

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037711.D
 Acq On : 1 Nov 2018 9:59
 Operator : JU/SJ
 Sample : J5731-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 103018-SIDI-E-D-S

Quant Time: Nov 01 11:27:48 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

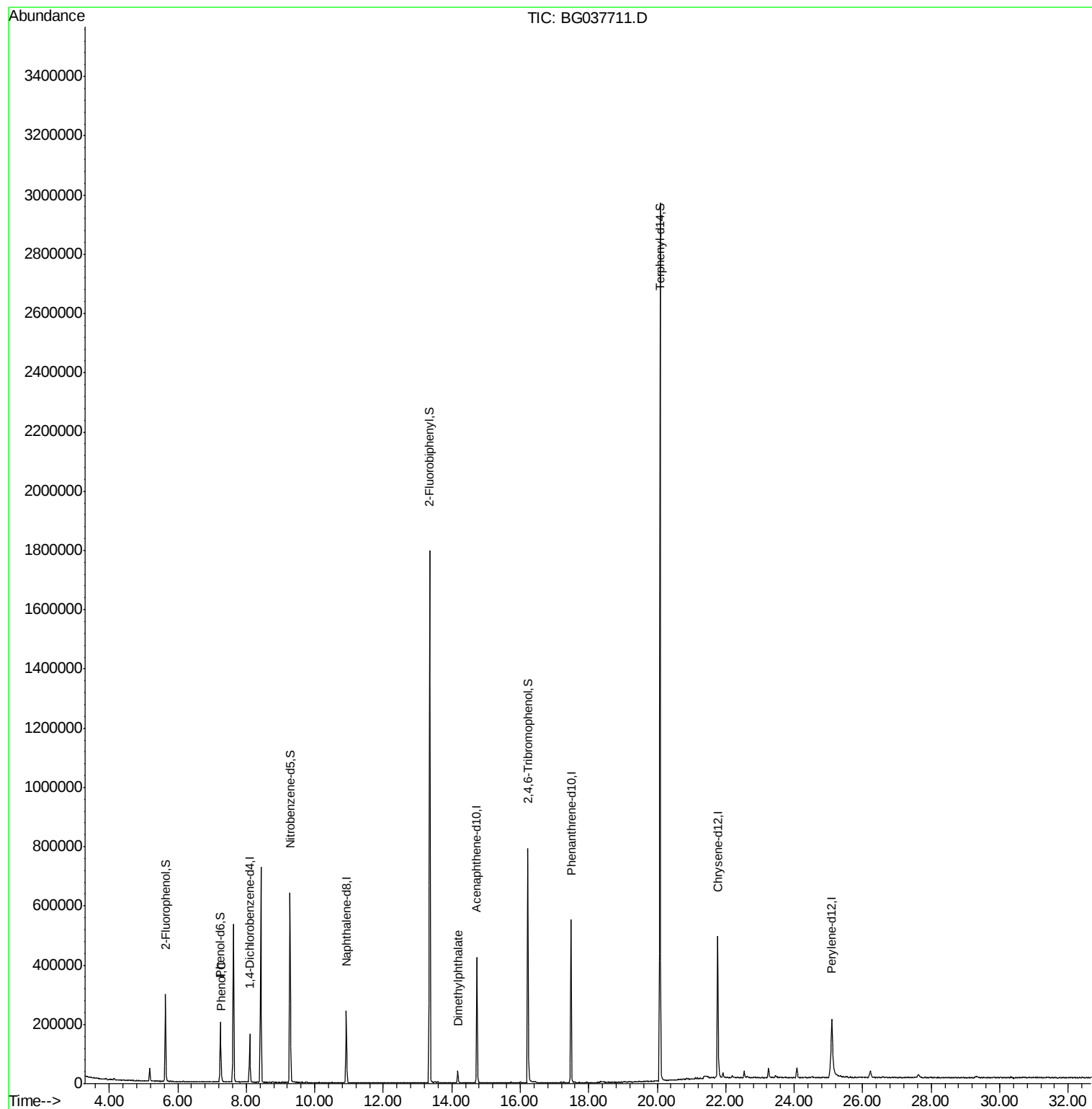
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	49275	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	218954	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	151632	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	360266	20.00	ng	0.00
76) Chrysene-d12	21.77	240	327777	20.00	ng	0.00
87) Perylene-d12	25.10	264	295932	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	138667	47.05	ng	0.00
7) Phenol-d6	7.24	99	127514	28.61	ng	0.00
23) Nitrobenzene-d5	9.27	82	407363	104.22	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	149788	90.57	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	982409	97.70	ng	0.00
79) Terphenyl-d14	20.08	244	1402376	91.42	ng	0.00
Target Compounds						
10) Phenol	7.27	94	27636	5.877	ng	95
50) Dimethylphthalate	14.18	163	31192	2.659	ng	99

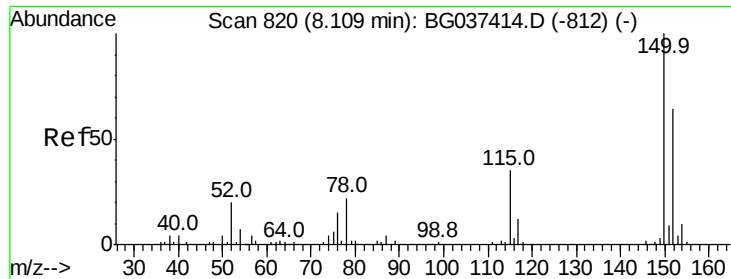
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG037711.D

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Instrument :

BNA_G

ClientSampleId :

103018-SIDI-E-D-S

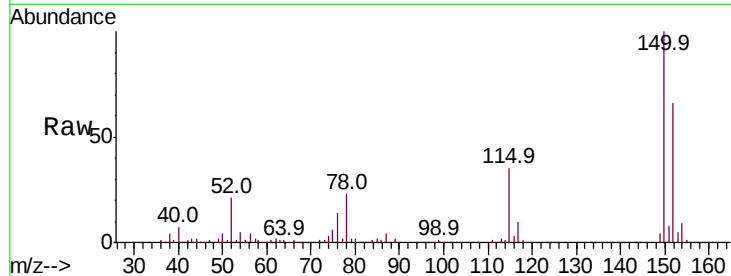
Tot Ion:152 Resp: 49275

Ion Ratio Lower Upper

152 100

150 151.9 126.0 189.0

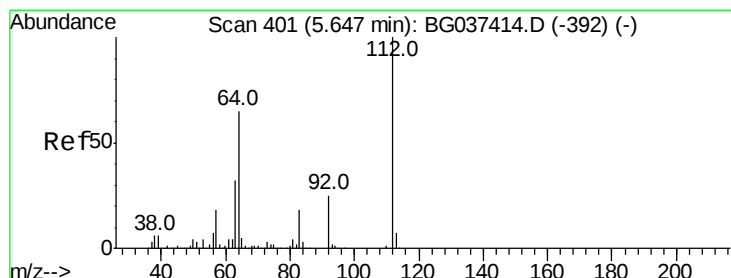
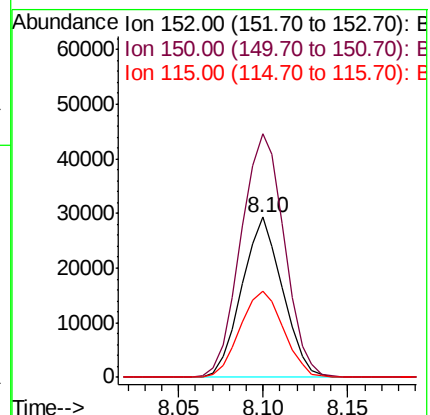
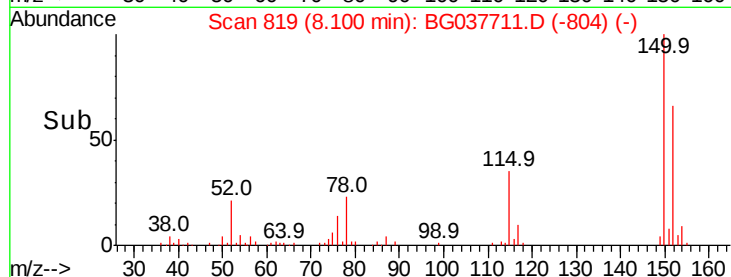
115 53.8 45.5 68.3



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: 47.048 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037711.D

Acq: 1 Nov 2018 9:59

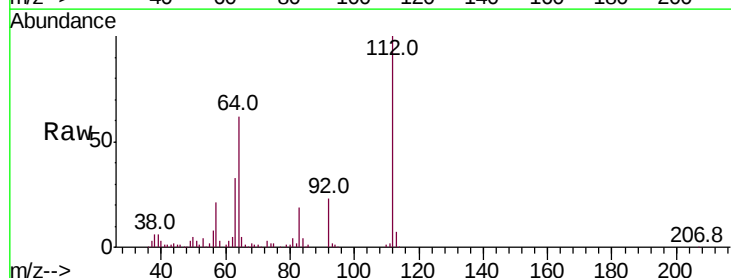
Tgt Ion:112 Resp: 138667

Ion Ratio Lower Upper

112 100

64 62.4 53.1 79.7

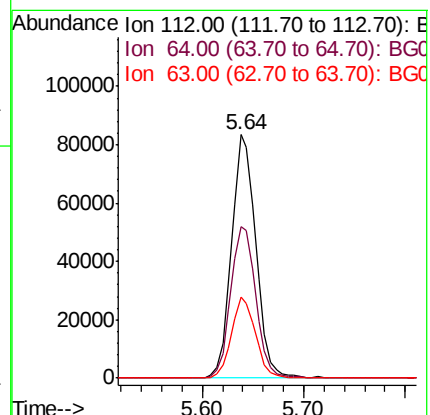
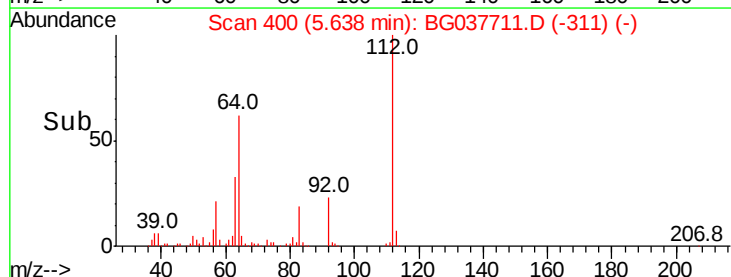
63 33.1 27.3 40.9

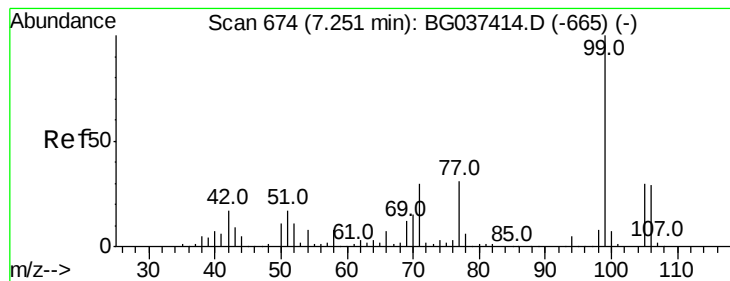


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 28.612 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037711.D

Acq: 1 Nov 2018 9:59

Instrument :

BNA_G

ClientSampleId :

103018-SIDI-E-D-S

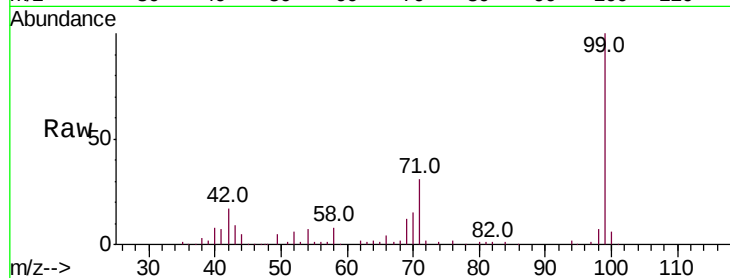
Tot Ion: 99 Resp: 127514

Ion Ratio Lower Upper

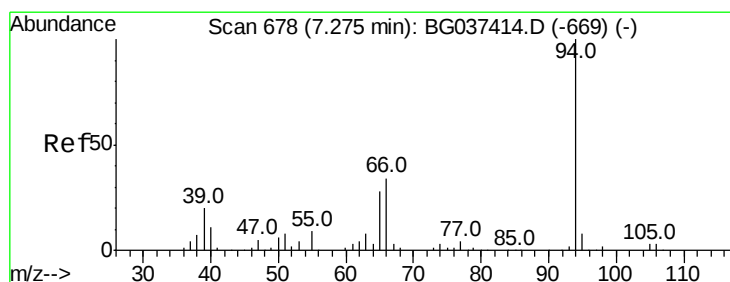
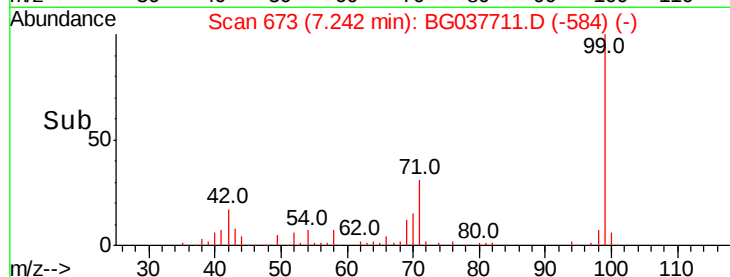
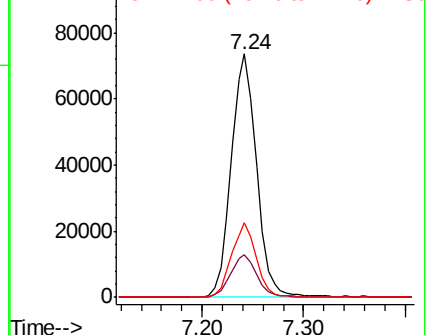
99 100

42 17.3 15.0 22.4

71 30.8 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: 5.877 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037711.D

Acq: 1 Nov 2018 9:59

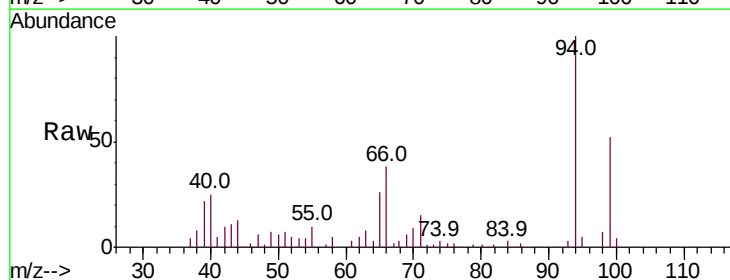
Tgt Ion: 94 Resp: 27636

Ion Ratio Lower Upper

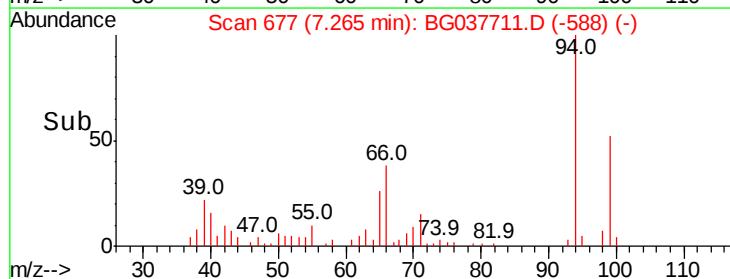
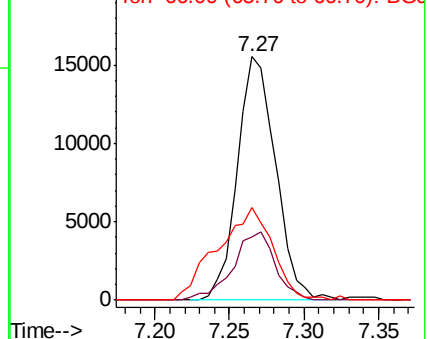
94 100

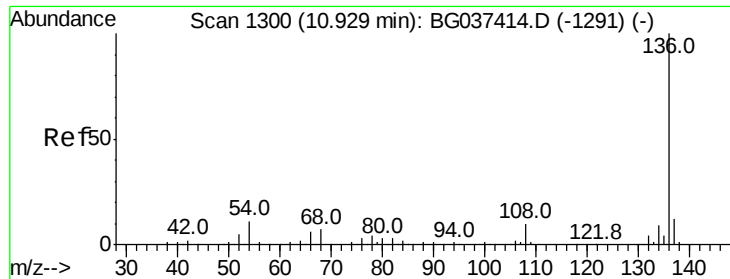
65 25.9 9.7 49.7

66 37.9 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

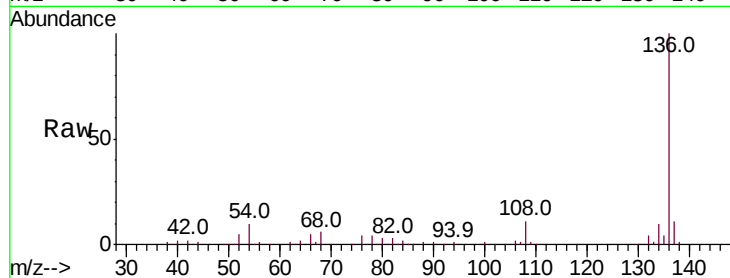




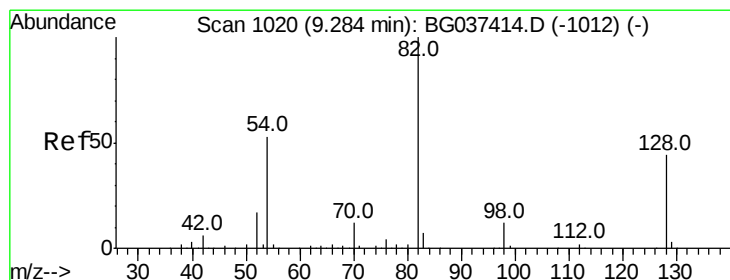
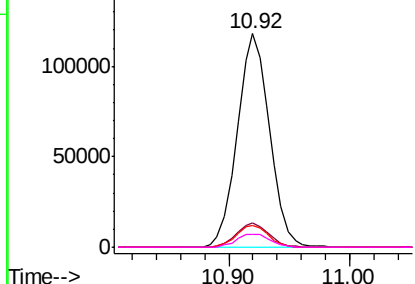
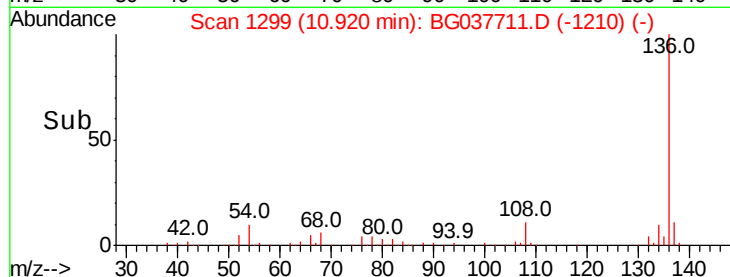
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037711.D
Acq: 1 Nov 2018 9:59

Instrument :
BNA_G
ClientSampleId :
103018-SIDI-E-D-S

Tot Ion:	136	Resp:	218954
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	10.0	7.9	11.9
68	6.1	4.8	7.2

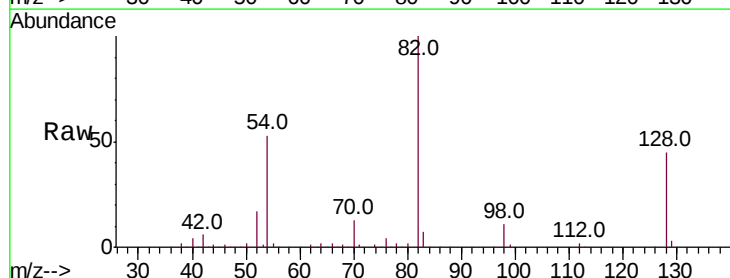


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

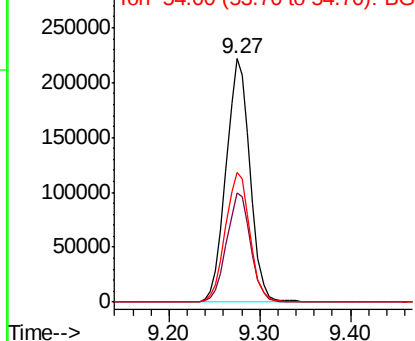
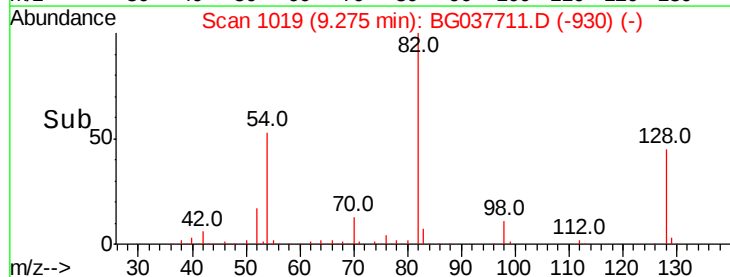


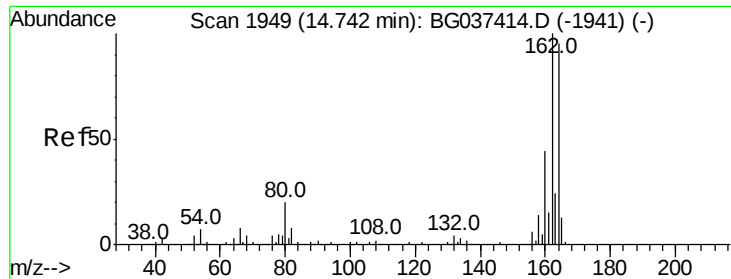
#23
Nitrobenzene-d5
Concen: 104.223 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037711.D
Acq: 1 Nov 2018 9:59

Tgt Ion:	82	Resp:	407363
Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.6	51.8
54	53.0	45.3	67.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037711.D

Acq: 1 Nov 2018 9:59

Instrument :

BNA_G

ClientSampleId :

103018-SIDI-E-D-S

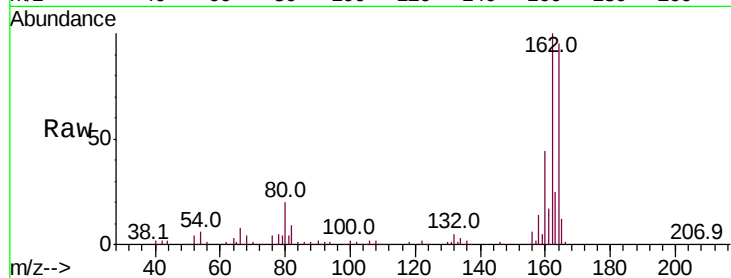
Tot Ion:164 Resp: 151632

Ion Ratio Lower Upper

164 100

162 104.8 81.3 121.9

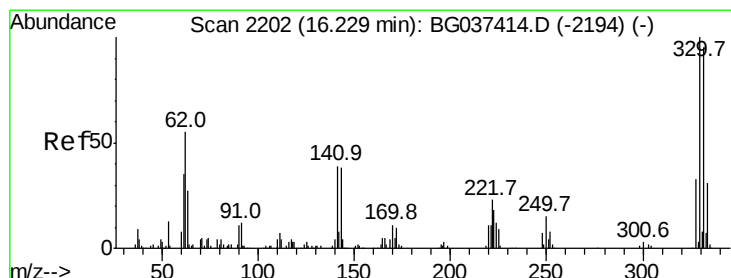
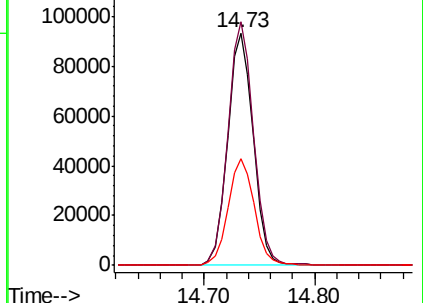
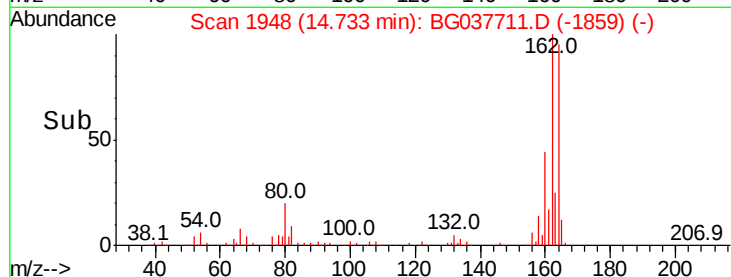
160 46.1 36.3 54.5



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: 90.570 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037711.D

Acq: 1 Nov 2018 9:59

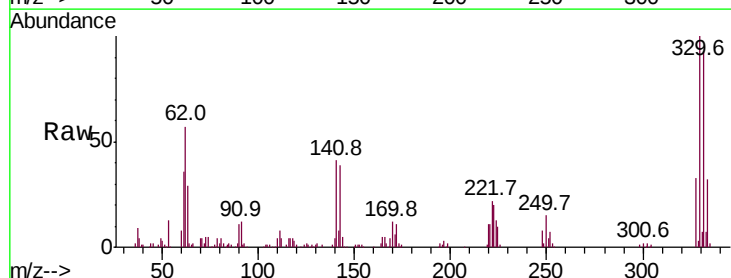
Tgt Ion:330 Resp: 149788

Ion Ratio Lower Upper

330 100

332 94.7 78.4 117.6

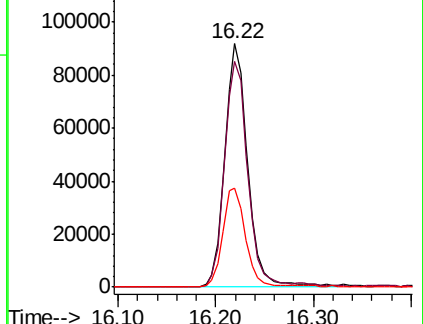
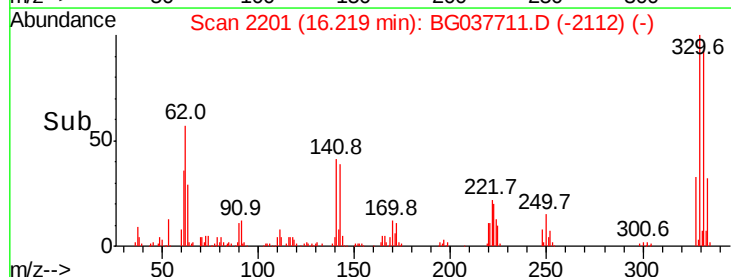
141 40.7 32.2 48.2

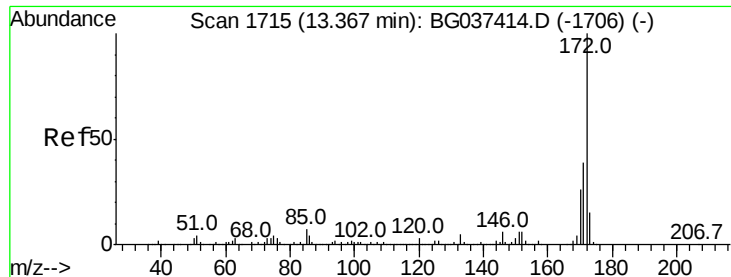


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 97.698 ng

RT: 13.36 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG037711.D

Acq: 1 Nov 2018 9:59

Instrument :

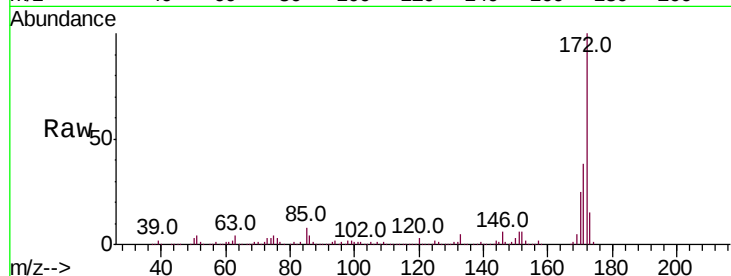
BNA_G

ClientSampleId :

103018-SIDI-E-D-S

Tot Ion:172 Resp: 982409

Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	25.0	20.2	30.2

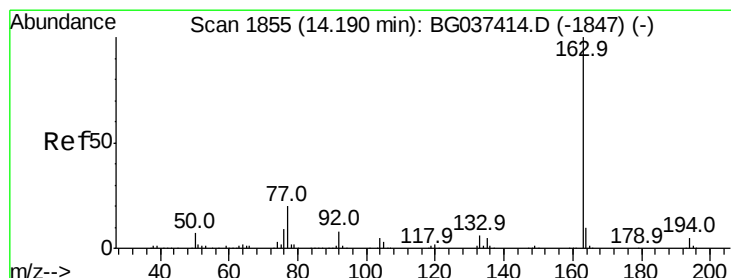
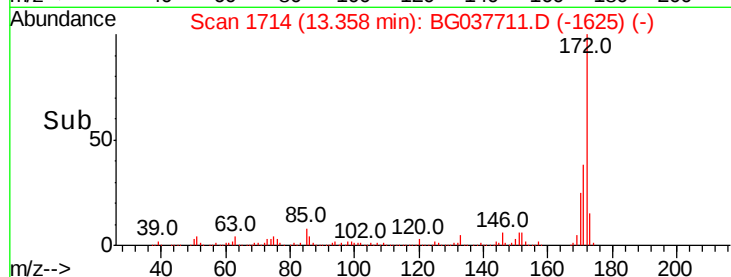
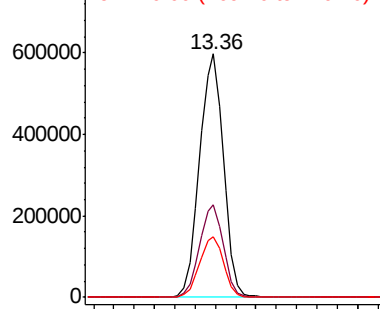


Abundance

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



#50

Dimethylphthalate

Concen: 2.659 ng

RT: 14.18 min Scan# 1854

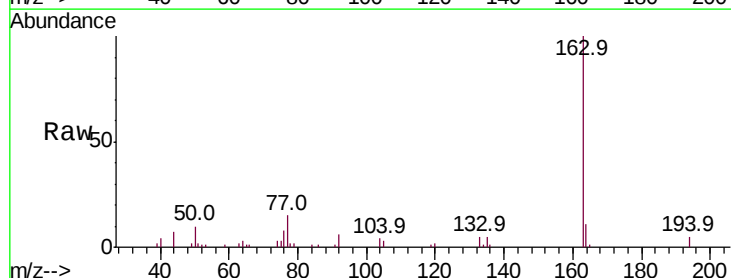
Delta R.T. -0.01 min

Lab File: BG037711.D

Acq: 1 Nov 2018 9:59

Tgt Ion:163 Resp: 31192

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.5	5.3
164	10.9	8.5	12.7

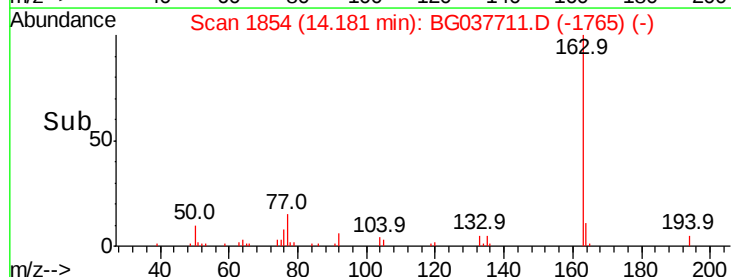
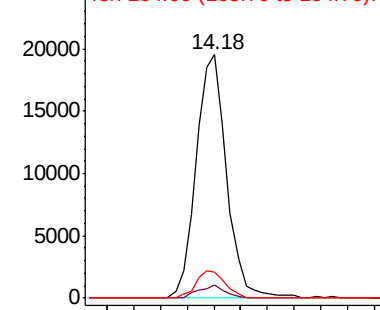


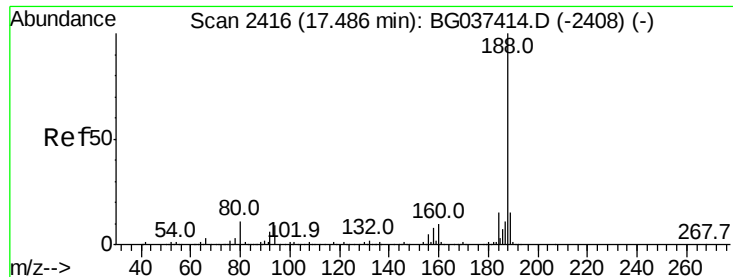
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037711.D

Acq: 1 Nov 2018 9:59

Instrument :

BNA_G

ClientSampleId :

103018-SIDI-E-D-S

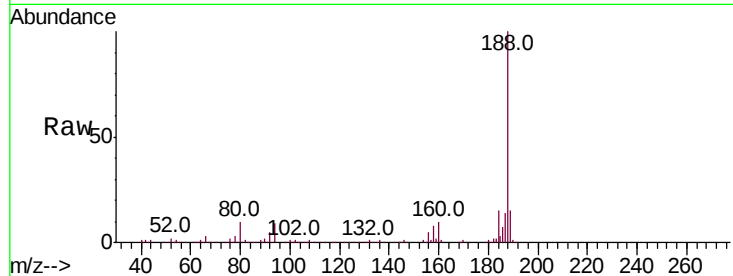
Tot Ion:188 Resp: 360266

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

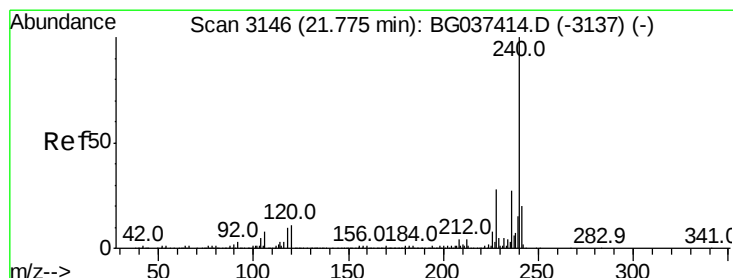
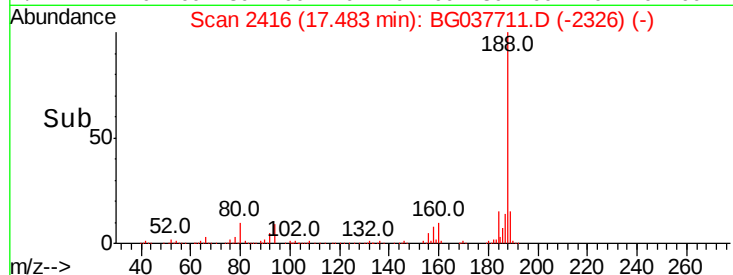
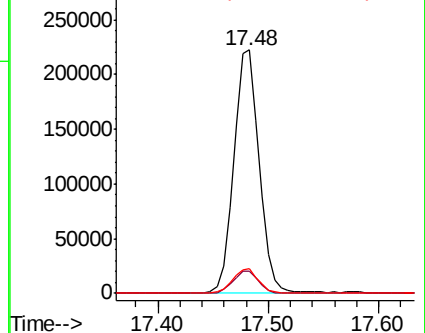
80 10.4 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037711.D

Acq: 1 Nov 2018 9:59

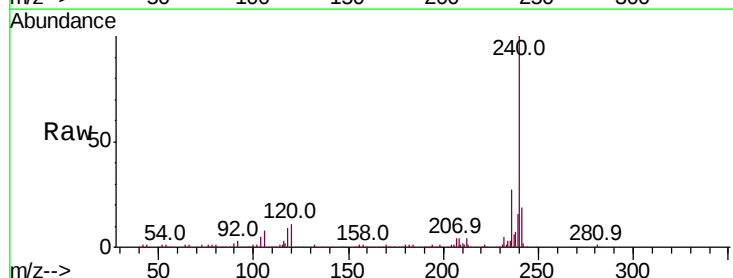
Tgt Ion:240 Resp: 327777

Ion Ratio Lower Upper

240 100

120 10.8 8.1 12.1

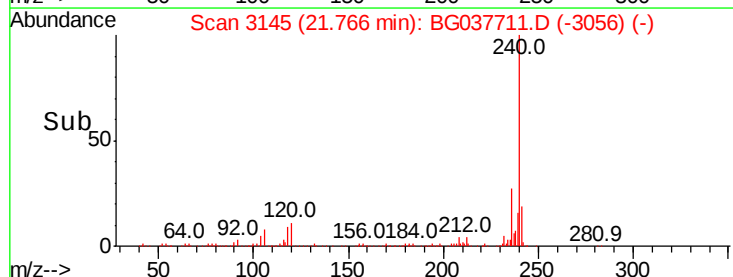
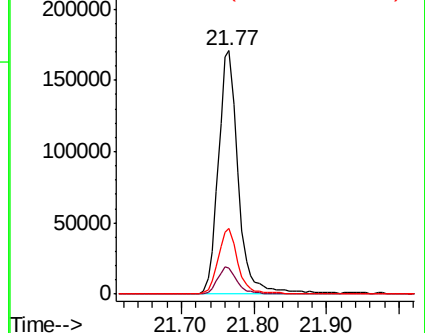
236 26.8 21.4 32.0

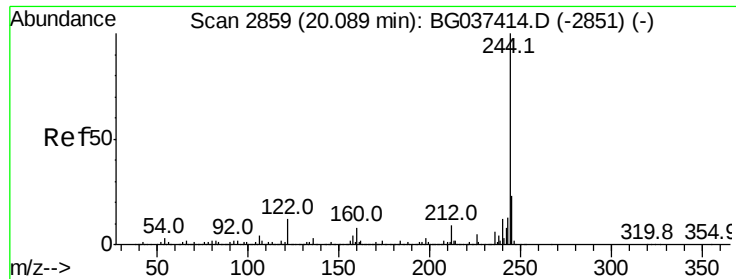


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.420 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037711.D

Acq: 1 Nov 2018 9:59

Instrument :

BNA_G

ClientSampleId :

103018-SIDI-E-D-S

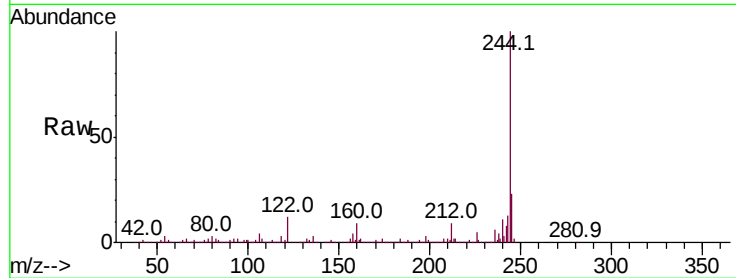
Tot Ion:244 Resp: 1402376

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

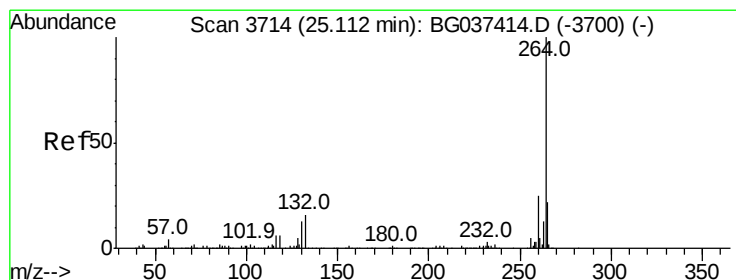
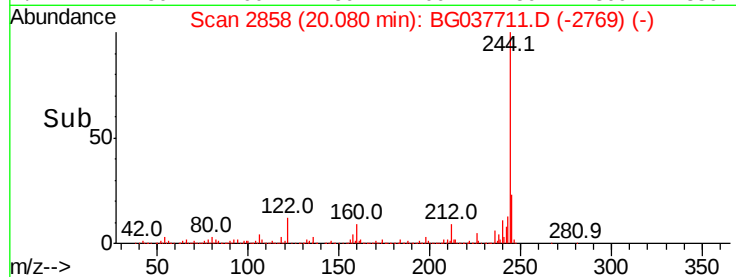
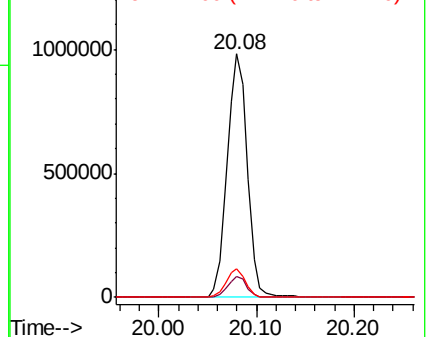
122 12.0 9.0 13.4



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: BG037711.D

Acq: 1 Nov 2018 9:59

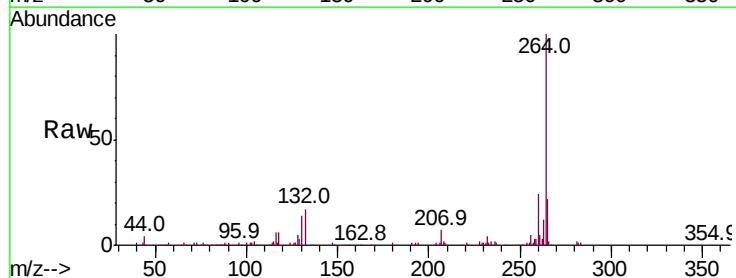
Tgt Ion:264 Resp: 295932

Ion Ratio Lower Upper

264 100

260 24.4 18.2 27.4

265 21.9 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

