

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
 Data File : BG037309.D
 Acq On : 13 Oct 2018 2:50
 Operator : JU/SJ
 Sample : PB113793TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113793TB

Quant Time: Oct 13 04:29:07 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	8.11	152	51829	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	218433	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	141174	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	382828	20.00	ng	0.00
76) Chrysene-d12	21.78	240	386097	20.00	ng	-0.02
87) Perylene-d12	25.12	264	381603	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	404381	137.31	ng	0.00
7) Phenol-d6	7.26	99	567491	126.96	ng	0.00
23) Nitrobenzene-d5	9.30	82	303416	91.32	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	175419	126.70	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	782125	83.20	ng	0.00
79) Terphenyl-d14	20.10	244	1421873	77.33	ng	0.00

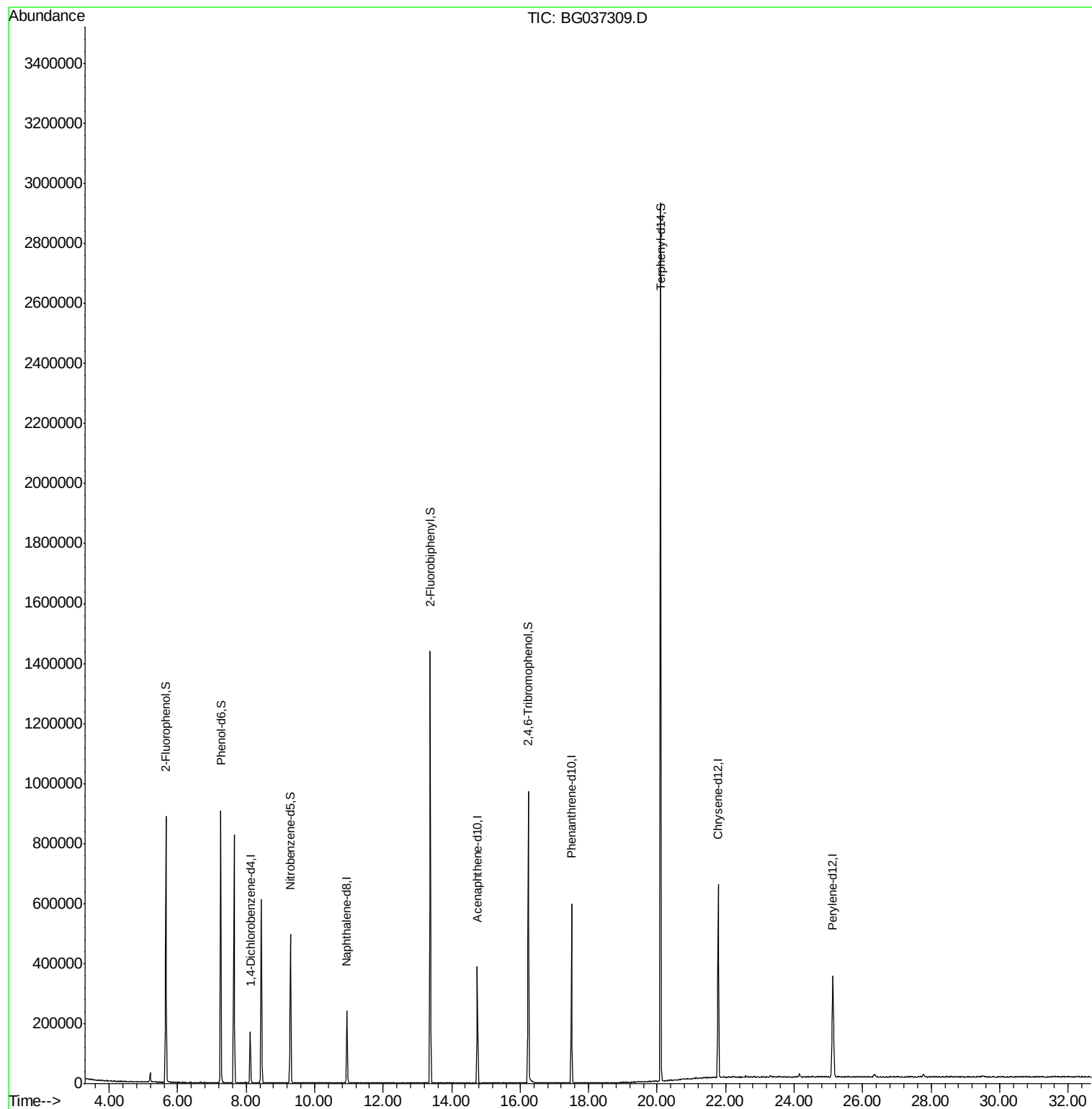
Target Compounds Qvalue

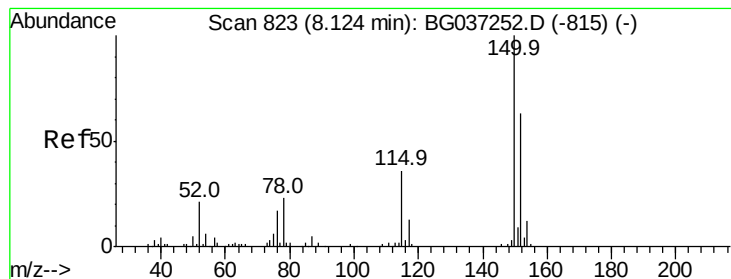
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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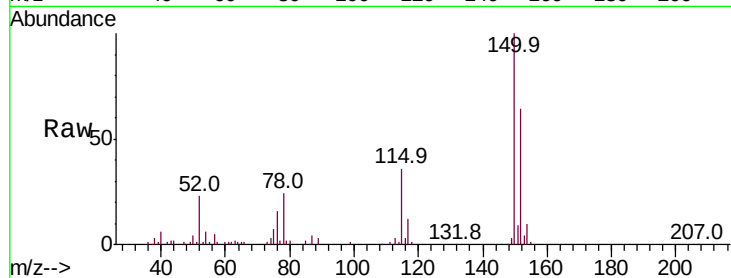


#1

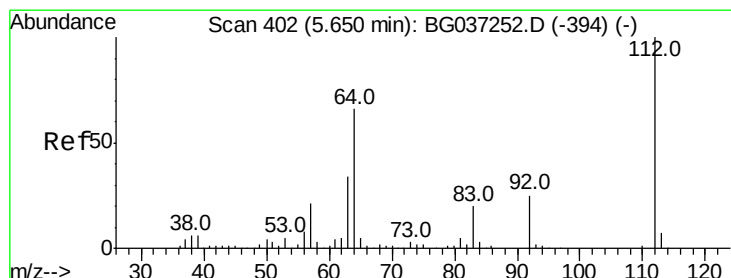
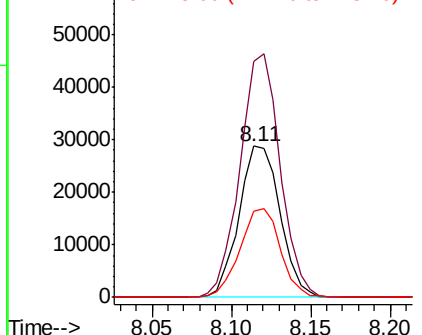
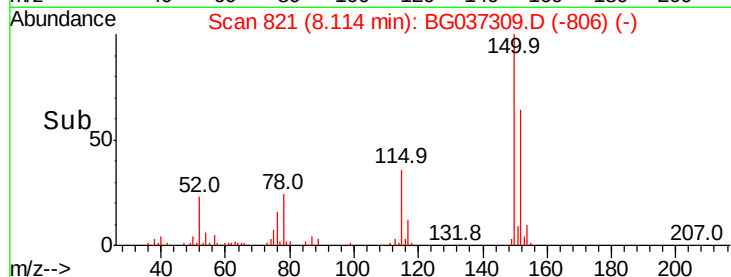
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037309.D
Acq: 13 Oct 2018 2:50

Instrument :
BNA_G
ClientSampleId :
PB113793TB

Tot Ion:152 Resp: 51829
Ion Ratio Lower Upper
152 100
150 156.8 126.0 189.0
115 57.0 45.5 68.3



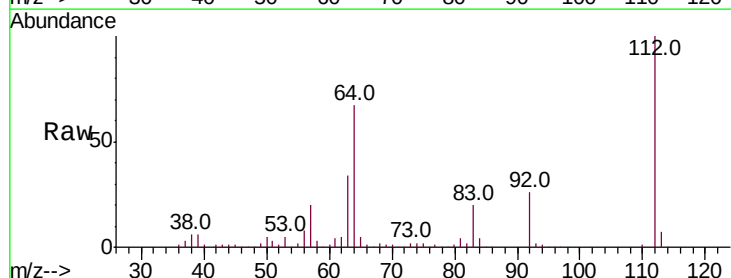
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



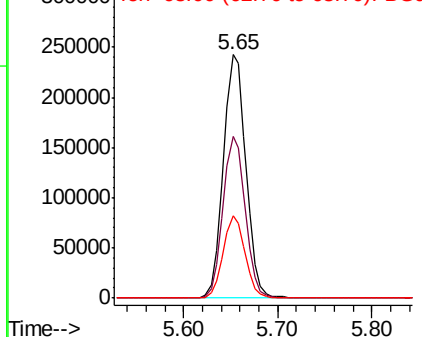
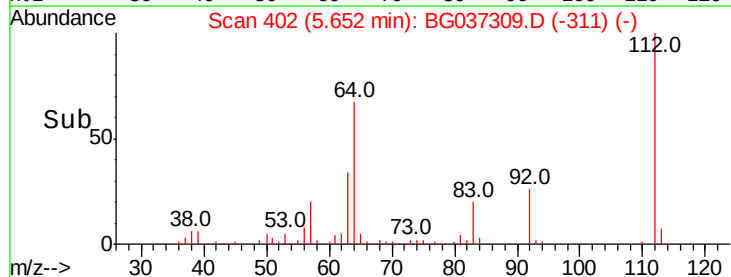
#5

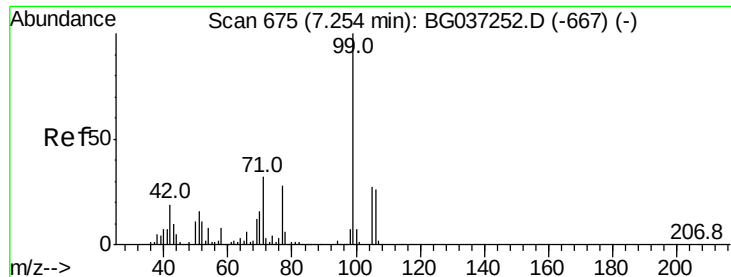
2-Fluorophenol
Concen: 137.312 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037309.D
Acq: 13 Oct 2018 2:50

Tgt Ion:112 Resp: 404381
Ion Ratio Lower Upper
112 100
64 66.5 53.1 79.7
63 34.0 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: 126.955 ng

RT: 7.26 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037309.D

Acq: 13 Oct 2018 2:50

Instrument :

BNA_G

ClientSampleId :

PB113793TB

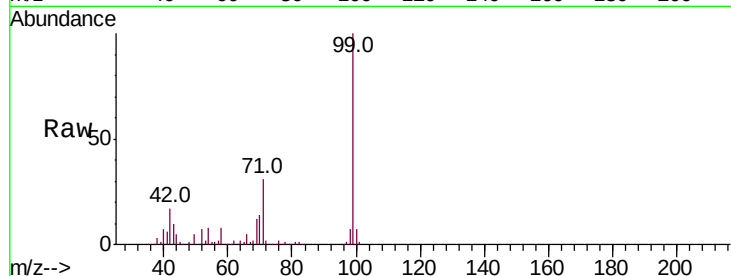
Tot Ion: 99 Resp: 567491

Ion Ratio Lower Upper

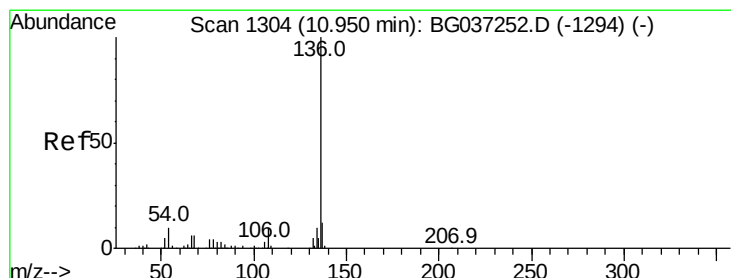
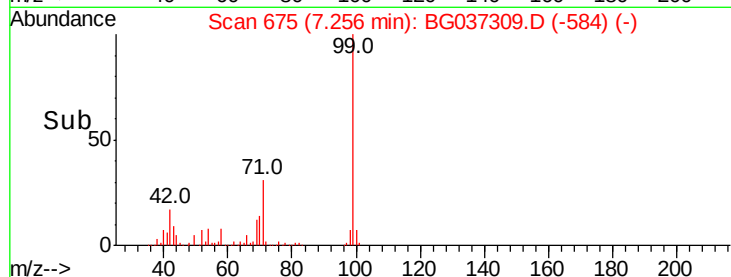
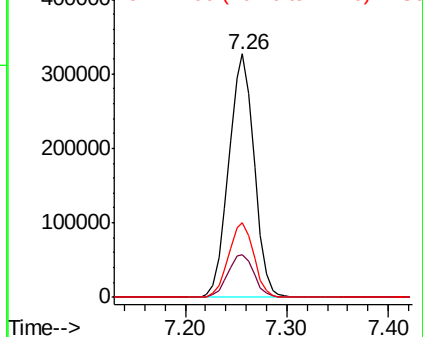
99 100

42 17.5 15.0 22.4

71 30.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BG037309.D

Acq: 13 Oct 2018 2:50

Tgt Ion: 136 Resp: 218433

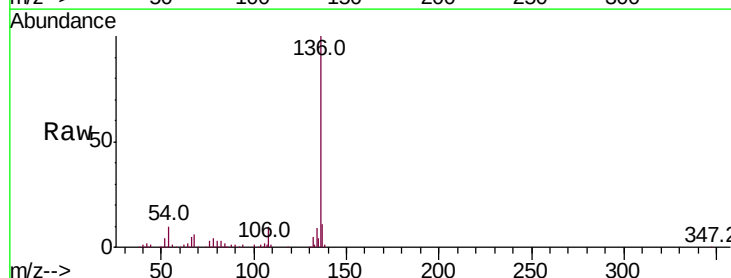
Ion Ratio Lower Upper

136 100

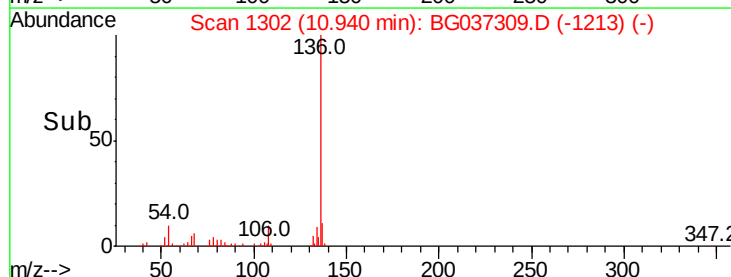
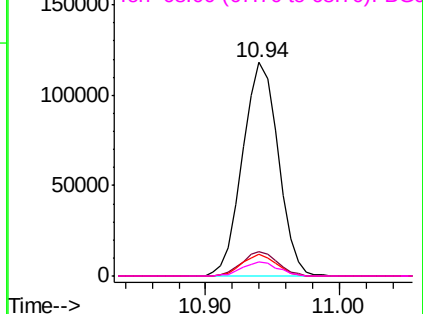
137 11.2 9.6 14.4

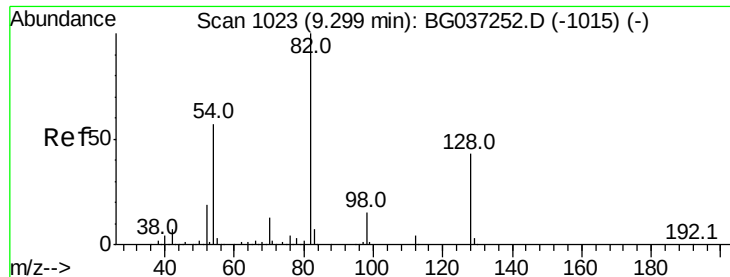
54 10.1 7.9 11.9

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

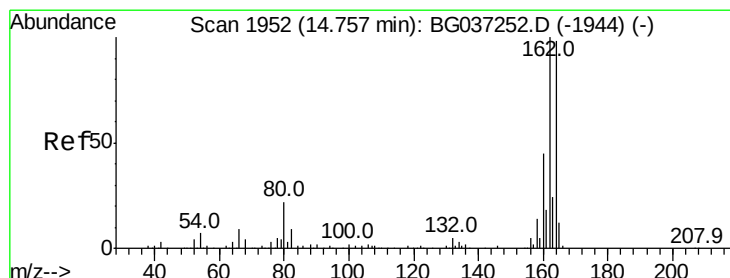
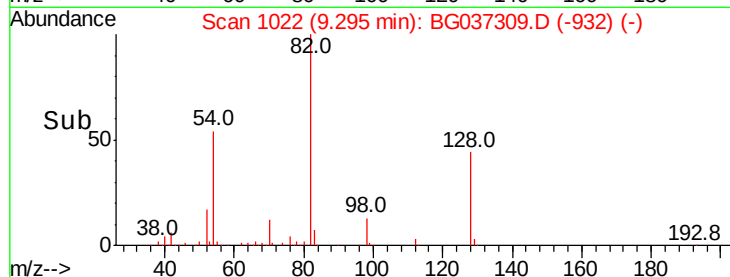
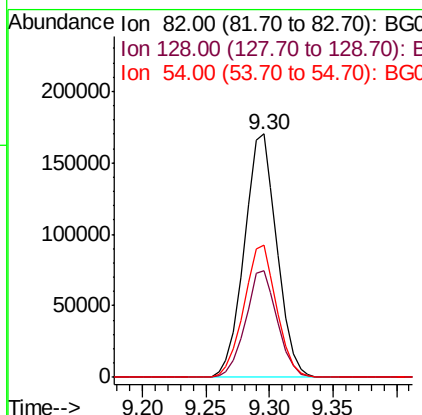
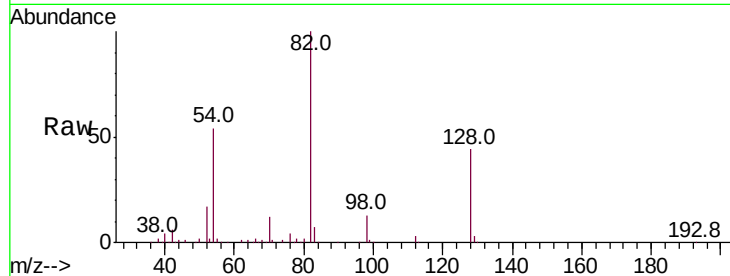




#23
Nitrobenzene-d5
Concen: 91.323 ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG037309.D
Acq: 13 Oct 2018 2:50

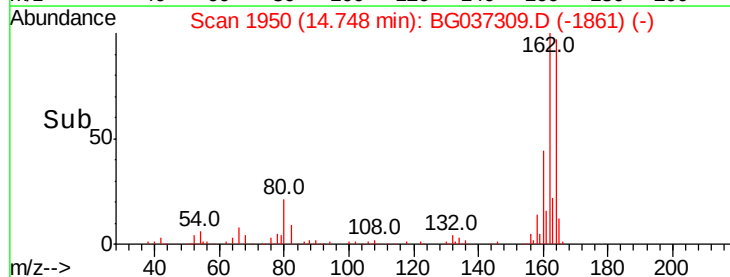
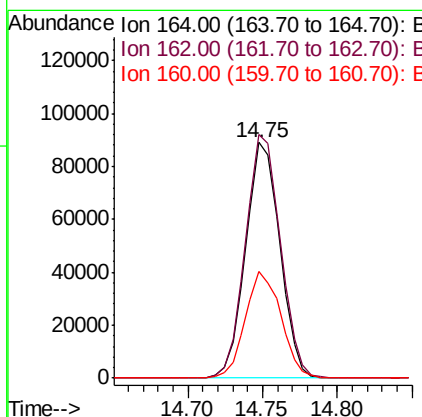
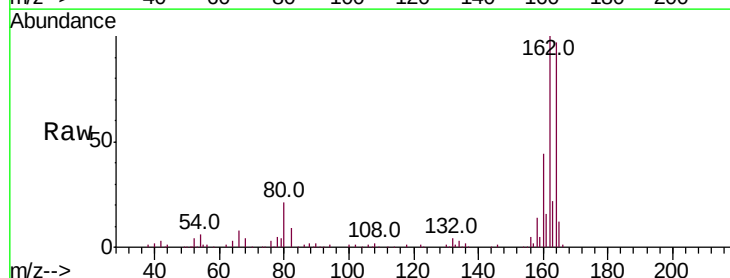
Instrument :
BNA_G
ClientSampleId :
PB113793TB

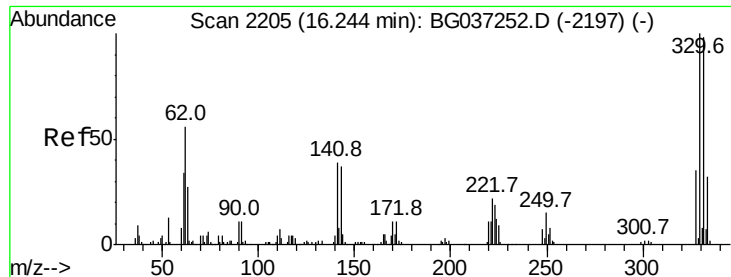
Tot Ion: 82 Resp: 303416
Ion Ratio Lower Upper
82 100
128 44.0 34.6 51.8
54 54.2 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037309.D
Acq: 13 Oct 2018 2:50

Tgt Ion: 164 Resp: 141174
Ion Ratio Lower Upper
164 100
162 103.3 81.3 121.9
160 45.2 36.3 54.5

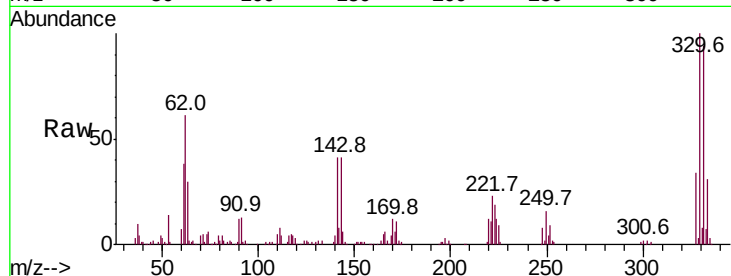




#42
 2,4,6-Tribromophenol
 Concen: 126.700 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BG037309.D
 Acq: 13 Oct 2018 2:50

Instrument :
 BNA_G
 ClientSampleId :
 PB113793TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.4	117.6
141	39.5	32.2	48.2

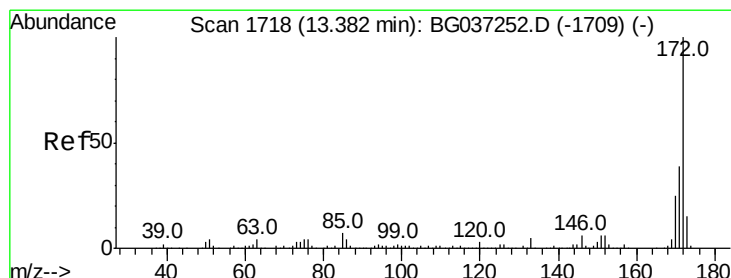
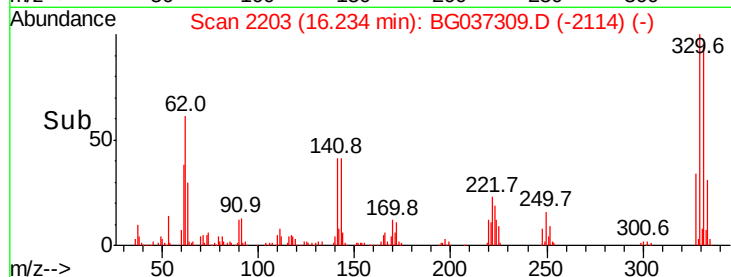
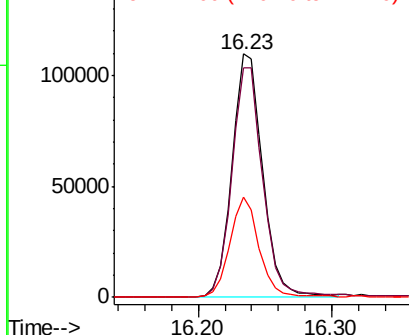


Abundance

Ion 329.80 (329.50 to 330.50): E

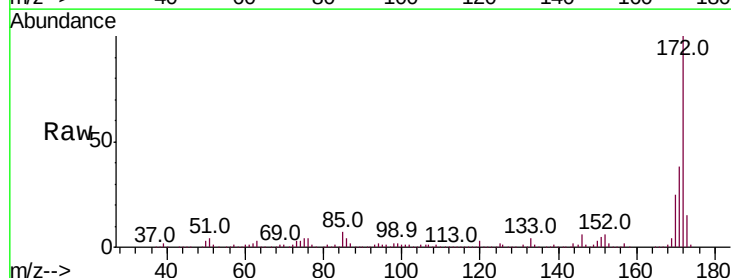
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 83.200 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG037309.D
 Acq: 13 Oct 2018 2:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.0	46.4
170	24.8	20.2	30.2

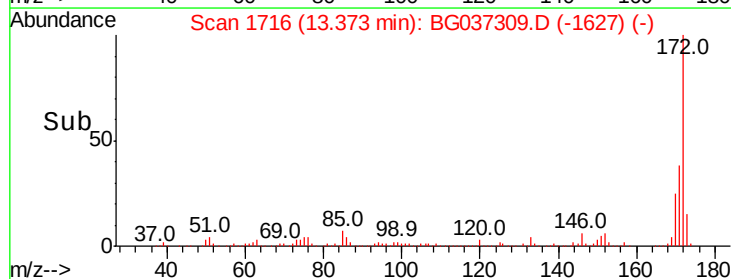
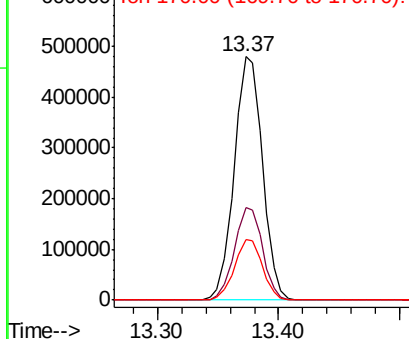


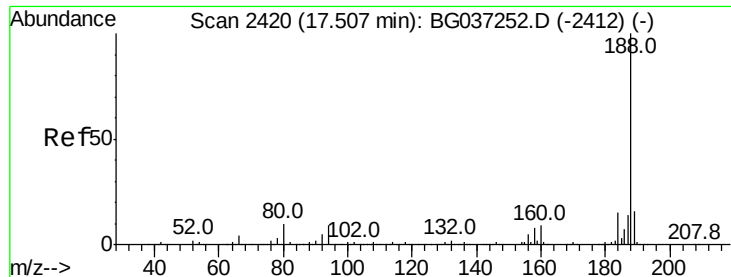
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG037309.D

Acq: 13 Oct 2018 2:50

Instrument :

BNA_G

ClientSampleId :

PB113793TB

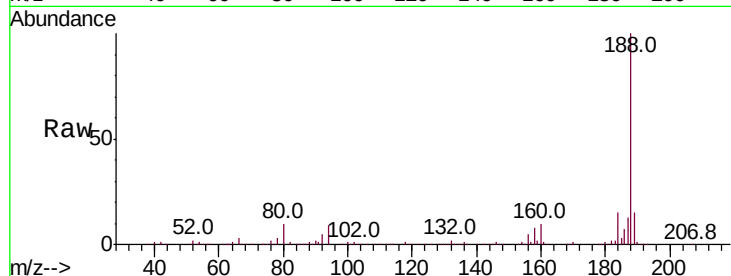
Tot Ion:188 Resp: 382828

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

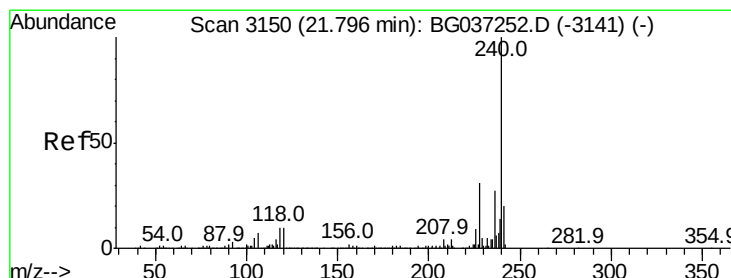
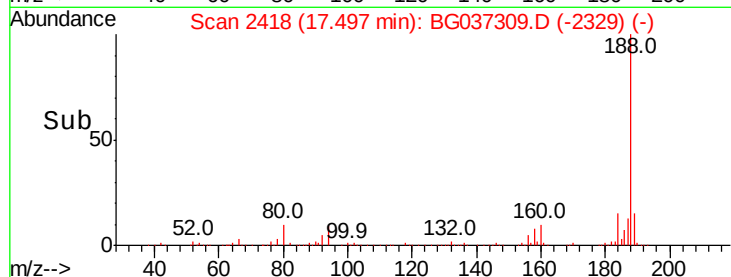
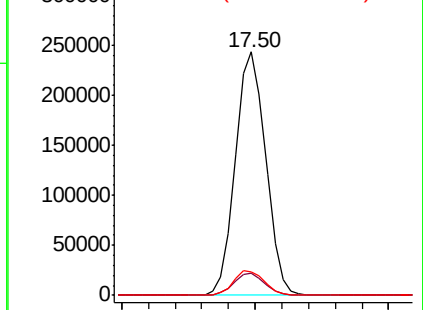
80 9.7 7.7 11.5



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: 21.78 min Scan# 3147

Delta R.T. -0.02 min

Lab File: BG037309.D

Acq: 13 Oct 2018 2:50

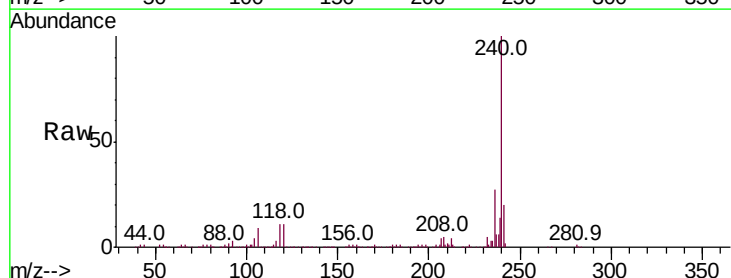
Tgt Ion:240 Resp: 386097

Ion Ratio Lower Upper

240 100

120 10.9 8.1 12.1

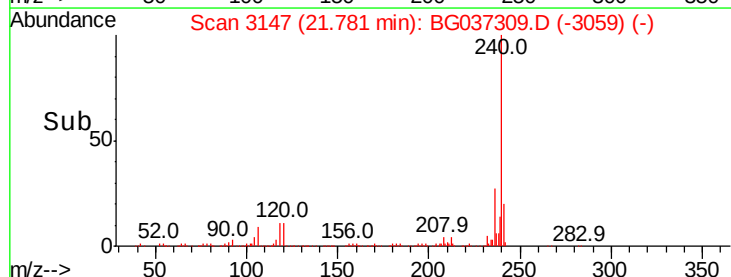
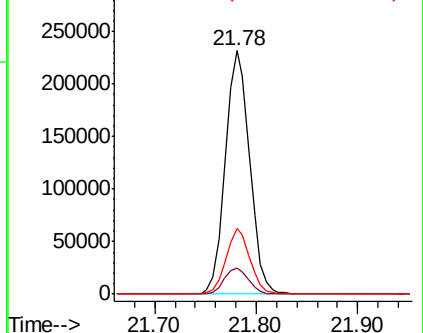
236 26.9 21.4 32.0

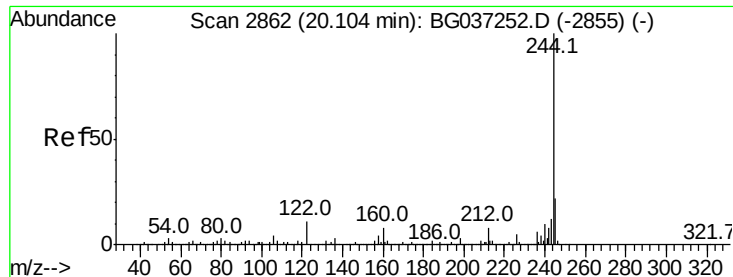


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 77.327 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG037309.D

Acq: 13 Oct 2018 2:50

Instrument :

BNA_G

ClientSampleId :

PB113793TB

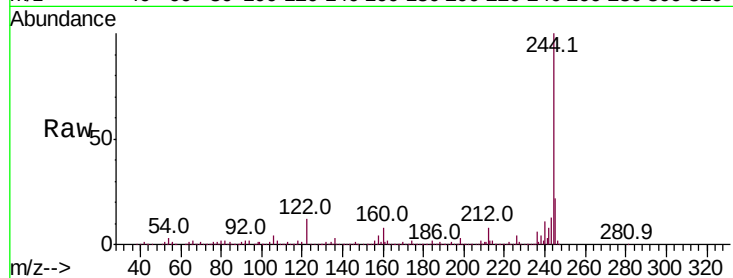
Tot Ion:244 Resp: 1421873

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

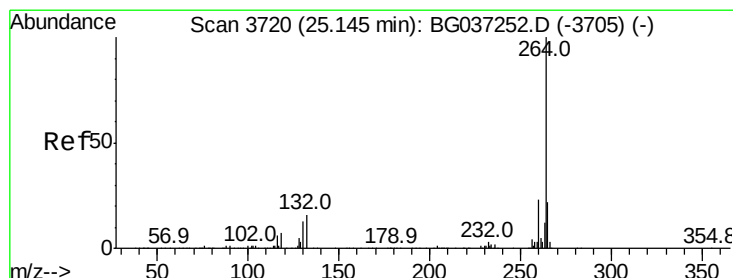
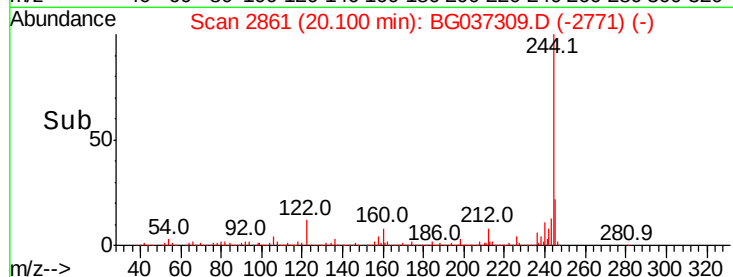
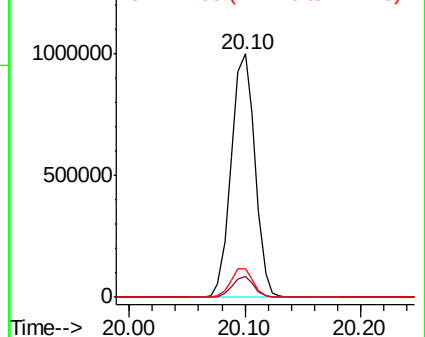
122 11.5 9.0 13.4



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: 25.12 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG037309.D

Acq: 13 Oct 2018 2:50

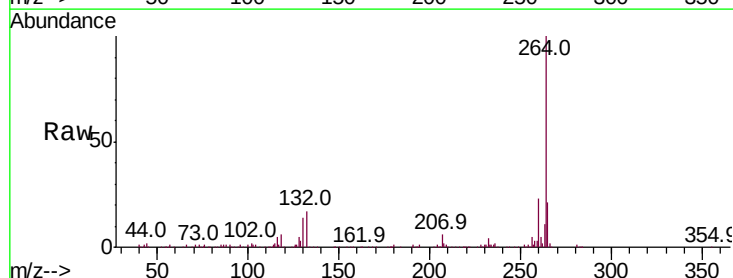
Tgt Ion:264 Resp: 381603

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 20.6 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

