

Data File : BG026002.D
Acq On : 28 Feb 2017 18:19
Operator : SJ/MA
Sample : I2006-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C19013051

Quant Time: Mar 01 00:46:29 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	8.08	152	94535	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	441617	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	300159	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	779262	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	785864	20.00	ng	-0.02
86) Perylene-d12	24.86	264	754279	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	447610	82.43	ng	-0.01
7) Phenol-d6	7.23	99	407839	50.76	ng	0.00
23) Nitrobenzene-d5	9.23	82	739926	105.74	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	588839	212.34	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1919590	111.75	ng	-0.01
78) Terphenyl-d14	20.00	244	2805171	86.82	ng	-0.02
Target Compounds						
18) Hexachloroethane	9.19	117	5182	2.07	ng	# 24
35) Caprolactam	11.76	113	62349	24.49	ng	# 74

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

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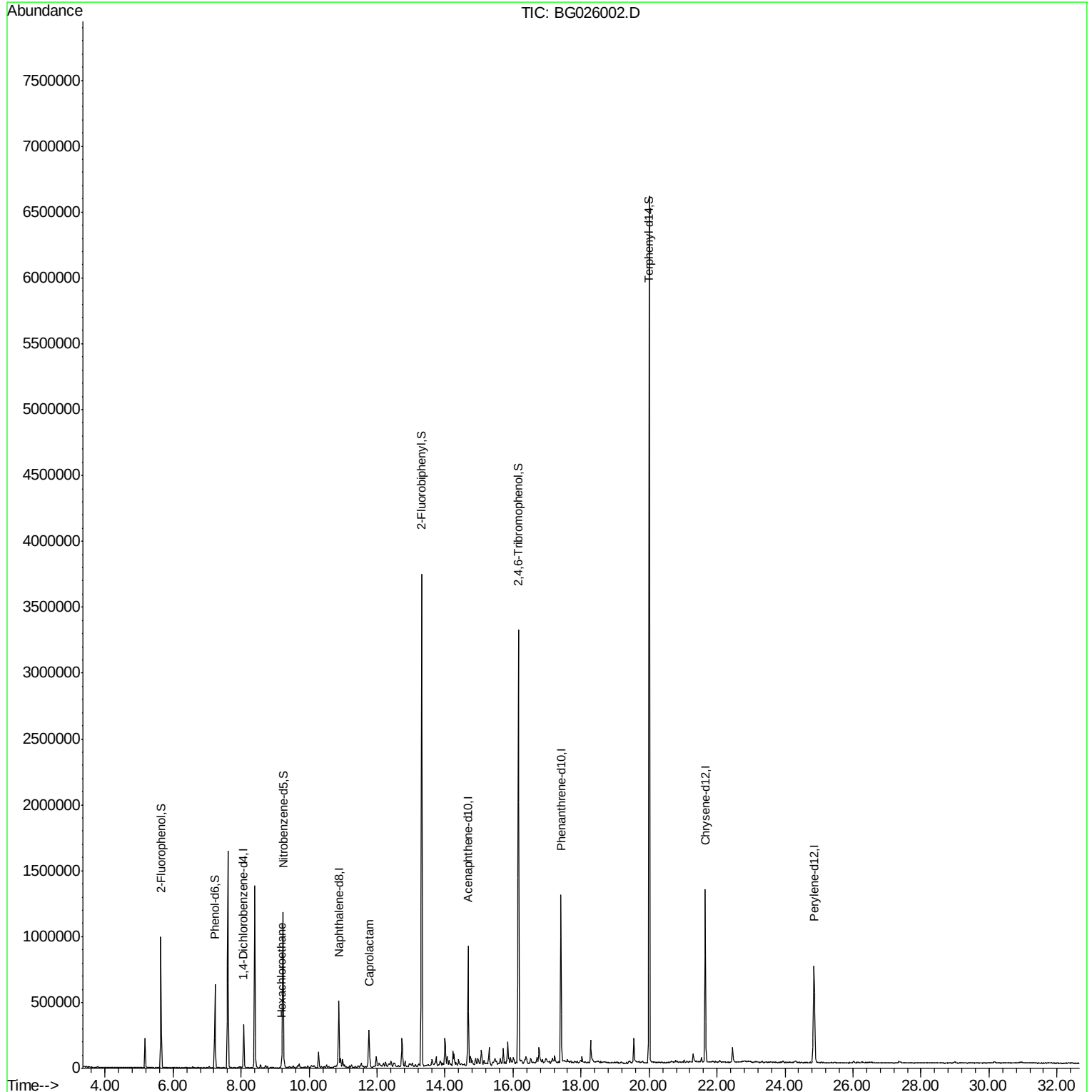
Quant Time: Mar 01 00:46:29 2017

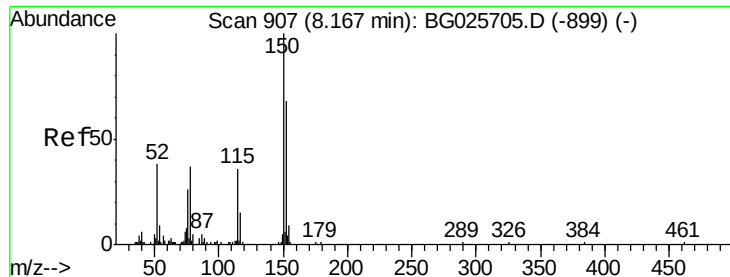
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 806

Delta R.T. -0.01 min

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C19013051

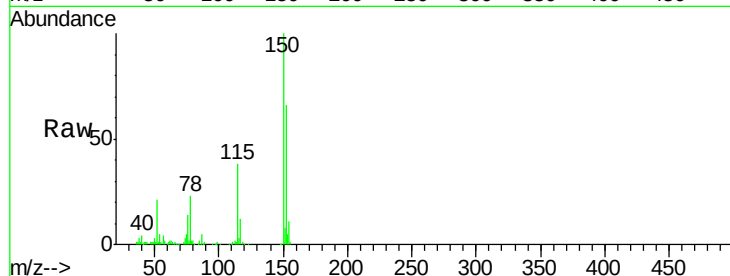
Tgt Ion:152 Resp: 94535

Ion Ratio Lower Upper

152 100

150 151.9 114.0 171.0

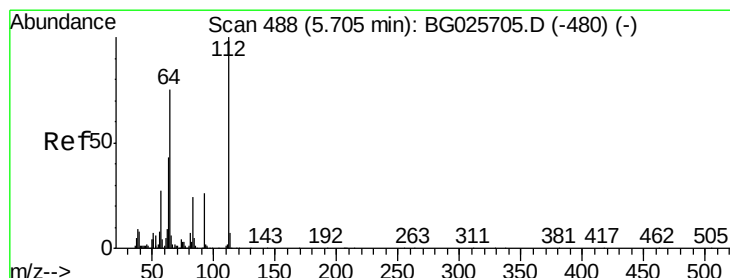
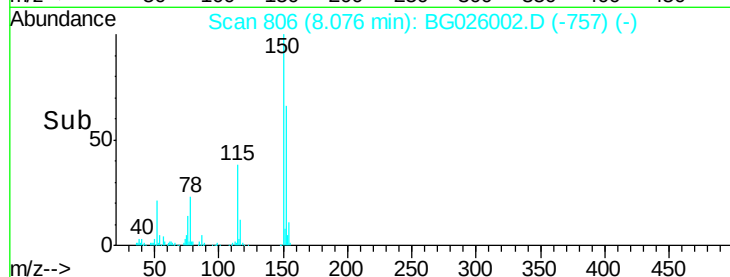
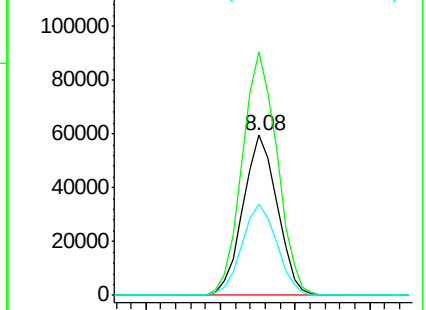
115 57.3 48.1 72.1



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: 82.43 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG026002.D

Acq: 28 Feb 2017 18:19

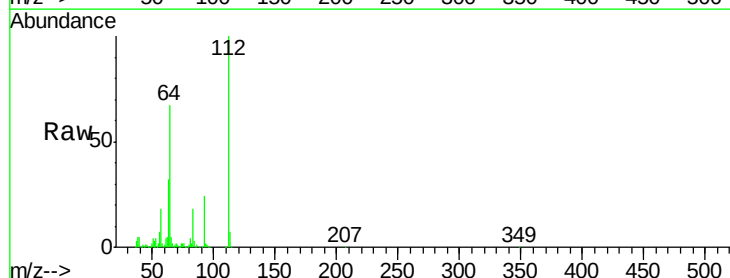
Tgt Ion:112 Resp: 447610

Ion Ratio Lower Upper

112 100

64 66.7 61.8 92.6

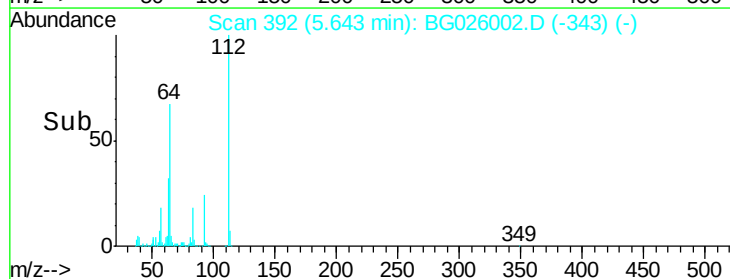
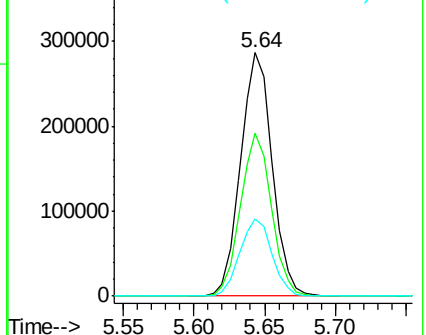
63 31.7 37.2 55.8#

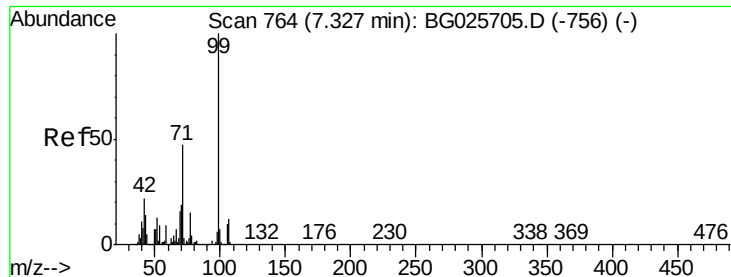


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 50.76 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

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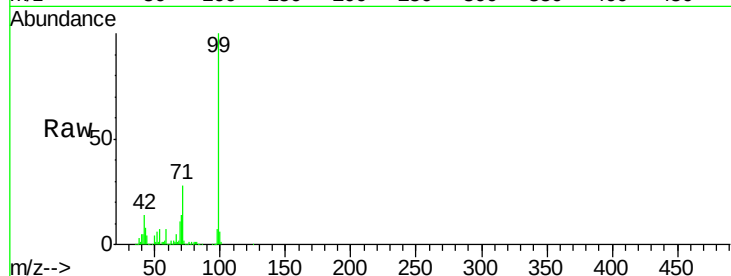
Tgt Ion: 99 Resp: 407839

Ion Ratio Lower Upper

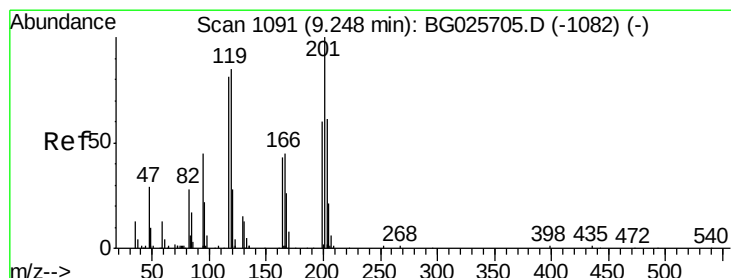
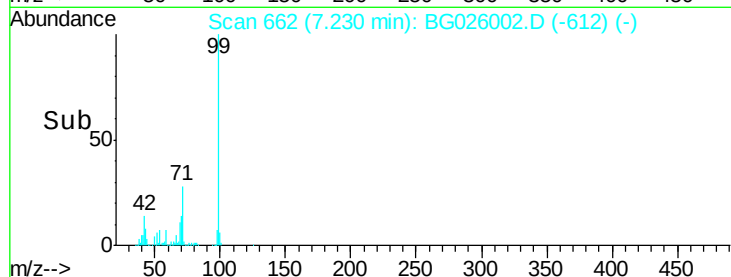
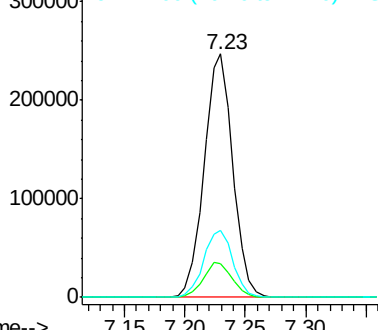
99 100

42 14.0 20.5 30.7#

71 27.7 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



#18

Hexachloroethane

Concen: 2.07 ng

RT: 9.19 min Scan# 996

Delta R.T. 0.01 min

Lab File: BG026002.D

Acq: 28 Feb 2017 18:19

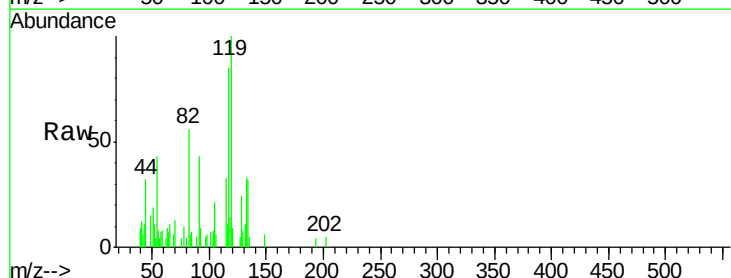
Tgt Ion: 117 Resp: 5182

Ion Ratio Lower Upper

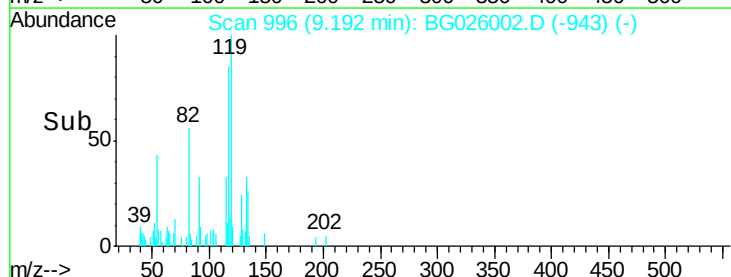
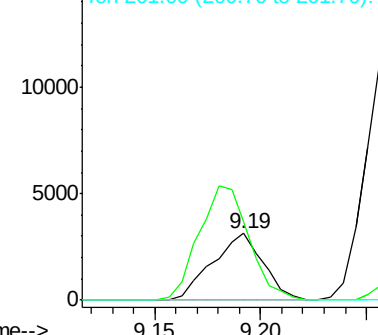
117 100

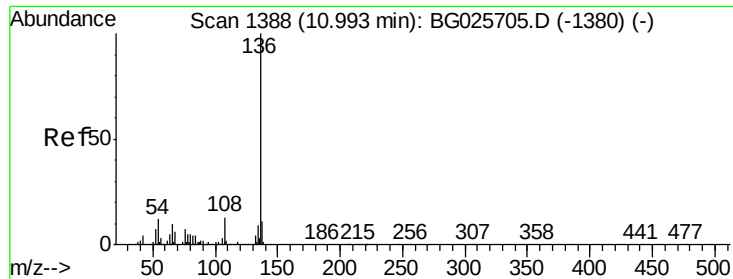
119 118.2 69.8 104.6#

201 0.0 95.4 143.0#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

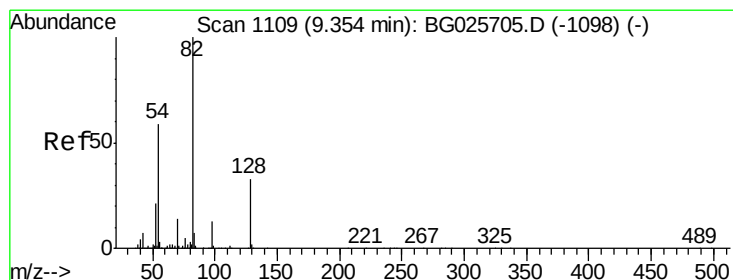
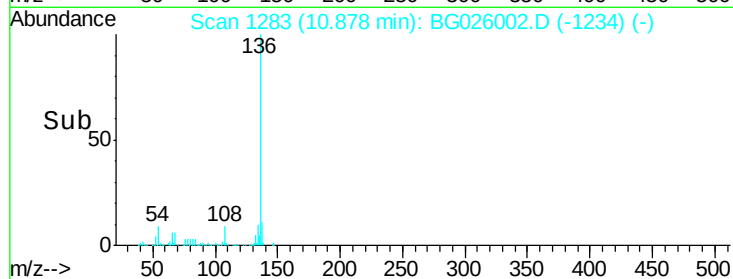
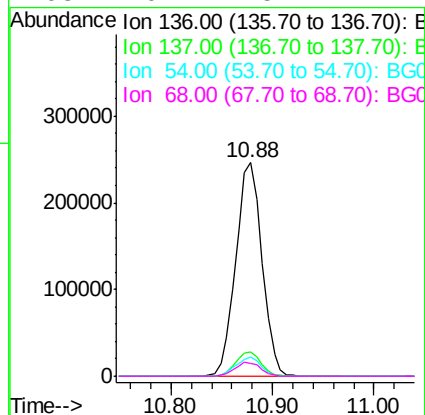
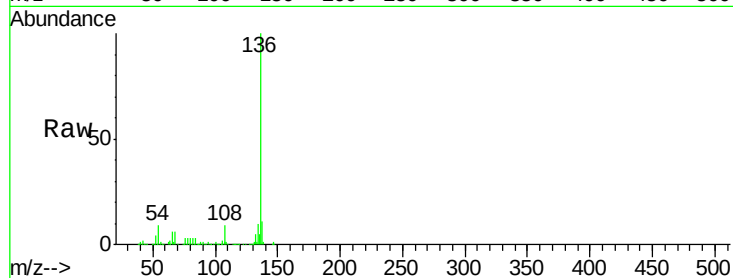




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG026002.D
Acq: 28 Feb 2017 18:19

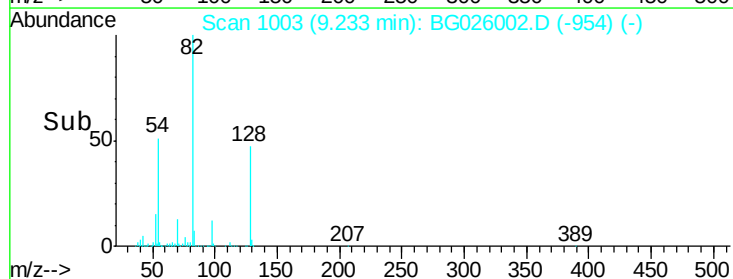
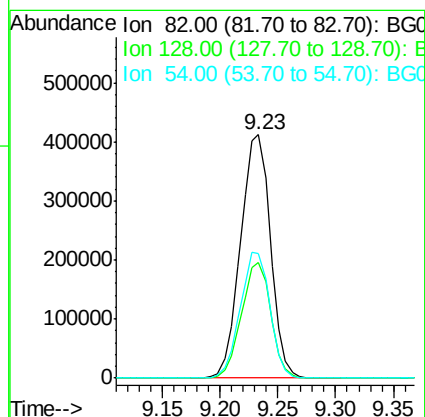
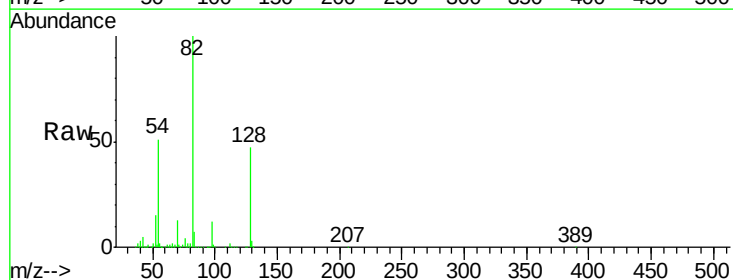
Instrument :
BNA_G
ClientSampleId :
C19013051

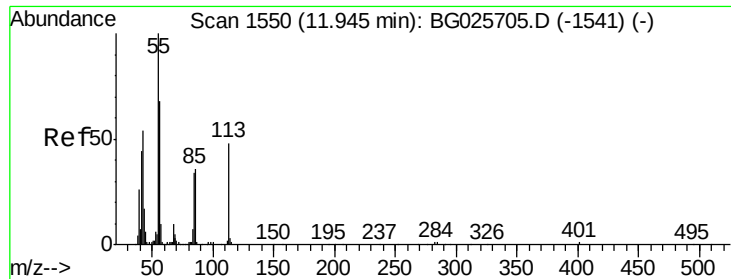
Tgt Ion:	136	Resp:	441617
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.7	9.3	13.9#
68	6.2	5.1	7.7



#23
Nitrobenzene-d5
Concen: 105.74 ng
RT: 9.23 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG026002.D
Acq: 28 Feb 2017 18:19

Tgt Ion:	82	Resp:	739926
Ion	Ratio	Lower	Upper
82	100		
128	47.5	26.4	39.6#
54	51.4	49.4	74.2

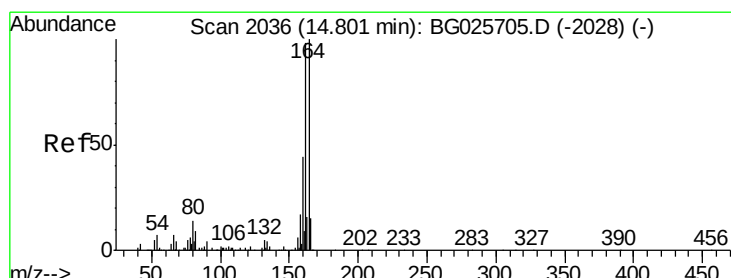
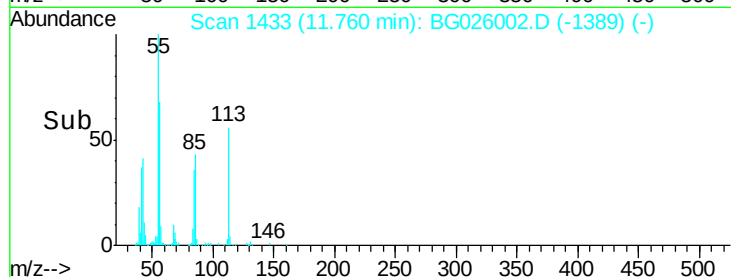
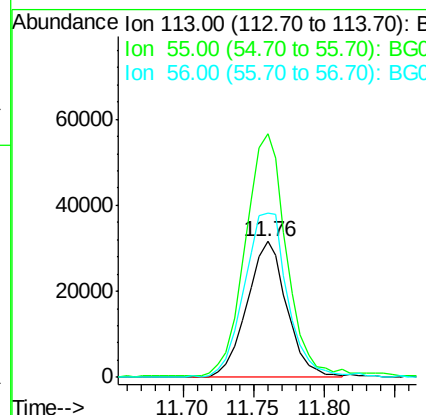
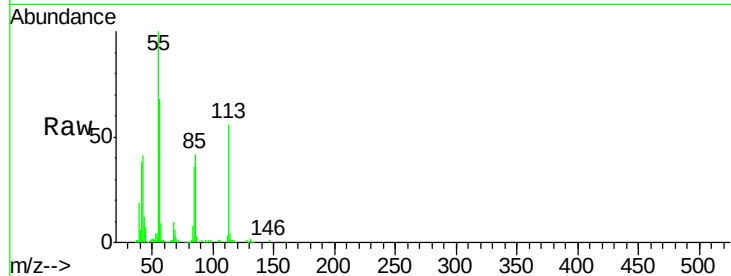




#35
 Caprolactam
 Concen: 24.49 ng
 RT: 11.76 min Scan# 1433
 Delta R.T. -0.04 min
 Lab File: BG026002.D
 Acq: 28 Feb 2017 18:19

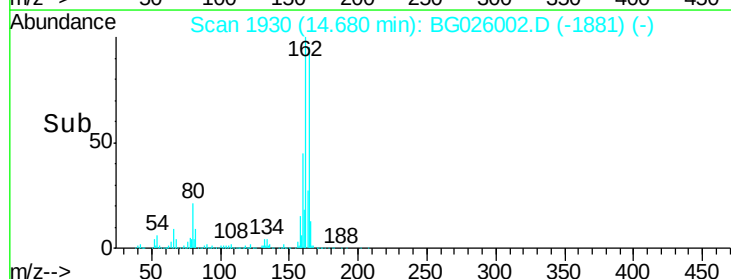
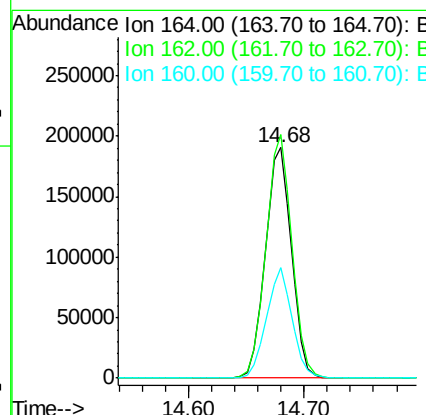
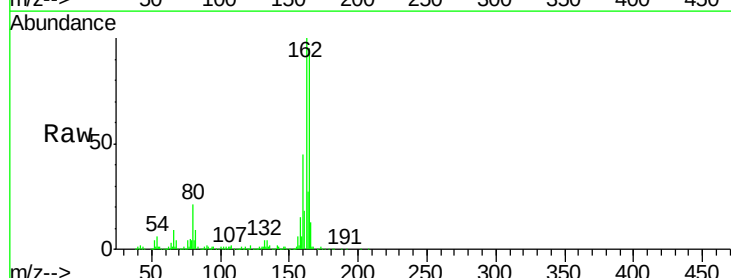
Instrument :
 BNA_G
 ClientSampleId :
 C19013051

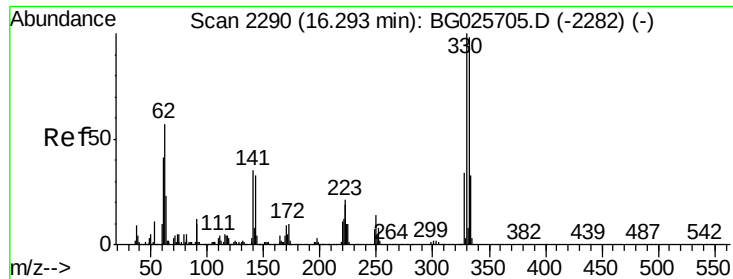
Tgt Ion:113 Resp: 62349
 Ion Ratio Lower Upper
 113 100
 55 179.7 198.6 238.6#
 56 121.7 140.4 180.4#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BG026002.D
 Acq: 28 Feb 2017 18:19

Tgt Ion:164 Resp: 300159
 Ion Ratio Lower Upper
 164 100
 162 105.8 85.1 127.7
 160 47.8 34.7 52.1

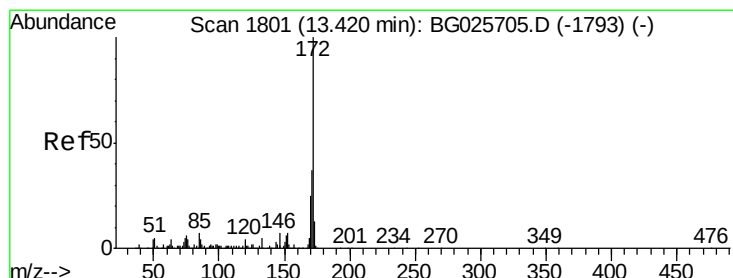
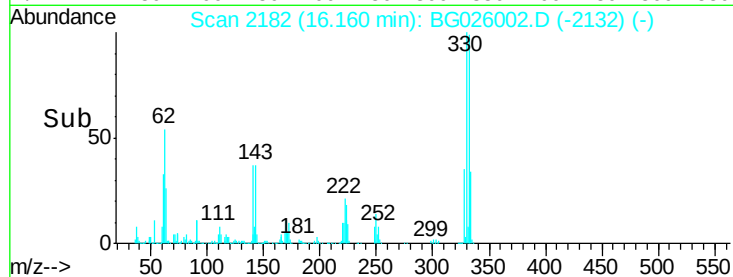
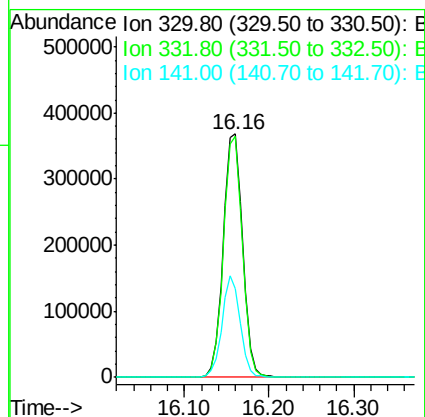
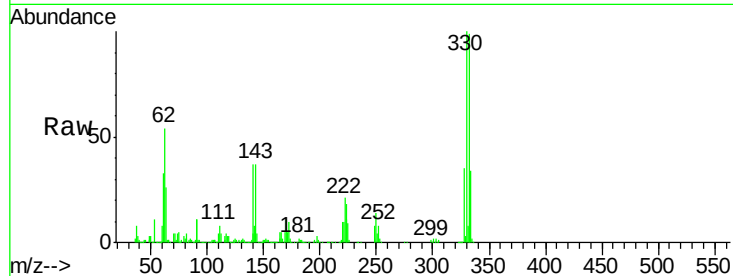




#41
2,4,6-Tribromophenol
Concen: 212.34 ng
RT: 16.16 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG026002.D
Acq: 28 Feb 2017 18:19

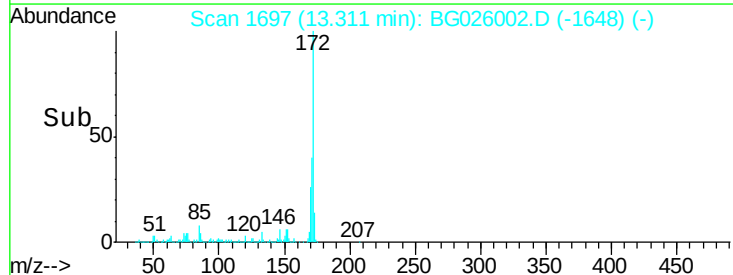
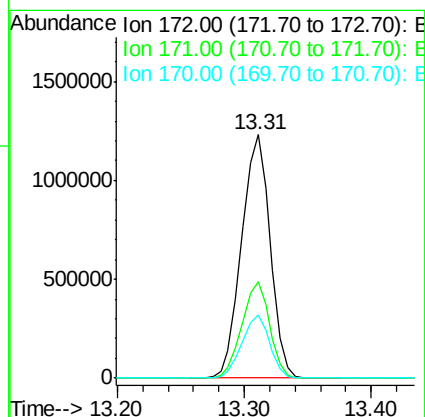
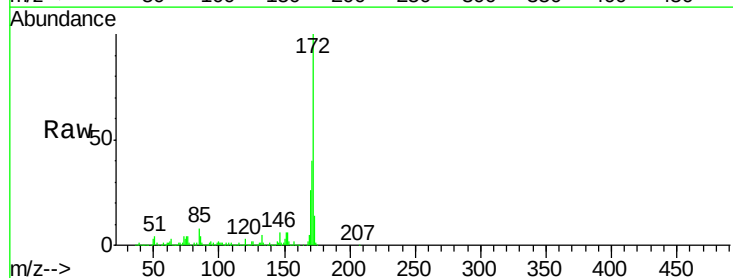
Instrument :
BNA_G
ClientSampleId :
C19013051

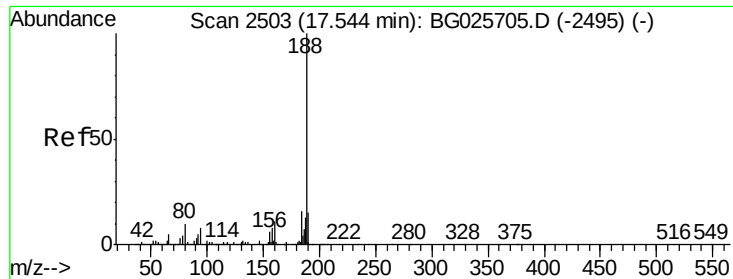
Tgt Ion:330 Resp: 588839
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 38.9 32.1 48.1



#44
2-Fluorobiphenyl
Concen: 111.75 ng
RT: 13.31 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG026002.D
Acq: 28 Feb 2017 18:19

Tgt Ion:172 Resp: 1919590
Ion Ratio Lower Upper
172 100
171 39.7 32.2 48.2
170 26.2 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BG026002.D

Acq: 28 Feb 2017 18:19

Instrument :

BNA_G

ClientSampleId :

C19013051

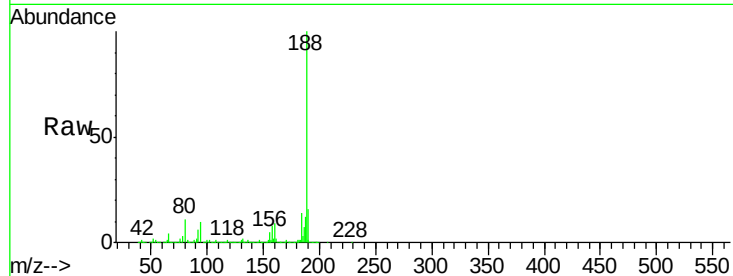
Tgt Ion:188 Resp: 779262

Ion Ratio Lower Upper

188 100

94 10.0 5.8 8.8#

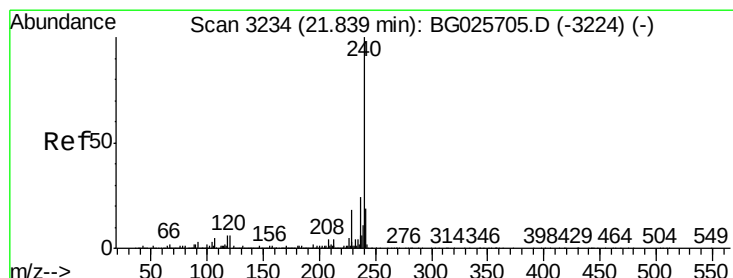
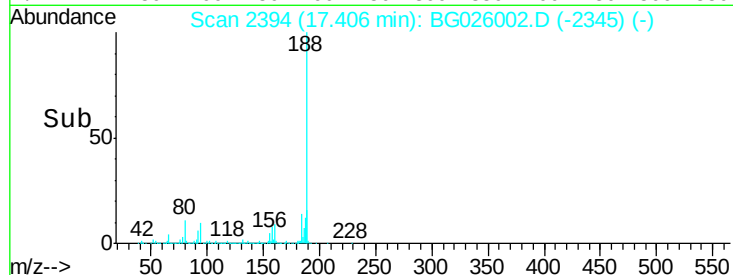
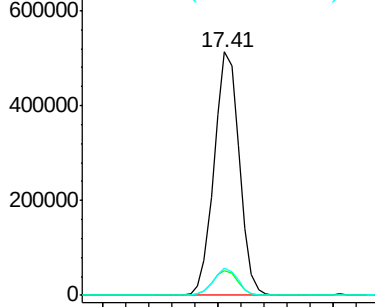
80 11.0 7.5 11.3



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# 3117

Delta R.T. -0.02 min

Lab File: BG026002.D

Acq: 28 Feb 2017 18:19

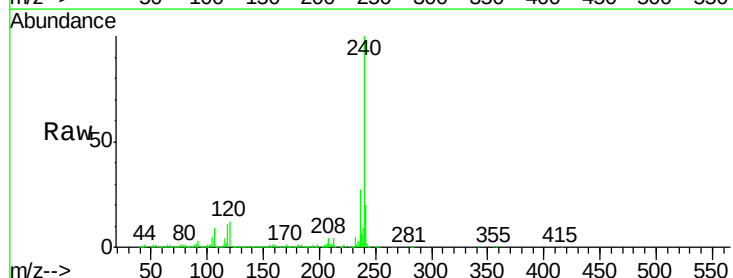
Tgt Ion:240 Resp: 785864

Ion Ratio Lower Upper

240 100

120 12.2 5.7 8.5#

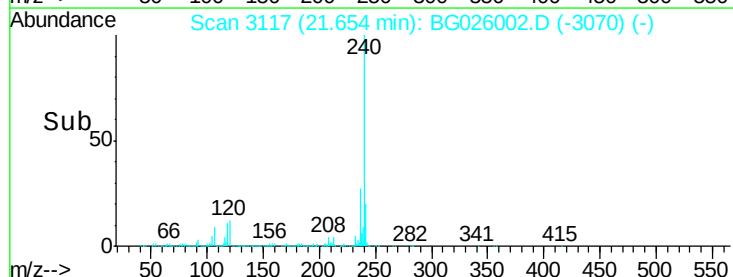
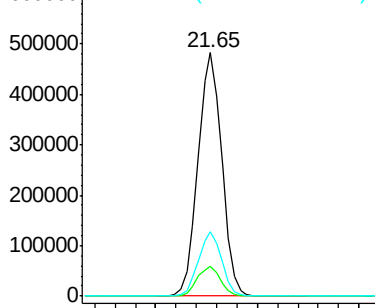
236 26.6 22.2 33.4

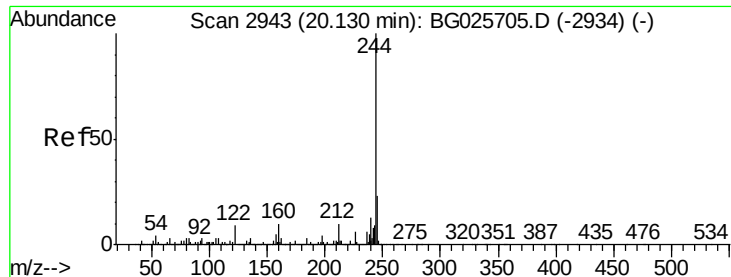


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.82 ng

RT: 20.00 min Scan# 2836

Delta R.T. -0.02 min

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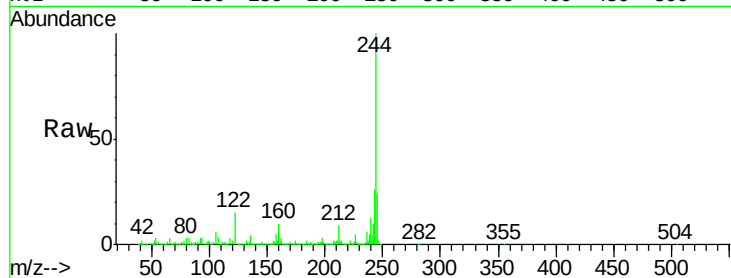
Tgt Ion:244 Resp: 2805171

Ion Ratio Lower Upper

244 100

212 9.4 10.0 15.0#

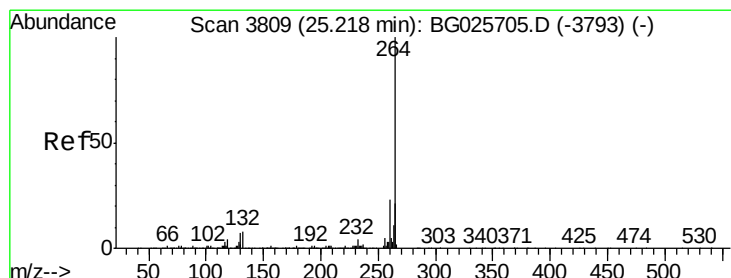
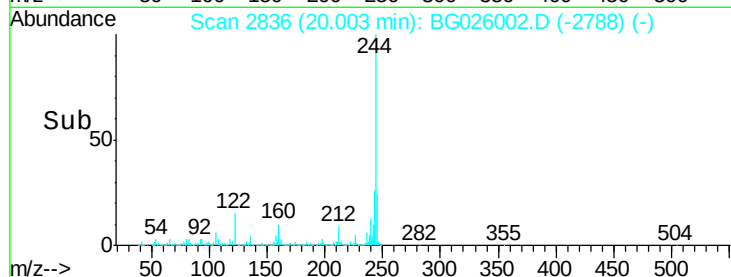
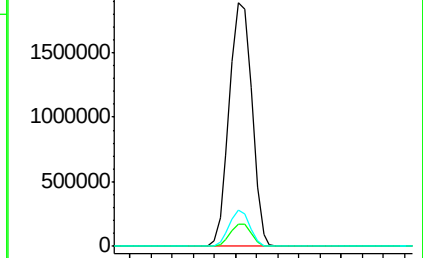
122 15.0 8.6 12.8#



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: 24.86 min Scan# 3662

Delta R.T. -0.03 min

Lab File: BG026002.D

Acq: 28 Feb 2017 18:19

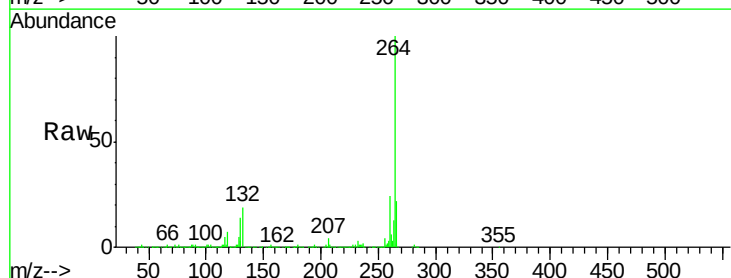
Tgt Ion:264 Resp: 754279

Ion Ratio Lower Upper

264 100

260 23.9 21.8 32.8

265 22.2 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

