

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072716\
 Data File : BG023298.D
 Acq On : 28 Jul 2016 1:01
 Operator : UM/SJ
 Sample : H4185-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TWP-03

Quant Time: Jul 28 03:27:17 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

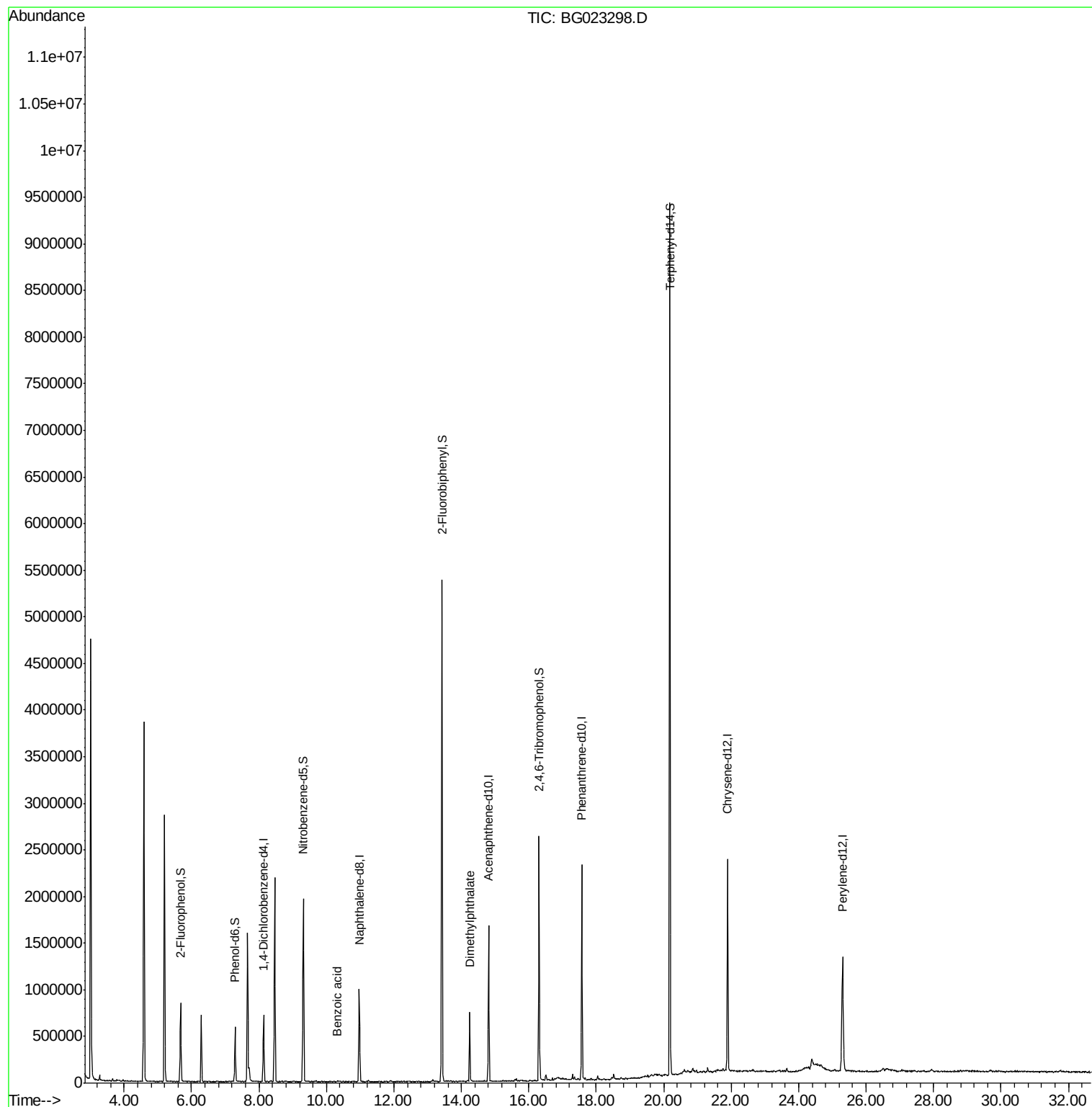
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	192744	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	823891	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	564983	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1307051	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1321044	20.00	ng	0.00
86) Perylene-d12	25.30	264	1343026	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	375401	33.25	ng	0.00
7) Phenol-d6	7.29	99	379851	21.91	ng	0.00
23) Nitrobenzene-d5	9.31	82	1288318	76.47	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	471418	80.62	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2566497	85.02	ng	0.00
78) Terphenyl-d14	20.18	244	3240232	79.73	ng	0.00
Target Compounds						
32) Benzoic acid	10.30	122	80	8.12	ng	# 27
49) Dimethylphthalate	14.24	163	479988	11.51	ng	# 99

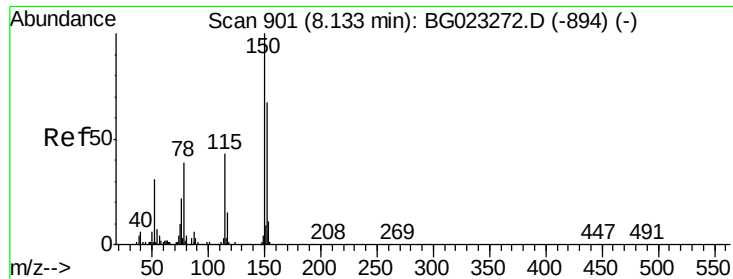
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG023298.D

Acq: 28 Jul 2016 1:01

Instrument :

BNA_G

ClientSampleId :

TWP-03

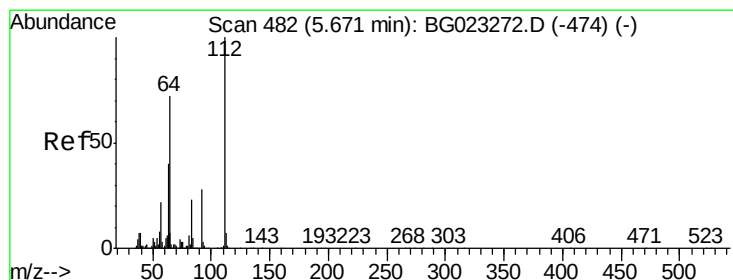
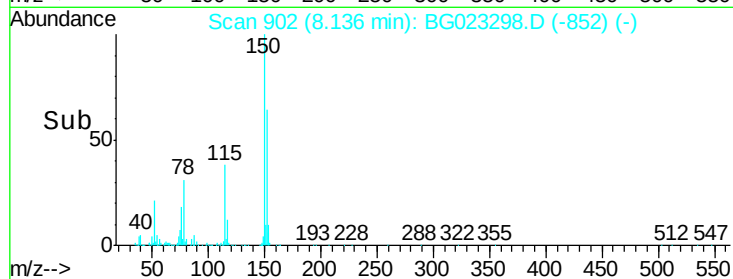
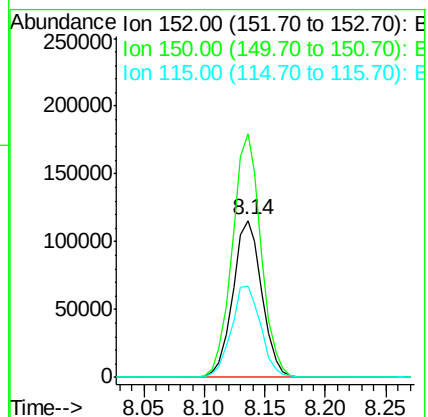
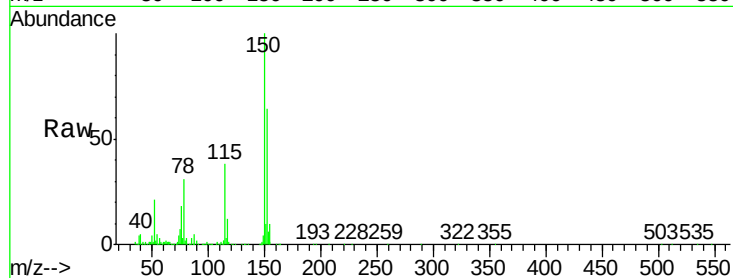
Tgt Ion:152 Resp: 192744

Ion Ratio Lower Upper

152 100

150 155.2 144.7 217.1

115 58.6 64.0 96.0#



#5

2-Fluorophenol

Concen: 33.25 ng

RT: 5.67 min Scan# 483

Delta R.T. 0.00 min

Lab File: BG023298.D

Acq: 28 Jul 2016 1:01

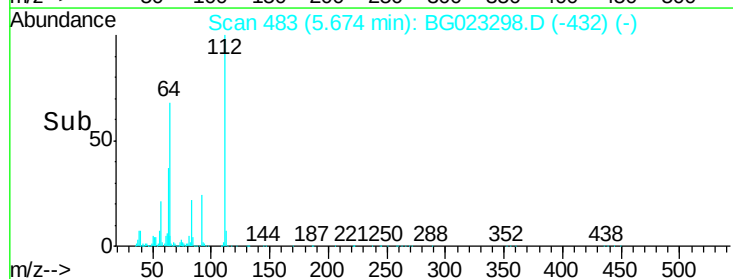
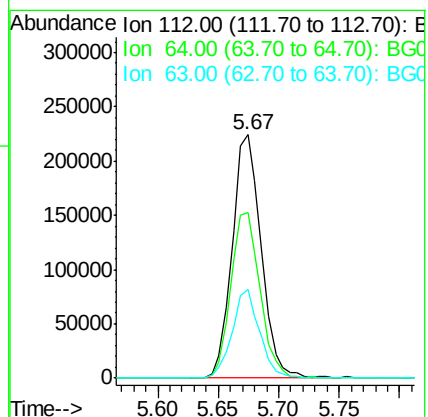
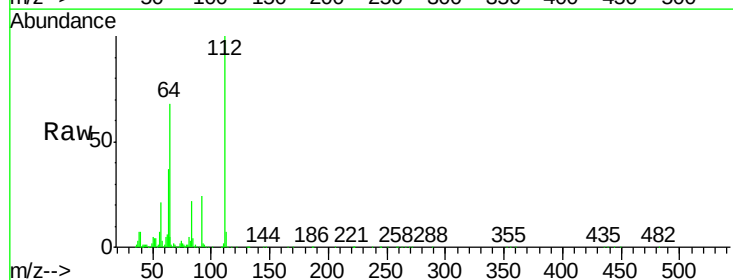
Tgt Ion:112 Resp: 375401

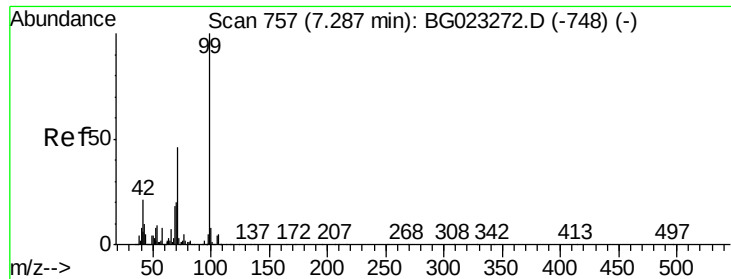
Ion Ratio Lower Upper

112 100

64 67.9 59.0 88.4

63 36.6 37.8 56.8#





#7

Phenol-d6

Concen: 21.91 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023298.D

Acq: 28 Jul 2016 1:01

Instrument :

BNA_G

ClientSampled :

TWP-03

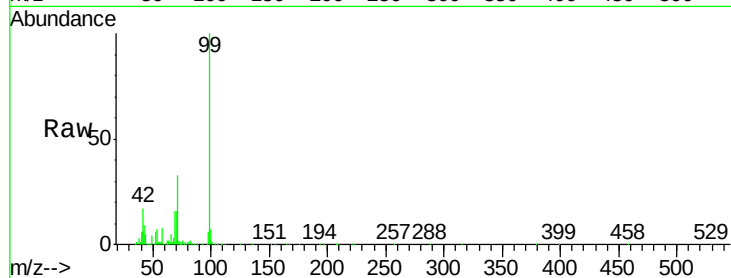
Tgt Ion: 99 Resp: 379851

Ion Ratio Lower Upper

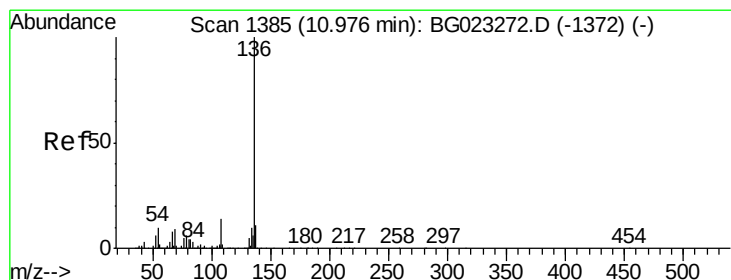
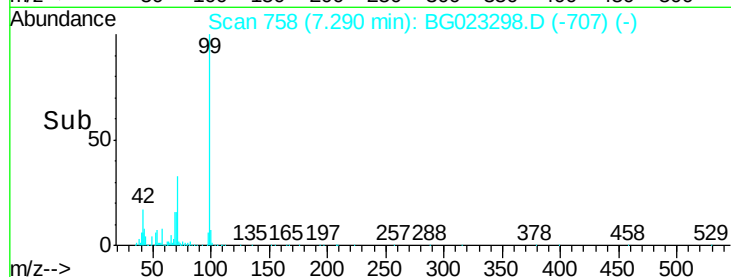
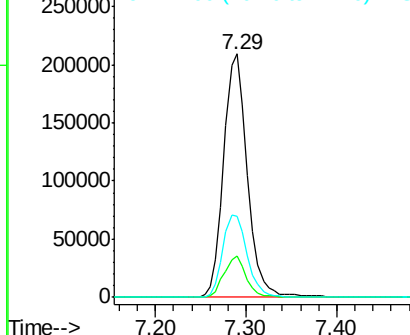
99 100

42 17.0 17.8 26.6#

71 33.3 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.97 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BG023298.D

Acq: 28 Jul 2016 1:01

Tgt Ion: 136 Resp: 823891

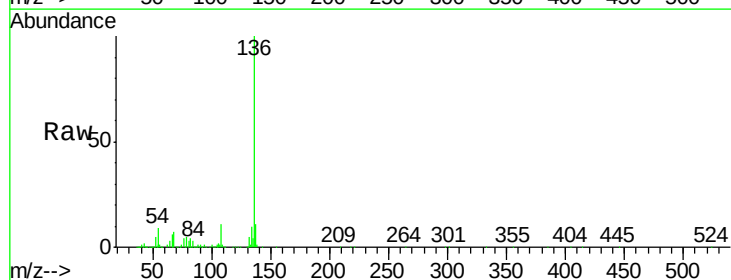
Ion Ratio Lower Upper

136 100

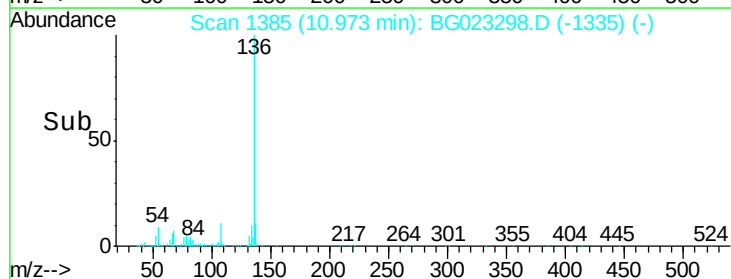
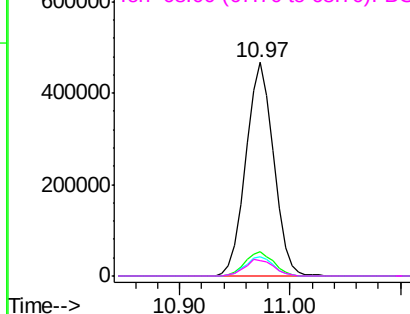
137 11.4 9.6 14.4

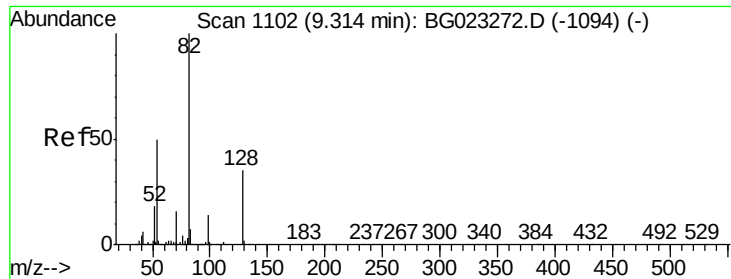
54 9.0 7.3 10.9

68 7.4 5.3 7.9



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

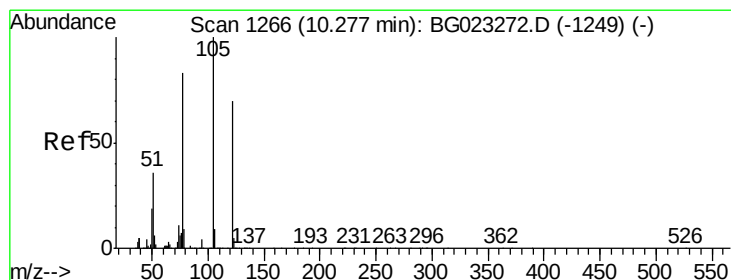
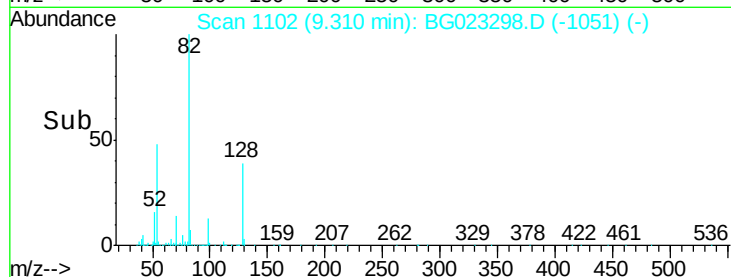
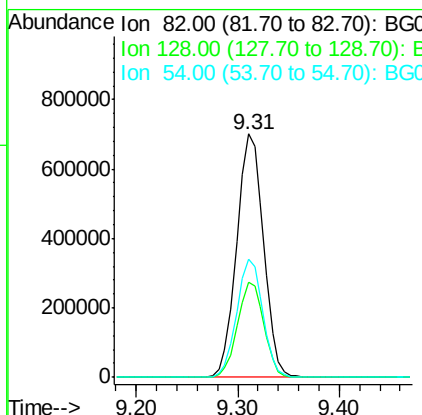
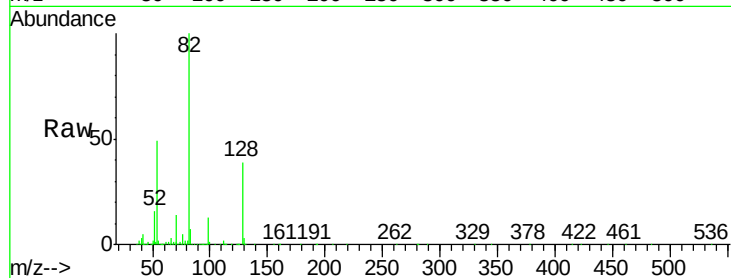




#23
 Nitrobenzene-d5
 Concen: 76.47 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023298.D
 Acq: 28 Jul 2016 1:01

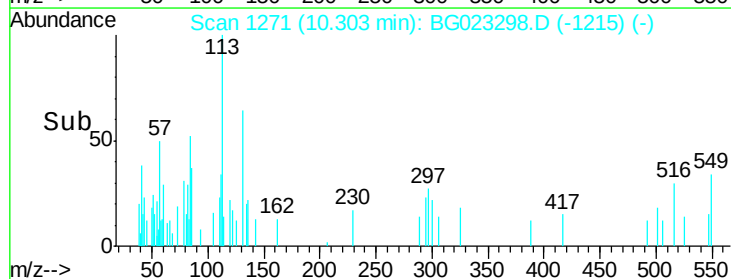
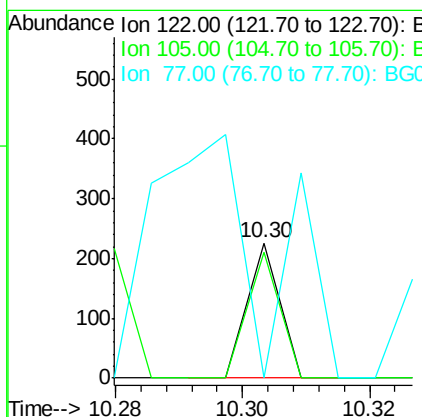
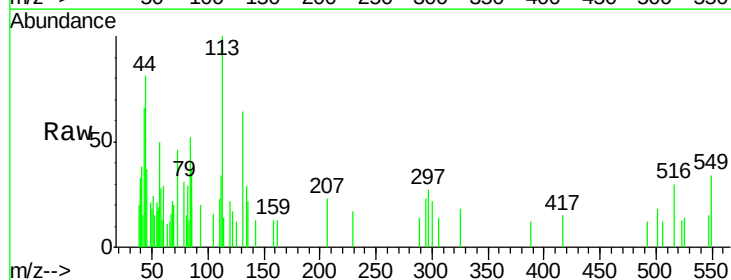
Instrument :
 BNA_G
 ClientSampleId :
 TWP-03

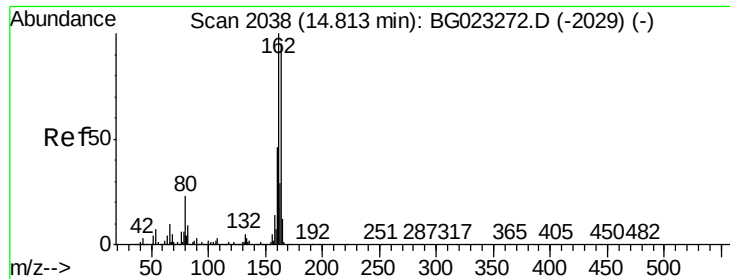
Tgt Ion: 82 Resp: 1288318
 Ion Ratio Lower Upper
 82 100
 128 38.9 24.4 36.6#
 54 48.6 41.4 62.0



#32
 Benzoic acid
 Concen: 8.12 ng
 RT: 10.30 min Scan# 1271
 Delta R.T. 0.03 min
 Lab File: BG023298.D
 Acq: 28 Jul 2016 1:01

Tgt Ion: 122 Resp: 80
 Ion Ratio Lower Upper
 122 100
 105 92.9 117.2 157.2#
 77 0.0 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BG023298.D

Acq: 28 Jul 2016 1:01

Instrument :

BNA_G

ClientSampleId :

TWP-03

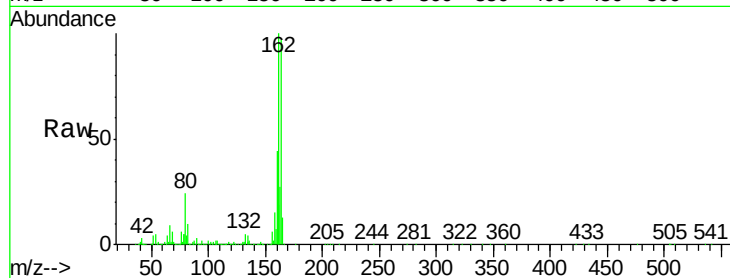
Tgt Ion:164 Resp: 564983

Ion Ratio Lower Upper

164 100

162 103.6 87.7 131.5

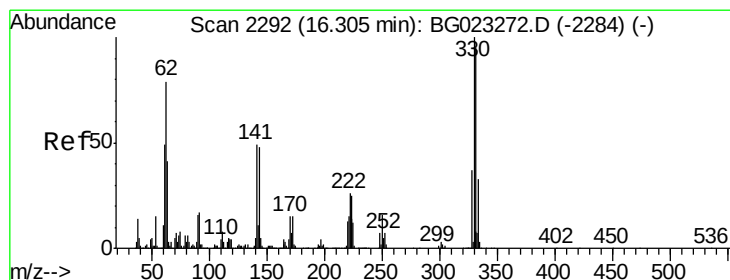
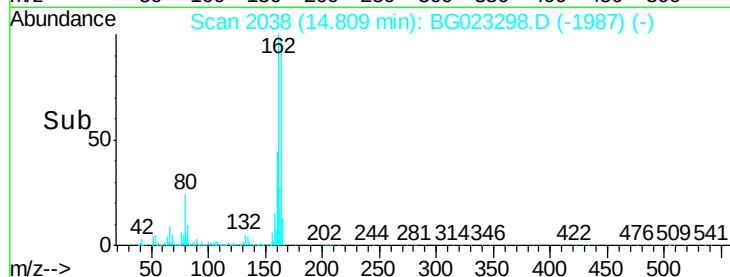
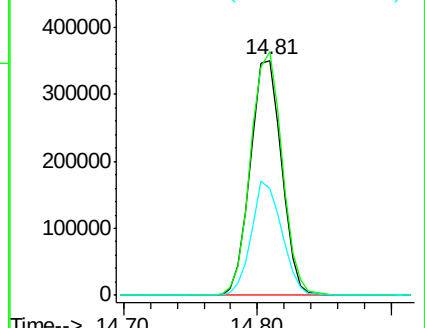
160 45.4 37.2 55.8



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: 80.62 ng

RT: 16.31 min Scan# 2293

Delta R.T. -0.00 min

Lab File: BG023298.D

Acq: 28 Jul 2016 1:01

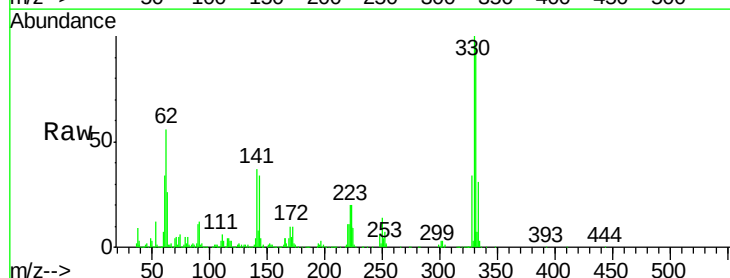
Tgt Ion:330 Resp: 471418

Ion Ratio Lower Upper

330 100

332 98.2 77.4 116.2

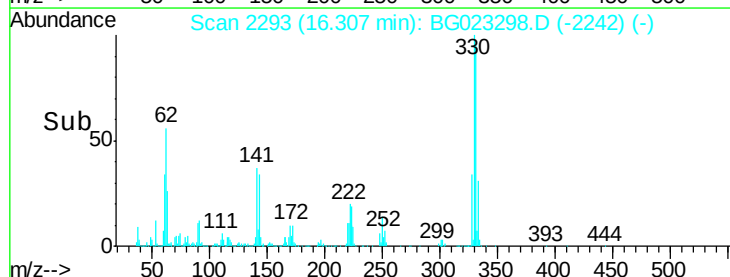
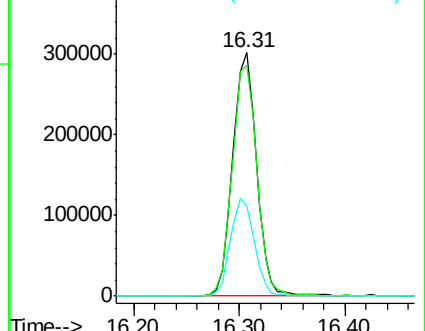
141 40.0 31.7 47.5

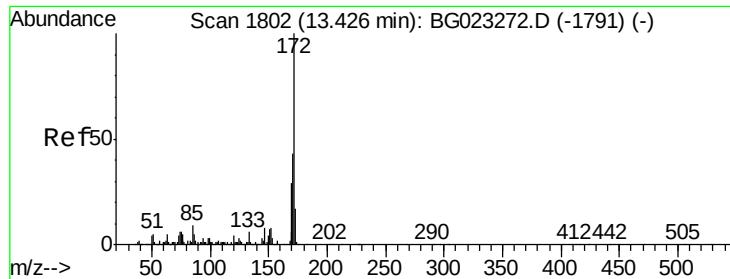


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

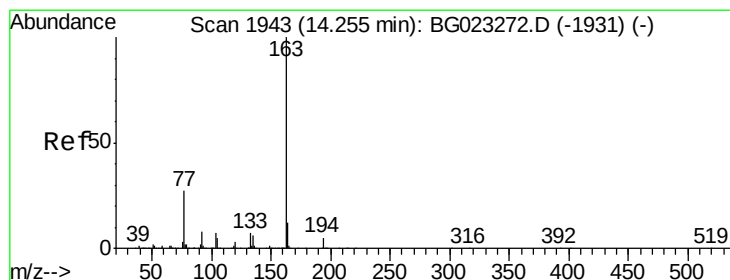
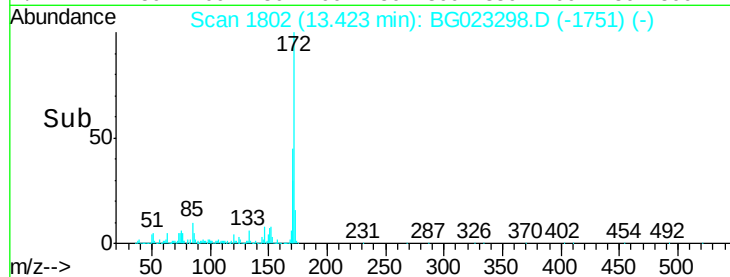
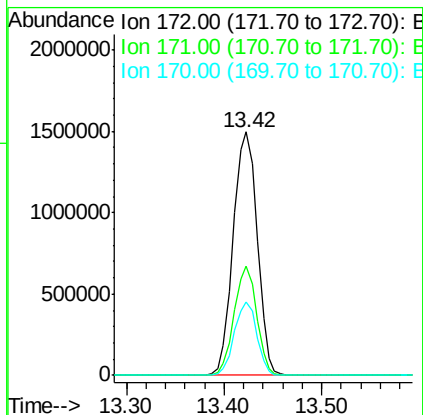
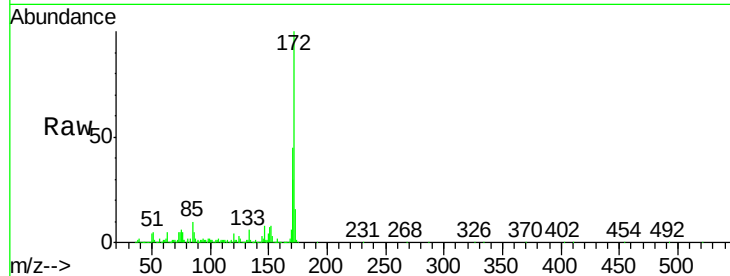




#44
2-Fluorobiphenyl
Concen: 85.02 ng
RT: 13.42 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG023298.D
Acq: 28 Jul 2016 1:01

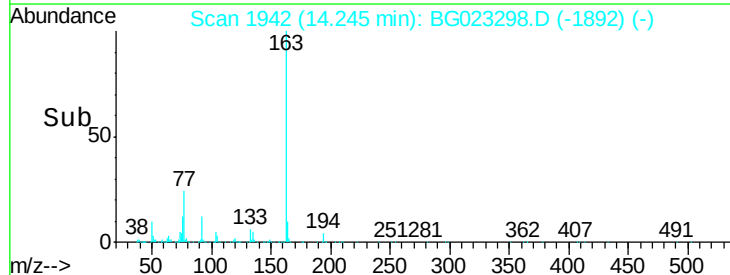
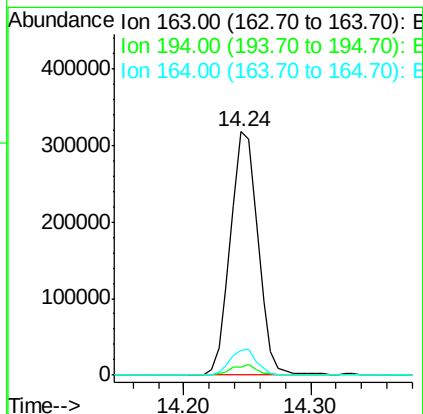
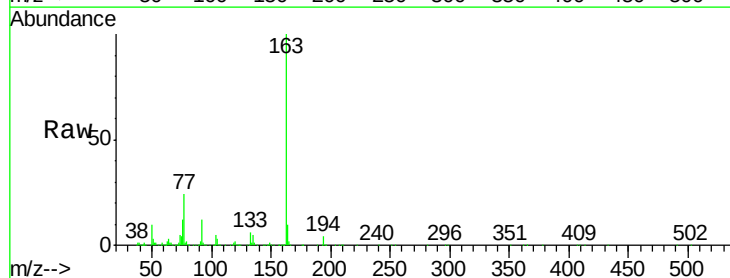
Instrument :
BNA_G
ClientSampleId :
TWP-03

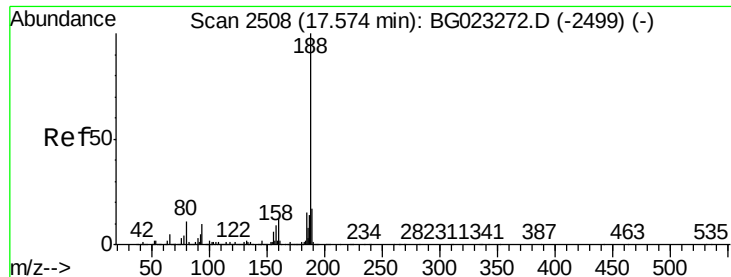
Tgt Ion:172 Resp: 2566497
Ion Ratio Lower Upper
172 100
171 44.6 31.6 47.4
170 30.4 21.3 31.9



#49
Dimethylphthalate
Concen: 11.51 ng
RT: 14.24 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BG023298.D
Acq: 28 Jul 2016 1:01

Tgt Ion:163 Resp: 479988
Ion Ratio Lower Upper
163 100
194 3.5 3.6 5.4#
164 10.4 8.1 12.1

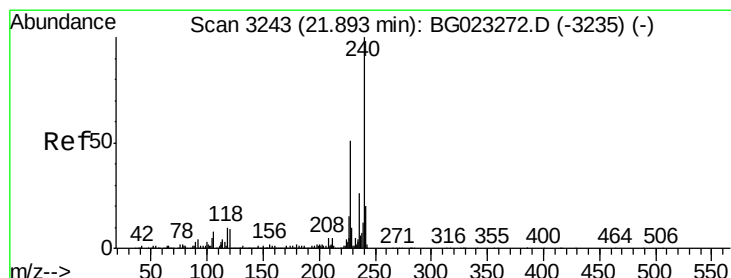
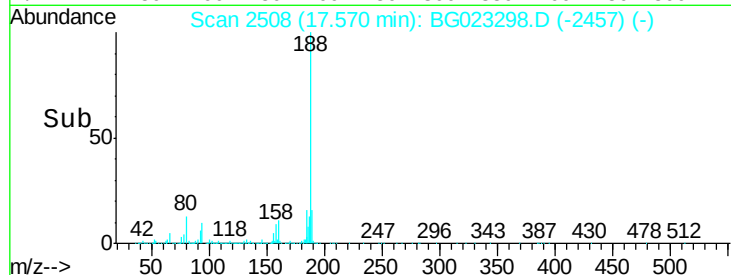
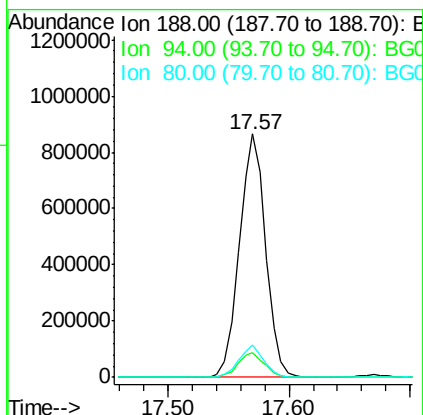
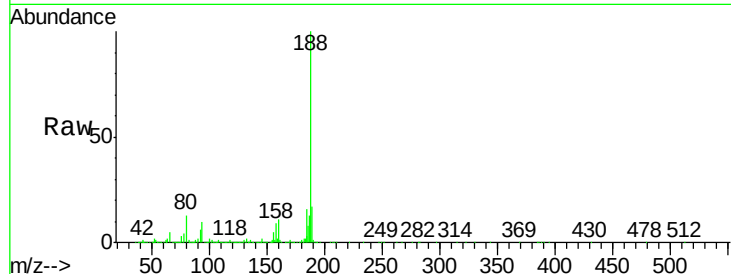




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. -0.00 min
Lab File: BG023298.D
Acq: 28 Jul 2016 1:01

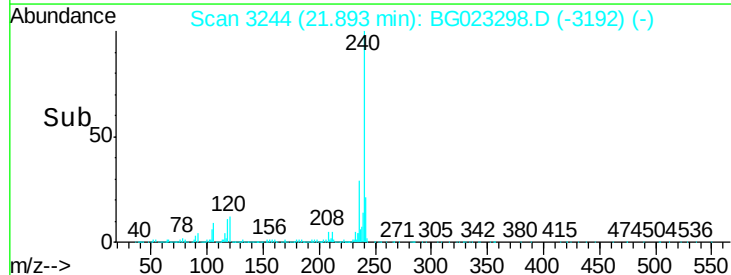
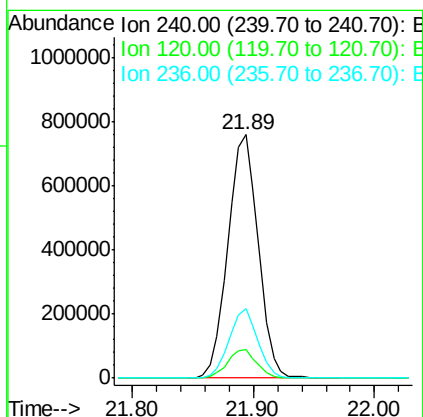
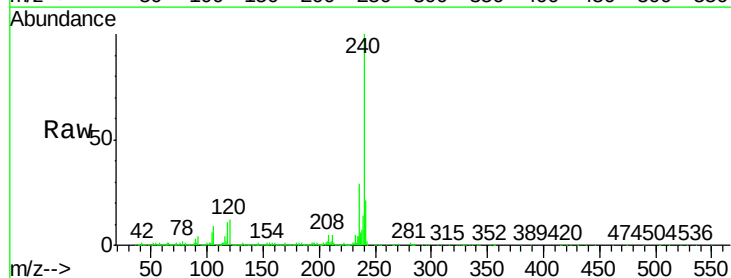
Instrument :
BNA_G
ClientSampleId :
TWP-03

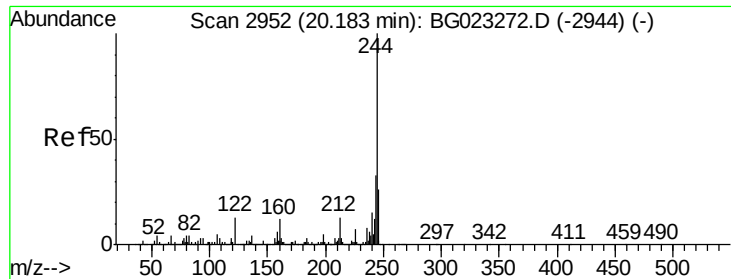
Tgt Ion:188 Resp: 1307051
Ion Ratio Lower Upper
188 100
94 10.1 5.2 7.8#
80 13.3 7.2 10.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3244
Delta R.T. 0.00 min
Lab File: BG023298.D
Acq: 28 Jul 2016 1:01

Tgt Ion:240 Resp: 1321044
Ion Ratio Lower Upper
240 100
120 11.9 4.1 6.1#
236 28.6 21.1 31.7





#78

Terphenyl-d14

Concen: 79.73 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023298.D

Acq: 28 Jul 2016 1:01

Instrument :

BNA_G

ClientSampleId :

TWP-03

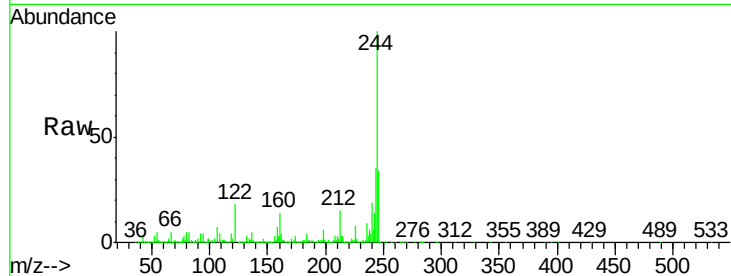
Tgt Ion:244 Resp: 3240232

Ion Ratio Lower Upper

244 100

212 14.8 10.8 16.2

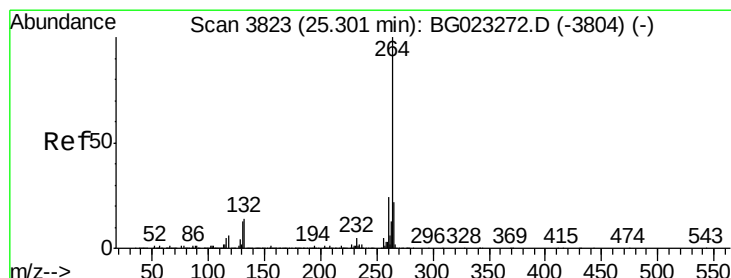
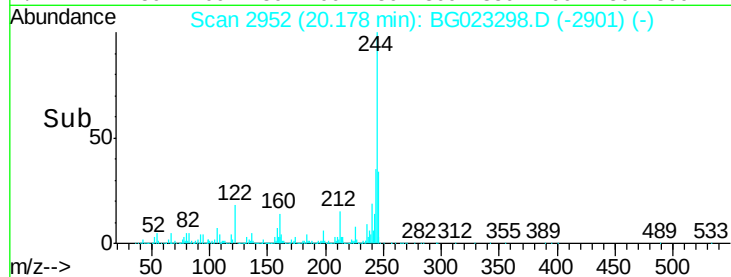
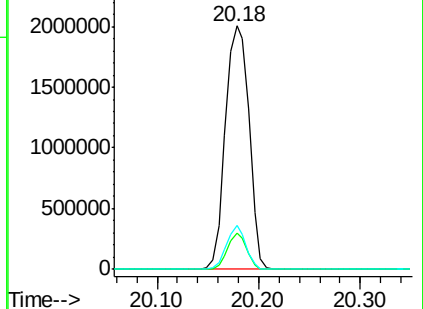
122 17.9 8.0 12.0#



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: 25.30 min Scan# 3824

Delta R.T. -0.00 min

Lab File: BG023298.D

Acq: 28 Jul 2016 1:01

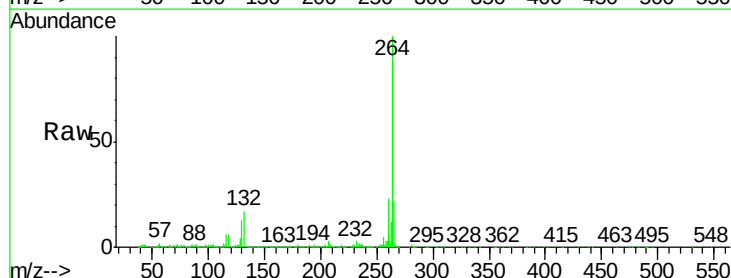
Tgt Ion:264 Resp: 1343026

Ion Ratio Lower Upper

264 100

260 23.1 18.4 27.6

265 22.2 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

