

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101118\
 Data File : BG037277.D
 Acq On : 12 Oct 2018 5:10
 Operator : JU/SJ
 Sample : J5302-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-1

Quant Time: Oct 12 07:35:07 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

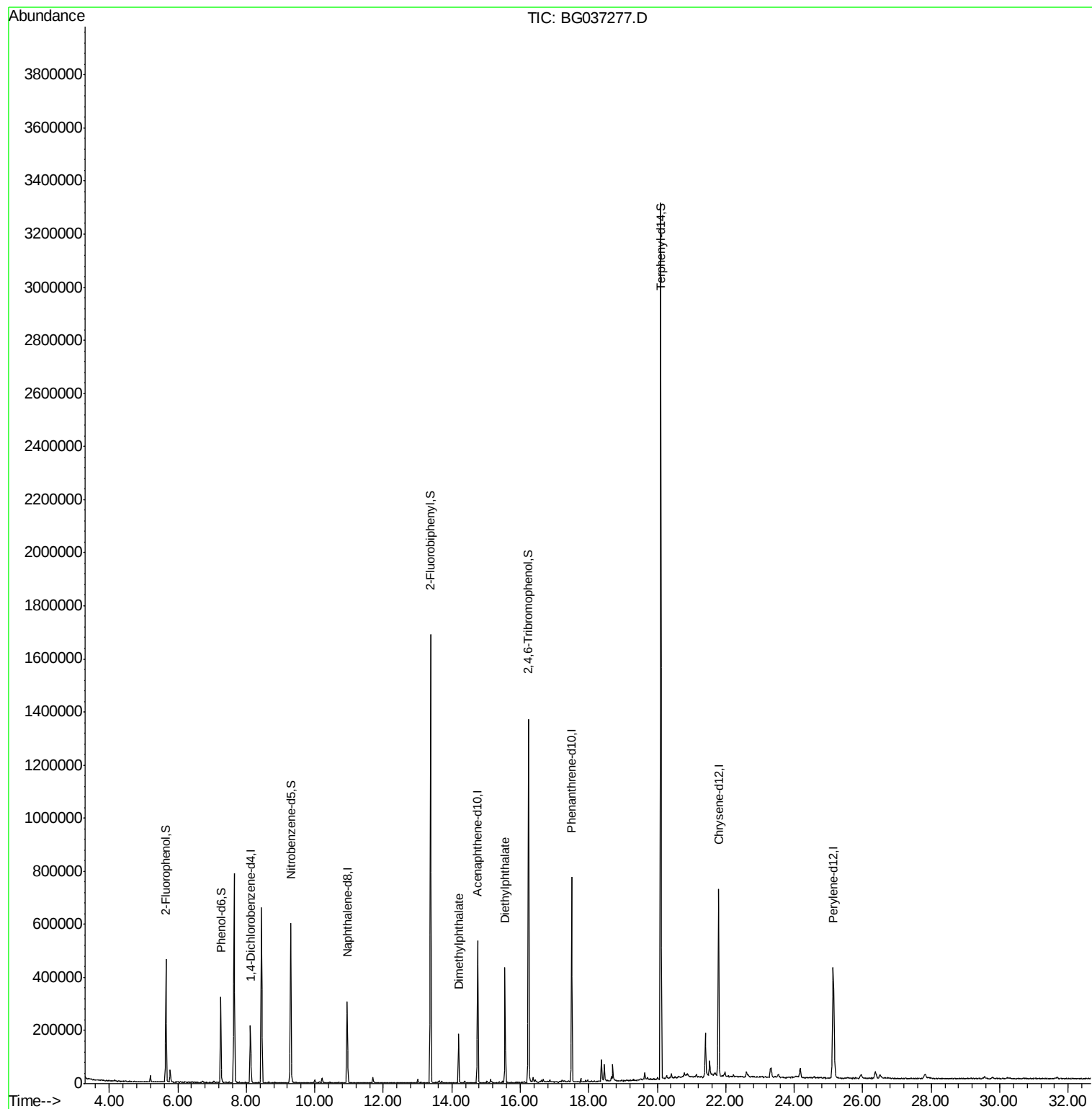
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	62787	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	272653	20.00	ng	0.00
39) Acenaphthene-d10	14.76	164	186592	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	467177	20.00	ng	0.00
76) Chrysene-d12	21.79	240	442105	20.00	ng	0.00
87) Perylene-d12	25.14	264	455646	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	211881	59.39	ng	0.00
7) Phenol-d6	7.25	99	198625	36.68	ng	0.00
23) Nitrobenzene-d5	9.30	82	368019	88.74	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	248977	136.06	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	920716	74.10	ng	0.00
79) Terphenyl-d14	20.10	244	1550495	73.64	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.20	163	133592	9.110	ng	98
60) Diethylphthalate	15.56	149	262493	17.273	ng	99

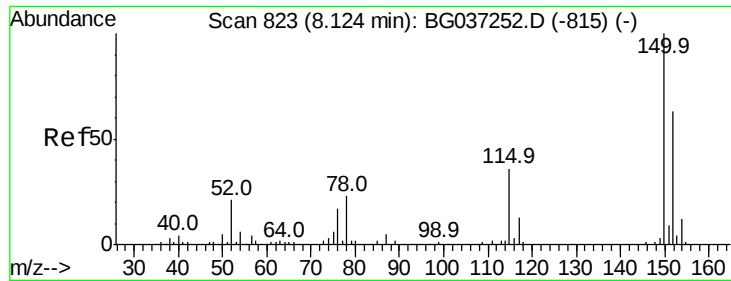
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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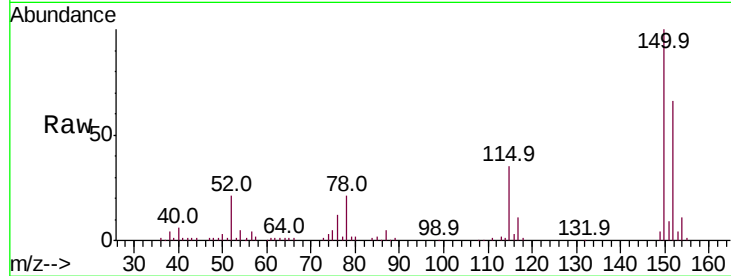


#1

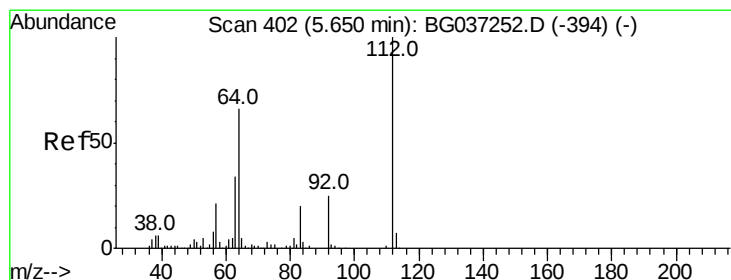
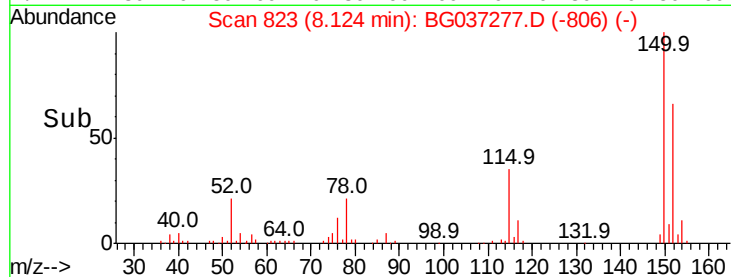
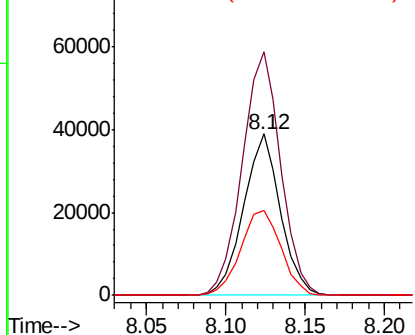
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG037277.D
Acq: 12 Oct 2018 5:10

Instrument :
BNA_G
ClientSampleId :
TW-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	126.0	189.0
115	52.4	45.5	68.3



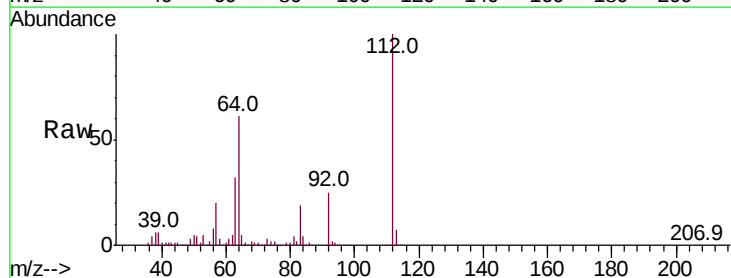
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



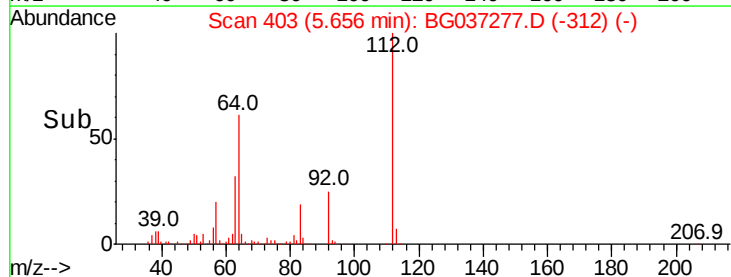
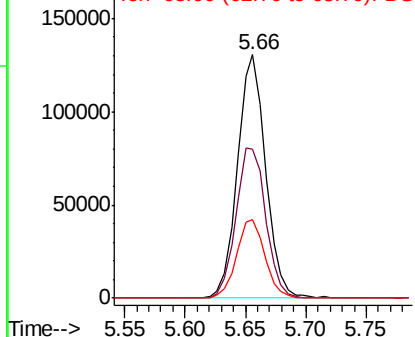
#5

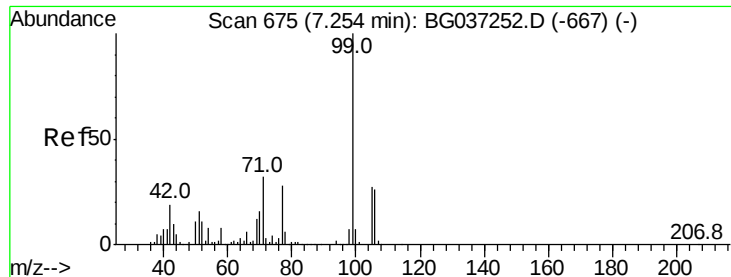
2-Fluorophenol
Concen: 59.390 ng
RT: 5.66 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG037277.D
Acq: 12 Oct 2018 5:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	53.1	79.7
63	32.2	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: 36.680 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG037277.D

Acq: 12 Oct 2018 5:10

Instrument :

BNA_G

ClientSampleId :

TW-1

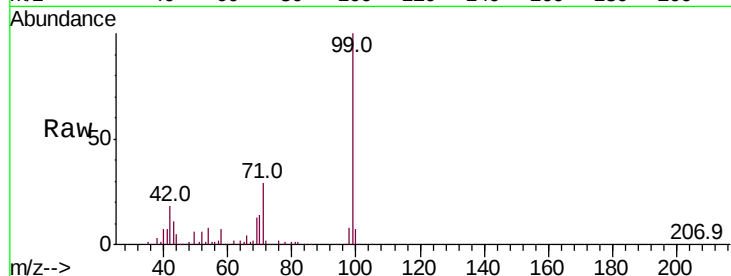
Tot Ion: 99 Resp: 198625

Ion Ratio Lower Upper

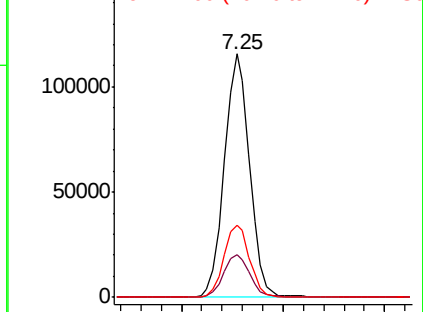
99 100

42 17.6 15.0 22.4

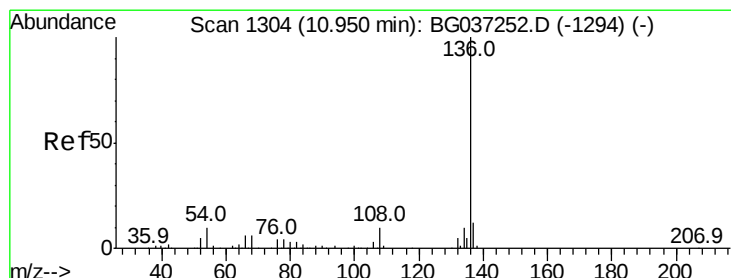
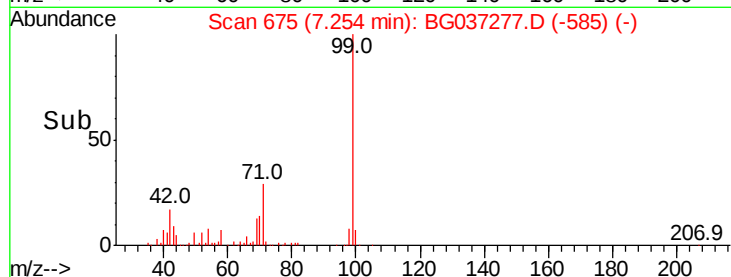
71 29.4 25.5 38.3



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BG037277.D

Acq: 12 Oct 2018 5:10

Tgt Ion: 136 Resp: 272653

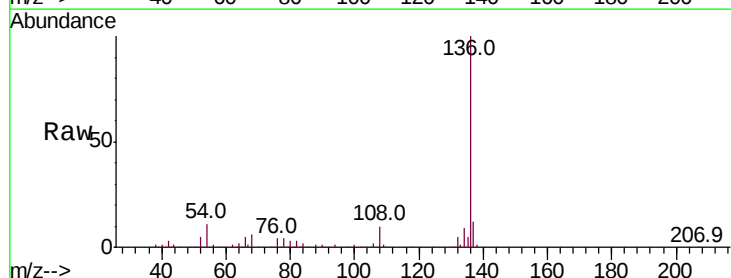
Ion Ratio Lower Upper

136 100

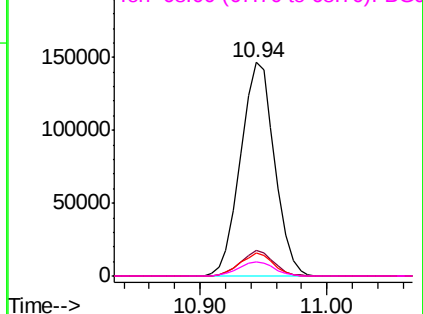
137 11.7 9.6 14.4

54 11.0 7.9 11.9

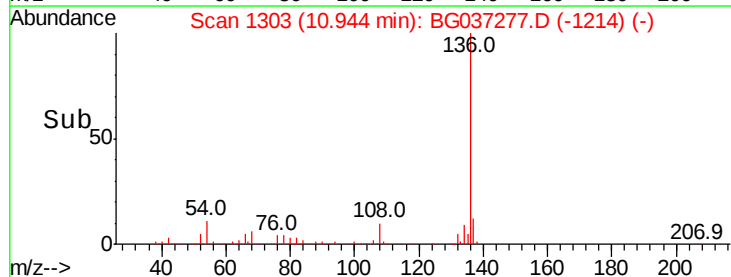
68 6.4 4.8 7.2

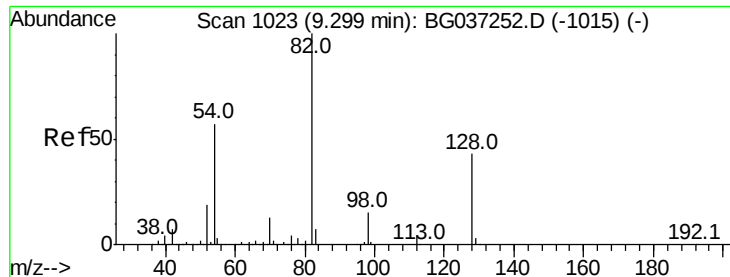


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

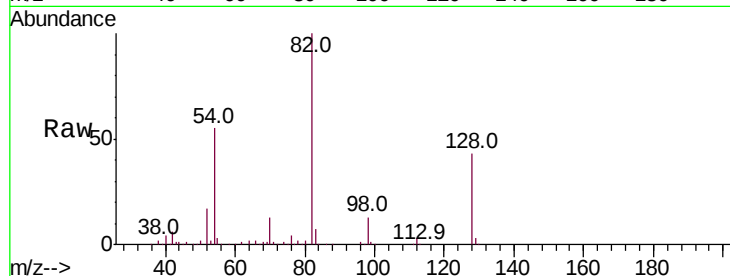




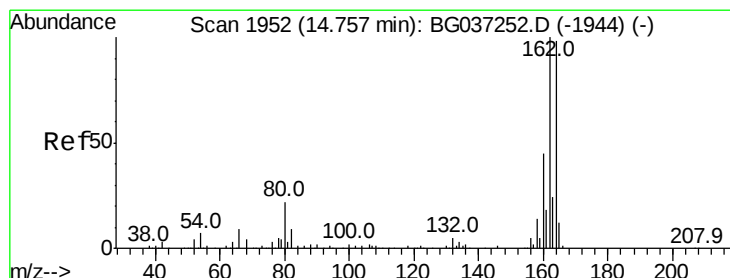
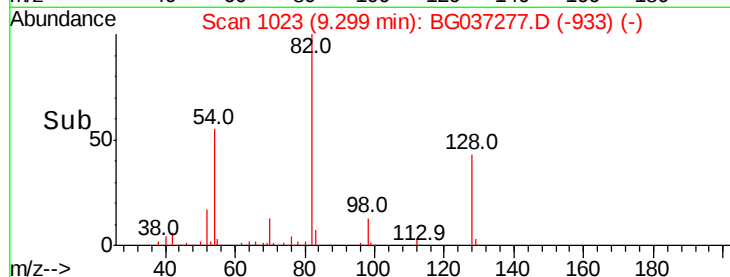
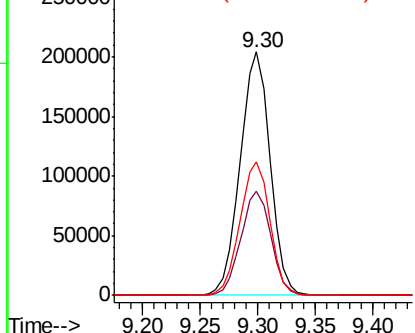
#23
Nitrobenzene-d5
Concen: 88.740 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG037277.D
Acq: 12 Oct 2018 5:10

Instrument :
BNA_G
ClientSampleId :
TW-1

Tot Ion: 82 Resp: 368019
Ion Ratio Lower Upper
82 100
128 42.7 34.6 51.8
54 55.0 45.3 67.9

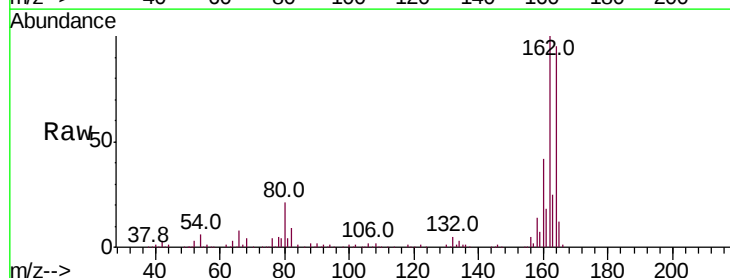


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

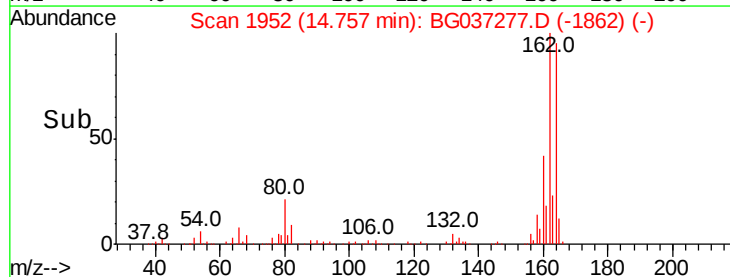
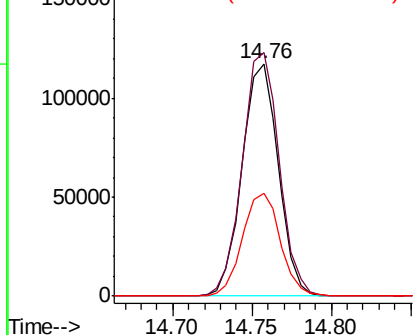


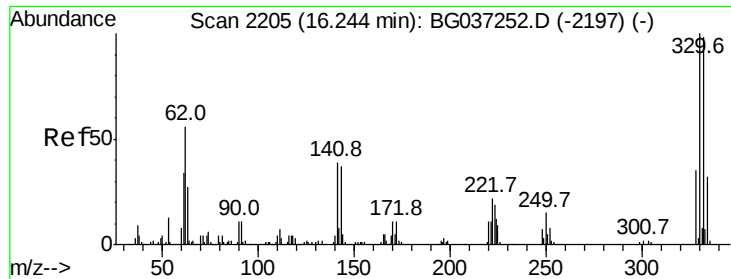
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG037277.D
Acq: 12 Oct 2018 5:10

Tgt Ion: 164 Resp: 186592
Ion Ratio Lower Upper
164 100
162 104.9 81.3 121.9
160 44.6 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

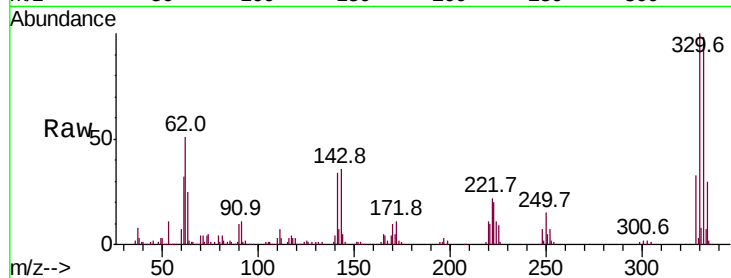




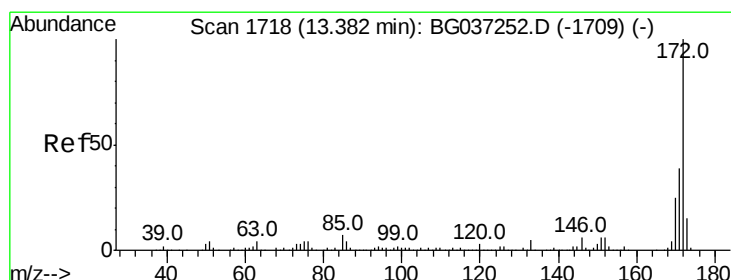
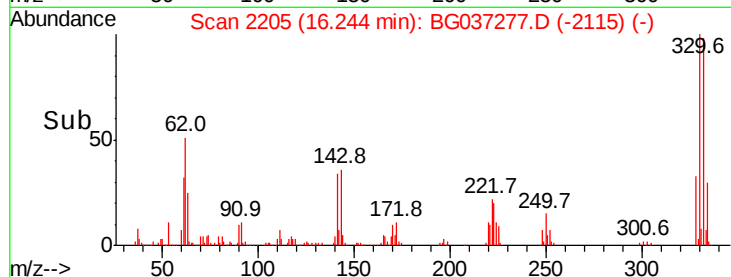
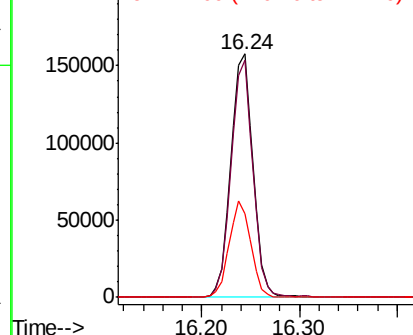
#42
 2,4,6-Tribromophenol
 Concen: 136.057 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BG037277.D
 Acq: 12 Oct 2018 5:10

Instrument :
 BNA_G
 ClientSampleId :
 TW-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.4	117.6
141	38.5	32.2	48.2

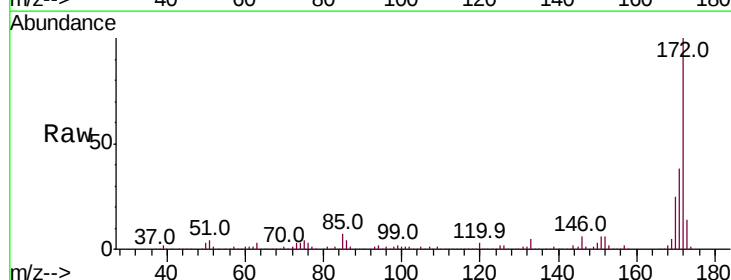


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

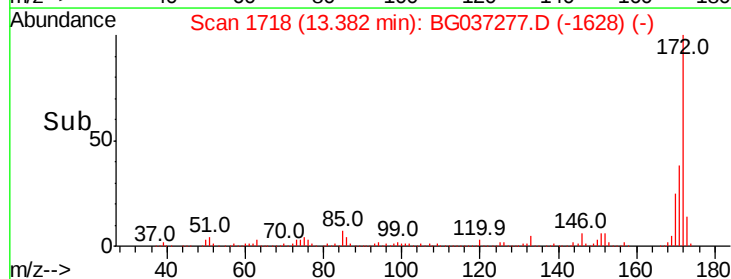
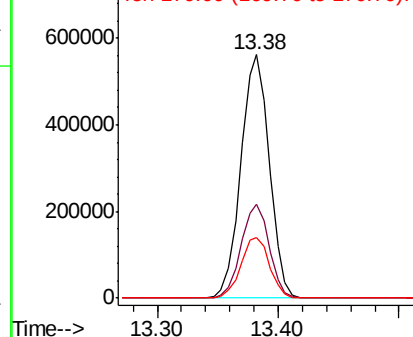


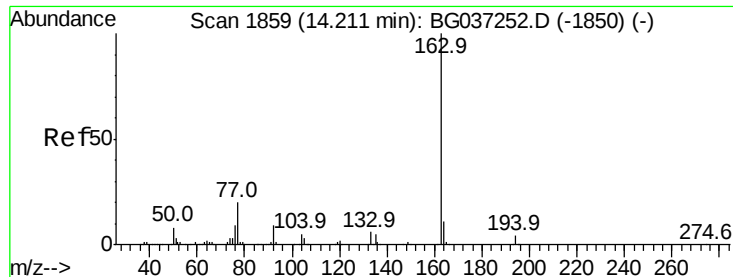
#45
 2-Fluorobiphenyl
 Concen: 74.103 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG037277.D
 Acq: 12 Oct 2018 5:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.0	46.4
170	24.8	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: 9.110 ng

RT: 14.20 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG037277.D

Acq: 12 Oct 2018 5:10

Instrument :

BNA_G

ClientSampleId :

TW-1

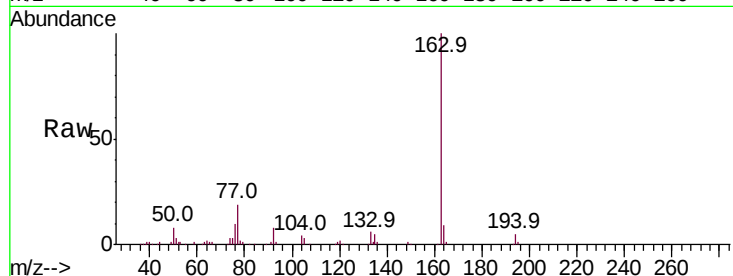
Tot Ion:163 Resp: 133592

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

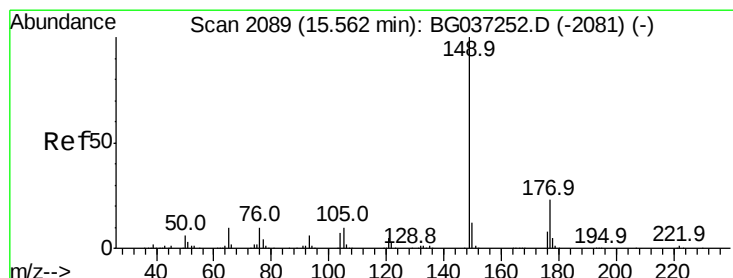
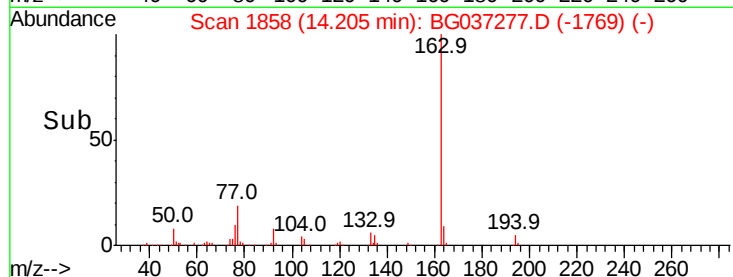
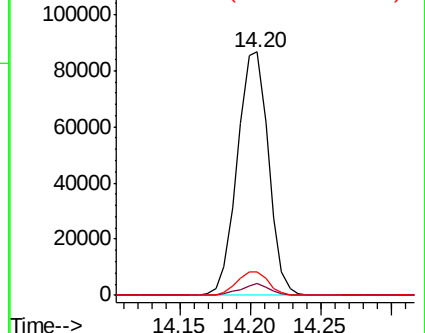
164 9.5 8.5 12.7



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



#60

Diethylphthalate

Concen: 17.273 ng

RT: 15.56 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BG037277.D

Acq: 12 Oct 2018 5:10

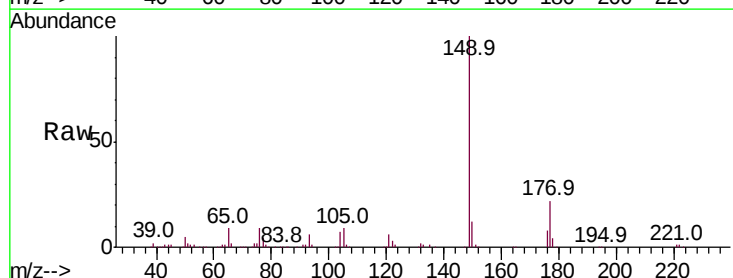
Tgt Ion:149 Resp: 262493

Ion Ratio Lower Upper

149 100

177 22.5 18.3 27.5

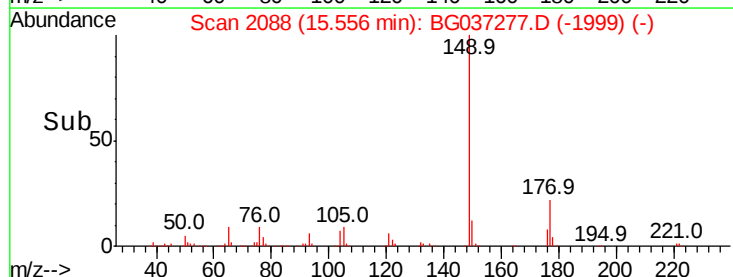
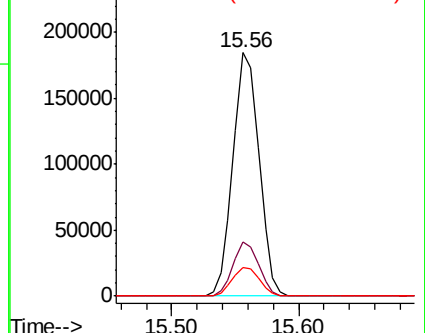
150 12.0 10.0 15.0

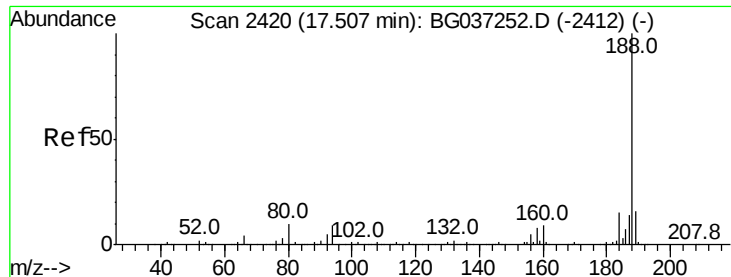


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

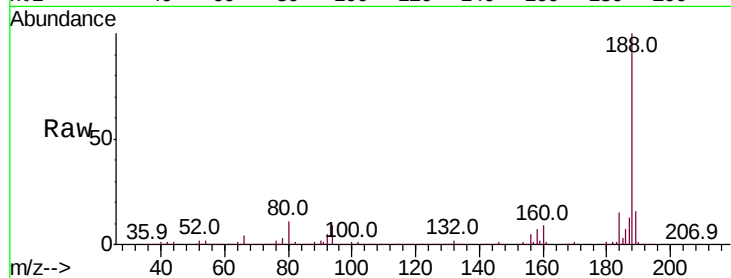




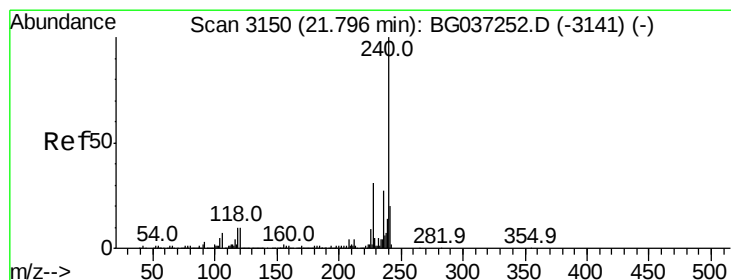
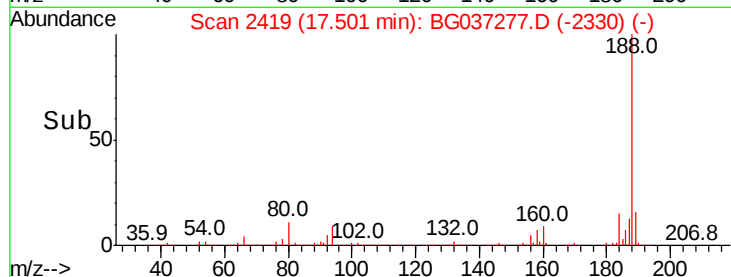
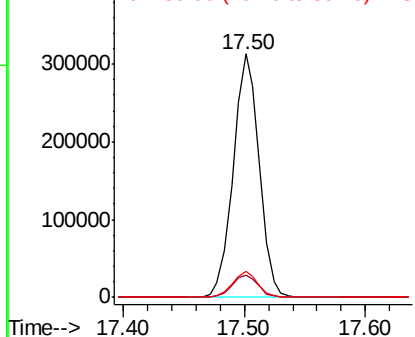
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG037277.D
Acq: 12 Oct 2018 5:10

Instrument :
BNA_G
ClientSampleId :
TW-1

Tot Ion:188 Resp: 467177
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 10.6 7.7 11.5

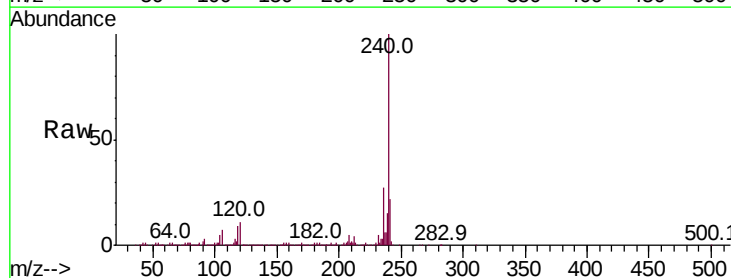


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

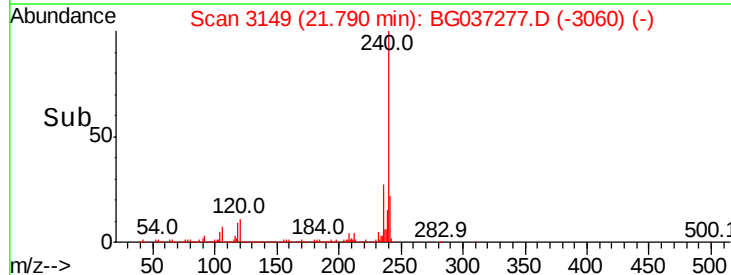
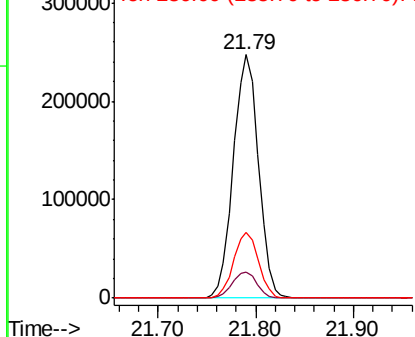


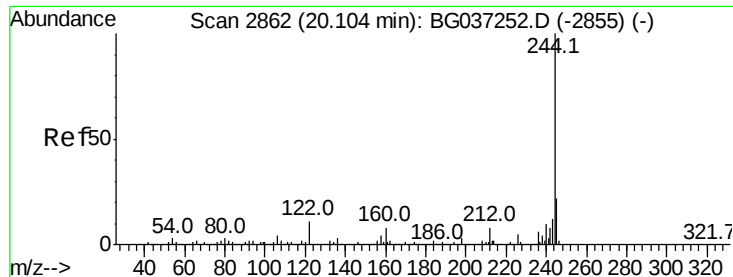
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG037277.D
Acq: 12 Oct 2018 5:10

Tgt Ion:240 Resp: 442105
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 27.0 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: 73.640 ng

RT: 20.10 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BG037277.D

Acq: 12 Oct 2018 5:10

Instrument :

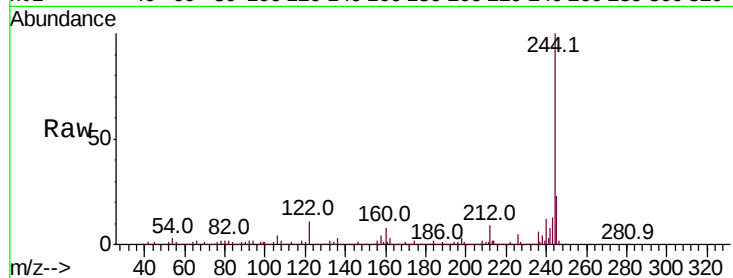
BNA_G

ClientSampleId :

TW-1

Tot Ion:244 Resp: 1550495

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.5	9.7
122	11.2	9.0	13.4

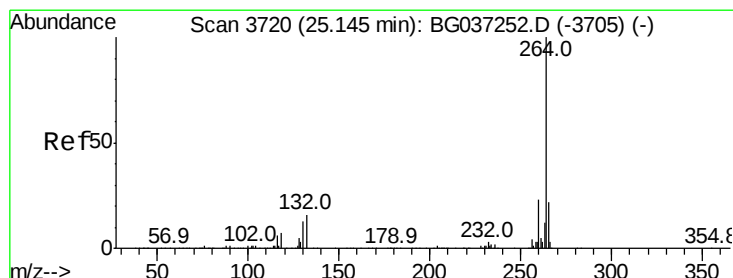
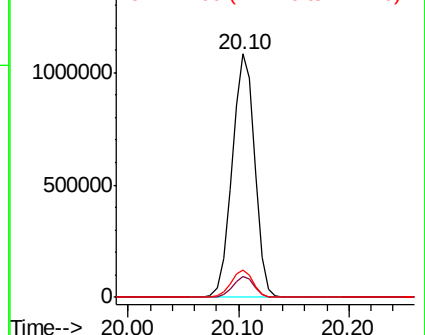
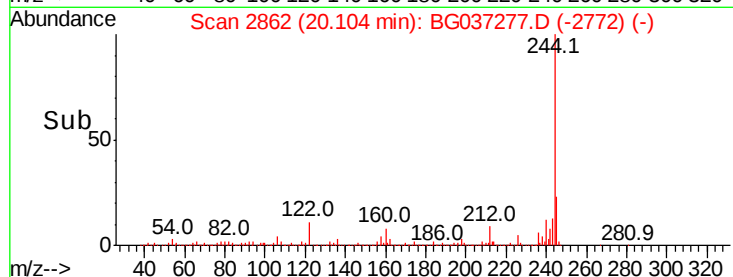


Abundance

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: 25.14 min Scan# 3719

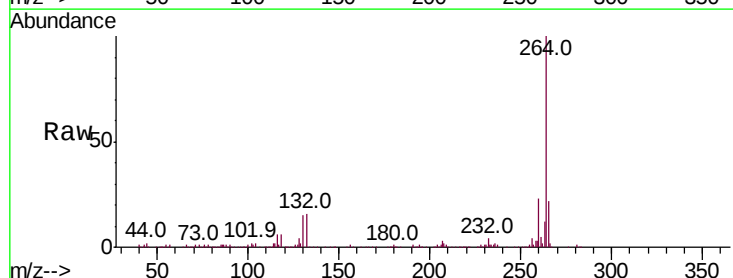
Delta R.T. -0.01 min

Lab File: BG037277.D

Acq: 12 Oct 2018 5:10

Tgt Ion:264 Resp: 455646

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	22.3	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

