

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032217\
 Data File : BG026392.D
 Acq On : 23 Mar 2017 1:52
 Operator : SJ/MA
 Sample : I2337-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 03:09:19 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

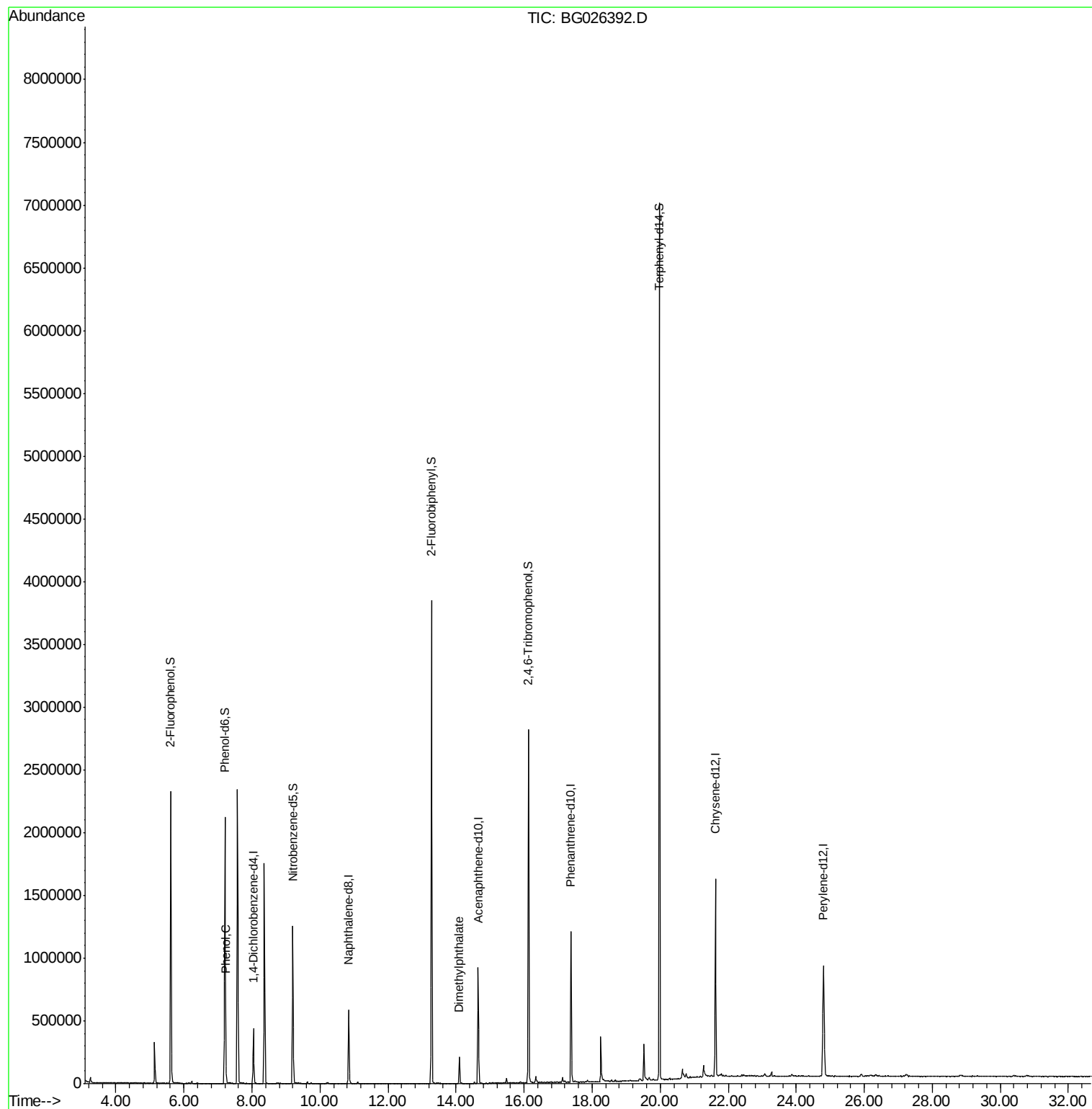
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	141606	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	576093	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	333007	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	808095	20.00	ng	-0.01
75) Chrysene-d12	21.62	240	1001180	20.00	ng	-0.01
86) Perylene-d12	24.80	264	961296	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1204809	151.01	ng	0.00
7) Phenol-d6	7.21	99	1544437	144.19	ng	0.00
23) Nitrobenzene-d5	9.20	82	808546	84.39	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	623509	163.50	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2109314	88.83	ng	0.00
78) Terphenyl-d14	19.98	244	2934353	71.18	ng	0.00
Target Compounds						
10) Phenol	7.23	94	61707	5.40	ng	# 74
49) Dimethylphthalate	14.10	163	171579	6.83	ng	# 95

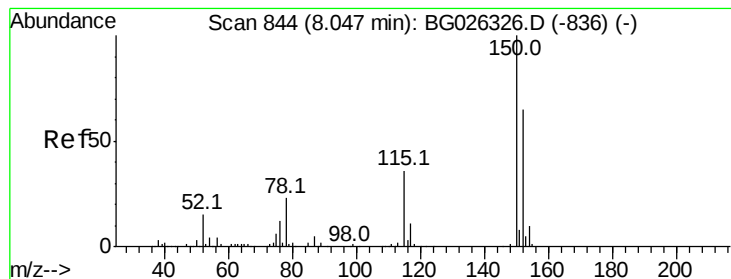
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG026392.D

Acq: 23 Mar 2017 1:52

Instrument :

BNA_G

ClientSampleId :

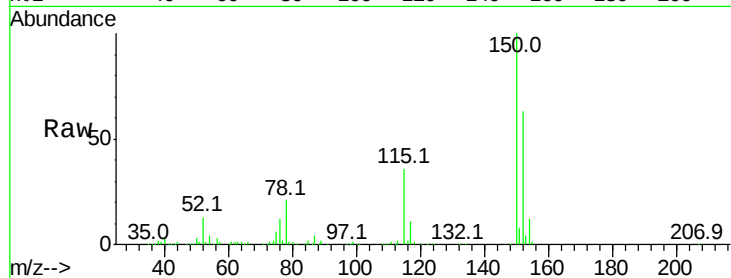
Tot Ion:152 Resp: 141606

Ion Ratio Lower Upper

152 100

150 158.2 114.0 171.0

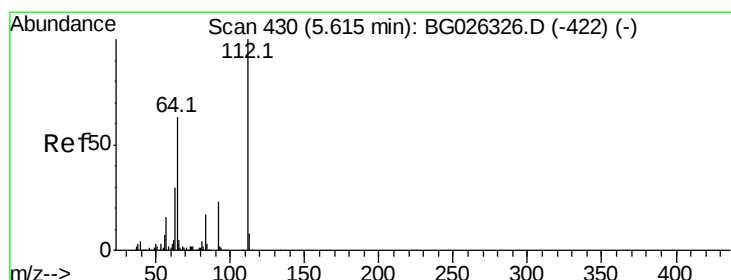
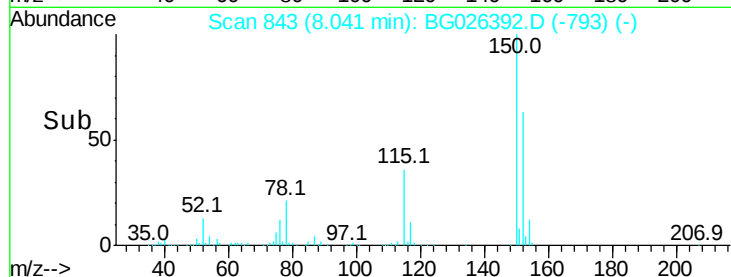
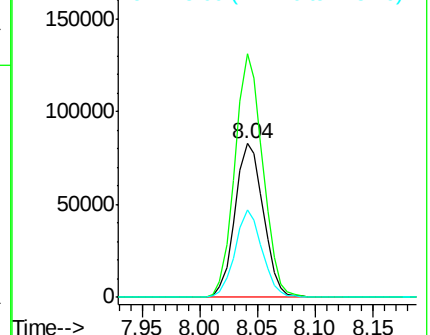
115 56.6 48.1 72.1



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: 151.01 ng

RT: 5.61 min Scan# 430

Delta R.T. -0.00 min

Lab File: BG026392.D

Acq: 23 Mar 2017 1:52

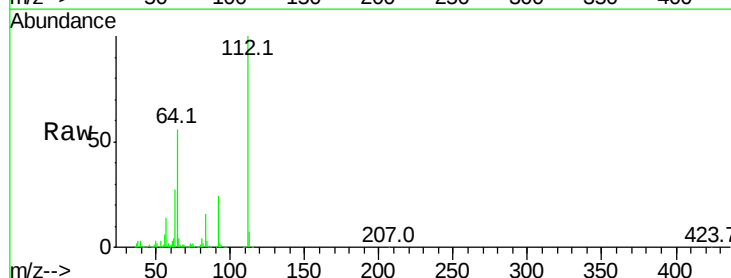
Tgt Ion:112 Resp: 1204809

Ion Ratio Lower Upper

112 100

64 55.6 61.8 92.6#

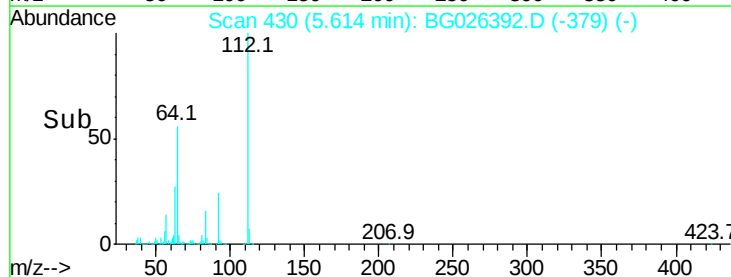
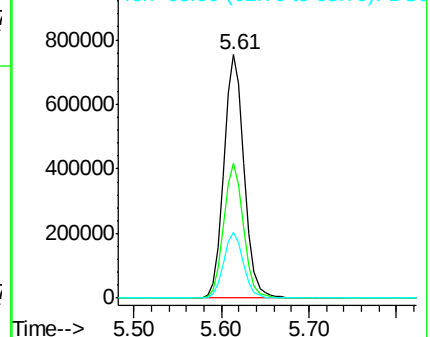
63 26.8 37.2 55.8#

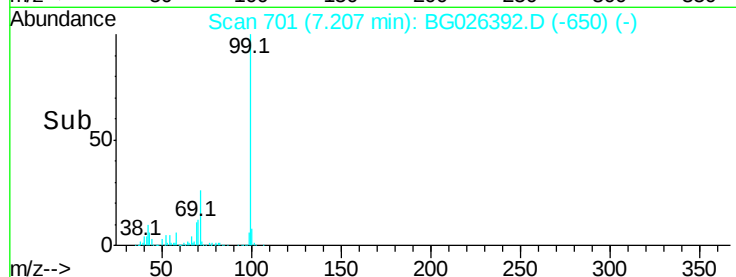
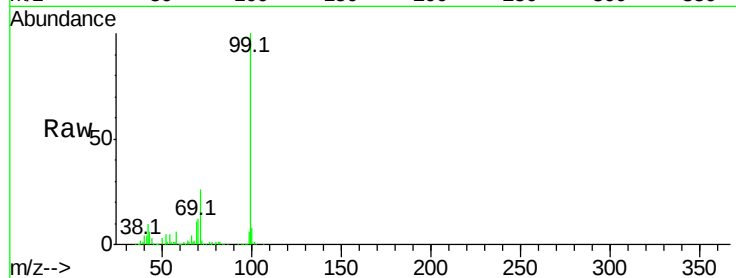
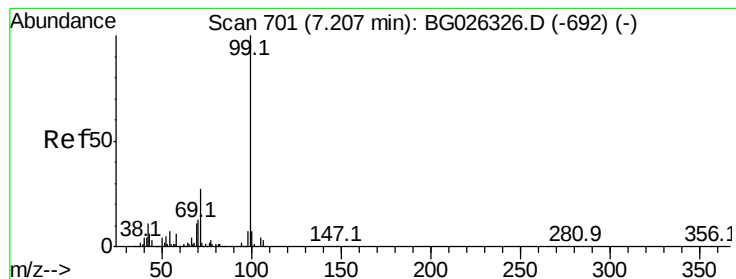


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 144.19 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG026392.D

Acq: 23 Mar 2017 1:52

Instrument :

BNA_G

ClientSampled :

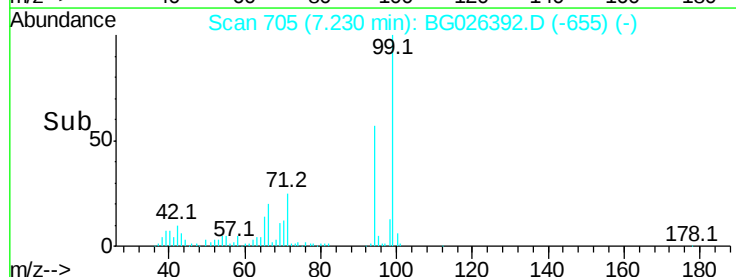
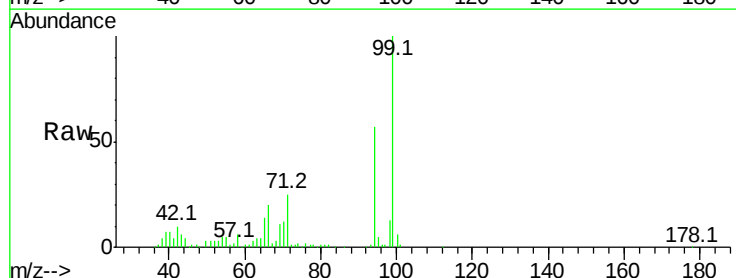
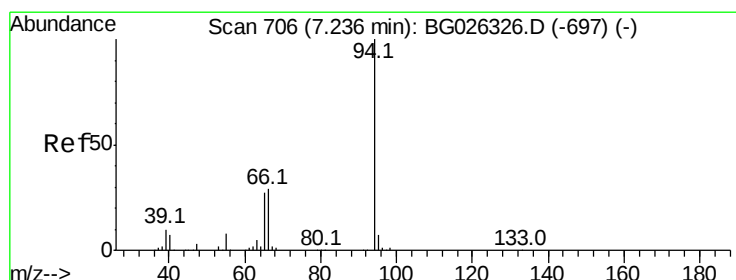
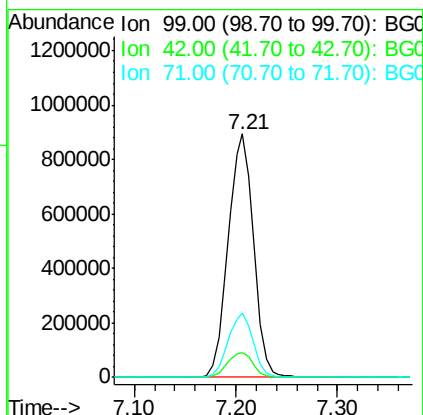
Tot Ion: 99 Resp: 1544437

Ion Ratio Lower Upper

99 100

42 10.3 20.5 30.7#

71 26.4 37.6 56.4#



#10

Phenol

Concen: 5.40 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG026392.D

Acq: 23 Mar 2017 1:52

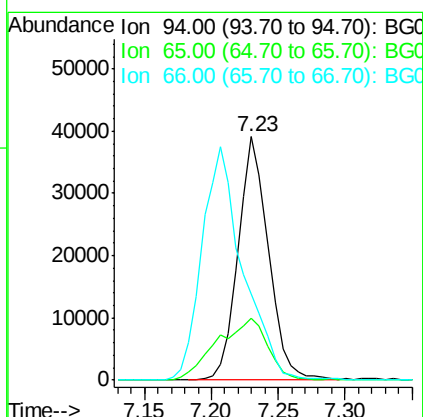
Tgt Ion: 94 Resp: 61707

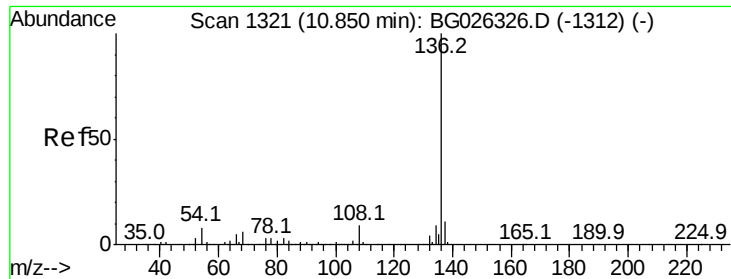
Ion Ratio Lower Upper

94 100

65 25.4 20.6 60.6

66 35.4 35.5 75.5#

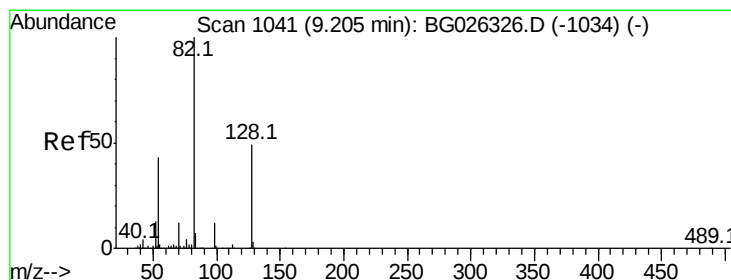
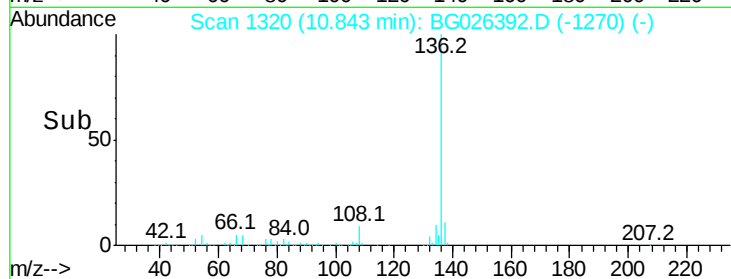
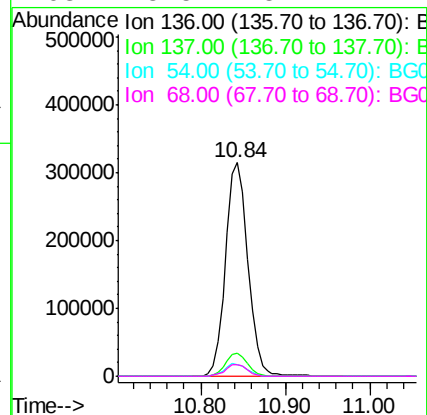
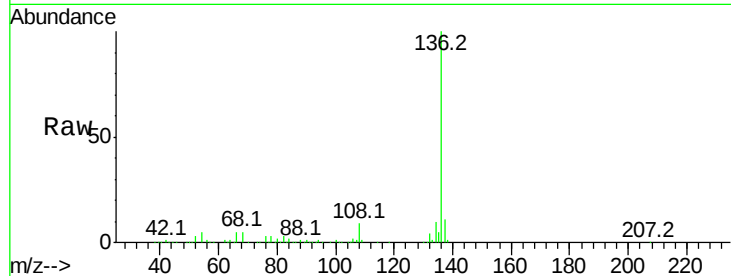




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG026392.D
Acq: 23 Mar 2017 1:52

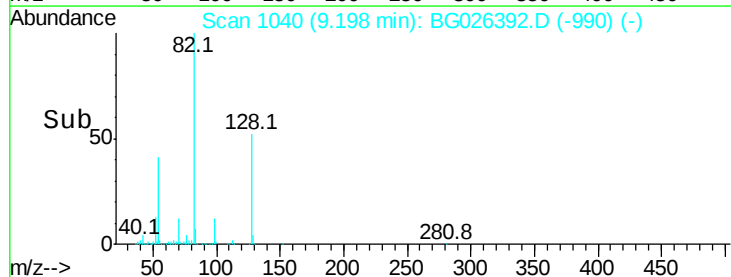
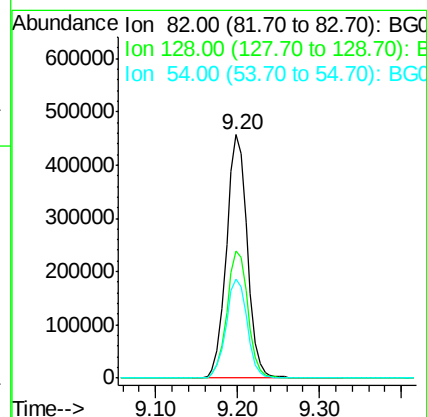
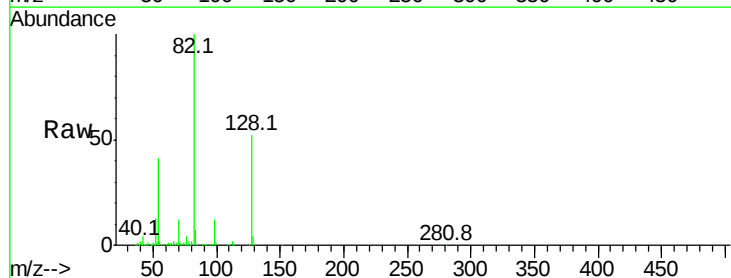
Instrument :
BNA_G
ClientSampleId :

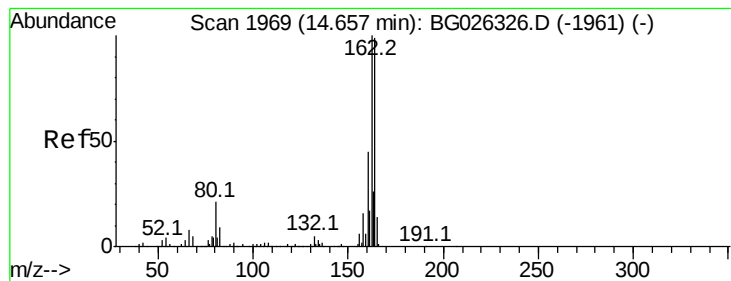
Tot Ion:136	Resp: 576093
Ion Ratio	Lower Upper
136 100	
137 10.6	8.9 13.3
54 5.4	9.3 13.9#
68 5.5	5.1 7.7



#23
Nitrobenzene-d5
Concen: 84.39 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG026392.D
Acq: 23 Mar 2017 1:52

Tgt Ion: 82	Resp: 808546
Ion Ratio	Lower Upper
82 100	
128 52.1	26.4 39.6#
54 40.8	49.4 74.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BG026392.D

Acq: 23 Mar 2017 1:52

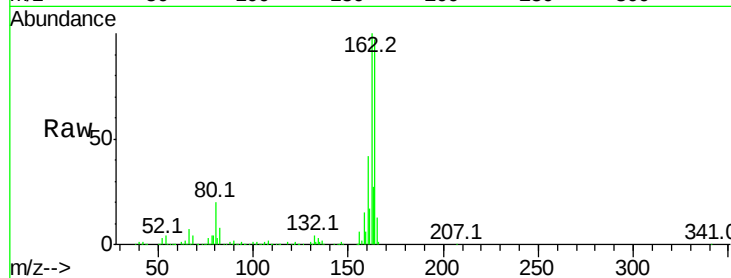
Instrument :

BNA_G

ClientSampled :

Tot Ion:164 Resp: 333007

Ion	Ratio	Lower	Upper
164	100		
162	103.3	85.1	127.7
160	43.8	34.7	52.1

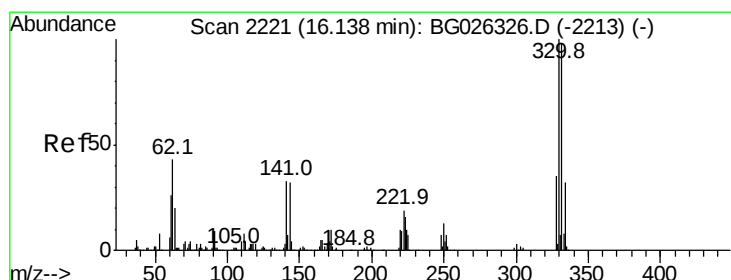
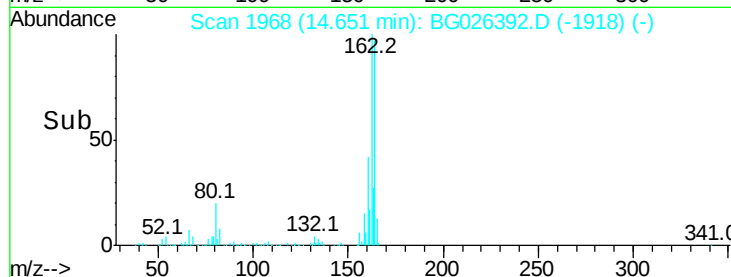
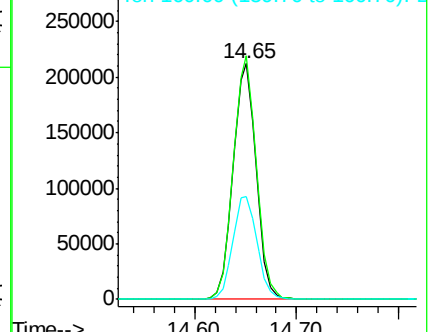


Abundance

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: 163.50 ng

RT: 16.13 min Scan# 2220

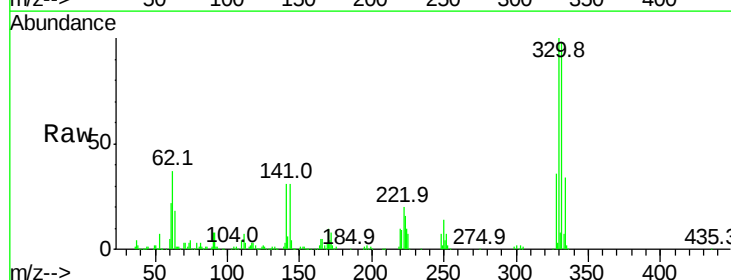
Delta R.T. -0.01 min

Lab File: BG026392.D

Acq: 23 Mar 2017 1:52

Tgt Ion:330 Resp: 623509

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	31.4	32.1	48.1#

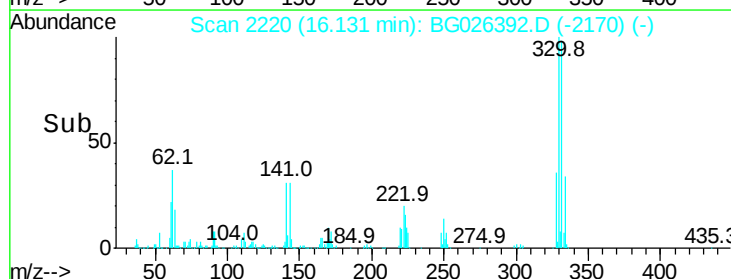
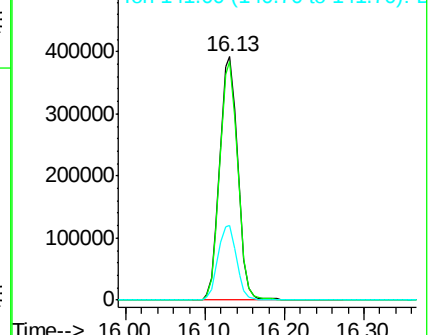


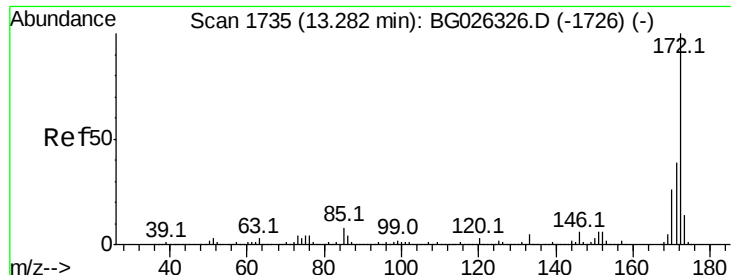
Abundance

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

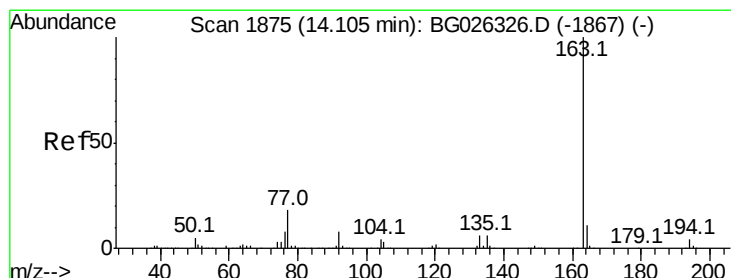
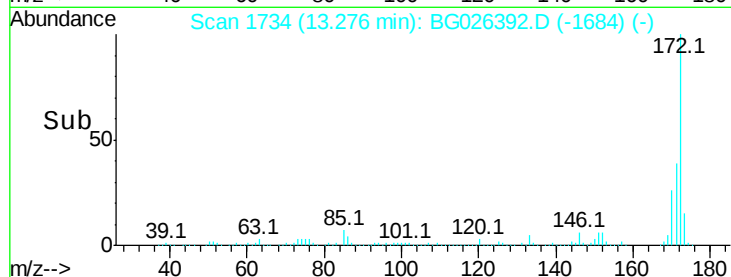
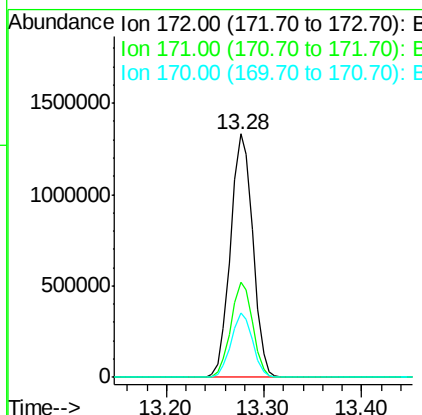
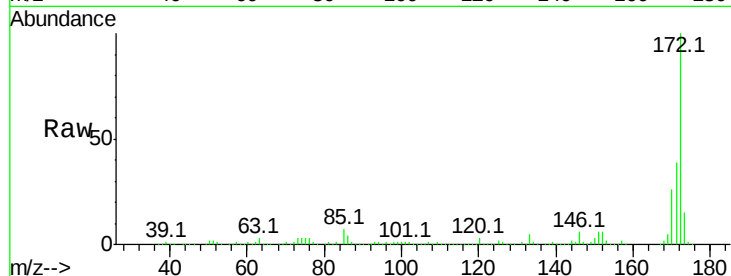




#44
2-Fluorobiphenyl
Concen: 88.83 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG026392.D
Acq: 23 Mar 2017 1:52

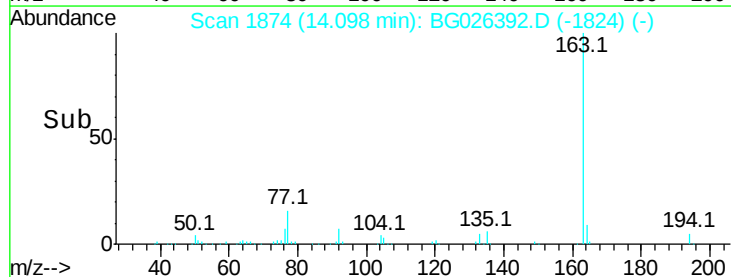
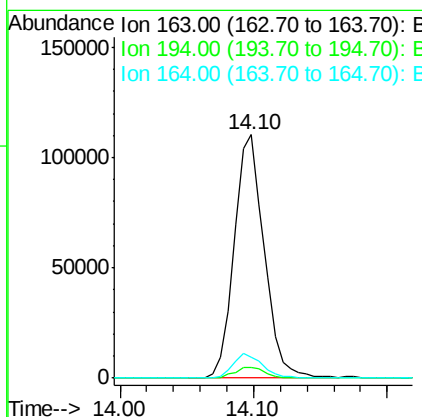
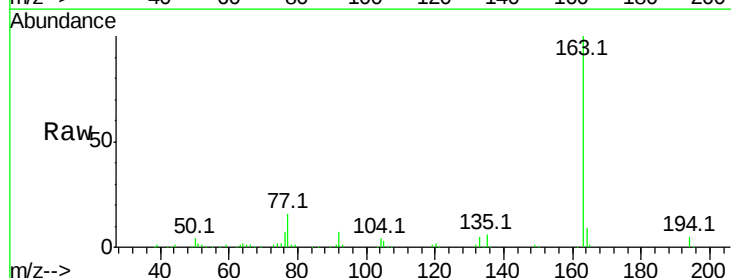
Instrument :
BNA_G
ClientSampleId :

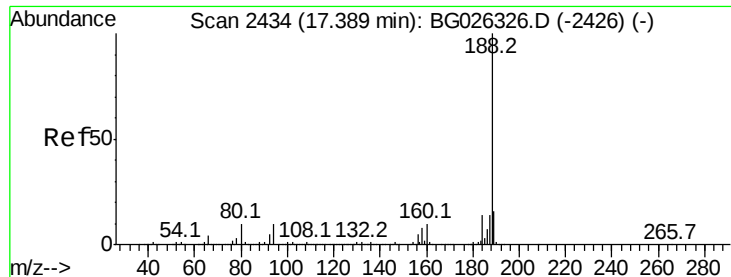
Tot Ion:172 Resp: 2109314
Ion Ratio Lower Upper
172 100
171 39.2 32.2 48.2
170 26.3 21.8 32.6



#49
Dimethylphthalate
Concen: 6.83 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG026392.D
Acq: 23 Mar 2017 1:52

Tgt Ion:163 Resp: 171579
Ion Ratio Lower Upper
163 100
194 4.6 3.8 5.6
164 8.8 9.3 13.9#

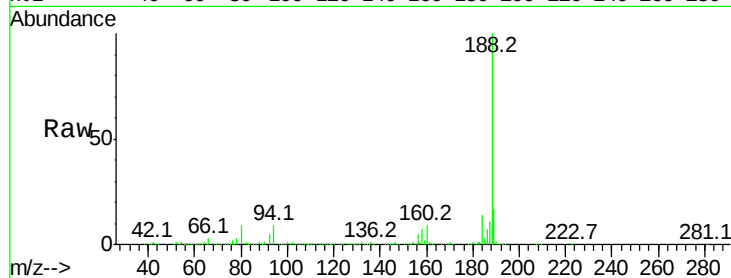




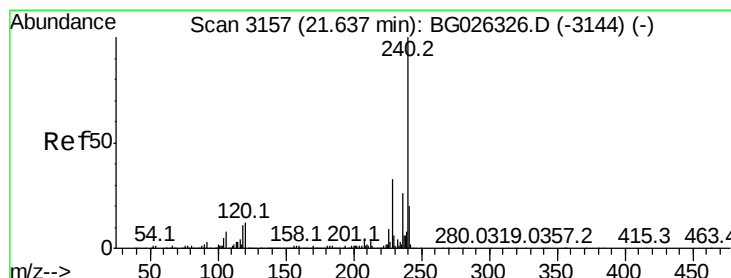
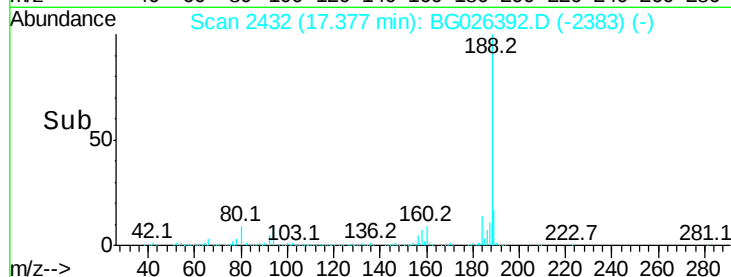
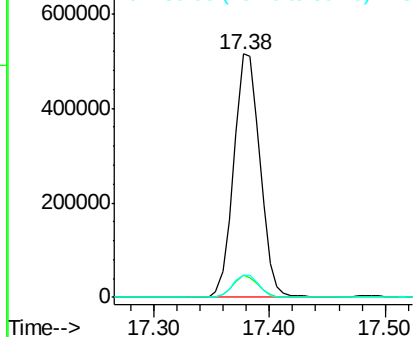
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG026392.D
Acq: 23 Mar 2017 1:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 808095
Ion Ratio Lower Upper
188 100
94 9.0 5.8 8.8#
80 9.3 7.5 11.3

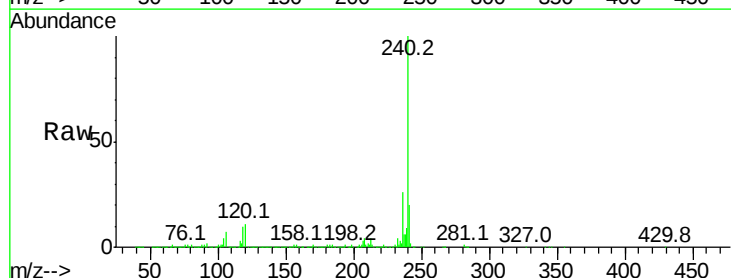


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

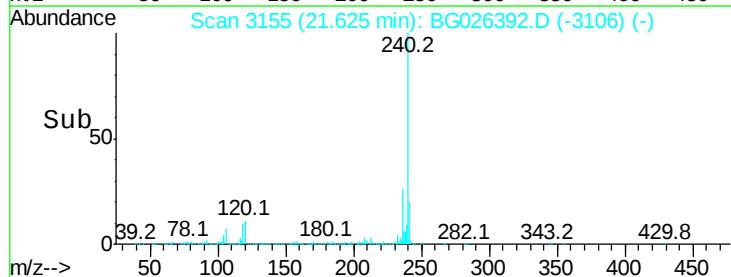
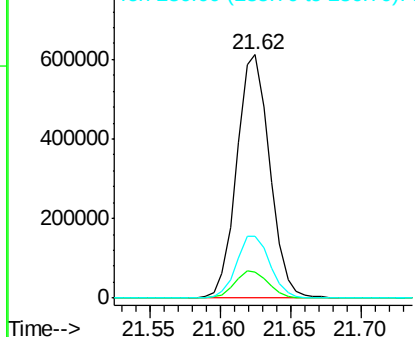


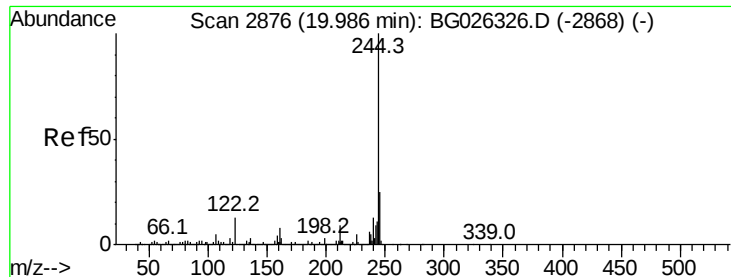
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG026392.D
Acq: 23 Mar 2017 1:52

Tgt Ion:240 Resp: 1001180
Ion Ratio Lower Upper
240 100
120 10.9 5.7 8.5#
236 25.6 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: 71.18 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026392.D

Acq: 23 Mar 2017 1:52

Instrument :

BNA_G

ClientSampled :

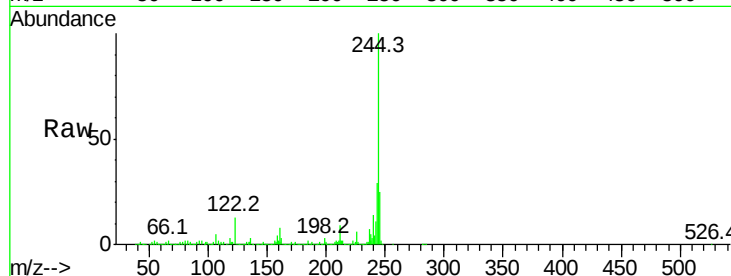
Tot Ion:244 Resp: 2934353

Ion Ratio Lower Upper

244 100

212 8.8 10.0 15.0#

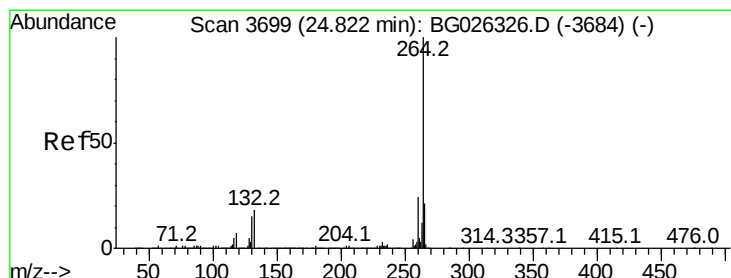
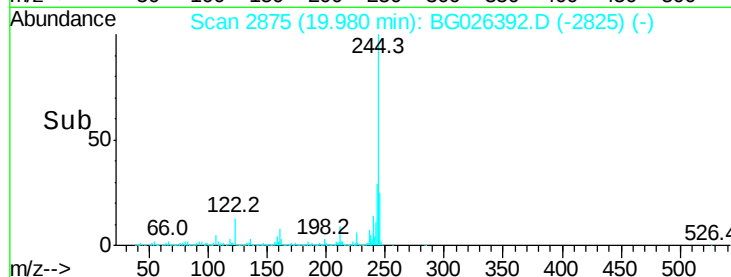
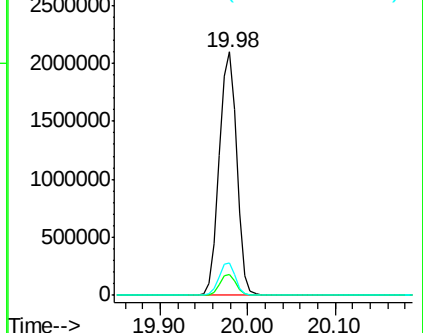
122 13.1 8.6 12.8#



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: 24.80 min Scan# 3696

Delta R.T. -0.02 min

Lab File: BG026392.D

Acq: 23 Mar 2017 1:52

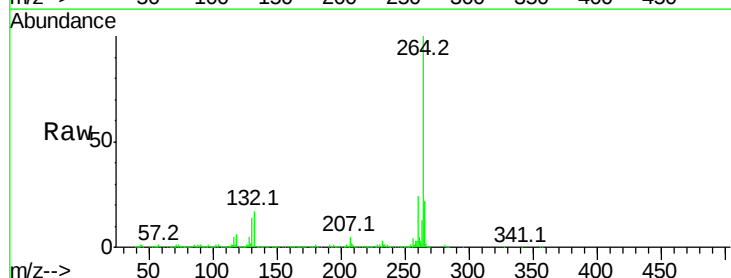
Tgt Ion:264 Resp: 961296

Ion Ratio Lower Upper

264 100

260 24.3 21.8 32.8

265 21.9 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

