

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110217\
 Data File : BG030672.D
 Acq On : 2 Nov 2017 21:16
 Operator : SJ/JU
 Sample : PB103830BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 03 00:55:02 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 17:41:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	60368	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	285161	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	202275	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	517277	20.00	ng	0.00
75) Chrysene-d12	21.78	240	593624	20.00	ng	-0.01
86) Perylene-d12	25.07	264	598082	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	504180	139.52	ng	0.00
7) Phenol-d6	7.31	99	675712	133.22	ng	-0.01
23) Nitrobenzene-d5	9.32	82	389692	86.84	ng	-0.01
41) 2,4,6-Tribromophenol	16.26	330	376064	144.00	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1168956	84.76	ng	0.00
78) Terphenyl-d14	20.10	244	2043862	78.33	ng	0.00

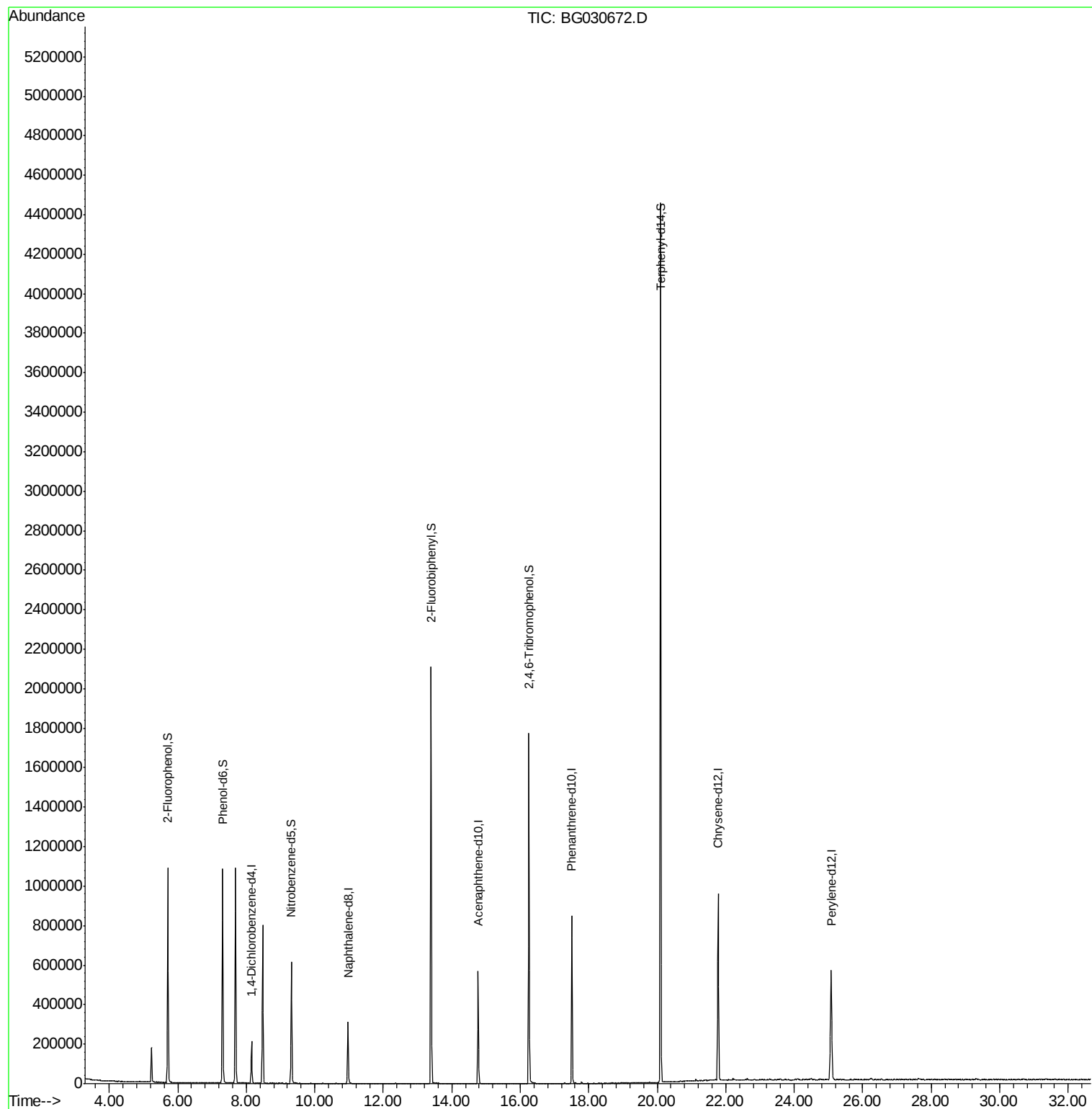
Target Compounds Qvalue

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

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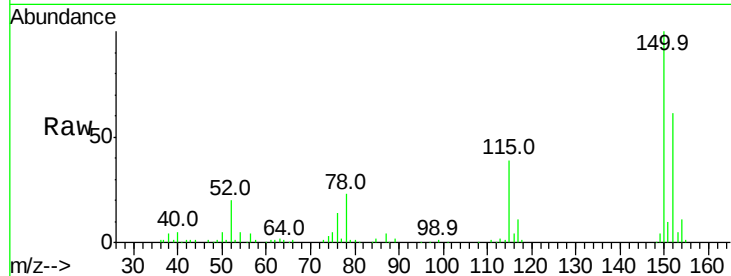


#1

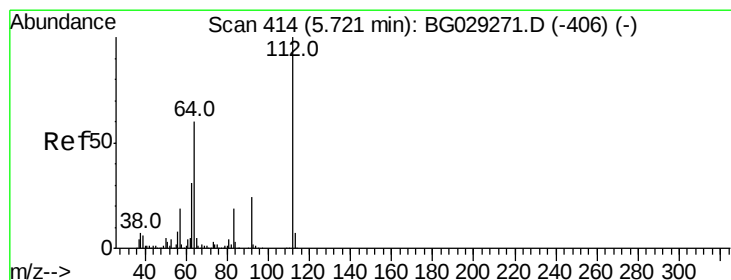
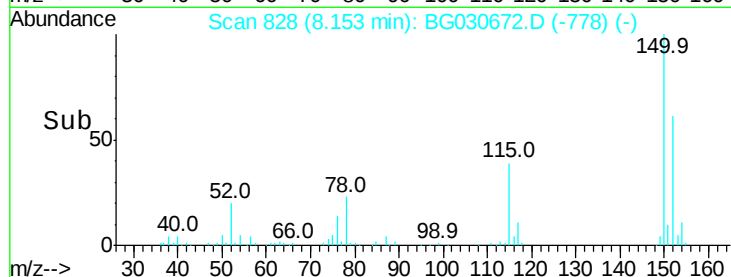
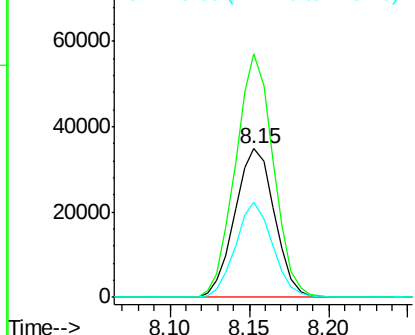
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG030672.D
Acq: 2 Nov 2017 21:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 60368
Ion Ratio Lower Upper
152 100
150 163.7 126.6 189.8
115 63.8 53.0 79.4



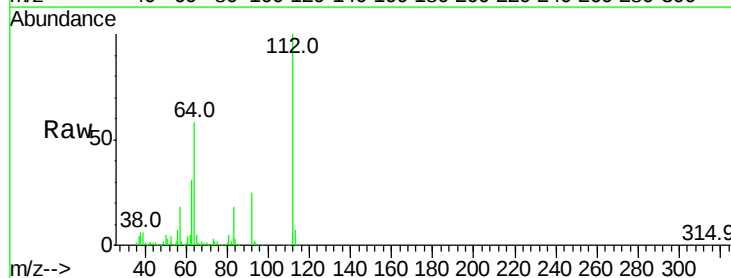
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



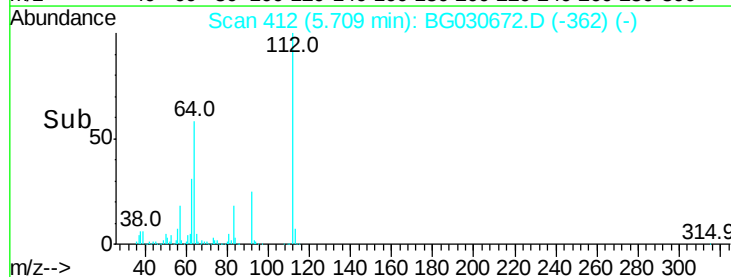
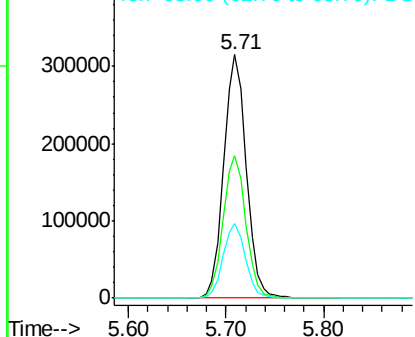
#5

2-Fluorophenol
Concen: 139.521 ng
RT: 5.71 min Scan# 412
Delta R.T. -0.01 min
Lab File: BG030672.D
Acq: 2 Nov 2017 21:16

Tgt Ion:112 Resp: 504180
Ion Ratio Lower Upper
112 100
64 58.4 56.3 84.5
63 30.5 30.1 45.1



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: 133.215 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG030672.D

Acq: 2 Nov 2017 21:16

Instrument :

BNA_G

ClientSampled :

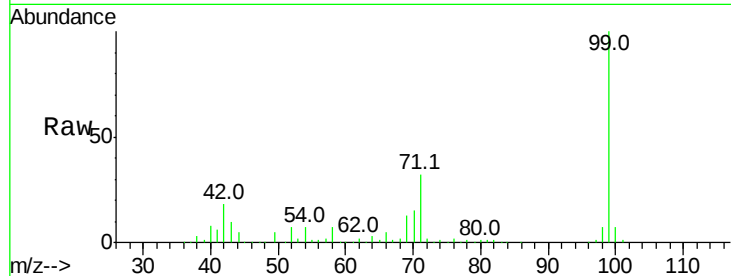
Tot Ion: 99 Resp: 675712

Ion Ratio Lower Upper

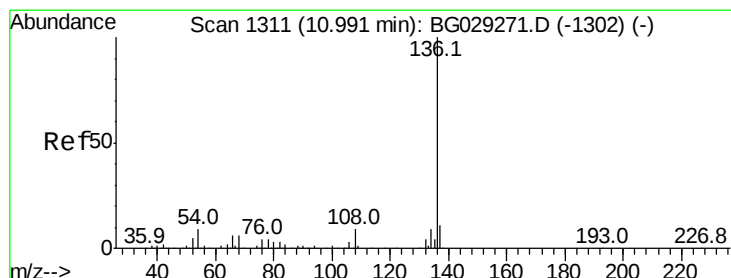
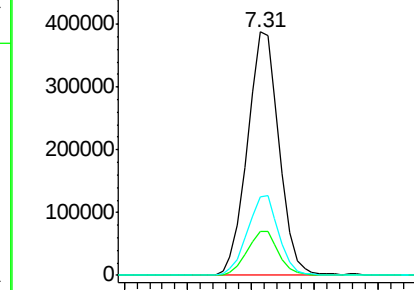
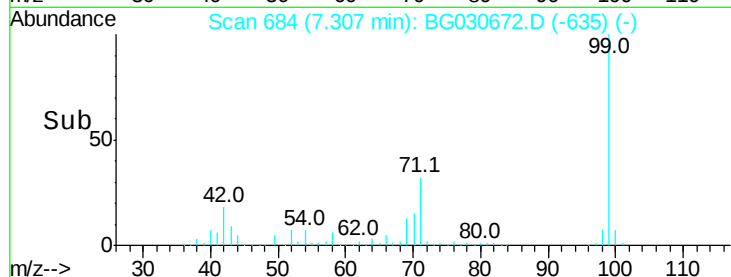
99 100

42 18.3 14.1 21.1

71 32.1 26.1 39.1



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: 10.97 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BG030672.D

Acq: 2 Nov 2017 21:16

Tgt Ion: 136 Resp: 285161

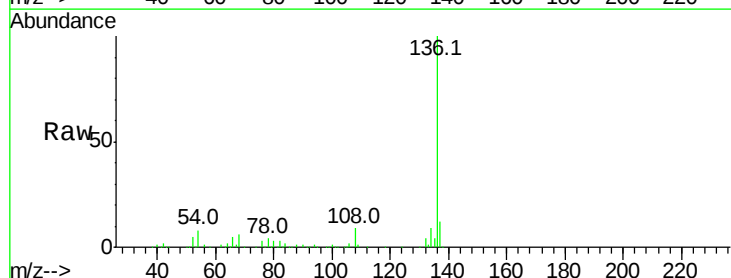
Ion Ratio Lower Upper

136 100

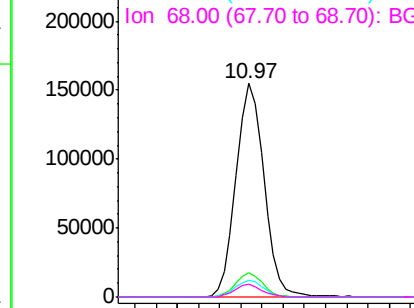
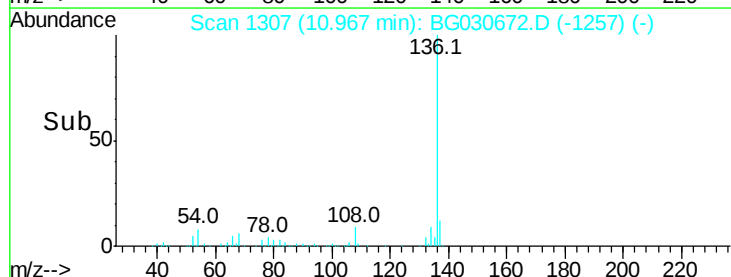
137 11.6 9.2 13.8

54 8.0 10.3 15.5#

68 6.2 4.5 6.7



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

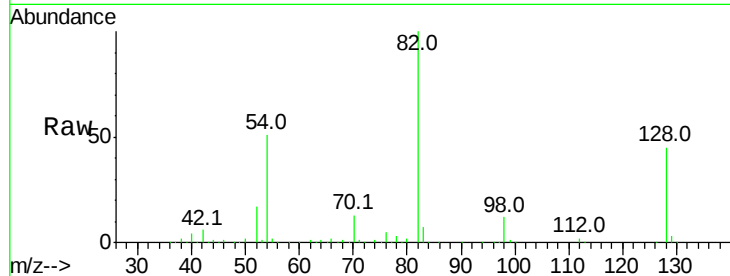




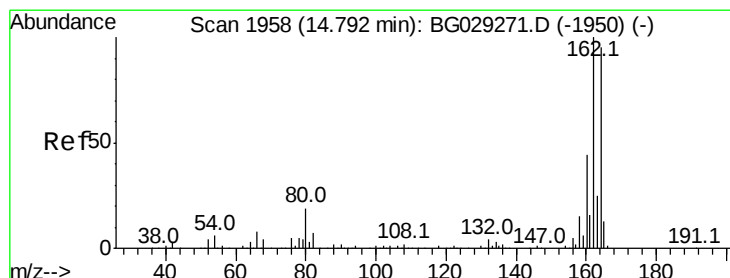
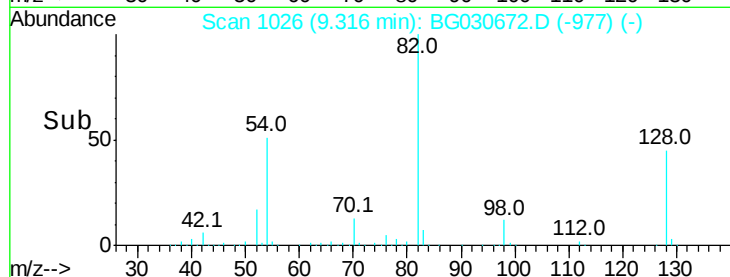
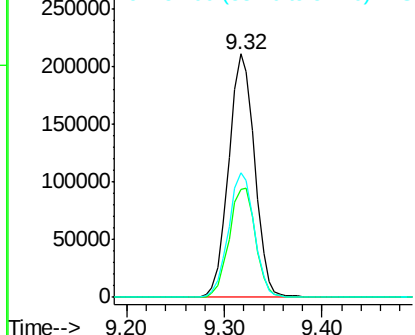
#23
Nitrobenzene-d5
Concen: 86.842 ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG030672.D
Acq: 2 Nov 2017 21:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 389692
Ion Ratio Lower Upper
82 100
128 44.5 29.7 44.5
54 50.9 43.1 64.7

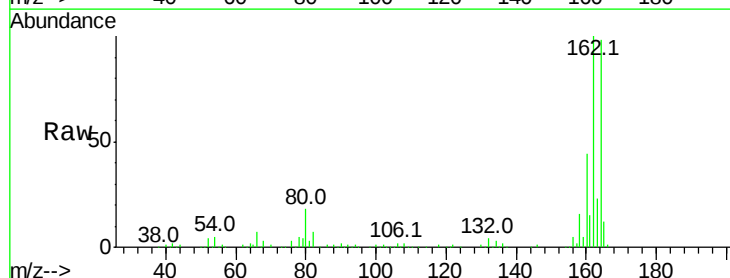


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

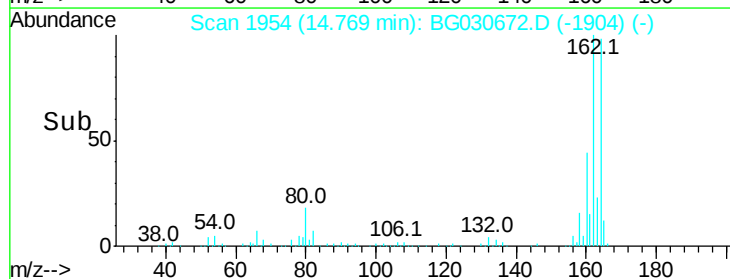
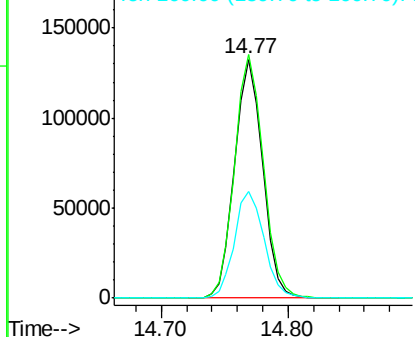


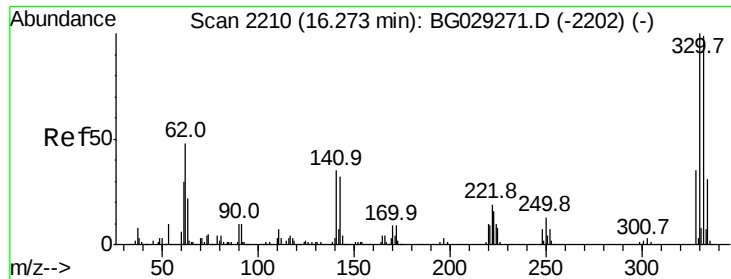
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG030672.D
Acq: 2 Nov 2017 21:16

Tgt Ion:164 Resp: 202275
Ion Ratio Lower Upper
164 100
162 101.9 78.8 118.2
160 44.4 35.4 53.0



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

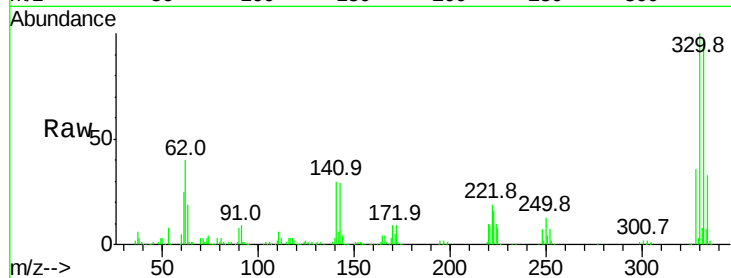




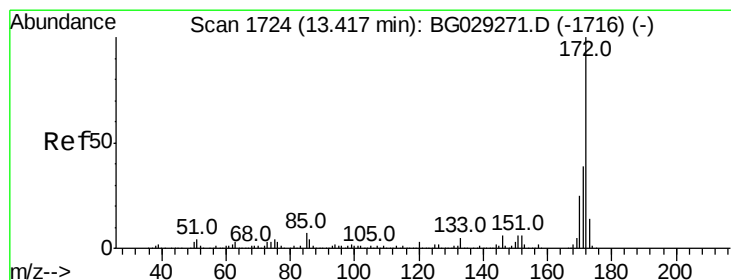
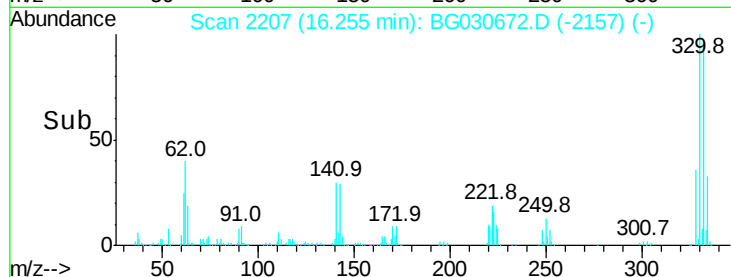
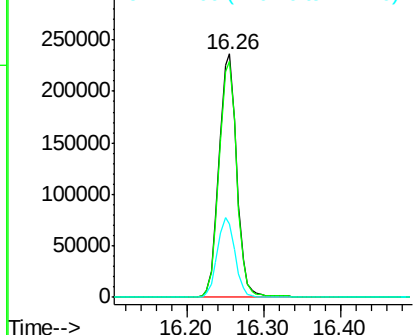
#41
 2,4,6-Tribromophenol
 Concen: 143.999 ng
 RT: 16.26 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BG030672.D
 Acq: 2 Nov 2017 21:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 376064
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 32.8 25.2 37.8

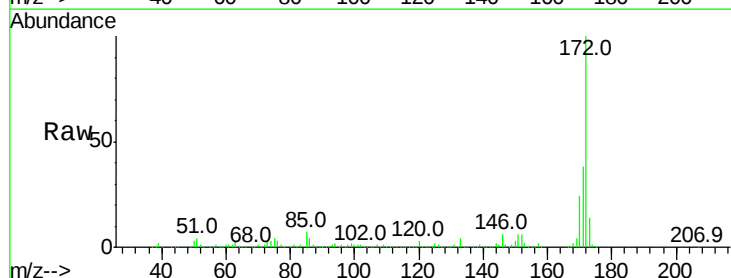


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

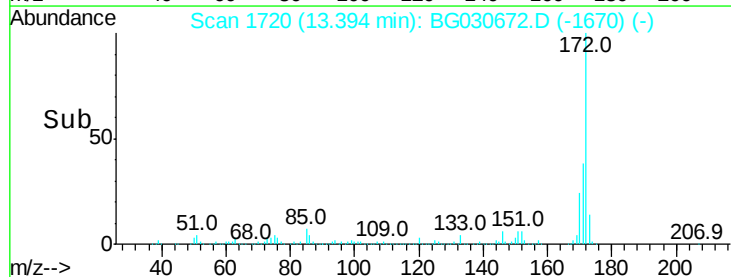
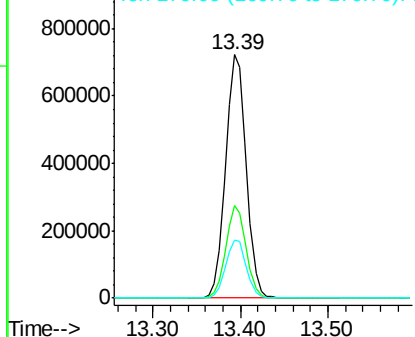


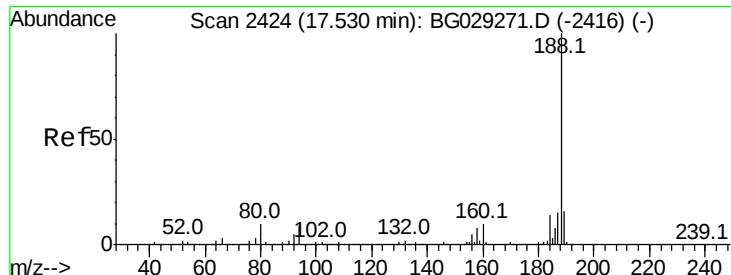
#44
 2-Fluorobiphenyl
 Concen: 84.759 ng
 RT: 13.39 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG030672.D
 Acq: 2 Nov 2017 21:16

Tgt Ion:172 Resp: 1168956
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.0 45.0
 170 24.0 19.5 29.3



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

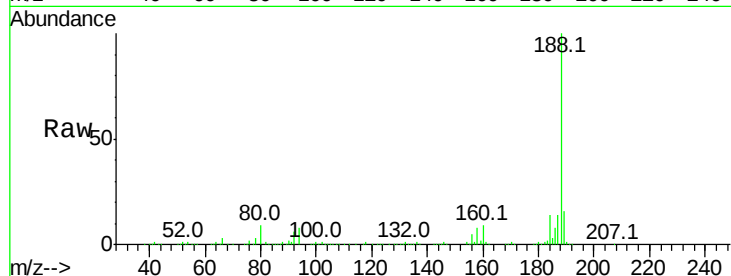




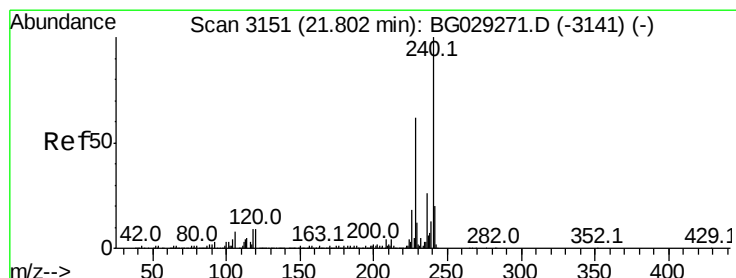
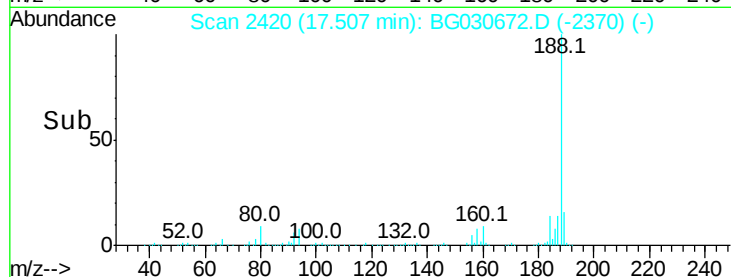
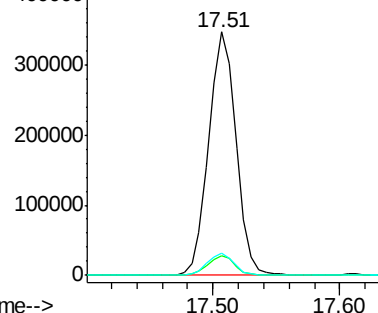
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BG030672.D
Acq: 2 Nov 2017 21:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 517277
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.0 7.7 11.5

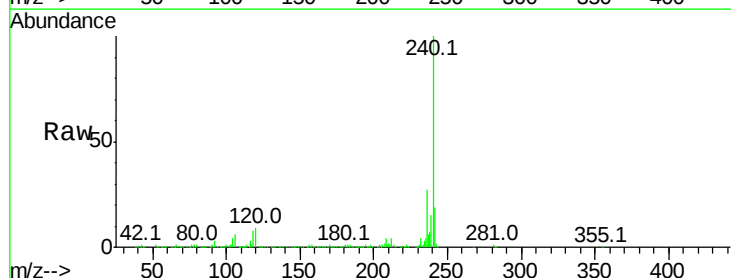


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

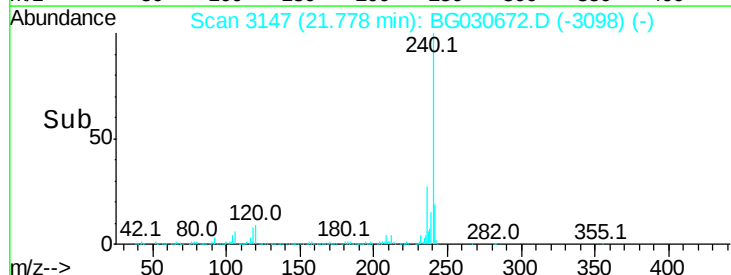
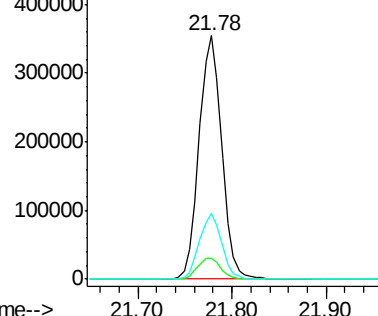


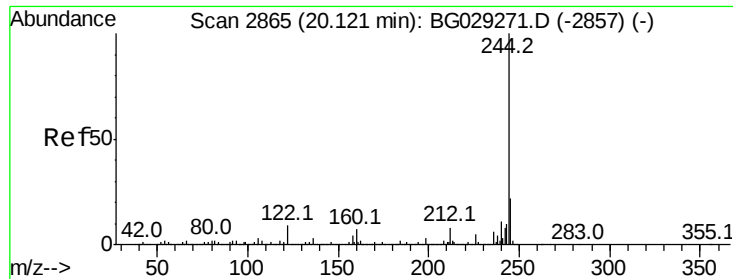
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG030672.D
Acq: 2 Nov 2017 21:16

Tgt Ion:240 Resp: 593624
Ion Ratio Lower Upper
240 100
120 8.6 6.8 10.2
236 26.7 20.9 31.3



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



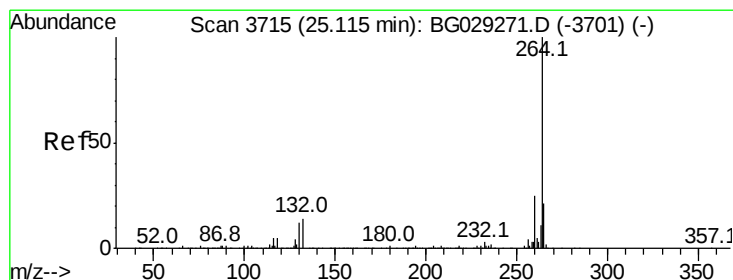
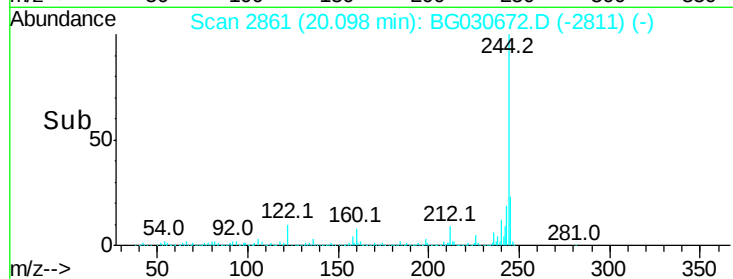
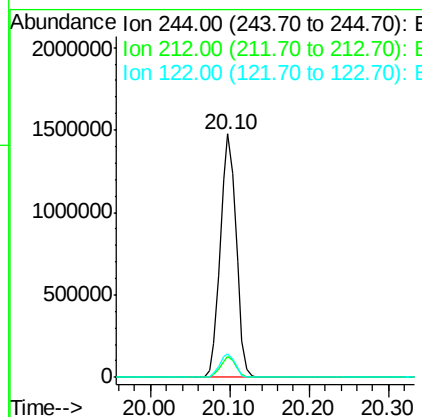
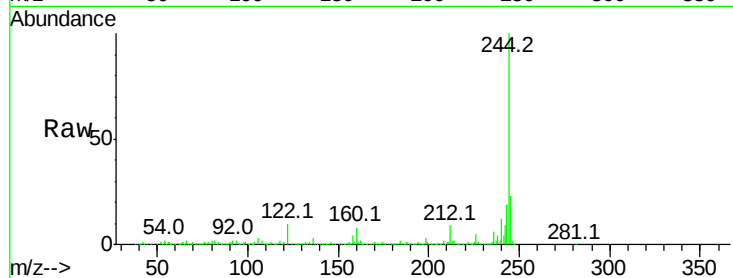


#78
 Terphenyl-d14
 Concen: 78.326 ng
 RT: 20.10 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BG030672.D
 Acq: 2 Nov 2017 21:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 2043862

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	9.8	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3708
 Delta R.T. -0.02 min
 Lab File: BG030672.D
 Acq: 2 Nov 2017 21:16

Tgt Ion:264 Resp: 598082

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	21.2	17.7	26.5

