

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091815\
 Data File : BG018737.D
 Acq On : 17 Sep 2015 14:16
 Operator : TP
 Sample : G3651-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS043031

Quant Time: Sep 18 03:44:03 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 03:41:39 2015
 Response via : Initial Calibration

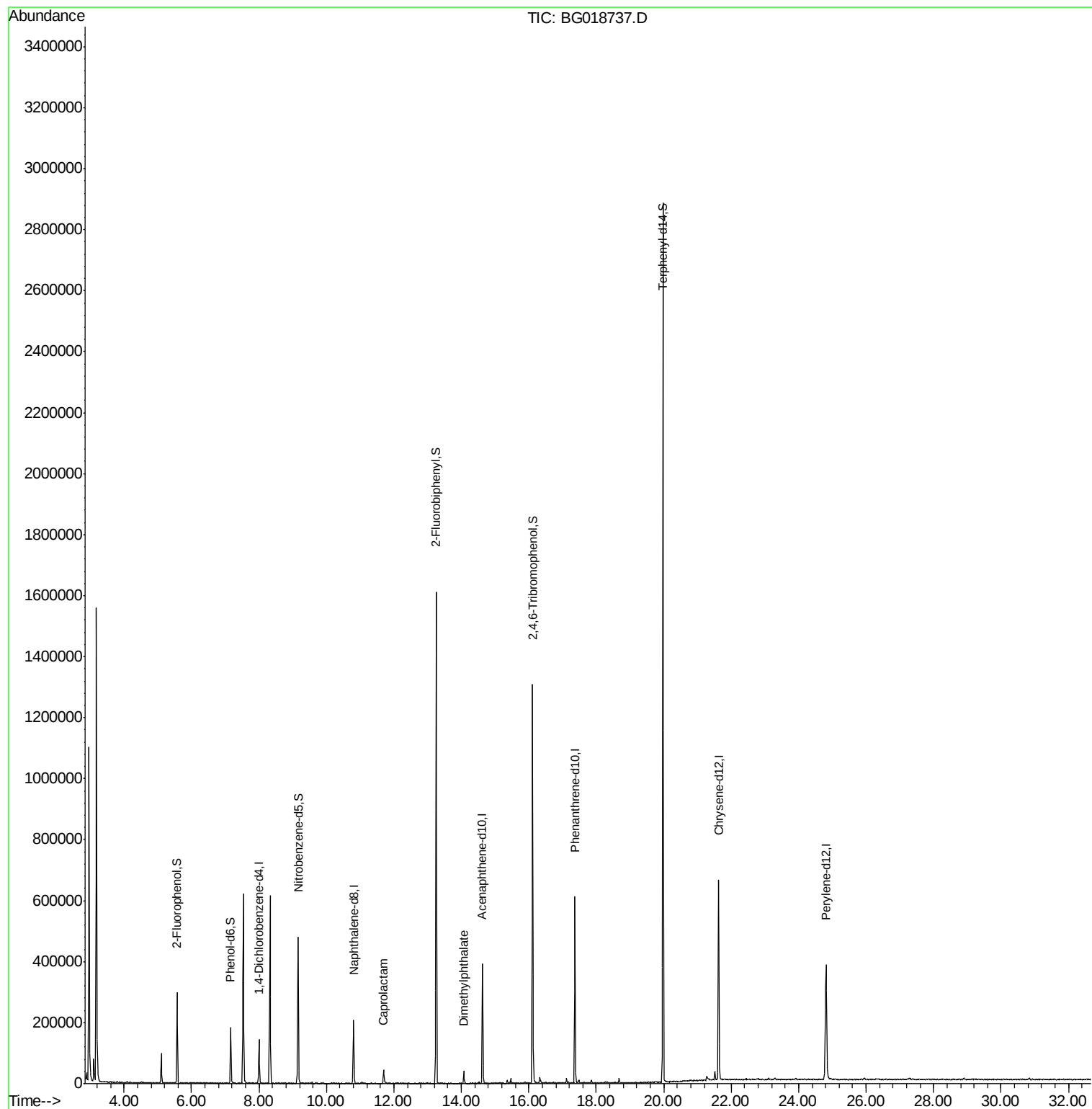
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	44312	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	187387	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	135919	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	369688	20.00	ng	0.00
75) Chrysene-d12	21.63	240	405416	20.00	ng	0.00
86) Perylene-d12	24.81	264	400184	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	149347	58.22	ng	0.00
7) Phenol-d6	7.16	99	126144	34.30	ng	0.00
23) Nitrobenzene-d5	9.16	82	310273	92.65	ng	0.00
41) 2,4,6-Tribromophenol	16.11	330	265102	144.85	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	870196	88.88	ng	0.00
78) Terphenyl-d14	19.98	244	1251130	81.04	ng	0.00
Target Compounds						
35) Caprolactam	11.70	113	11144	8.51	ng	# 79
49) Dimethylphthalate	14.07	163	28337	2.52	ng	# 99

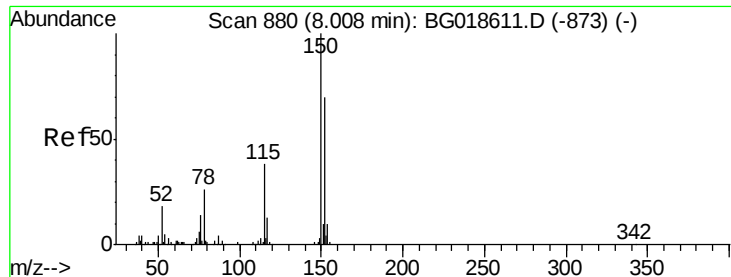
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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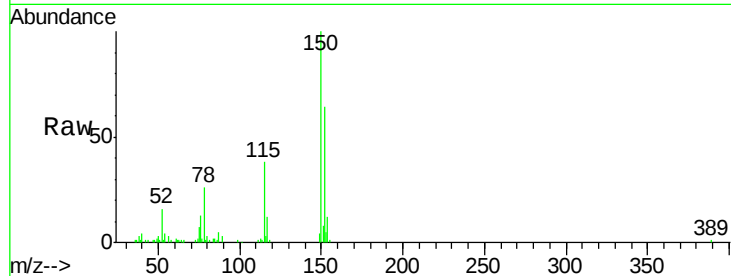


#1

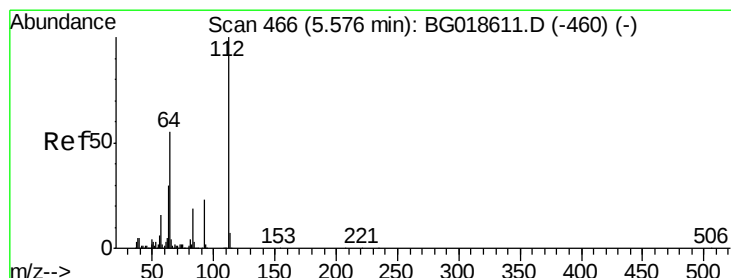
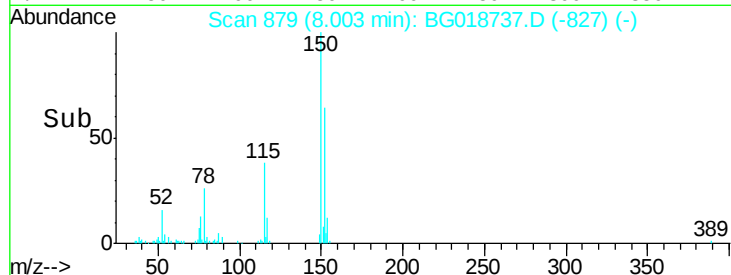
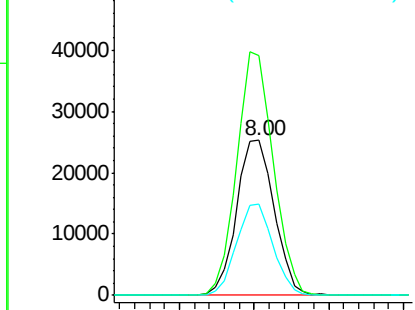
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.00 min Scan# 879
Delta R.T. 0.01 min
Lab File: BG018737.D
Acq: 17 Sep 2015 14:16

Instrument :
BNA_G
ClientSampleId :
CPS043031

Tot Ion:152 Resp: 44312
Ion Ratio Lower Upper
152 100
150 155.4 115.0 172.4
115 58.7 43.9 65.9



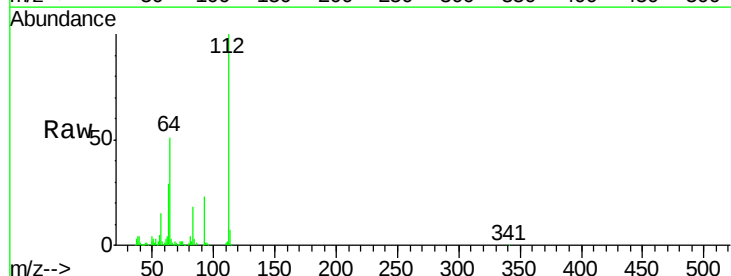
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



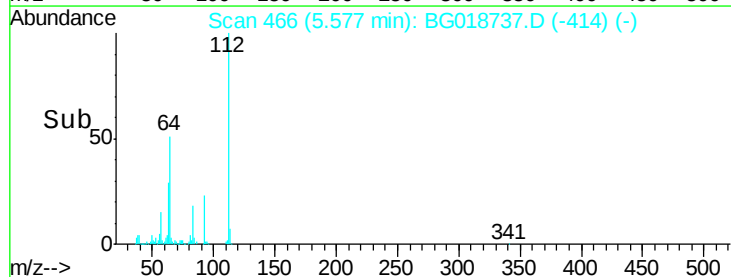
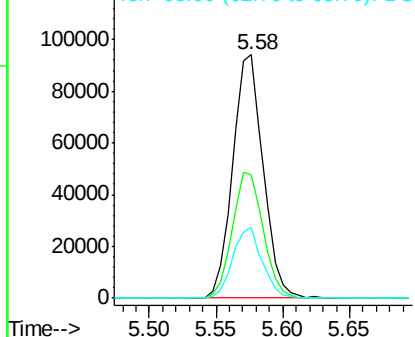
#5

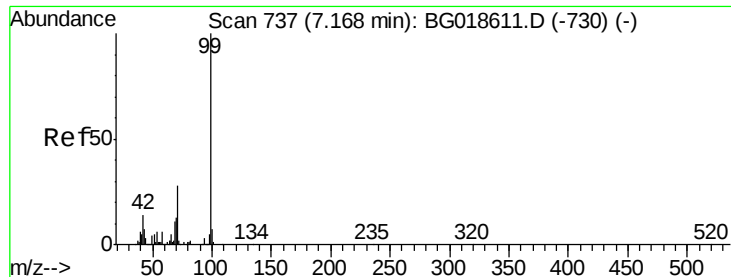
2-Fluorophenol
Concen: 58.22 ng
RT: 5.58 min Scan# 466
Delta R.T. 0.01 min
Lab File: BG018737.D
Acq: 17 Sep 2015 14:16

Tgt Ion:112 Resp: 149347
Ion Ratio Lower Upper
112 100
64 50.8 43.7 65.5
63 28.9 24.0 36.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 34.30 ng

RT: 7.16 min Scan# 736

Delta R.T. -0.00 min

Lab File: BG018737.D

Acq: 17 Sep 2015 14:16

Instrument :

BNA_G

ClientSampleId :

CPS043031

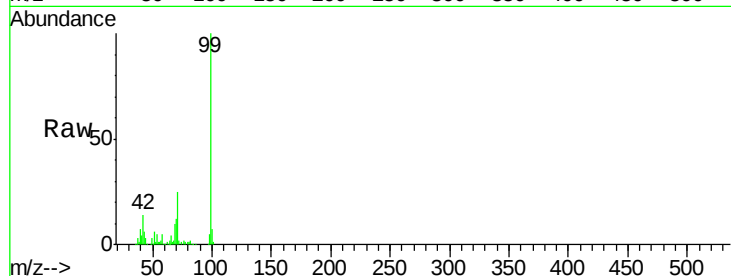
Tot Ion: 99 Resp: 126144

Ion Ratio Lower Upper

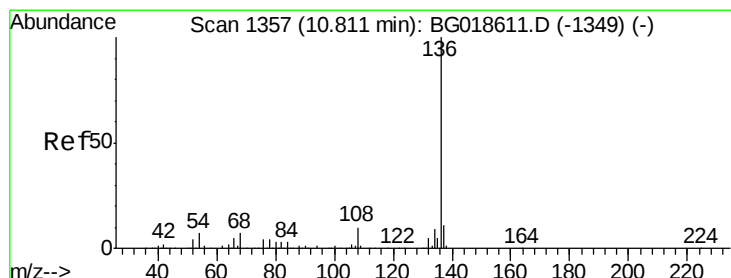
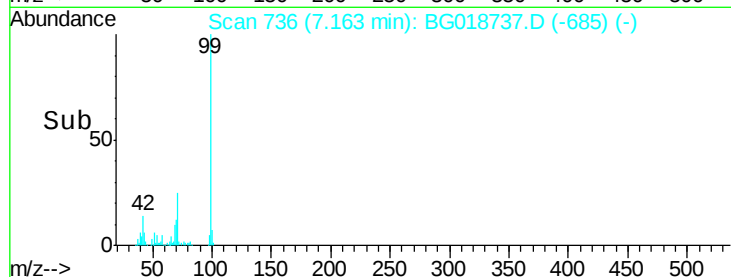
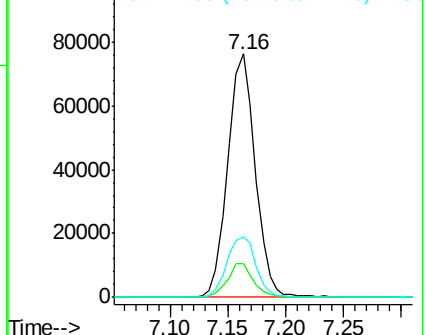
99 100

42 13.8 11.5 17.3

71 25.1 22.6 34.0



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: 10.80 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BG018737.D

Acq: 17 Sep 2015 14:16

Tgt Ion: 136 Resp: 187387

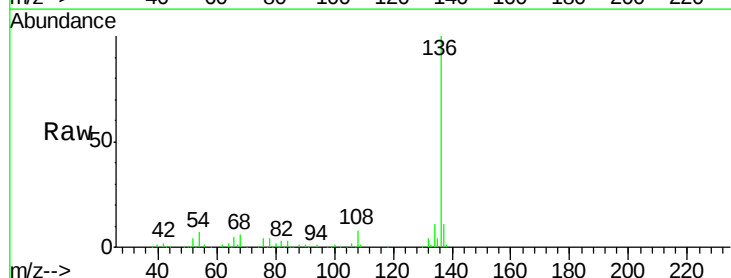
Ion Ratio Lower Upper

136 100

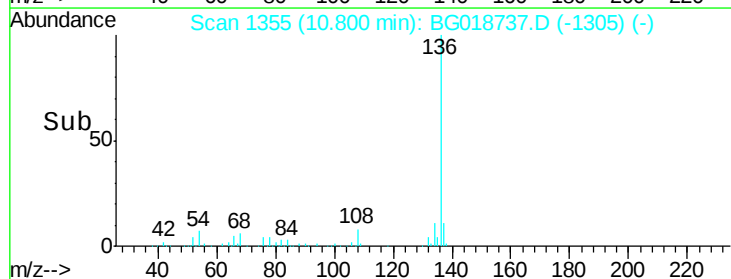
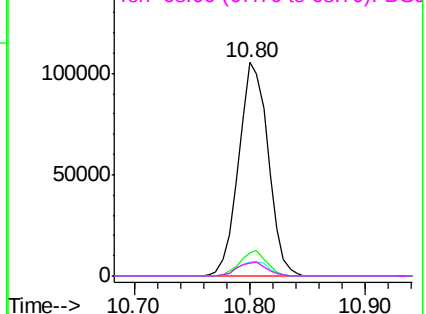
137 11.0 8.6 12.8

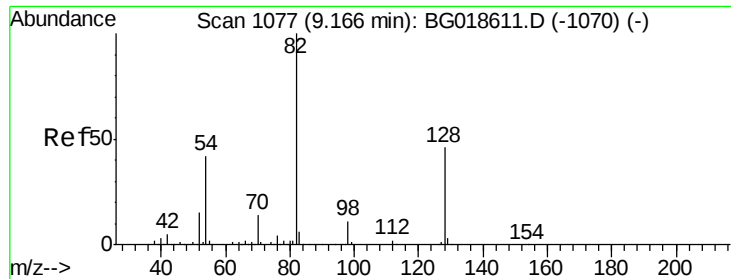
54 6.5 5.4 8.2

68 6.3 5.3 7.9



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

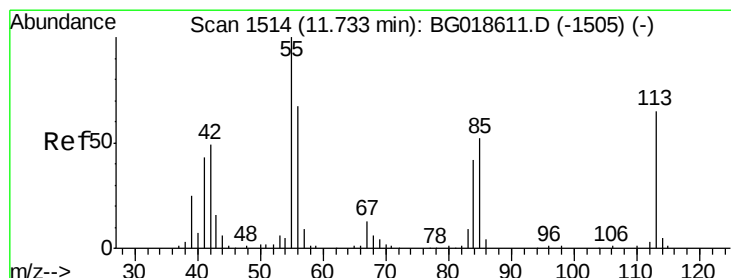
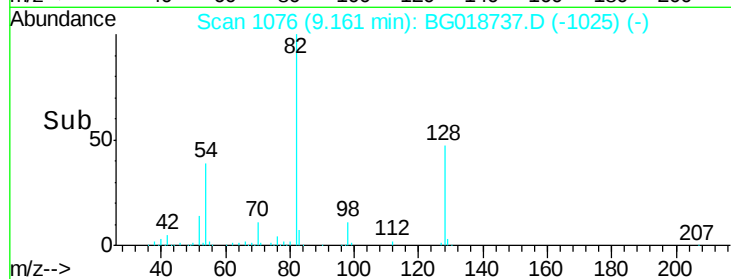
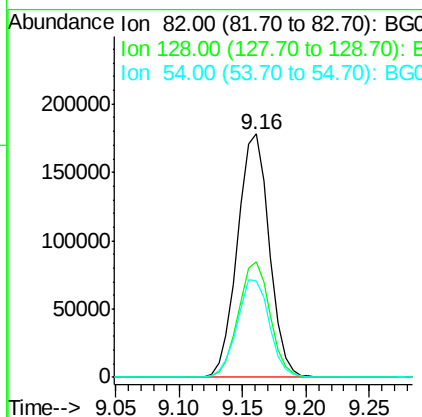
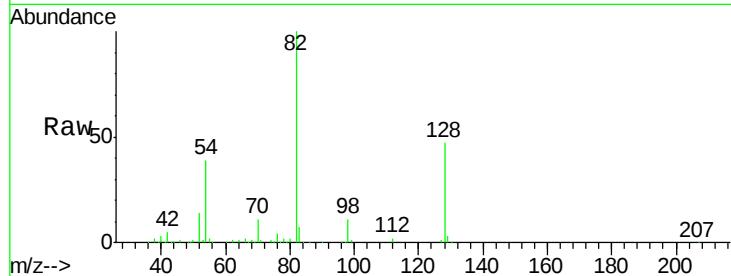




#23
 Nitrobenzene-d5
 Concen: 92.65 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: BG018737.D
 Acq: 17 Sep 2015 14:16

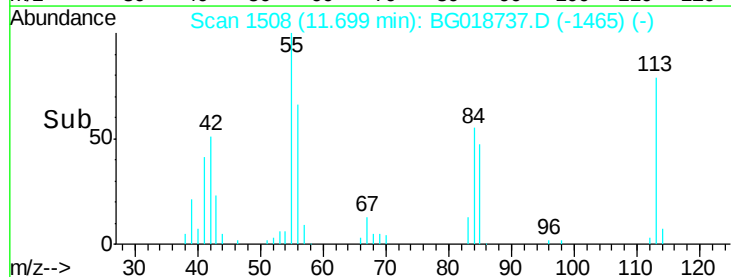
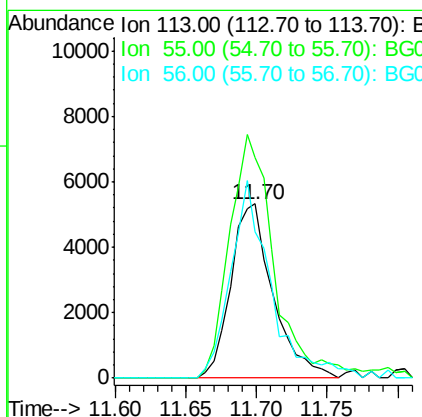
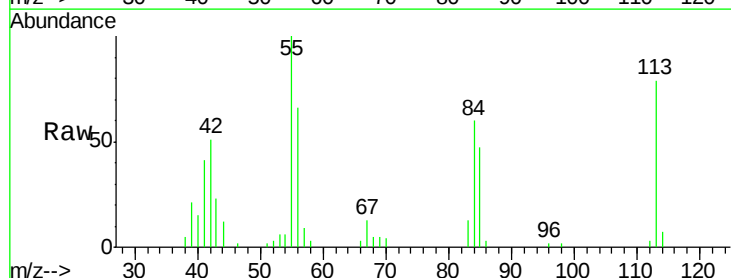
Instrument :
 BNA_G
 ClientSampleId :
 CPS043031

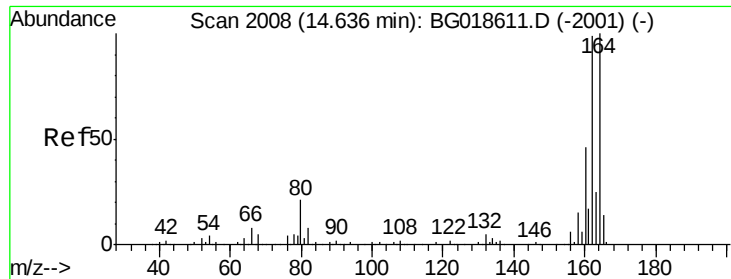
Tot Ion: 82 Resp: 310273
 Ion Ratio Lower Upper
 82 100
 128 47.3 36.7 55.1
 54 39.4 33.8 50.8



#35
 Caprolactam
 Concen: 8.51 ng
 RT: 11.70 min Scan# 1508
 Delta R.T. -0.05 min
 Lab File: BG018737.D
 Acq: 17 Sep 2015 14:16

Tgt Ion: 113 Resp: 11144
 Ion Ratio Lower Upper
 113 100
 55 126.5 135.0 175.0#
 56 84.0 83.4 123.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.62 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BG018737.D

Acq: 17 Sep 2015 14:16

Instrument :

BNA_G

ClientSampleId :

CPS043031

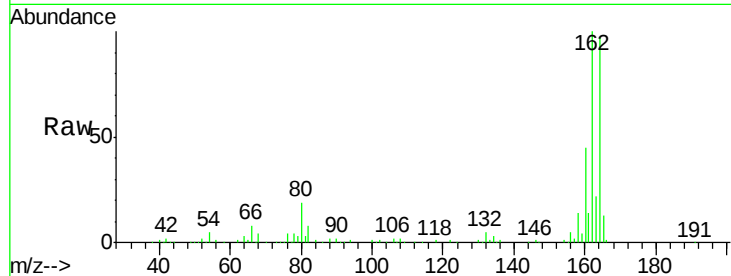
Tot Ion:164 Resp: 135919

Ion Ratio Lower Upper

164 100

162 103.6 78.8 118.2

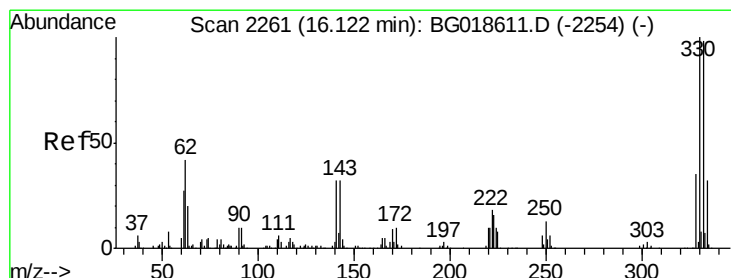
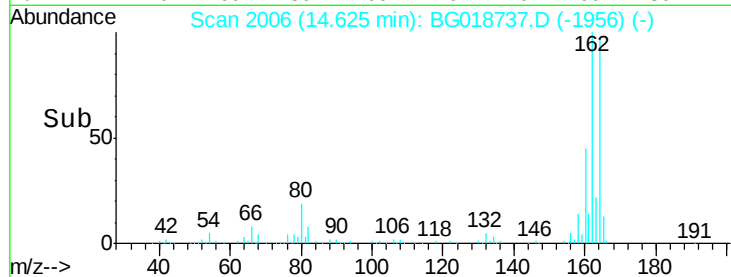
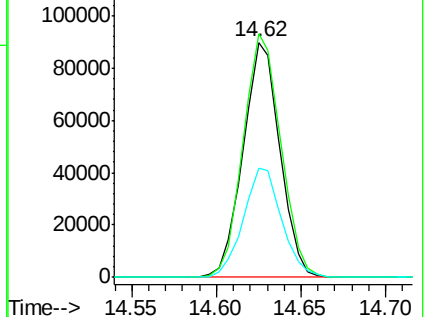
160 46.4 36.4 54.6



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: 144.85 ng

RT: 16.11 min Scan# 2259

Delta R.T. -0.01 min

Lab File: BG018737.D

Acq: 17 Sep 2015 14:16

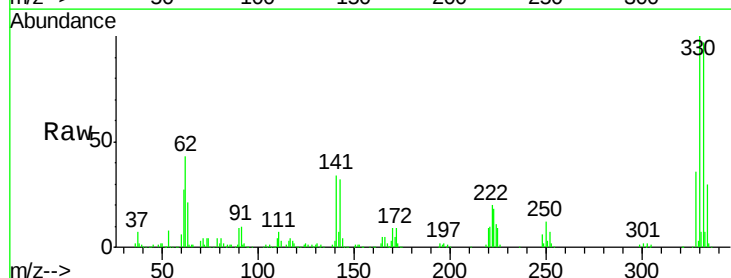
Tgt Ion:330 Resp: 265102

Ion Ratio Lower Upper

330 100

332 96.6 78.1 117.1

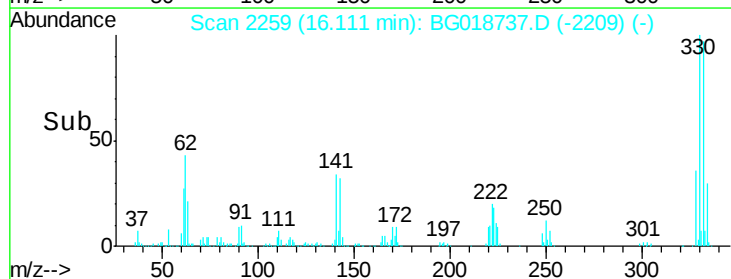
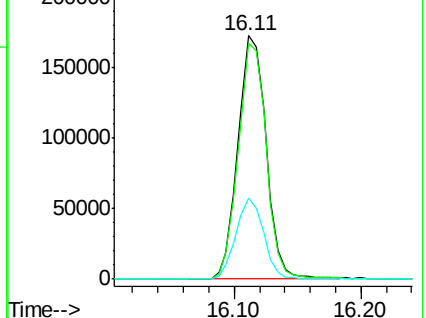
141 33.1 28.2 42.2



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

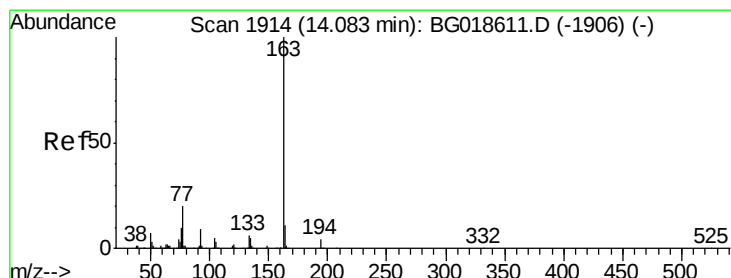
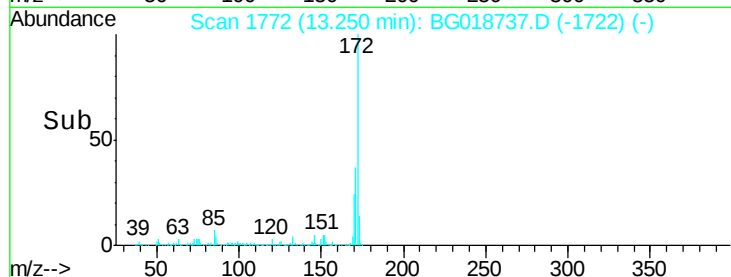
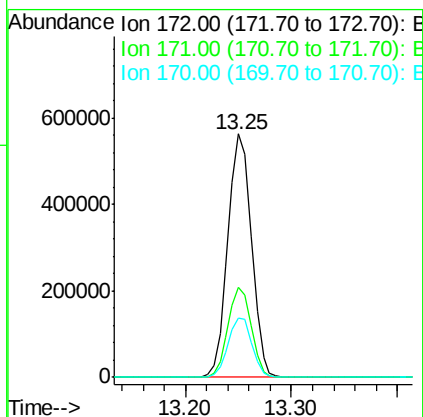
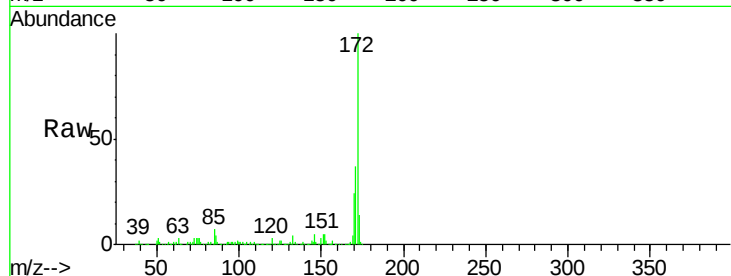




#44
2-Fluorobiphenyl
Concen: 88.88 ng
RT: 13.25 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG018737.D
Acq: 17 Sep 2015 14:16

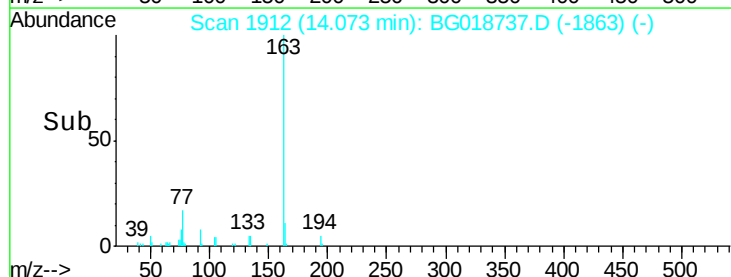
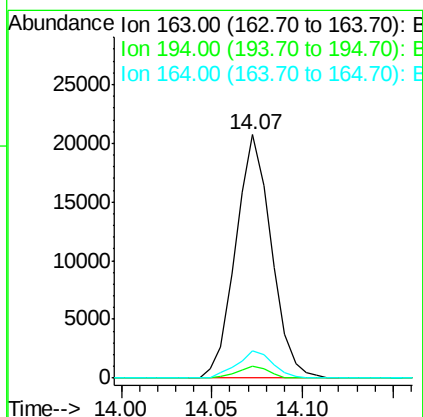
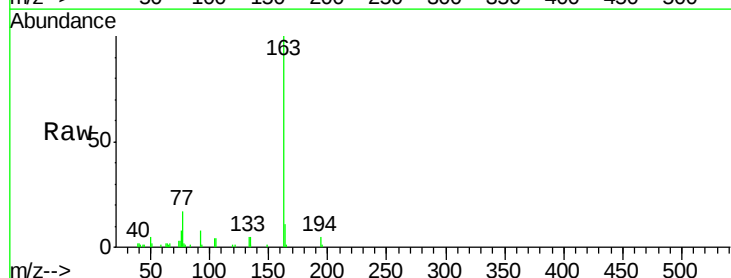
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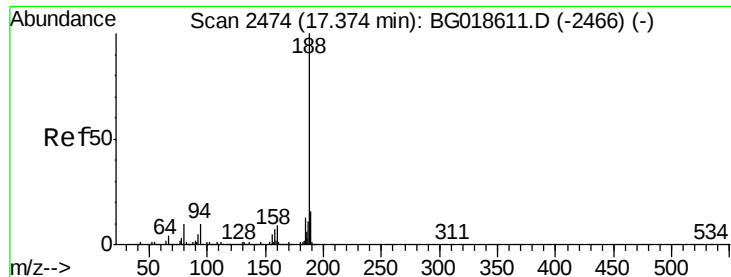
Tot Ion:172	Resp:	870196
Ion	Ratio	Lower Upper
172	100	
171	36.9	29.0 43.6
170	24.3	19.9 29.9



#49
Dimethylphthalate
Concen: 2.52 ng
RT: 14.07 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BG018737.D
Acq: 17 Sep 2015 14:16

Tgt Ion:163	Resp:	28337
Ion	Ratio	Lower Upper
163	100	
194	5.0	3.1 4.7#
164	11.0	8.8 13.2

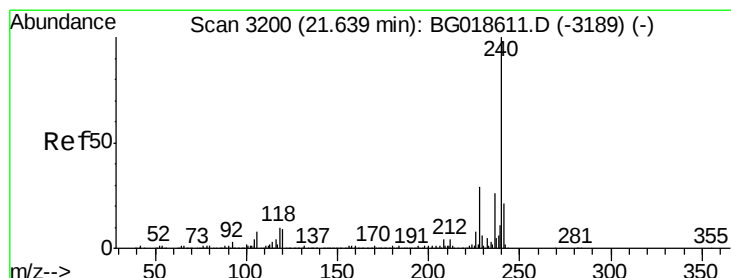
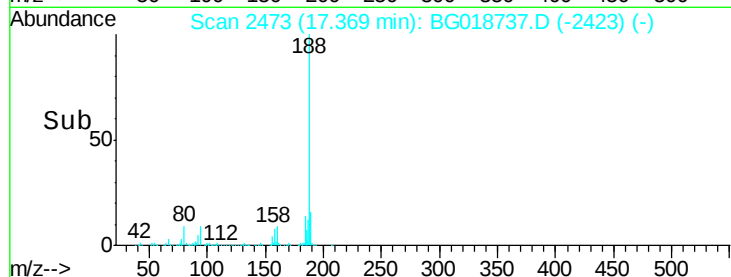
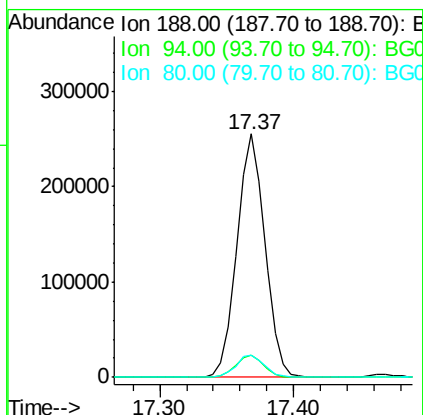
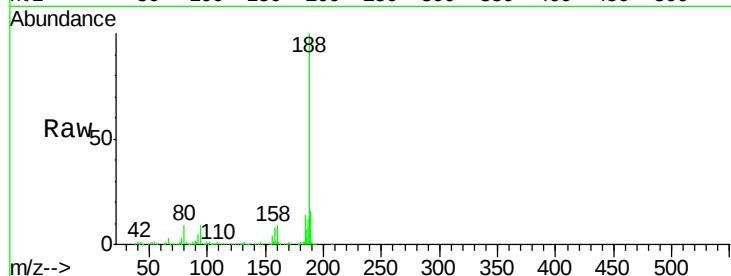




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2473
Delta R.T. -0.01 min
Lab File: BG018737.D
Acq: 17 Sep 2015 14:16

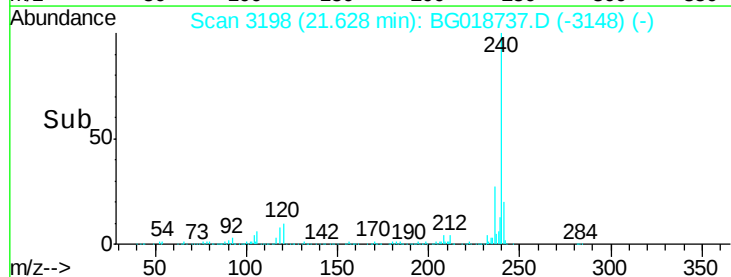
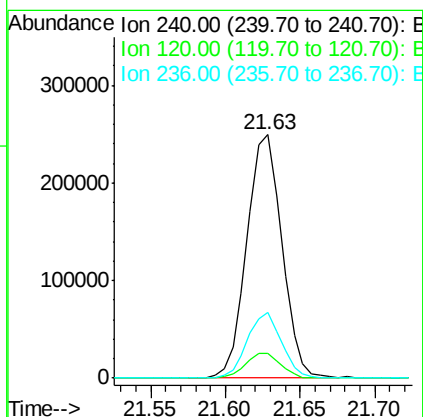
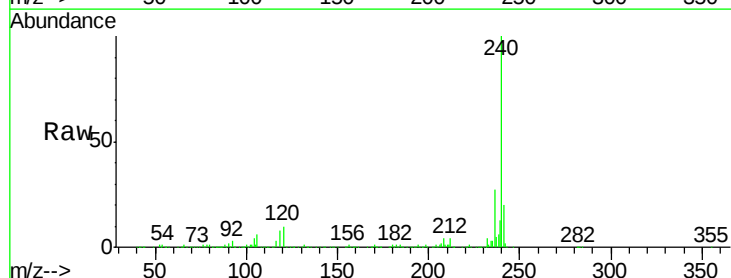
Instrument :
BNA_G
ClientSampleId :
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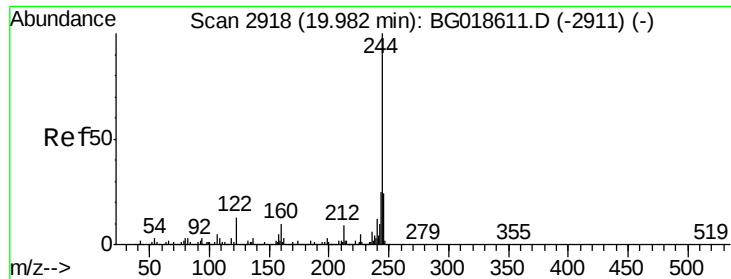
Tot Ion:188 Resp: 369688
Ion Ratio Lower Upper
188 100
94 9.3 7.7 11.5
80 9.0 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3198
Delta R.T. -0.01 min
Lab File: BG018737.D
Acq: 17 Sep 2015 14:16

Tgt Ion:240 Resp: 405416
Ion Ratio Lower Upper
240 100
120 10.0 7.4 11.0
236 26.9 20.7 31.1





#78

Terphenyl-d14

Concen: 81.04 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.00 min

Lab File: BG018737.D

Acq: 17 Sep 2015 14:16

Instrument :

BNA_G

ClientSampleId :

CPS043031

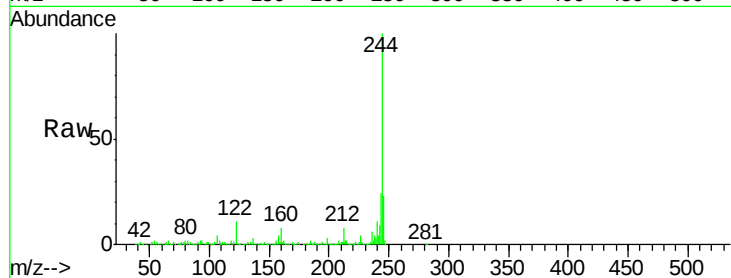
Tot Ion:244 Resp: 1251130

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

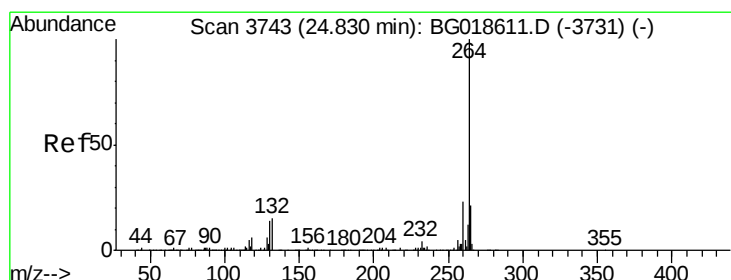
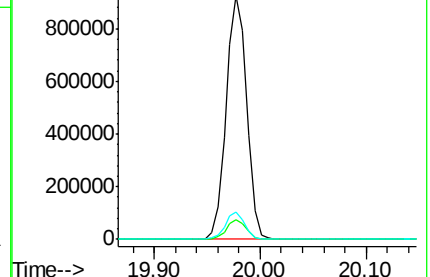
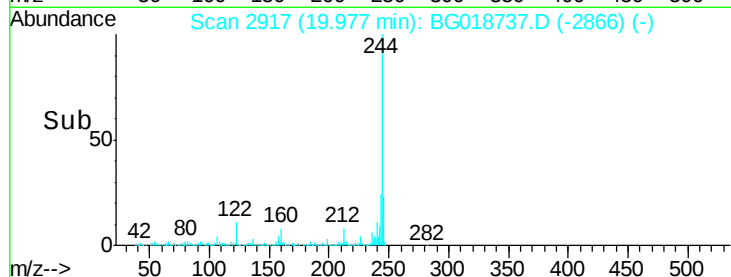
122 11.4 10.2 15.2



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: 24.81 min Scan# 3740

Delta R.T. -0.01 min

Lab File: BG018737.D

Acq: 17 Sep 2015 14:16

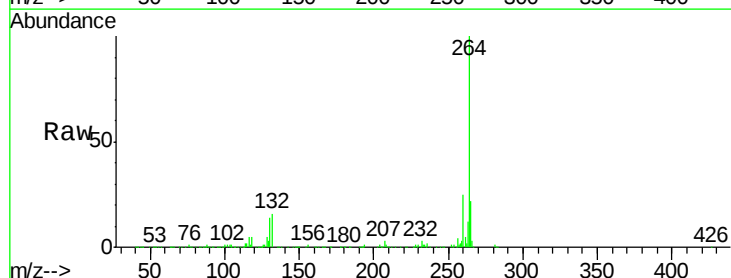
Tgt Ion:264 Resp: 400184

Ion Ratio Lower Upper

264 100

260 25.1 18.5 27.7

265 22.4 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

