

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
 Data File : BG038666.D
 Acq On : 17 Dec 2018 17:03
 Operator : JU/SJ
 Sample : J6378-21
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS001-1824-01

Quant Time: Dec 18 03:29:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

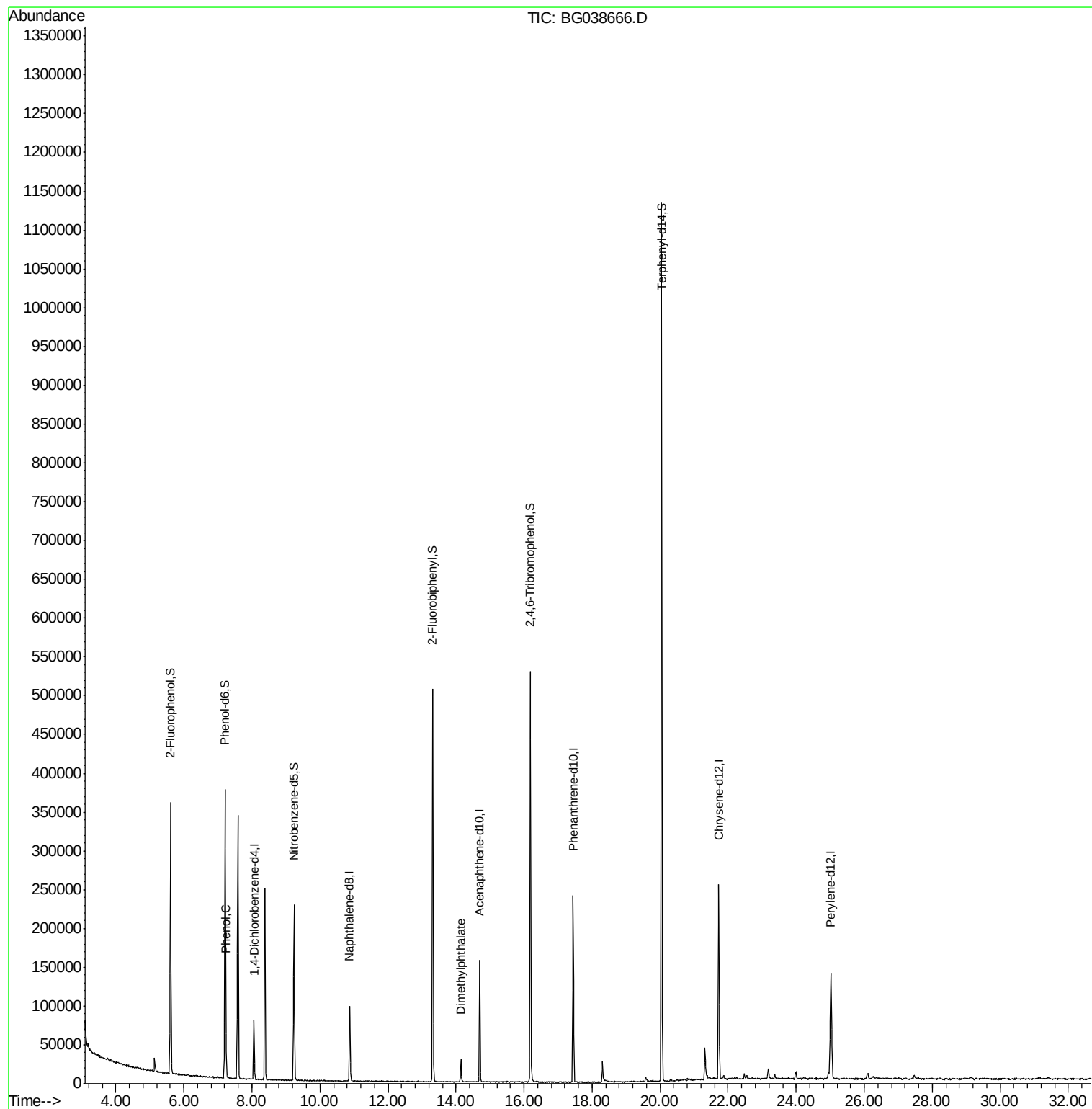
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	20917	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	85671	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	58002	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	154828	20.00	ng	0.00
76) Chrysene-d12	21.72	240	161584	20.00	ng	0.00
87) Perylene-d12	25.02	264	172331	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	146314	124.07	ng	0.00
7) Phenol-d6	7.21	99	200311	123.73	ng	0.00
23) Nitrobenzene-d5	9.23	82	132568	79.05	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	101602	127.10	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	280298	66.30	ng	0.00
79) Terphenyl-d14	20.05	244	551760	74.32	ng	0.00
Target Compounds						
10) Phenol	7.24	94	12083	7.025	ng	94
50) Dimethylphthalate	14.14	163	21832	4.609	ng	96

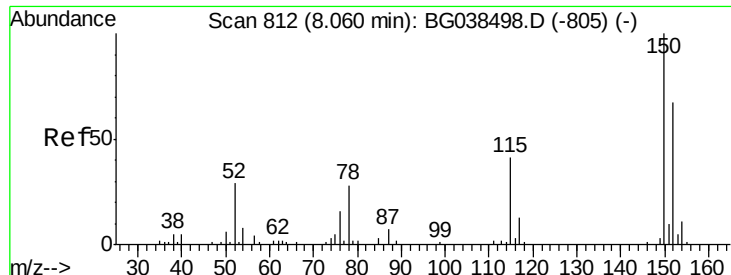
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG038666.D

Acq: 17 Dec 2018 17:03

Instrument :

BNA_G

ClientSampleId :

P001-SS001-1824-01

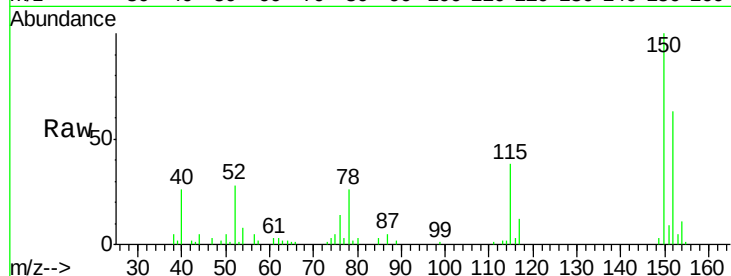
Tgt Ion:152 Resp: 20917

Ion Ratio Lower Upper

152 100

150 157.9 119.5 179.3

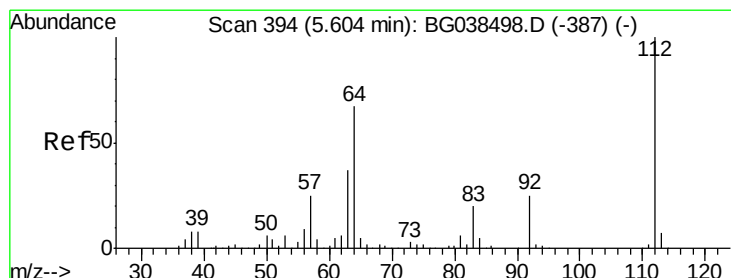
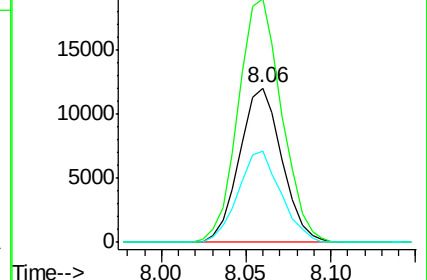
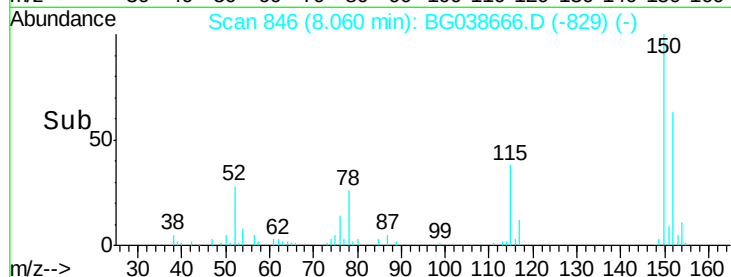
115 59.4 49.6 74.4



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: 124.067 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038666.D

Acq: 17 Dec 2018 17:03

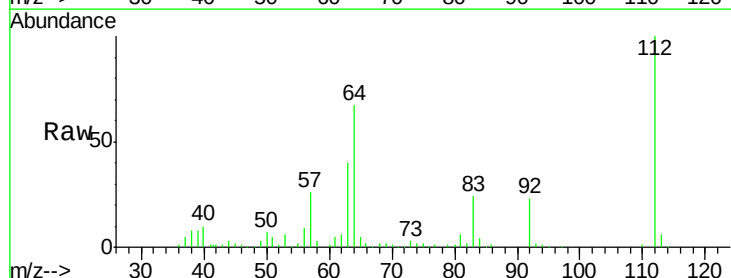
Tgt Ion:112 Resp: 146314

Ion Ratio Lower Upper

112 100

64 66.5 53.4 80.2

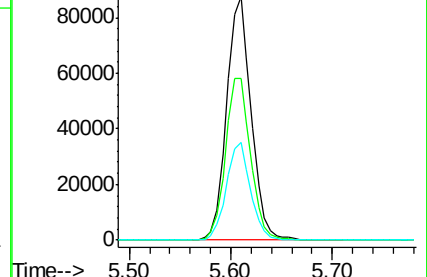
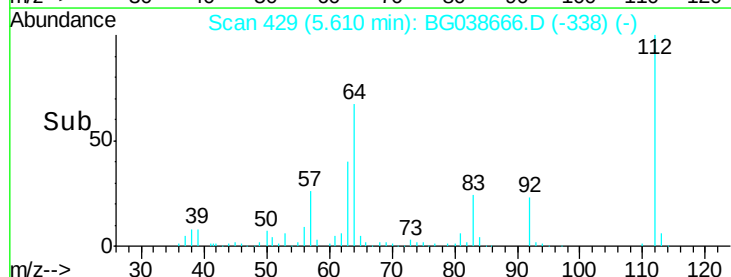
63 40.2 29.3 43.9

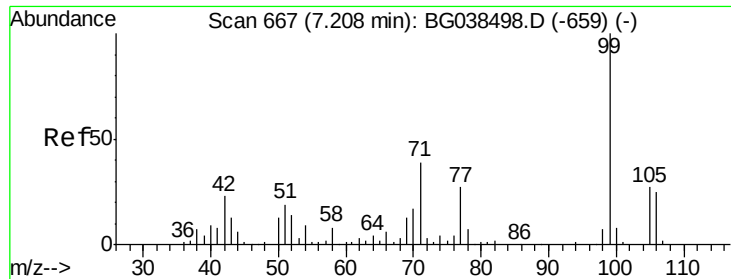


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 123.727 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038666.D

Acq: 17 Dec 2018 17:03

Instrument :

BNA_G

ClientSampleId :

P001-SS001-1824-01

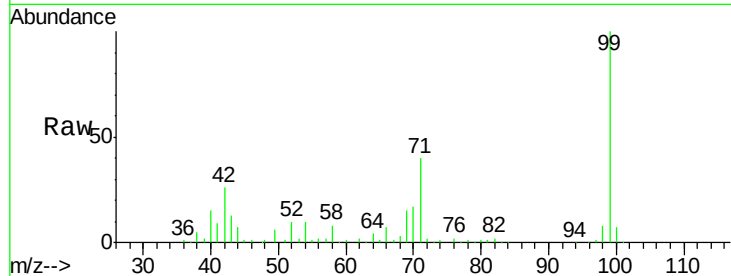
Tgt Ion: 99 Resp: 200311

Ion Ratio Lower Upper

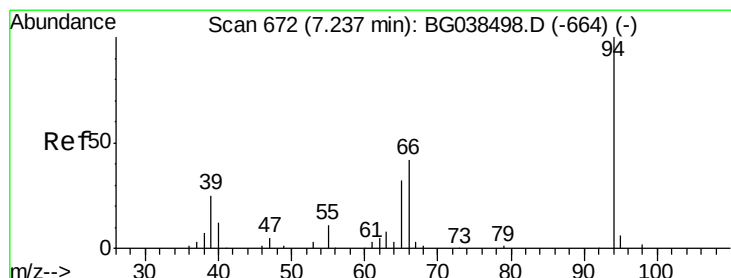
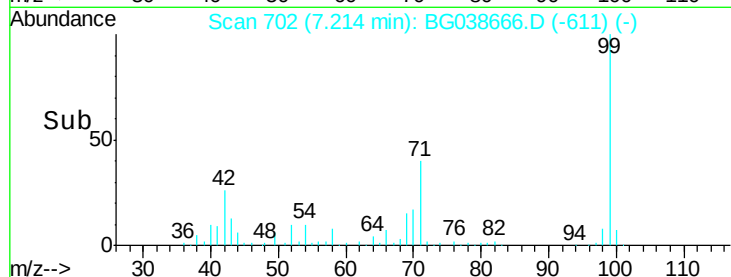
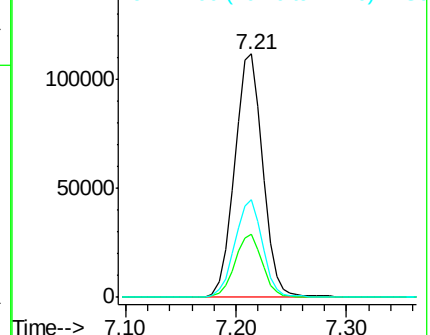
99 100

42 25.7 18.5 27.7

71 40.1 31.1 46.7



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: 7.025 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG038666.D

Acq: 17 Dec 2018 17:03

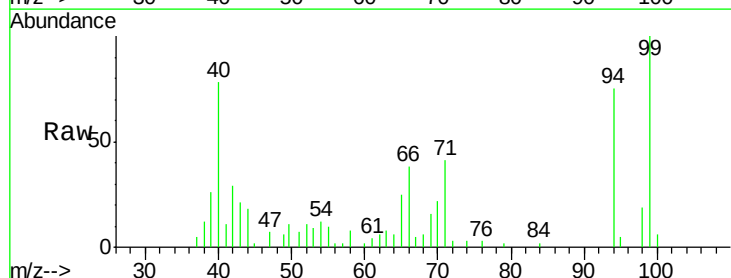
Tgt Ion: 94 Resp: 12083

Ion Ratio Lower Upper

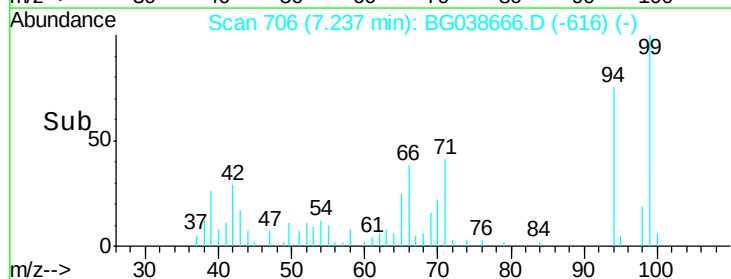
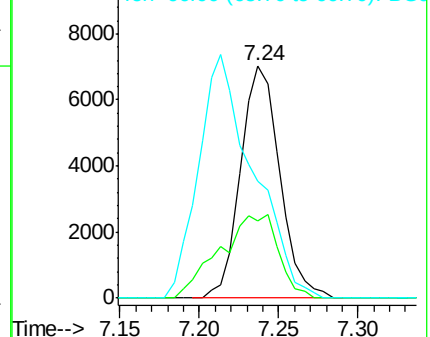
94 100

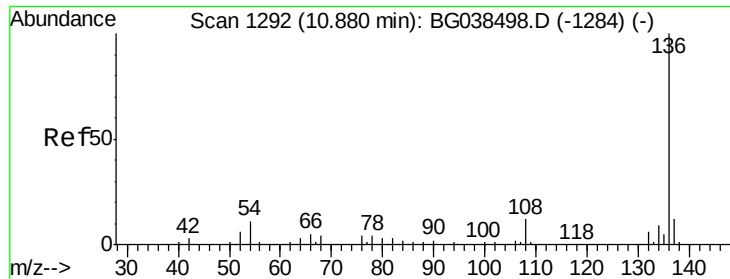
65 33.4 12.6 52.6

66 50.2 24.1 64.1



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

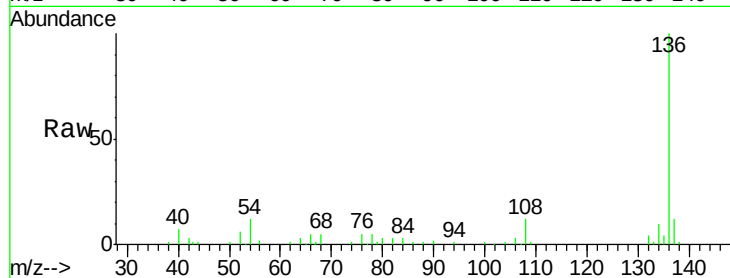




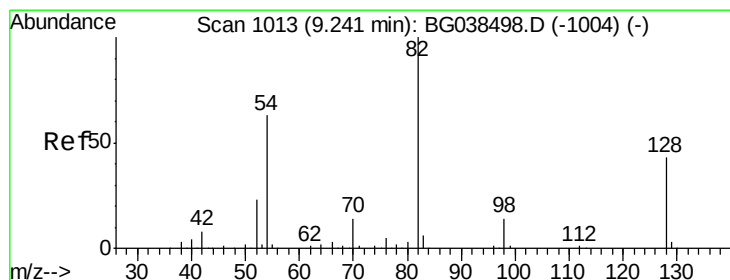
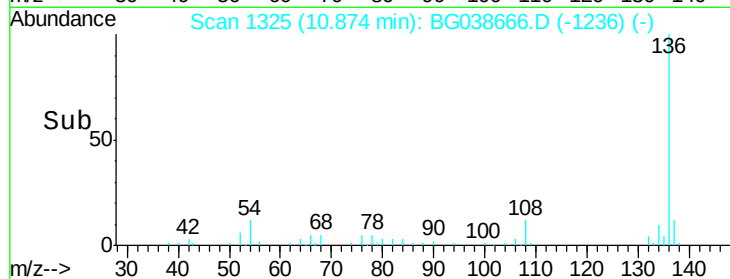
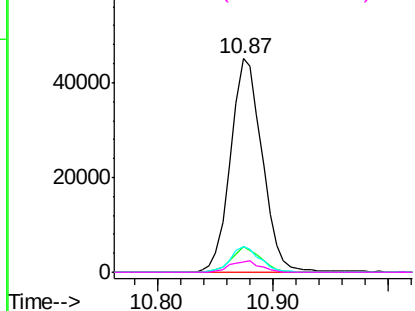
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038666.D
Acq: 17 Dec 2018 17:03

Instrument :
BNA_G
ClientSampleId :
P001-SS001-1824-01

Tgt Ion:	136	Resp:	85671
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.3	13.9
54	11.7	8.5	12.7
68	4.7	3.5	5.3

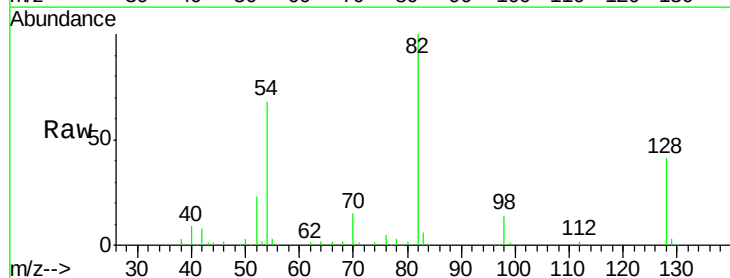


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

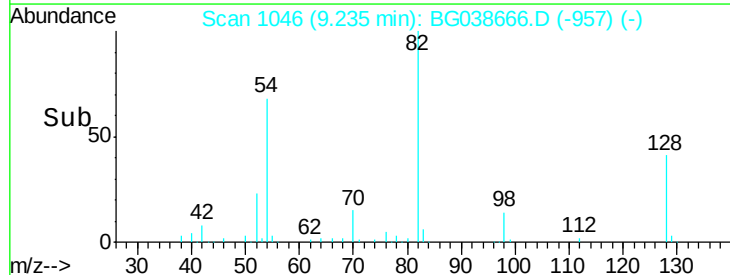
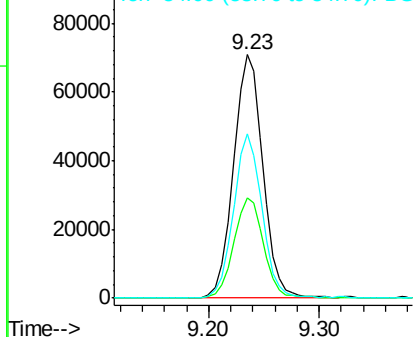


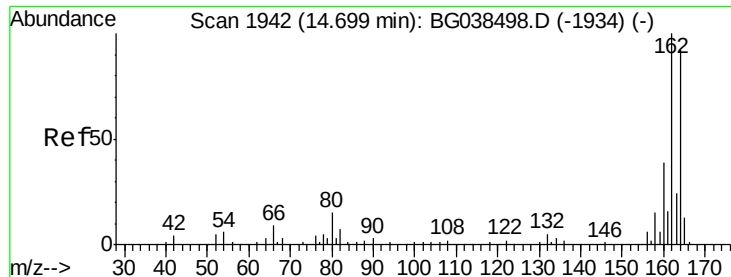
#23
Nitrobenzene-d5
Concen: 79.053 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038666.D
Acq: 17 Dec 2018 17:03

Tgt Ion:	82	Resp:	132568
Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.6	52.0
54	67.6	50.6	76.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038666.D

Acq: 17 Dec 2018 17:03

Instrument :

BNA_G

ClientSampleId :

P001-SS001-1824-01

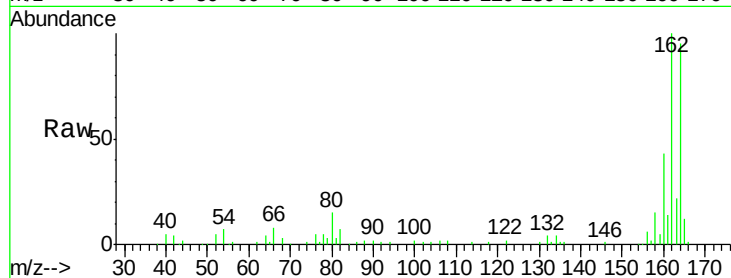
Tgt Ion:164 Resp: 58002

Ion Ratio Lower Upper

164 100

162 105.2 86.6 130.0

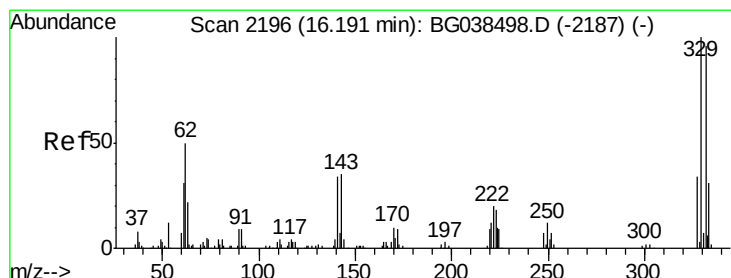
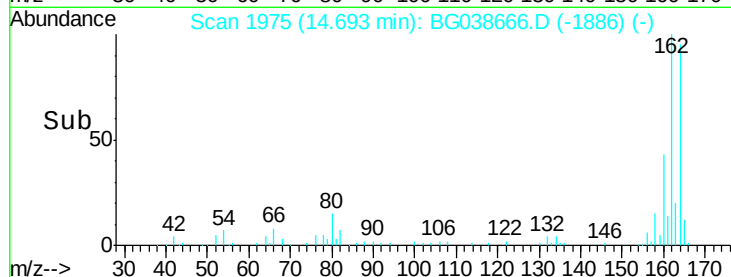
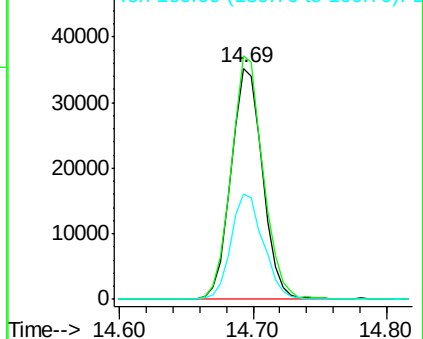
160 45.3 34.2 51.2



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



#42

2,4,6-Tribromophenol

Concen: 127.102 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038666.D

Acq: 17 Dec 2018 17:03

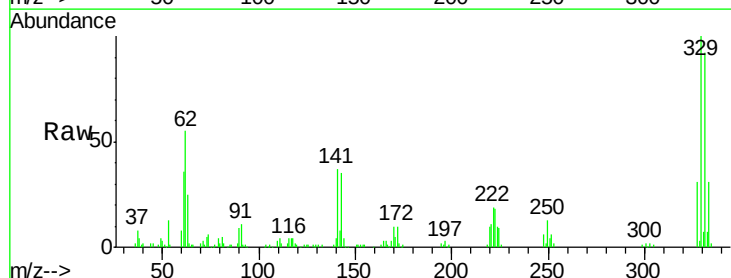
Tgt Ion:330 Resp: 101602

Ion Ratio Lower Upper

330 100

332 96.4 76.9 115.3

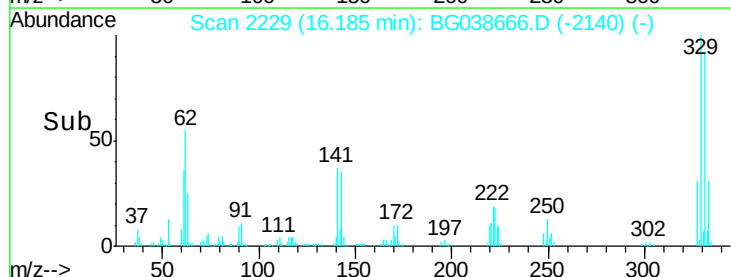
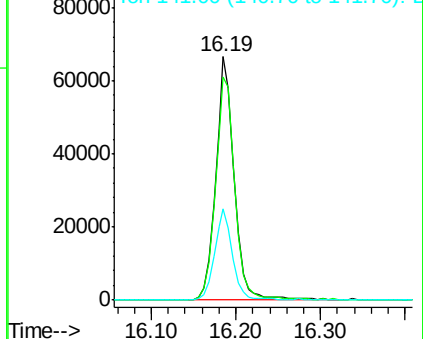
141 36.4 28.8 43.2

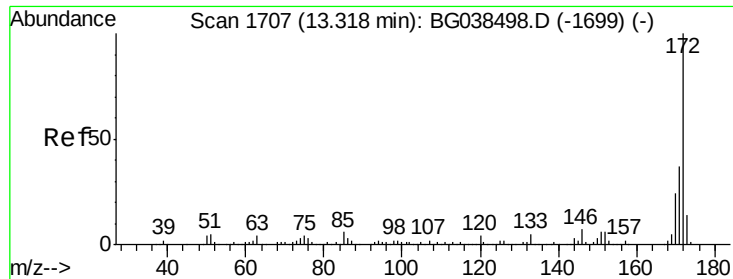


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

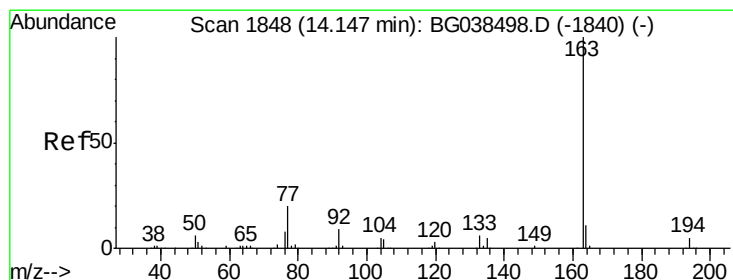
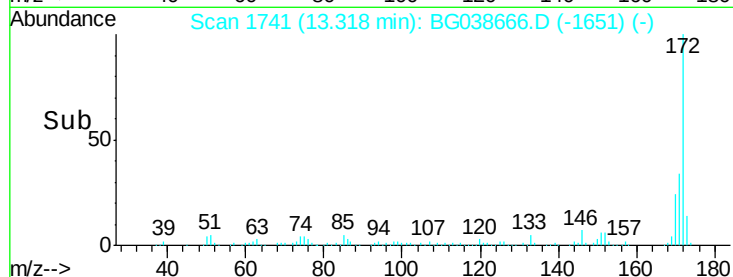
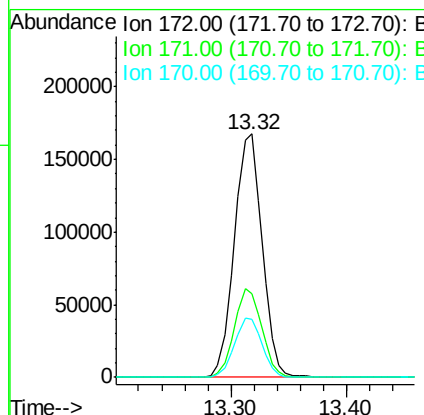
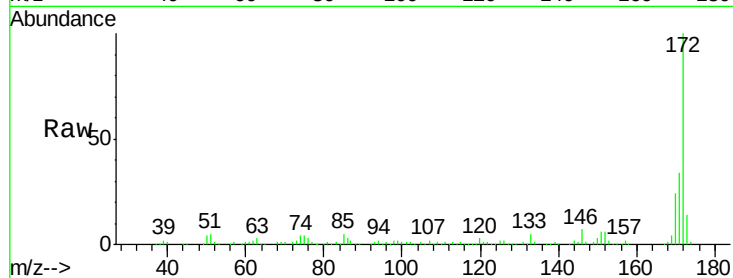




#45
2-Fluorobiphenyl
Concen: 66.295 ng
RT: 13.32 min Scan# 1741
Delta R.T. 0.00 min
Lab File: BG038666.D
Acq: 17 Dec 2018 17:03

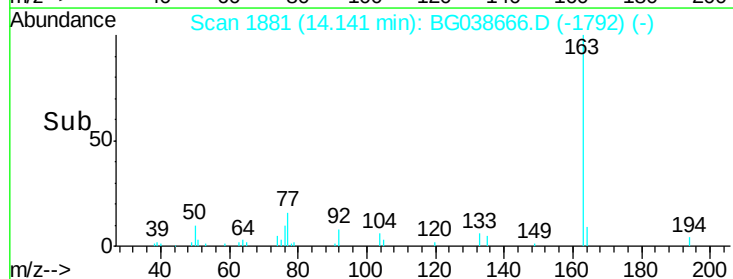
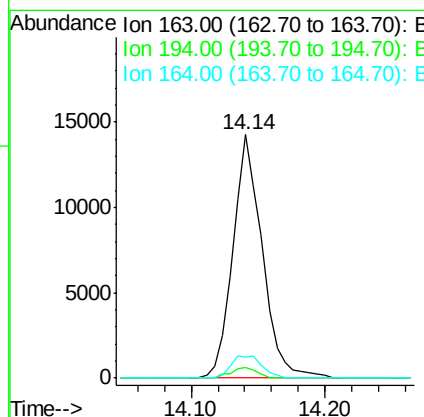
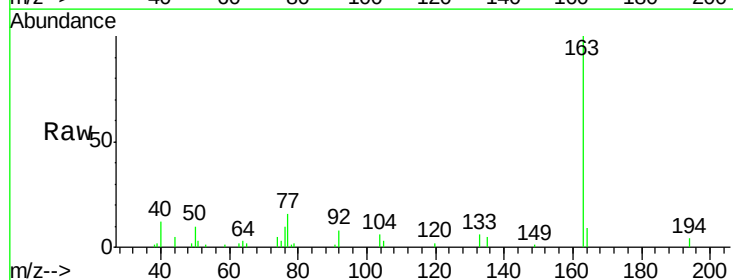
Instrument :
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P001-SS001-1824-01

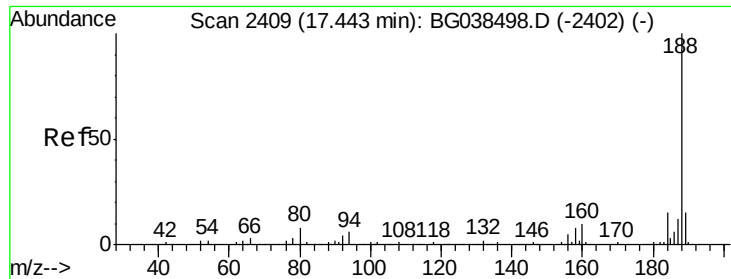
Tgt Ion:172 Resp: 280298
Ion Ratio Lower Upper
172 100
171 34.4 29.8 44.6
170 23.7 19.5 29.3



#50
Dimethylphthalate
Concen: 4.609 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038666.D
Acq: 17 Dec 2018 17:03

Tgt Ion:163 Resp: 21832
Ion Ratio Lower Upper
163 100
194 4.1 3.7 5.5
164 8.6 8.6 12.8

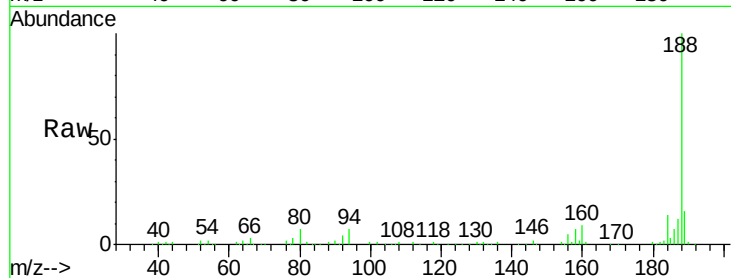




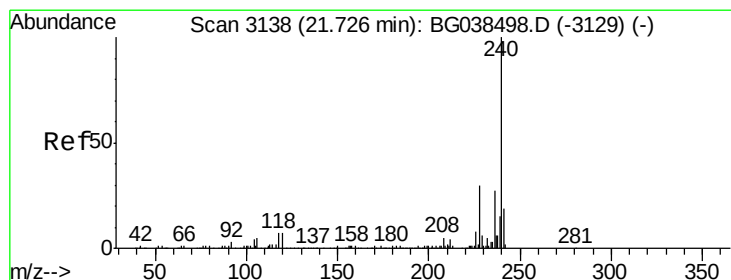
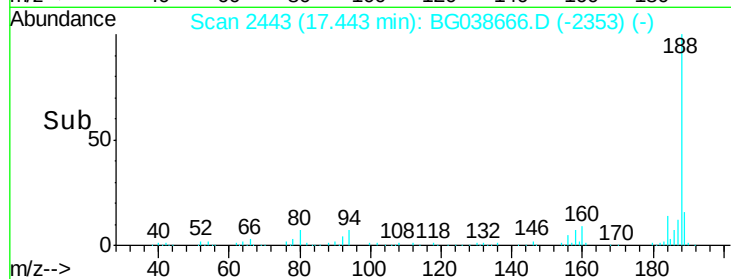
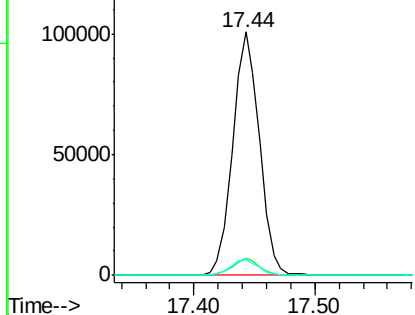
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038666.D
Acq: 17 Dec 2018 17:03

Instrument :
BNA_G
ClientSampleId :
P001-SS001-1824-01

Tgt Ion:188 Resp: 154828
Ion Ratio Lower Upper
188 100
94 7.0 5.1 7.7
80 6.7 6.1 9.1

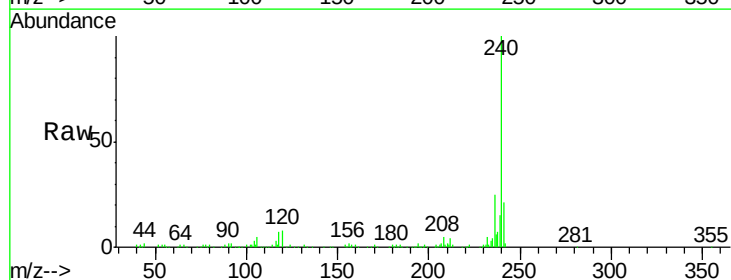


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

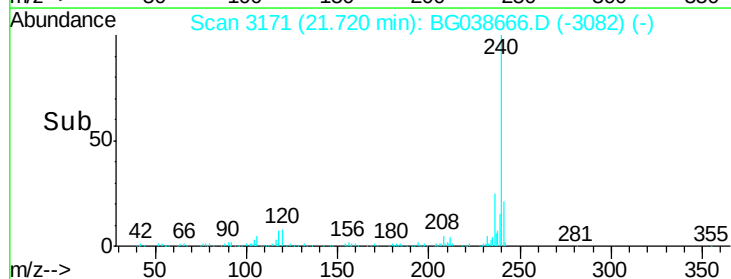
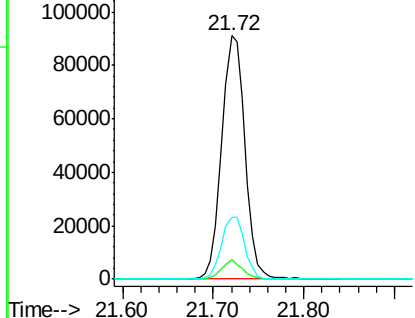


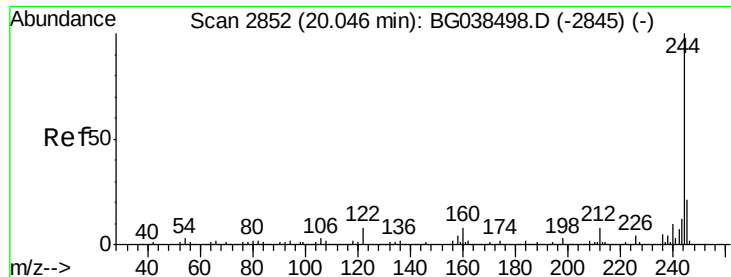
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038666.D
Acq: 17 Dec 2018 17:03

Tgt Ion:240 Resp: 161584
Ion Ratio Lower Upper
240 100
120 8.0 5.3 7.9#
236 25.4 21.4 32.2



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





#79

Terphenyl-d14

Concen: 74.315 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038666.D

Acq: 17 Dec 2018 17:03

Instrument :

BNA_G

ClientSampleId :

P001-SS001-1824-01

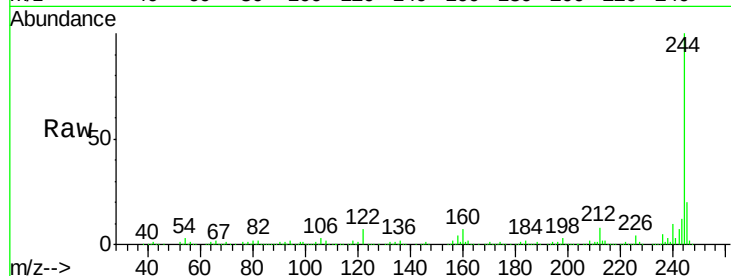
Tgt Ion:244 Resp: 551760

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

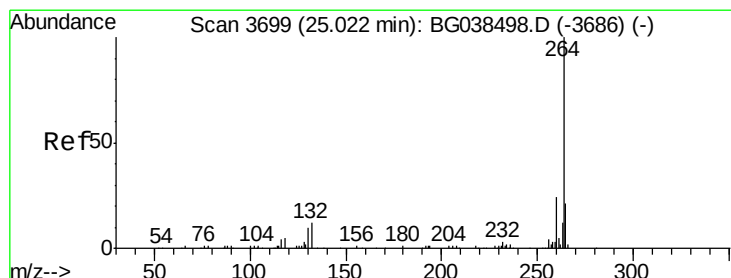
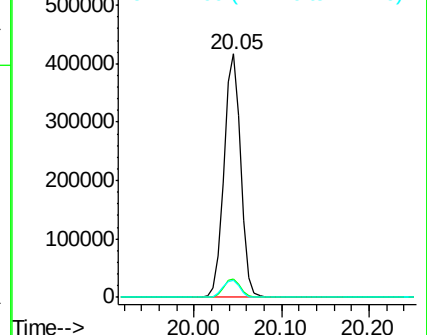
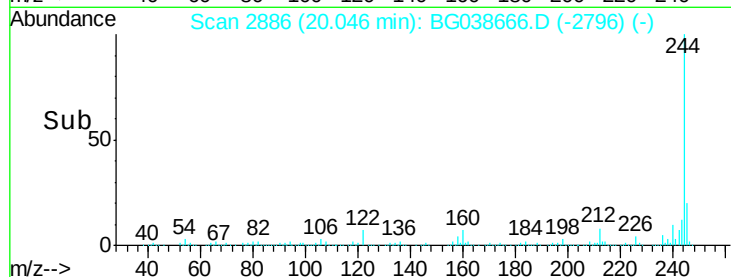
122 6.8 6.3 9.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. 0.00 min

Lab File: BG038666.D

Acq: 17 Dec 2018 17:03

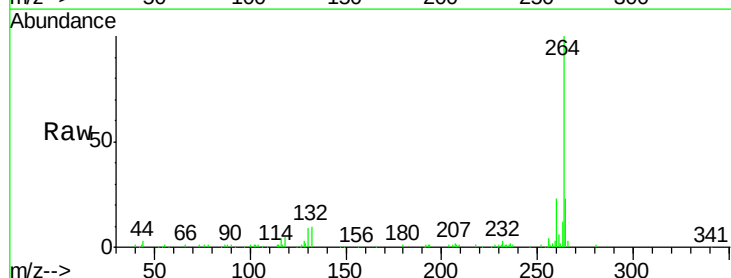
Tgt Ion:264 Resp: 172331

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 22.8 17.0 25.4



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

