

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
 Data File : BG032688.D
 Acq On : 14 Feb 2018 19:30
 Operator : SJ/JU
 Sample : J1540-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-5-LINE-SW@3

Quant Time: Feb 15 04:09:07 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

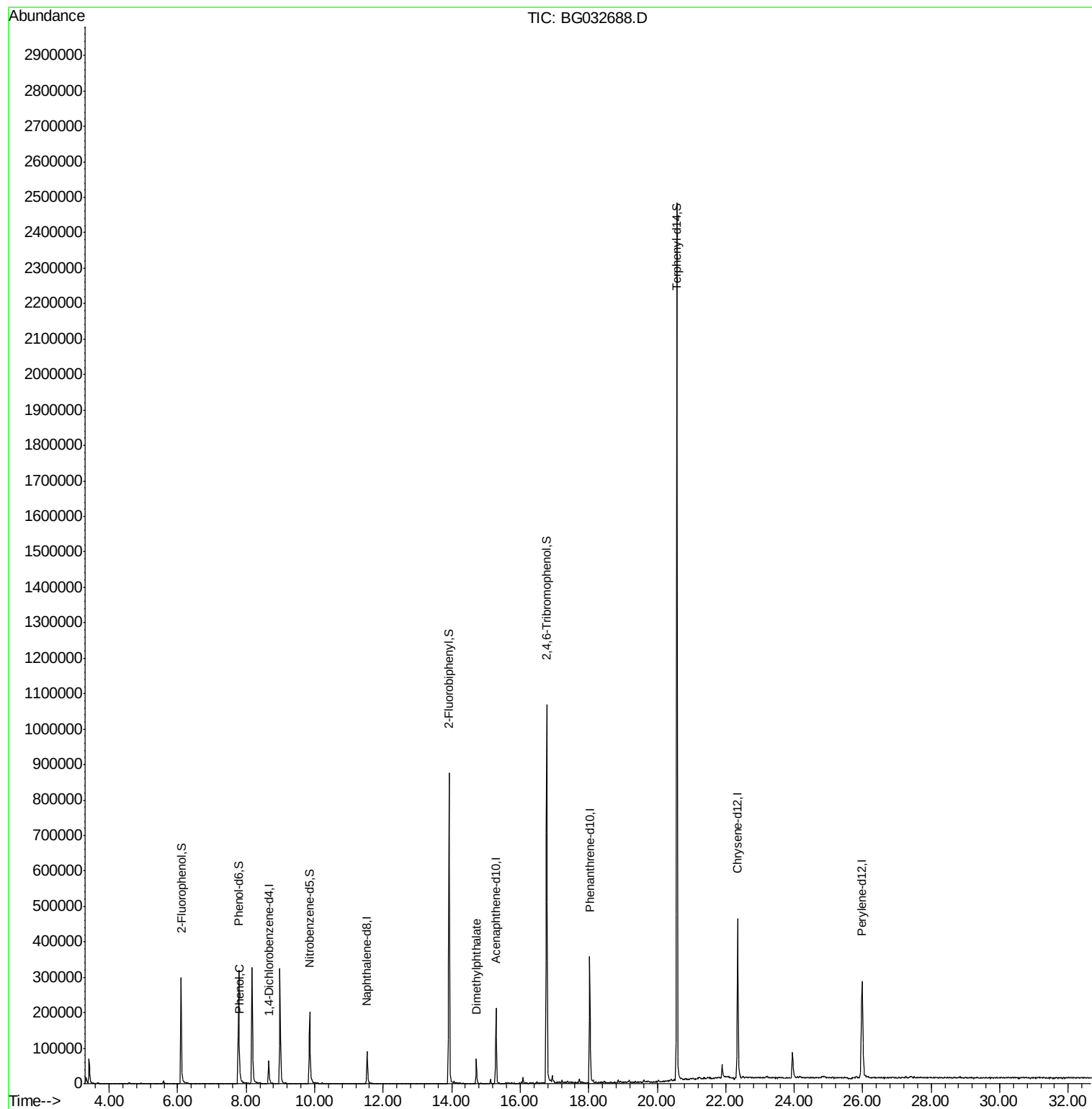
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.65	152	23915	20.00	ng	-0.02
21) Naphthalene-d8	11.53	136	103063	20.00	ng	-0.02
38) Acenaphthene-d10	15.29	164	81135	20.00	ng	-0.02
63) Phenanthrene-d10	18.03	188	252745	20.00	ng	-0.02
75) Chrysene-d12	22.35	240	362104	20.00	ng	-0.02
86) Perylene-d12	25.99	264	384554	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	161955	135.87	ng	-0.02
7) Phenol-d6	7.78	99	207038	127.03	ng	-0.02
23) Nitrobenzene-d5	9.85	82	146215	90.17	ng	-0.02
41) 2,4,6-Tribromophenol	16.77	330	247367	198.00	ng	-0.02
44) 2-Fluorobiphenyl	13.92	172	535980	82.61	ng	0.00
78) Terphenyl-d14	20.58	244	1374826	86.54	ng	0.00
Target Compounds						
10) Phenol	7.81	94	11429	7.210	ng	81
49) Dimethylphthalate	14.72	163	54794	7.813	ng	# 95

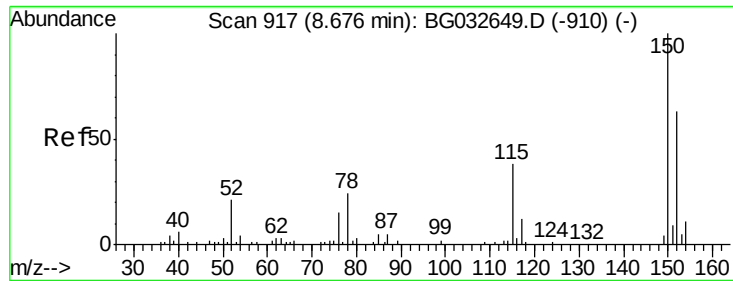
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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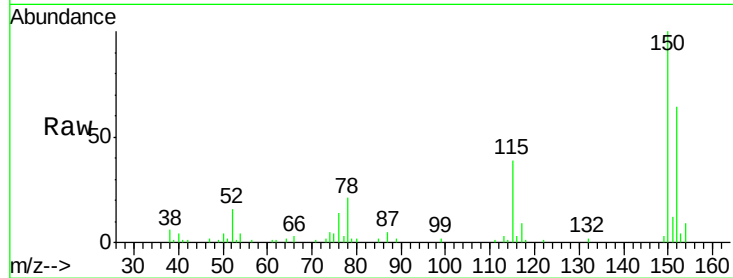


#1

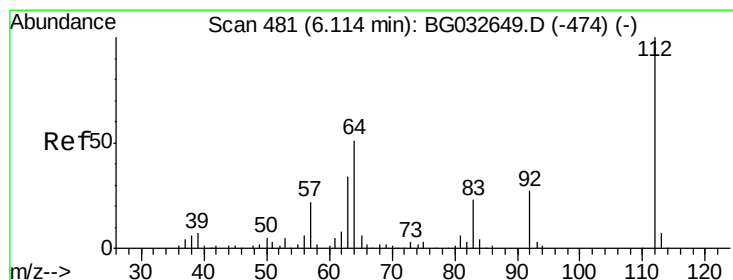
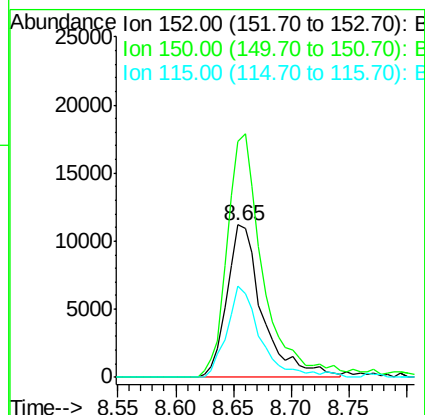
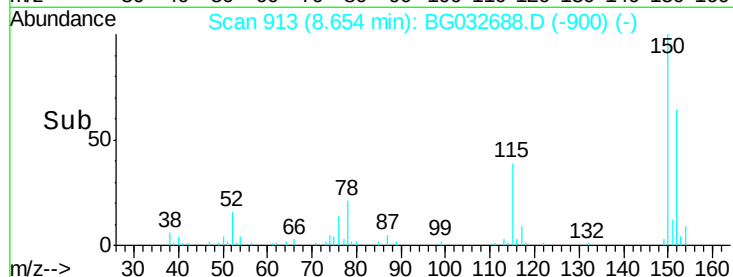
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.65 min Scan# 913
 Delta R.T. -0.02 min
 Lab File: BG032688.D
 Acq: 14 Feb 2018 19:30

Instrument :
 BNA_G
 ClientSampleId :
 CB-5-LINE-SW@3

Tot Ion:152 Resp: 23915
 Ion Ratio Lower Upper
 152 100
 150 155.3 126.6 189.8
 115 60.3 53.0 79.4



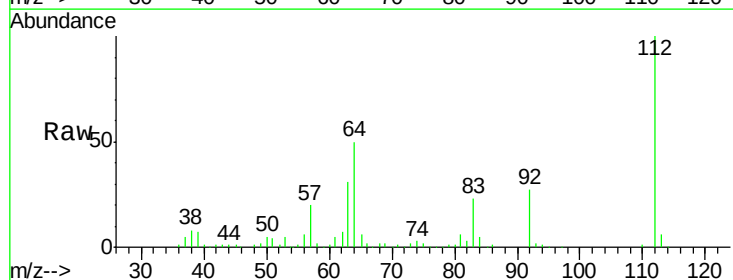
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



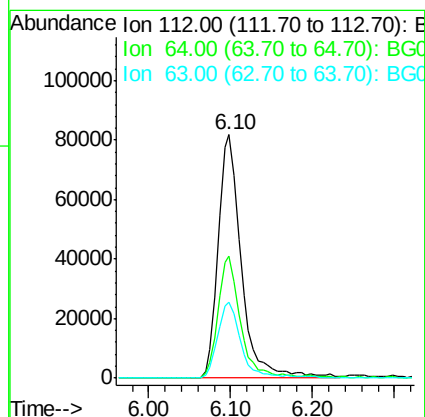
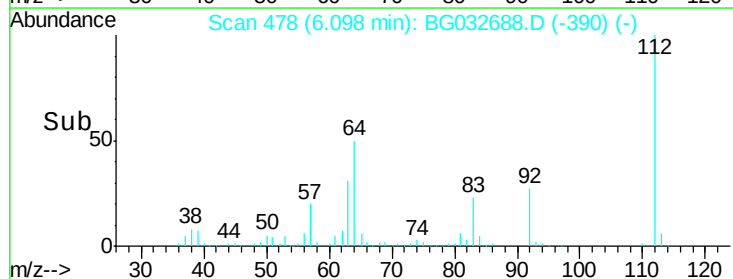
#5

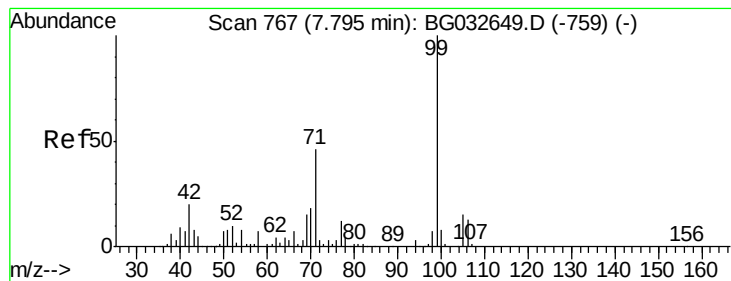
2-Fluorophenol
 Concen: 135.872 ng
 RT: 6.10 min Scan# 478
 Delta R.T. -0.02 min
 Lab File: BG032688.D
 Acq: 14 Feb 2018 19:30

Tgt Ion:112 Resp: 161955
 Ion Ratio Lower Upper
 112 100
 64 50.0 56.3 84.5#
 63 31.3 30.1 45.1



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: 127.026 ng

RT: 7.78 min Scan# 764

Delta R.T. -0.02 min

Lab File: BG032688.D

Acq: 14 Feb 2018 19:30

Instrument :

BNA_G

ClientSampleId :

CB-5-LINE-SW@3

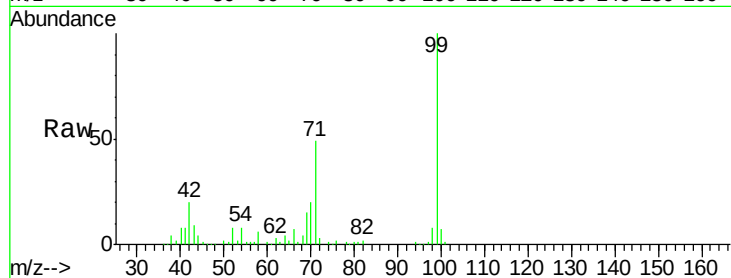
Tot Ion: 99 Resp: 207038

Ion Ratio Lower Upper

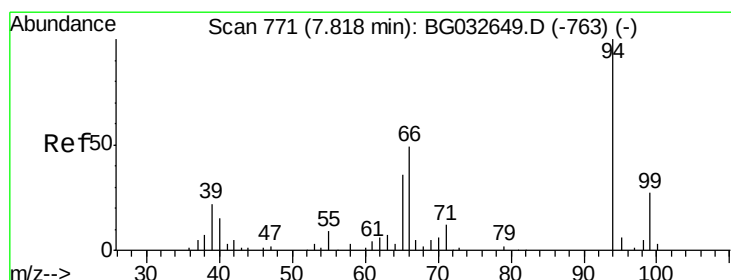
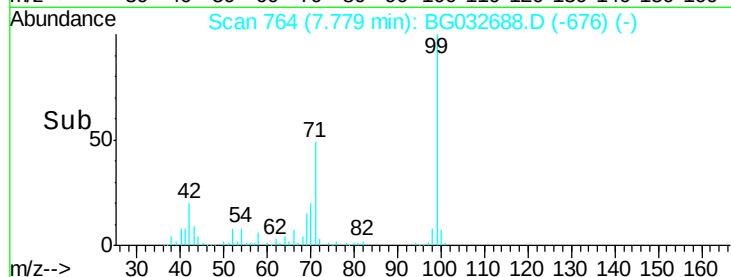
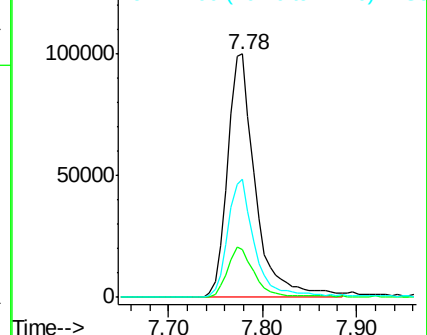
99 100

42 19.5 14.1 21.1

71 48.5 26.1 39.1#



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: 7.210 ng

RT: 7.81 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG032688.D

Acq: 14 Feb 2018 19:30

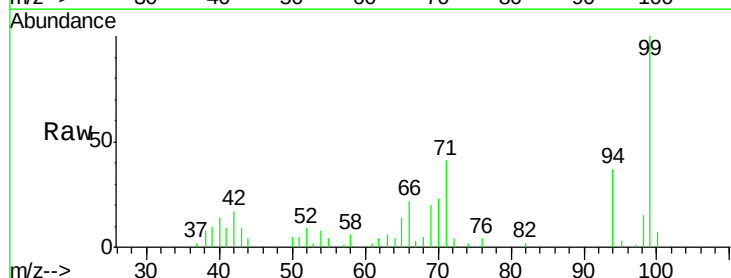
Tgt Ion: 94 Resp: 11429

Ion Ratio Lower Upper

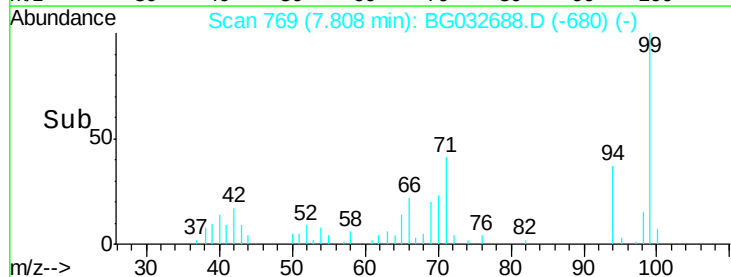
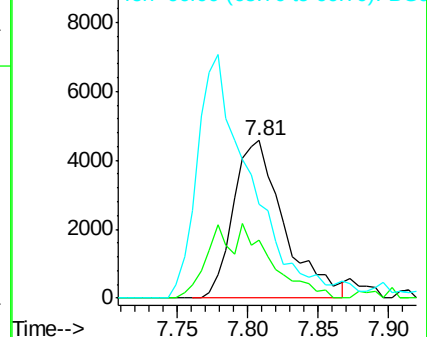
94 100

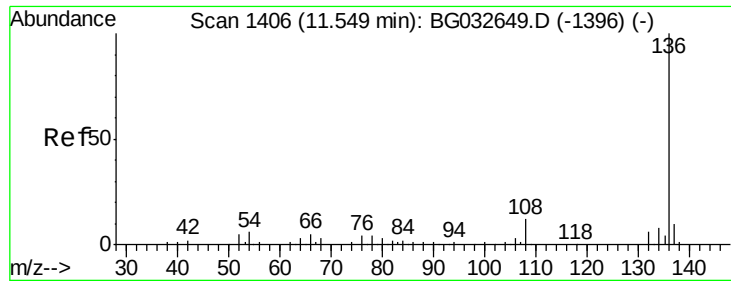
65 36.8 11.9 51.9

66 59.5 22.2 62.2



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

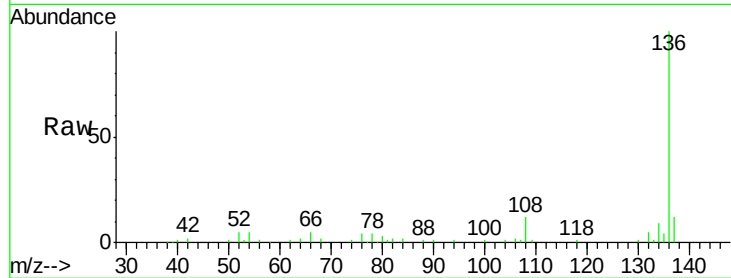




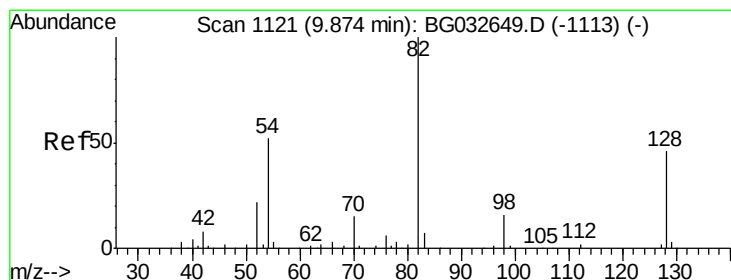
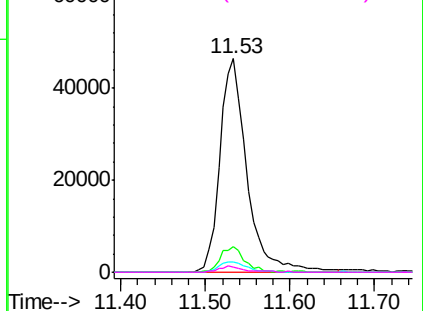
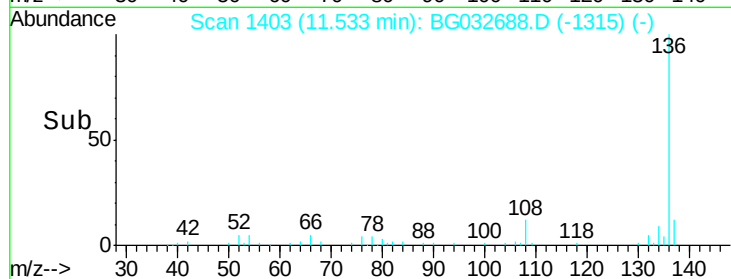
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.53 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG032688.D
Acq: 14 Feb 2018 19:30

Instrument :
BNA_G
ClientSampleId :
CB-5-LINE-SW@3

Tot Ion:136 Resp: 103063
Ion Ratio Lower Upper
136 100
137 12.2 9.2 13.8
54 4.8 10.3 15.5#
68 2.4 4.5 6.7#

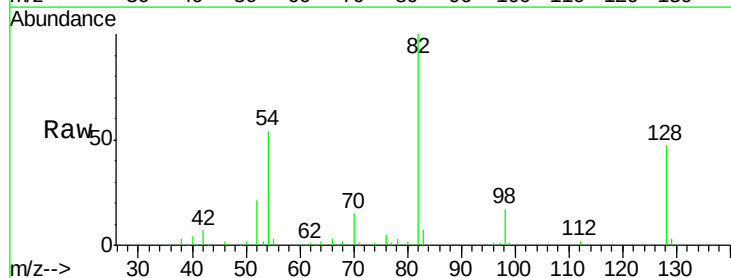


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

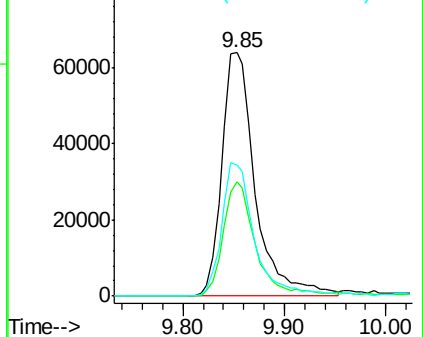
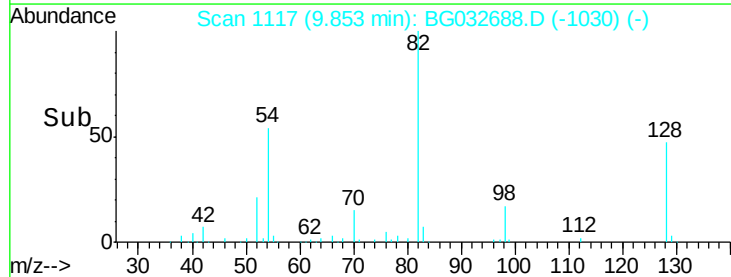


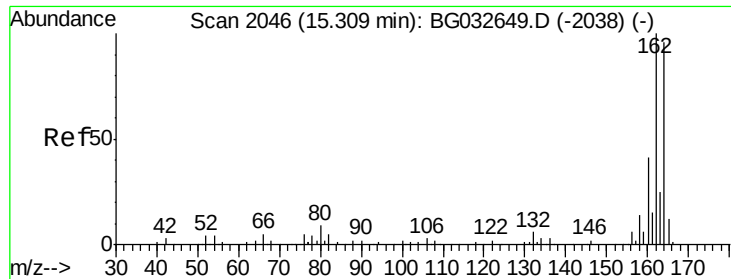
#23
Nitrobenzene-d5
Concen: 90.165 ng
RT: 9.85 min Scan# 1117
Delta R.T. -0.02 min
Lab File: BG032688.D
Acq: 14 Feb 2018 19:30

Tgt Ion: 82 Resp: 146215
Ion Ratio Lower Upper
82 100
128 46.8 29.7 44.5#
54 53.7 43.1 64.7



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: 15.29 min Scan# 2043

Delta R.T. -0.02 min

Lab File: BG032688.D

Acq: 14 Feb 2018 19:30

Instrument :

BNA_G

ClientSampleId :

CB-5-LINE-SW@3

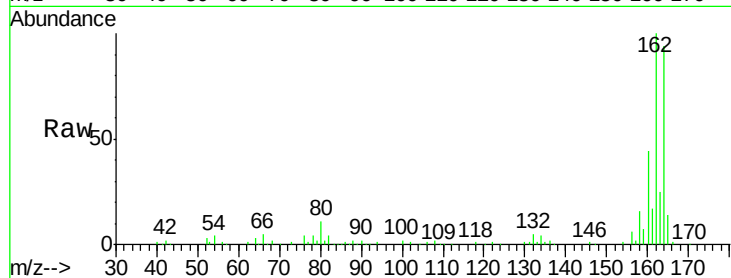
Tot Ion:164 Resp: 81135

Ion Ratio Lower Upper

164 100

162 106.0 78.8 118.2

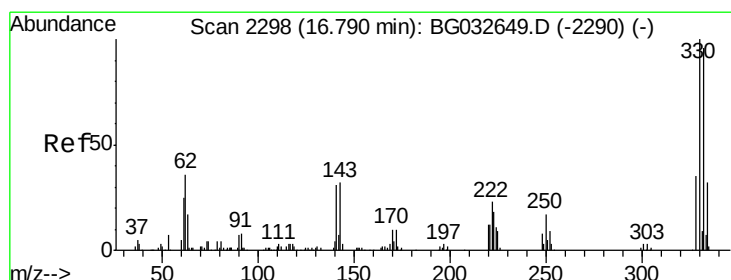
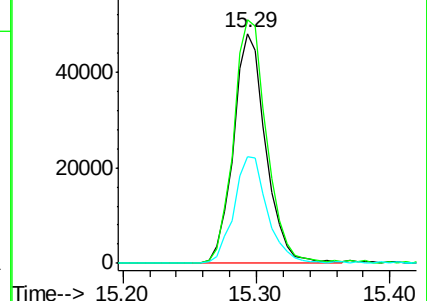
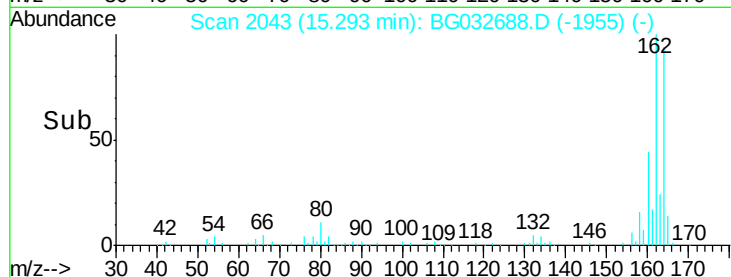
160 46.7 35.4 53.0



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: 198.003 ng

RT: 16.77 min Scan# 2295

Delta R.T. -0.02 min

Lab File: BG032688.D

Acq: 14 Feb 2018 19:30

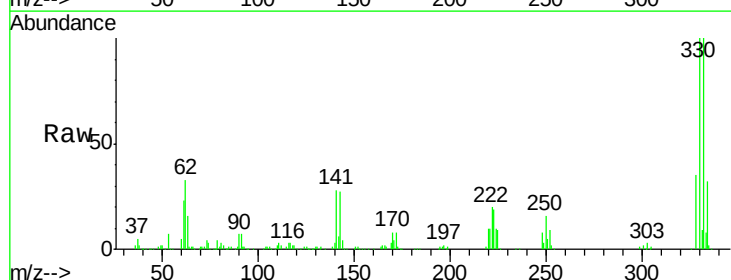
Tgt Ion:330 Resp: 247367

Ion Ratio Lower Upper

330 100

332 100.1 77.0 115.6

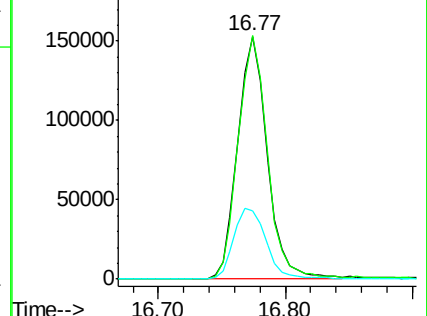
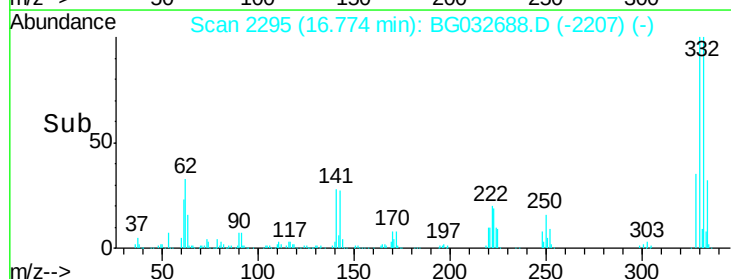
141 32.4 25.2 37.8

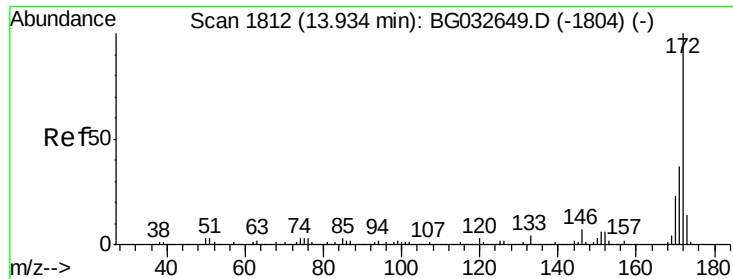


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

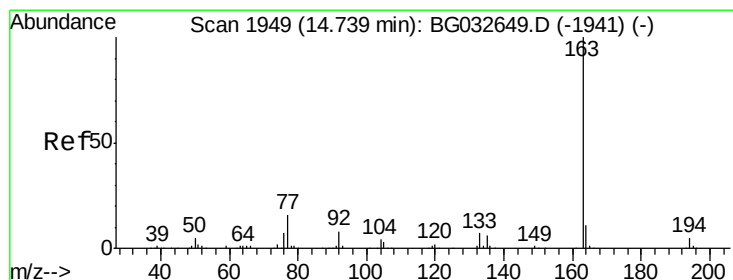
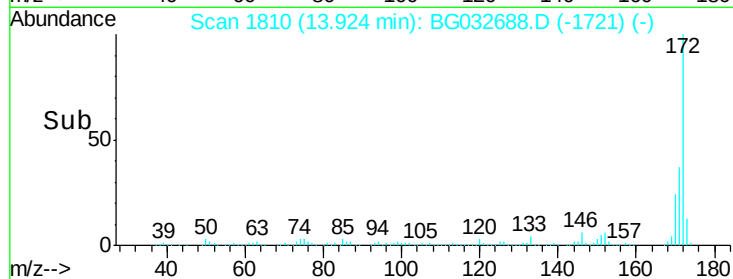
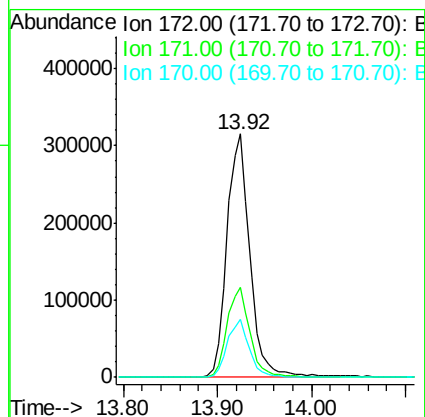
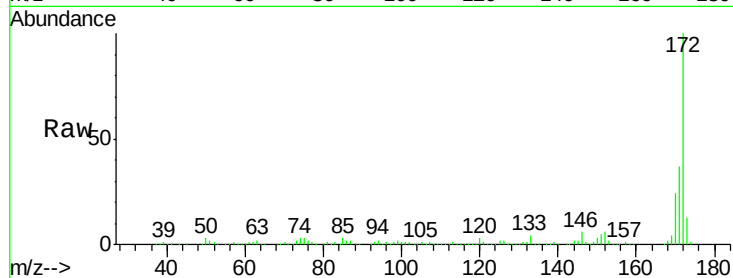




#44
2-Fluorobiphenyl
Concen: 82.610 ng
RT: 13.92 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BG032688.D
Acq: 14 Feb 2018 19:30

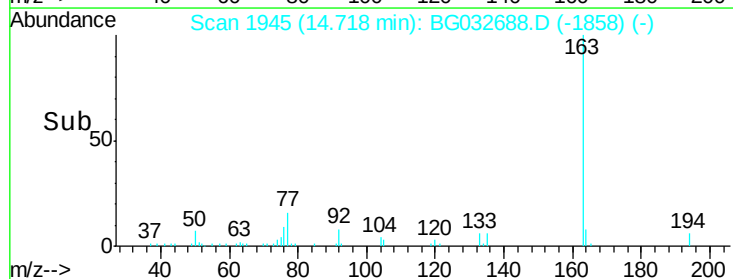
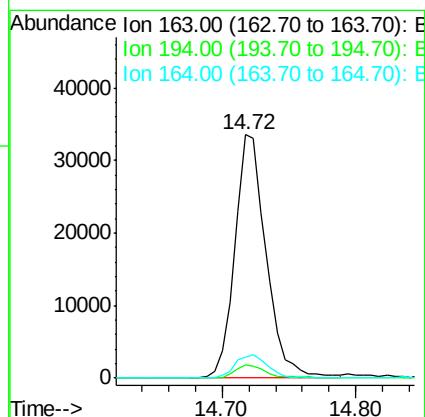
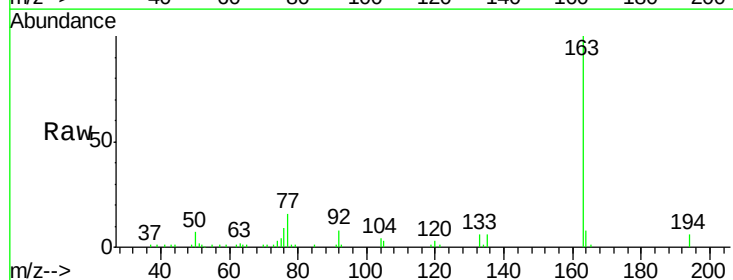
Instrument :
BNA_G
ClientSampleId :
CB-5-LINE-SW@3

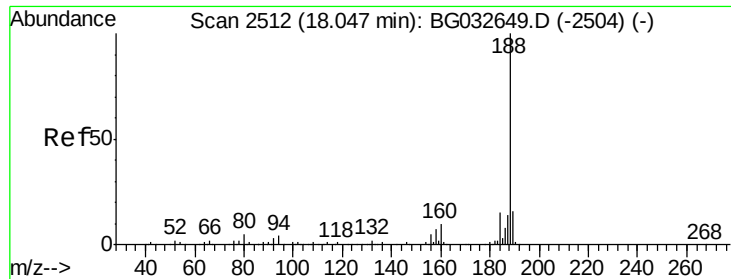
Tot Ion:172 Resp: 535980
Ion Ratio Lower Upper
172 100
171 37.0 30.0 45.0
170 23.8 19.5 29.3



#49
Dimethylphthalate
Concen: 7.813 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.02 min
Lab File: BG032688.D
Acq: 14 Feb 2018 19:30

Tgt Ion:163 Resp: 54794
Ion Ratio Lower Upper
163 100
194 5.6 3.4 5.2#
164 8.4 8.2 12.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.03 min Scan# 2509

Delta R.T. -0.02 min

Lab File: BG032688.D

Acq: 14 Feb 2018 19:30

Instrument :

BNA_G

ClientSampleId :

CB-5-LINE-SW@3

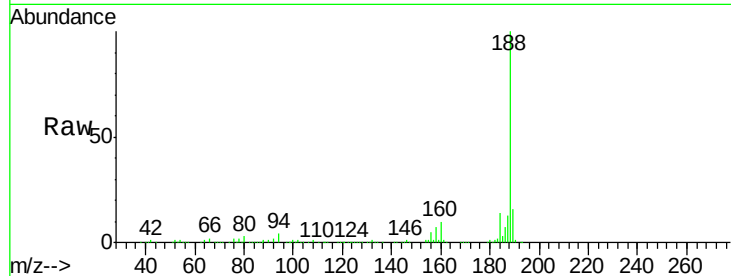
Tot Ion:188 Resp: 252745

Ion Ratio Lower Upper

188 100

94 3.5 6.9 10.3#

80 2.9 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B

18.03

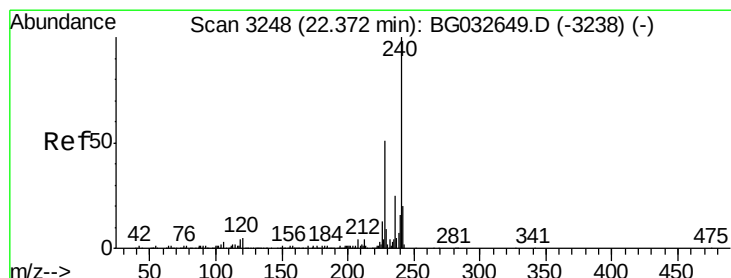
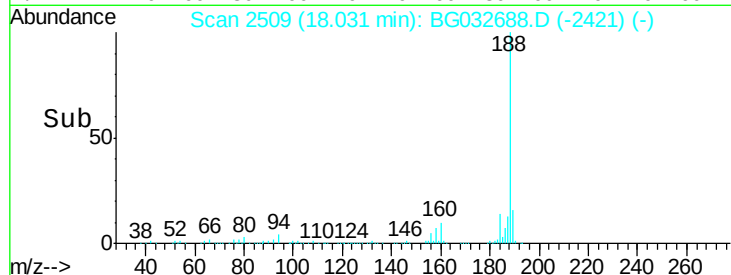
150000

100000

50000

0

Time--> 17.90 18.00 18.10 18.20



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.35 min Scan# 3244

Delta R.T. -0.02 min

Lab File: BG032688.D

Acq: 14 Feb 2018 19:30

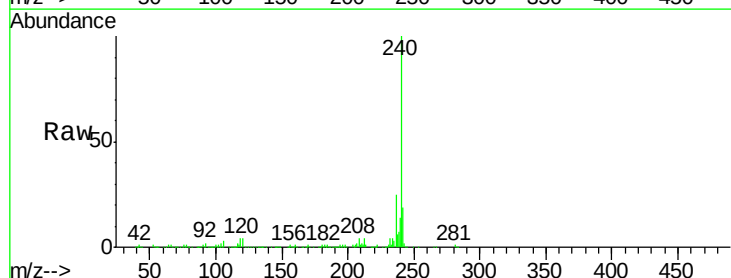
Tgt Ion:240 Resp: 362104

Ion Ratio Lower Upper

240 100

120 4.4 6.8 10.2#

236 25.3 20.9 31.3



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

22.35

250000

200000

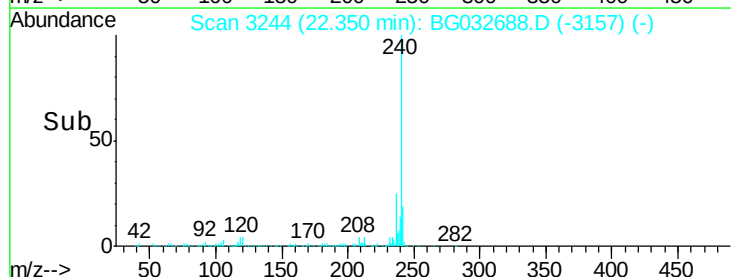
150000

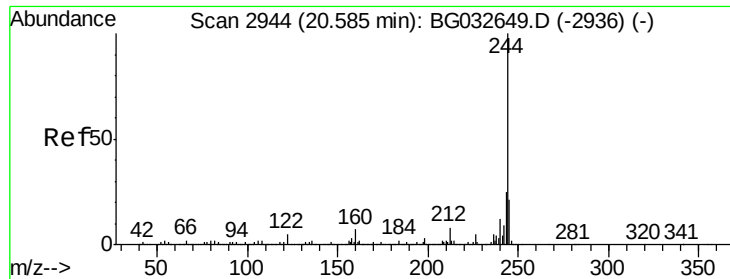
100000

50000

0

Time--> 22.20 22.30 22.40 22.50





#78

Terphenyl-d14

Concen: 86.536 ng

RT: 20.58 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BG032688.D

Acq: 14 Feb 2018 19:30

Instrument :

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CB-5-LINE-SW@3

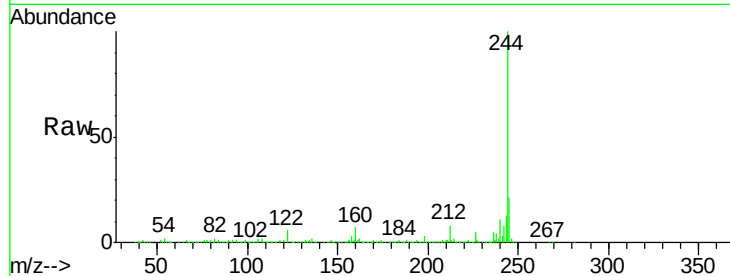
Tot Ion:244 Resp: 1374826

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

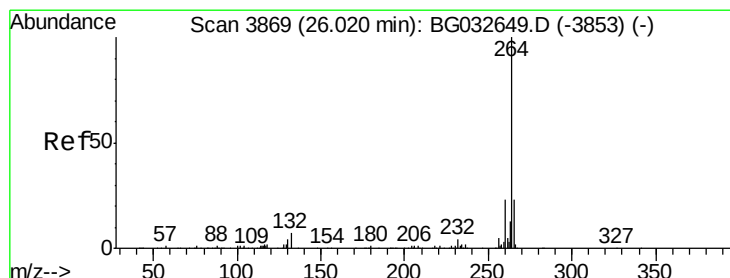
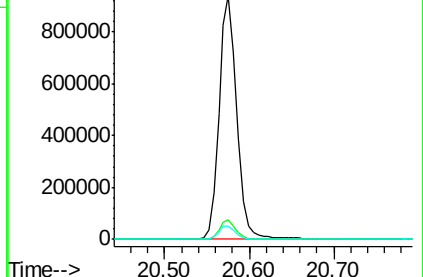
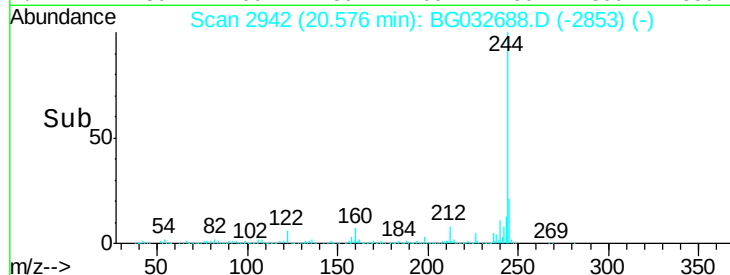
122 5.6 7.0 10.4#



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: 25.99 min Scan# 3863

Delta R.T. -0.03 min

Lab File: BG032688.D

Acq: 14 Feb 2018 19:30

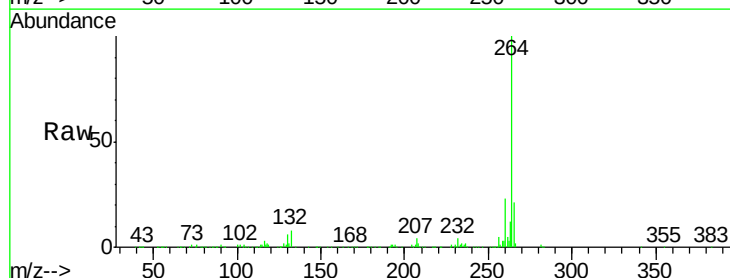
Tgt Ion:264 Resp: 384554

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 21.0 17.7 26.5



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

