

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
 Data File : BG037372.D
 Acq On : 16 Oct 2018 23:21
 Operator : JU/SJ
 Sample : PB113872BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113872BL

Quant Time: Oct 17 02:46:41 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	66111	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	283682	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	198614	20.00	ng	-0.02
64) Phenanthrene-d10	17.49	188	512140	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	484940	20.00	ng	-0.02
87) Perylene-d12	25.12	264	483340	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	499952	133.09	ng	0.00
7) Phenol-d6	7.25	99	717901	125.91	ng	0.00
23) Nitrobenzene-d5	9.29	82	398285	92.30	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	264358	135.72	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1015669	76.80	ng	0.00
79) Terphenyl-d14	20.09	244	1670776	72.34	ng	0.00

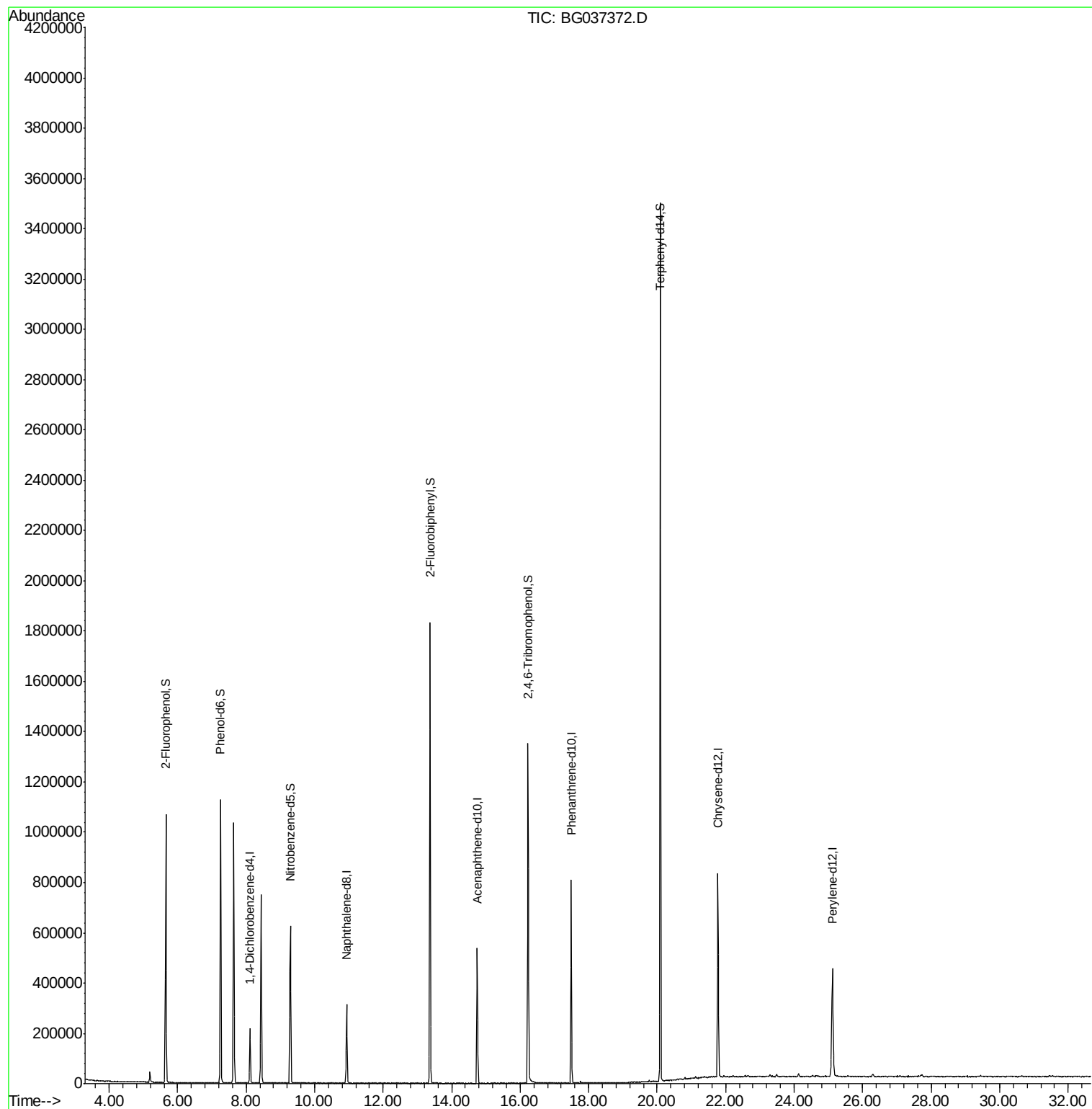
Target Compounds Qvalue

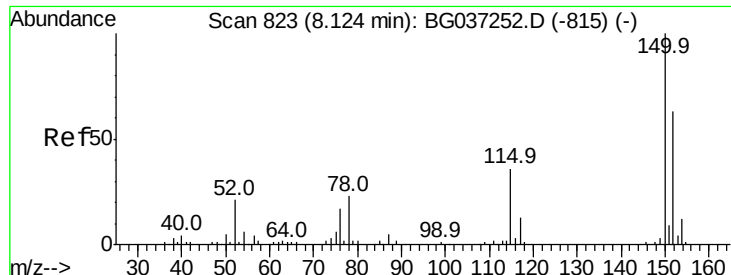
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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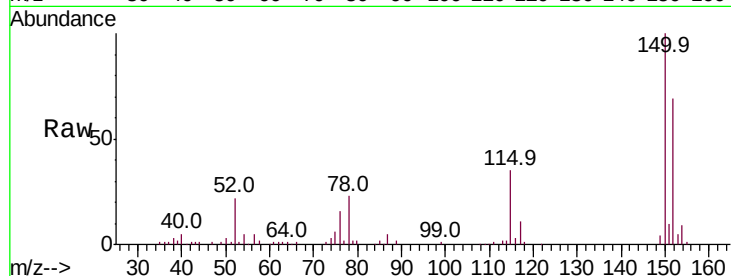


#1

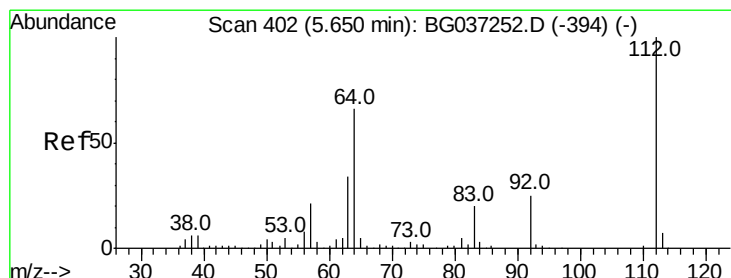
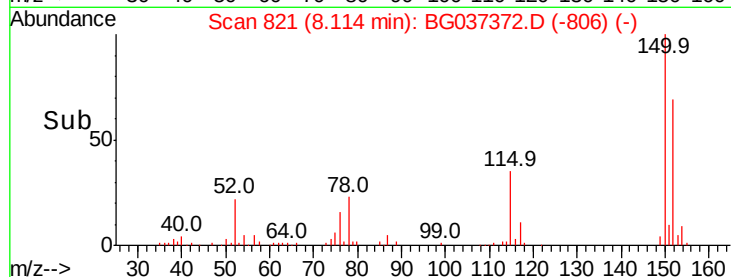
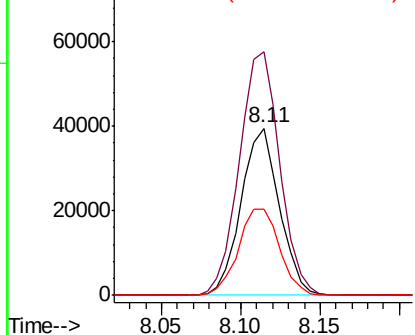
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037372.D
Acq: 16 Oct 2018 23:21

Instrument :
BNA_G
ClientSampleId :
PB113872BL

Tot Ion:152 Resp: 66111
Ion Ratio Lower Upper
152 100
150 145.4 126.0 189.0
115 51.3 45.5 68.3



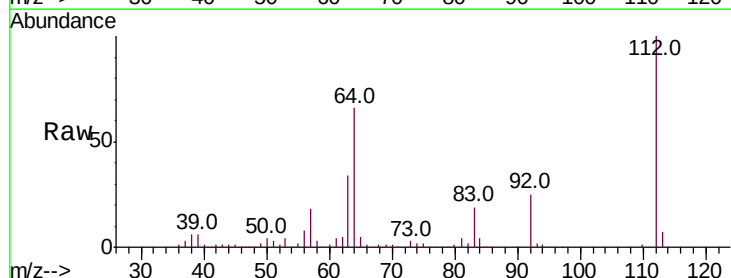
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



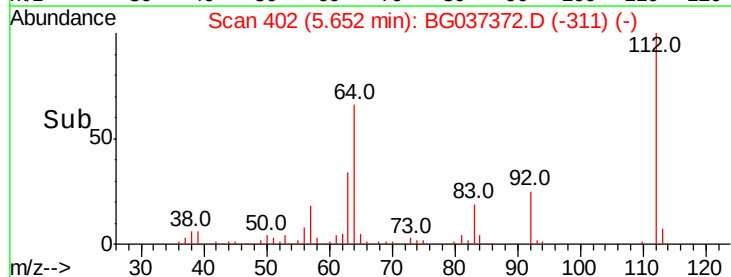
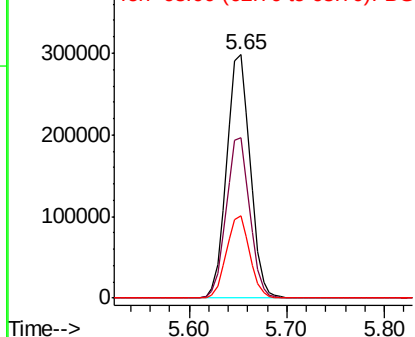
#5

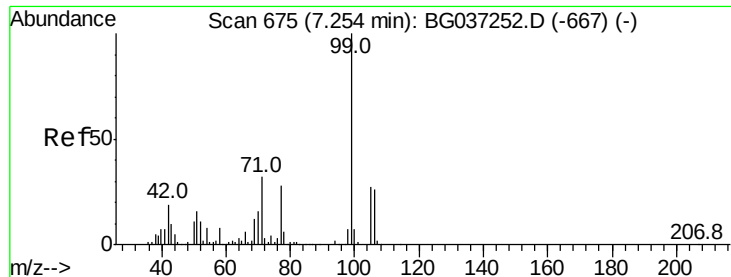
2-Fluorophenol
Concen: 133.090 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037372.D
Acq: 16 Oct 2018 23:21

Tgt Ion:112 Resp: 499952
Ion Ratio Lower Upper
112 100
64 65.8 53.1 79.7
63 33.7 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: 125.909 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037372.D

Acq: 16 Oct 2018 23:21

Instrument :

BNA_G

ClientSampleId :

PB113872BL

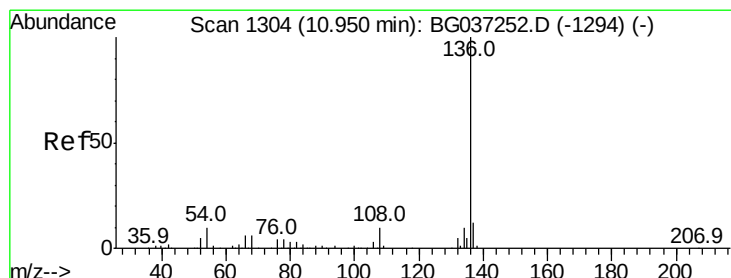
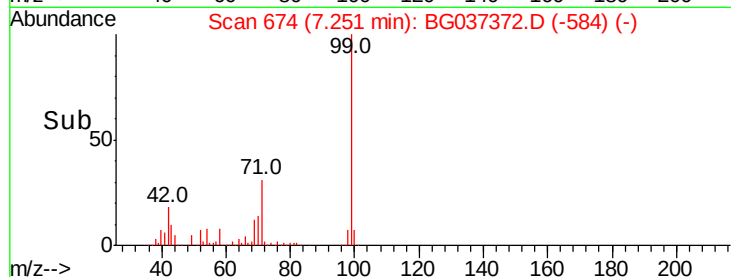
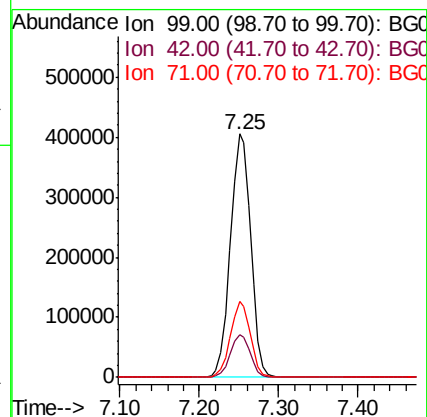
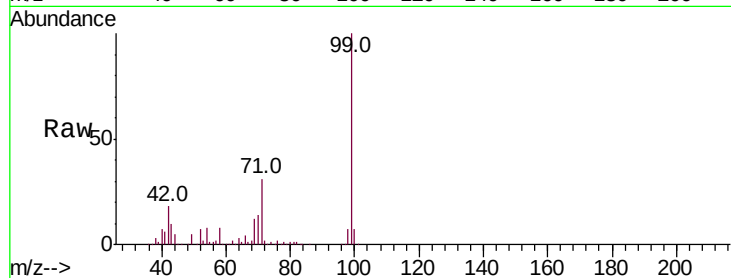
Tot Ion: 99 Resp: 717901

Ion Ratio Lower Upper

99 100

42 17.6 15.0 22.4

71 31.4 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BG037372.D

Acq: 16 Oct 2018 23:21

Tgt Ion: 136 Resp: 283682

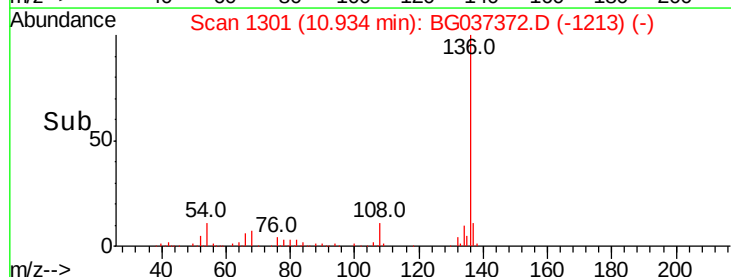
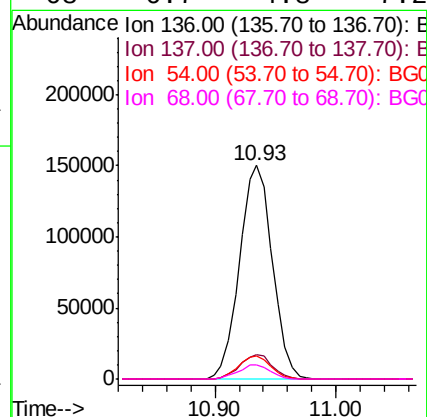
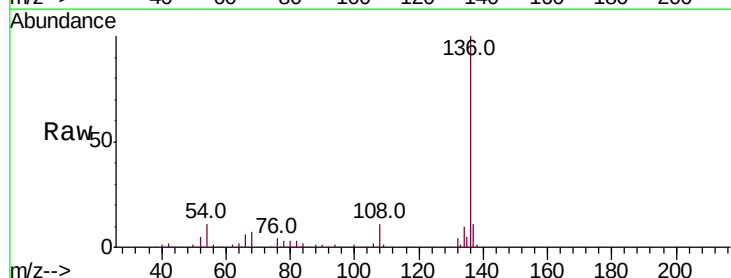
Ion Ratio Lower Upper

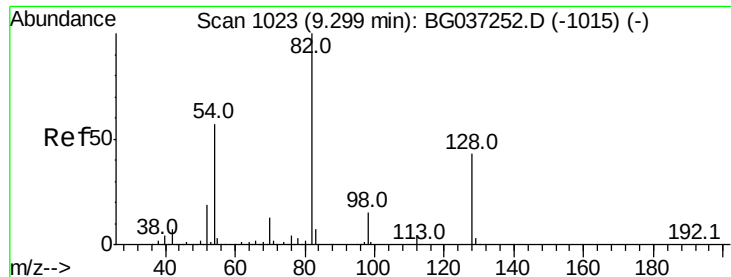
136 100

137 11.2 9.6 14.4

54 10.9 7.9 11.9

68 6.7 4.8 7.2

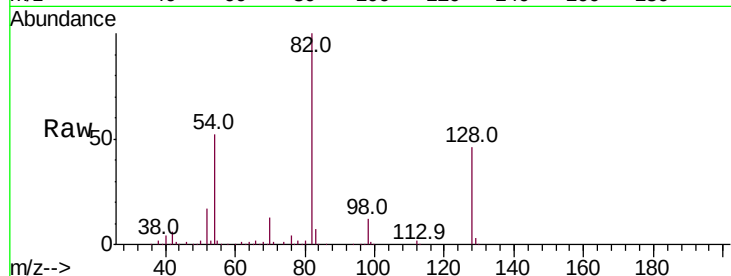




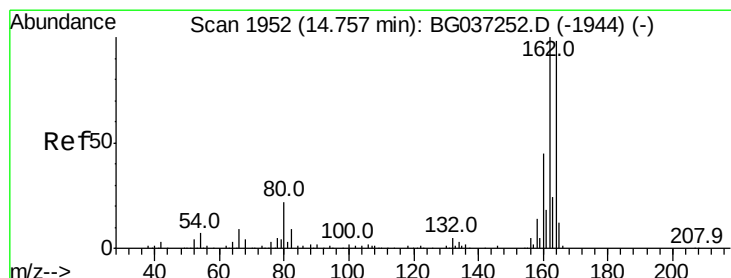
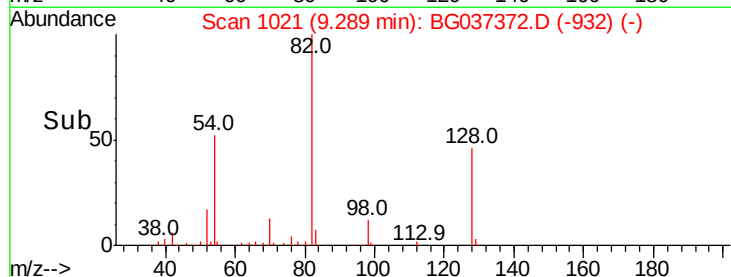
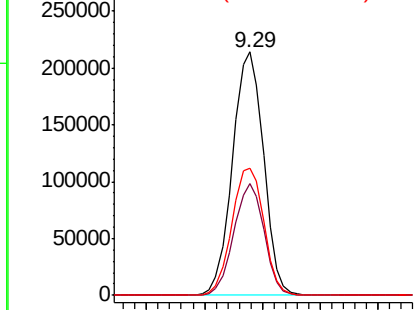
#23
 Nitrobenzene-d5
 Concen: 92.305 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG037372.D
 Acq: 16 Oct 2018 23:21

Instrument :
 BNA_G
 ClientSampleId :
 PB113872BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.6	51.8
54	52.5	45.3	67.9

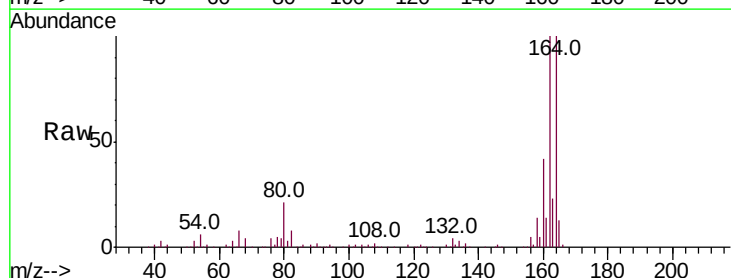


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

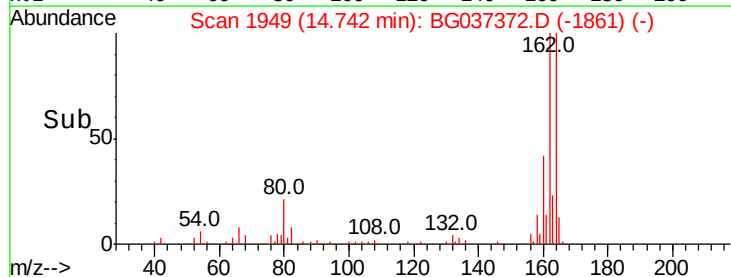
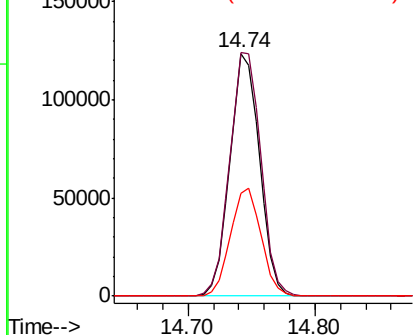


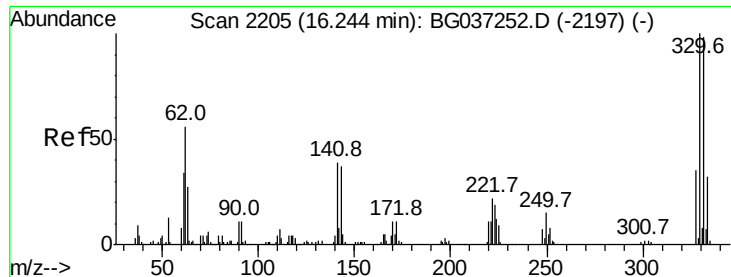
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BG037372.D
 Acq: 16 Oct 2018 23:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.3	121.9
160	42.4	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

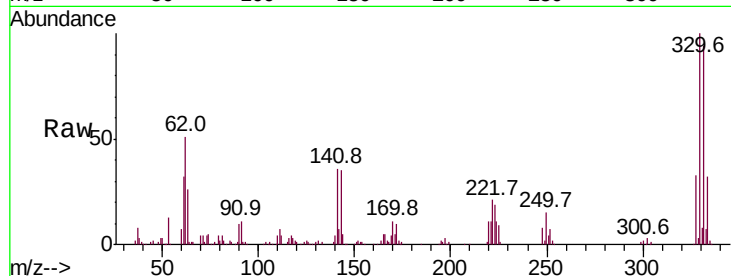




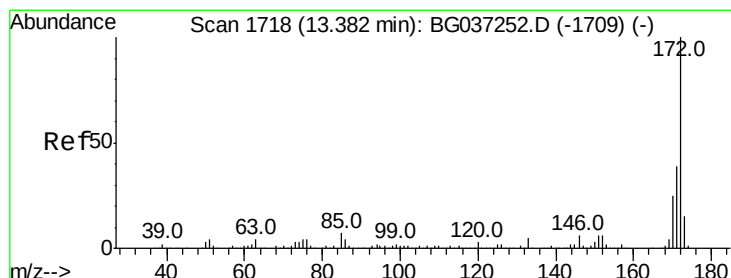
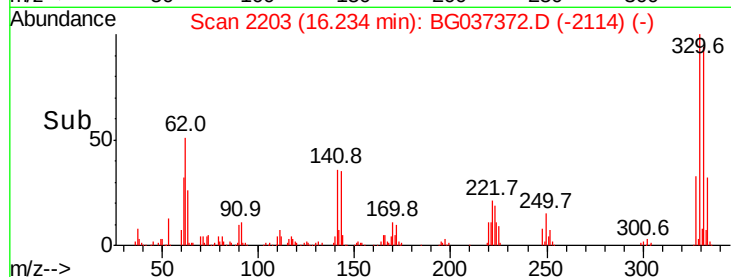
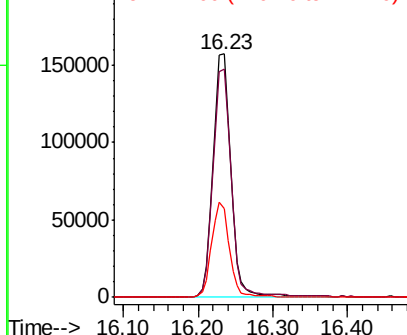
#42
 2,4,6-Tribromophenol
 Concen: 135.718 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BG037372.D
 Acq: 16 Oct 2018 23:21

Instrument :
 BNA_G
 ClientSampleId :
 PB113872BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	78.4	117.6
141	37.7	32.2	48.2

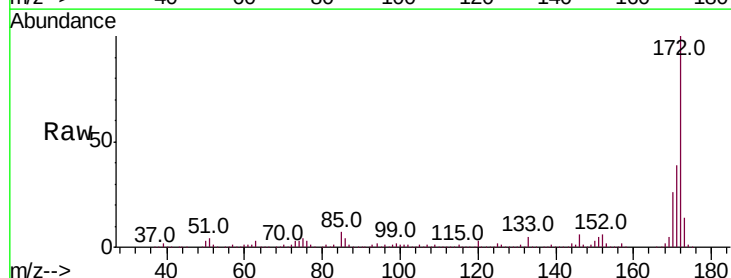


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

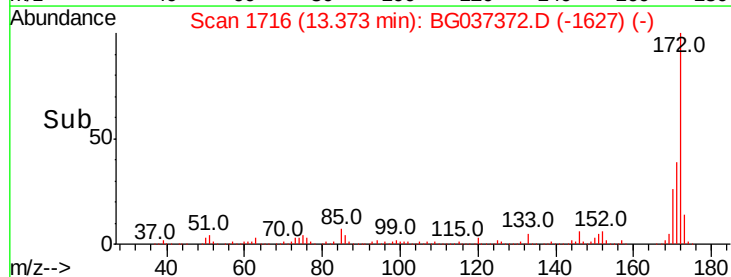
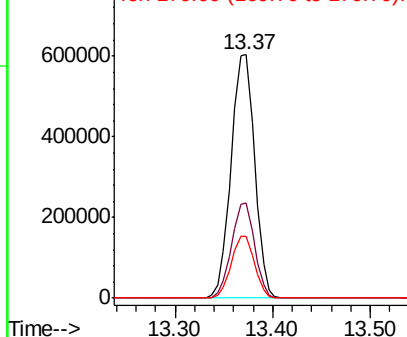


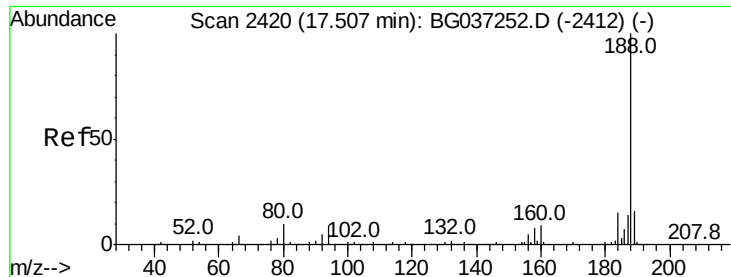
#45
 2-Fluorobiphenyl
 Concen: 76.797 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG037372.D
 Acq: 16 Oct 2018 23:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.0	46.4
170	25.6	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

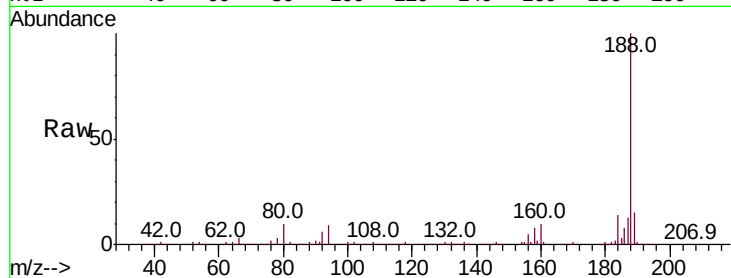




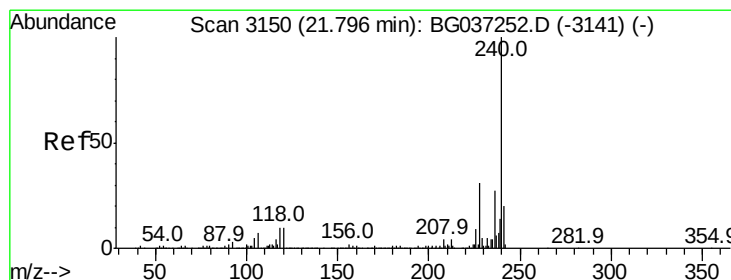
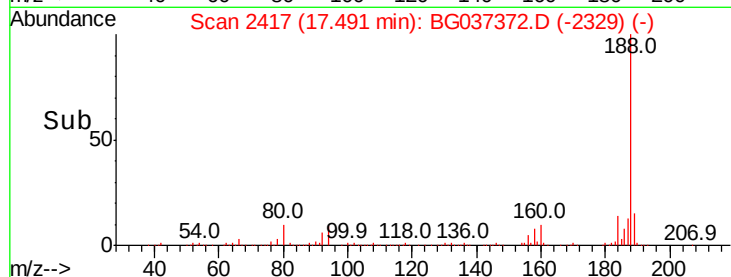
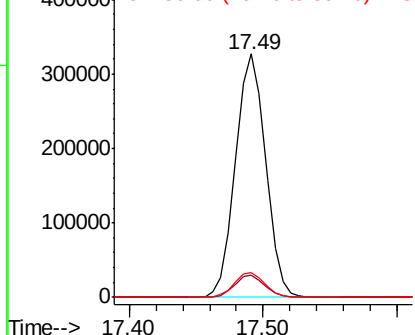
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG037372.D
Acq: 16 Oct 2018 23:21

Instrument :
BNA_G
ClientSampleId :
PB113872BL

Tot Ion:188 Resp: 512140
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.4 7.7 11.5

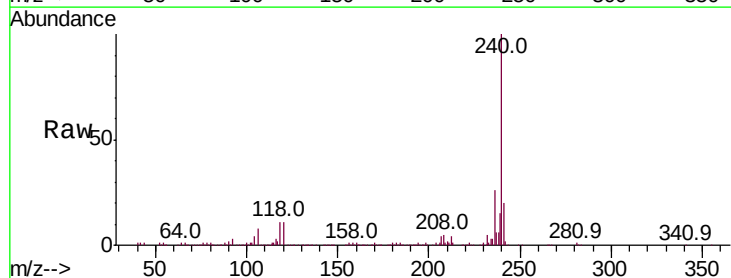


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

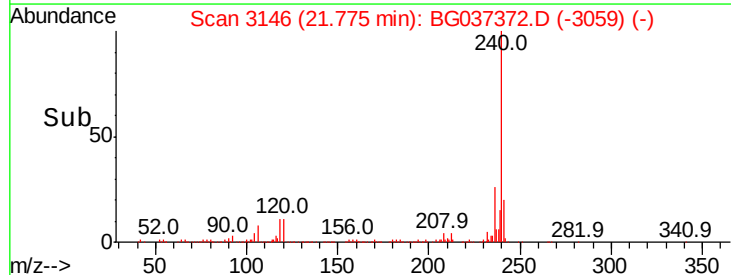
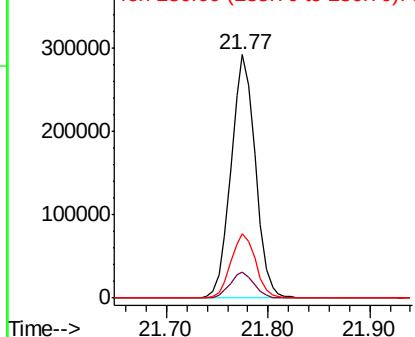


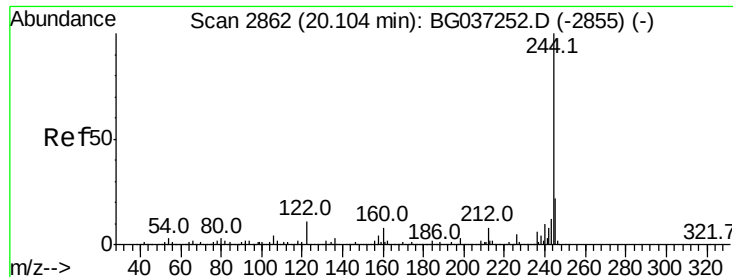
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG037372.D
Acq: 16 Oct 2018 23:21

Tgt Ion:240 Resp: 484940
Ion Ratio Lower Upper
240 100
120 10.9 8.1 12.1
236 26.2 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: 72.343 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG037372.D

Acq: 16 Oct 2018 23:21

Instrument :

BNA_G

ClientSampleId :

PB113872BL

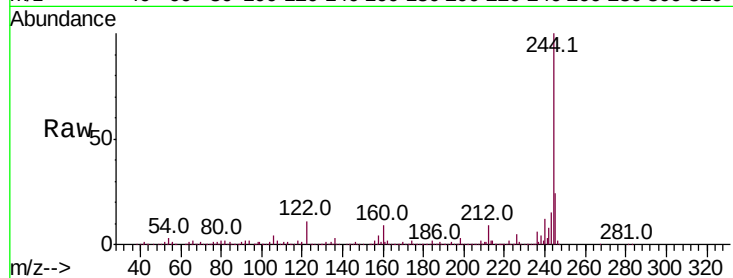
Tot Ion:244 Resp: 1670776

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	11.4	9.0	13.4

244 100

212 8.6 6.5 9.7

122 11.4 9.0 13.4

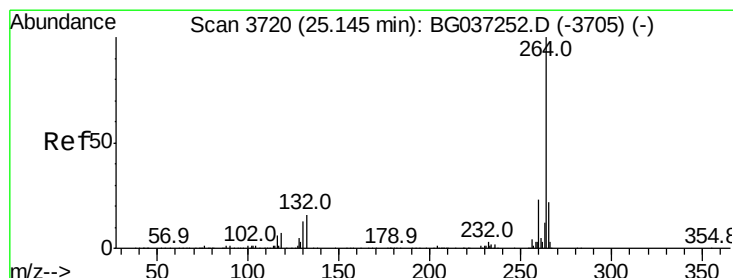
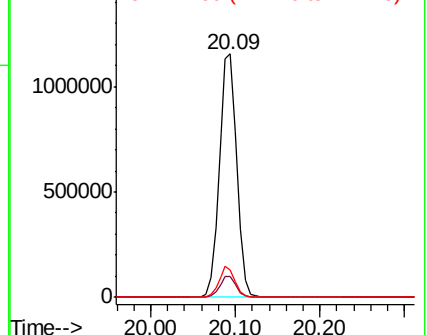
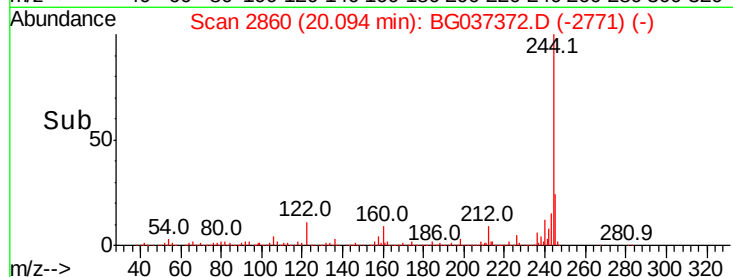


Abundance

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# 3715

Delta R.T. -0.03 min

Lab File: BG037372.D

Acq: 16 Oct 2018 23:21

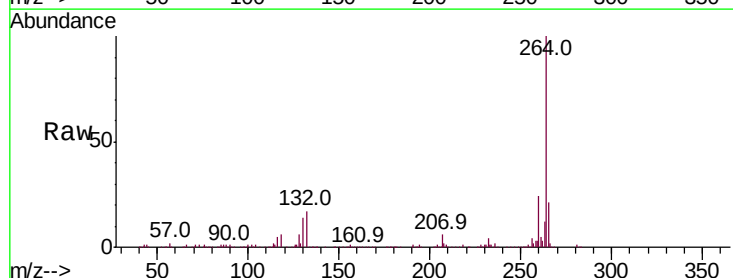
Tgt Ion:264 Resp: 483340

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	21.0	17.9	26.9

264 100

260 23.7 18.2 27.4

265 21.0 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

