

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062718\
 Data File : BG035458.D
 Acq On : 27 Jun 2018 23:25
 Operator : JU/SJ
 Sample : J3694-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PZ-4

Quant Time: Jun 28 02:08:46 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

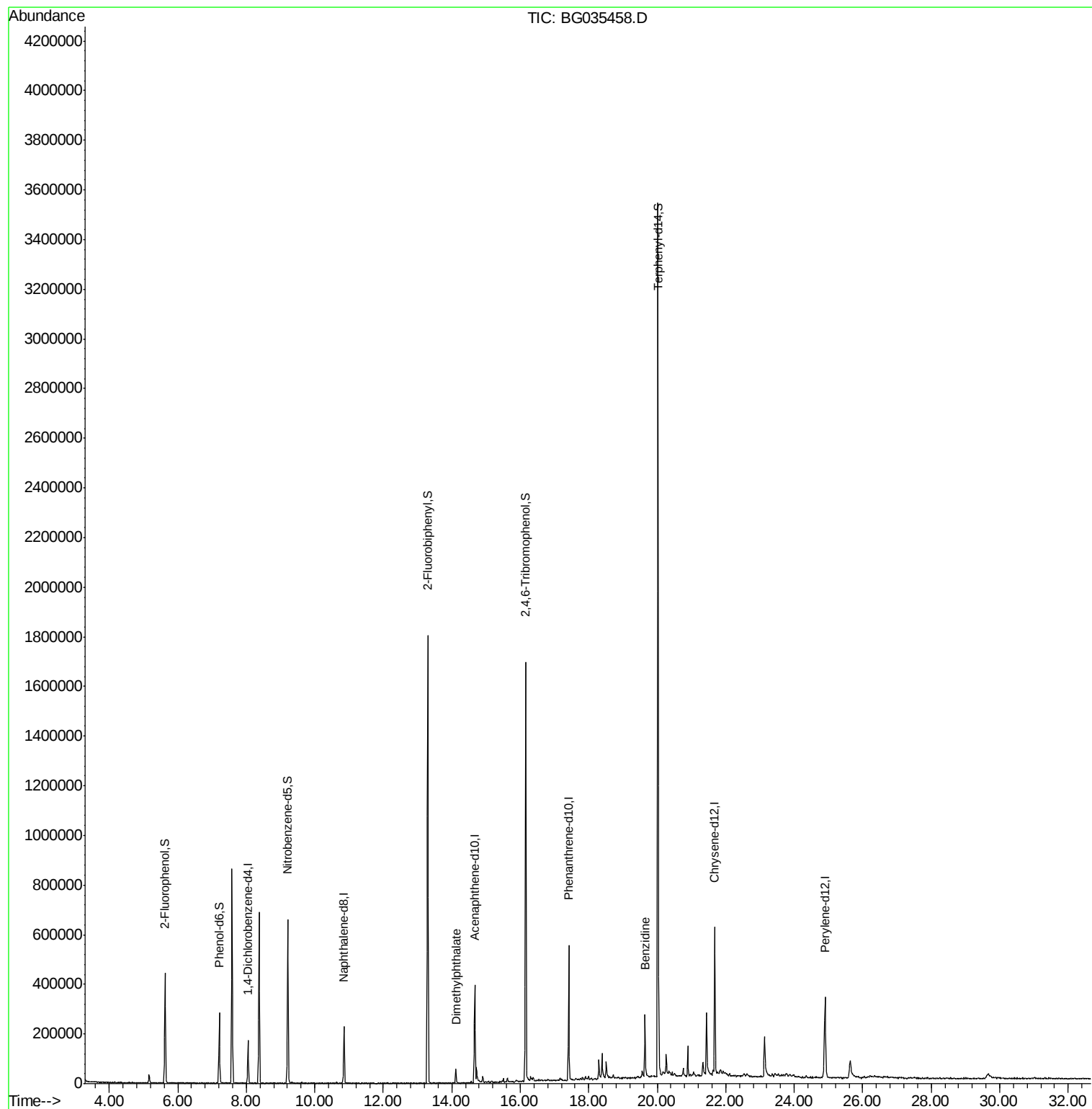
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49644	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	185835	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	135395	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	333996	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	365086	20.00	ng	-0.04
86) Perylene-d12	24.90	264	364259	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	202368	68.79	ng	-0.01
7) Phenol-d6	7.21	99	183182	42.19	ng	-0.02
23) Nitrobenzene-d5	9.21	82	447786	114.54	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	313965	181.14	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	961062	92.28	ng	-0.03
78) Terphenyl-d14	20.02	244	1677130	96.23	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.12	163	38114	3.228	ng	Qvalue # 96
76) Benzidine	19.64	184	166059	12.226	ng	97

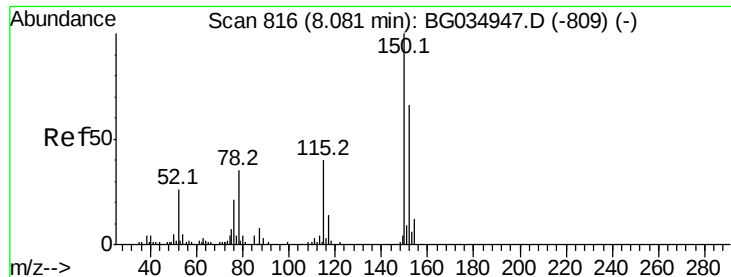
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062718\
Data File : BG035458.D
Acq On : 27 Jun 2018 23:25
Operator : JU/SJ
Sample : J3694-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PZ-4

Quant Time: Jun 28 02:08:46 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



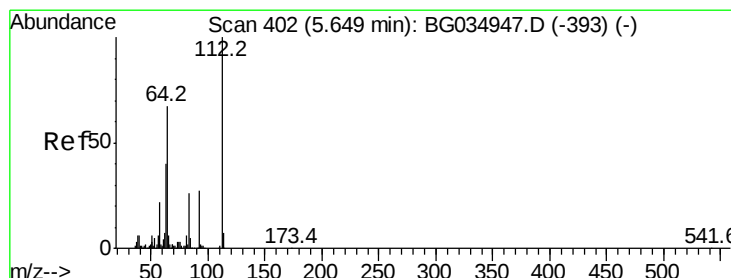
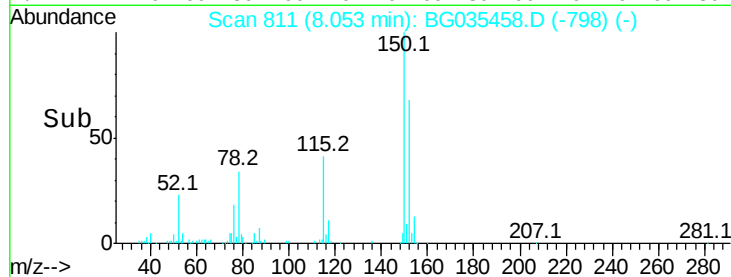
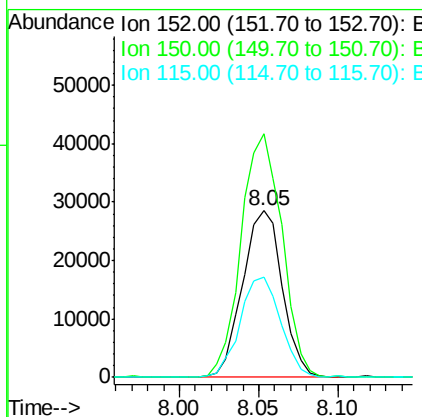
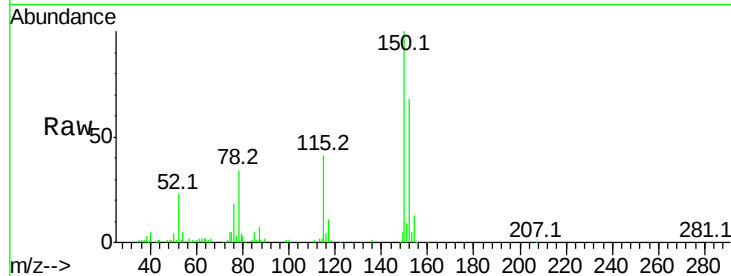


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035458.D
Acq: 27 Jun 2018 23:25

Instrument :
BNA_G
ClientSampleId :
PZ-4

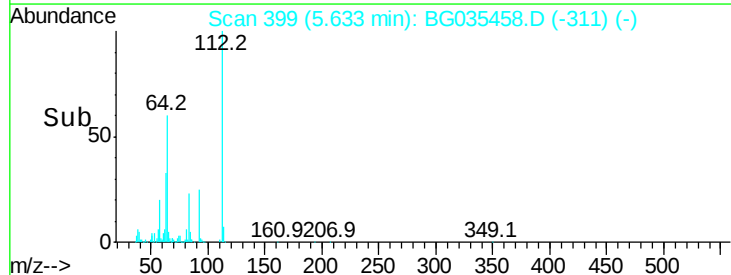
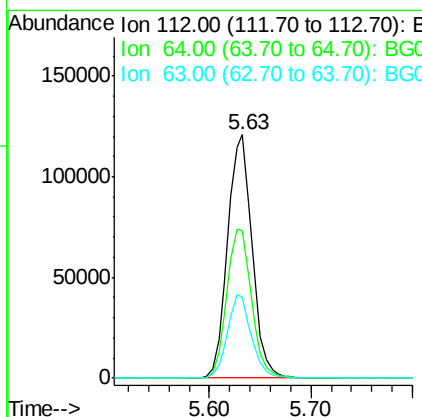
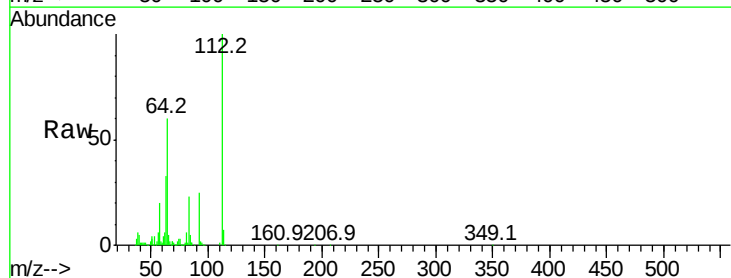
Tot Ion:152 Resp: 49644
Ion Ratio Lower Upper
152 100
150 146.1 126.6 189.8
115 60.4 53.0 79.4

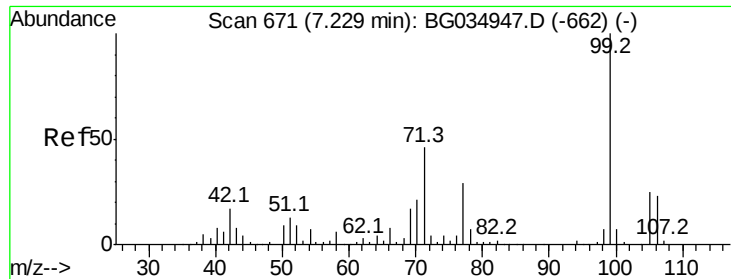


#5

2-Fluorophenol
Concen: 68.793 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035458.D
Acq: 27 Jun 2018 23:25

Tgt Ion:112 Resp: 202368
Ion Ratio Lower Upper
112 100
64 60.4 56.3 84.5
63 33.0 30.1 45.1





#7

Phenol-d6

Concen: 42.191 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.02 min

Lab File: BG035458.D

Acq: 27 Jun 2018 23:25

Instrument :

BNA_G

ClientSampled :

PZ-4

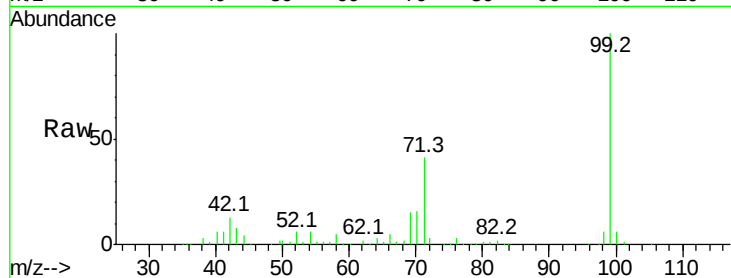
Tot Ion: 99 Resp: 183182

Ion Ratio Lower Upper

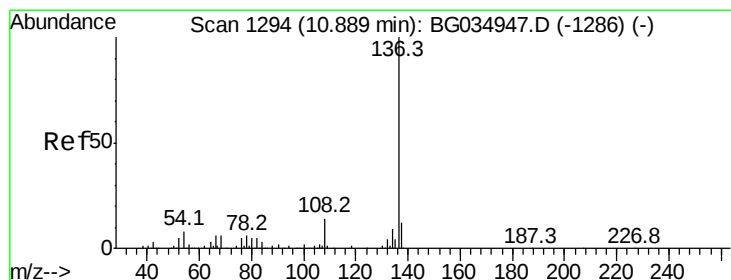
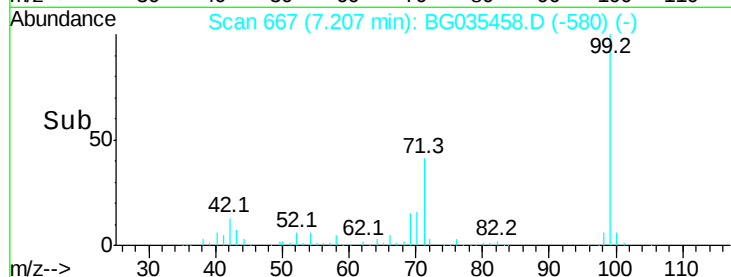
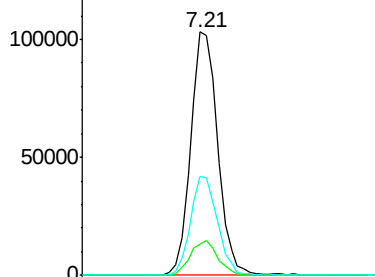
99 100

42 13.1 14.1 21.1#

71 40.6 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035458.D

Acq: 27 Jun 2018 23:25

Tgt Ion: 136 Resp: 185835

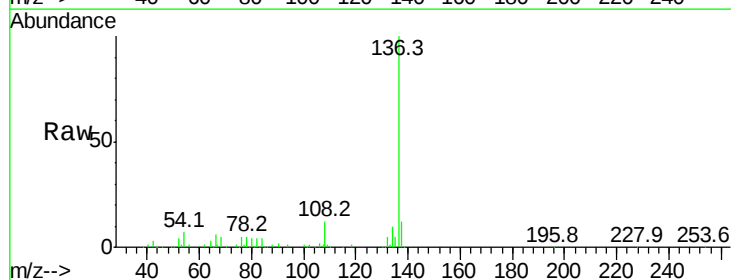
Ion Ratio Lower Upper

136 100

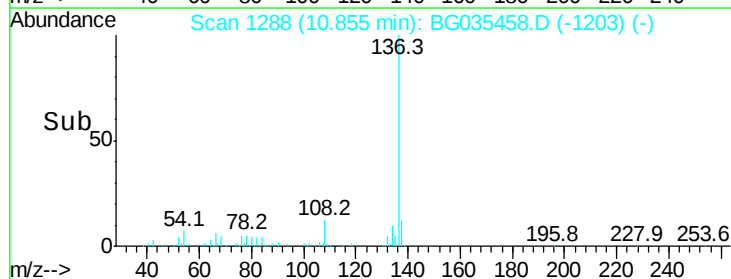
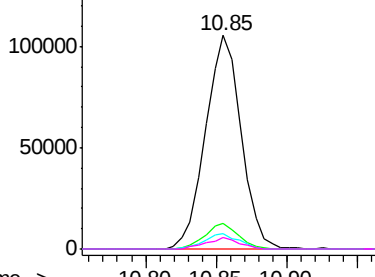
137 12.0 9.2 13.8

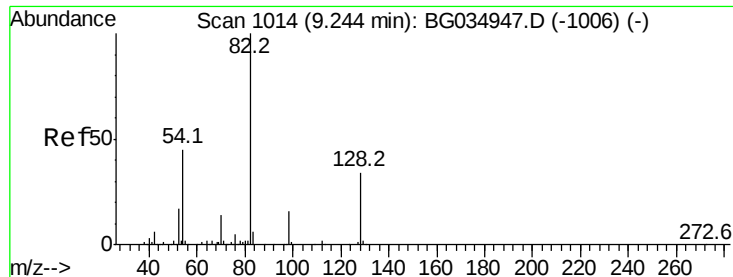
54 7.3 10.3 15.5#

68 5.3 4.5 6.7



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

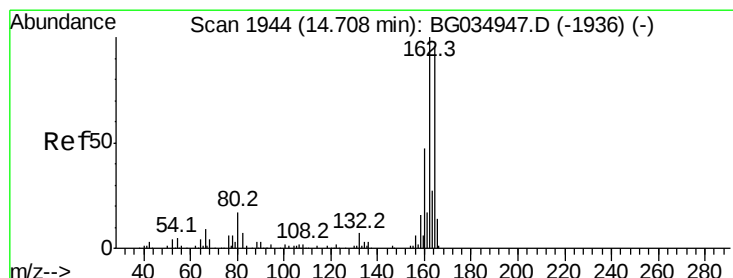
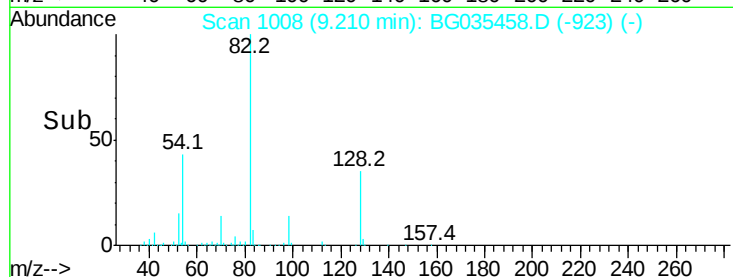
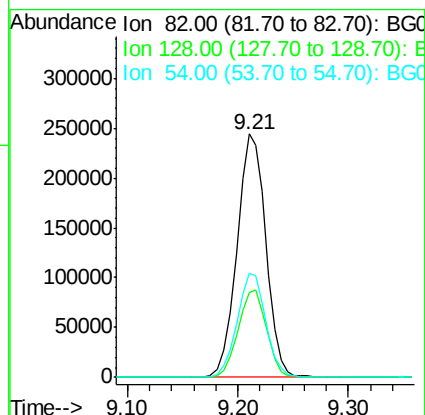
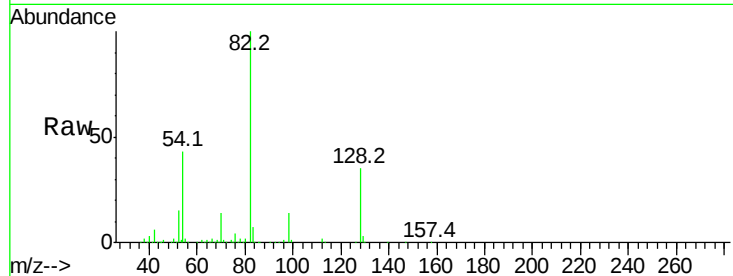




#23
 Nitrobenzene-d5
 Concen: 114.538 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.03 min
 Lab File: BG035458.D
 Acq: 27 Jun 2018 23:25

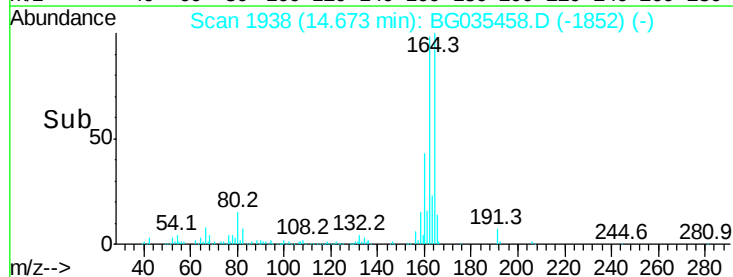
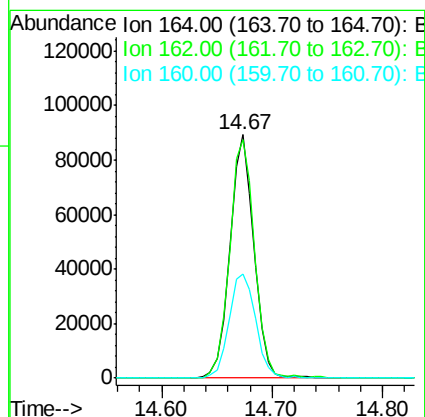
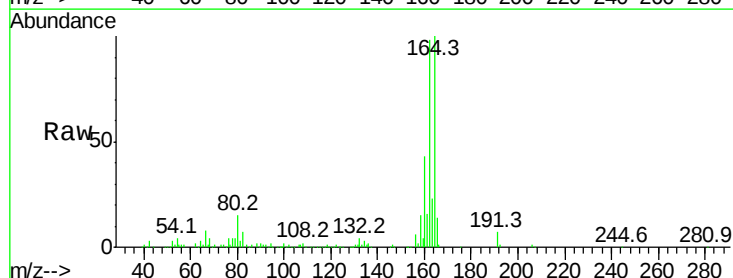
Instrument :
 BNA_G
 ClientSampleId :
 PZ-4

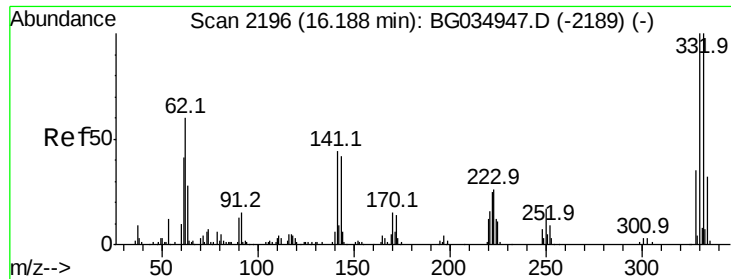
Tot Ion: 82 Resp: 447786
 Ion Ratio Lower Upper
 82 100
 128 35.0 29.7 44.5
 54 42.7 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035458.D
 Acq: 27 Jun 2018 23:25

Tgt Ion:164 Resp: 135395
 Ion Ratio Lower Upper
 164 100
 162 98.0 78.8 118.2
 160 42.7 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 181.145 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035458.D

Acq: 27 Jun 2018 23:25

Instrument :

BNA_G

ClientSampleId :

PZ-4

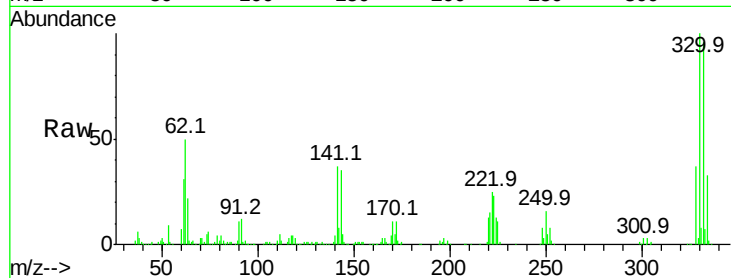
Tot Ion:330 Resp: 313965

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

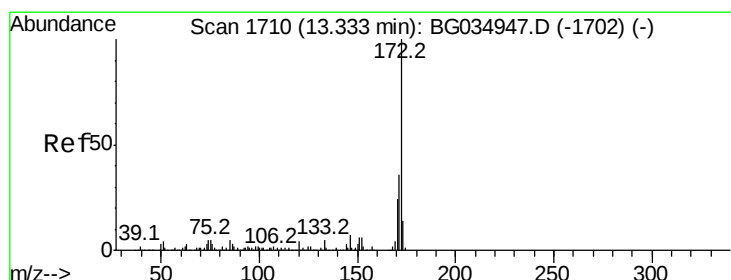
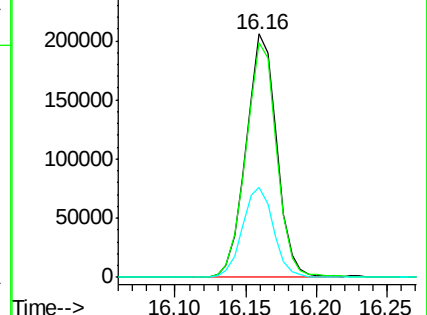
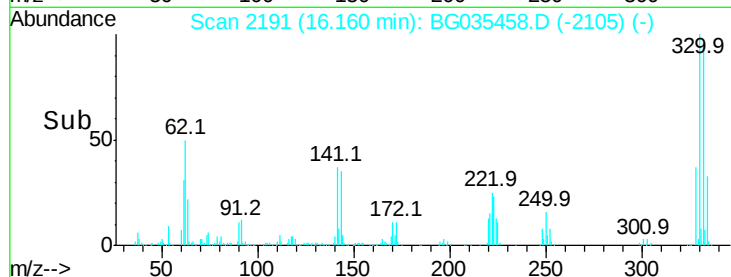
141 37.4 25.2 37.8



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: 92.276 ng

RT: 13.30 min Scan# 1704

Delta R.T. -0.03 min

Lab File: BG035458.D

Acq: 27 Jun 2018 23:25

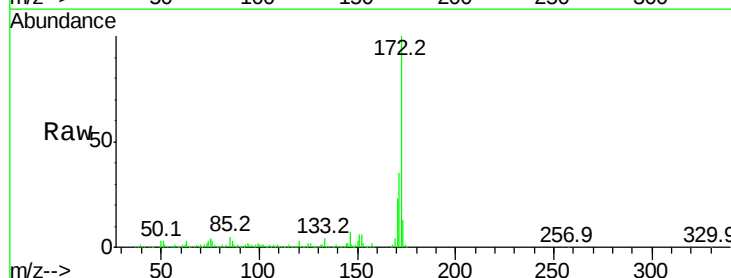
Tgt Ion:172 Resp: 961062

Ion Ratio Lower Upper

172 100

171 34.7 30.0 45.0

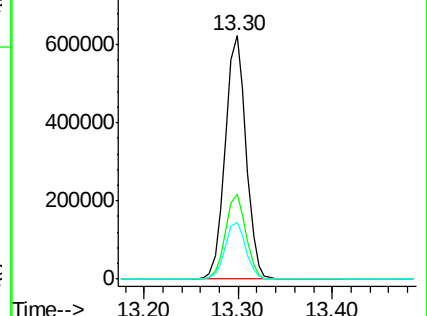
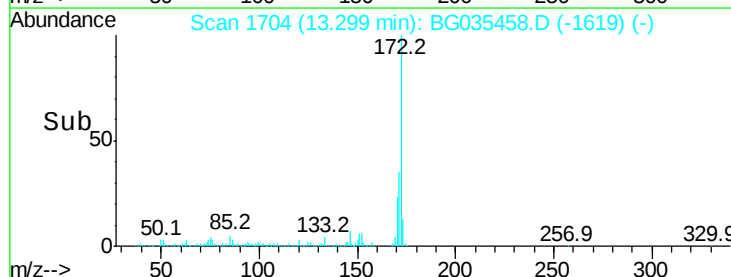
170 23.4 19.5 29.3

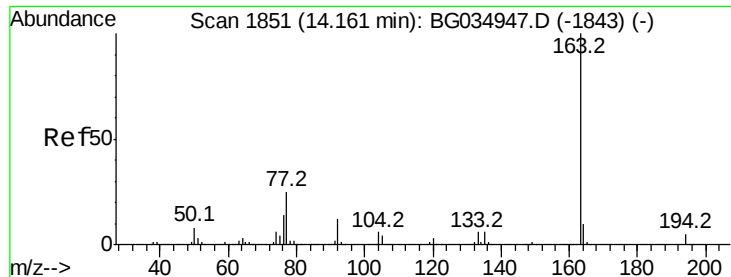


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.228 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.04 min

Lab File: BG035458.D

Acq: 27 Jun 2018 23:25

Instrument :

BNA_G

ClientSampleId :

PZ-4

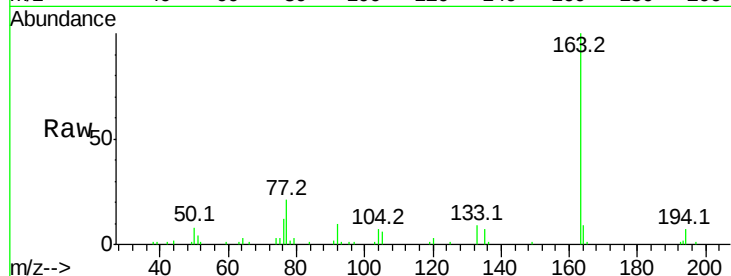
Tot Ion:163 Resp: 38114

Ion Ratio Lower Upper

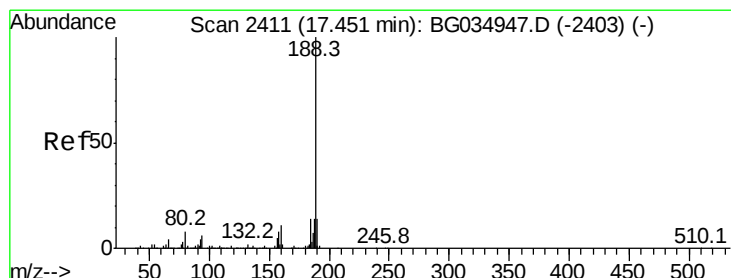
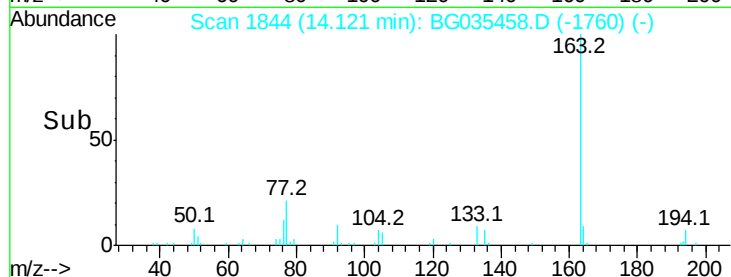
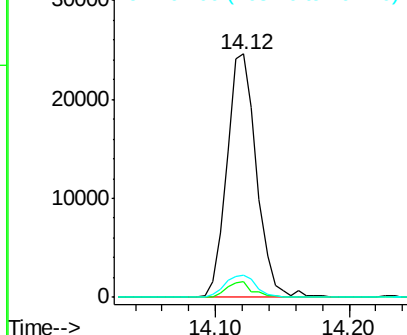
163 100

194 6.6 3.4 5.2#

164 9.1 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035458.D

Acq: 27 Jun 2018 23:25

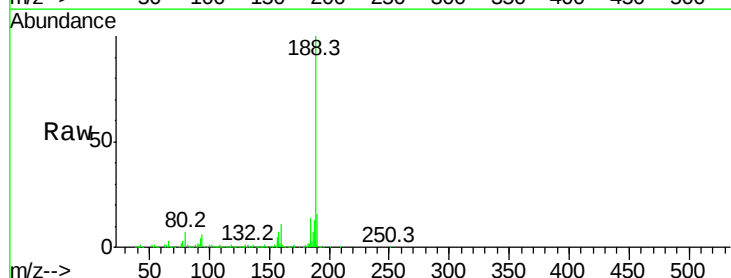
Tgt Ion:188 Resp: 333996

Ion Ratio Lower Upper

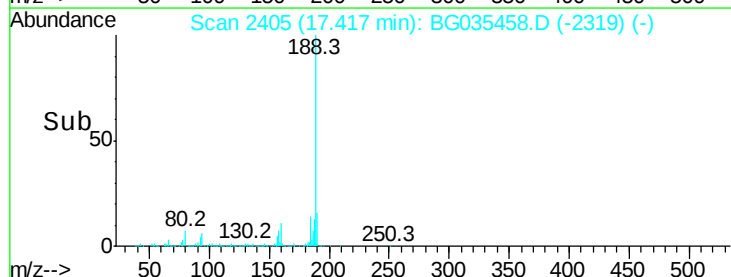
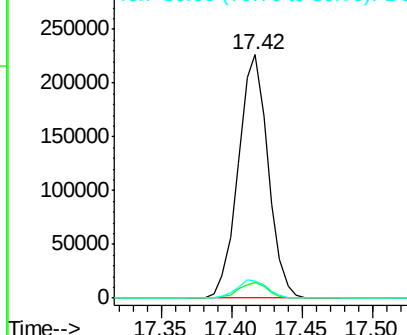
188 100

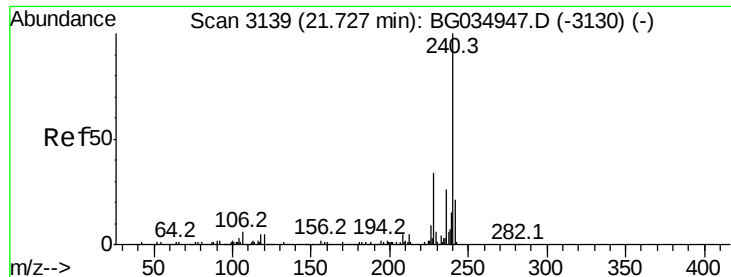
94 6.3 6.9 10.3#

80 7.1 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# 3131

Delta R.T. -0.04 min

Lab File: BG035458.D

Acq: 27 Jun 2018 23:25

Instrument :

BNA_G

ClientSampleId :

PZ-4

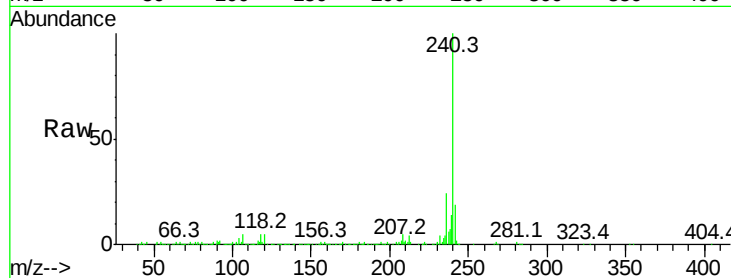
Tot Ion:240 Resp: 365086

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

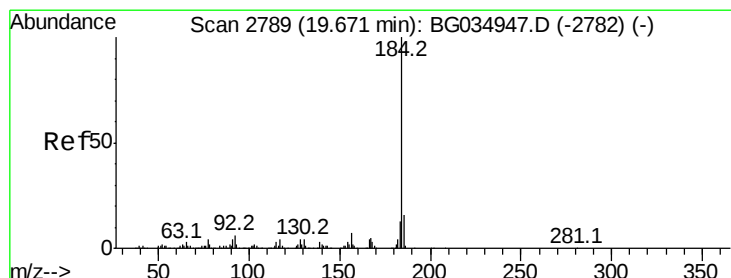
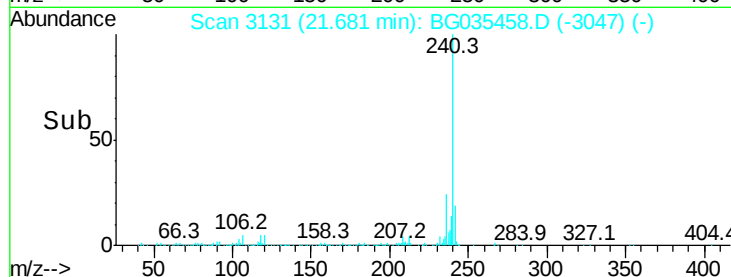
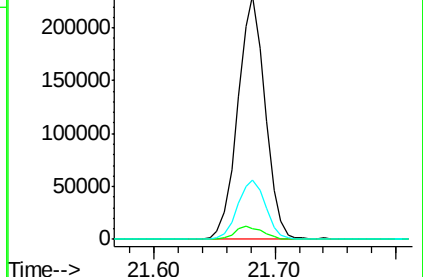
236 24.4 20.9 31.3



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



#76

Benzidine

Concen: 12.226 ng

RT: 19.64 min Scan# 2784

Delta R.T. -0.02 min

Lab File: BG035458.D

Acq: 27 Jun 2018 23:25

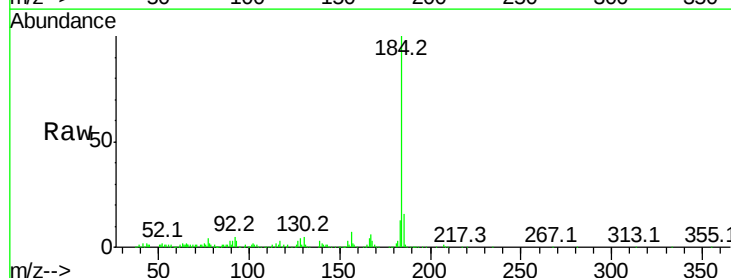
Tgt Ion:184 Resp: 166059

Ion Ratio Lower Upper

184 100

185 15.9 11.1 16.7

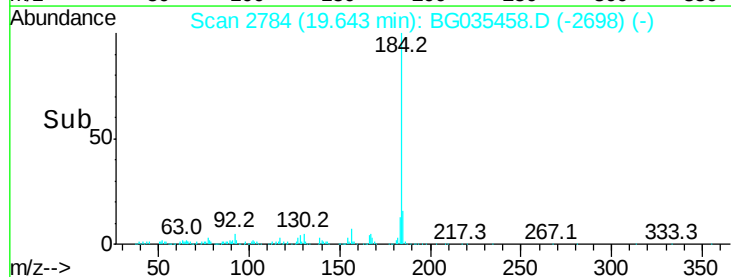
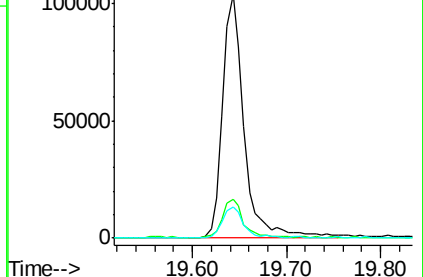
183 12.6 10.6 16.0

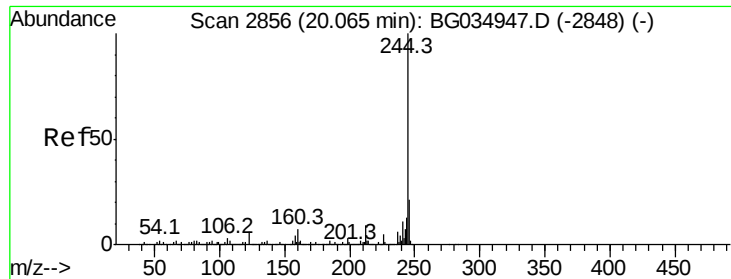


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 96.225 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035458.D

Acq: 27 Jun 2018 23:25

Instrument :

BNA_G

ClientSampleId :

PZ-4

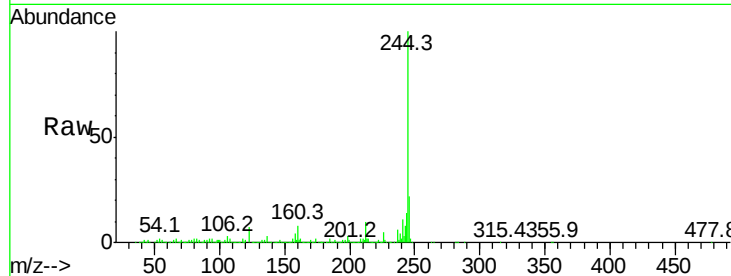
Tot Ion:244 Resp: 1677130

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

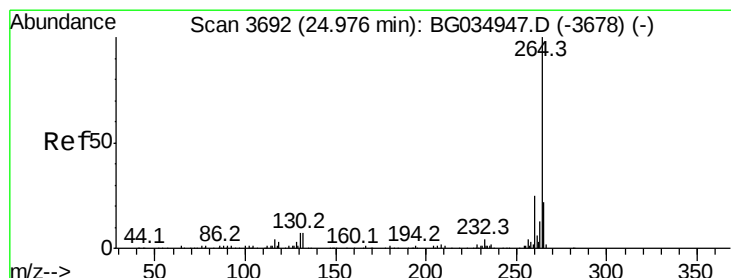
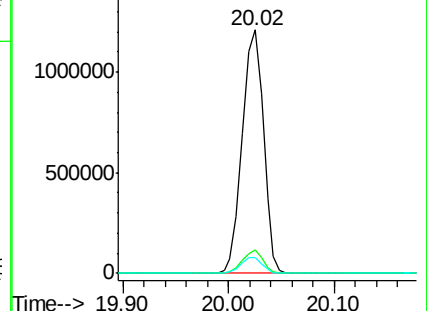
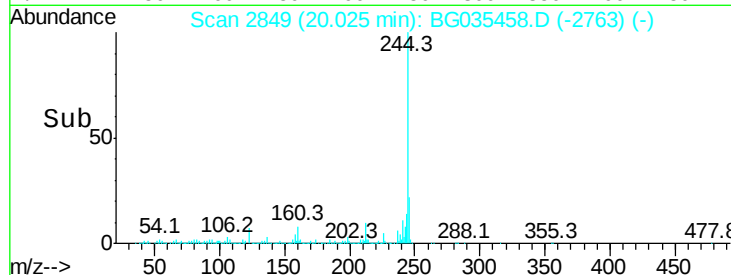
122 6.6 7.0 10.4#



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: 24.90 min Scan# 3679

Delta R.T. -0.05 min

Lab File: BG035458.D

Acq: 27 Jun 2018 23:25

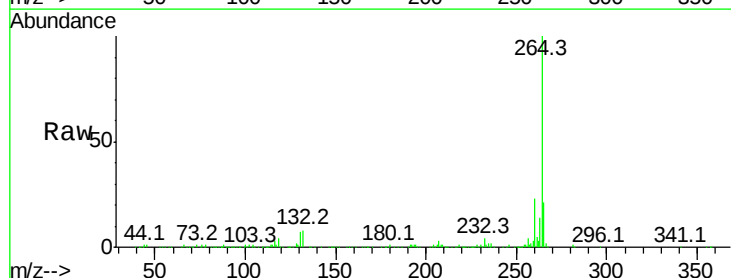
Tgt Ion:264 Resp: 364259

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 21.2 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

