

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
 Data File : BG035419.D
 Acq On : 26 Jun 2018 20:51
 Operator : JU/SJ
 Sample : J3665-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-105-4(110-112)

Quant Time: Jun 27 03:05:50 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

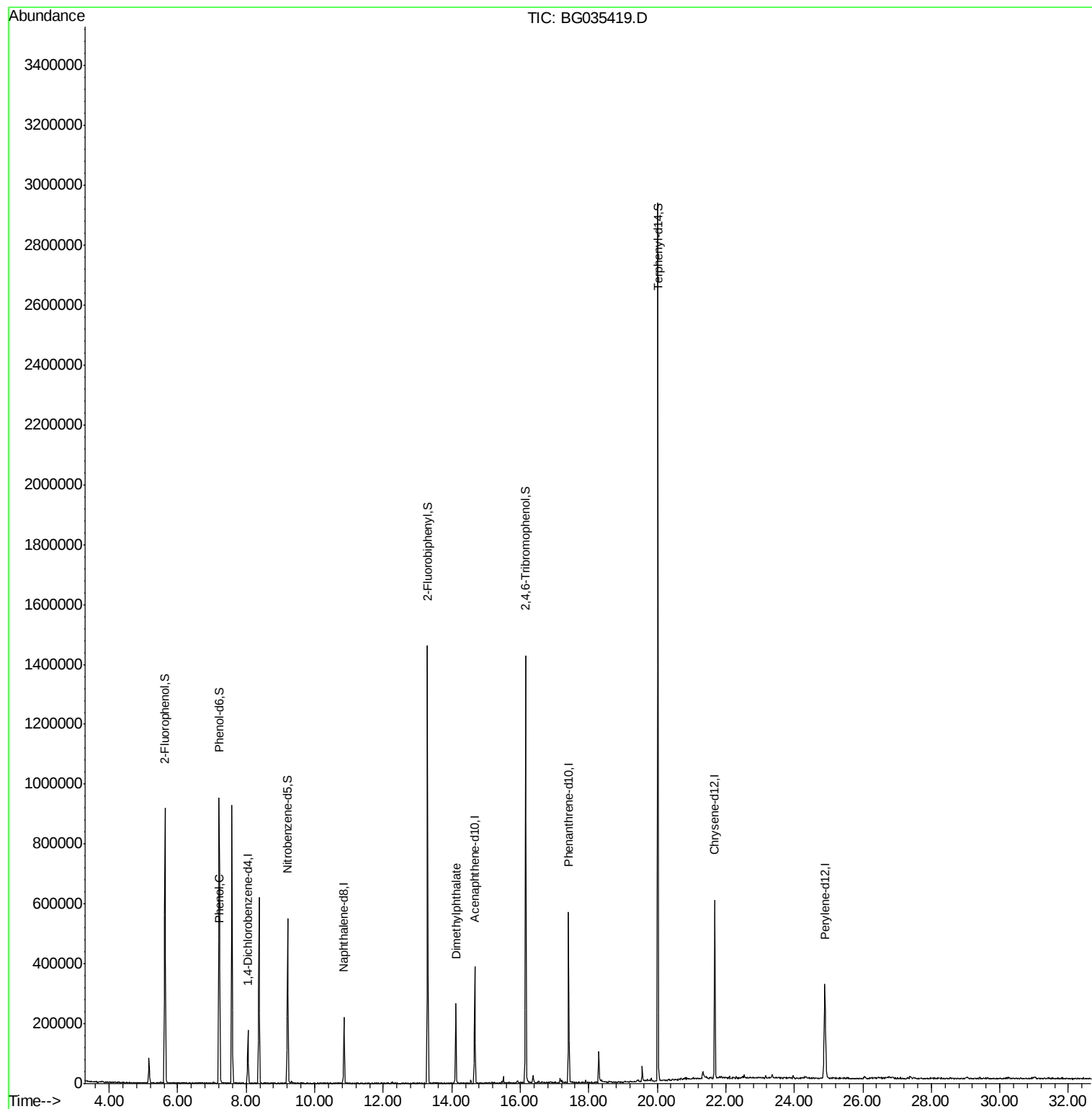
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	50672	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	190844	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	131369	20.00	ng	-0.03
63) Phenanthrene-d10	17.41	188	360122	20.00	ng	-0.03
75) Chrysene-d12	21.68	240	378905	20.00	ng	-0.04
86) Perylene-d12	24.89	264	365437	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	398925	132.86	ng	-0.02
7) Phenol-d6	7.21	99	593371	133.89	ng	-0.02
23) Nitrobenzene-d5	9.21	82	375294	93.48	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	269202	160.08	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	788051	77.98	ng	-0.03
78) Terphenyl-d14	20.02	244	1392912	77.00	ng	-0.03
Target Compounds						
10) Phenol	7.23	94	10699	2.333	ng	Qvalue # 55
49) Dimethylphthalate	14.12	163	165202	14.421	ng	99

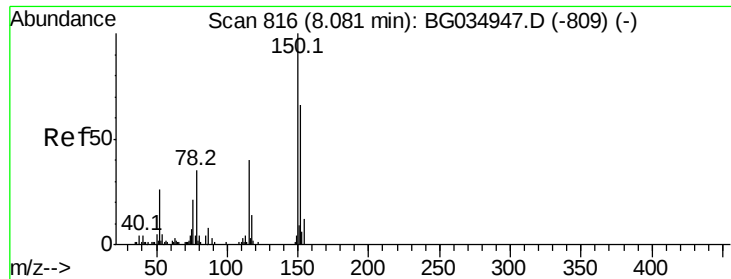
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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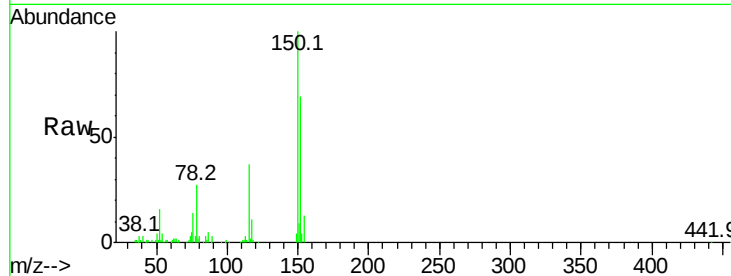


#1

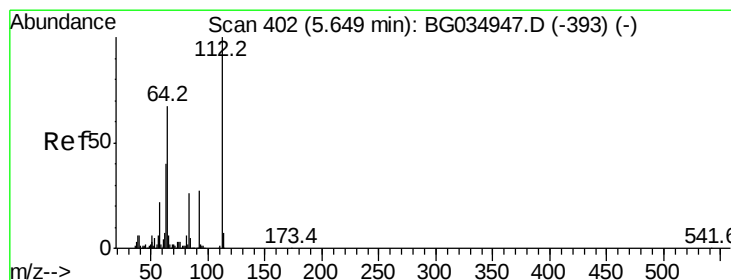
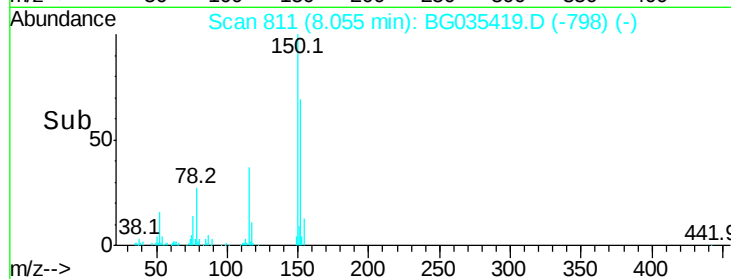
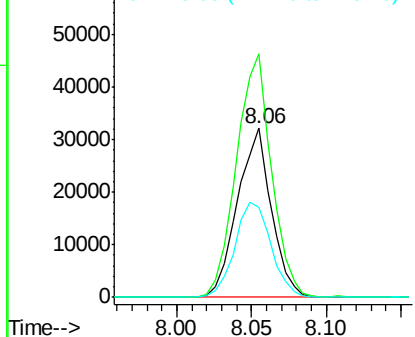
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035419.D
Acq: 26 Jun 2018 20:51

Instrument :
BNA_G
ClientSampleId :
EPE-105-4(110-112)

Tot Ion:152 Resp: 50672
Ion Ratio Lower Upper
152 100
150 144.3 126.6 189.8
115 53.3 53.0 79.4



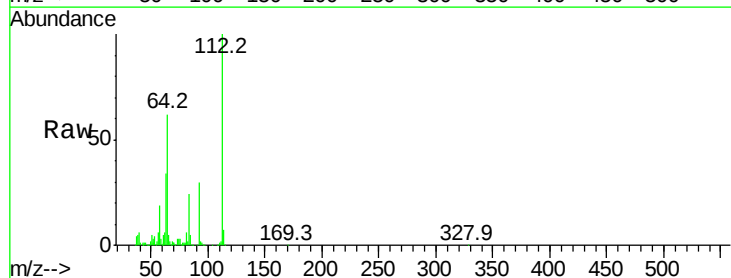
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



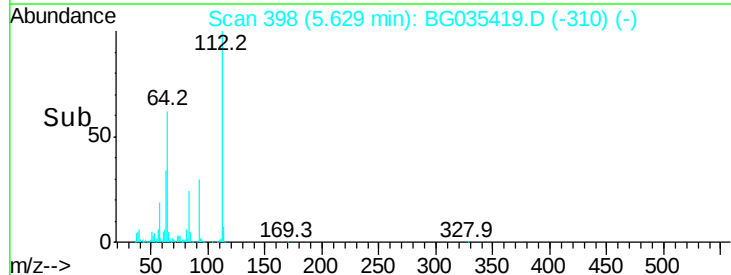
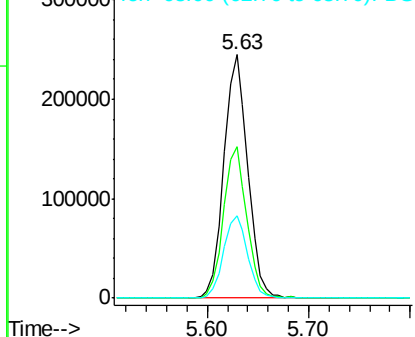
#5

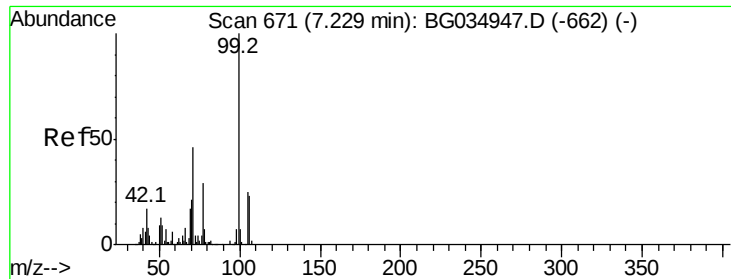
2-Fluorophenol
Concen: 132.860 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035419.D
Acq: 26 Jun 2018 20:51

Tgt Ion:112 Resp: 398925
Ion Ratio Lower Upper
112 100
64 62.1 56.3 84.5
63 33.8 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: 133.894 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.02 min

Lab File: BG035419.D

Acq: 26 Jun 2018 20:51

Instrument :

BNA_G

ClientSampleId :

EPE-105-4(110-112)

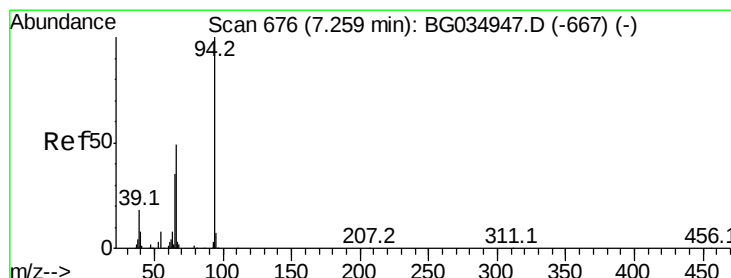
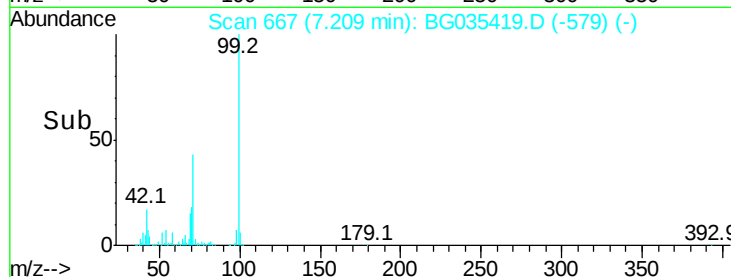
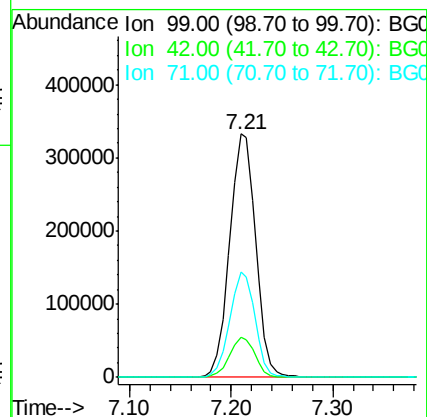
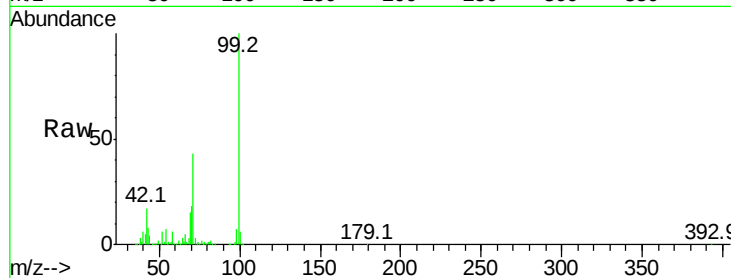
Tot Ion: 99 Resp: 593371

Ion Ratio Lower Upper

99 100

42 16.5 14.1 21.1

71 43.1 26.1 39.1#



#10

Phenol

Concen: 2.333 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.02 min

Lab File: BG035419.D

Acq: 26 Jun 2018 20:51

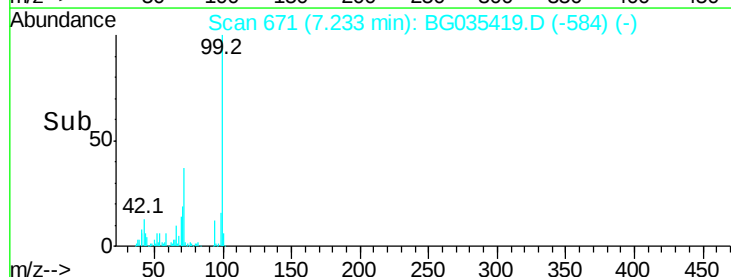
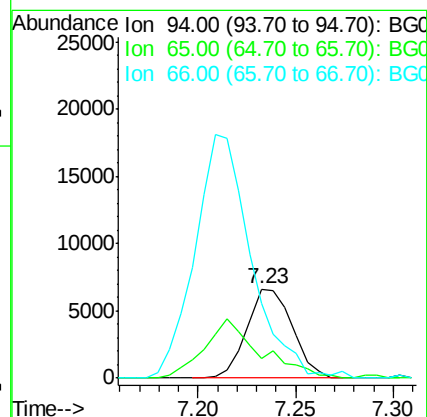
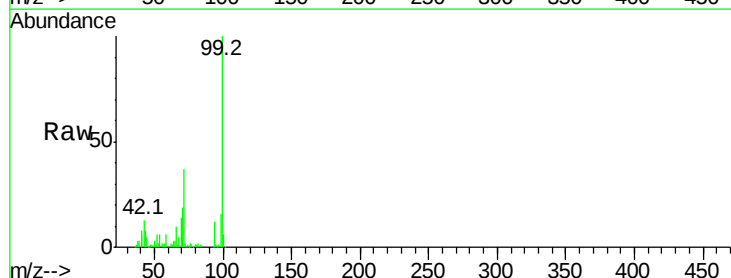
Tgt Ion: 94 Resp: 10699

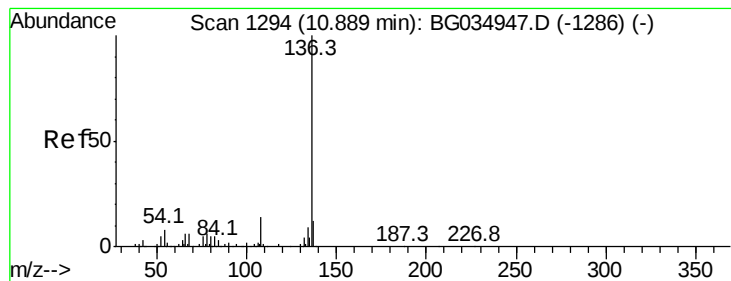
Ion Ratio Lower Upper

94 100

65 21.8 11.9 51.9

66 83.6 22.2 62.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035419.D

Acq: 26 Jun 2018 20:51

Instrument :

BNA_G

ClientSampleId :

EPE-105-4(110-112)

Tot Ion:136 Resp: 190844

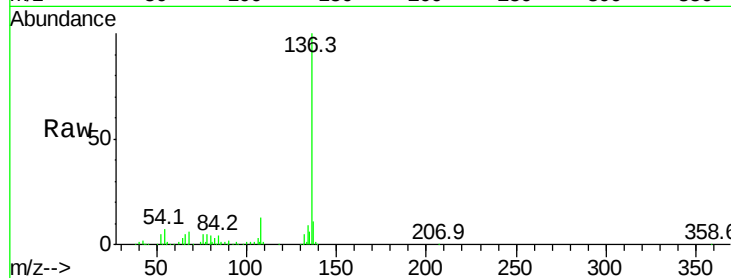
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.4 10.3 15.5#

68 5.9 4.5 6.7

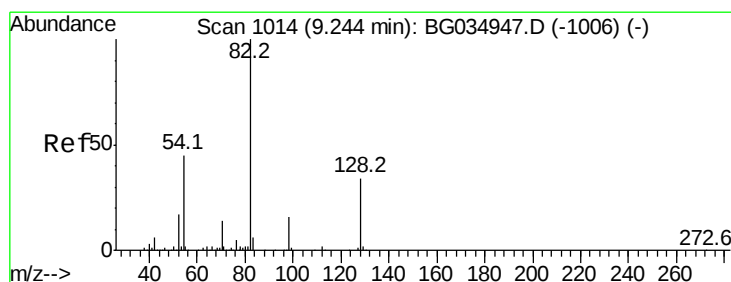
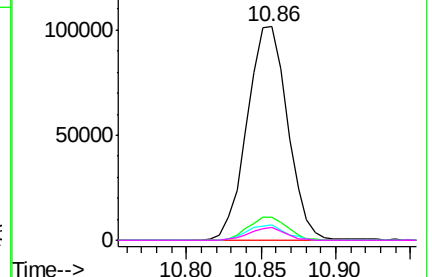
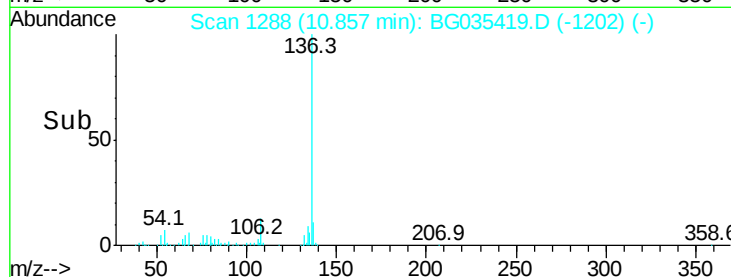


Abundance Ion 136.00 (135.70 to 136.70): B

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



#23

Nitrobenzene-d5

Concen: 93.476 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.03 min

Lab File: BG035419.D

Acq: 26 Jun 2018 20:51

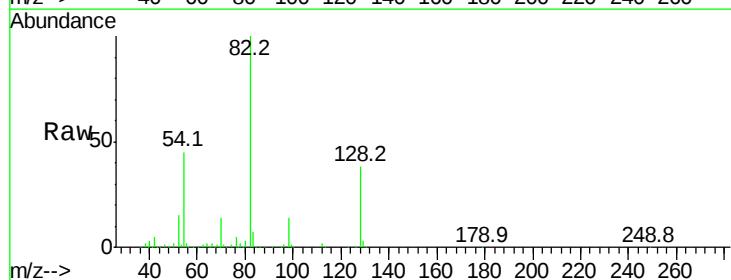
Tgt Ion: 82 Resp: 375294

Ion Ratio Lower Upper

82 100

128 37.6 29.7 44.5

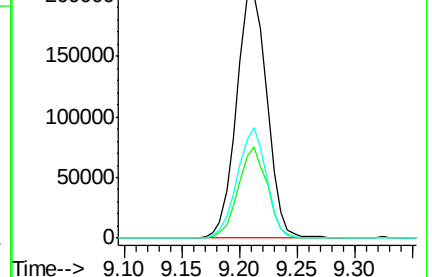
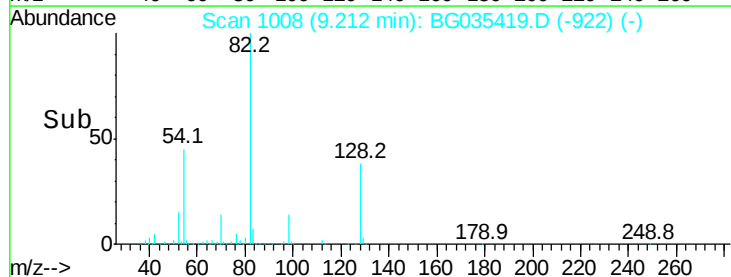
54 45.3 43.1 64.7

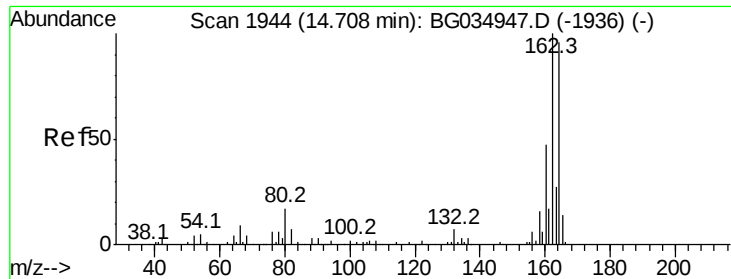


Abundance Ion 82.00 (81.70 to 82.70): B

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): B





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.03 min

Lab File: BG035419.D

Acq: 26 Jun 2018 20:51

Instrument :

BNA_G

ClientSampleId :

EPE-105-4(110-112)

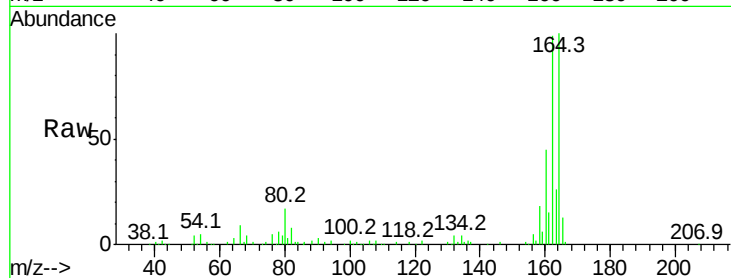
Tot Ion:164 Resp: 131369

Ion Ratio Lower Upper

164 100

162 99.4 78.8 118.2

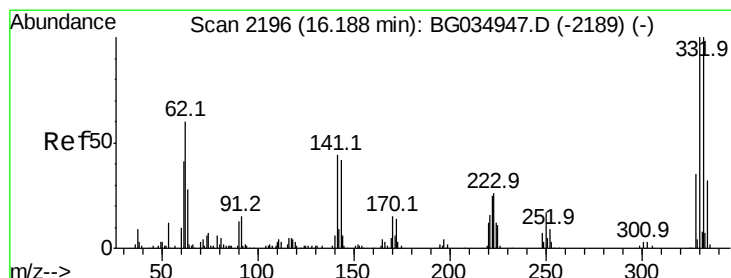
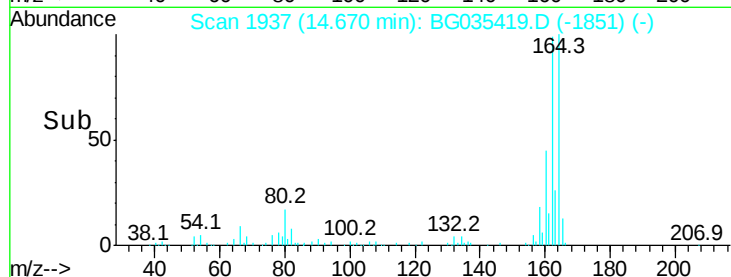
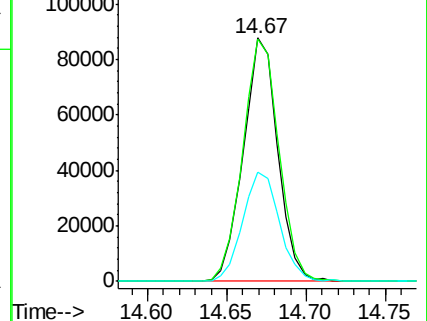
160 45.1 35.4 53.0



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: 160.078 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035419.D

Acq: 26 Jun 2018 20:51

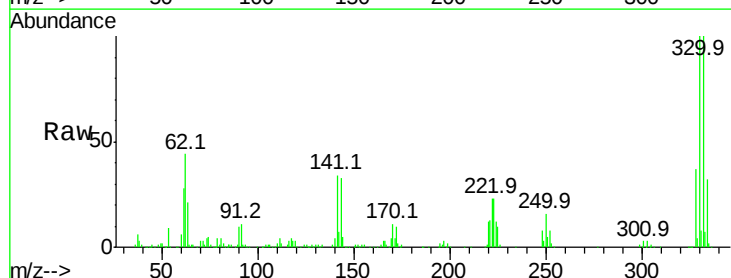
Tgt Ion:330 Resp: 269202

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

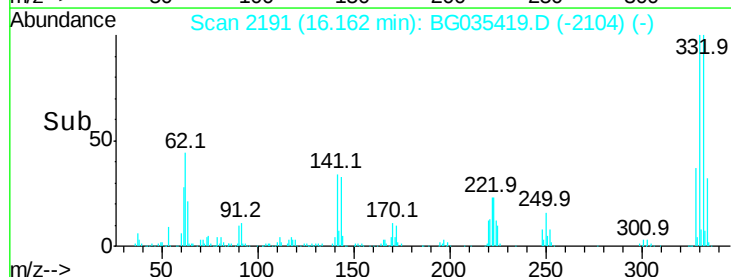
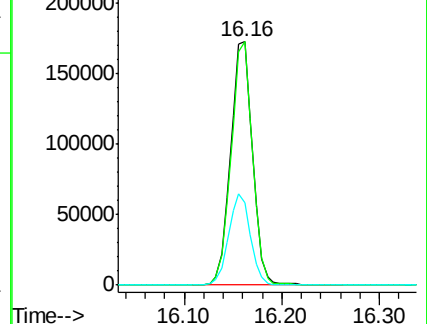
141 36.9 25.2 37.8

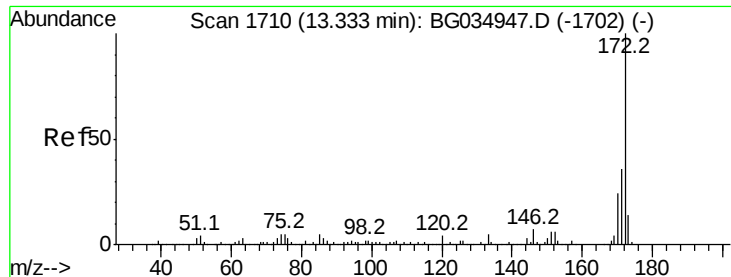


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

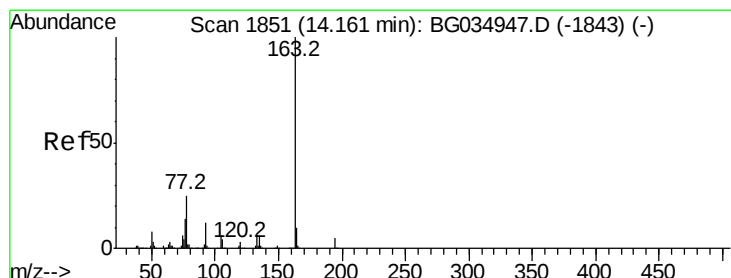
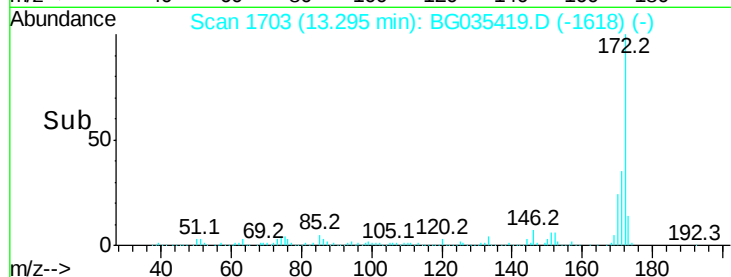
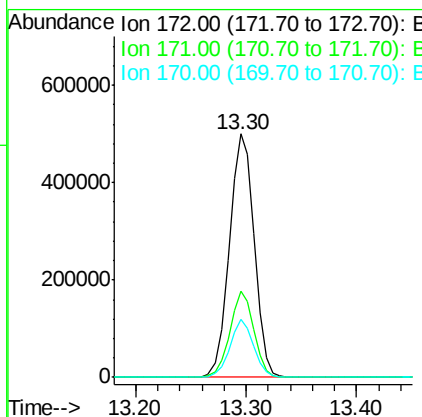
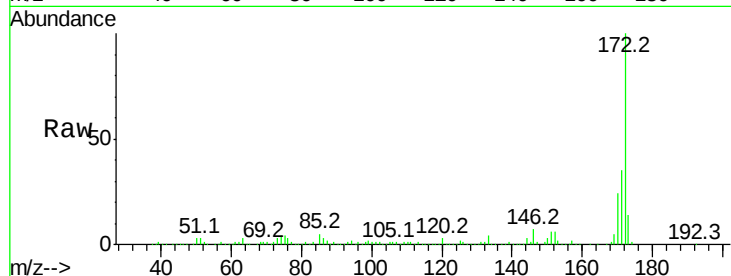




#44
2-Fluorobiphenyl
Concen: 77.984 ng
RT: 13.30 min Scan# 1703
Delta R.T. -0.03 min
Lab File: BG035419.D
Acq: 26 Jun 2018 20:51

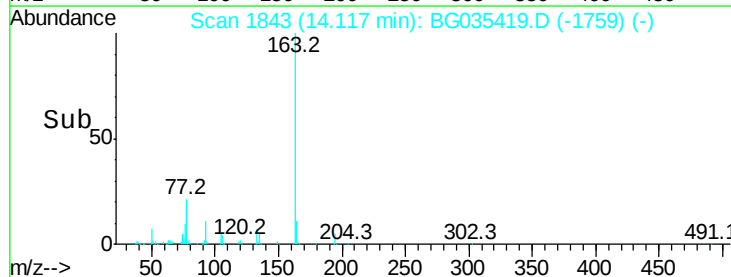
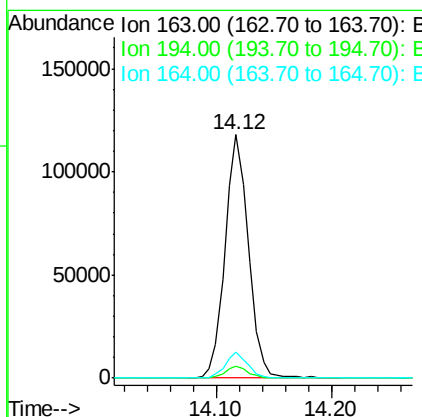
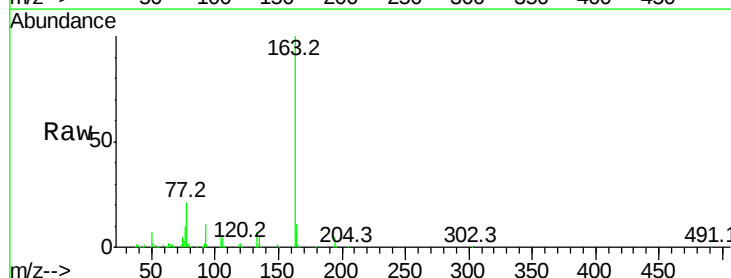
Instrument :
BNA_G
ClientSampleId :
EPE-105-4(110-112)

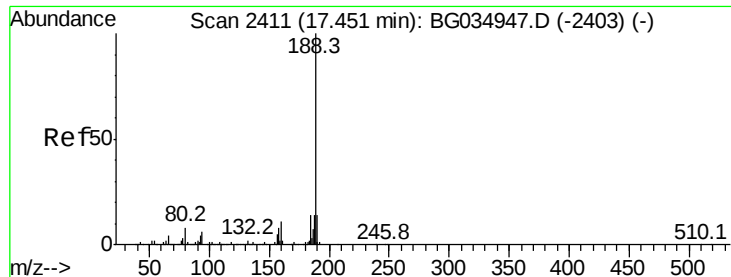
Tot Ion:172 Resp: 788051
Ion Ratio Lower Upper
172 100
171 35.2 30.0 45.0
170 23.7 19.5 29.3



#49
Dimethylphthalate
Concen: 14.421 ng
RT: 14.12 min Scan# 1843
Delta R.T. -0.04 min
Lab File: BG035419.D
Acq: 26 Jun 2018 20:51

Tgt Ion:163 Resp: 165202
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.2
164 10.7 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: BG035419.D

Acq: 26 Jun 2018 20:51

Instrument :

BNA_G

ClientSampleId :

EPE-105-4(110-112)

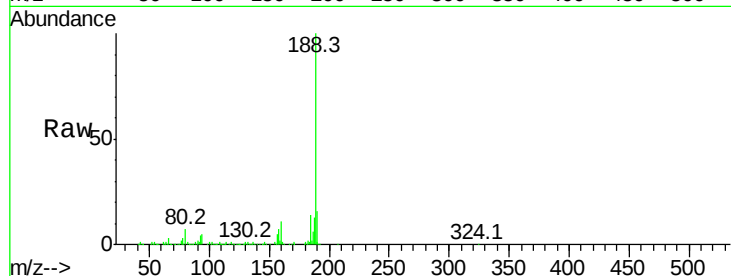
Tot Ion:188 Resp: 360122

Ion Ratio Lower Upper

188 100

94 5.4 6.9 10.3#

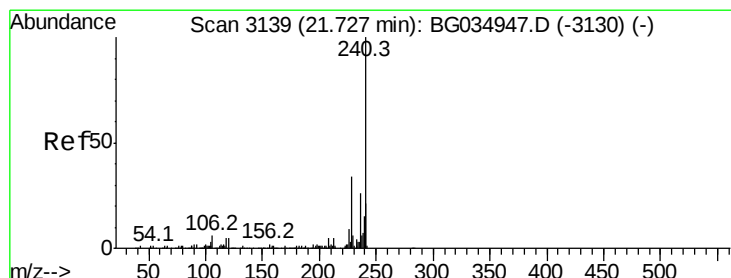
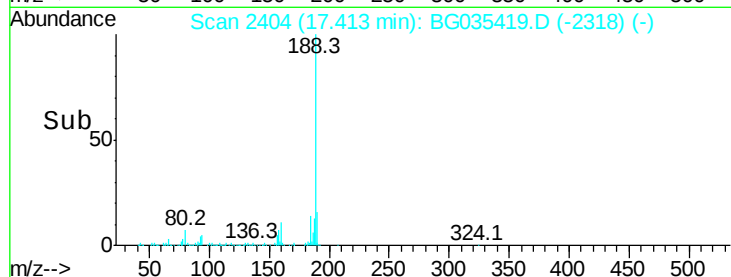
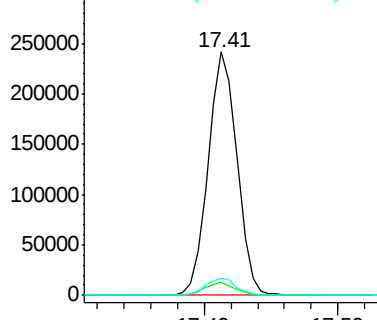
80 7.0 7.7 11.5#



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: BG035419.D

Acq: 26 Jun 2018 20:51

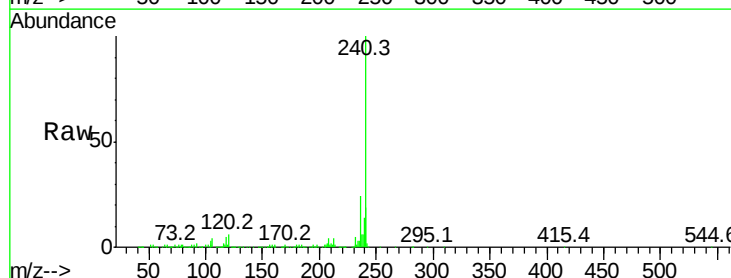
Tgt Ion:240 Resp: 378905

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

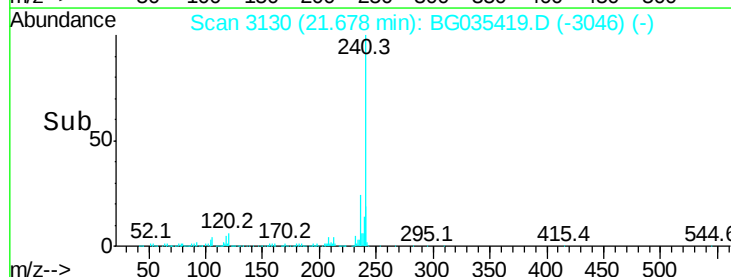
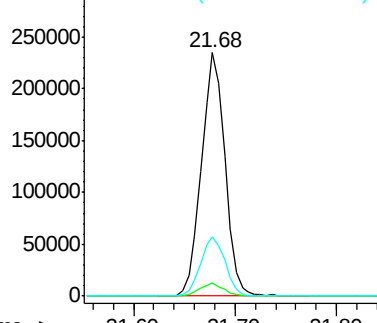
236 24.3 20.9 31.3

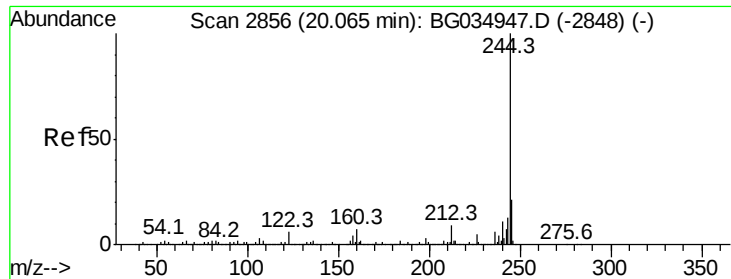


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.003 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.03 min

Lab File: BG035419.D

Acq: 26 Jun 2018 20:51

Instrument :

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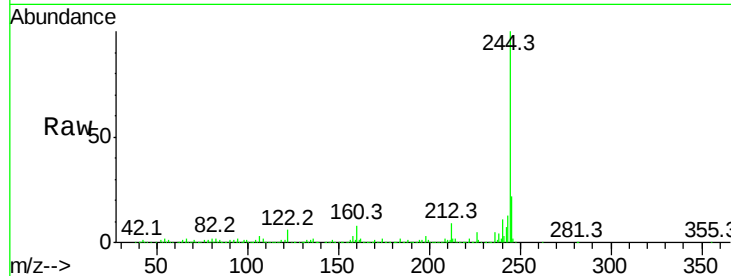
Tot Ion:244 Resp: 1392912

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

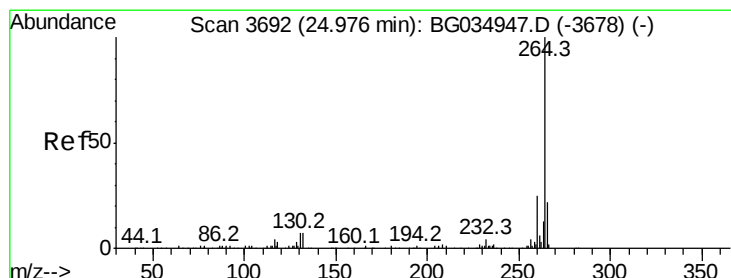
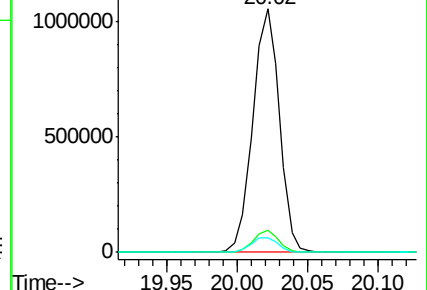
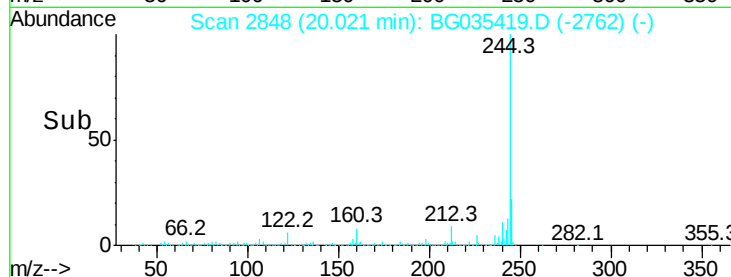
122 5.9 7.0 10.4#



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: BG035419.D

Acq: 26 Jun 2018 20:51

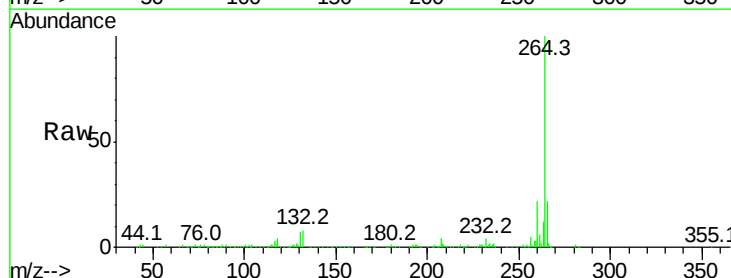
Tgt Ion:264 Resp: 365437

Ion Ratio Lower Upper

264 100

260 22.4 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

