

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
 Data File : BG026343.D
 Acq On : 21 Mar 2017 1:39
 Operator : SJ/MA
 Sample : I2277-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S39-9003

Quant Time: Mar 21 02:23:07 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

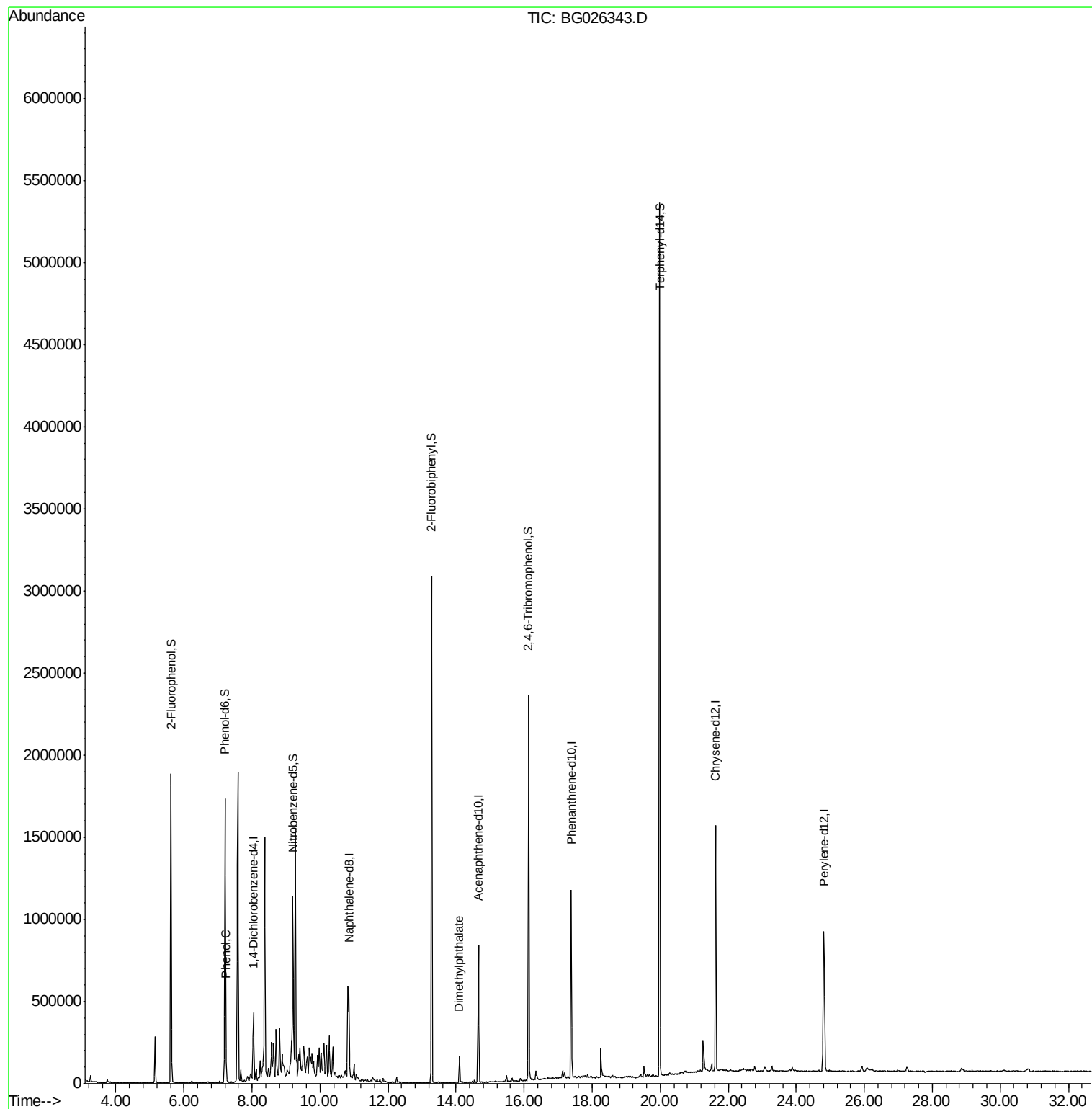
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	124597	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	514350	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	303430	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	730963	20.00	ng	0.00
75) Chrysene-d12	21.63	240	890026	20.00	ng	0.00
86) Perylene-d12	24.81	264	845983	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	965738	137.57	ng	0.00
7) Phenol-d6	7.21	99	1267155	134.45	ng	0.00
23) Nitrobenzene-d5	9.20	82	667784	78.07	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	472537	135.99	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	1713132	79.18	ng	0.00
78) Terphenyl-d14	19.98	244	2394780	65.35	ng	0.00
Target Compounds						
10) Phenol	7.24	94	81540	8.11	ng	Qvalue # 69
49) Dimethylphthalate	14.10	163	121585	5.31	ng	98

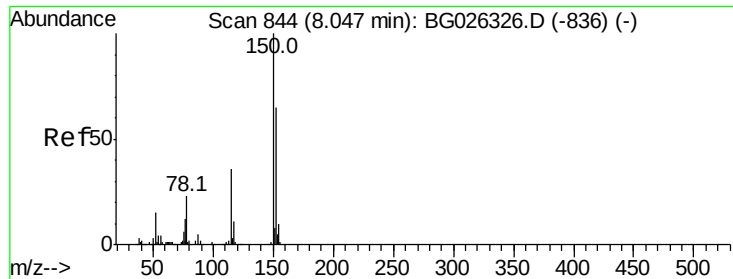
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BG026343.D

Acq: 21 Mar 2017 1:39

Instrument :

BNA_G

ClientSampleId :

S39-9003

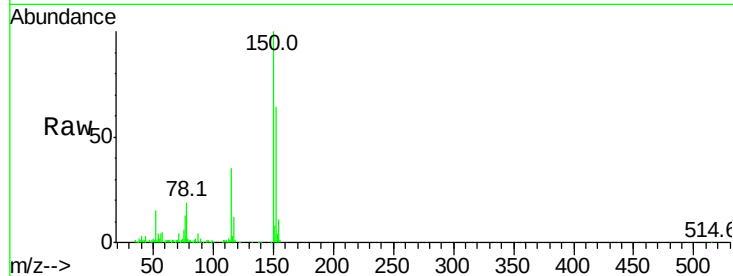
Tot Ion:152 Resp: 124597

Ion Ratio Lower Upper

152 100

150 156.5 114.0 171.0

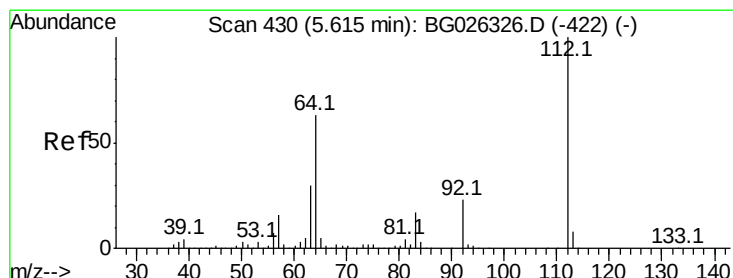
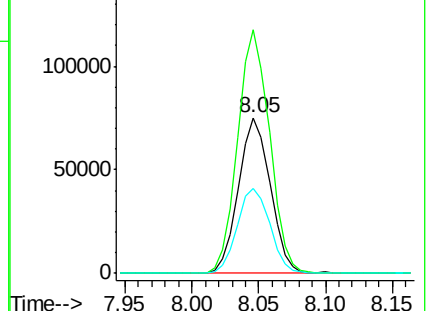
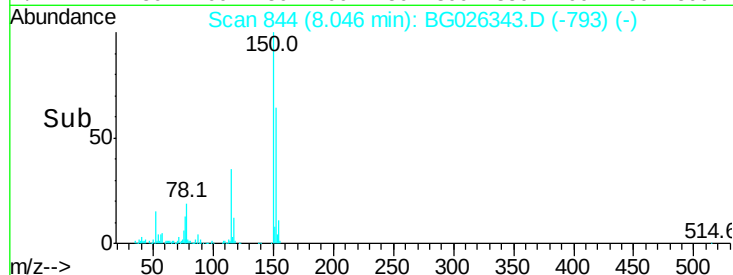
115 54.6 48.1 72.1



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: 137.57 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG026343.D

Acq: 21 Mar 2017 1:39

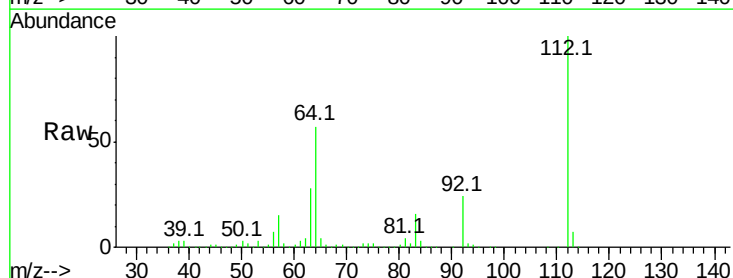
Tgt Ion:112 Resp: 965738

Ion Ratio Lower Upper

112 100

64 57.2 61.8 92.6#

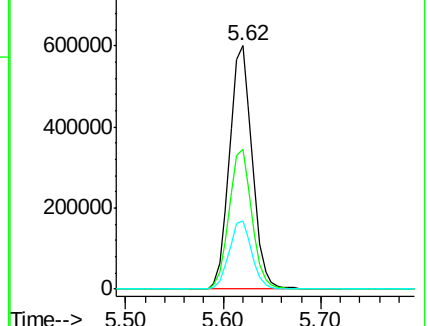
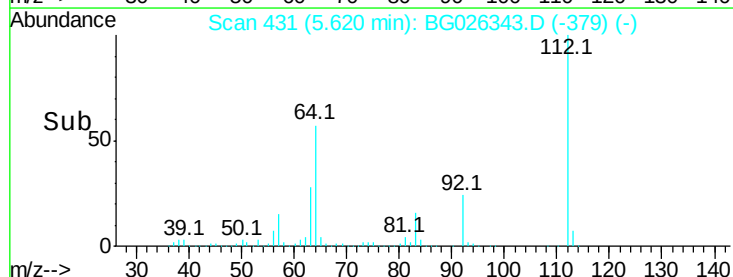
63 28.2 37.2 55.8#

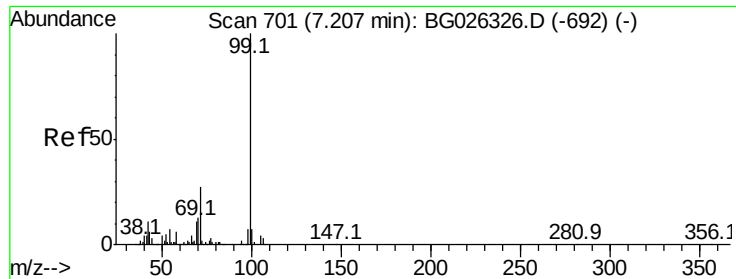


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 134.45 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG026343.D

Acq: 21 Mar 2017 1:39

Instrument :

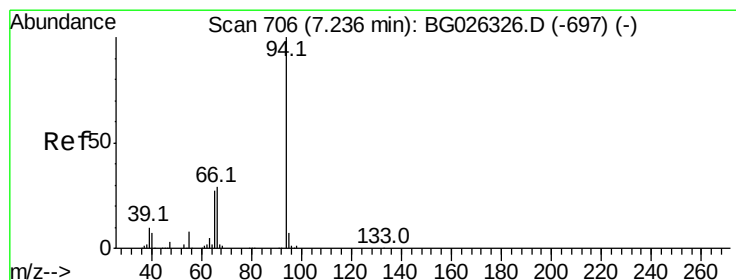
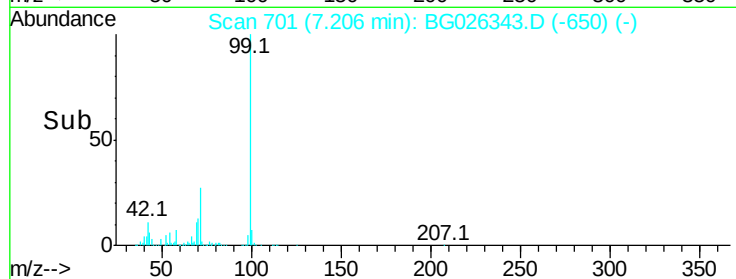
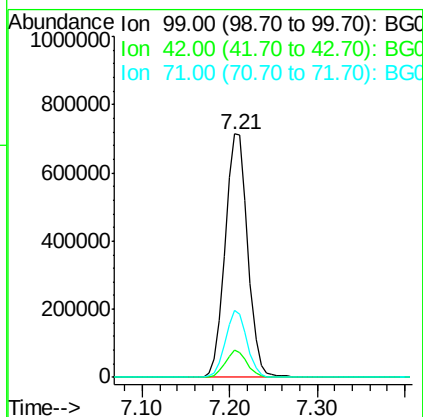
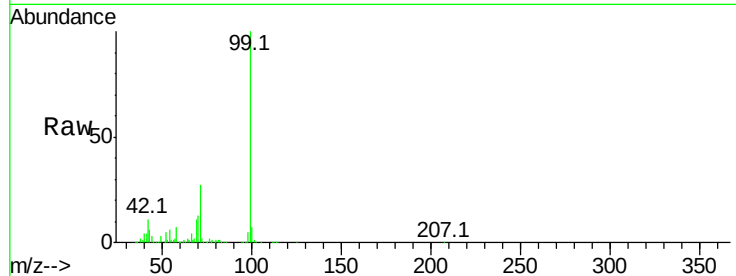
BNA_G

ClientSampleId :

S39-9003

Tot Ion: 99 Resp: 1267155

Ion	Ratio	Lower	Upper
99	100		
42	11.0	20.5	30.7#
71	27.4	37.6	56.4#



#10

Phenol

Concen: 8.11 ng

RT: 7.24 min Scan# 706

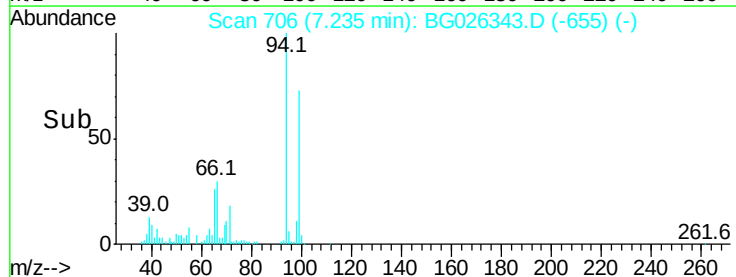
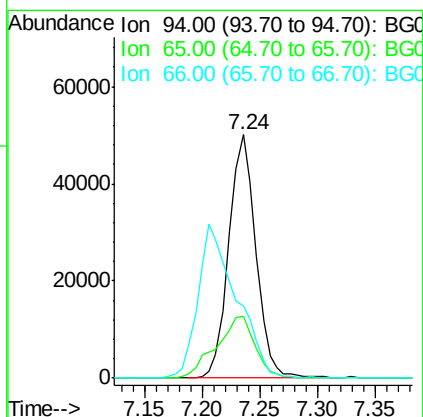
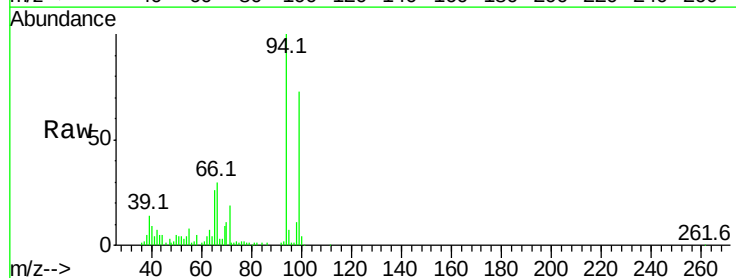
Delta R.T. -0.00 min

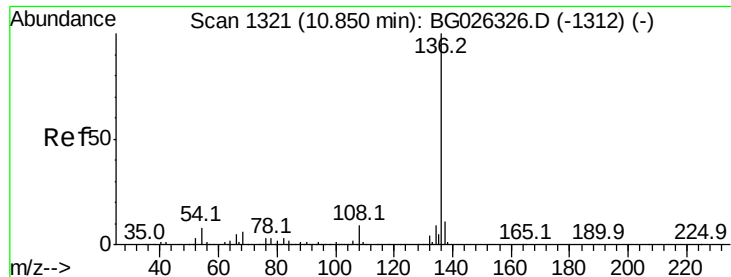
Lab File: BG026343.D

Acq: 21 Mar 2017 1:39

Tgt Ion: 94 Resp: 81540

Ion	Ratio	Lower	Upper
94	100		
65	25.5	20.6	60.6
66	29.5	35.5	75.5#

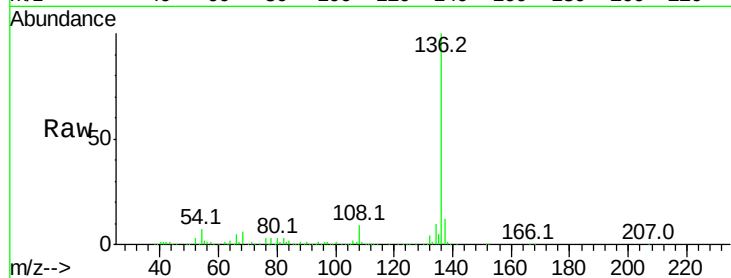




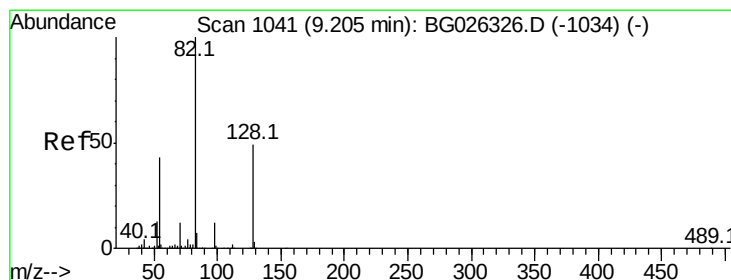
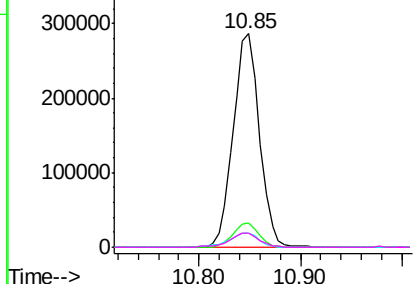
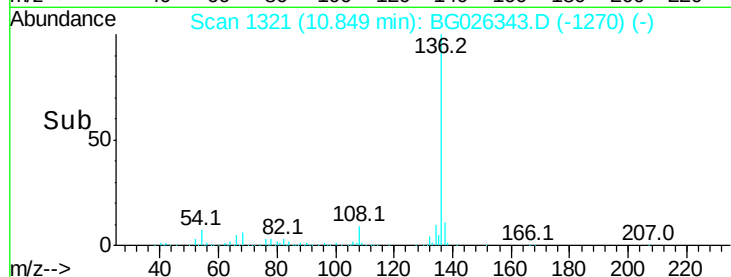
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG026343.D
Acq: 21 Mar 2017 1:39

Instrument :
BNA_G
ClientSampleId :
S39-9003

Tot Ion:136	Resp: 514350
Ion Ratio	Lower Upper
136 100	
137 11.5	8.9 13.3
54 6.8	9.3 13.9#
68 6.3	5.1 7.7

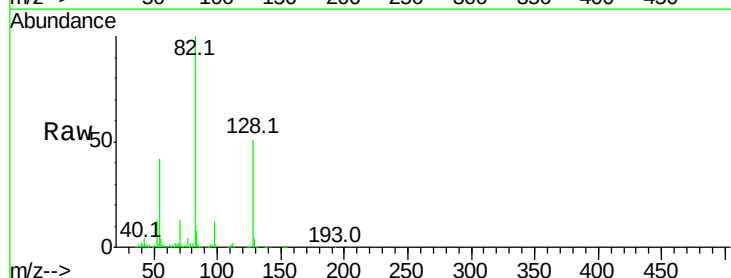


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

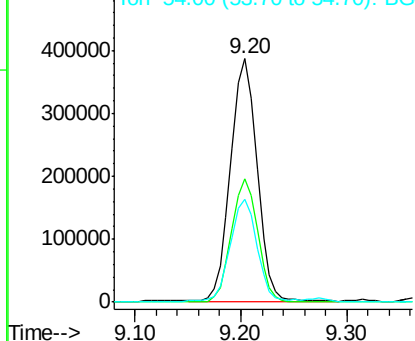
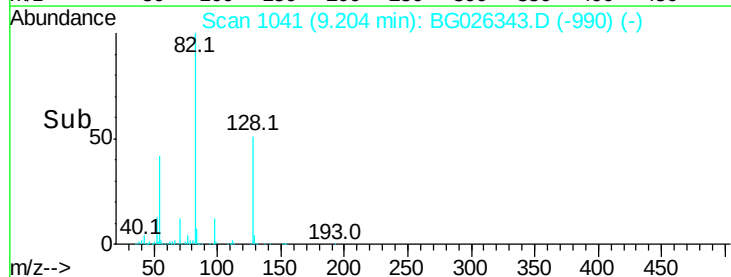


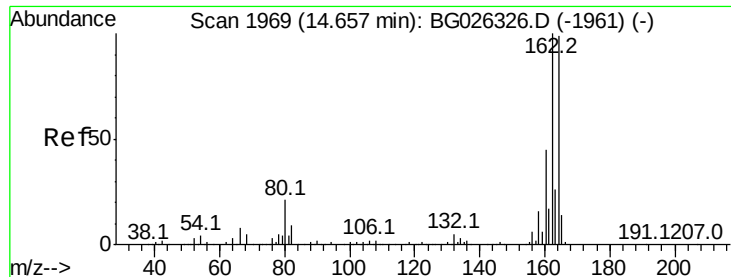
#23
Nitrobenzene-d5
Concen: 78.07 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG026343.D
Acq: 21 Mar 2017 1:39

Tgt Ion: 82	Resp: 667784
Ion Ratio	Lower Upper
82 100	
128 50.7	26.4 39.6#
54 42.0	49.4 74.2#



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: 20.00 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG026343.D

Acq: 21 Mar 2017 1:39

Instrument :

BNA_G

ClientSampleId :

S39-9003

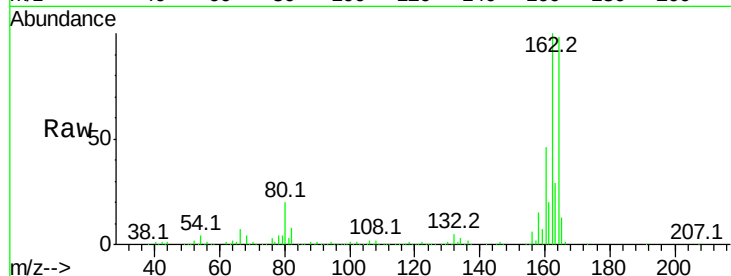
Tot Ion:164 Resp: 303430

Ion Ratio Lower Upper

164 100

162 102.5 85.1 127.7

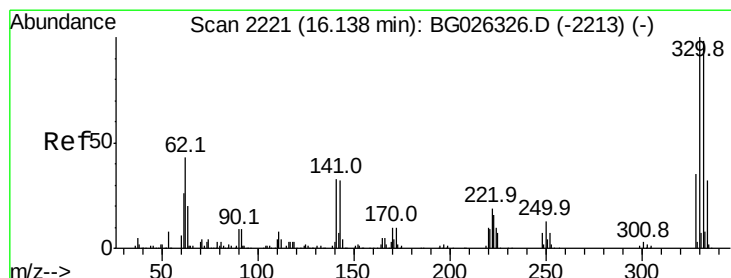
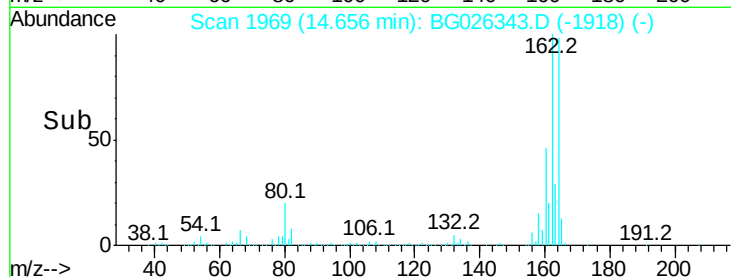
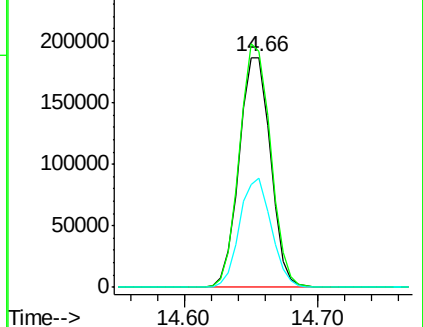
160 47.6 34.7 52.1



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: 135.99 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BG026343.D

Acq: 21 Mar 2017 1:39

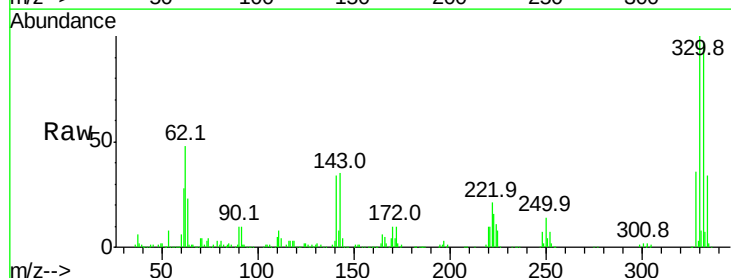
Tgt Ion:330 Resp: 472537

Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

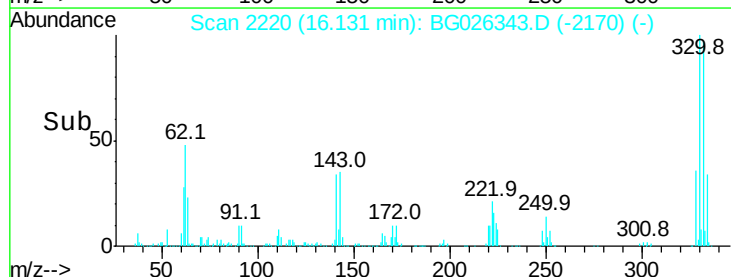
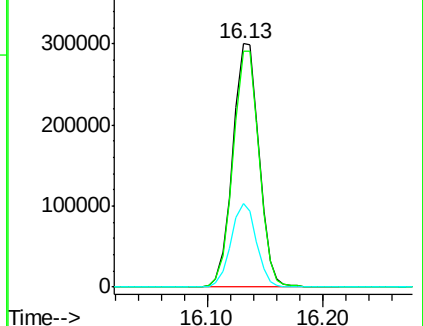
141 33.4 32.1 48.1

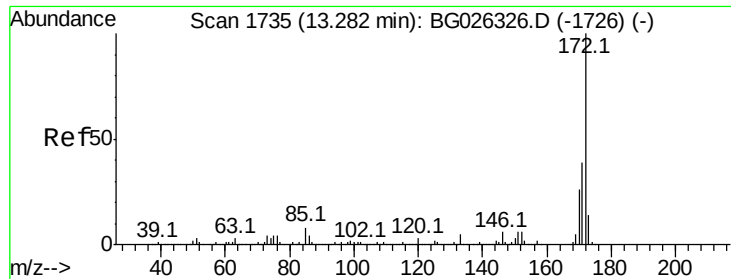


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

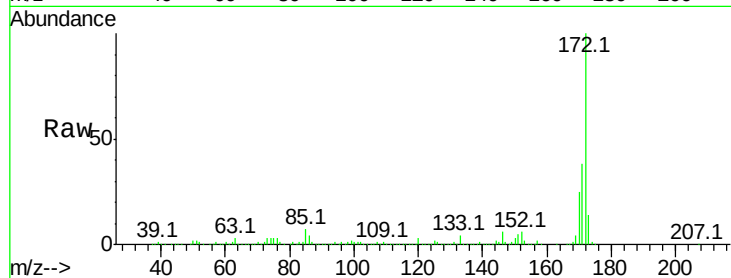




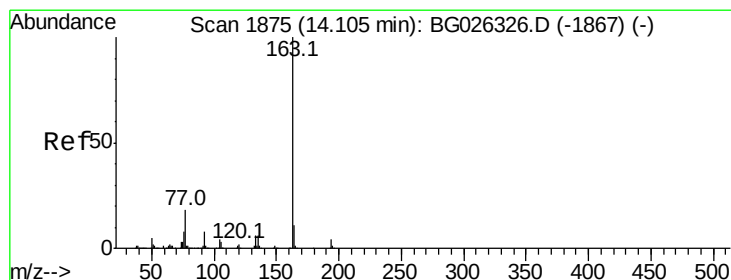
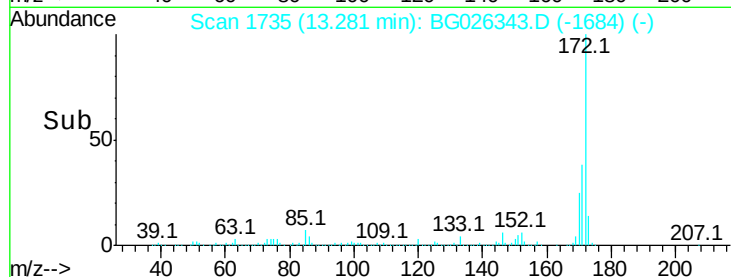
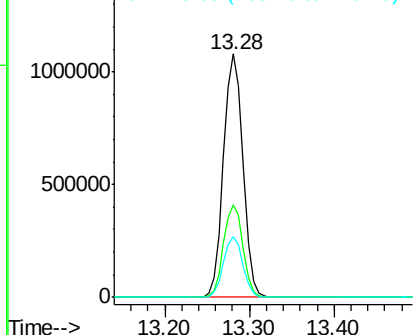
#44
2-Fluorobiphenyl
Concen: 79.18 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG026343.D
Acq: 21 Mar 2017 1:39

Instrument :
BNA_G
ClientSampleId :
S39-9003

Tot Ion:172 Resp: 1713132
Ion Ratio Lower Upper
172 100
171 38.2 32.2 48.2
170 25.0 21.8 32.6

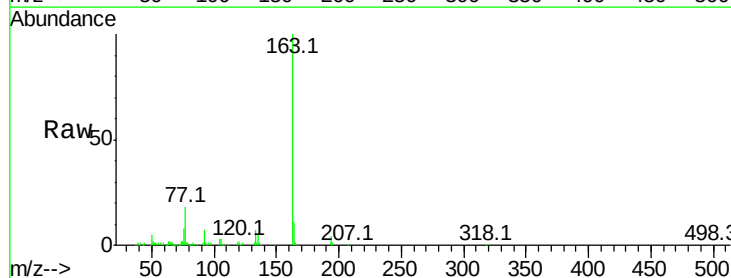


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

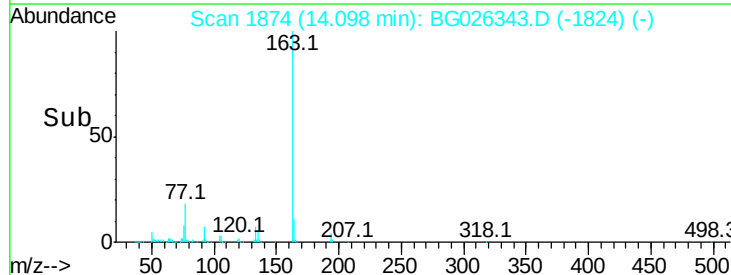
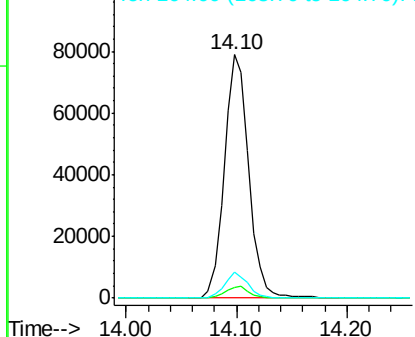


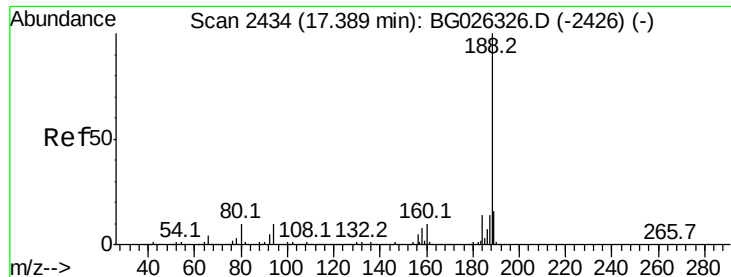
#49
Dimethylphthalate
Concen: 5.31 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG026343.D
Acq: 21 Mar 2017 1:39

Tgt Ion:163 Resp: 121585
Ion Ratio Lower Upper
163 100
194 4.4 3.8 5.6
164 10.5 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

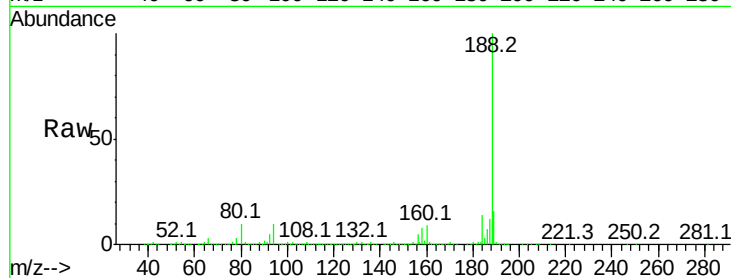




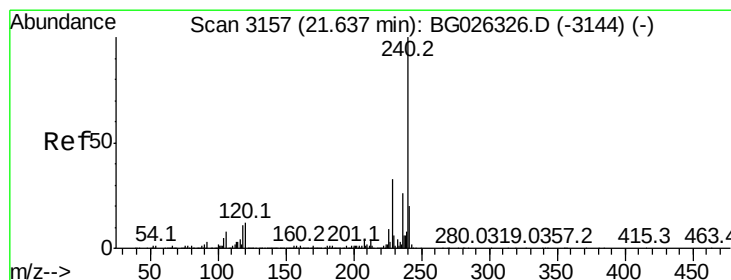
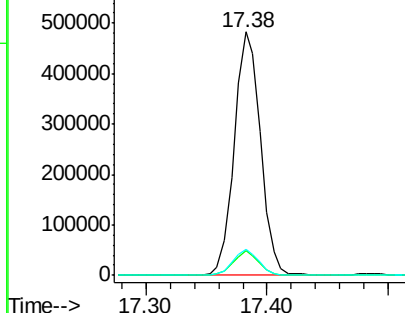
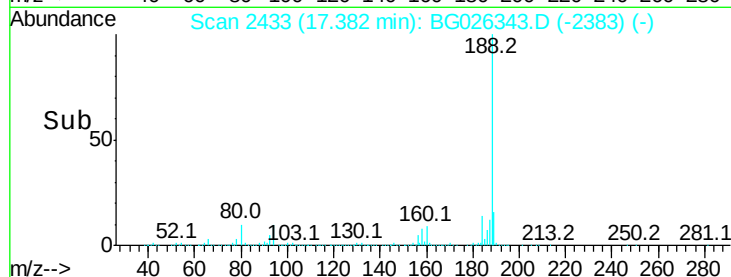
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG026343.D
Acq: 21 Mar 2017 1:39

Instrument :
BNA_G
ClientSampleId :
S39-9003

Tot Ion:188 Resp: 730963
Ion Ratio Lower Upper
188 100
94 10.1 5.8 8.8#
80 10.5 7.5 11.3

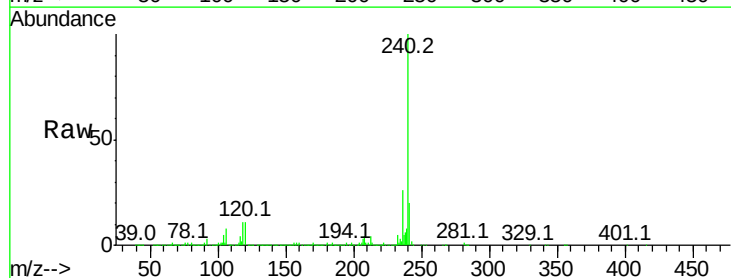


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

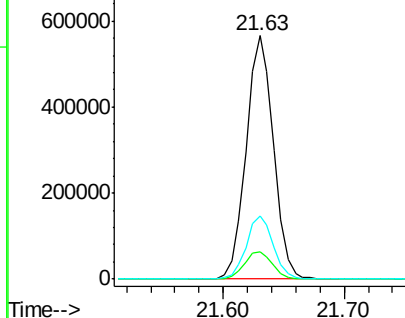
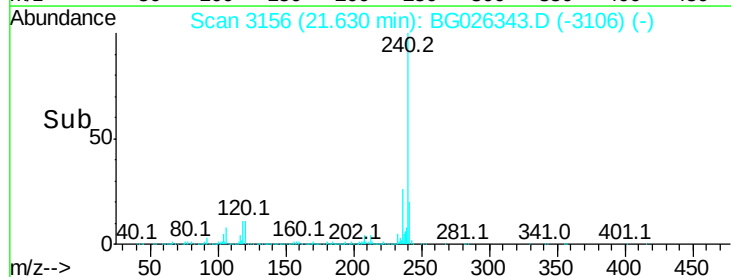


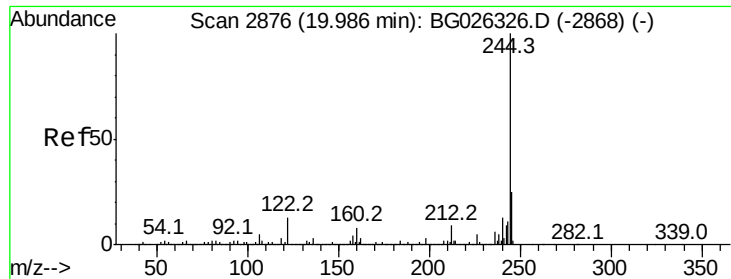
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG026343.D
Acq: 21 Mar 2017 1:39

Tgt Ion:240 Resp: 890026
Ion Ratio Lower Upper
240 100
120 11.3 5.7 8.5#
236 26.1 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: 65.35 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026343.D

Acq: 21 Mar 2017 1:39

Instrument :

BNA_G

ClientSampleId :

S39-9003

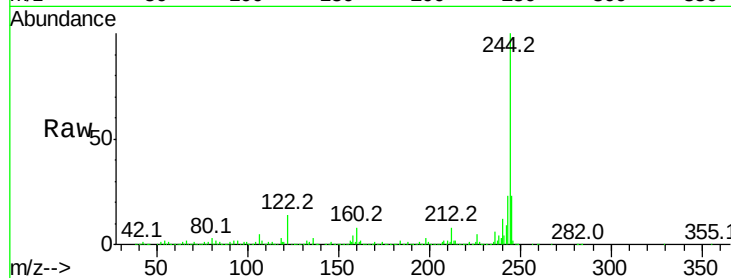
Tot Ion:244 Resp: 2394780

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

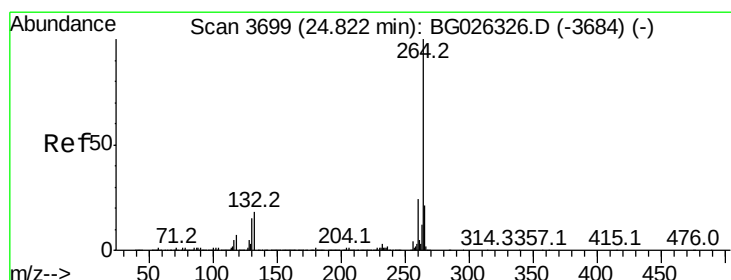
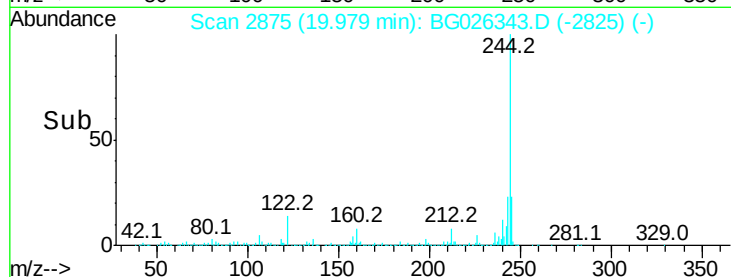
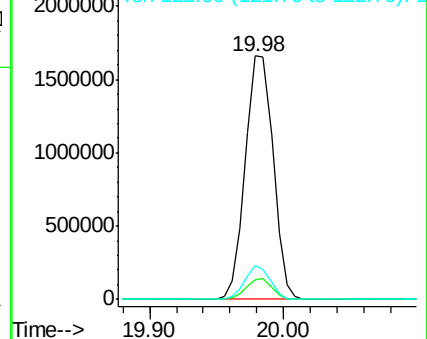
122 13.6 8.6 12.8#



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: BG026343.D

Acq: 21 Mar 2017 1:39

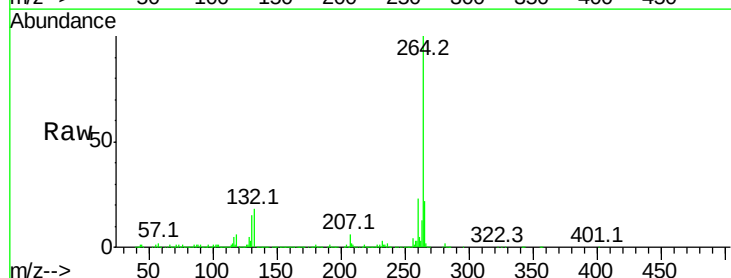
Tgt Ion:264 Resp: 845983

Ion Ratio Lower Upper

264 100

260 23.3 21.8 32.8

265 21.7 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

