

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
 Data File : BG022588.D
 Acq On : 26 Jun 2016 00:06
 Operator : UM/SJ
 Sample : H3698-03
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-23

Quant Time: Jun 26 06:49:25 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

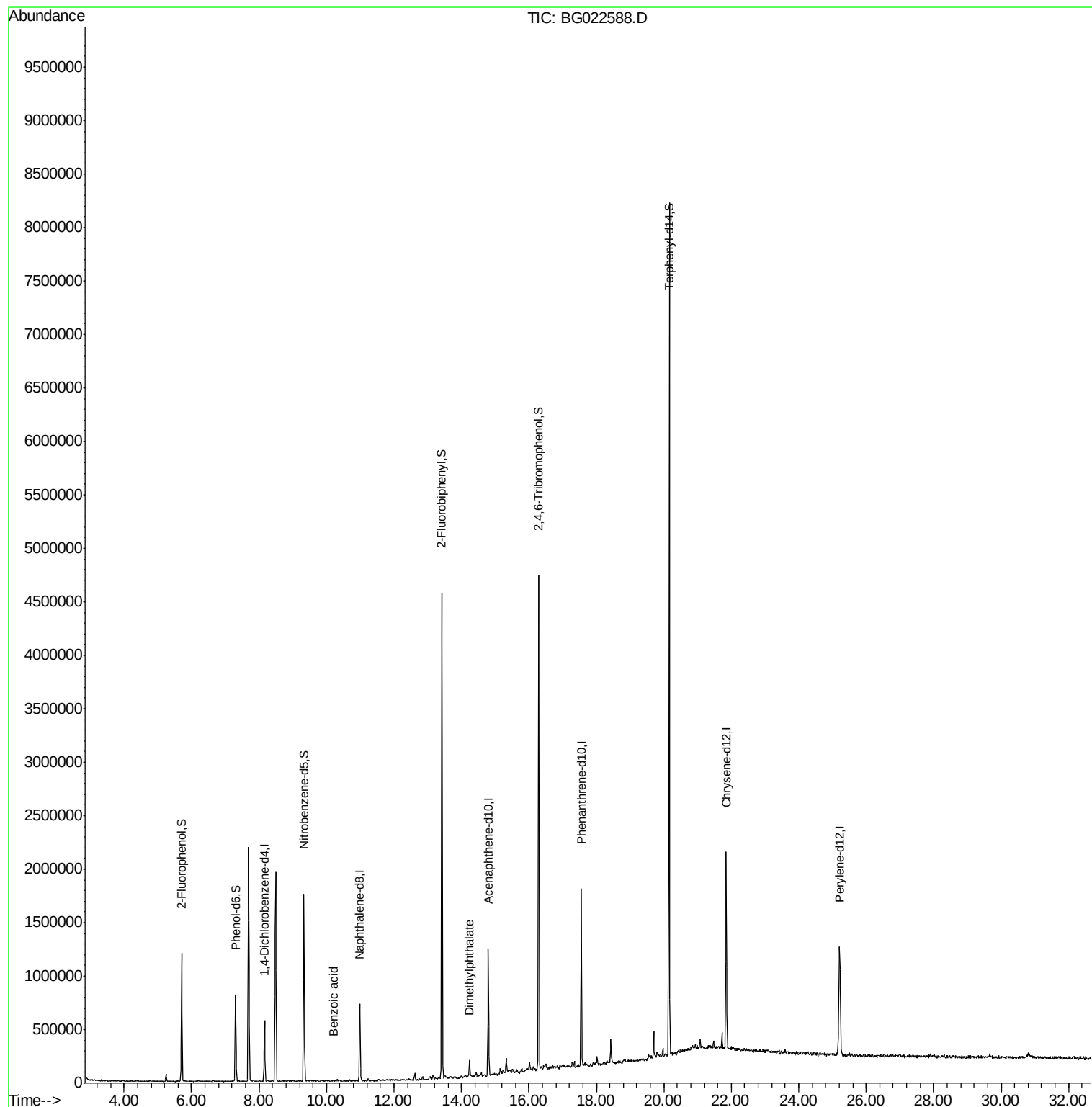
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	139741	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	572449	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	403001	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	996605	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1153113	20.00	ng	0.00
86) Perylene-d12	25.21	264	1207510	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	484888	55.66	ng	0.00
7) Phenol-d6	7.30	99	449922	36.64	ng	0.00
23) Nitrobenzene-d5	9.33	82	1131378	83.65	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	791108	124.81	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2139178	84.18	ng	0.00
78) Terphenyl-d14	20.16	244	2864875	65.82	ng	0.00
Target Compounds						
32) Benzoic acid	10.21	122	185	5.14	ng	Qvalue # 31
49) Dimethylphthalate	14.24	163	90983	2.72	ng	98

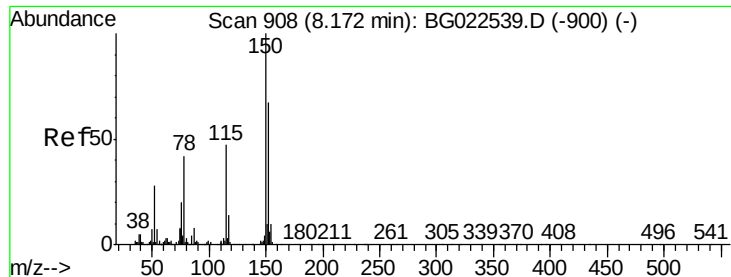
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022588.D

Acq: 26 Jun 2016 00:06

Instrument :

BNA_G

ClientSampleId :

W-23

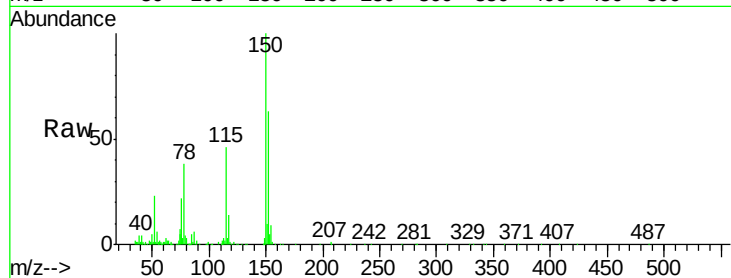
Tgt Ion:152 Resp: 139741

Ion Ratio Lower Upper

152 100

150 158.9 144.7 217.1

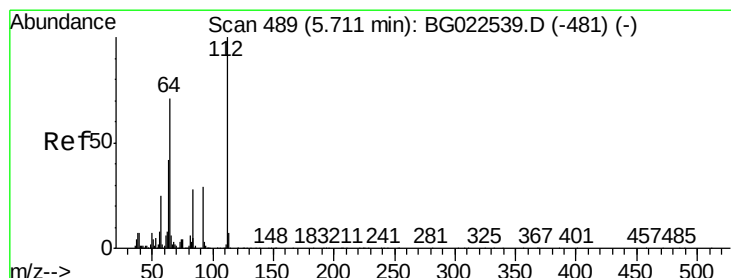
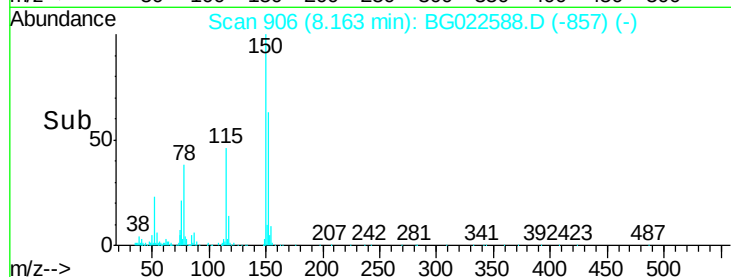
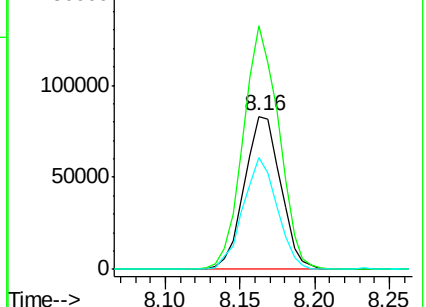
115 73.3 64.0 96.0



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: 55.66 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022588.D

Acq: 26 Jun 2016 00:06

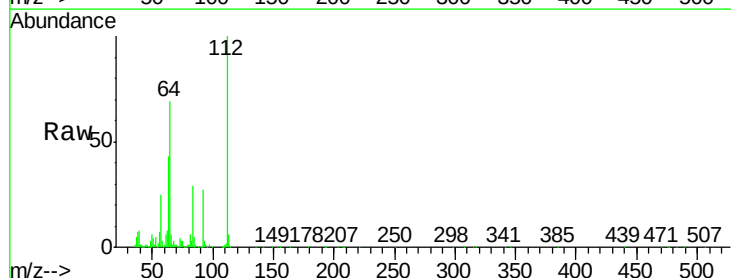
Tgt Ion:112 Resp: 484888

Ion Ratio Lower Upper

112 100

64 69.3 59.0 88.4

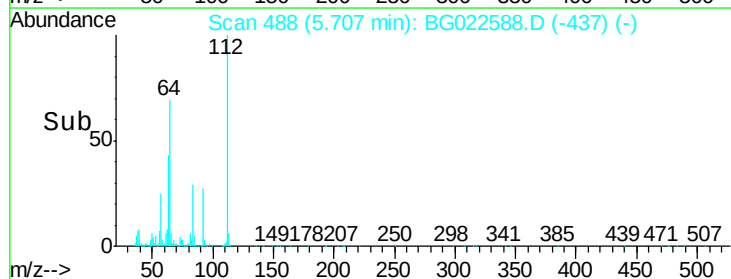
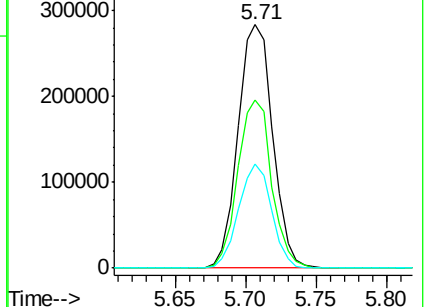
63 42.6 37.8 56.8

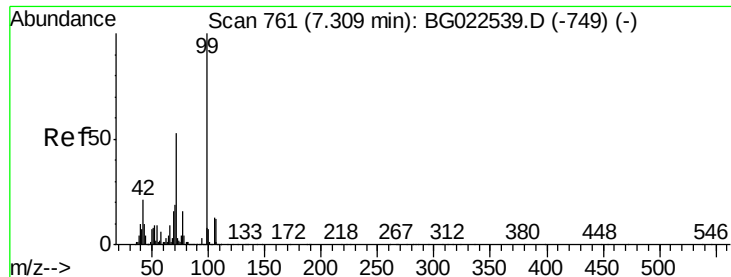


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 36.64 ng

RT: 7.30 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022588.D

Acq: 26 Jun 2016 00:06

Instrument :

BNA_G

ClientSampleId :

W-23

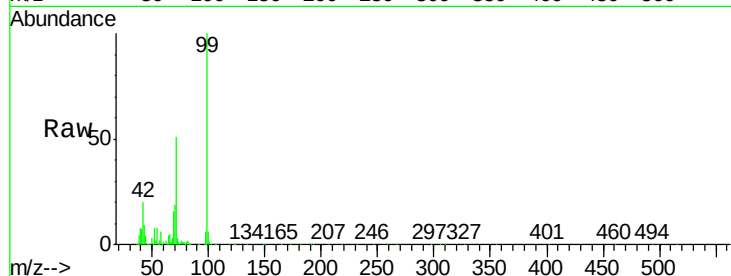
Tgt Ion: 99 Resp: 449922

Ion Ratio Lower Upper

99 100

42 20.0 17.8 26.6

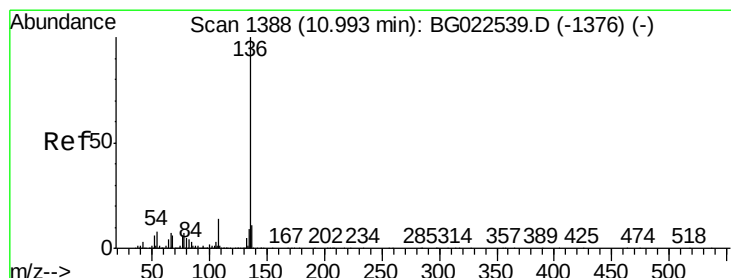
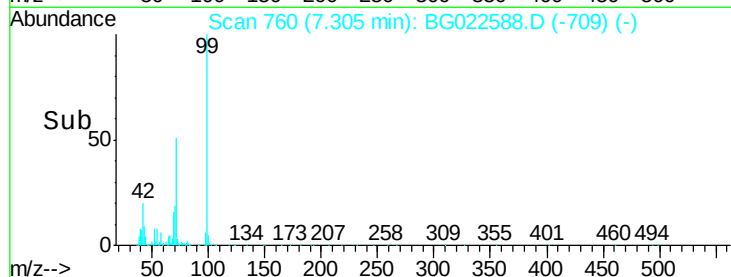
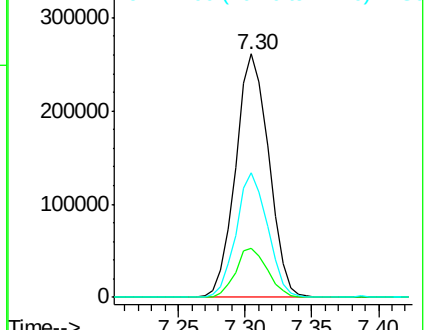
71 51.4 41.5 62.3



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: 10.99 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BG022588.D

Acq: 26 Jun 2016 00:06

Tgt Ion: 136 Resp: 572449

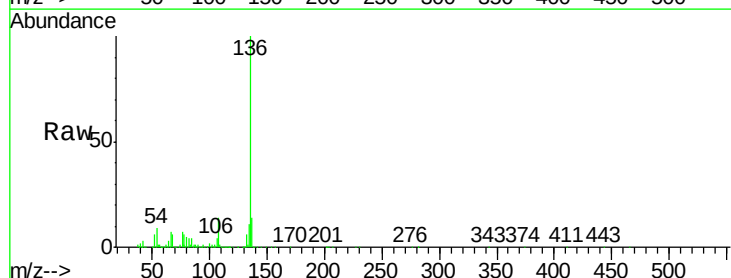
Ion Ratio Lower Upper

136 100

137 13.6 9.6 14.4

54 9.3 7.3 10.9

68 6.1 5.3 7.9

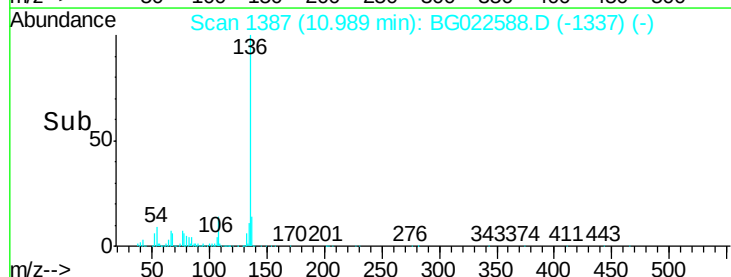
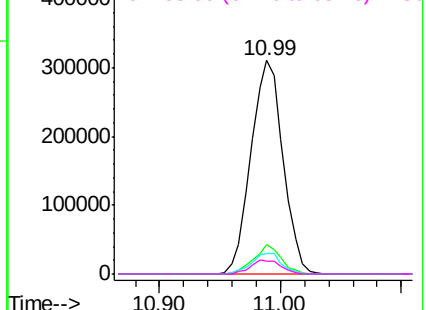


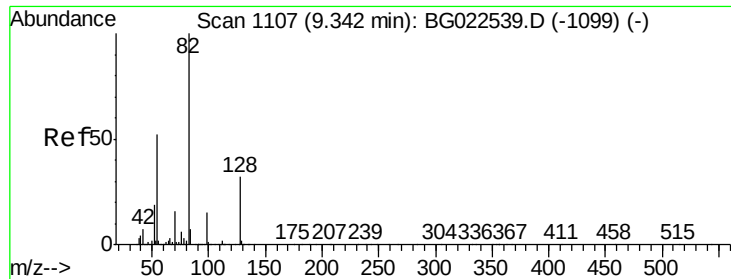
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

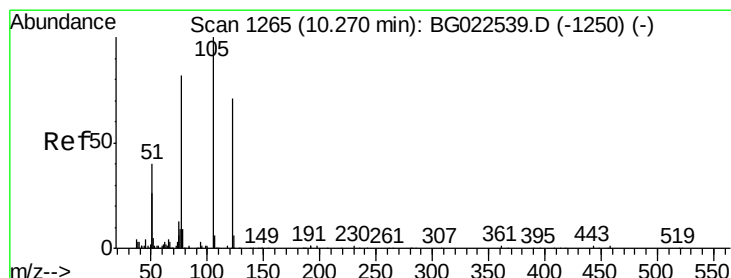
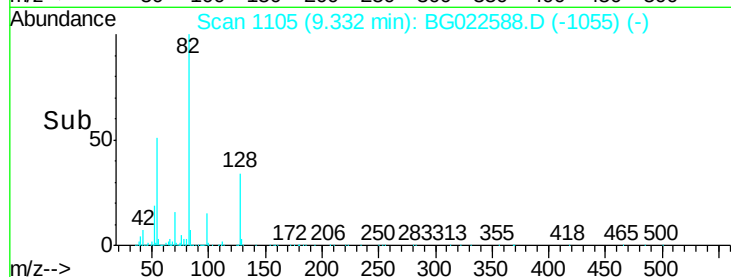
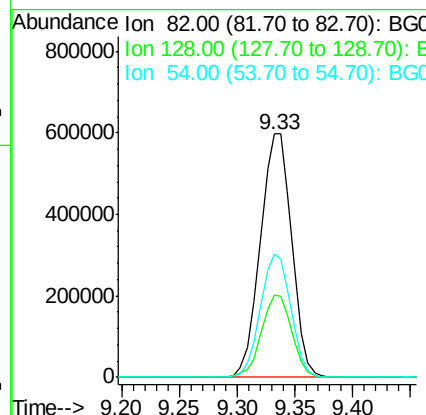
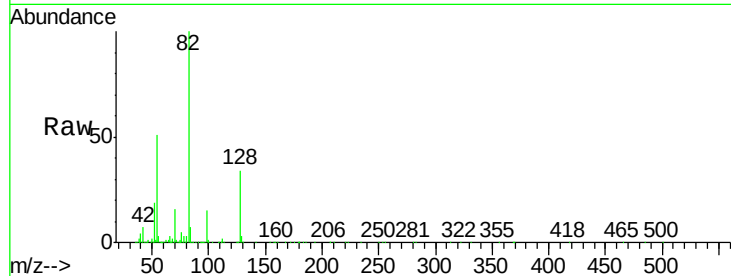




#23
 Nitrobenzene-d5
 Concen: 83.65 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BG022588.D
 Acq: 26 Jun 2016 00:06

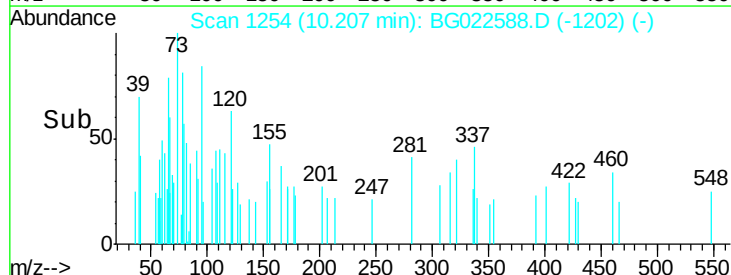
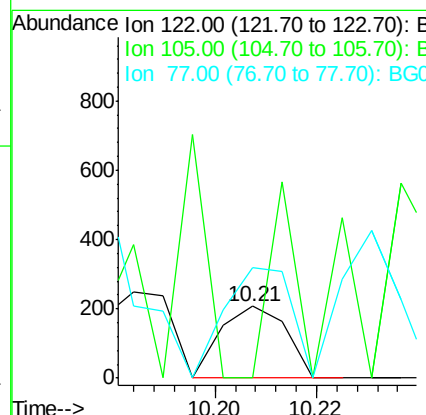
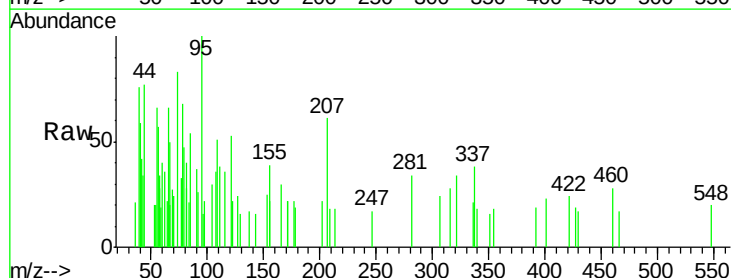
Instrument :
 BNA_G
 ClientSampleId :
 W-23

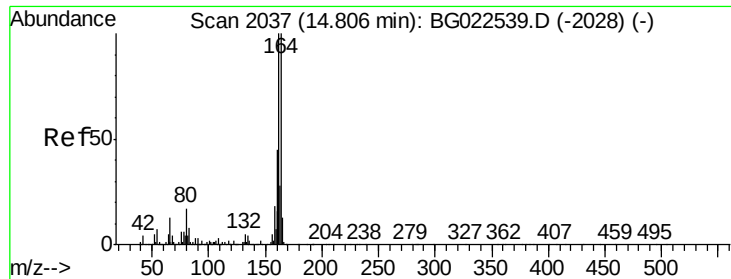
Tgt Ion: 82 Resp: 1131378
 Ion Ratio Lower Upper
 82 100
 128 33.7 24.4 36.6
 54 50.6 41.4 62.0



#32
 Benzoic acid
 Concen: 5.14 ng
 RT: 10.21 min Scan# 1254
 Delta R.T. 0.01 min
 Lab File: BG022588.D
 Acq: 26 Jun 2016 00:06

Tgt Ion: 122 Resp: 185
 Ion Ratio Lower Upper
 122 100
 105 0.0 117.2 157.2#
 77 152.9 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022588.D

Acq: 26 Jun 2016 00:06

Instrument :

BNA_G

ClientSampleId :

W-23

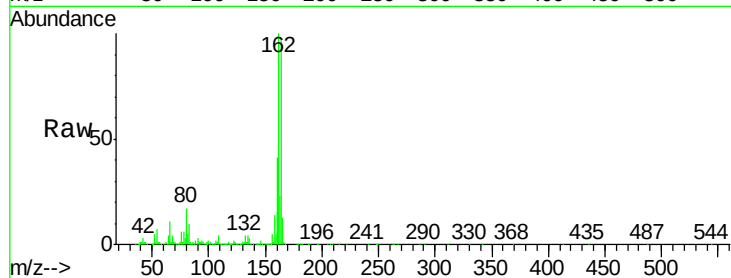
Tgt Ion:164 Resp: 403001

Ion Ratio Lower Upper

164 100

162 103.3 87.7 131.5

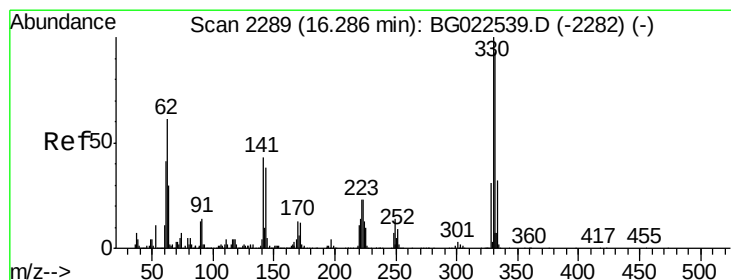
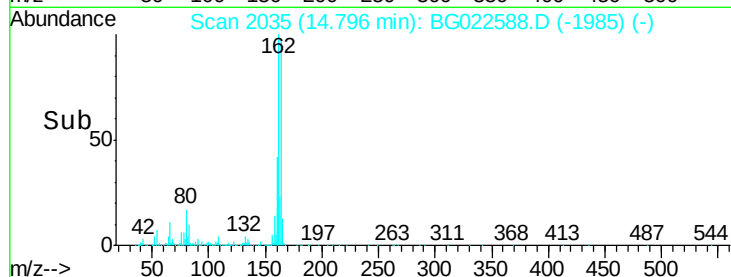
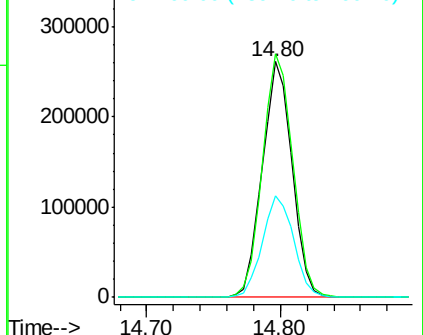
160 42.8 37.2 55.8



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: 124.81 ng

RT: 16.29 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG022588.D

Acq: 26 Jun 2016 00:06

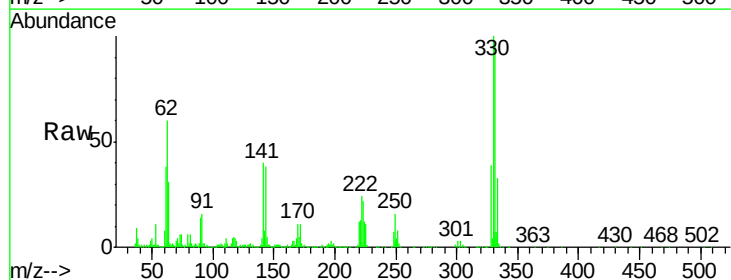
Tgt Ion:330 Resp: 791108

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.2

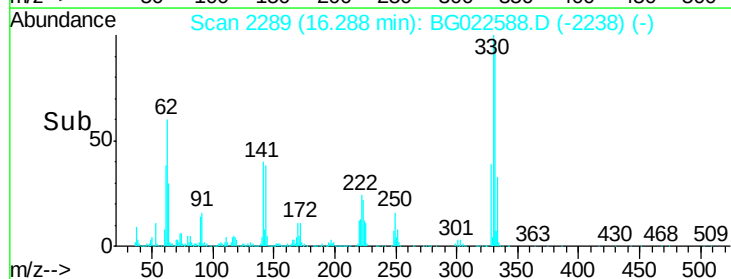
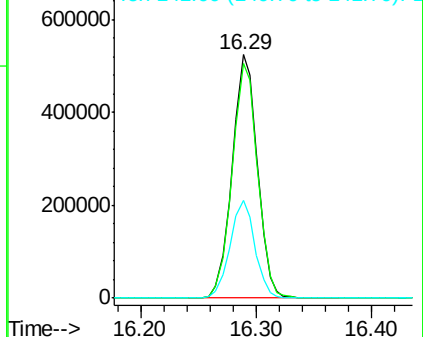
141 39.6 31.7 47.5

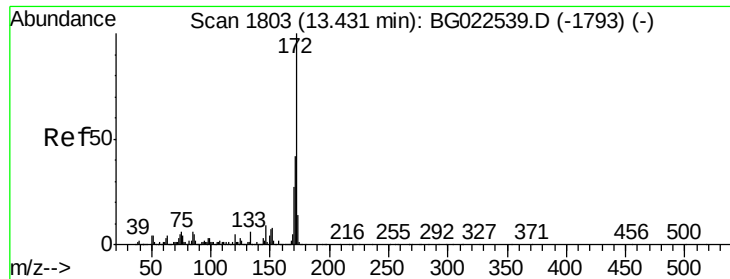


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

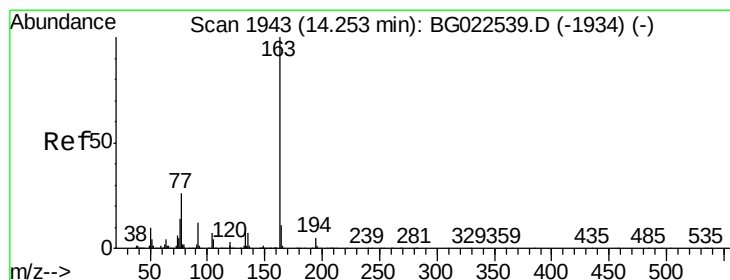
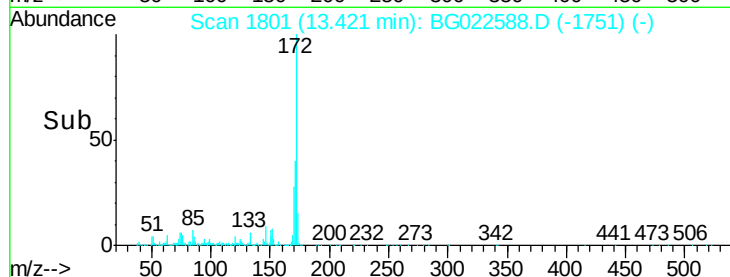
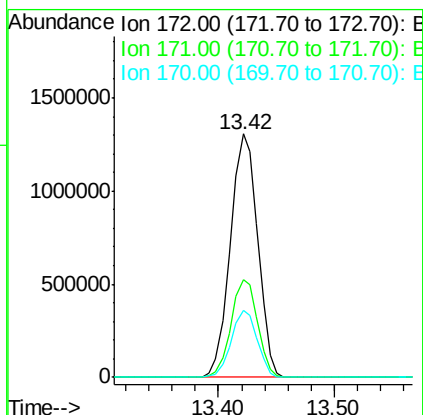
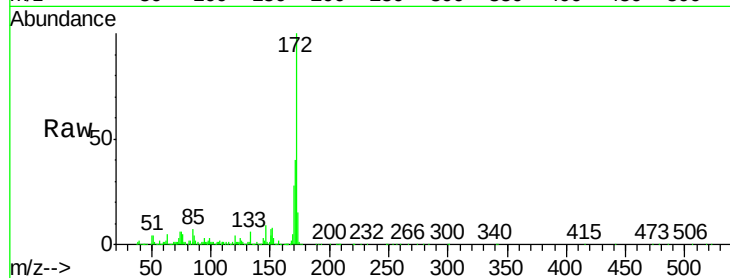




#44
2-Fluorobiphenyl
Concen: 84.18 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG022588.D
Acq: 26 Jun 2016 00:06

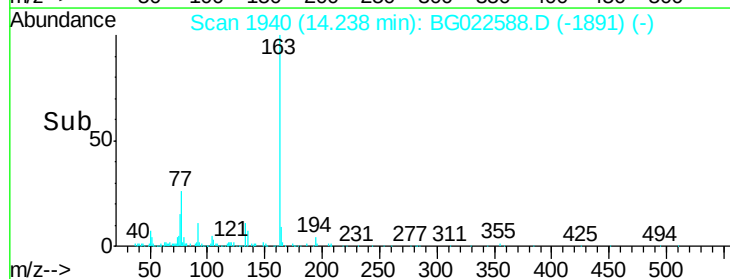
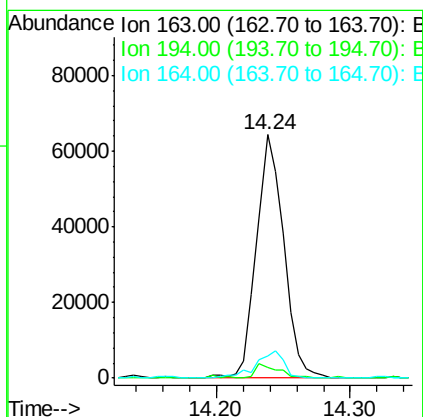
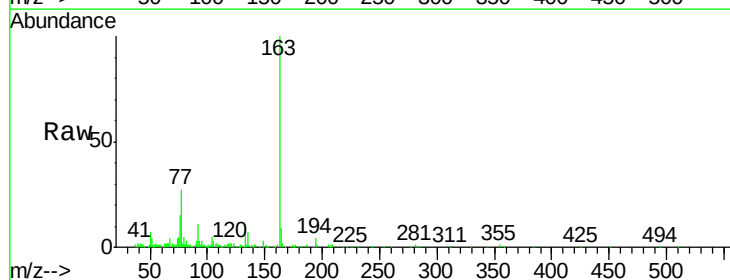
Instrument :
BNA_G
ClientSampleId :
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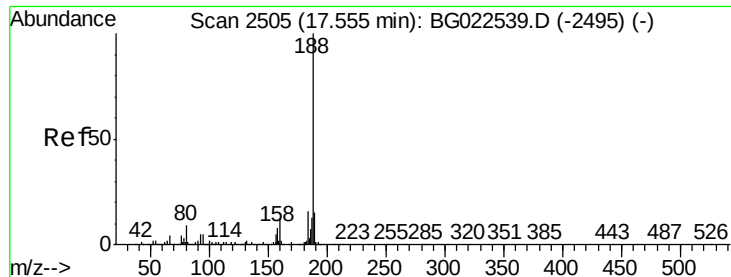
Tgt Ion:172 Resp: 2139178
Ion Ratio Lower Upper
172 100
171 40.3 31.6 47.4
170 27.7 21.3 31.9



#49
Dimethylphthalate
Concen: 2.72 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022588.D
Acq: 26 Jun 2016 00:06

Tgt Ion:163 Resp: 90983
Ion Ratio Lower Upper
163 100
194 4.2 3.6 5.4
164 9.1 8.1 12.1

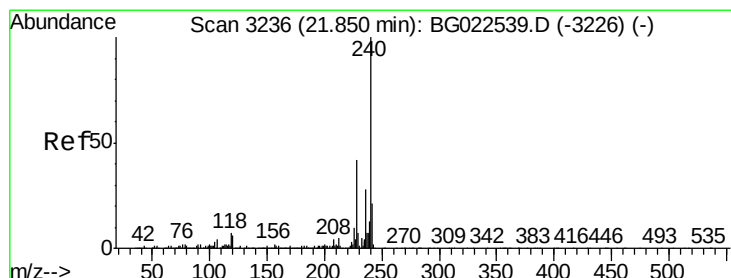
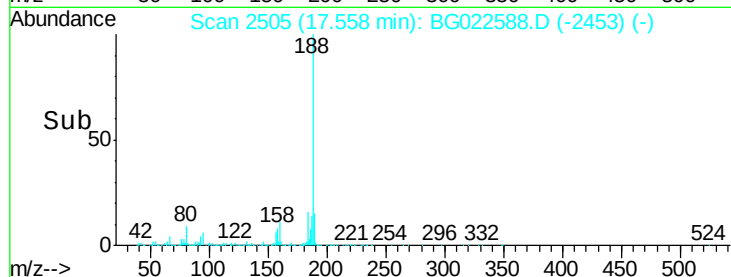
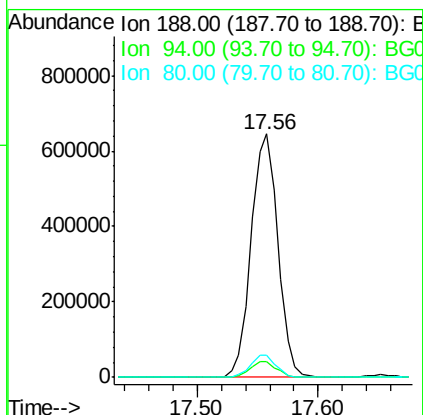
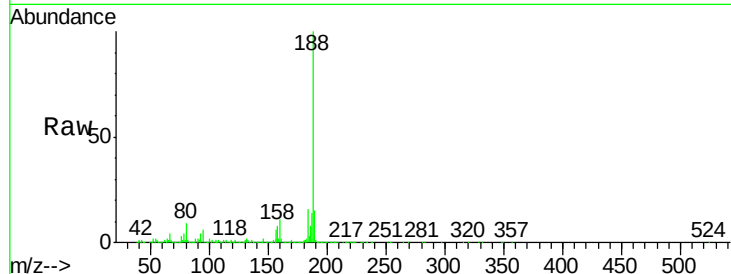




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022588.D
Acq: 26 Jun 2016 00:06

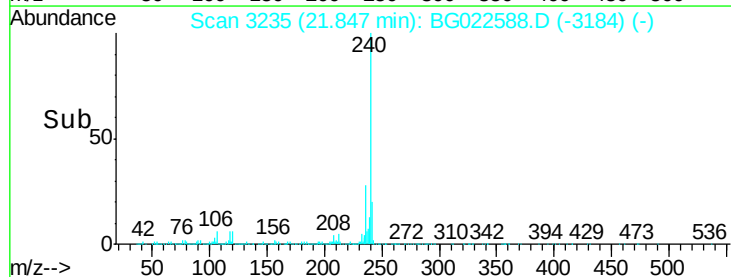
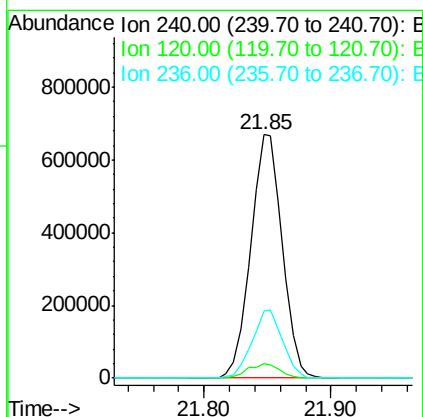
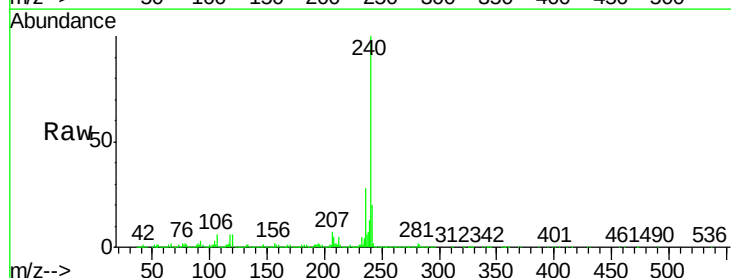
Instrument :
BNA_G
ClientSampleId :
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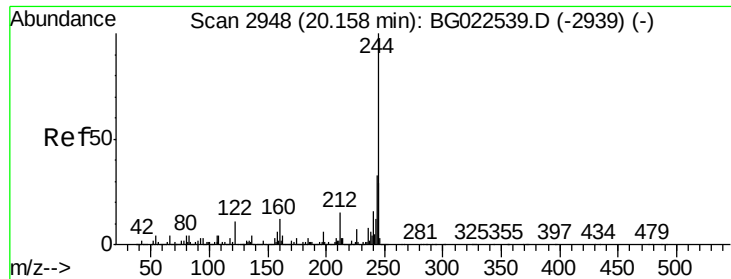
Tgt Ion:188 Resp: 996605
Ion Ratio Lower Upper
188 100
94 6.4 5.2 7.8
80 9.3 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. 0.00 min
Lab File: BG022588.D
Acq: 26 Jun 2016 00:06

Tgt Ion:240 Resp: 1153113
Ion Ratio Lower Upper
240 100
120 5.9 4.1 6.1
236 27.6 21.1 31.7





#78

Terphenyl-d14

Concen: 65.82 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022588.D

Acq: 26 Jun 2016 00:06

Instrument :

BNA_G

ClientSampleId :

W-23

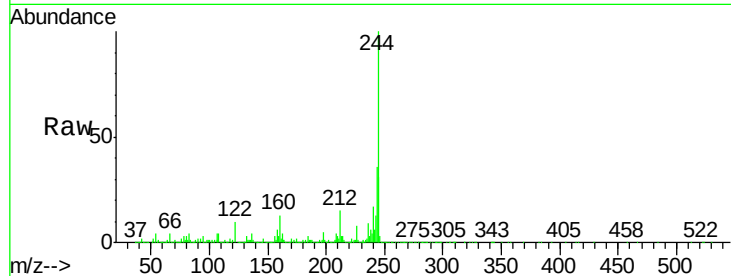
Tgt Ion:244 Resp: 2864875

Ion Ratio Lower Upper

244 100

212 14.6 10.8 16.2

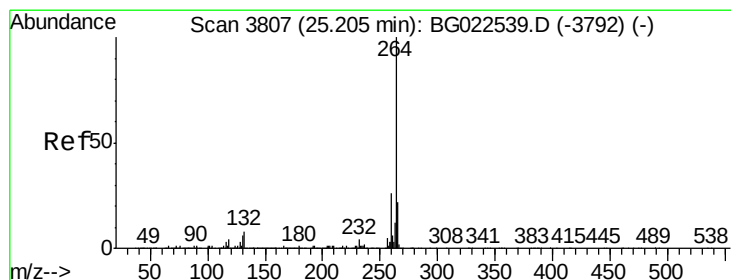
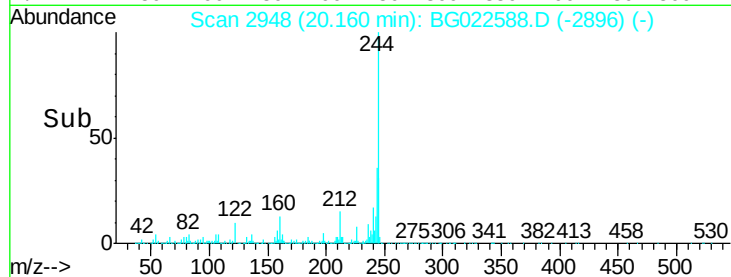
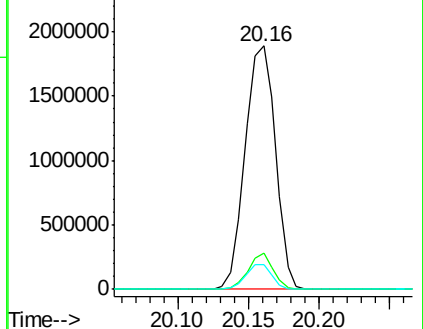
122 10.2 8.0 12.0



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: 25.21 min Scan# 3808

Delta R.T. 0.01 min

Lab File: BG022588.D

Acq: 26 Jun 2016 00:06

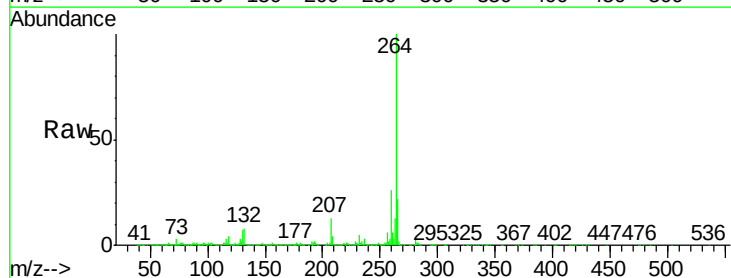
Tgt Ion:264 Resp: 1207510

Ion Ratio Lower Upper

264 100

260 25.6 18.4 27.6

265 21.7 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

