

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
 Data File : BG037194.D
 Acq On : 5 Oct 2018 17:44
 Operator : JU/SJ
 Sample : J5263-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GRID19-COMP-100318

Quant Time: Oct 05 19:01:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

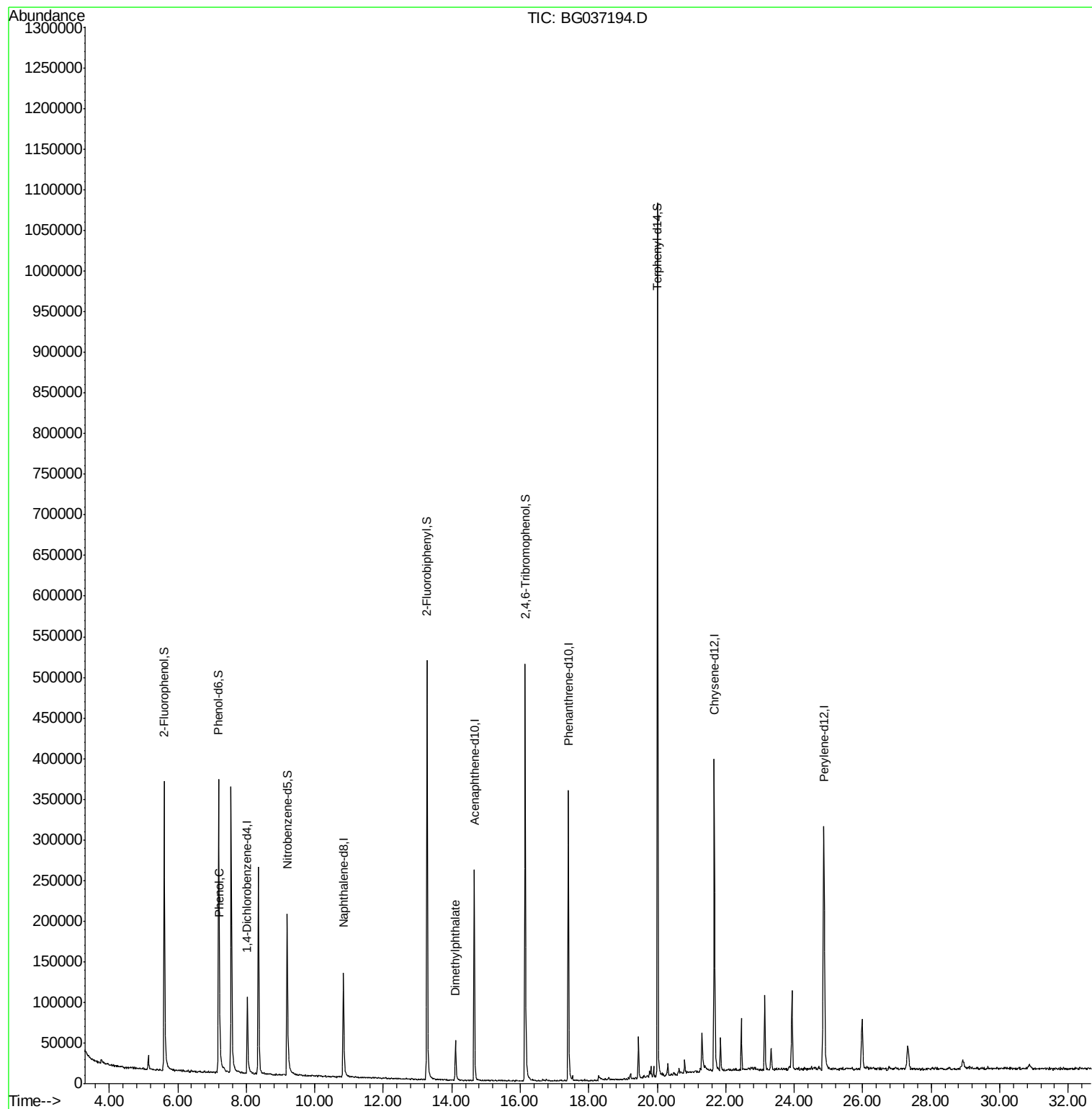
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	33126	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	140655	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	96728	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	254107	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	254257	20.00	ng	-0.02
86) Perylene-d12	24.86	264	257252	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	177036	102.49	ng	-0.02
7) Phenol-d6	7.19	99	255189	95.49	ng	-0.02
23) Nitrobenzene-d5	9.19	82	164909	62.79	ng	-0.02
41) 2,4,6-Tribromophenol	16.14	330	103355	89.31	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	306963	47.27	ng	-0.02
78) Terphenyl-d14	20.01	244	570988	59.05	ng	-0.02
Target Compounds						
10) Phenol	7.22	94	11221	4.068	ng	# 59
49) Dimethylphthalate	14.11	163	43327	5.565	ng	# 98

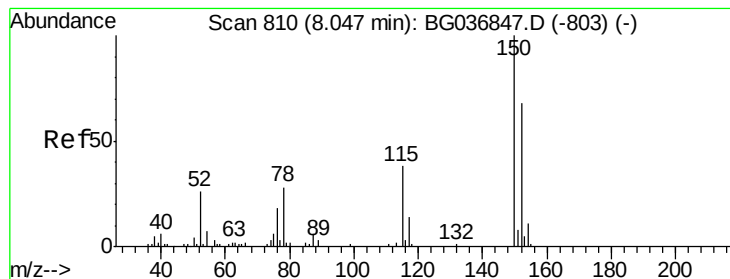
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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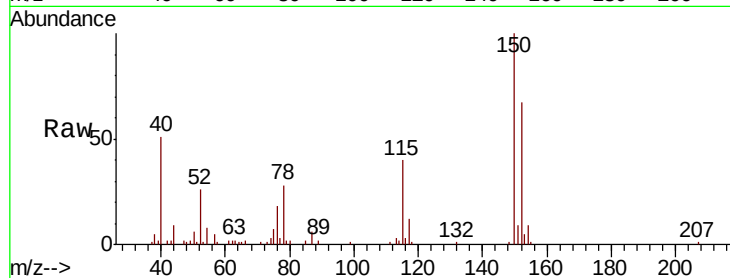


#1

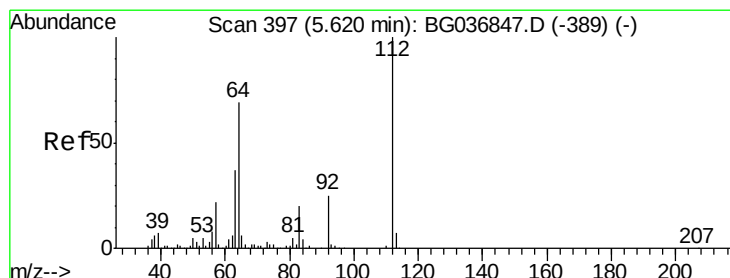
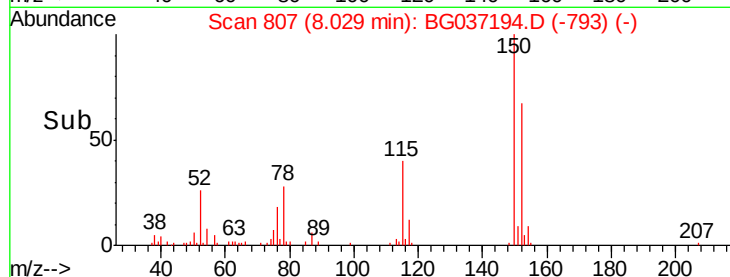
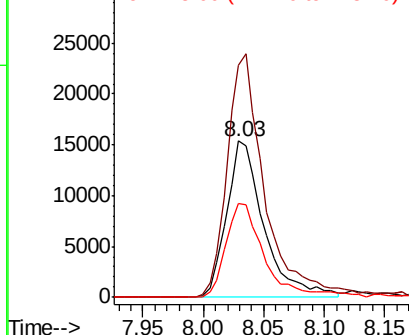
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG037194.D
Acq: 5 Oct 2018 17:44

Instrument :
BNA_G
ClientSampleId :
GRID19-COMP-100318

Tot Ion:152 Resp: 33126
Ion Ratio Lower Upper
152 100
150 148.7 119.5 179.3
115 59.8 44.5 66.7



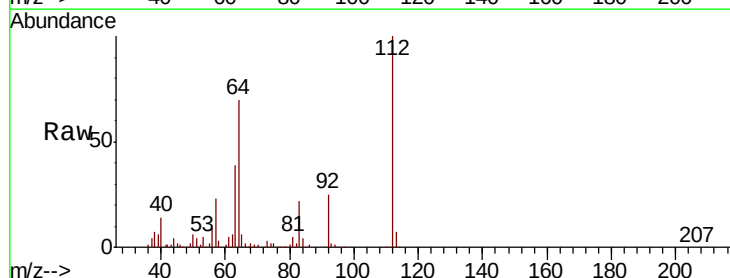
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



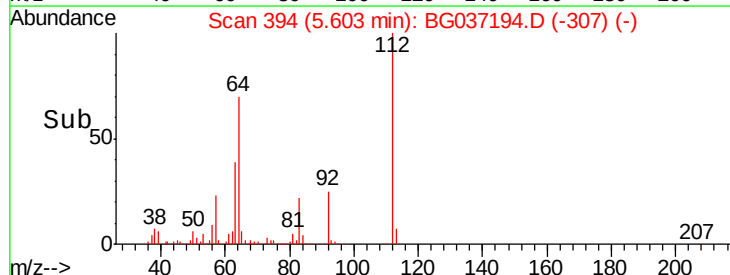
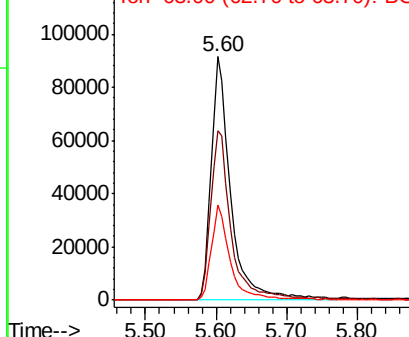
#5

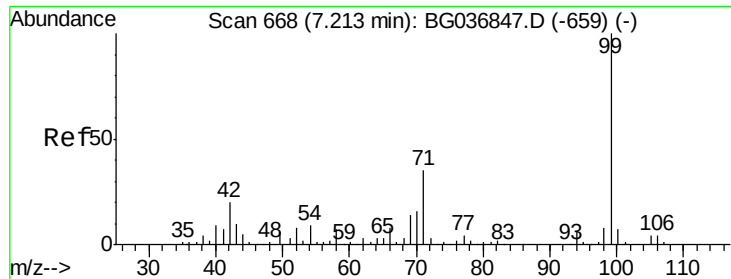
2-Fluorophenol
Concen: 102.492 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.02 min
Lab File: BG037194.D
Acq: 5 Oct 2018 17:44

Tgt Ion:112 Resp: 177036
Ion Ratio Lower Upper
112 100
64 69.8 57.2 85.8
63 38.9 30.8 46.2



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: 95.489 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.02 min

Lab File: BG037194.D

Acq: 5 Oct 2018 17:44

Instrument :

BNA_G

ClientSampleId :

GRID19-COMP-100318

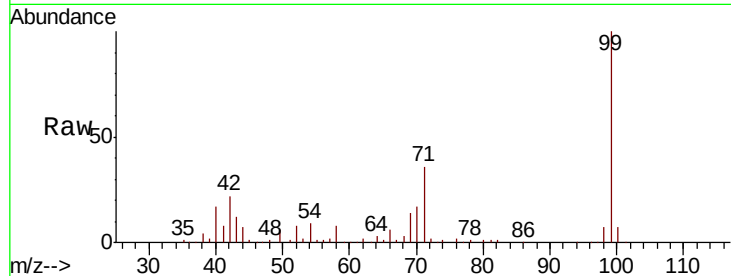
Tot Ion: 99 Resp: 255189

Ion Ratio Lower Upper

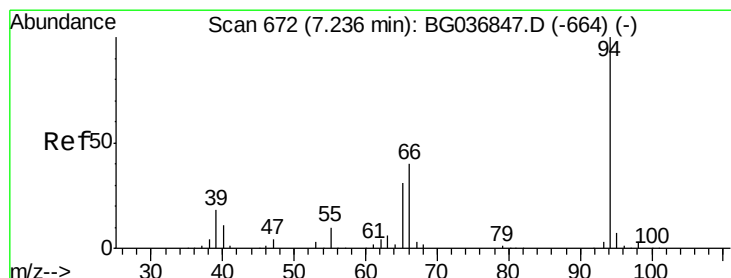
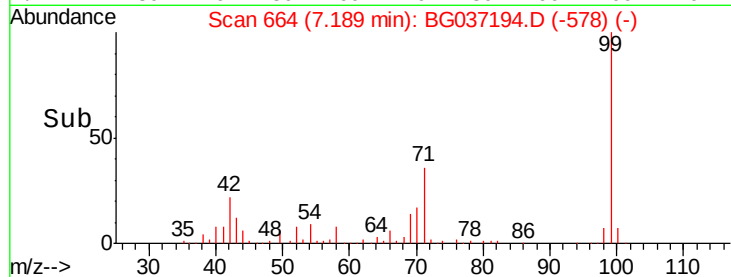
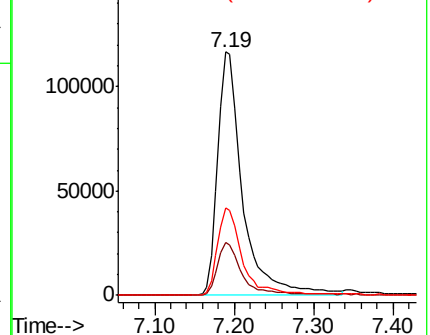
99 100

42 21.8 16.5 24.7

71 36.2 29.4 44.2



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: 4.068 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.02 min

Lab File: BG037194.D

Acq: 5 Oct 2018 17:44

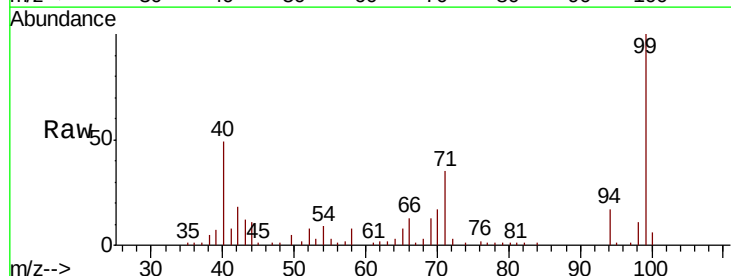
Tgt Ion: 94 Resp: 11221

Ion Ratio Lower Upper

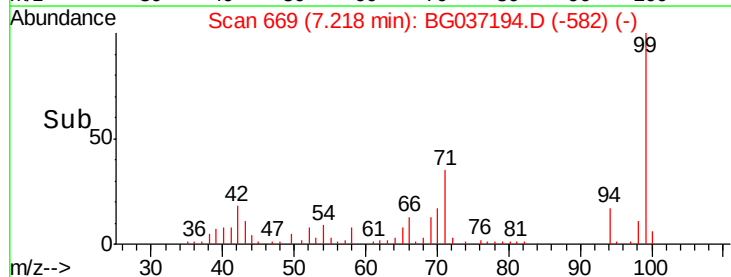
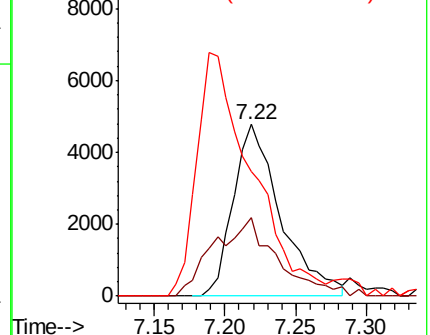
94 100

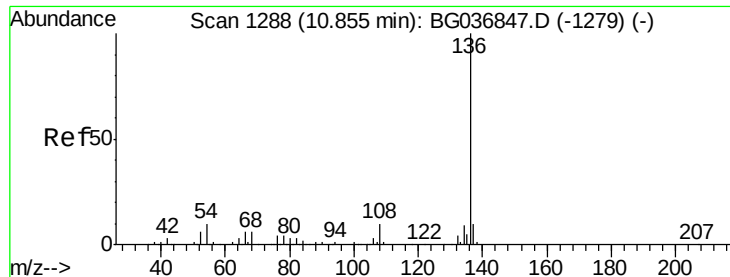
65 45.7 11.5 51.5

66 72.3 19.5 59.5#



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

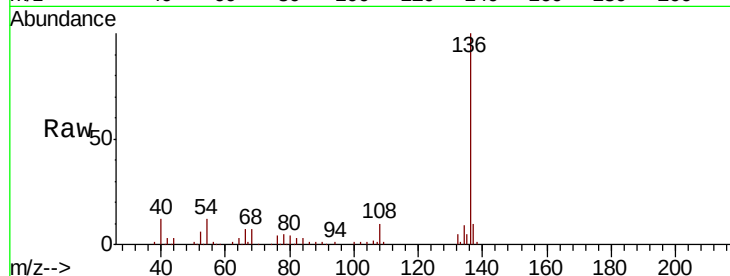




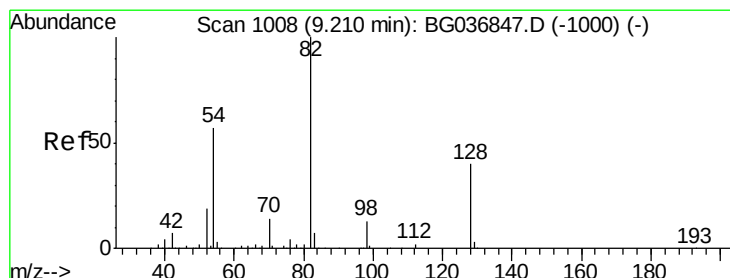
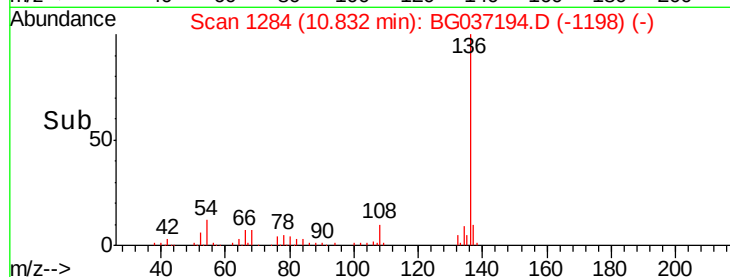
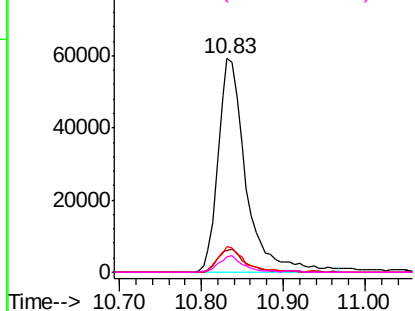
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG037194.D
Acq: 5 Oct 2018 17:44

Instrument :
BNA_G
ClientSampleId :
GRID19-COMP-100318

Tot Ion:136	Resp:	140655
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.8 13.2
54	11.7	9.2 13.8
68	7.1	5.8 8.6

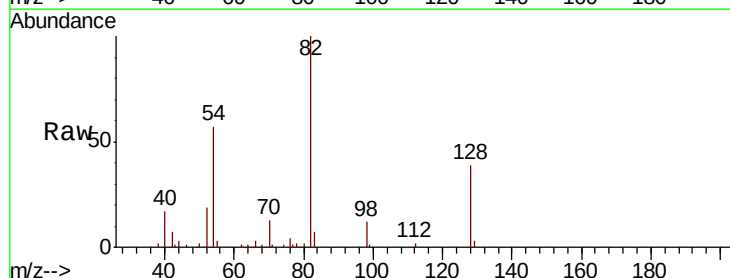


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

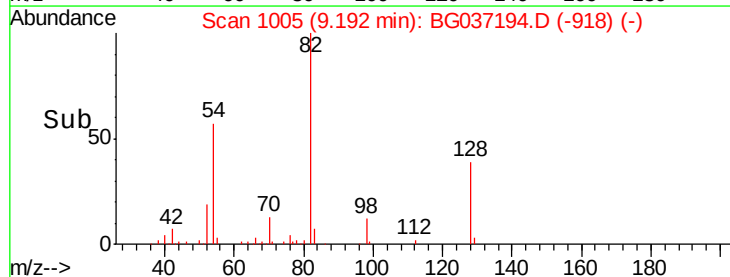
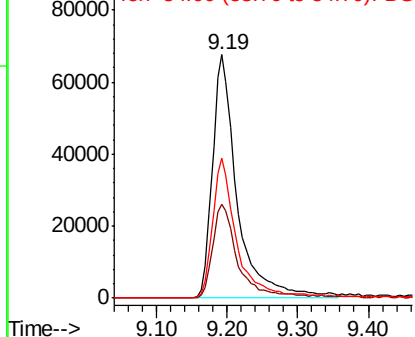


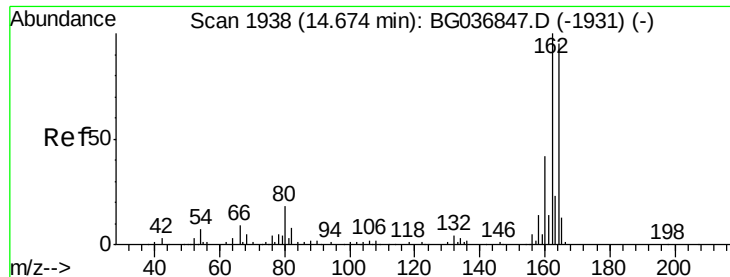
#23
Nitrobenzene-d5
Concen: 62.785 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037194.D
Acq: 5 Oct 2018 17:44

Tgt Ion: 82	Resp:	164909
Ion	Ratio	Lower Upper
82	100	
128	38.5	33.3 49.9
54	57.5	45.1 67.7



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: 20.000 ng

RT: 14.66 min Scan# 1935

Delta R.T. -0.02 min

Lab File: BG037194.D

Acq: 5 Oct 2018 17:44

Instrument :

BNA_G

ClientSampleId :

GRID19-COMP-100318

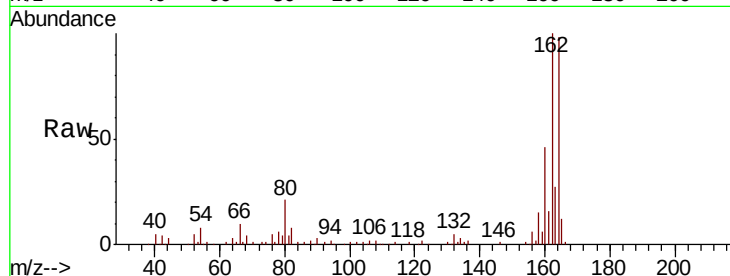
Tot Ion:164 Resp: 96728

Ion Ratio Lower Upper

164 100

162 101.7 80.7 121.1

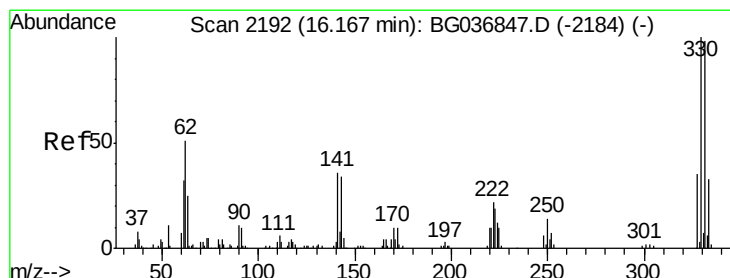
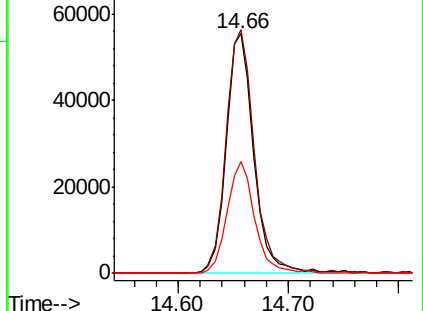
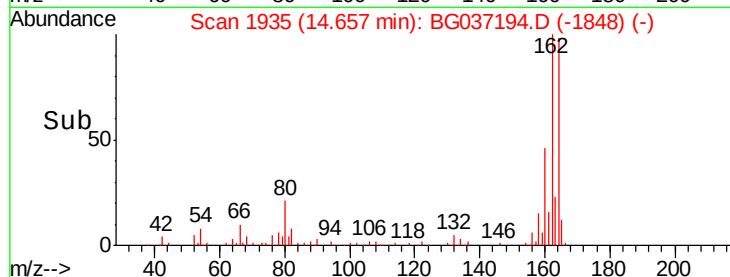
160 46.9 35.3 52.9



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: 89.308 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.02 min

Lab File: BG037194.D

Acq: 5 Oct 2018 17:44

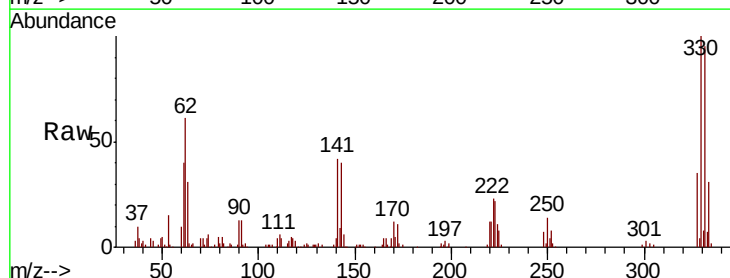
Tgt Ion:330 Resp: 103355

Ion Ratio Lower Upper

330 100

332 96.4 75.4 113.2

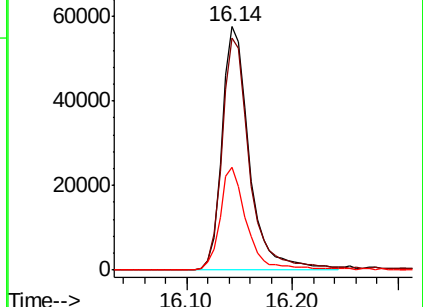
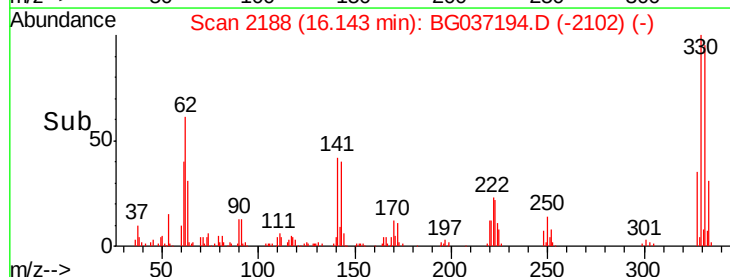
141 41.0 30.7 46.1

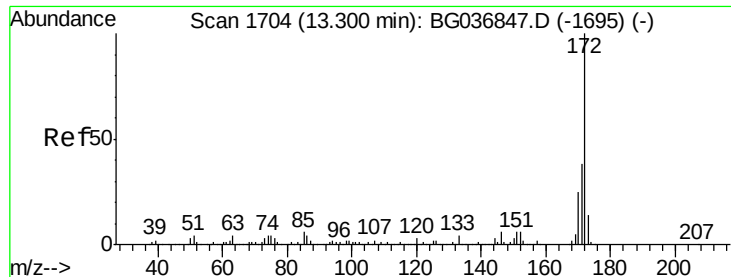


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

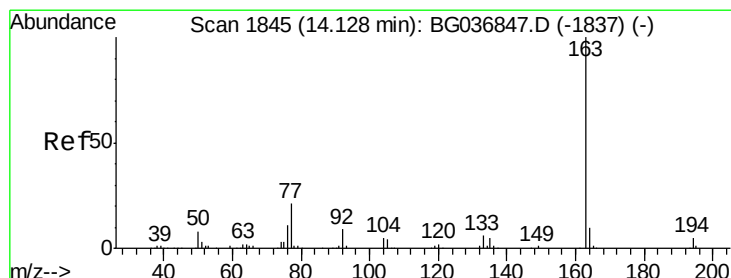
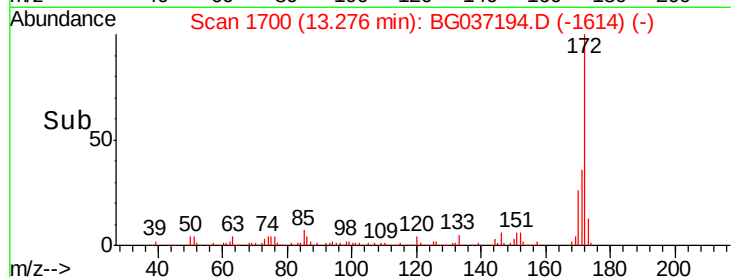
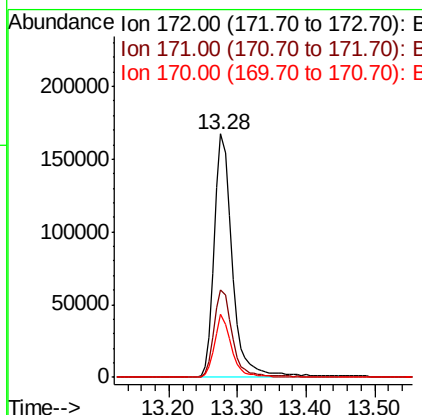
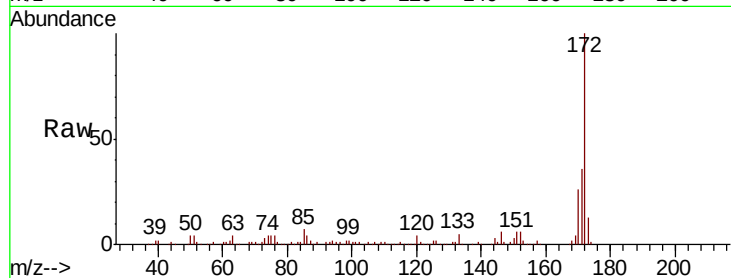




#44
2-Fluorobiphenyl
Concen: 47.265 ng
RT: 13.28 min Scan# 1700
Delta R.T. -0.02 min
Lab File: BG037194.D
Acq: 5 Oct 2018 17:44

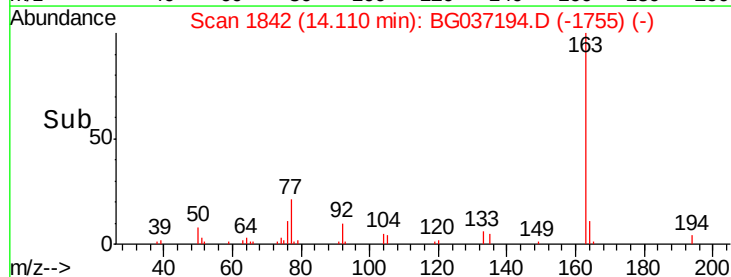
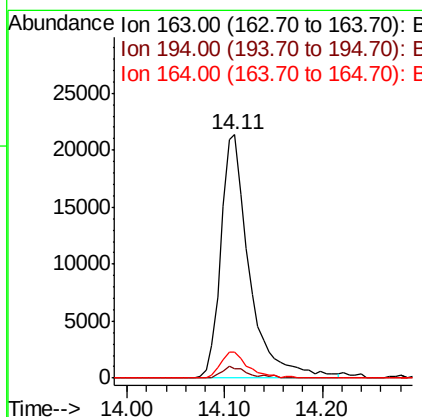
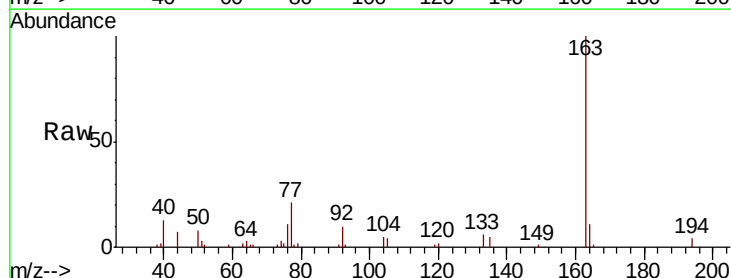
Instrument :
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GRID19-COMP-100318

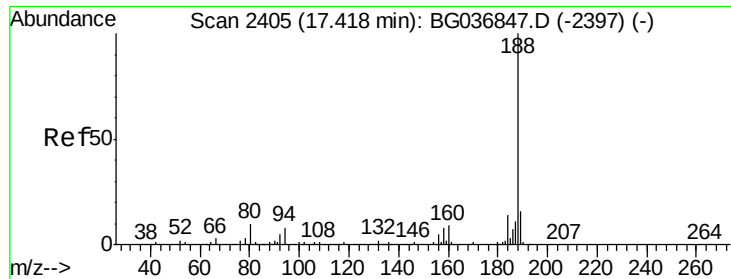
Tot Ion:172 Resp: 306963
Ion Ratio Lower Upper
172 100
171 36.1 31.3 46.9
170 26.0 21.0 31.6



#49
Dimethylphthalate
Concen: 5.565 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.02 min
Lab File: BG037194.D
Acq: 5 Oct 2018 17:44

Tgt Ion:163 Resp: 43327
Ion Ratio Lower Upper
163 100
194 3.8 4.0 6.0#
164 10.7 8.1 12.1

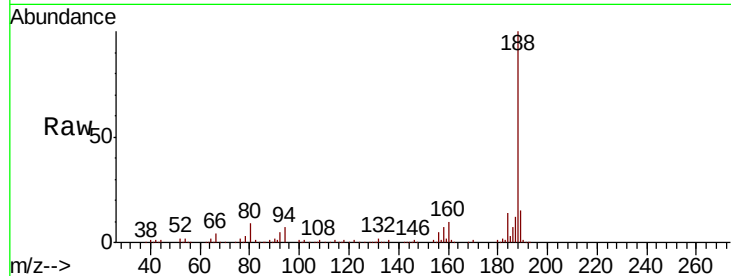




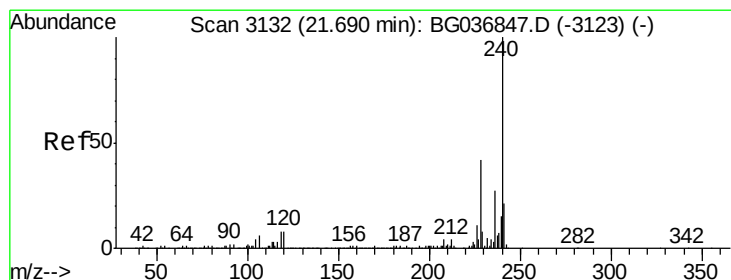
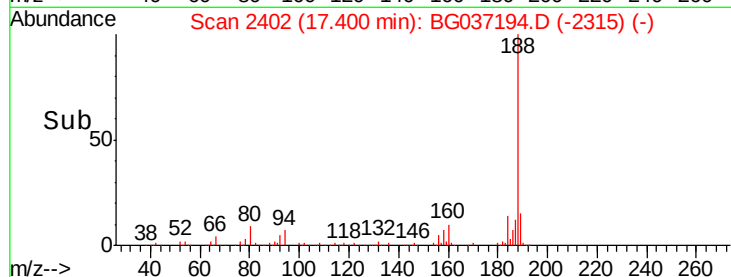
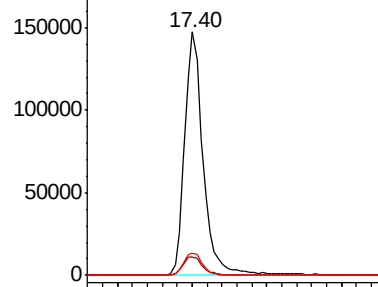
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BG037194.D
Acq: 5 Oct 2018 17:44

Instrument :
BNA_G
ClientSampleId :
GRID19-COMP-100318

Tot Ion:188 Resp: 254107
Ion Ratio Lower Upper
188 100
94 7.3 6.7 10.1
80 9.2 8.1 12.1

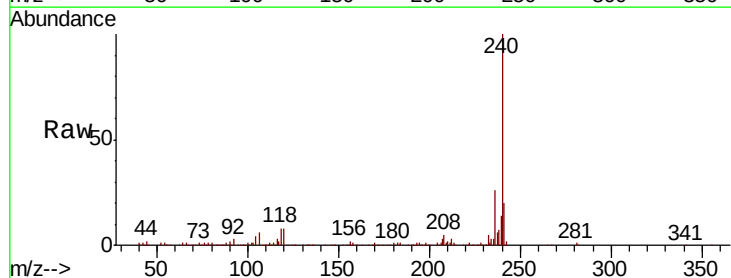


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

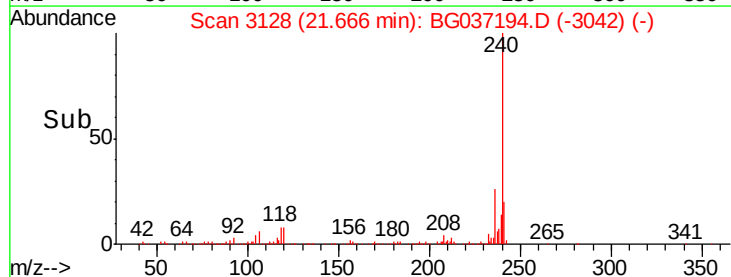
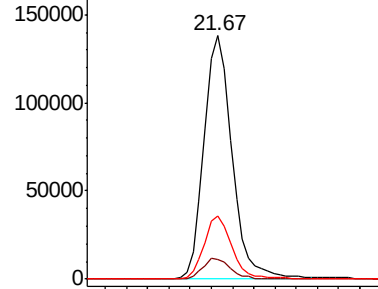


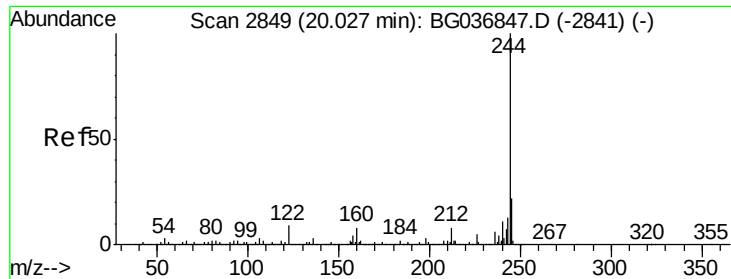
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG037194.D
Acq: 5 Oct 2018 17:44

Tgt Ion:240 Resp: 254257
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 25.8 21.2 31.8



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: 59.051 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BG037194.D

Acq: 5 Oct 2018 17:44

Instrument :

BNA_G

ClientSampleId :

GRID19-COMP-100318

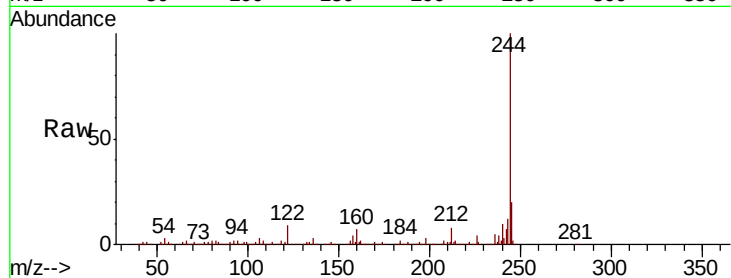
Tot Ion:244 Resp: 570988

Ion Ratio Lower Upper

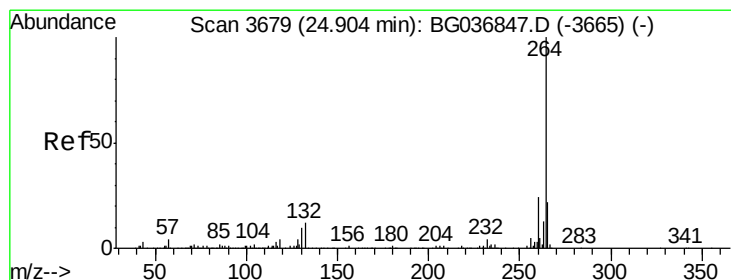
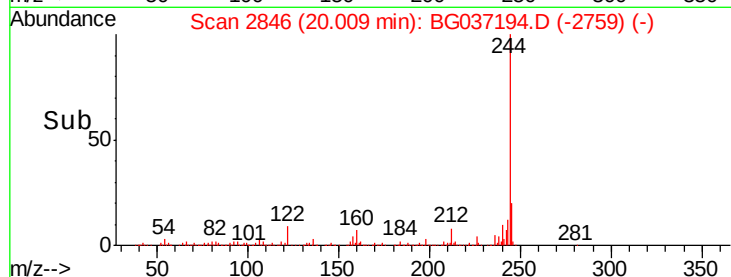
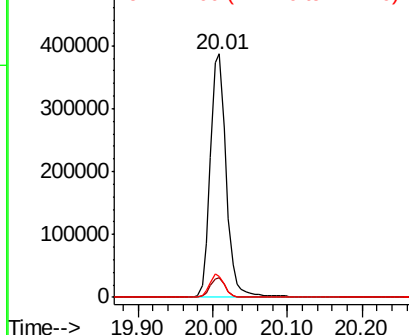
244 100

212 7.9 7.0 10.6

122 8.6 7.1 10.7



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: 20.000 ng

RT: 24.86 min Scan# 3672

Delta R.T. -0.04 min

Lab File: BG037194.D

Acq: 5 Oct 2018 17:44

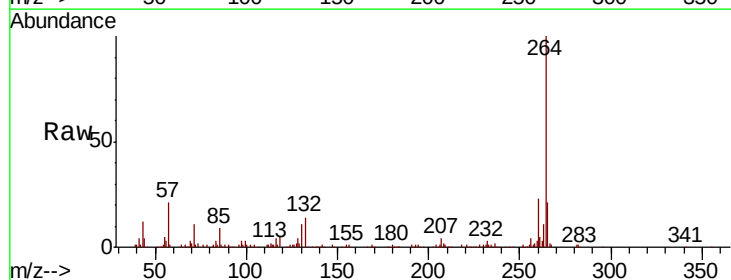
Tgt Ion:264 Resp: 257252

Ion Ratio Lower Upper

264 100

260 22.8 19.6 29.4

265 20.9 17.4 26.0



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

