

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071216\
 Data File : BG023059.D
 Acq On : 13 Jul 2016 6:48
 Operator : UM/SJ
 Sample : H3988-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C4.2-4

Quant Time: Jul 13 07:28:55 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

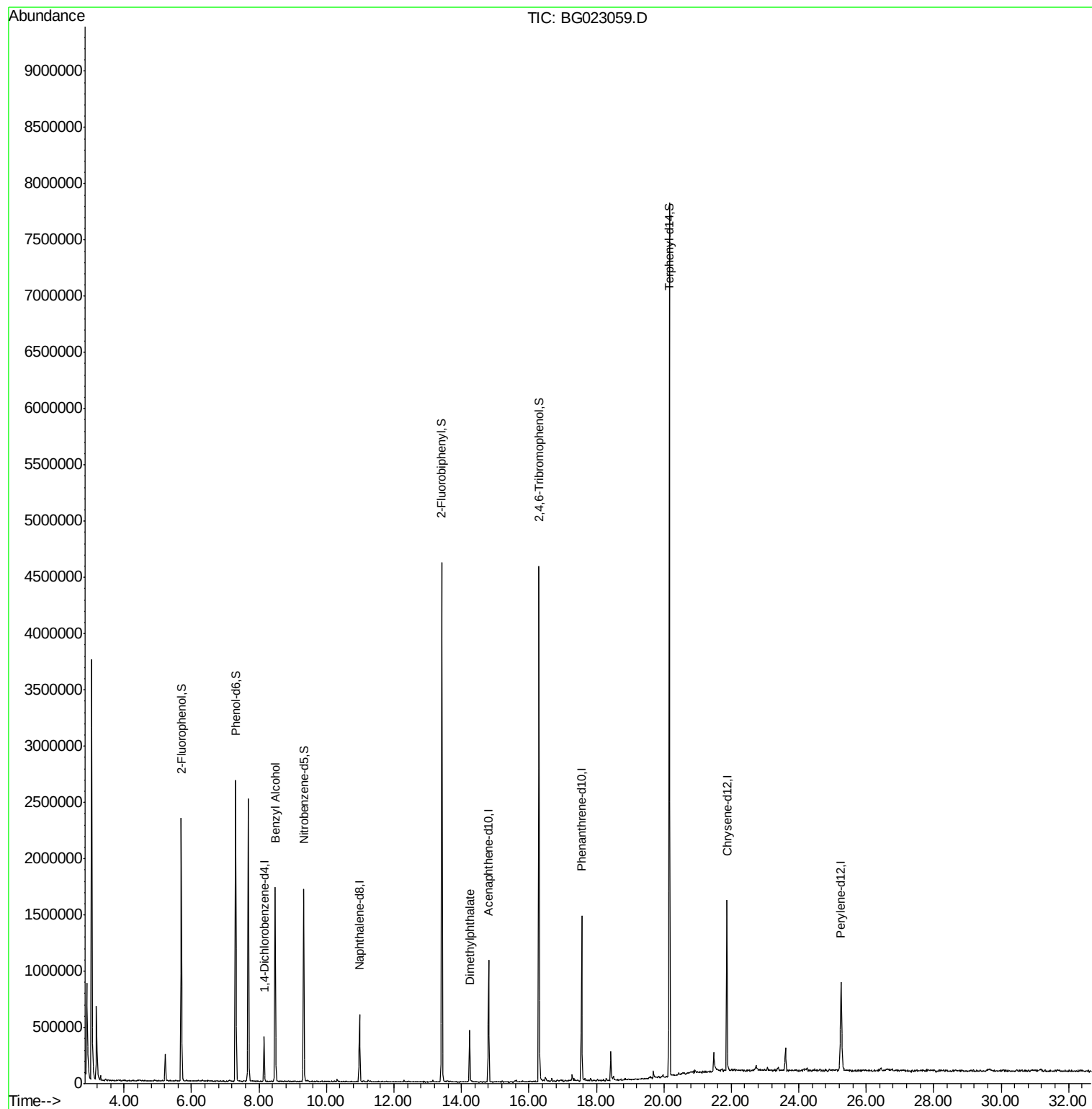
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	100091	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	475620	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	381549	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	875609	20.00	ng	0.00
75) Chrysene-d12	21.87	240	943027	20.00	ng	0.02
86) Perylene-d12	25.25	264	947625	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	917555	149.93	ng	0.00
7) Phenol-d6	7.31	99	1516780	158.24	ng	0.00
23) Nitrobenzene-d5	9.33	82	1110259	99.95	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	832087	121.34	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2237107	92.35	ng	0.00
78) Terphenyl-d14	20.17	244	2860530	105.45	ng	0.01
Target Compounds						
15) Benzyl Alcohol	8.47	79	20637	2.35	ng	Qvalue # 51
49) Dimethylphthalate	14.24	163	289228	9.28	ng	99

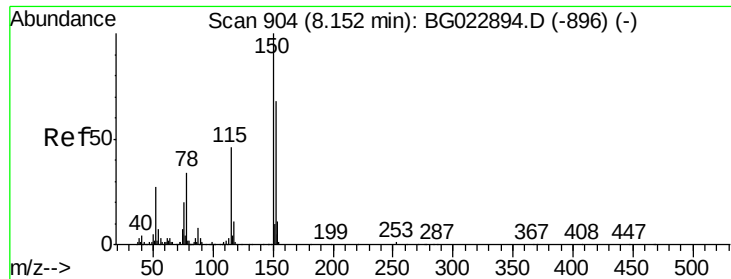
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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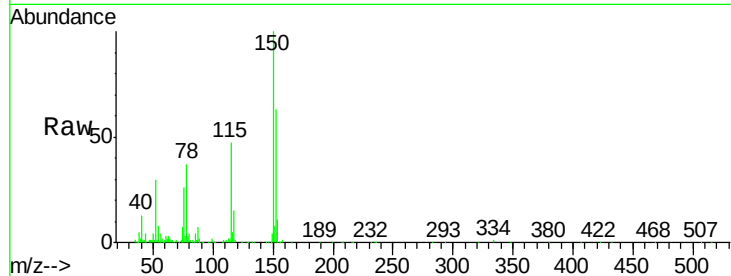


#1

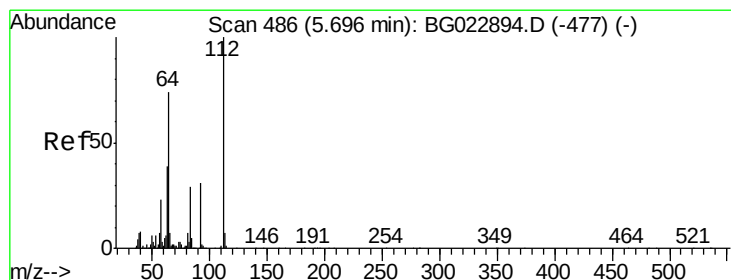
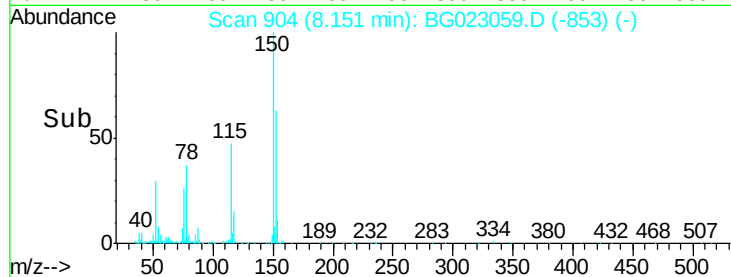
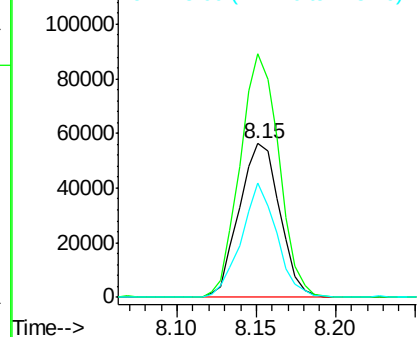
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG023059.D
Acq: 13 Jul 2016 6:48

Instrument :
BNA_G
ClientSampleId :
C4.2-4

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.7	144.7	217.1
115	74.2	64.0	96.0



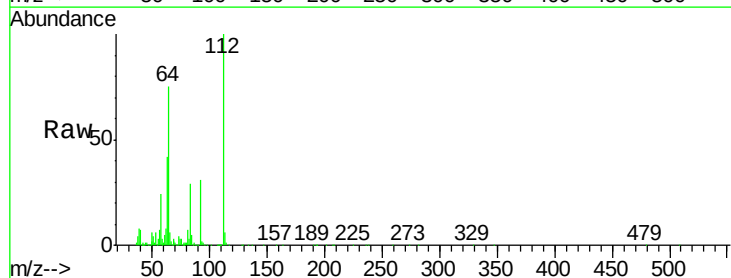
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



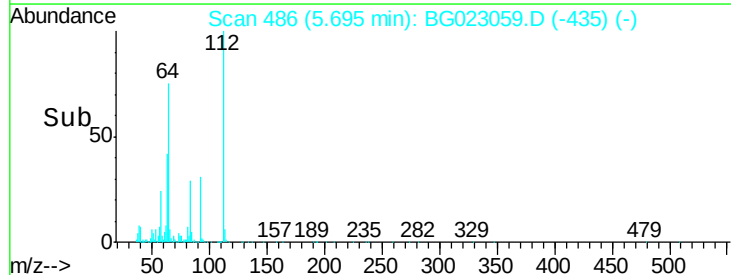
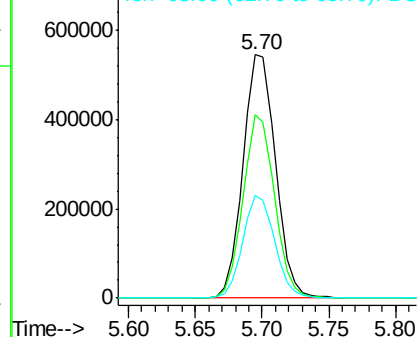
#5

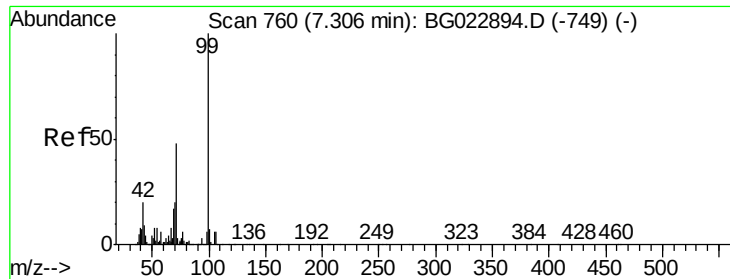
2-Fluorophenol
Concen: 149.93 ng
RT: 5.70 min Scan# 486
Delta R.T. 0.00 min
Lab File: BG023059.D
Acq: 13 Jul 2016 6:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.1	59.0	88.4
63	42.4	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: 158.24 ng

RT: 7.31 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023059.D

Acq: 13 Jul 2016 6:48

Instrument :

BNA_G

ClientSampleId :

C4.2-4

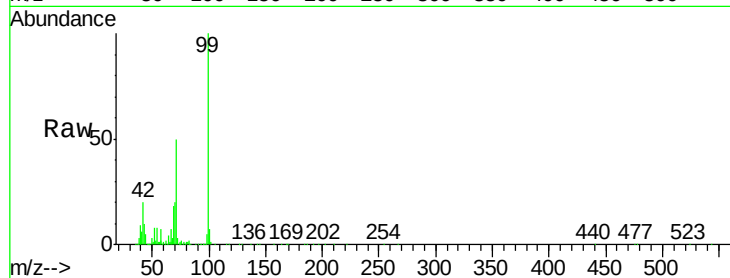
Tgt Ion: 99 Resp: 1516780

Ion Ratio Lower Upper

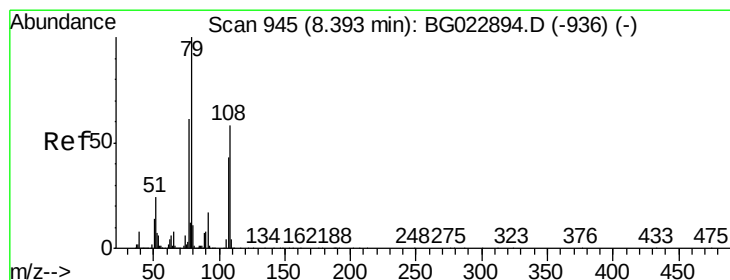
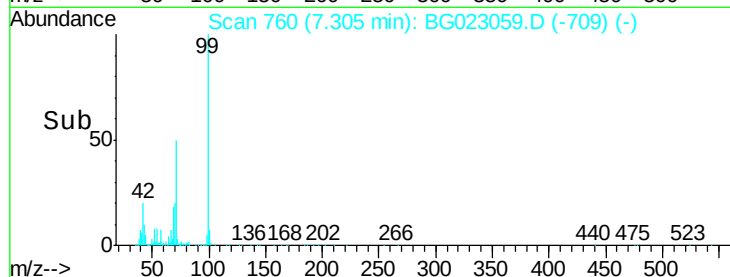
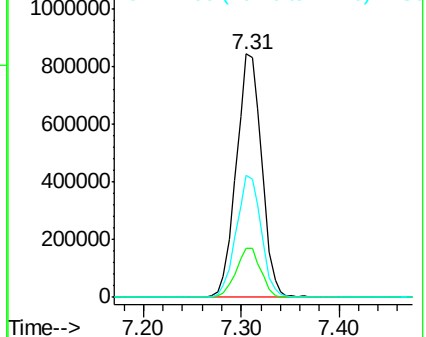
99 100

42 20.3 17.8 26.6

71 50.1 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: 2.35 ng

RT: 8.47 min Scan# 959

Delta R.T. 0.08 min

Lab File: BG023059.D

Acq: 13 Jul 2016 6:48

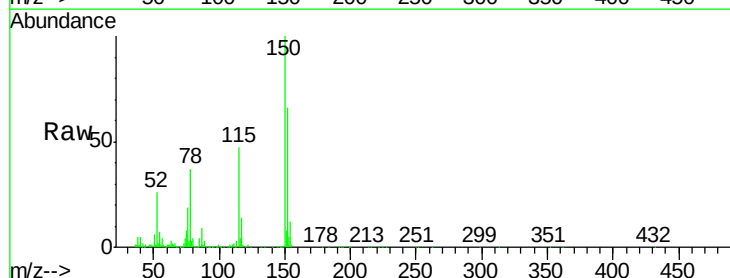
Tgt Ion: 79 Resp: 20637

Ion Ratio Lower Upper

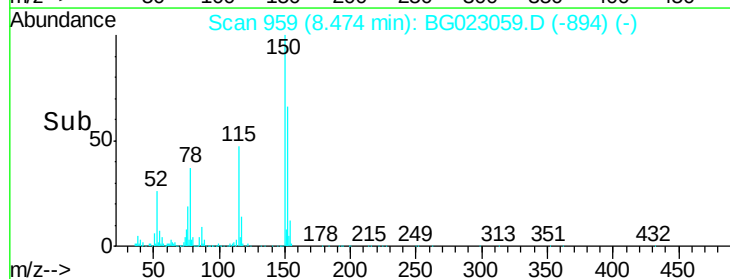
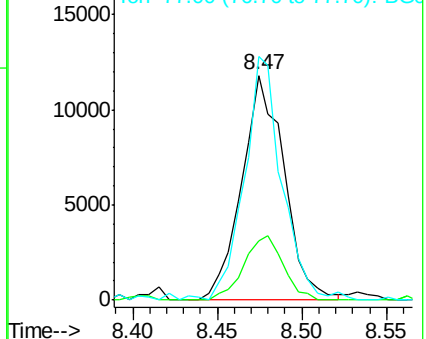
79 100

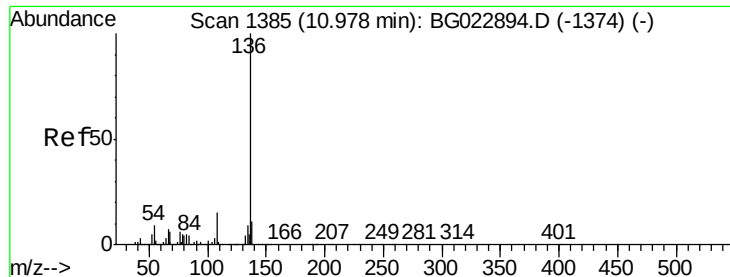
108 26.3 46.5 69.7#

77 108.3 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

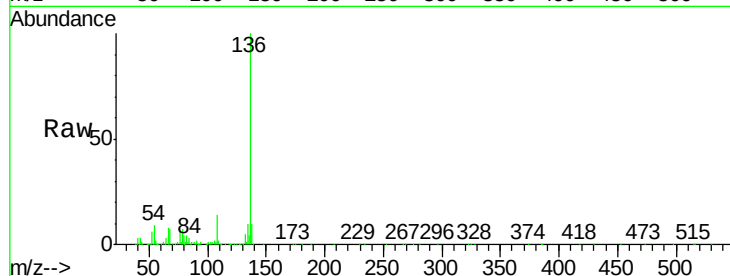




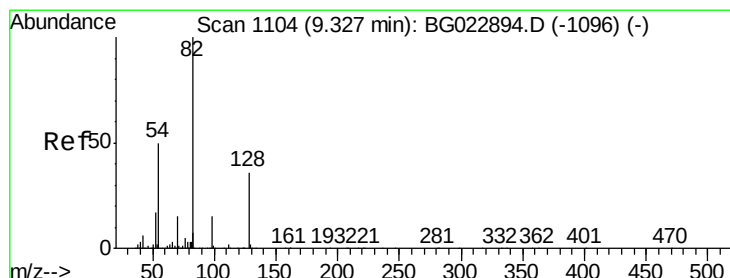
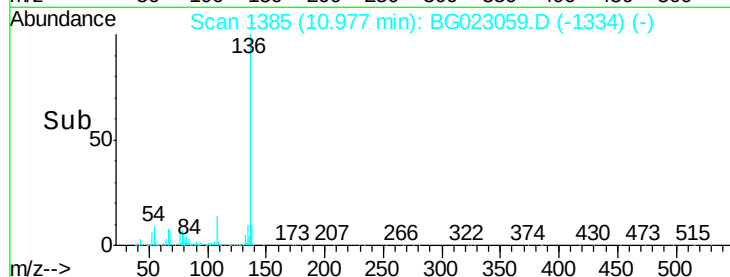
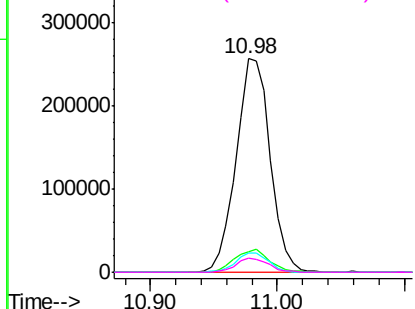
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023059.D
Acq: 13 Jul 2016 6:48

Instrument :
BNA_G
ClientSampleId :
C4.2-4

Tgt Ion:	136	Resp:	475620
Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.6	14.4
54	9.3	7.3	10.9
68	6.8	5.3	7.9

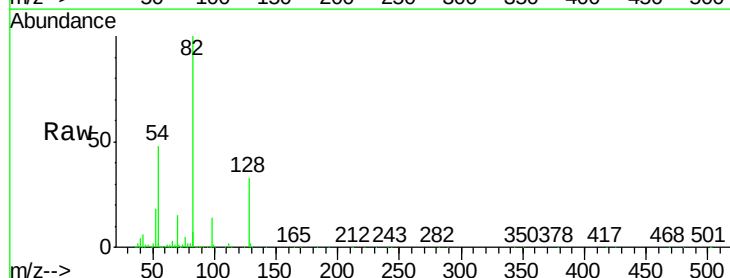


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

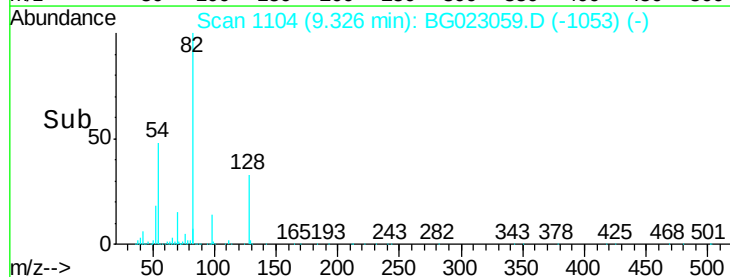
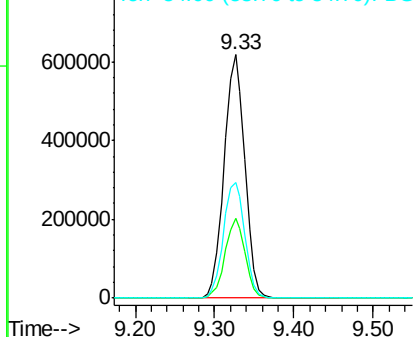


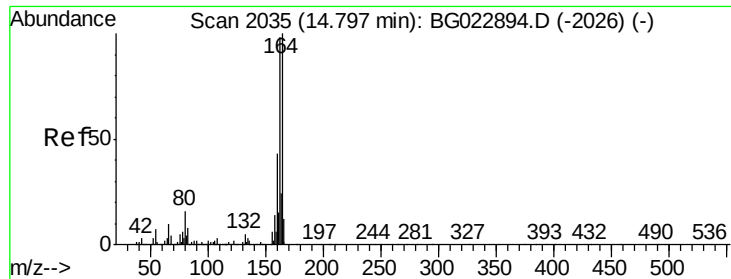
#23
Nitrobenzene-d5
Concen: 99.95 ng
RT: 9.33 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG023059.D
Acq: 13 Jul 2016 6:48

Tgt Ion:	82	Resp:	1110259
Ion	Ratio	Lower	Upper
82	100		
128	32.6	24.4	36.6
54	47.5	41.4	62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BG023059.D

Acq: 13 Jul 2016 6:48

Instrument :

BNA_G

ClientSampleId :

C4.2-4

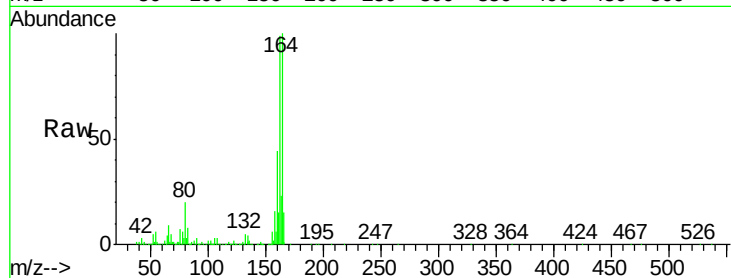
Tgt Ion:164 Resp: 381549

Ion Ratio Lower Upper

164 100

162 99.5 87.7 131.5

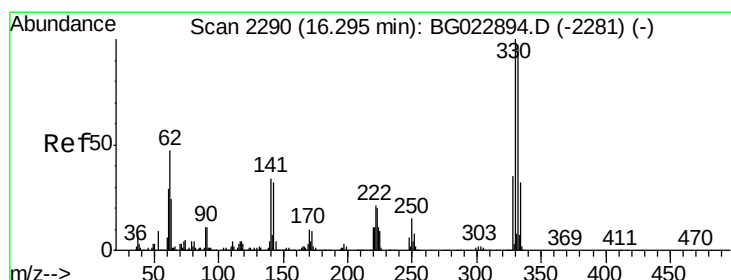
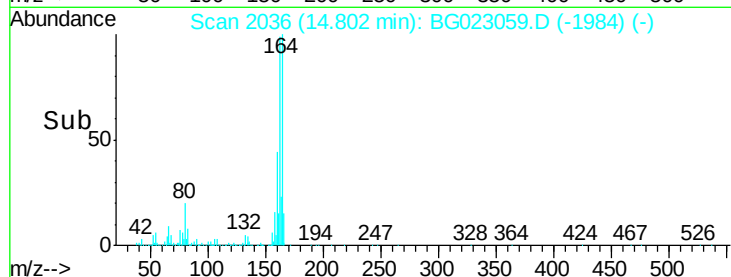
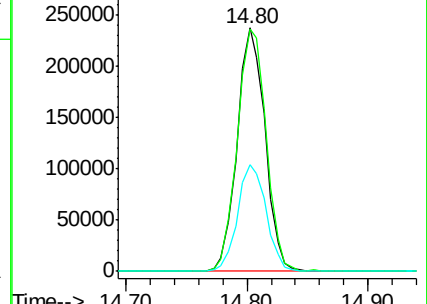
160 43.8 37.2 55.8



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: 121.34 ng

RT: 16.30 min Scan# 2291

Delta R.T. 0.01 min

Lab File: BG023059.D

Acq: 13 Jul 2016 6:48

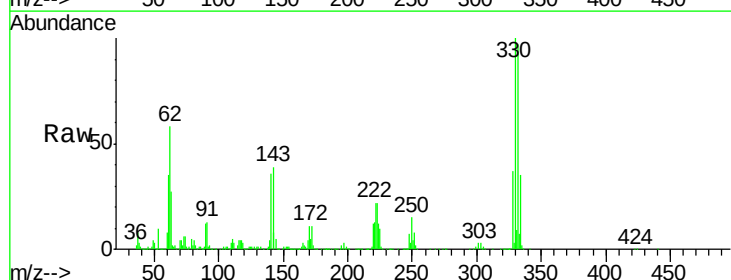
Tgt Ion:330 Resp: 832087

Ion Ratio Lower Upper

330 100

332 95.5 77.4 116.2

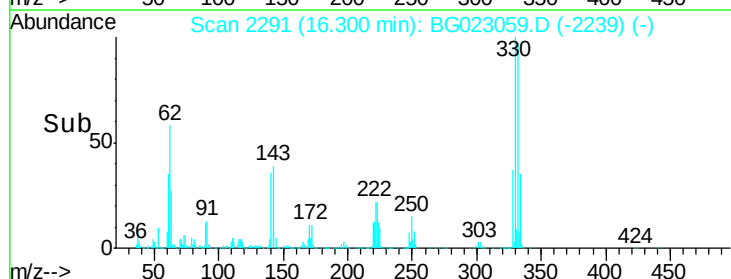
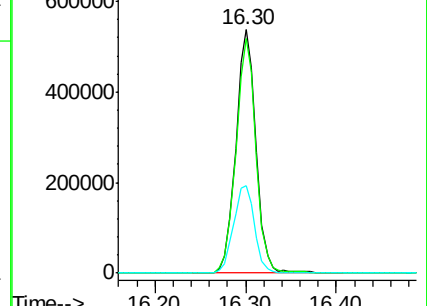
141 37.8 31.7 47.5

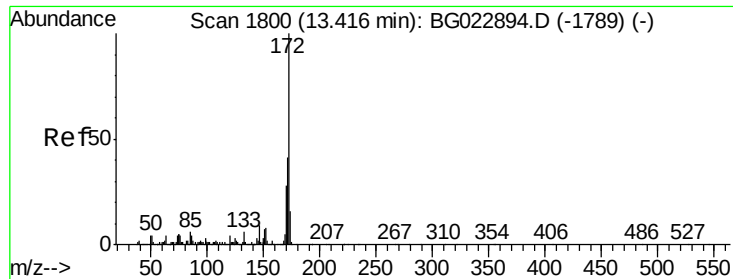


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

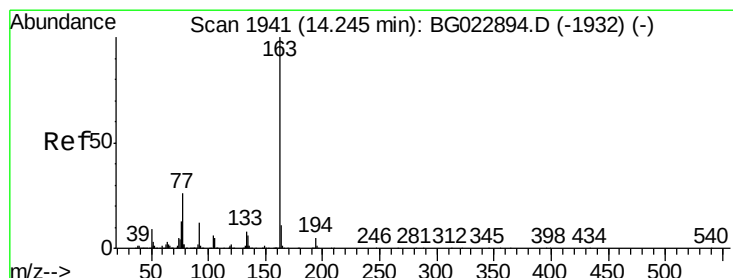
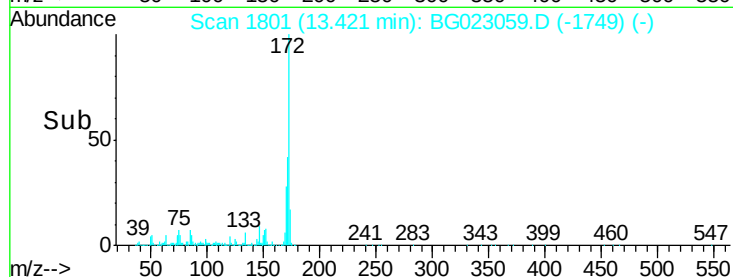
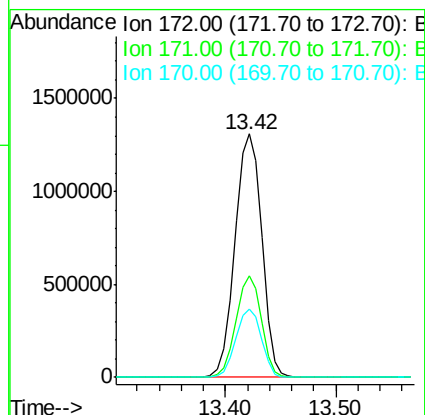
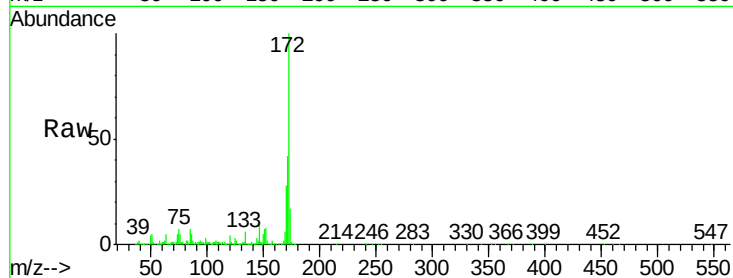




#44
2-Fluorobiphenyl
Concen: 92.35 ng
RT: 13.42 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BG023059.D
Acq: 13 Jul 2016 6:48

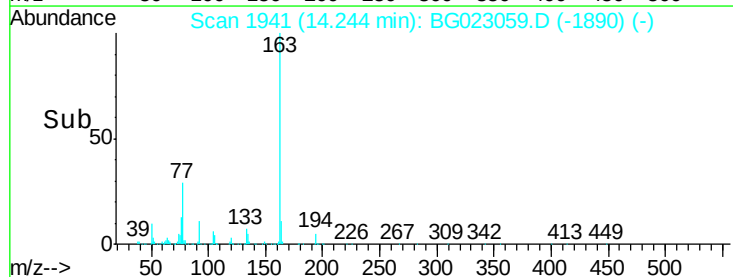
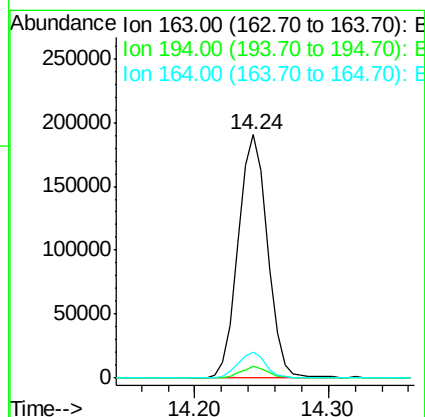
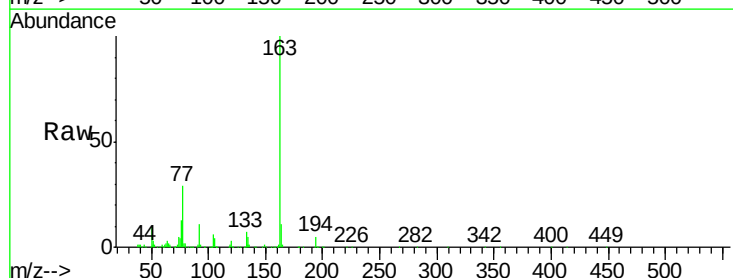
Instrument :
BNA_G
ClientSampleId :
C4.2-4

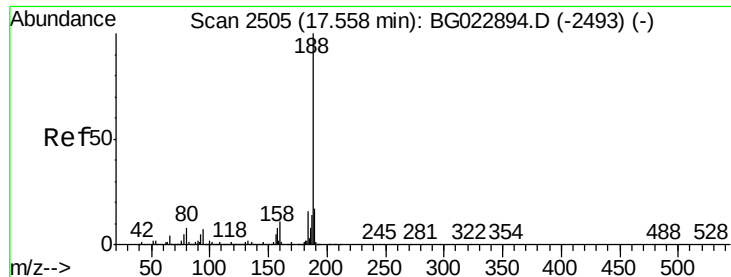
Tgt Ion:172 Resp: 2237107
Ion Ratio Lower Upper
172 100
171 41.8 31.6 47.4
170 27.9 21.3 31.9



#49
Dimethylphthalate
Concen: 9.28 ng
RT: 14.24 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG023059.D
Acq: 13 Jul 2016 6:48

Tgt Ion:163 Resp: 289228
Ion Ratio Lower Upper
163 100
194 4.7 3.6 5.4
164 10.6 8.1 12.1

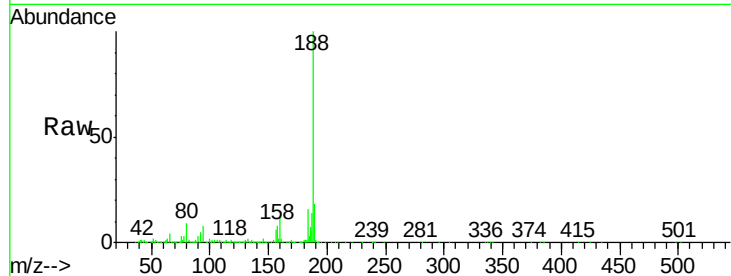




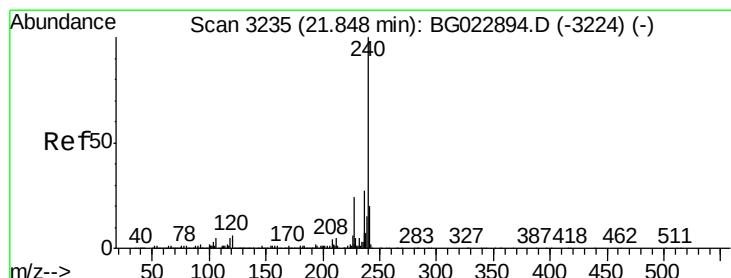
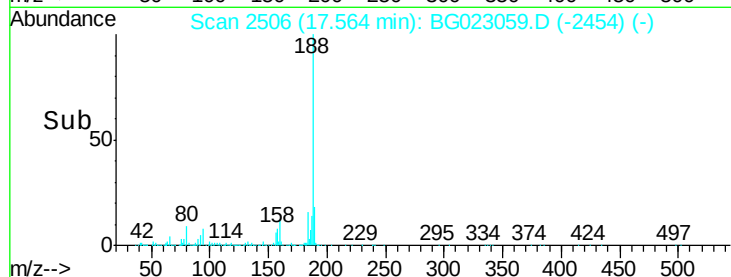
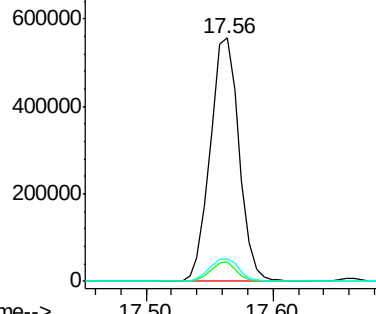
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. 0.01 min
Lab File: BG023059.D
Acq: 13 Jul 2016 6:48

Instrument :
BNA_G
ClientSampleId :
C4.2-4

Tgt Ion:188 Resp: 875609
Ion Ratio Lower Upper
188 100
94 7.9 5.2 7.8#
80 9.0 7.2 10.8

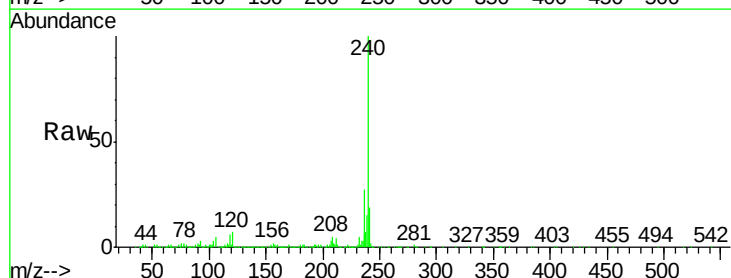


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

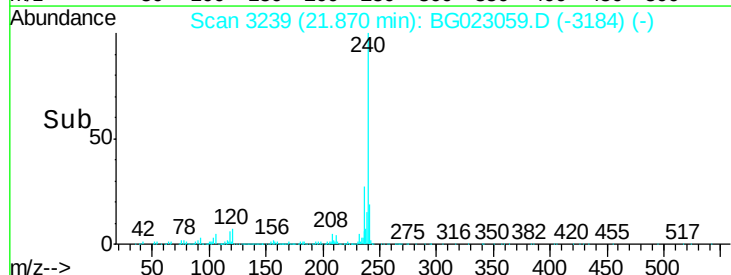
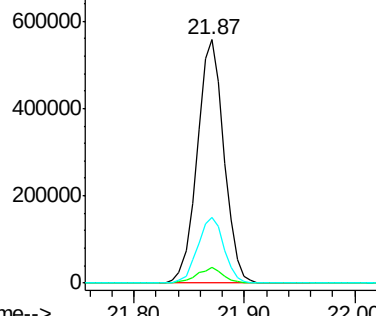


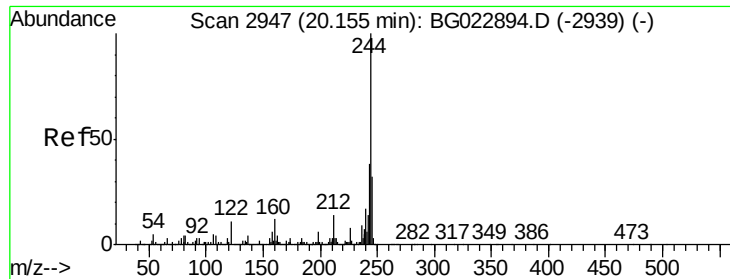
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3239
Delta R.T. 0.02 min
Lab File: BG023059.D
Acq: 13 Jul 2016 6:48

Tgt Ion:240 Resp: 943027
Ion Ratio Lower Upper
240 100
120 6.7 4.1 6.1#
236 26.8 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: 105.45 ng

RT: 20.17 min Scan# 2949

Delta R.T. 0.01 min

Lab File: BG023059.D

Acq: 13 Jul 2016 6:48

Instrument :

BNA_G

ClientSampleId :

C4.2-4

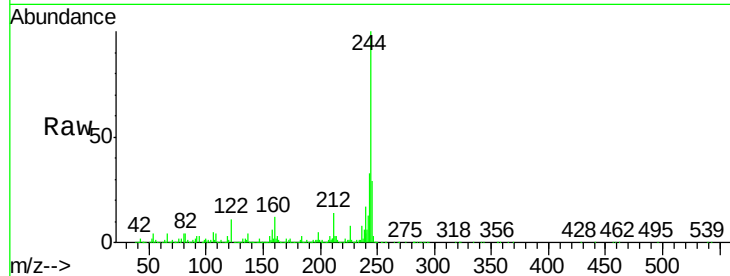
Tgt Ion:244 Resp: 2860530

Ion Ratio Lower Upper

244 100

212 13.7 10.8 16.2

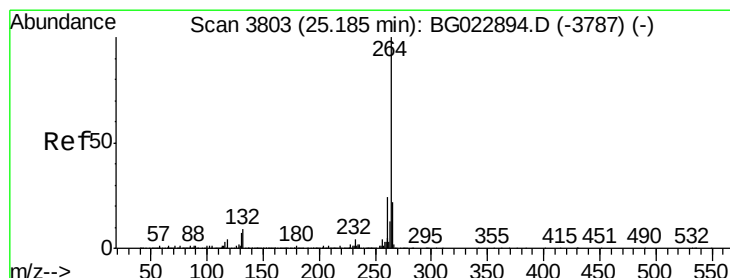
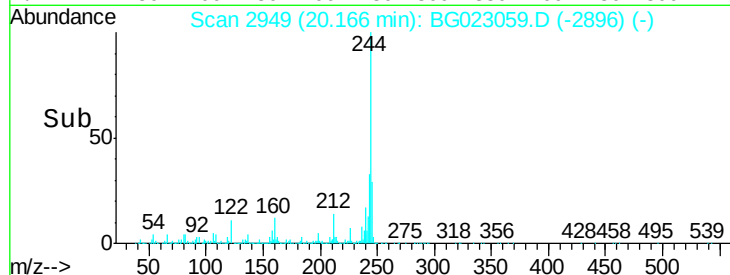
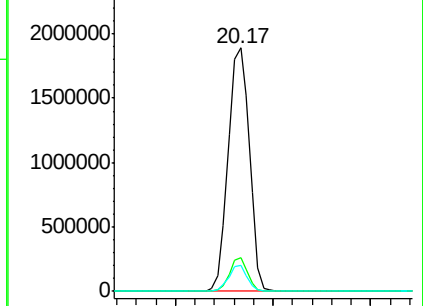
122 10.6 8.0 12.0



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: 25.25 min Scan# 3815

Delta R.T. 0.07 min

Lab File: BG023059.D

Acq: 13 Jul 2016 6:48

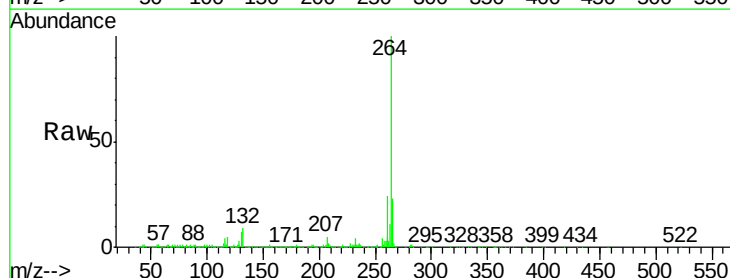
Tgt Ion:264 Resp: 947625

Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

265 23.1 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

