

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
 Data File : BG037045.D
 Acq On : 28 Sep 2018 11:29
 Operator : JU/SJ
 Sample : J5090-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

Quant Time: Sep 28 13:54:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

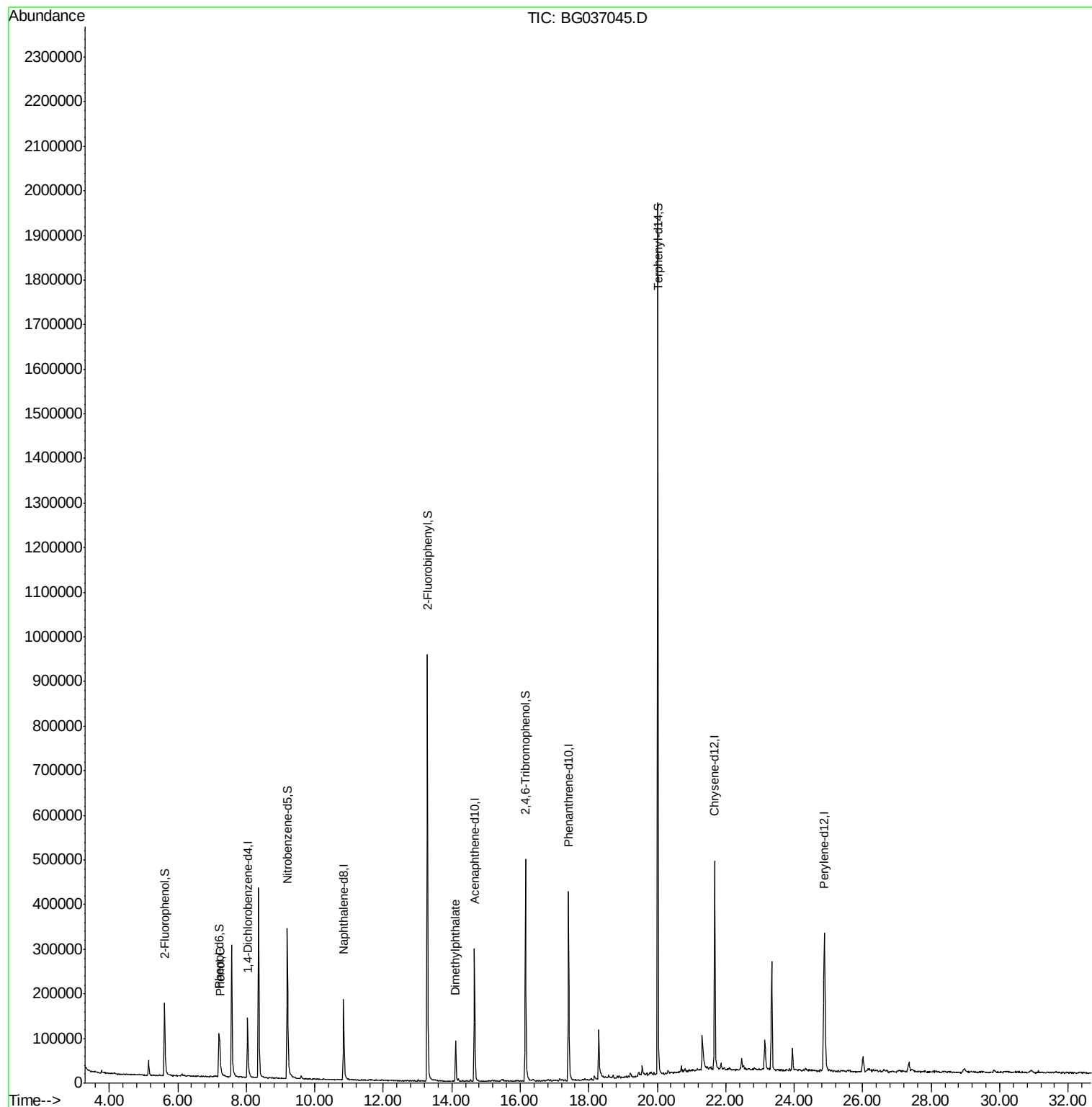
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	42355	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	176023	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	113813	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	293745	20.00	ng	0.00
75) Chrysene-d12	21.68	240	311454	20.00	ng	-0.01
86) Perylene-d12	24.87	264	314862	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	82493	37.35	ng	0.00
7) Phenol-d6	7.20	99	72892	21.33	ng	-0.01
23) Nitrobenzene-d5	9.20	82	256483	78.03	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	98491	72.33	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	541483	70.86	ng	-0.01
78) Terphenyl-d14	20.02	244	969207	81.83	ng	-0.01
Target Compounds						
10) Phenol	7.23	94	37543	10.646	ng	96
49) Dimethylphthalate	14.11	163	70886	7.738	ng	97

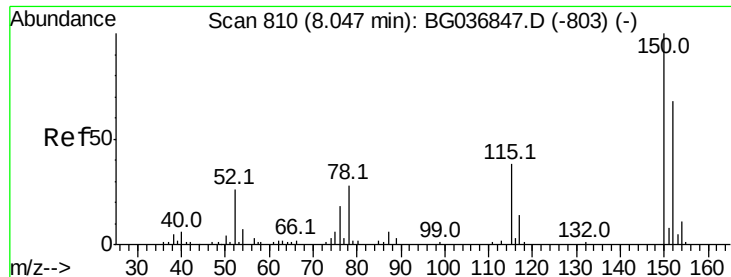
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.01 min

Lab File: BG037045.D

Acq: 28 Sep 2018 11:29

Instrument :

BNA_G

ClientSampleId :

MW-2

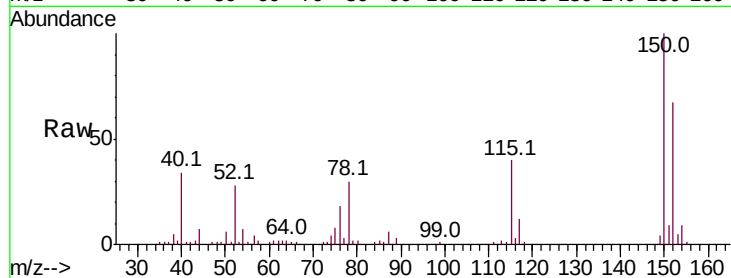
Tot Ion:152 Resp: 42355

Ion Ratio Lower Upper

152 100

150 150.2 119.5 179.3

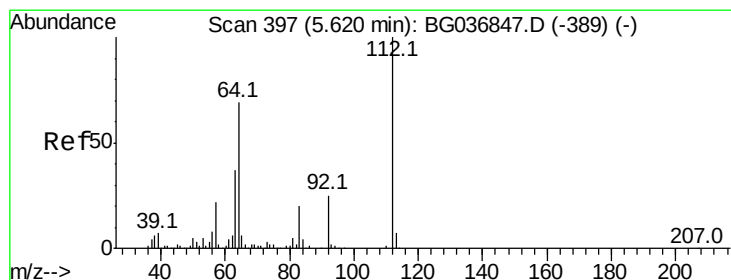
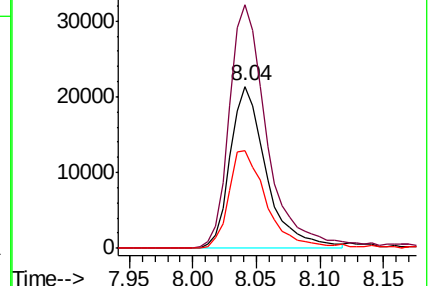
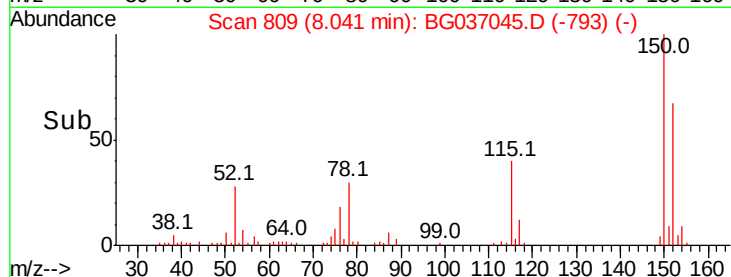
115 60.6 44.5 66.7



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: 37.352 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG037045.D

Acq: 28 Sep 2018 11:29

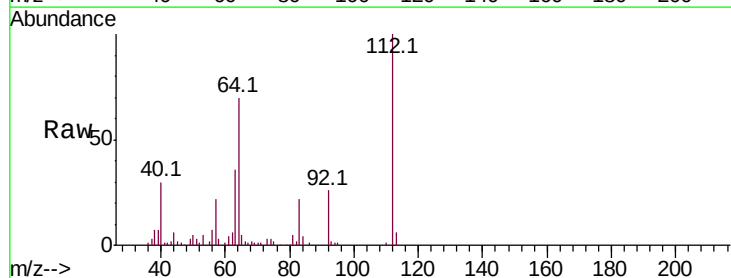
Tgt Ion:112 Resp: 82493

Ion Ratio Lower Upper

112 100

64 69.7 57.2 85.8

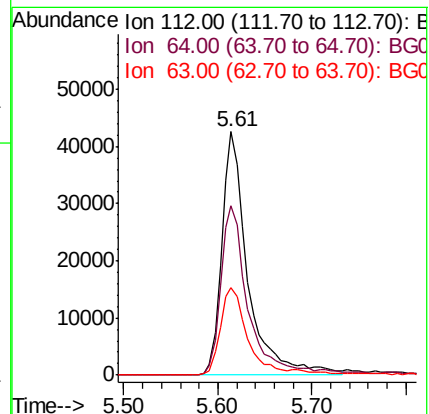
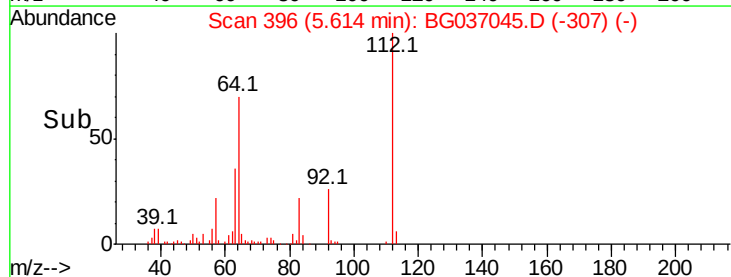
63 35.7 30.8 46.2

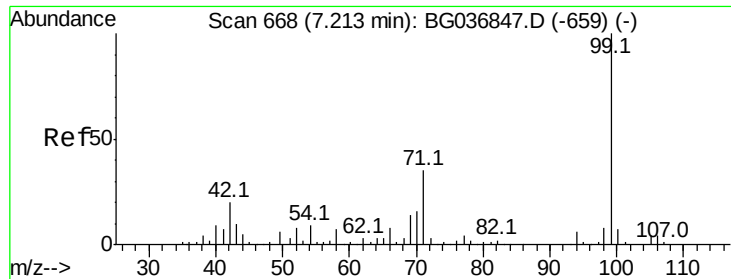


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 21.332 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037045.D

Acq: 28 Sep 2018 11:29

Instrument :

BNA_G

ClientSampled :

MW-2

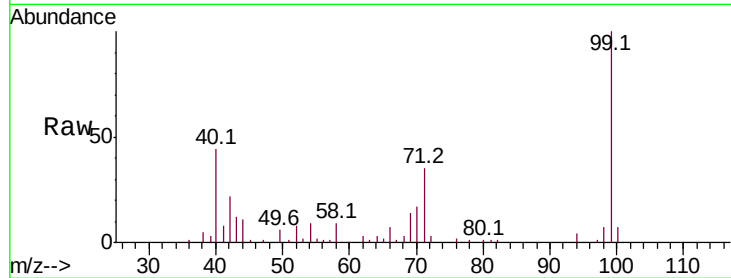
Tot Ion: 99 Resp: 72892

Ion Ratio Lower Upper

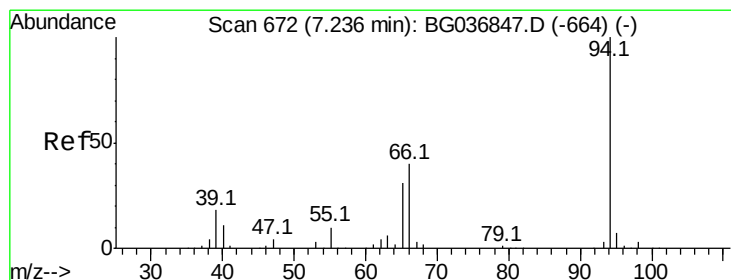
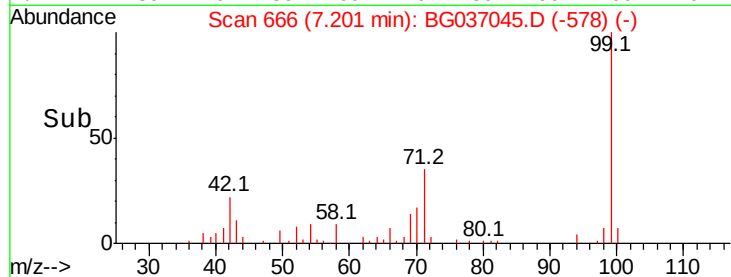
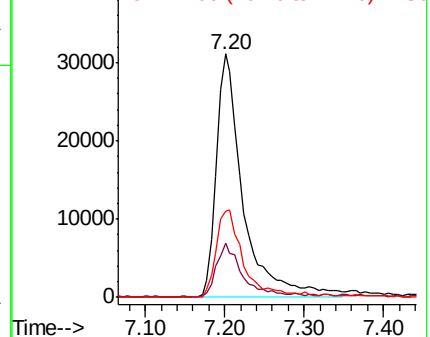
99 100

42 22.2 16.5 24.7

71 35.5 29.4 44.2



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: 10.646 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG037045.D

Acq: 28 Sep 2018 11:29

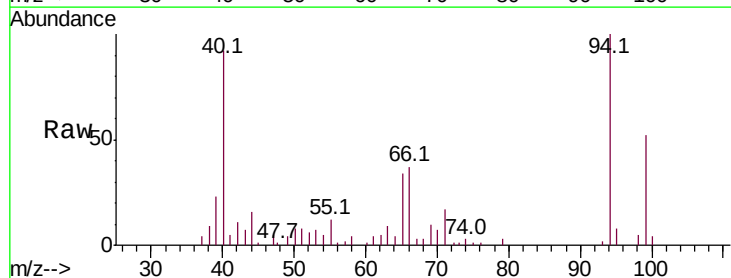
Tgt Ion: 94 Resp: 37543

Ion Ratio Lower Upper

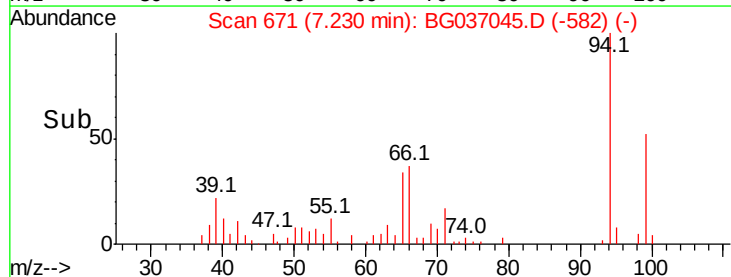
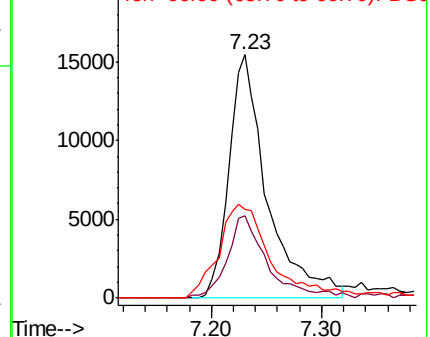
94 100

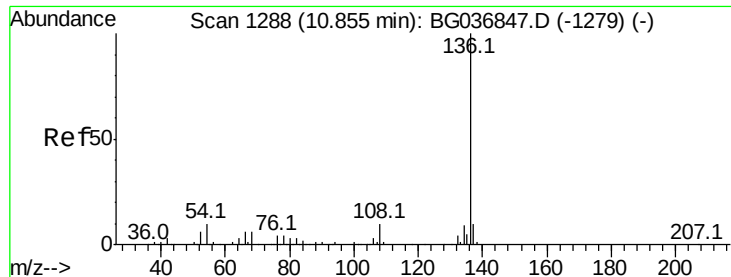
65 33.9 11.5 51.5

66 36.7 19.5 59.5



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

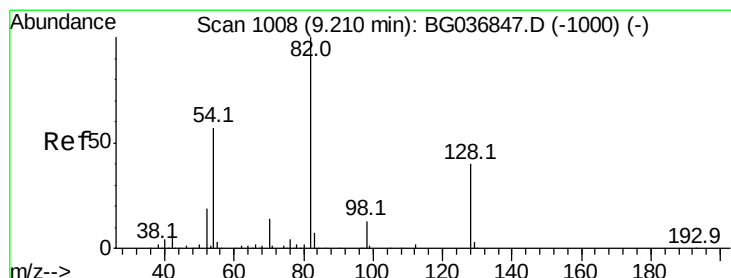
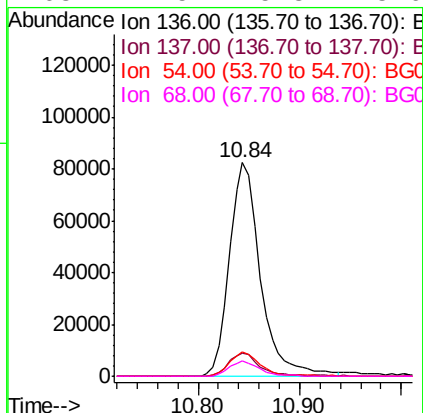
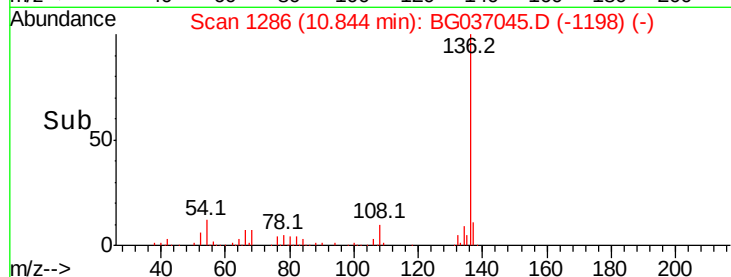
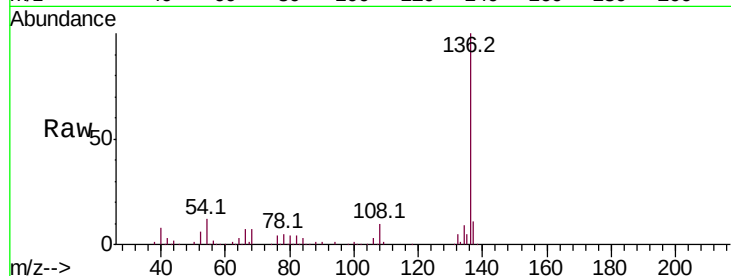




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037045.D
Acq: 28 Sep 2018 11:29

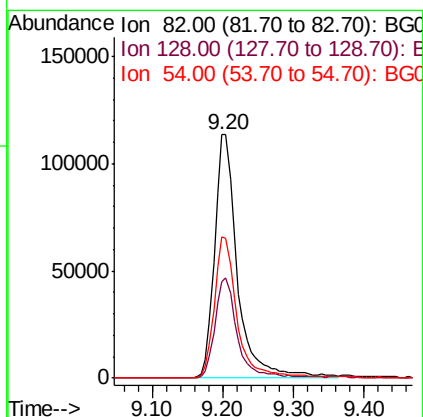
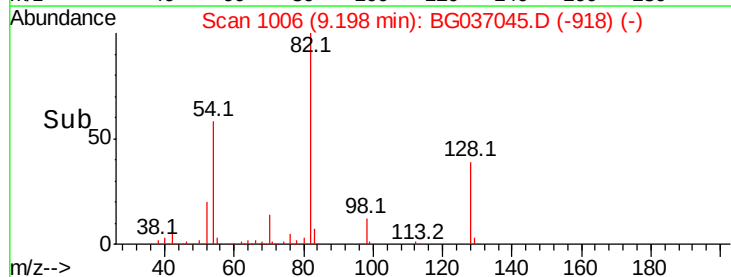
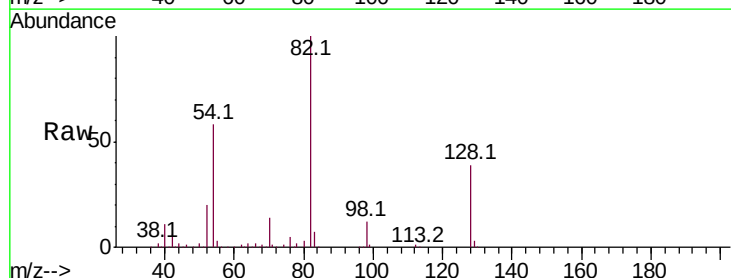
Instrument :
BNA_G
ClientSampleId :
MW-2

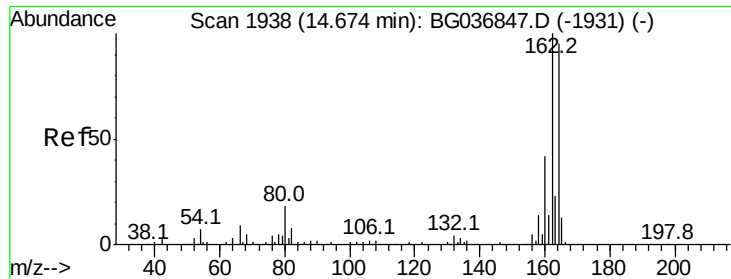
Tot Ion:136	Resp:	176023
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.8	13.2
54 11.5	9.2	13.8
68 7.5	5.8	8.6



#23
Nitrobenzene-d5
Concen: 78.029 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037045.D
Acq: 28 Sep 2018 11:29

Tgt Ion: 82	Resp: 256483
Ion Ratio	Lower Upper
82 100	
128 39.5	33.3 49.9
54 57.8	45.1 67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG037045.D

Acq: 28 Sep 2018 11:29

Instrument :

BNA_G

ClientSampleId :

MW-2

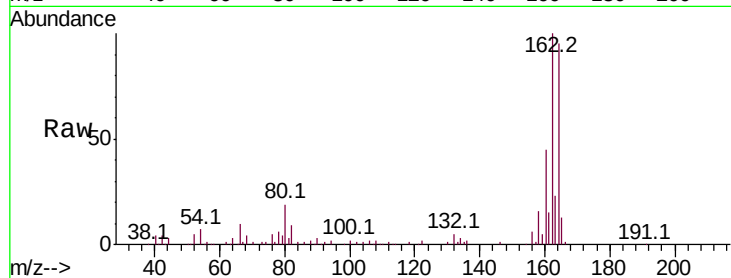
Tot Ion:164 Resp: 113813

Ion Ratio Lower Upper

164 100

162 105.5 80.7 121.1

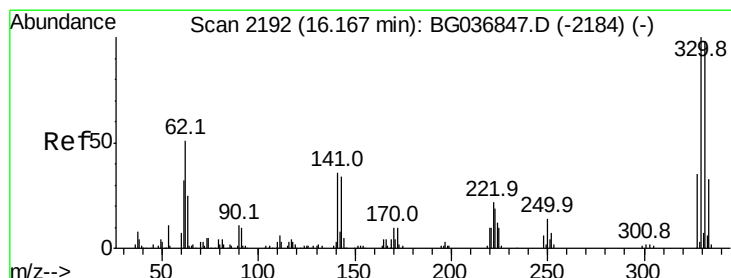
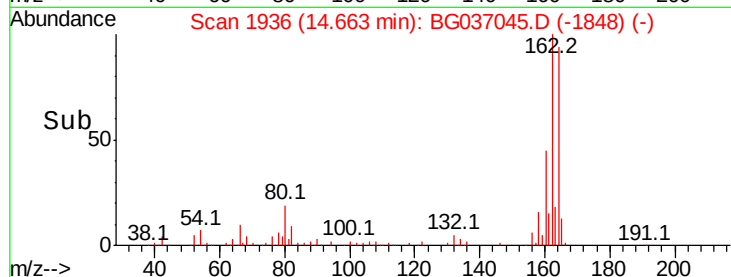
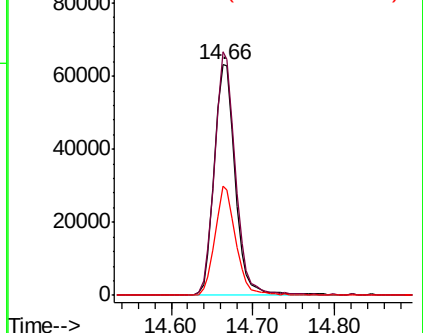
160 47.5 35.3 52.9



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



#41

2,4,6-Tribromophenol

Concen: 72.329 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG037045.D

Acq: 28 Sep 2018 11:29

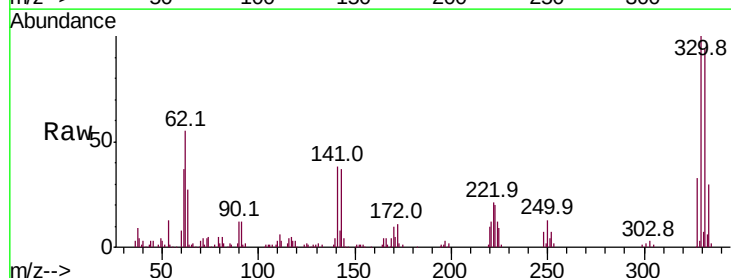
Tgt Ion:330 Resp: 98491

Ion Ratio Lower Upper

330 100

332 96.8 75.4 113.2

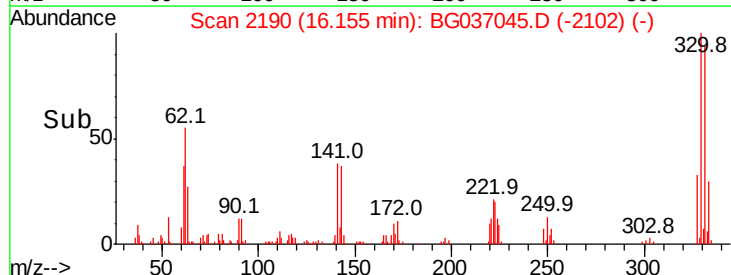
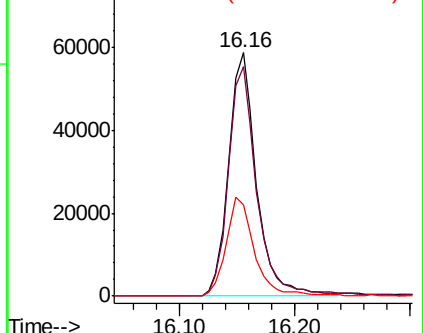
141 41.1 30.7 46.1

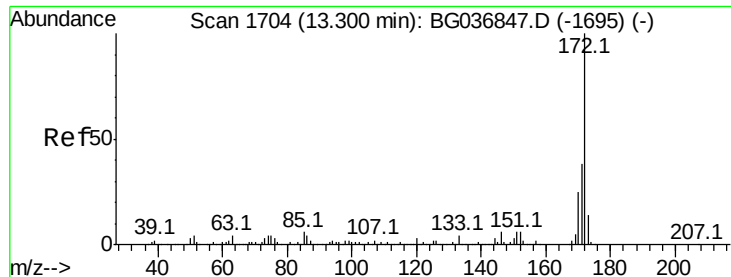


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

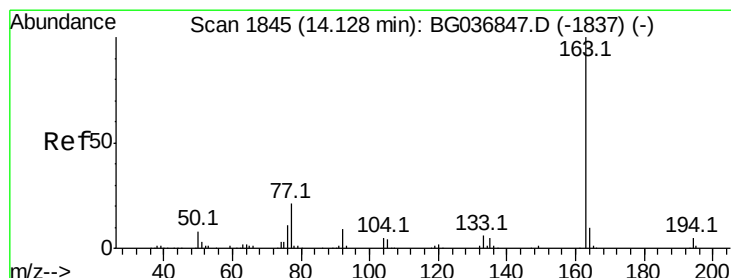
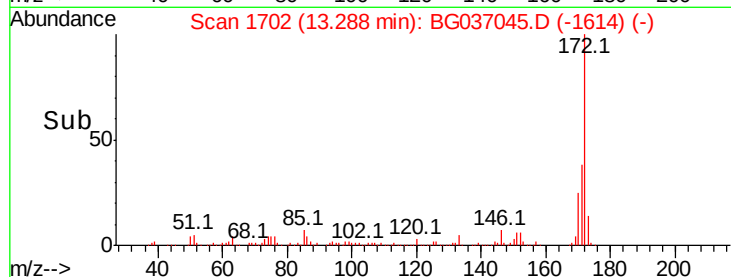
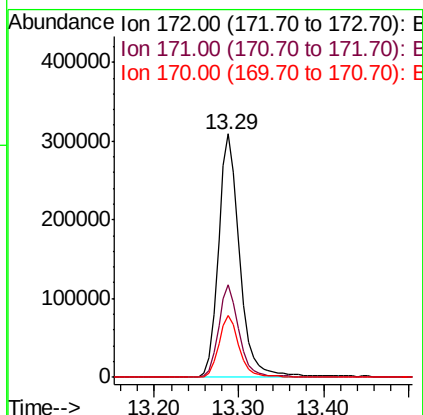
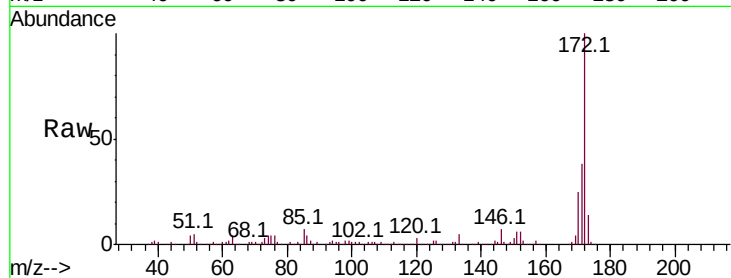




#44
2-Fluorobiphenyl
Concen: 70.860 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG037045.D
Acq: 28 Sep 2018 11:29

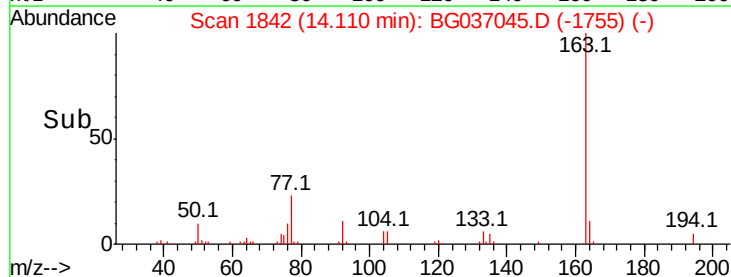
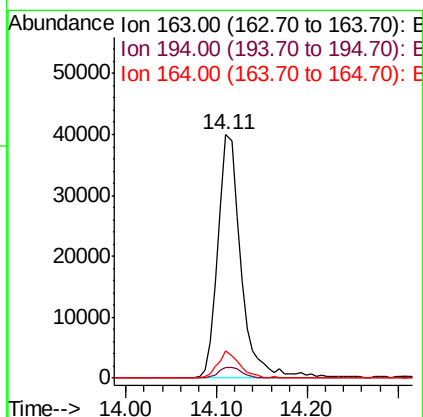
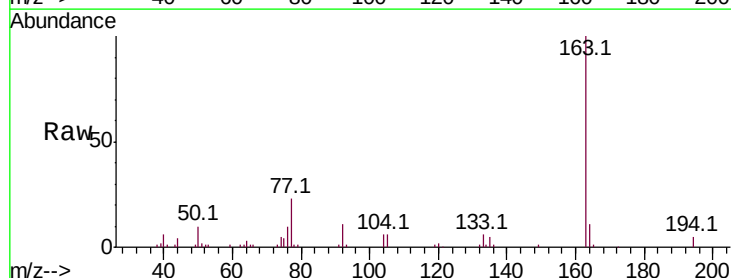
Instrument :
BNA_G
ClientSampleId :
MW-2

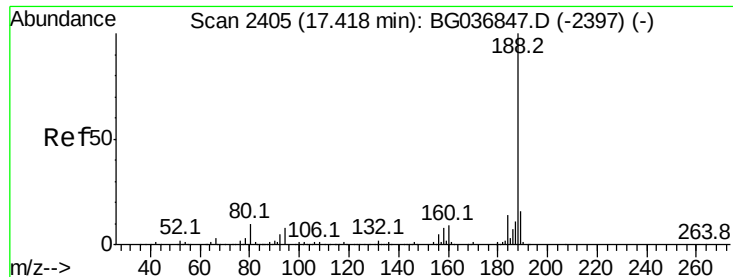
Tot Ion:172 Resp: 541483
Ion Ratio Lower Upper
172 100
171 37.8 31.3 46.9
170 25.4 21.0 31.6



#49
Dimethylphthalate
Concen: 7.738 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.02 min
Lab File: BG037045.D
Acq: 28 Sep 2018 11:29

Tgt Ion:163 Resp: 70886
Ion Ratio Lower Upper
163 100
194 4.6 4.0 6.0
164 11.3 8.1 12.1

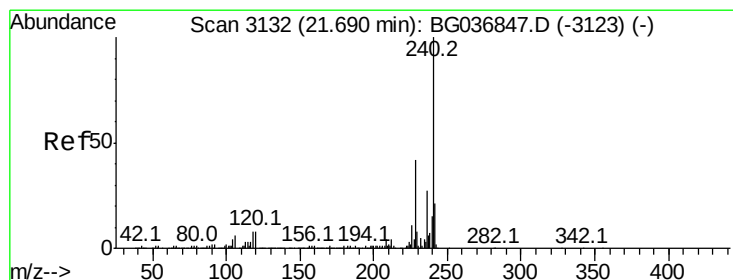
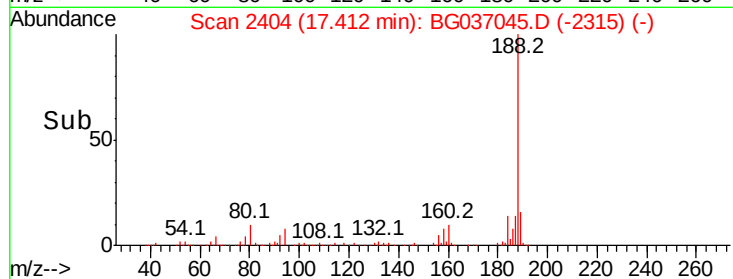
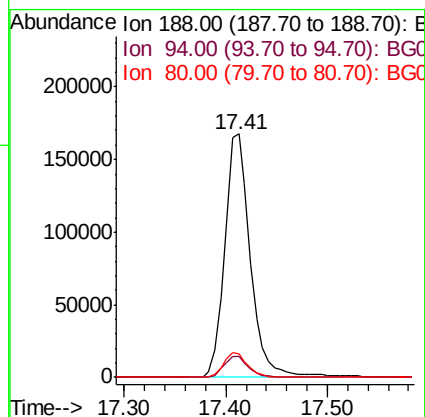
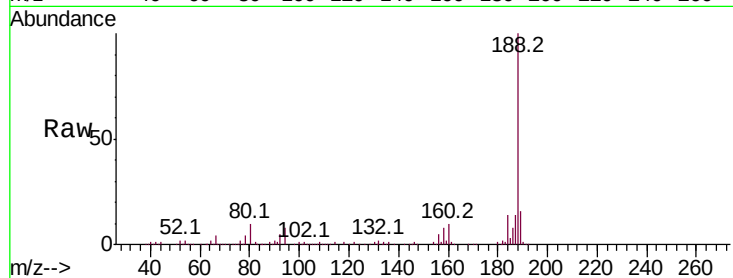




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG037045.D
Acq: 28 Sep 2018 11:29

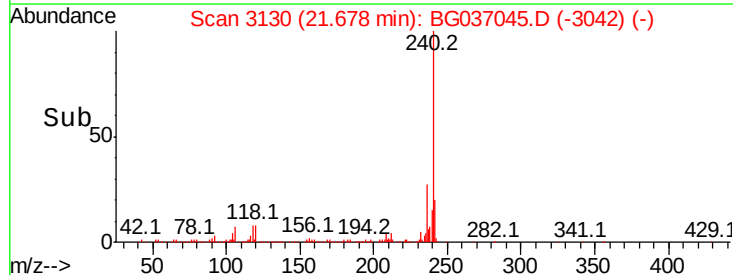
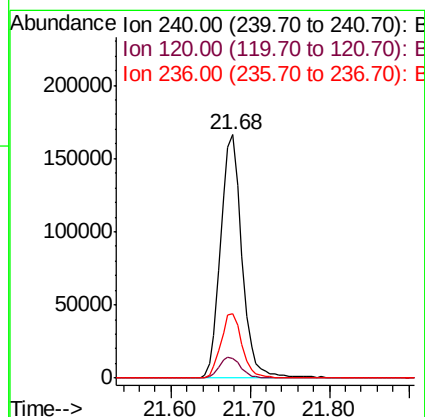
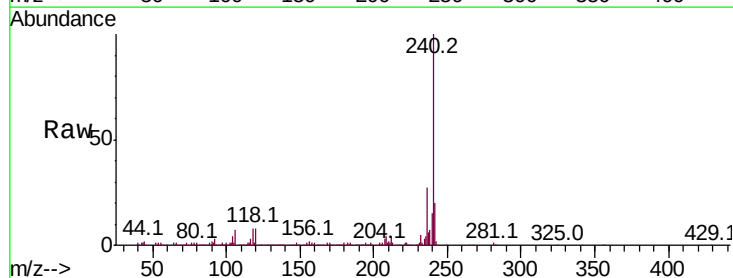
Instrument :
BNA_G
ClientSampleId :
MW-2

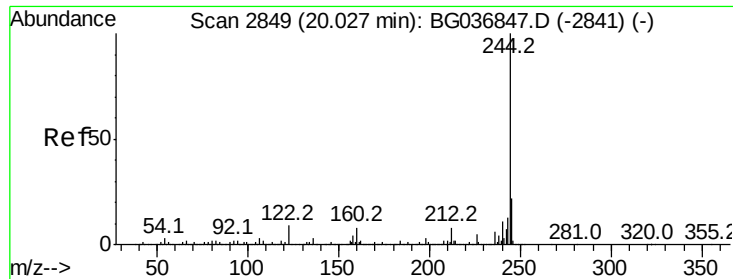
Tot Ion:188 Resp: 293745
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 9.7 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG037045.D
Acq: 28 Sep 2018 11:29

Tgt Ion:240 Resp: 311454
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 26.7 21.2 31.8





#78

Terphenyl-d14

Concen: 81.827 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037045.D

Acq: 28 Sep 2018 11:29

Instrument :

BNA_G

ClientSampleId :

MW-2

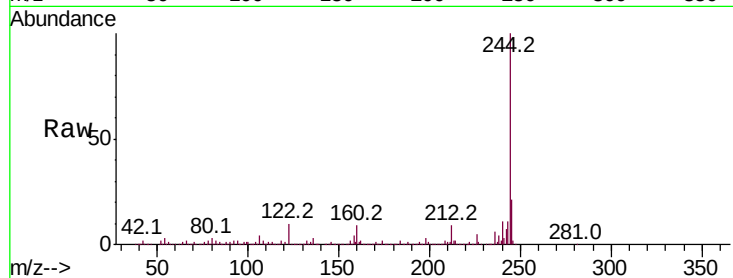
Tot Ion:244 Resp: 969207

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	9.6	7.1	10.7

244 100

212 8.7 7.0 10.6

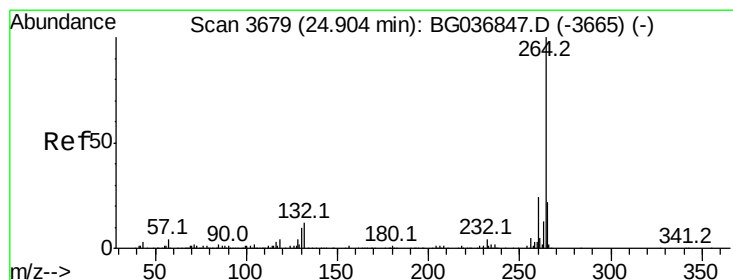
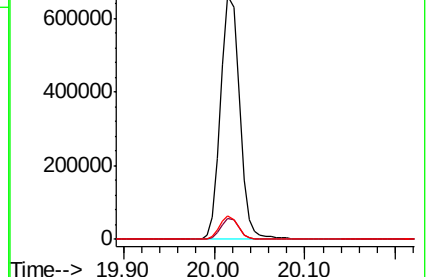
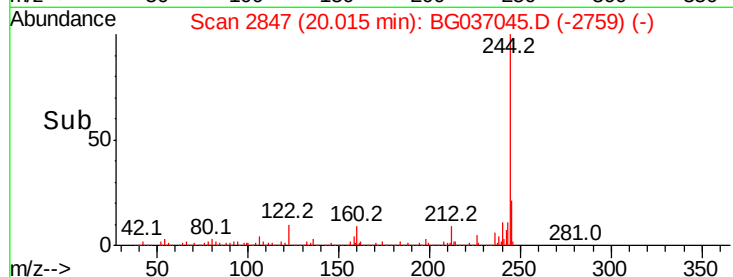
122 9.6 7.1 10.7



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.87 min Scan# 3674

Delta R.T. -0.03 min

Lab File: BG037045.D

Acq: 28 Sep 2018 11:29

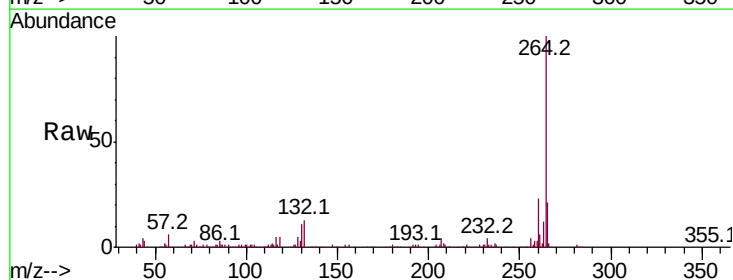
Tgt Ion:264 Resp: 314862

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	20.8	17.4	26.0

264 100

260 23.3 19.6 29.4

265 20.8 17.4 26.0



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

