

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120318\
 Data File : BG038315.D
 Acq On : 4 Dec 2018 00:56
 Operator : JU/SJ
 Sample : J6179-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S6-0-0.5-BGS

Quant Time: Dec 04 06:12:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

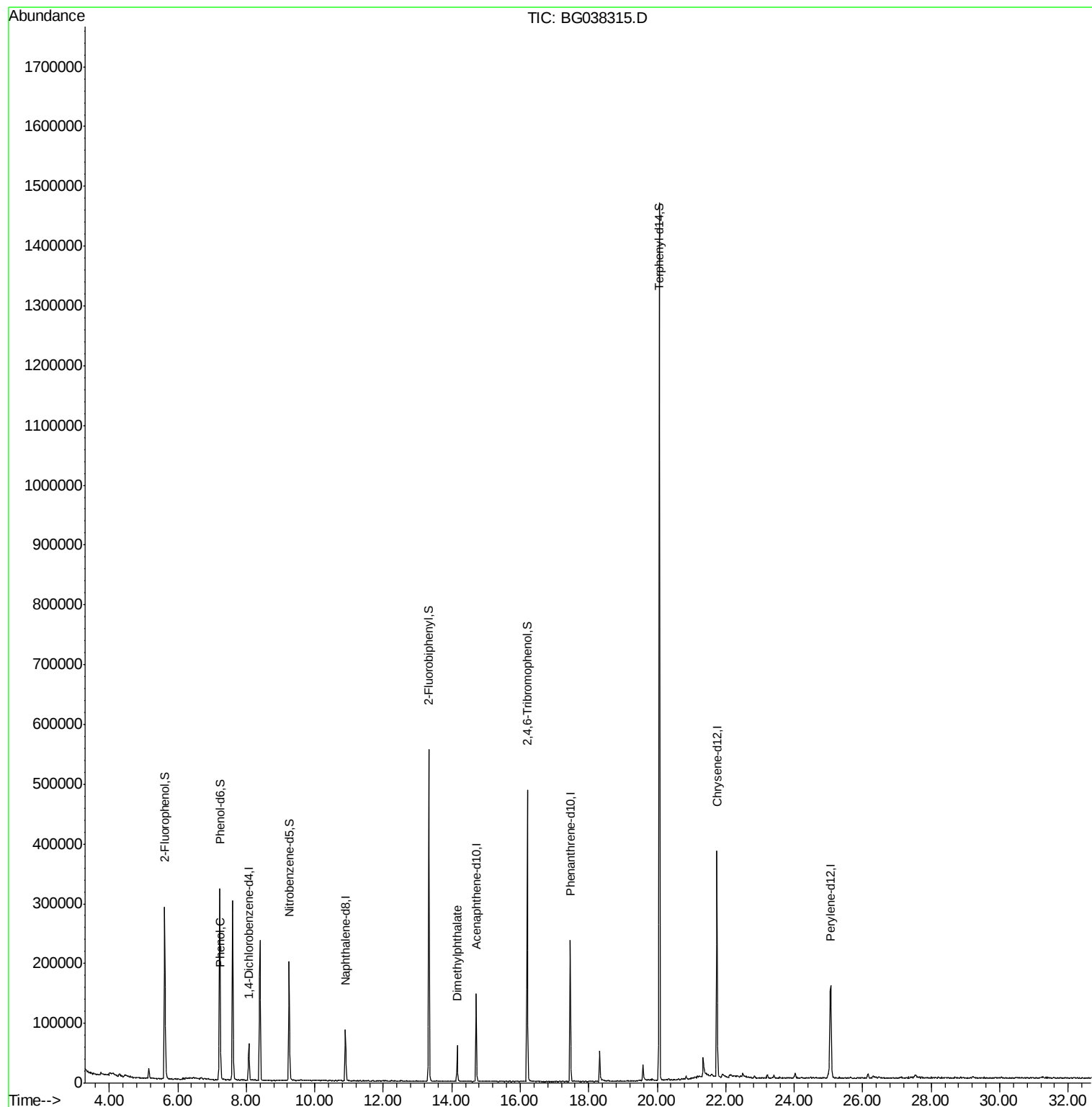
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	18372	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	79058	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	53509	20.00	ng	-0.01
64) Phenanthrene-d10	17.46	188	151697	20.00	ng	-0.01
76) Chrysene-d12	21.74	240	225357	20.00	ng	-0.01
87) Perylene-d12	25.06	264	180363	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	139692	131.28	ng	-0.01
7) Phenol-d6	7.22	99	194684	128.17	ng	0.00
23) Nitrobenzene-d5	9.25	82	129296	87.55	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	94092	154.18	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	308952	84.12	ng	-0.02
79) Terphenyl-d14	20.06	244	701855	73.28	ng	0.00
Target Compounds						
10) Phenol	7.25	94	13830	8.596	ng	83
50) Dimethylphthalate	14.16	163	46038	10.853	ng	97

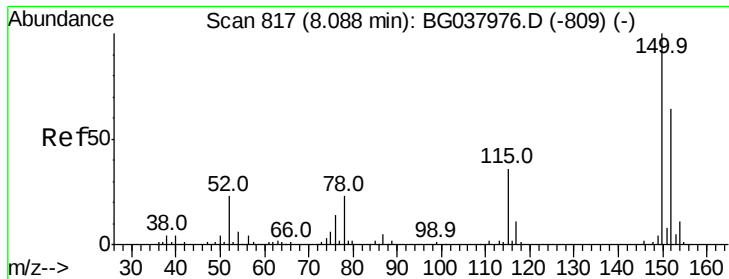
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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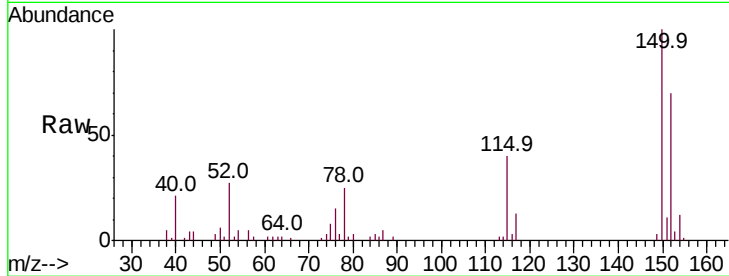


#1

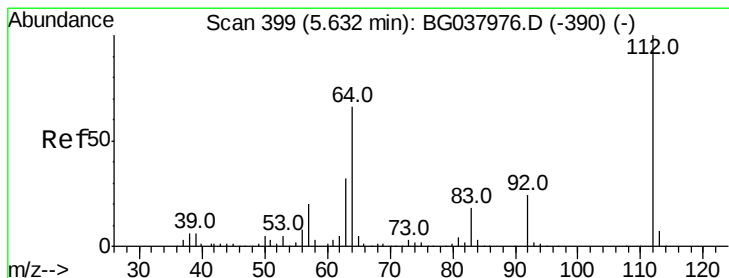
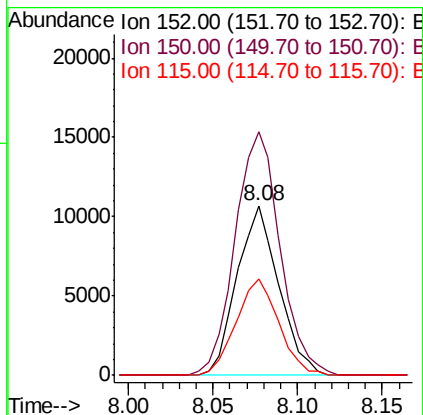
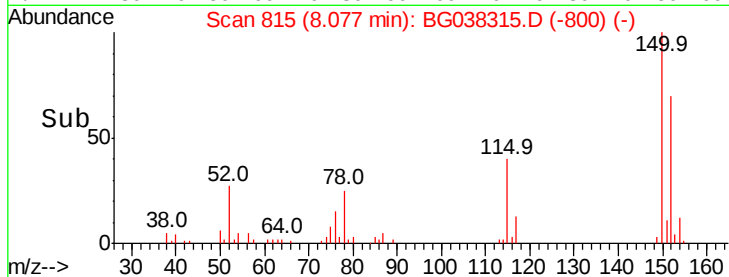
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG038315.D
Acq: 4 Dec 2018 00:56

Instrument :
BNA_G
ClientSampleId :
S6-0-0.5-BGS

Tot Ion:152 Resp: 18372
Ion Ratio Lower Upper
152 100
150 143.7 126.0 189.0
115 56.8 45.5 68.3



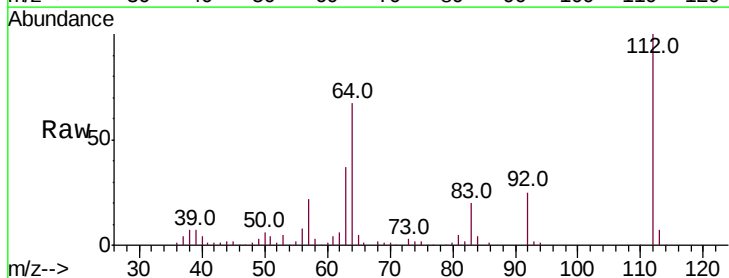
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



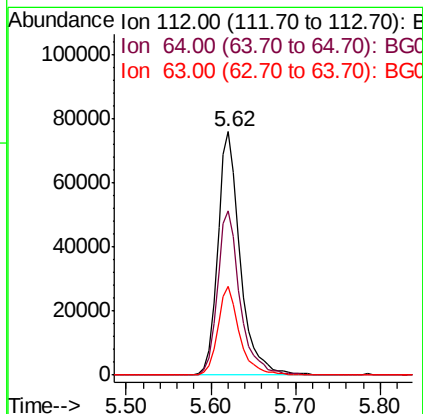
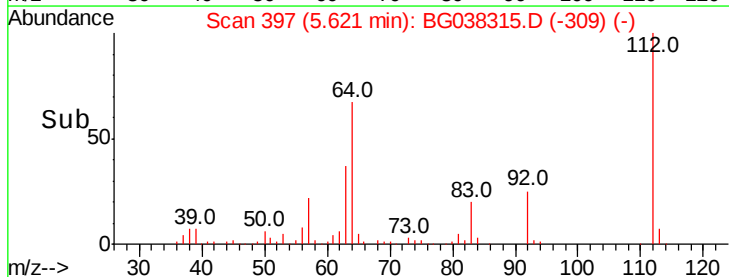
#5

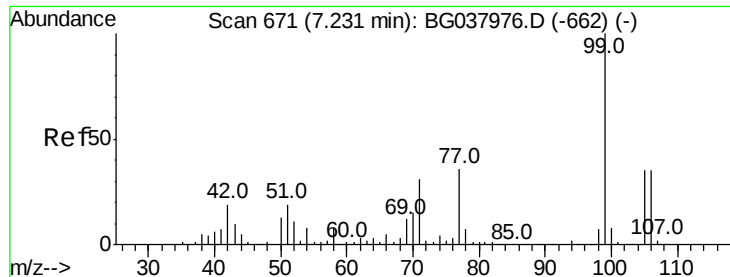
2-Fluorophenol
Concen: 131.280 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG038315.D
Acq: 4 Dec 2018 00:56

Tgt Ion:112 Resp: 139692
Ion Ratio Lower Upper
112 100
64 67.4 53.1 79.7
63 36.6 27.3 40.9



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





#7

Phenol-d6

Concen: 128.174 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038315.D

Acq: 4 Dec 2018 00:56

Instrument :

BNA_G

ClientSampleId :

S6-0-0.5-BGS

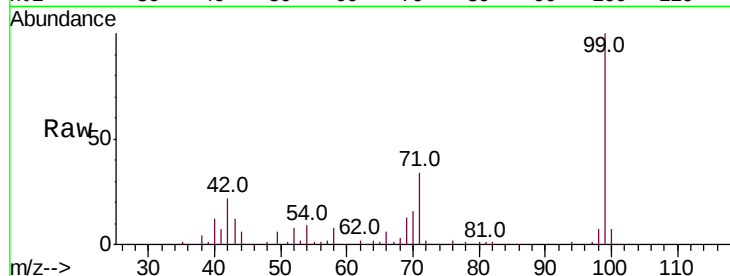
Tot Ion: 99 Resp: 194684

Ion Ratio Lower Upper

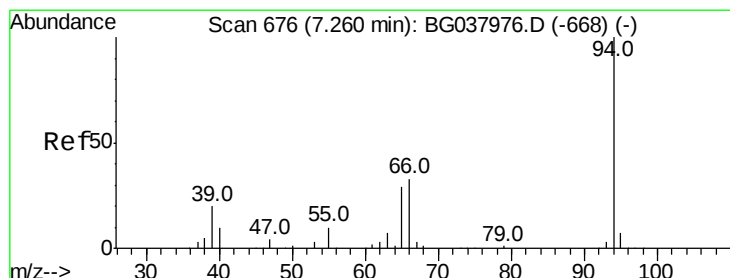
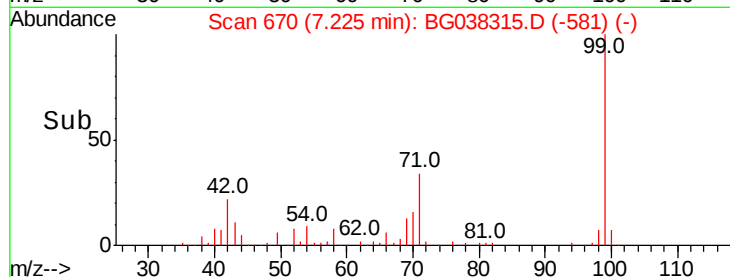
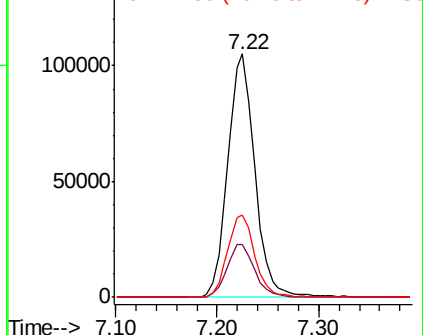
99 100

42 22.0 15.0 22.4

71 33.7 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: 8.596 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG038315.D

Acq: 4 Dec 2018 00:56

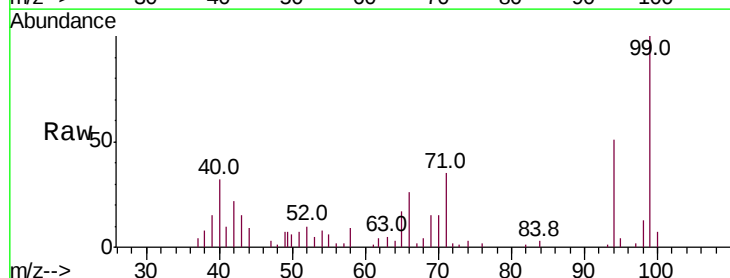
Tgt Ion: 94 Resp: 13830

Ion Ratio Lower Upper

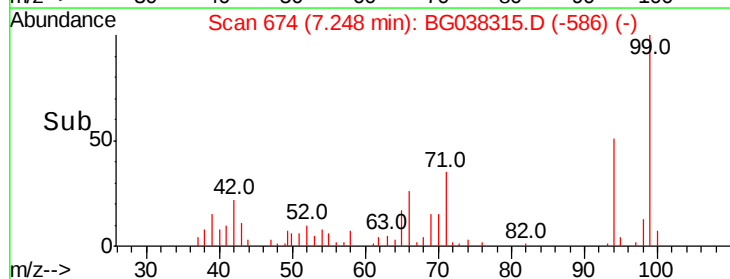
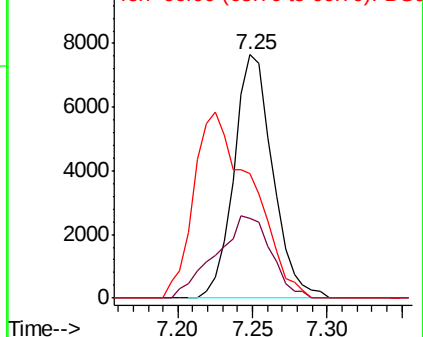
94 100

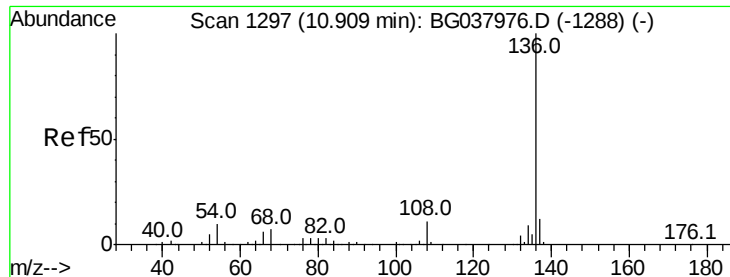
65 32.9 9.7 49.7

66 51.0 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

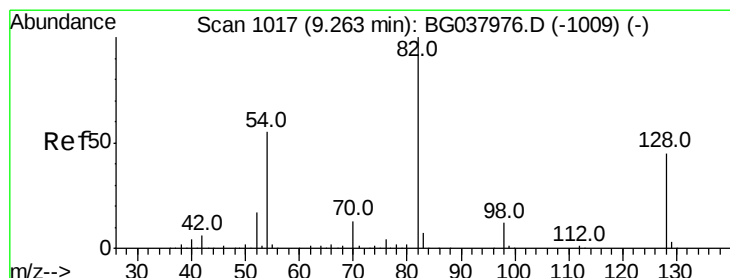
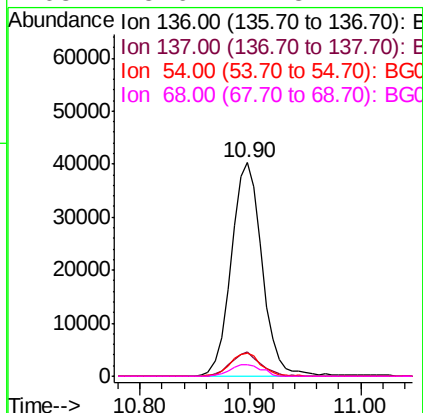
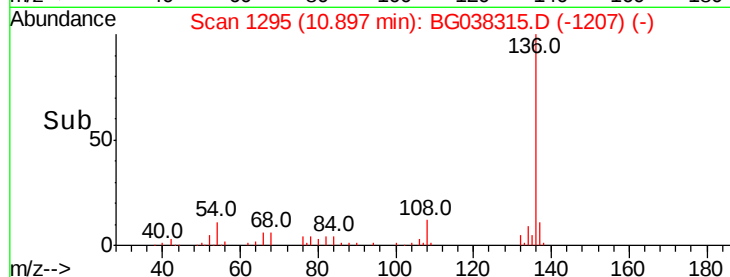
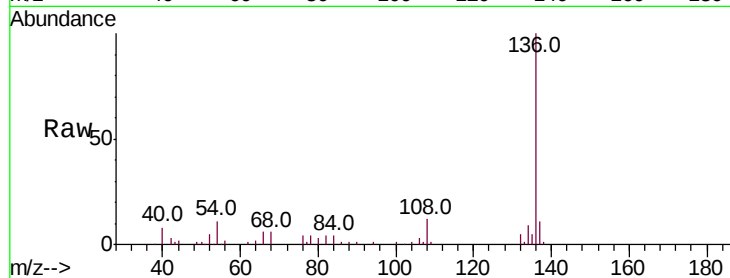




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038315.D
Acq: 4 Dec 2018 00:56

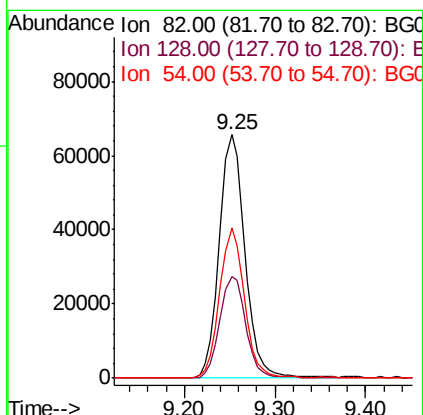
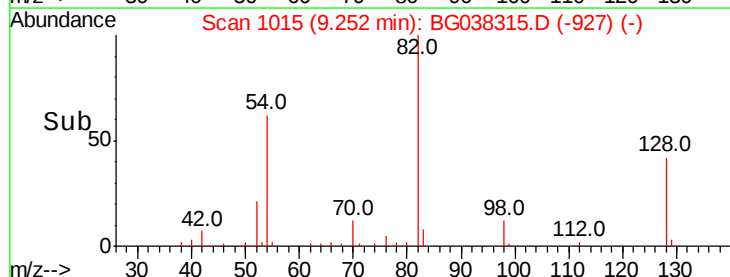
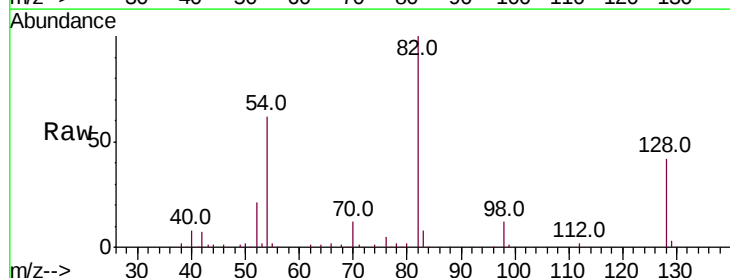
Instrument :
BNA_G
ClientSampleId :
S6-0-0.5-BGS

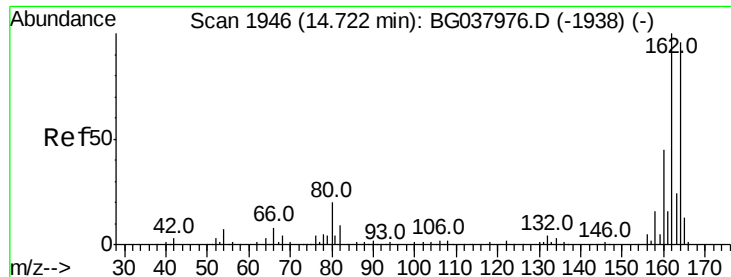
Tot Ion:	136	Resp:	79058
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	10.8	7.9	11.9
68	5.6	4.8	7.2



#23
Nitrobenzene-d5
Concen: 87.547 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG038315.D
Acq: 4 Dec 2018 00:56

Tgt Ion:	82	Resp:	129296
Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.6	51.8
54	61.6	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG038315.D

Acq: 4 Dec 2018 00:56

Instrument :

BNA_G

ClientSampleId :

S6-0-0.5-BGS

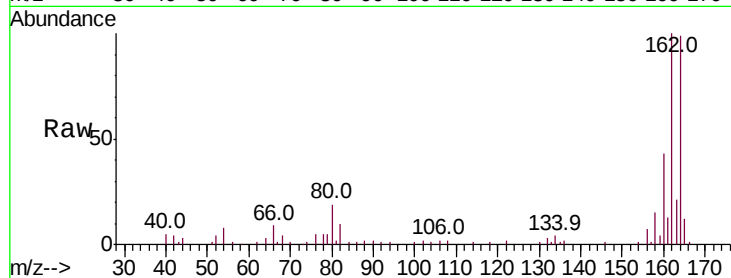
Tot Ion:164 Resp: 53509

Ion Ratio Lower Upper

164 100

162 101.5 81.3 121.9

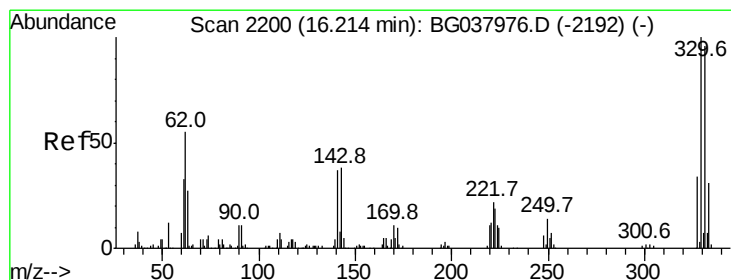
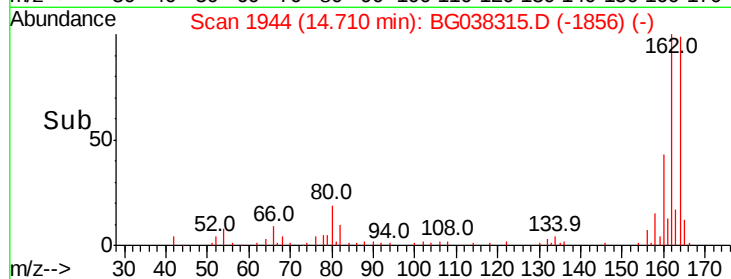
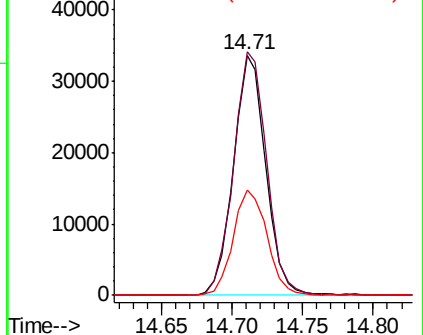
160 43.8 36.3 54.5



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: 154.184 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038315.D

Acq: 4 Dec 2018 00:56

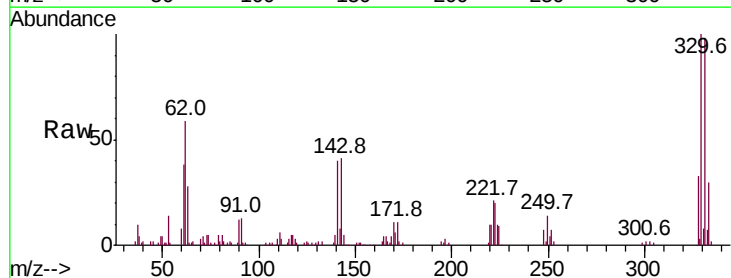
Tgt Ion:330 Resp: 94092

Ion Ratio Lower Upper

330 100

332 96.2 78.4 117.6

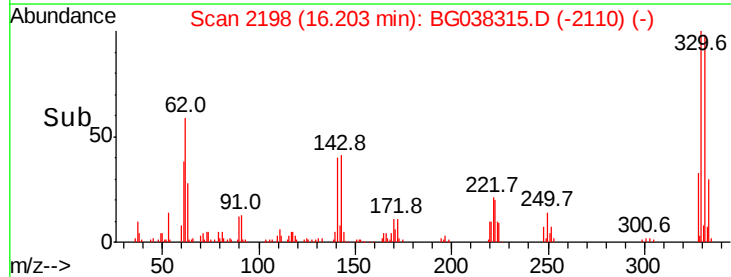
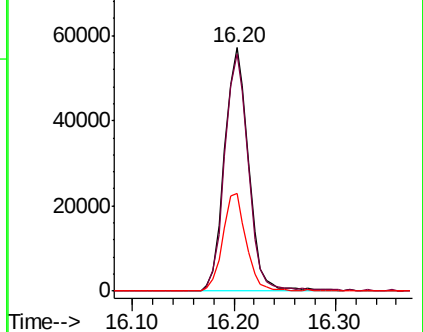
141 39.0 32.2 48.2



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

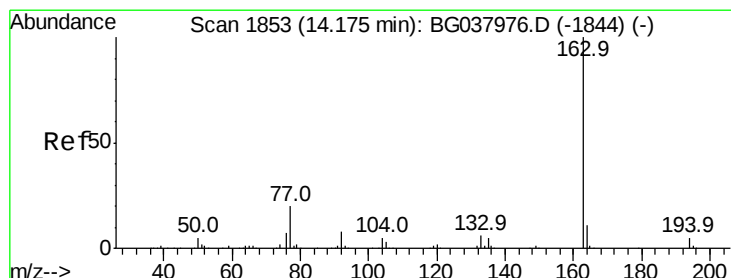
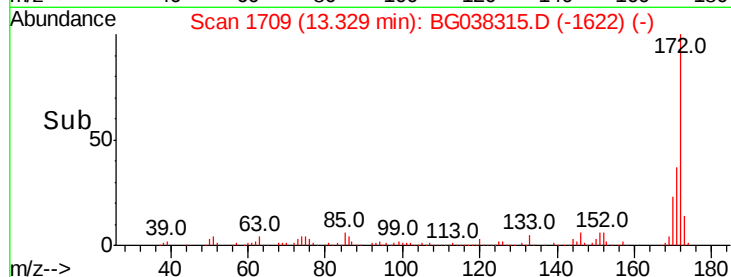
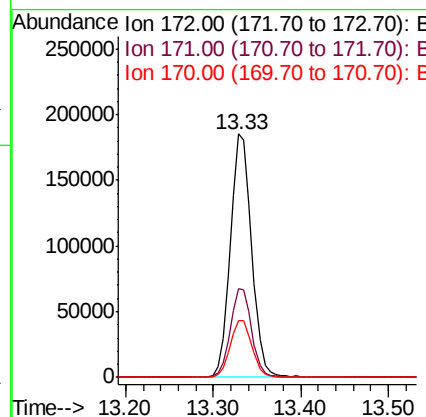
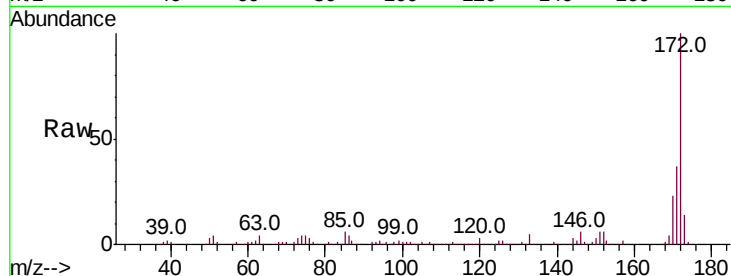




#45
 2-Fluorobiphenyl
 Concen: 84.116 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BG038315.D
 Acq: 4 Dec 2018 00:56

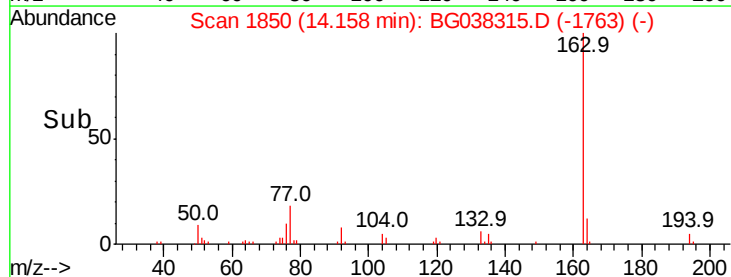
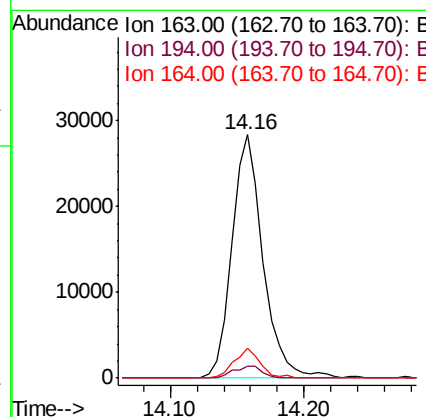
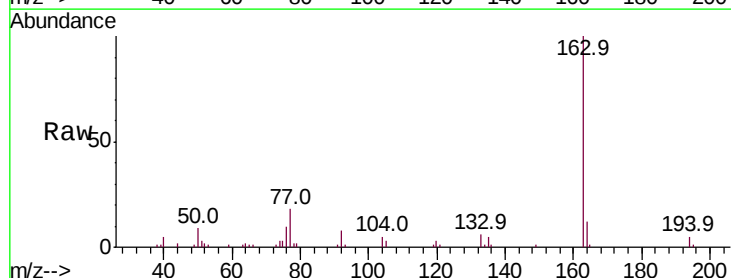
Instrument :
 BNA_G
 ClientSampleId :
 S6-0-0.5-BGS

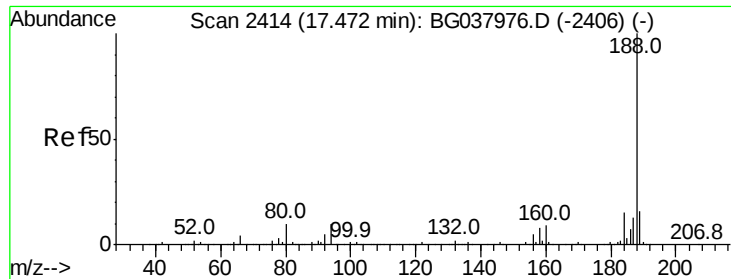
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	31.0	46.4
170	23.4	20.2	30.2



#50
 Dimethylphthalate
 Concen: 10.853 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. -0.02 min
 Lab File: BG038315.D
 Acq: 4 Dec 2018 00:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	12.0	8.5	12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BG038315.D

Acq: 4 Dec 2018 00:56

Instrument :

BNA_G

ClientSampleId :

S6-0-0.5-BGS

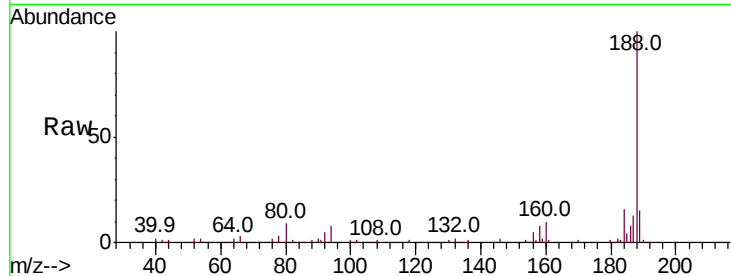
Tot Ion:188 Resp: 151697

Ion Ratio Lower Upper

188 100

94 7.9 7.2 10.8

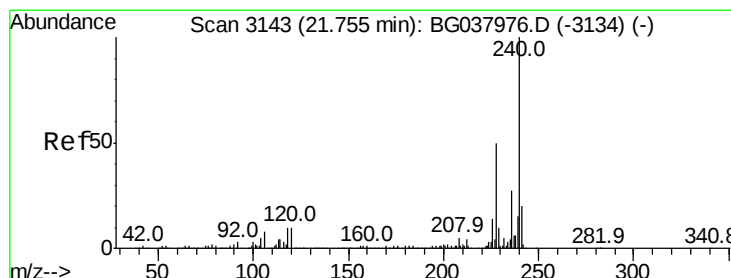
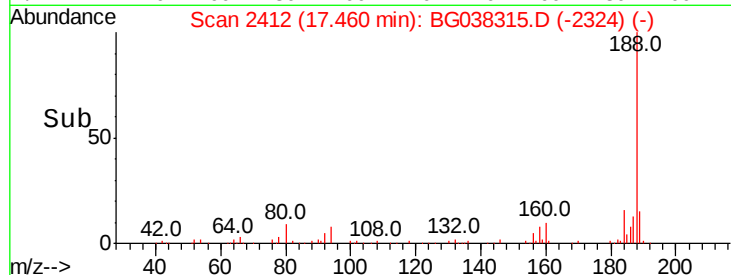
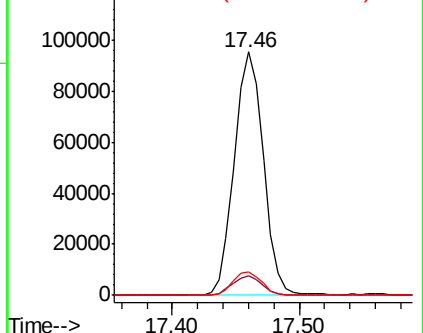
80 9.4 7.7 11.5



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: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG038315.D

Acq: 4 Dec 2018 00:56

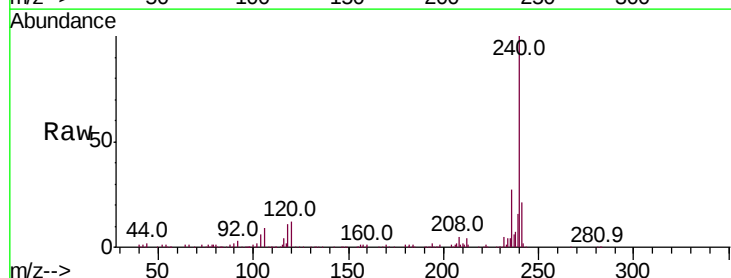
Tgt Ion:240 Resp: 225357

Ion Ratio Lower Upper

240 100

120 11.6 8.1 12.1

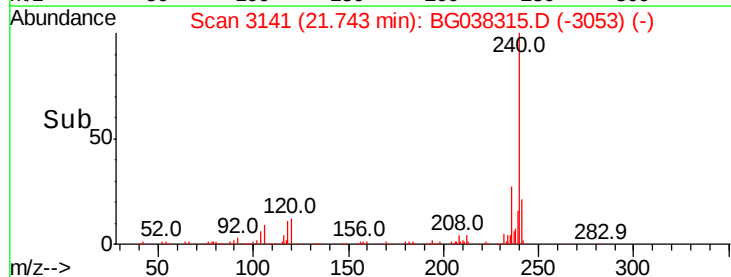
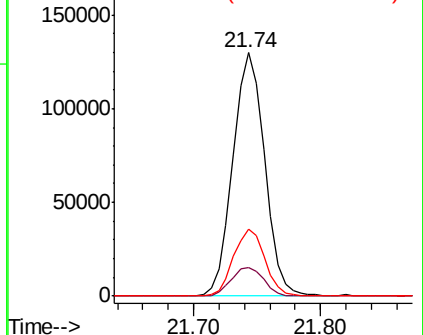
236 27.4 21.4 32.0

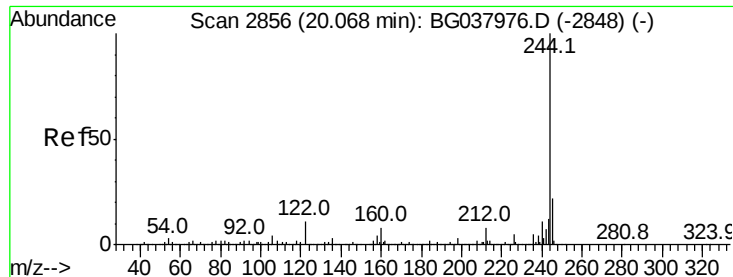


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.282 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG038315.D

Acq: 4 Dec 2018 00:56

Instrument :

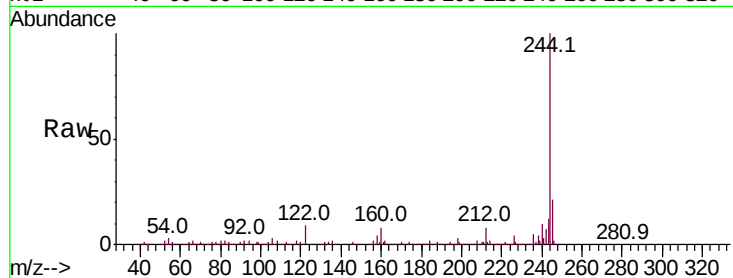
BNA_G

ClientSampleId :

S6-0-0.5-BGS

Tot Ion:244 Resp: 701855

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

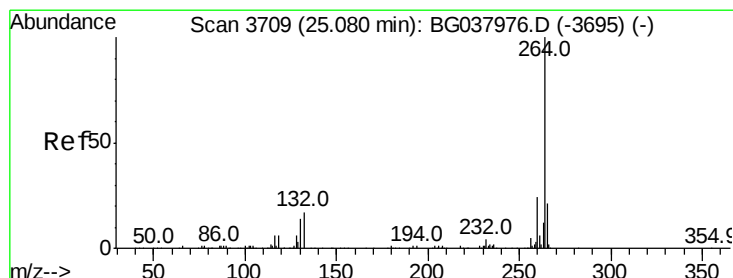
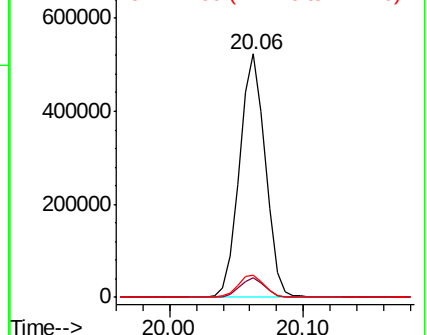
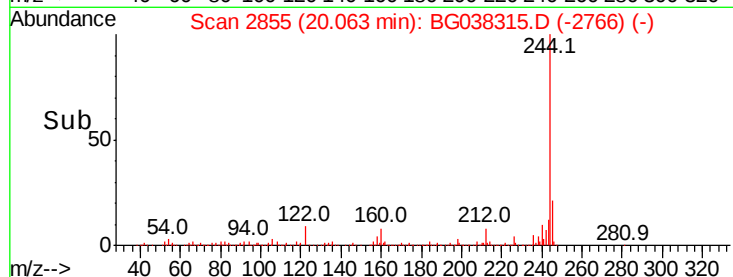


Abundance

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: 25.06 min Scan# 3706

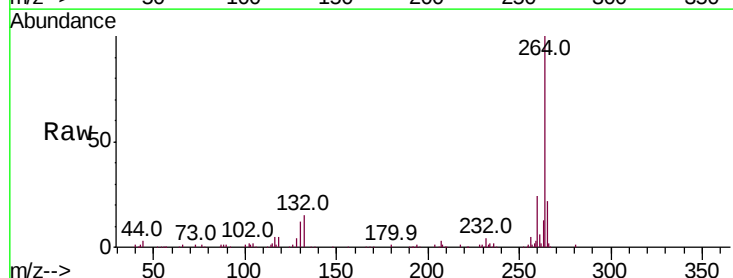
Delta R.T. -0.02 min

Lab File: BG038315.D

Acq: 4 Dec 2018 00:56

Tgt Ion:264 Resp: 180363

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.4
265	21.7	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

