

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021717\
 Data File : BG025861.D
 Acq On : 17 Feb 2017 16:16
 Operator : SJ/MA
 Sample : I1880-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MANHOLE

Quant Time: Feb 17 22:26:43 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 15:48:21 2017
 Response via : Initial Calibration

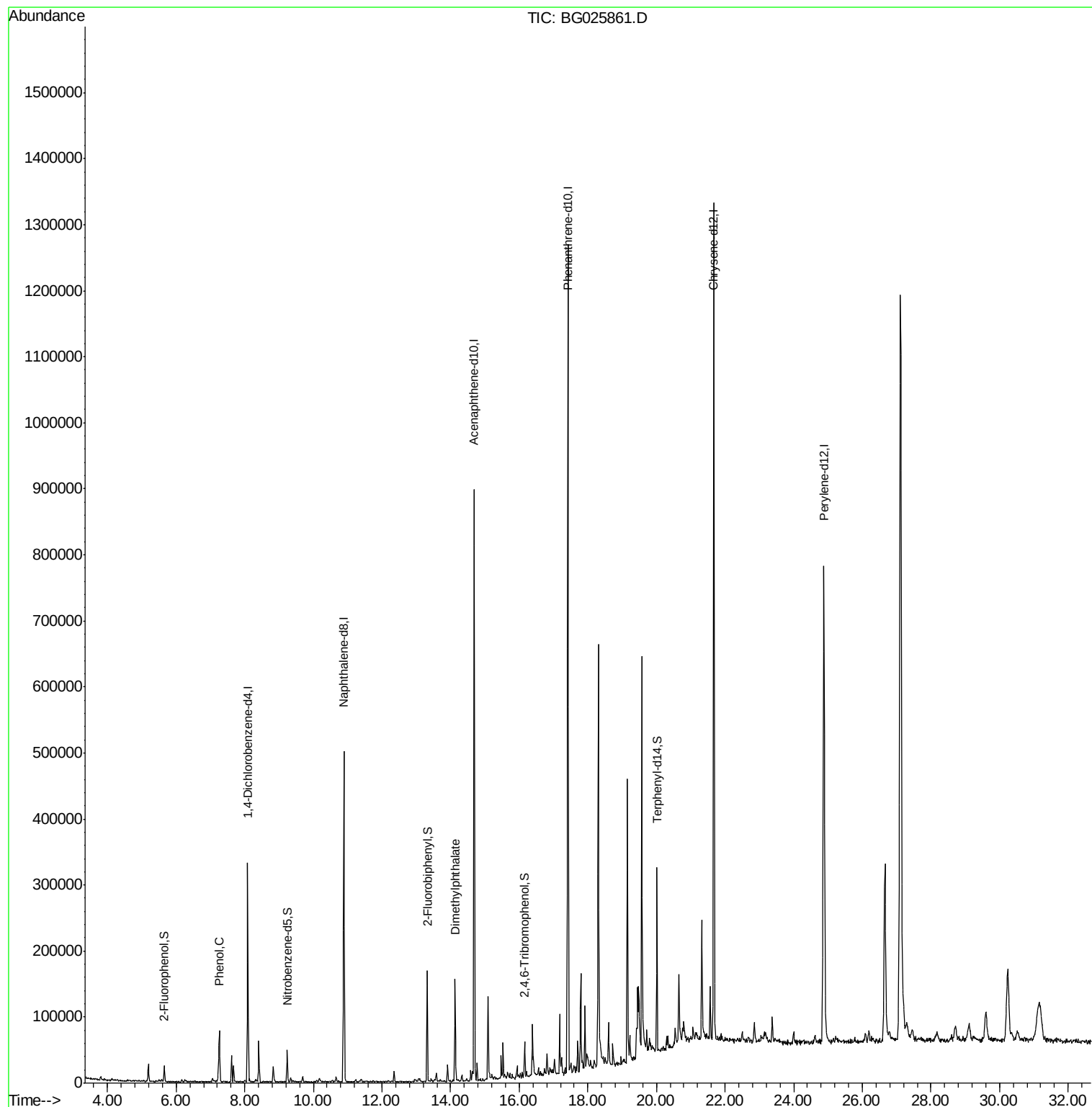
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	91938	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	446145	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	325242	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	738088	20.00	ng	0.00
75) Chrysene-d12	21.67	240	768652	20.00	ng	0.00
86) Perylene-d12	24.88	264	739014	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	11554	2.19	ng	0.00
7) Phenol-d6	7.23	99	12642	1.62	ng	0.00
23) Nitrobenzene-d5	9.24	82	28285	4.00	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	8823	2.94	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	87099	4.68	ng	0.00
78) Terphenyl-d14	20.02	244	114963	3.64	ng	0.00
Target Compounds						
10) Phenol	7.26	94	45728	5.39	ng	Qvalue # 75
49) Dimethylphthalate	14.13	163	105708	4.74	ng	96

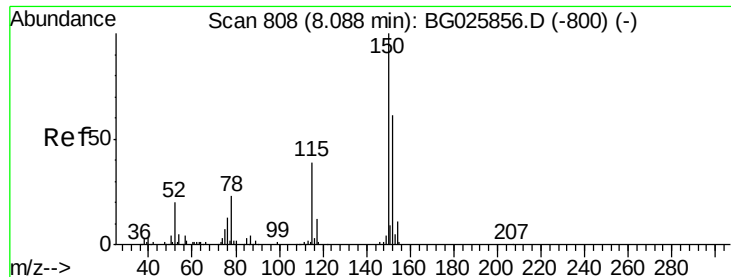
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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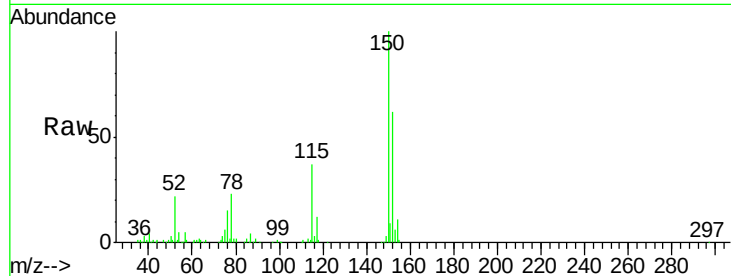


#1

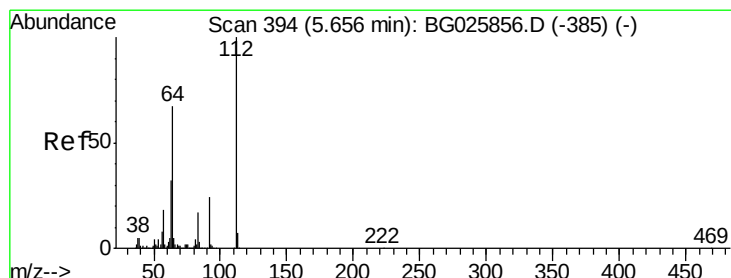
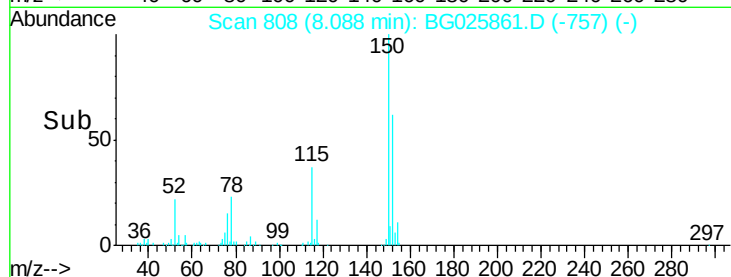
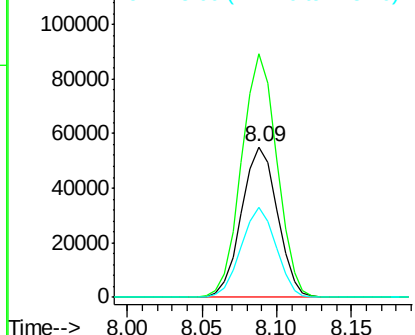
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 808
Delta R.T. 0.00 min
Lab File: BG025861.D
Acq: 17 Feb 2017 16:16

Instrument :
BNA_G
ClientSampleId :
MANHOLE

Tgt Ion:152 Resp: 91938
Ion Ratio Lower Upper
152 100
150 161.6 114.0 171.0
115 59.9 48.1 72.1



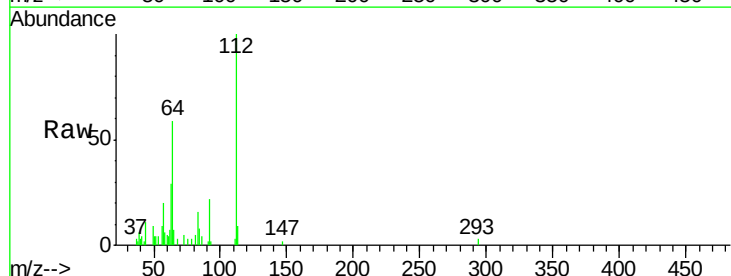
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



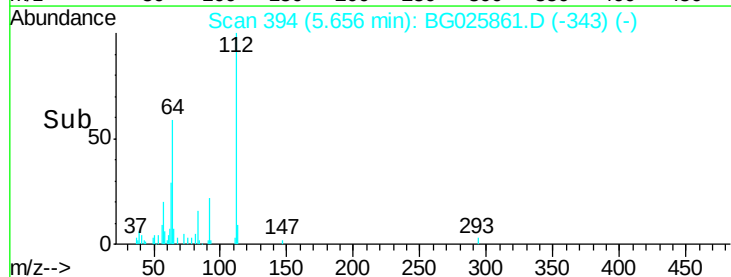
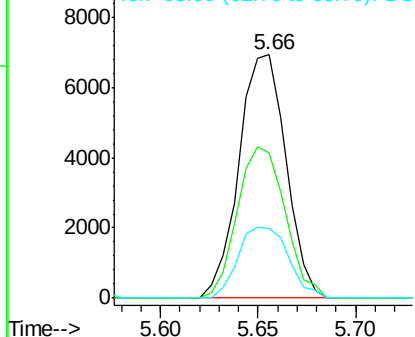
#5

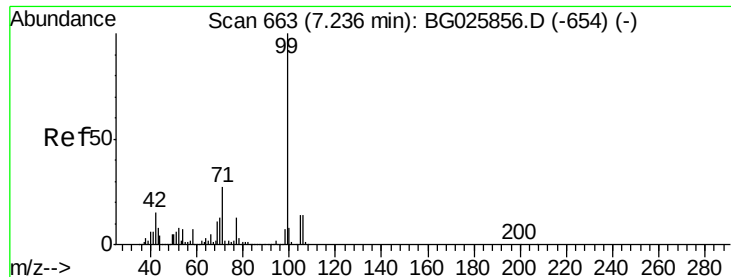
2-Fluorophenol
Concen: 2.19 ng
RT: 5.66 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG025861.D
Acq: 17 Feb 2017 16:16

Tgt Ion:112 Resp: 11554
Ion Ratio Lower Upper
112 100
64 59.5 61.8 92.6#
63 28.6 37.2 55.8#



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: 1.62 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG025861.D

Acq: 17 Feb 2017 16:16

Instrument :

BNA_G

ClientSampleId :

MANHOLE

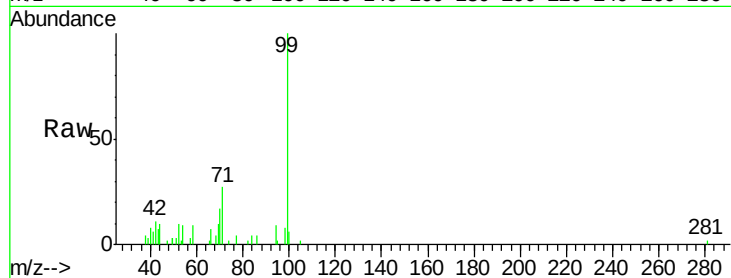
Tgt Ion: 99 Resp: 12642

Ion Ratio Lower Upper

99 100

42 10.9 20.5 30.7#

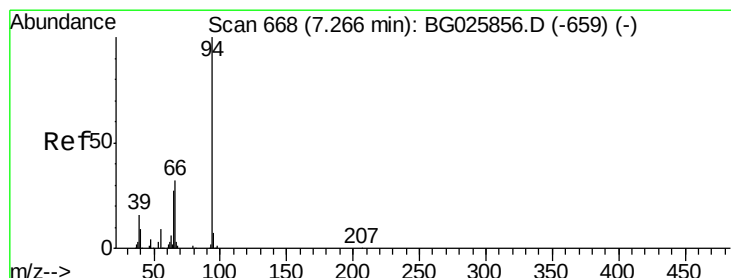
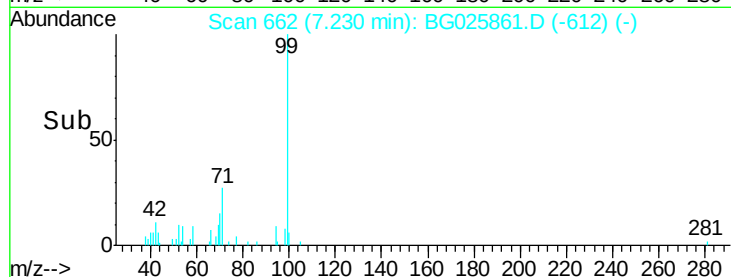
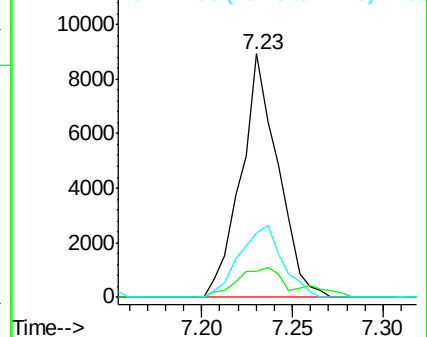
71 26.7 37.6 56.4#



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



#10

Phenol

Concen: 5.39 ng

RT: 7.26 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG025861.D

Acq: 17 Feb 2017 16:16

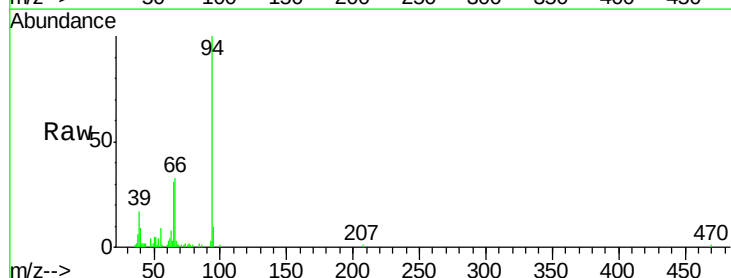
Tgt Ion: 94 Resp: 45728

Ion Ratio Lower Upper

94 100

65 30.7 20.6 60.6

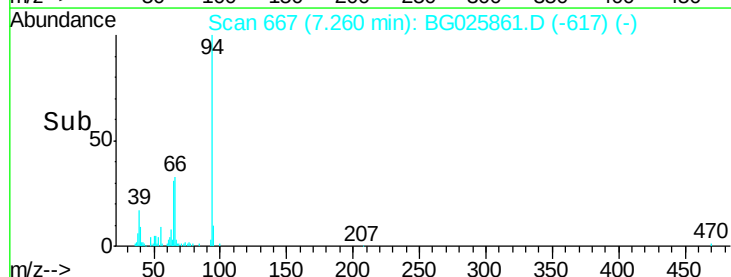
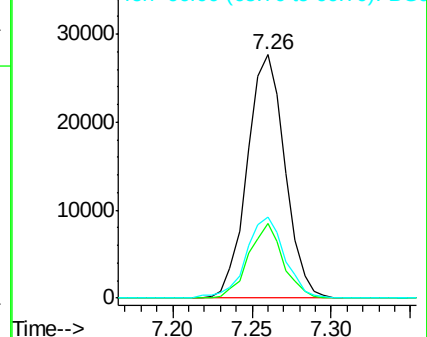
66 33.1 35.5 75.5#

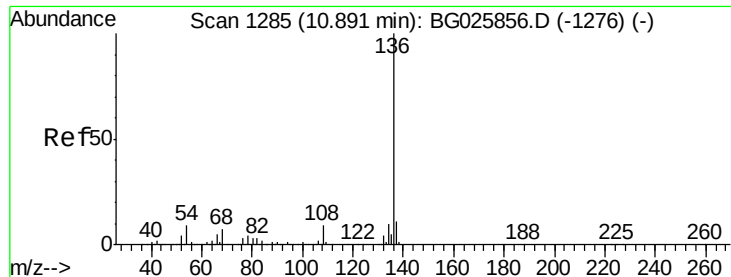


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

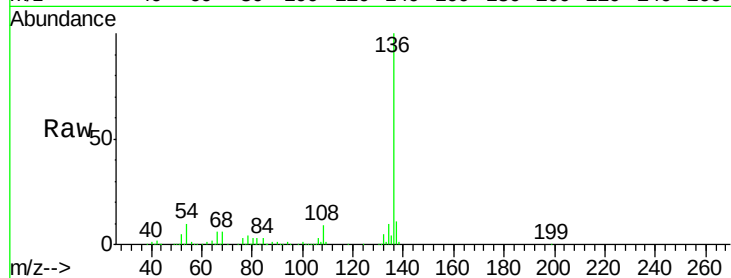




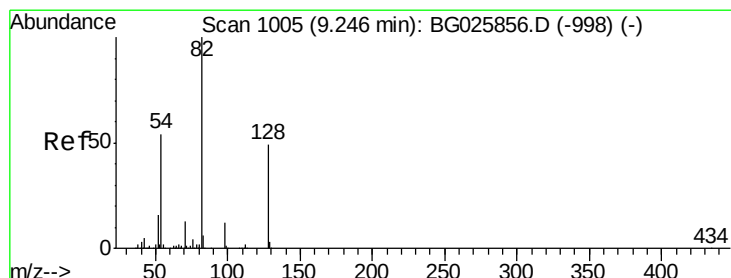
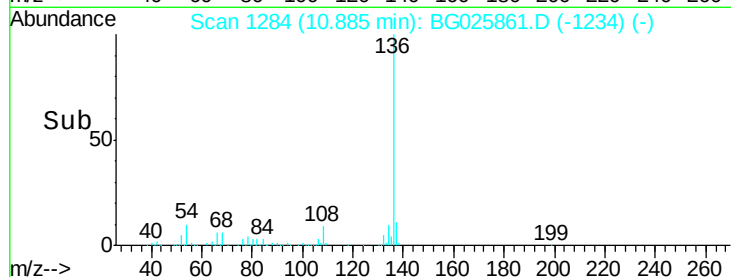
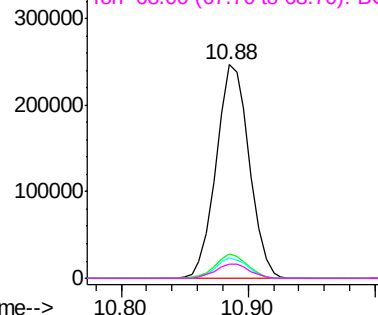
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG025861.D
Acq: 17 Feb 2017 16:16

Instrument :
BNA_G
ClientSampleId :
MANHOLE

Tgt Ion:	136	Resp:	446145
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.5	9.3	13.9
68	6.5	5.1	7.7

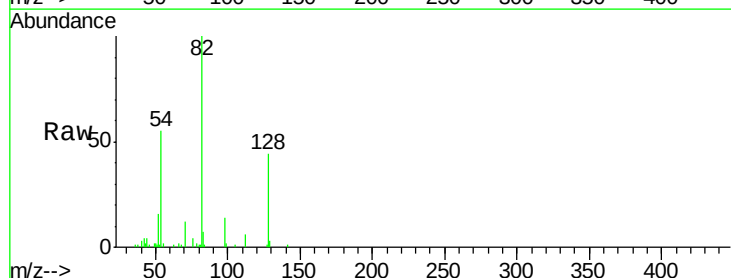


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

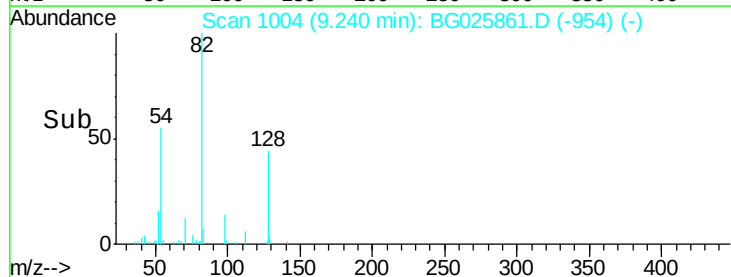
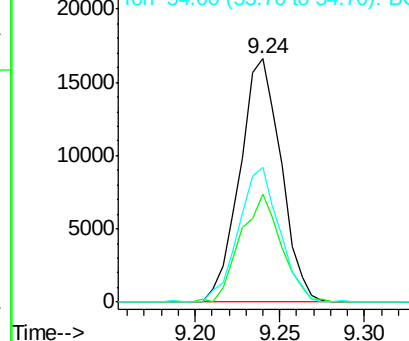


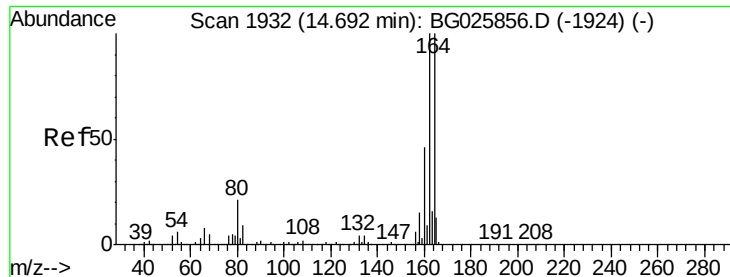
#23
Nitrobenzene-d5
Concen: 4.00 ng
RT: 9.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG025861.D
Acq: 17 Feb 2017 16:16

Tgt Ion:	82	Resp:	28285
Ion	Ratio	Lower	Upper
82	100		
128	44.5	26.4	39.6#
54	55.4	49.4	74.2



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: 14.69 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG025861.D

Acq: 17 Feb 2017 16:16

Instrument :

BNA_G

ClientSampleId :

MANHOLE

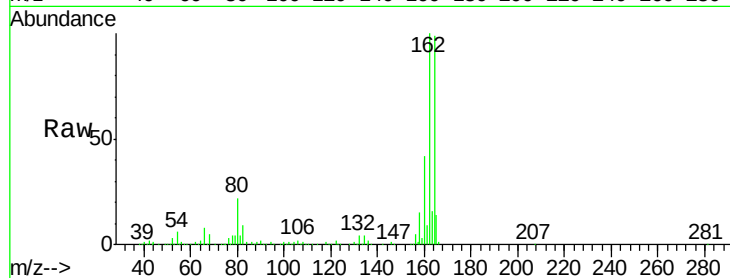
Tgt Ion:164 Resp: 325242

Ion Ratio Lower Upper

164 100

162 101.1 85.1 127.7

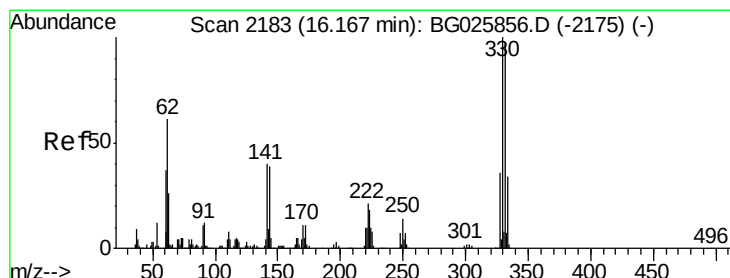
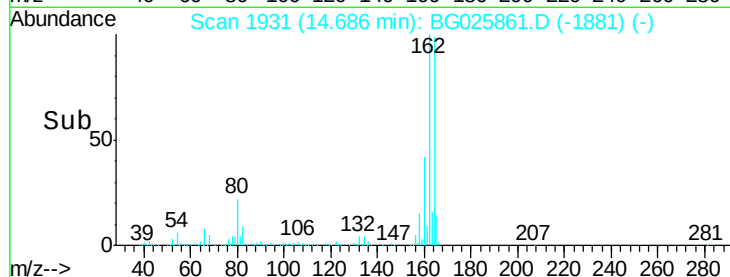
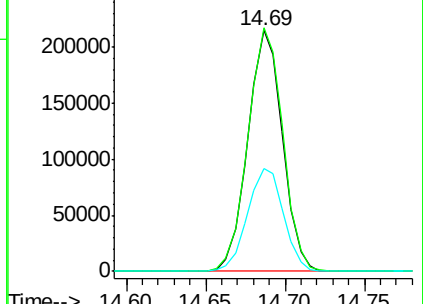
160 43.0 34.7 52.1



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: 2.94 ng

RT: 16.16 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG025861.D

Acq: 17 Feb 2017 16:16

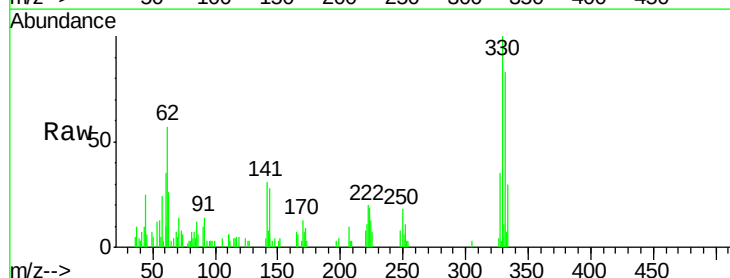
Tgt Ion:330 Resp: 8823

Ion Ratio Lower Upper

330 100

332 89.4 77.3 115.9

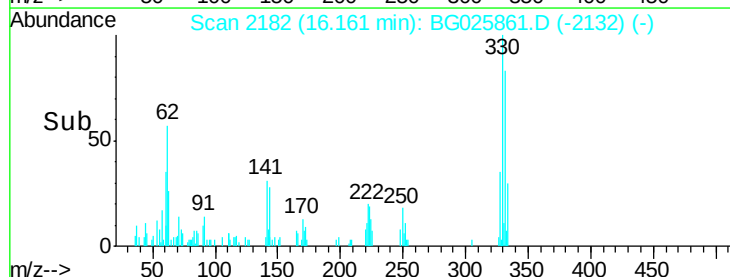
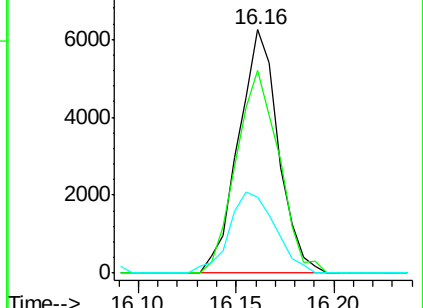
141 38.6 32.1 48.1

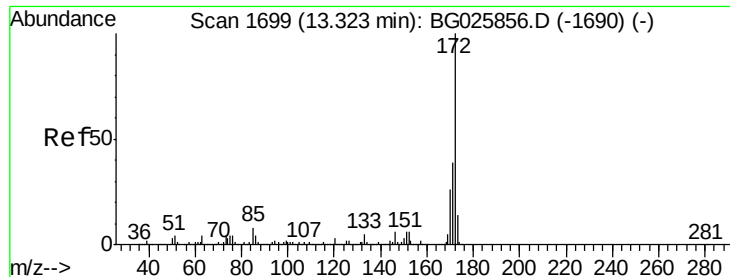


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

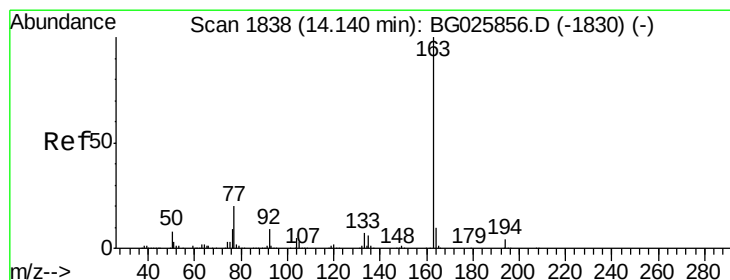
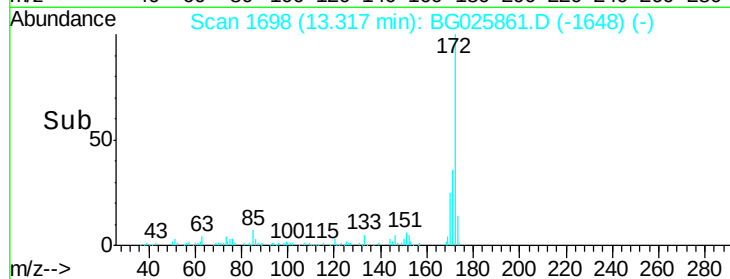
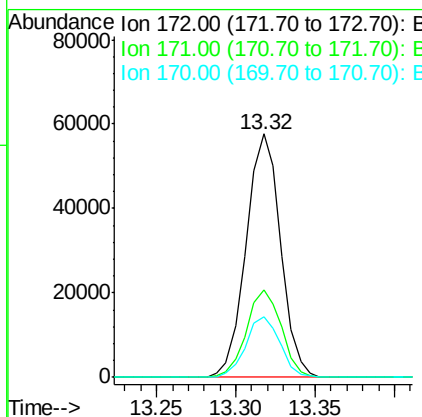
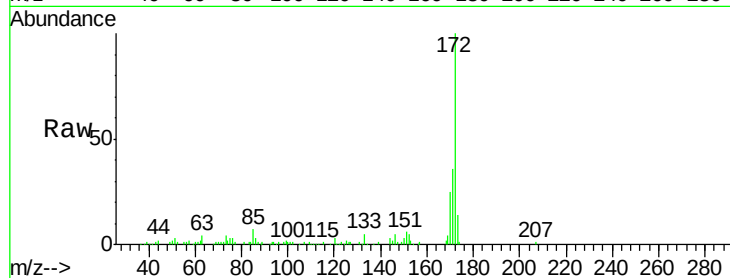




#44
2-Fluorobiphenyl
Concen: 4.68 ng
RT: 13.32 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BG025861.D
Acq: 17 Feb 2017 16:16

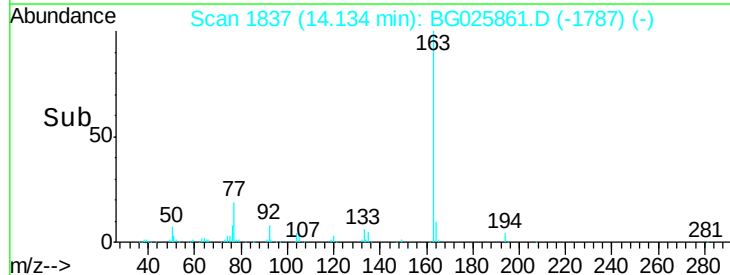
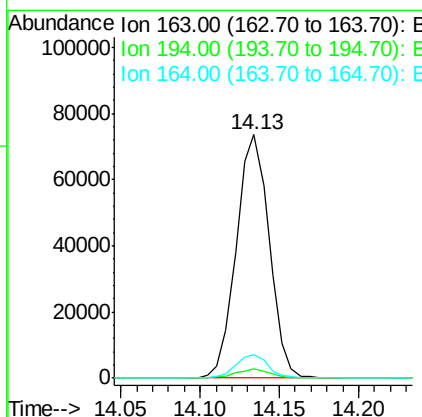
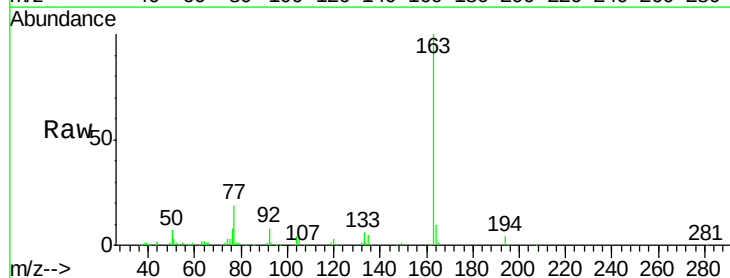
Instrument :
BNA_G
ClientSampleId :
MANHOLE

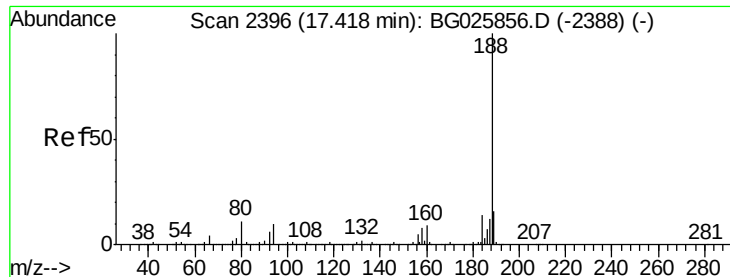
Tgt Ion:172 Resp: 87099
Ion Ratio Lower Upper
172 100
171 36.1 32.2 48.2
170 25.0 21.8 32.6



#49
Dimethylphthalate
Concen: 4.74 ng
RT: 14.13 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BG025861.D
Acq: 17 Feb 2017 16:16

Tgt Ion:163 Resp: 105708
Ion Ratio Lower Upper
163 100
194 3.8 3.8 5.6
164 9.8 9.3 13.9

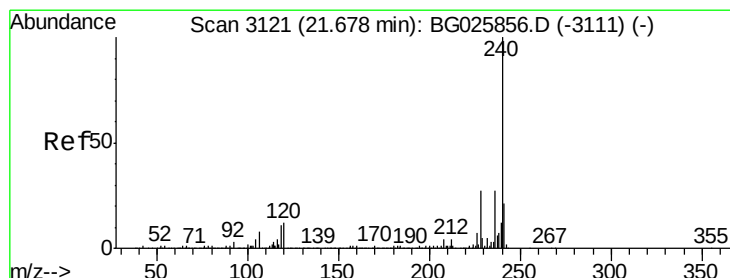
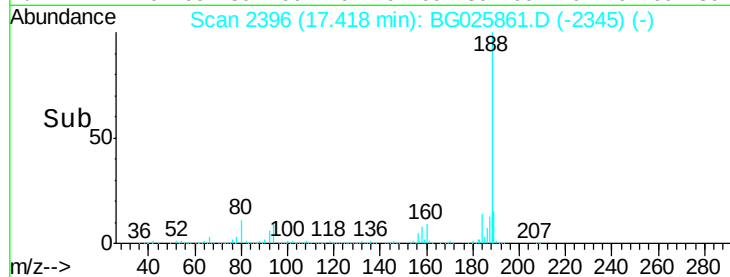
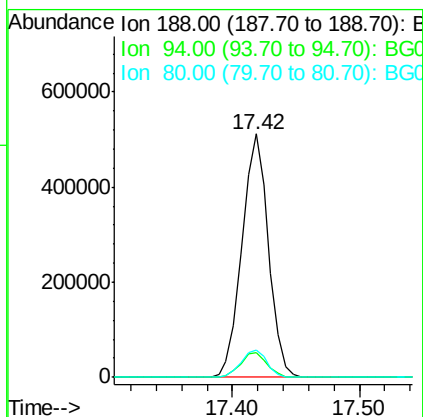
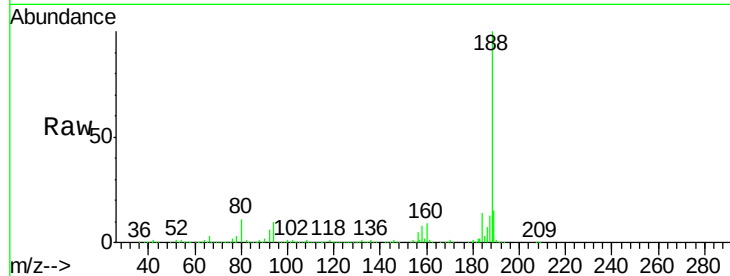




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.42 min Scan# 2396
 Delta R.T. 0.00 min
 Lab File: BG025861.D
 Acq: 17 Feb 2017 16:16

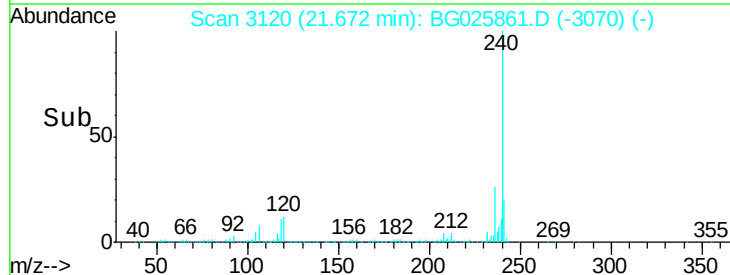
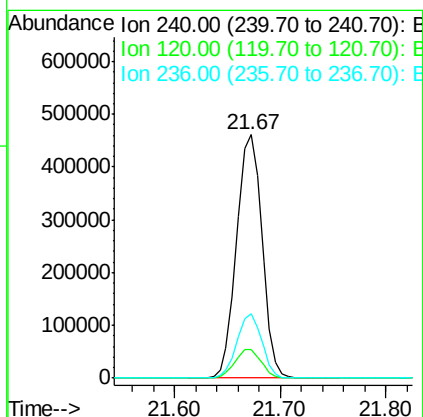
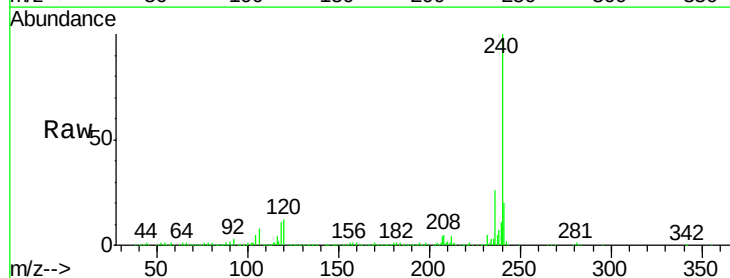
Instrument :
 BNA_G
 ClientSampleId :
 MANHOLE

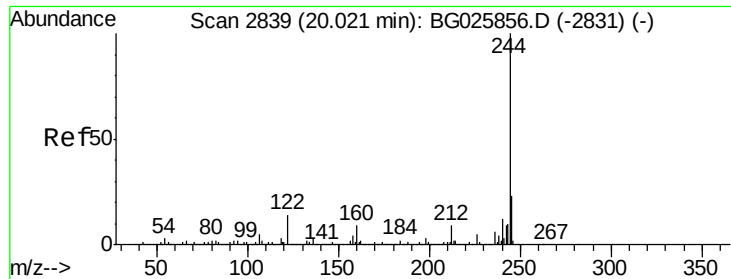
Tgt Ion:188 Resp: 738088
 Ion Ratio Lower Upper
 188 100
 94 9.9 5.8 8.8#
 80 11.1 7.5 11.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.67 min Scan# 3120
 Delta R.T. -0.01 min
 Lab File: BG025861.D
 Acq: 17 Feb 2017 16:16

Tgt Ion:240 Resp: 768652
 Ion Ratio Lower Upper
 240 100
 120 11.8 5.7 8.5#
 236 26.3 22.2 33.4





#78

Terphenyl-d14

Concen: 3.64 ng

RT: 20.02 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG025861.D

Acq: 17 Feb 2017 16:16

Instrument :

BNA_G

ClientSampleId :

MANHOLE

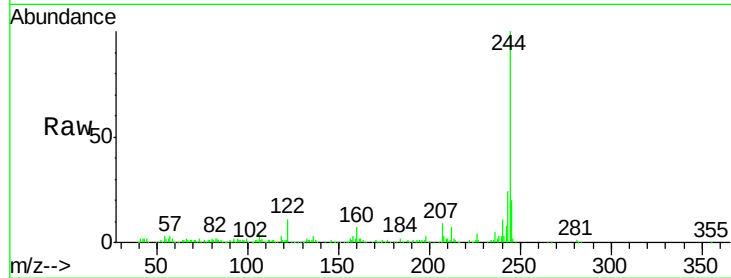
Tgt Ion:244 Resp: 114963

Ion Ratio Lower Upper

244 100

212 6.6 10.0 15.0#

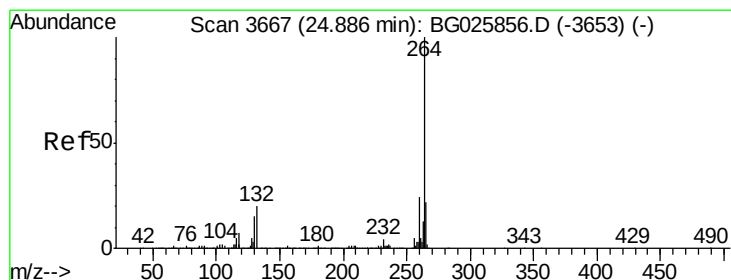
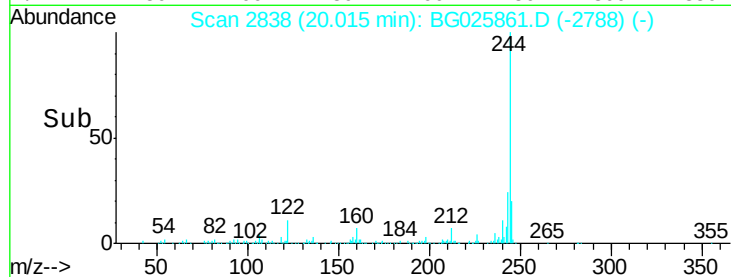
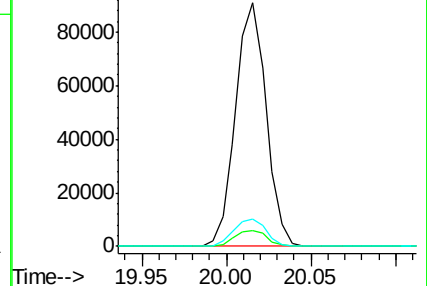
122 11.0 8.6 12.8



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: 24.88 min Scan# 3666

Delta R.T. -0.01 min

Lab File: BG025861.D

Acq: 17 Feb 2017 16:16

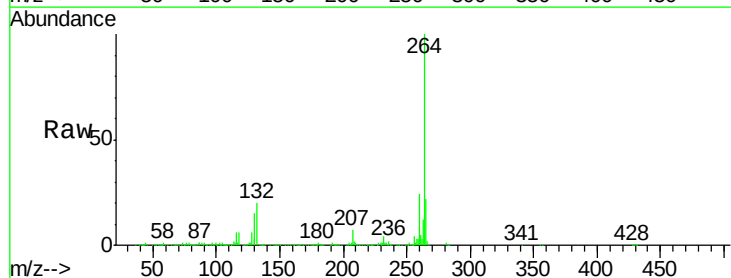
Tgt Ion:264 Resp: 739014

Ion Ratio Lower Upper

264 100

260 24.2 21.8 32.8

265 21.7 18.2 27.4



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

