

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
 Data File : BG037317.D
 Acq On : 13 Oct 2018 8:42
 Operator : JU/SJ
 Sample : J5383-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 100918-SIDI-F-U-S

Quant Time: Oct 15 02:29:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

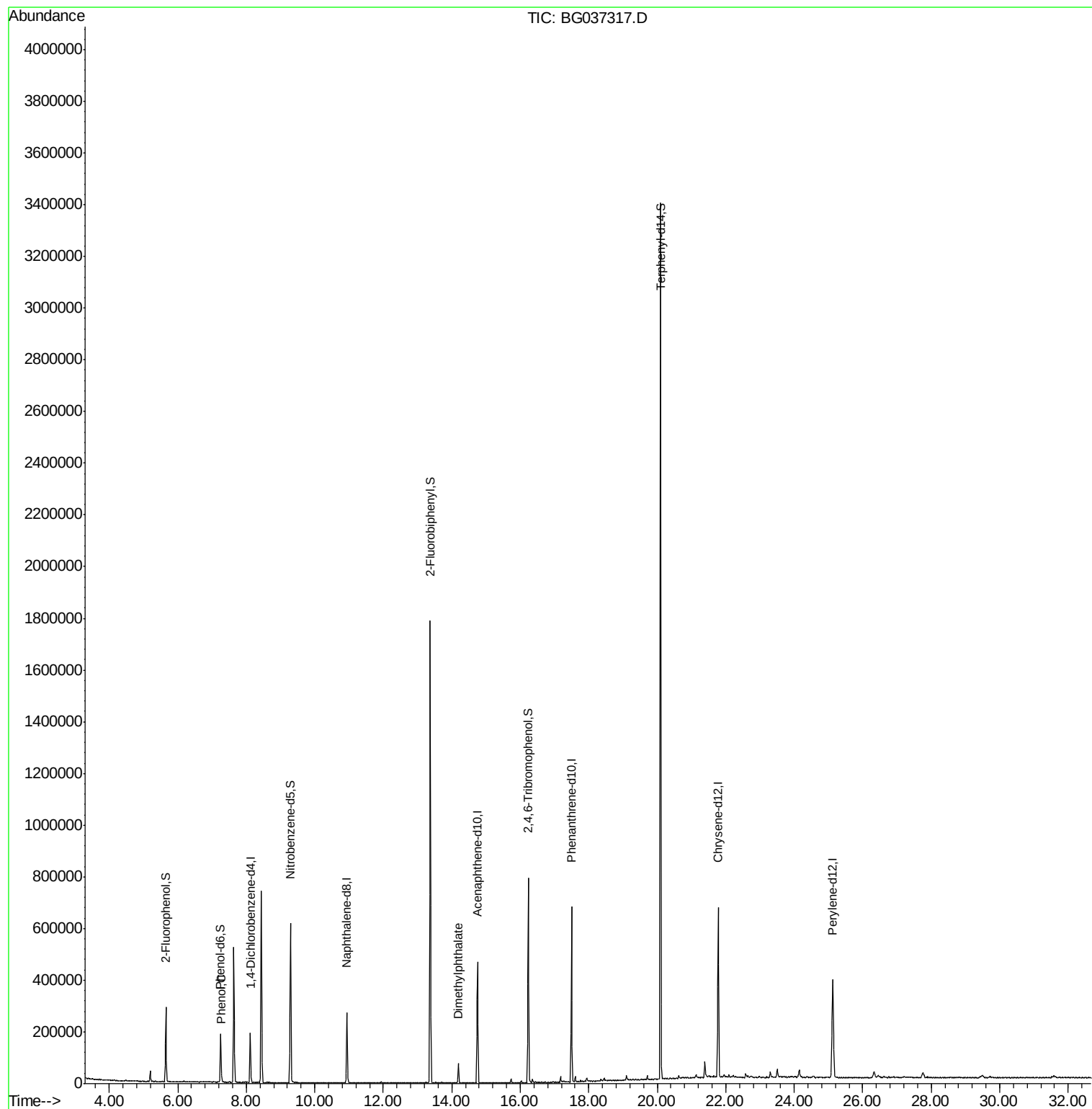
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	55712	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	245146	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	167382	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	429498	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	401148	20.00	ng	-0.02
87) Perylene-d12	25.12	264	404863	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	130795	41.32	ng	0.00
7) Phenol-d6	7.25	99	116664	24.28	ng	0.00
23) Nitrobenzene-d5	9.29	82	389823	104.55	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	138375	84.30	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	989144	88.75	ng	-0.01
79) Terphenyl-d14	20.10	244	1618656	84.73	ng	0.00
Target Compounds						
10) Phenol	7.28	94	13764	2.720	ng	94
50) Dimethylphthalate	14.19	163	51815	3.939	ng	97

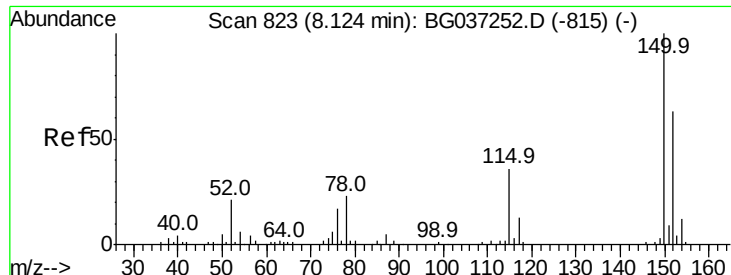
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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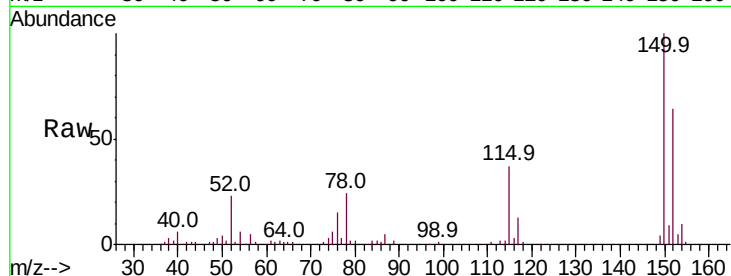


#1

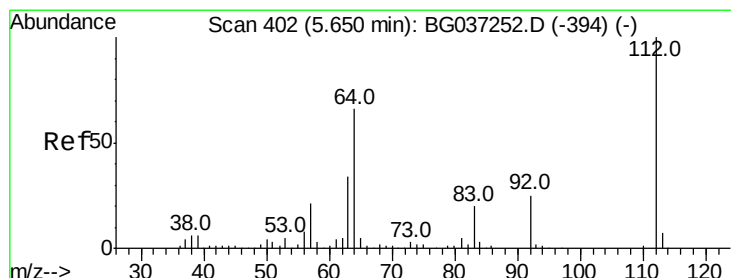
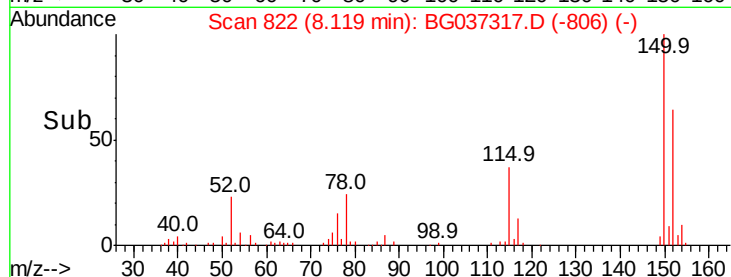
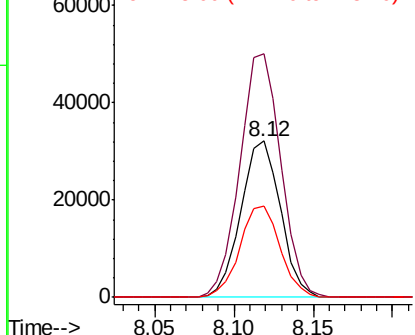
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG037317.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_G
ClientSampleId :
100918-SIDI-F-U-S

Tot Ion:152 Resp: 55712
Ion Ratio Lower Upper
152 100
150 156.1 126.0 189.0
115 58.3 45.5 68.3



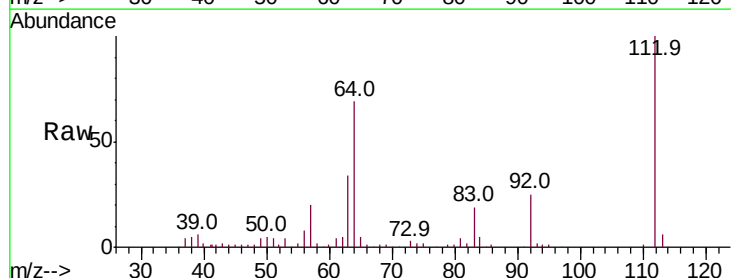
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



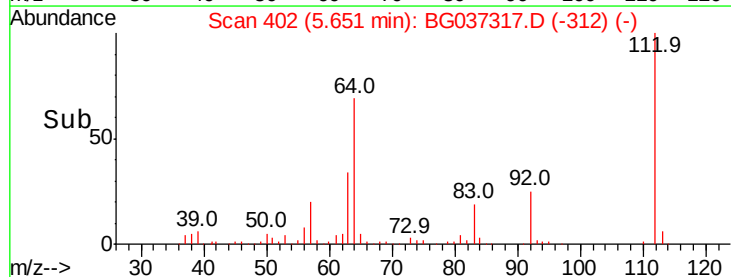
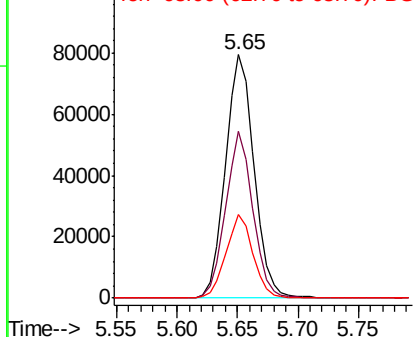
#5

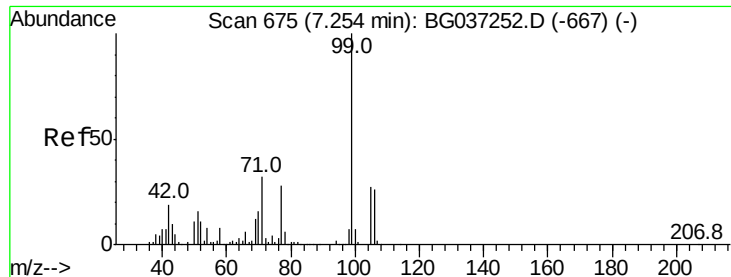
2-Fluorophenol
Concen: 41.317 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037317.D
Acq: 13 Oct 2018 8:42

Tgt Ion:112 Resp: 130795
Ion Ratio Lower Upper
112 100
64 68.7 53.1 79.7
63 34.1 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: 24.280 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037317.D

Acq: 13 Oct 2018 8:42

Instrument :

BNA_G

ClientSampleId :

100918-SIDI-F-U-S

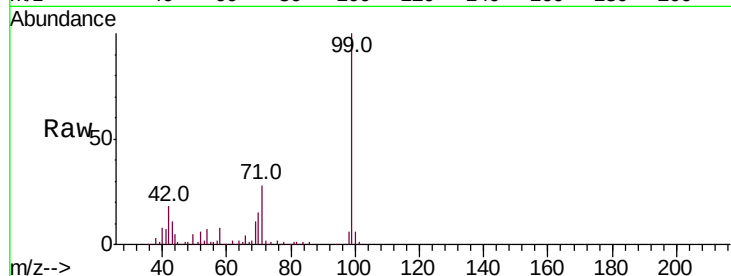
Tot Ion: 99 Resp: 116664

Ion Ratio Lower Upper

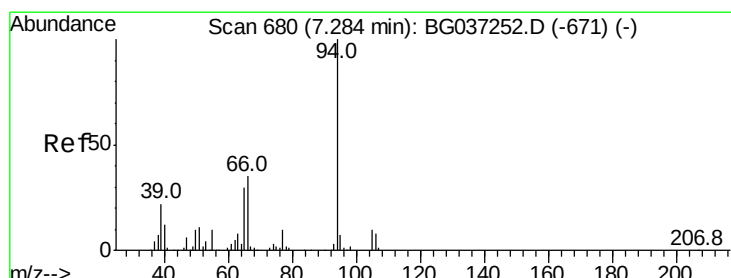
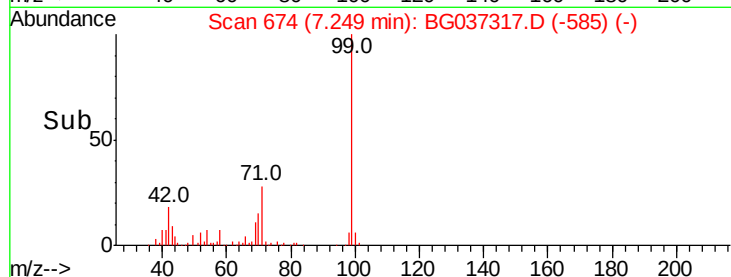
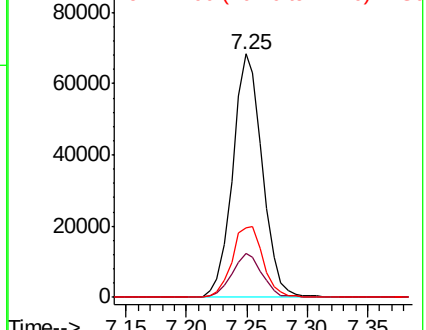
99 100

42 18.2 15.0 22.4

71 28.5 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: 2.720 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BG037317.D

Acq: 13 Oct 2018 8:42

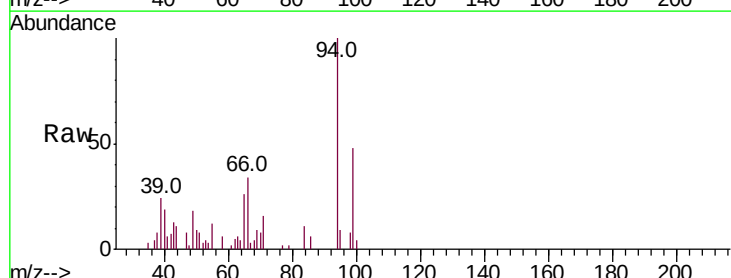
Tgt Ion: 94 Resp: 13764

Ion Ratio Lower Upper

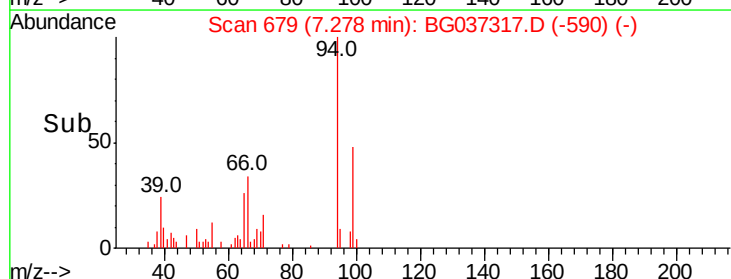
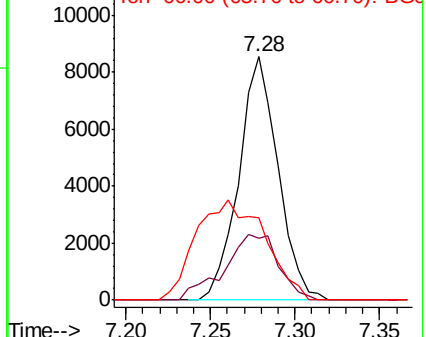
94 100

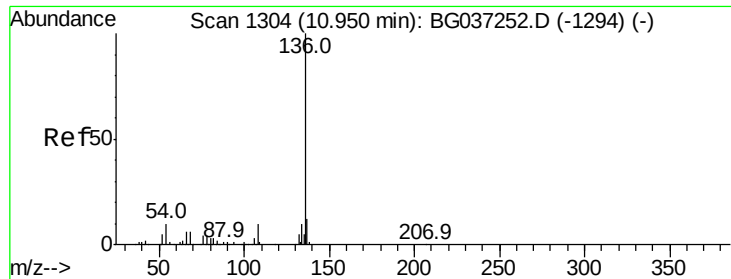
65 25.6 9.7 49.7

66 33.6 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

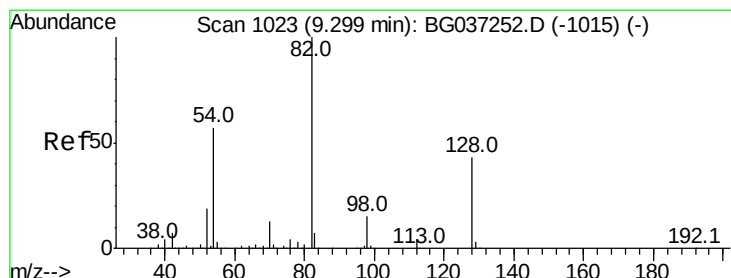
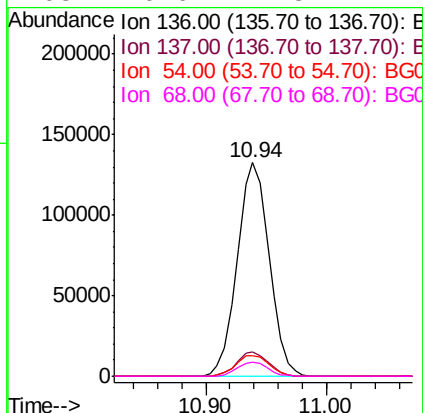
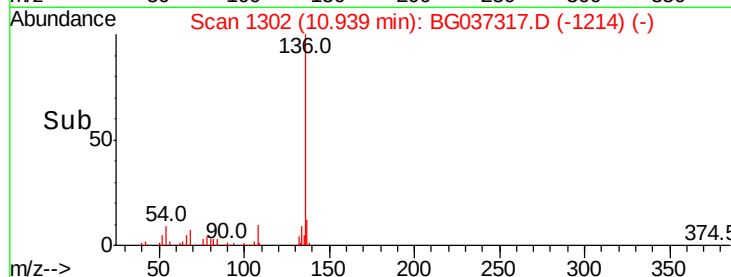
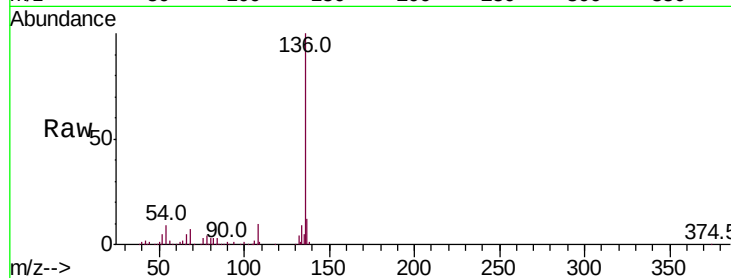




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037317.D
Acq: 13 Oct 2018 8:42

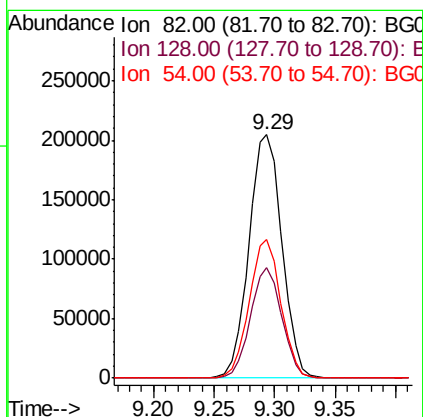
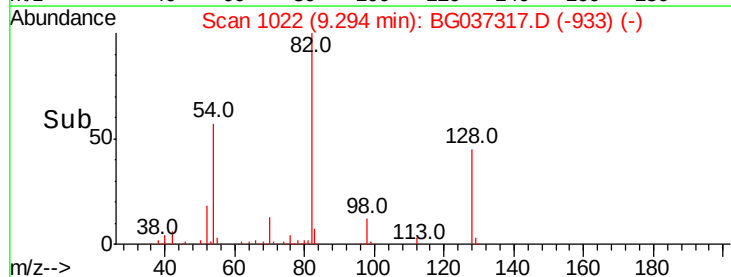
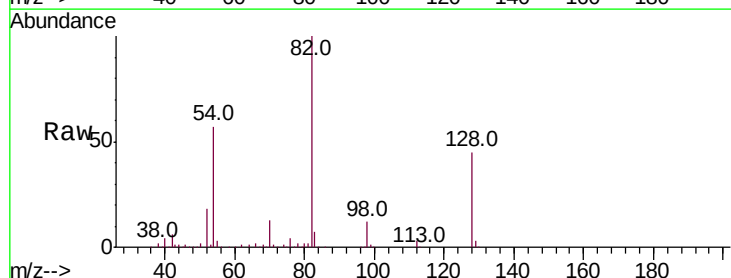
Instrument :
BNA_G
ClientSampleId :
100918-SIDI-F-U-S

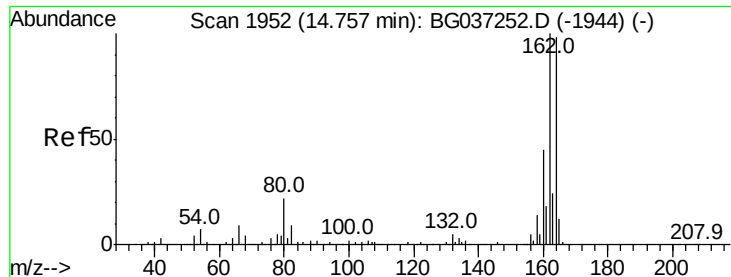
Tot Ion:136	Resp:	245146
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.6 14.4
54	9.4	7.9 11.9
68	6.6	4.8 7.2



#23
Nitrobenzene-d5
Concen: 104.545 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG037317.D
Acq: 13 Oct 2018 8:42

Tgt Ion: 82	Resp:	389823
Ion Ratio	Lower	Upper
82	100	
128	45.5	34.6 51.8
54	56.9	45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG037317.D

Acq: 13 Oct 2018 8:42

Instrument :

BNA_G

ClientSampleId :

100918-SIDI-F-U-S

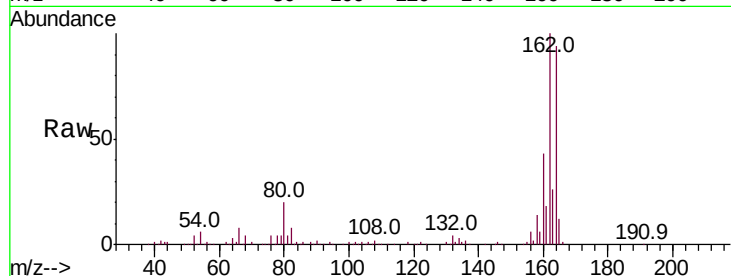
Tot Ion:164 Resp: 167382

Ion Ratio Lower Upper

164 100

162 105.9 81.3 121.9

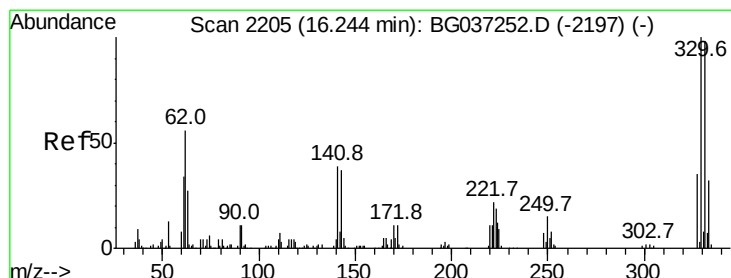
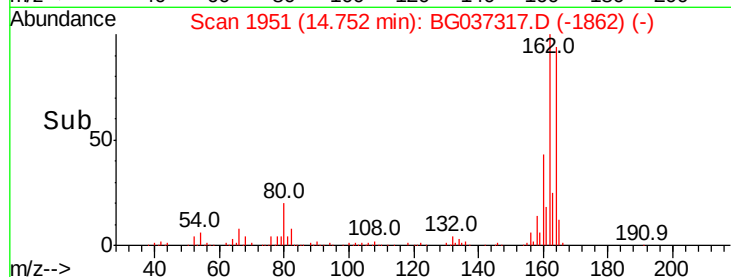
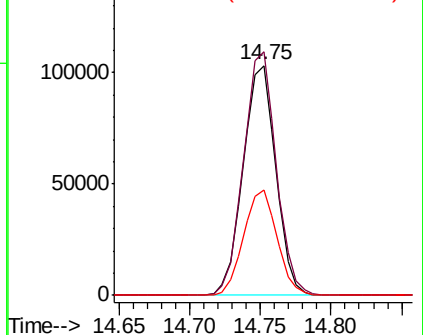
160 45.8 36.3 54.5



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: 84.295 ng

RT: 16.23 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG037317.D

Acq: 13 Oct 2018 8:42

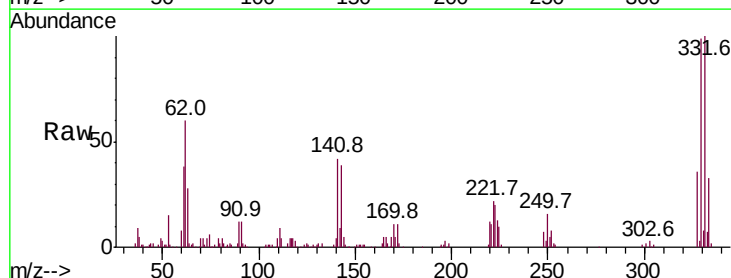
Tgt Ion:330 Resp: 138375

Ion Ratio Lower Upper

330 100

332 96.8 78.4 117.6

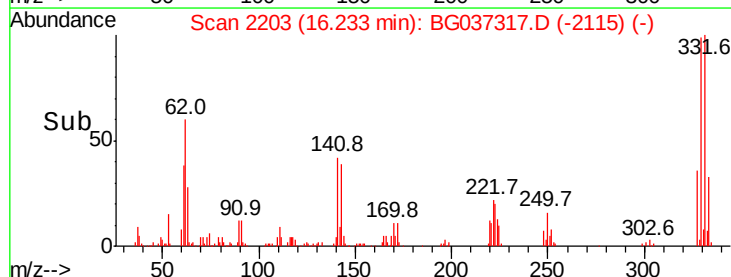
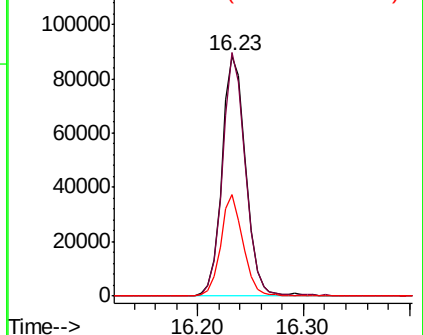
141 39.6 32.2 48.2

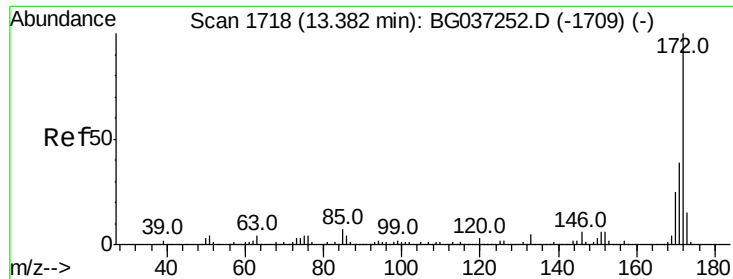


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

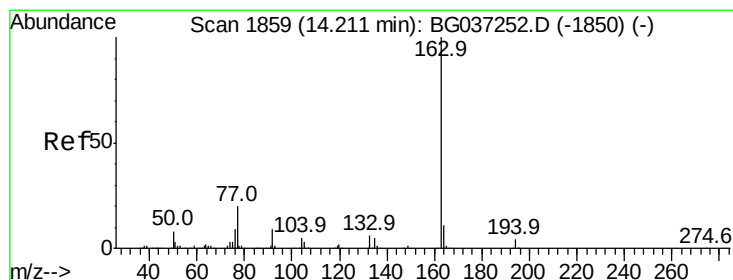
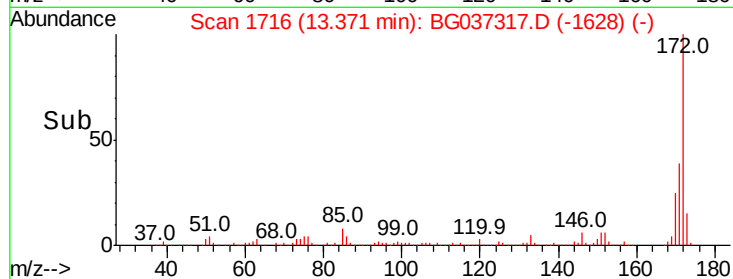
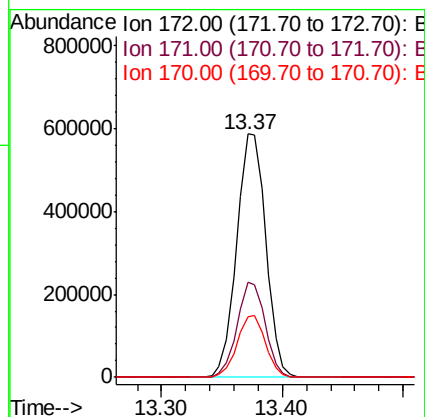
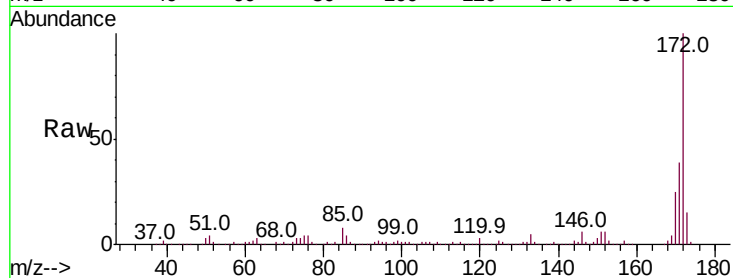




#45
 2-Fluorobiphenyl
 Concen: 88.747 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG037317.D
 Acq: 13 Oct 2018 8:42

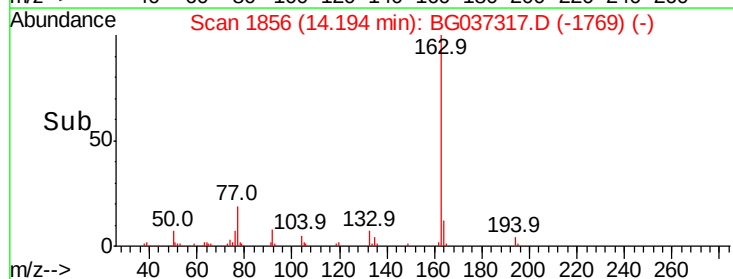
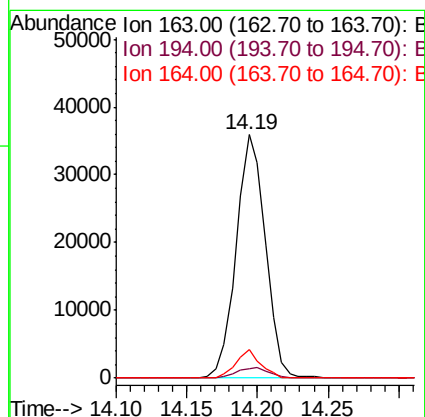
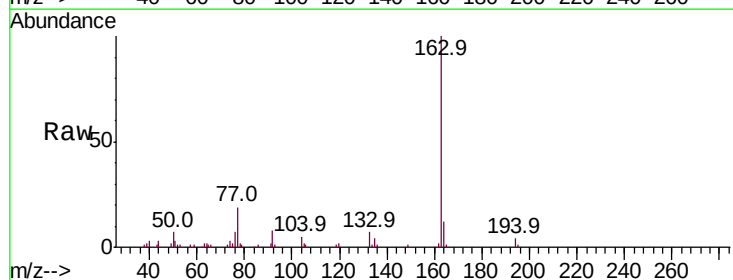
Instrument :
 BNA_G
 ClientSampleId :
 100918-SIDI-F-U-S

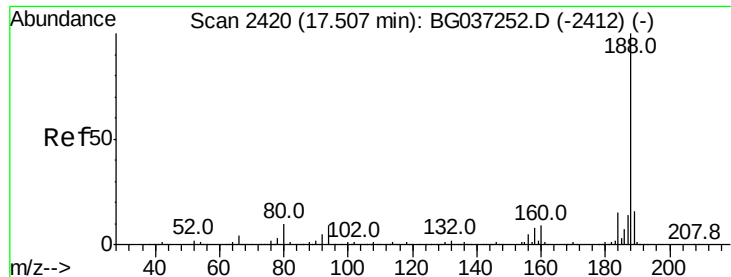
Tot Ion:	172	Resp:	989144
Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.0	46.4
170	24.8	20.2	30.2



#50
 Dimethylphthalate
 Concen: 3.939 ng
 RT: 14.19 min Scan# 1856
 Delta R.T. -0.02 min
 Lab File: BG037317.D
 Acq: 13 Oct 2018 8:42

Tgt Ion:	163	Resp:	51815
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.5	5.3
164	11.6	8.5	12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG037317.D

Acq: 13 Oct 2018 8:42

Instrument :

BNA_G

ClientSampleId :

100918-SIDI-F-U-S

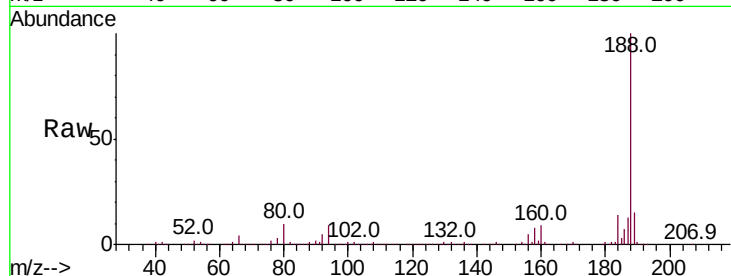
Tot Ion:188 Resp: 429498

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

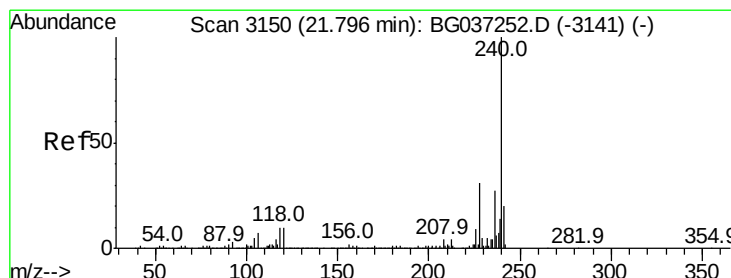
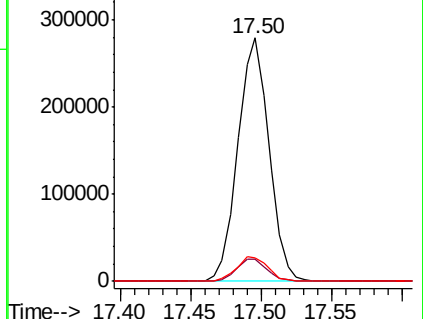
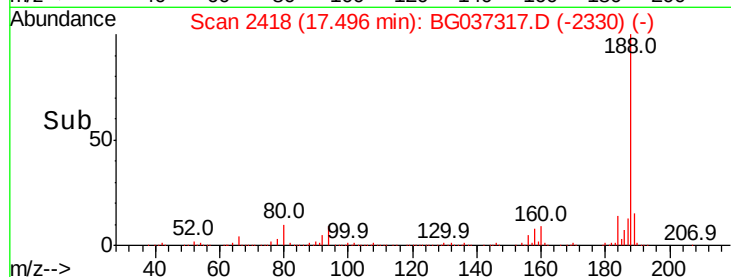
80 9.6 7.7 11.5



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: 21.78 min Scan# 3147

Delta R.T. -0.02 min

Lab File: BG037317.D

Acq: 13 Oct 2018 8:42

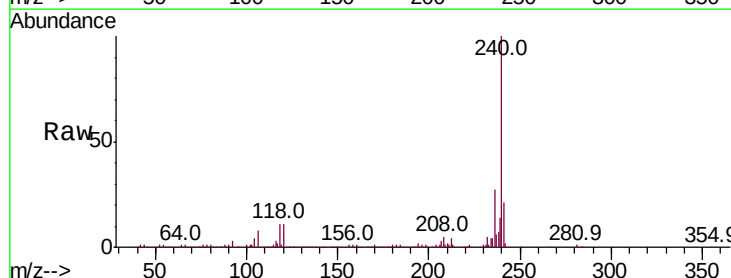
Tgt Ion:240 Resp: 401148

Ion Ratio Lower Upper

240 100

120 11.1 8.1 12.1

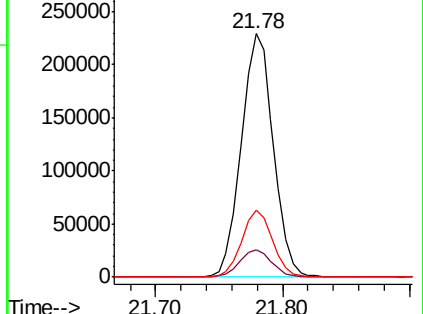
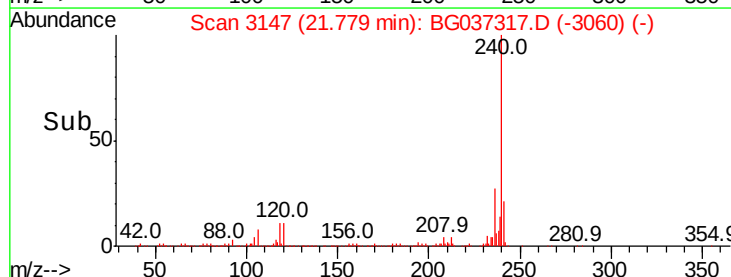
236 27.4 21.4 32.0

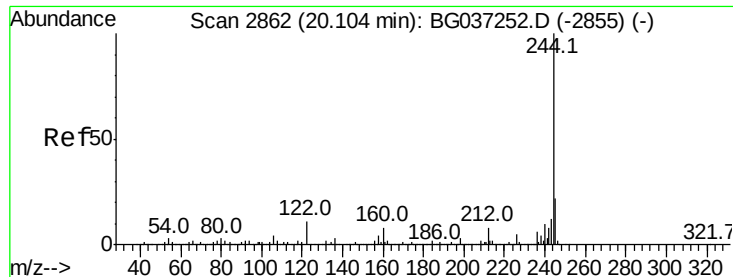


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.726 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG037317.D

Acq: 13 Oct 2018 8:42

Instrument :

BNA_G

ClientSampleId :

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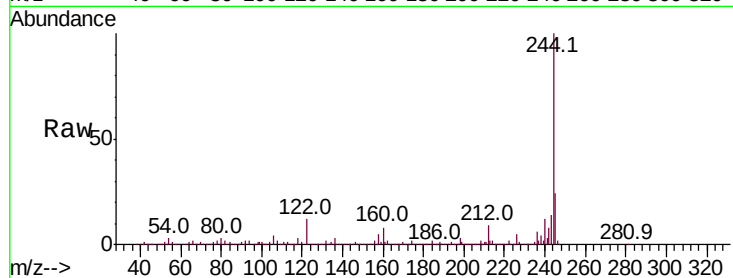
Tot Ion:244 Resp: 1618656

Ion Ratio Lower Upper

244 100

212 9.0 6.5 9.7

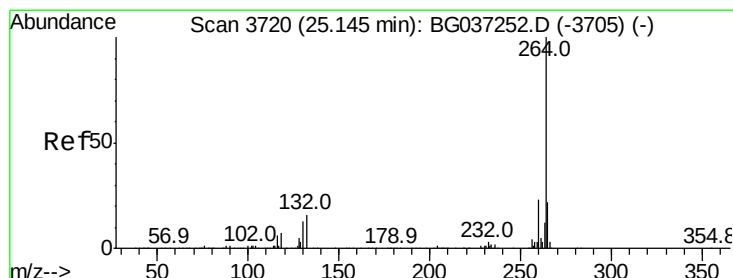
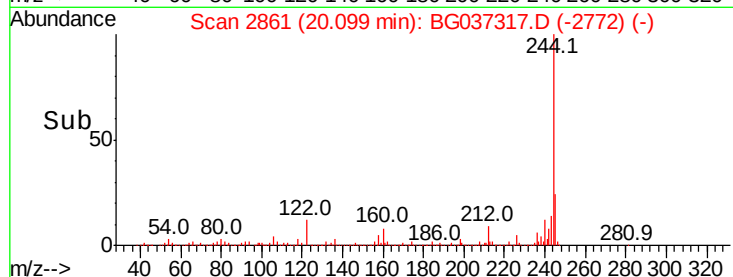
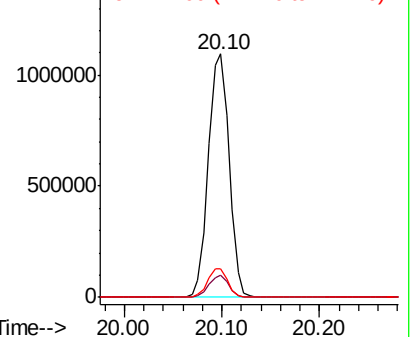
122 11.7 9.0 13.4



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: 25.12 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG037317.D

Acq: 13 Oct 2018 8:42

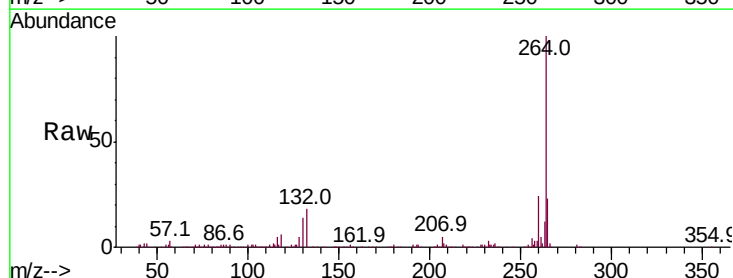
Tgt Ion:264 Resp: 404863

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.4

265 22.6 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

