

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
 Data File : BG022569.D
 Acq On : 25 Jun 2016 11:27
 Operator : UM/SJ
 Sample : H3633-18
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TPEMW2-22

Quant Time: Jun 27 01:05:48 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

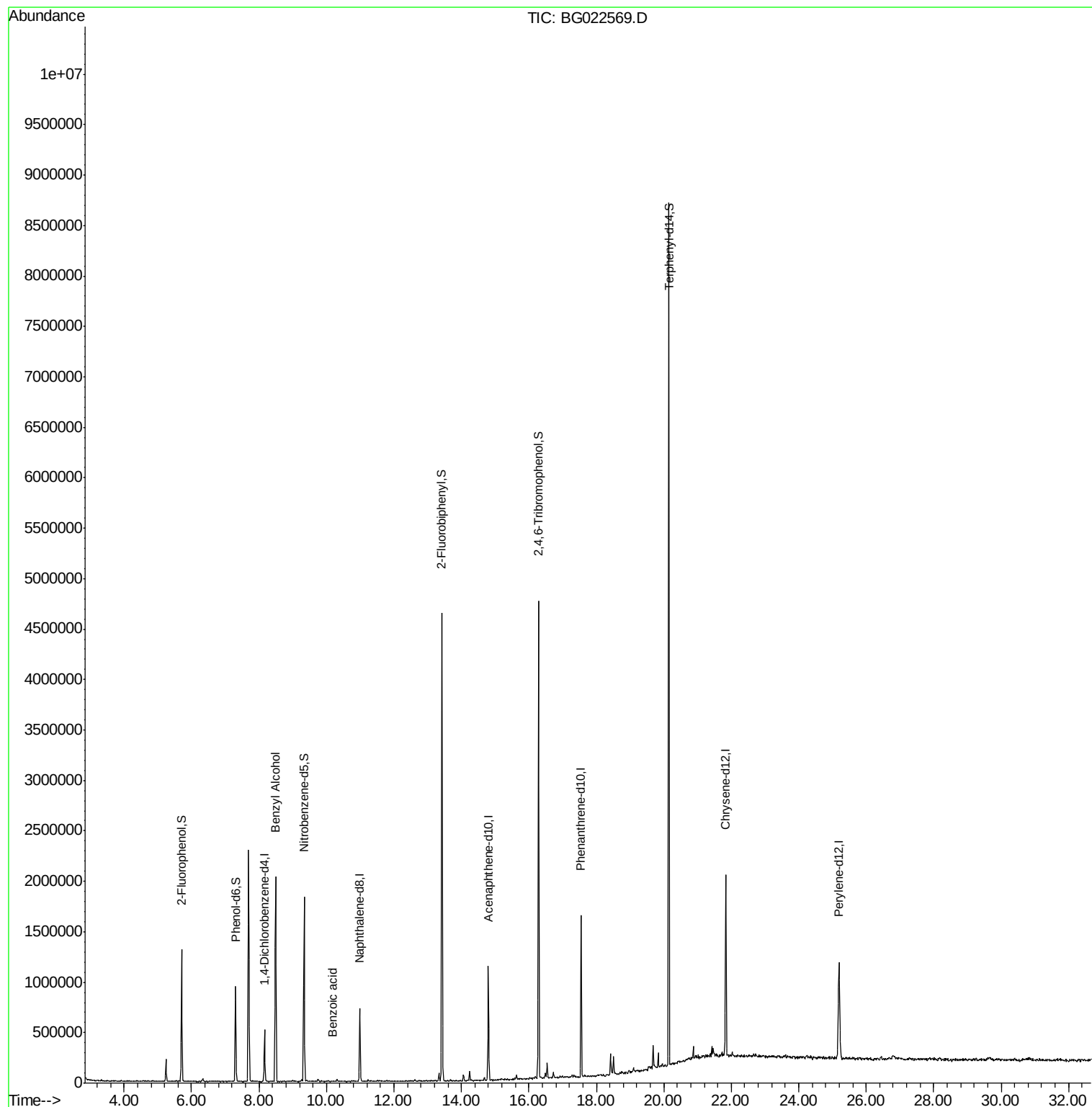
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	132049	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	552870	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	390137	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	965235	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1092415	20.00	ng	0.00
86) Perylene-d12	25.20	264	1157318	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	513611	62.39	ng	0.00
7) Phenol-d6	7.31	99	489980	42.22	ng	0.00
23) Nitrobenzene-d5	9.34	82	1173790	89.86	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	839004	136.73	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2211932	89.91	ng	0.00
78) Terphenyl-d14	20.15	244	2984939	72.39	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.49	79	22706	2.11	ng	# 62
32) Benzoic acid	10.18	122	330	5.16	ng	# 1

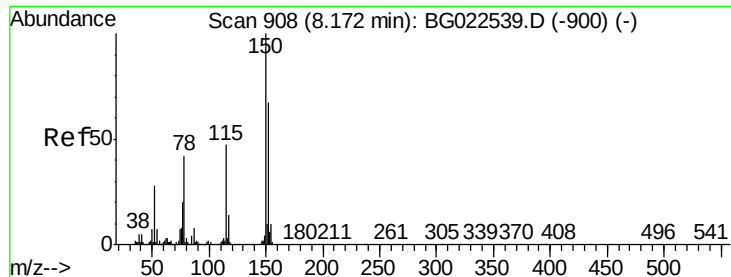
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG022569.D

Acq: 25 Jun 2016 11:27

Instrument :

BNA_G

ClientSampleId :

TEPMW2-22

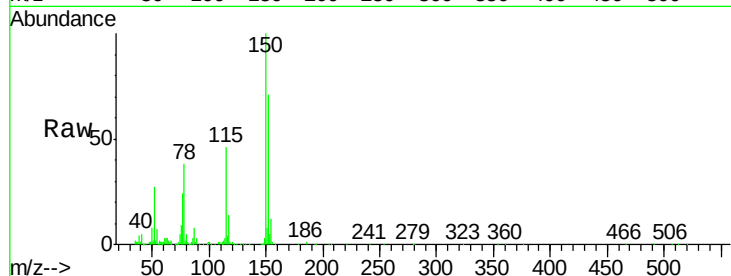
Tgt Ion:152 Resp: 132049

Ion Ratio Lower Upper

152 100

150 140.4 144.7 217.1#

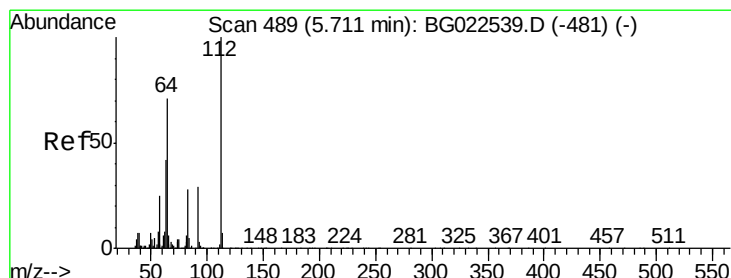
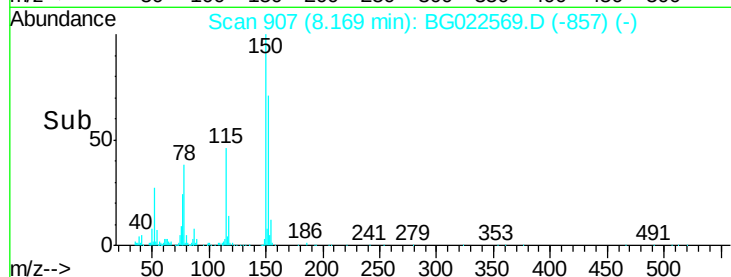
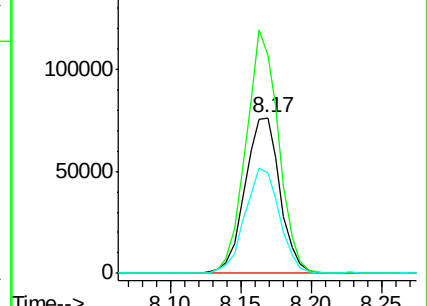
115 64.4 64.0 96.0



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: 62.39 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022569.D

Acq: 25 Jun 2016 11:27

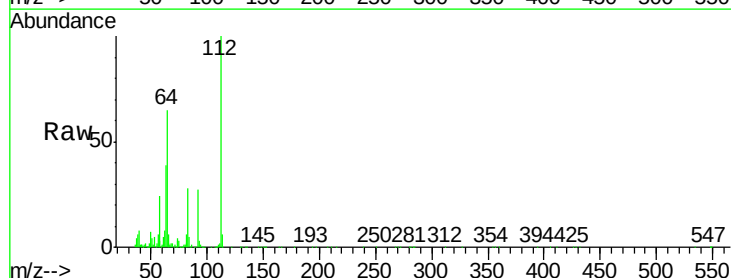
Tgt Ion:112 Resp: 513611

Ion Ratio Lower Upper

112 100

64 65.3 59.0 88.4

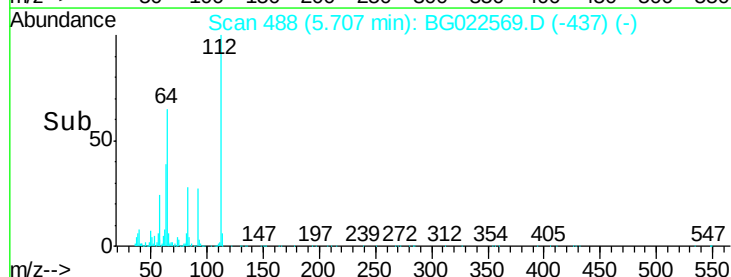
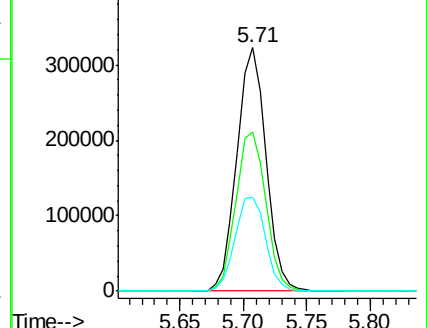
63 38.5 37.8 56.8

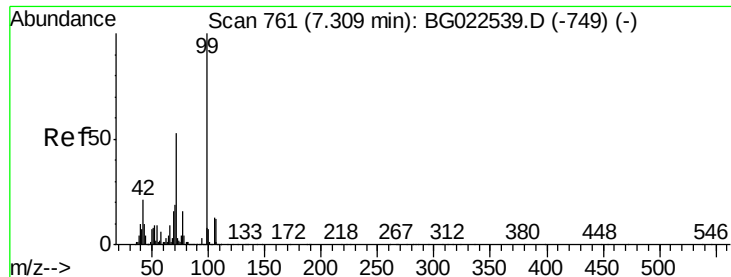


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 42.22 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022569.D

Acq: 25 Jun 2016 11:27

Instrument :

BNA_G

ClientSampleId :

TEPMW2-22

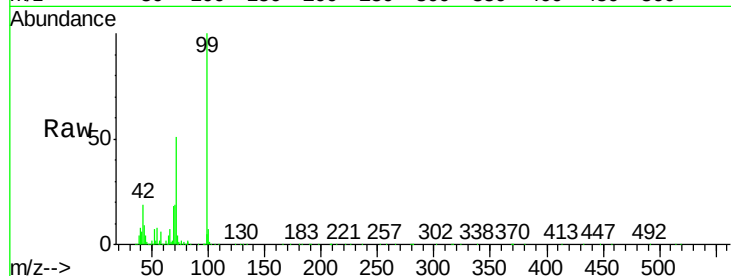
Tgt Ion: 99 Resp: 489980

Ion Ratio Lower Upper

99 100

42 18.9 17.8 26.6

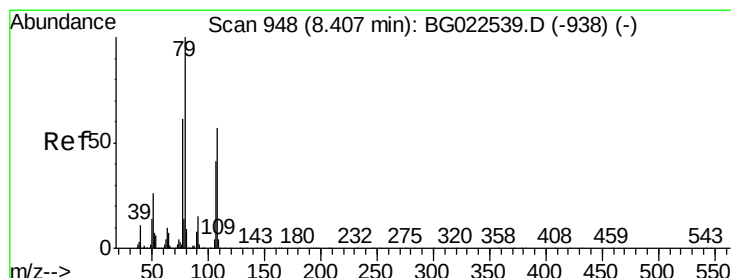
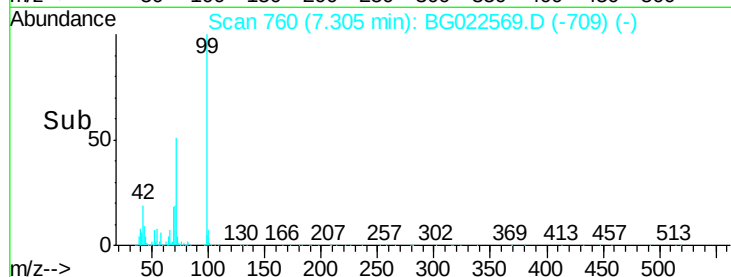
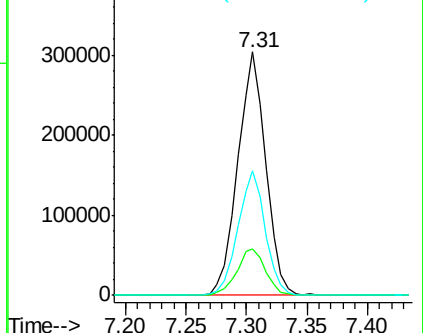
71 51.1 41.5 62.3



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



#15

Benzyl Alcohol

Concen: 2.11 ng

RT: 8.49 min Scan# 962

Delta R.T. 0.09 min

Lab File: BG022569.D

Acq: 25 Jun 2016 11:27

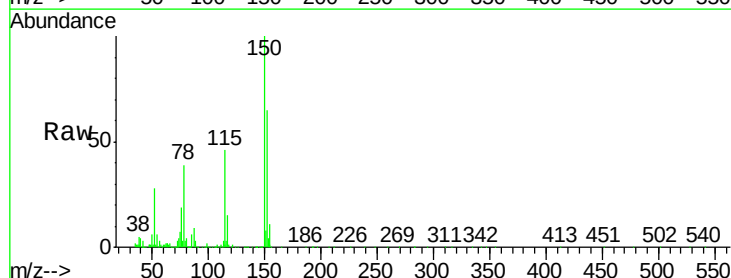
Tgt Ion: 79 Resp: 22706

Ion Ratio Lower Upper

79 100

108 30.1 46.5 69.7#

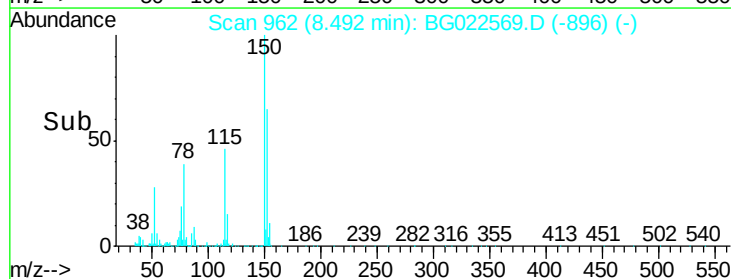
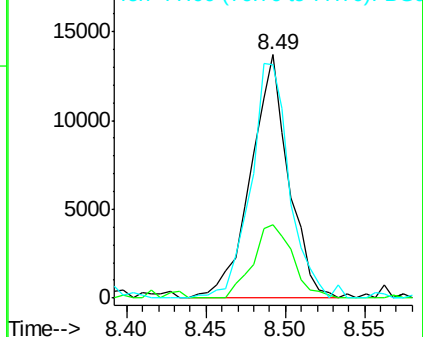
77 95.9 52.3 78.5#

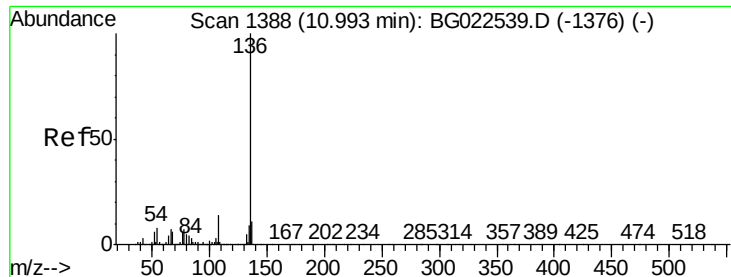


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

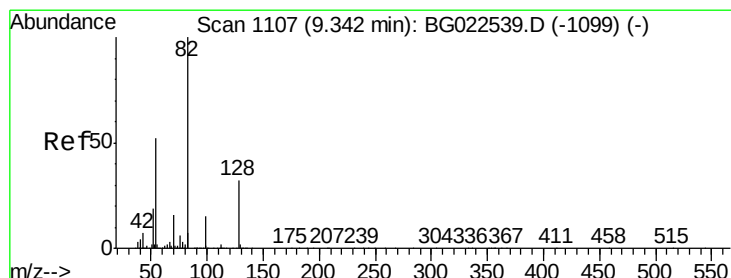
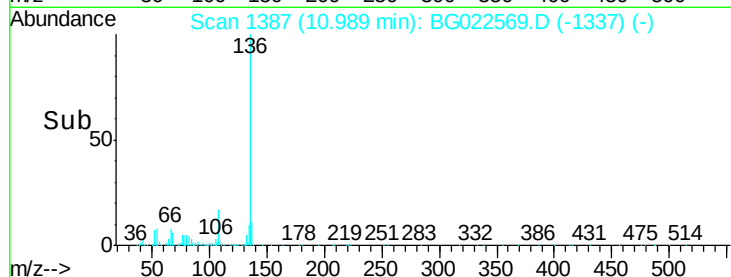
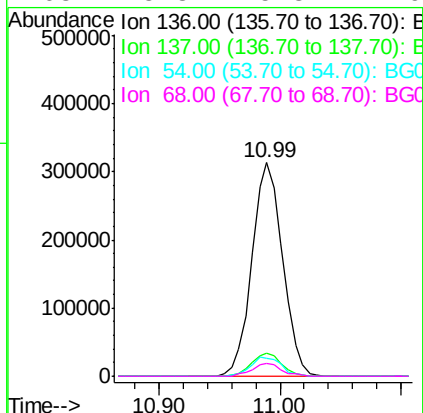
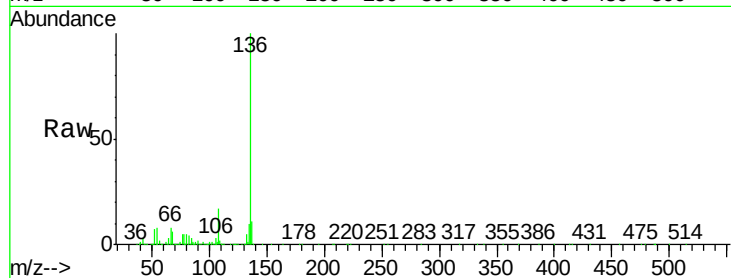




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG022569.D
Acq: 25 Jun 2016 11:27

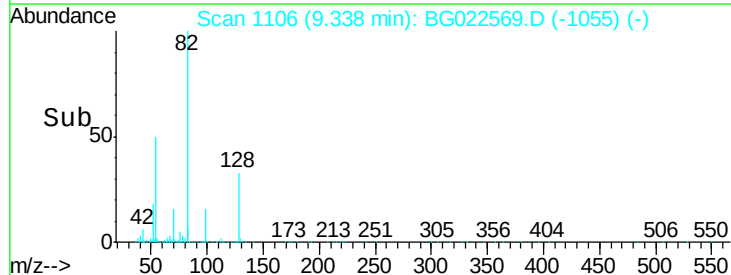
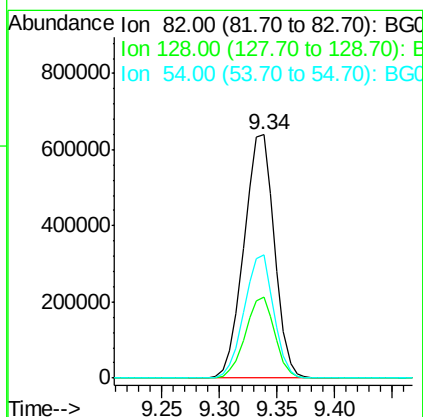
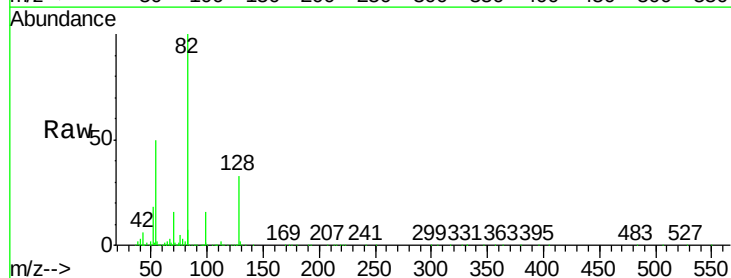
Instrument :
BNA_G
ClientSampleId :
TEPMW2-22

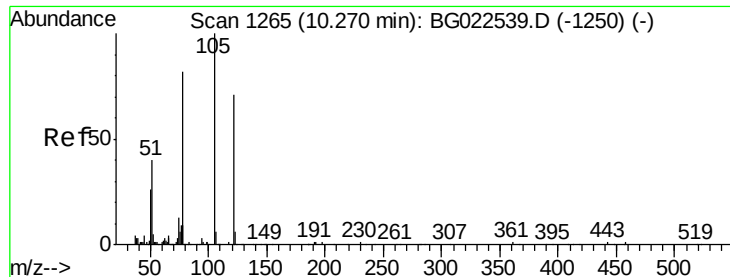
Tgt Ion:	136	Resp:	552870
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.6	14.4
54	8.5	7.3	10.9
68	5.8	5.3	7.9



#23
Nitrobenzene-d5
Concen: 89.86 ng
RT: 9.34 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BG022569.D
Acq: 25 Jun 2016 11:27

Tgt Ion:	82	Resp:	1173790
Ion	Ratio	Lower	Upper
82	100		
128	33.1	24.4	36.6
54	50.5	41.4	62.0

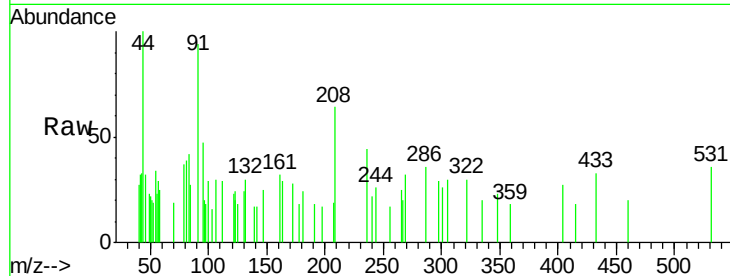




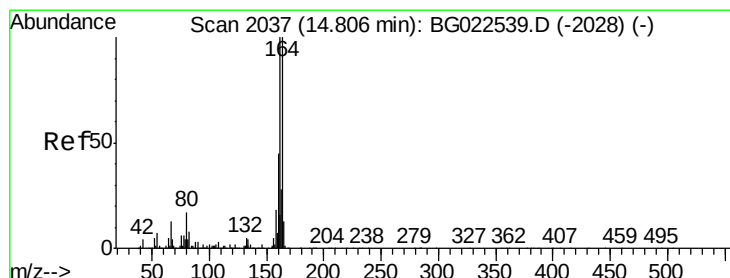
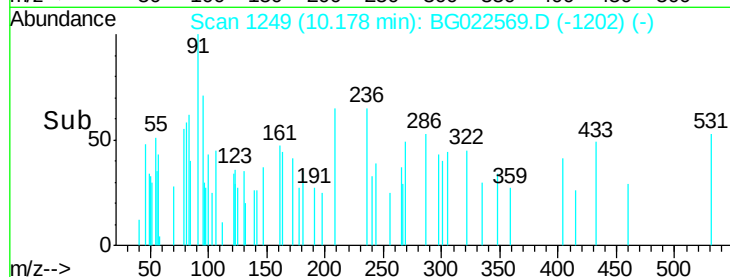
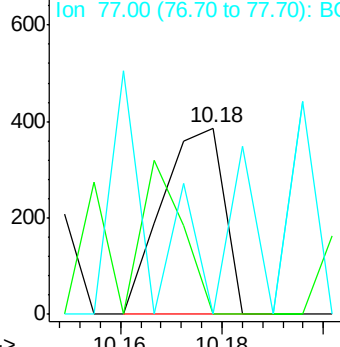
#32
Benzoic acid
Concen: 5.16 ng
RT: 10.18 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BG022569.D
Acq: 25 Jun 2016 11:27

Instrument :
BNA_G
ClientSampleId :
TEPMW2-22

Tgt Ion:122 Resp: 330
Ion Ratio Lower Upper
122 100
105 0.0 117.2 157.2#
77 0.0 109.2 149.2#

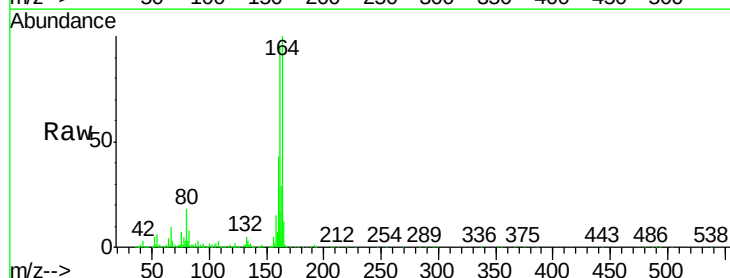


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

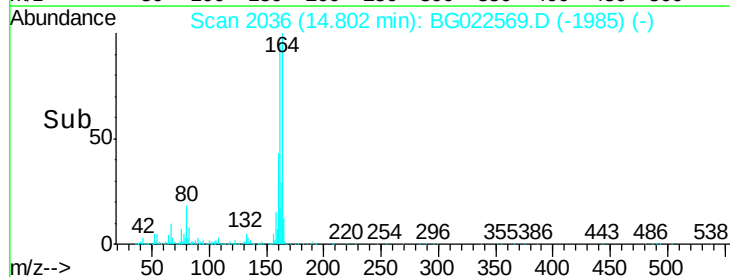
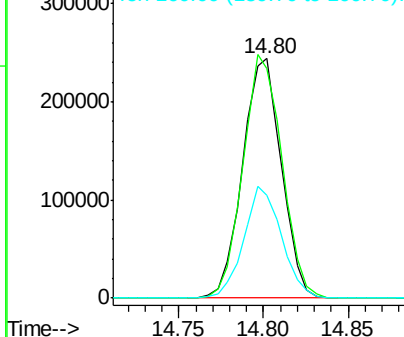


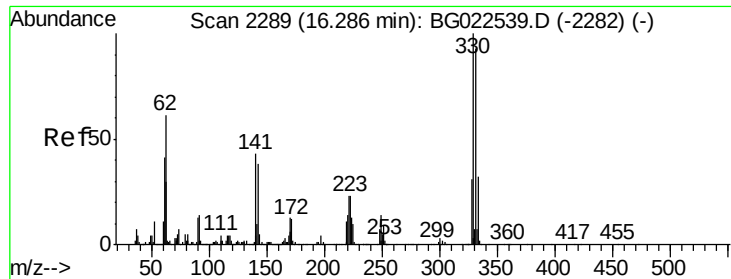
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG022569.D
Acq: 25 Jun 2016 11:27

Tgt Ion:164 Resp: 390137
Ion Ratio Lower Upper
164 100
162 95.5 87.7 131.5
160 42.7 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

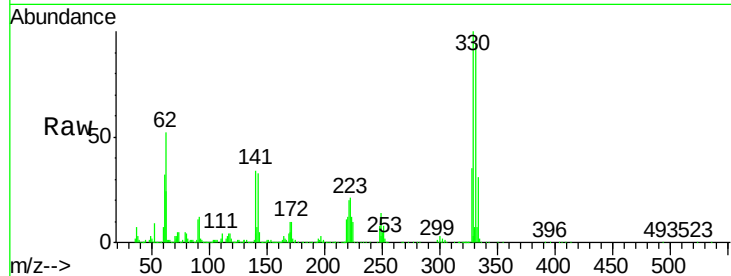




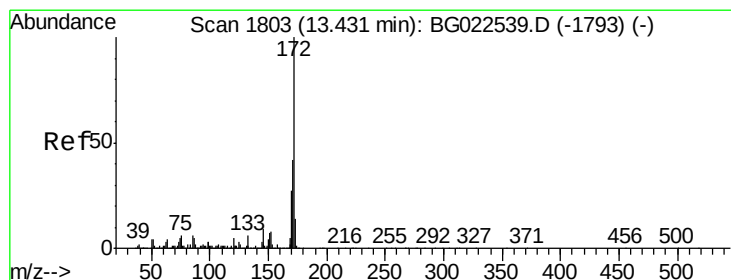
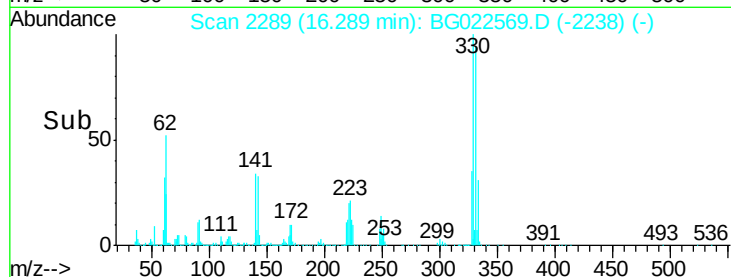
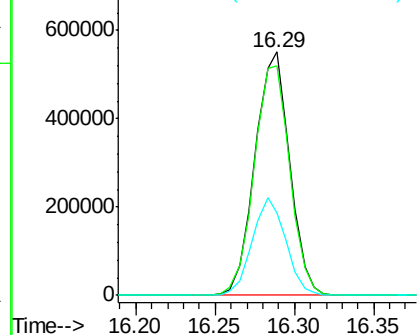
#41
 2,4,6-Tribromophenol
 Concen: 136.73 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG022569.D
 Acq: 25 Jun 2016 11:27

Instrument :
 BNA_G
 ClientSampleId :
 TEPMW2-22

Tgt Ion:330 Resp: 839004
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 39.0 31.7 47.5

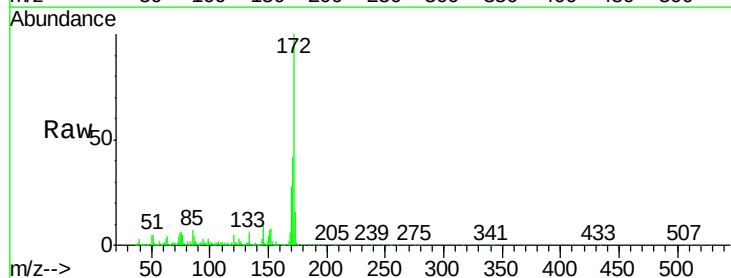


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

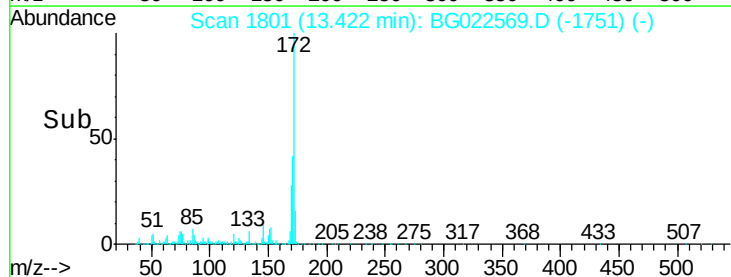
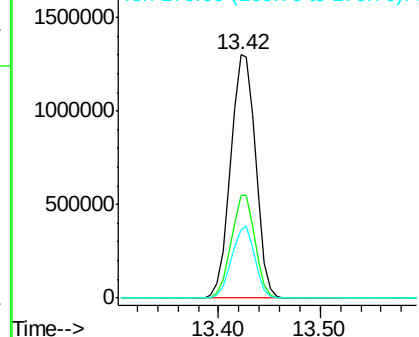


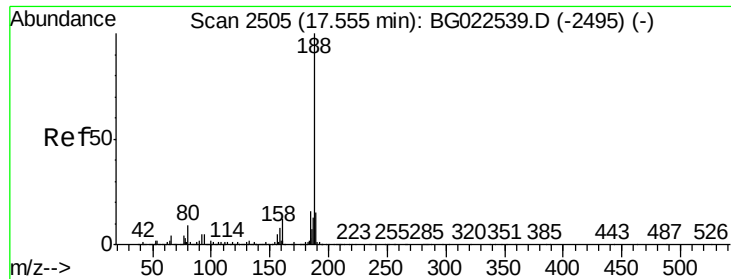
#44
 2-Fluorobiphenyl
 Concen: 89.91 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG022569.D
 Acq: 25 Jun 2016 11:27

Tgt Ion:172 Resp: 2211932
 Ion Ratio Lower Upper
 172 100
 171 42.3 31.6 47.4
 170 28.2 21.3 31.9



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG022569.D

Acq: 25 Jun 2016 11:27

Instrument :

BNA_G

ClientSampleId :

TEPMW2-22

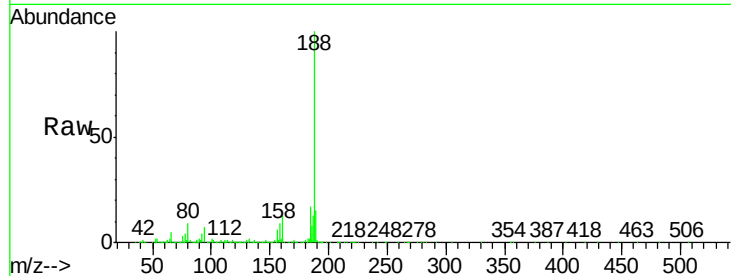
Tgt Ion:188 Resp: 965235

Ion Ratio Lower Upper

188 100

94 7.4 5.2 7.8

80 8.9 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

800000

600000

400000

200000

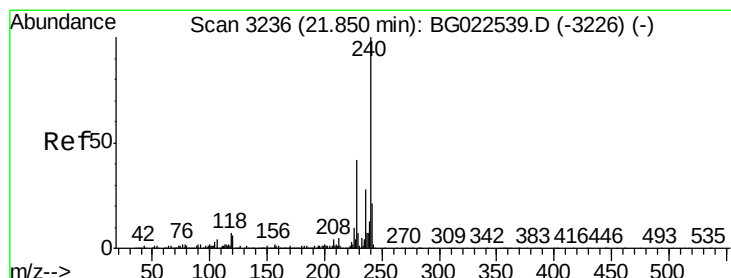
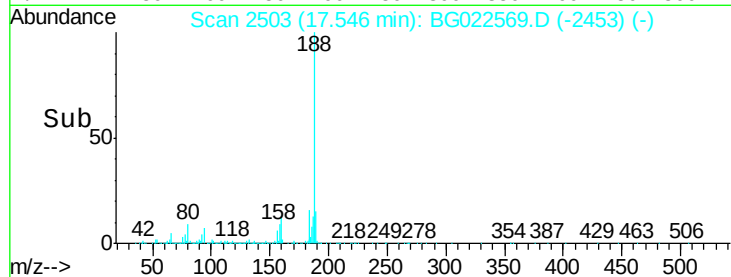
0

17.55

17.50

17.60

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BG022569.D

Acq: 25 Jun 2016 11:27

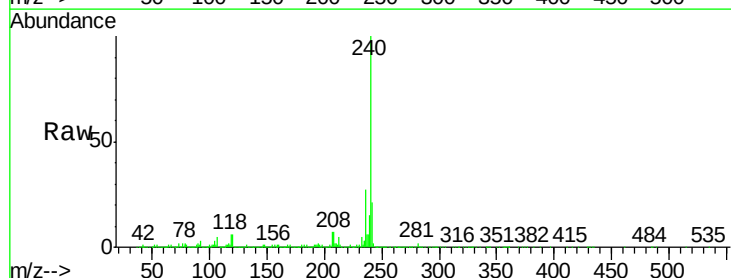
Tgt Ion:240 Resp: 1092415

Ion Ratio Lower Upper

240 100

120 5.7 4.1 6.1

236 27.5 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

800000

600000

400000

200000

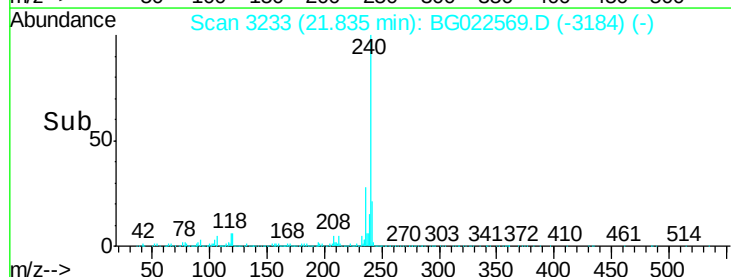
0

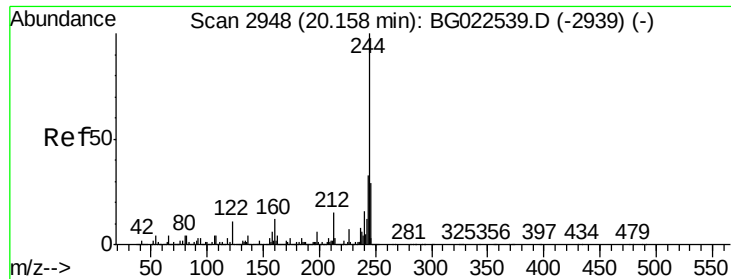
21.84

21.80

21.90

Time-->





#78

Terphenyl-d14

Concen: 72.39 ng

RT: 20.15 min Scan# 2946

Delta R.T. -0.00 min

Lab File: BG022569.D

Acq: 25 Jun 2016 11:27

Instrument :

BNA_G

ClientSampleId :

TEPMW2-22

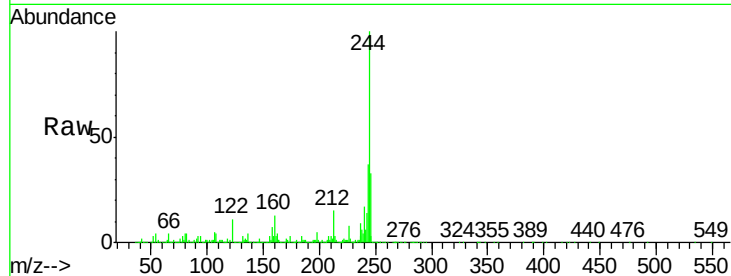
Tgt Ion:244 Resp: 2984939

Ion Ratio Lower Upper

244 100

212 15.4 10.8 16.2

122 11.0 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

2500000

2000000

1500000

1000000

500000

0

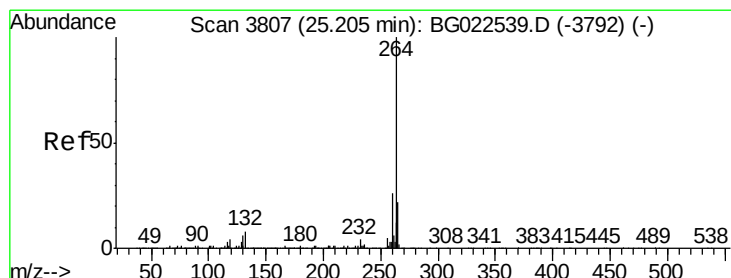
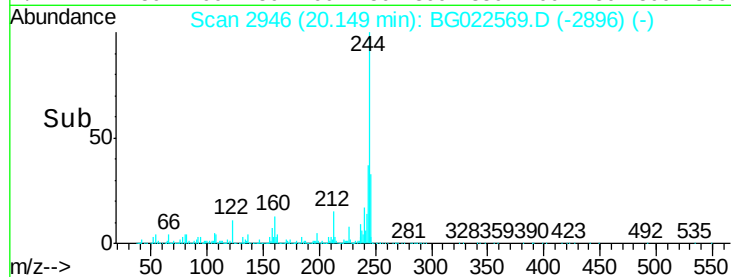
20.15

20.10

20.05

20.20

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.20 min Scan# 3805

Delta R.T. -0.01 min

Lab File: BG022569.D

Acq: 25 Jun 2016 11:27

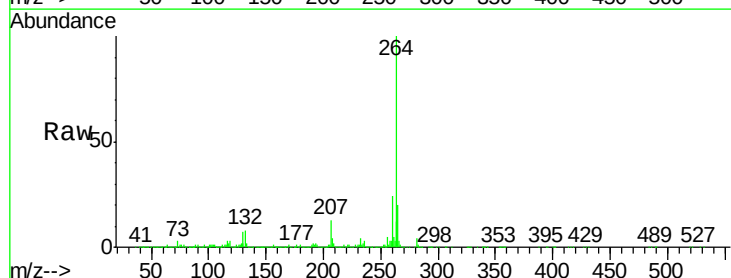
Tgt Ion:264 Resp: 1157318

Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

265 20.2 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

500000

400000

300000

200000

100000

0

25.20

25.10

25.00

25.30

Time-->

