

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030217\
 Data File : BG026050.D
 Acq On : 3 Mar 2017 4:30
 Operator : SJ/MA
 Sample : I2057-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 27B-4

Quant Time: Mar 03 05:44:59 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

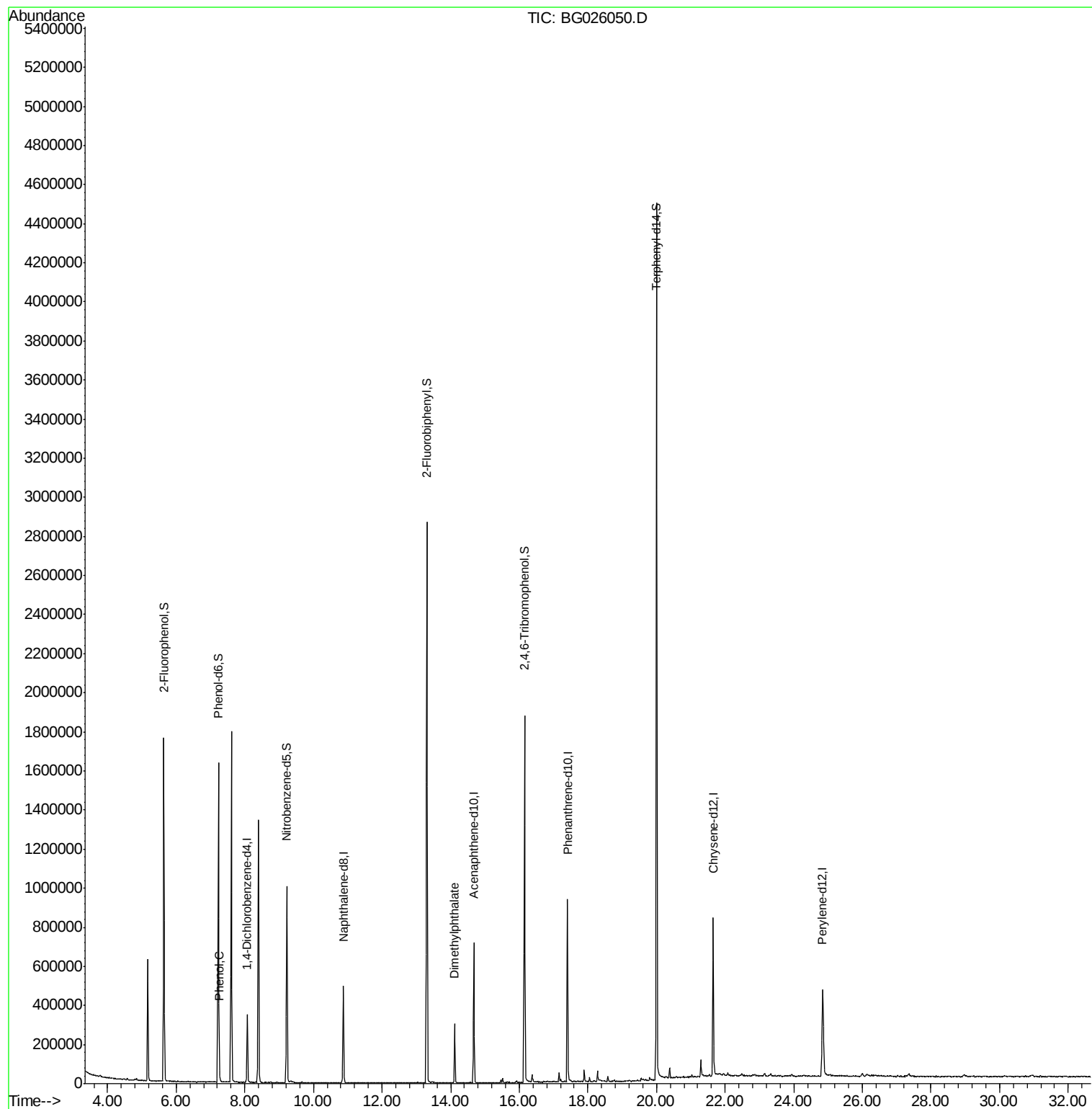
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	103264	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	441753	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	253315	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	582918	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	533880	20.00	ng	-0.03
86) Perylene-d12	24.85	264	491959	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	824352	138.98	ng	-0.01
7) Phenol-d6	7.23	99	1109517	126.41	ng	0.00
23) Nitrobenzene-d5	9.23	82	627614	89.66	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	365591	156.21	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1550201	106.93	ng	-0.02
78) Terphenyl-d14	20.00	244	1956600	89.13	ng	-0.02
Target Compounds						
10) Phenol	7.26	94	42665	4.47	ng	Qvalue # 69
49) Dimethylphthalate	14.12	163	217119	12.49	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: 8.07 min Scan# 805

Delta R.T. -0.02 min

Lab File: BG026050.D

Acq: 3 Mar 2017 4:30

Instrument :

BNA_G

ClientSampleId :

27B-4

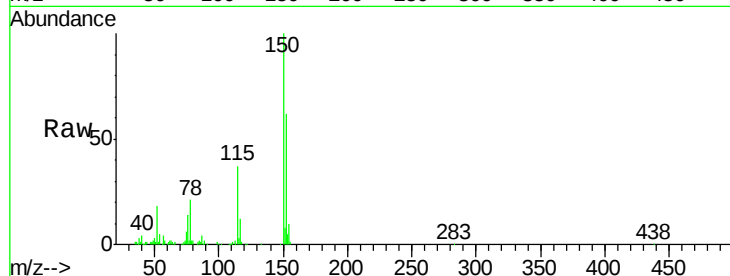
Tgt Ion:152 Resp: 103264

Ion Ratio Lower Upper

152 100

150 160.8 114.0 171.0

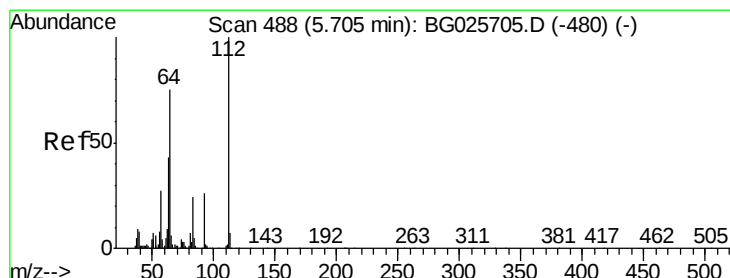
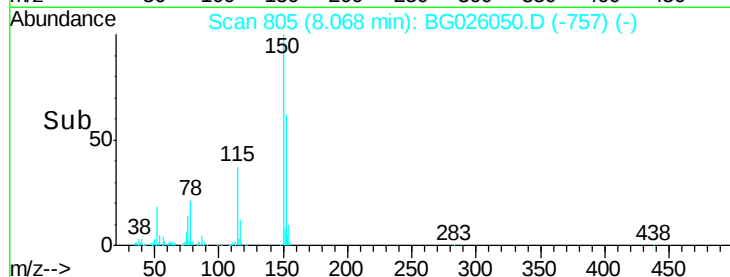
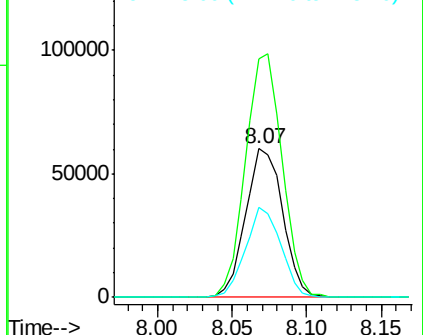
115 60.2 48.1 72.1



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: 138.98 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG026050.D

Acq: 3 Mar 2017 4:30

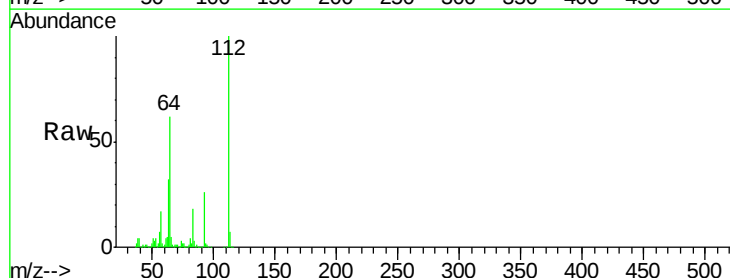
Tgt Ion:112 Resp: 824352

Ion Ratio Lower Upper

112 100

64 62.1 61.8 92.6

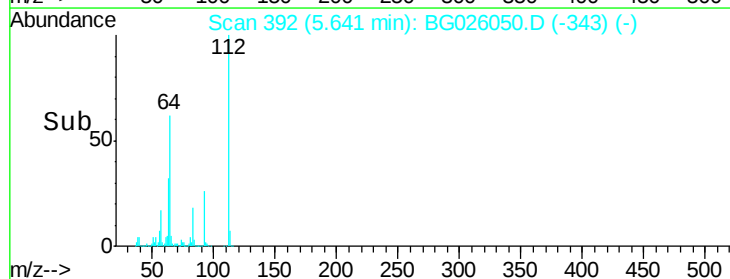
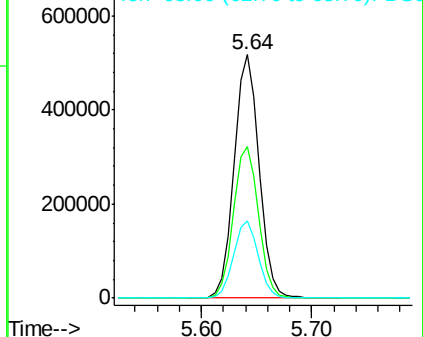
63 31.8 37.2 55.8#

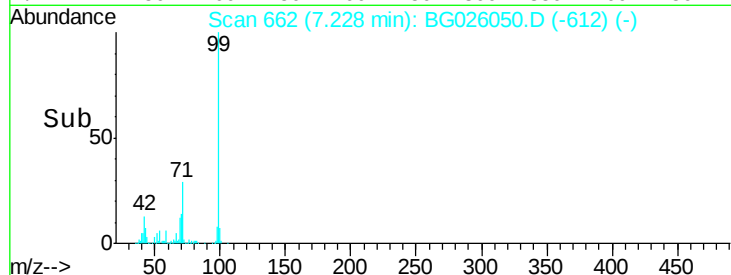
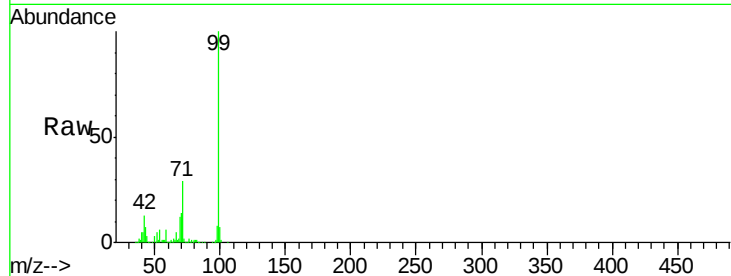
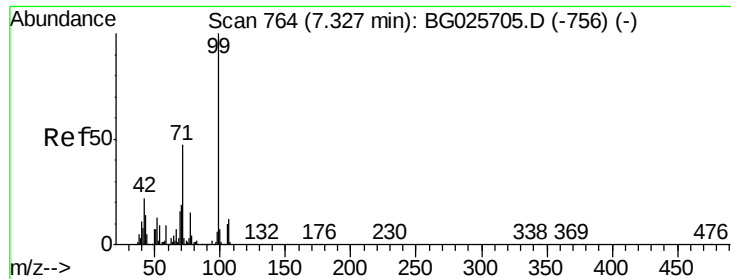


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 126.41 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG026050.D

Acq: 3 Mar 2017 4:30

Instrument :

BNA_G

ClientSampleId :

27B-4

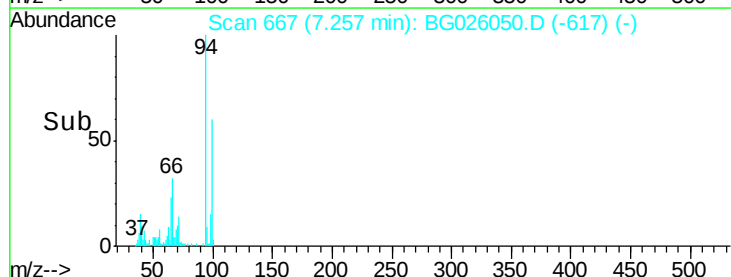
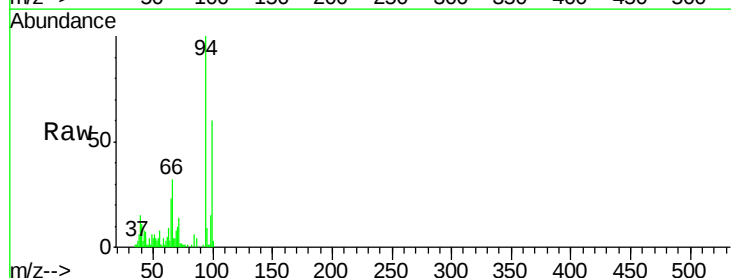
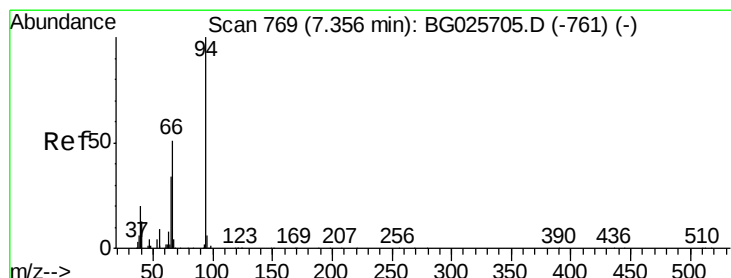
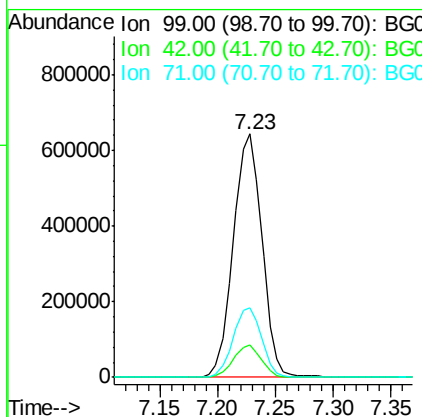
Tgt Ion: 99 Resp: 1109517

Ion Ratio Lower Upper

99 100

42 13.1 20.5 30.7#

71 28.5 37.6 56.4#



#10

Phenol

Concen: 4.47 ng

RT: 7.26 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG026050.D

Acq: 3 Mar 2017 4:30

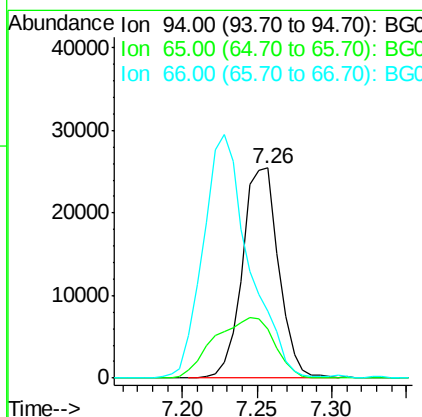
Tgt Ion: 94 Resp: 42665

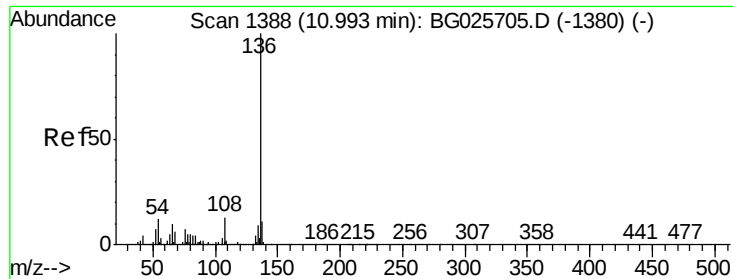
Ion Ratio Lower Upper

94 100

65 23.4 20.6 60.6

66 31.8 35.5 75.5#

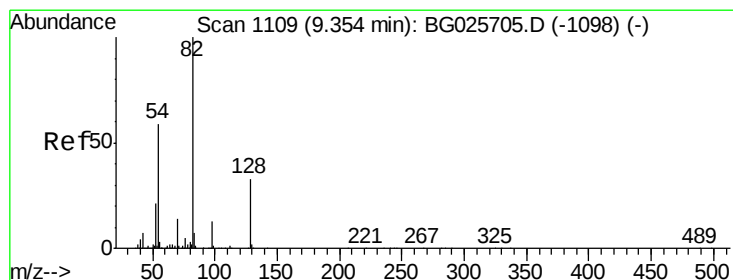
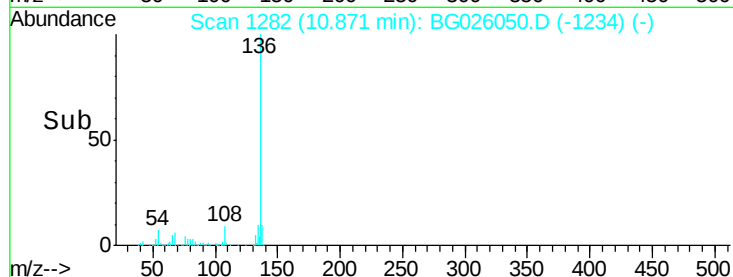
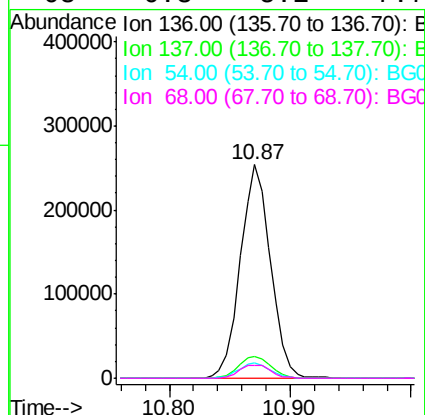
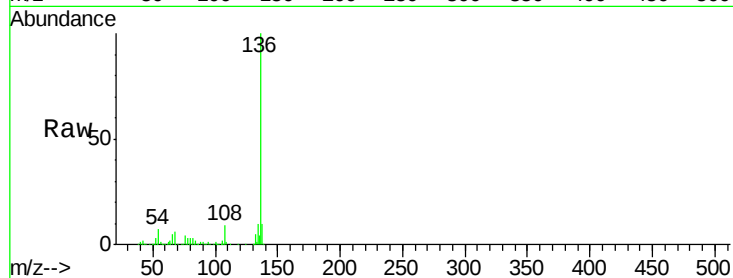




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BG026050.D
Acq: 3 Mar 2017 4:30

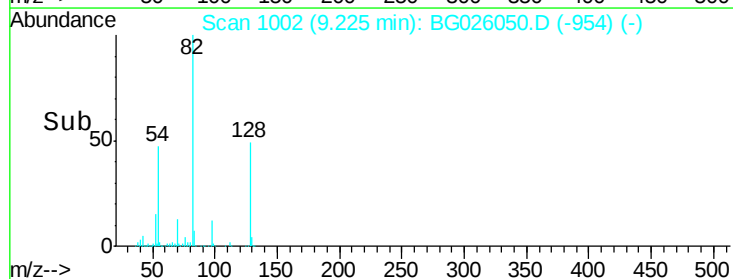
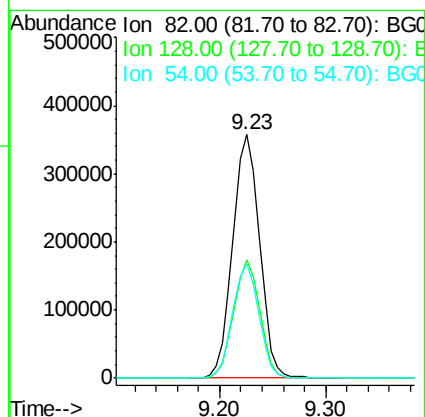
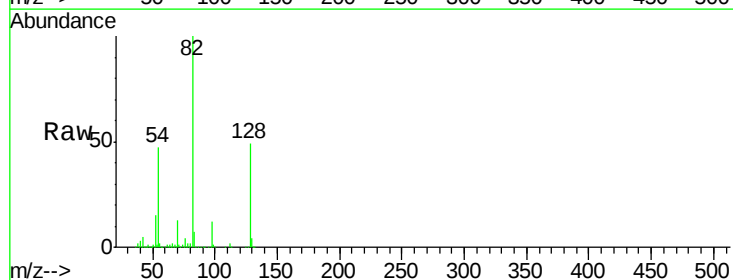
Instrument :
BNA_G
ClientSampleId :
27B-4

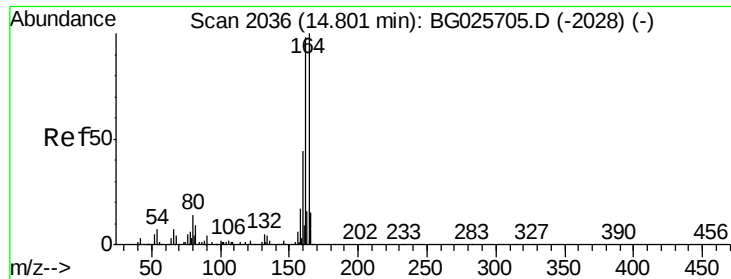
Tgt Ion:	136	Resp:	441753
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	7.3	9.3	13.9#
68	6.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 89.66 ng
RT: 9.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG026050.D
Acq: 3 Mar 2017 4:30

Tgt Ion:	82	Resp:	627614
Ion	Ratio	Lower	Upper
82	100		
128	48.7	26.4	39.6#
54	47.1	49.4	74.2#

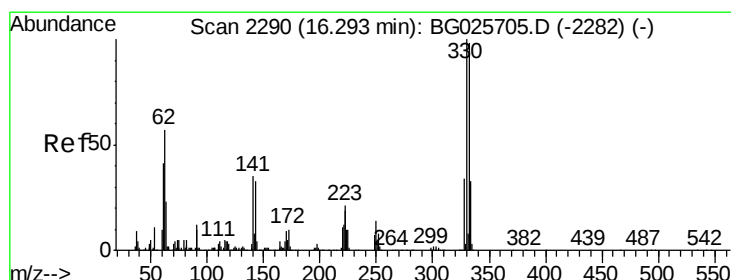
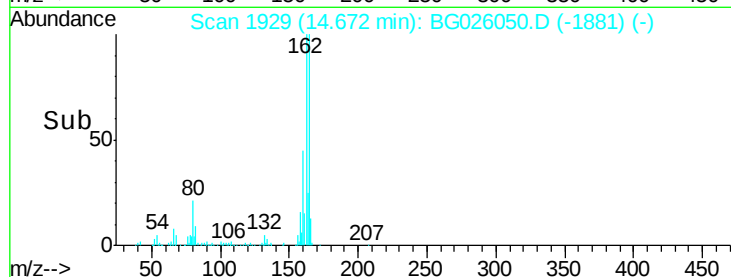
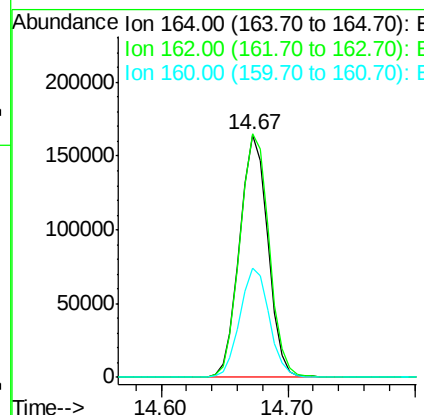
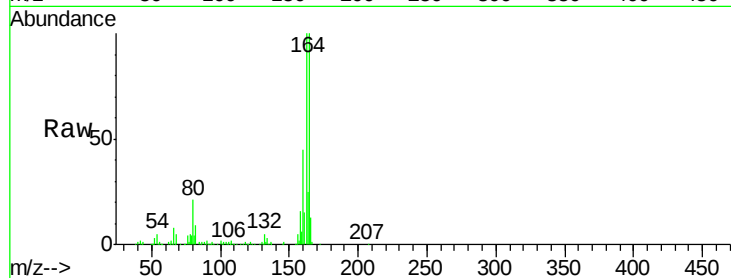




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.67 min Scan# 1929
 Delta R.T. -0.02 min
 Lab File: BG026050.D
 Acq: 3 Mar 2017 4:30

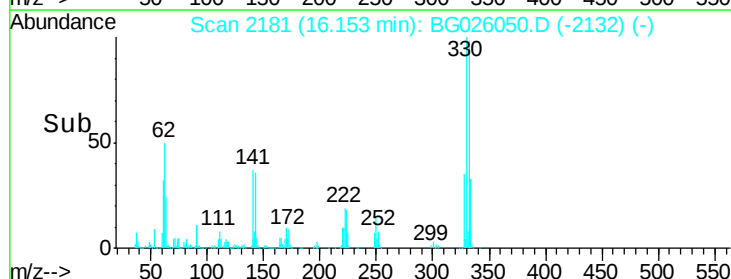
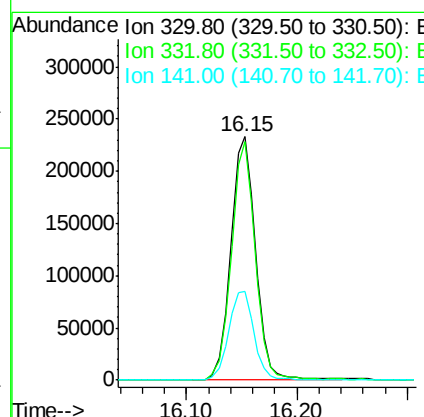
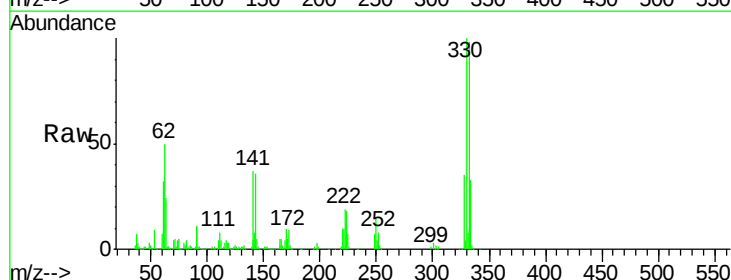
Instrument :
 BNA_G
 ClientSampleId :
 27B-4

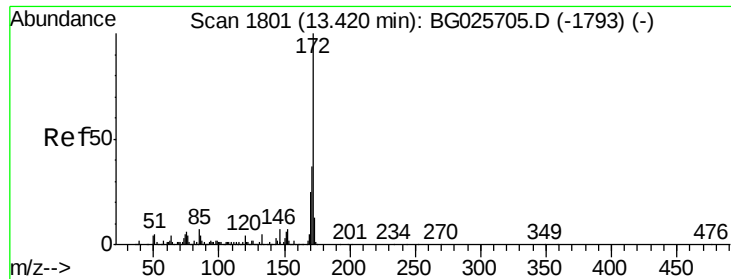
Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	85.1	127.7
160	44.9	34.7	52.1



#41
 2,4,6-Tribromophenol
 Concen: 156.21 ng
 RT: 16.15 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BG026050.D
 Acq: 3 Mar 2017 4:30

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.3	115.9
141	37.4	32.1	48.1

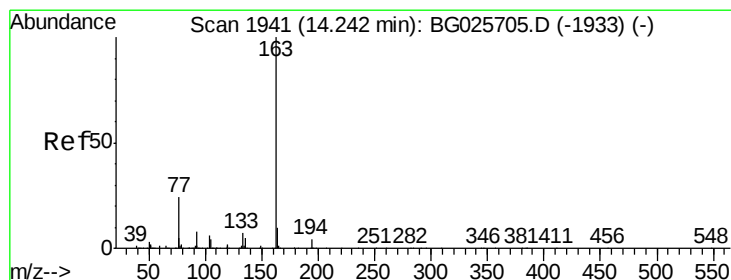
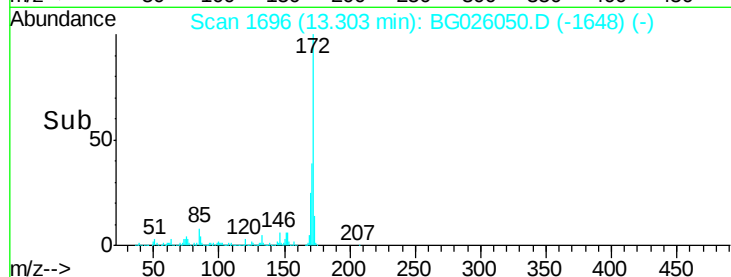
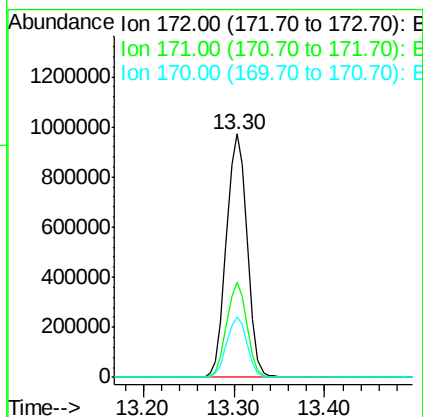
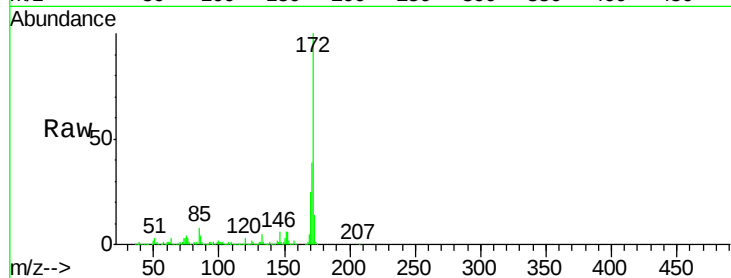




#44
2-Fluorobiphenyl
Concen: 106.93 ng
RT: 13.30 min Scan# 1696
Delta R.T. -0.02 min
Lab File: BG026050.D
Acq: 3 Mar 2017 4:30

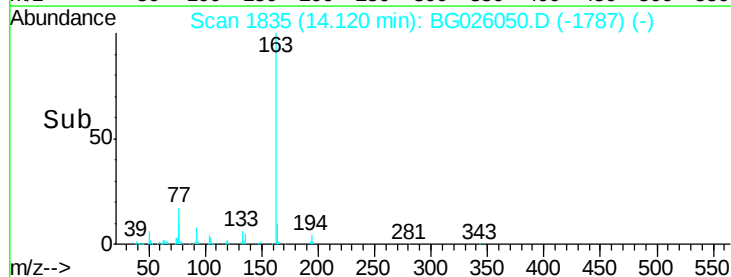
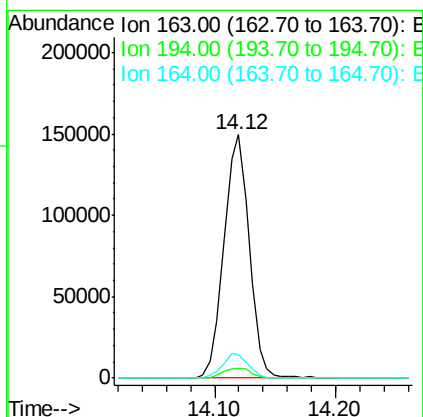
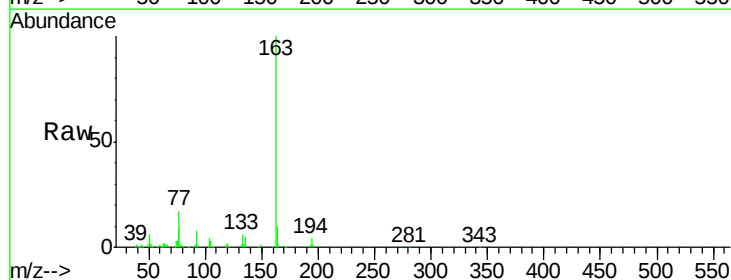
Instrument :
BNA_G
ClientSampleId :
27B-4

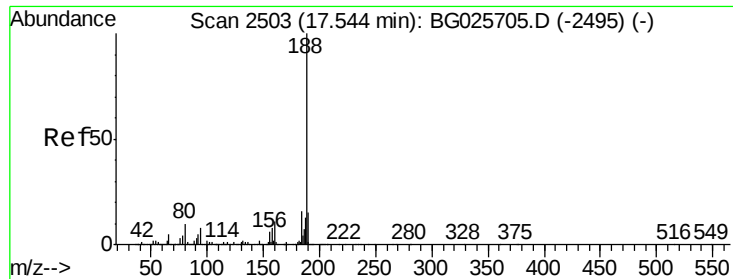
Tgt Ion:172 Resp: 1550201
Ion Ratio Lower Upper
172 100
171 38.9 32.2 48.2
170 24.8 21.8 32.6



#49
Dimethylphthalate
Concen: 12.49 ng
RT: 14.12 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BG026050.D
Acq: 3 Mar 2017 4:30

Tgt Ion:163 Resp: 217119
Ion Ratio Lower Upper
163 100
194 4.1 3.8 5.6
164 9.7 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.40 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BG026050.D

Acq: 3 Mar 2017 4:30

Instrument :

BNA_G

ClientSampleId :

27B-4

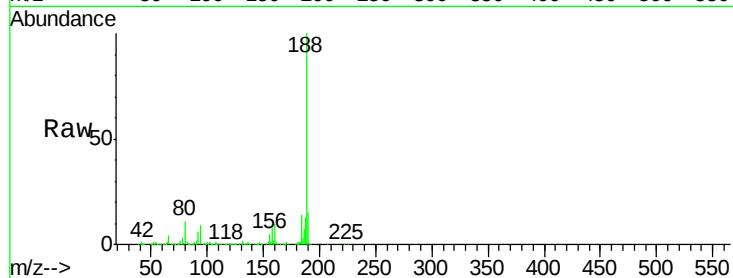
Tgt Ion:188 Resp: 582918

Ion Ratio Lower Upper

188 100

94 9.4 5.8 8.8#

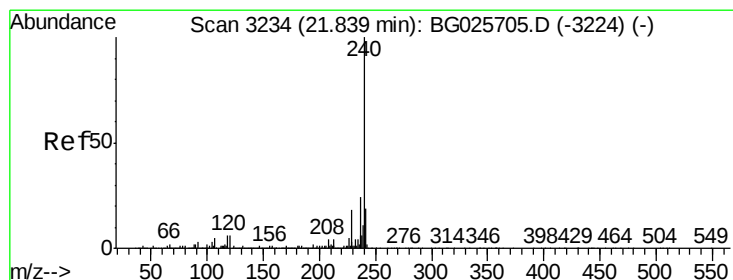
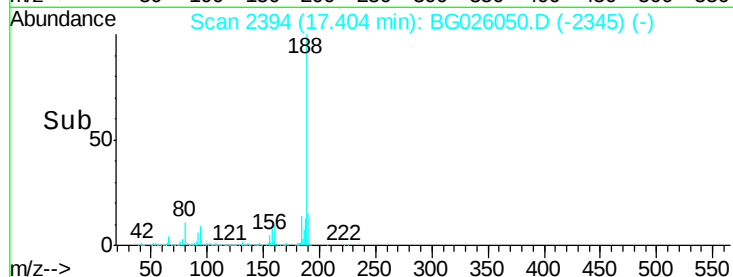
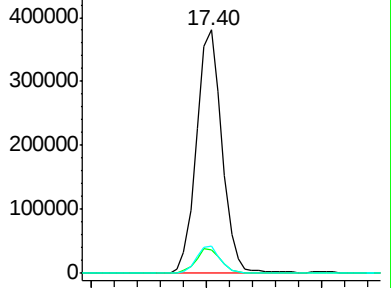
80 11.0 7.5 11.3



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# 3116

Delta R.T. -0.03 min

Lab File: BG026050.D

Acq: 3 Mar 2017 4:30

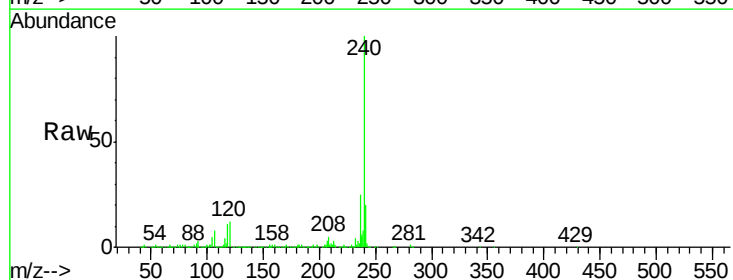
Tgt Ion:240 Resp: 533880

Ion Ratio Lower Upper

240 100

120 12.0 5.7 8.5#

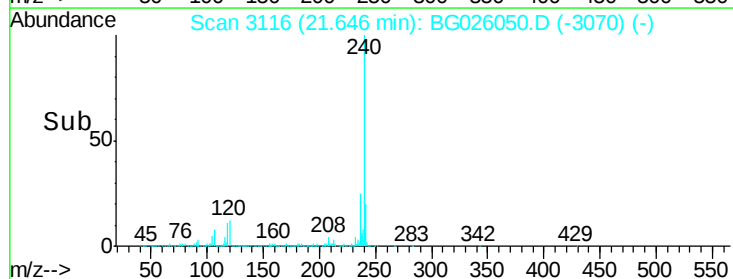
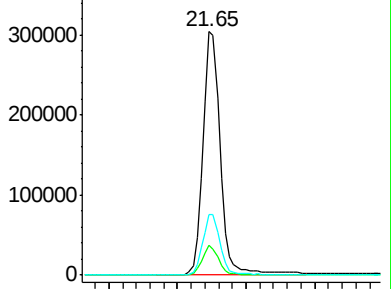
236 25.0 22.2 33.4

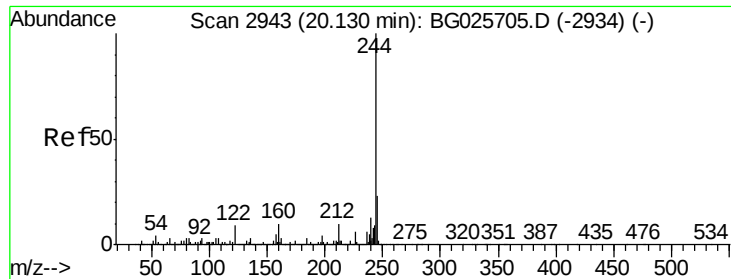


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.13 ng

RT: 20.00 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BG026050.D

Acq: 3 Mar 2017 4:30

Instrument :

BNA_G

ClientSampleId :

27B-4

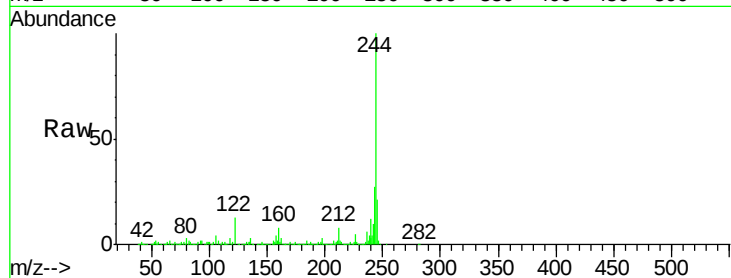
Tgt Ion:244 Resp: 1956600

Ion Ratio Lower Upper

244 100

212 8.4 10.0 15.0#

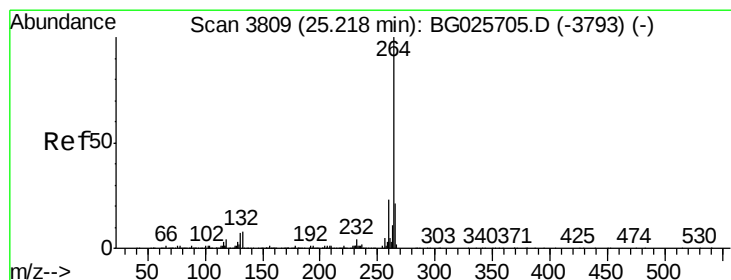
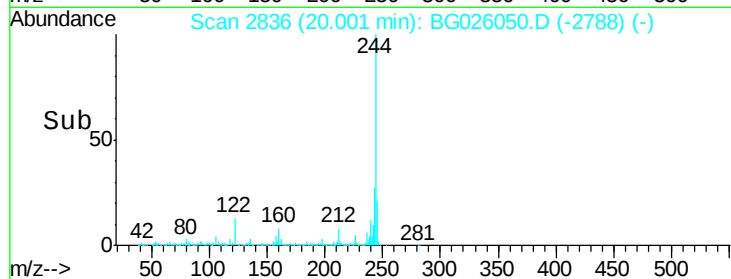
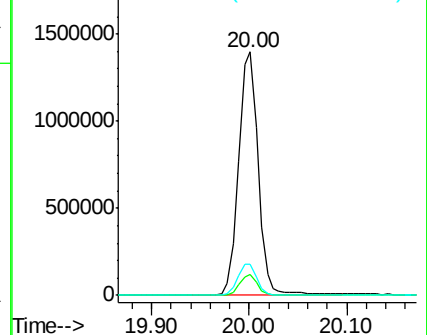
122 12.9 8.6 12.8#



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: 24.85 min Scan# 3661

Delta R.T. -0.04 min

Lab File: BG026050.D

Acq: 3 Mar 2017 4:30

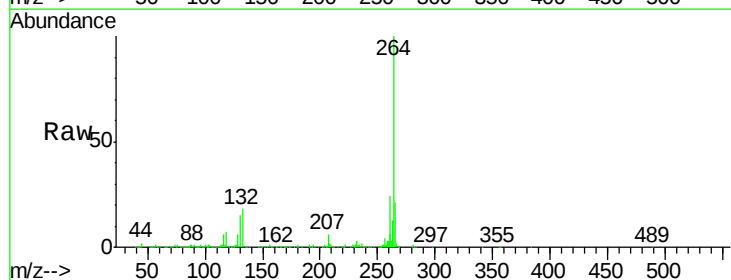
Tgt Ion:264 Resp: 491959

Ion Ratio Lower Upper

264 100

260 23.7 21.8 32.8

265 21.4 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

