

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080116\
 Data File : BG023392.D
 Acq On : 1 Aug 2016 21:58
 Operator : UM/SJ
 Sample : H4269-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-52-11.1-15.0

Quant Time: Aug 02 12:46:30 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

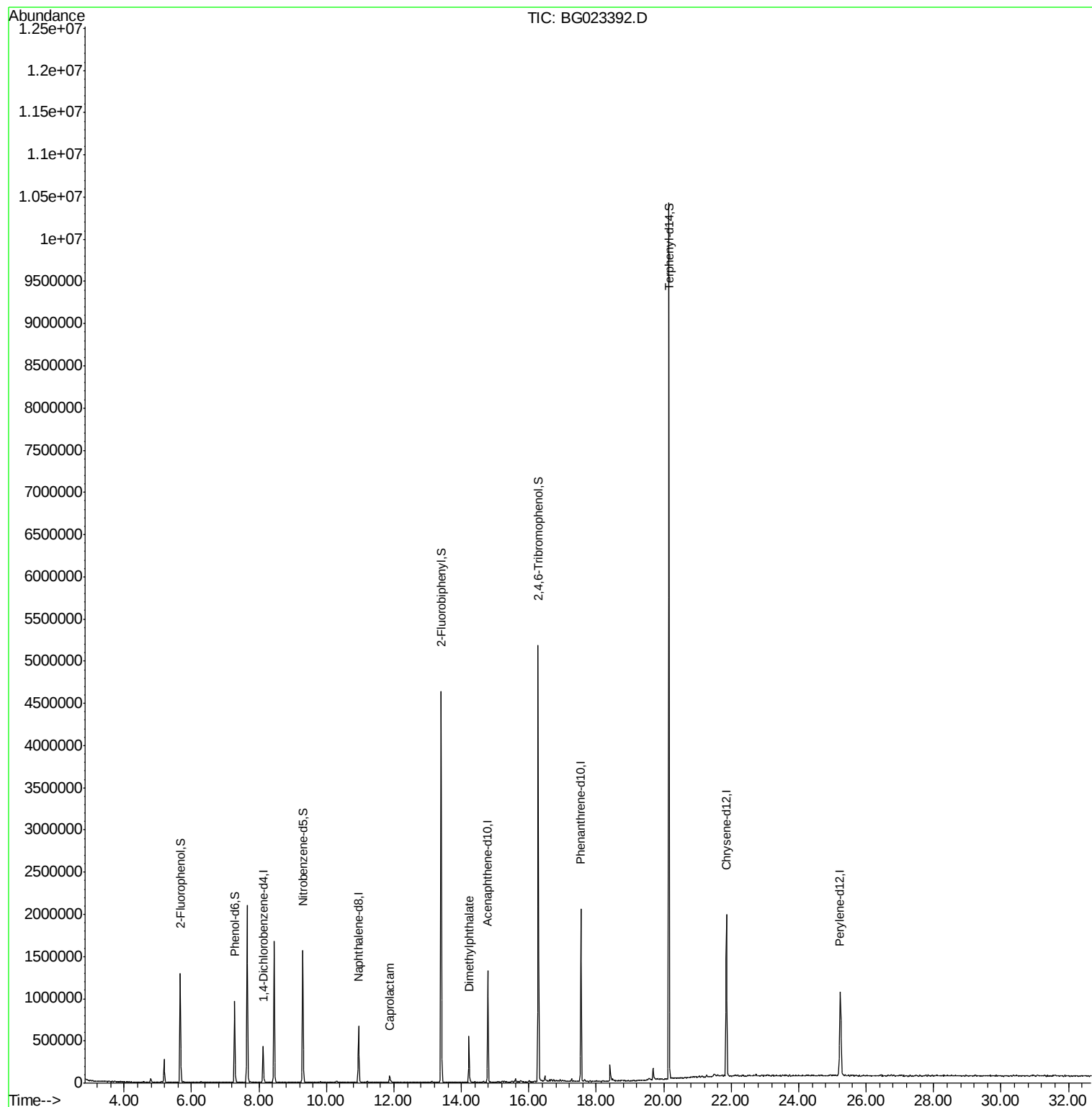
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	124947	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	579227	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	442461	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	1225071	20.00	ng	0.00
75) Chrysene-d12	21.86	240	1150582	20.00	ng	0.00
86) Perylene-d12	25.23	264	1089411	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	581706	78.37	ng	0.00
7) Phenol-d6	7.27	99	597681	51.70	ng	0.00
23) Nitrobenzene-d5	9.30	82	1032269	88.60	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	952462	147.17	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	2289551	87.28	ng	0.00
78) Terphenyl-d14	20.16	244	3480497	97.47	ng	0.00
Target Compounds						
35) Caprolactam	11.88	113	17601	4.49	ng	Qvalue # 83
49) Dimethylphthalate	14.23	163	353856	10.42	ng	99

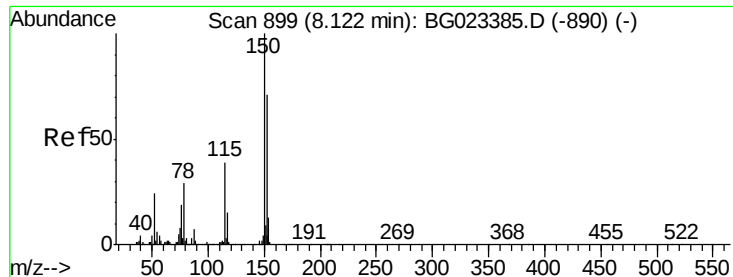
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 900

Delta R.T. 0.00 min

Lab File: BG023392.D

Acq: 1 Aug 2016 21:58

Instrument :

BNA_G

ClientSampleId :

GW-52-11.1-15.0

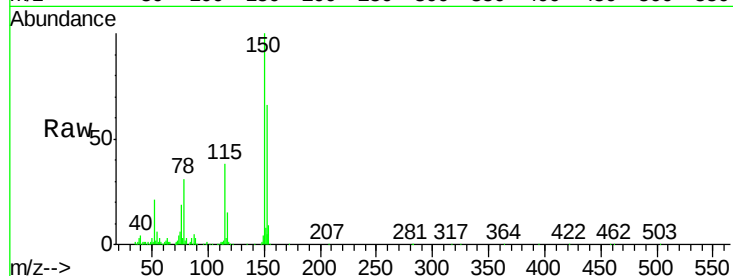
Tot Ion:152 Resp: 124947

Ion Ratio Lower Upper

152 100

150 151.9 144.7 217.1

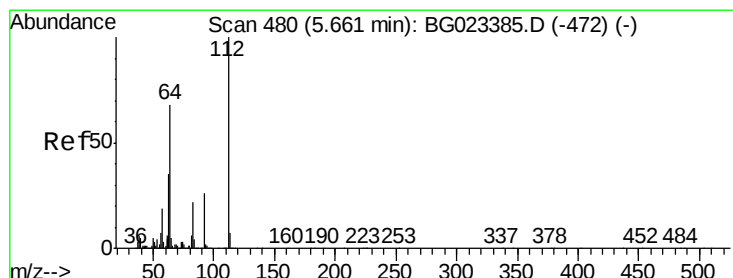
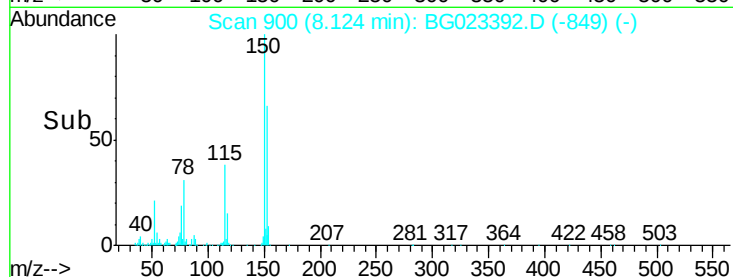
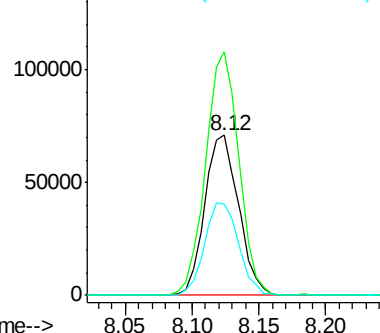
115 57.0 64.0 96.0#



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: 78.37 ng

RT: 5.66 min Scan# 481

Delta R.T. 0.00 min

Lab File: BG023392.D

Acq: 1 Aug 2016 21:58

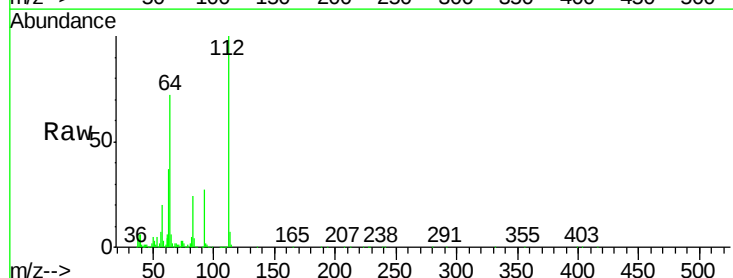
Tgt Ion:112 Resp: 581706

Ion Ratio Lower Upper

112 100

64 71.8 59.0 88.4

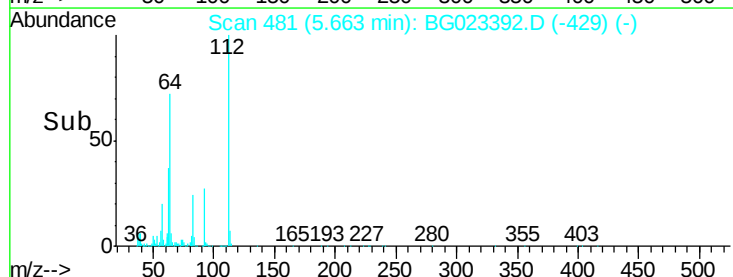
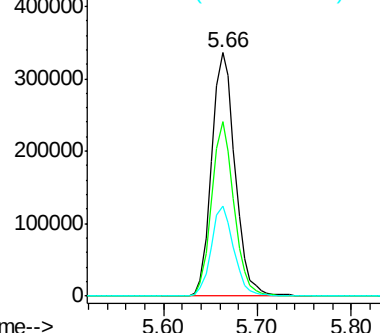
63 36.8 37.8 56.8#

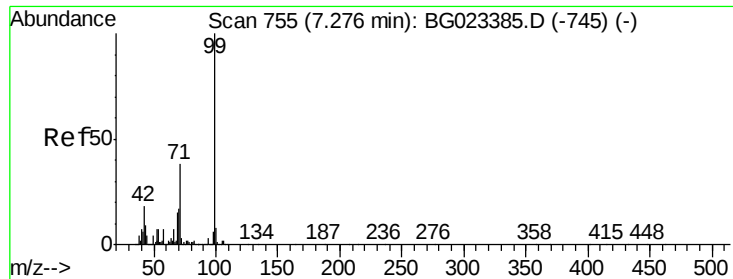


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 51.70 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG023392.D

Acq: 1 Aug 2016 21:58

Instrument :

BNA_G

ClientSampleId :

GW-52-11.1-15.0

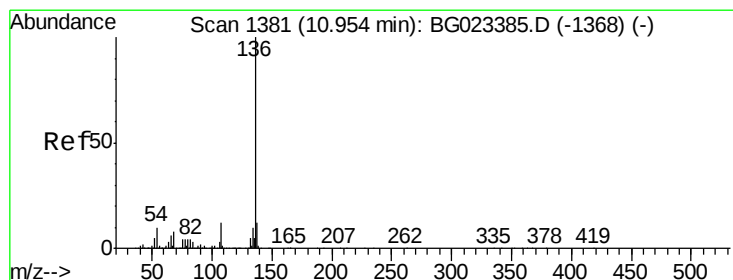
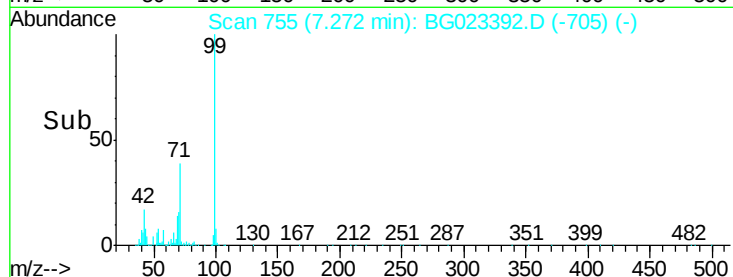
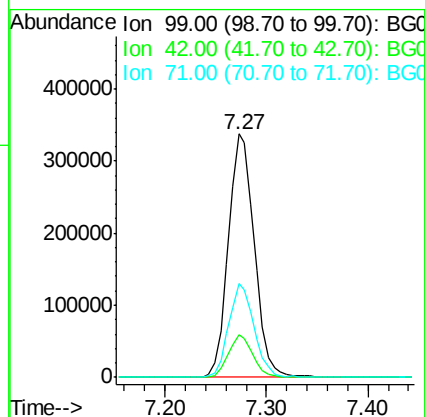
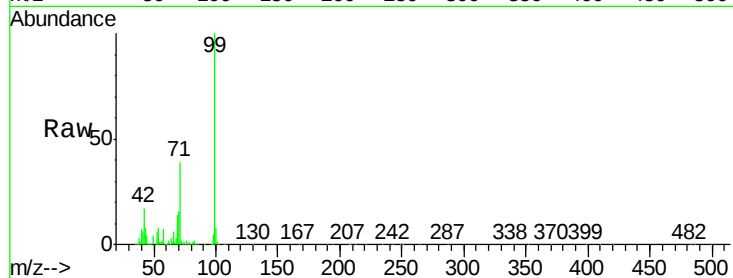
Tot Ion: 99 Resp: 597681

Ion Ratio Lower Upper

99 100

42 17.3 17.8 26.6#

71 38.6 41.5 62.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.95 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BG023392.D

Acq: 1 Aug 2016 21:58

Tgt Ion: 136 Resp: 579227

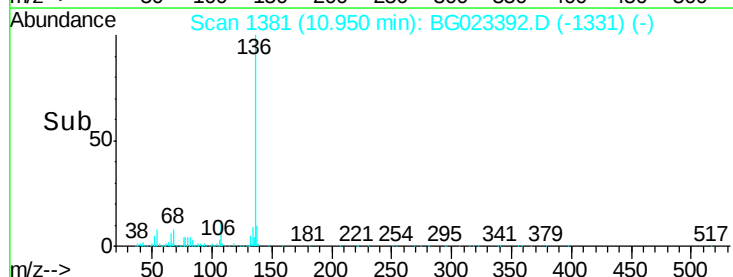
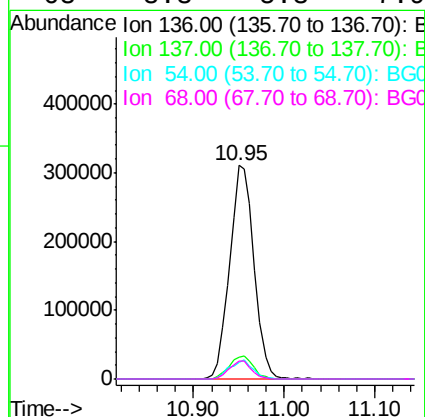
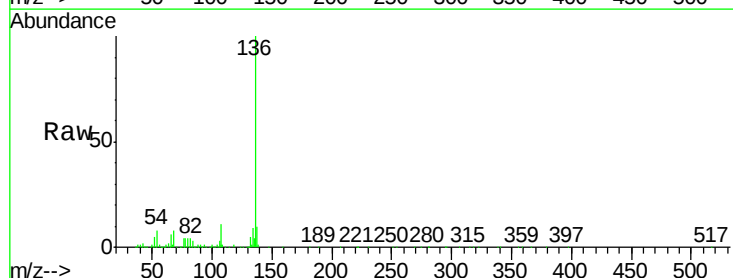
Ion Ratio Lower Upper

136 100

137 10.4 9.6 14.4

54 8.0 7.3 10.9

68 8.3 5.3 7.9#

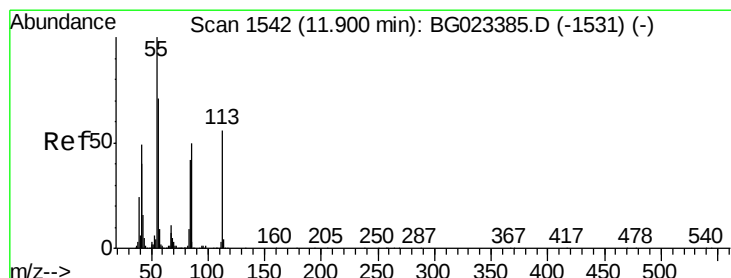
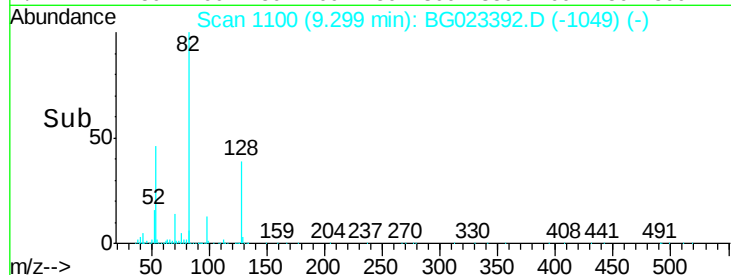
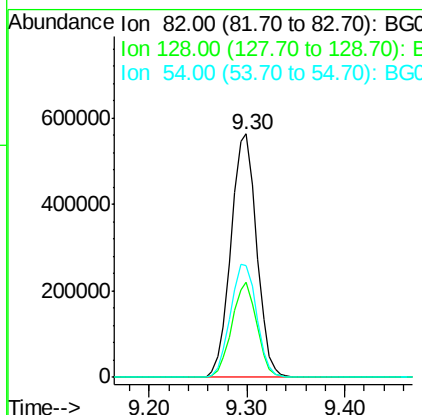
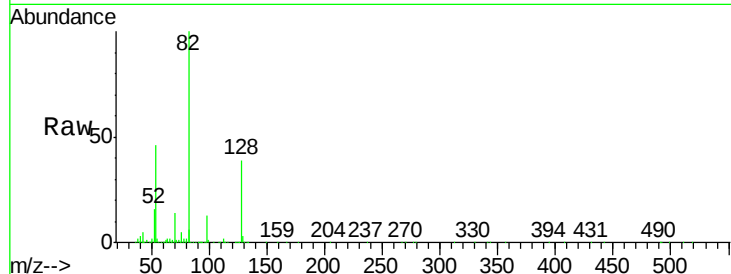




#23
Nitrobenzene-d5
Concen: 88.60 ng
RT: 9.30 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BG023392.D
Acq: 1 Aug 2016 21:58

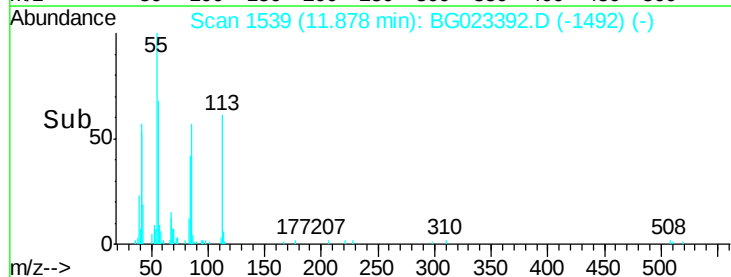
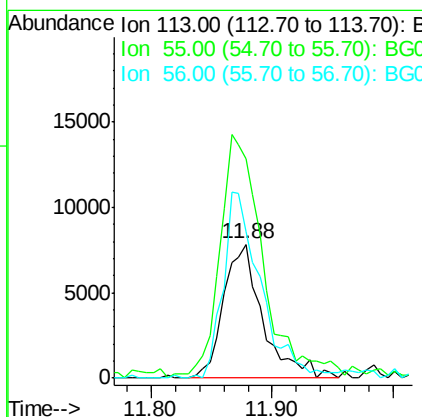
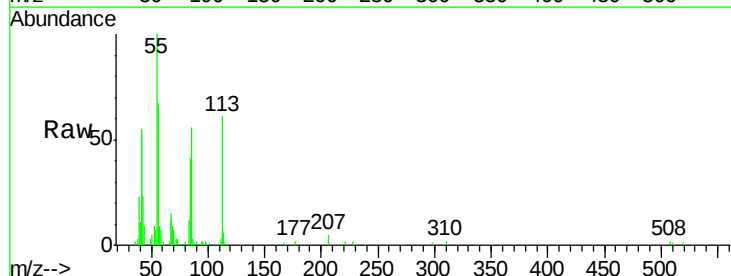
Instrument :
BNA_G
ClientSampleId :
GW-52-11.1-15.0

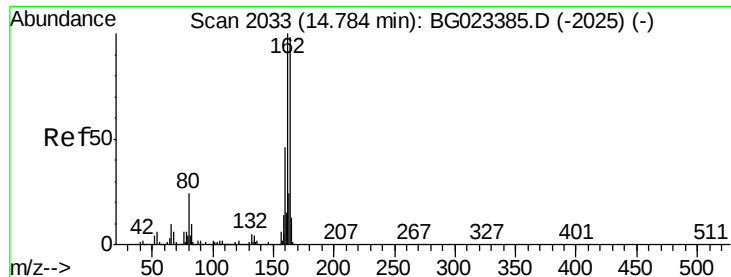
Tot Ion: 82 Resp: 1032269
Ion Ratio Lower Upper
82 100
128 39.0 24.4 36.6#
54 45.8 41.4 62.0



#35
Caprolactam
Concen: 4.49 ng
RT: 11.88 min Scan# 1539
Delta R.T. -0.02 min
Lab File: BG023392.D
Acq: 1 Aug 2016 21:58

Tgt Ion: 113 Resp: 17601
Ion Ratio Lower Upper
113 100
55 164.1 154.5 194.5
56 109.4 125.1 165.1#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.78 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG023392.D

Acq: 1 Aug 2016 21:58

Instrument :

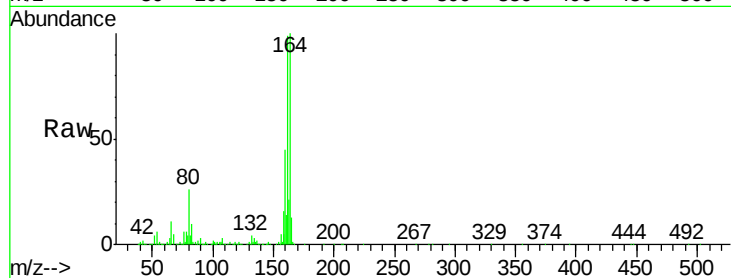
BNA_G

ClientSampleId :

GW-52-11.1-15.0

Tot Ion:164 Resp: 442461

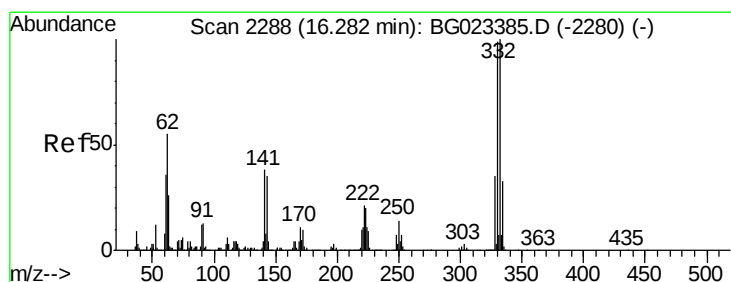
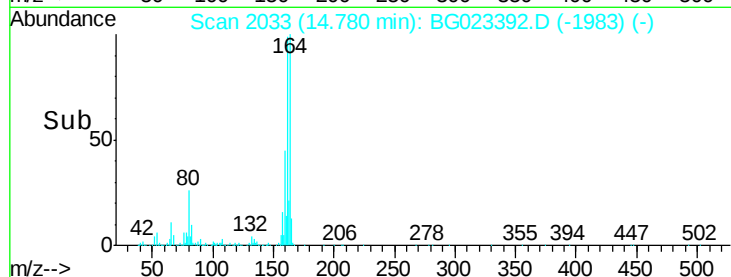
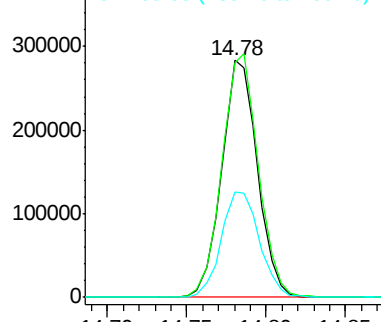
Ion	Ratio	Lower	Upper
164	100		
162	99.0	87.7	131.5
160	44.6	37.2	55.8



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: 147.17 ng

RT: 16.28 min Scan# 2289

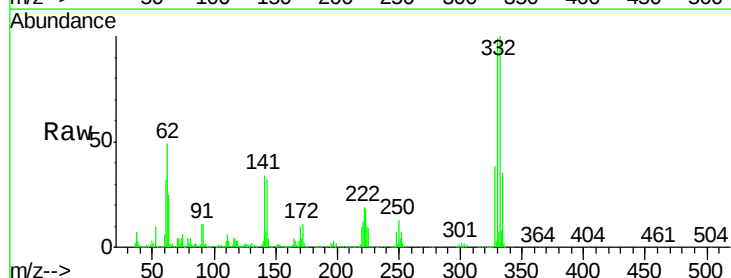
Delta R.T. 0.00 min

Lab File: BG023392.D

Acq: 1 Aug 2016 21:58

Tgt Ion:330 Resp: 952462

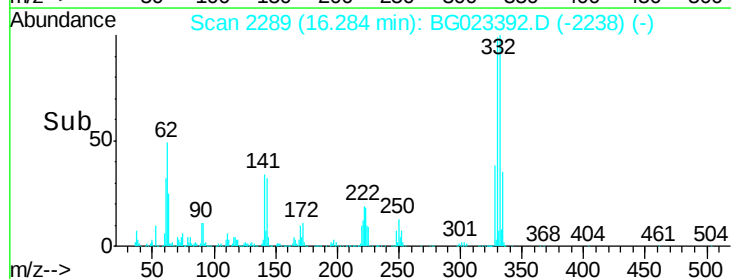
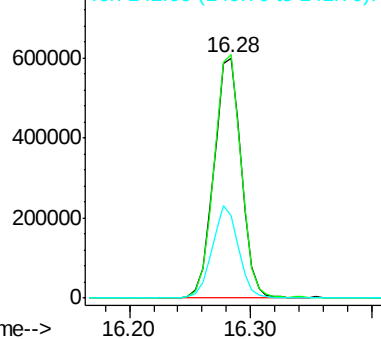
Ion	Ratio	Lower	Upper
330	100		
332	100.3	77.4	116.2
141	36.8	31.7	47.5

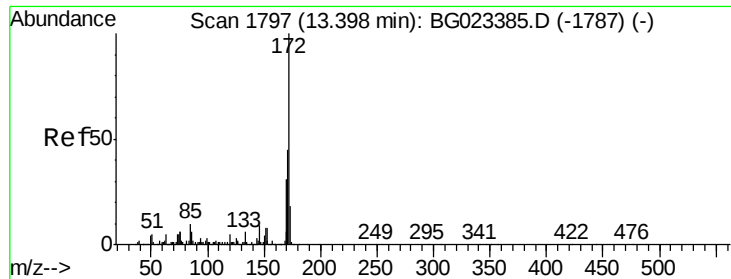


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

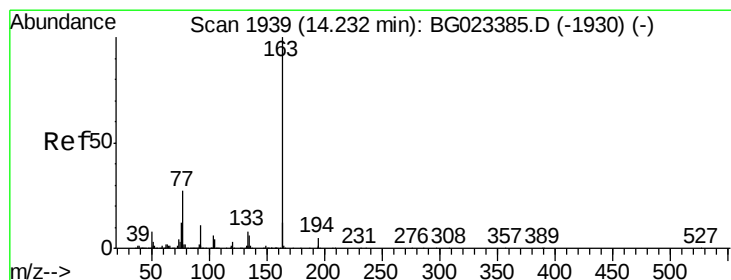
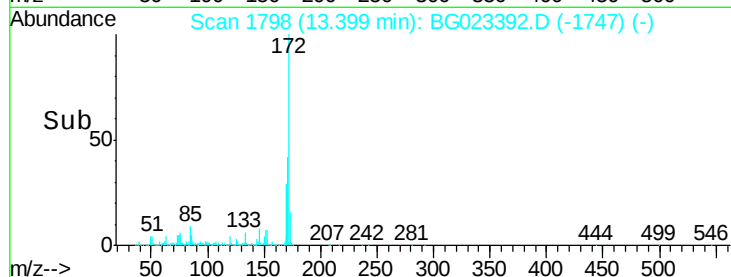
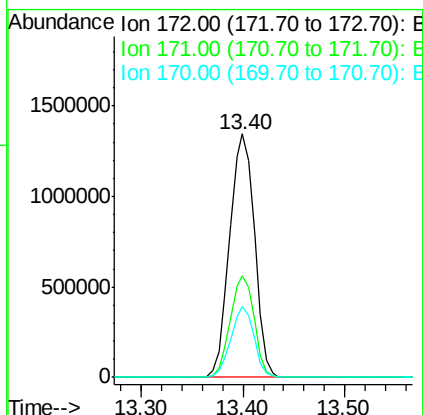
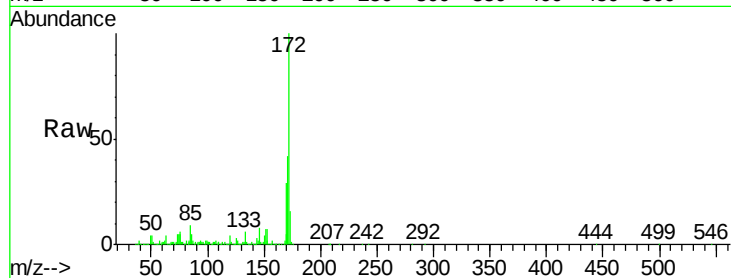




#44
2-Fluorobiphenyl
Concen: 87.28 ng
RT: 13.40 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BG023392.D
Acq: 1 Aug 2016 21:58

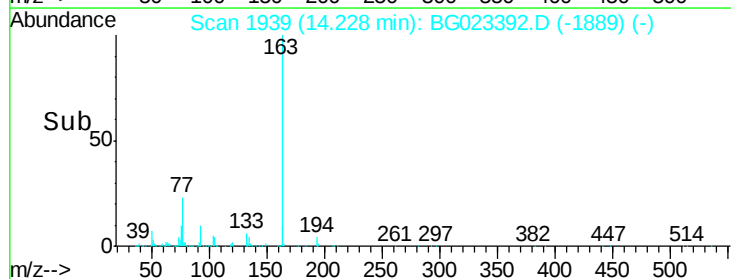
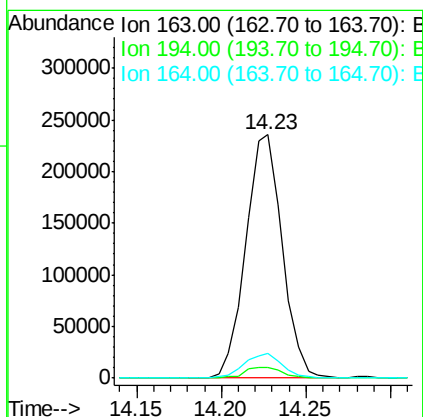
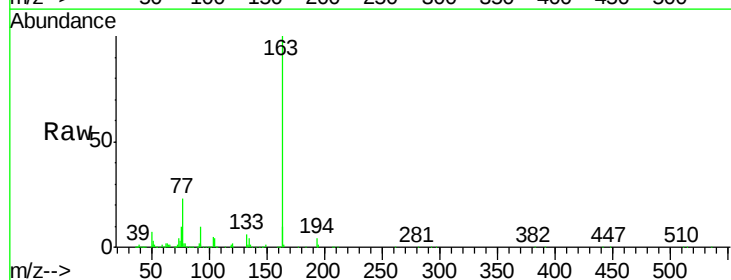
Instrument :
BNA_G
ClientSampleId :
GW-52-11.1-15.0

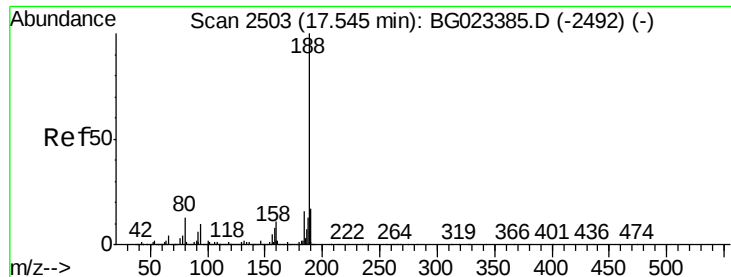
Tot Ion:172 Resp: 2289551
Ion Ratio Lower Upper
172 100
171 41.9 31.6 47.4
170 29.0 21.3 31.9



#49
Dimethylphthalate
Concen: 10.42 ng
RT: 14.23 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG023392.D
Acq: 1 Aug 2016 21:58

Tgt Ion:163 Resp: 353856
Ion Ratio Lower Upper
163 100
194 4.2 3.6 5.4
164 9.9 8.1 12.1

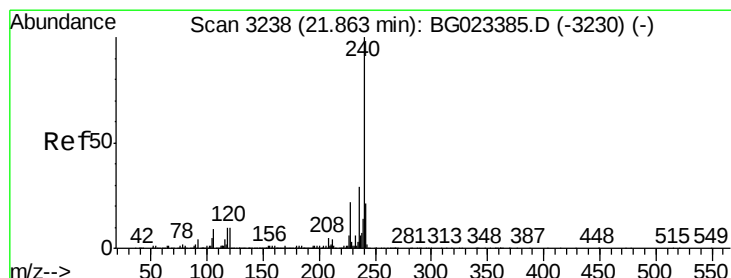
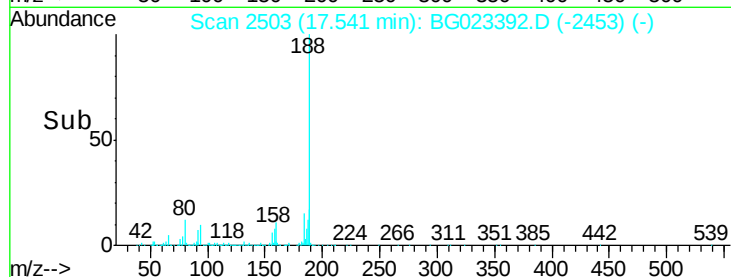
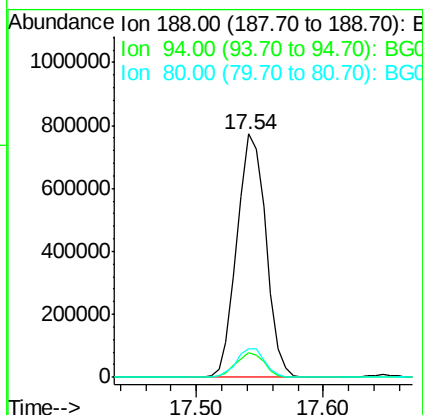
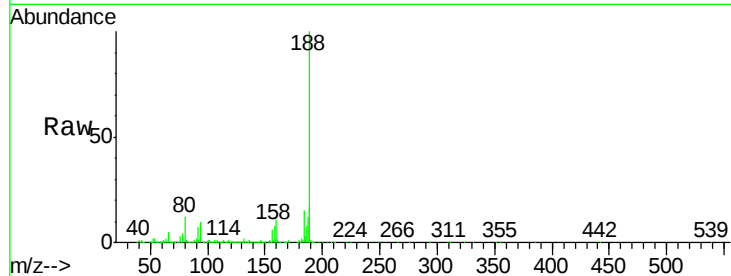




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BG023392.D
Acq: 1 Aug 2016 21:58

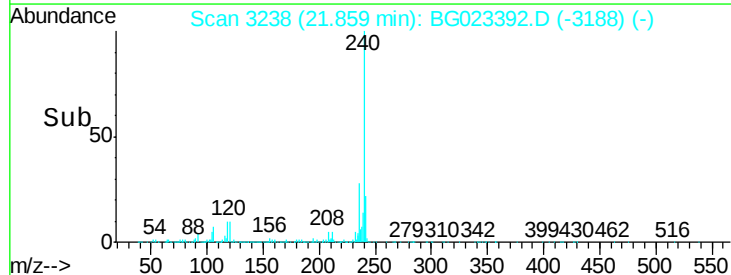
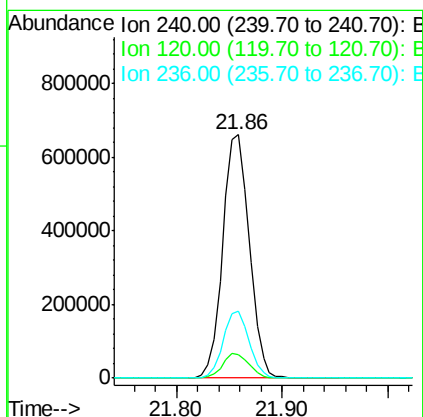
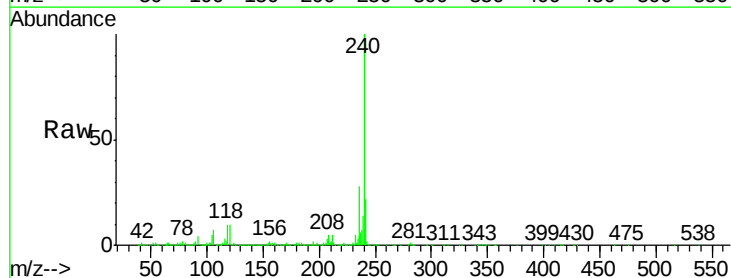
Instrument :
BNA_G
ClientSampleId :
GW-52-11.1-15.0

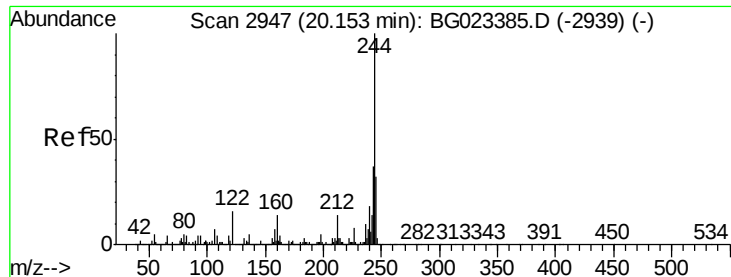
Tot Ion:188 Resp: 1225071
Ion Ratio Lower Upper
188 100
94 10.1 5.2 7.8#
80 11.9 7.2 10.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. -0.00 min
Lab File: BG023392.D
Acq: 1 Aug 2016 21:58

Tgt Ion:240 Resp: 1150582
Ion Ratio Lower Upper
240 100
120 9.6 4.1 6.1#
236 27.7 21.1 31.7





#78

Terphenyl-d14

Concen: 97.47 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG023392.D

Acq: 1 Aug 2016 21:58

Instrument :

BNA_G

ClientSampleId :

GW-52-11.1-15.0

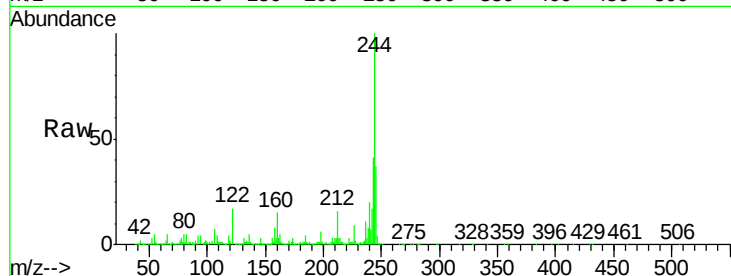
Tot Ion:244 Resp: 3480497

Ion Ratio Lower Upper

244 100

212 16.3 10.8 16.2#

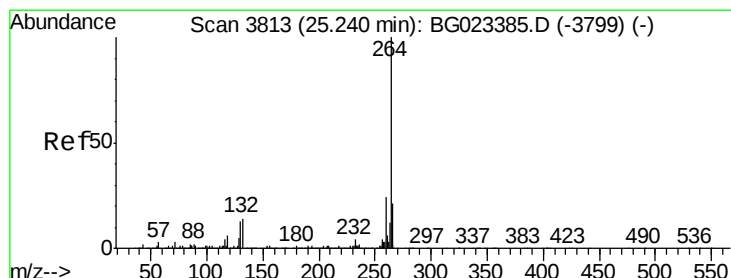
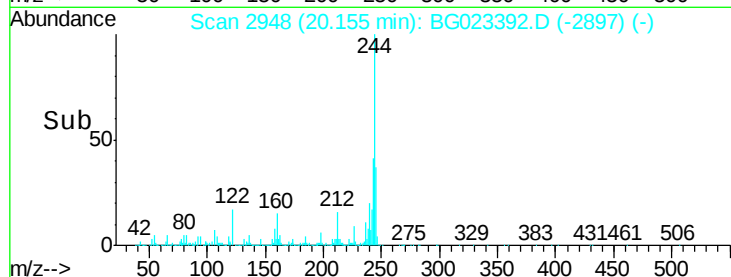
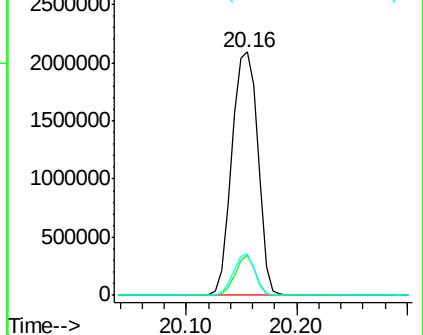
122 17.2 8.0 12.0#



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: 25.23 min Scan# 3812

Delta R.T. -0.01 min

Lab File: BG023392.D

Acq: 1 Aug 2016 21:58

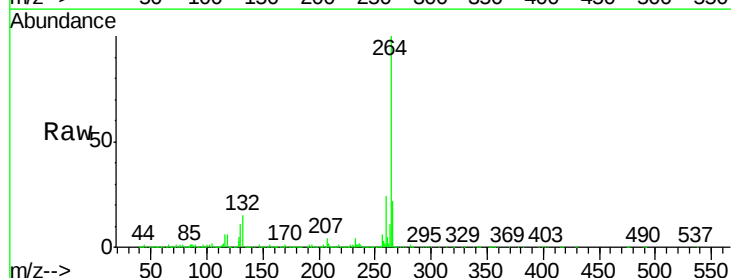
Tgt Ion:264 Resp: 1089411

Ion Ratio Lower Upper

264 100

260 24.4 18.4 27.6

265 22.5 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

