

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110217\
 Data File : BG030668.D
 Acq On : 2 Nov 2017 18:45
 Operator : SJ/JU
 Sample : PB103908BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB103908BL

Quant Time: Nov 03 00:53:27 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	54086	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	242675	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	173180	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	440103	20.00	ng	0.00
75) Chrysene-d12	21.78	240	505981	20.00	ng	-0.01
86) Perylene-d12	25.08	264	517074	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	402486	124.32	ng	0.00
7) Phenol-d6	7.31	99	535141	117.76	ng	0.00
23) Nitrobenzene-d5	9.32	82	305483	79.99	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	288794	129.16	ng	-0.01
44) 2-Fluorobiphenyl	13.39	172	924890	78.33	ng	0.00
78) Terphenyl-d14	20.10	244	1632825	73.41	ng	0.00

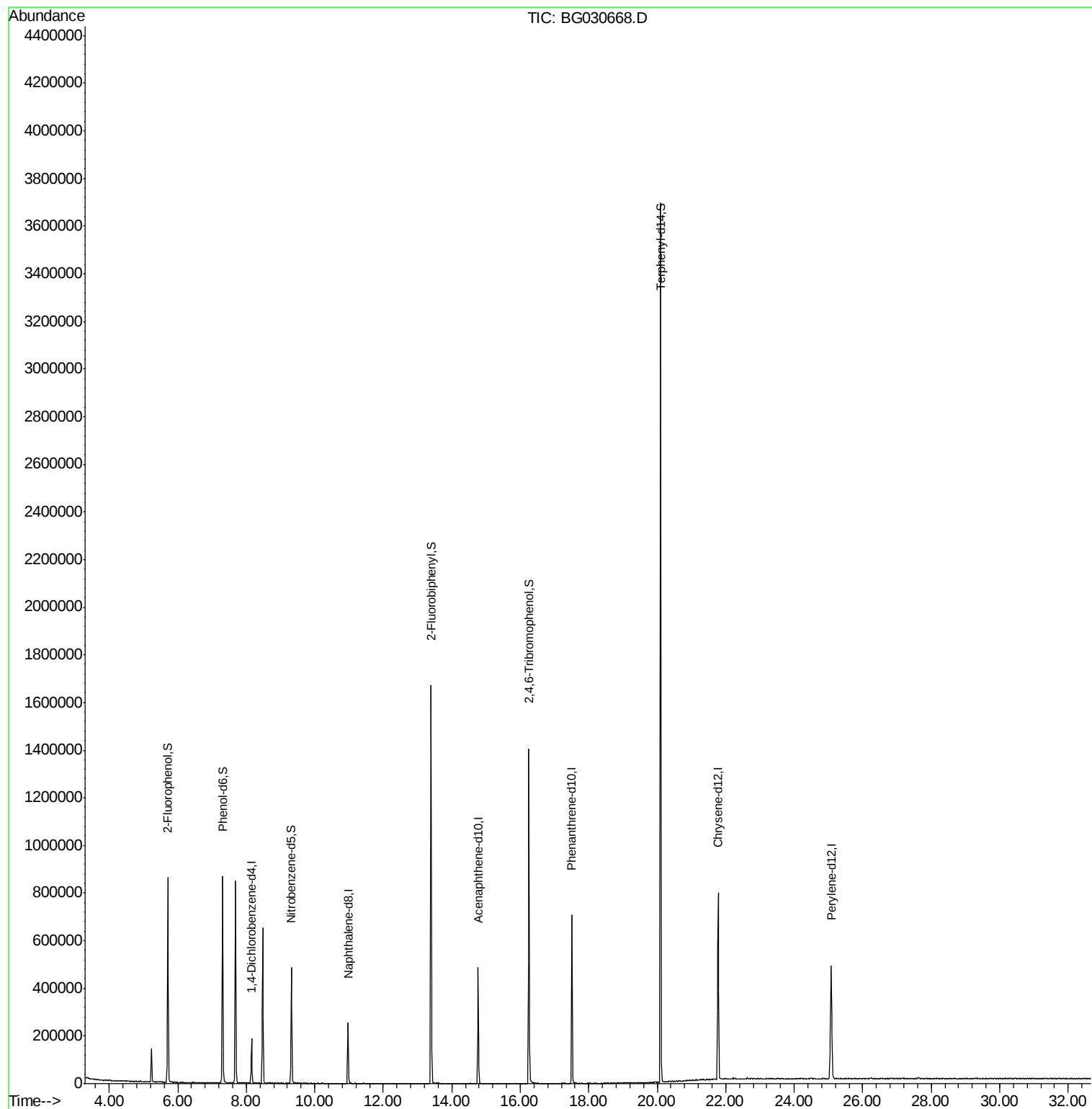
Target Compounds Qvalue

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

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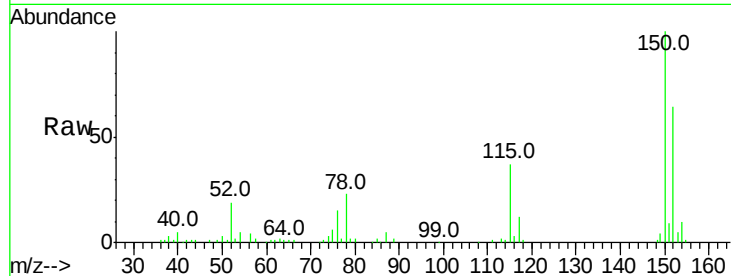


#1

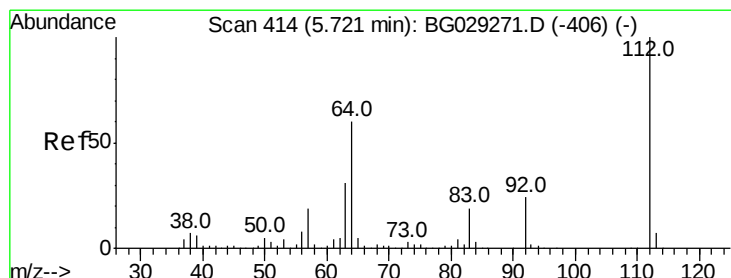
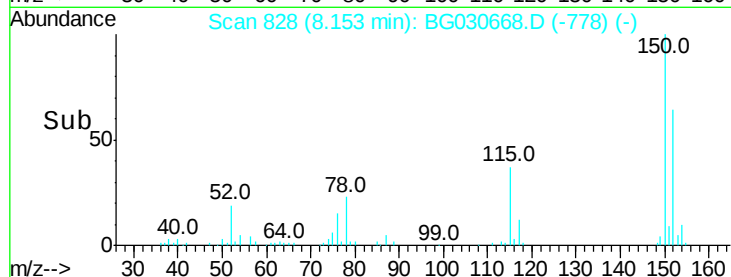
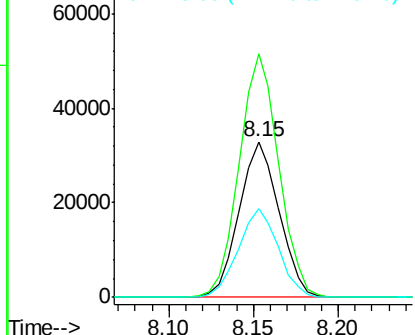
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG030668.D
Acq: 2 Nov 2017 18:45

Instrument :
BNA_G
ClientSampleId :
PB103908BL

Tot Ion:152 Resp: 54086
Ion Ratio Lower Upper
152 100
150 156.1 126.6 189.8
115 57.3 53.0 79.4



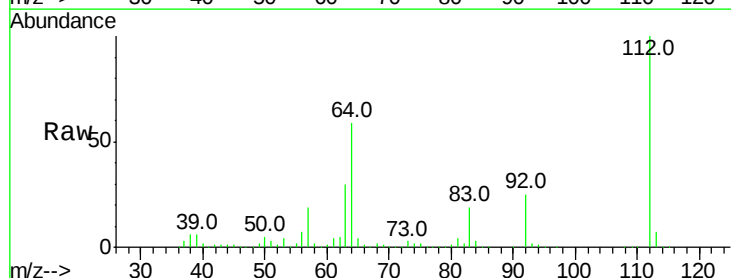
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



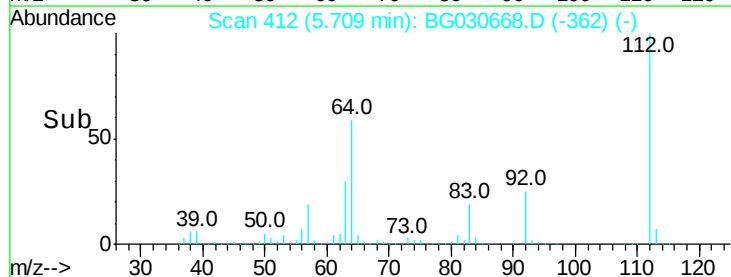
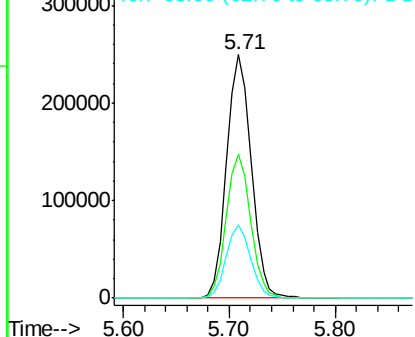
#5

2-Fluorophenol
Concen: 124.316 ng
RT: 5.71 min Scan# 412
Delta R.T. -0.01 min
Lab File: BG030668.D
Acq: 2 Nov 2017 18:45

Tgt Ion:112 Resp: 402486
Ion Ratio Lower Upper
112 100
64 58.9 56.3 84.5
63 29.9 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: 117.756 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG030668.D

Acq: 2 Nov 2017 18:45

Instrument :

BNA_G

ClientSampleId :

PB103908BL

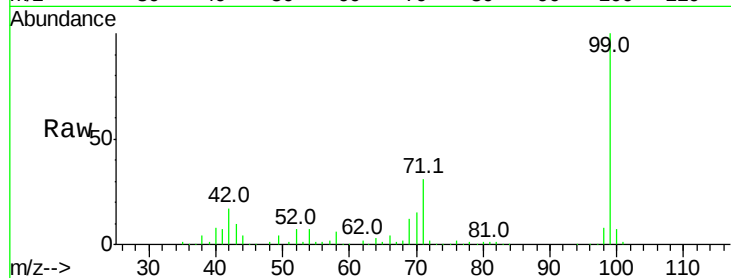
Tot Ion: 99 Resp: 535141

Ion Ratio Lower Upper

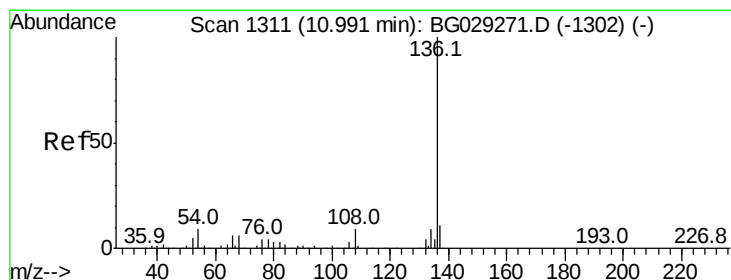
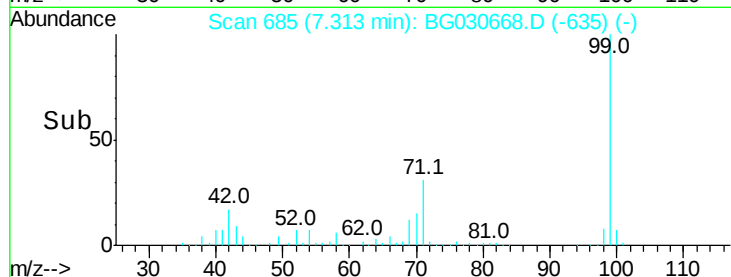
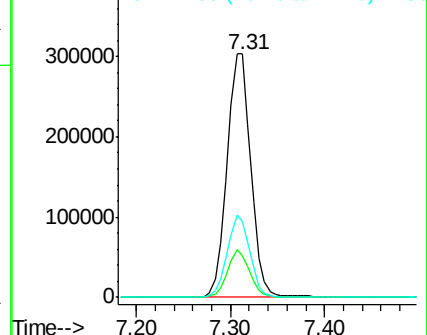
99 100

42 17.1 14.1 21.1

71 31.0 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: BG030668.D

Acq: 2 Nov 2017 18:45

Tgt Ion: 136 Resp: 242675

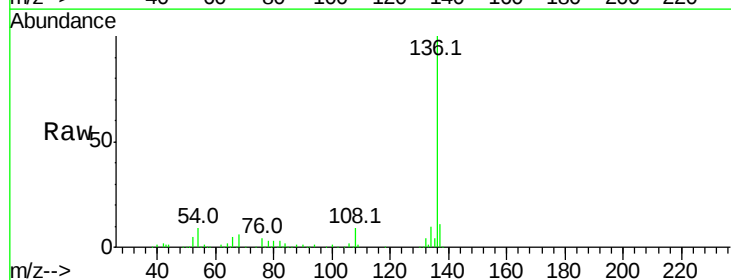
Ion Ratio Lower Upper

136 100

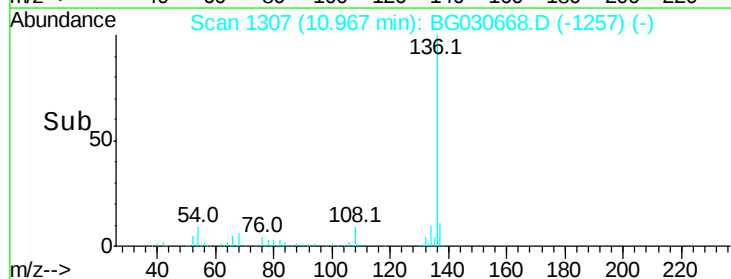
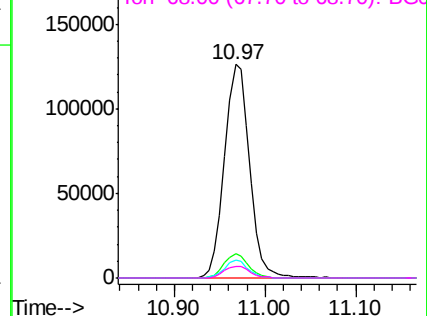
137 11.3 9.2 13.8

54 8.7 10.3 15.5#

68 5.7 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: 79.994 ng

RT: 9.32 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BG030668.D

Acq: 2 Nov 2017 18:45

Instrument :

BNA_G

ClientSampleId :

PB103908BL

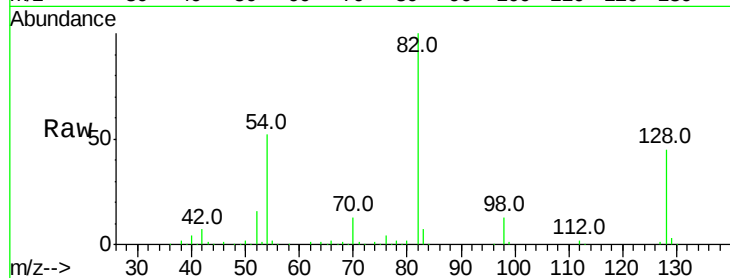
Tot Ion: 82 Resp: 305483

Ion Ratio Lower Upper

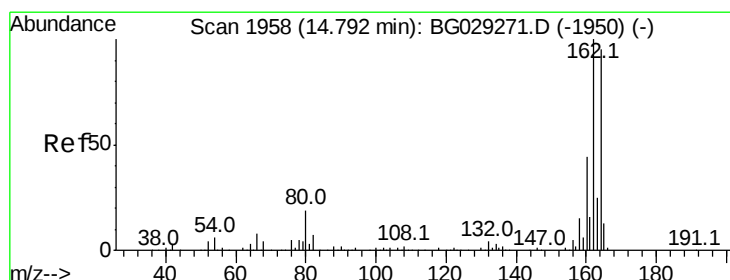
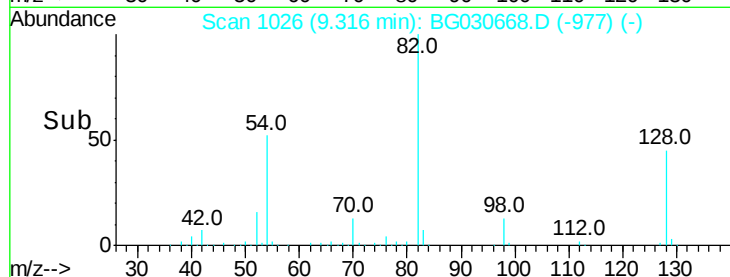
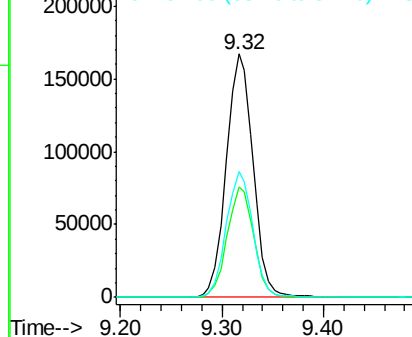
82 100

128 45.2 29.7 44.5#

54 51.8 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: BG030668.D

Acq: 2 Nov 2017 18:45

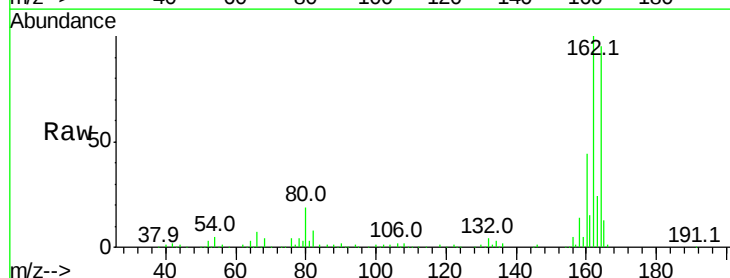
Tgt Ion:164 Resp: 173180

Ion Ratio Lower Upper

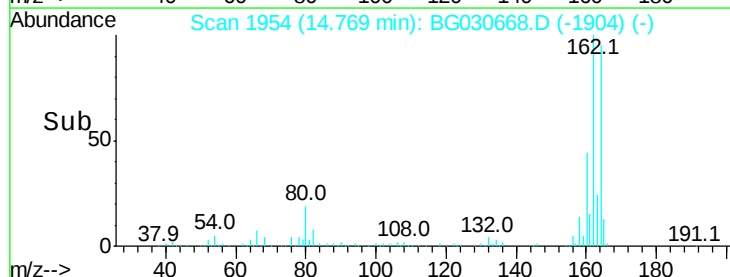
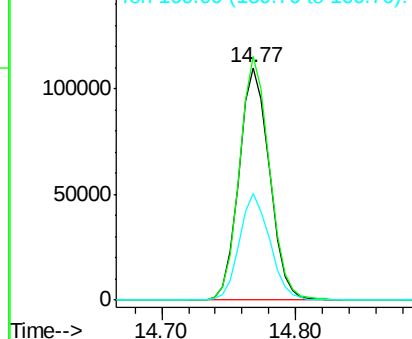
164 100

162 104.7 78.8 118.2

160 45.7 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

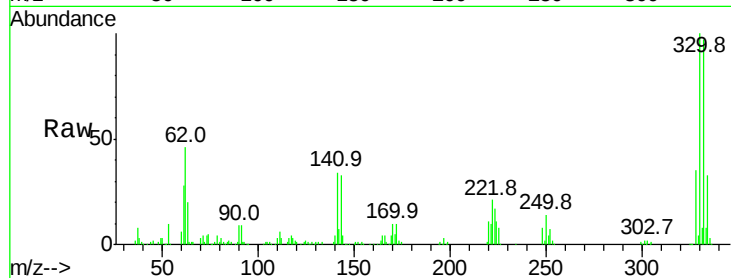




#41
 2,4,6-Tribromophenol
 Concen: 129.161 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG030668.D
 Acq: 2 Nov 2017 18:45

Instrument :
 BNA_G
 ClientSampleId :
 PB103908BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	32.6	25.2	37.8

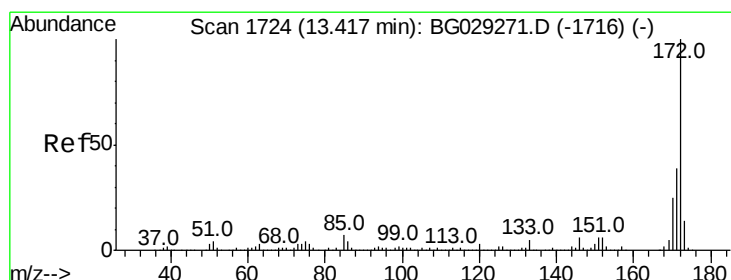
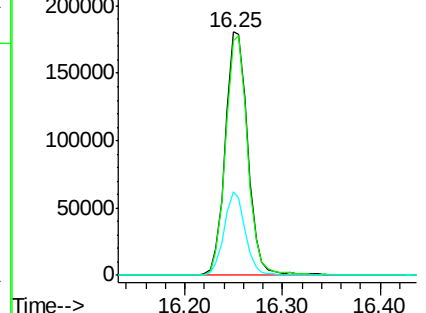
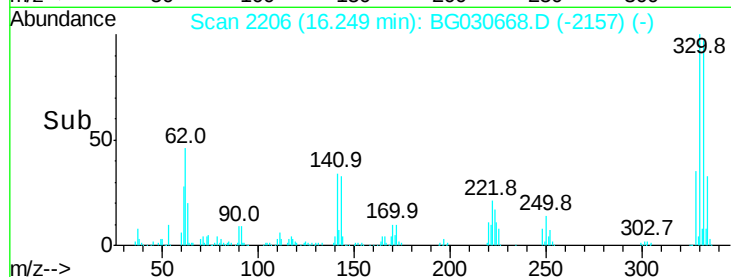


Abundance

Ion 329.80 (329.50 to 330.50): E

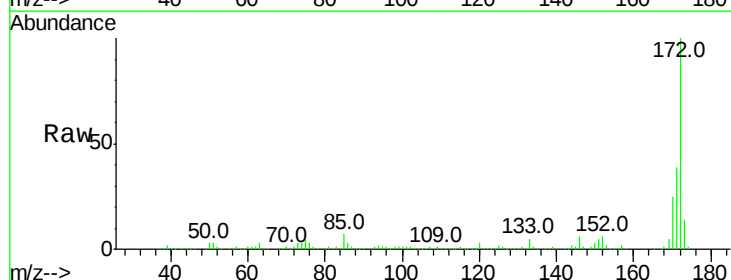
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.329 ng
 RT: 13.39 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG030668.D
 Acq: 2 Nov 2017 18:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.0	45.0
170	25.0	19.5	29.3

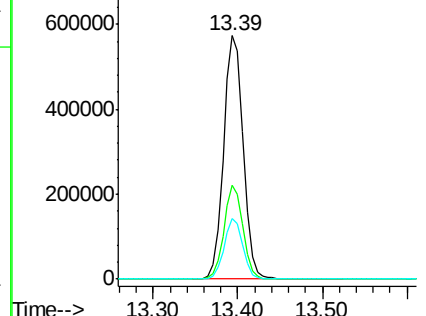
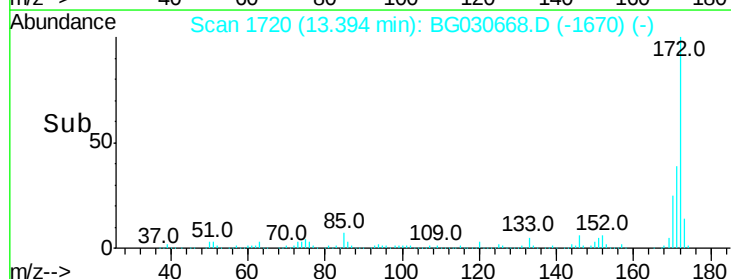


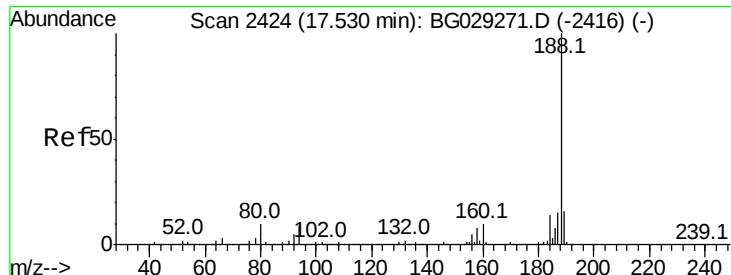
Abundance

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

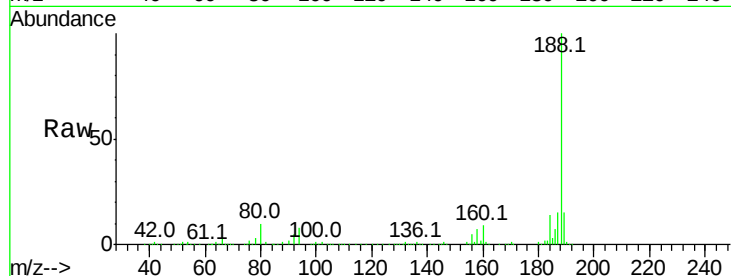




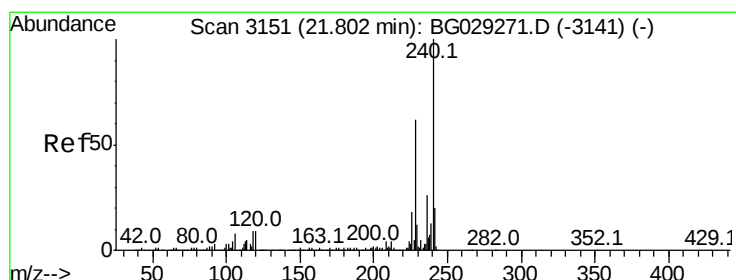
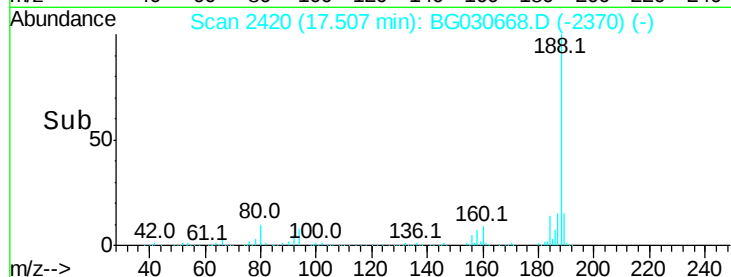
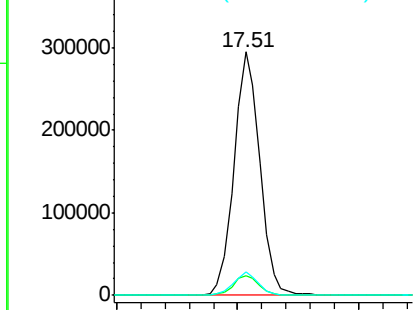
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BG030668.D
Acq: 2 Nov 2017 18:45

Instrument :
BNA_G
ClientSampleId :
PB103908BL

Tot Ion:188 Resp: 440103
Ion Ratio Lower Upper
188 100
94 7.9 6.9 10.3
80 9.6 7.7 11.5

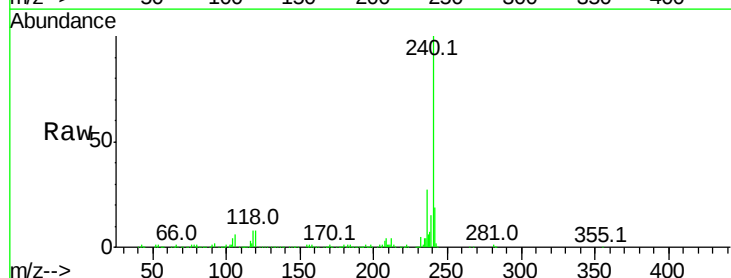


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

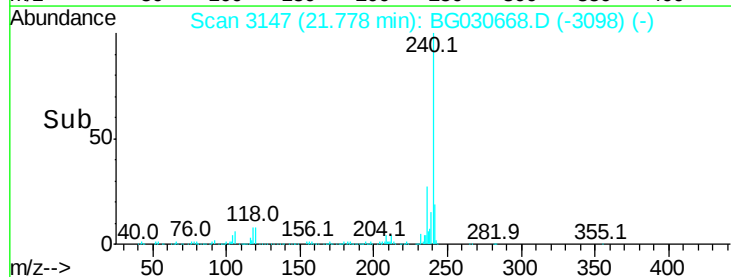
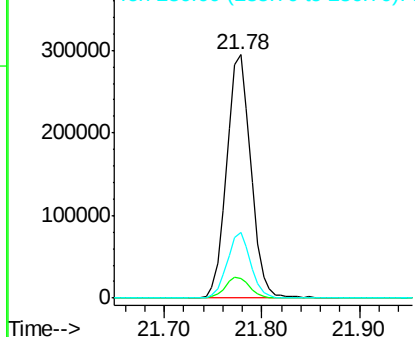


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG030668.D
Acq: 2 Nov 2017 18:45

Tgt Ion:240 Resp: 505981
Ion Ratio Lower Upper
240 100
120 8.2 6.8 10.2
236 27.0 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



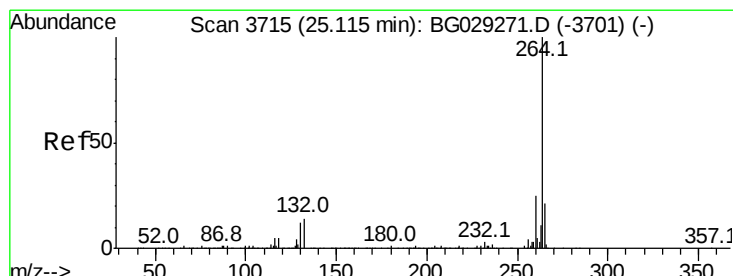
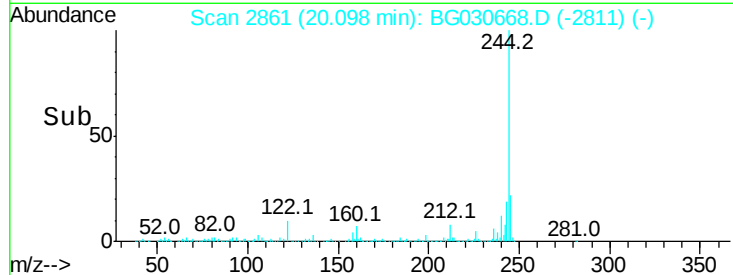
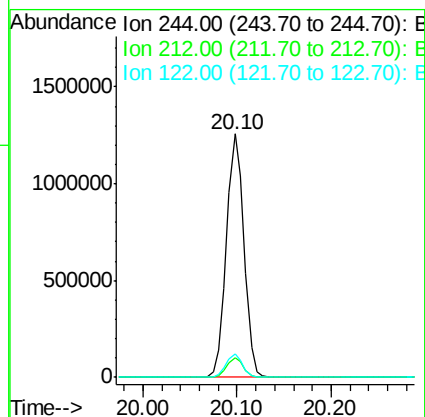
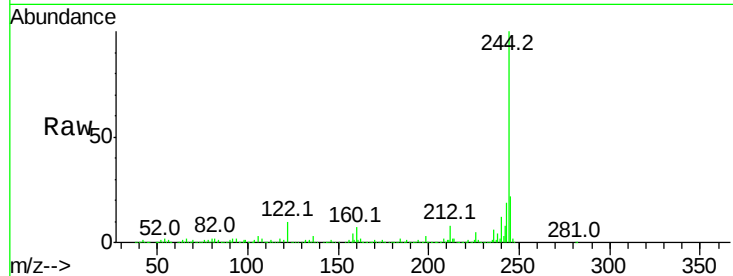


#78
 Terphenyl-d14
 Concen: 73.413 ng
 RT: 20.10 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BG030668.D
 Acq: 2 Nov 2017 18:45

Instrument :
 BNA_G
 ClientSampleId :
 PB103908BL

Tot Ion:244 Resp: 1632825

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	9.5	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.08 min Scan# 3709
 Delta R.T. -0.02 min
 Lab File: BG030668.D
 Acq: 2 Nov 2017 18:45

Tgt Ion:264 Resp: 517074

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.4	17.7	26.5

