

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
 Data File : BG037308.D
 Acq On : 13 Oct 2018 2:11
 Operator : JU/SJ
 Sample : PB113793BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113793BL

Quant Time: Oct 13 04:26:06 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	53774	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	226392	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	153590	20.00	ng	-0.01
64) Phenanthrene-d10	17.50	188	407789	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	410147	20.00	ng	-0.02
87) Perylene-d12	25.12	264	403135	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	424138	138.81	ng	0.00
7) Phenol-d6	7.26	99	594537	128.19	ng	0.00
23) Nitrobenzene-d5	9.29	82	322220	93.57	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	195109	129.53	ng	-0.01
45) 2-Fluorobiphenyl	13.38	172	819008	80.08	ng	0.00
79) Terphenyl-d14	20.10	244	1492707	76.42	ng	0.00

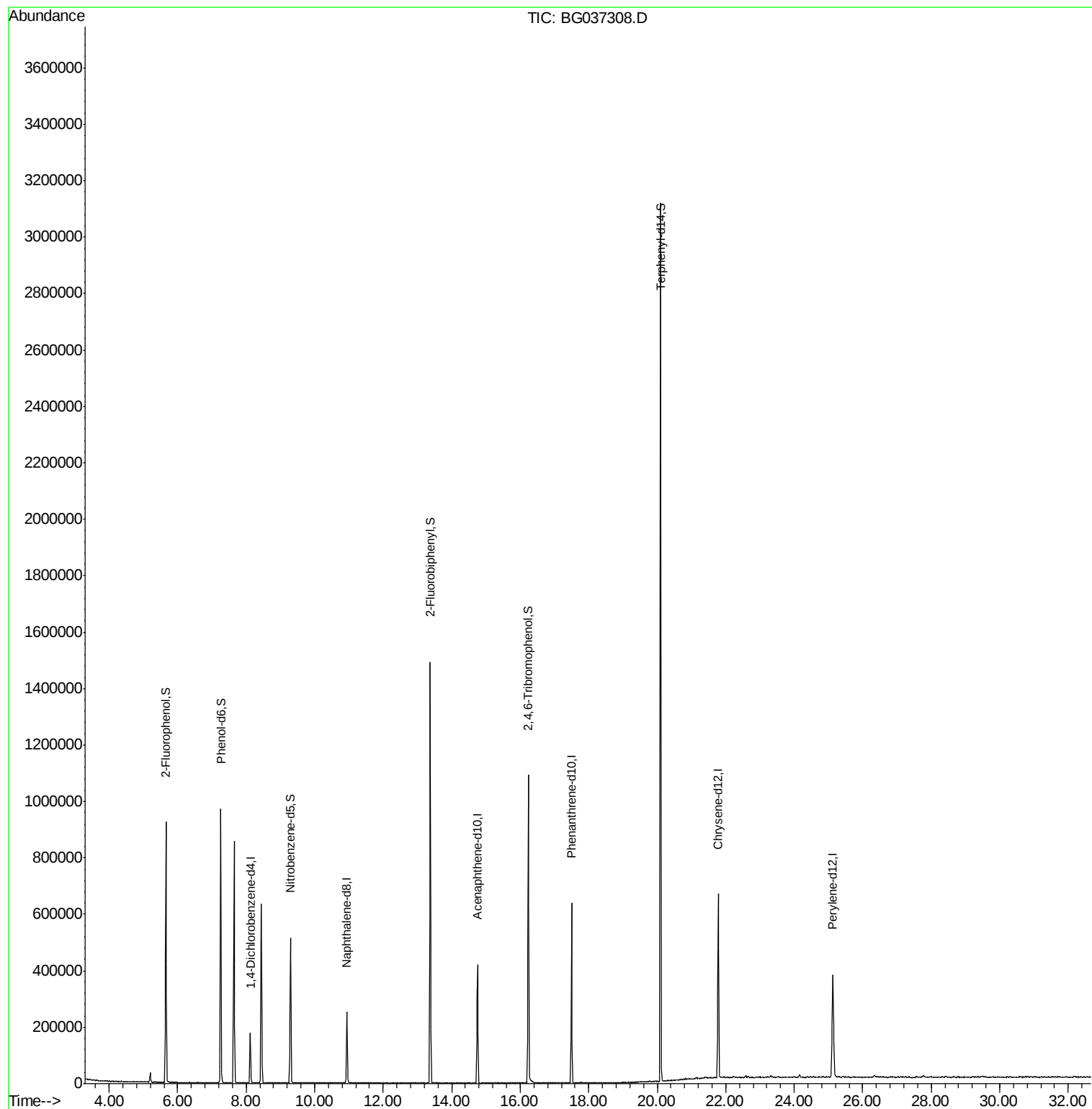
Target Compounds Qvalue

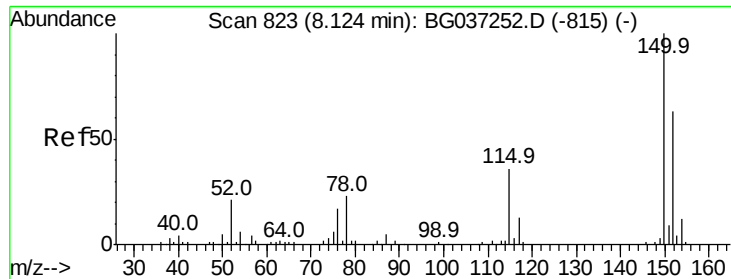
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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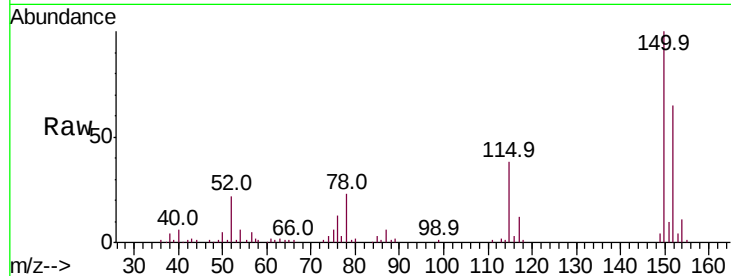


#1

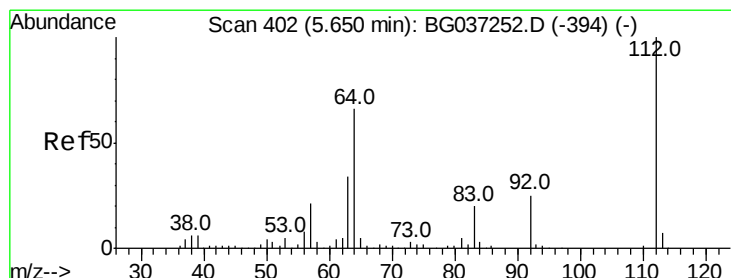
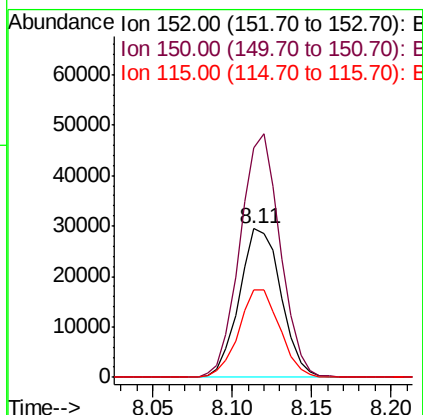
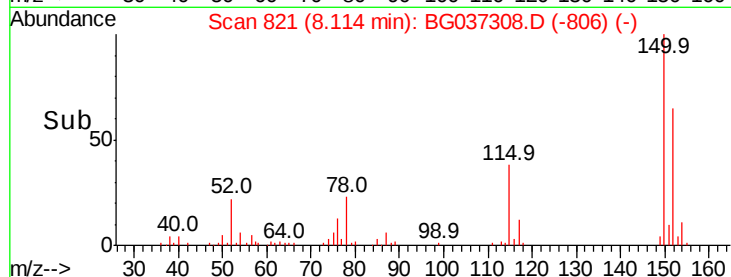
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG037308.D
 Acq: 13 Oct 2018 2:11

Instrument :
 BNA_G
 ClientSampleId :
 PB113793BL

Tot Ion:152 Resp: 53774
 Ion Ratio Lower Upper
 152 100
 150 154.7 126.0 189.0
 115 59.1 45.5 68.3



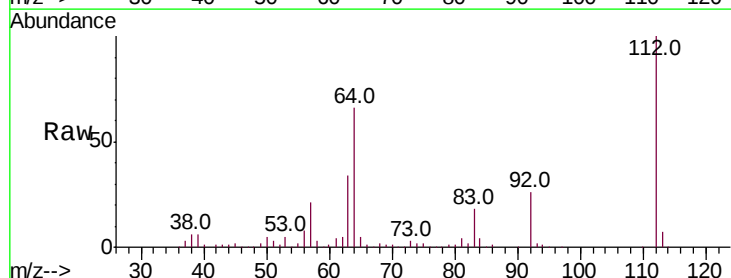
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



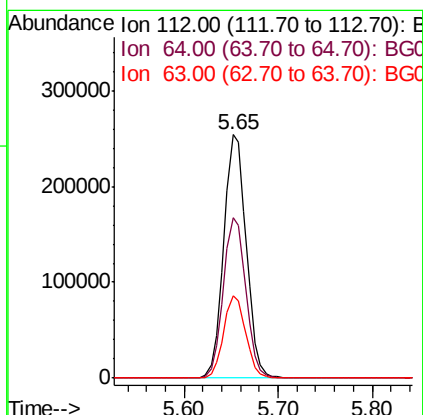
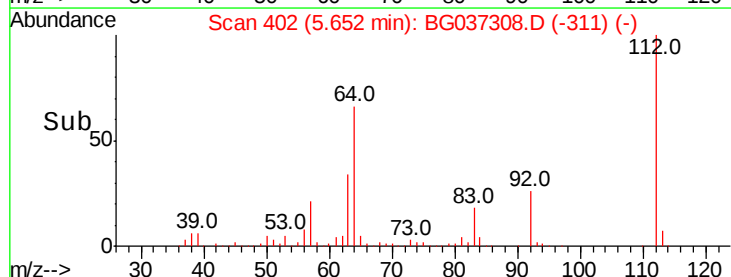
#5

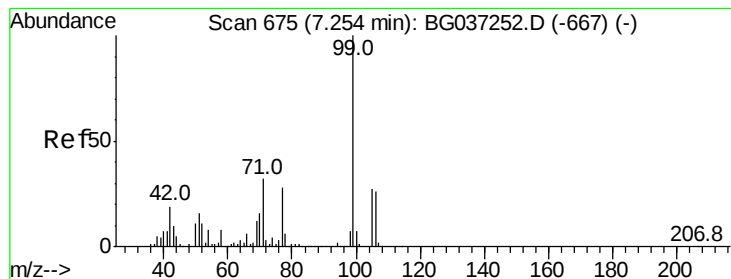
2-Fluorophenol
 Concen: 138.811 ng
 RT: 5.65 min Scan# 402
 Delta R.T. 0.00 min
 Lab File: BG037308.D
 Acq: 13 Oct 2018 2:11

Tgt Ion:112 Resp: 424138
 Ion Ratio Lower Upper
 112 100
 64 66.0 53.1 79.7
 63 33.9 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: 128.195 ng

RT: 7.26 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037308.D

Acq: 13 Oct 2018 2:11

Instrument :

BNA_G

ClientSampleId :

PB113793BL

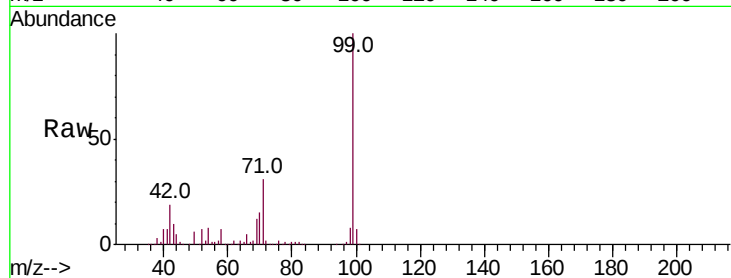
Tot Ion: 99 Resp: 594537

Ion Ratio Lower Upper

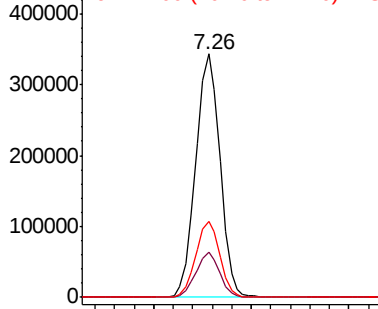
99 100

42 18.8 15.0 22.4

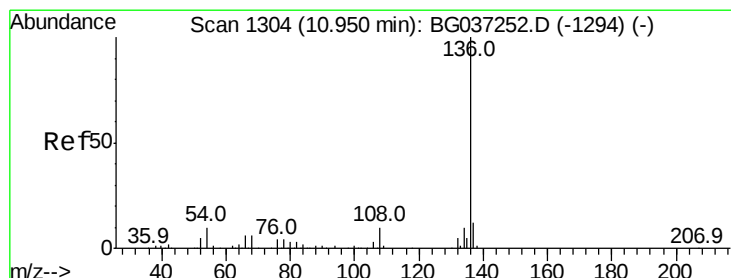
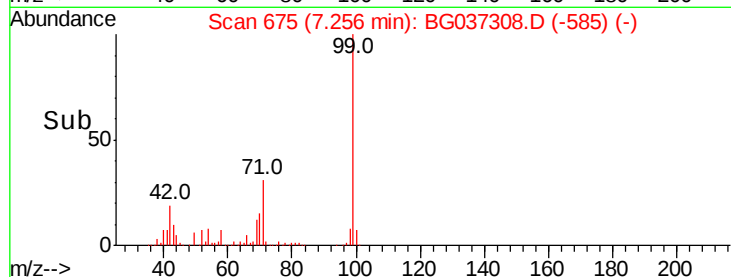
71 31.4 25.5 38.3



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# 1302

Delta R.T. -0.01 min

Lab File: BG037308.D

Acq: 13 Oct 2018 2:11

Tgt Ion: 136 Resp: 226392

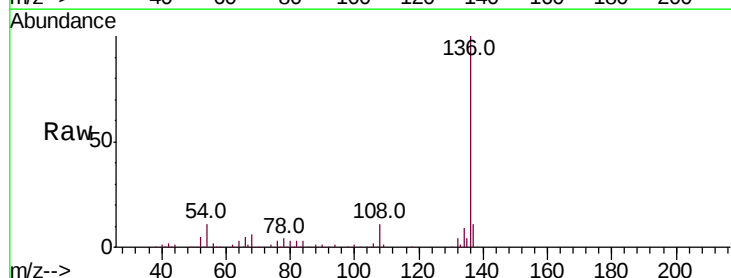
Ion Ratio Lower Upper

136 100

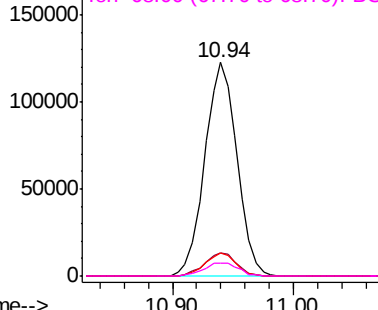
137 10.6 9.6 14.4

54 10.5 7.9 11.9

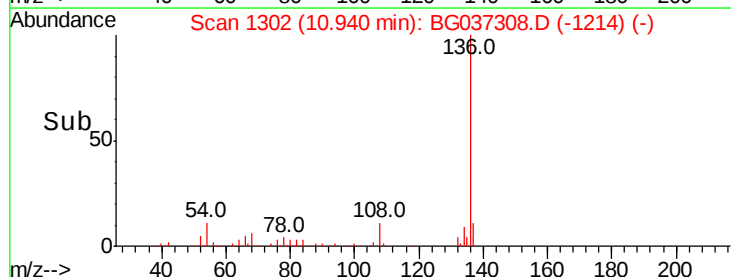
68 6.1 4.8 7.2

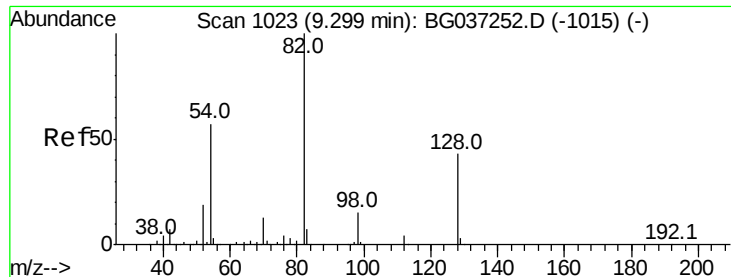


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

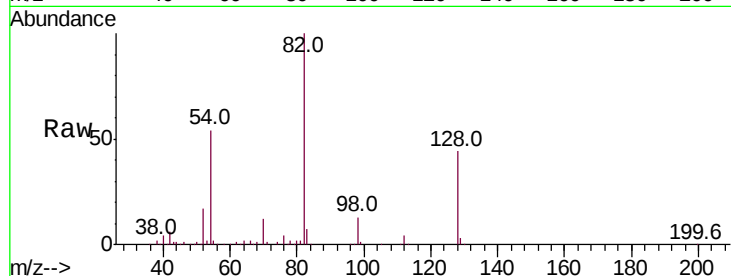




#23
Nitrobenzene-d5
Concen: 93.574 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG037308.D
Acq: 13 Oct 2018 2:11

Instrument :
BNA_G
ClientSampleId :
PB113793BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.6	51.8
54	53.8	45.3	67.9

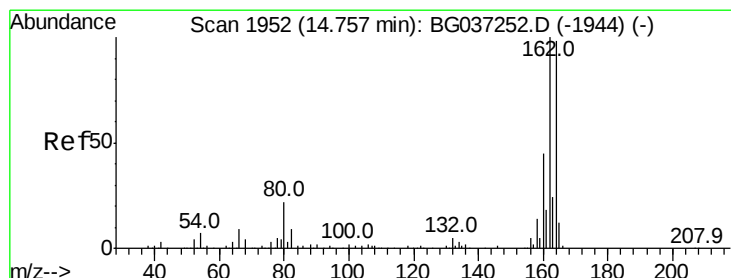
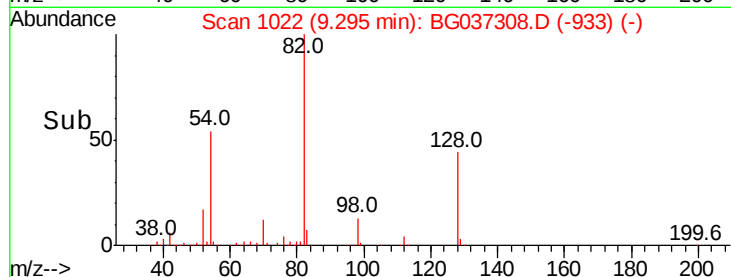
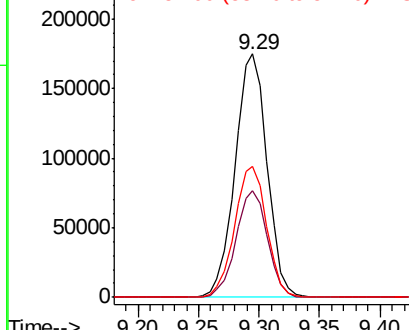


Abundance

Ion 82.00 (81.70 to 82.70): BGC

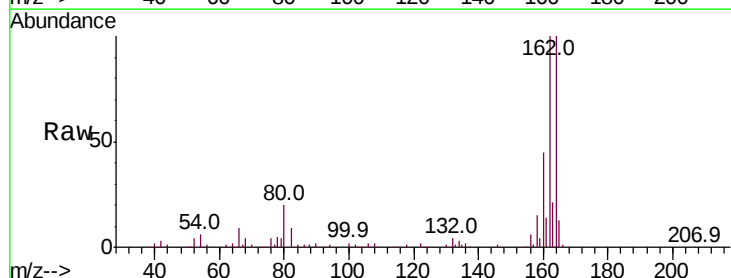
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037308.D
Acq: 13 Oct 2018 2:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.3	121.9
160	44.8	36.3	54.5

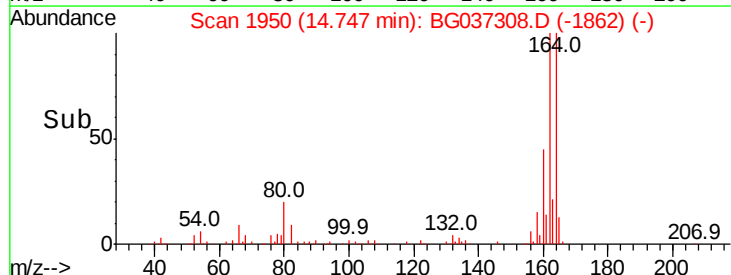
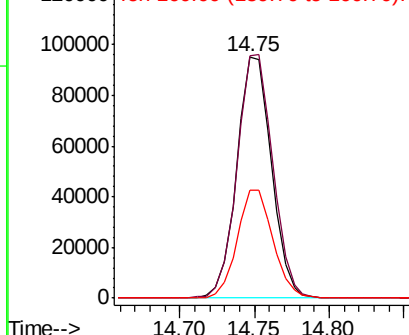


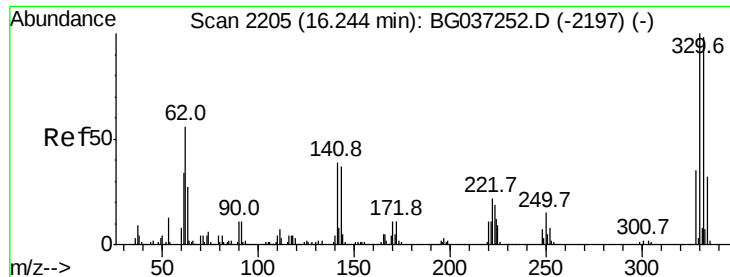
Abundance

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

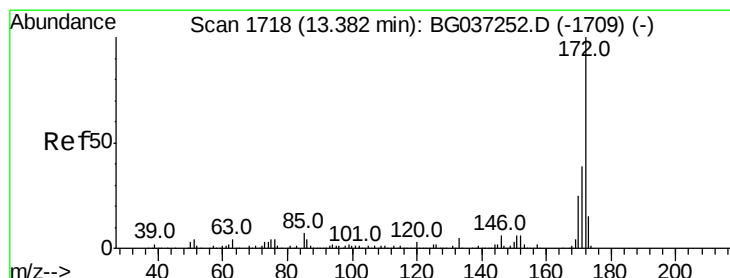
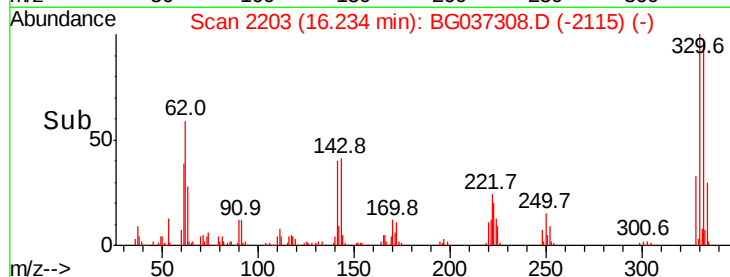
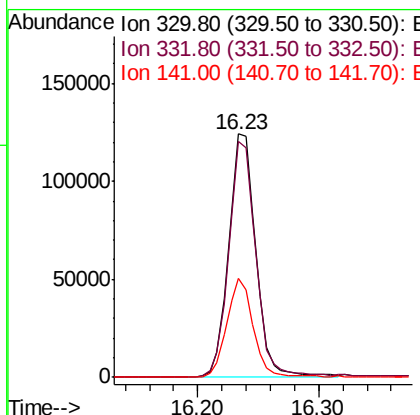
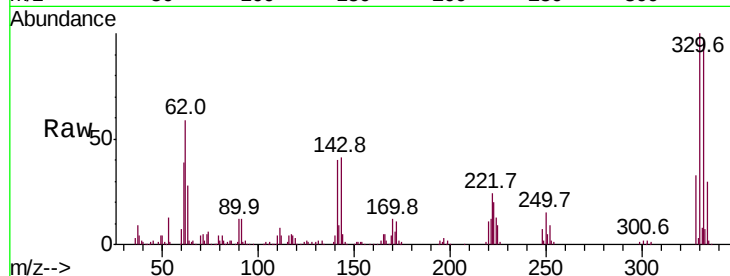




#42
 2,4,6-Tribromophenol
 Concen: 129.530 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BG037308.D
 Acq: 13 Oct 2018 2:11

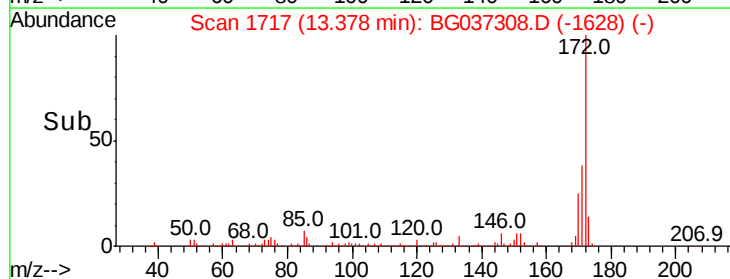
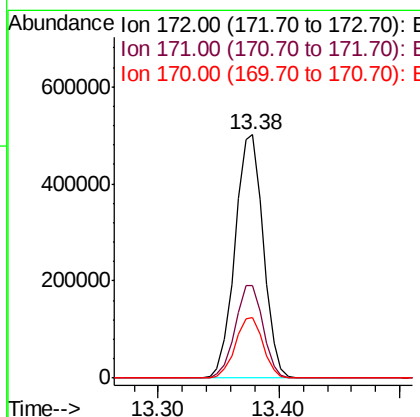
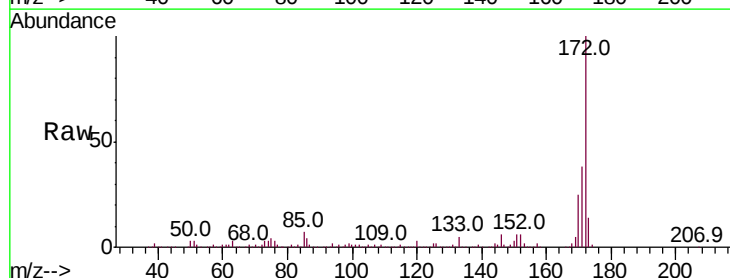
Instrument :
 BNA_G
 ClientSampleId :
 PB113793BL

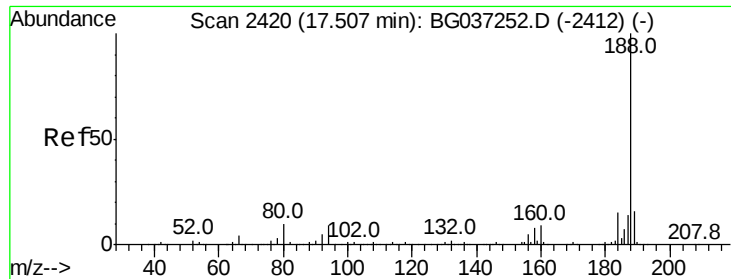
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	78.4	117.6
141	39.3	32.2	48.2



#45
 2-Fluorobiphenyl
 Concen: 80.081 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG037308.D
 Acq: 13 Oct 2018 2:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.0	46.4
170	24.9	20.2	30.2

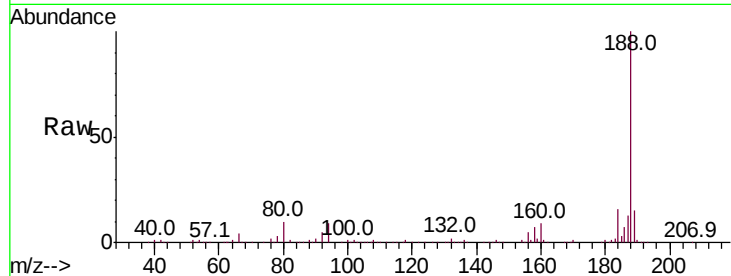




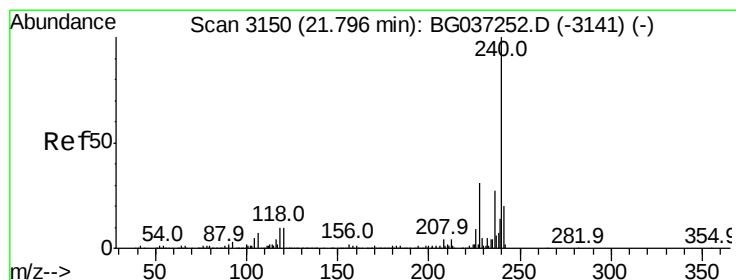
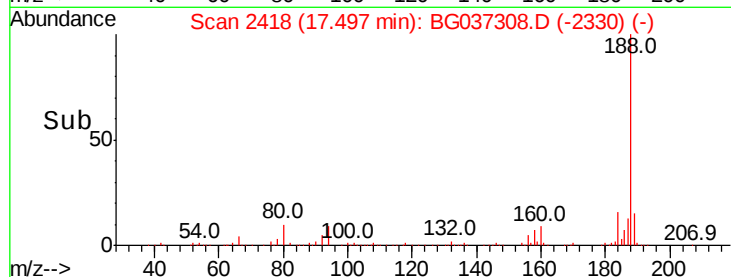
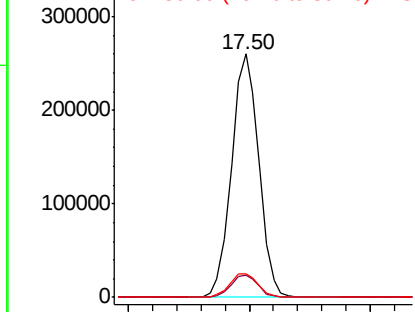
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG037308.D
Acq: 13 Oct 2018 2:11

Instrument :
BNA_G
ClientSampleId :
PB113793BL

Tot Ion:188 Resp: 407789
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 9.6 7.7 11.5

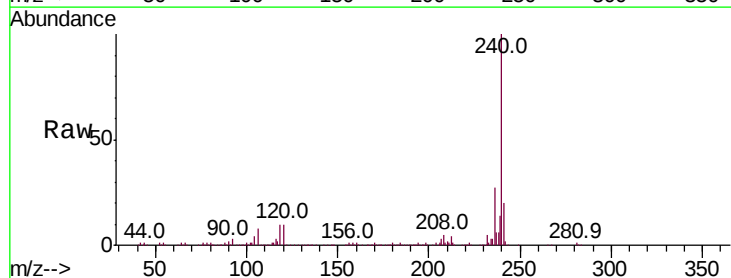


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

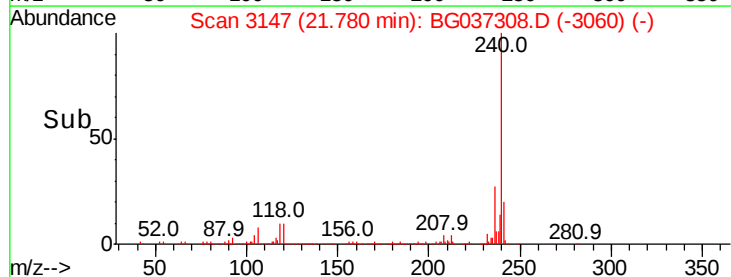
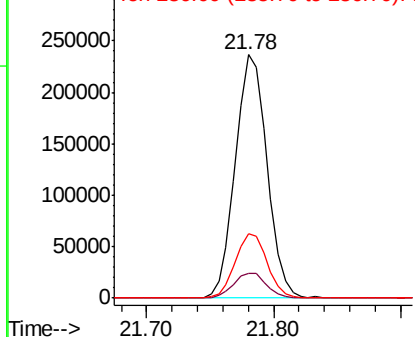


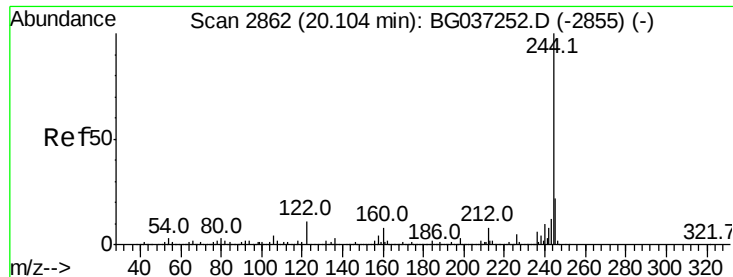
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.02 min
Lab File: BG037308.D
Acq: 13 Oct 2018 2:11

Tgt Ion:240 Resp: 410147
Ion Ratio Lower Upper
240 100
120 10.1 8.1 12.1
236 26.5 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: 76.419 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG037308.D

Acq: 13 Oct 2018 2:11

Instrument :

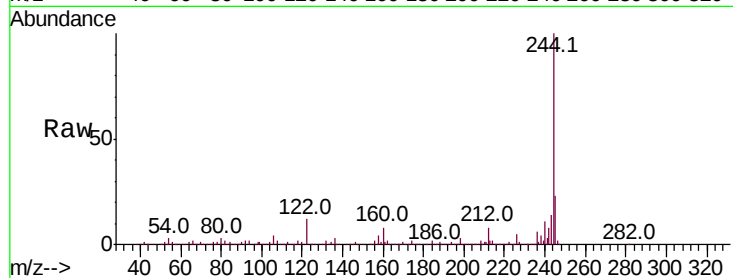
BNA_G

ClientSampled :

PB113793BL

Tot Ion:244 Resp: 1492707

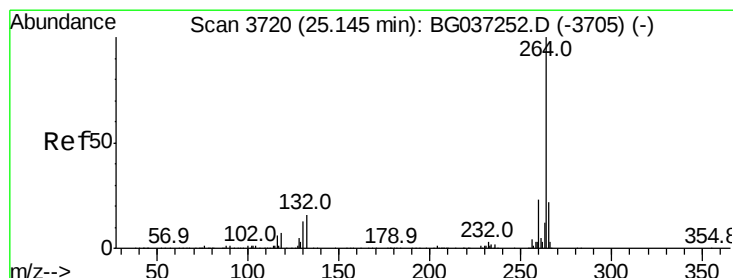
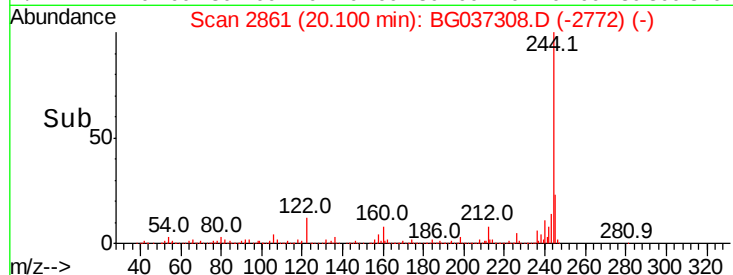
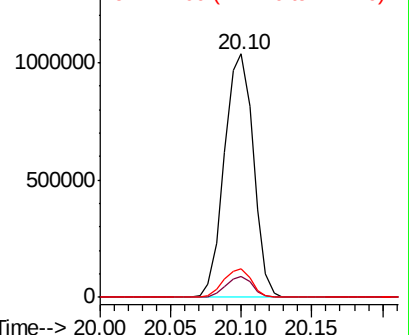
Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	11.7	9.0	13.4



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

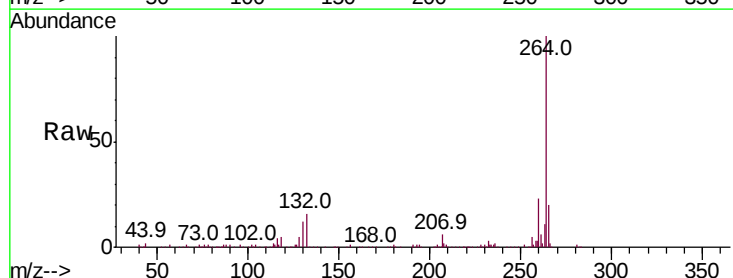
Delta R.T. -0.02 min

Lab File: BG037308.D

Acq: 13 Oct 2018 2:11

Tgt Ion:264 Resp: 403135

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	20.4	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

