

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091915\
 Data File : BG018764.D
 Acq On : 18 Sep 2015 12:06
 Operator : TP
 Sample : G3706-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 18 23:55:45 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 18 23:51:57 2015
 Response via : Initial Calibration

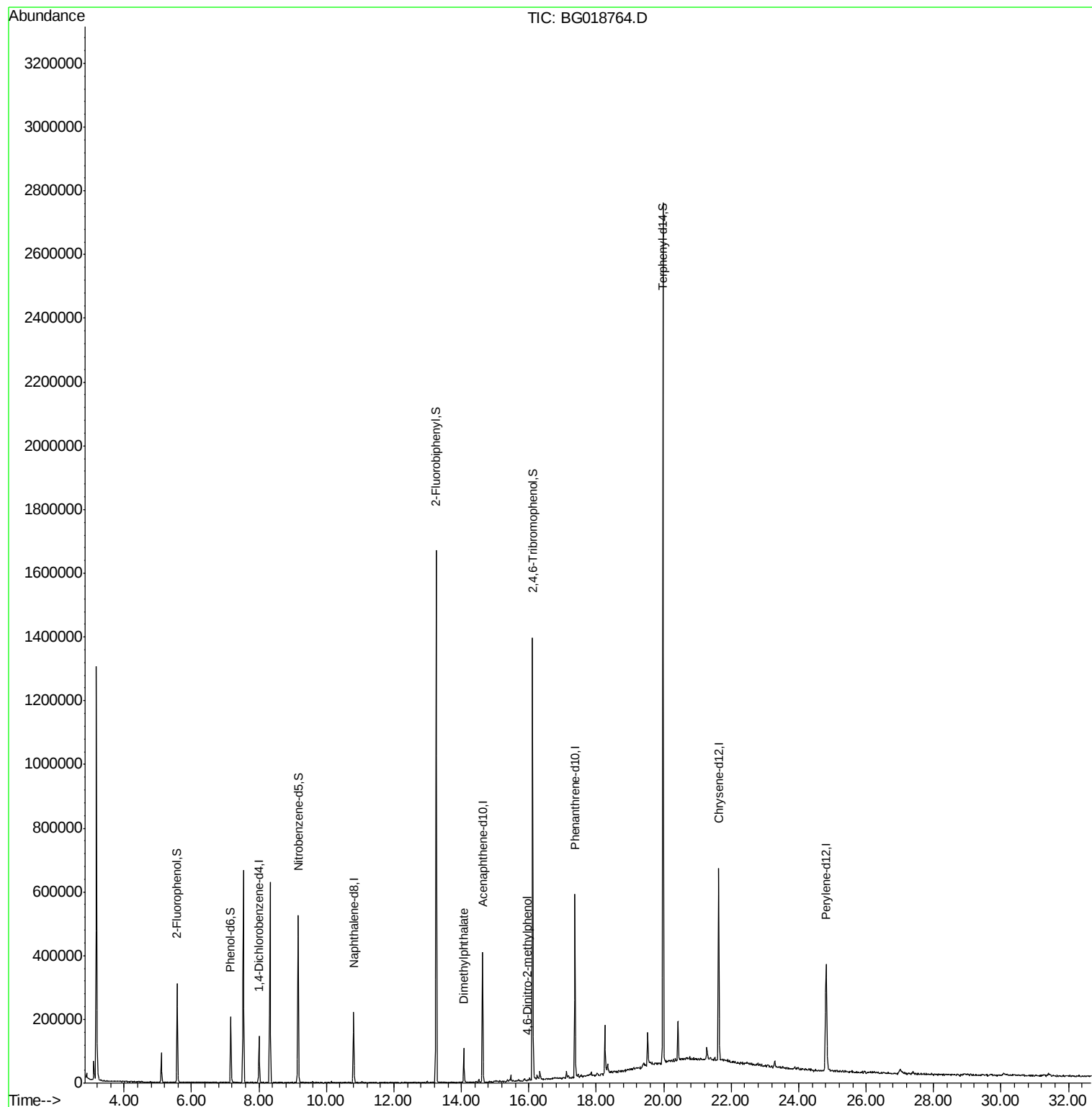
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	43477	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	199788	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	141407	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	348461	20.00	ng	0.00
75) Chrysene-d12	21.63	240	357639	20.00	ng	0.00
86) Perylene-d12	24.82	264	358616	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	158579	63.01	ng	0.00
7) Phenol-d6	7.16	99	142043	39.36	ng	0.00
23) Nitrobenzene-d5	9.16	82	332626	93.16	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	285839	150.12	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	941506	92.43	ng	0.00
78) Terphenyl-d14	19.98	244	1172002	86.05	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.07	163	72092	6.16	ng	96
64) 4,6-Dinitro-2-methylphenol	15.95	198	56	5.43	ng	# 1

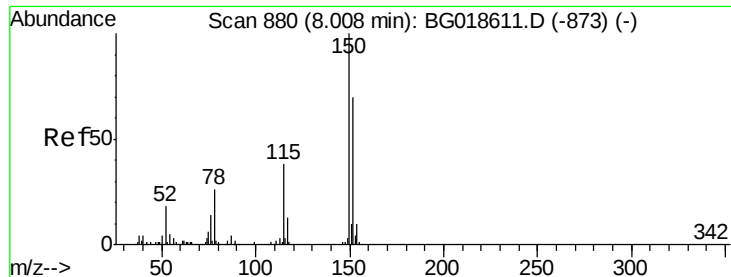
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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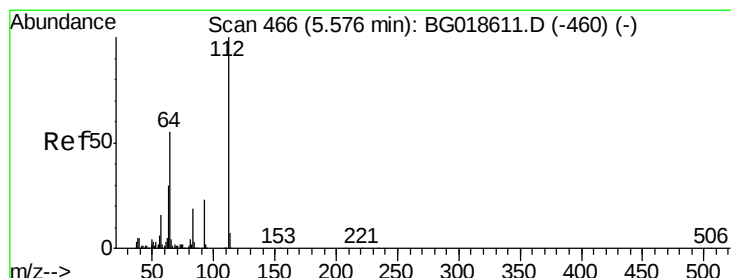
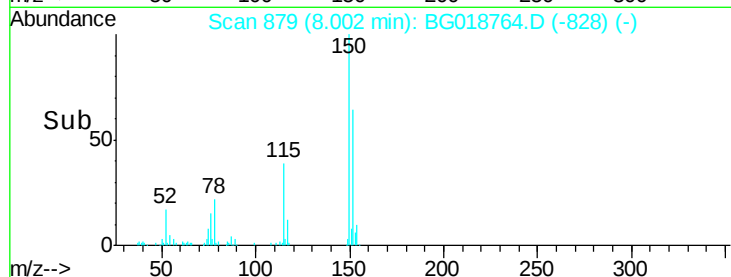
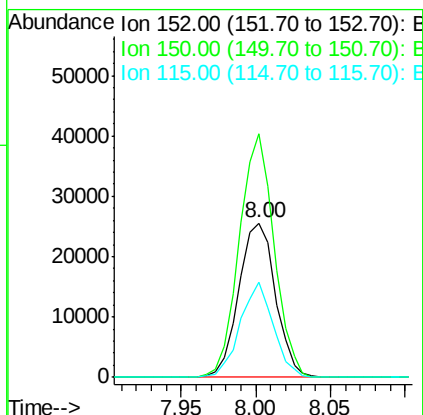
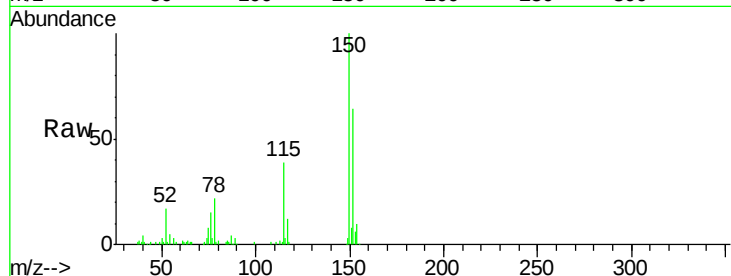


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.00 min Scan# 879
Delta R.T. -0.00 min
Lab File: BG018764.D
Acq: 18 Sep 2015 12:06

Instrument :
BNA_G
ClientSampleId :

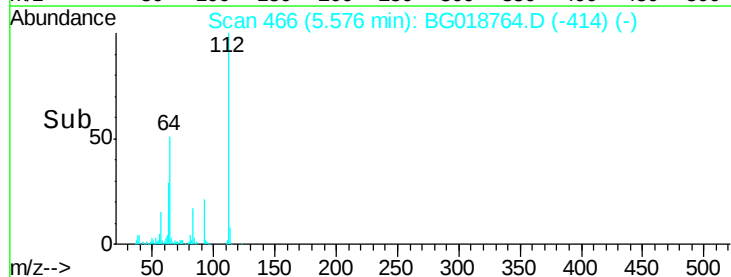
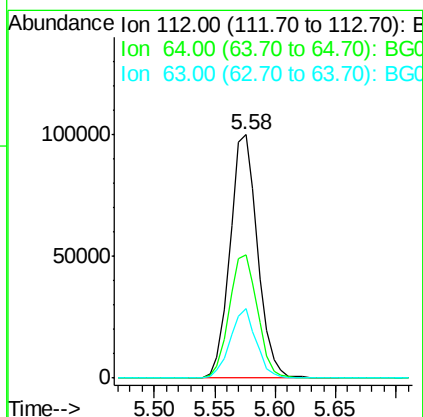
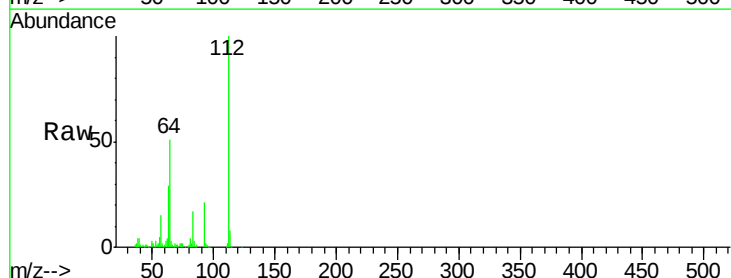
Tot Ion:152 Resp: 43477
Ion Ratio Lower Upper
152 100
150 157.4 115.0 172.4
115 61.7 43.9 65.9

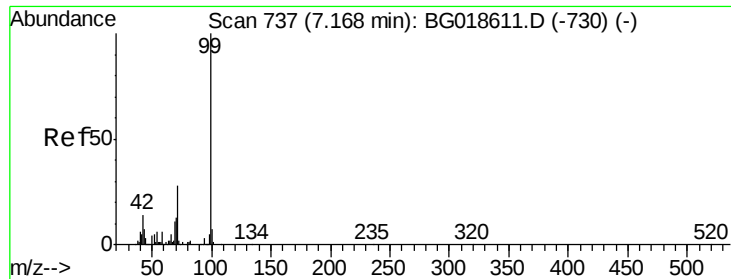


#5

2-Fluorophenol
Concen: 63.01 ng
RT: 5.58 min Scan# 466
Delta R.T. 0.00 min
Lab File: BG018764.D
Acq: 18 Sep 2015 12:06

Tgt Ion:112 Resp: 158579
Ion Ratio Lower Upper
112 100
64 50.6 43.7 65.5
63 28.5 24.0 36.0





#7

Phenol-d6

Concen: 39.36 ng

RT: 7.16 min Scan# 736

Delta R.T. -0.01 min

Lab File: BG018764.D

Acq: 18 Sep 2015 12:06

Instrument :

BNA_G

ClientSampleId :

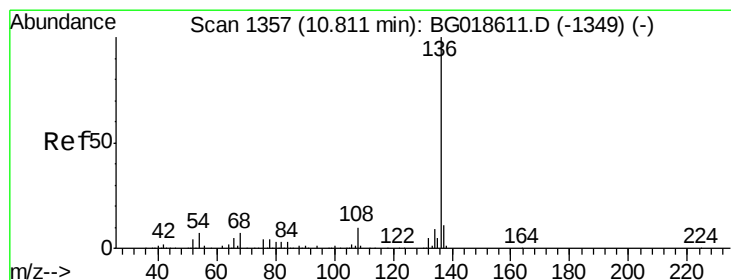
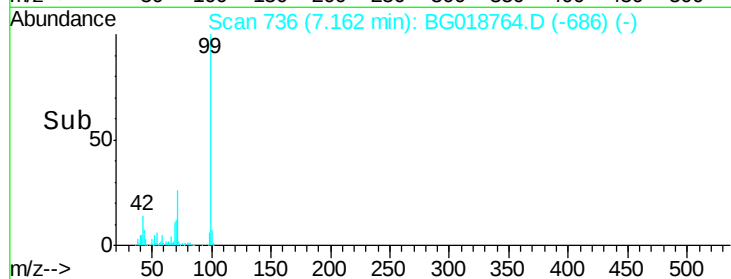
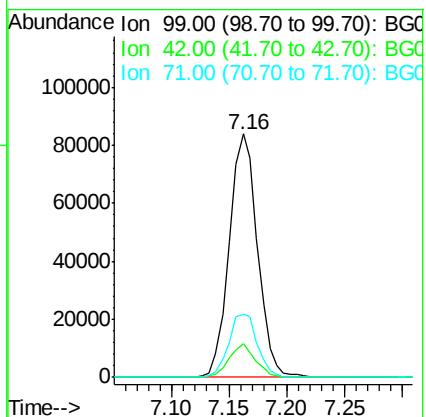
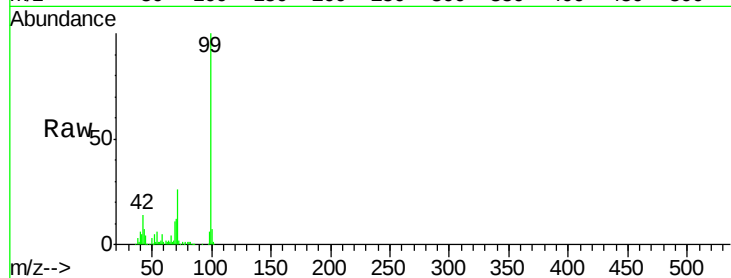
Tot Ion: 99 Resp: 142043

Ion Ratio Lower Upper

99 100

42 13.7 11.5 17.3

71 25.8 22.6 34.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.80 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BG018764.D

Acq: 18 Sep 2015 12:06

Tgt Ion: 136 Resp: 199788

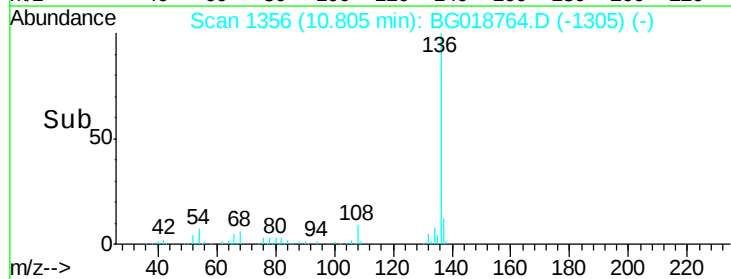
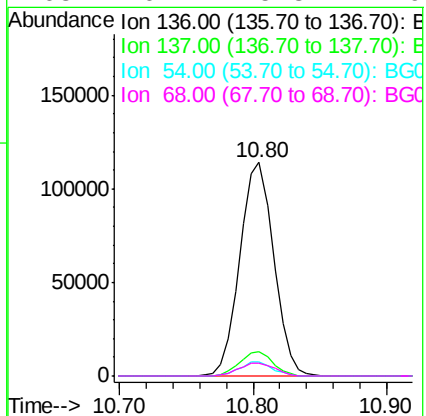
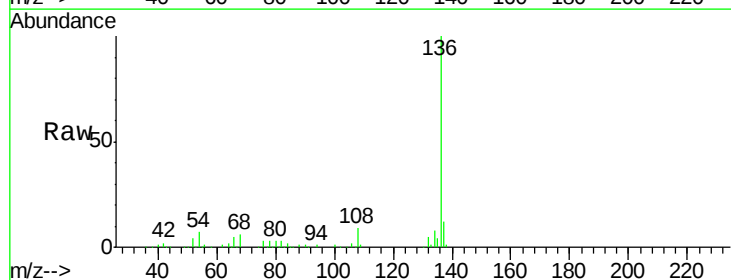
Ion Ratio Lower Upper

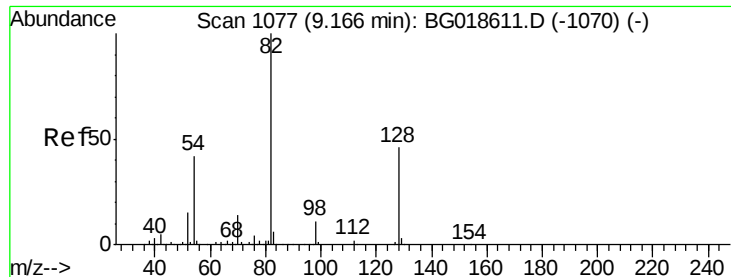
136 100

137 11.5 8.6 12.8

54 6.6 5.4 8.2

68 6.2 5.3 7.9

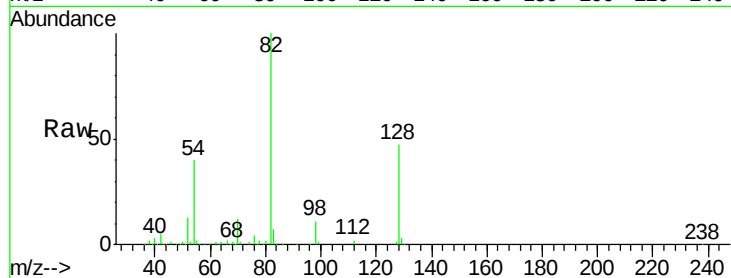




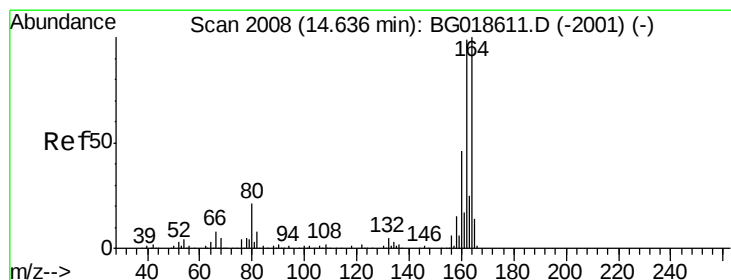
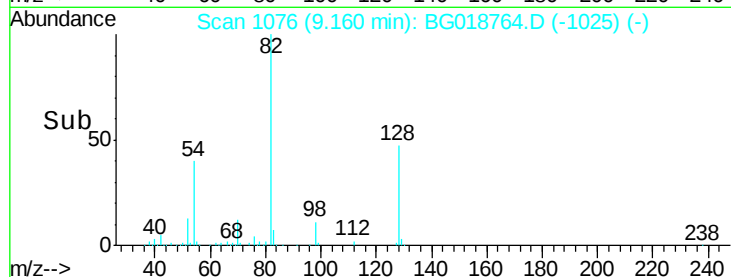
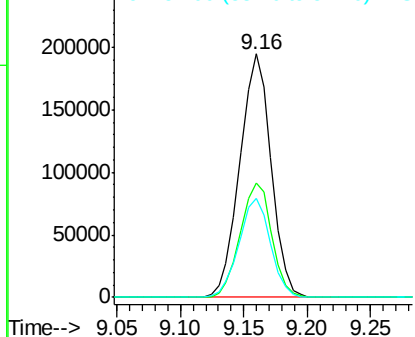
#23
Nitrobenzene-d5
Concen: 93.16 ng
RT: 9.16 min Scan# 1076
Delta R.T. -0.00 min
Lab File: BG018764.D
Acq: 18 Sep 2015 12:06

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	332626
Ion Ratio	Lower	Upper	
82	100		
128	47.2	36.7	55.1
54	40.4	33.8	50.8

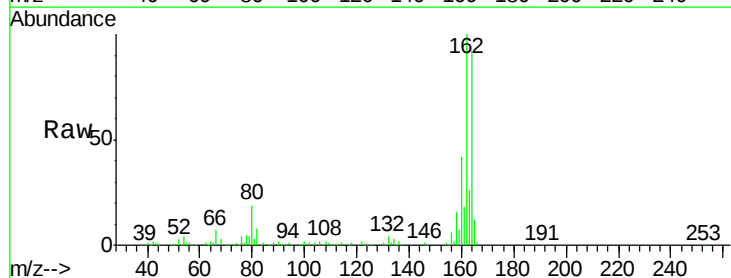


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

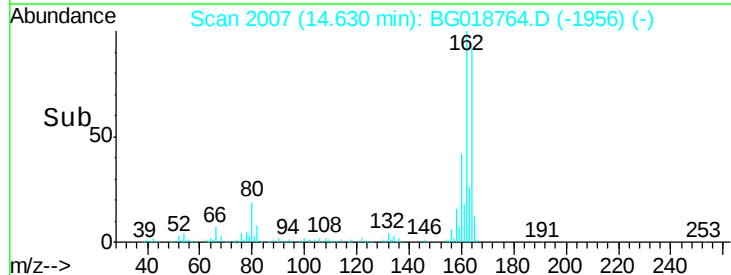
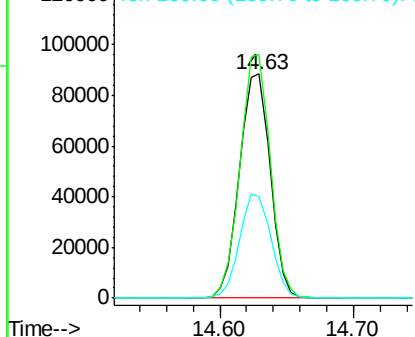


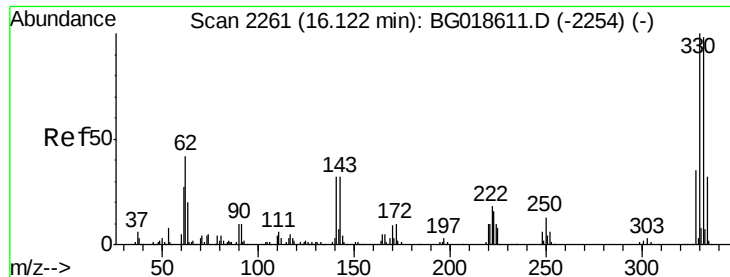
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG018764.D
Acq: 18 Sep 2015 12:06

Tgt Ion	164	Resp	141407
Ion Ratio	Lower	Upper	
164	100		
162	108.7	78.8	118.2
160	45.6	36.4	54.6



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

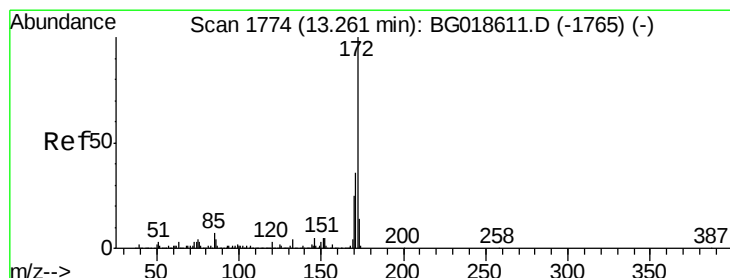
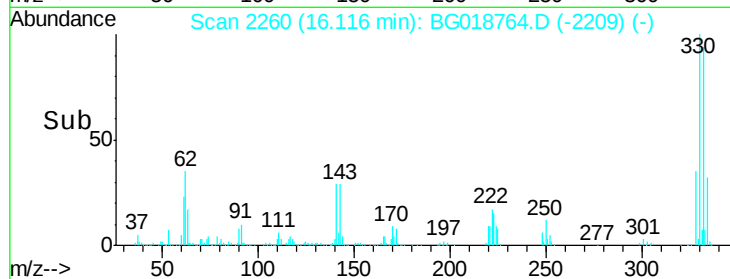
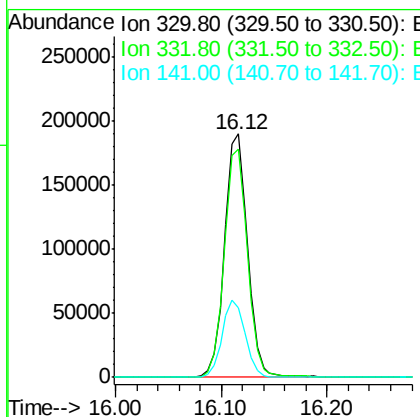
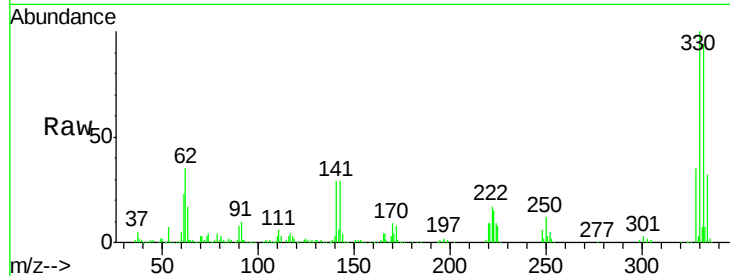




#41
 2,4,6-Tribromophenol
 Concen: 150.12 ng
 RT: 16.12 min Scan# 2260
 Delta R.T. -0.00 min
 Lab File: BG018764.D
 Acq: 18 Sep 2015 12:06

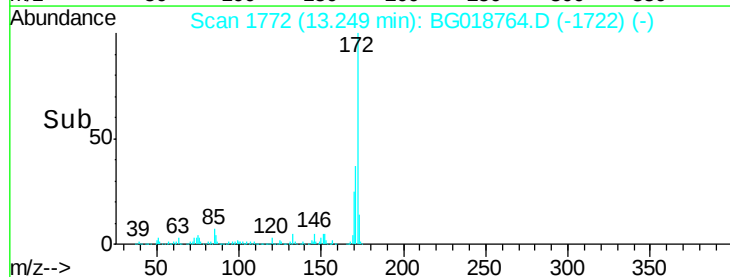
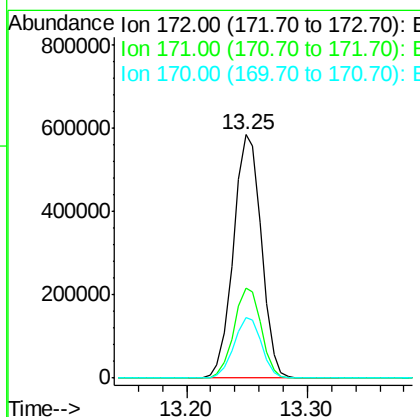
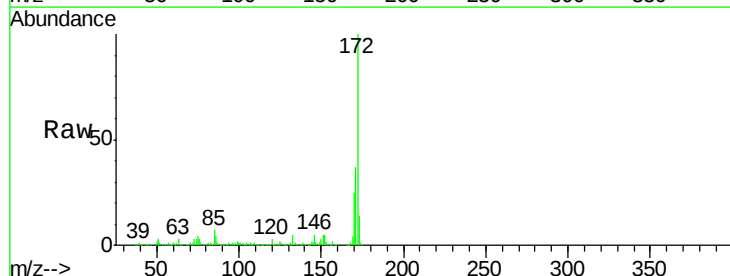
Instrument :
 BNA_G
 ClientSampleId :

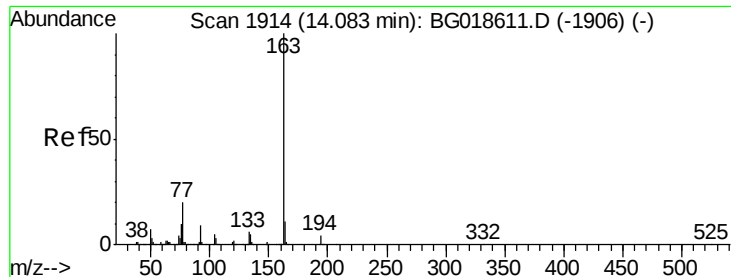
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	78.1	117.1
141	31.9	28.2	42.2



#44
 2-Fluorobiphenyl
 Concen: 92.43 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BG018764.D
 Acq: 18 Sep 2015 12:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.6
170	24.9	19.9	29.9

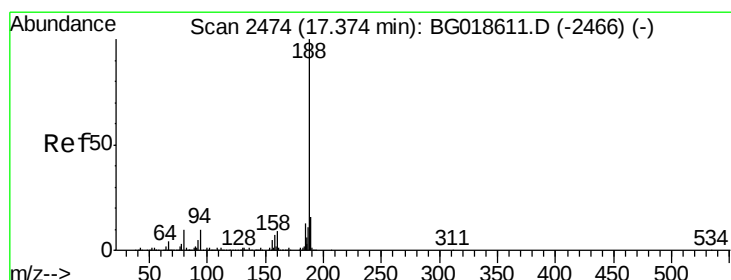
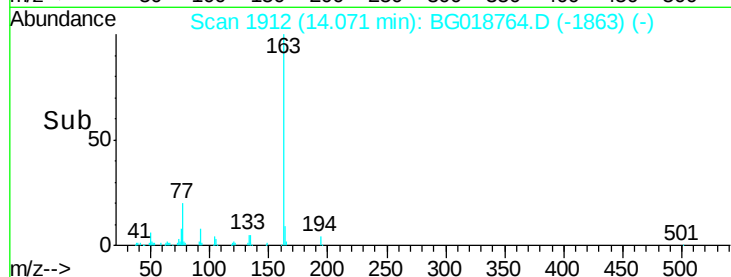
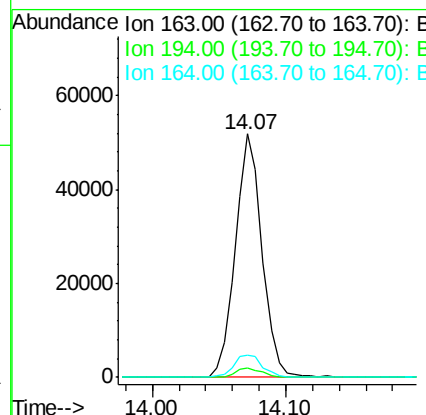
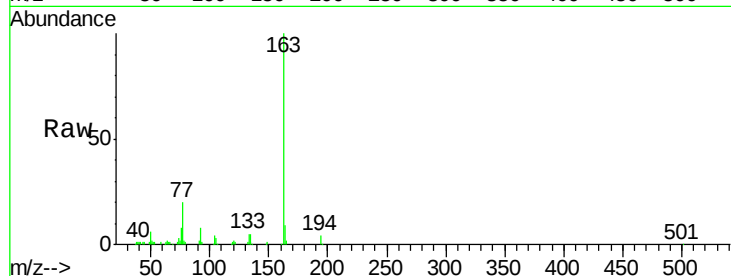




#49
Dimethylphthalate
Concen: 6.16 ng
RT: 14.07 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BG018764.D
Acq: 18 Sep 2015 12:06

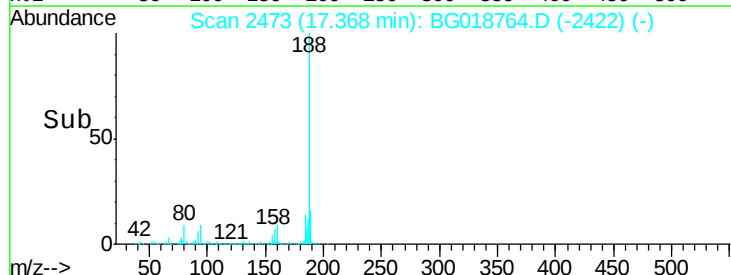
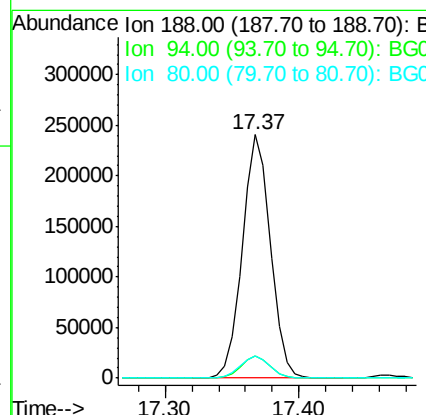
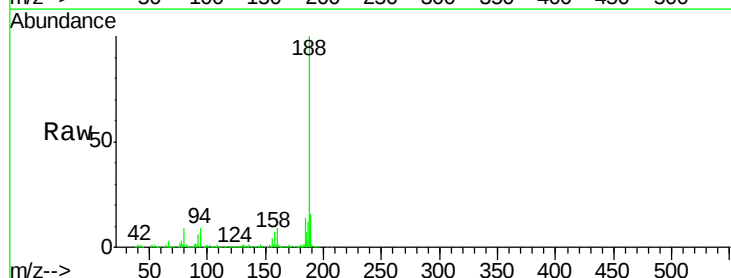
Instrument :
BNA_G
ClientSampleId :

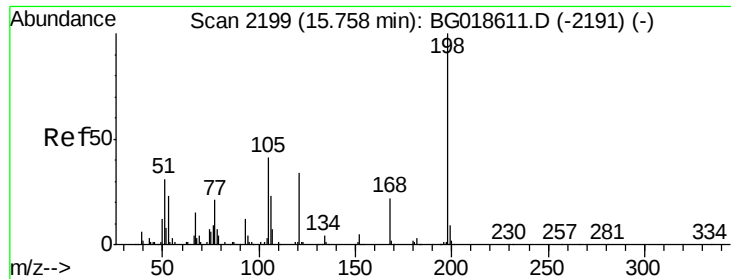
Tot Ion:163 Resp: 72092
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.2 8.8 13.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2473
Delta R.T. -0.00 min
Lab File: BG018764.D
Acq: 18 Sep 2015 12:06

Tgt Ion:188 Resp: 348461
Ion Ratio Lower Upper
188 100
94 9.0 7.7 11.5
80 9.1 7.8 11.8

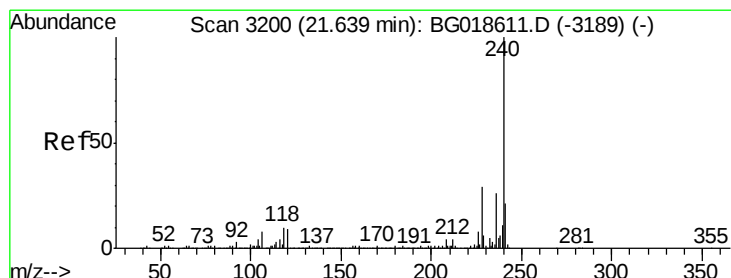
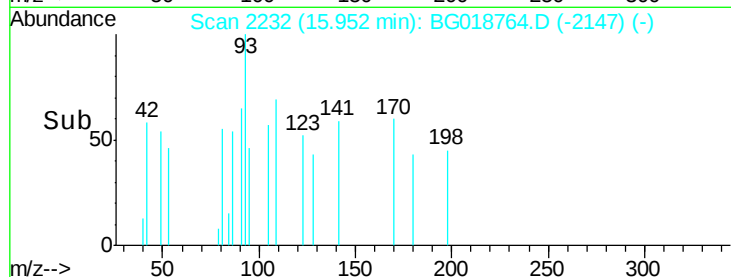
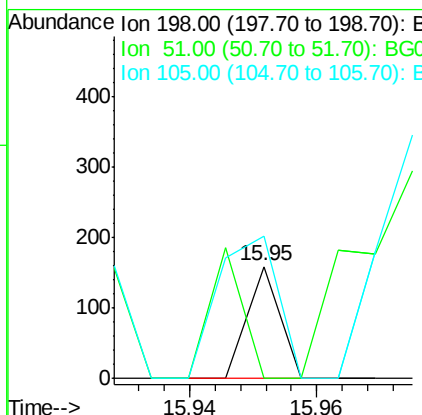
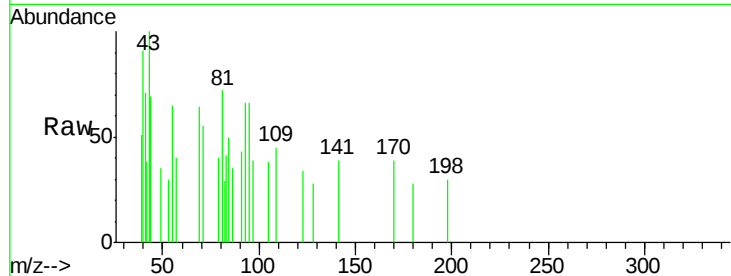




#64
4,6-Dinitro-2-methylphenol
Concen: 5.43 ng
RT: 15.95 min Scan# 2232
Delta R.T. 0.20 min
Lab File: BG018764.D
Acq: 18 Sep 2015 12:06

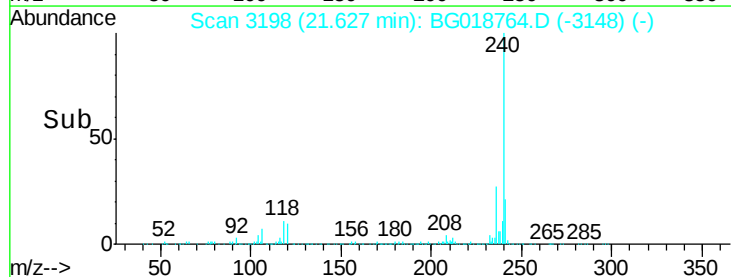
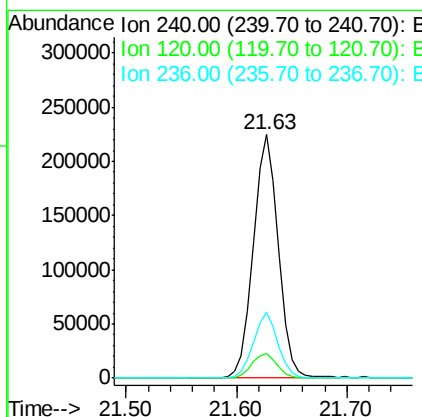
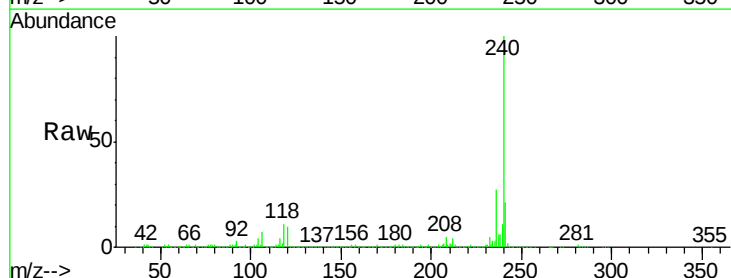
Instrument :
BNA_G
ClientSampled :

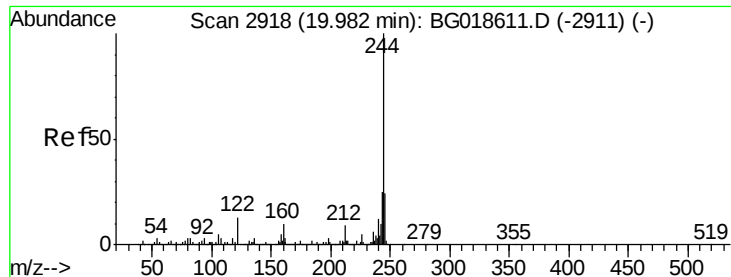
Tot Ion:198 Resp: 56
Ion Ratio Lower Upper
198 100
51 0.0 14.2 54.2#
105 127.2 21.1 61.1#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3198
Delta R.T. -0.01 min
Lab File: BG018764.D
Acq: 18 Sep 2015 12:06

Tgt Ion:240 Resp: 357639
Ion Ratio Lower Upper
240 100
120 10.1 7.4 11.0
236 26.9 20.7 31.1





#78

Terphenyl-d14

Concen: 86.05 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.00 min

Lab File: BG018764.D

Acq: 18 Sep 2015 12:06

Instrument :

BNA_G

ClientSampleId :

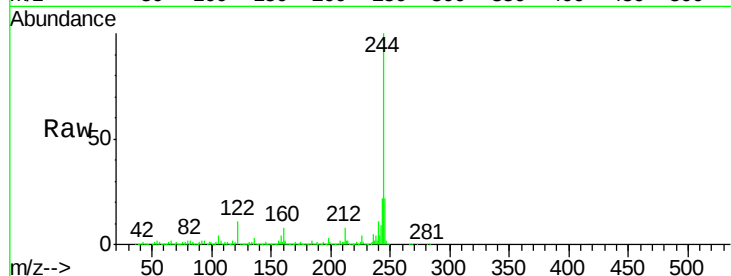
Tot Ion:244 Resp: 1172002

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

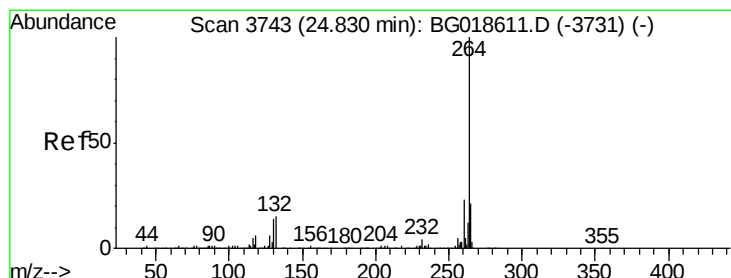
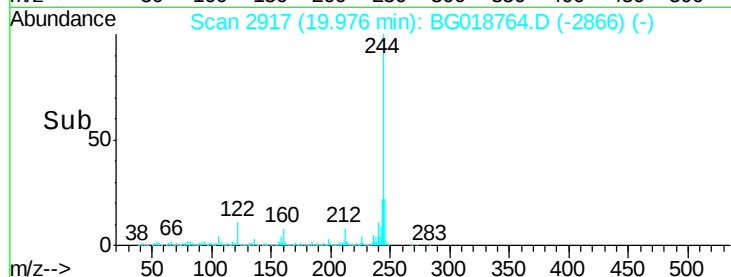
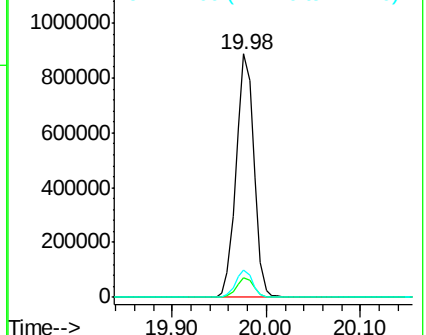
122 11.4 10.2 15.2



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: 24.82 min Scan# 3741

Delta R.T. -0.00 min

Lab File: BG018764.D

Acq: 18 Sep 2015 12:06

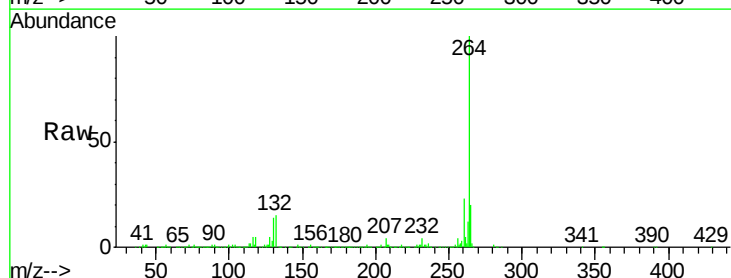
Tgt Ion:264 Resp: 358616

Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 20.4 17.2 25.8



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

