

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072716\
 Data File : BG023299.D
 Acq On : 28 Jul 2016 1:40
 Operator : UM/SJ
 Sample : H4185-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TWP-01

Quant Time: Jul 28 03:27:29 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

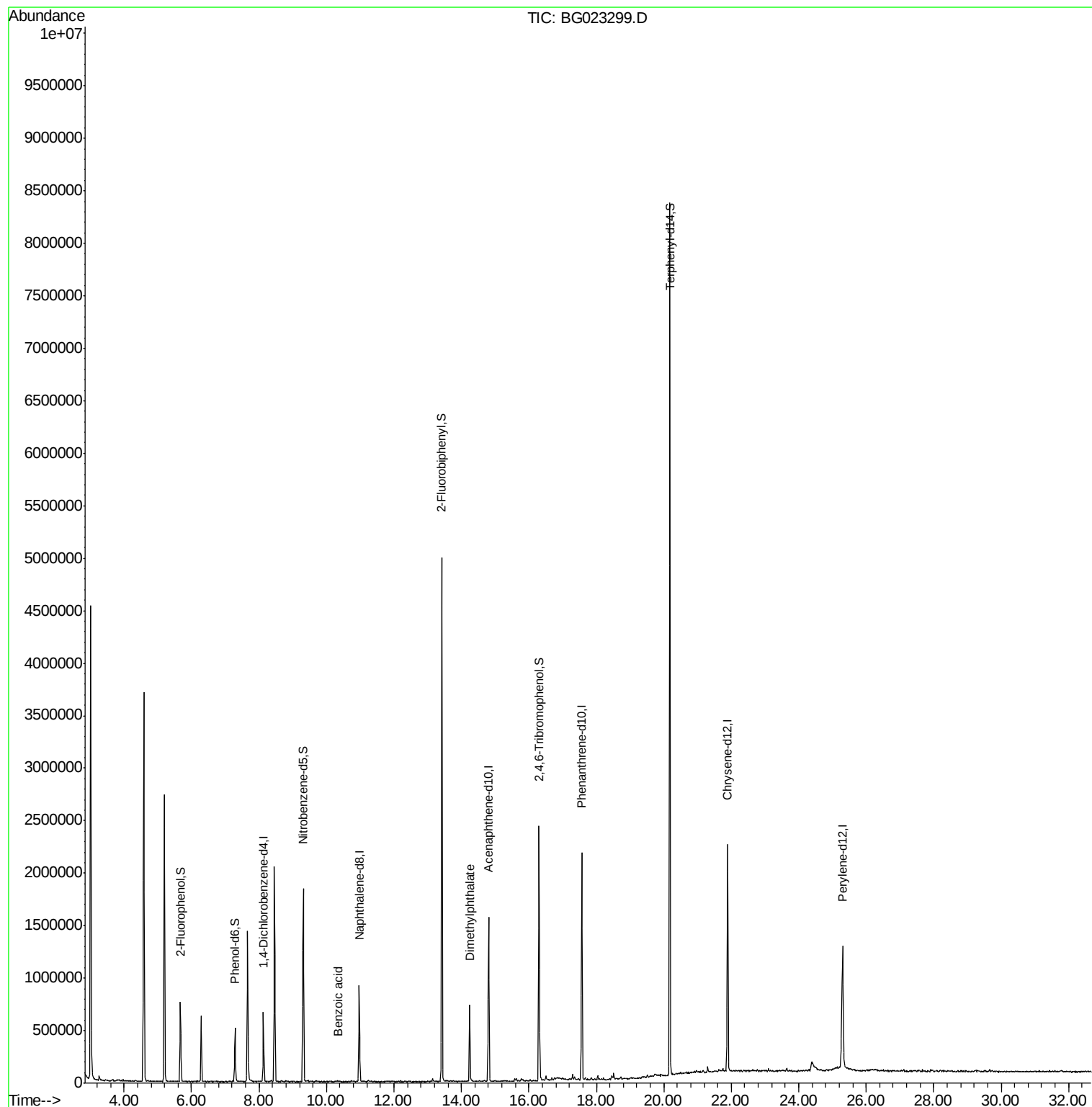
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	179171	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	786172	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	533925	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1267919	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1259092	20.00	ng	0.00
86) Perylene-d12	25.30	264	1287012	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	337347	32.14	ng	0.00
7) Phenol-d6	7.29	99	336987	20.91	ng	0.00
23) Nitrobenzene-d5	9.31	82	1189009	73.96	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	437946	79.25	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2375860	83.28	ng	0.00
78) Terphenyl-d14	20.18	244	3005520	77.60	ng	0.00
Target Compounds						
32) Benzoic acid	10.35	122	126	8.12	ng	Qvalue # 1
49) Dimethylphthalate	14.25	163	474105	12.03	ng	98

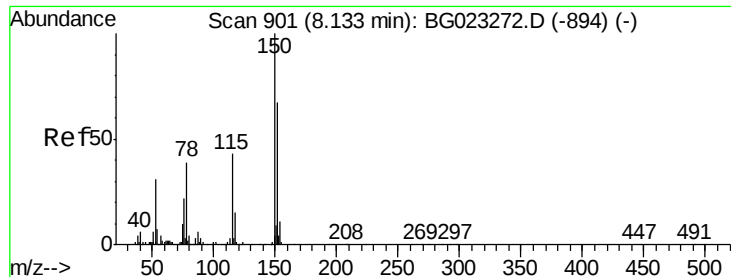
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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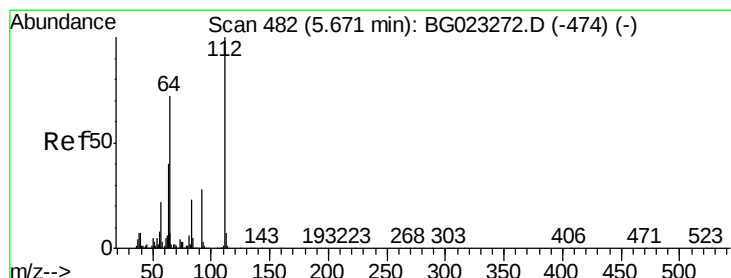
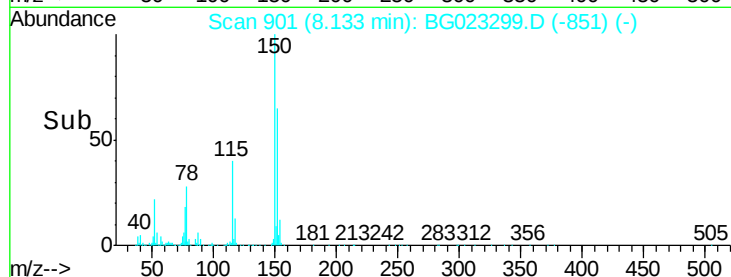
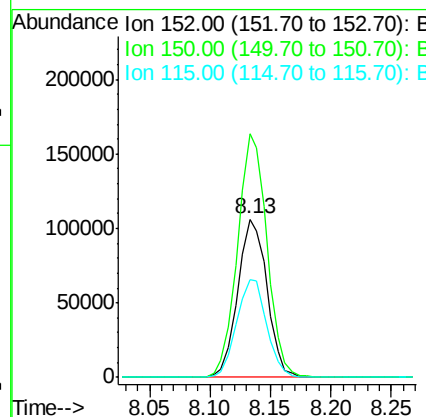
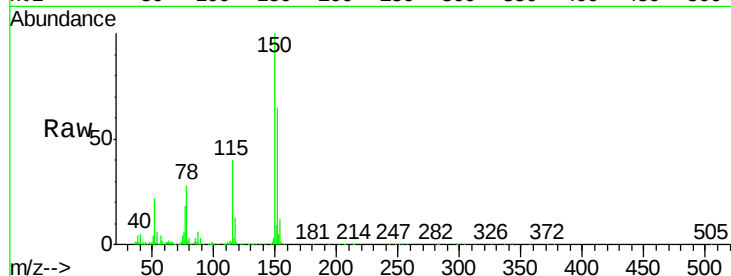


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.13 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BG023299.D
 Acq: 28 Jul 2016 1:40

Instrument :
 BNA_G
 ClientSampleId :
 TWP-01

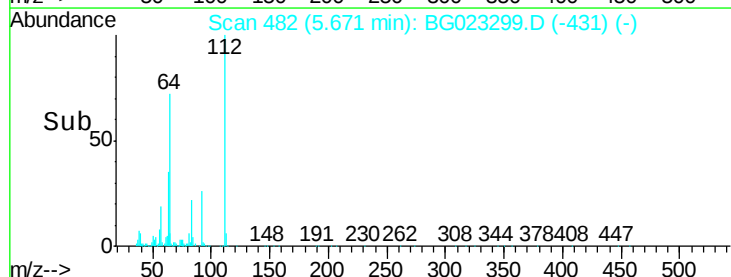
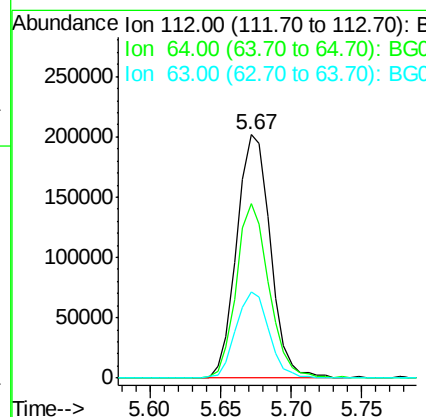
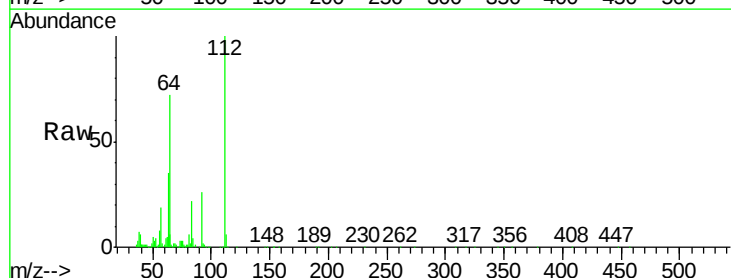
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.0	144.7	217.1
115	61.8	64.0	96.0

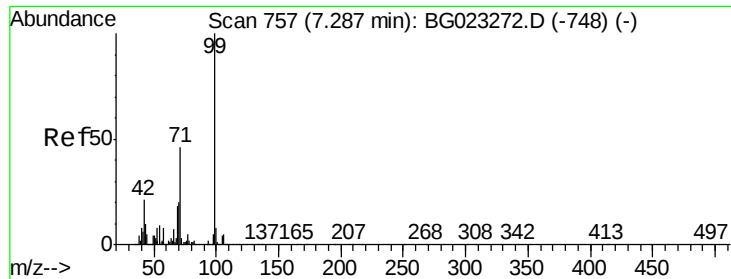


#5

2-Fluorophenol
 Concen: 32.14 ng
 RT: 5.67 min Scan# 482
 Delta R.T. -0.00 min
 Lab File: BG023299.D
 Acq: 28 Jul 2016 1:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.6	59.0	88.4
63	35.3	37.8	56.8





#7

Phenol-d6

Concen: 20.91 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023299.D

Acq: 28 Jul 2016 1:40

Instrument :

BNA_G

ClientSampleId :

TWP-01

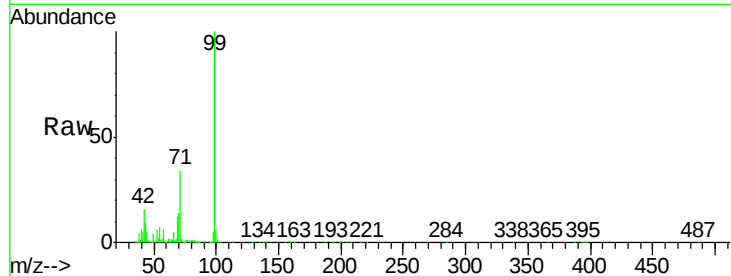
Tgt Ion: 99 Resp: 336987

Ion Ratio Lower Upper

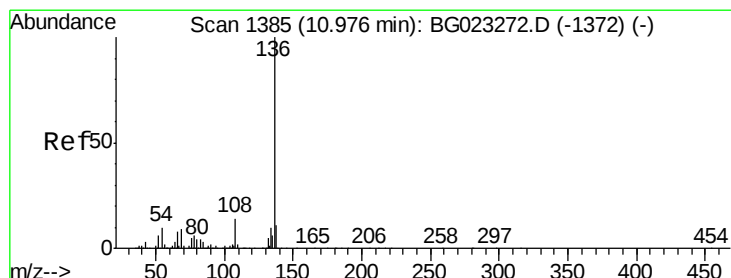
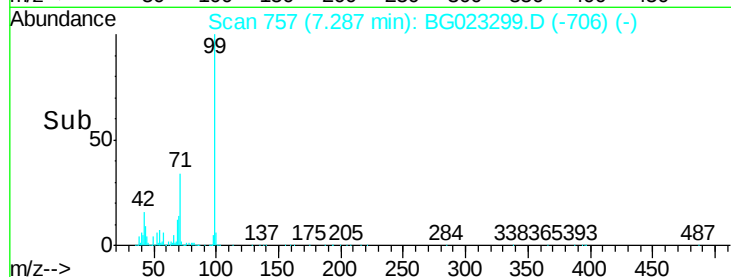
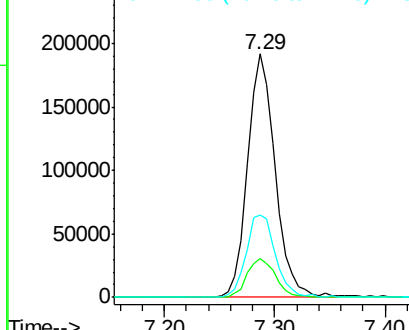
99 100

42 16.0 17.8 26.6#

71 33.6 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# 1384

Delta R.T. -0.01 min

Lab File: BG023299.D

Acq: 28 Jul 2016 1:40

Tgt Ion: 136 Resp: 786172

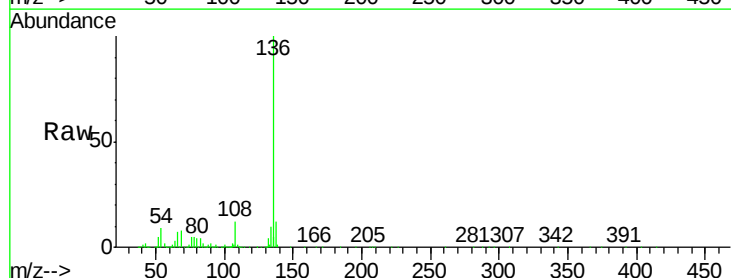
Ion Ratio Lower Upper

136 100

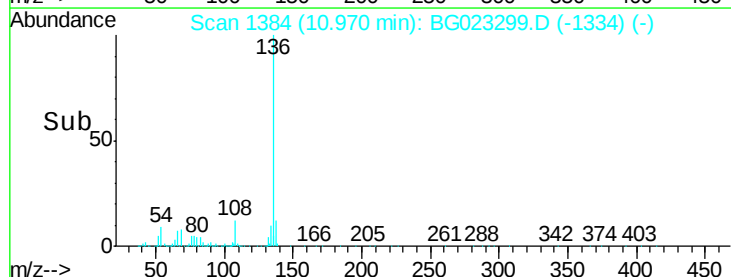
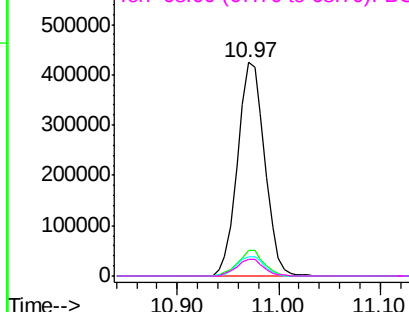
137 12.2 9.6 14.4

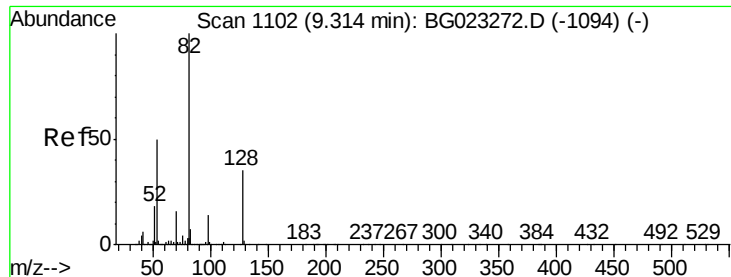
54 8.9 7.3 10.9

68 8.0 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

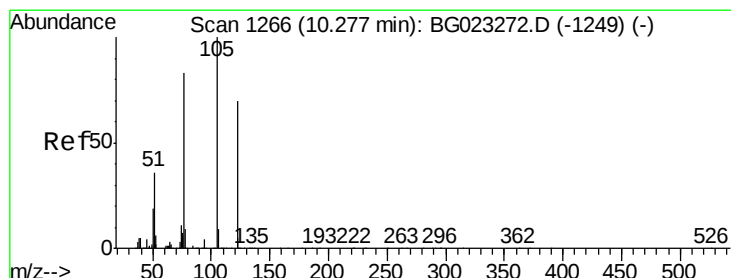
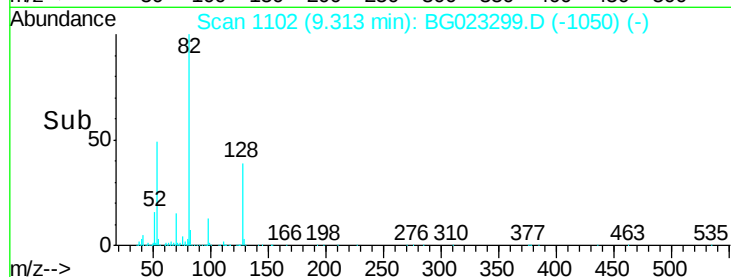
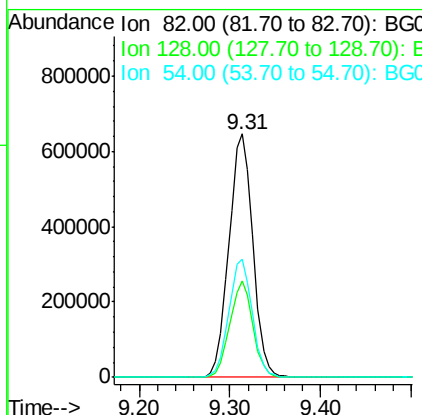
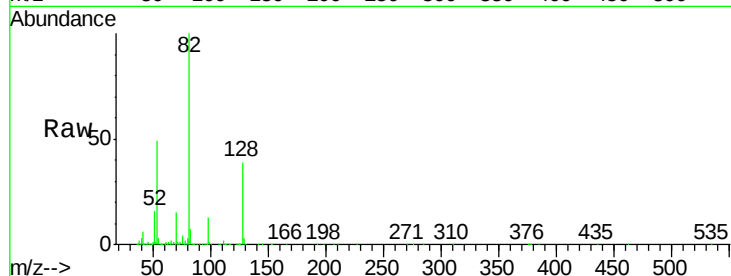




#23
 Nitrobenzene-d5
 Concen: 73.96 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023299.D
 Acq: 28 Jul 2016 1:40

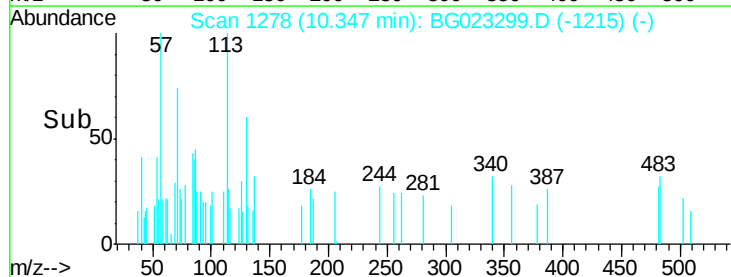
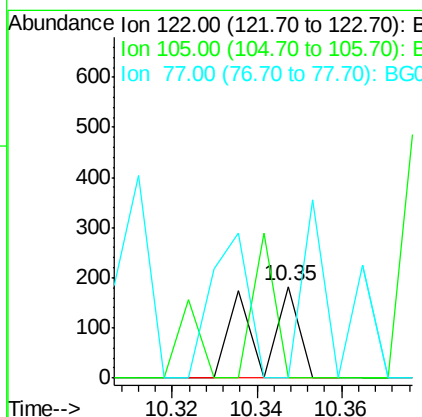
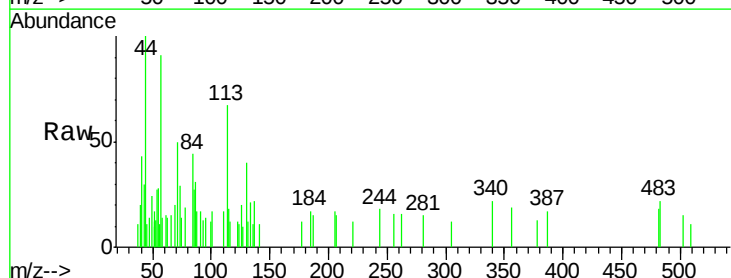
Instrument :
 BNA_G
 ClientSampleId :
 TWP-01

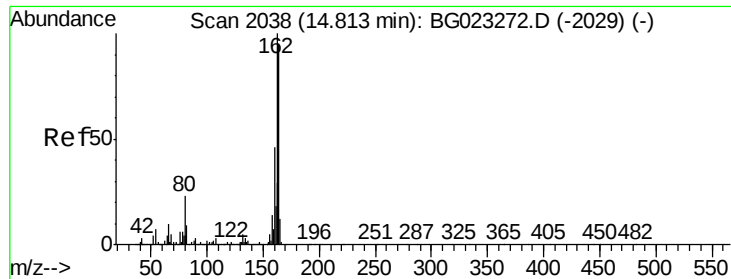
Tgt Ion: 82 Resp: 1189009
 Ion Ratio Lower Upper
 82 100
 128 39.4 24.4 36.6#
 54 48.8 41.4 62.0



#32
 Benzoic acid
 Concen: 8.12 ng
 RT: 10.35 min Scan# 1278
 Delta R.T. 0.07 min
 Lab File: BG023299.D
 Acq: 28 Jul 2016 1:40

Tgt Ion: 122 Resp: 126
 Ion Ratio Lower Upper
 122 100
 105 0.0 117.2 157.2#
 77 0.0 109.2 149.2#

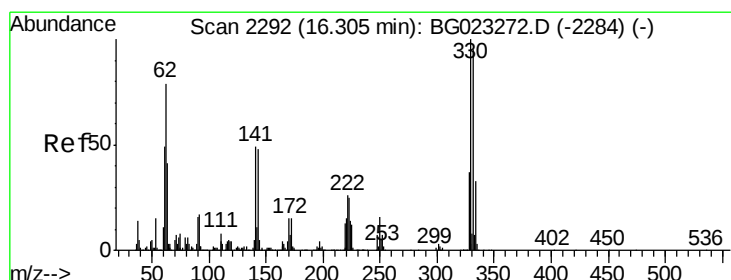
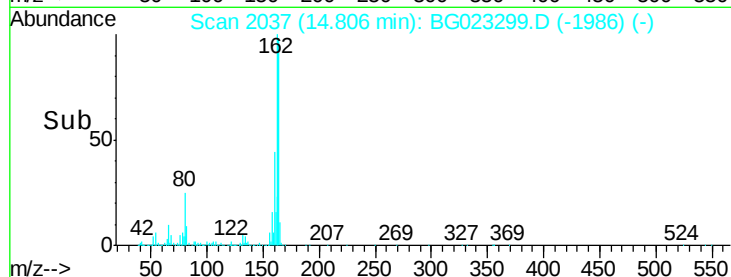
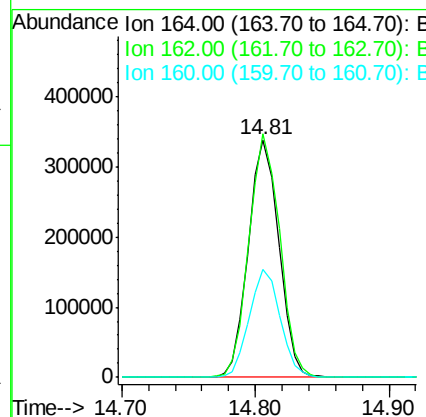
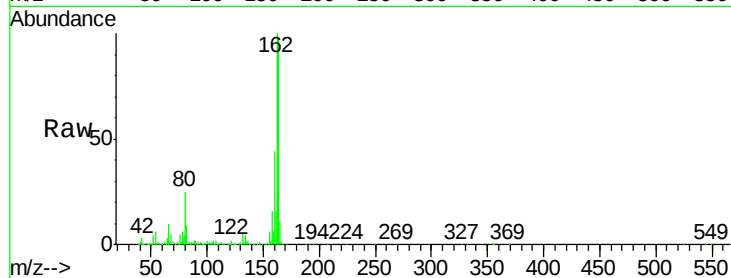




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG023299.D
Acq: 28 Jul 2016 1:40

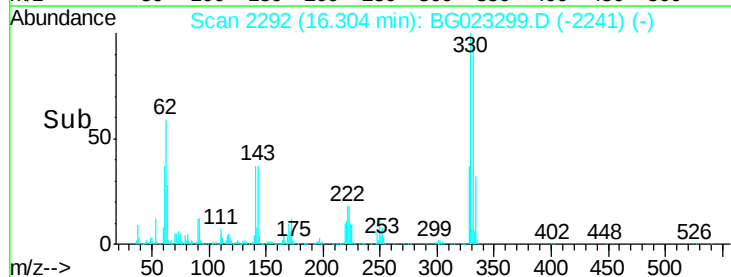
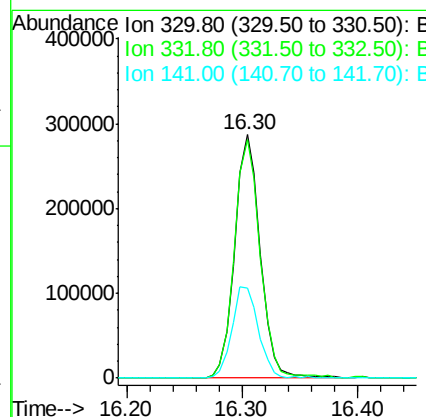
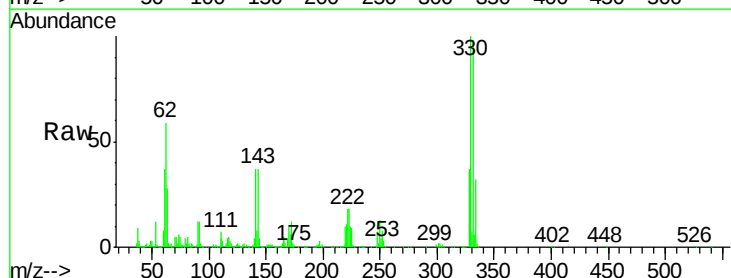
Instrument :
BNA_G
ClientSampleId :
TWP-01

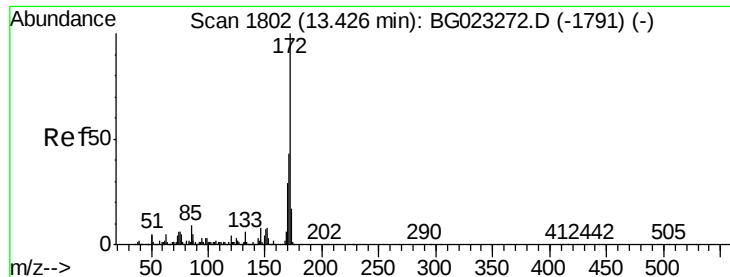
Tgt Ion:164 Resp: 533925
Ion Ratio Lower Upper
164 100
162 102.5 87.7 131.5
160 45.2 37.2 55.8



#41
2,4,6-Tribromophenol
Concen: 79.25 ng
RT: 16.30 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG023299.D
Acq: 28 Jul 2016 1:40

Tgt Ion:330 Resp: 437946
Ion Ratio Lower Upper
330 100
332 99.3 77.4 116.2
141 39.1 31.7 47.5

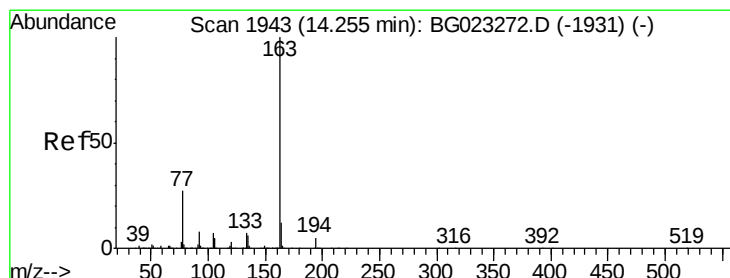
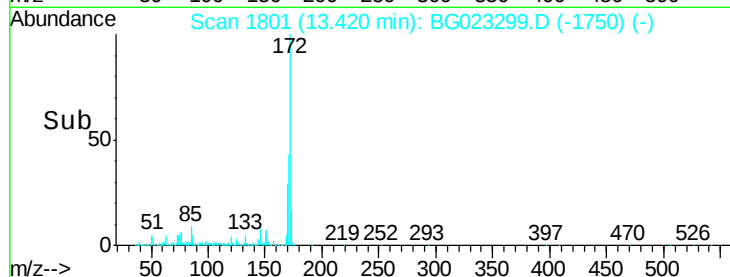
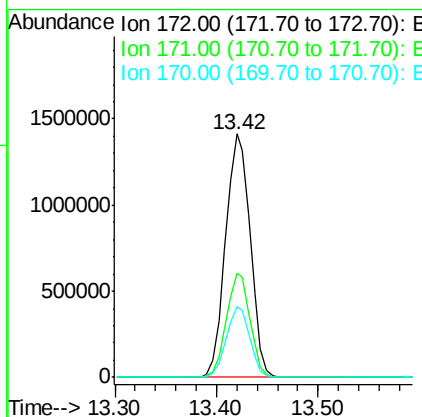
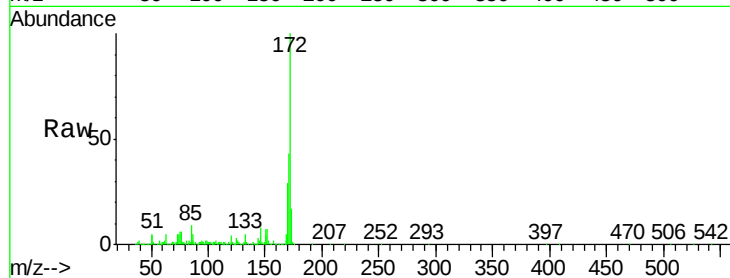




#44
2-Fluorobiphenyl
Concen: 83.28 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG023299.D
Acq: 28 Jul 2016 1:40

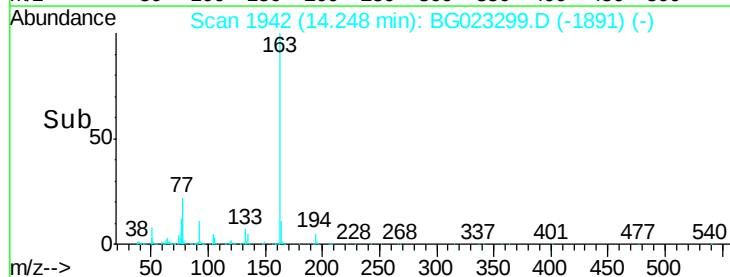
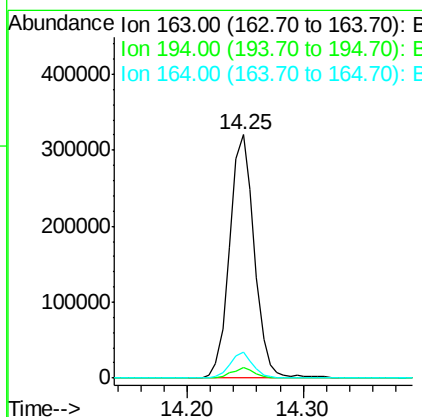
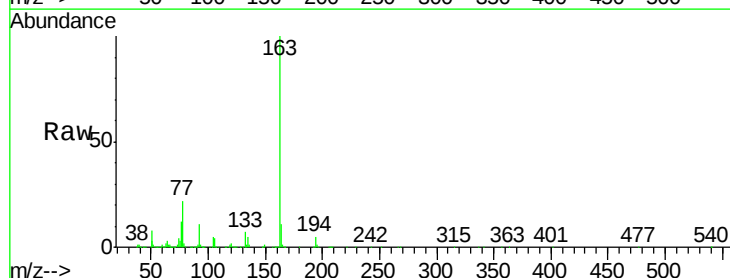
Instrument :
BNA_G
ClientSampleId :
TWP-01

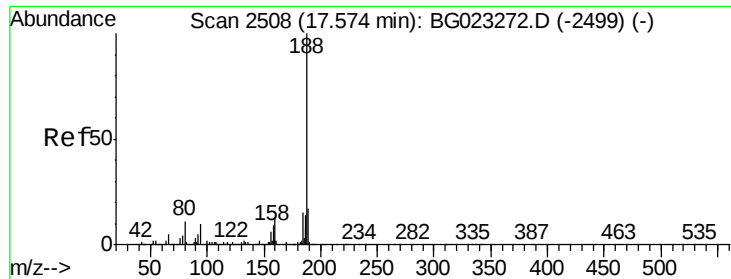
Tgt Ion:172 Resp: 2375860
Ion Ratio Lower Upper
172 100
171 42.9 31.6 47.4
170 29.3 21.3 31.9



#49
Dimethylphthalate
Concen: 12.03 ng
RT: 14.25 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BG023299.D
Acq: 28 Jul 2016 1:40

Tgt Ion:163 Resp: 474105
Ion Ratio Lower Upper
163 100
194 4.5 3.6 5.4
164 10.9 8.1 12.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG023299.D

Acq: 28 Jul 2016 1:40

Instrument :

BNA_G

ClientSampled :

TWP-01

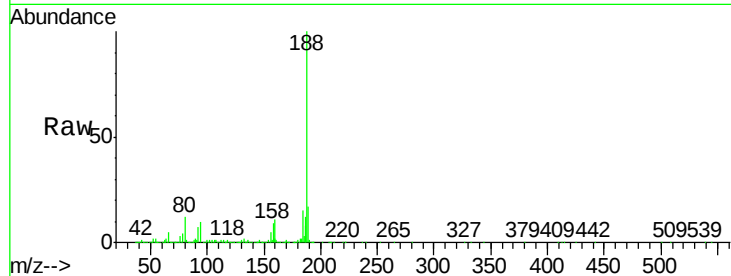
Tgt Ion:188 Resp: 1267919

Ion Ratio Lower Upper

188 100

94 10.2 5.2 7.8#

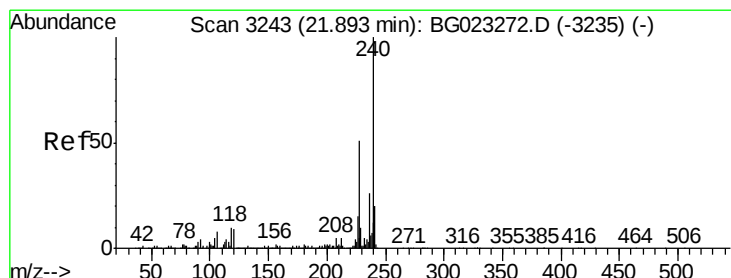
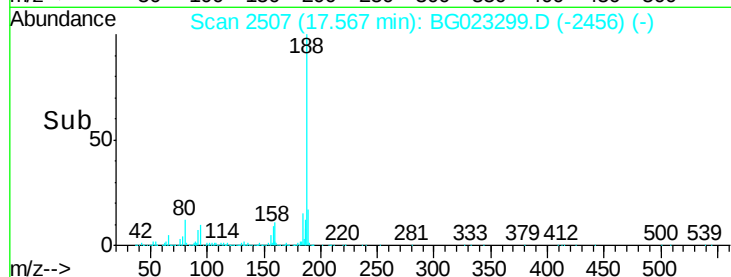
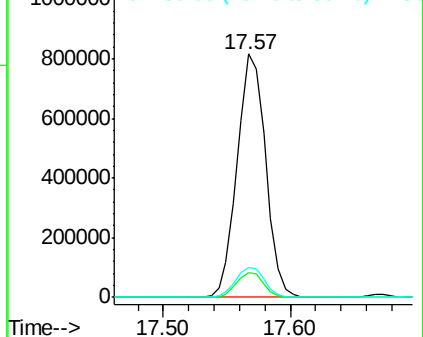
80 12.5 7.2 10.8#



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: 21.89 min Scan# 3243

Delta R.T. 0.00 min

Lab File: BG023299.D

Acq: 28 Jul 2016 1:40

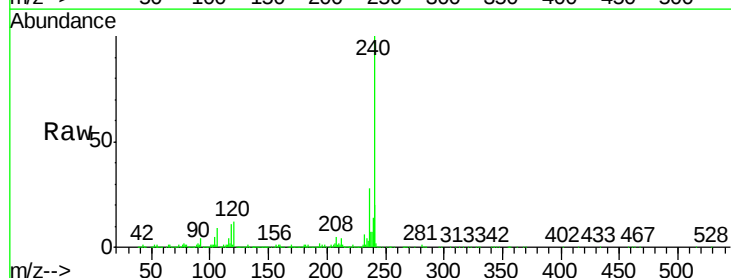
Tgt Ion:240 Resp: 1259092

Ion Ratio Lower Upper

240 100

120 11.8 4.1 6.1#

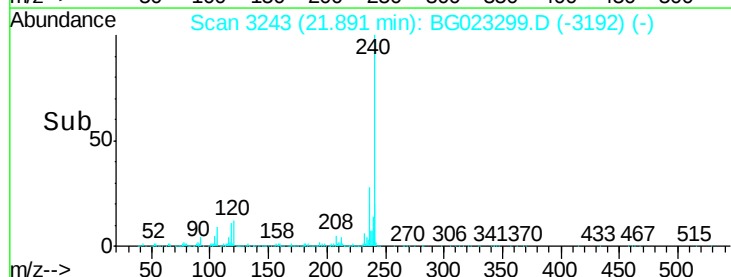
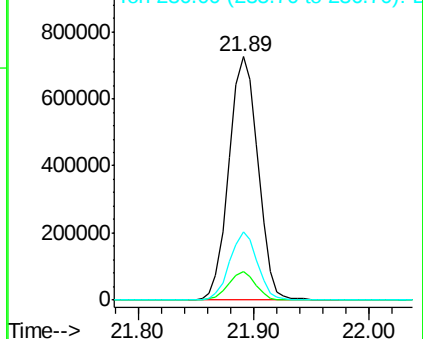
236 28.1 21.1 31.7

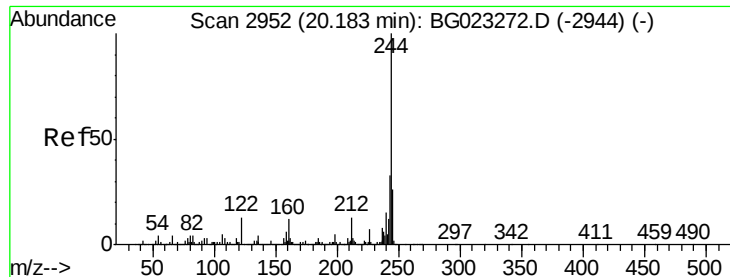


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.60 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023299.D

Acq: 28 Jul 2016 1:40

Instrument :

BNA_G

ClientSampleId :

TWP-01

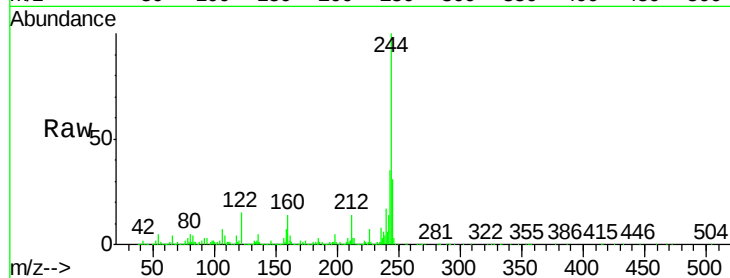
Tgt Ion:244 Resp: 3005520

Ion Ratio Lower Upper

244 100

212 13.9 10.8 16.2

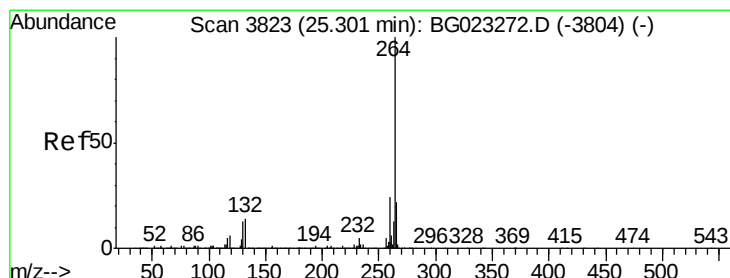
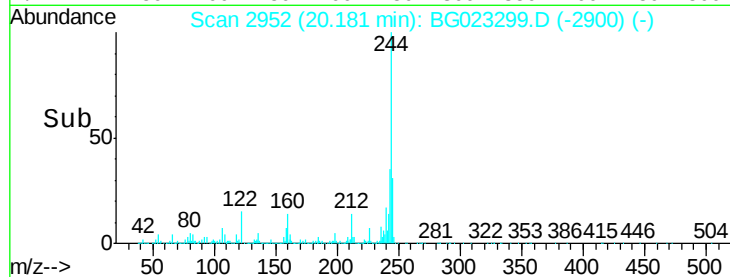
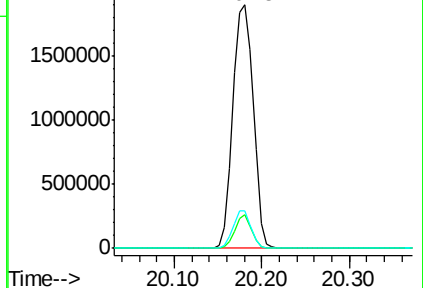
122 15.3 8.0 12.0#



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# 3823

Delta R.T. -0.00 min

Lab File: BG023299.D

Acq: 28 Jul 2016 1:40

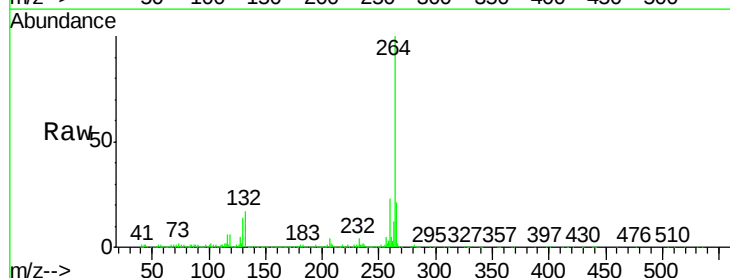
Tgt Ion:264 Resp: 1287012

Ion Ratio Lower Upper

264 100

260 23.0 18.4 27.6

265 21.2 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

