

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
 Data File : BG031618.D
 Acq On : 16 Dec 2017 9:58
 Operator : SJ/JU
 Sample : I6880-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120817-JETT-F-D-B

Quant Time: Dec 18 03:27:44 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

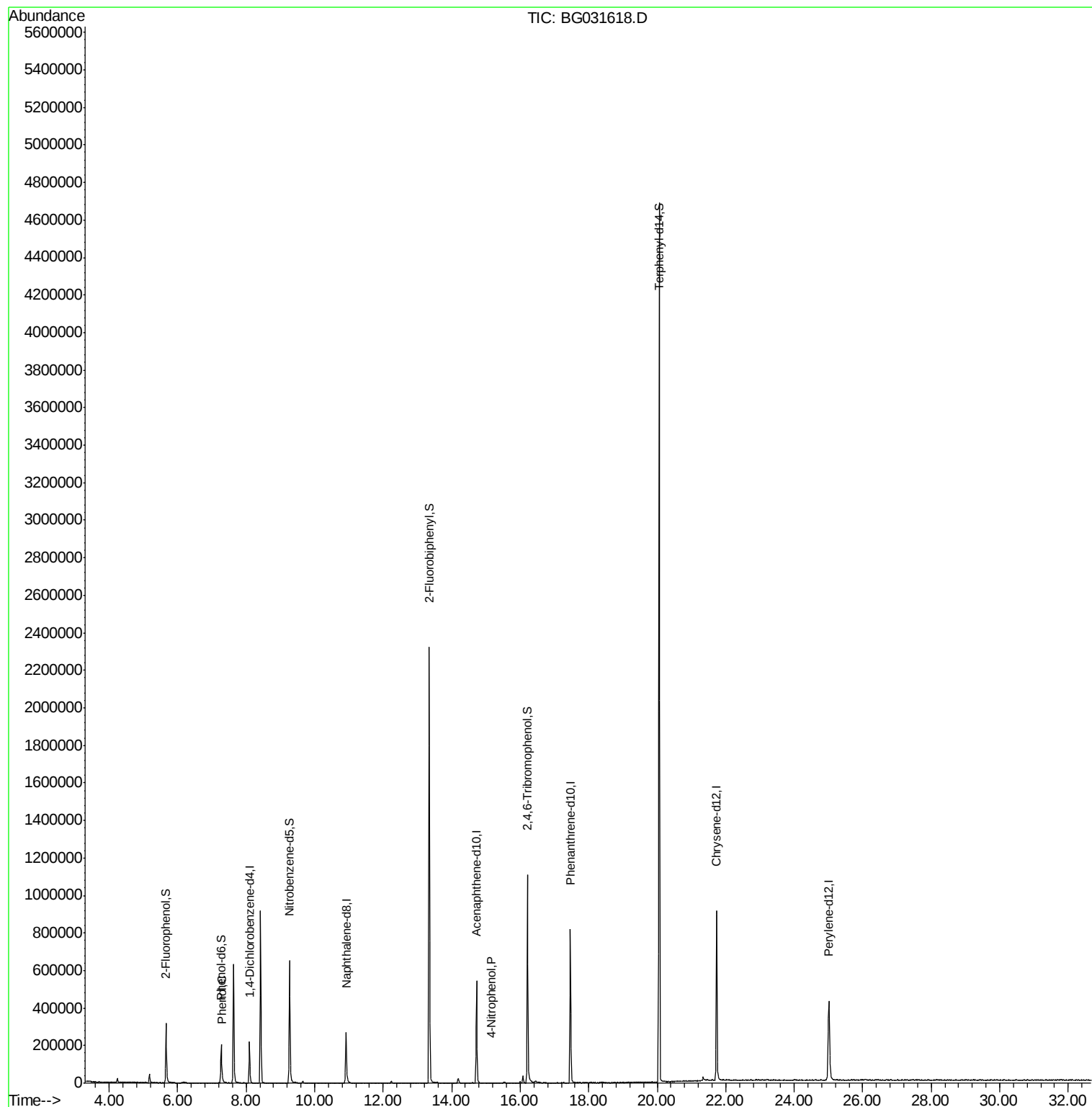
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	67994	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	305019	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	207804	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	551652	20.00	ng	0.00
75) Chrysene-d12	21.73	240	625095	20.00	ng	-0.02
86) Perylene-d12	25.01	264	532826	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	184510	48.10	ng	0.00
7) Phenol-d6	7.27	99	145961	27.41	ng	0.00
23) Nitrobenzene-d5	9.27	82	449550	90.84	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	247749	101.77	ng	-0.01
44) 2-Fluorobiphenyl	13.34	172	1358938	95.99	ng	0.00
78) Terphenyl-d14	20.06	244	2296021	83.57	ng	0.00
Target Compounds						
10) Phenol	7.30	94	15865	2.900	ng	97
55) 4-Nitrophenol	15.16	139	70	3.569	ng	# 1

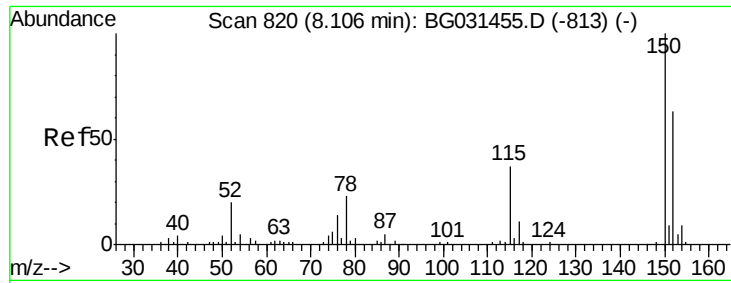
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
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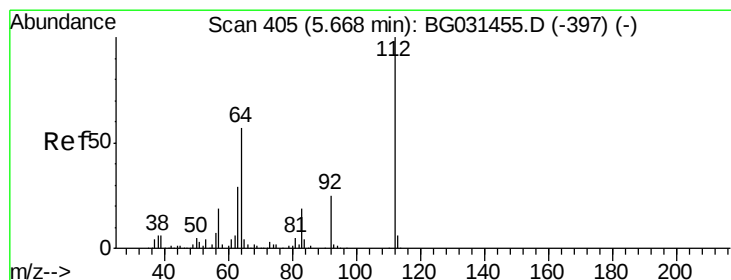
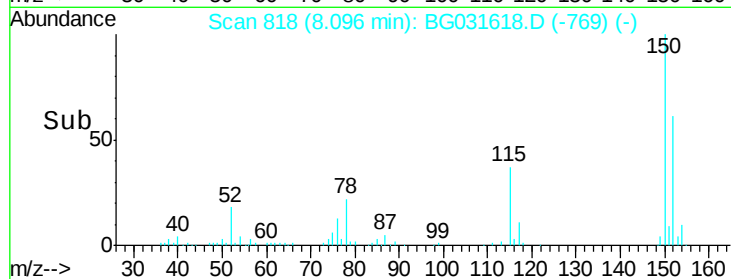
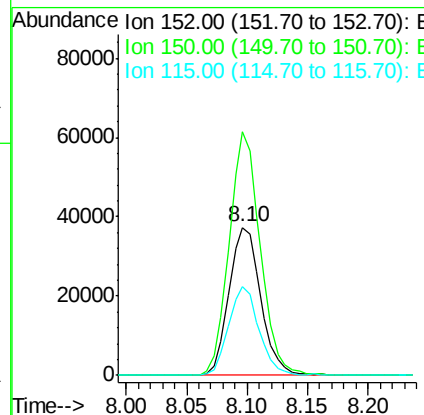
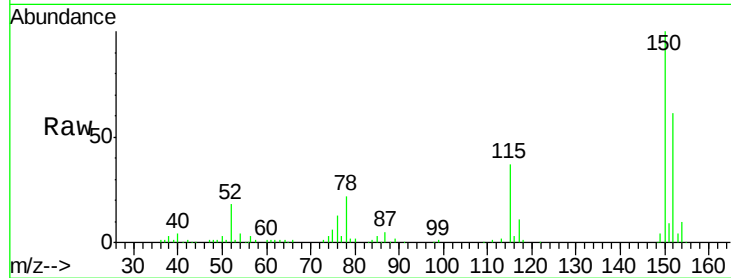


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031618.D
Acq: 16 Dec 2017 9:58

Instrument :
BNA_G
ClientSampleId :
120817-JETT-F-D-B

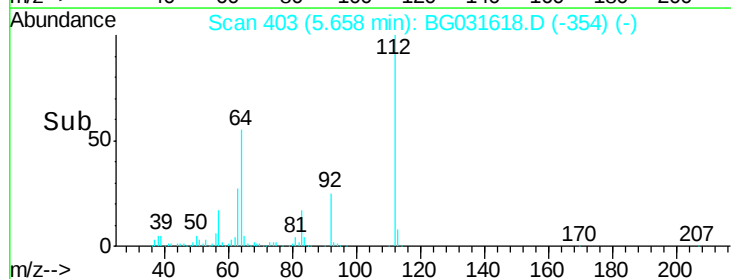
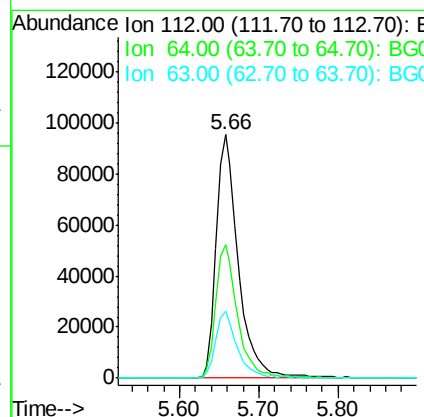
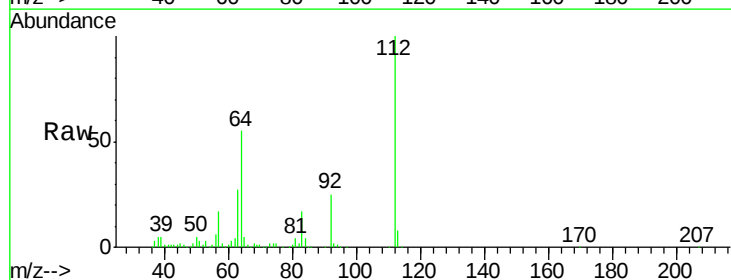
Tgt Ion:152 Resp: 67994
Ion Ratio Lower Upper
152 100
150 164.6 126.6 189.8
115 60.4 53.0 79.4

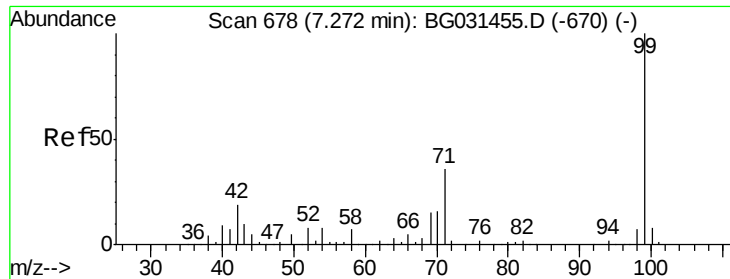


#5

2-Fluorophenol
Concen: 48.099 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031618.D
Acq: 16 Dec 2017 9:58

Tgt Ion:112 Resp: 184510
Ion Ratio Lower Upper
112 100
64 55.0 56.3 84.5#
63 27.5 30.1 45.1#





#7

Phenol-d6

Concen: 27.409 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG031618.D

Acq: 16 Dec 2017 9:58

Instrument :

BNA_G

ClientSampleId :

120817-JETT-F-D-B

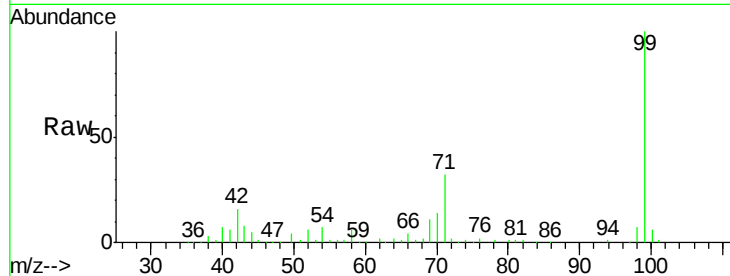
Tgt Ion: 99 Resp: 145961

Ion Ratio Lower Upper

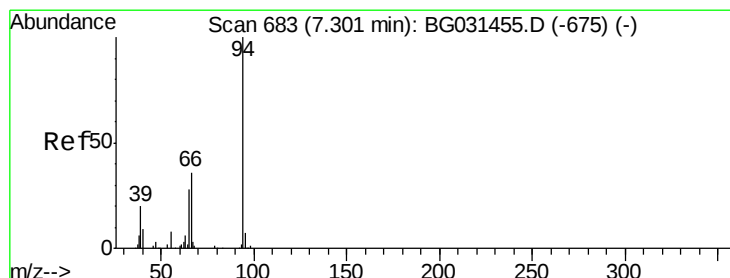
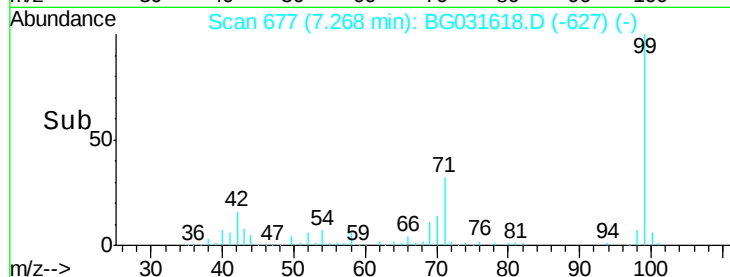
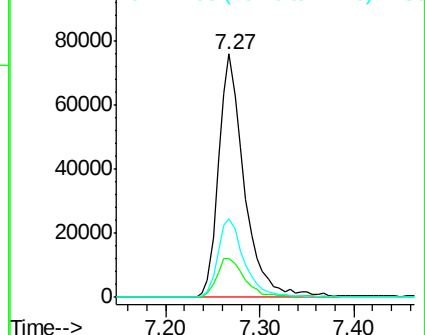
99 100

42 15.7 14.1 21.1

71 32.2 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: 2.900 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG031618.D

Acq: 16 Dec 2017 9:58

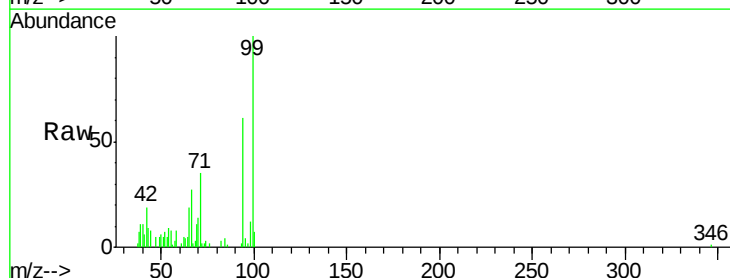
Tgt Ion: 94 Resp: 15865

Ion Ratio Lower Upper

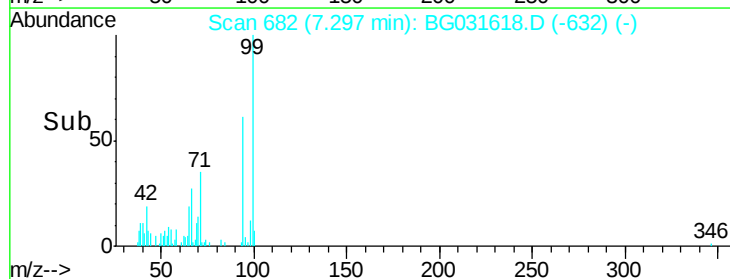
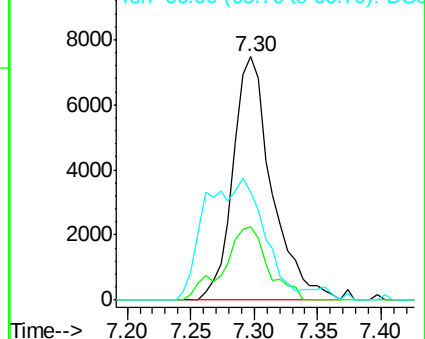
94 100

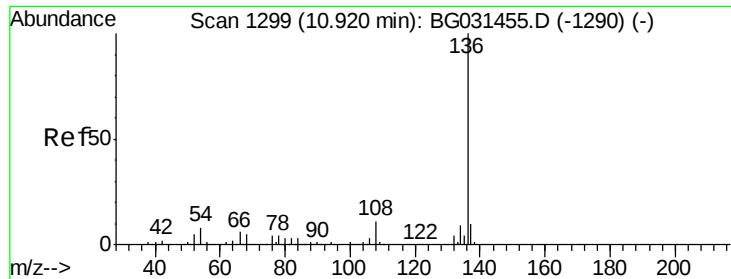
65 30.4 11.9 51.9

66 44.1 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: 10.92 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG031618.D

Acq: 16 Dec 2017 9:58

Instrument :

BNA_G

ClientSampleId :

120817-JETT-F-D-B

Tgt Ion: 136 Resp: 305019

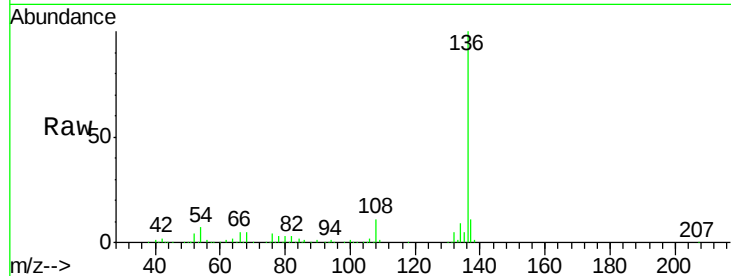
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 7.1 10.3 15.5#

68 5.1 4.5 6.7

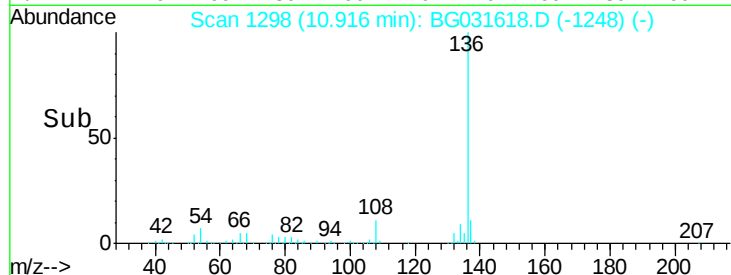


Abundance Ion 136.00 (135.70 to 136.70): B

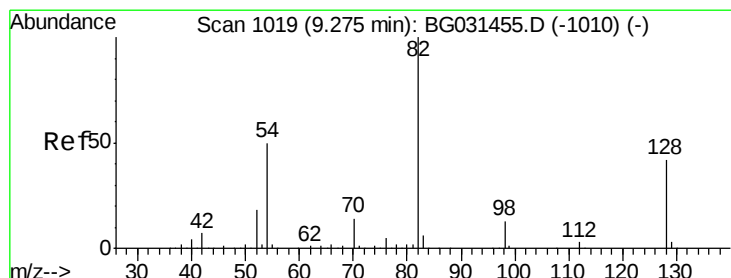
Ion 137.00 (136.70 to 137.70): B

Ion 54.00 (53.70 to 54.70): B

Ion 68.00 (67.70 to 68.70): B



Time-->



#23

Nitrobenzene-d5

Concen: 90.843 ng

RT: 9.27 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BG031618.D

Acq: 16 Dec 2017 9:58

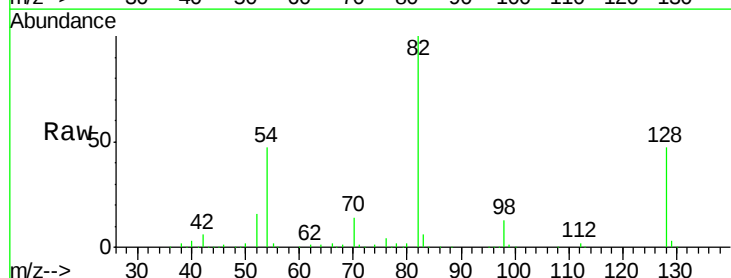
Tgt Ion: 82 Resp: 449550

Ion Ratio Lower Upper

82 100

128 46.6 29.7 44.5#

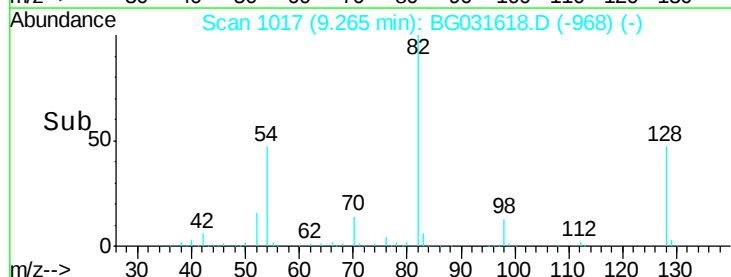
54 47.2 43.1 64.7



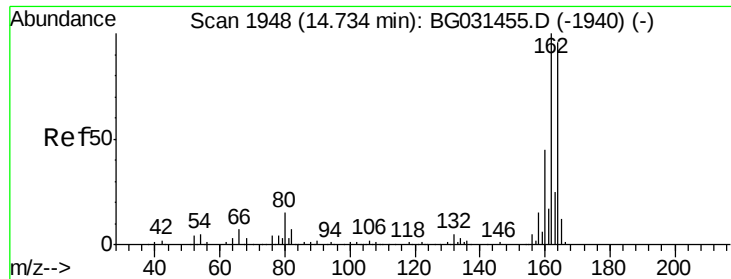
Abundance Ion 82.00 (81.70 to 82.70): B

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): B



Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG031618.D

Acq: 16 Dec 2017 9:58

Instrument :

BNA_G

ClientSampleId :

120817-JETT-F-D-B

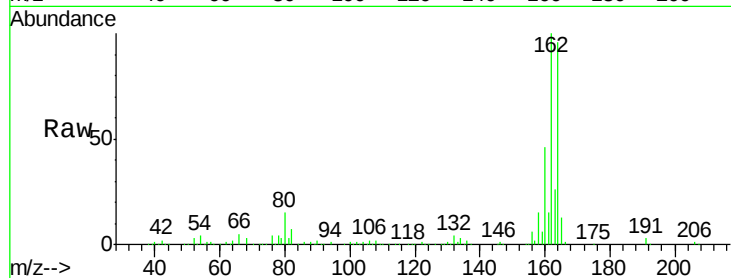
Tgt Ion:164 Resp: 207804

Ion Ratio Lower Upper

164 100

162 104.0 78.8 118.2

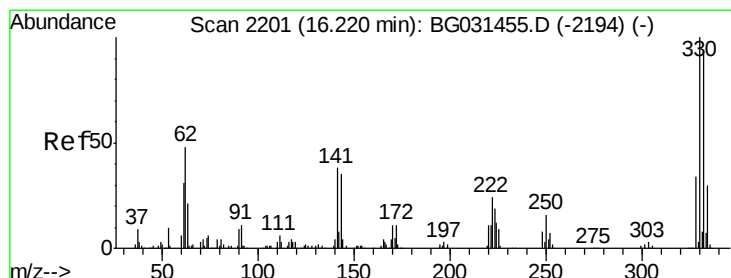
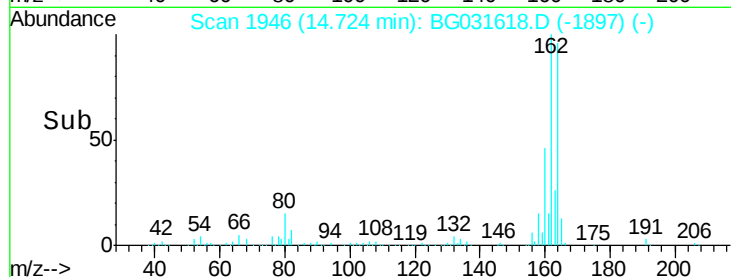
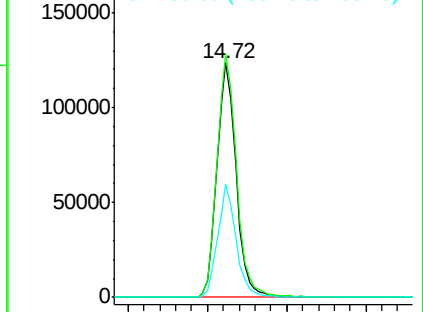
160 48.2 35.4 53.0



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: 101.765 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG031618.D

Acq: 16 Dec 2017 9:58

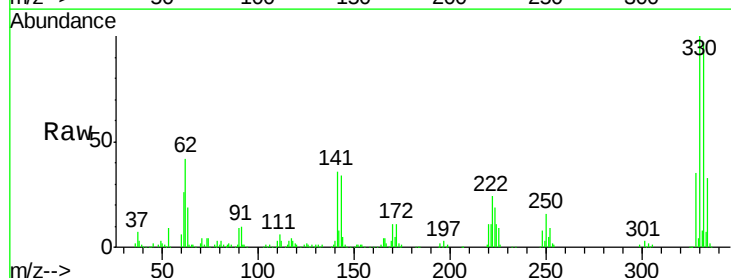
Tgt Ion:330 Resp: 247749

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

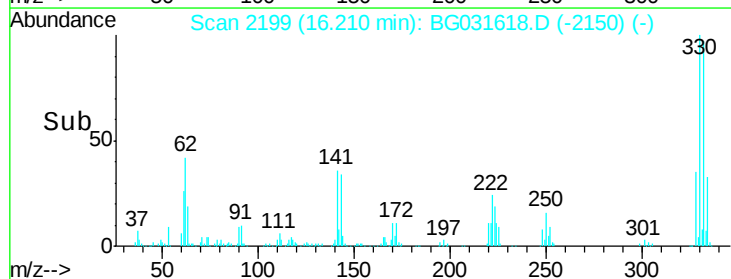
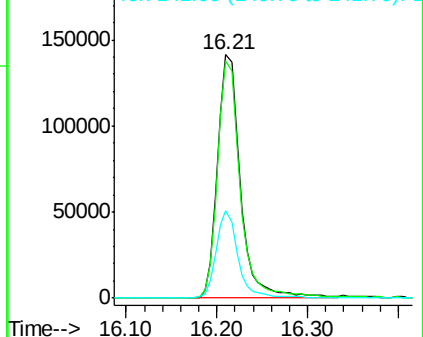
141 34.4 25.2 37.8

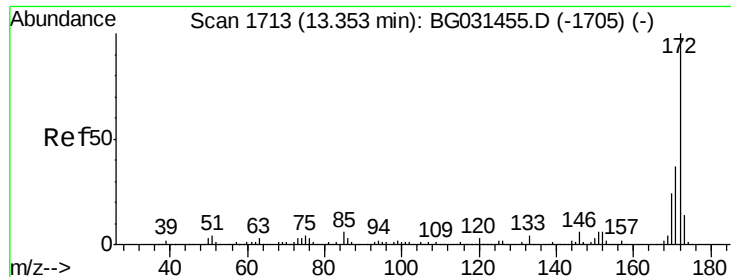


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

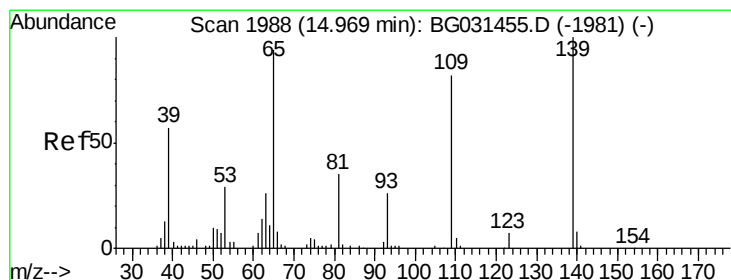
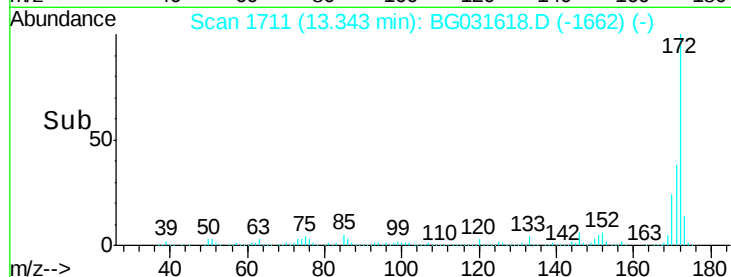
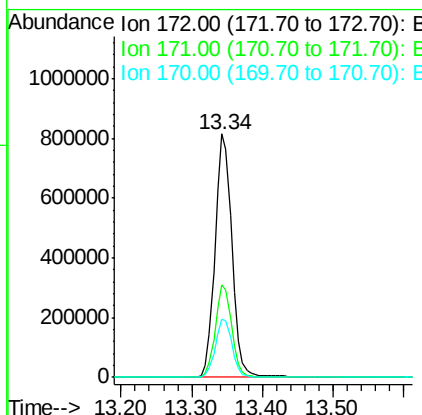
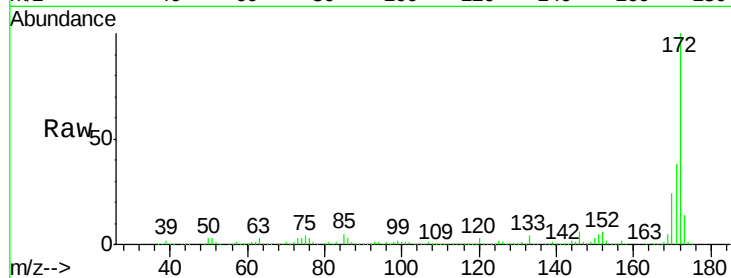




#44
 2-Fluorobiphenyl
 Concen: 95.992 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG031618.D
 Acq: 16 Dec 2017 9:58

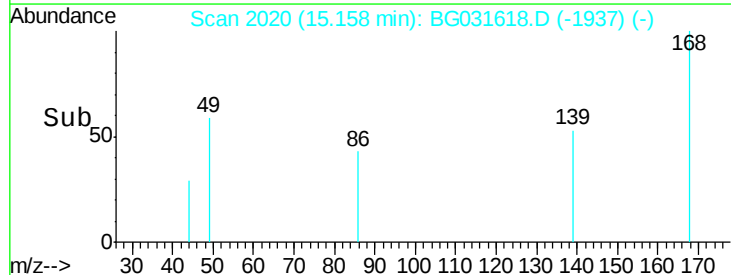
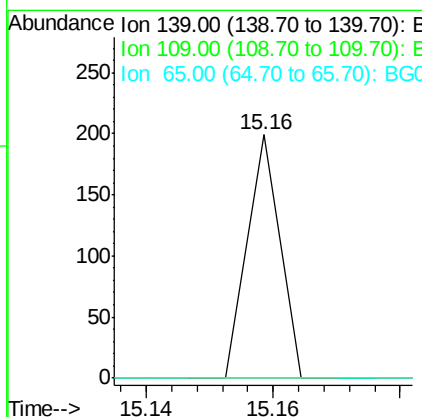
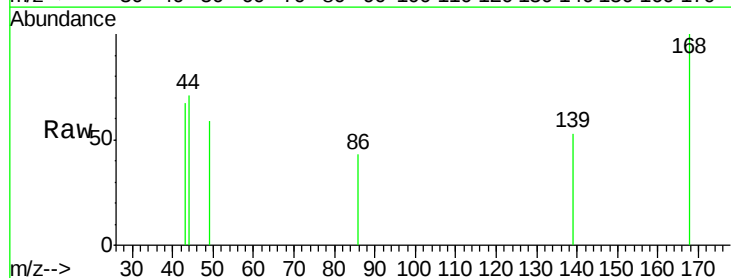
Instrument :
 BNA_G
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 120817-JETT-F-D-B

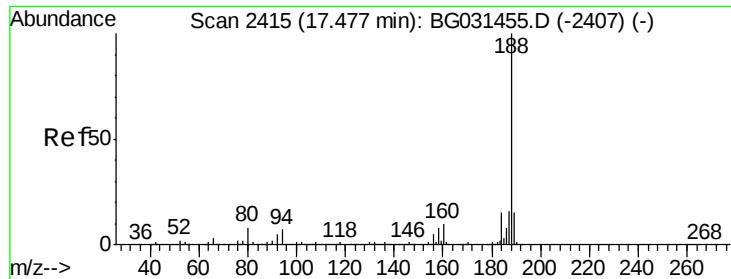
Tgt Ion:172 Resp: 1358938
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.0 45.0
 170 23.6 19.5 29.3



#55
 4-Nitrophenol
 Concen: 3.569 ng
 RT: 15.16 min Scan# 2020
 Delta R.T. 0.19 min
 Lab File: BG031618.D
 Acq: 16 Dec 2017 9:58

Tgt Ion:139 Resp: 70
 Ion Ratio Lower Upper
 139 100
 109 0.0 62.2 102.2#
 65 0.0 97.2 137.2#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG031618.D

Acq: 16 Dec 2017 9:58

Instrument :

BNA_G

ClientSampleId :

120817-JETT-F-D-B

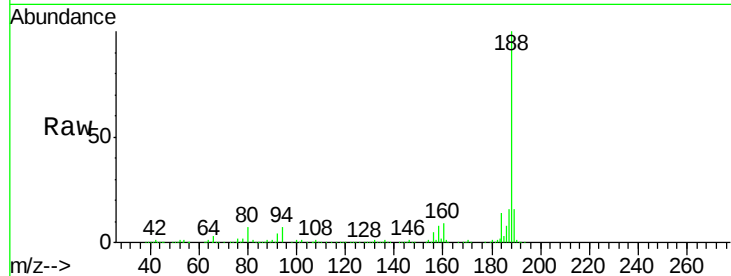
Tgt Ion:188 Resp: 551652

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

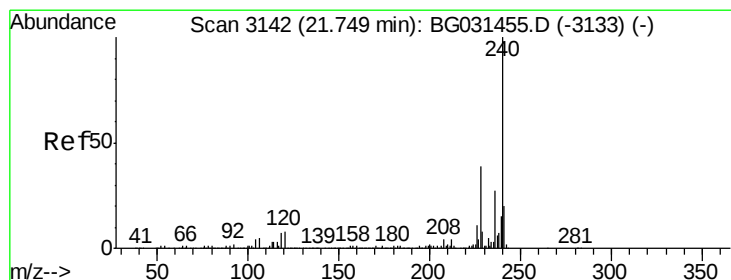
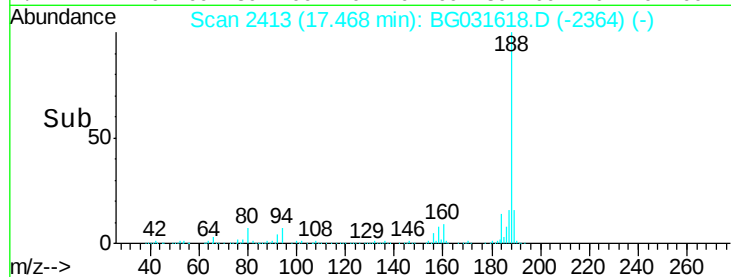
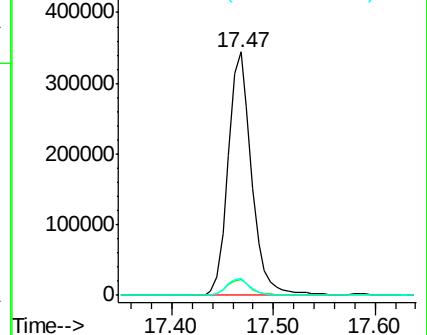
80 6.9 7.7 11.5#



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: 21.73 min Scan# 3139

Delta R.T. -0.02 min

Lab File: BG031618.D

Acq: 16 Dec 2017 9:58

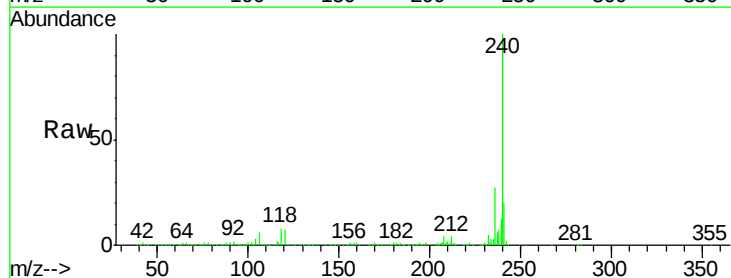
Tgt Ion:240 Resp: 625095

Ion Ratio Lower Upper

240 100

120 7.3 6.8 10.2

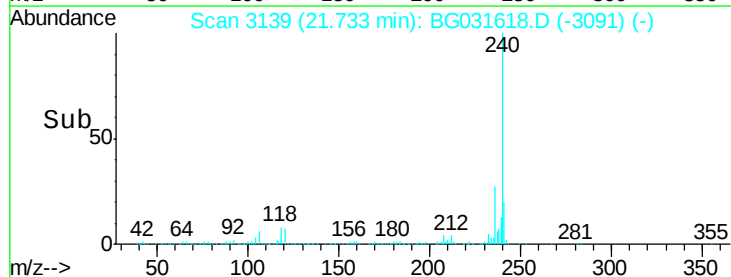
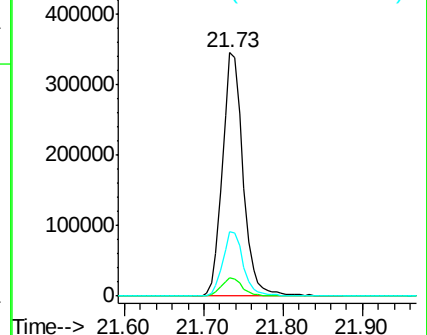
236 26.7 20.9 31.3

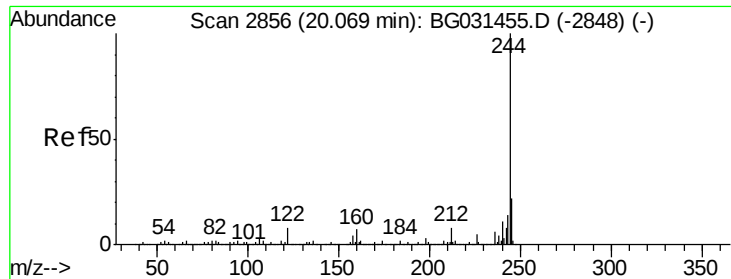


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.568 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031618.D

Acq: 16 Dec 2017 9:58

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ClientSampleId :

120817-JETT-F-D-B

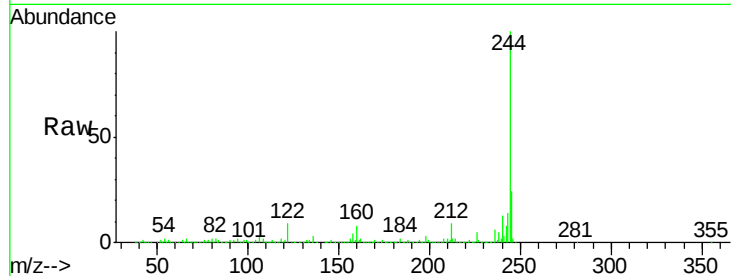
Tgt Ion:244 Resp: 2296021

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

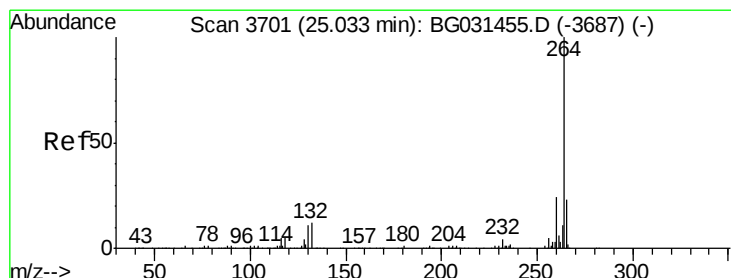
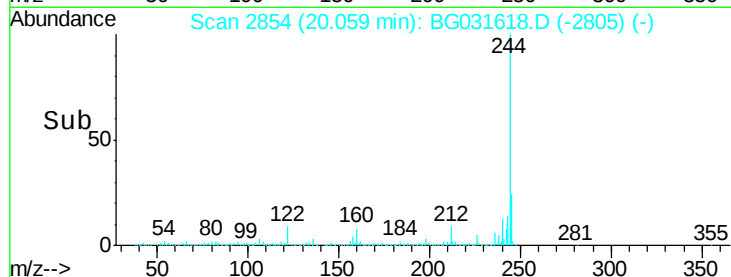
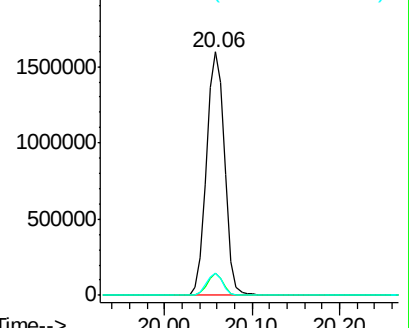
122 9.0 7.0 10.4



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: 25.01 min Scan# 3697

Delta R.T. -0.02 min

Lab File: BG031618.D

Acq: 16 Dec 2017 9:58

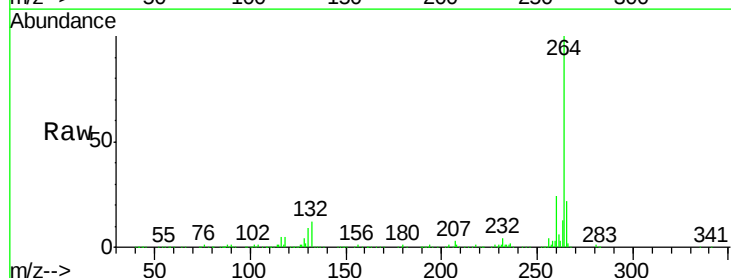
Tgt Ion:264 Resp: 532826

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 21.9 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

