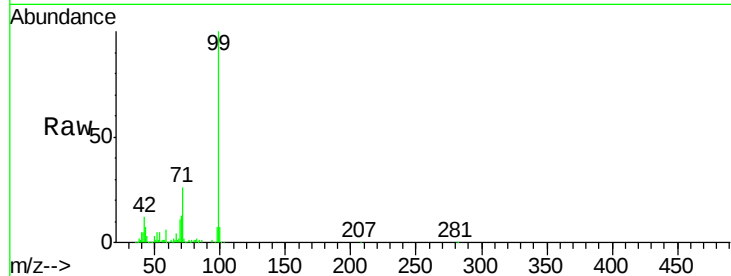
Tgt Ion: 99 Resp: 223219

Ion Ratio Lower Upper

99 100

42 11.8 20.5 30.7#

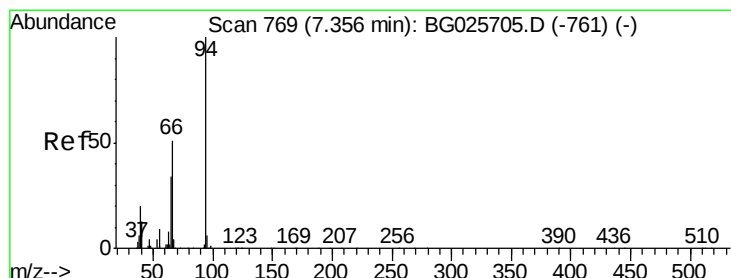
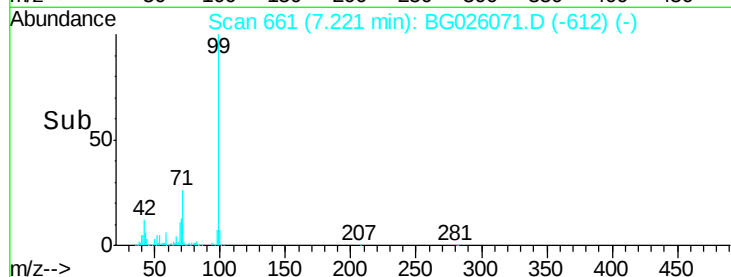
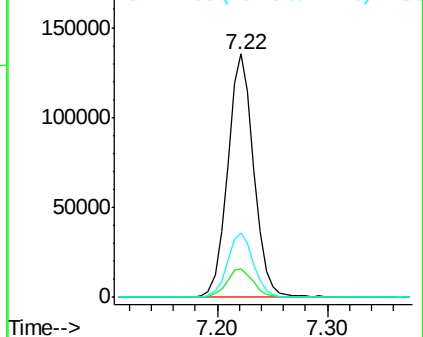
71 26.4 37.6 56.4#



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: 2.19 ng

RT: 7.24 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG026071.D

Acq: 3 Mar 2017 19:48

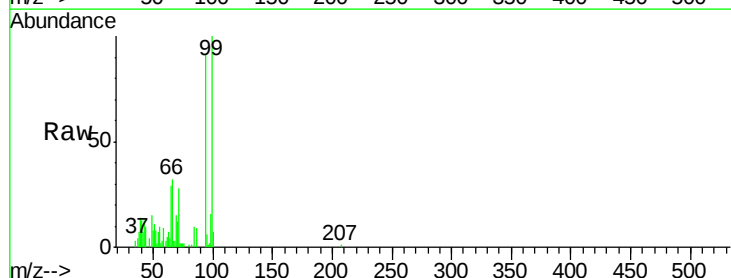
Tgt Ion: 94 Resp: 23875

Ion Ratio Lower Upper

94 100

65 31.6 20.6 60.6

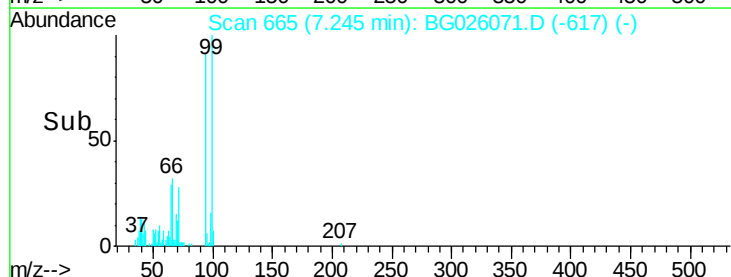
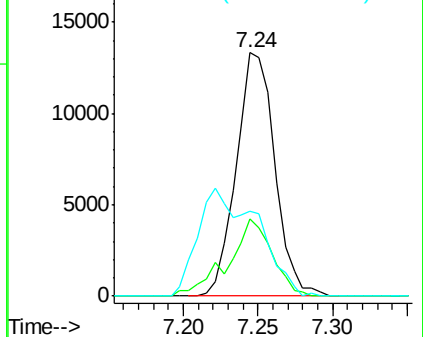
66 34.8 35.5 75.5#

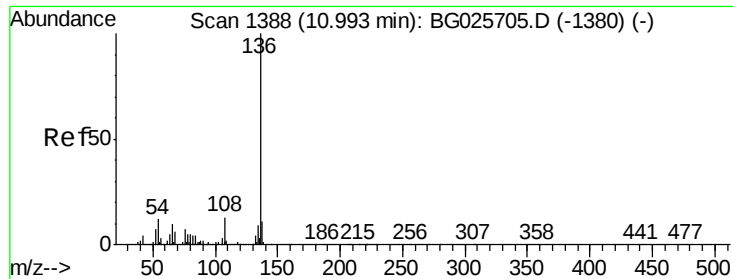


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

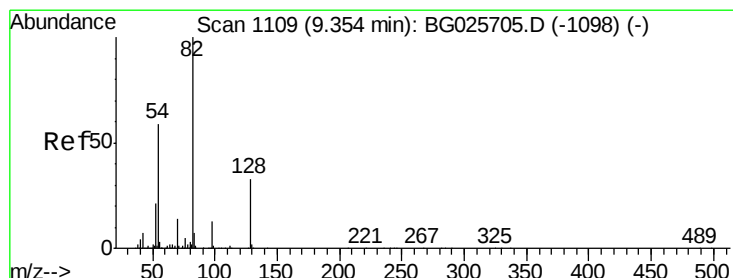
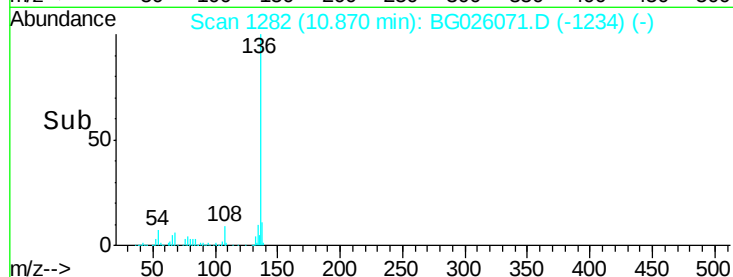
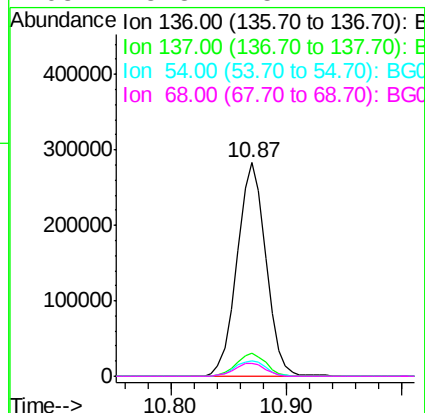
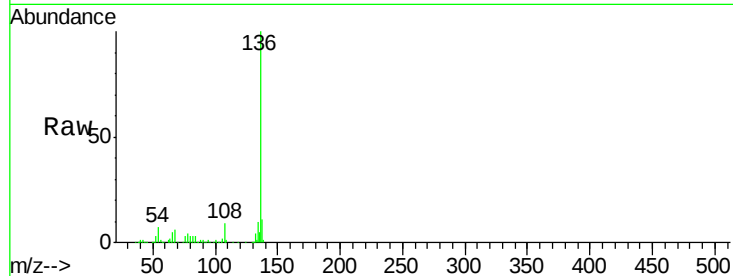




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BG026071.D
Acq: 3 Mar 2017 19:48

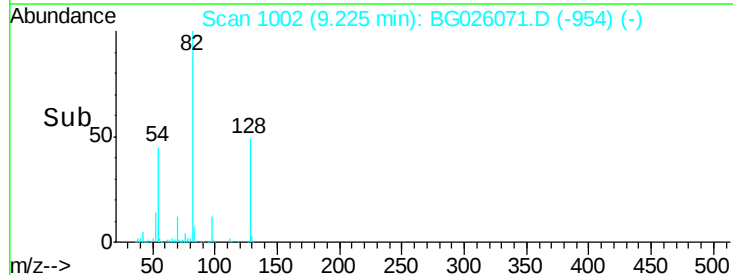
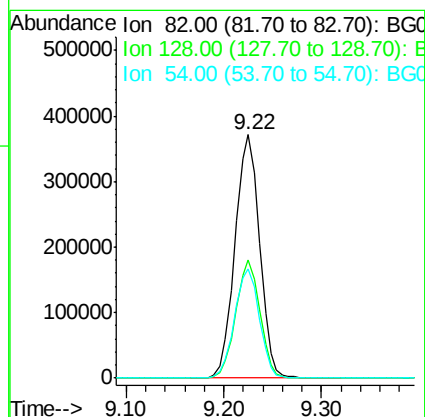
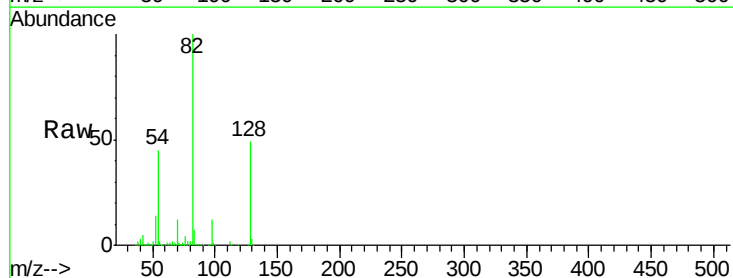
Instrument :
BNA_G
ClientSampleId :
030117-PRRT-F-D-M

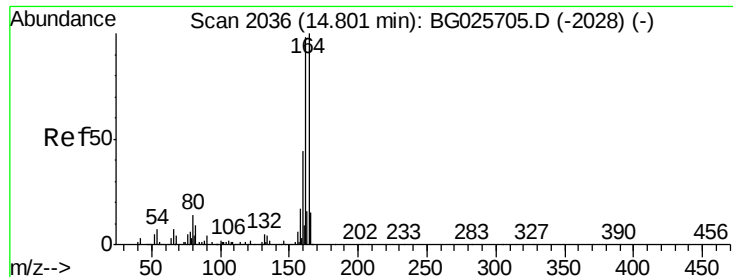
Tgt Ion:	136	Resp:	489648
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.1	9.3	13.9#
68	5.8	5.1	7.7



#23
Nitrobenzene-d5
Concen: 84.38 ng
RT: 9.22 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG026071.D
Acq: 3 Mar 2017 19:48

Tgt Ion:	82	Resp:	654695
Ion	Ratio	Lower	Upper
82	100		
128	48.5	26.4	39.6#
54	44.9	49.4	74.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.67 min Scan# 1929

Delta R.T. -0.02 min

Lab File: BG026071.D

Acq: 3 Mar 2017 19:48

Instrument :

BNA_G

ClientSampleId :

030117-PRRT-F-D-M

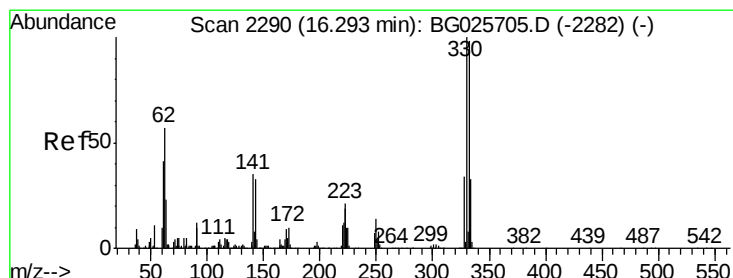
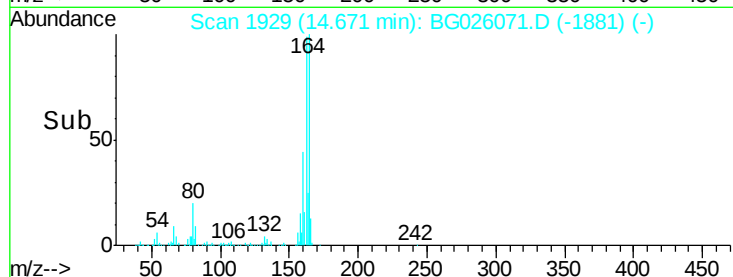
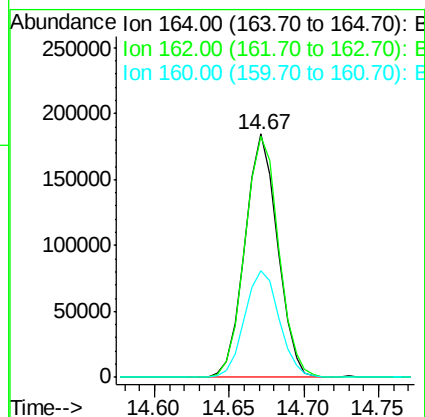
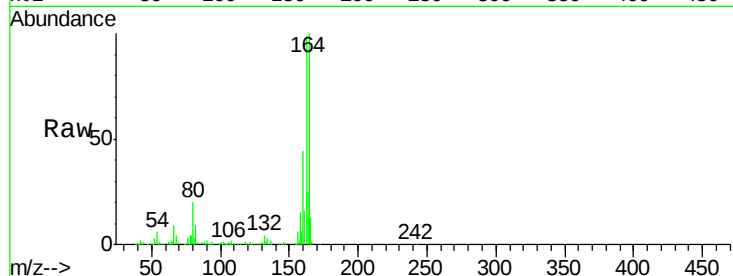
Tgt Ion:164 Resp: 279651

Ion Ratio Lower Upper

164 100

162 99.1 85.1 127.7

160 43.5 34.7 52.1



#41

2,4,6-Tribromophenol

Concen: 99.74 ng

RT: 16.15 min Scan# 2180

Delta R.T. -0.02 min

Lab File: BG026071.D

Acq: 3 Mar 2017 19:48

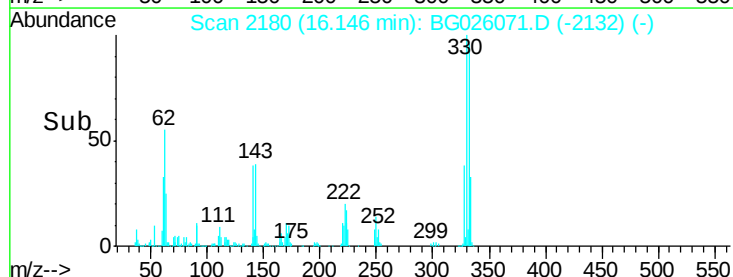
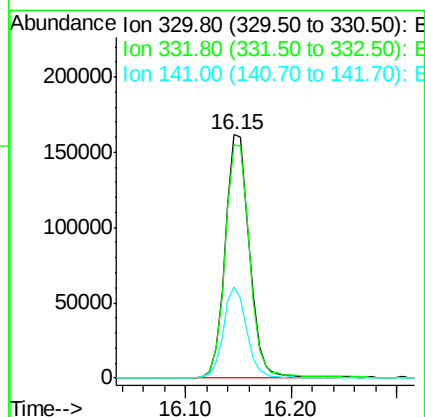
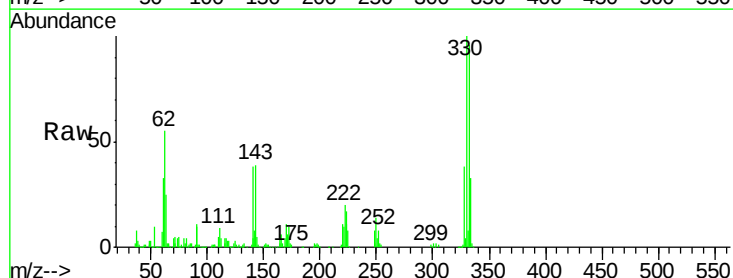
Tgt Ion:330 Resp: 257686

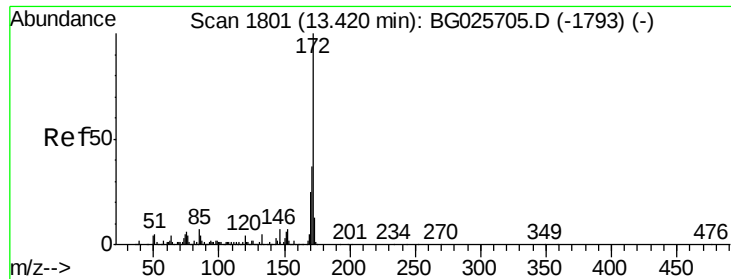
Ion Ratio Lower Upper

330 100

332 97.4 77.3 115.9

141 36.5 32.1 48.1





#44

2-Fluorobiphenyl

Concen: 103.31 ng

RT: 13.30 min Scan# 1696

Delta R.T. -0.02 min

Lab File: BG026071.D

Acq: 3 Mar 2017 19:48

Instrument :

BNA_G

ClientSampleId :

030117-PRRT-F-D-M

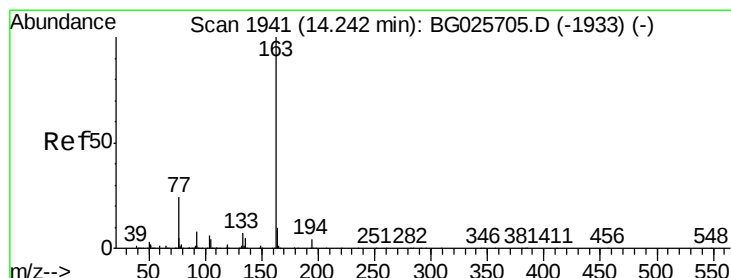
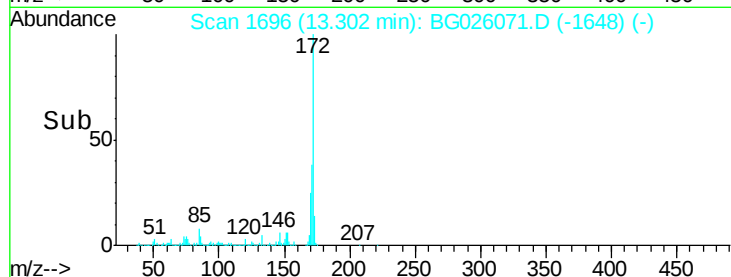
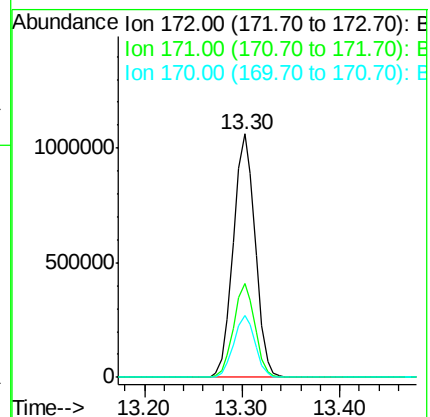
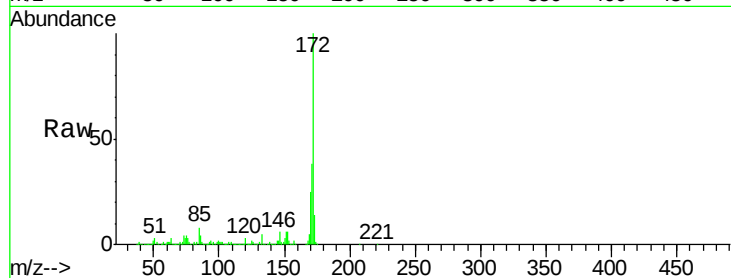
Tgt Ion:172 Resp: 1653338

Ion Ratio Lower Upper

172 100

171 38.3 32.2 48.2

170 25.3 21.8 32.6



#49

Dimethylphthalate

Concen: 5.23 ng

RT: 14.12 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BG026071.D

Acq: 3 Mar 2017 19:48

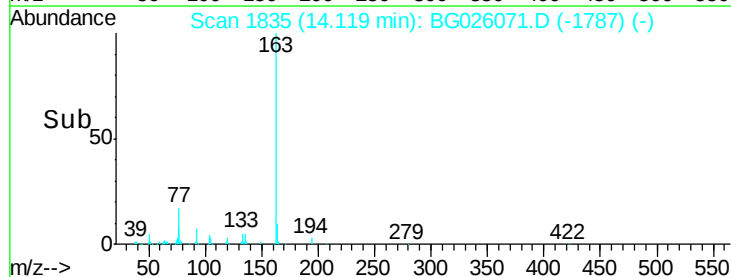
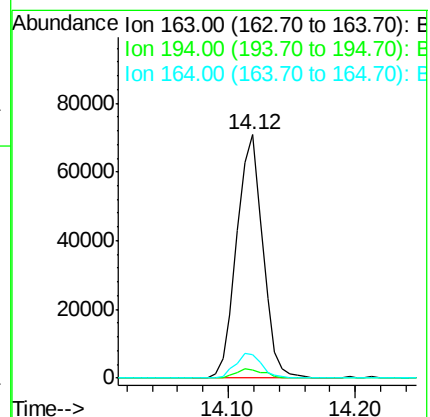
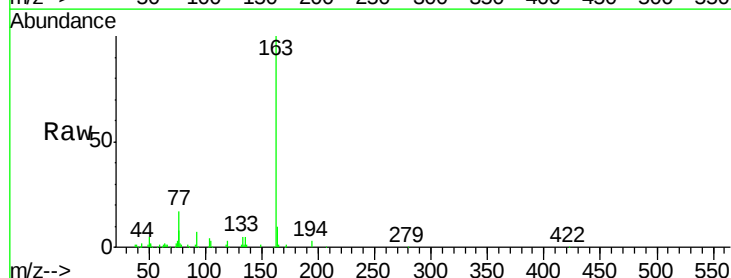
Tgt Ion:163 Resp: 100396

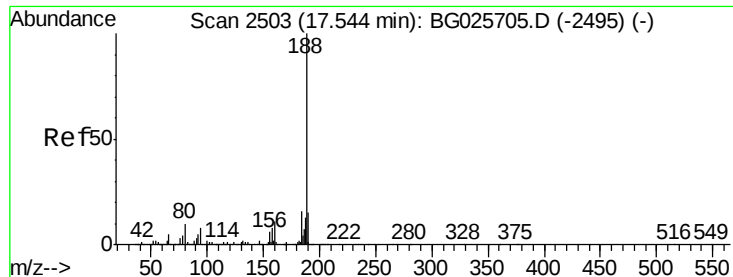
Ion Ratio Lower Upper

163 100

194 3.5 3.8 5.6#

164 9.9 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.40 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BG026071.D

Acq: 3 Mar 2017 19:48

Instrument :

BNA_G

ClientSampleId :

030117-PRRT-F-D-M

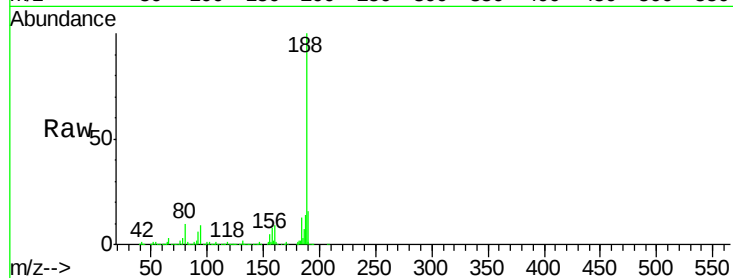
Tgt Ion:188 Resp: 647463

Ion Ratio Lower Upper

188 100

94 8.7 5.8 8.8

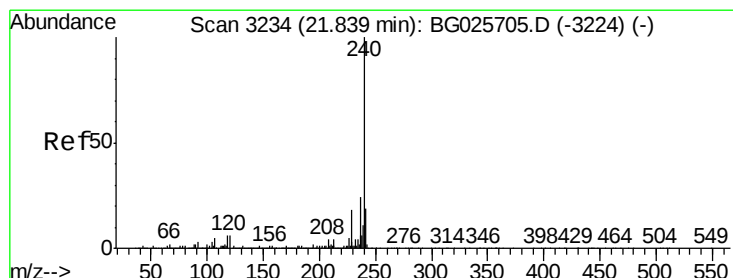
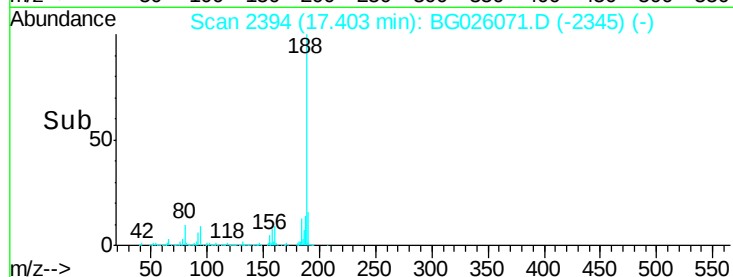
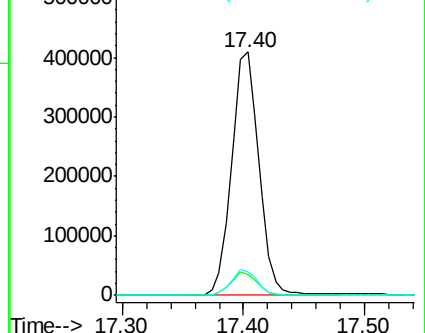
80 9.8 7.5 11.3



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: 20.00 ng

RT: 21.65 min Scan# 3116

Delta R.T. -0.03 min

Lab File: BG026071.D

Acq: 3 Mar 2017 19:48

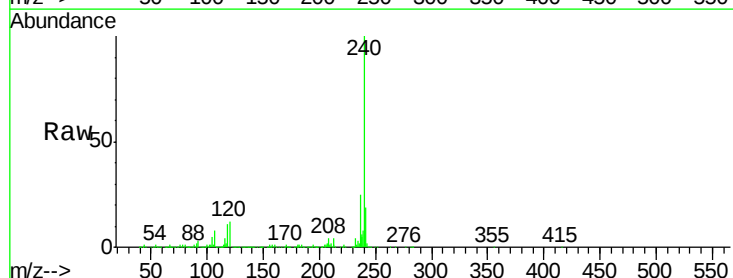
Tgt Ion:240 Resp: 618343

Ion Ratio Lower Upper

240 100

120 12.1 5.7 8.5#

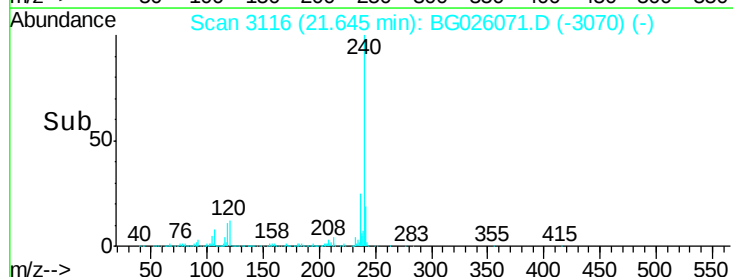
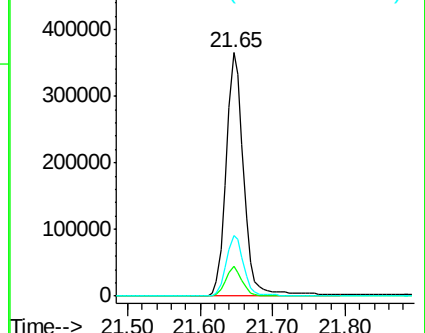
236 24.9 22.2 33.4

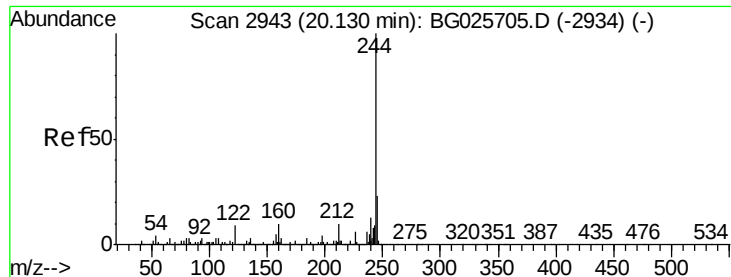


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.87 ng

RT: 20.00 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BG026071.D

Acq: 3 Mar 2017 19:48

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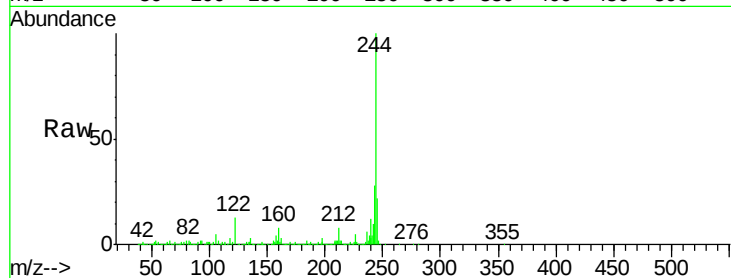
Tgt Ion:244 Resp: 2157838

Ion Ratio Lower Upper

244 100

212 8.4 10.0 15.0#

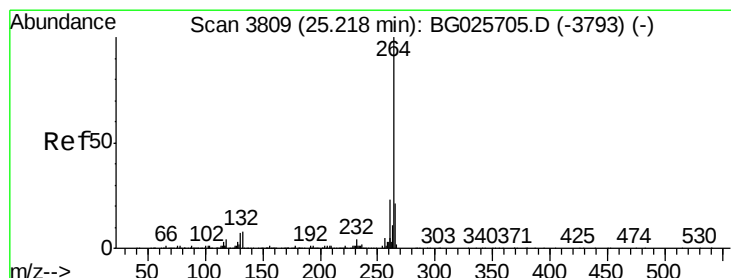
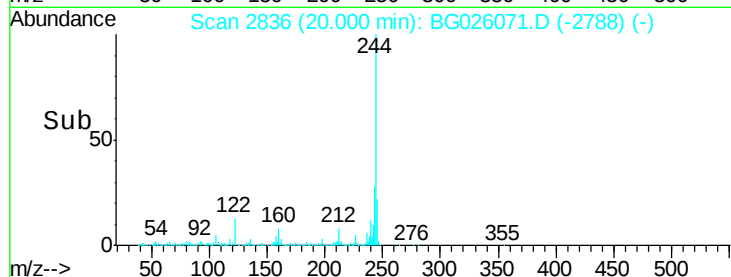
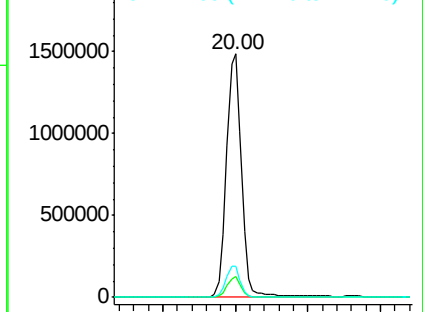
122 12.7 8.6 12.8



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: 20.00 ng

RT: 24.84 min Scan# 3660

Delta R.T. -0.04 min

Lab File: BG026071.D

Acq: 3 Mar 2017 19:48

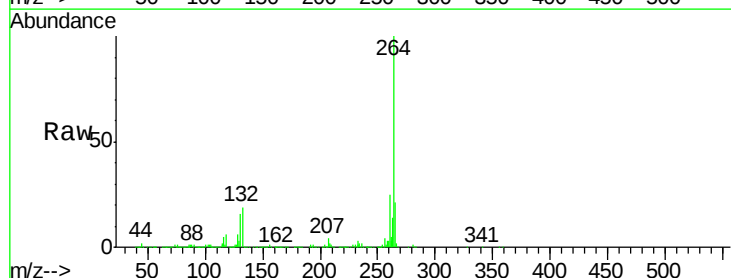
Tgt Ion:264 Resp: 567682

Ion Ratio Lower Upper

264 100

260 25.4 21.8 32.8

265 20.9 18.2 27.4



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

