

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
 Data File : BG035424.D
 Acq On : 27 Jun 2018 00:04
 Operator : JU/SJ
 Sample : J3688-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-109-6(65-67)

Quant Time: Jun 27 03:24:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

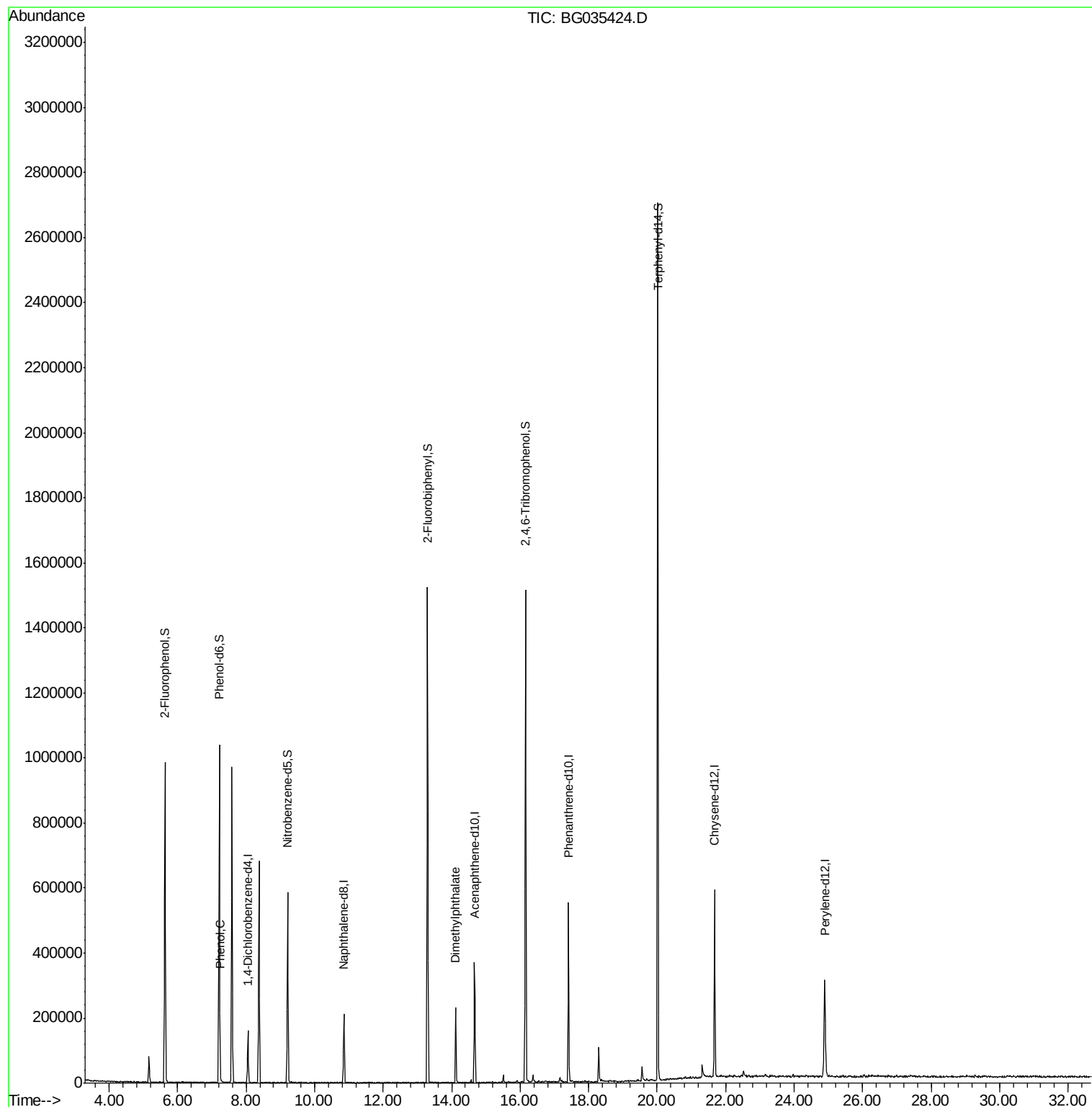
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	47468	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	180202	20.00	ng	-0.03
38) Acenaphthene-d10	14.68	164	130834	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	348322	20.00	ng	-0.03
75) Chrysene-d12	21.68	240	367711	20.00	ng	-0.04
86) Perylene-d12	24.89	264	346241	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	420264	149.41	ng	-0.02
7) Phenol-d6	7.21	99	625767	150.74	ng	0.00
23) Nitrobenzene-d5	9.21	82	386475	101.95	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	283193	169.09	ng	-0.03
44) 2-Fluorobiphenyl	13.29	172	823977	81.87	ng	-0.03
78) Terphenyl-d14	20.02	244	1330036	75.77	ng	-0.03
Target Compounds						
10) Phenol	7.24	94	10119	2.355	ng	90
49) Dimethylphthalate	14.12	163	149274	13.084	ng	99

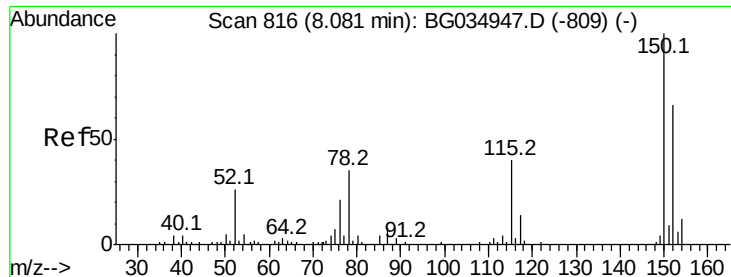
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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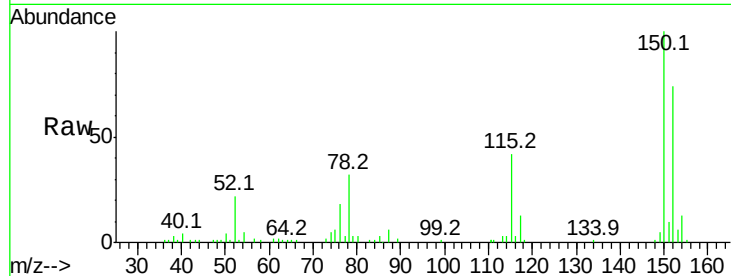


#1

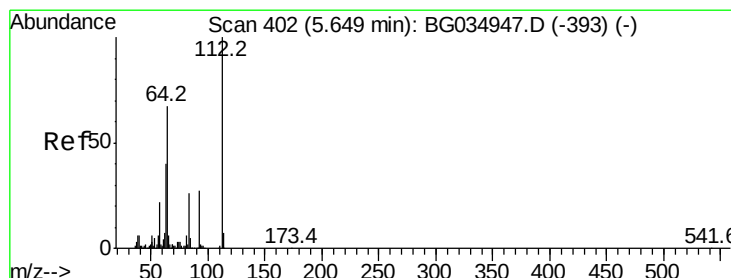
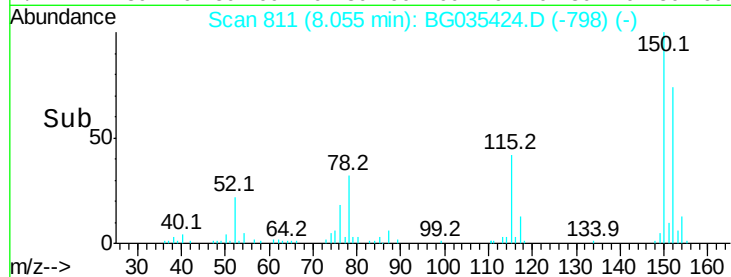
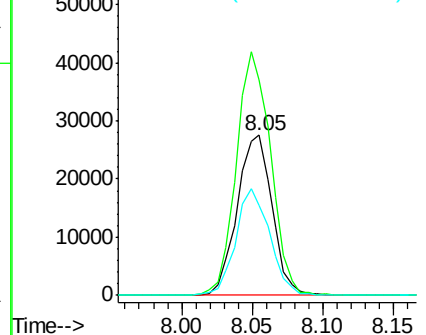
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035424.D
Acq: 27 Jun 2018 00:04

Instrument :
BNA_G
ClientSampleId :
EPE-109-6(65-67)

Tot Ion	Ratio	Lower	Upper
152	100		
150	134.7	126.6	189.8
115	55.9	53.0	79.4



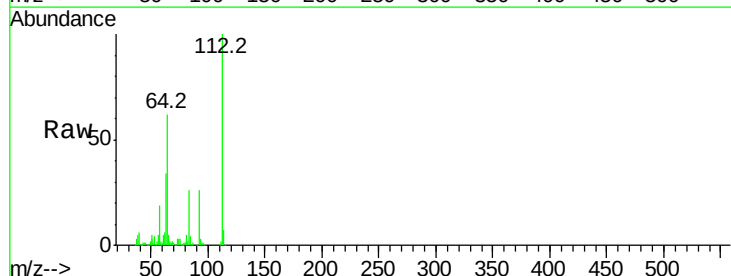
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



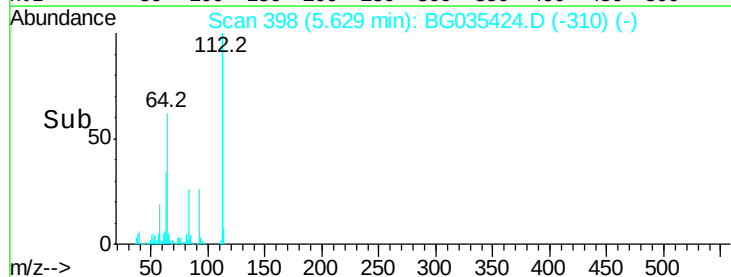
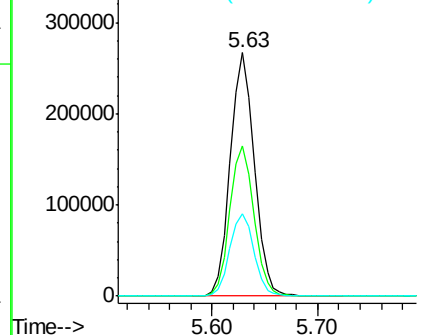
#5

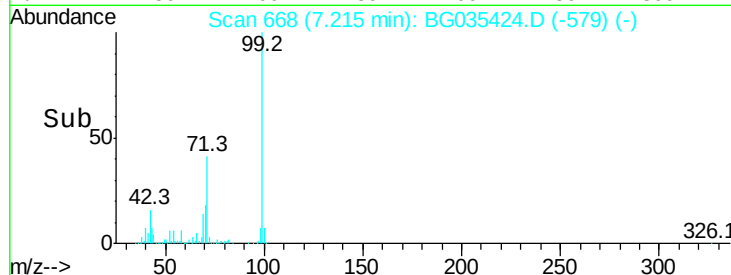
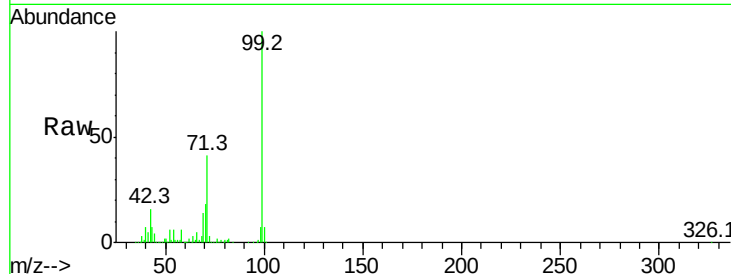
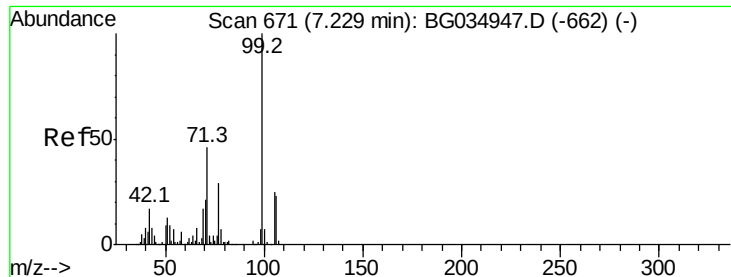
2-Fluorophenol
Concen: 149.414 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035424.D
Acq: 27 Jun 2018 00:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	56.3	84.5
63	33.7	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 150.735 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035424.D

Acq: 27 Jun 2018 00:04

Instrument :

BNA_G

ClientSampleId :

EPE-109-6(65-67)

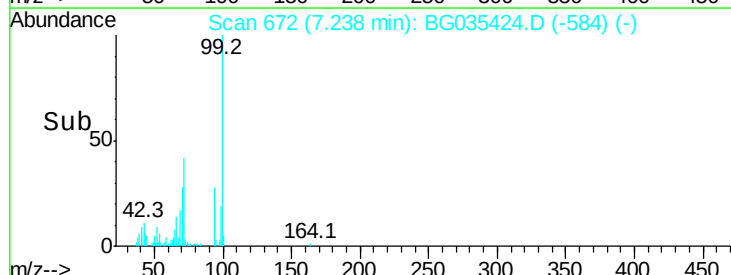
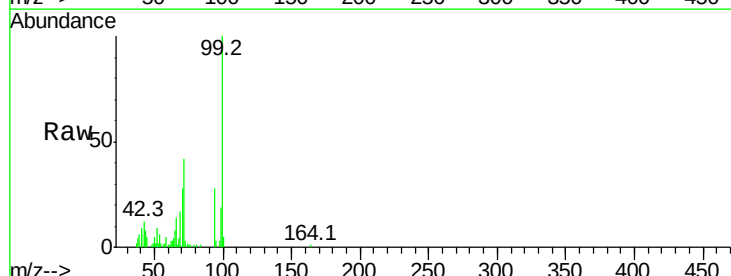
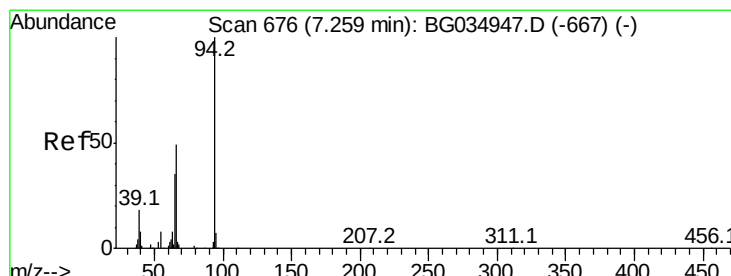
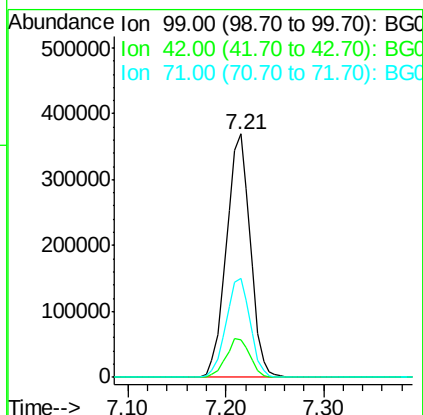
Tot Ion: 99 Resp: 625767

Ion Ratio Lower Upper

99 100

42 15.6 14.1 21.1

71 40.7 26.1 39.1#



#10

Phenol

Concen: 2.355 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG035424.D

Acq: 27 Jun 2018 00:04

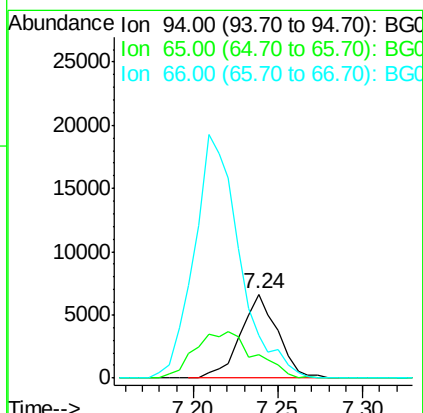
Tgt Ion: 94 Resp: 10119

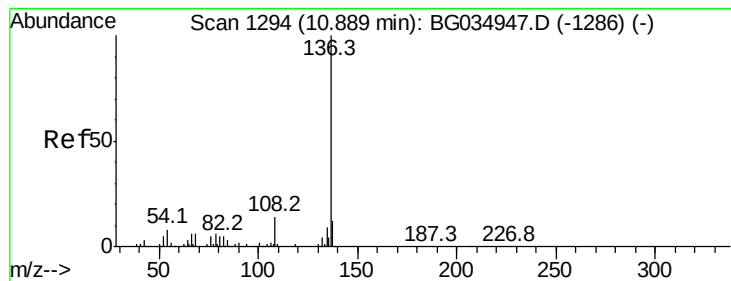
Ion Ratio Lower Upper

94 100

65 28.6 11.9 51.9

66 51.0 22.2 62.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1287

Delta R.T. -0.03 min

Lab File: BG035424.D

Acq: 27 Jun 2018 00:04

Instrument :

BNA_G

ClientSampleId :

EPE-109-6(65-67)

Tot Ion:136 Resp: 180202

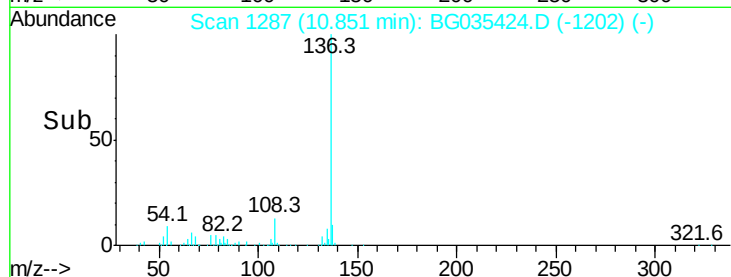
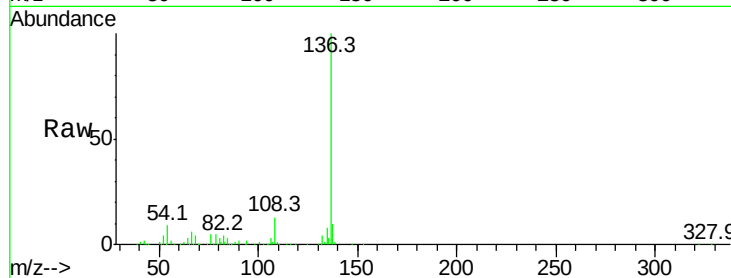
Ion Ratio Lower Upper

136 100

137 10.5 9.2 13.8

54 8.5 10.3 15.5#

68 4.4 4.5 6.7#

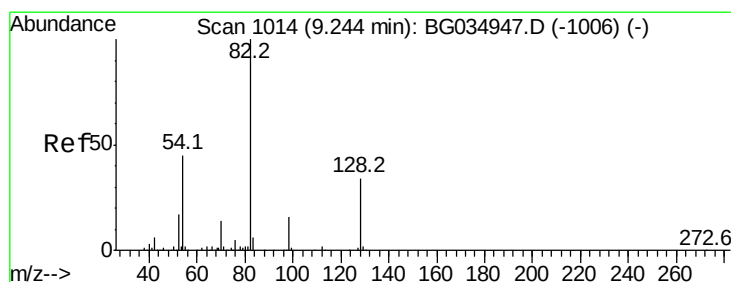
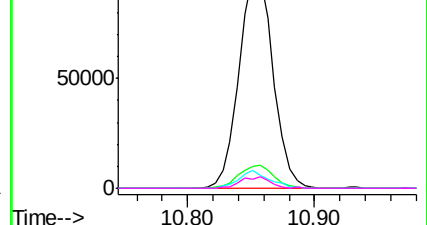


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.946 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.03 min

Lab File: BG035424.D

Acq: 27 Jun 2018 00:04

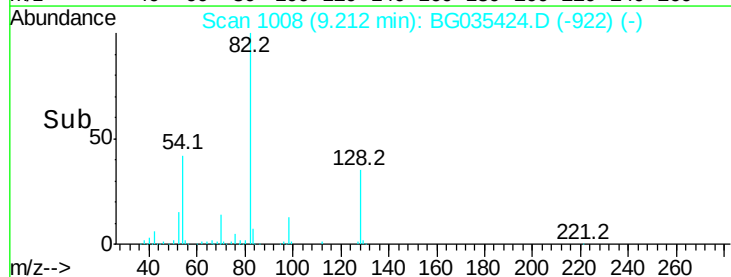
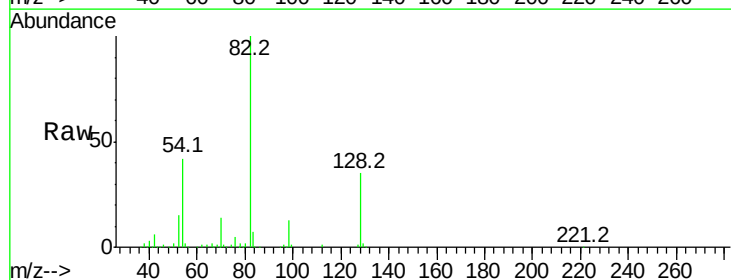
Tgt Ion: 82 Resp: 386475

Ion Ratio Lower Upper

82 100

128 35.3 29.7 44.5

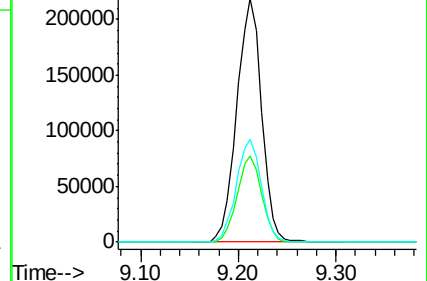
54 42.1 43.1 64.7#

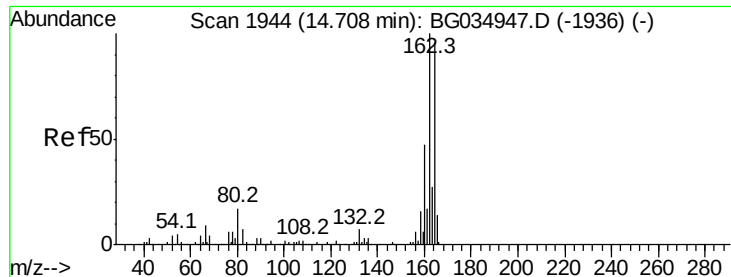


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.68 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035424.D

Acq: 27 Jun 2018 00:04

Instrument :

BNA_G

ClientSampleId :

EPE-109-6(65-67)

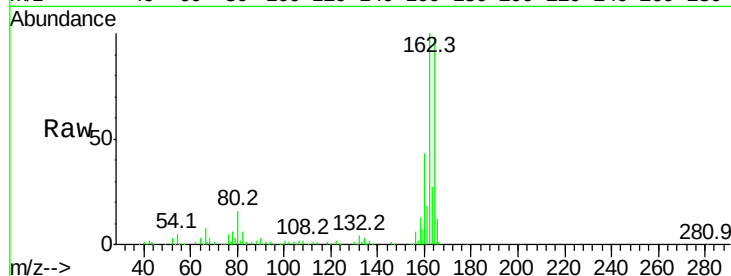
Tot Ion:164 Resp: 130834

Ion Ratio Lower Upper

164 100

162 101.9 78.8 118.2

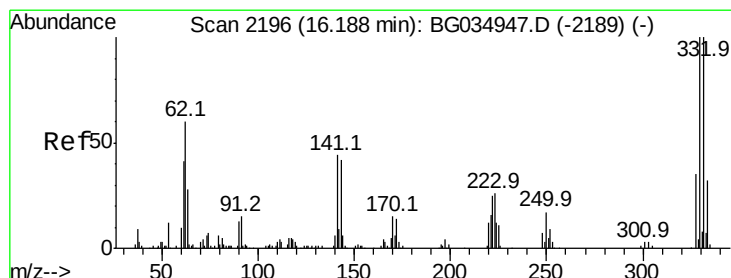
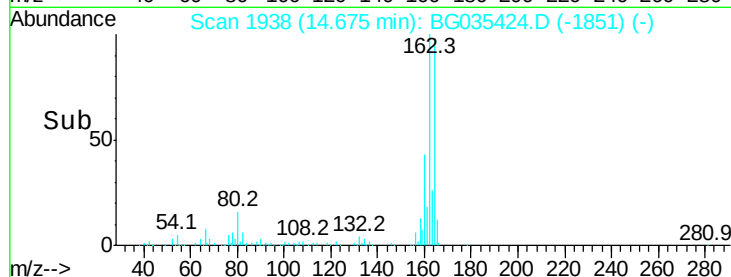
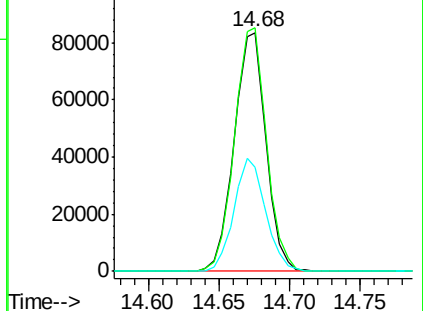
160 43.3 35.4 53.0



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: 169.086 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.03 min

Lab File: BG035424.D

Acq: 27 Jun 2018 00:04

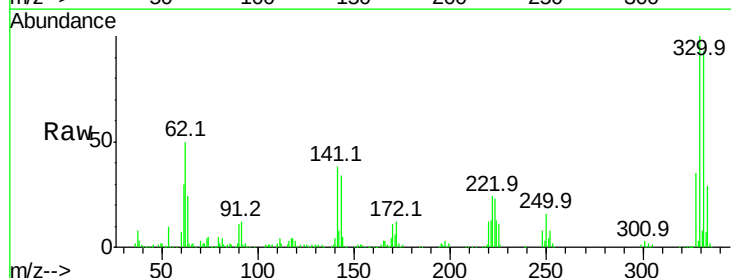
Tgt Ion:330 Resp: 283193

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

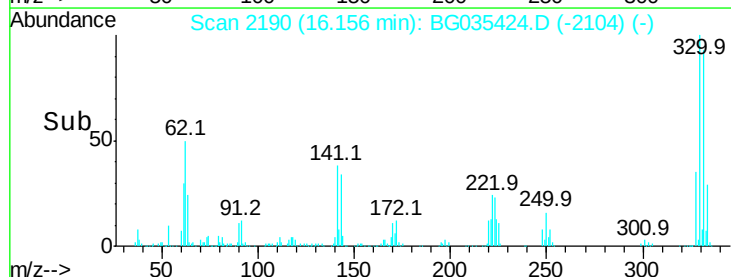
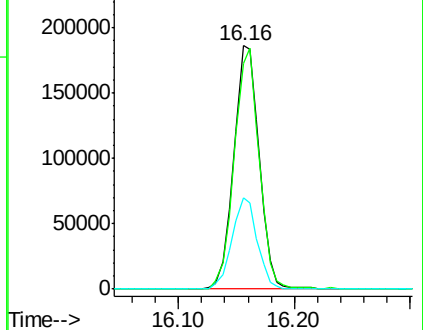
141 37.4 25.2 37.8

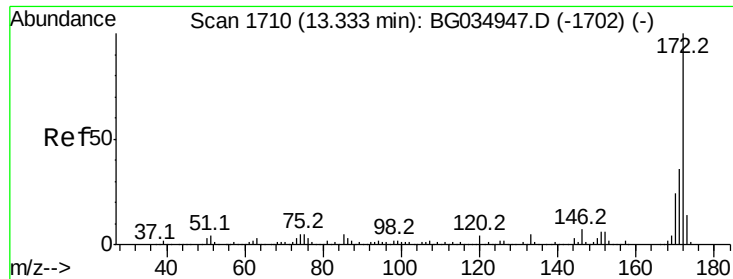


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

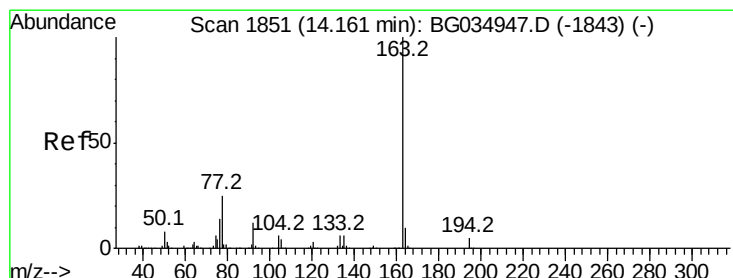
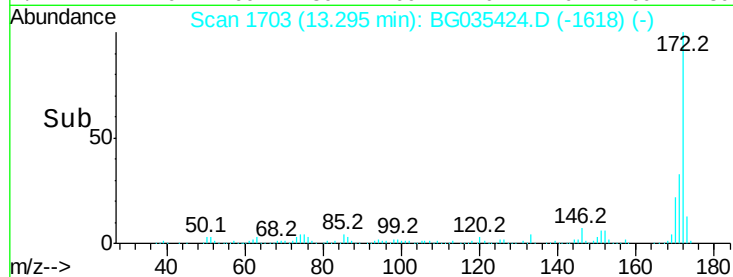
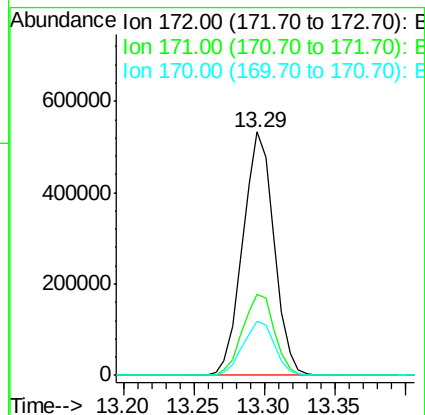
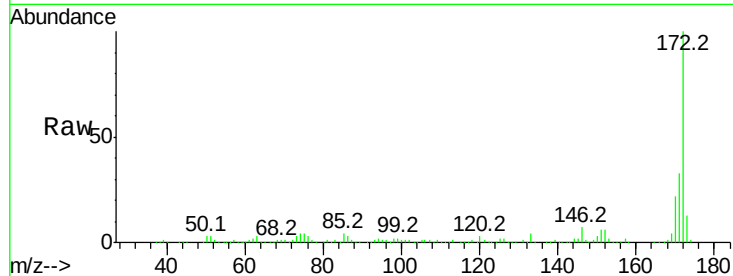




#44
 2-Fluorobiphenyl
 Concen: 81.872 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.03 min
 Lab File: BG035424.D
 Acq: 27 Jun 2018 00:04

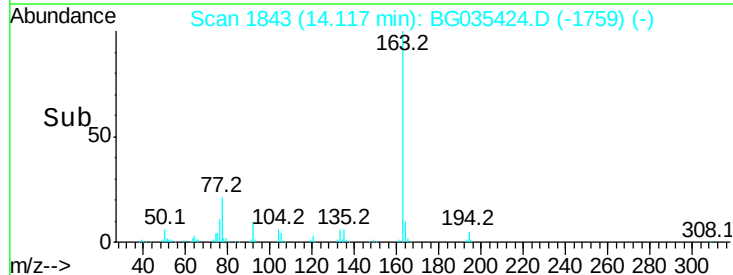
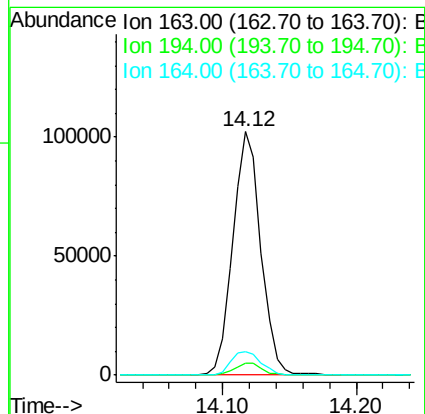
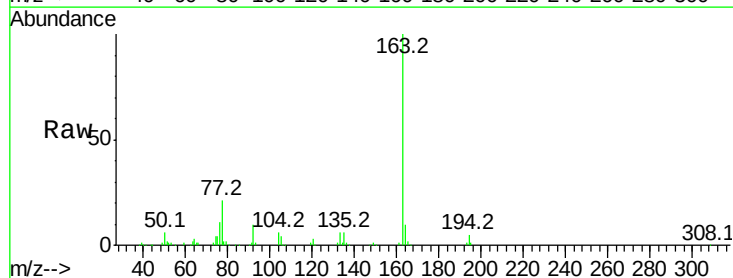
Instrument :
 BNA_G
 ClientSampleId :
 EPE-109-6(65-67)

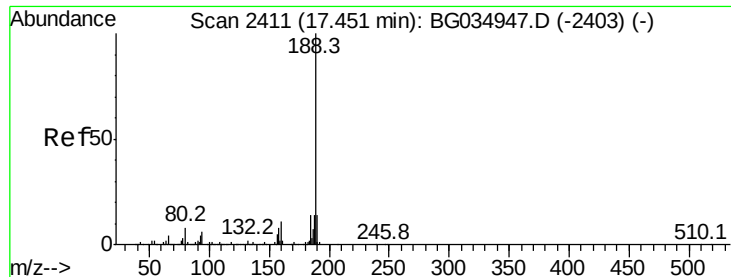
Tot Ion:172 Resp: 823977
 Ion Ratio Lower Upper
 172 100
 171 33.4 30.0 45.0
 170 22.3 19.5 29.3



#49
 Dimethylphthalate
 Concen: 13.084 ng
 RT: 14.12 min Scan# 1843
 Delta R.T. -0.04 min
 Lab File: BG035424.D
 Acq: 27 Jun 2018 00:04

Tgt Ion:163 Resp: 149274
 Ion Ratio Lower Upper
 163 100
 194 4.9 3.4 5.2
 164 9.9 8.2 12.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.03 min

Lab File: BG035424.D

Acq: 27 Jun 2018 00:04

Instrument :

BNA_G

ClientSampleId :

EPE-109-6(65-67)

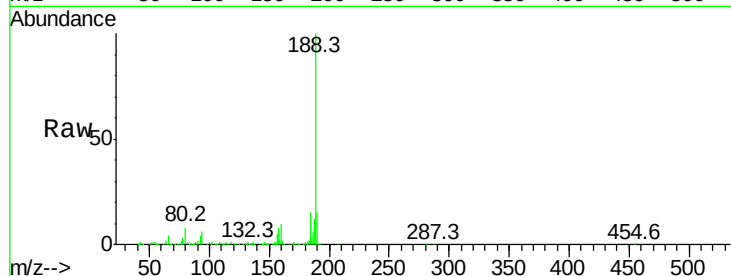
Tot Ion:188 Resp: 348322

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

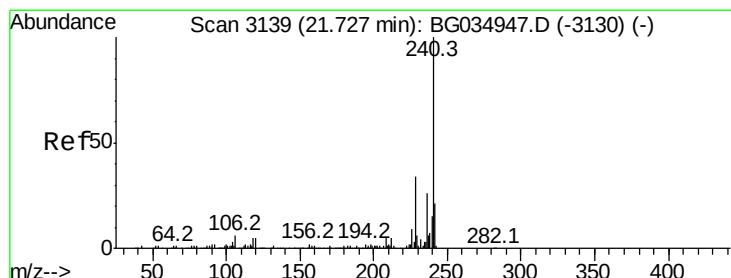
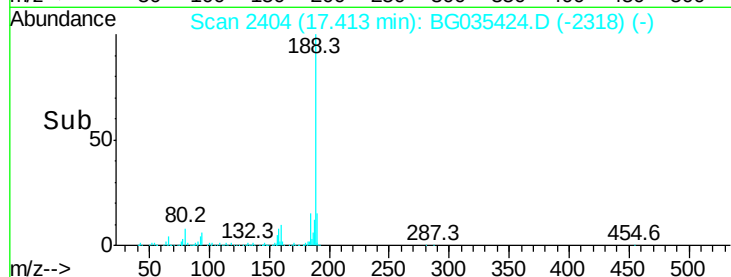
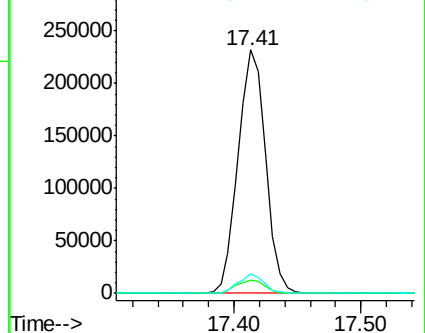
80 7.9 7.7 11.5



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: 21.68 min Scan# 3130

Delta R.T. -0.04 min

Lab File: BG035424.D

Acq: 27 Jun 2018 00:04

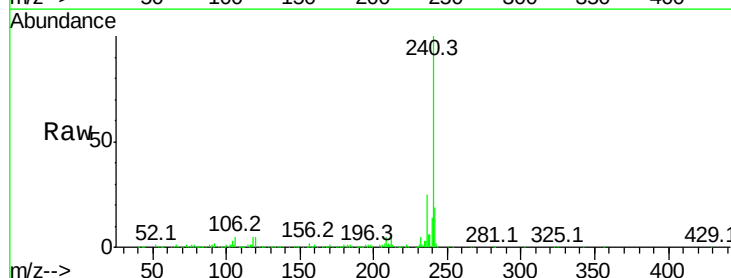
Tgt Ion:240 Resp: 367711

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

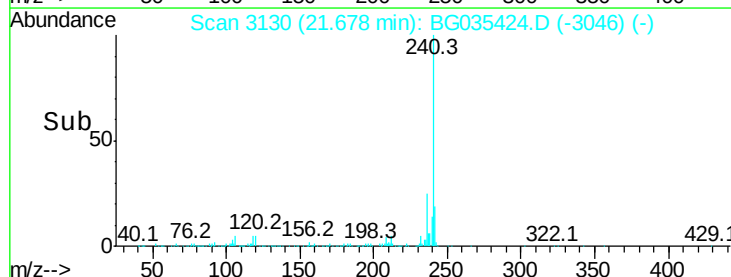
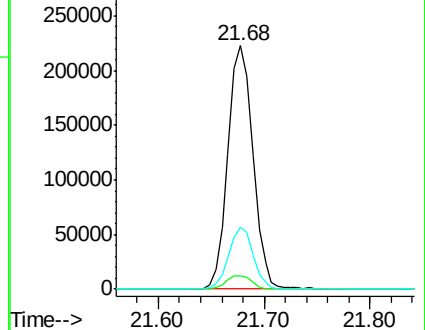
236 25.2 20.9 31.3

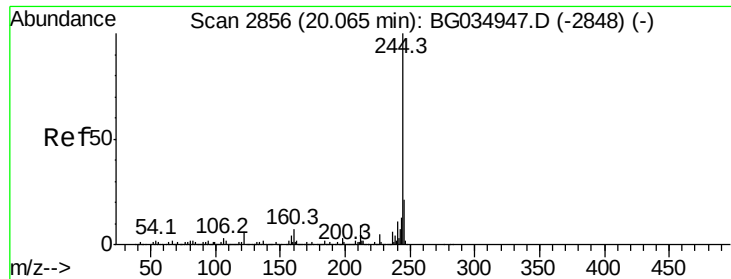


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.766 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.03 min

Lab File: BG035424.D

Acq: 27 Jun 2018 00:04

Instrument :

BNA_G

ClientSampleId :

EPE-109-6(65-67)

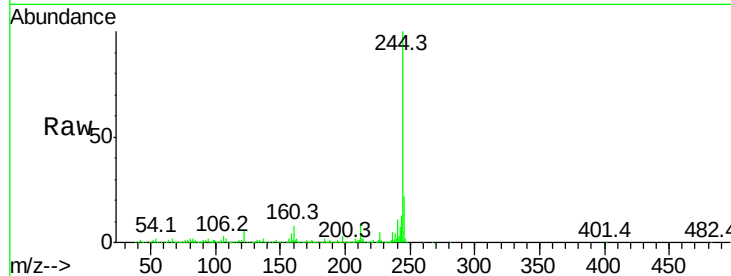
Tot Ion:244 Resp: 1330036

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

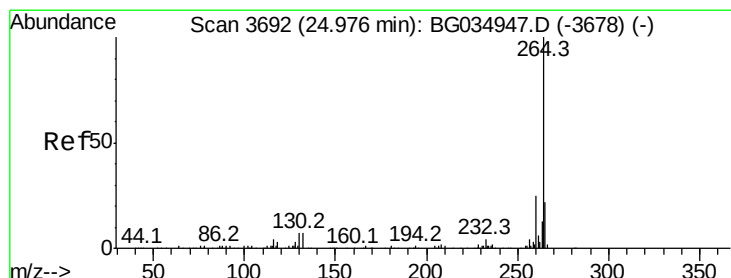
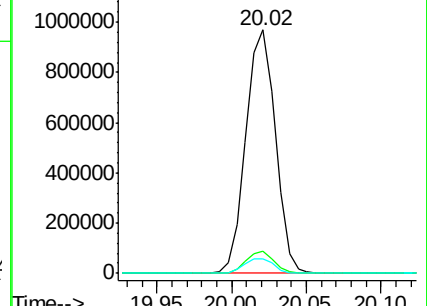
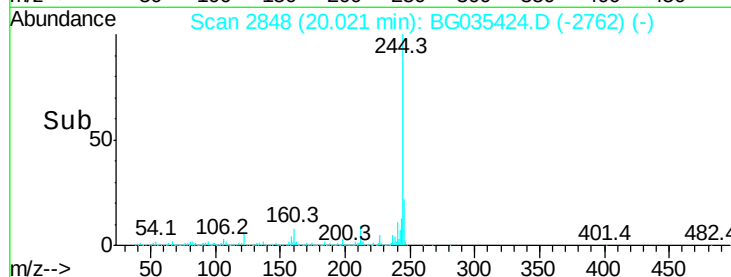
122 6.1 7.0 10.4#



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: 24.89 min Scan# 3677

Delta R.T. -0.06 min

Lab File: BG035424.D

Acq: 27 Jun 2018 00:04

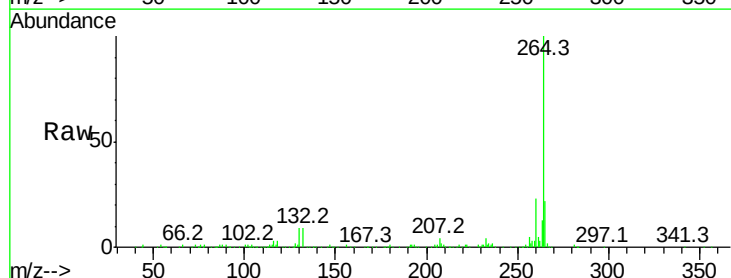
Tgt Ion:264 Resp: 346241

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 22.3 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

