

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032217\
 Data File : BG026371.D
 Acq On : 22 Mar 2017 10:43
 Operator : SJ/MA
 Sample : I2304-11
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPA-B6(0-5)

Quant Time: Mar 29 14:44:24 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

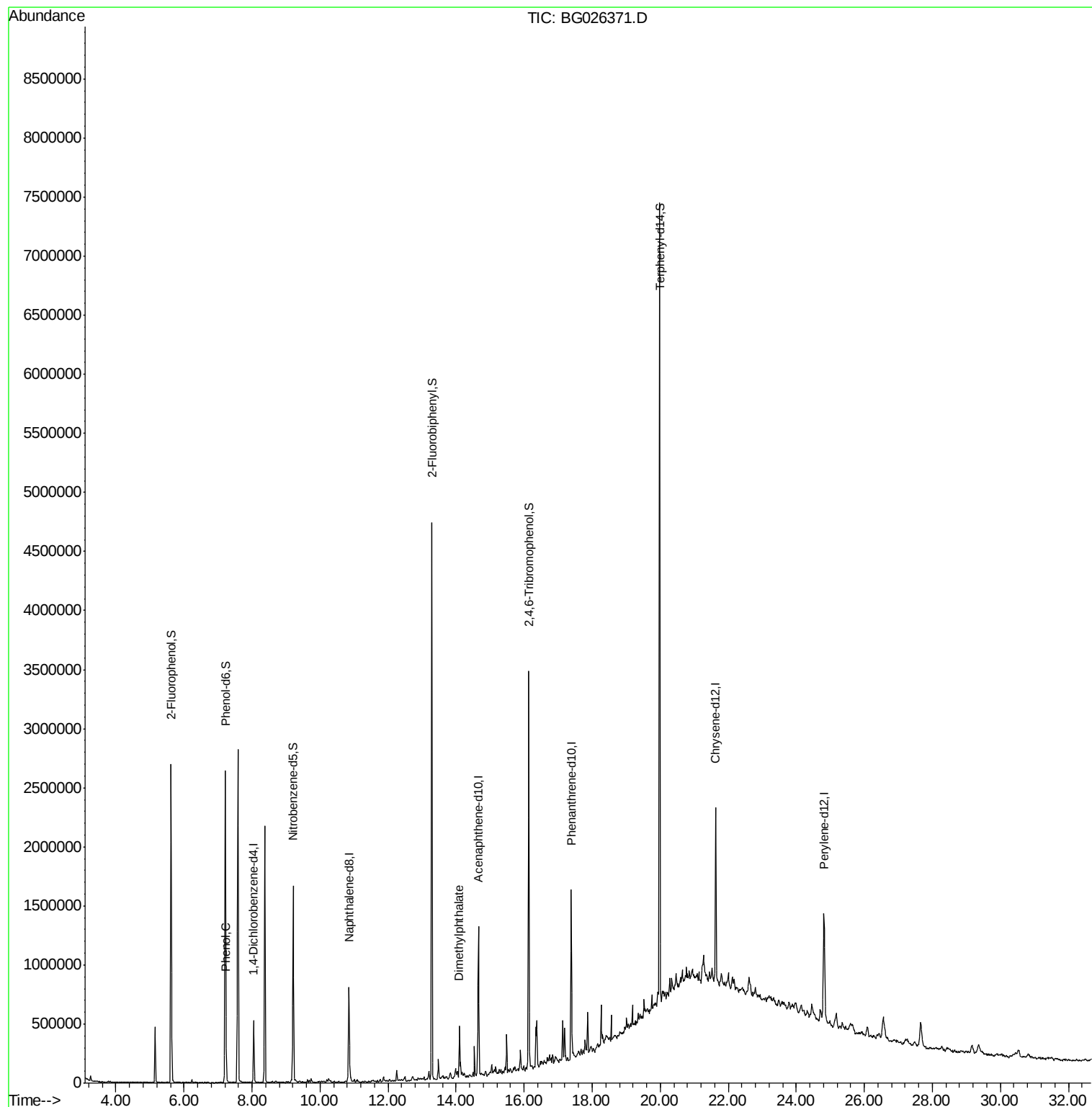
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	165482	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	768397	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	444770	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	917160	20.00	ng	0.00
75) Chrysene-d12	21.63	240	977310	20.00	ng	0.00
86) Perylene-d12	24.81	264	952346	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1401242	150.29	ng	0.00
7) Phenol-d6	7.22	99	1939832	154.98	ng	0.01
23) Nitrobenzene-d5	9.21	82	1083744	84.80	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	706363	138.68	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	2643055	83.34	ng	0.00
78) Terphenyl-d14	19.99	244	2830617	70.34	ng	0.00
Target Compounds						
10) Phenol	7.24	94	105367	7.89	ng	Qvalue # 72
49) Dimethylphthalate	14.10	163	308450	9.19	ng	96

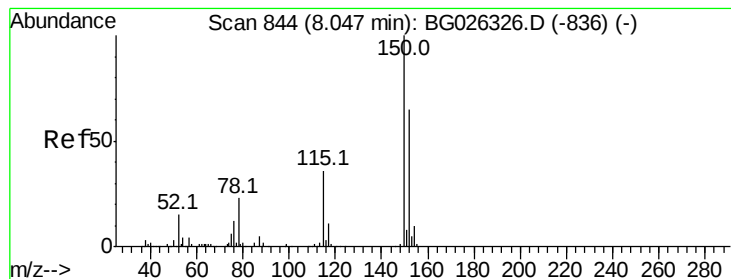
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 845

Delta R.T. 0.00 min

Lab File: BG026371.D

Acq: 22 Mar 2017 10:43

Instrument :

BNA_G

ClientSampleId :

SPA-B6(0-5)

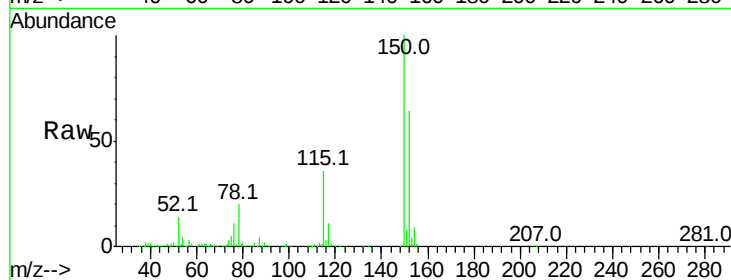
Tot Ion:152 Resp: 165482

Ion Ratio Lower Upper

152 100

150 157.5 114.0 171.0

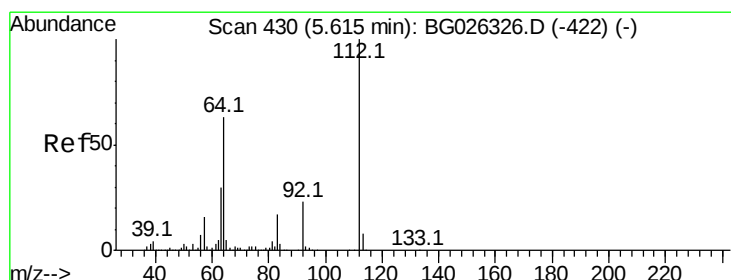
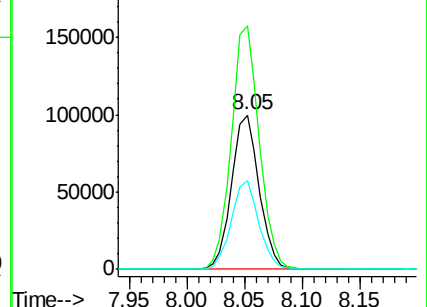
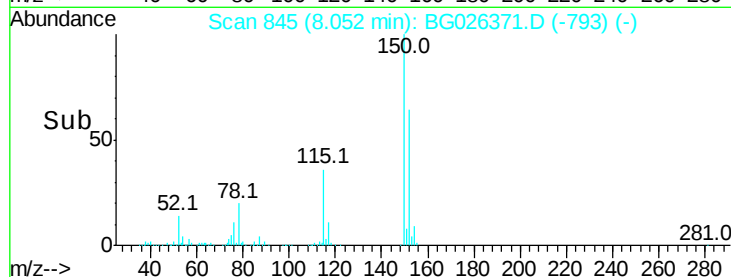
115 57.2 48.1 72.1



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: 150.29 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG026371.D

Acq: 22 Mar 2017 10:43

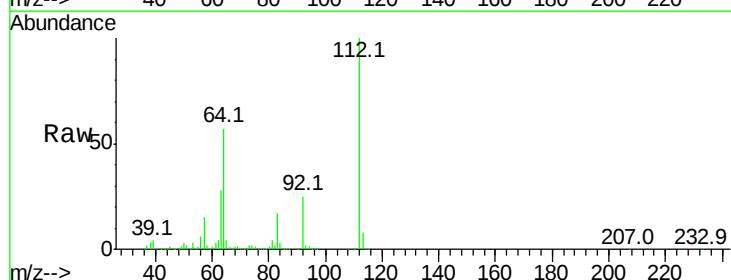
Tgt Ion:112 Resp: 1401242

Ion Ratio Lower Upper

112 100

64 57.4 61.8 92.6#

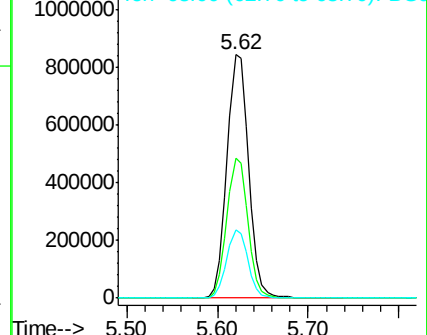
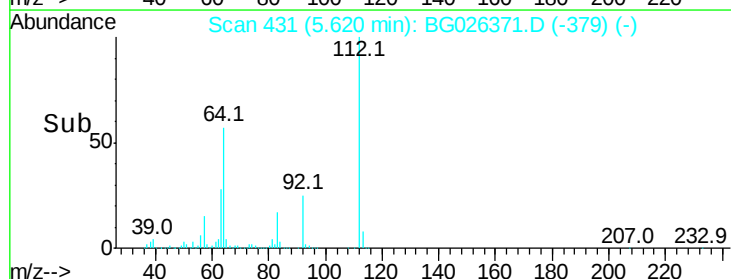
63 28.0 37.2 55.8#

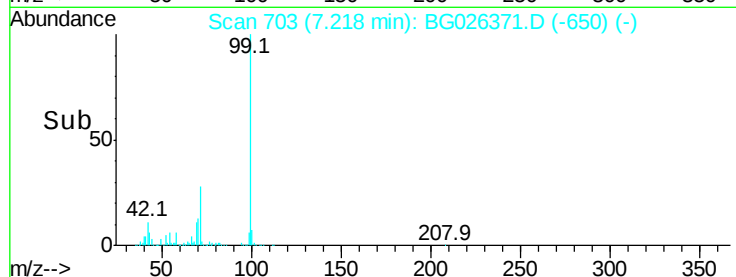
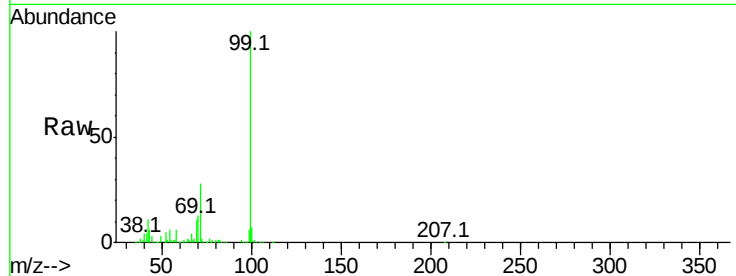
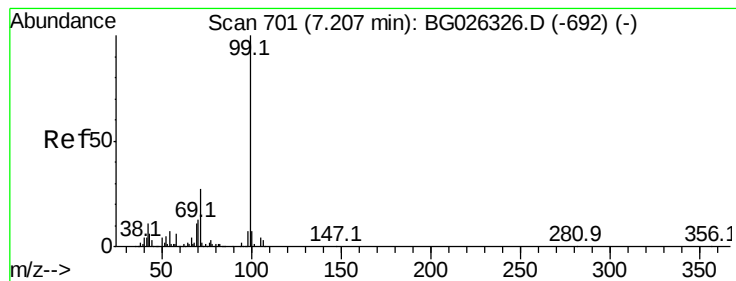


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 154.98 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG026371.D

Acq: 22 Mar 2017 10:43

Instrument :

BNA_G

ClientSampleId :

SPA-B6(0-5)

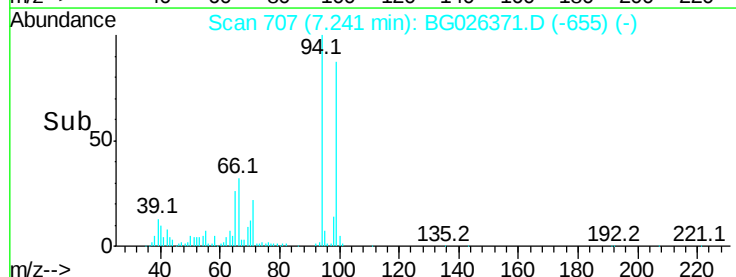
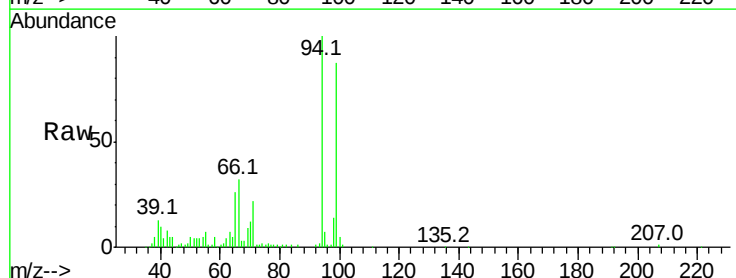
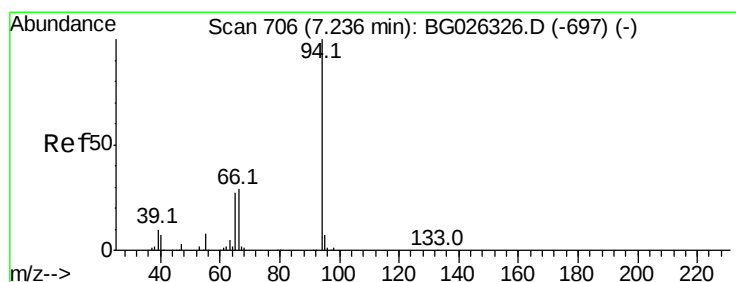
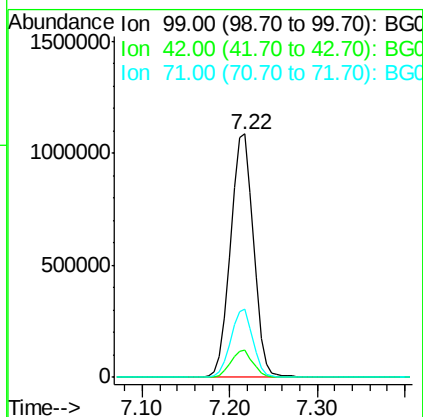
Tot Ion: 99 Resp: 1939832

Ion Ratio Lower Upper

99 100

42 11.0 20.5 30.7#

71 28.0 37.6 56.4#



#10

Phenol

Concen: 7.89 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG026371.D

Acq: 22 Mar 2017 10:43

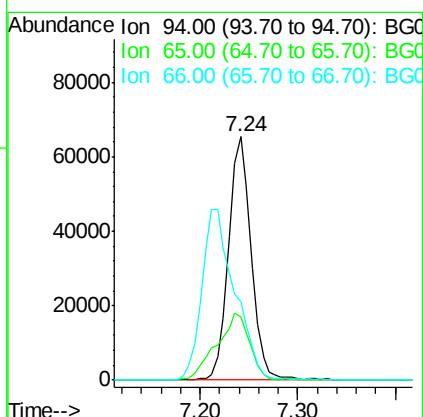
Tgt Ion: 94 Resp: 105367

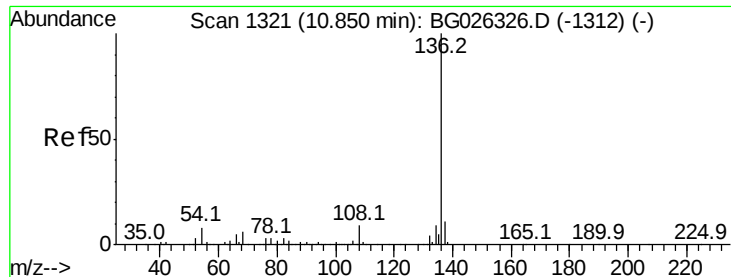
Ion Ratio Lower Upper

94 100

65 25.9 20.6 60.6

66 32.5 35.5 75.5#

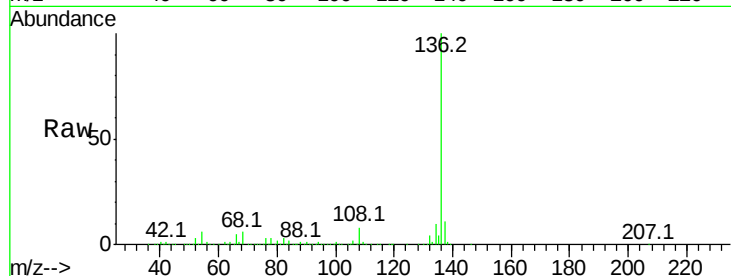




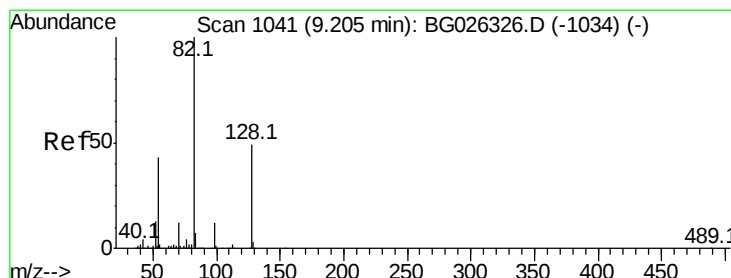
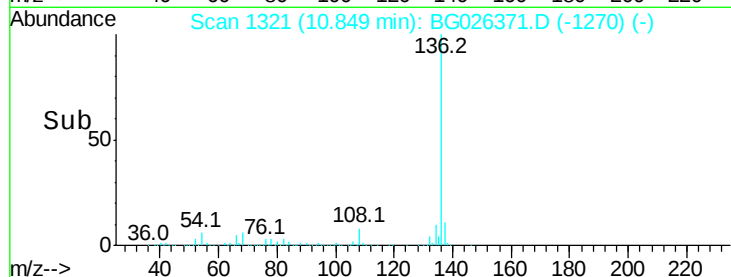
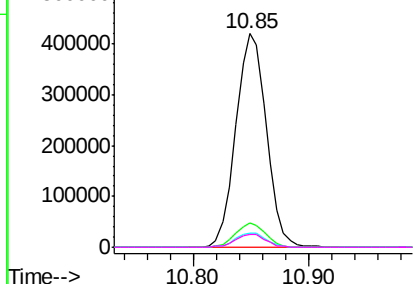
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG026371.D
Acq: 22 Mar 2017 10:43

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)

Tot Ion:	136	Resp:	768397
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.3	9.3	13.9#
68	6.0	5.1	7.7

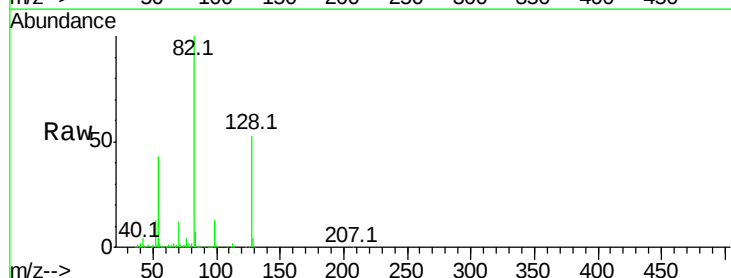


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

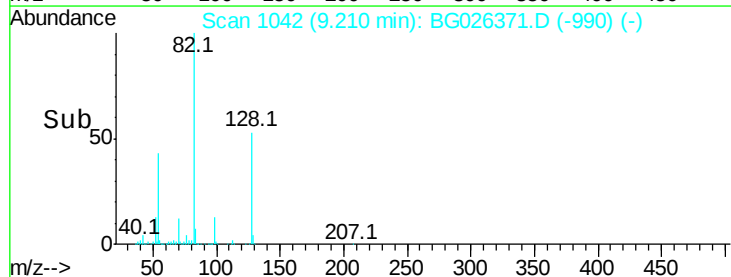
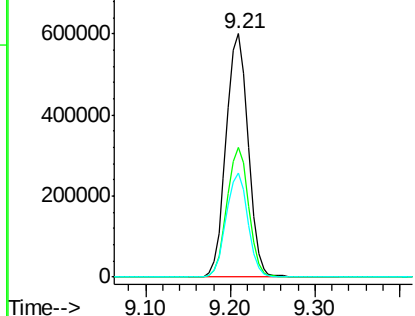


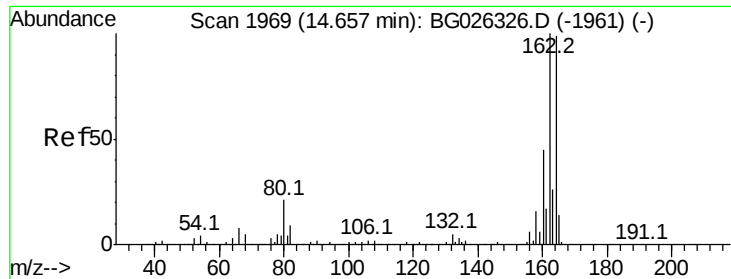
#23
Nitrobenzene-d5
Concen: 84.80 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG026371.D
Acq: 22 Mar 2017 10:43

Tgt Ion:	82	Resp:	1083744
Ion	Ratio	Lower	Upper
82	100		
128	53.1	26.4	39.6#
54	42.7	49.4	74.2#



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG026371.D

Acq: 22 Mar 2017 10:43

Instrument :

BNA_G

ClientSampleId :

SPA-B6(0-5)

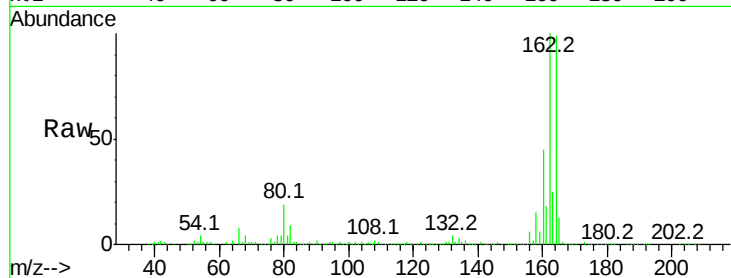
Tot Ion:164 Resp: 444770

Ion Ratio Lower Upper

164 100

162 101.3 85.1 127.7

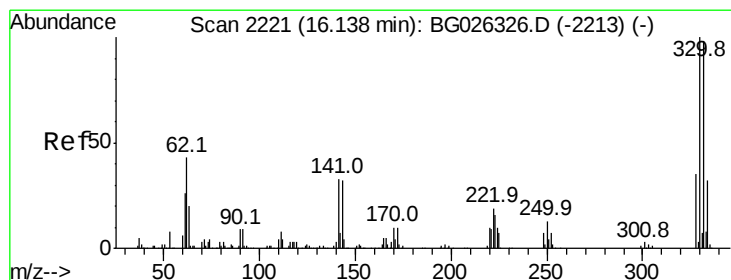
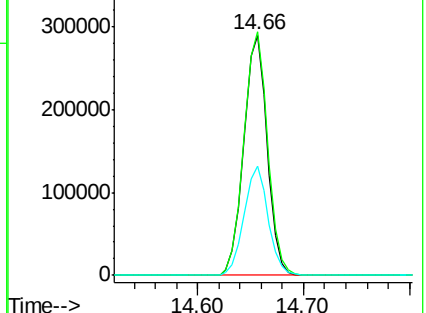
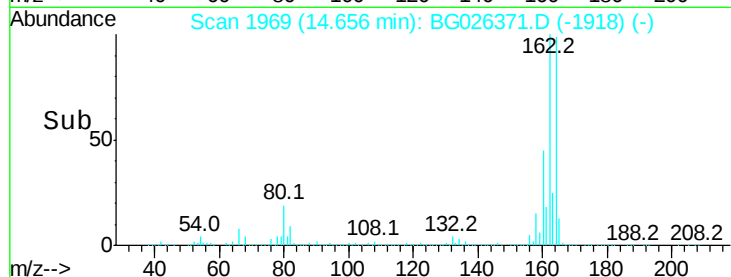
160 45.4 34.7 52.1



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: 138.68 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BG026371.D

Acq: 22 Mar 2017 10:43

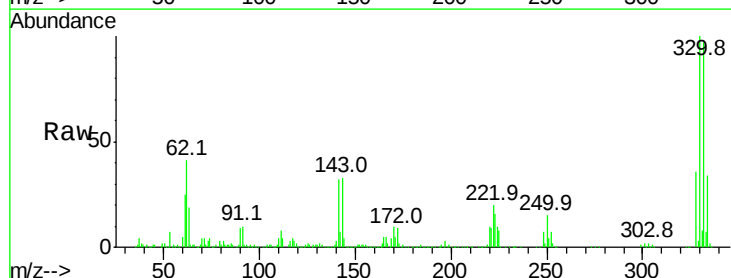
Tgt Ion:330 Resp: 706363

Ion Ratio Lower Upper

330 100

332 97.4 77.3 115.9

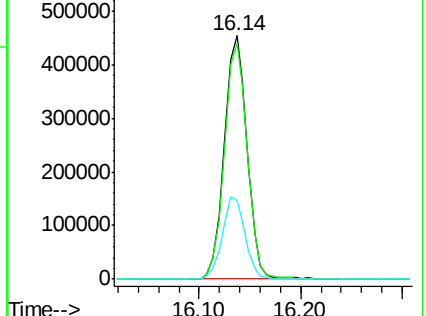
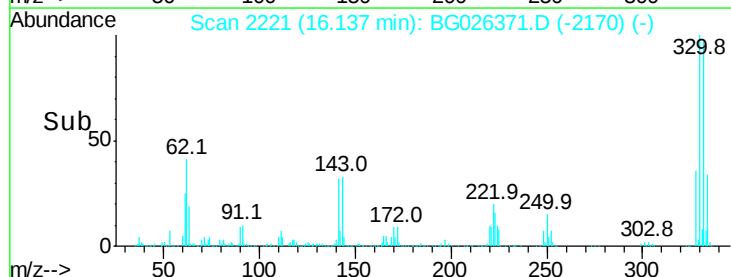
141 33.0 32.1 48.1

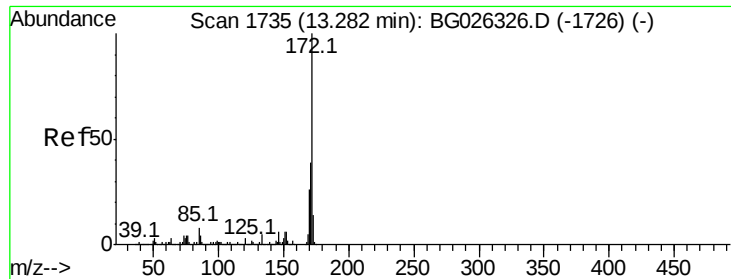


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

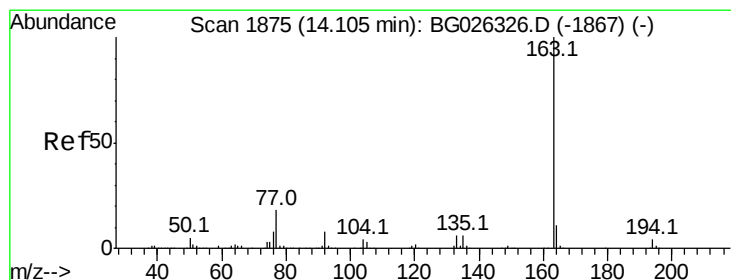
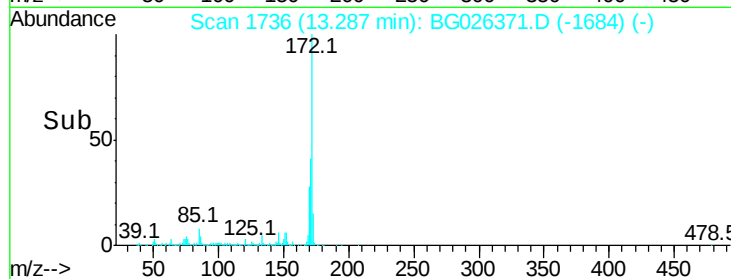
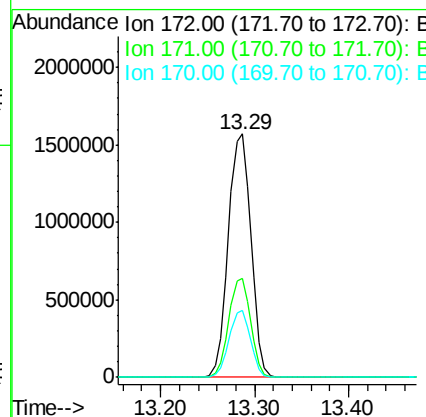
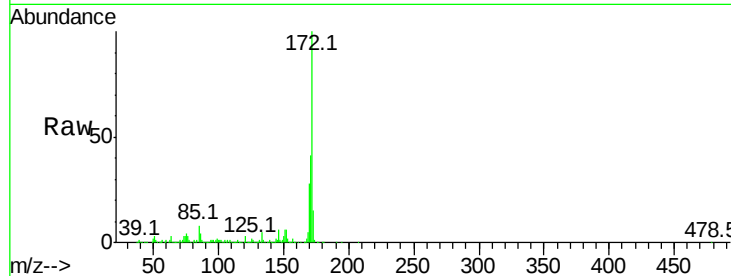




#44
2-Fluorobiphenyl
Concen: 83.34 ng
RT: 13.29 min Scan# 1736
Delta R.T. 0.00 min
Lab File: BG026371.D
Acq: 22 Mar 2017 10:43

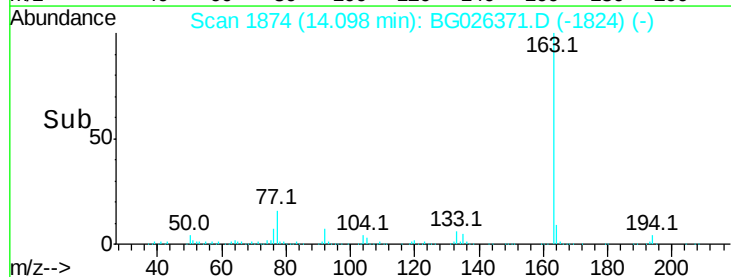
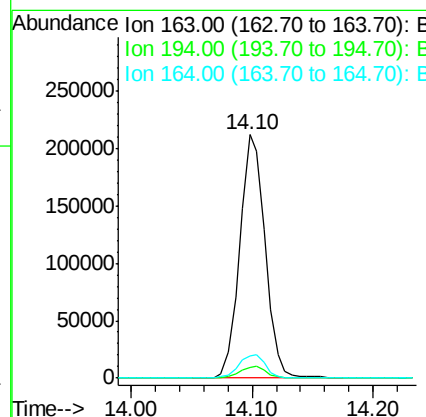
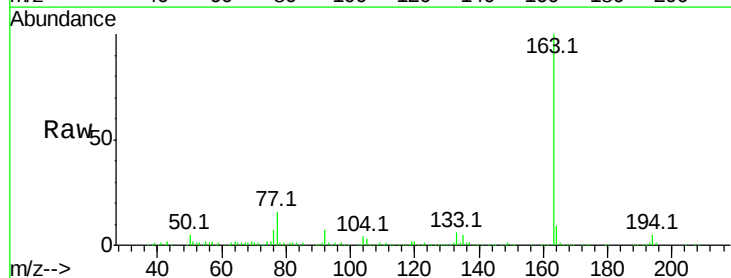
Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)

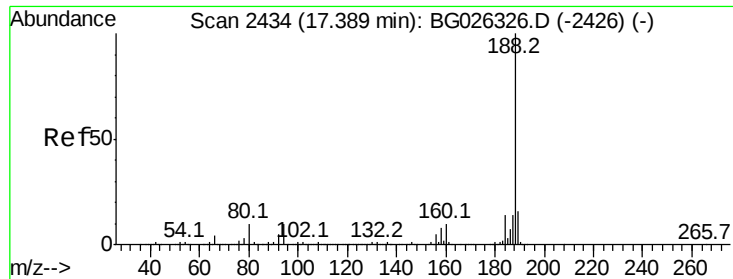
Tot Ion:172 Resp: 2643055
Ion Ratio Lower Upper
172 100
171 40.8 32.2 48.2
170 27.7 21.8 32.6



#49
Dimethylphthalate
Concen: 9.19 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG026371.D
Acq: 22 Mar 2017 10:43

Tgt Ion:163 Resp: 308450
Ion Ratio Lower Upper
163 100
194 4.6 3.8 5.6
164 9.3 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.39 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BG026371.D

Acq: 22 Mar 2017 10:43

Instrument :

BNA_G

ClientSampleId :

SPA-B6(0-5)

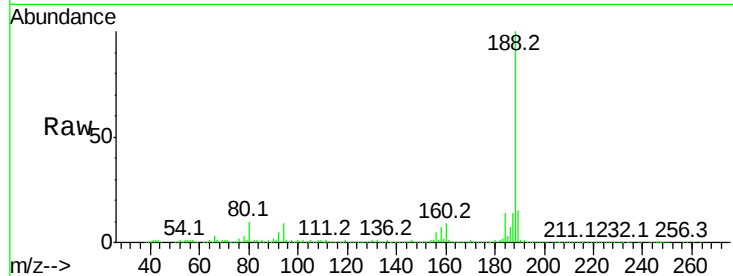
Tot Ion:188 Resp: 917160

Ion Ratio Lower Upper

188 100

94 9.2 5.8 8.8#

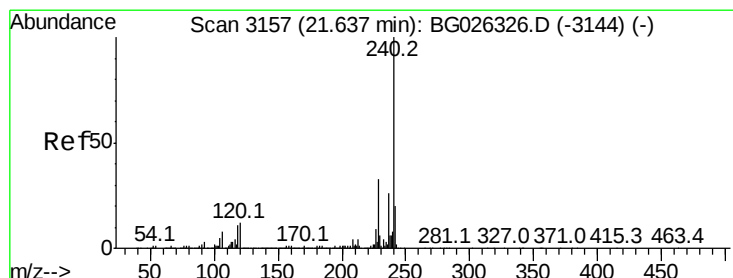
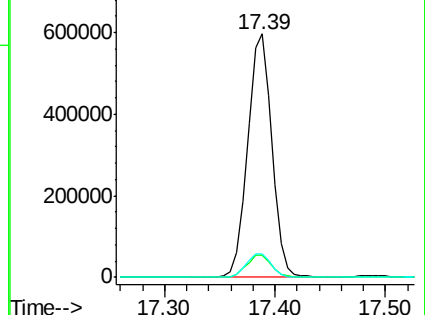
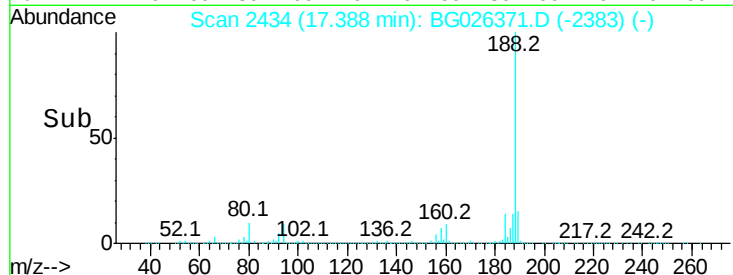
80 9.7 7.5 11.3



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: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG026371.D

Acq: 22 Mar 2017 10:43

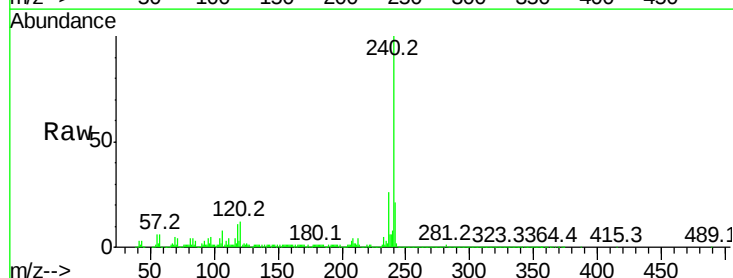
Tgt Ion:240 Resp: 977310

Ion Ratio Lower Upper

240 100

120 11.7 5.7 8.5#

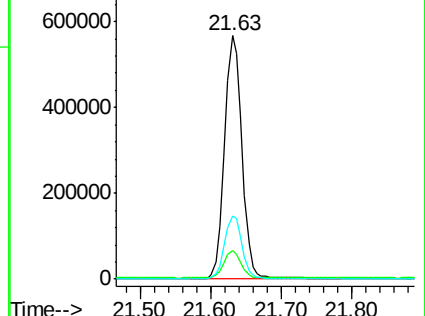
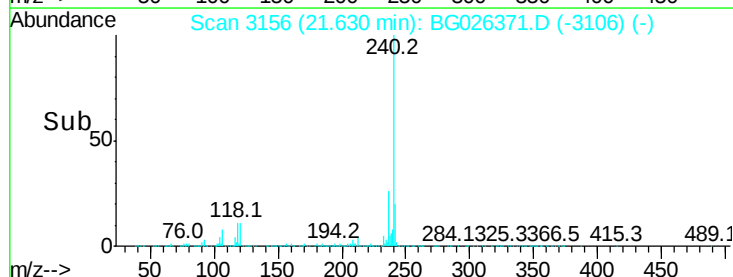
236 26.2 22.2 33.4

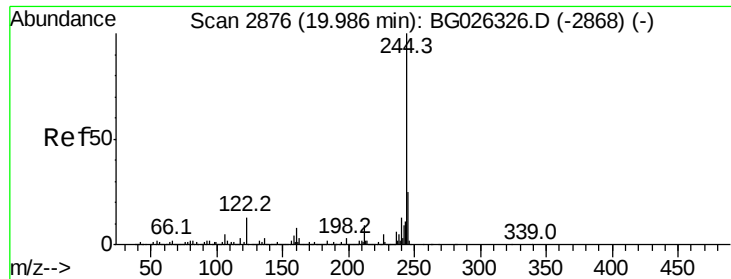


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 70.34 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BG026371.D

Acq: 22 Mar 2017 10:43

Instrument :

BNA_G

ClientSampleId :

SPA-B6(0-5)

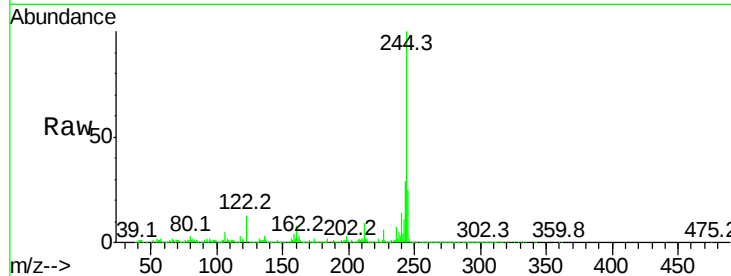
Tot Ion:244 Resp: 2830617

Ion Ratio Lower Upper

244 100

212 9.1 10.0 15.0#

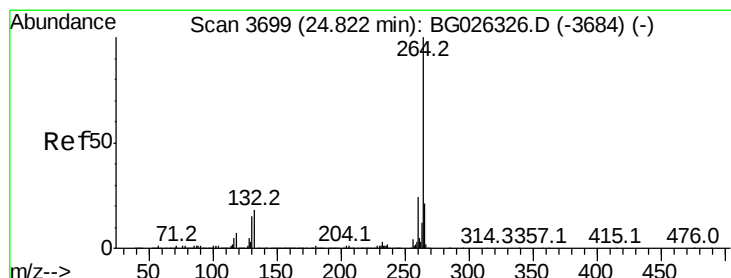
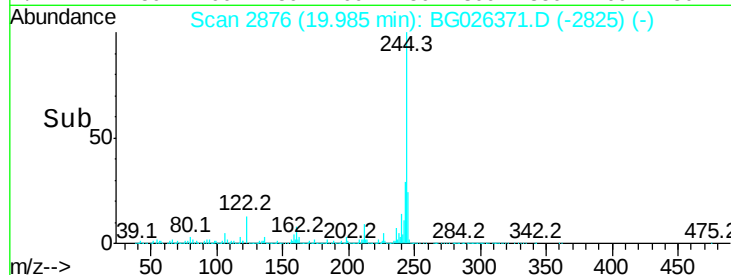
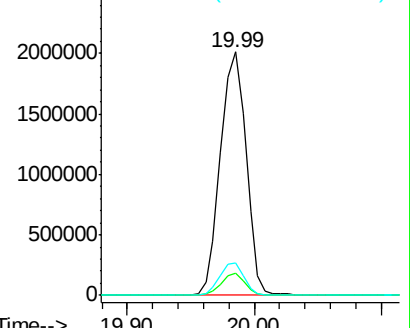
122 13.4 8.6 12.8#



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: 24.81 min Scan# 3698

Delta R.T. -0.01 min

Lab File: BG026371.D

Acq: 22 Mar 2017 10:43

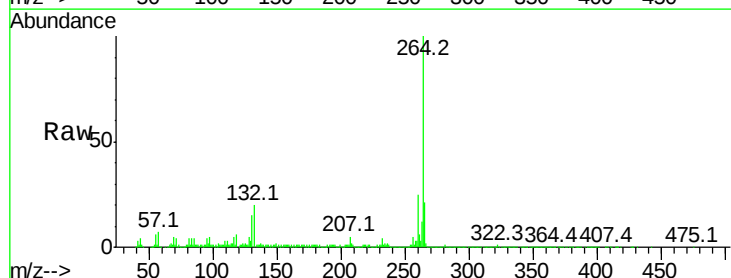
Tgt Ion:264 Resp: 952346

Ion Ratio Lower Upper

264 100

260 25.5 21.8 32.8

265 21.3 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

