

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
 Data File : BG032255.D
 Acq On : 24 Jan 2018 10:34
 Operator : SJ/JU
 Sample : J1250-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AB-12(0-2)

Quant Time: Jan 24 11:16:59 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 10:00:32 2018
 Response via : Initial Calibration

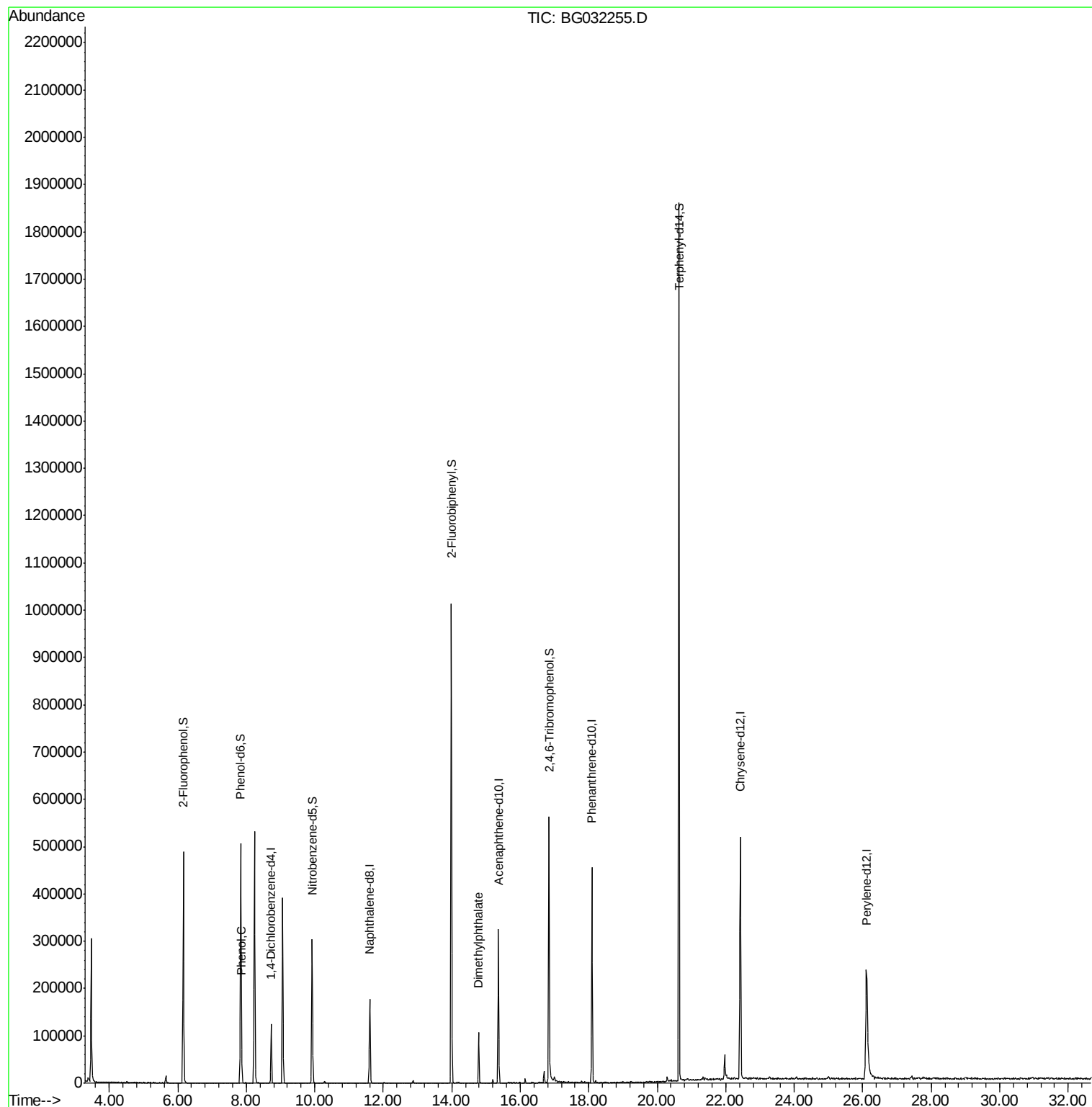
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	39892	20.00	ng	0.00
21) Naphthalene-d8	11.61	136	175582	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	121648	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	306156	20.00	ng	0.00
75) Chrysene-d12	22.42	240	396591	20.00	ng	0.00
86) Perylene-d12	26.12	264	402832	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	246385	112.96	ng	0.00
7) Phenol-d6	7.84	99	314363	114.44	ng	0.00
23) Nitrobenzene-d5	9.92	82	189747	73.11	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	138232	68.67	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	587980	59.93	ng	0.00
78) Terphenyl-d14	20.63	244	996433	55.48	ng	0.00
Target Compounds						
10) Phenol	7.86	94	15346	5.671	ng	89
49) Dimethylphthalate	14.79	163	80192	7.533	ng	99

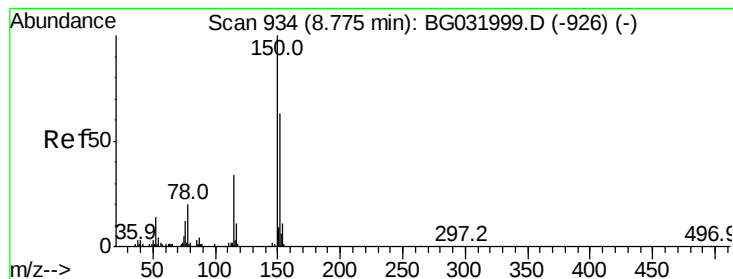
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.73 min Scan# 926

Delta R.T. -0.00 min

Lab File: BG032255.D

Acq: 24 Jan 2018 10:34

Instrument :

BNA_G

ClientSampleId :

AB-12(0-2)

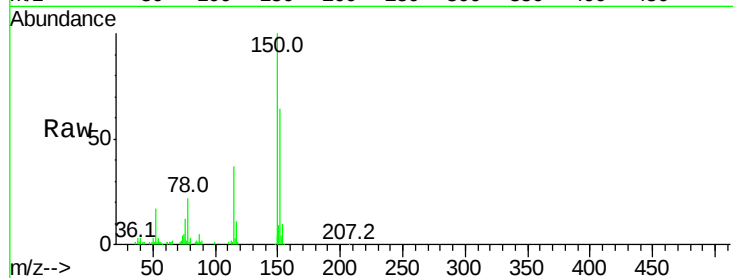
Tot Ion:152 Resp: 39892

Ion Ratio Lower Upper

152 100

150 157.2 126.6 189.8

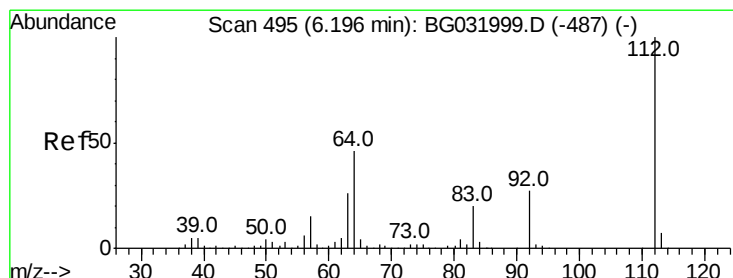
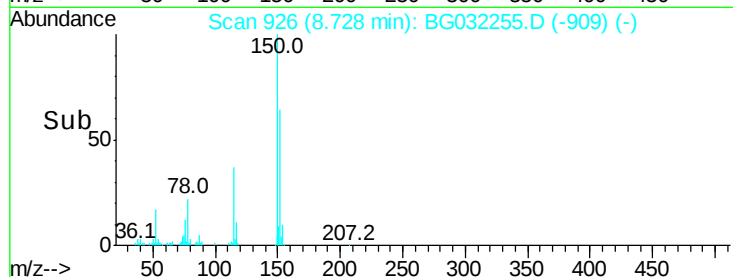
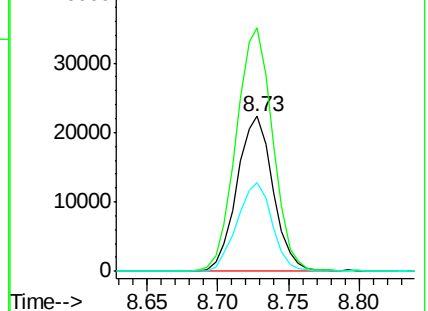
115 57.7 53.0 79.4



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: 112.960 ng

RT: 6.16 min Scan# 489

Delta R.T. 0.00 min

Lab File: BG032255.D

Acq: 24 Jan 2018 10:34

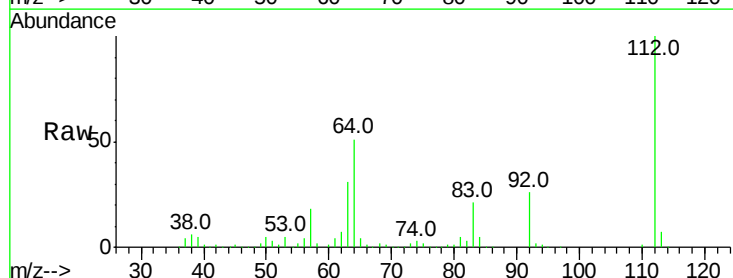
Tgt Ion:112 Resp: 246385

Ion Ratio Lower Upper

112 100

64 51.2 56.3 84.5#

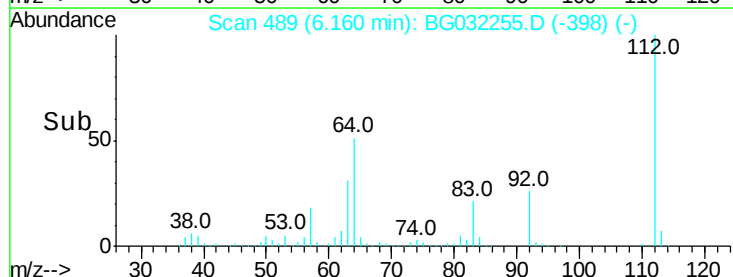
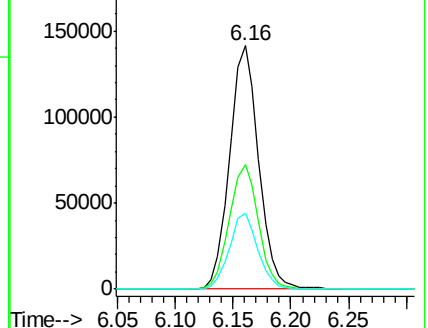
63 31.0 30.1 45.1

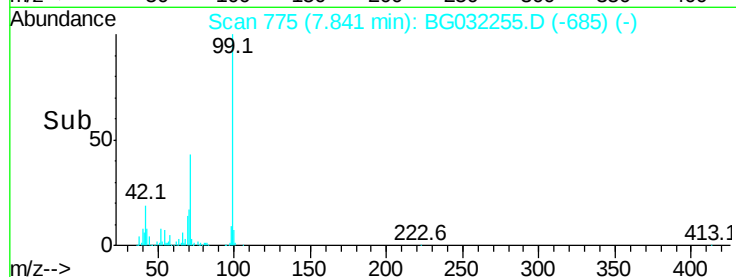
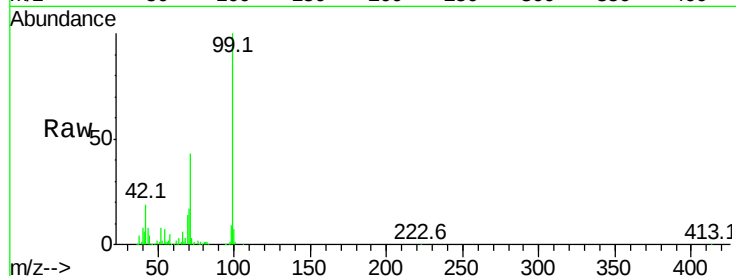
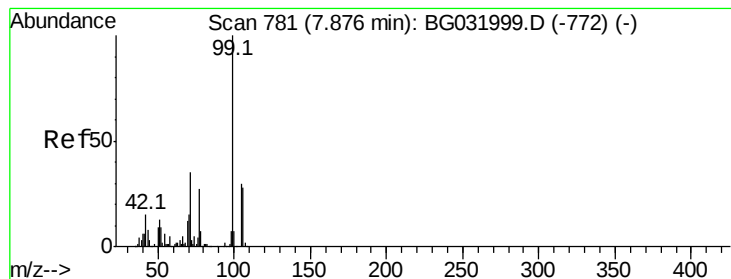


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 114.437 ng

RT: 7.84 min Scan# 775

Delta R.T. -0.00 min

Lab File: BG032255.D

Acq: 24 Jan 2018 10:34

Instrument :

BNA_G

ClientSampleId :

AB-12(0-2)

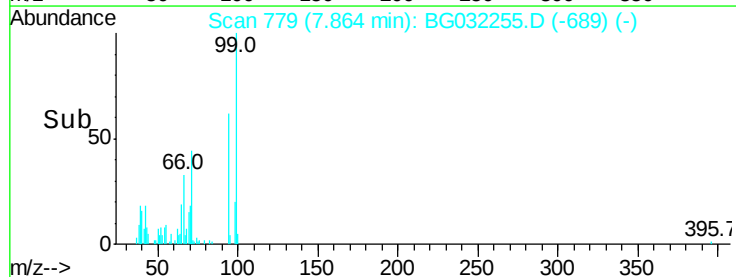
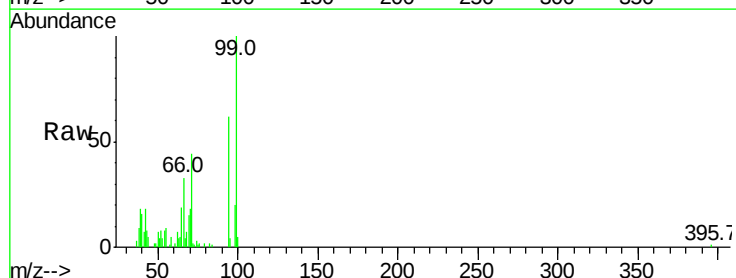
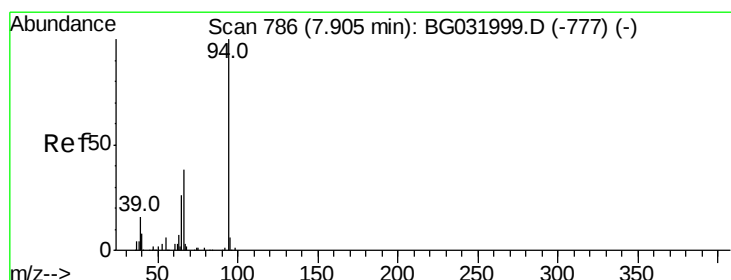
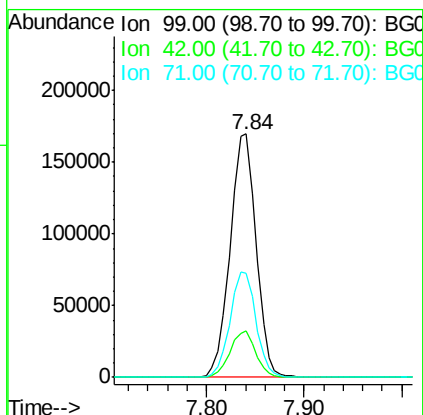
Tot Ion: 99 Resp: 314363

Ion Ratio Lower Upper

99 100

42 19.0 14.1 21.1

71 42.6 26.1 39.1#



#10

Phenol

Concen: 5.671 ng

RT: 7.86 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG032255.D

Acq: 24 Jan 2018 10:34

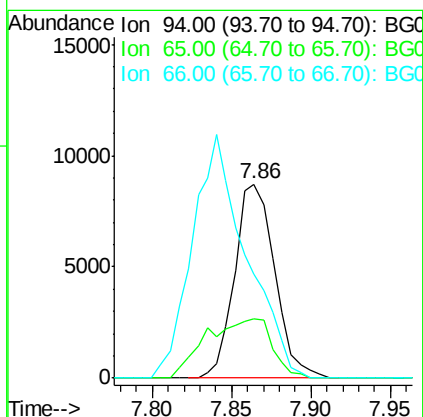
Tgt Ion: 94 Resp: 15346

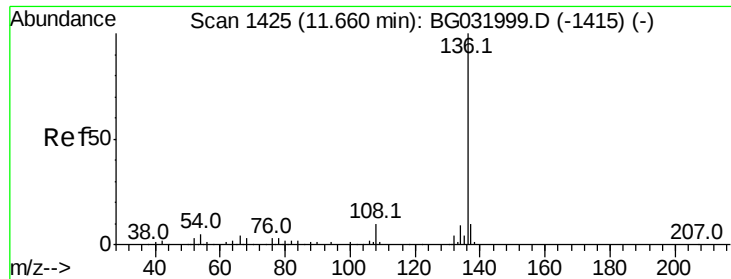
Ion Ratio Lower Upper

94 100

65 30.8 11.9 51.9

66 53.5 22.2 62.2

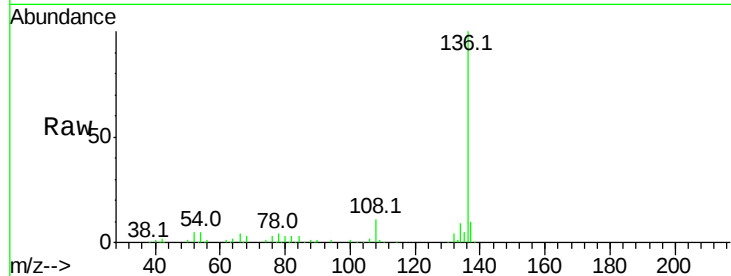




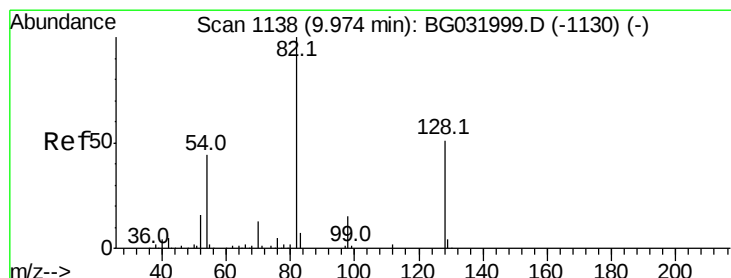
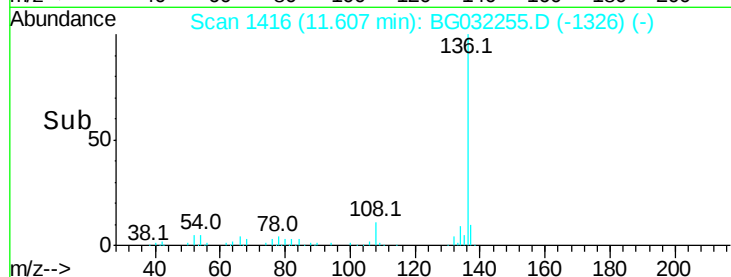
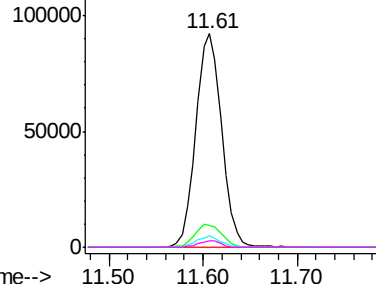
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.61 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BG032255.D
Acq: 24 Jan 2018 10:34

Instrument :
BNA_G
ClientSampleId :
AB-12(0-2)

Tot Ion:136	Resp:	175582
Ion Ratio	Lower	Upper
136	100	
137	10.3	9.2 13.8
54	5.2	10.3 15.5#
68	2.8	4.5 6.7#

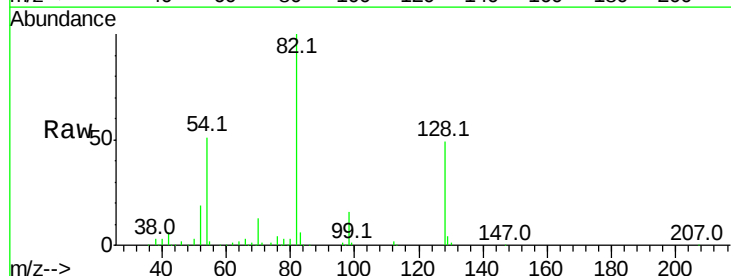


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

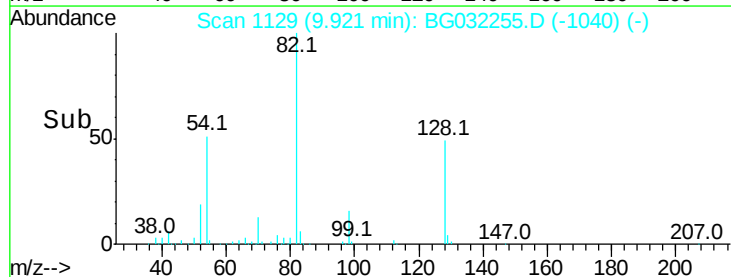
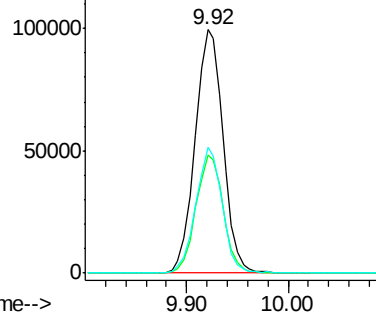


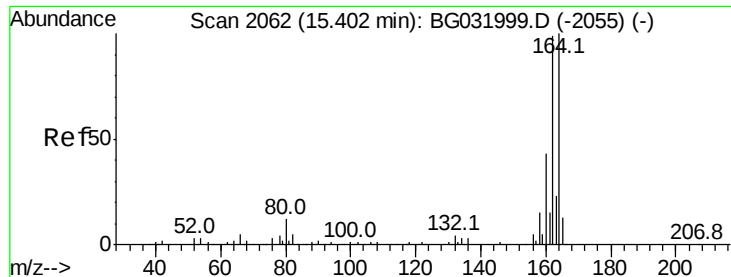
#23
Nitrobenzene-d5
Concen: 73.112 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BG032255.D
Acq: 24 Jan 2018 10:34

Tgt Ion: 82	Resp:	189747
Ion Ratio	Lower	Upper
82	100	
128	48.8	29.7 44.5#
54	51.5	43.1 64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2055

Delta R.T. -0.00 min

Lab File: BG032255.D

Acq: 24 Jan 2018 10:34

Instrument :

BNA_G

ClientSampleId :

AB-12(0-2)

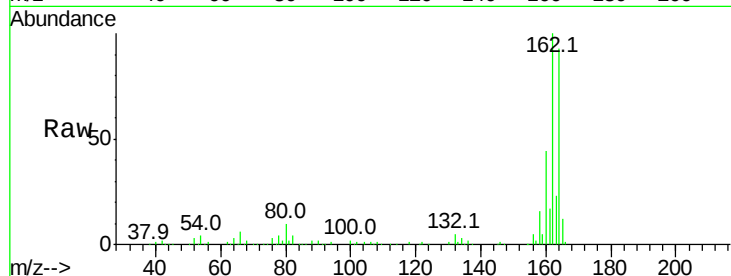
Tot Ion:164 Resp: 121648

Ion Ratio Lower Upper

164 100

162 107.3 78.8 118.2

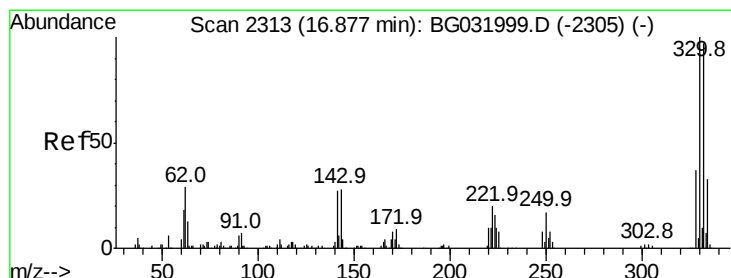
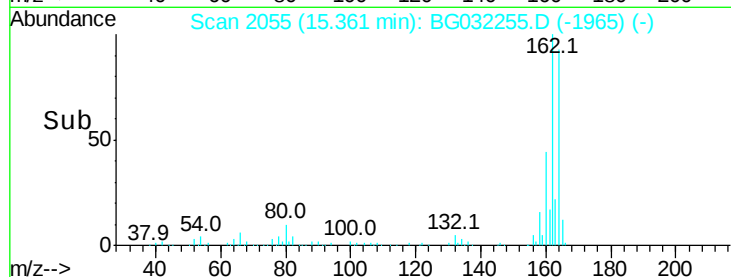
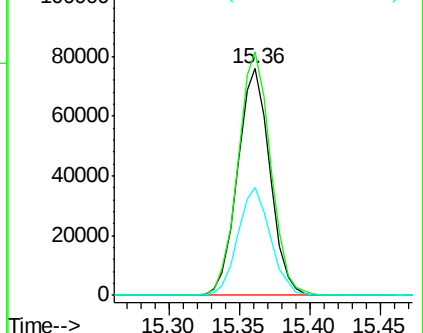
160 47.7 35.4 53.0



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: 68.670 ng

RT: 16.84 min Scan# 2306

Delta R.T. -0.00 min

Lab File: BG032255.D

Acq: 24 Jan 2018 10:34

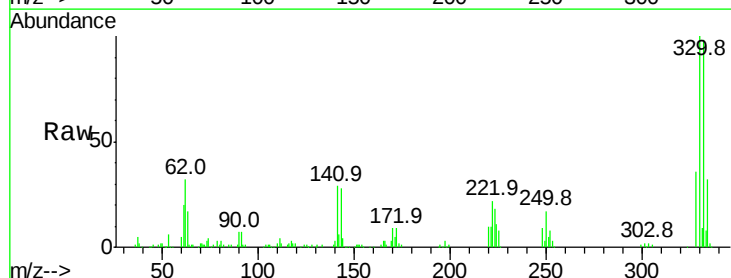
Tgt Ion:330 Resp: 138232

Ion Ratio Lower Upper

330 100

332 99.9 77.0 115.6

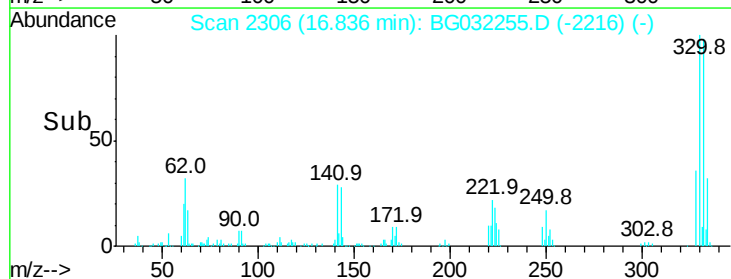
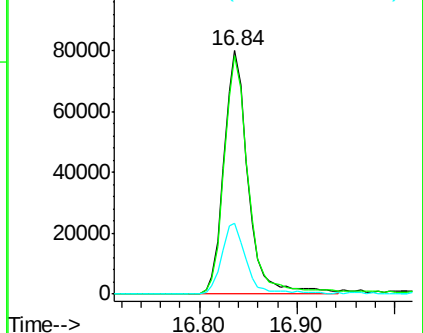
141 28.4 25.2 37.8

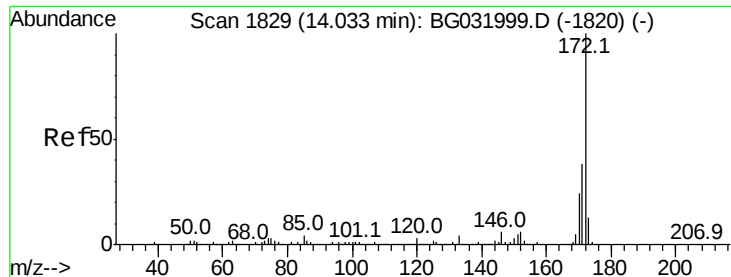


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

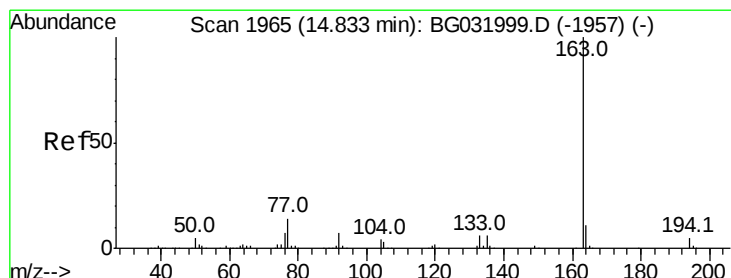
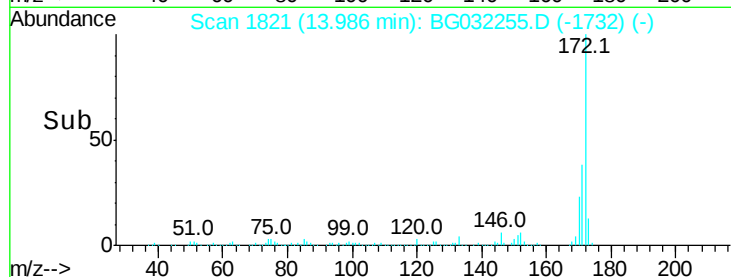
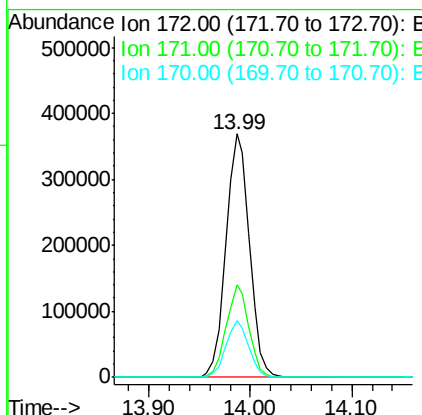
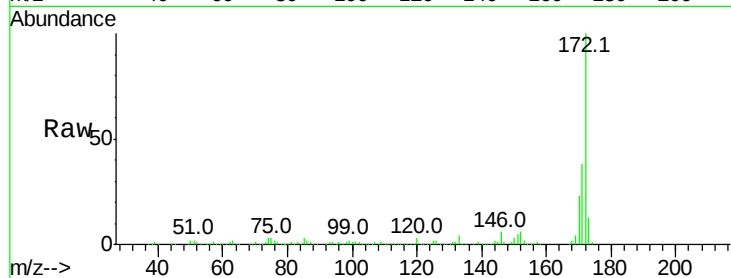




#44
2-Fluorobiphenyl
Concen: 59.932 ng
RT: 13.99 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BG032255.D
Acq: 24 Jan 2018 10:34

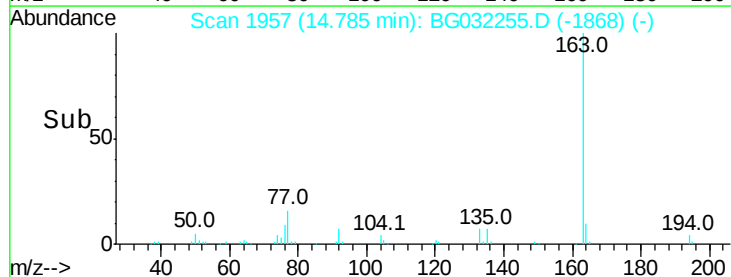
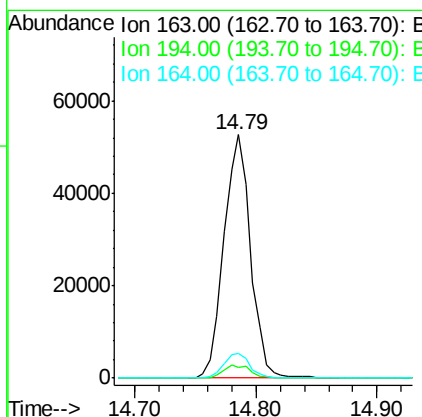
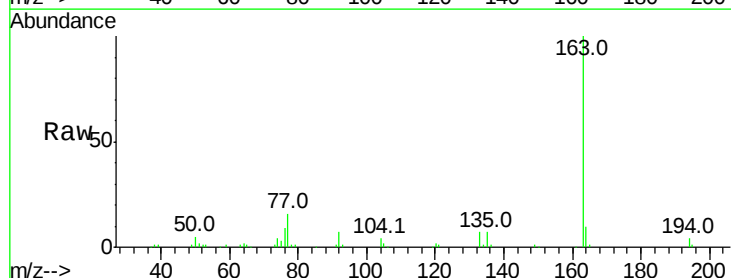
Instrument :
BNA_G
ClientSampleId :
AB-12(0-2)

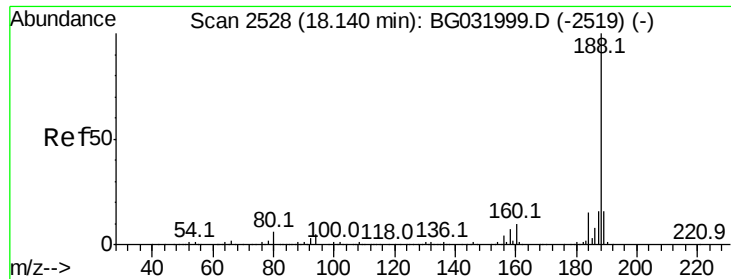
Tot Ion:172 Resp: 587980
Ion Ratio Lower Upper
172 100
171 38.0 30.0 45.0
170 23.5 19.5 29.3



#49
Dimethylphthalate
Concen: 7.533 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG032255.D
Acq: 24 Jan 2018 10:34

Tgt Ion:163 Resp: 80192
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.0 8.2 12.4

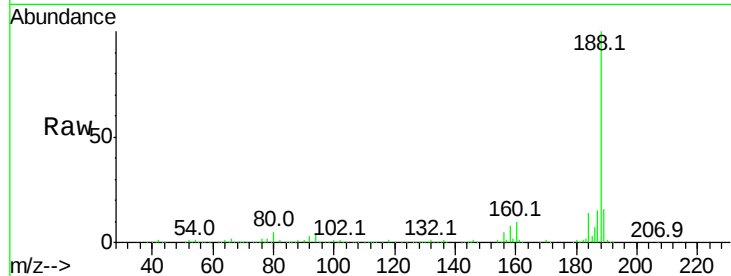




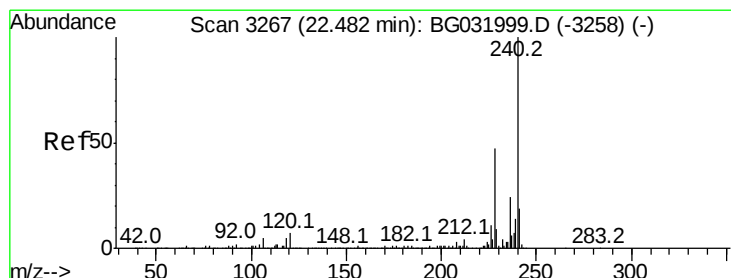
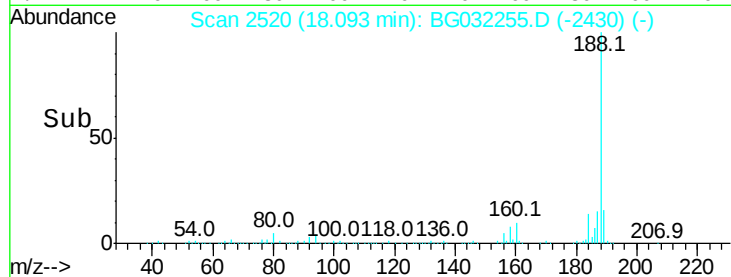
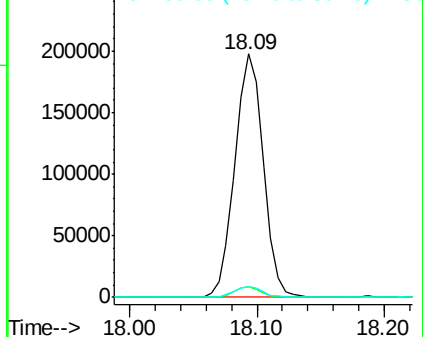
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2520
Delta R.T. -0.00 min
Lab File: BG032255.D
Acq: 24 Jan 2018 10:34

Instrument :
BNA_G
ClientSampleId :
AB-12(0-2)

Tot Ion:188 Resp: 306156
Ion Ratio Lower Upper
188 100
94 4.3 6.9 10.3#
80 4.6 7.7 11.5#

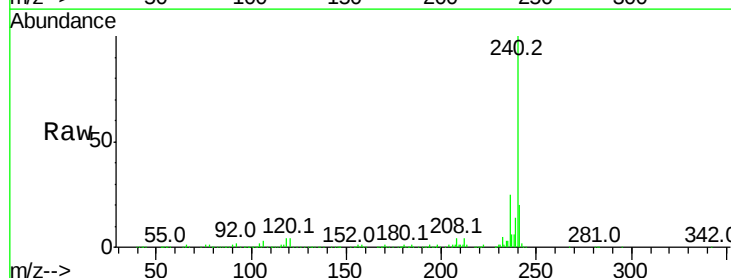


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

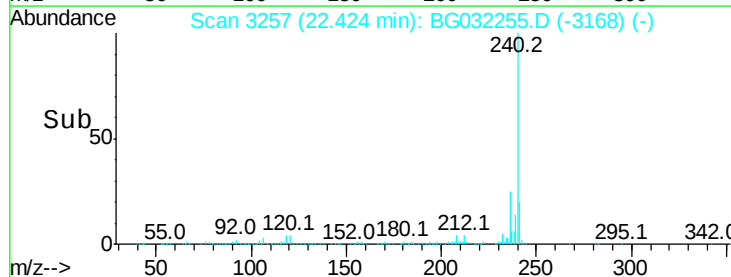
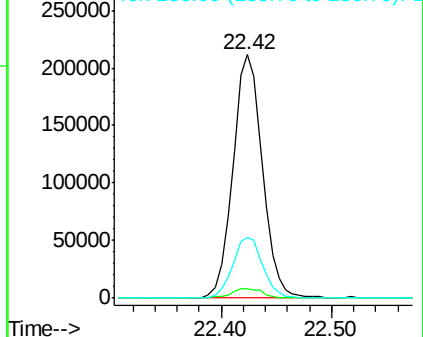


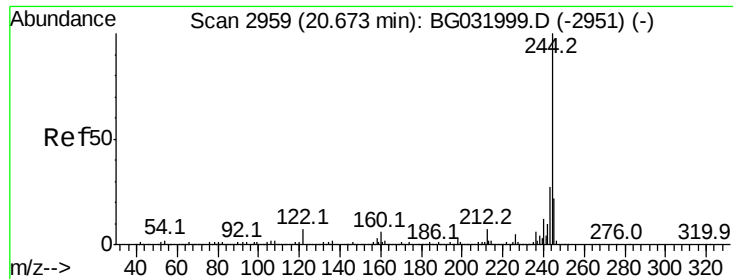
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3257
Delta R.T. -0.01 min
Lab File: BG032255.D
Acq: 24 Jan 2018 10:34

Tgt Ion:240 Resp: 396591
Ion Ratio Lower Upper
240 100
120 4.1 6.8 10.2#
236 24.9 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: 55.477 ng

RT: 20.63 min Scan# 2952

Delta R.T. -0.00 min

Lab File: BG032255.D

Acq: 24 Jan 2018 10:34

Instrument :

BNA_G

ClientSampleId :

AB-12(0-2)

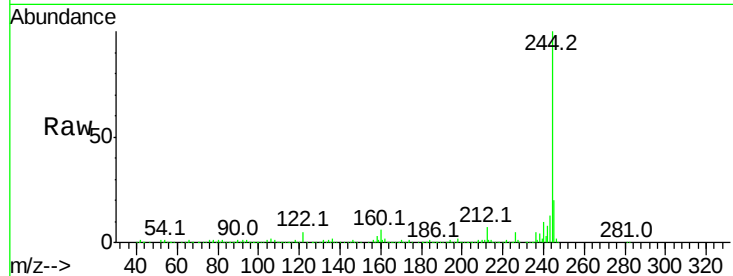
Tot Ion:244 Resp: 996433

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 5.3 7.0 10.4#

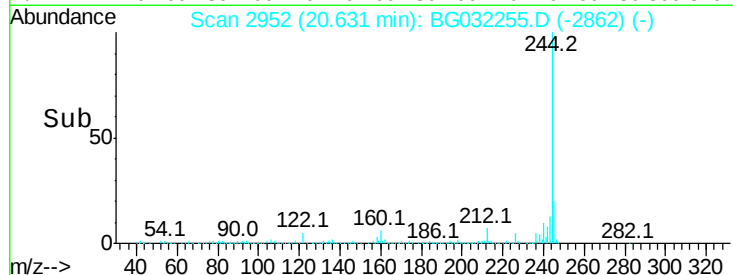


Abundance Ion 244.00 (243.70 to 244.70): E

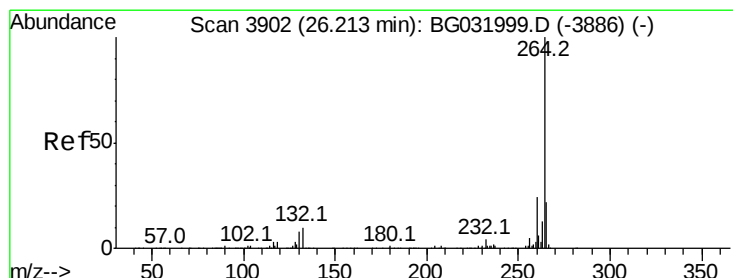
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.63



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.12 min Scan# 3886

Delta R.T. -0.00 min

Lab File: BG032255.D

Acq: 24 Jan 2018 10:34

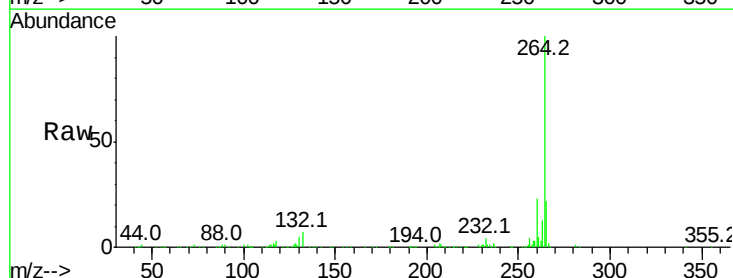
Tgt Ion:264 Resp: 402832

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 21.9 17.7 26.5

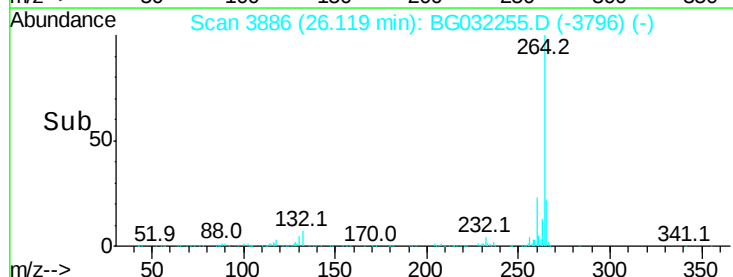


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

26.12



Time-->