

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
 Data File : BG023062.D
 Acq On : 13 Jul 2016 8:49
 Operator : UM/SJ
 Sample : H3980-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C4.1-05

Quant Time: Jul 13 13:30:21 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

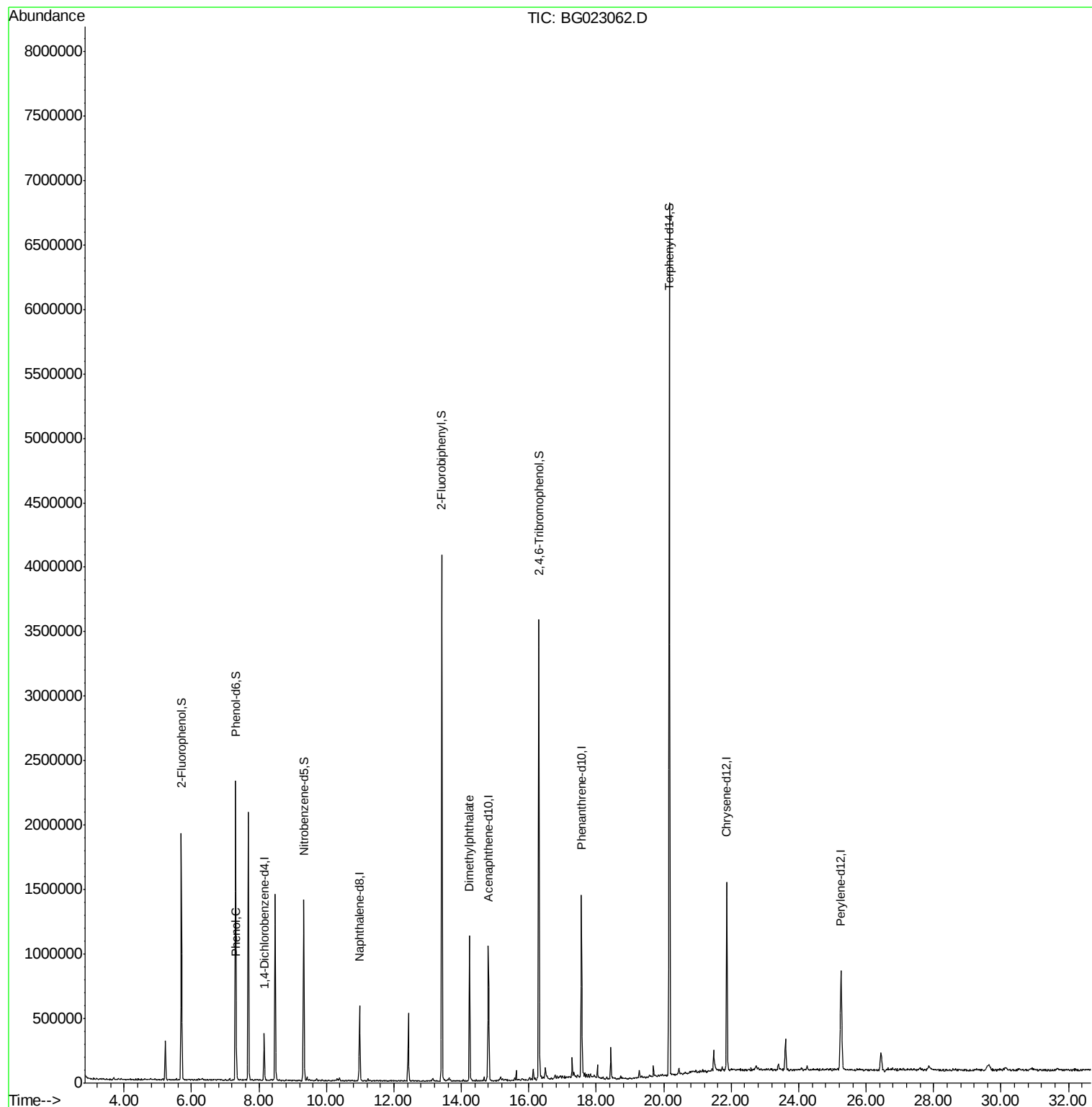
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	91417	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	459725	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	367478	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	823816	20.00	ng	0.00
75) Chrysene-d12	21.87	240	893786	20.00	ng	0.02
86) Perylene-d12	25.26	264	913000	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	775962	138.82	ng	0.00
7) Phenol-d6	7.31	99	1265254	144.53	ng	0.00
23) Nitrobenzene-d5	9.33	82	936493	87.23	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	672532	101.83	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1932591	82.84	ng	0.00
78) Terphenyl-d14	20.16	244	2572217	95.79	ng	0.00
Target Compounds						
10) Phenol	7.33	94	25576	2.84	ng	88
49) Dimethylphthalate	14.24	163	683184	22.76	ng	100

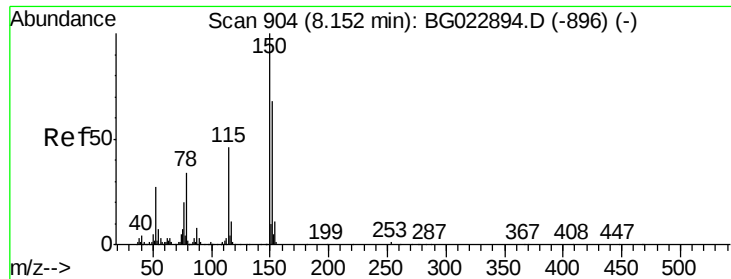
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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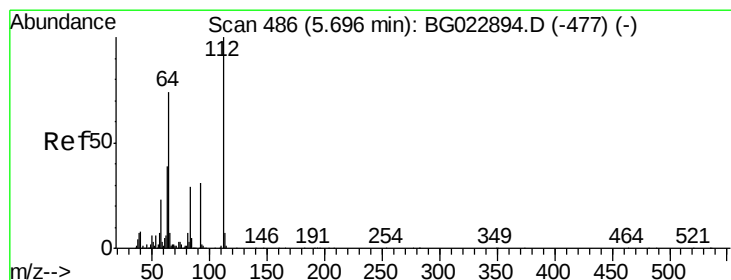
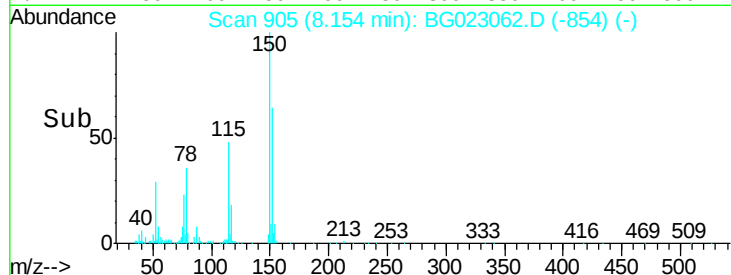
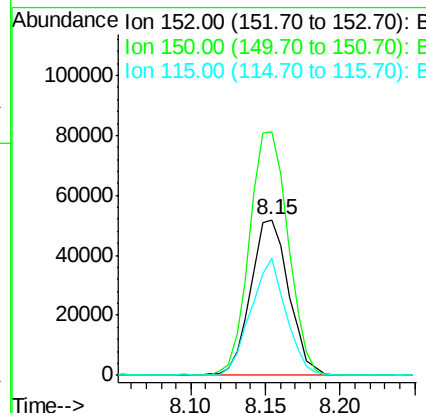
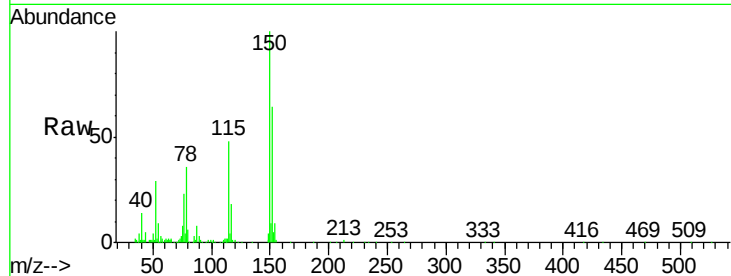


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG023062.D
Acq: 13 Jul 2016 8:49

Instrument :
BNA_G
ClientSampleId :
C4.1-05

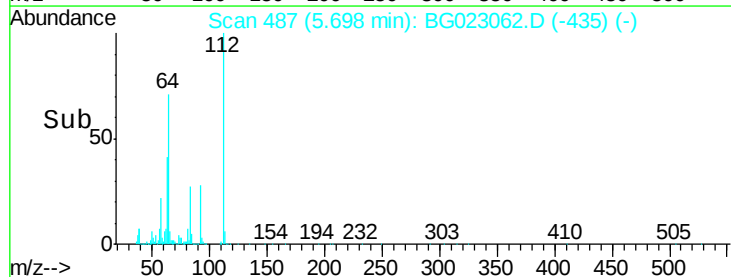
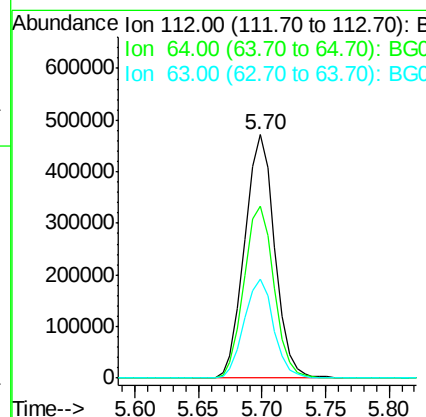
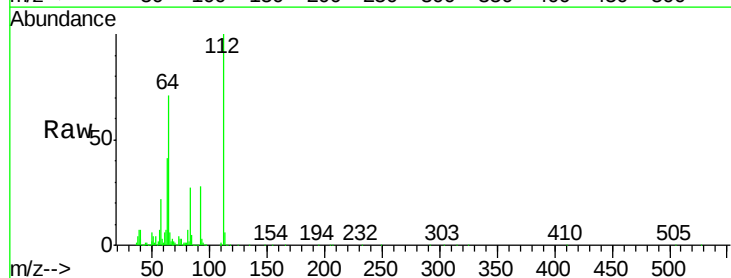
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	144.7	217.1
115	74.9	64.0	96.0

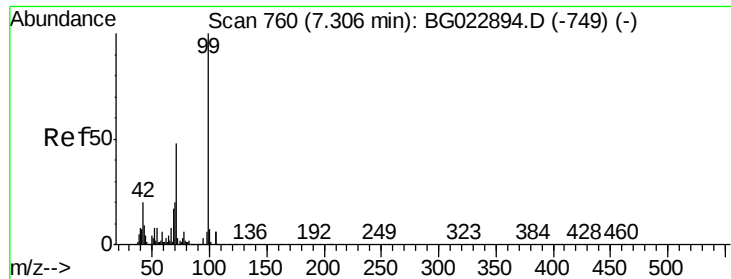


#5

2-Fluorophenol
Concen: 138.82 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG023062.D
Acq: 13 Jul 2016 8:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.8	59.0	88.4
63	40.5	37.8	56.8





#7

Phenol-d6

Concen: 144.53 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023062.D

Acq: 13 Jul 2016 8:49

Instrument :

BNA_G

ClientSampleId :

C4.1-05

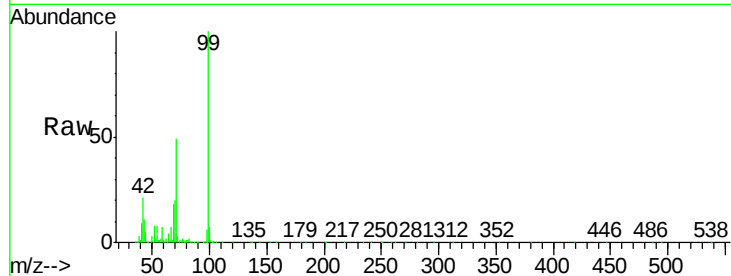
Tot Ion: 99 Resp: 1265254

Ion Ratio Lower Upper

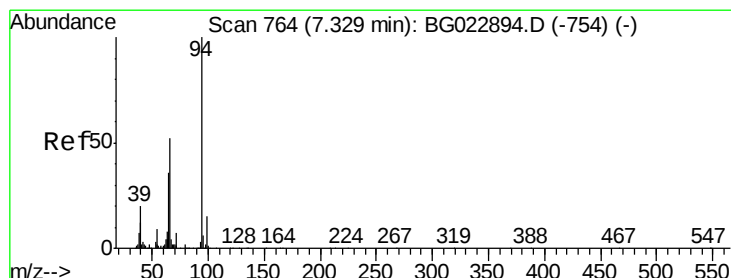
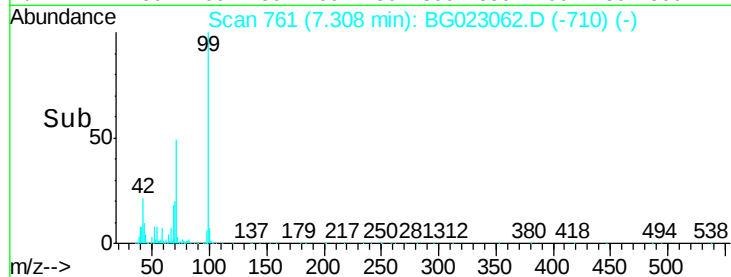
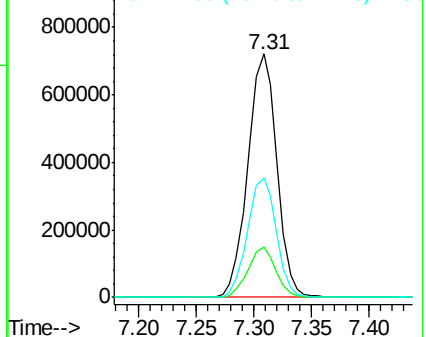
99 100

42 20.8 17.8 26.6

71 49.3 41.5 62.3



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



#10

Phenol

Concen: 2.84 ng

RT: 7.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG023062.D

Acq: 13 Jul 2016 8:49

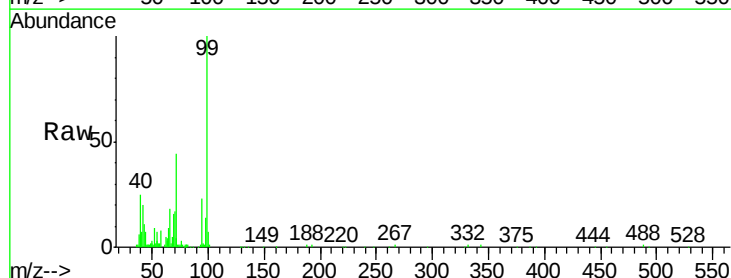
Tgt Ion: 94 Resp: 25576

Ion Ratio Lower Upper

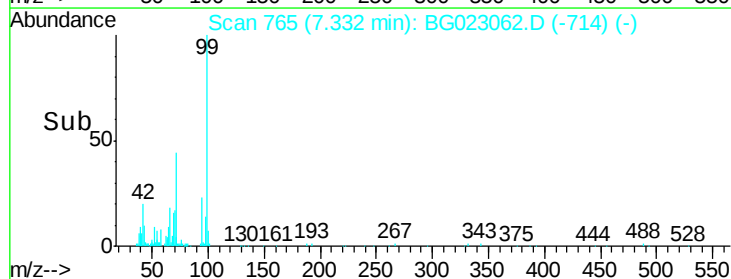
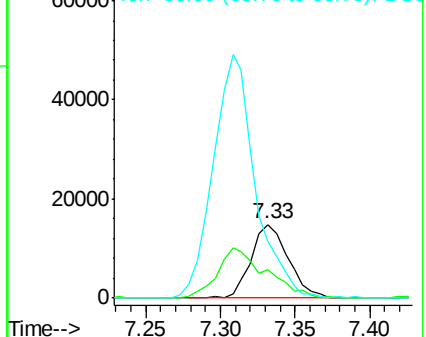
94 100

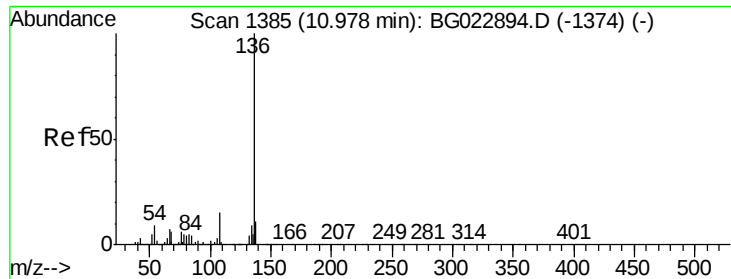
65 39.3 18.1 58.1

66 76.4 42.1 82.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

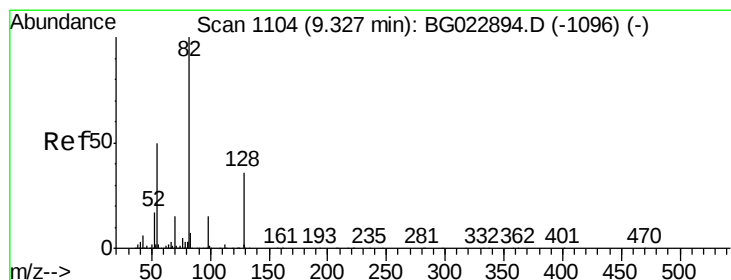
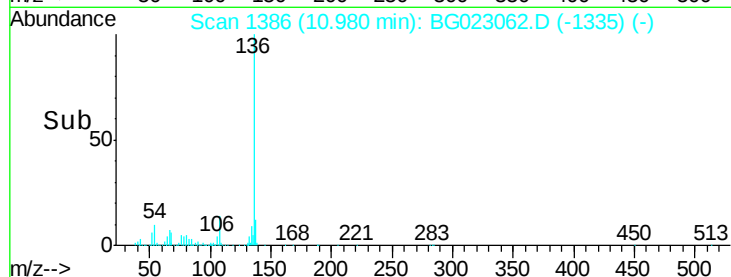
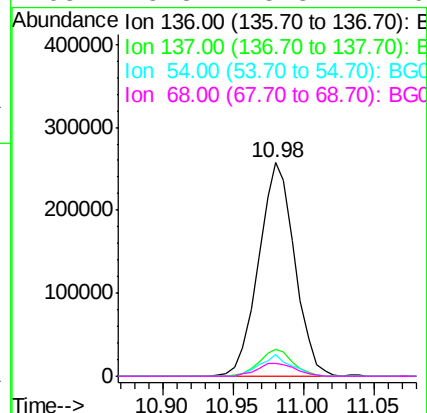
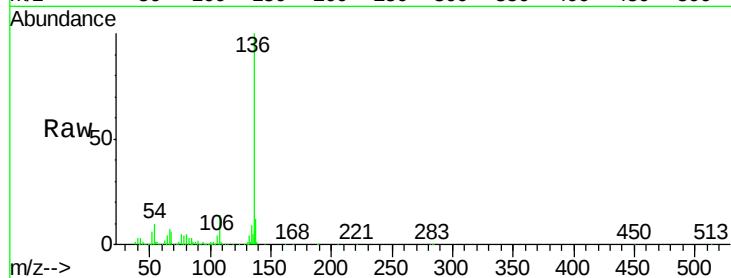




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG023062.D
Acq: 13 Jul 2016 8:49

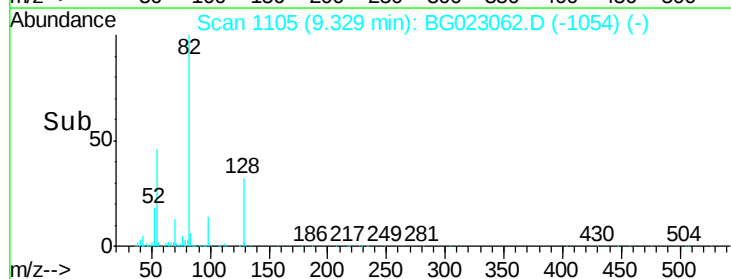
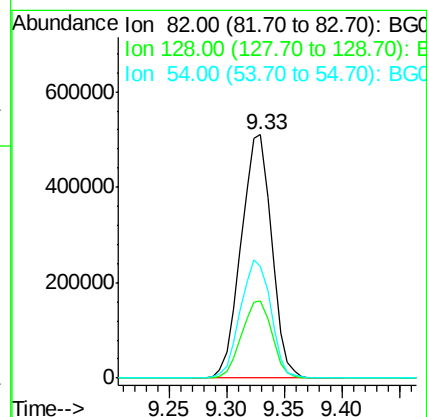
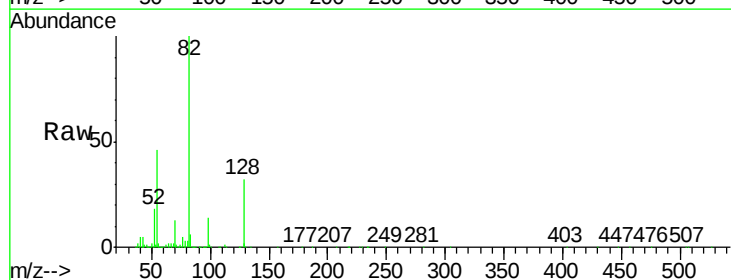
Instrument :
BNA_G
ClientSampleId :
C4.1-05

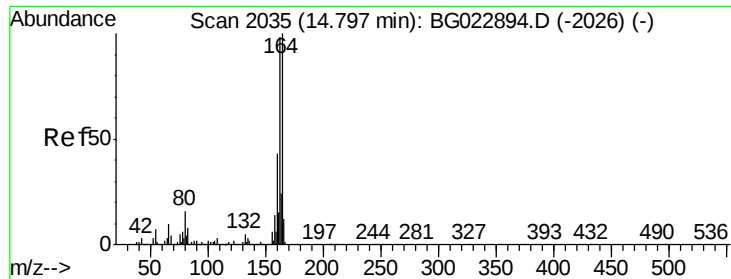
Tot Ion:136	Resp:	459725
Ion Ratio	Lower	Upper
136	100	
137	12.4	9.6 14.4
54	9.9	7.3 10.9
68	5.8	5.3 7.9



#23
Nitrobenzene-d5
Concen: 87.23 ng
RT: 9.33 min Scan# 1105
Delta R.T. 0.00 min
Lab File: BG023062.D
Acq: 13 Jul 2016 8:49

Tgt Ion: 82	Resp:	936493
Ion Ratio	Lower	Upper
82	100	
128	31.8	24.4 36.6
54	46.1	41.4 62.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG023062.D

Acq: 13 Jul 2016 8:49

Instrument :

BNA_G

ClientSampleId :

C4.1-05

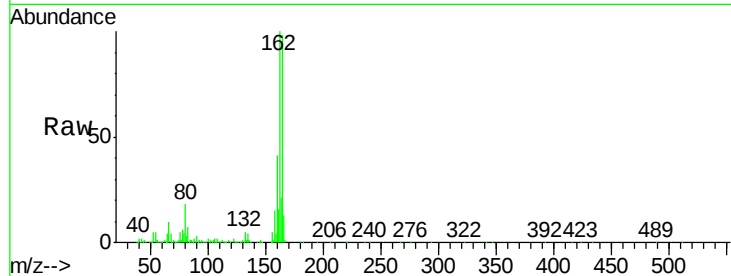
Tot Ion:164 Resp: 367478

Ion Ratio Lower Upper

164 100

162 101.9 87.7 131.5

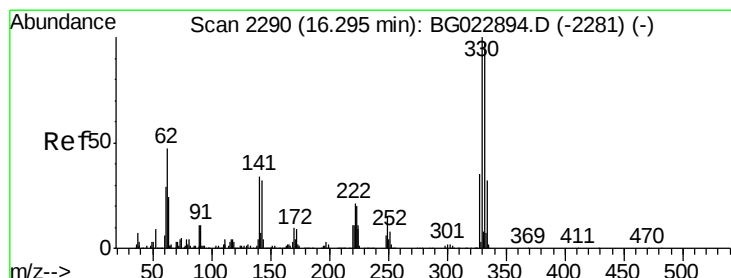
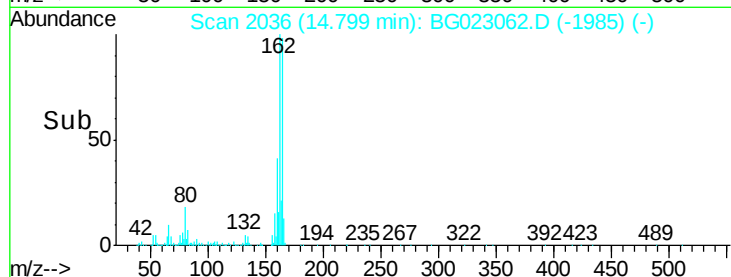
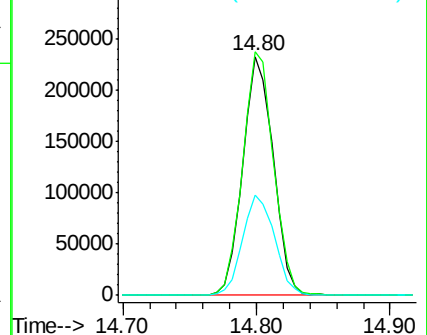
160 42.1 37.2 55.8



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: 101.83 ng

RT: 16.30 min Scan# 2291

Delta R.T. 0.00 min

Lab File: BG023062.D

Acq: 13 Jul 2016 8:49

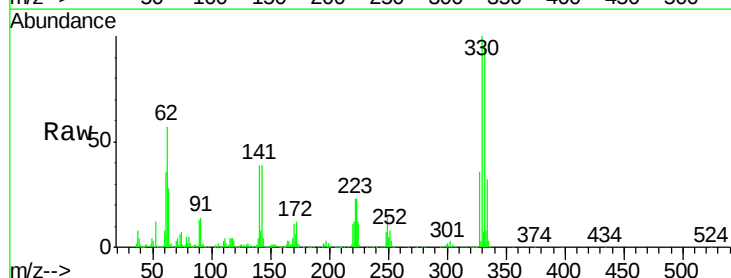
Tgt Ion:330 Resp: 672532

Ion Ratio Lower Upper

330 100

332 95.7 77.4 116.2

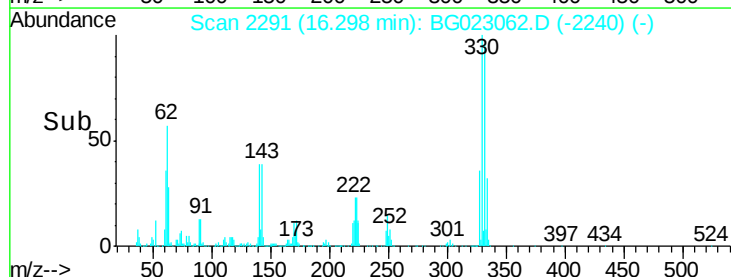
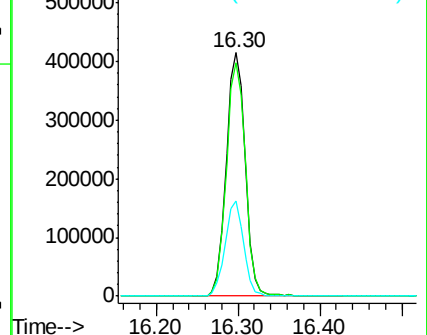
141 38.3 31.7 47.5

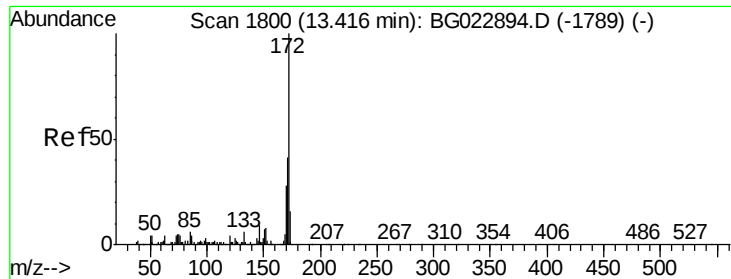


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

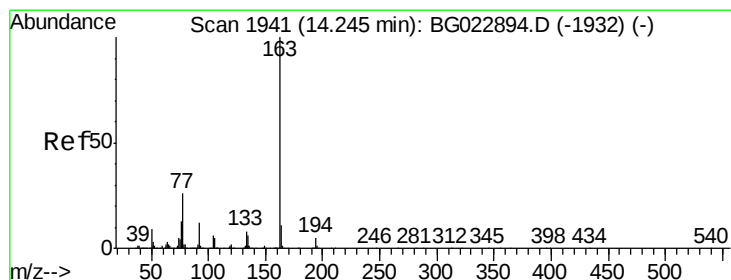
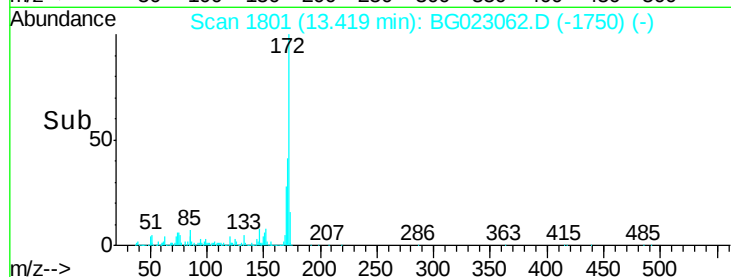
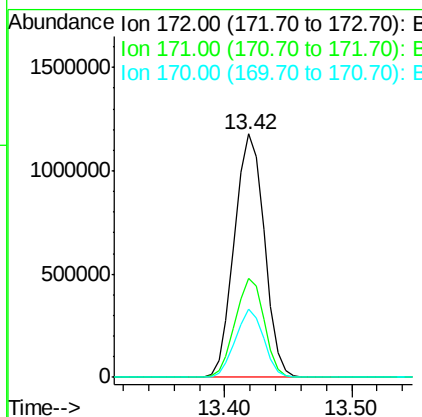
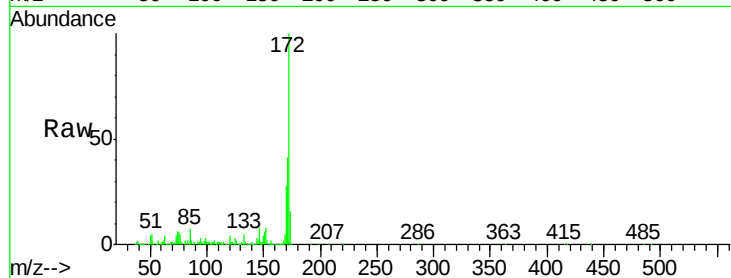




#44
2-Fluorobiphenyl
Concen: 82.84 ng
RT: 13.42 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BG023062.D
Acq: 13 Jul 2016 8:49

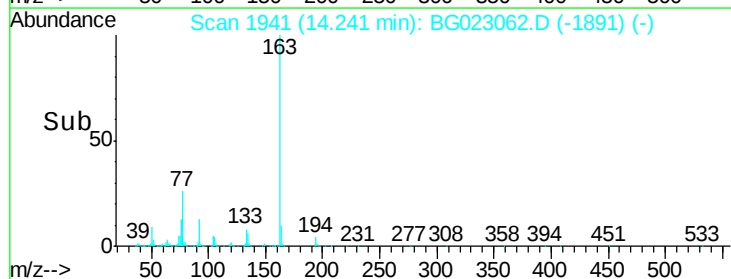
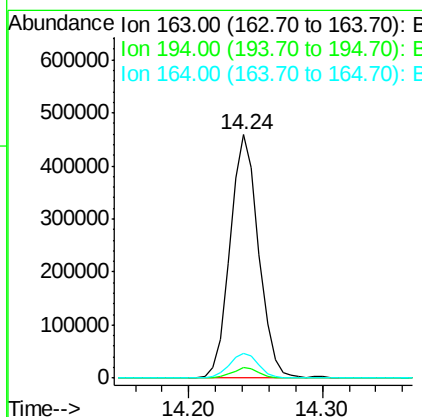
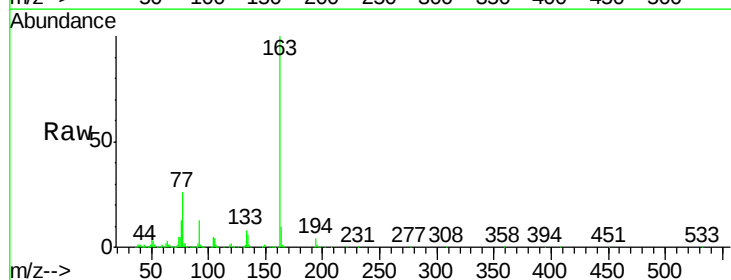
Instrument :
BNA_G
ClientSampleId :
C4.1-05

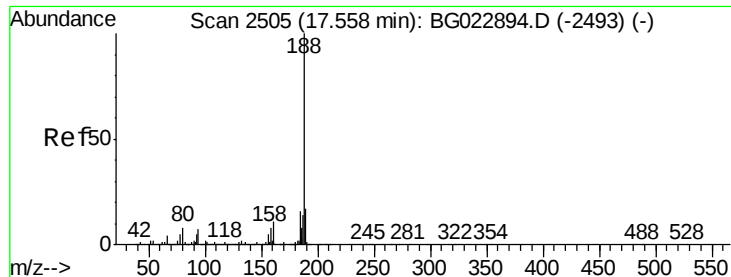
Tot Ion:172 Resp: 1932591
Ion Ratio Lower Upper
172 100
171 40.6 31.6 47.4
170 27.9 21.3 31.9



#49
Dimethylphthalate
Concen: 22.76 ng
RT: 14.24 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG023062.D
Acq: 13 Jul 2016 8:49

Tgt Ion:163 Resp: 683184
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 10.1 8.1 12.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2506

Delta R.T. 0.00 min

Lab File: BG023062.D

Acq: 13 Jul 2016 8:49

Instrument :

BNA_G

ClientSampleId :

C4.1-05

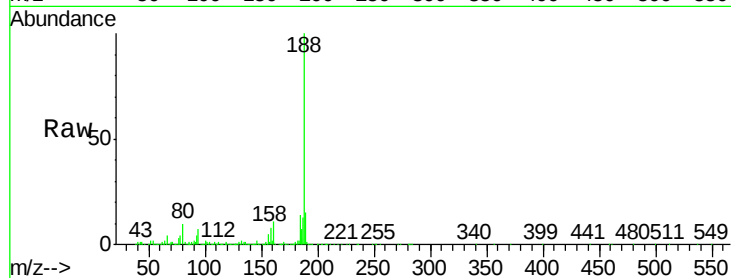
Tot Ion:188 Resp: 823816

Ion Ratio Lower Upper

188 100

94 7.1 5.2 7.8

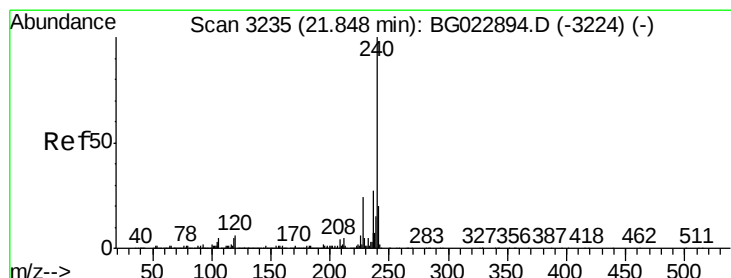
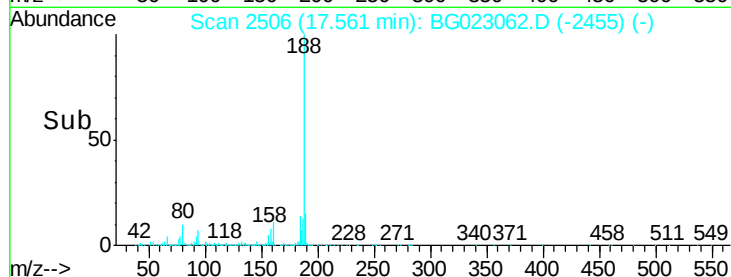
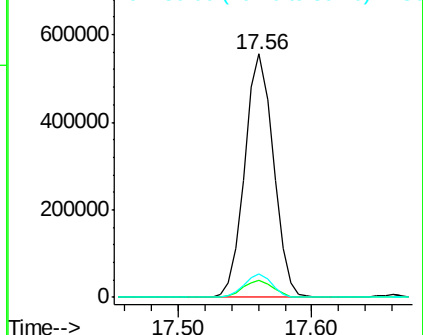
80 9.5 7.2 10.8



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: 21.87 min Scan# 3239

Delta R.T. 0.02 min

Lab File: BG023062.D

Acq: 13 Jul 2016 8:49

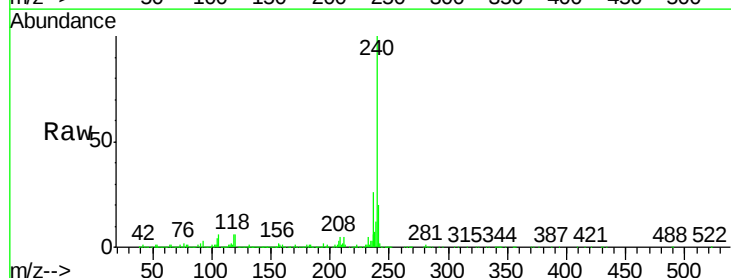
Tgt Ion:240 Resp: 893786

Ion Ratio Lower Upper

240 100

120 6.4 4.1 6.1#

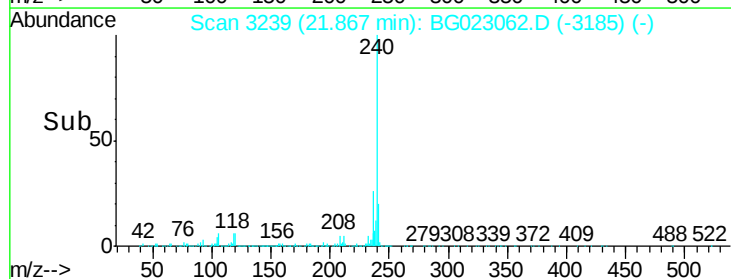
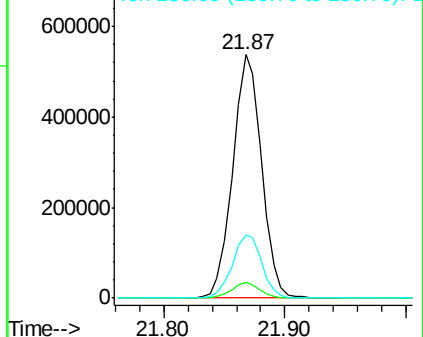
236 26.0 21.1 31.7

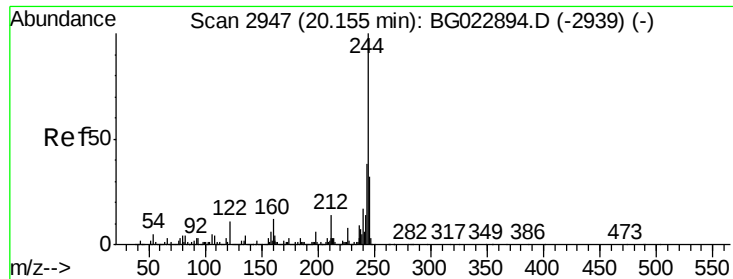


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.79 ng

RT: 20.16 min Scan# 2949

Delta R.T. 0.01 min

Lab File: BG023062.D

Acq: 13 Jul 2016 8:49

Instrument :

BNA_G

ClientSampleId :

C4.1-05

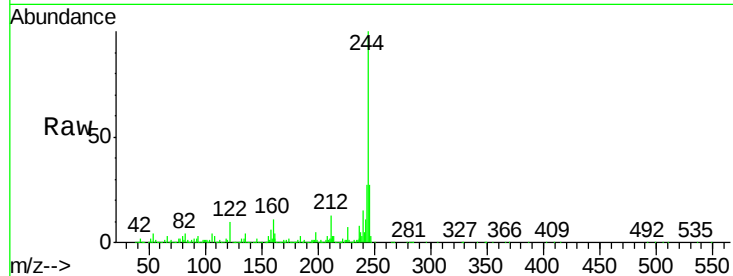
Tot Ion:244 Resp: 2572217

Ion Ratio Lower Upper

244 100

212 12.9 10.8 16.2

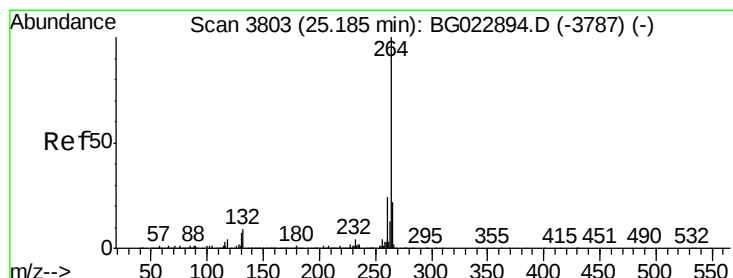
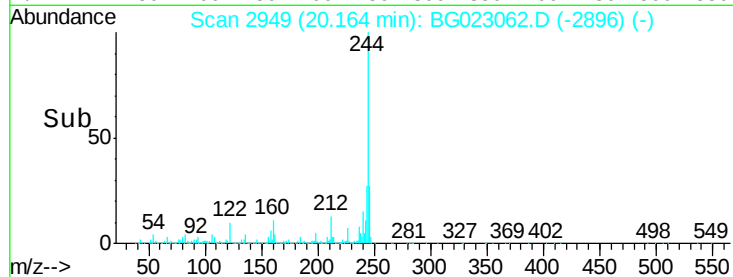
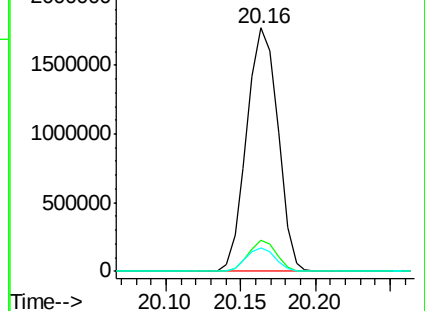
122 9.9 8.0 12.0



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: 25.26 min Scan# 3816

Delta R.T. 0.07 min

Lab File: BG023062.D

Acq: 13 Jul 2016 8:49

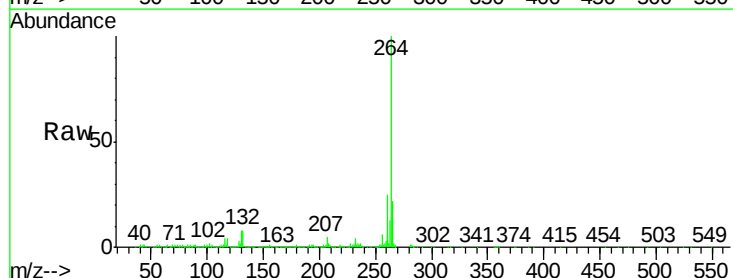
Tgt Ion:264 Resp: 913000

Ion Ratio Lower Upper

264 100

260 25.2 18.4 27.6

265 22.3 18.9 28.3



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

