

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037818.D
 Acq On : 6 Nov 2018 00:56
 Operator : JU/SJ
 Sample : J5812-21
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP3-B

Quant Time: Nov 06 05:45:12 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

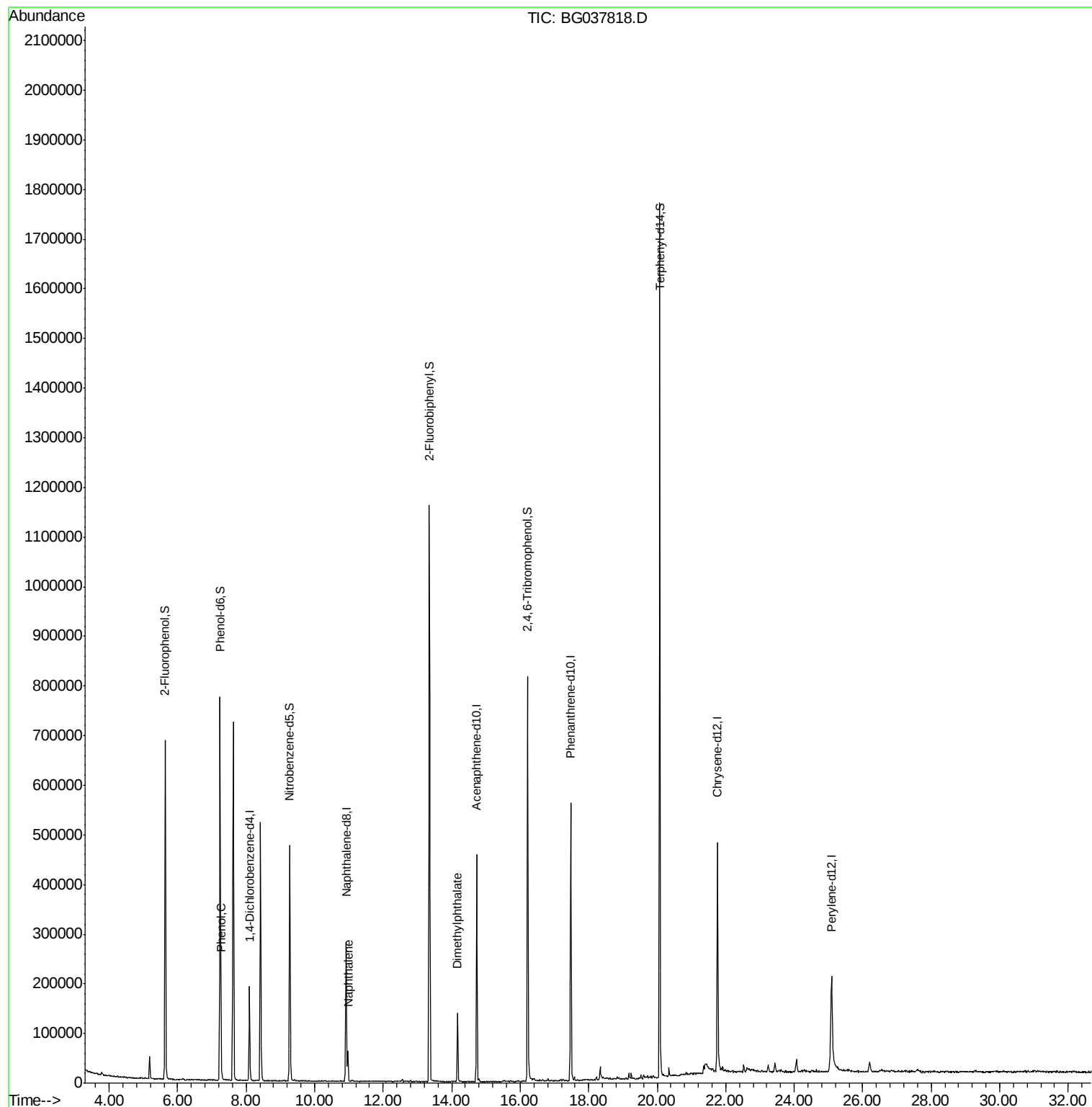
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	55402	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	254531	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	162234	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	364828	20.00	ng	0.00
76) Chrysene-d12	21.76	240	320659	20.00	ng	-0.01
87) Perylene-d12	25.09	264	277731	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	333974	100.78	ng	0.00
7) Phenol-d6	7.24	99	499179	99.62	ng	-0.01
23) Nitrobenzene-d5	9.27	82	301099	66.27	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	159645	90.22	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	663278	61.65	ng	-0.02
79) Terphenyl-d14	20.08	244	911564	60.74	ng	-0.01
Target Compounds						
10) Phenol	7.27	94	28149	5.324	ng	96
31) Naphthalene	10.97	128	56393	4.511	ng	97
50) Dimethylphthalate	14.17	163	106322	8.471	ng	98

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

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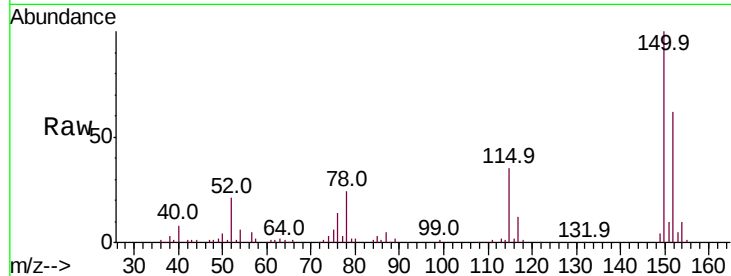


#1

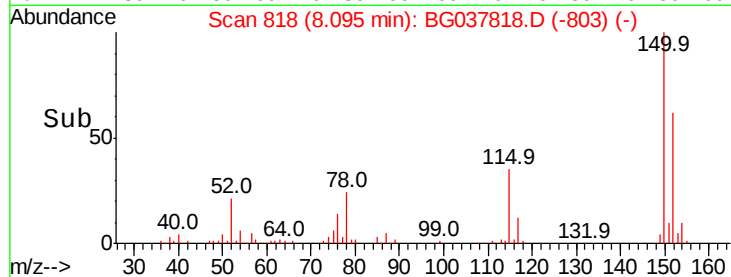
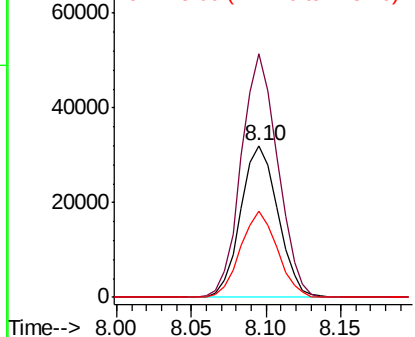
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037818.D
Acq: 6 Nov 2018 00:56

Instrument :
BNA_G
ClientSampleId :
TP3-B

Tot Ion:152 Resp: 55402
Ion Ratio Lower Upper
152 100
150 160.3 126.0 189.0
115 56.9 45.5 68.3



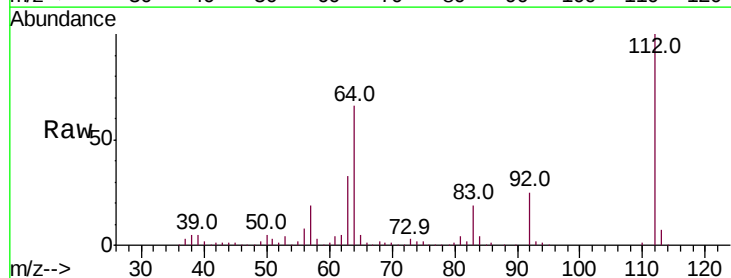
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



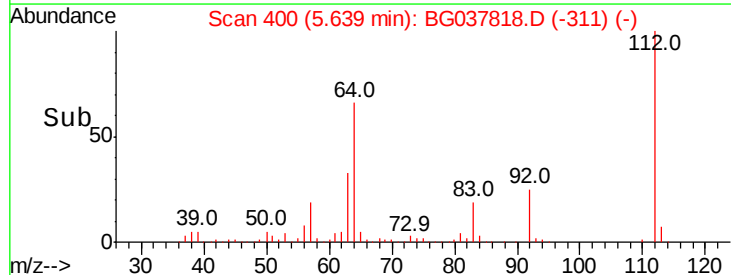
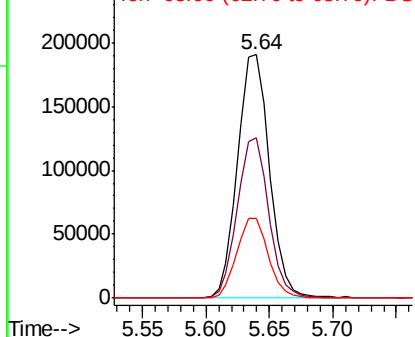
#5

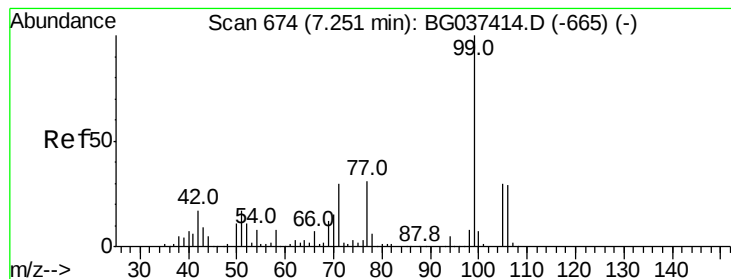
2-Fluorophenol
Concen: 100.783 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037818.D
Acq: 6 Nov 2018 00:56

Tgt Ion:112 Resp: 333974
Ion Ratio Lower Upper
112 100
64 65.9 53.1 79.7
63 33.0 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: 99.619 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037818.D

Acq: 6 Nov 2018 00:56

Instrument :

BNA_G

ClientSampleId :

TP3-B

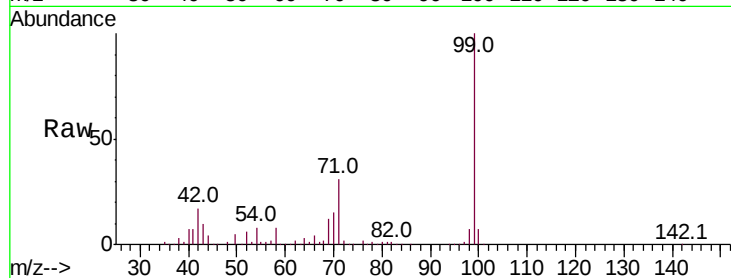
Tot Ion: 99 Resp: 499179

Ion Ratio Lower Upper

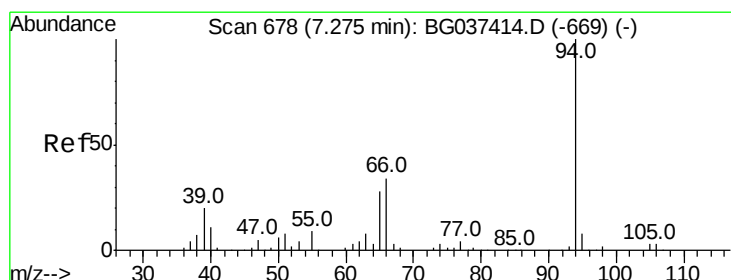
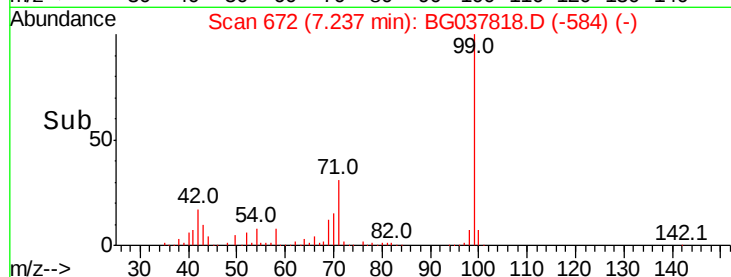
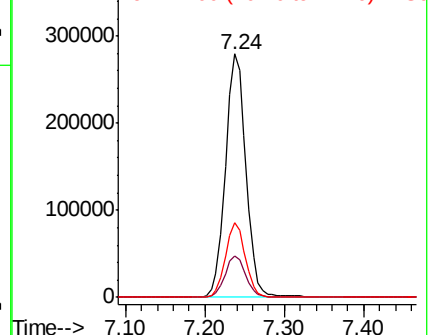
99 100

42 17.0 15.0 22.4

71 30.8 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: 5.324 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037818.D

Acq: 6 Nov 2018 00:56

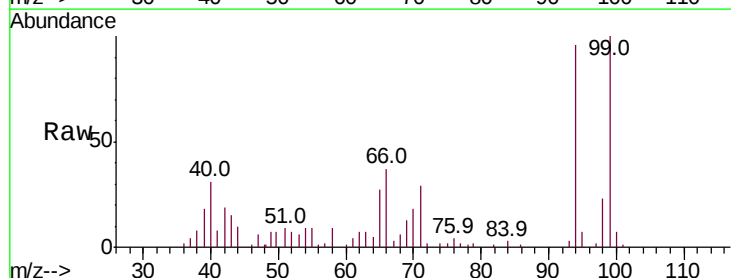
Tgt Ion: 94 Resp: 28149

Ion Ratio Lower Upper

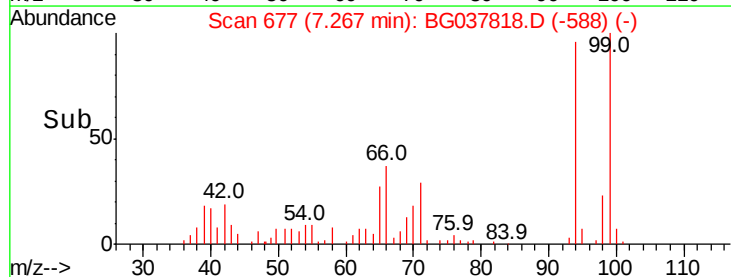
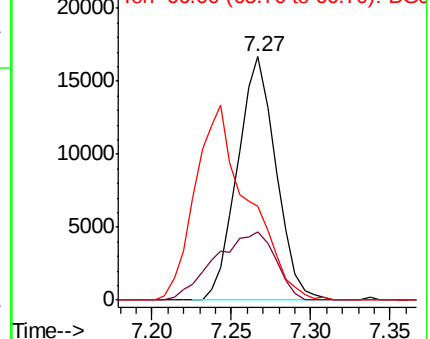
94 100

65 28.0 9.7 49.7

66 38.5 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

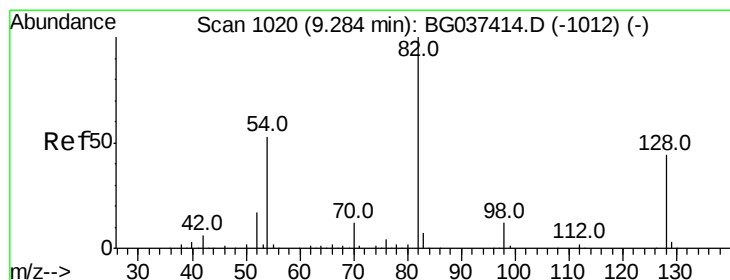
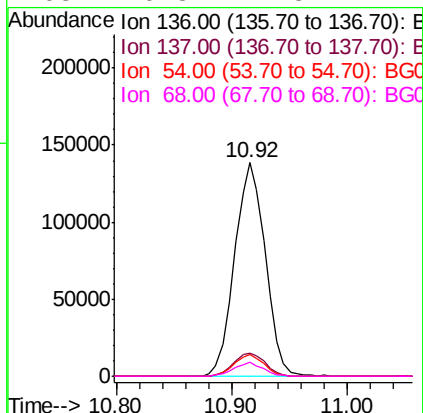
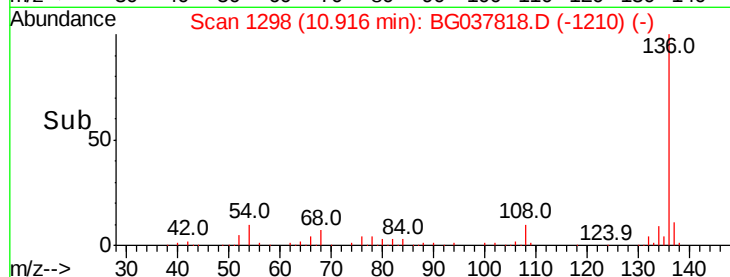
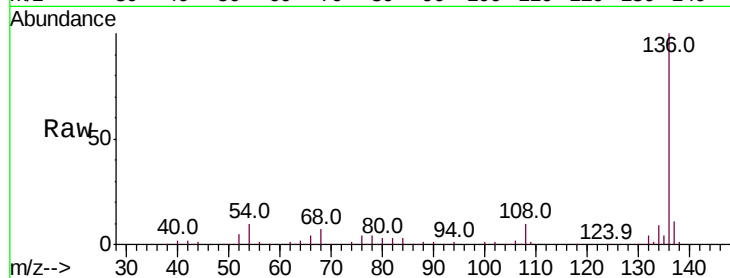




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037818.D
Acq: 6 Nov 2018 00:56

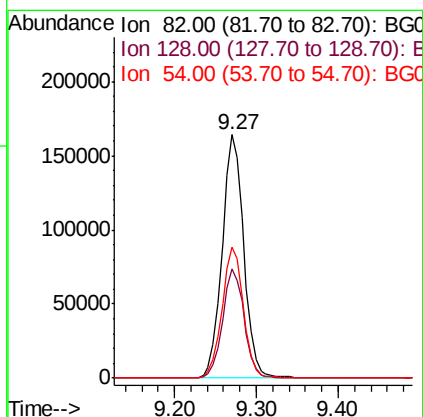
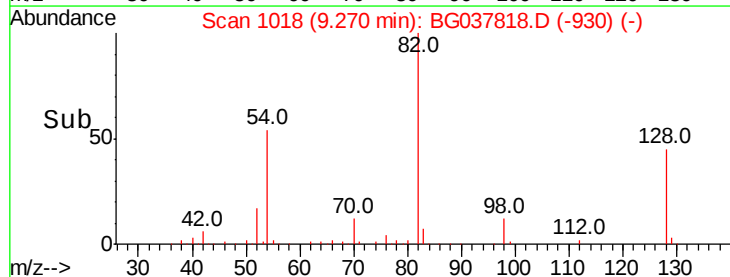
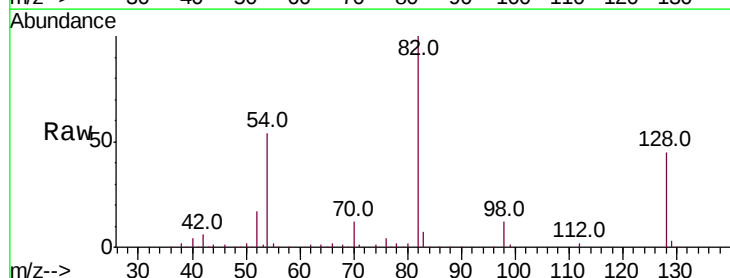
Instrument :
BNA_G
ClientSampleId :
TP3-B

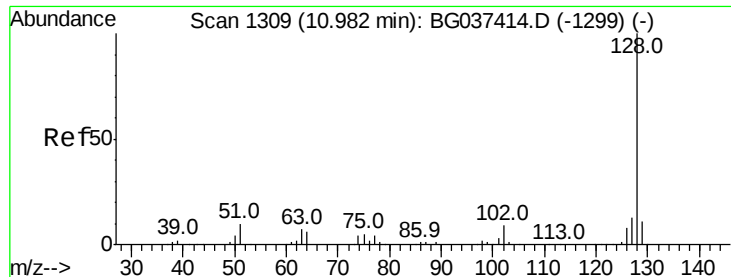
Tot Ion:	136	Resp:	254531
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	10.0	7.9	11.9
68	6.8	4.8	7.2



#23
Nitrobenzene-d5
Concen: 66.268 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037818.D
Acq: 6 Nov 2018 00:56

Tgt Ion:	82	Resp:	301099
Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.6	51.8
54	53.8	45.3	67.9

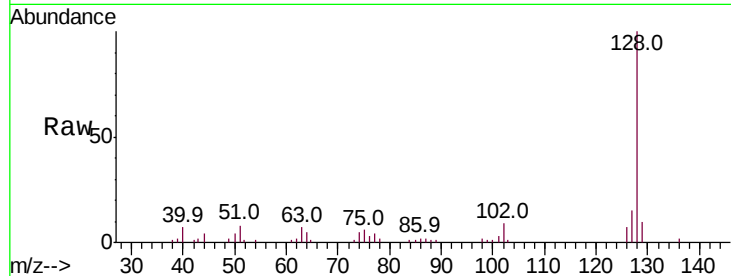




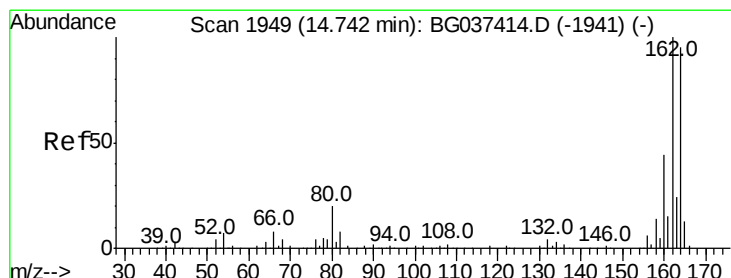
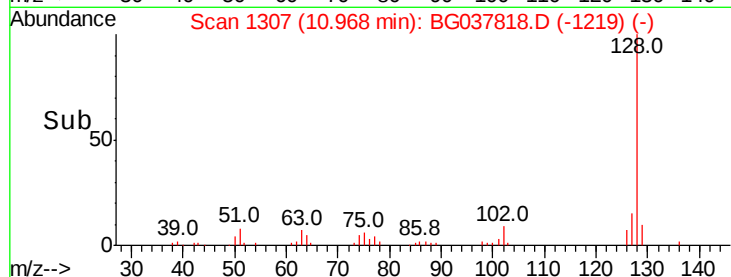
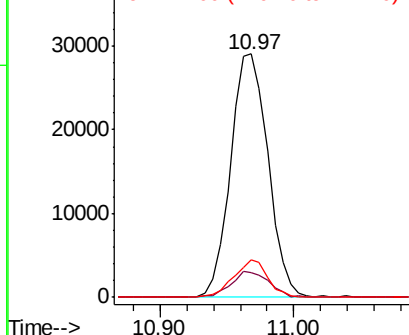
#31
Naphthalene
Concen: 4.511 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG037818.D
Acq: 6 Nov 2018 00:56

Instrument :
BNA_G
ClientSampleId :
TP3-B

Tot Ion:128 Resp: 56393
Ion Ratio Lower Upper
128 100
129 10.3 9.0 13.6
127 15.2 11.1 16.7

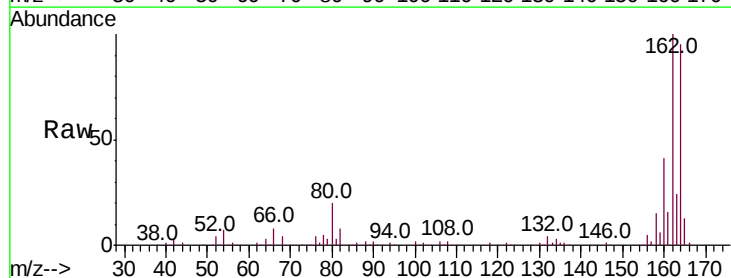


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

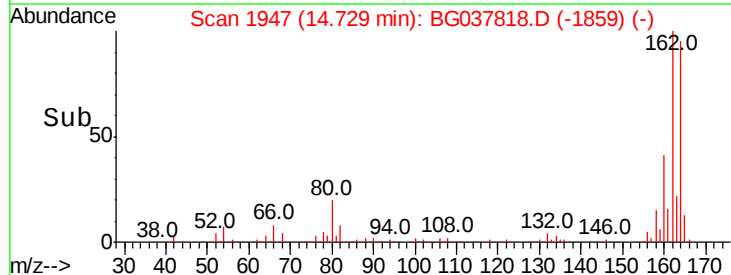
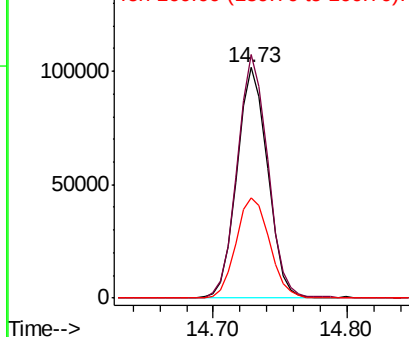


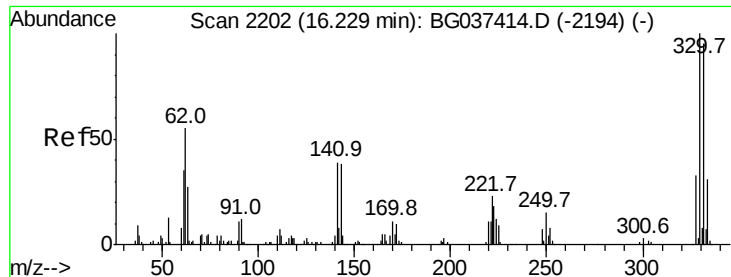
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG037818.D
Acq: 6 Nov 2018 00:56

Tgt Ion:164 Resp: 162234
Ion Ratio Lower Upper
164 100
162 105.7 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: 90.222 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037818.D

Acq: 6 Nov 2018 00:56

Instrument :

BNA_G

ClientSampled :

TP3-B

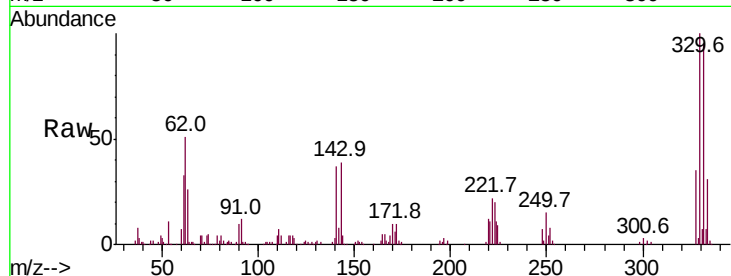
Tot Ion:330 Resp: 159645

Ion Ratio Lower Upper

330 100

332 97.5 78.4 117.6

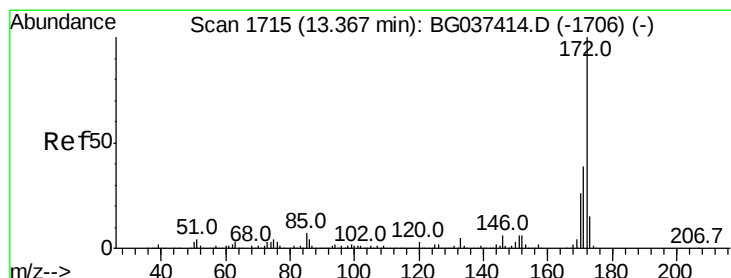
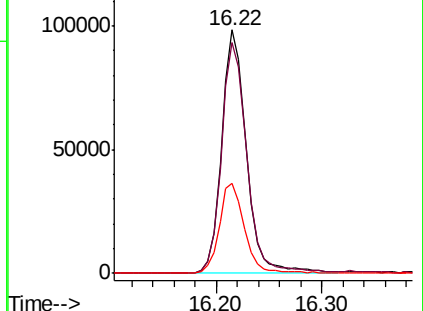
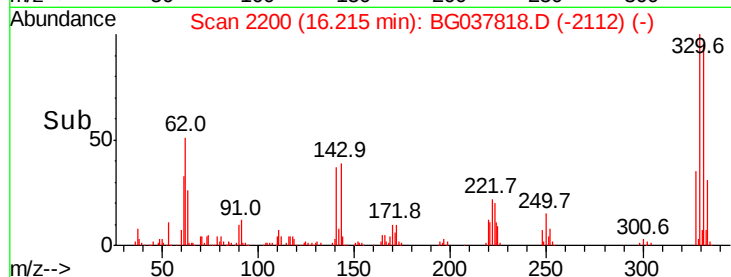
141 37.8 32.2 48.2



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: 61.651 ng

RT: 13.35 min Scan# 1712

Delta R.T. -0.02 min

Lab File: BG037818.D

Acq: 6 Nov 2018 00:56

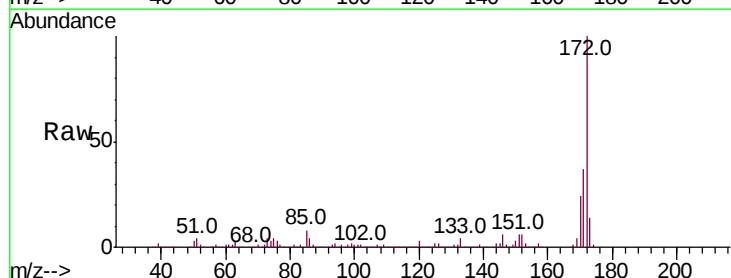
Tgt Ion:172 Resp: 663278

Ion Ratio Lower Upper

172 100

171 37.4 31.0 46.4

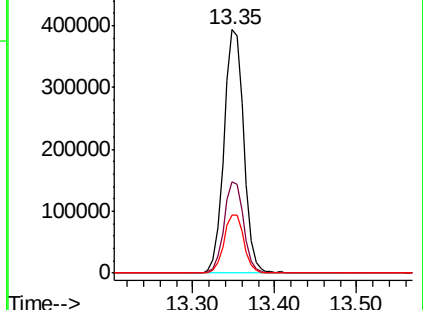
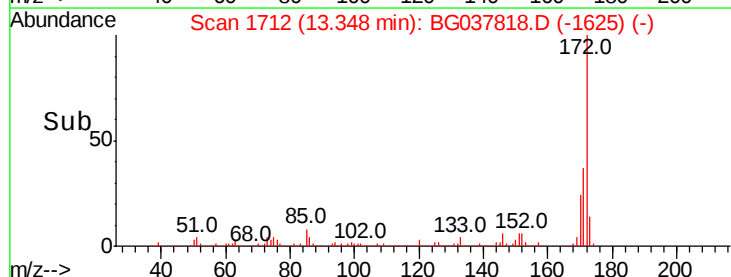
170 23.9 20.2 30.2

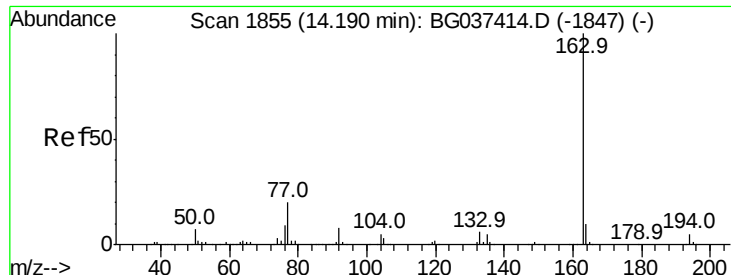


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 8.471 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BG037818.D

Acq: 6 Nov 2018 00:56

Instrument :

BNA_G

ClientSampleId :

TP3-B

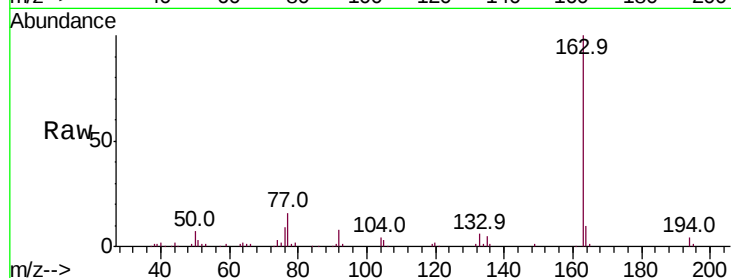
Tot Ion:163 Resp: 106322

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

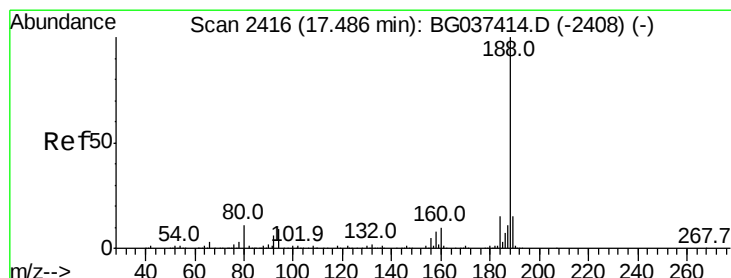
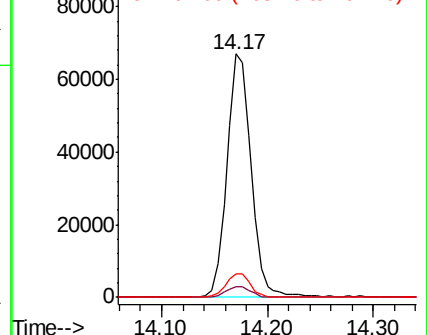
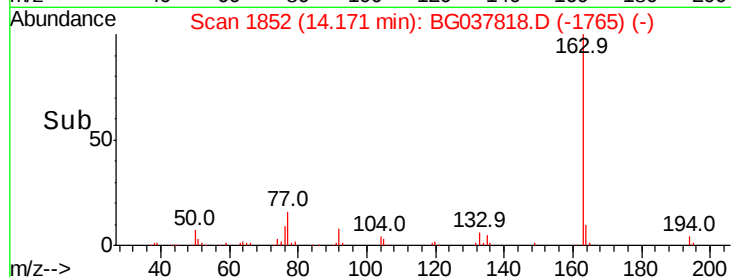
164 9.7 8.5 12.7



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037818.D

Acq: 6 Nov 2018 00:56

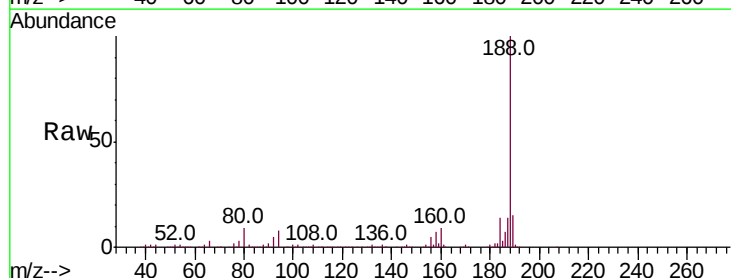
Tgt Ion:188 Resp: 364828

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

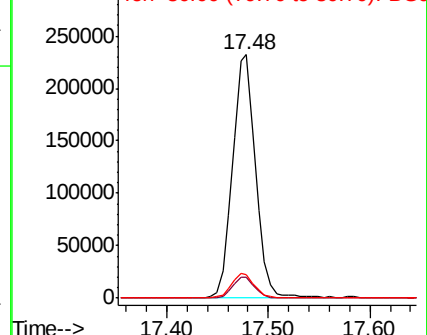
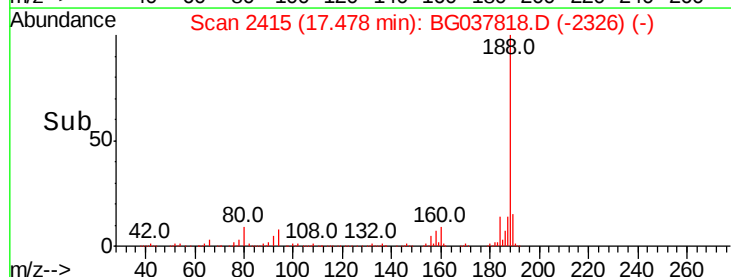
80 9.4 7.7 11.5

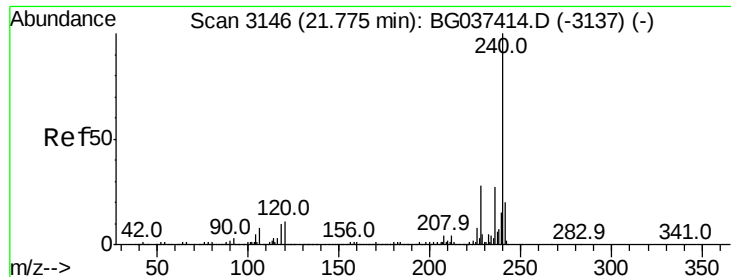


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

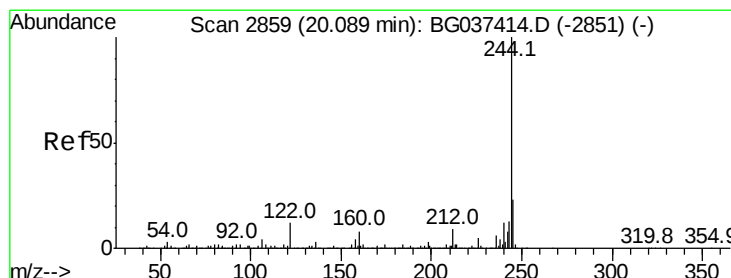
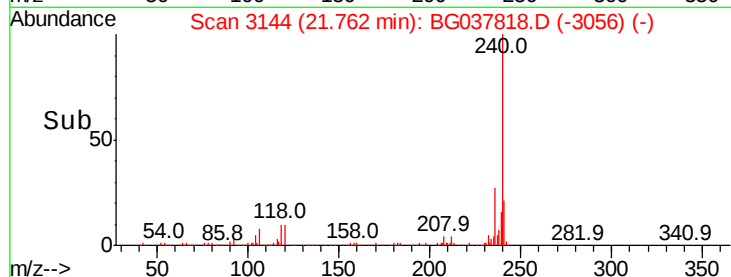
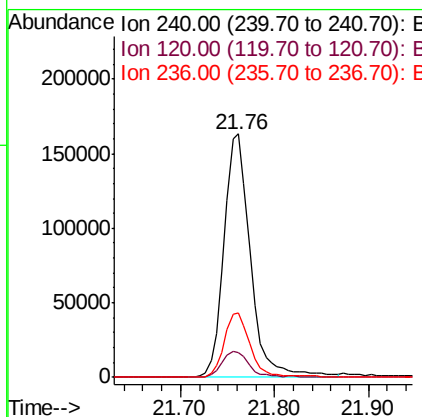
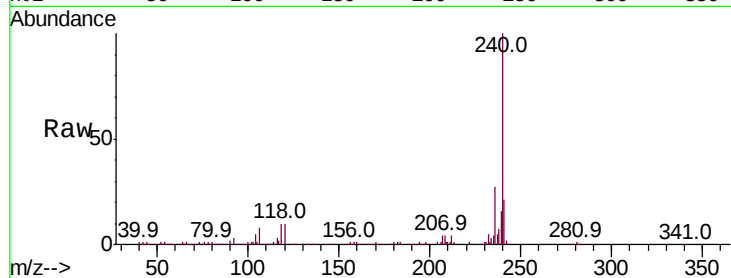




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG037818.D
 Acq: 6 Nov 2018 00:56

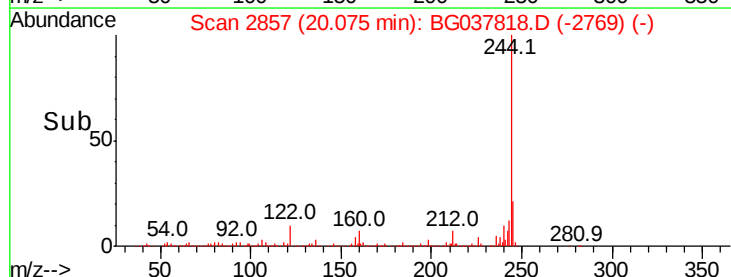
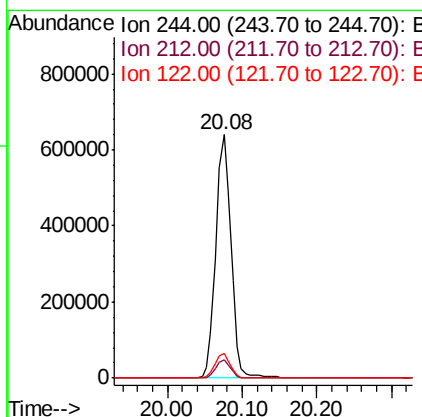
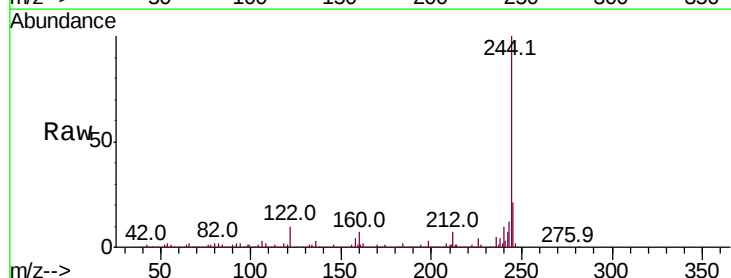
Instrument :
 BNA_G
 ClientSampleId :
 TP3-B

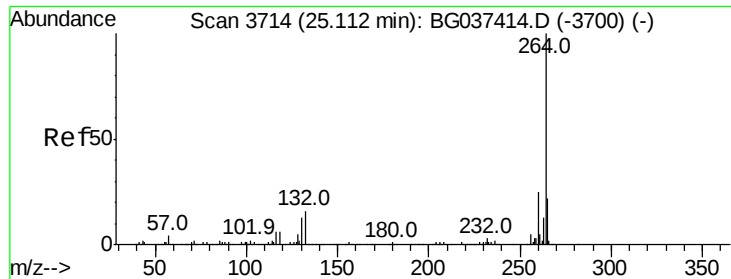
Tot Ion:240 Resp: 320659
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.1 12.1
 236 26.7 21.4 32.0



#79
 Terphenyl-d14
 Concen: 60.744 ng
 RT: 20.08 min Scan# 2857
 Delta R.T. -0.01 min
 Lab File: BG037818.D
 Acq: 6 Nov 2018 00:56

Tgt Ion:244 Resp: 911564
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 10.1 9.0 13.4



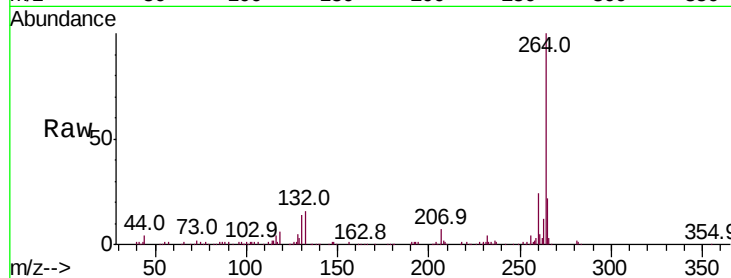


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3710
Delta R.T. -0.03 min
Lab File: BG037818.D
Acq: 6 Nov 2018 00:56

Instrument :
BNA_G
ClientSampleId :
TP3-B

Tot Ion:264 Resp: 277731

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	21.6	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

