

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061517\
 Data File : BG027462.D
 Acq On : 16 Jun 2017 4:18
 Operator : SJ/MA
 Sample : I3689-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BAYWAY-SWITCH-A

Quant Time: Jun 16 04:57:37 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 19:09:08 2017
 Response via : Initial Calibration

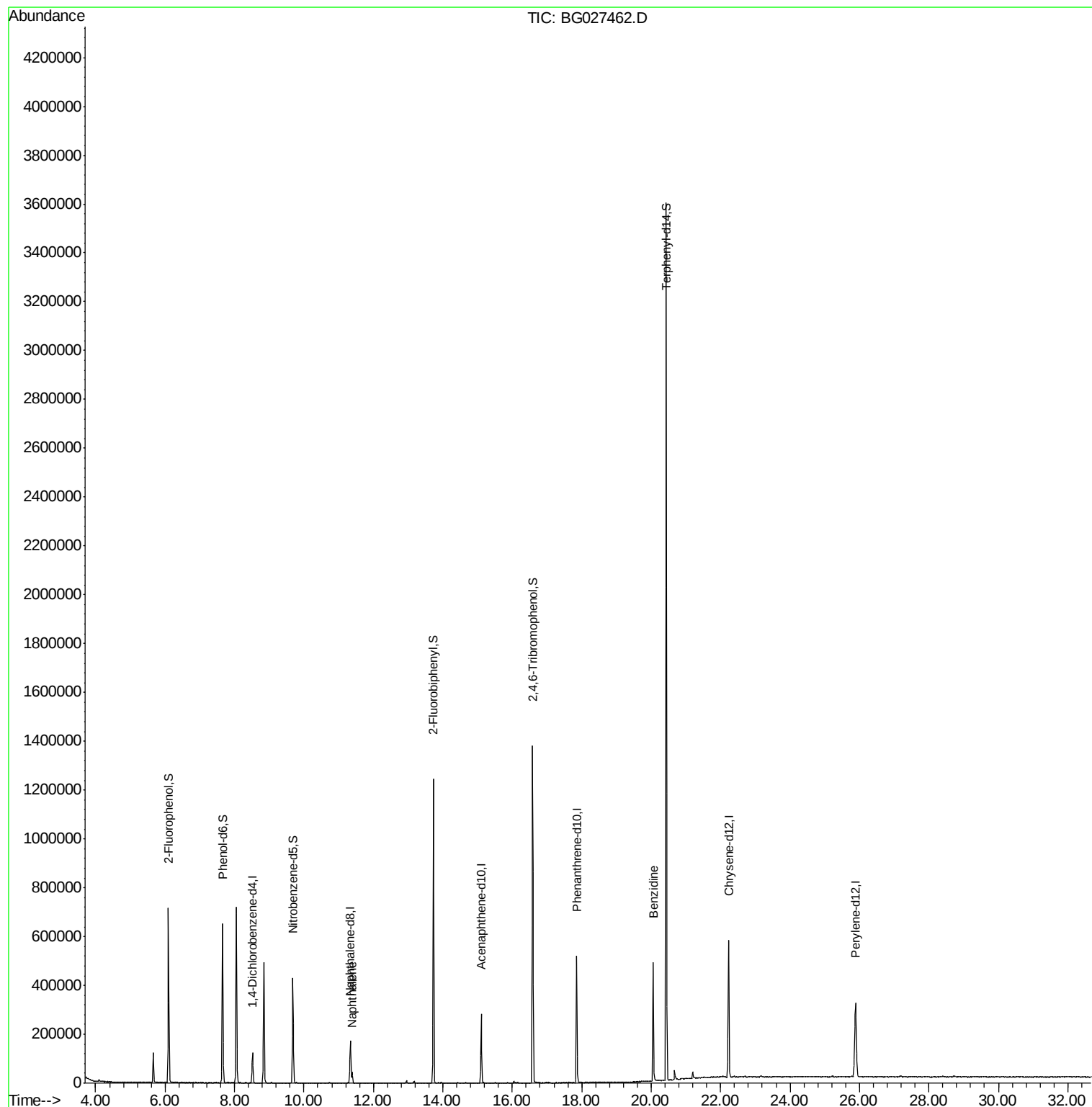
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	33915	20.00	ng	0.00
21) Naphthalene-d8	11.34	136	152519	20.00	ng	0.00
38) Acenaphthene-d10	15.11	164	98600	20.00	ng	0.00
63) Phenanthrene-d10	17.86	188	318566	20.00	ng	0.00
75) Chrysene-d12	22.23	240	378200	20.00	ng	0.00
86) Perylene-d12	25.89	264	365490	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.11	112	318084	132.55	ng	0.00
7) Phenol-d6	7.66	99	410399	111.28	ng	0.00
23) Nitrobenzene-d5	9.68	82	287075	95.96	ng	0.00
41) 2,4,6-Tribromophenol	16.59	330	274634	185.58	ng	0.00
44) 2-Fluorobiphenyl	13.73	172	639291	93.66	ng	0.00
78) Terphenyl-d14	20.44	244	1582876	107.27	ng	0.00
Target Compounds						
31) Naphthalene	11.39	128	37649	4.521	ng	97
76) Benzidine	20.06	184	278906	33.633	ng	96

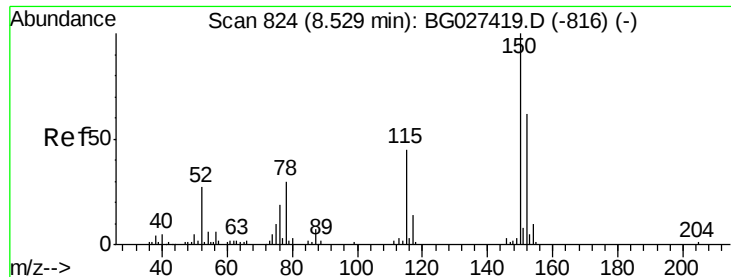
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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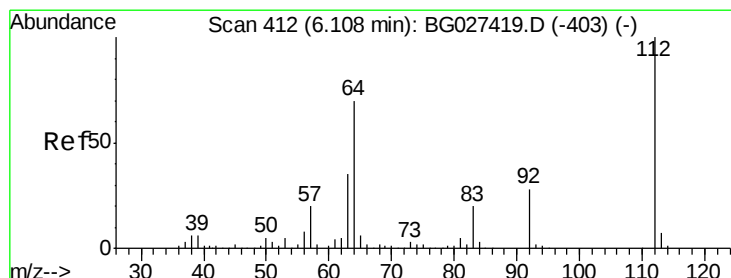
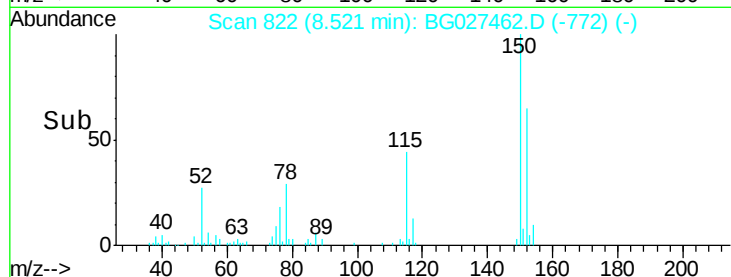
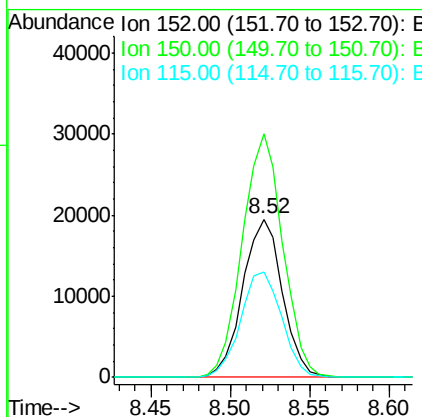
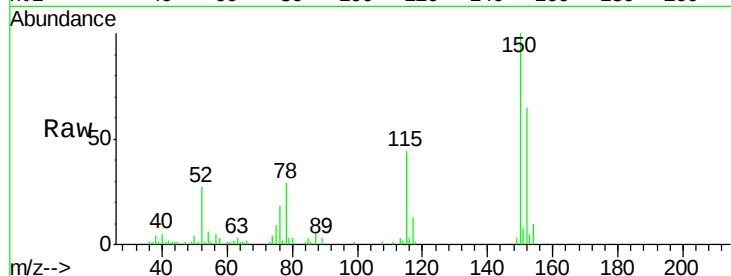


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.52 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG027462.D
Acq: 16 Jun 2017 4:18

Instrument :
BNA_G
ClientSampleId :
BAYWAY-SWITCH-A

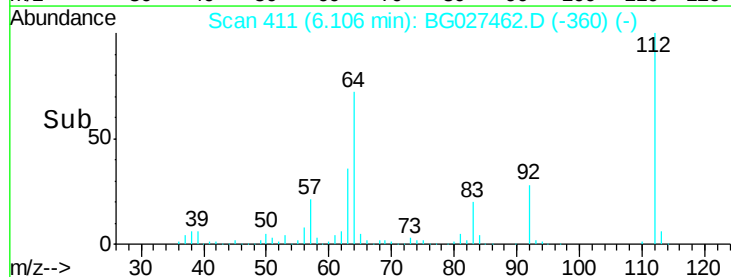
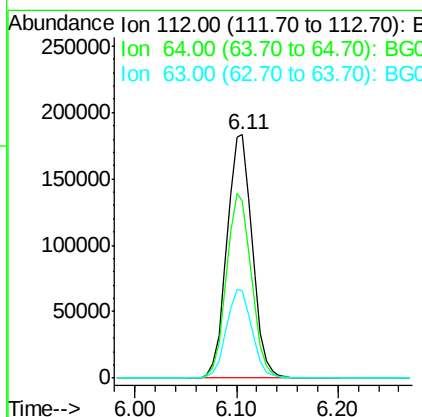
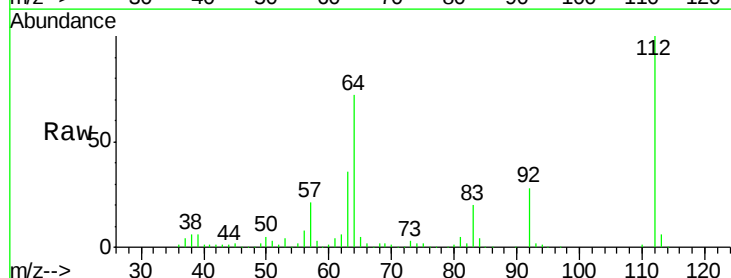
Tgt Ion:152 Resp: 33915
Ion Ratio Lower Upper
152 100
150 154.0 114.0 171.0
115 67.0 48.1 72.1

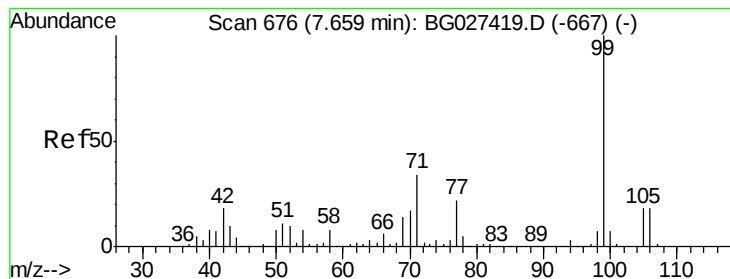


#5

2-Fluorophenol
Concen: 132.546 ng
RT: 6.11 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG027462.D
Acq: 16 Jun 2017 4:18

Tgt Ion:112 Resp: 318084
Ion Ratio Lower Upper
112 100
64 72.5 61.8 92.6
63 35.7 37.2 55.8#





#7

Phenol-d6

Concen: 111.278 ng

RT: 7.66 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG027462.D

Acq: 16 Jun 2017 4:18

Instrument :

BNA_G

ClientSampleId :

BAYWAY-SWITCH-A

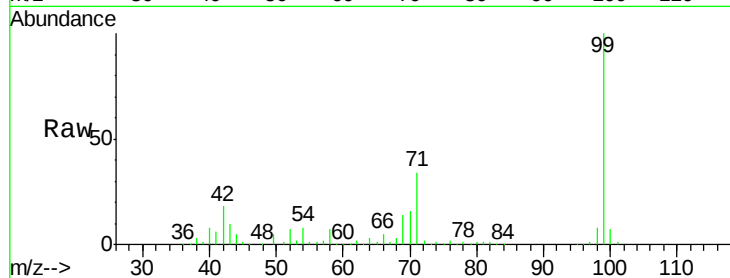
Tgt Ion: 99 Resp: 410399

Ion Ratio Lower Upper

99 100

42 18.1 20.5 30.7#

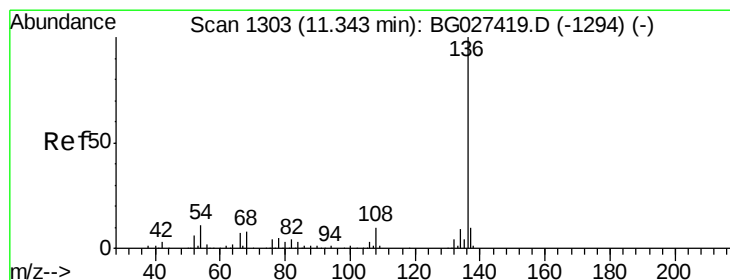
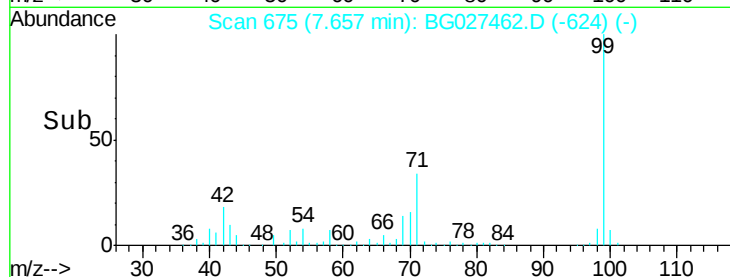
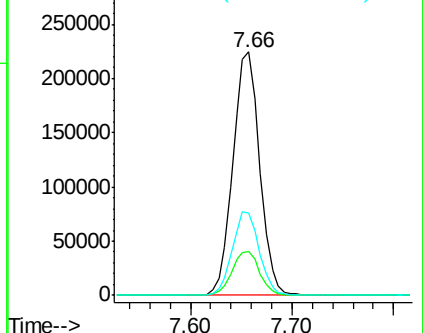
71 33.7 37.6 56.4#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.34 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BG027462.D

Acq: 16 Jun 2017 4:18

Tgt Ion: 136 Resp: 152519

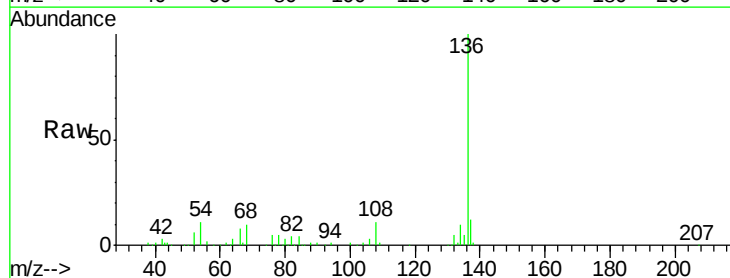
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 11.4 9.3 13.9

68 9.6 5.1 7.7#

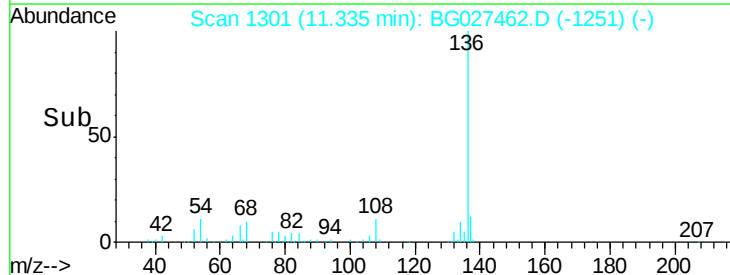
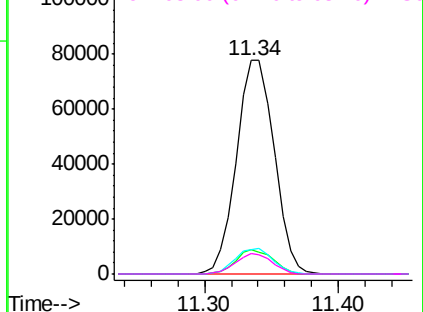


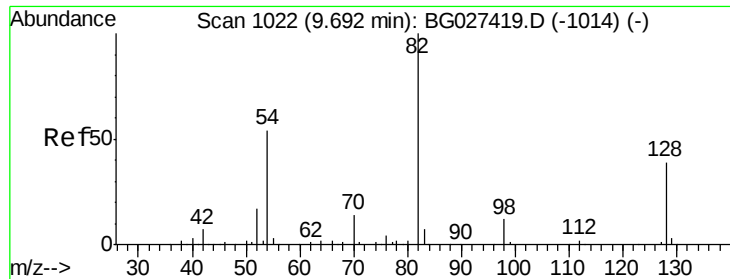
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

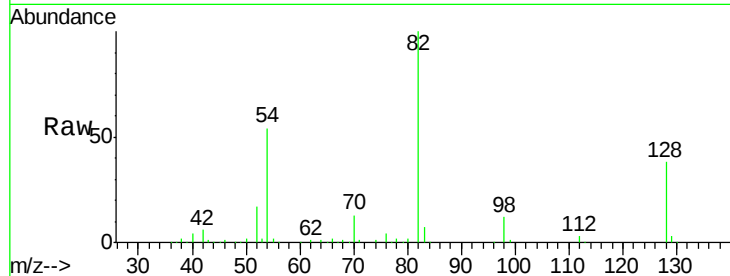




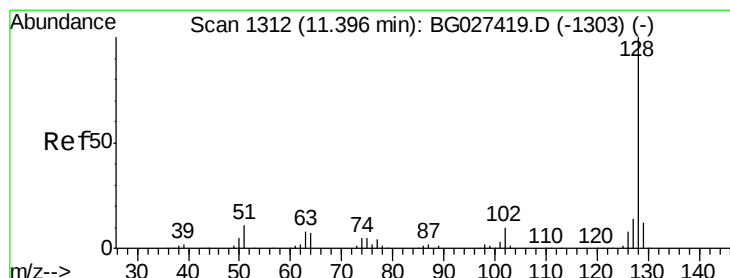
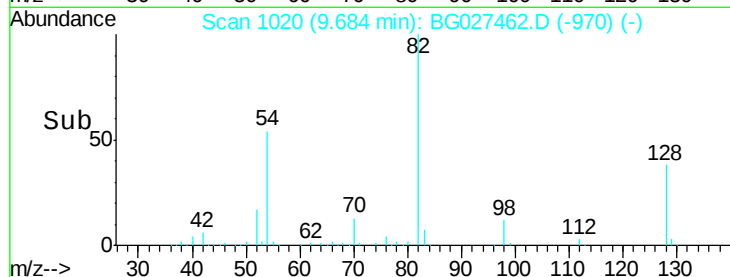
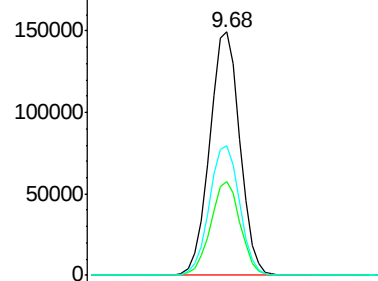
#23
 Nitrobenzene-d5
 Concen: 95.963 ng
 RT: 9.68 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG027462.D
 Acq: 16 Jun 2017 4:18

Instrument :
 BNA_G
 ClientSampleId :
 BAYWAY-SWITCH-A

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.4	26.4	39.6
54	53.5	49.4	74.2

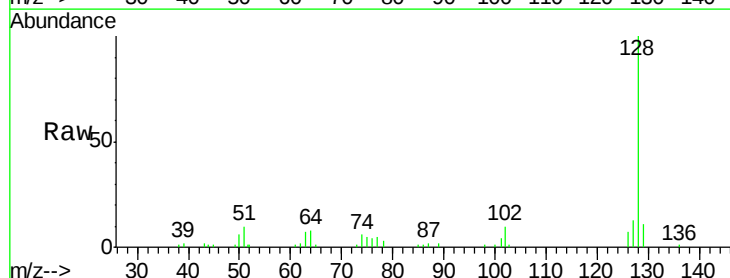


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

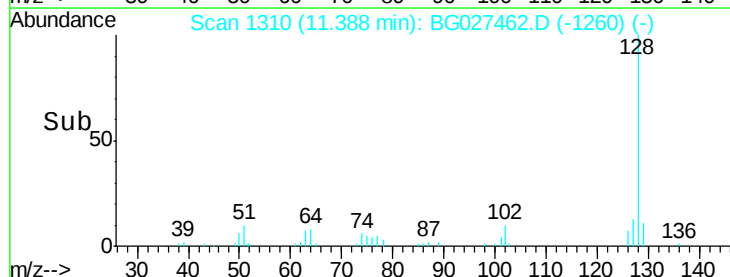
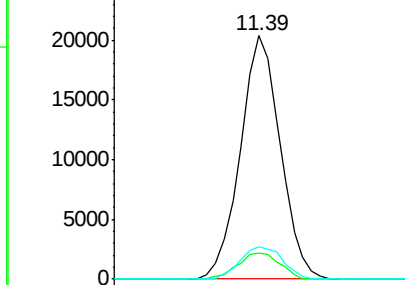


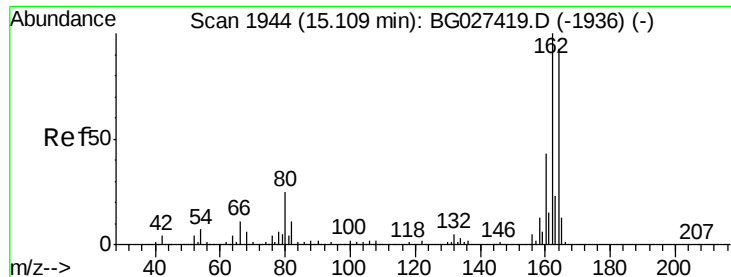
#31
 Naphthalene
 Concen: 4.521 ng
 RT: 11.39 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BG027462.D
 Acq: 16 Jun 2017 4:18

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.3	13.9
127	13.2	11.4	17.0



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.11 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG027462.D

Acq: 16 Jun 2017 4:18

Instrument :

BNA_G

ClientSampleId :

BAYWAY-SWITCH-A

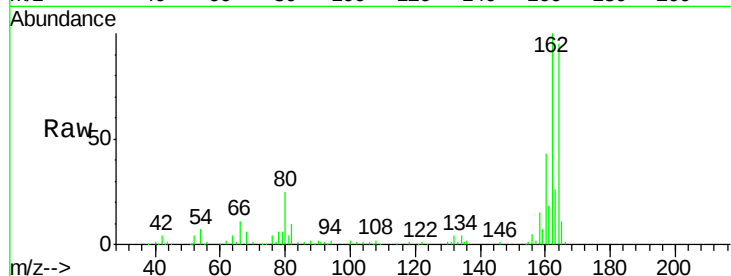
Tgt Ion:164 Resp: 98600

Ion Ratio Lower Upper

164 100

162 105.5 85.1 127.7

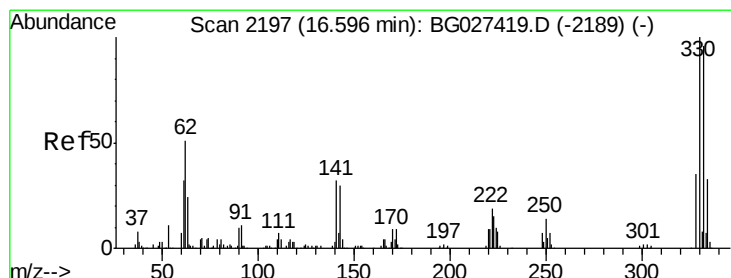
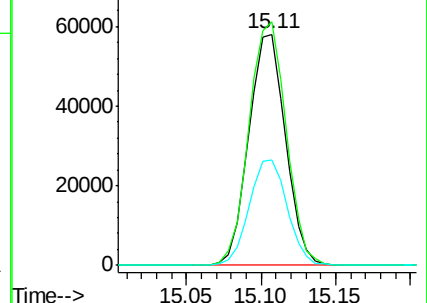
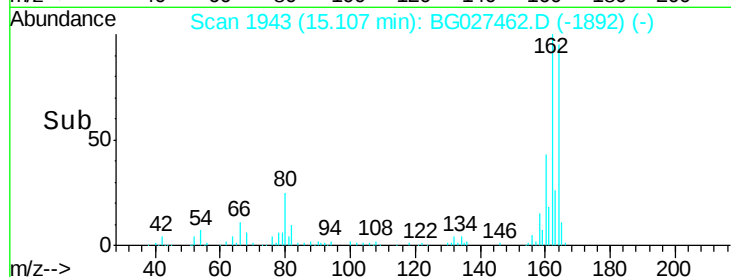
160 45.4 34.7 52.1



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: 185.585 ng

RT: 16.59 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BG027462.D

Acq: 16 Jun 2017 4:18

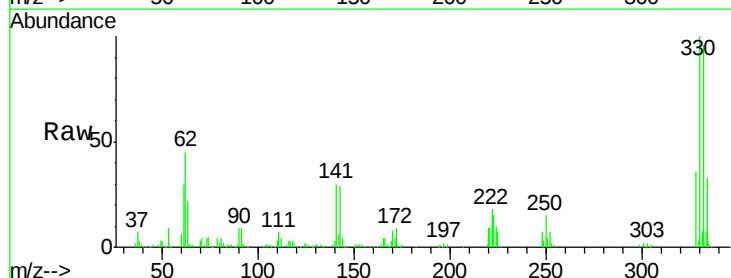
Tgt Ion:330 Resp: 274634

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

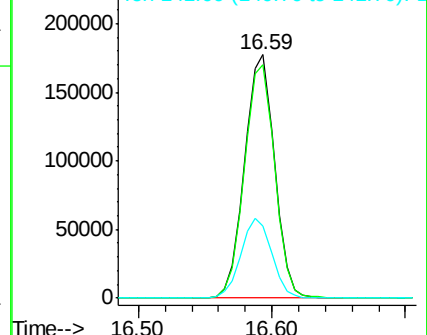
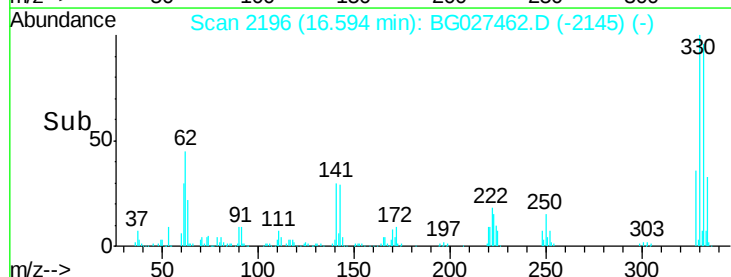
141 33.8 32.1 48.1

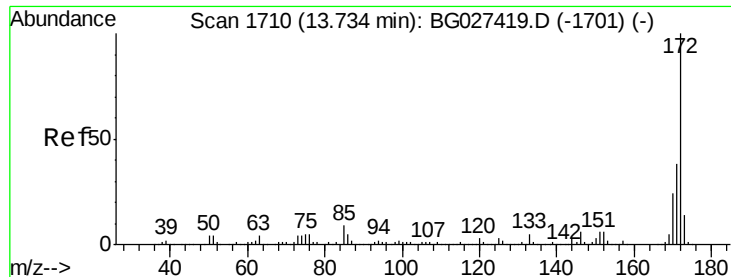


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

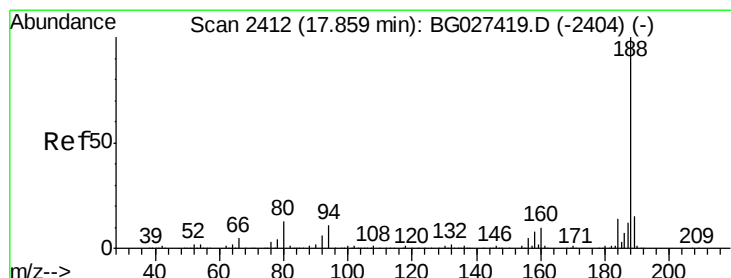
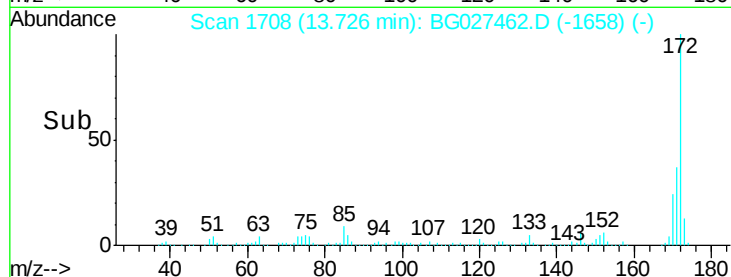
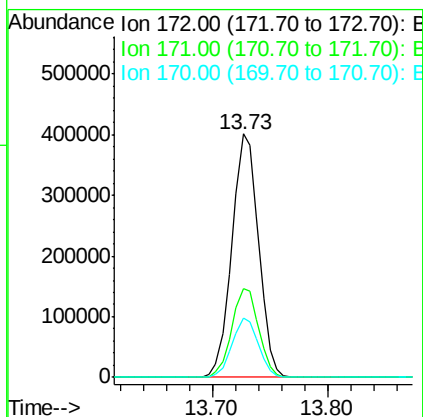
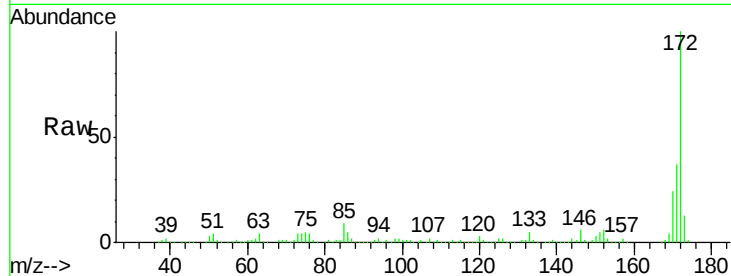




#44
 2-Fluorobiphenyl
 Concen: 93.665 ng
 RT: 13.73 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG027462.D
 Acq: 16 Jun 2017 4:18

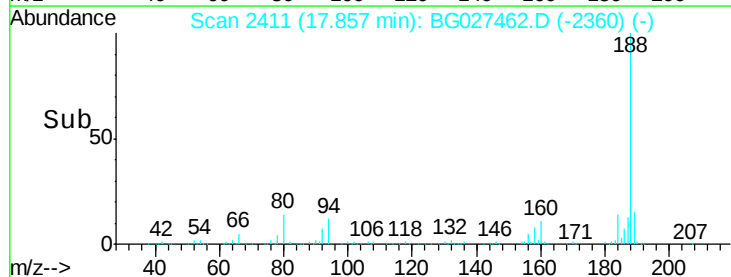
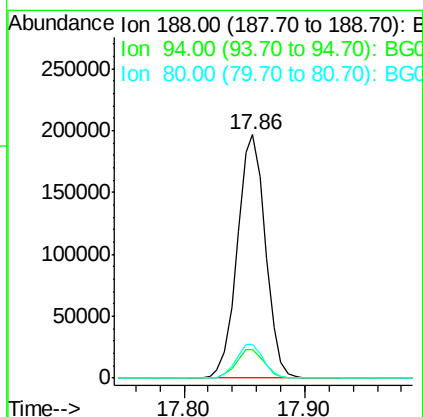
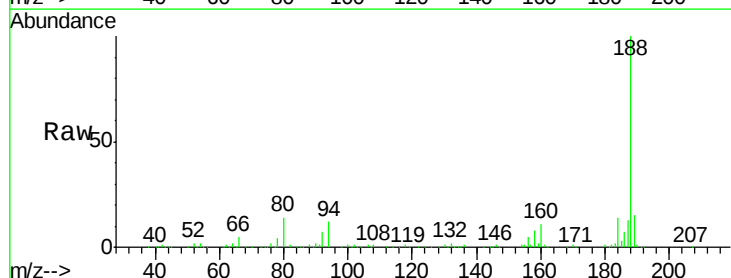
Instrument :
 BNA_G
 ClientSampleId :
 BAYWAY-SWITCH-A

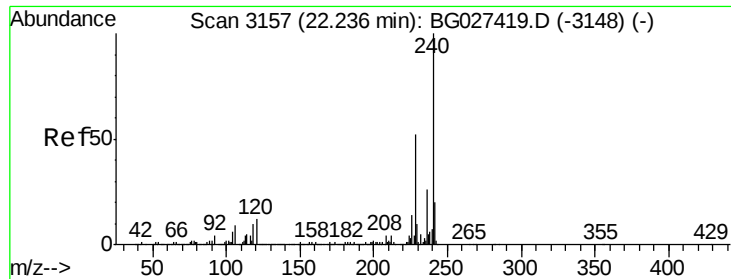
Tgt Ion:172 Resp: 639291
 Ion Ratio Lower Upper
 172 100
 171 36.6 32.2 48.2
 170 24.4 21.8 32.6



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.86 min Scan# 2411
 Delta R.T. -0.00 min
 Lab File: BG027462.D
 Acq: 16 Jun 2017 4:18

Tgt Ion:188 Resp: 318566
 Ion Ratio Lower Upper
 188 100
 94 11.7 5.8 8.8#
 80 13.8 7.5 11.3#

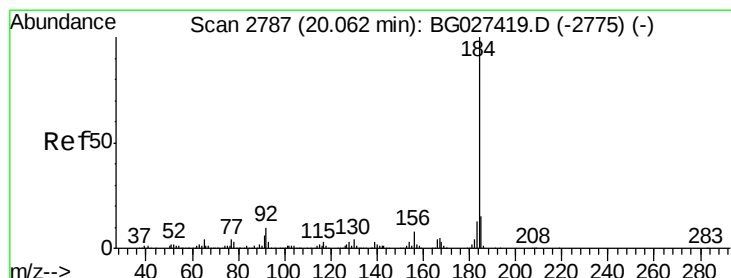
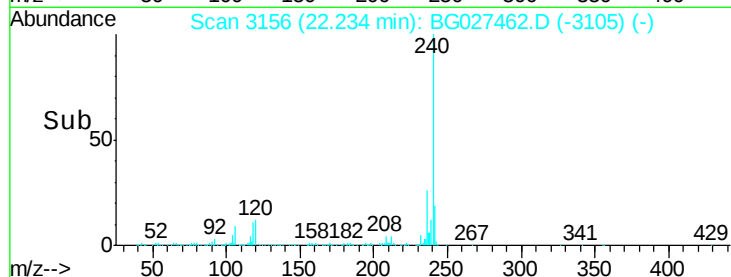
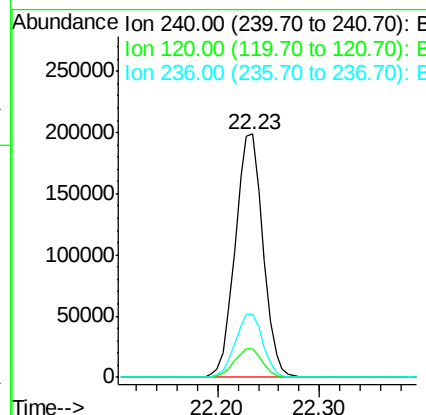
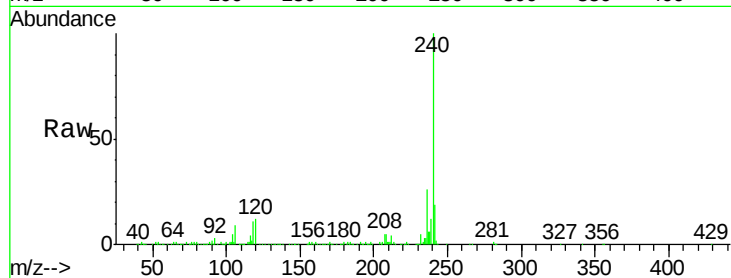




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.23 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG027462.D
Acq: 16 Jun 2017 4:18

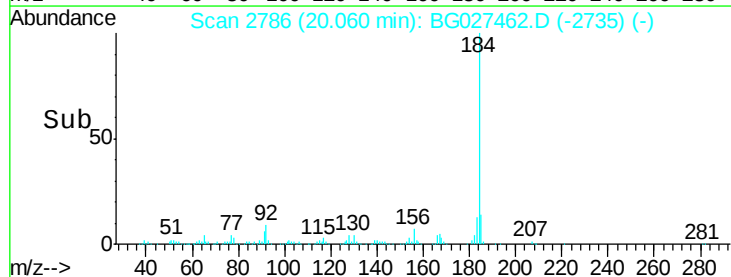
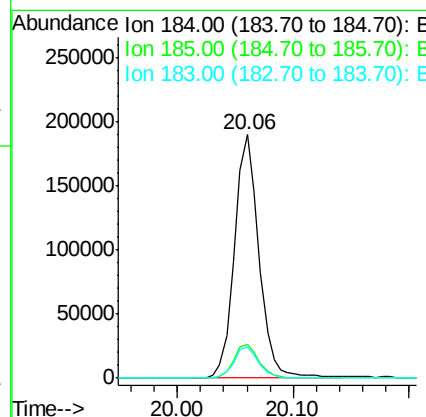
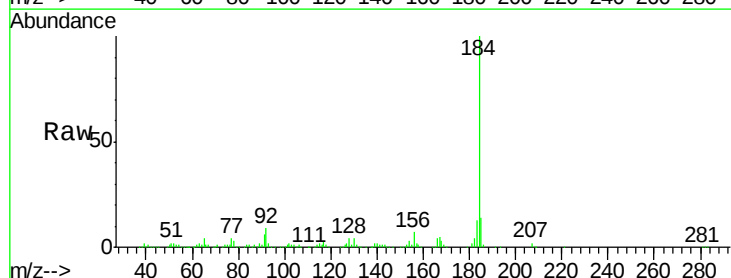
Instrument :
BNA_G
ClientSampleId :
BAYWAY-SWITCH-A

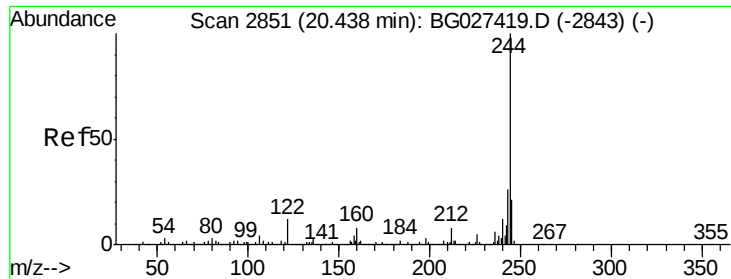
Tgt Ion:240 Resp: 378200
Ion Ratio Lower Upper
240 100
120 11.6 5.7 8.5#
236 26.1 22.2 33.4



#76
Benzidine
Concen: 33.633 ng
RT: 20.06 min Scan# 2786
Delta R.T. -0.00 min
Lab File: BG027462.D
Acq: 16 Jun 2017 4:18

Tgt Ion:184 Resp: 278906
Ion Ratio Lower Upper
184 100
185 13.9 13.0 19.6
183 12.7 11.0 16.6





#78

Terphenyl-d14

Concen: 107.270 ng

RT: 20.44 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG027462.D

Acq: 16 Jun 2017 4:18

Instrument :

BNA_G

ClientSampleId :

BAYWAY-SWITCH-A

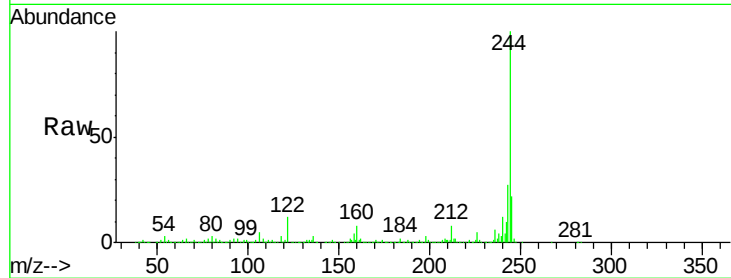
Tgt Ion:244 Resp: 1582876

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

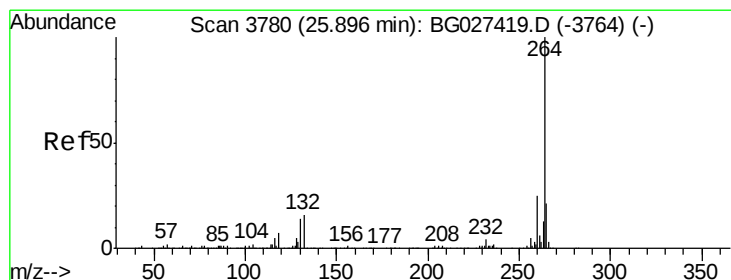
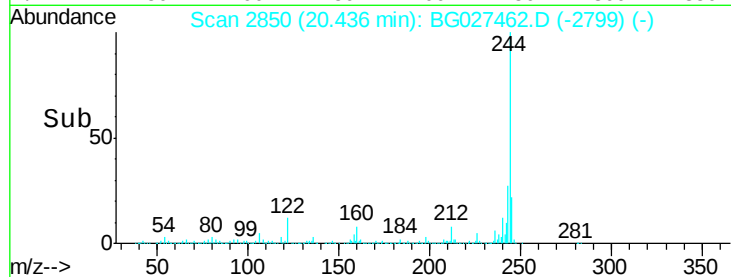
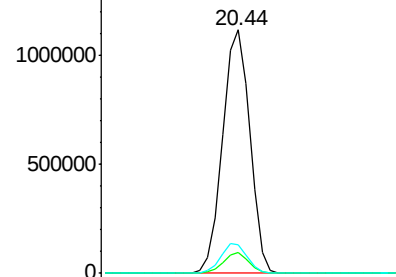
122 11.7 8.6 12.8



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: 20.000 ng

RT: 25.89 min Scan# 3778

Delta R.T. -0.01 min

Lab File: BG027462.D

Acq: 16 Jun 2017 4:18

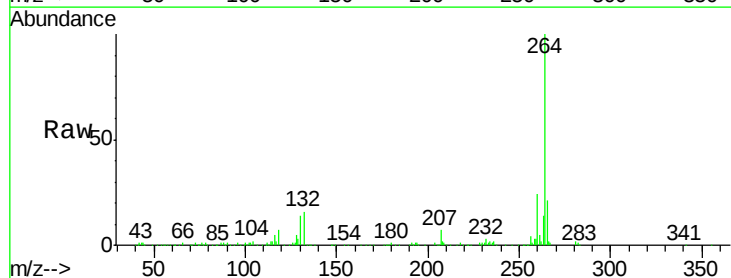
Tgt Ion:264 Resp: 365490

Ion Ratio Lower Upper

264 100

260 23.6 21.8 32.8

265 20.5 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

