

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
 Data File : BG018025.D
 Acq On : 21 Jul 2015 16:33
 Operator : TP/UM
 Sample : G2957-03RE 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TOPSOIL-2RE

Quant Time: Jul 22 03:05:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 01:57:03 2015
 Response via : Initial Calibration

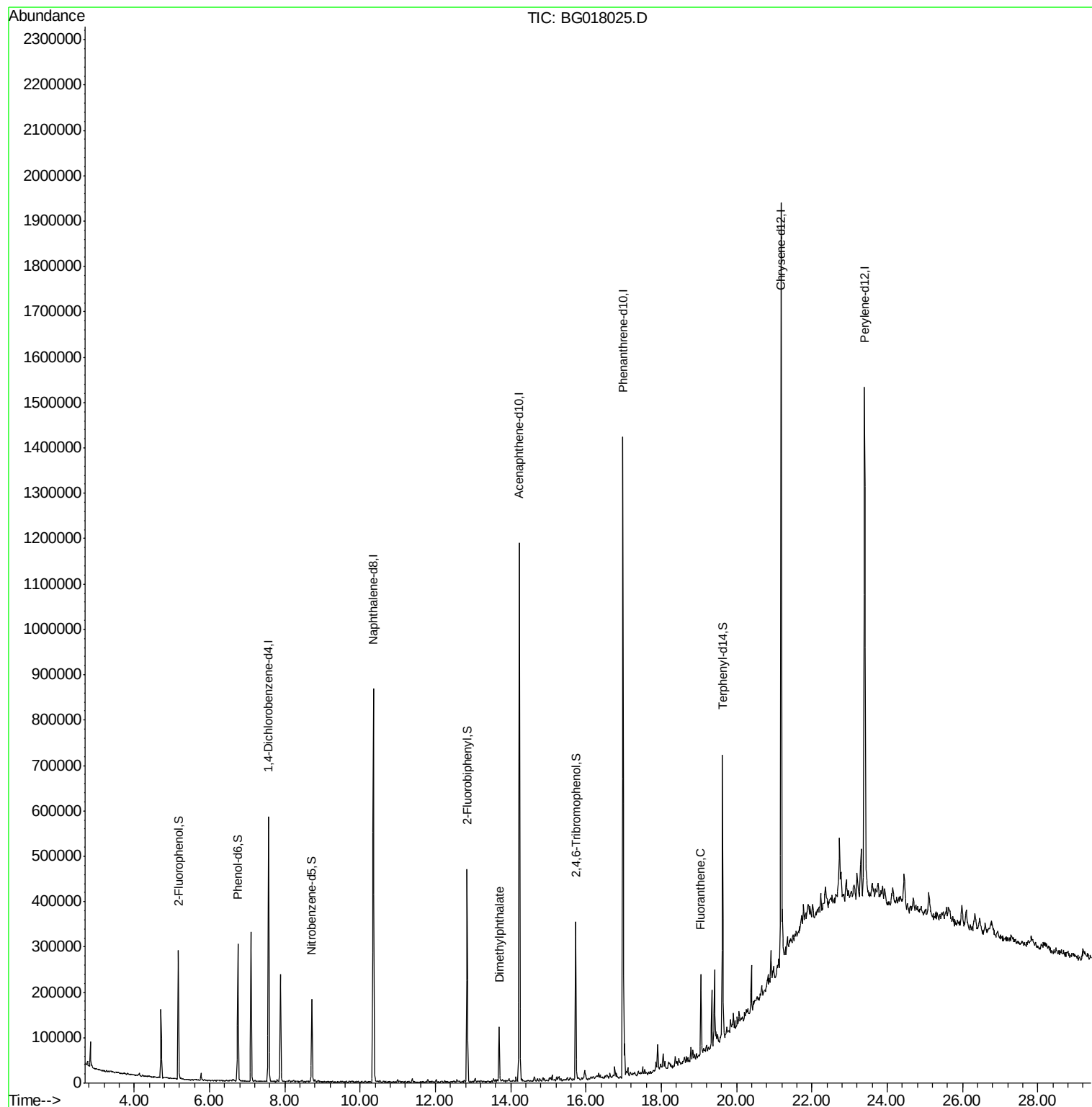
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	164919	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	725467	20.00	ng	0.00
38) Acenaphthene-d10	14.23	164	434530	20.00	ng	0.00
63) Phenanthrene-d10	16.98	188	799200	20.00	ng	0.00
75) Chrysene-d12	21.18	240	805400	20.00	ng	0.00
86) Perylene-d12	23.40	264	861427	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	131158	13.87	ng	0.00
7) Phenol-d6	6.75	99	183934	14.85	ng	0.00
23) Nitrobenzene-d5	8.72	82	104716	9.35	ng	0.00
41) 2,4,6-Tribromophenol	15.73	330	64217	14.59	ng	0.00
44) 2-Fluorobiphenyl	12.84	172	241723	9.64	ng	0.00
78) Terphenyl-d14	19.63	244	279860	8.75	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	13.69	163	78381	2.60	ng	99
74) Fluoranthene	19.05	202	95034	2.11	ng	99

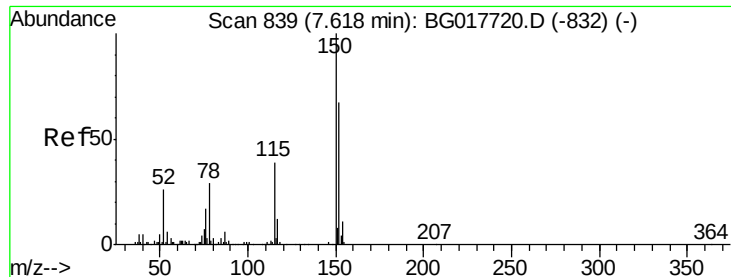
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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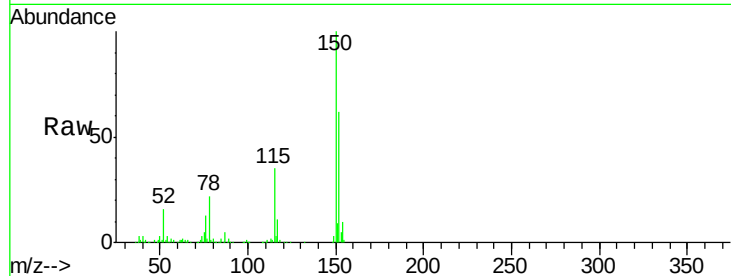


#1

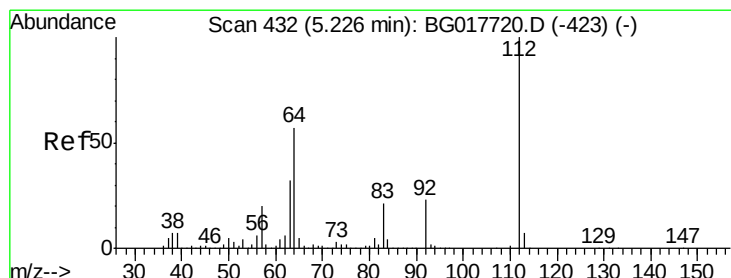
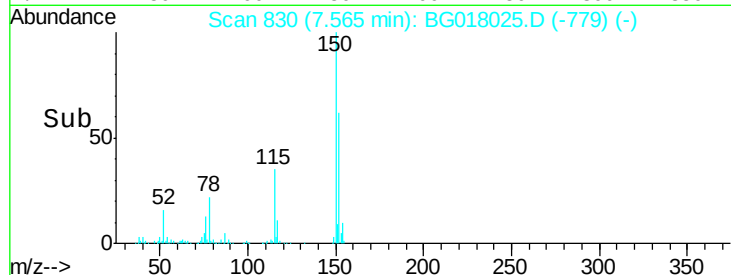
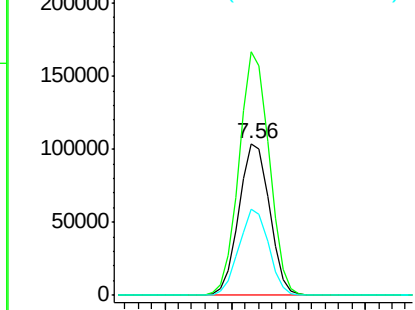
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG018025.D
Acq: 21 Jul 2015 16:33

Instrument :
BNA_G
ClientSampleId :
TOPSOIL-2RE

Tgt Ion:152 Resp: 164919
Ion Ratio Lower Upper
152 100
150 160.7 119.1 178.7
115 57.0 47.0 70.4



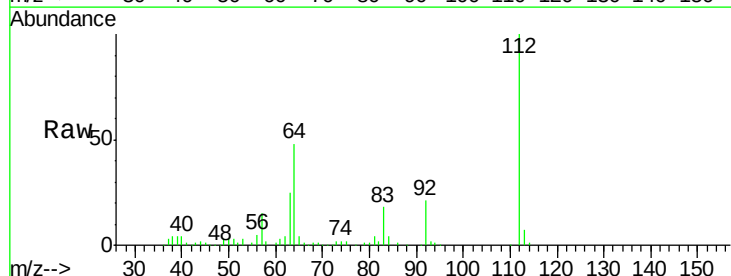
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



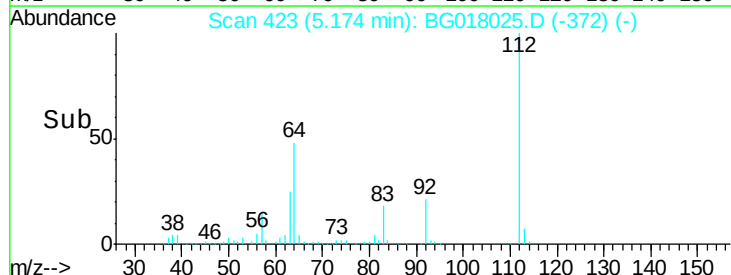
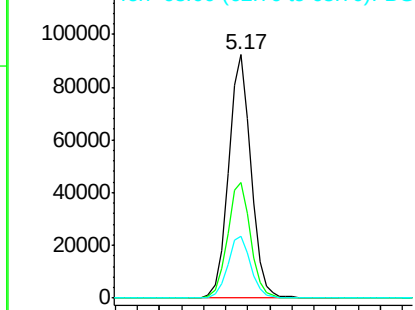
#5

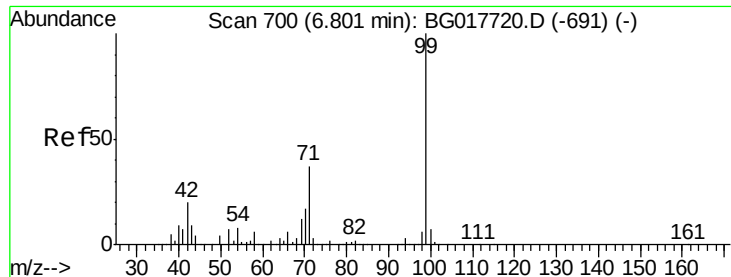
2-Fluorophenol
Concen: 13.87 ng
RT: 5.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: BG018025.D
Acq: 21 Jul 2015 16:33

Tgt Ion:112 Resp: 131158
Ion Ratio Lower Upper
112 100
64 47.7 45.4 68.0
63 25.3 25.3 37.9



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: 14.85 ng

RT: 6.75 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG018025.D

Acq: 21 Jul 2015 16:33

Instrument :

BNA_G

ClientSampleId :

TOPSOIL-2RE

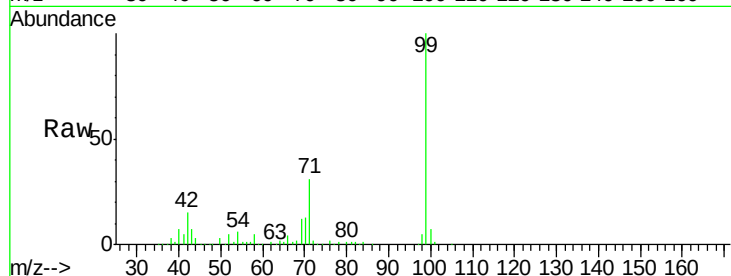
Tgt Ion: 99 Resp: 183934

Ion Ratio Lower Upper

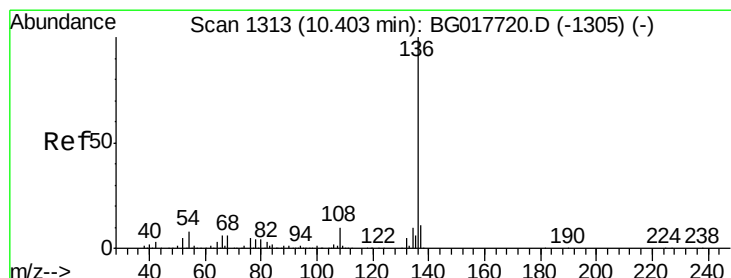
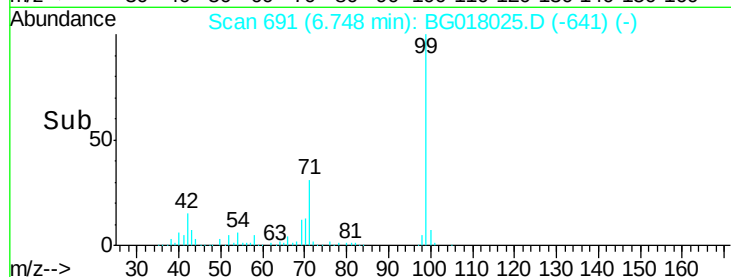
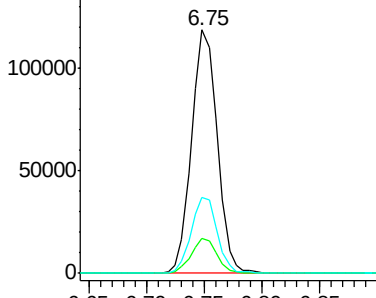
99 100

42 14.6 16.2 24.4#

71 31.4 29.5 44.3



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: 10.35 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BG018025.D

Acq: 21 Jul 2015 16:33

Tgt Ion: 136 Resp: 725467

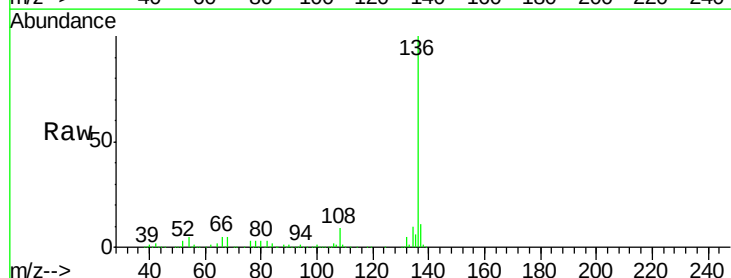
Ion Ratio Lower Upper

136 100

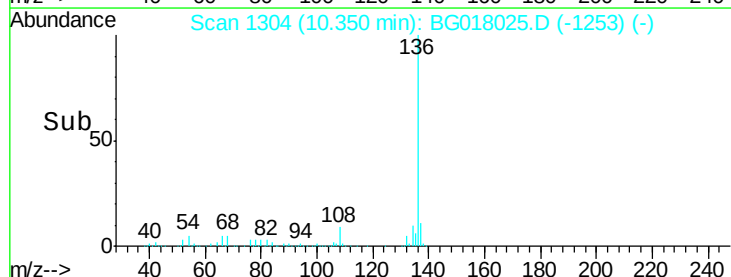
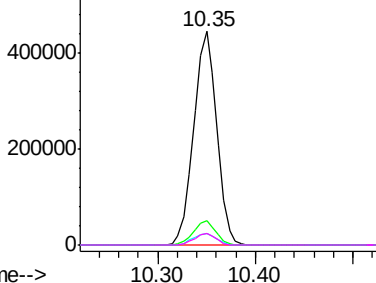
137 11.1 8.8 13.2

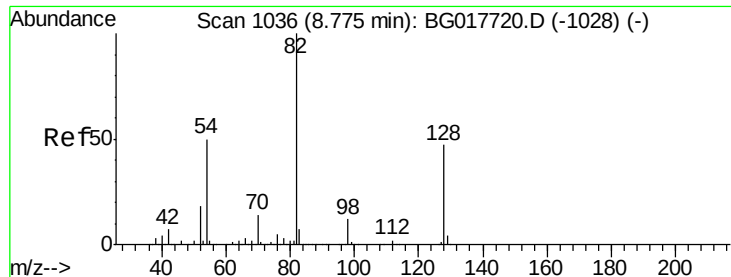
54 5.4 6.6 9.8#

68 5.1 5.1 7.7



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

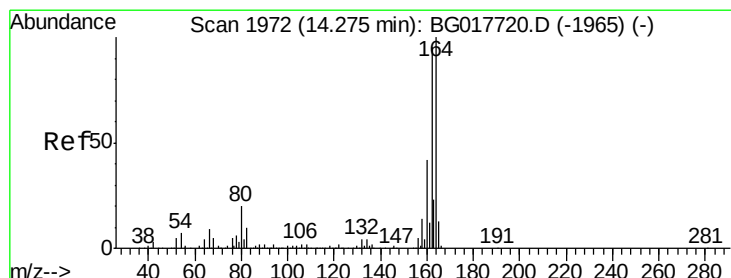
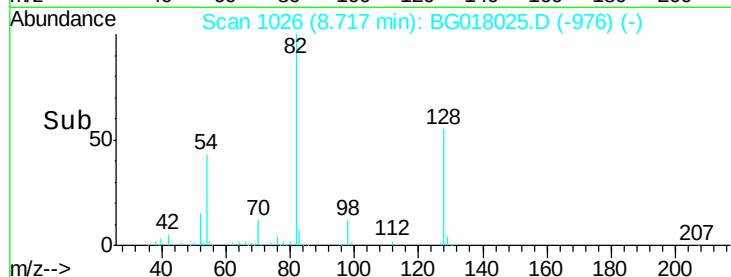
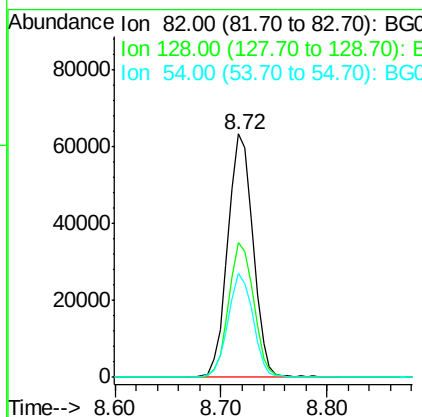
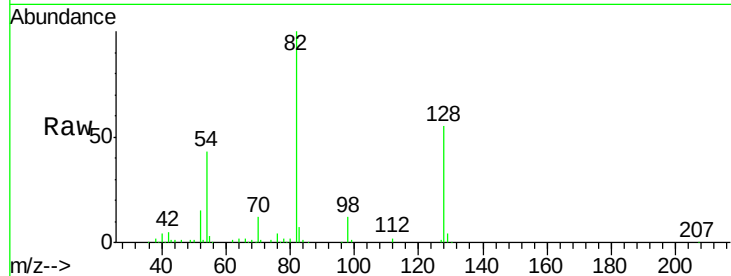




#23
 Nitrobenzene-d5
 Concen: 9.35 ng
 RT: 8.72 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG018025.D
 Acq: 21 Jul 2015 16:33

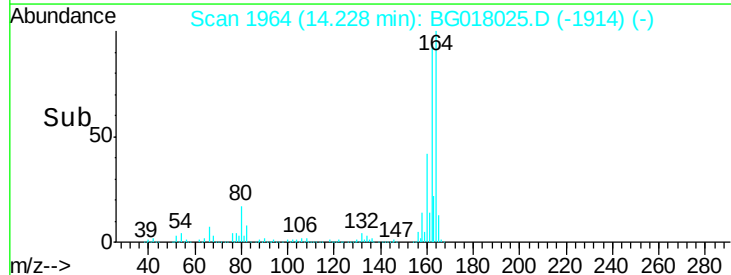
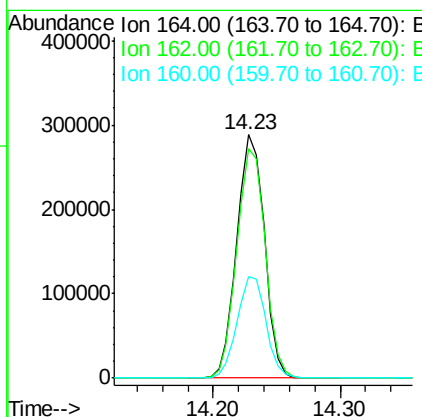
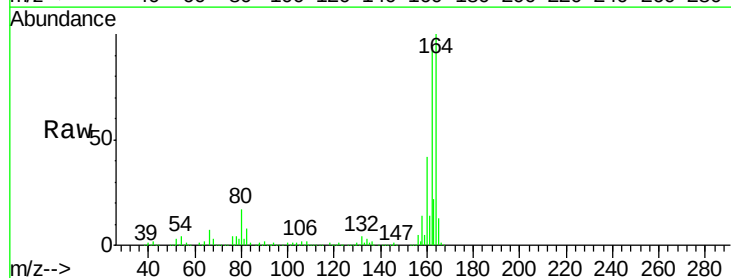
Instrument :
 BNA_G
 ClientSampleId :
 TOPSOIL-2RE

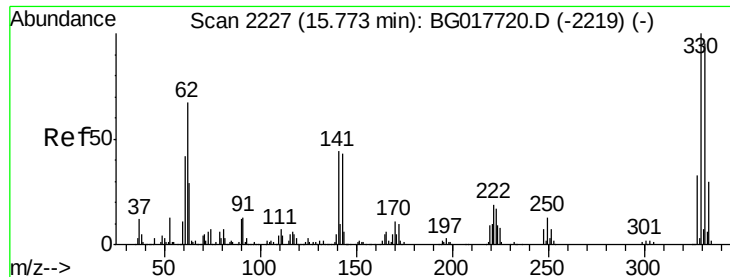
Tgt Ion	Ratio	Lower	Upper
82	100		
128	55.3	37.8	56.6
54	42.8	39.9	59.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.23 min Scan# 1964
 Delta R.T. -0.01 min
 Lab File: BG018025.D
 Acq: 21 Jul 2015 16:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.3	76.3	114.5
160	41.9	33.7	50.5

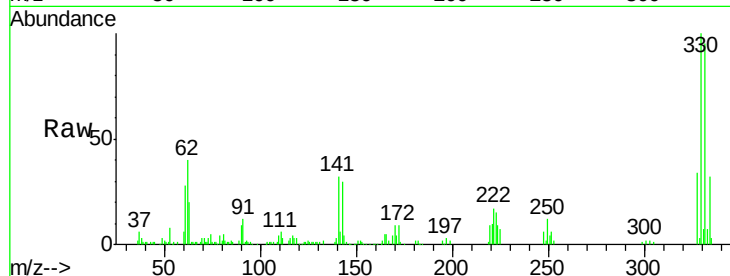




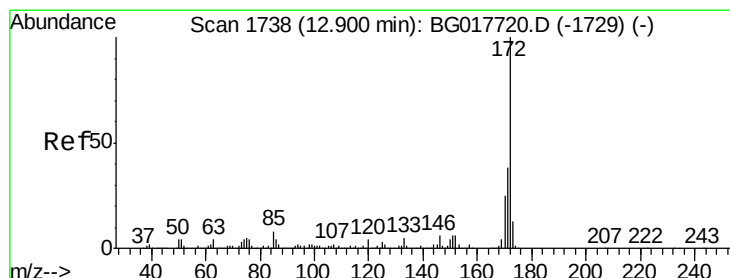
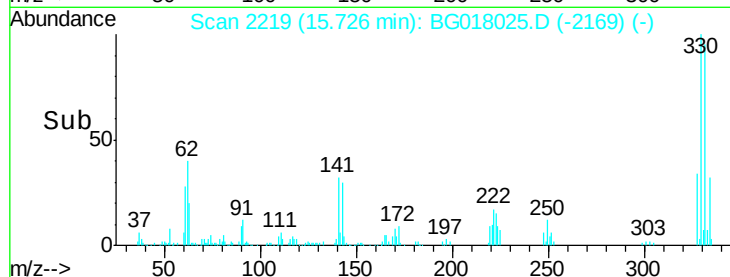
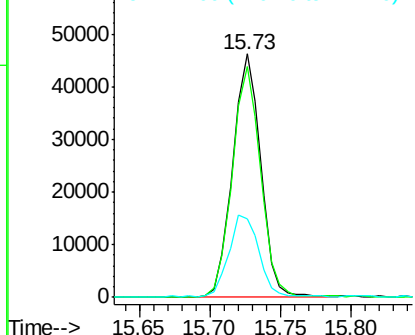
#41
 2,4,6-Tribromophenol
 Concen: 14.59 ng
 RT: 15.73 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG018025.D
 Acq: 21 Jul 2015 16:33

Instrument :
 BNA_G
 ClientSampleId :
 TOPSOIL-2RE

Tgt Ion:330 Resp: 64217
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.8 115.2
 141 36.1 38.0 57.0#

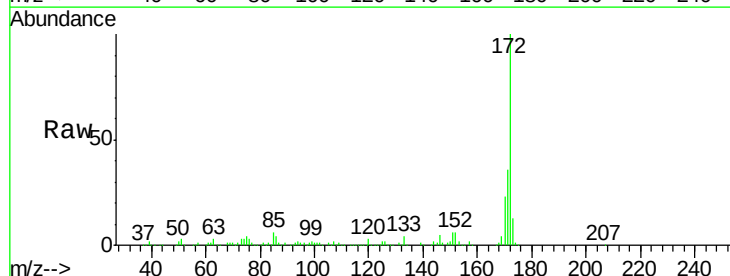


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

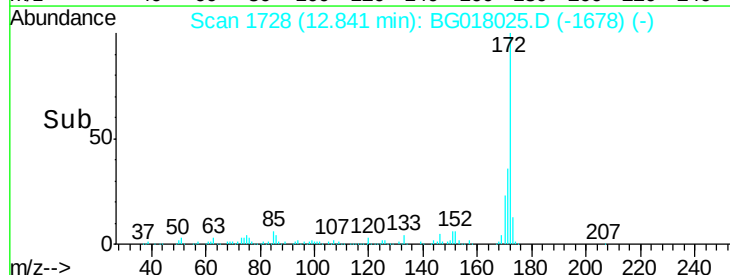
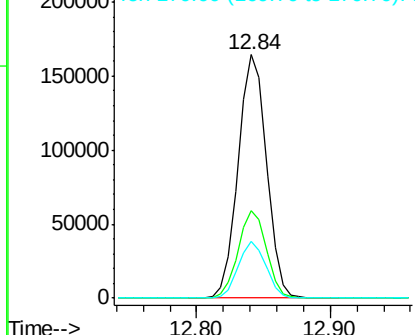


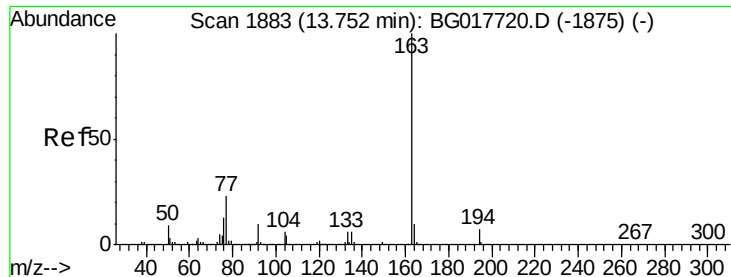
#44
 2-Fluorobiphenyl
 Concen: 9.64 ng
 RT: 12.84 min Scan# 1728
 Delta R.T. -0.01 min
 Lab File: BG018025.D
 Acq: 21 Jul 2015 16:33

Tgt Ion:172 Resp: 241723
 Ion Ratio Lower Upper
 172 100
 171 35.9 30.7 46.1
 170 23.3 19.7 29.5



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





#49

Dimethylphthalate

Concen: 2.60 ng

RT: 13.69 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BG018025.D

Acq: 21 Jul 2015 16:33

Instrument :

BNA_G

ClientSampleId :

TOPSOIL-2RE

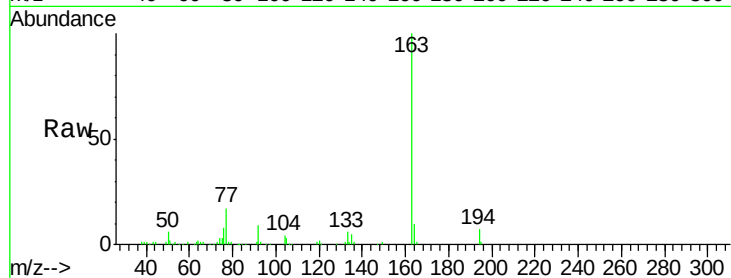
Tgt Ion:163 Resp: 78381

Ion Ratio Lower Upper

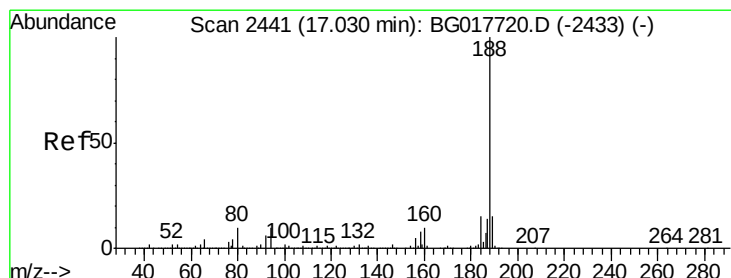
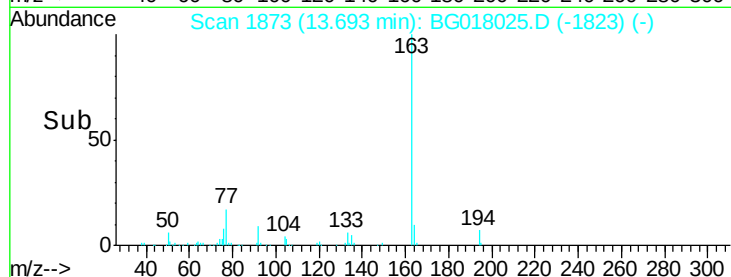
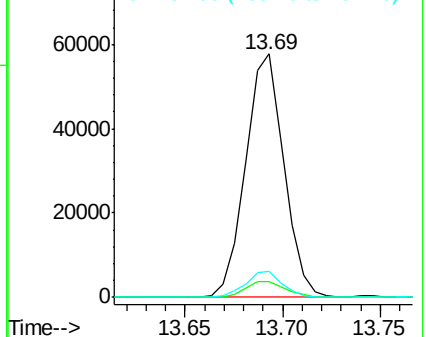
163 100

194 6.5 5.8 8.6

164 10.4 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.98 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BG018025.D

Acq: 21 Jul 2015 16:33

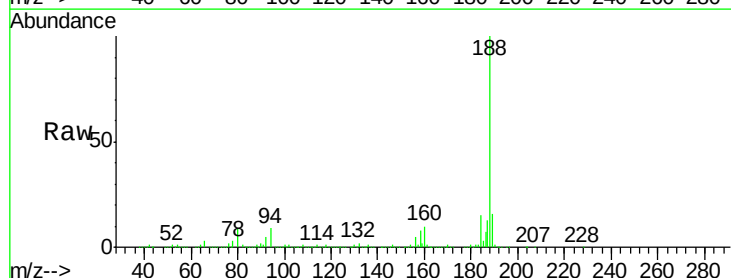
Tgt Ion:188 Resp: 799200

Ion Ratio Lower Upper

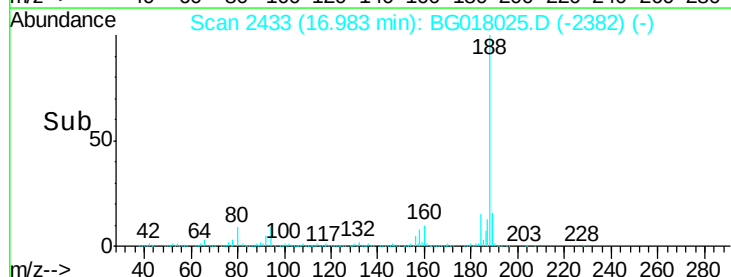
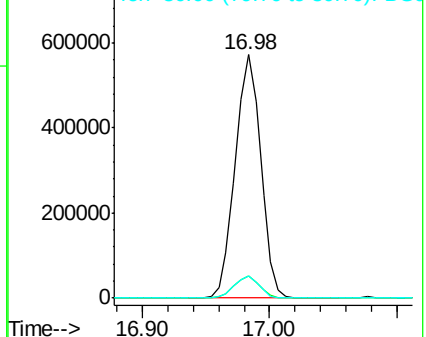
188 100

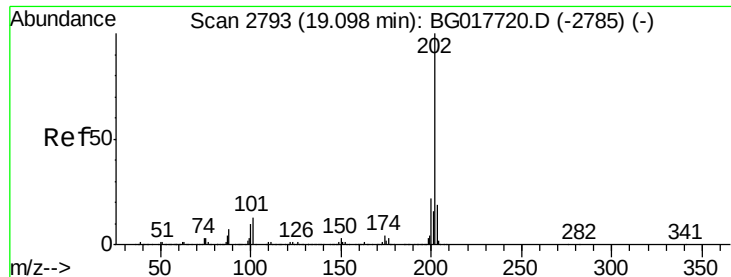
94 9.2 8.2 12.2

80 9.1 8.2 12.4



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





#74

Fluoranthene

Concen: 2.11 ng

RT: 19.05 min Scan# 2785

Delta R.T. -0.01 min

Lab File: BG018025.D

Acq: 21 Jul 2015 16:33

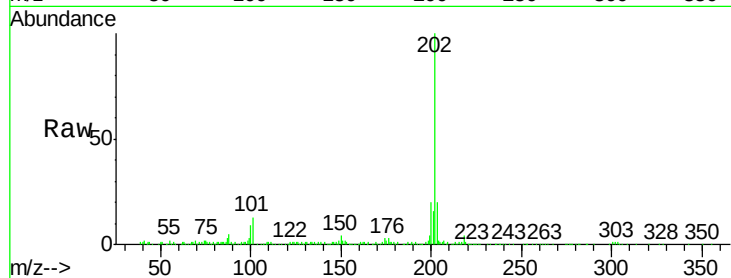
Instrument :

BNA_G

ClientSampleId :

TOPSOIL-2RE

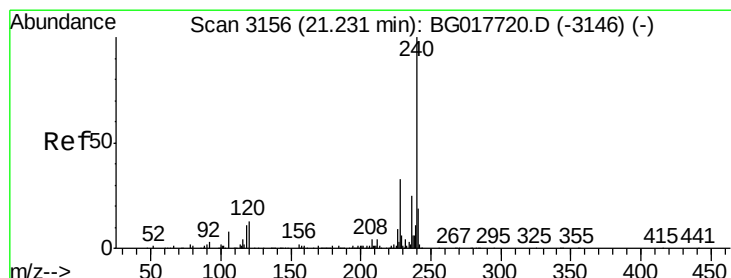
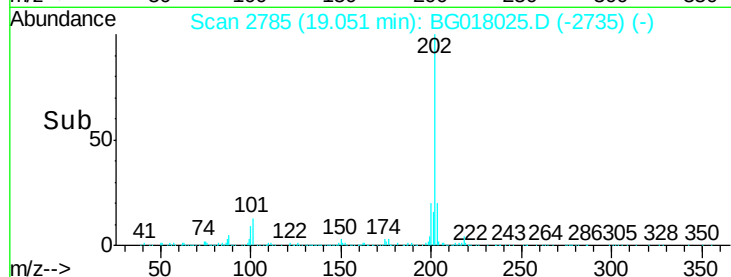
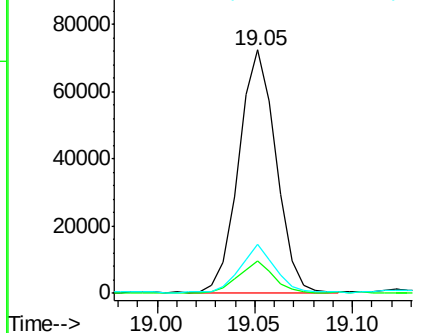
Tgt Ion:	202	Resp:	95034
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	33.3
203	20.1	0.0	39.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

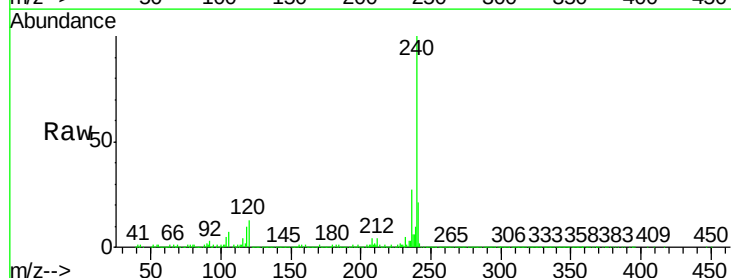
RT: 21.18 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG018025.D

Acq: 21 Jul 2015 16:33

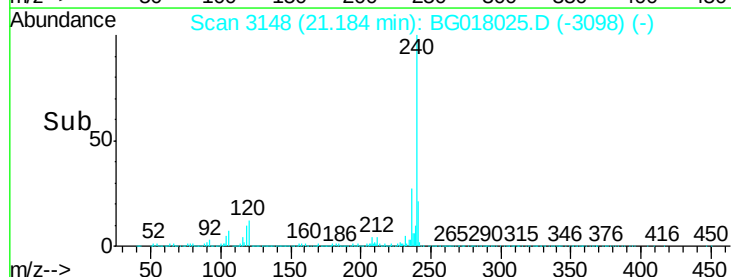
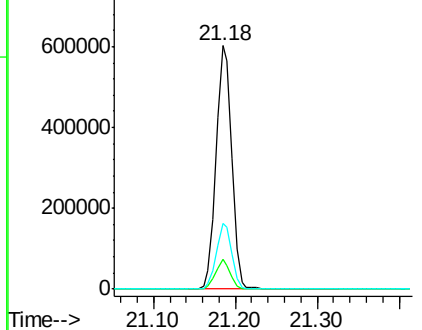
Tgt Ion:	240	Resp:	805400
Ion Ratio	Lower	Upper	
240	100		
120	12.5	10.8	16.2
236	26.7	20.0	30.0

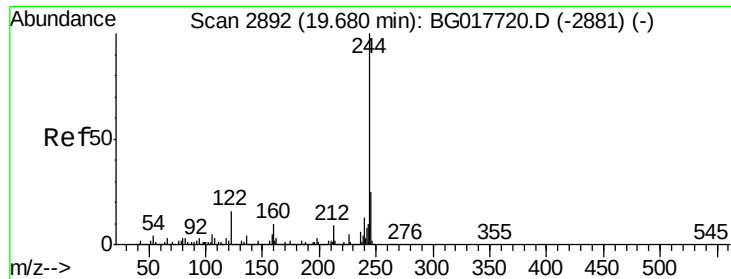


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 8.75 ng

RT: 19.63 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG018025.D

Acq: 21 Jul 2015 16:33

Instrument :

BNA_G

ClientSampleId :

TOPSOIL-2RE

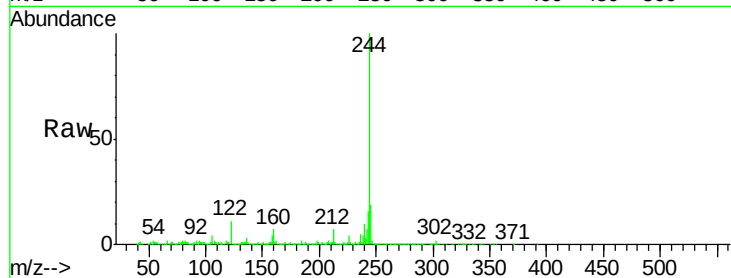
Tgt Ion:244 Resp: 279860

Ion Ratio Lower Upper

244 100

212 7.0 7.2 10.8#

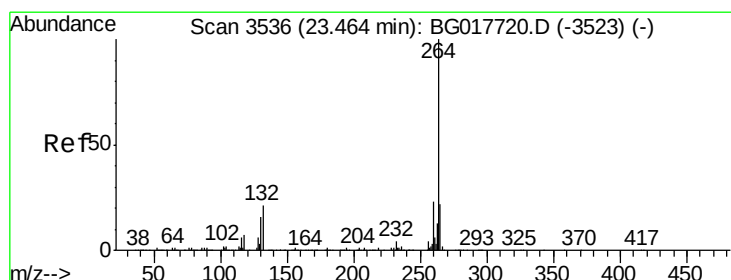
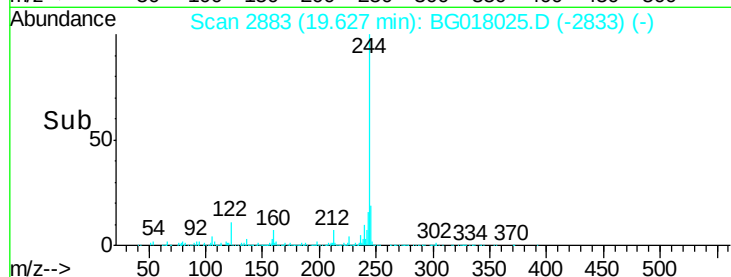
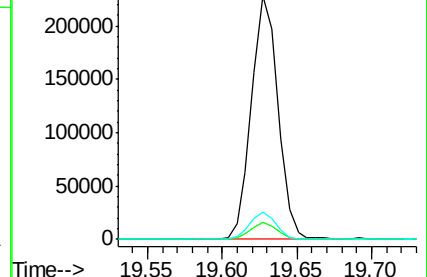
122 11.4 12.8 19.2#



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: 23.40 min Scan# 3525

Delta R.T. -0.00 min

Lab File: BG018025.D

Acq: 21 Jul 2015 16:33

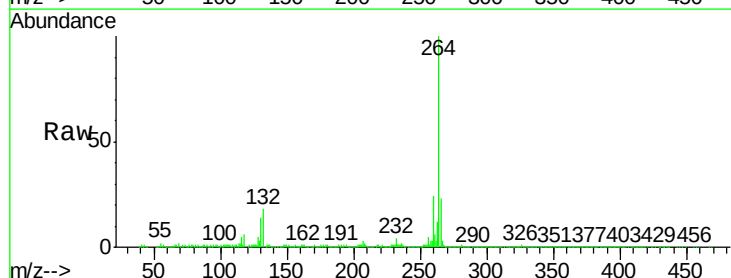
Tgt Ion:264 Resp: 861427

Ion Ratio Lower Upper

264 100

260 24.0 18.6 27.8

265 22.7 18.2 27.2



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

