

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
 Data File : BG023402.D
 Acq On : 2 Aug 2016 18:59
 Operator : UM/SJ
 Sample : H4270-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KMW-1

Quant Time: Aug 03 03:16:33 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

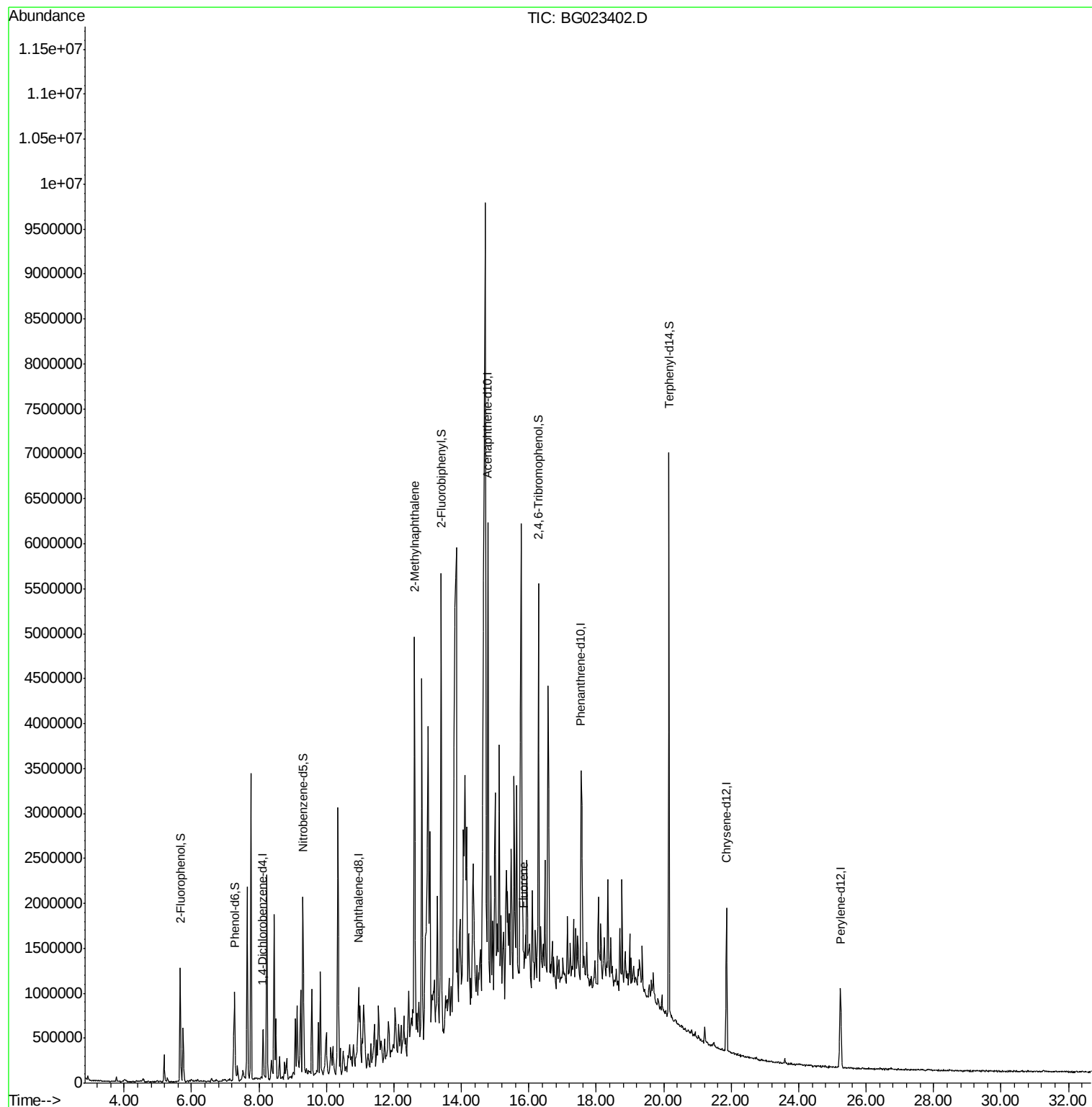
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	150955	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	729886	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	498673	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1113100	20.00	ng	0.00
75) Chrysene-d12	21.86	240	984691	20.00	ng	0.00
86) Perylene-d12	25.24	264	1005028	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	549553	61.28	ng	0.00
7) Phenol-d6	7.27	99	598301	42.83	ng	0.00
23) Nitrobenzene-d5	9.30	82	1171065	79.77	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	858742	117.73	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	2352700	79.58	ng	0.00
78) Terphenyl-d14	20.16	244	2328834	70.82	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	12.61	142	1929640	68.29	ng	93
57) Fluorene	15.84	166	79430	2.12	ng	97

(#) = 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: BG023402.D

Acq: 2 Aug 2016 18:59

Instrument :

BNA_G

ClientSampleId :

KMW-1

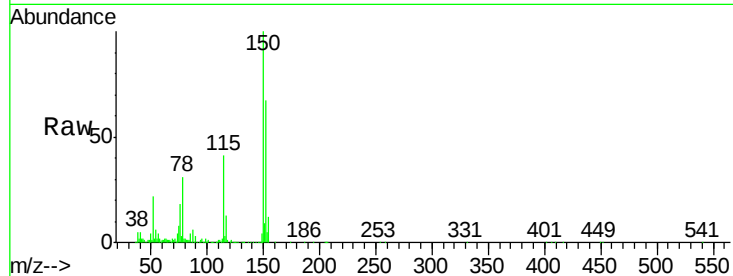
Tot Ion:152 Resp: 150955

Ion Ratio Lower Upper

152 100

150 149.0 144.7 217.1

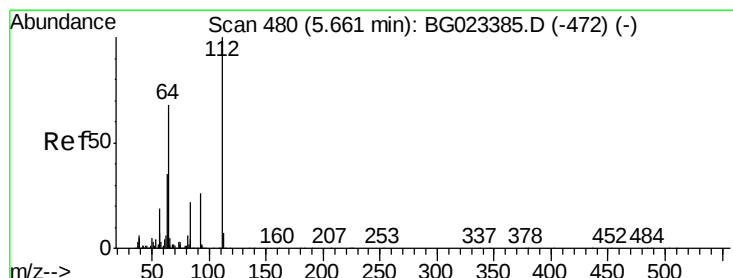
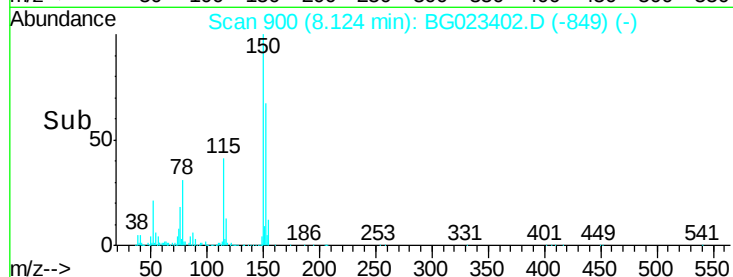
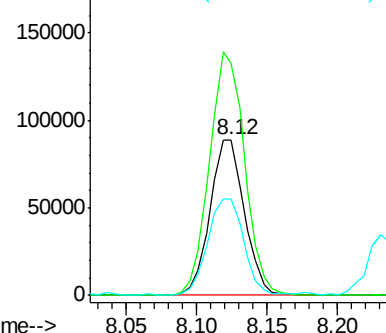
115 61.7 64.0 96.0#



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: 61.28 ng

RT: 5.66 min Scan# 481

Delta R.T. 0.00 min

Lab File: BG023402.D

Acq: 2 Aug 2016 18:59

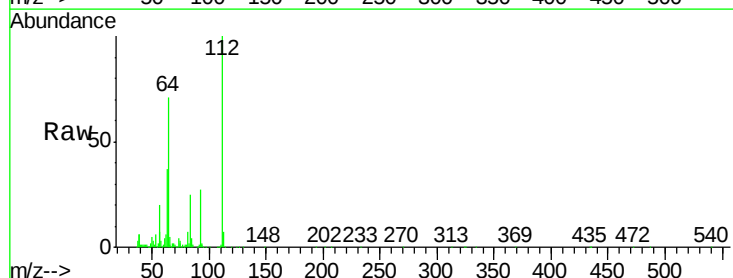
Tgt Ion:112 Resp: 549553

Ion Ratio Lower Upper

112 100

64 71.5 59.0 88.4

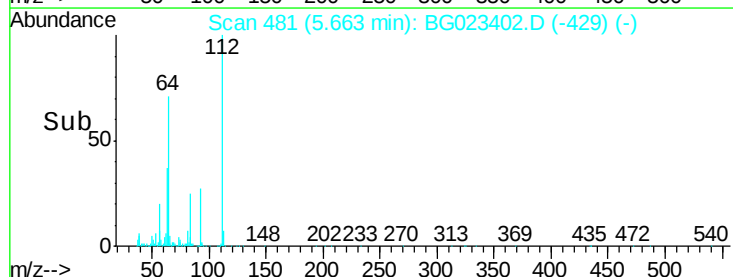
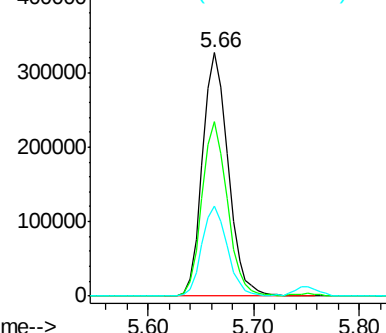
63 36.9 37.8 56.8#

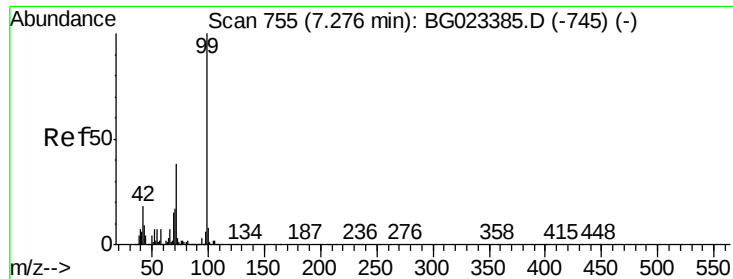


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 42.83 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG023402.D

Acq: 2 Aug 2016 18:59

Instrument :

BNA_G

ClientSampleId :

KMW-1

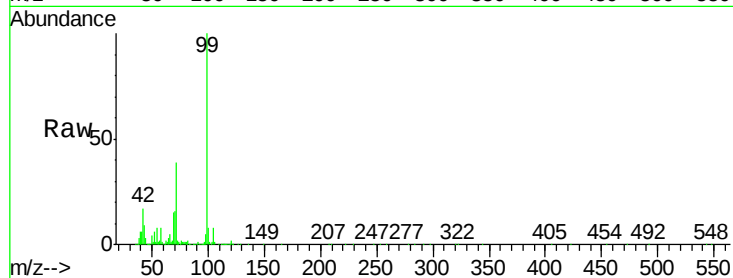
Tot Ion: 99 Resp: 598301

Ion Ratio Lower Upper

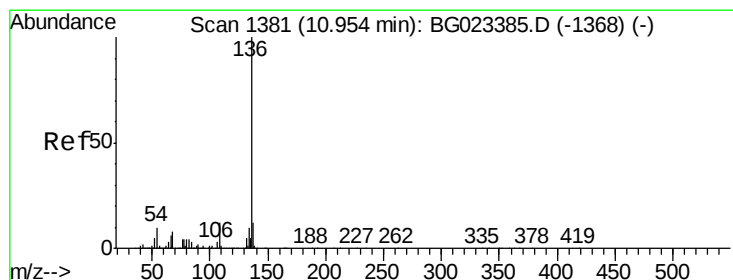
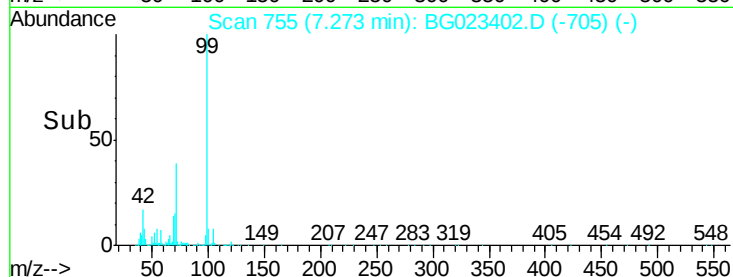
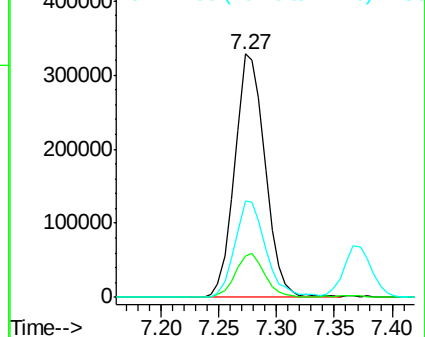
99 100

42 16.9 17.8 26.6#

71 39.4 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: 10.96 min Scan# 1382

Delta R.T. 0.00 min

Lab File: BG023402.D

Acq: 2 Aug 2016 18:59

Tgt Ion: 136 Resp: 729886

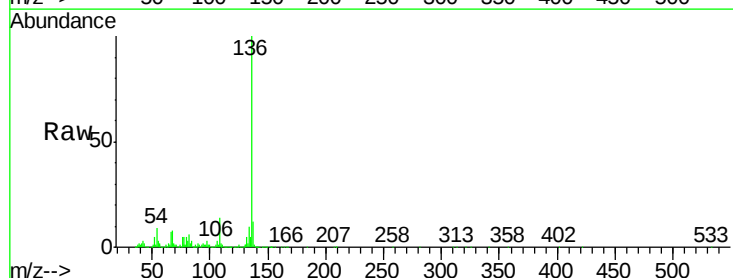
Ion Ratio Lower Upper

136 100

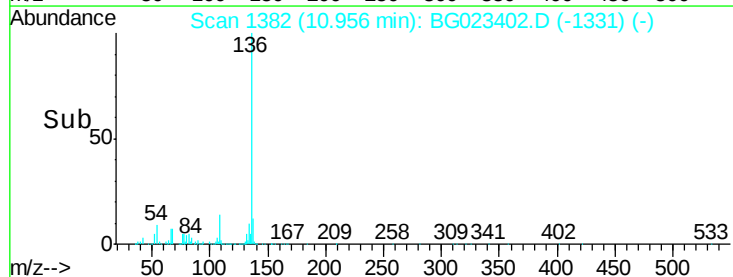
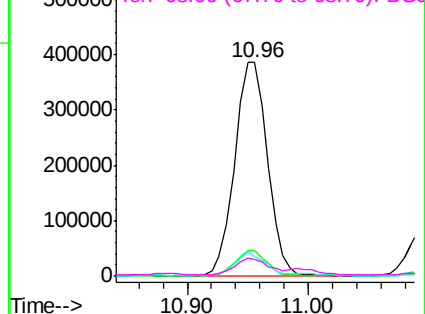
137 12.0 9.6 14.4

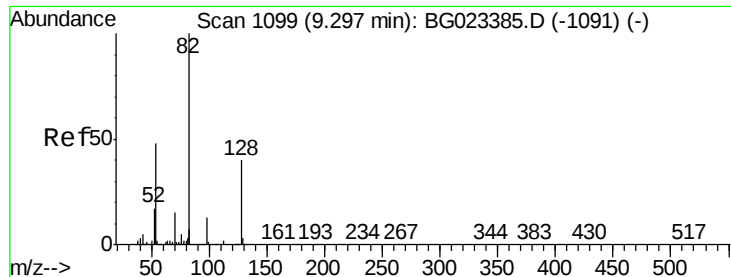
54 9.3 7.3 10.9

68 7.7 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

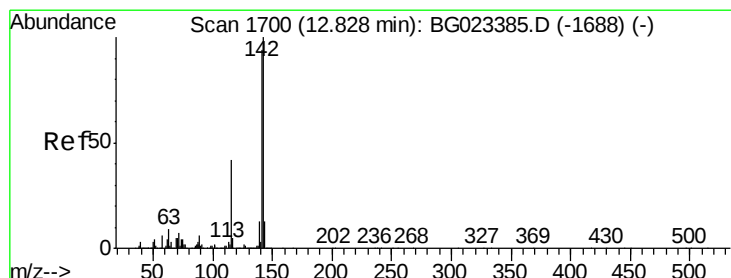
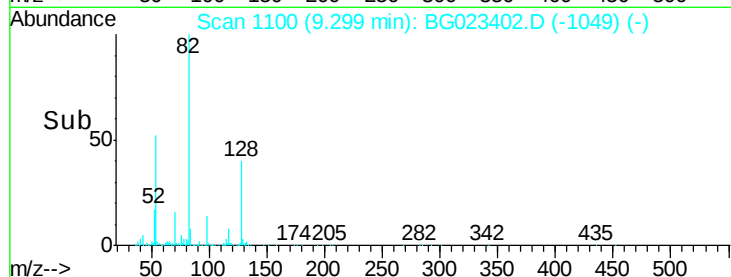
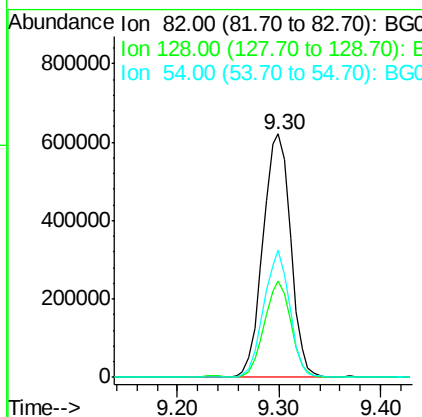
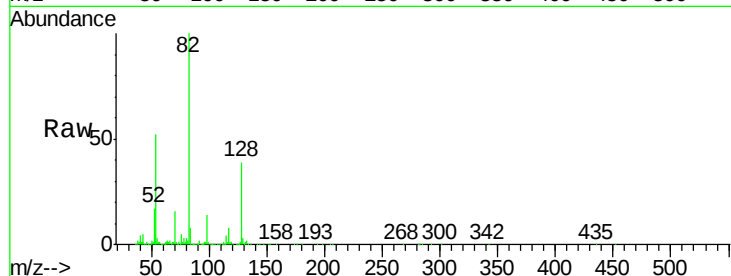




#23
 Nitrobenzene-d5
 Concen: 79.77 ng
 RT: 9.30 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BG023402.D
 Acq: 2 Aug 2016 18:59

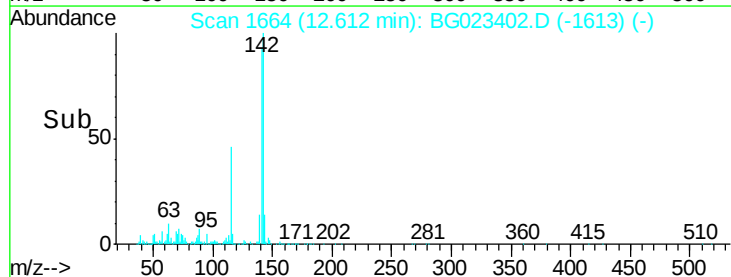
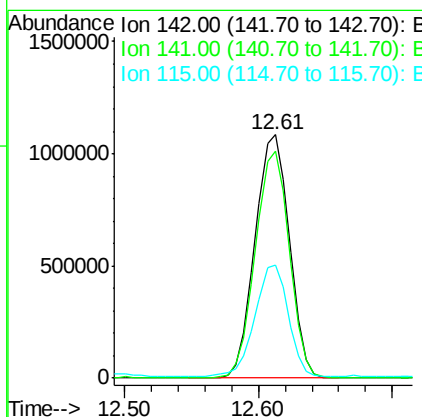
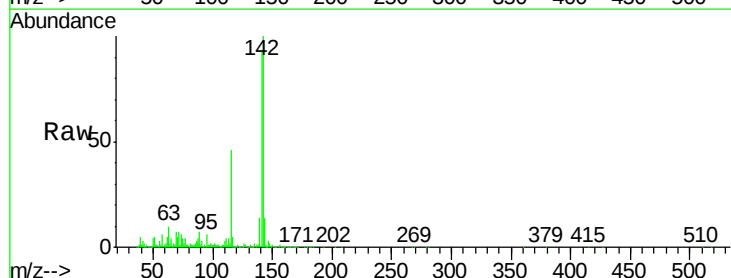
Instrument :
 BNA_G
 ClientSampleId :
 KMW-1

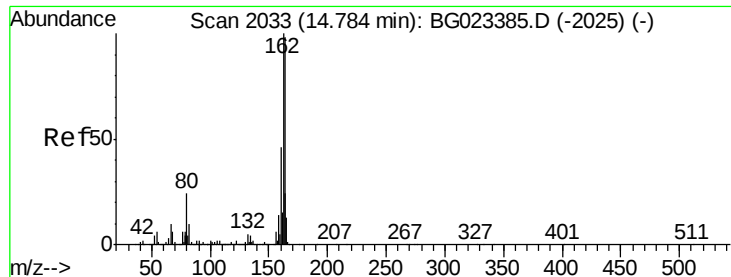
Tot Ion: 82 Resp: 1171065
 Ion Ratio Lower Upper
 82 100
 128 39.4 24.4 36.6#
 54 52.3 41.4 62.0



#37
 2-Methylnaphthalene
 Concen: 68.29 ng
 RT: 12.61 min Scan# 1664
 Delta R.T. 0.00 min
 Lab File: BG023402.D
 Acq: 2 Aug 2016 18:59

Tgt Ion: 142 Resp: 1929640
 Ion Ratio Lower Upper
 142 100
 141 93.2 70.2 105.2
 115 46.3 41.7 62.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BG023402.D

Acq: 2 Aug 2016 18:59

Instrument :

BNA_G

ClientSampleId :

KMW-1

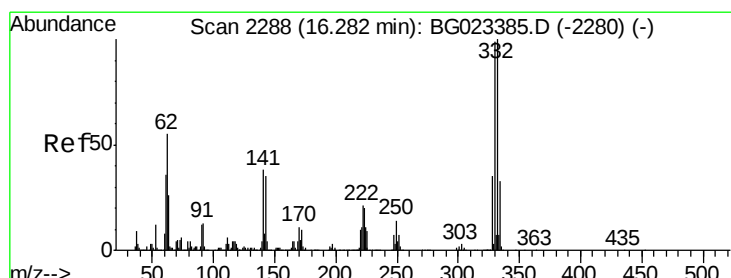
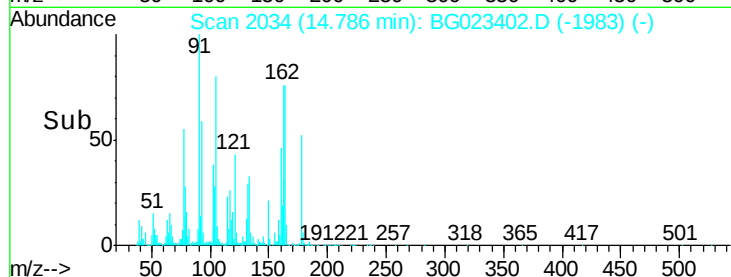
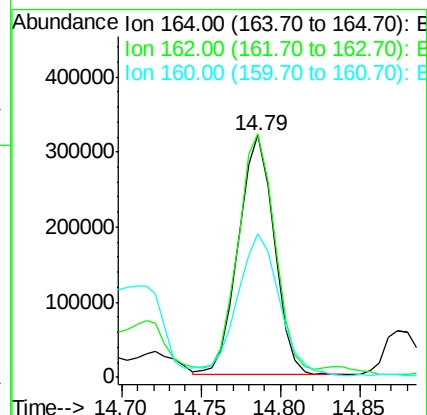
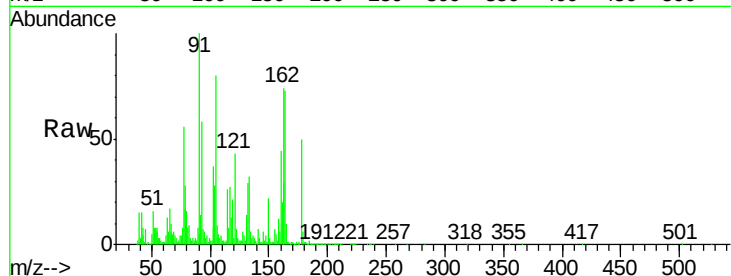
Tot Ion:164 Resp: 498673

Ion Ratio Lower Upper

164 100

162 100.7 87.7 131.5

160 59.7 37.2 55.8#



#41

2,4,6-Tribromophenol

Concen: 117.73 ng

RT: 16.29 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BG023402.D

Acq: 2 Aug 2016 18:59

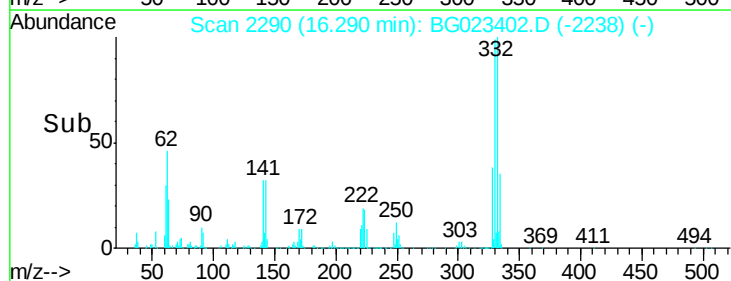
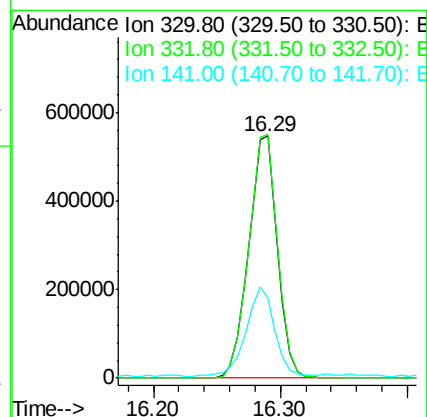
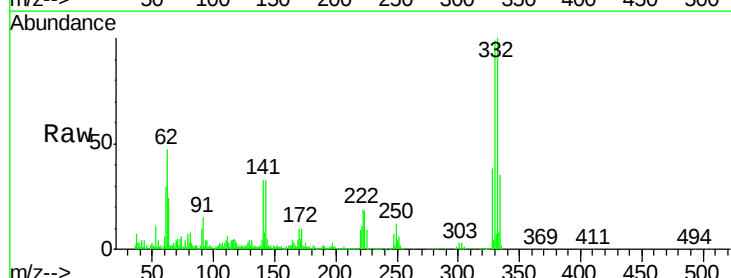
Tgt Ion:330 Resp: 858742

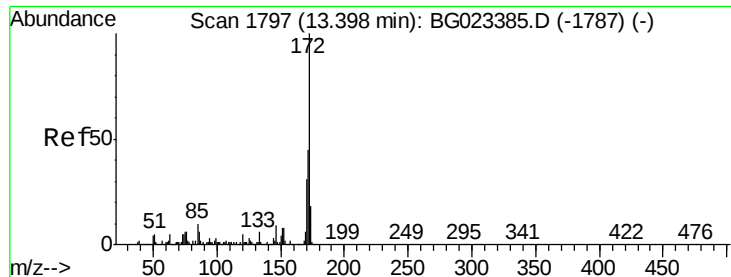
Ion Ratio Lower Upper

330 100

332 101.1 77.4 116.2

141 36.4 31.7 47.5

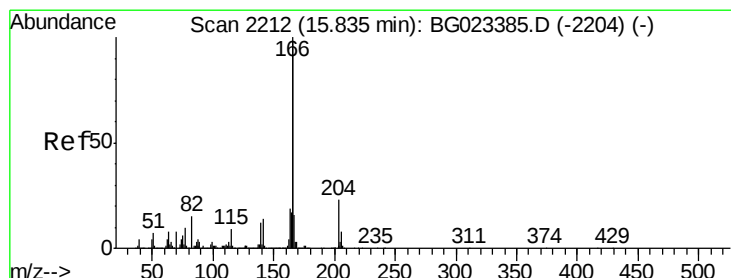
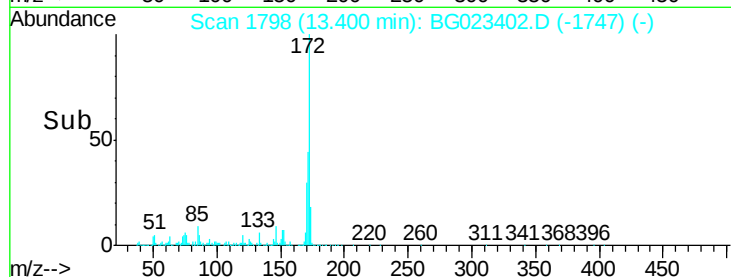
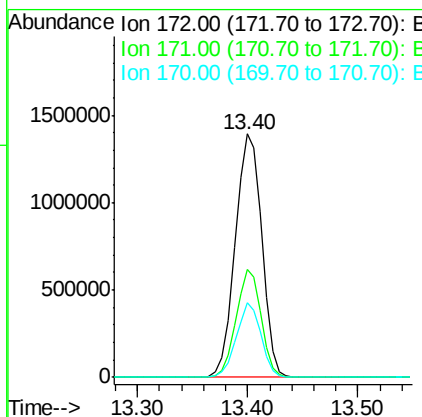
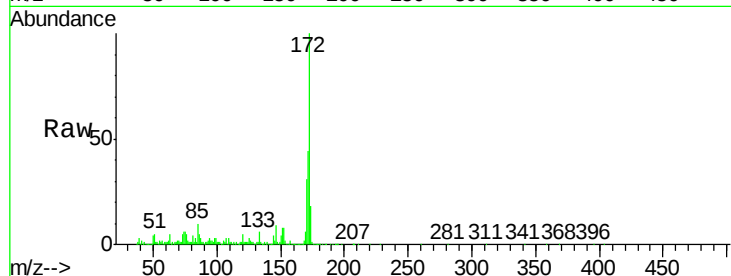




#44
2-Fluorobiphenyl
Concen: 79.58 ng
RT: 13.40 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BG023402.D
Acq: 2 Aug 2016 18:59

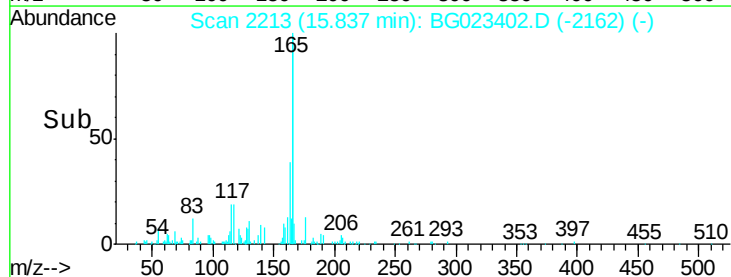
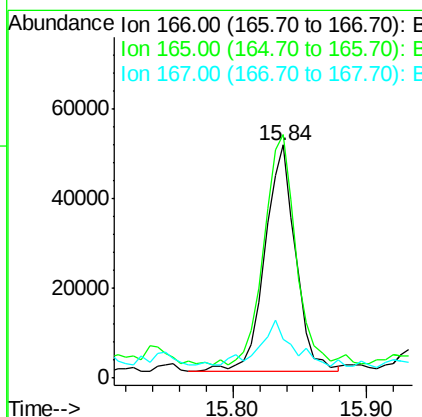
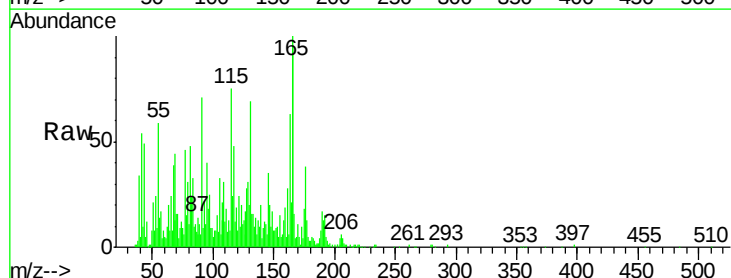
Instrument :
BNA_G
ClientSampleId :
KMW-1

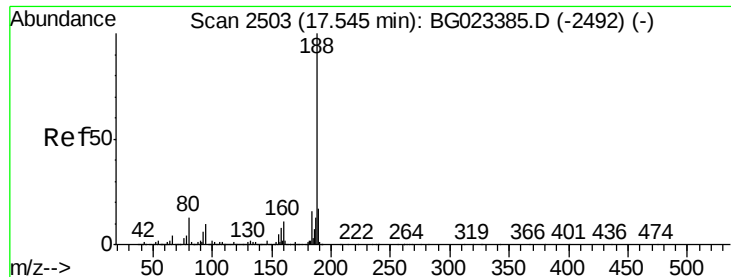
Tot Ion:172 Resp: 2352700
Ion Ratio Lower Upper
172 100
171 44.3 31.6 47.4
170 30.5 21.3 31.9



#57
Fluorene
Concen: 2.12 ng
RT: 15.84 min Scan# 2213
Delta R.T. 0.00 min
Lab File: BG023402.D
Acq: 2 Aug 2016 18:59

Tgt Ion:166 Resp: 79430
Ion Ratio Lower Upper
166 100
165 104.5 81.0 121.6
167 16.5 12.0 18.0

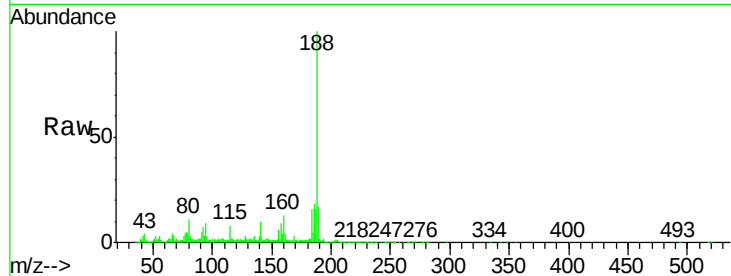




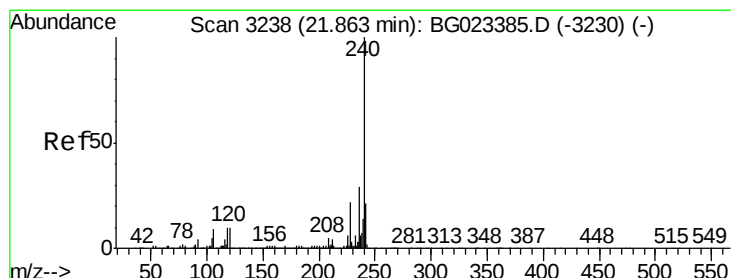
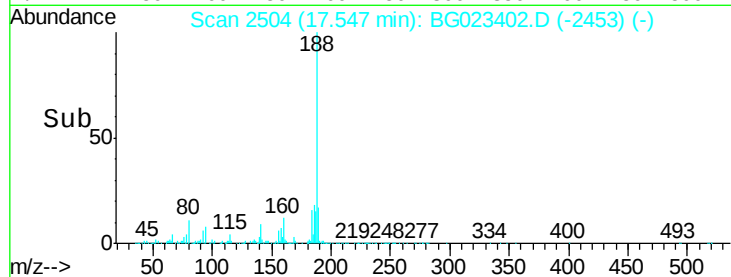
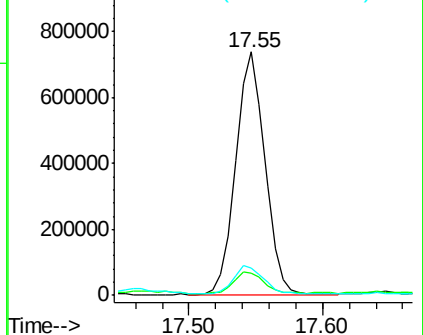
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG023402.D
Acq: 2 Aug 2016 18:59

Instrument :
BNA_G
ClientSampleId :
KMW-1

Tot Ion:188 Resp: 1113100
Ion Ratio Lower Upper
188 100
94 9.3 5.2 7.8#
80 11.5 7.2 10.8#

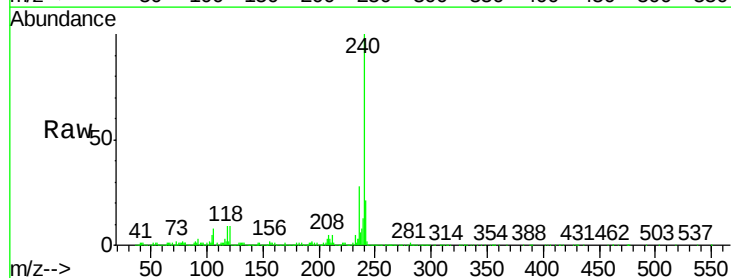


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

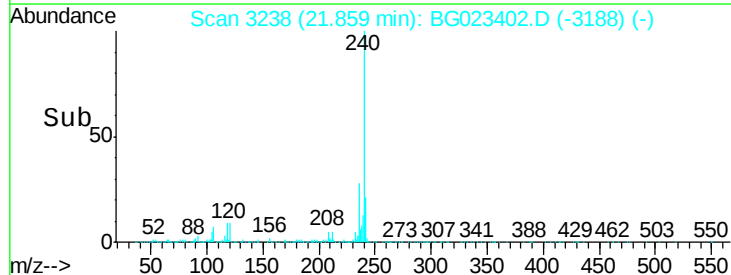
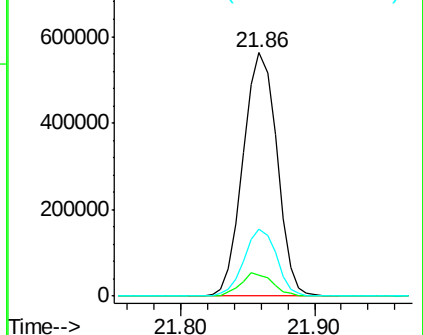


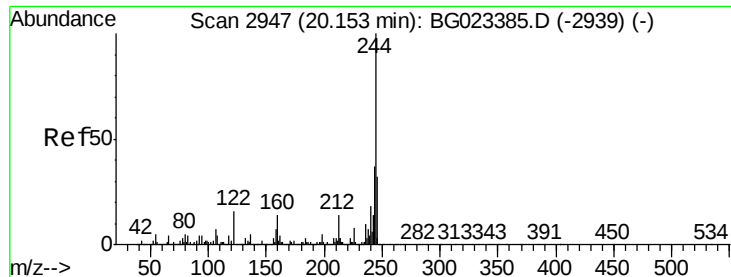
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. -0.00 min
Lab File: BG023402.D
Acq: 2 Aug 2016 18:59

Tgt Ion:240 Resp: 984691
Ion Ratio Lower Upper
240 100
120 8.7 4.1 6.1#
236 27.6 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: 70.82 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG023402.D

Acq: 2 Aug 2016 18:59

Instrument :

BNA_G

ClientSampleId :

KMW-1

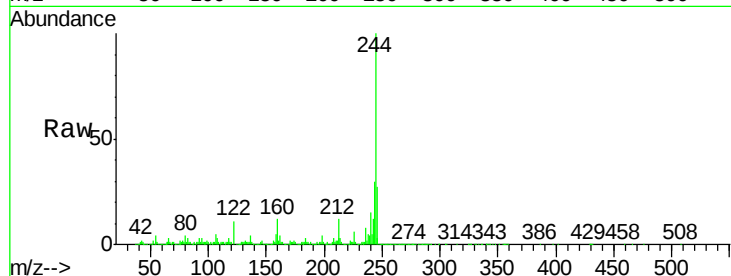
Tot Ion:244 Resp: 2328834

Ion Ratio Lower Upper

244 100

212 11.6 10.8 16.2

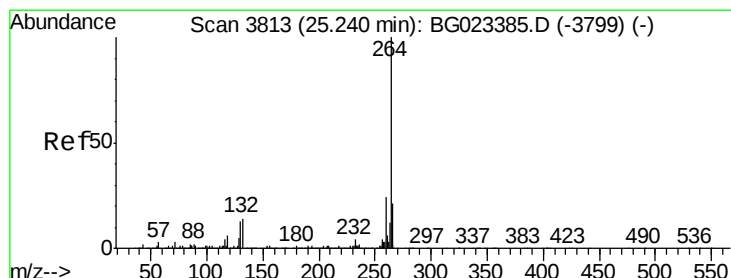
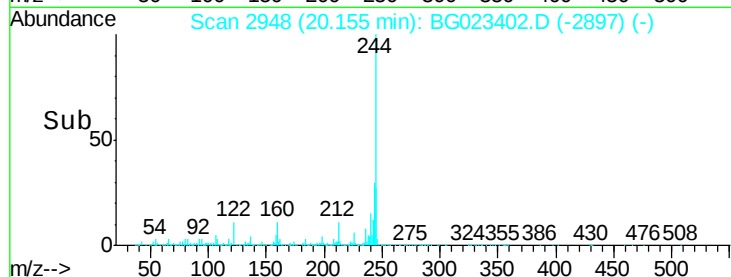
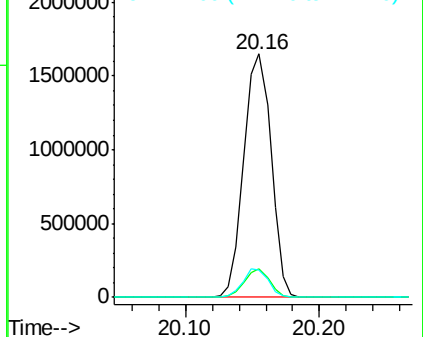
122 11.3 8.0 12.0



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: 25.24 min Scan# 3814

Delta R.T. 0.00 min

Lab File: BG023402.D

Acq: 2 Aug 2016 18:59

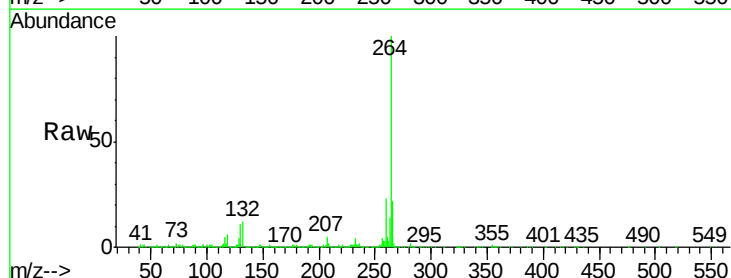
Tgt Ion:264 Resp: 1005028

Ion Ratio Lower Upper

264 100

260 23.0 18.4 27.6

265 22.1 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

