

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101718\
 Data File : BG037394.D
 Acq On : 17 Oct 2018 17:31
 Operator : JU/SJ
 Sample : PB113913BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113913BL

Quant Time: Oct 18 12:24:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 15:19:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	67818	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	291287	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	204854	20.00	ng	-0.02
64) Phenanthrene-d10	17.49	188	528554	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	502096	20.00	ng	-0.02
87) Perylene-d12	25.11	264	508970	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	313324	81.31	ng	0.00
7) Phenol-d6	7.25	99	455953	77.95	ng	0.00
23) Nitrobenzene-d5	9.29	82	258301	58.30	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	169925	84.58	ng	-0.02
45) 2-Fluorobiphenyl	13.37	172	659767	48.37	ng	-0.02
79) Terphenyl-d14	20.09	244	1134364	47.44	ng	-0.02

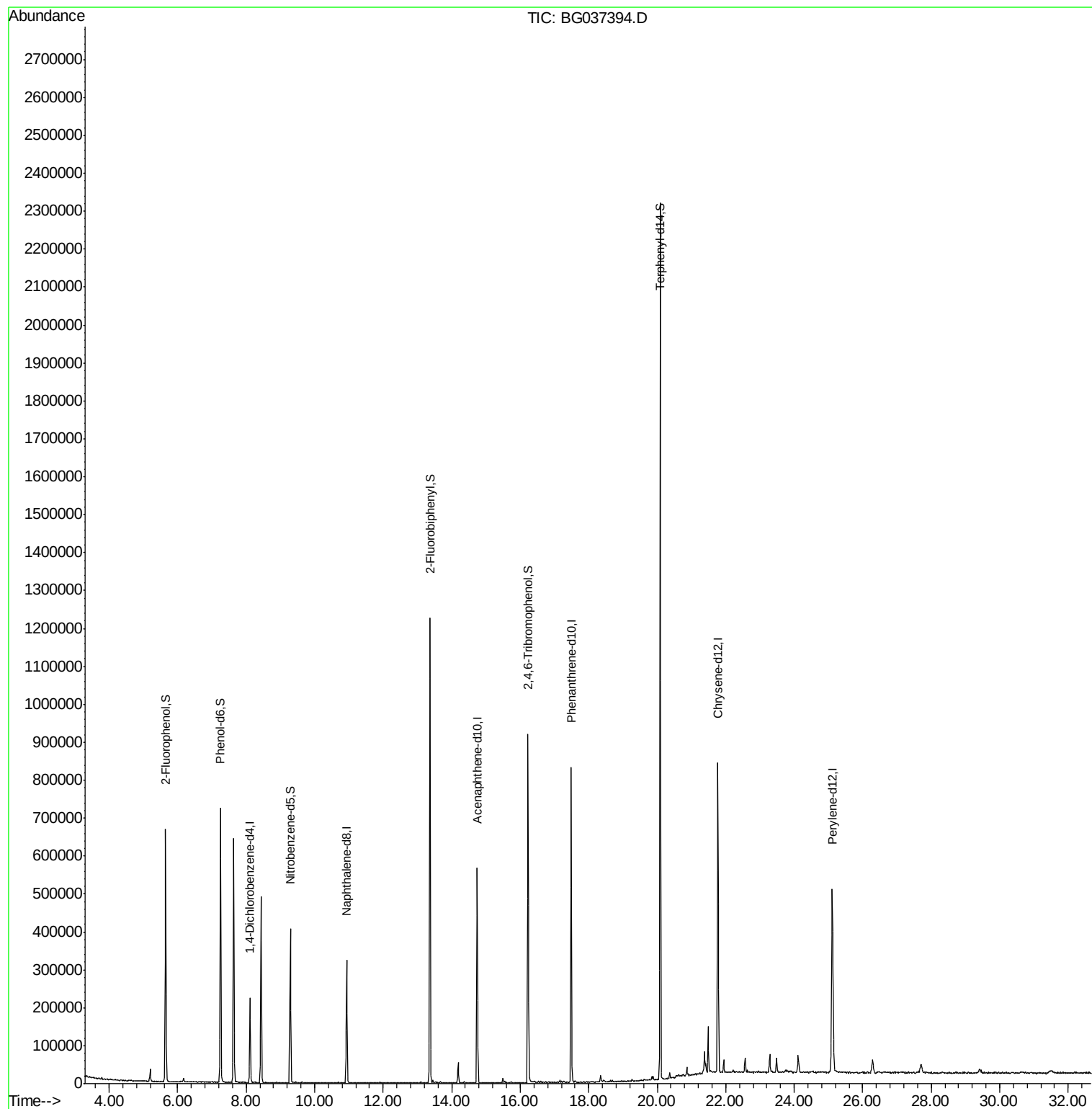
Target Compounds Qvalue

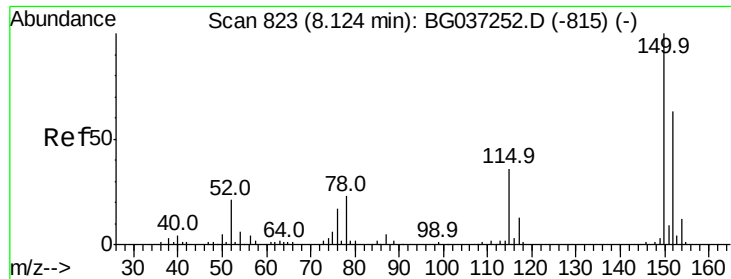
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101718\
Data File : BG037394.D
Acq On : 17 Oct 2018 17:31
Operator : JU/SJ
Sample : PB113913BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB113913BL

Quant Time: Oct 18 12:24:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 15:19:35 2018
Response via : Initial Calibration



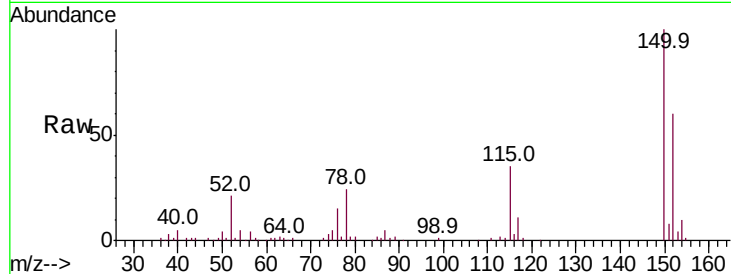


#1

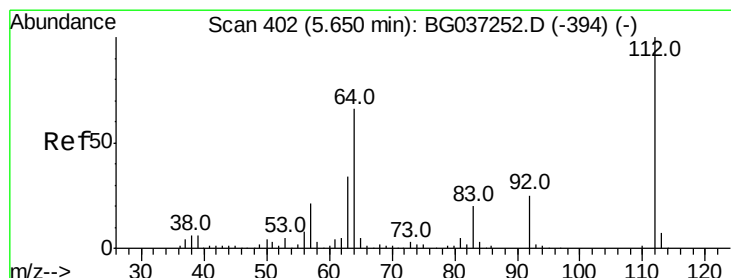
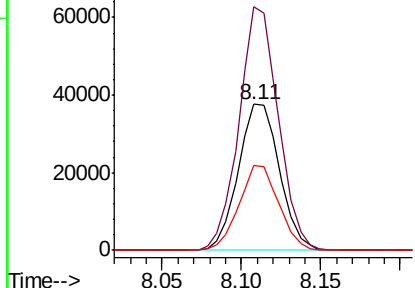
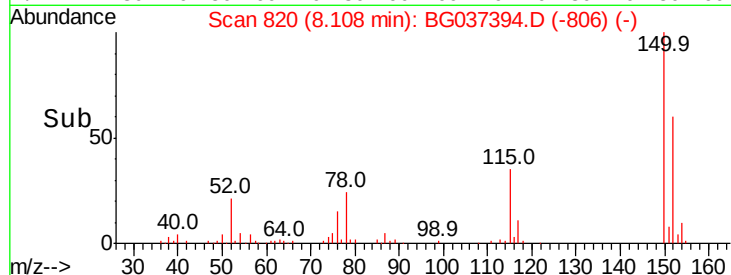
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.02 min
Lab File: BG037394.D
Acq: 17 Oct 2018 17:31

Instrument :
BNA_G
ClientSampleId :
PB113913BL

Tot Ion:152 Resp: 67818
Ion Ratio Lower Upper
152 100
150 166.6 126.0 189.0
115 57.9 45.5 68.3



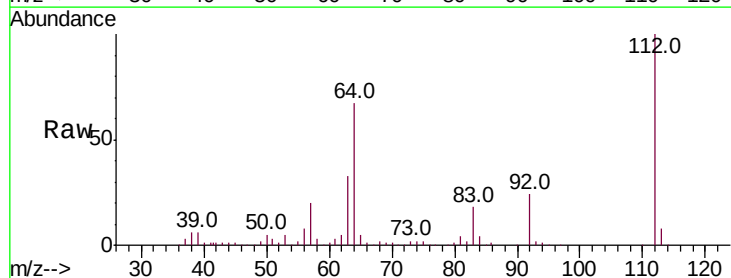
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



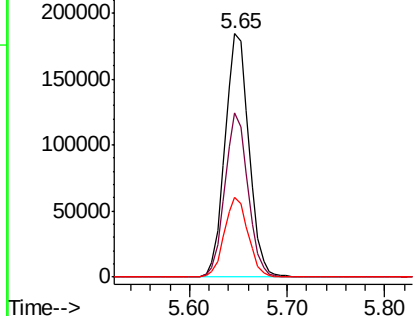
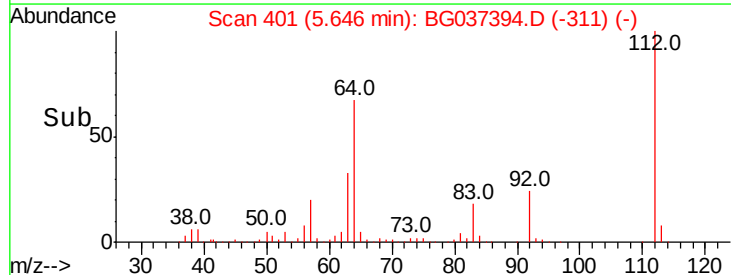
#5

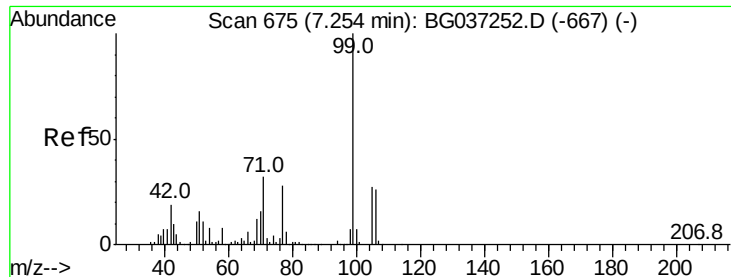
2-Fluorophenol
Concen: 81.309 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037394.D
Acq: 17 Oct 2018 17:31

Tgt Ion:112 Resp: 313324
Ion Ratio Lower Upper
112 100
64 67.3 53.1 79.7
63 32.8 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: 77.954 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037394.D

Acq: 17 Oct 2018 17:31

Instrument :

BNA_G

ClientSampleId :

PB113913BL

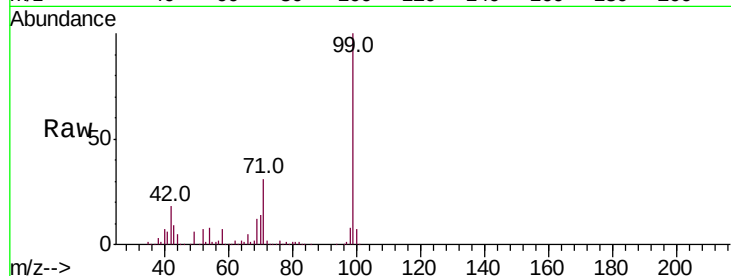
Tot Ion: 99 Resp: 455953

Ion Ratio Lower Upper

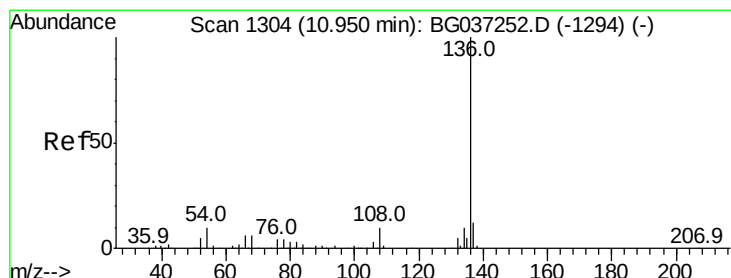
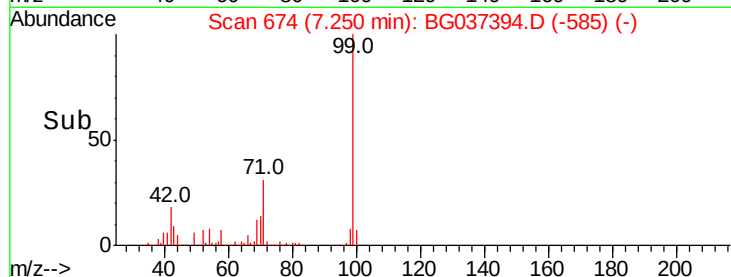
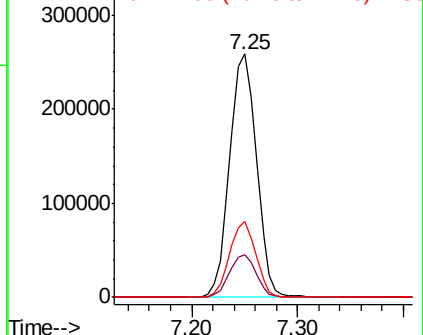
99 100

42 17.5 15.0 22.4

71 31.0 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: 10.93 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BG037394.D

Acq: 17 Oct 2018 17:31

Tgt Ion: 136 Resp: 291287

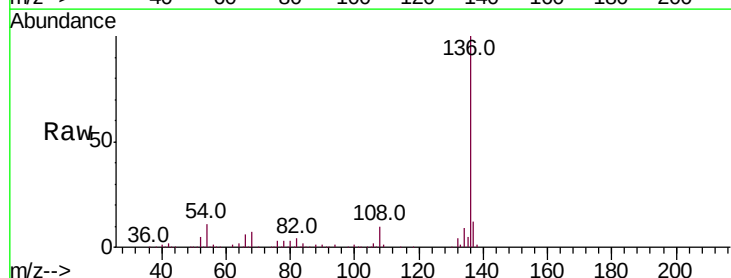
Ion Ratio Lower Upper

136 100

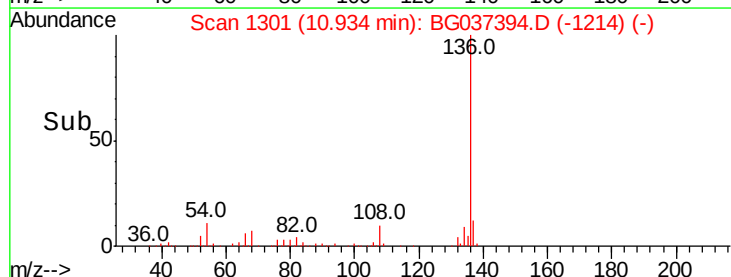
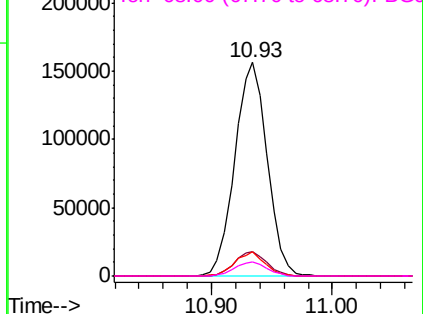
137 11.6 9.6 14.4

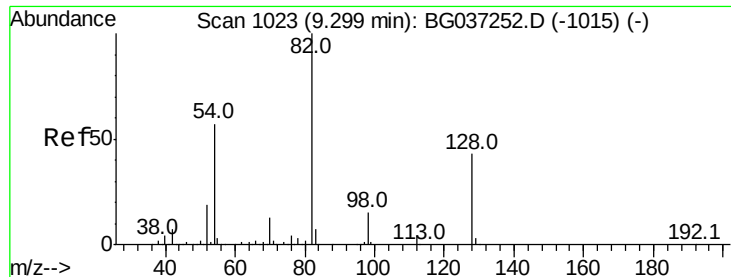
54 11.3 7.9 11.9

68 6.9 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

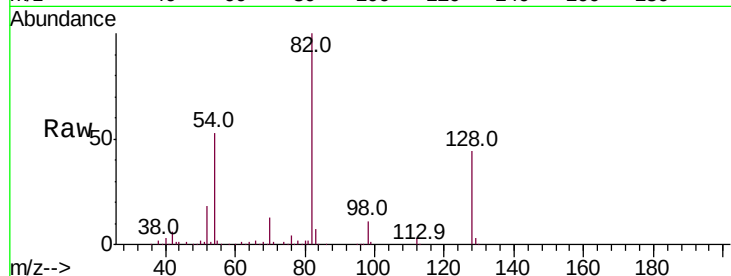




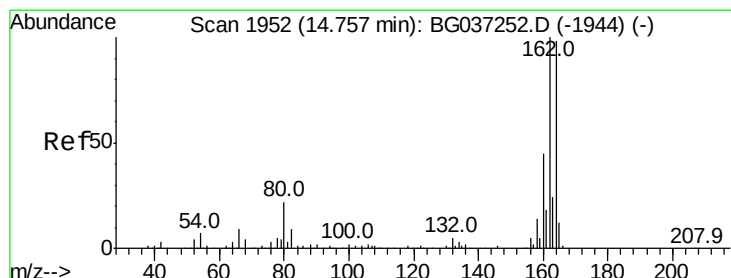
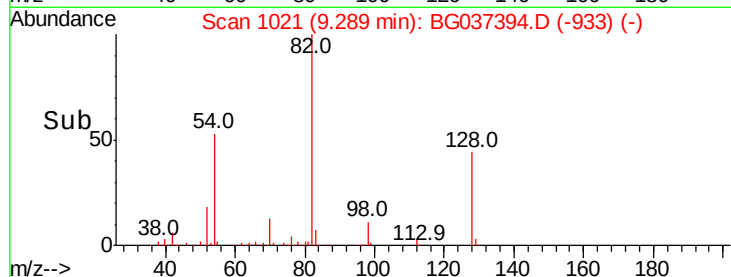
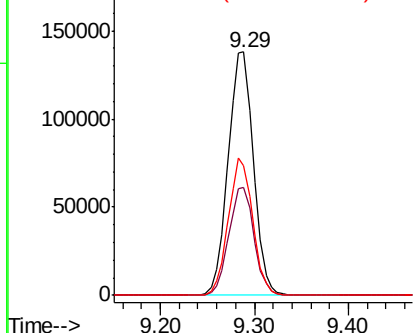
#23
 Nitrobenzene-d5
 Concen: 58.300 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG037394.D
 Acq: 17 Oct 2018 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB113913BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.6	51.8
54	53.3	45.3	67.9

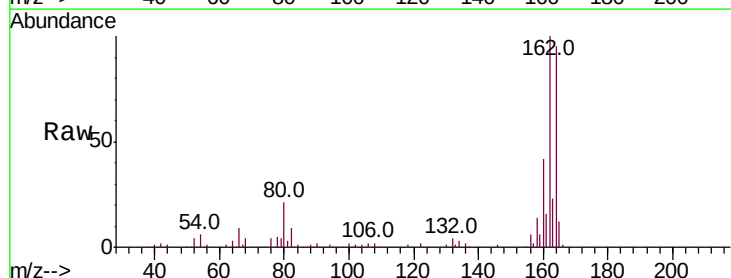


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

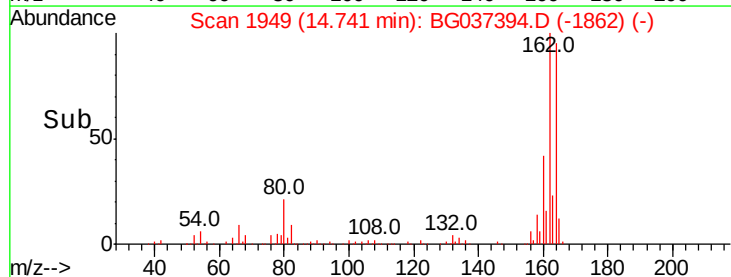
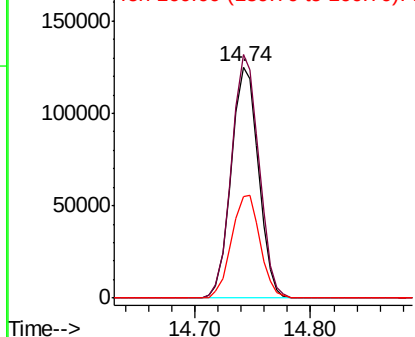


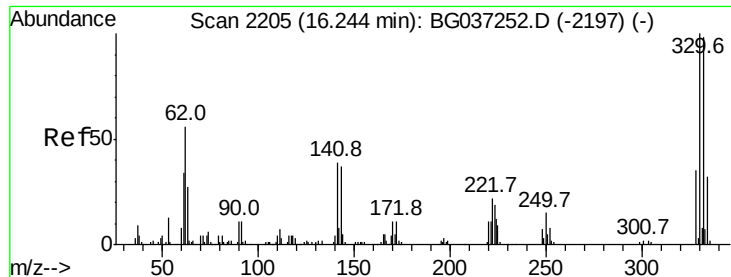
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BG037394.D
 Acq: 17 Oct 2018 17:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	81.3	121.9
160	44.1	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: 84.580 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BG037394.D

Acq: 17 Oct 2018 17:31

Instrument :

BNA_G

ClientSampled :

PB113913BL

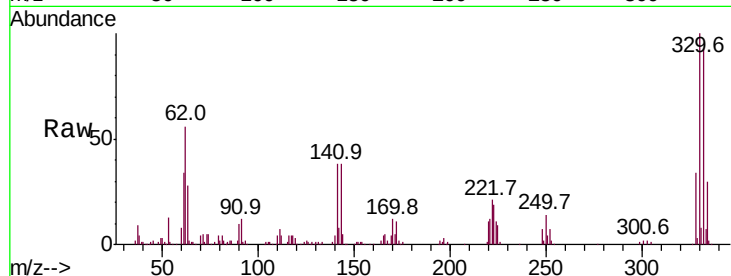
Tot Ion:330 Resp: 169925

Ion Ratio Lower Upper

330 100

332 96.2 78.4 117.6

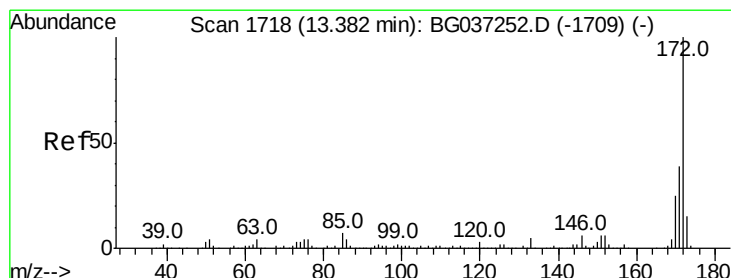
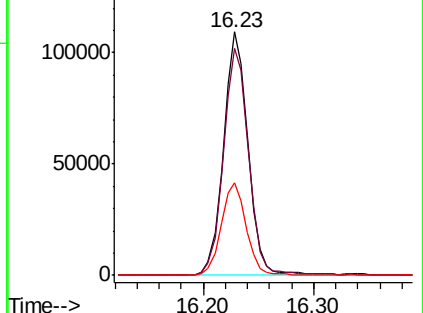
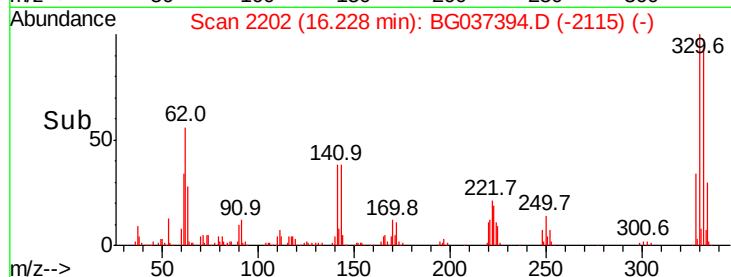
141 38.6 32.2 48.2



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: 48.367 ng

RT: 13.37 min Scan# 1715

Delta R.T. -0.02 min

Lab File: BG037394.D

Acq: 17 Oct 2018 17:31

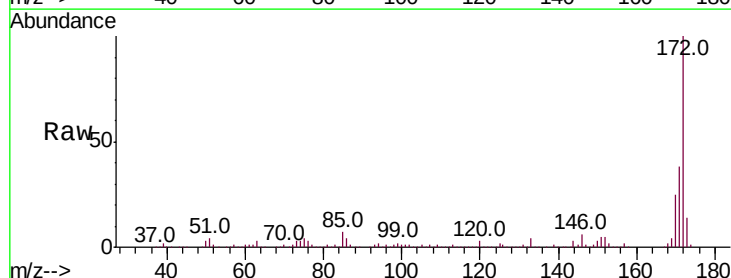
Tgt Ion:172 Resp: 659767

Ion Ratio Lower Upper

172 100

171 38.5 31.0 46.4

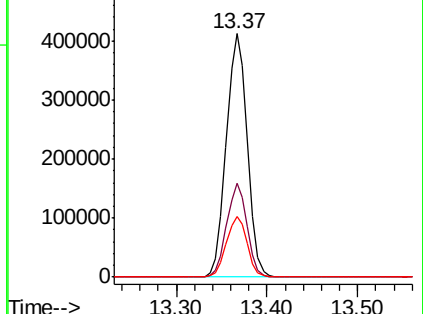
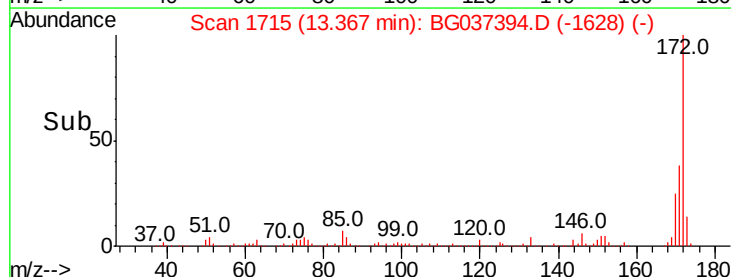
170 24.9 20.2 30.2

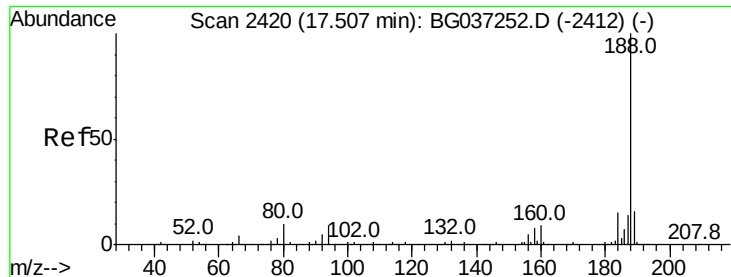


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG037394.D

Acq: 17 Oct 2018 17:31

Instrument :

BNA_G

ClientSampleId :

PB113913BL

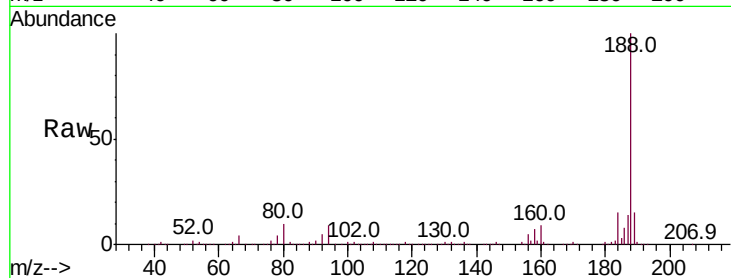
Tot Ion:188 Resp: 528554

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

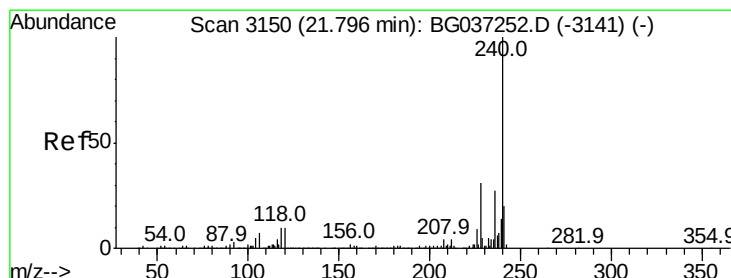
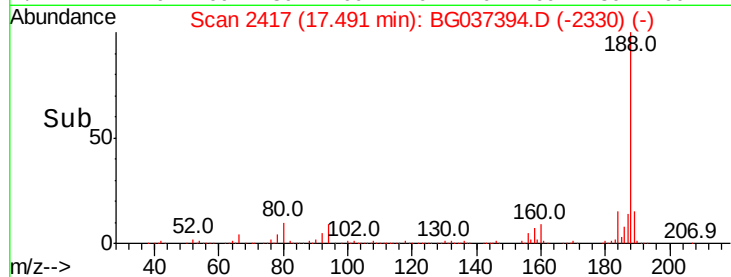
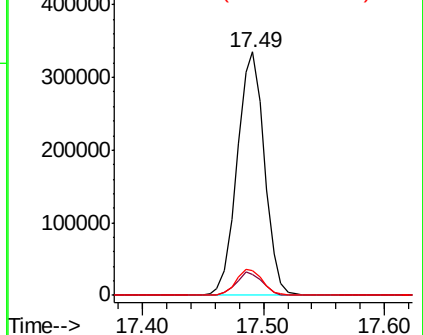
80 10.2 7.7 11.5



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: 21.77 min Scan# 3146

Delta R.T. -0.02 min

Lab File: BG037394.D

Acq: 17 Oct 2018 17:31

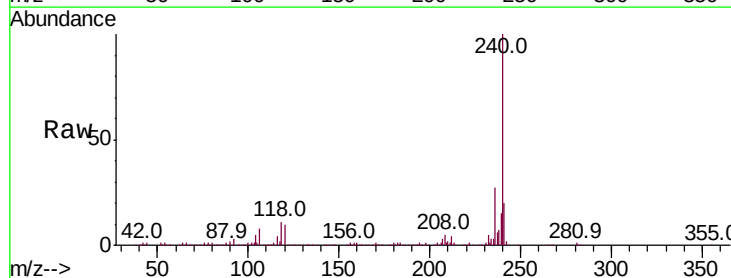
Tgt Ion:240 Resp: 502096

Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

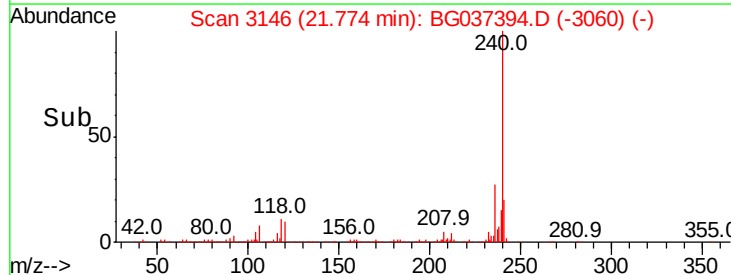
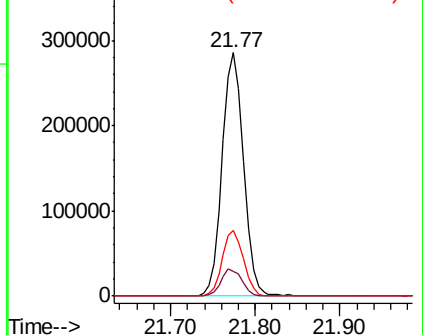
236 27.0 21.4 32.0

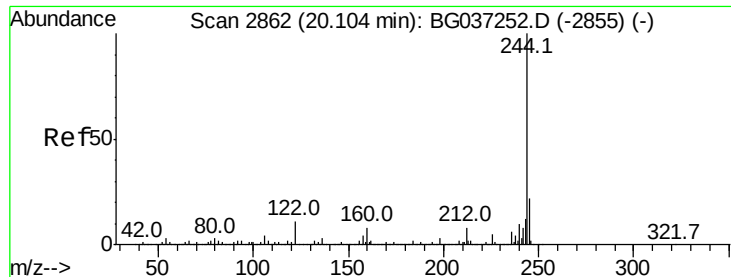


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



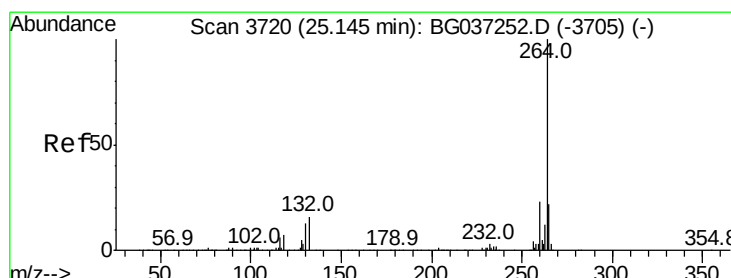
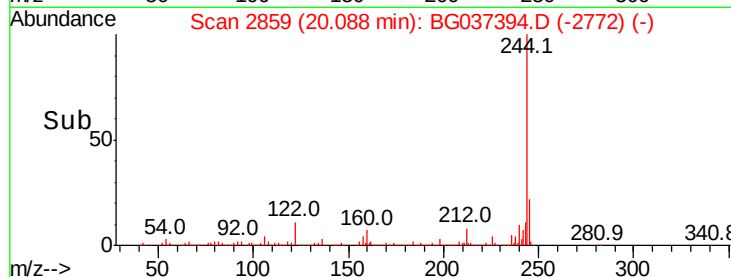
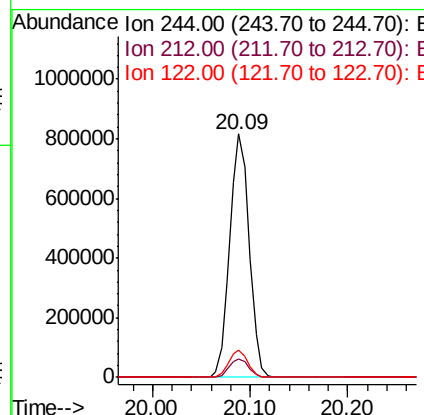
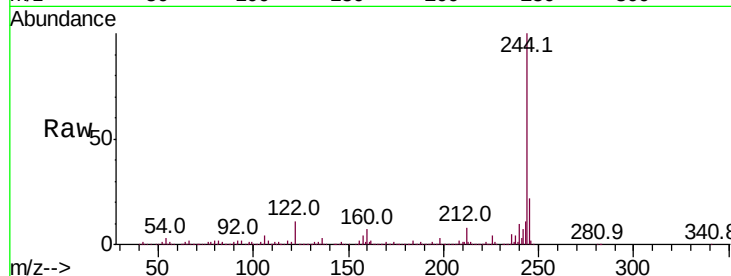


#79
 Terphenyl-d14
 Concen: 47.439 ng
 RT: 20.09 min Scan# 2859
 Delta R.T. -0.02 min
 Lab File: BG037394.D
 Acq: 17 Oct 2018 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB113913BL

Tot Ion:244 Resp: 1134364

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	11.1	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3714
 Delta R.T. -0.03 min
 Lab File: BG037394.D
 Acq: 17 Oct 2018 17:31

Tgt Ion:264 Resp: 508970

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.2	27.4
265	22.3	17.9	26.9

