

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037759.D
 Acq On : 2 Nov 2018 18:00
 Operator : JU/SJ
 Sample : J5778-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-GRAVEL

Quant Time: Nov 03 01:39:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

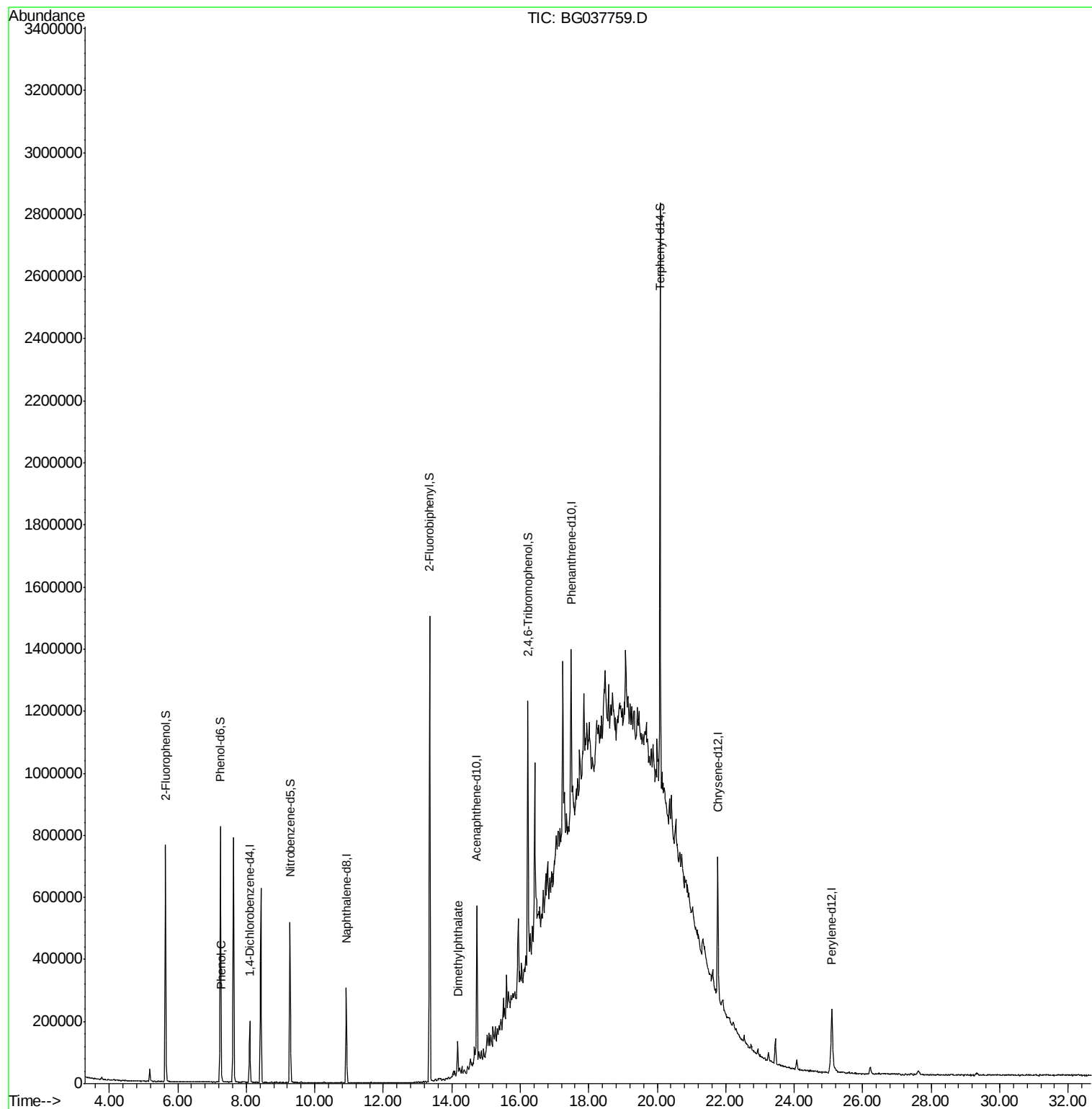
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	60311	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	276004	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	167344	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	316654	20.00	ng	0.00
76) Chrysene-d12	21.77	240	298475	20.00	ng	0.00
87) Perylene-d12	25.10	264	286297	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	364720	101.10	ng	0.00
7) Phenol-d6	7.24	99	536674	98.38	ng	0.00
23) Nitrobenzene-d5	9.27	82	333611	67.71	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	164125	89.92	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	850019	76.60	ng	0.00
79) Terphenyl-d14	20.08	244	953703	68.28	ng	0.00
Target Compounds						
10) Phenol	7.27	94	13473	2.341	ng	88
50) Dimethylphthalate	14.17	163	63479	4.903	ng	99

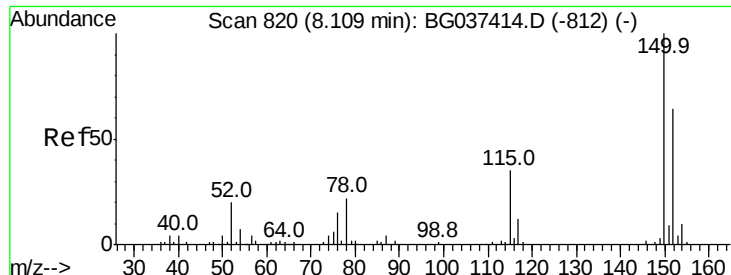
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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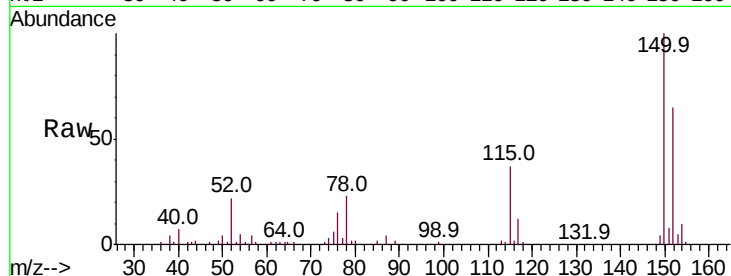


#1

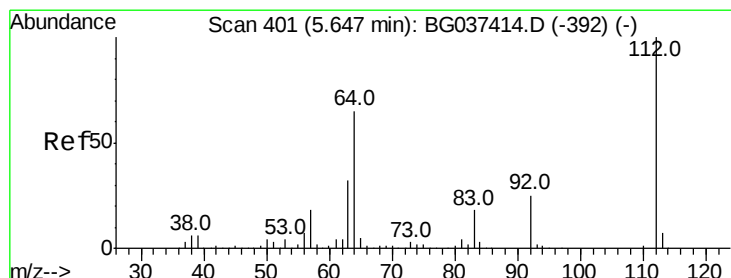
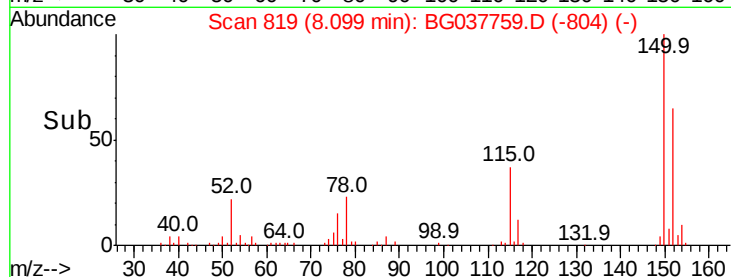
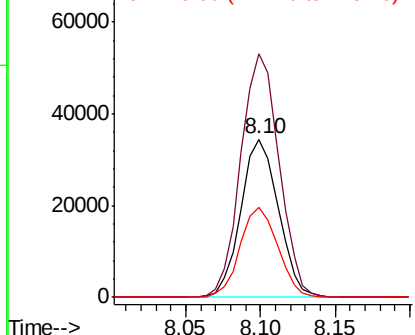
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037759.D
Acq: 2 Nov 2018 18:00

Instrument :
BNA_G
ClientSampleId :
OILY-GRAVEL

Tot Ion:152 Resp: 60311
Ion Ratio Lower Upper
152 100
150 154.1 126.0 189.0
115 57.4 45.5 68.3



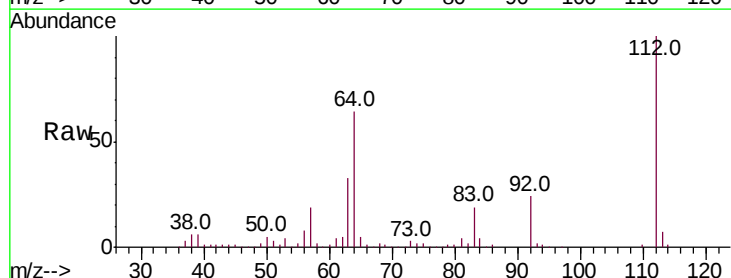
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



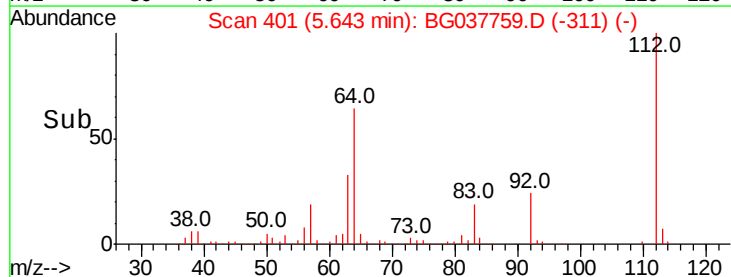
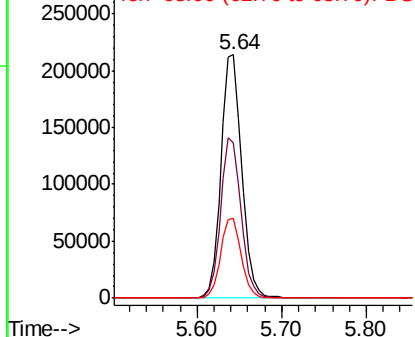
#5

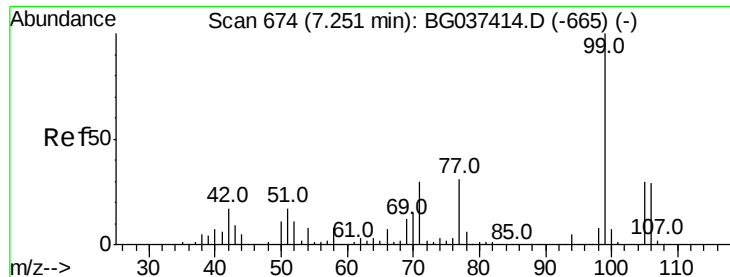
2-Fluorophenol
Concen: 101.102 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037759.D
Acq: 2 Nov 2018 18:00

Tgt Ion:112 Resp: 364720
Ion Ratio Lower Upper
112 100
64 63.6 53.1 79.7
63 32.7 27.3 40.9



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





#7

Phenol-d6

Concen: 98.384 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037759.D

Acq: 2 Nov 2018 18:00

Instrument :

BNA_G

ClientSampleId :

OILY-GRAVEL

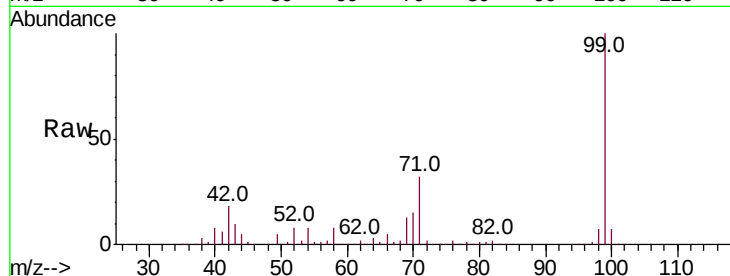
Tot Ion: 99 Resp: 536674

Ion Ratio Lower Upper

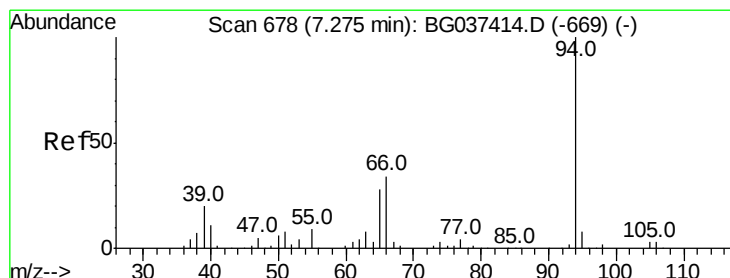
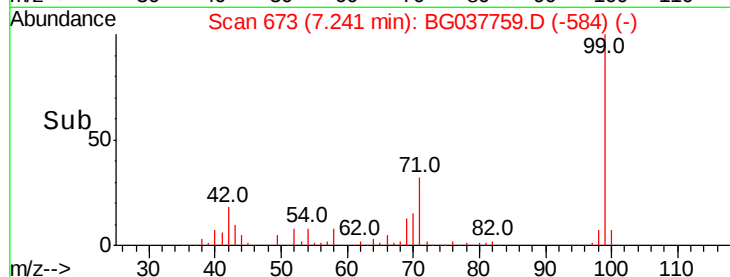
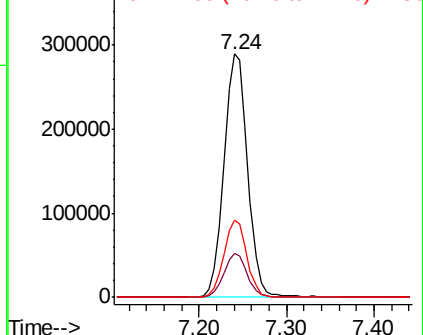
99 100

42 17.9 15.0 22.4

71 31.5 25.5 38.3



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: 2.341 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037759.D

Acq: 2 Nov 2018 18:00

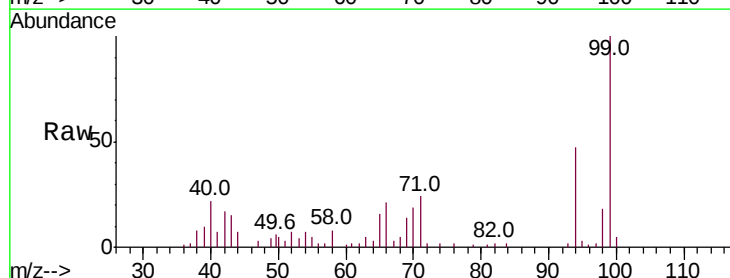
Tgt Ion: 94 Resp: 13473

Ion Ratio Lower Upper

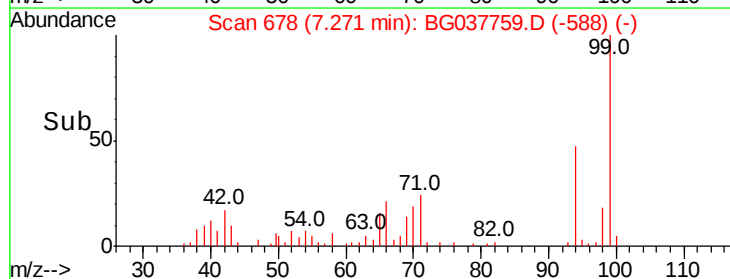
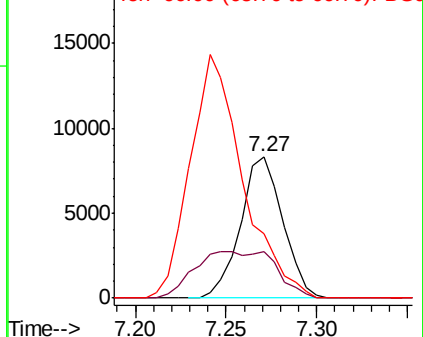
94 100

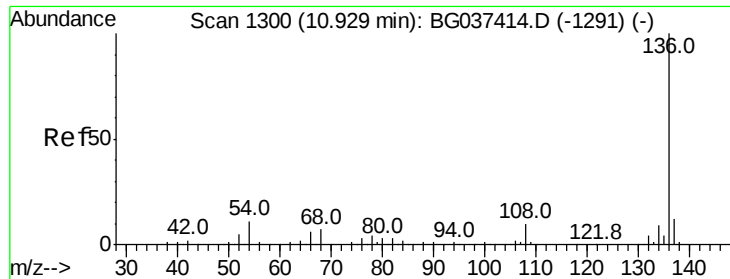
65 33.2 9.7 49.7

66 45.2 15.9 55.9



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

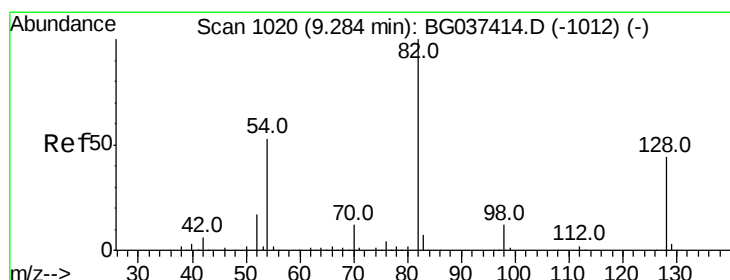
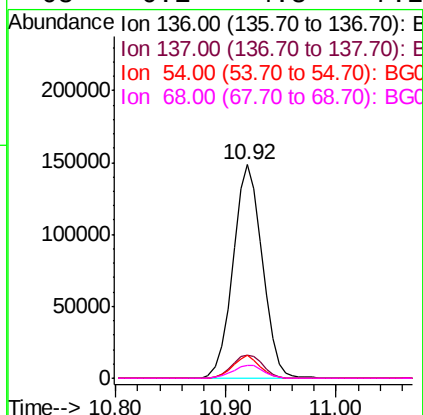
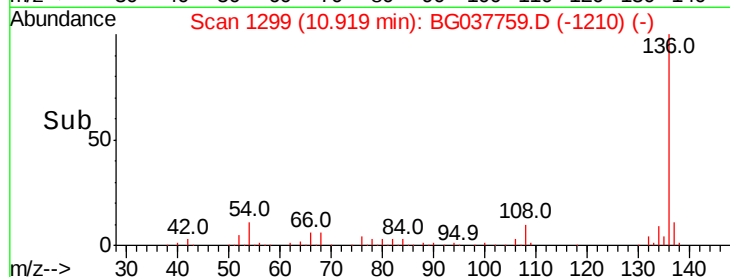
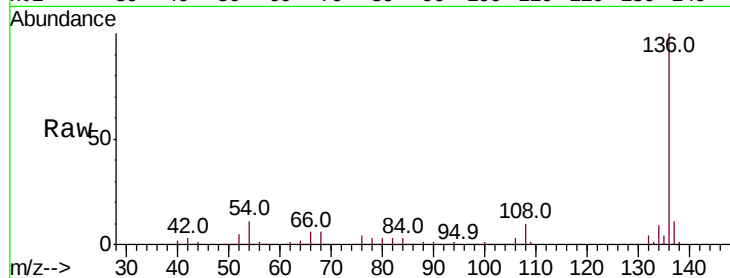




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037759.D
Acq: 2 Nov 2018 18:00

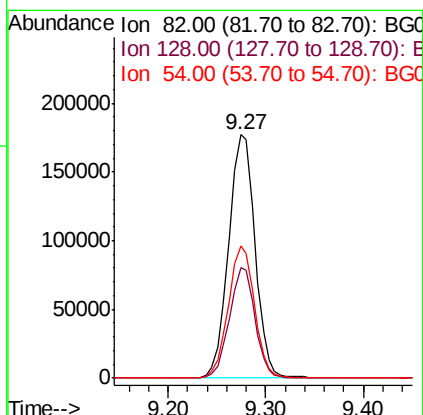
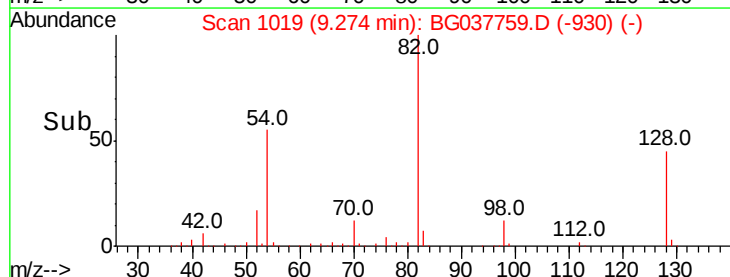
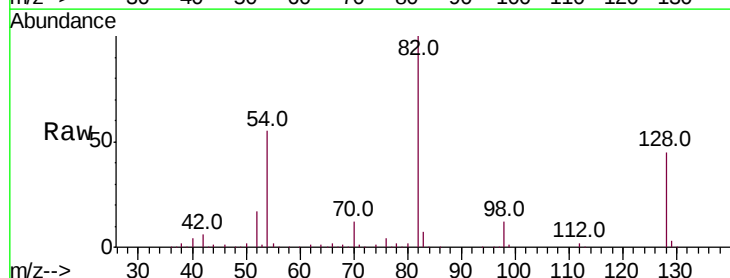
Instrument :
BNA_G
ClientSampleId :
OILY-GRAVEL

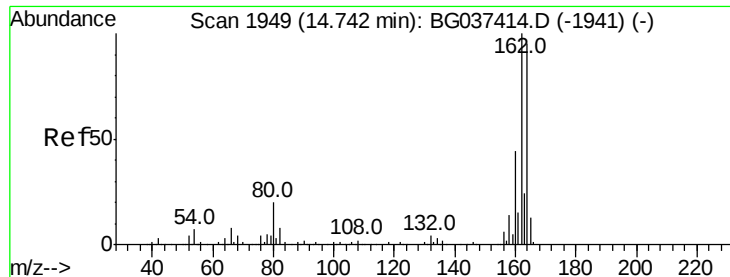
Tot Ion:	136	Resp:	276004
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	10.6	7.9	11.9
68	6.1	4.8	7.2



#23
Nitrobenzene-d5
Concen: 67.711 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037759.D
Acq: 2 Nov 2018 18:00

Tgt Ion:	82	Resp:	333611
Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.6	51.8
54	54.5	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037759.D

Acq: 2 Nov 2018 18:00

Instrument :

BNA_G

ClientSampleId :

OILY-GRAVEL

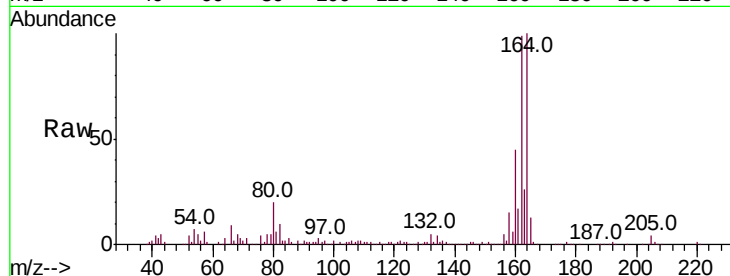
Tot Ion:164 Resp: 167344

Ion Ratio Lower Upper

164 100

162 99.4 81.3 121.9

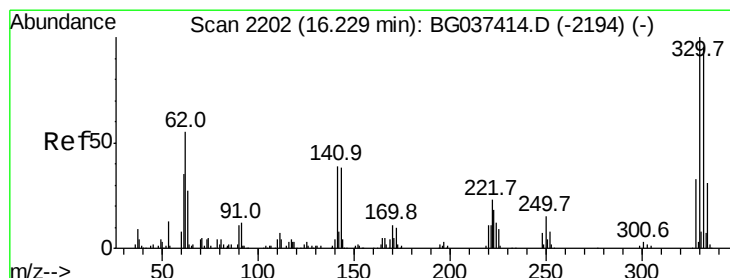
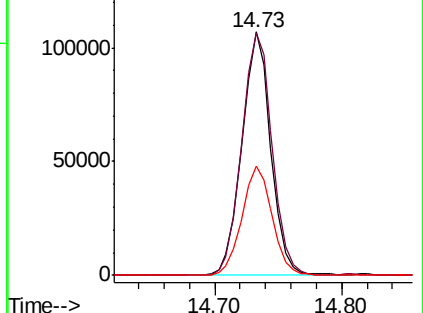
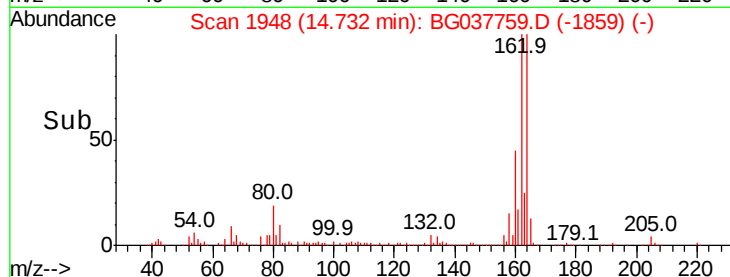
160 44.8 36.3 54.5



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



#42

2,4,6-Tribromophenol

Concen: 89.922 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037759.D

Acq: 2 Nov 2018 18:00

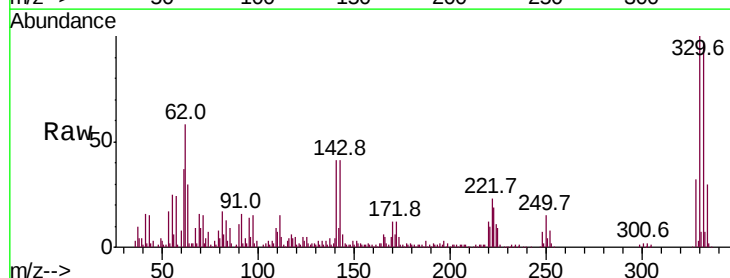
Tgt Ion:330 Resp: 164125

Ion Ratio Lower Upper

330 100

332 95.1 78.4 117.6

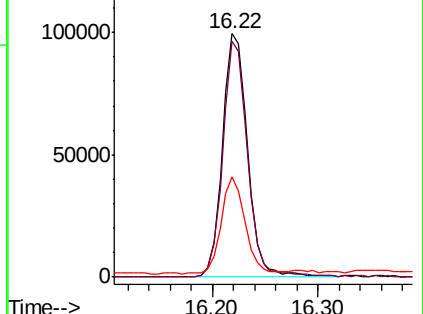
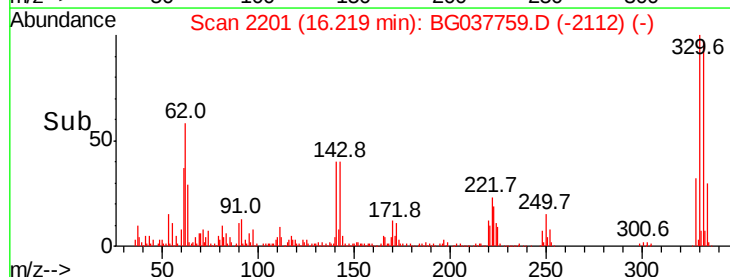
141 37.0 32.2 48.2

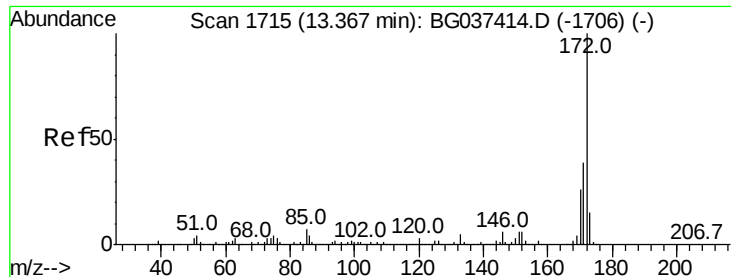


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

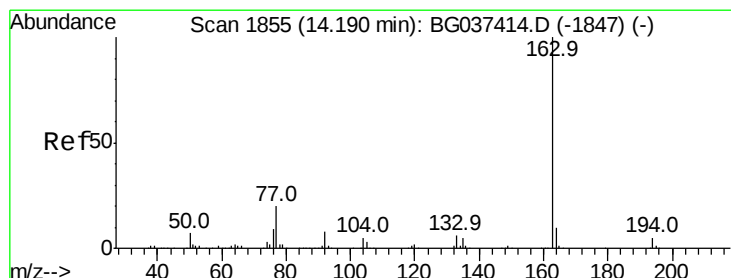
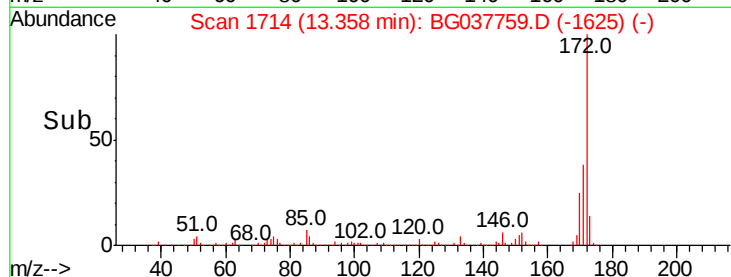
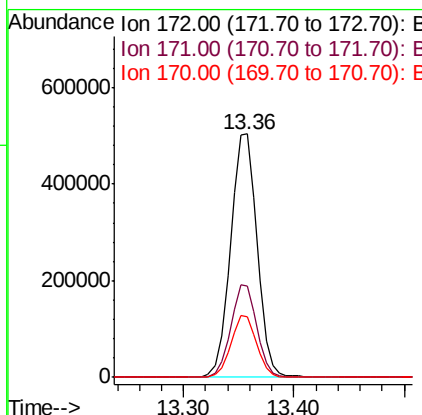
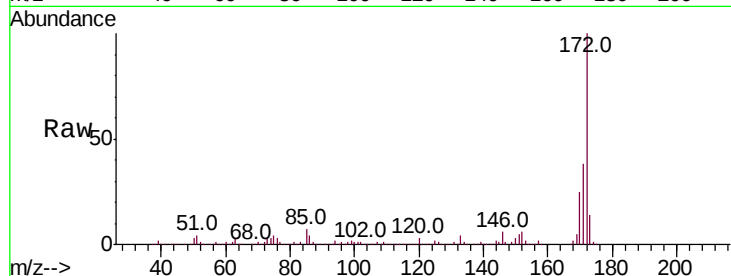




#45
2-Fluorobiphenyl
Concen: 76.596 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037759.D
Acq: 2 Nov 2018 18:00

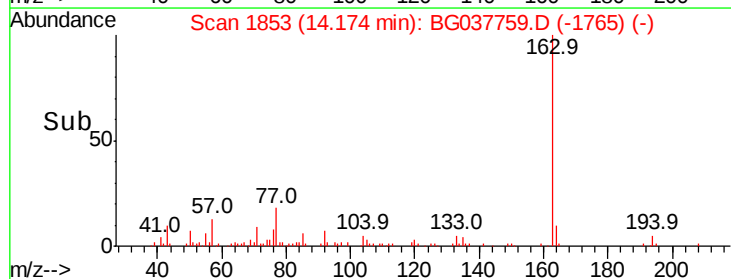
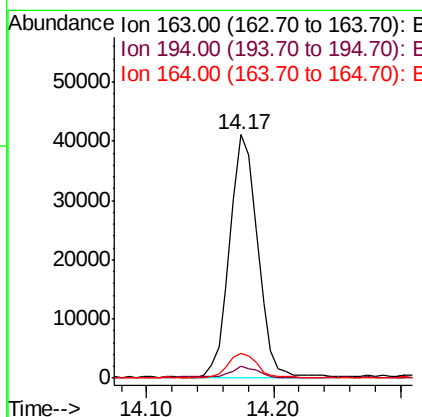
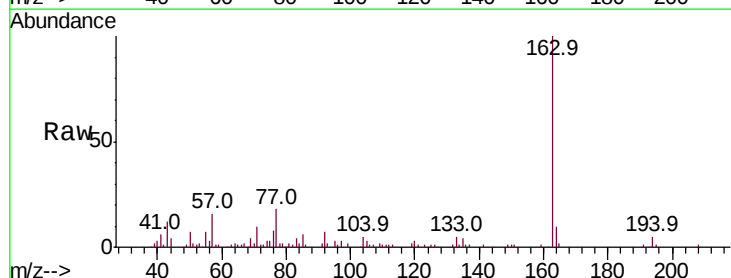
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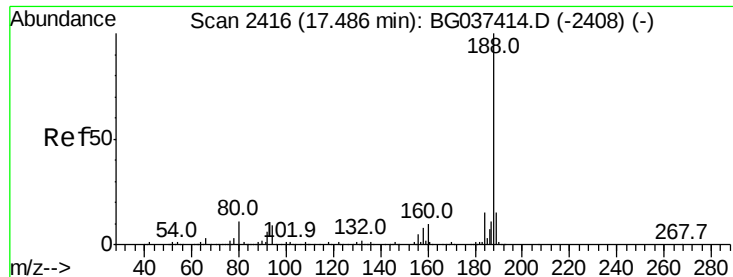
Tot Ion:172 Resp: 850019
Ion Ratio Lower Upper
172 100
171 37.7 31.0 46.4
170 25.0 20.2 30.2



#50
Dimethylphthalate
Concen: 4.903 ng
RT: 14.17 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BG037759.D
Acq: 2 Nov 2018 18:00

Tgt Ion:163 Resp: 63479
Ion Ratio Lower Upper
163 100
194 4.9 3.5 5.3
164 10.3 8.5 12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037759.D

Acq: 2 Nov 2018 18:00

Instrument :

BNA_G

ClientSampleId :

OILY-GRAVEL

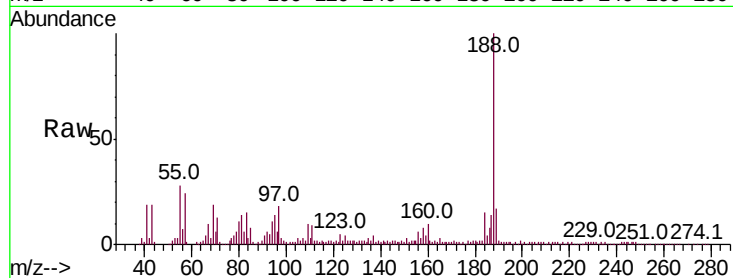
Tot Ion:188 Resp: 316654

Ion Ratio Lower Upper

188 100

94 11.3 7.2 10.8#

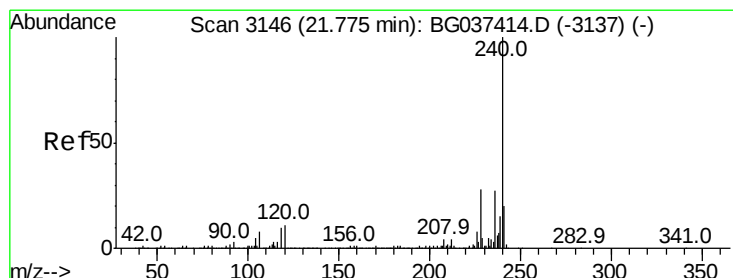
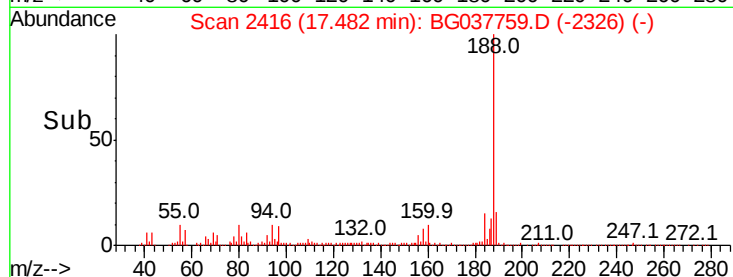
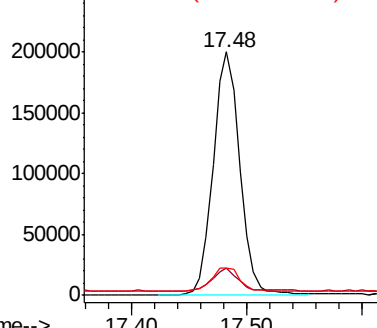
80 11.2 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037759.D

Acq: 2 Nov 2018 18:00

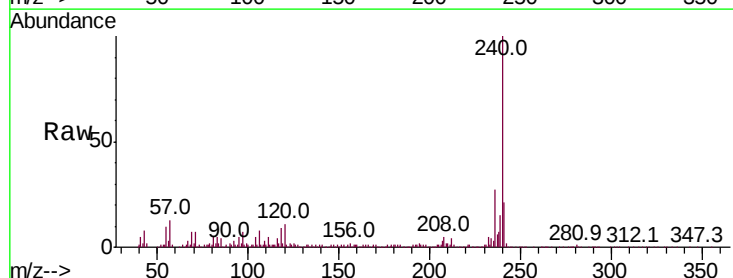
Tgt Ion:240 Resp: 298475

Ion Ratio Lower Upper

240 100

120 11.3 8.1 12.1

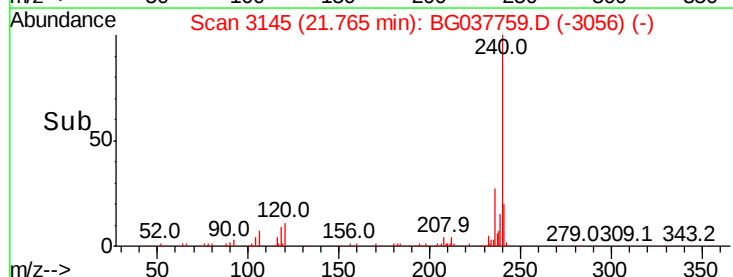
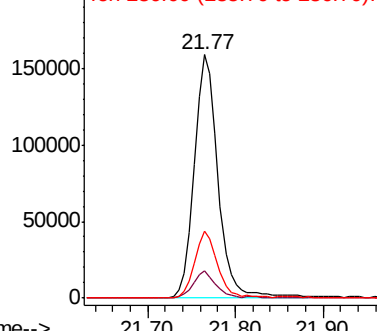
236 27.3 21.4 32.0

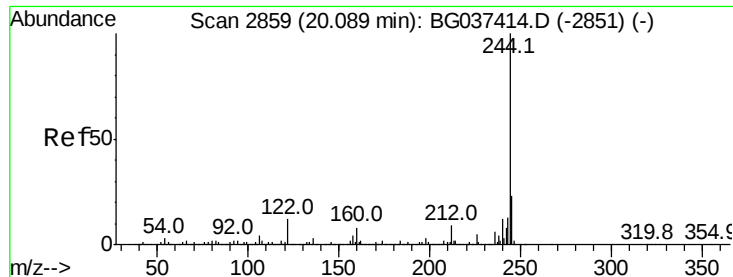


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 68.275 ng

RT: 20.08 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037759.D

Acq: 2 Nov 2018 18:00

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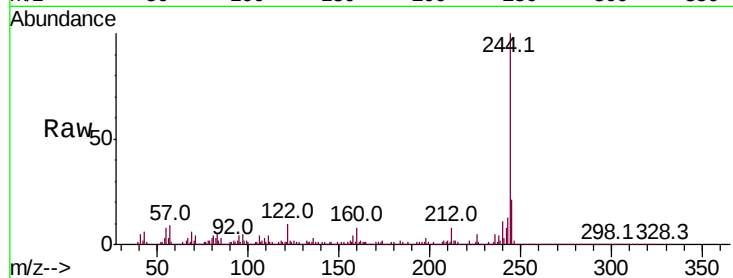
Tot Ion:244 Resp: 953703

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

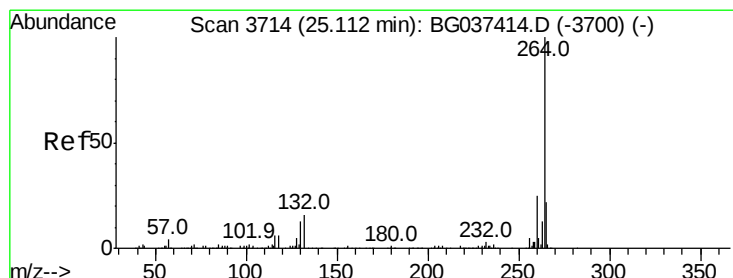
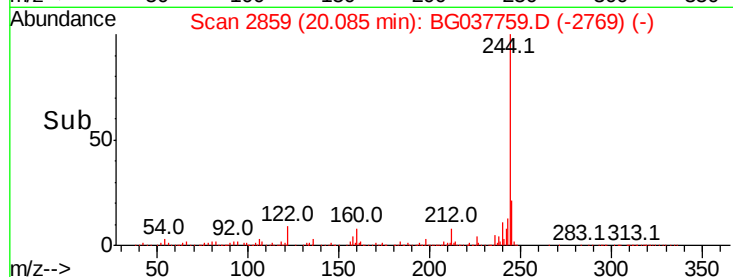
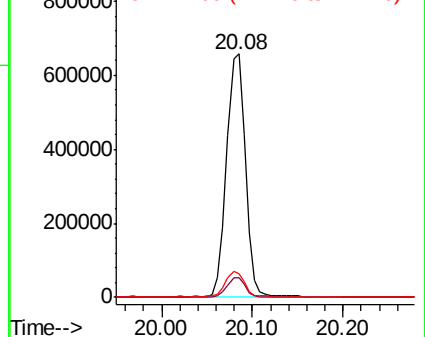
122 9.9 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG037759.D

Acq: 2 Nov 2018 18:00

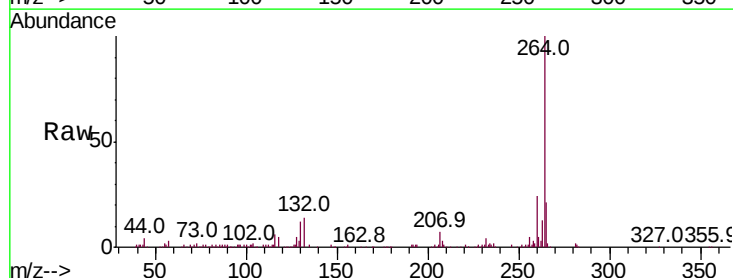
Tgt Ion:264 Resp: 286297

Ion Ratio Lower Upper

264 100

260 24.4 18.2 27.4

265 21.0 17.9 26.9



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

