

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037726.D
 Acq On : 1 Nov 2018 19:50
 Operator : JU/SJ
 Sample : J5729-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WS1

Quant Time: Nov 02 07:37:00 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

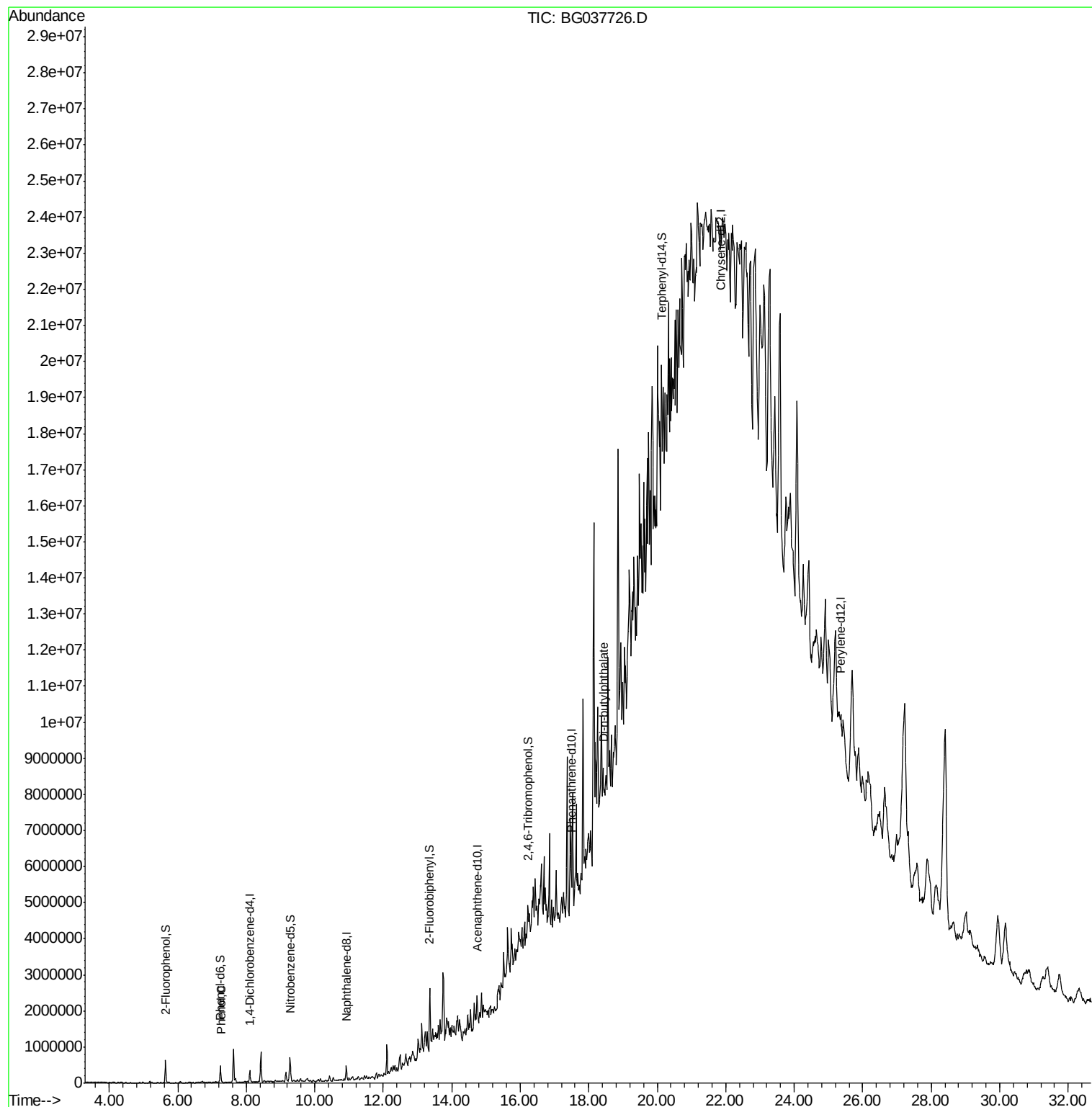
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	102568	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	387531	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	198389	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	353122	20.00	ng	0.00
76) Chrysene-d12	21.85	240	308686	20.00	ng	0.07
87) Perylene-d12	25.34	264	388996	20.00	ng	0.23
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	308287	50.25	ng	0.00
7) Phenol-d6	7.24	99	302593	32.62	ng	0.00
23) Nitrobenzene-d5	9.27	82	429544	62.09	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	163333	75.48	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	819910	62.32	ng	0.00
79) Terphenyl-d14	20.11	244	1062607	73.56	ng	0.03
Target Compounds						
10) Phenol	7.27	94	22278	2.276	ng	97
74) Di-n-butylphthalate	18.43	149	146254	7.463	ng	# 73

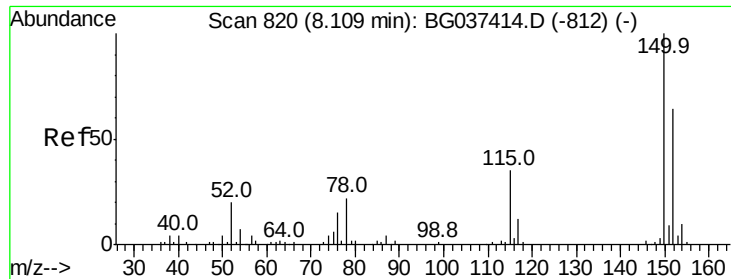
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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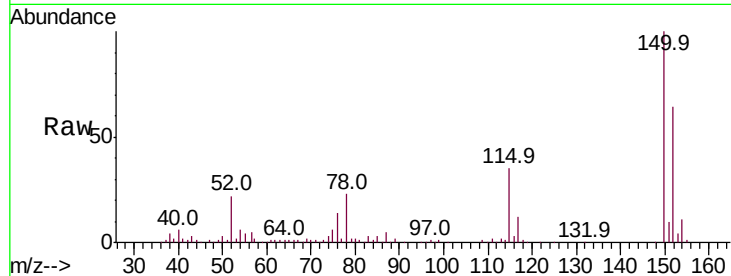


#1

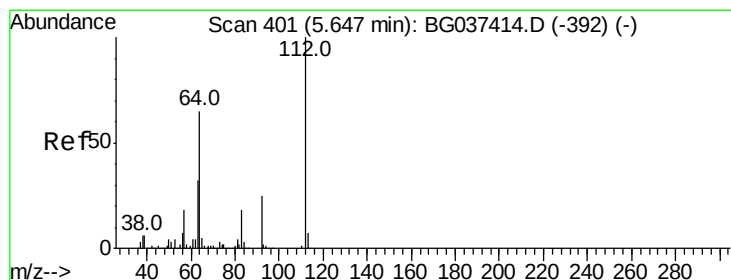
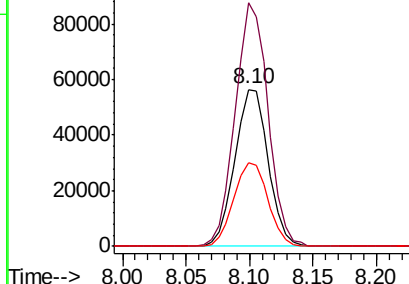
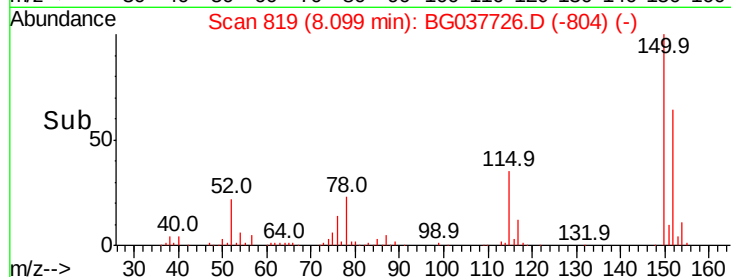
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037726.D
Acq: 1 Nov 2018 19:50

Instrument :
BNA_G
ClientSampleId :
WS1

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.0	189.0
115	53.8	45.5	68.3



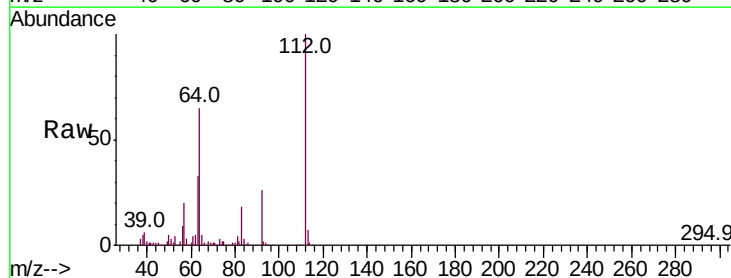
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



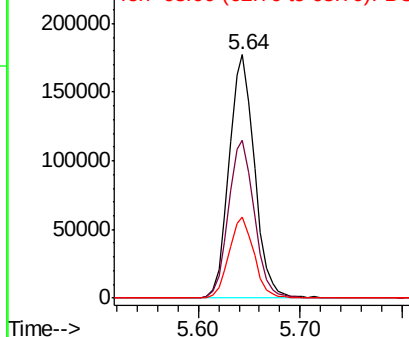
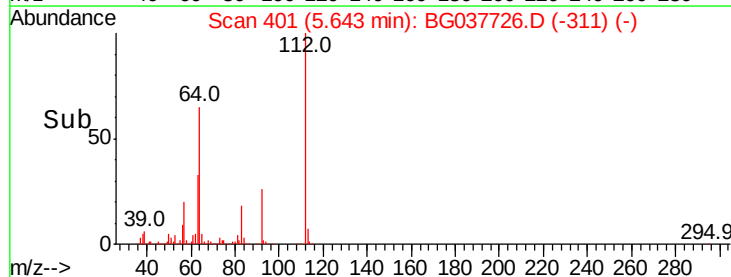
#5

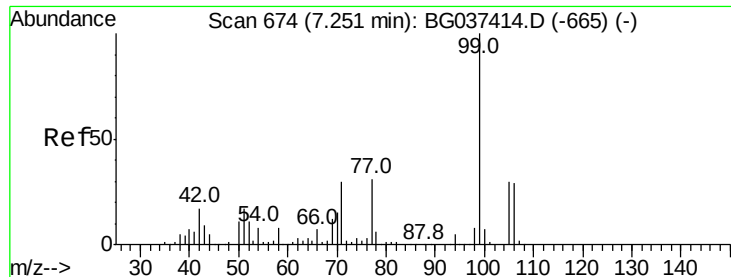
2-Fluorophenol
Concen: 50.251 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037726.D
Acq: 1 Nov 2018 19:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	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: 32.618 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037726.D

Acq: 1 Nov 2018 19:50

Instrument :

BNA_G

ClientSampleId :

WS1

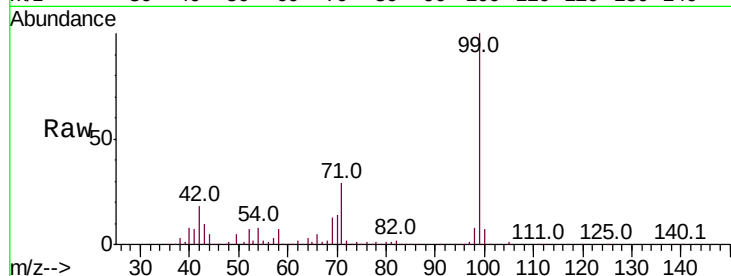
Tot Ion: 99 Resp: 302593

Ion Ratio Lower Upper

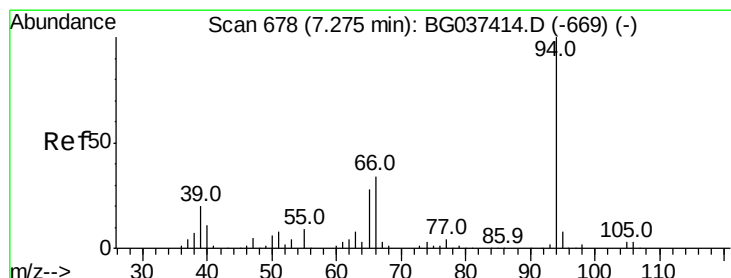
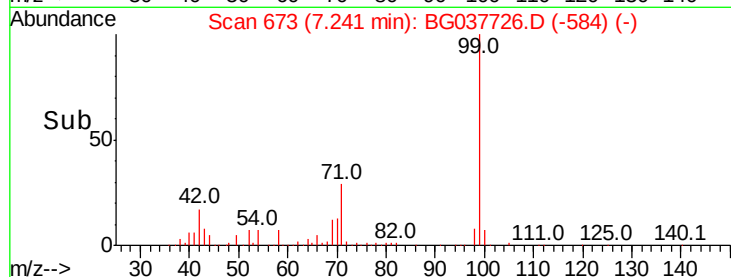
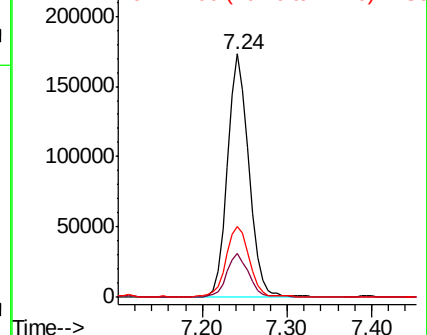
99 100

42 18.0 15.0 22.4

71 29.2 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: 2.276 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037726.D

Acq: 1 Nov 2018 19:50

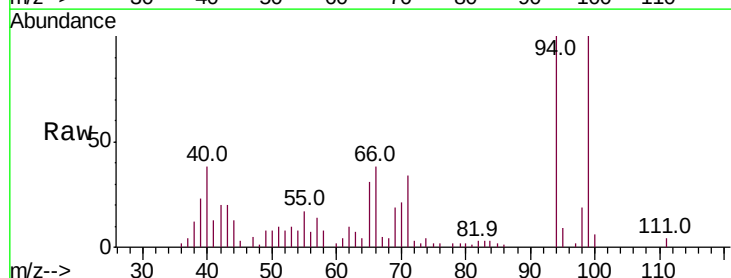
Tgt Ion: 94 Resp: 22278

Ion Ratio Lower Upper

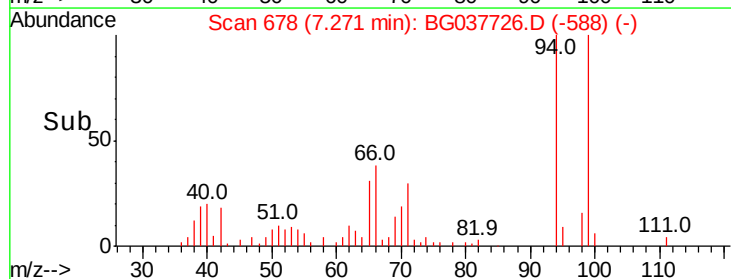
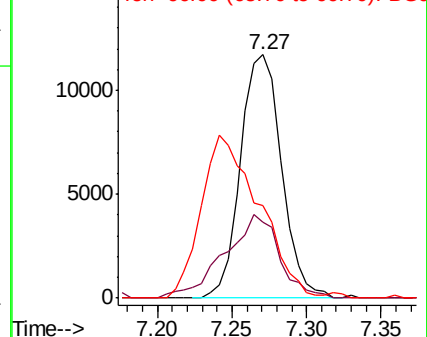
94 100

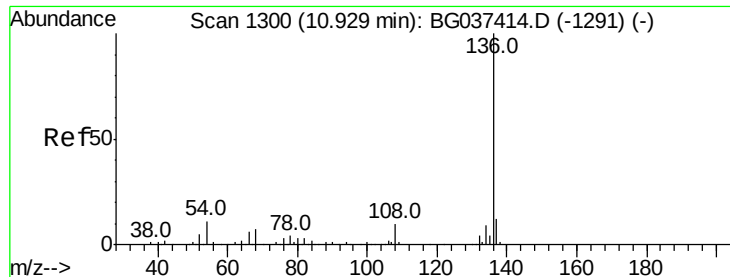
65 31.4 9.7 49.7

66 38.1 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

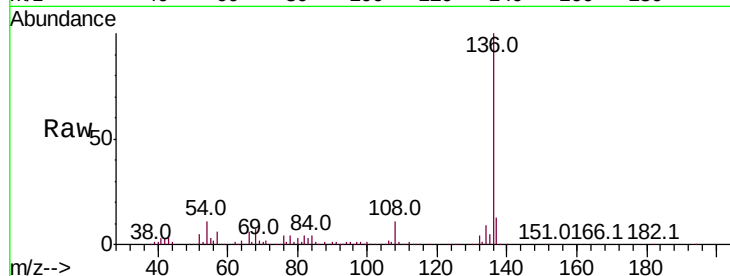




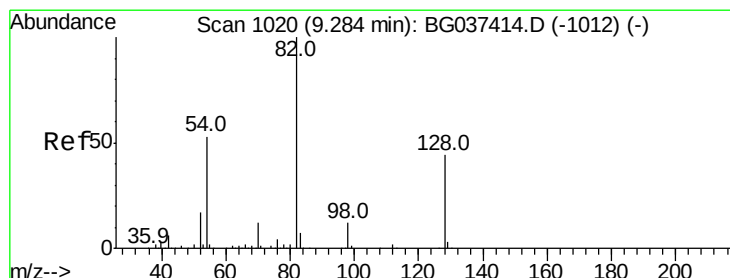
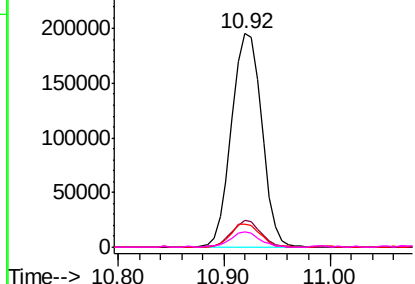
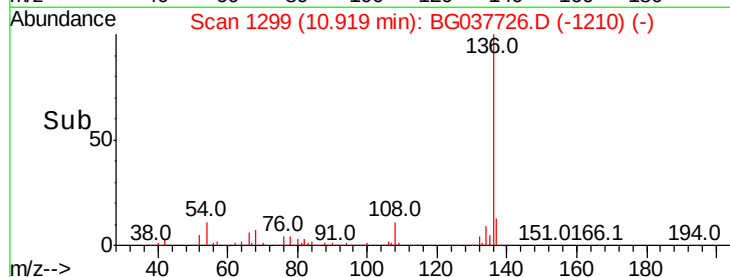
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037726.D
Acq: 1 Nov 2018 19:50

Instrument :
BNA_G
ClientSampleId :
WS1

Tot Ion:136	Resp:	387531	
Ion Ratio	Lower	Upper	
136 100			
137 12.7	9.6	14.4	
54 11.0	7.9	11.9	
68 7.0	4.8	7.2	

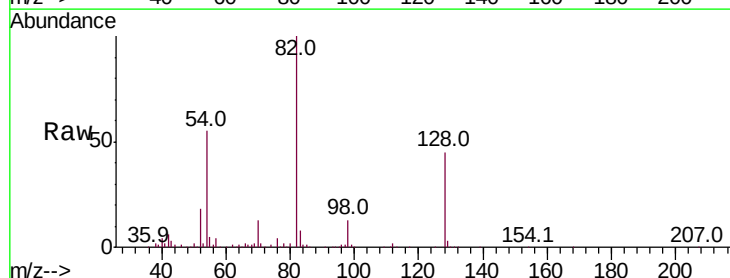


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

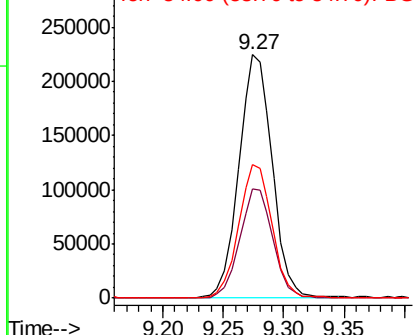
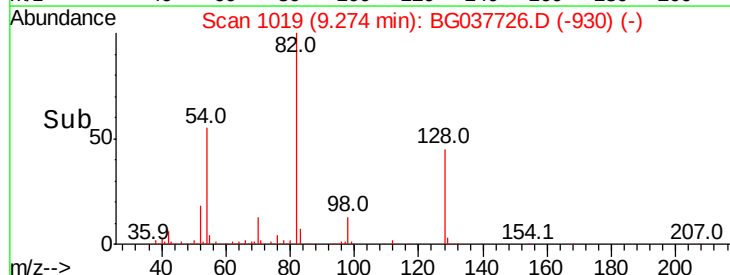


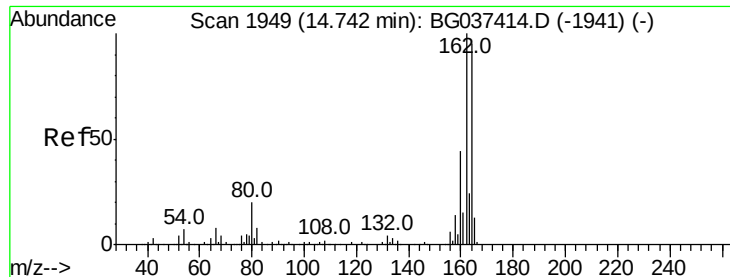
#23
Nitrobenzene-d5
Concen: 62.092 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037726.D
Acq: 1 Nov 2018 19:50

Tgt Ion: 82	Resp: 429544
Ion Ratio	Lower Upper
82 100	
128 44.6	34.6 51.8
54 54.8	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: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037726.D

Acq: 1 Nov 2018 19:50

Instrument :

BNA_G

ClientSampleId :

WS1

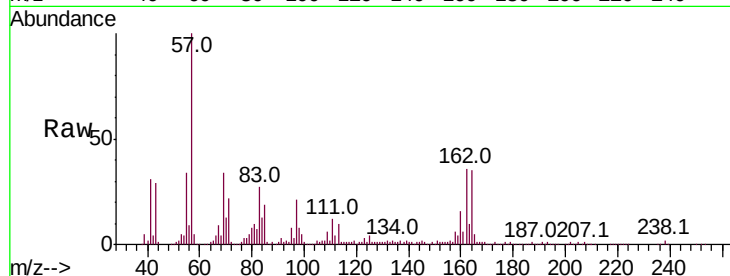
Tot Ion:164 Resp: 198389

Ion Ratio Lower Upper

164 100

162 104.1 81.3 121.9

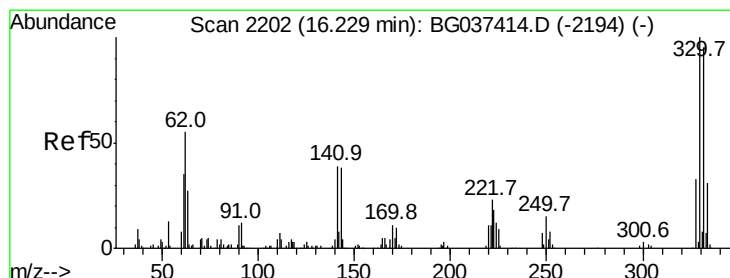
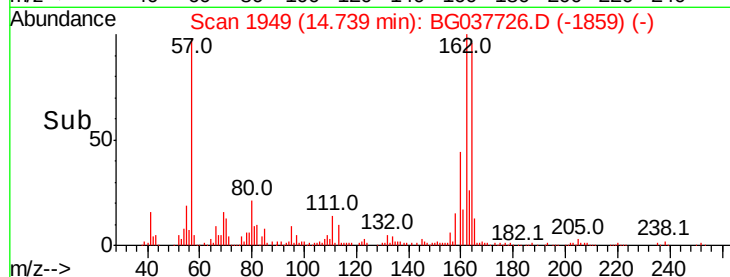
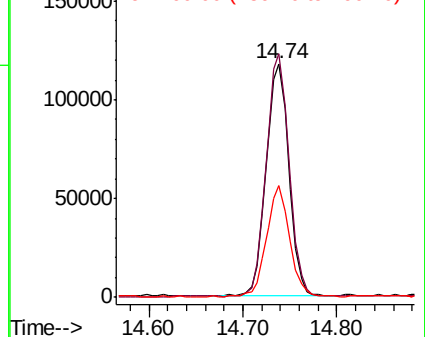
160 47.7 36.3 54.5



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: 75.484 ng

RT: 16.23 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG037726.D

Acq: 1 Nov 2018 19:50

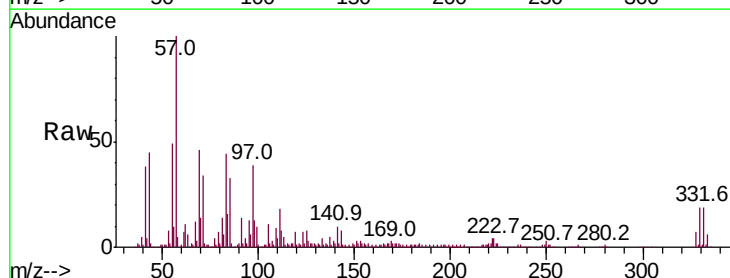
Tgt Ion:330 Resp: 163333

Ion Ratio Lower Upper

330 100

332 97.2 78.4 117.6

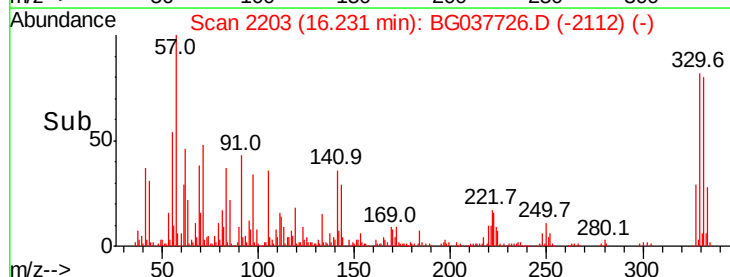
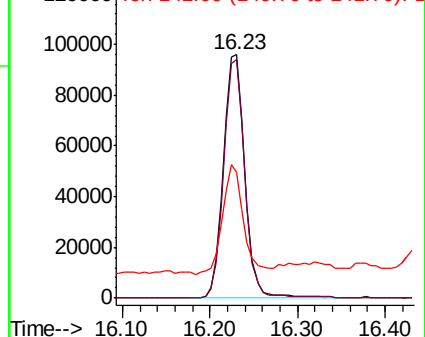
141 44.5 32.2 48.2

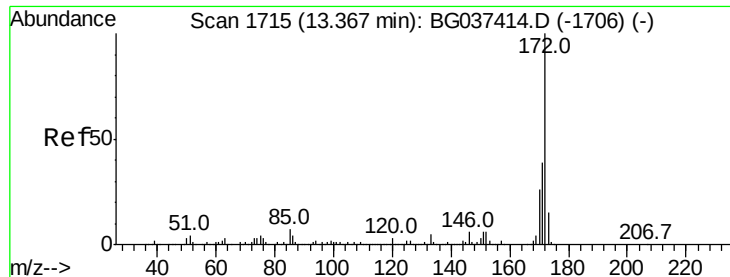


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

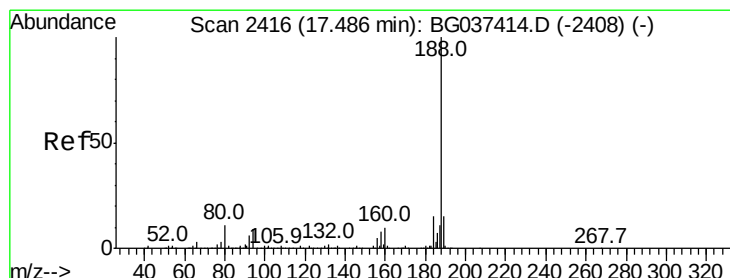
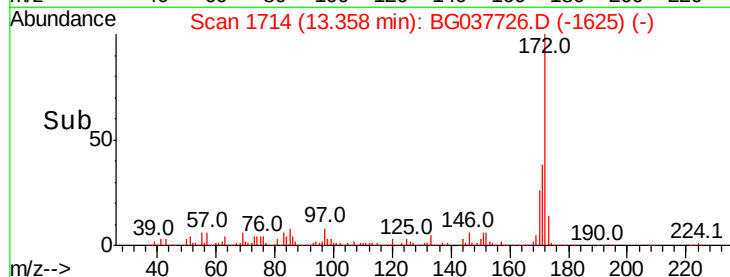
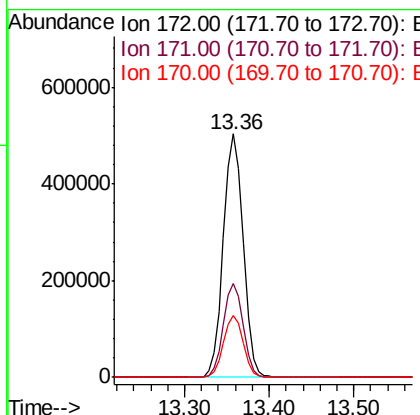
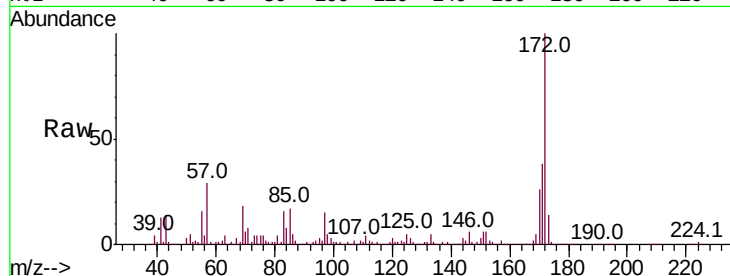




#45
2-Fluorobiphenyl
Concen: 62.321 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037726.D
Acq: 1 Nov 2018 19:50

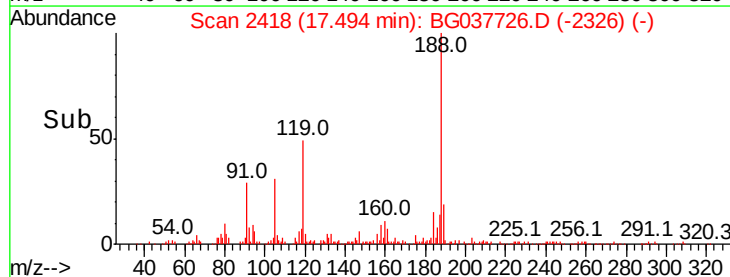
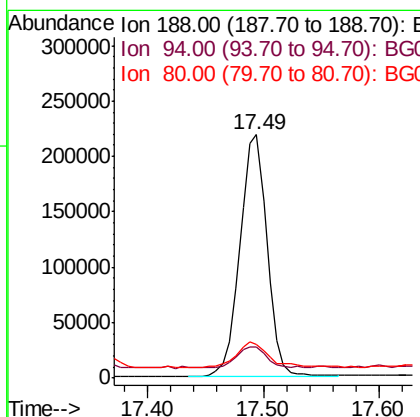
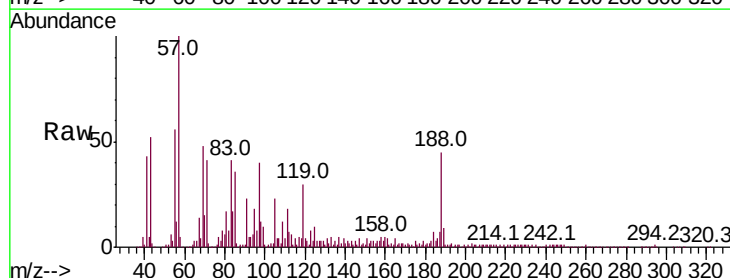
Instrument :
BNA_G
ClientSampleId :
WS1

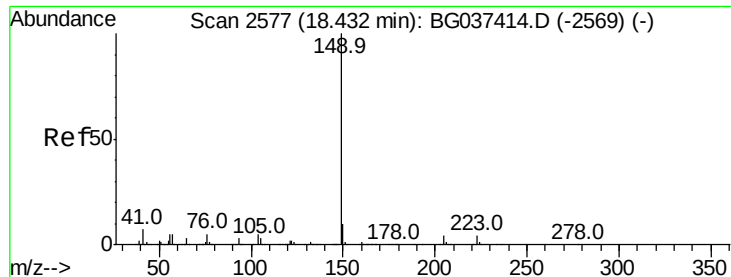
Tot Ion:172 Resp: 819910
Ion Ratio Lower Upper
172 100
171 38.4 31.0 46.4
170 25.7 20.2 30.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2418
Delta R.T. 0.01 min
Lab File: BG037726.D
Acq: 1 Nov 2018 19:50

Tgt Ion:188 Resp: 353122
Ion Ratio Lower Upper
188 100
94 12.8 7.2 10.8#
80 13.7 7.7 11.5#





#74

Di-n-butylphthalate

Concen: 7.463 ng

RT: 18.43 min Scan# 2578

Delta R.T. 0.00 min

Lab File: BG037726.D

Acq: 1 Nov 2018 19:50

Instrument :

BNA_G

ClientSampled :

WS1

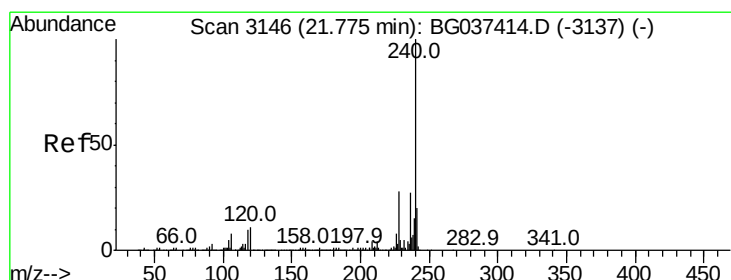
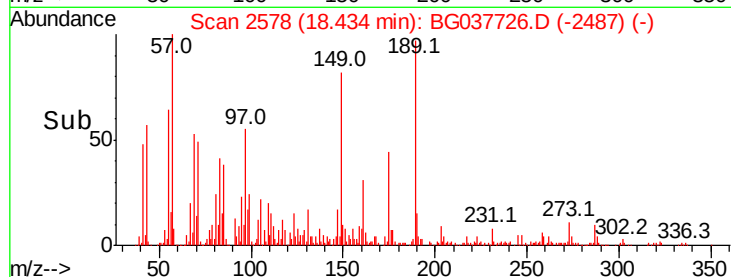
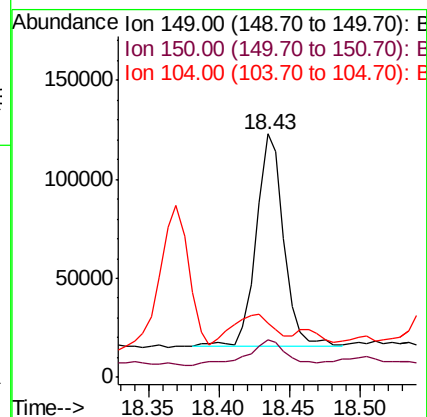
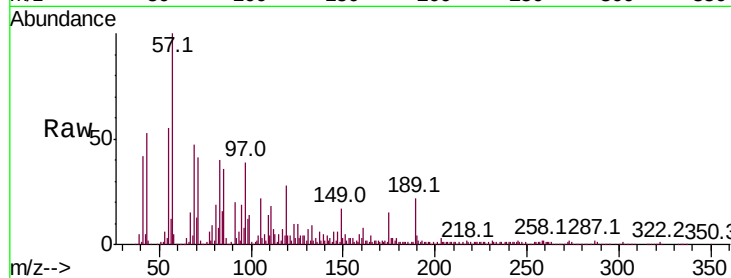
Tot Ion:149 Resp: 146254

Ion Ratio Lower Upper

149 100

150 15.5 8.2 12.2#

104 22.5 4.0 6.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.85 min Scan# 3159

Delta R.T. 0.07 min

Lab File: BG037726.D

Acq: 1 Nov 2018 19:50

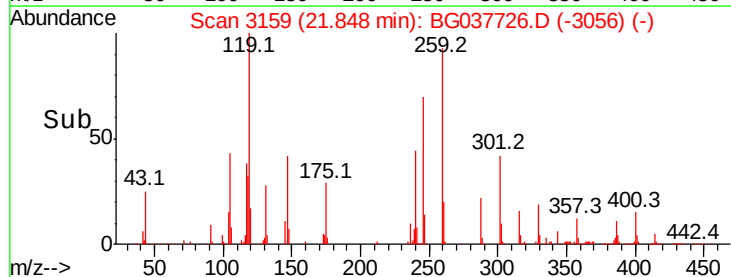
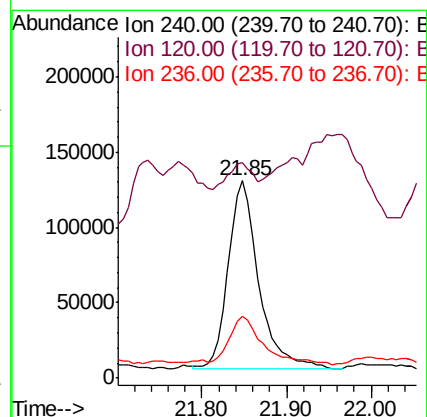
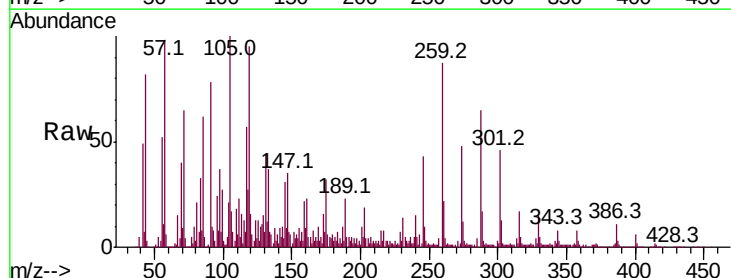
Tgt Ion:240 Resp: 308686

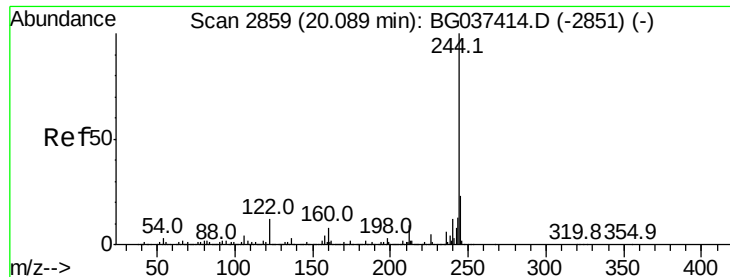
Ion Ratio Lower Upper

240 100

120 109.3 8.1 12.1#

236 31.6 21.4 32.0





#79

Terphenyl-d14

Concen: 73.555 ng

RT: 20.11 min Scan# 2864

Delta R.T. 0.03 min

Lab File: BG037726.D

Acq: 1 Nov 2018 19:50

Instrument :

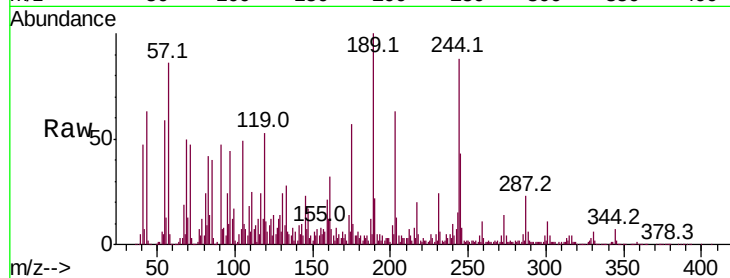
BNA_G

ClientSampleId :

WS1

Tot Ion:244 Resp: 1062607

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	10.2	9.0	13.4

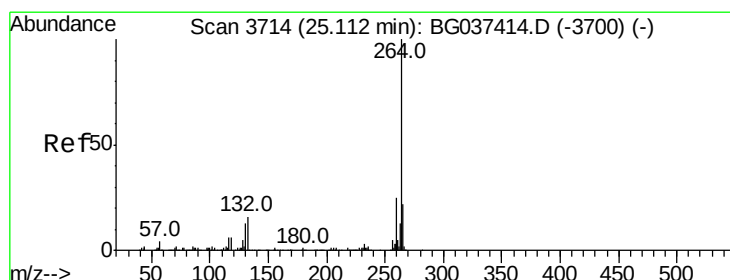
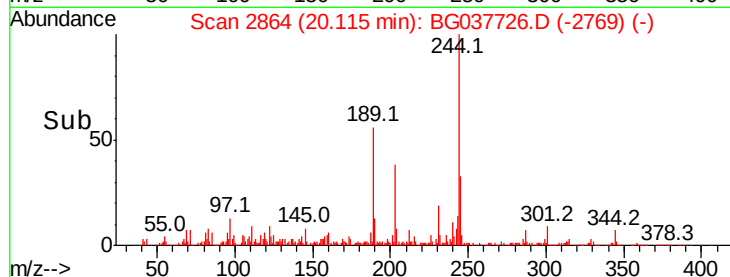
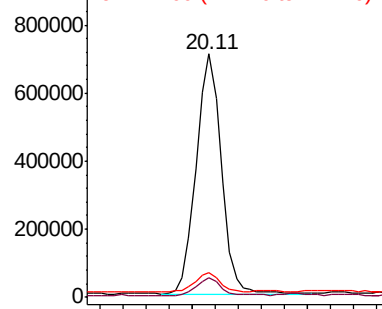


Abundance

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: 25.34 min Scan# 3754

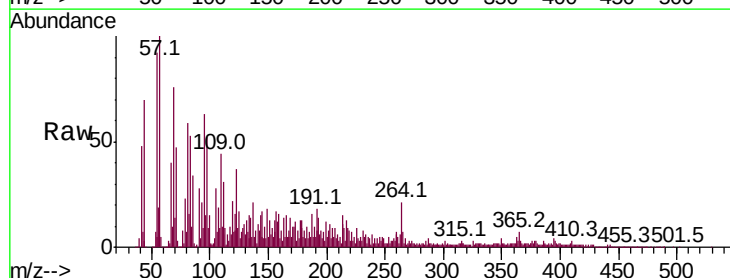
Delta R.T. 0.23 min

Lab File: BG037726.D

Acq: 1 Nov 2018 19:50

Tgt Ion:264 Resp: 388996

Ion	Ratio	Lower	Upper
264	100		
260	31.5	18.2	27.4#
265	32.2	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

