

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
 Data File : BG037316.D
 Acq On : 13 Oct 2018 8:03
 Operator : JU/SJ
 Sample : J5383-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Oct 15 02:27:46 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

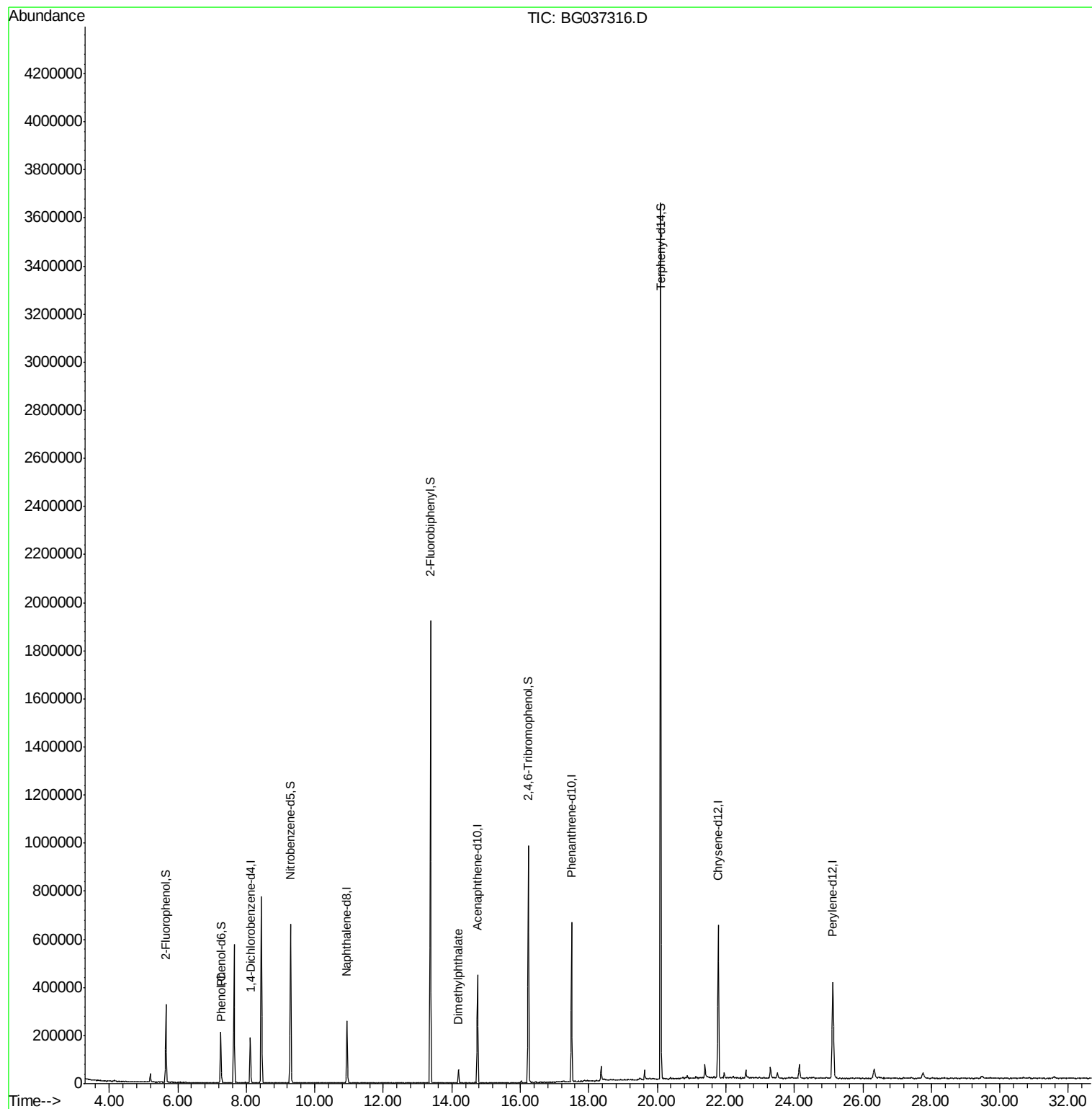
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	56287	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	231235	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	157901	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	409761	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	402897	20.00	ng	-0.01
87) Perylene-d12	25.13	264	409801	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	152195	47.59	ng	0.00
7) Phenol-d6	7.25	99	135031	27.82	ng	0.00
23) Nitrobenzene-d5	9.29	82	407471	115.85	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	178935	115.55	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1017782	96.80	ng	0.00
79) Terphenyl-d14	20.10	244	1695986	88.39	ng	0.00
Target Compounds						
10) Phenol	7.28	94	11402	2.230	ng	81
50) Dimethylphthalate	14.20	163	39589	3.190	ng	98

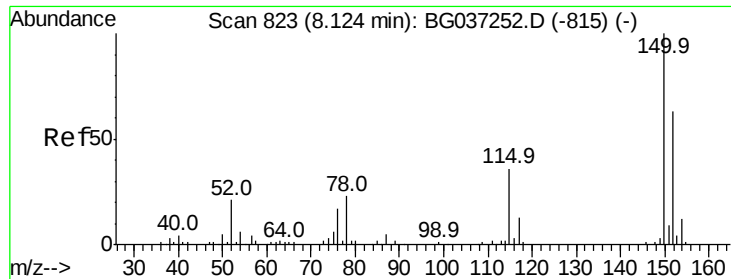
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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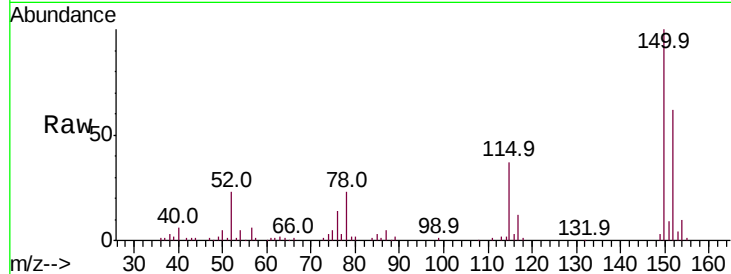


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG037316.D
Acq: 13 Oct 2018 8:03

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.8	126.0	189.0
115	60.5	45.5	68.3

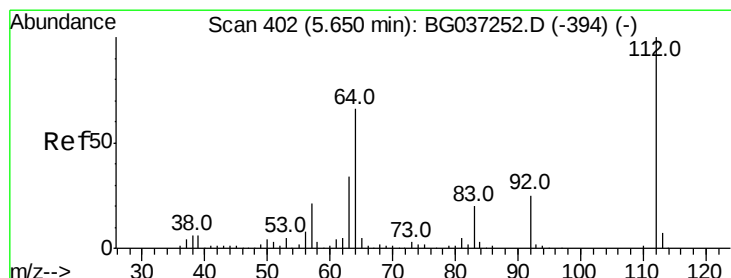
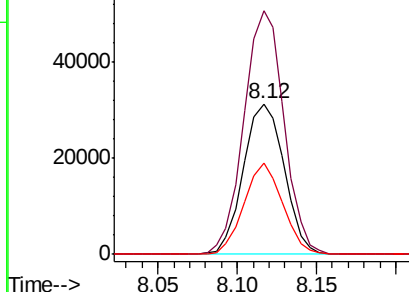
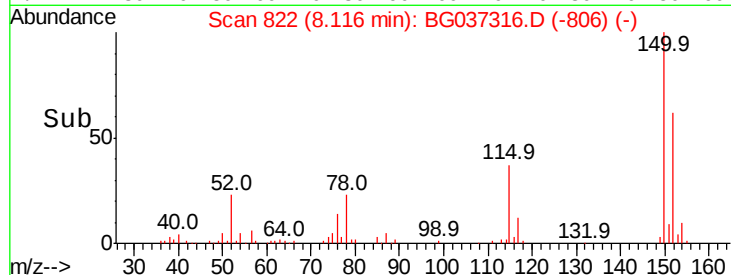


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

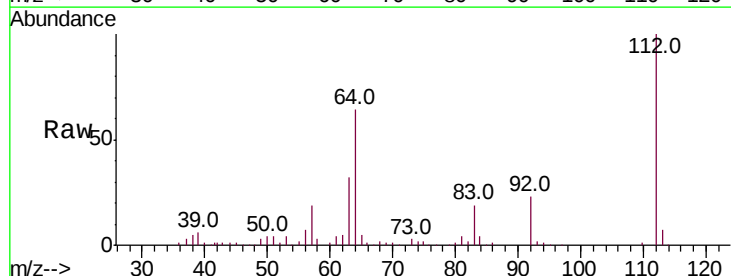
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 47.586 ng
RT: 5.65 min Scan# 403
Delta R.T. 0.00 min
Lab File: BG037316.D
Acq: 13 Oct 2018 8:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	53.1	79.7
63	32.5	27.3	40.9

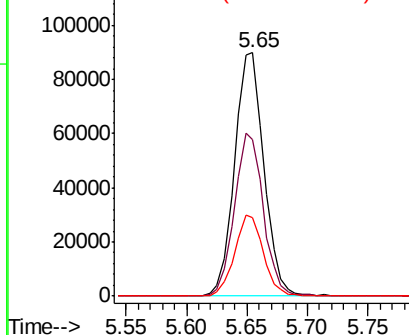
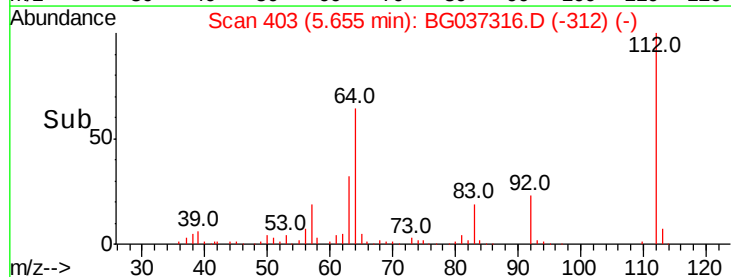


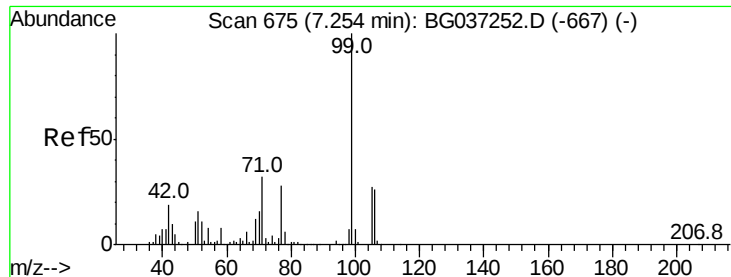
Abundance

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: 27.816 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG037316.D

Acq: 13 Oct 2018 8:03

Instrument :

BNA_G

ClientSampleId :

100918-SIDI-F-U-M

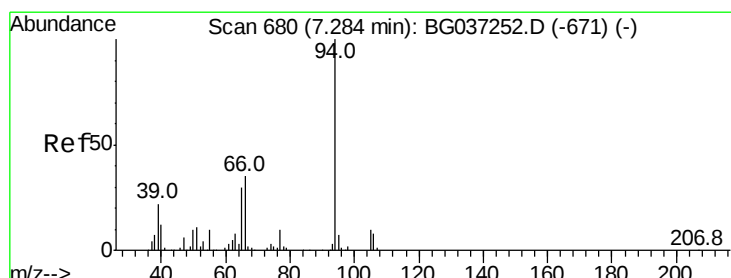
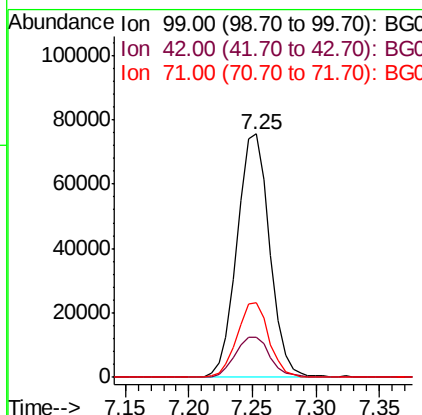
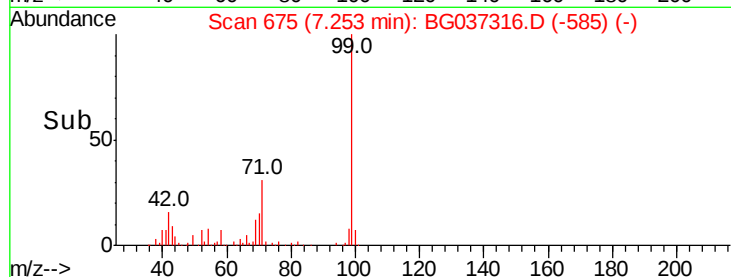
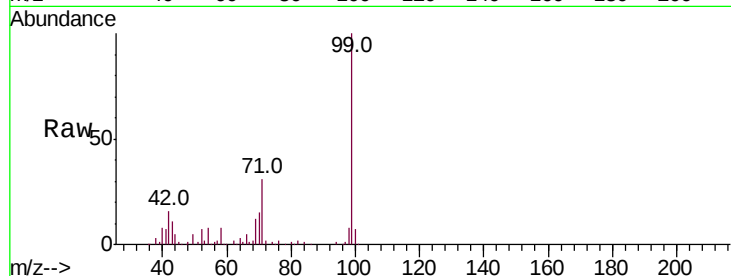
Tot Ion: 99 Resp: 135031

Ion Ratio Lower Upper

99 100

42 16.3 15.0 22.4

71 30.5 25.5 38.3



#10

Phenol

Concen: 2.230 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BG037316.D

Acq: 13 Oct 2018 8:03

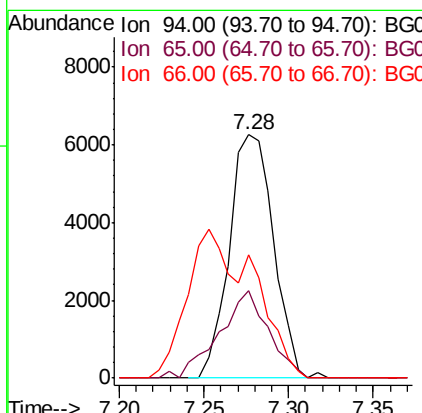
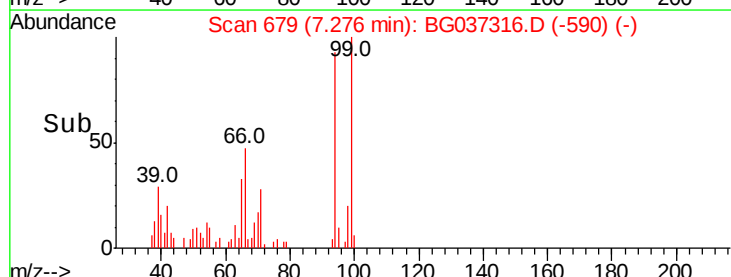
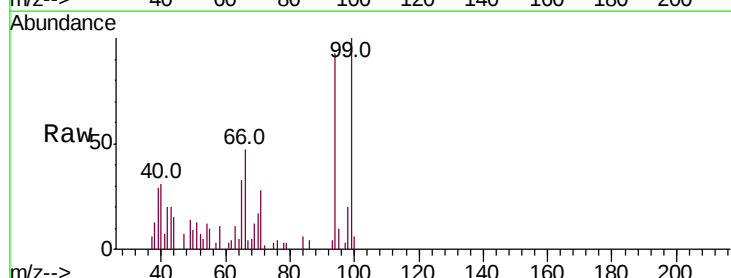
Tgt Ion: 94 Resp: 11402

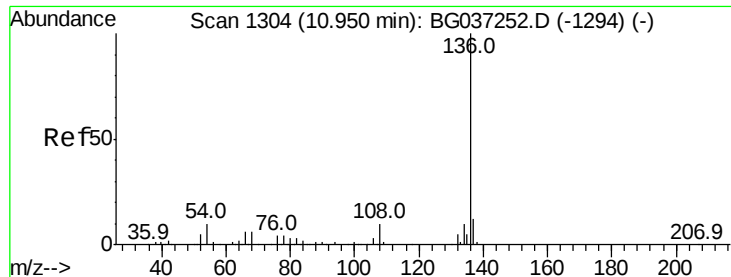
Ion Ratio Lower Upper

94 100

65 35.8 9.7 49.7

66 50.4 15.9 55.9

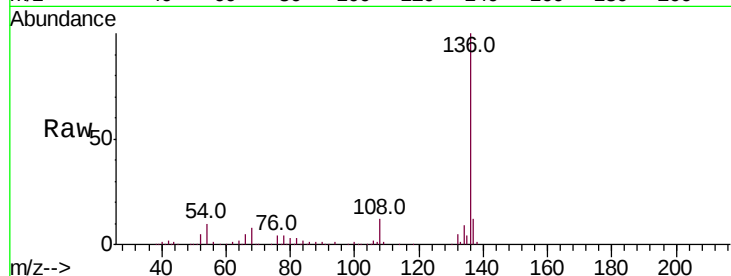




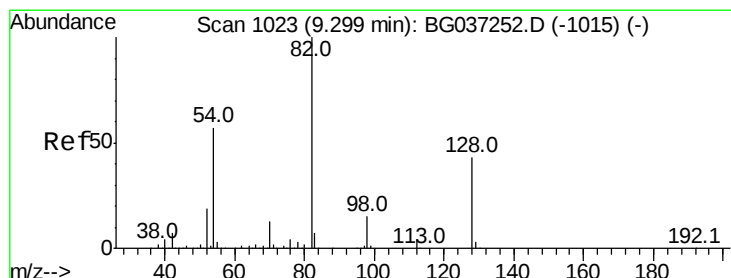
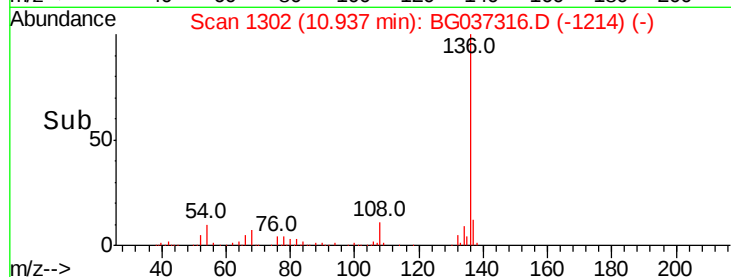
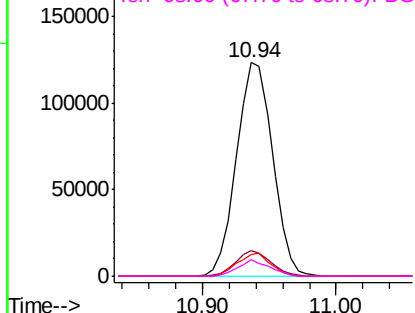
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037316.D
Acq: 13 Oct 2018 8:03

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

Tot Ion:136	Resp:	231235
Ion	Ratio	Lower Upper
136	100	
137	11.9	9.6 14.4
54	10.4	7.9 11.9
68	7.5	4.8 7.2#

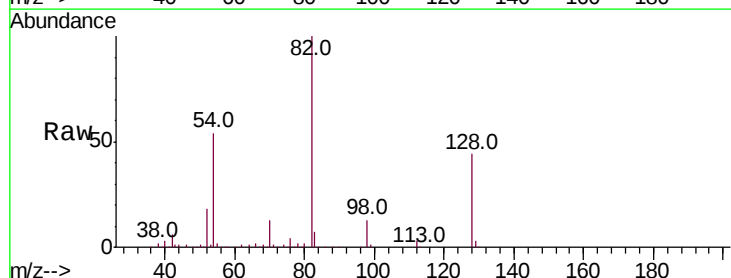


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

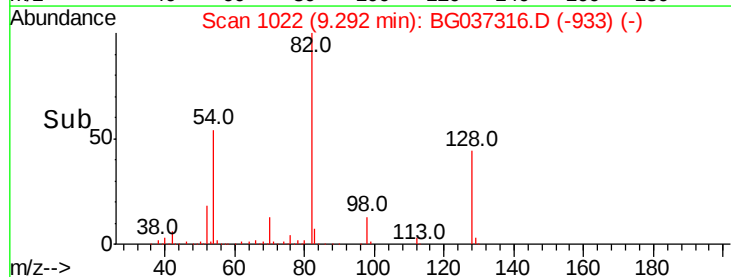
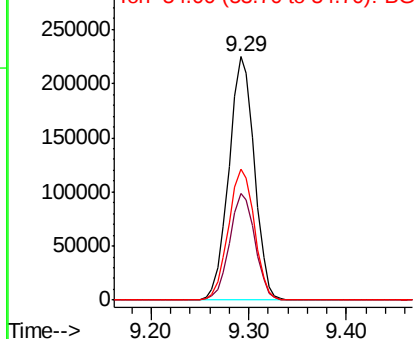


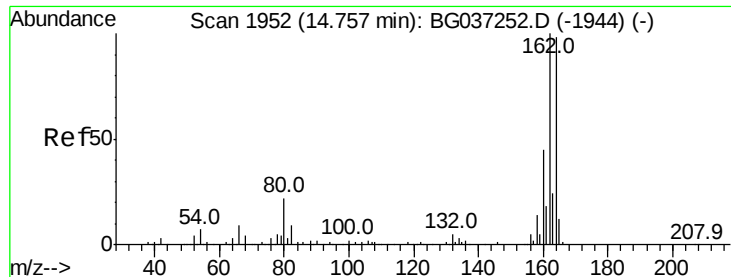
#23
Nitrobenzene-d5
Concen: 115.852 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG037316.D
Acq: 13 Oct 2018 8:03

Tgt Ion: 82	Resp:	407471
Ion	Ratio	Lower Upper
82	100	
128	43.8	34.6 51.8
54	53.8	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: 14.75 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG037316.D

Acq: 13 Oct 2018 8:03

Instrument :

BNA_G

ClientSampleId :

100918-SIDI-F-U-M

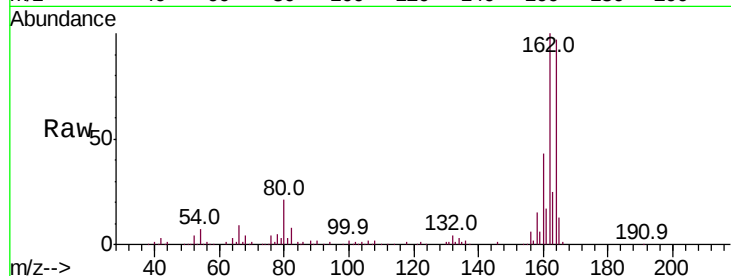
Tot Ion:164 Resp: 157901

Ion Ratio Lower Upper

164 100

162 102.6 81.3 121.9

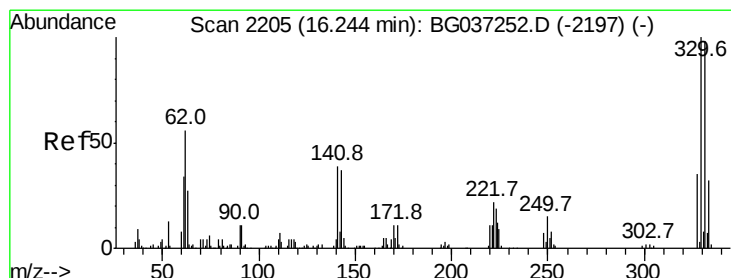
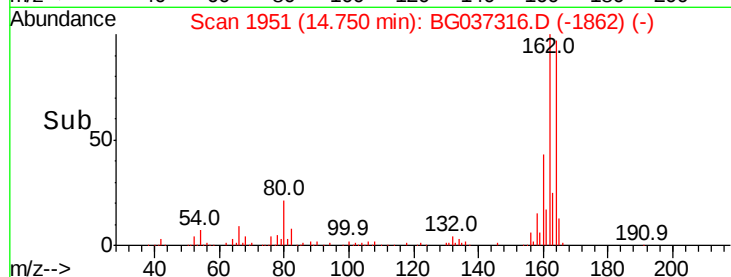
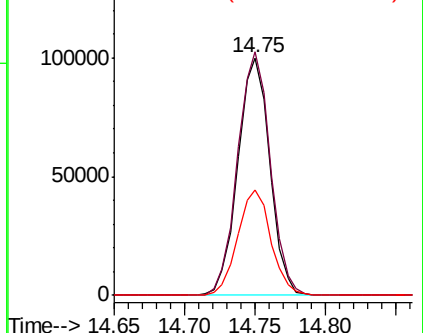
160 44.3 36.3 54.5



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: 115.549 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG037316.D

Acq: 13 Oct 2018 8:03

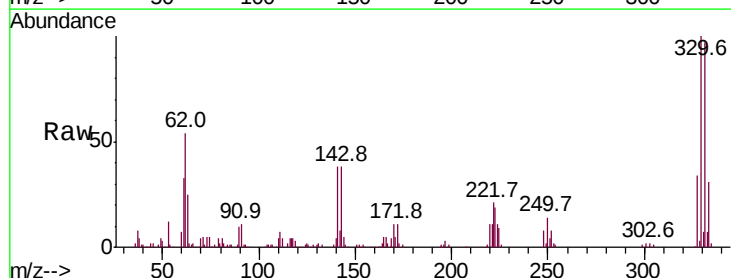
Tgt Ion:330 Resp: 178935

Ion Ratio Lower Upper

330 100

332 95.4 78.4 117.6

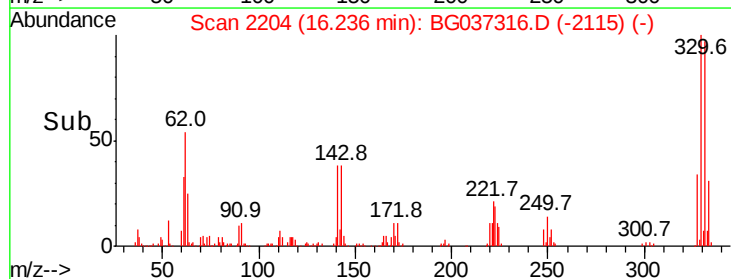
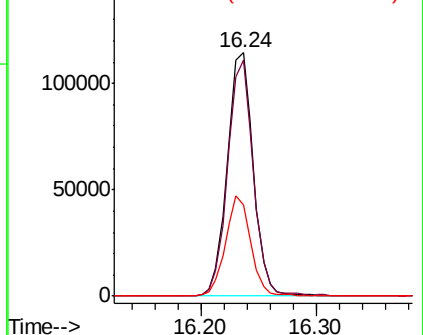
141 39.7 32.2 48.2

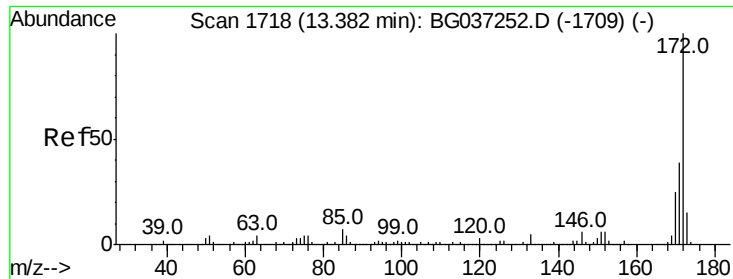


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



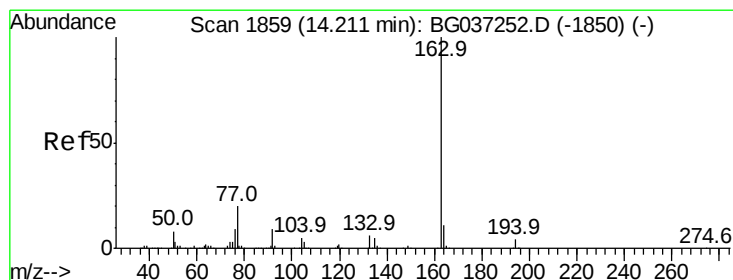
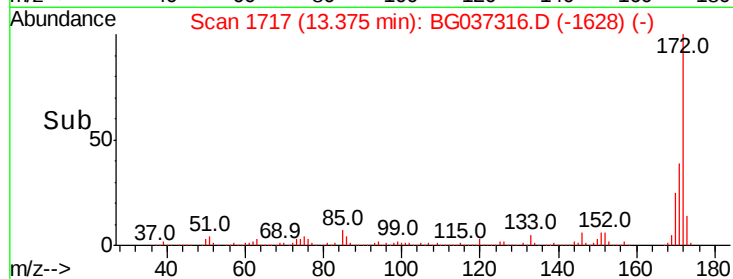
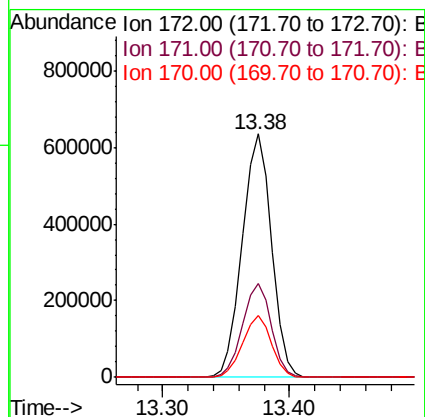
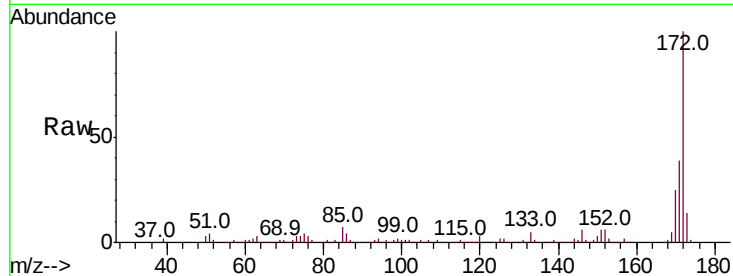


#45
 2-Fluorobiphenyl
 Concen: 96.799 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG037316.D
 Acq: 13 Oct 2018 8:03

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

Tot Ion:172 Resp: 1017782

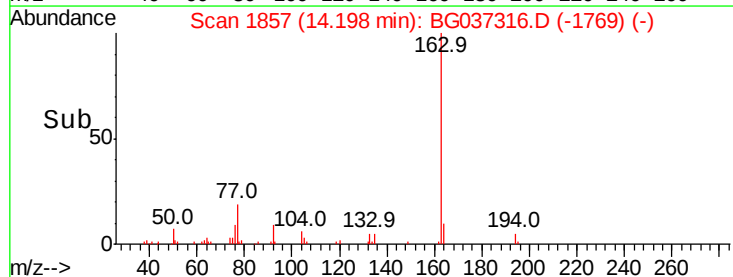
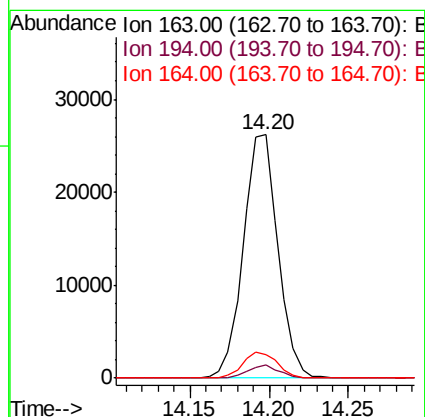
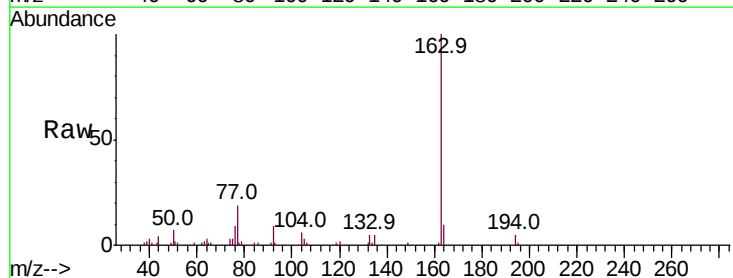
Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.0	46.4
170	25.5	20.2	30.2

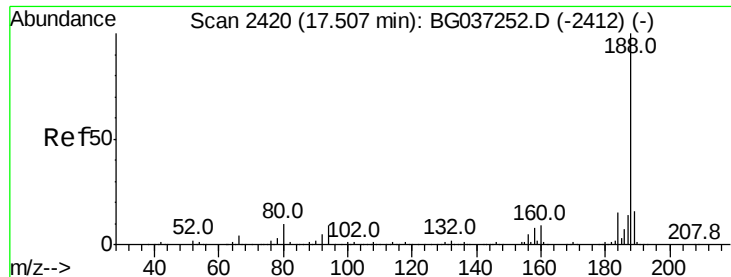


#50
 Dimethylphthalate
 Concen: 3.190 ng
 RT: 14.20 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: BG037316.D
 Acq: 13 Oct 2018 8:03

Tgt Ion:163 Resp: 39589

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.5	5.3
164	9.8	8.5	12.7

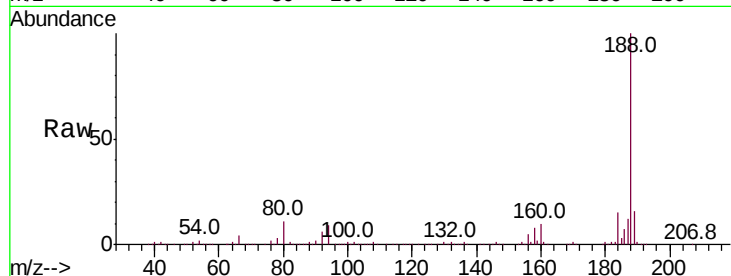




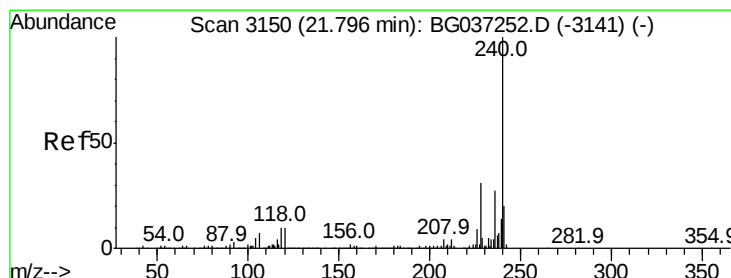
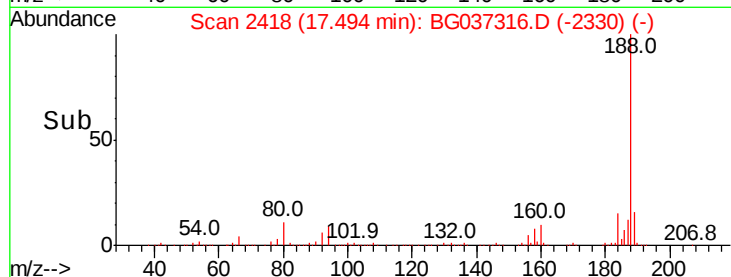
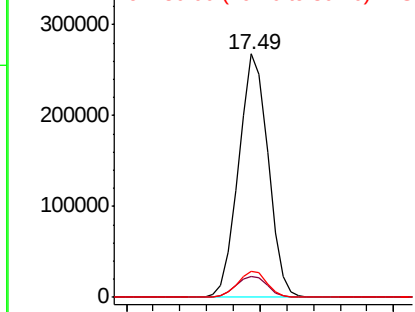
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BG037316.D
 Acq: 13 Oct 2018 8:03

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

Tot Ion:188 Resp: 409761
 Ion Ratio Lower Upper
 188 100
 94 8.5 7.2 10.8
 80 10.8 7.7 11.5

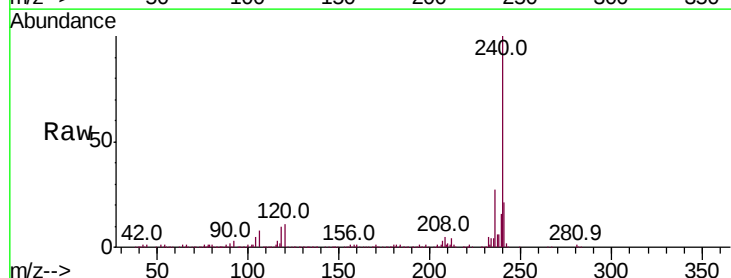


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

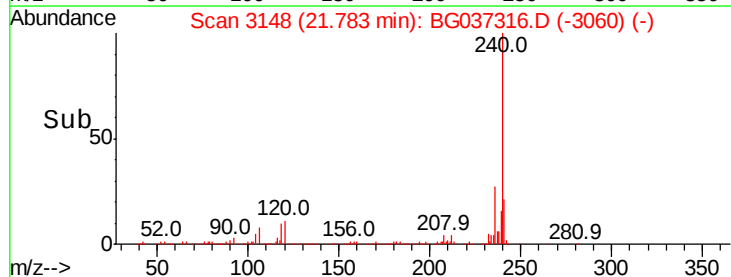
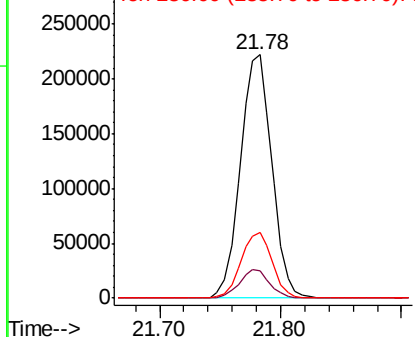


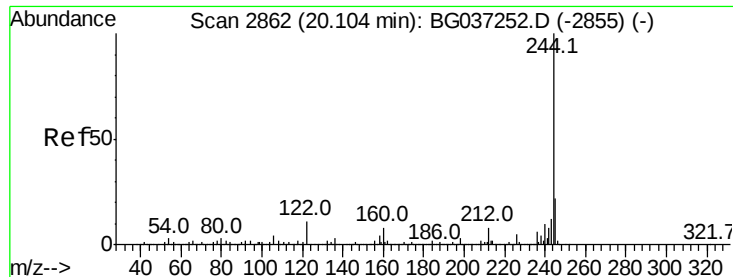
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.78 min Scan# 3148
 Delta R.T. -0.01 min
 Lab File: BG037316.D
 Acq: 13 Oct 2018 8:03

Tgt Ion:240 Resp: 402897
 Ion Ratio Lower Upper
 240 100
 120 11.2 8.1 12.1
 236 26.7 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: 88.388 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG037316.D

Acq: 13 Oct 2018 8:03

Instrument :

BNA_G

ClientSampleId :

100918-SIDI-F-U-M

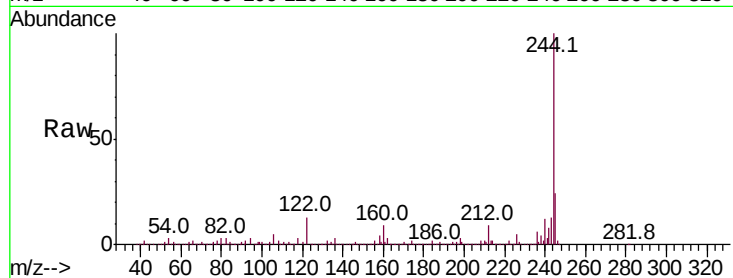
Tot Ion:244 Resp: 1695986

Ion	Ratio	Lower	Upper
244	100		
212	9.1	6.5	9.7
122	12.6	9.0	13.4

244 100

212 9.1 6.5 9.7

122 12.6 9.0 13.4

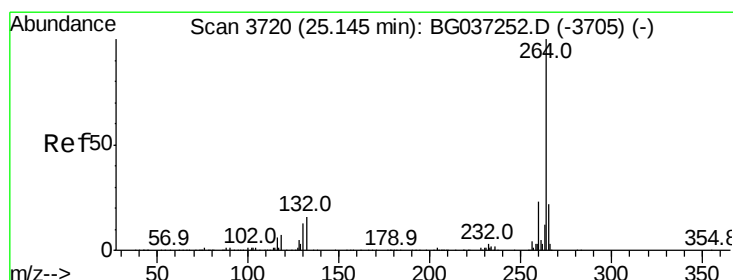
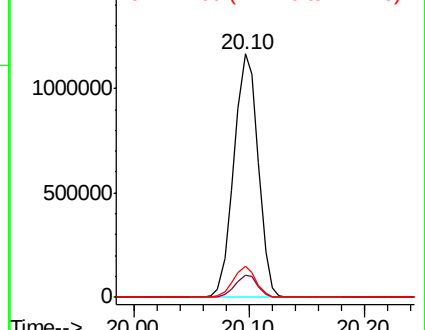
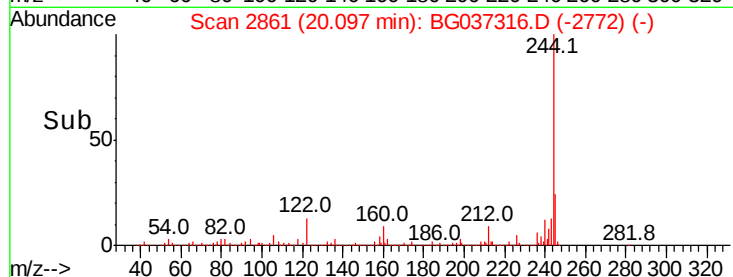


Abundance

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: 25.13 min Scan# 3717

Delta R.T. -0.02 min

Lab File: BG037316.D

Acq: 13 Oct 2018 8:03

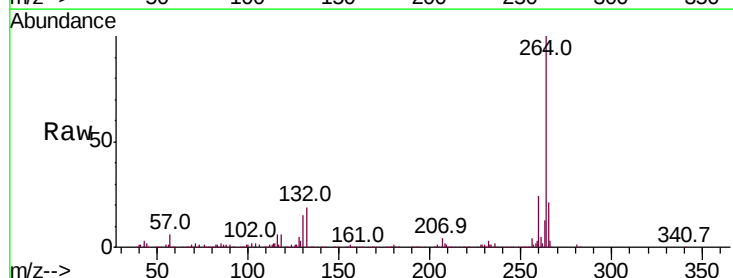
Tgt Ion:264 Resp: 409801

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	21.0	17.9	26.9

264 100

260 23.9 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

