

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110217\
 Data File : BG030685.D
 Acq On : 3 Nov 2017 5:32
 Operator : SJ/JU
 Sample : I6252-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 03 06:57:38 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	61053	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	267506	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	189677	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	481571	20.00	ng	0.00
75) Chrysene-d12	21.78	240	520336	20.00	ng	-0.01
86) Perylene-d12	25.09	264	512288	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	455269	124.57	ng	0.00
7) Phenol-d6	7.31	99	559888	109.14	ng	0.00
23) Nitrobenzene-d5	9.32	82	392077	93.14	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	362183	147.89	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1070375	82.77	ng	0.00
78) Terphenyl-d14	20.10	244	1869488	81.73	ng	0.00

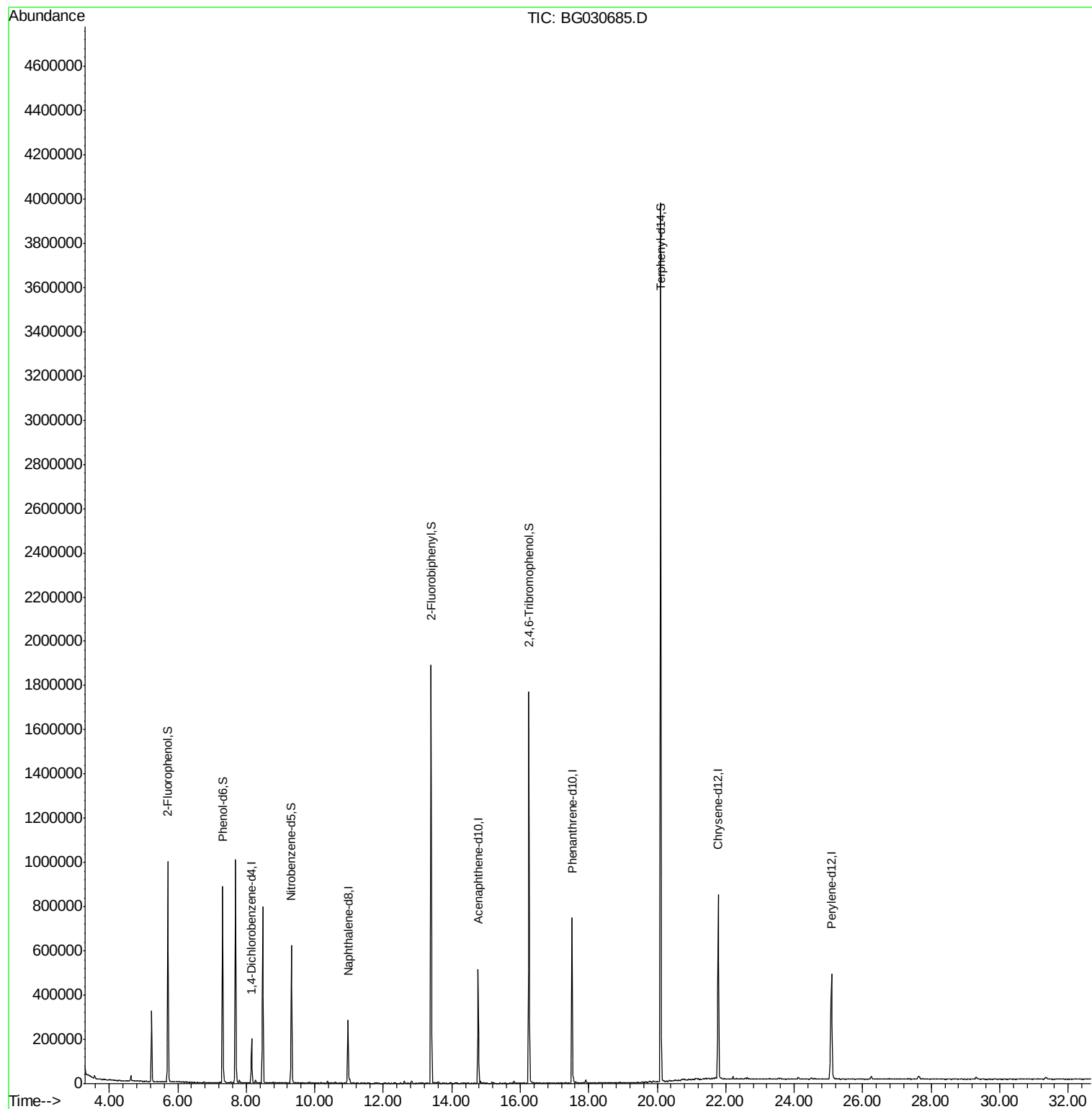
Target Compounds Qvalue

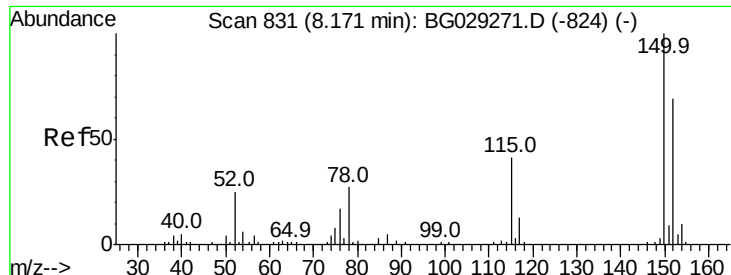
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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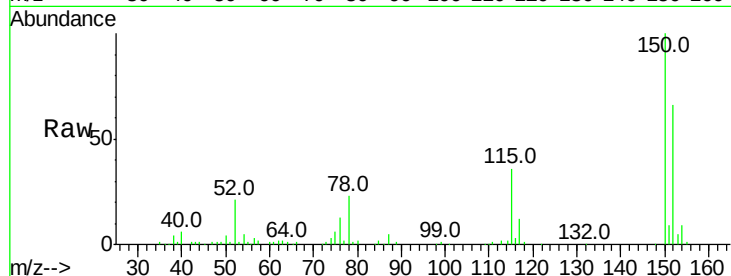


#1

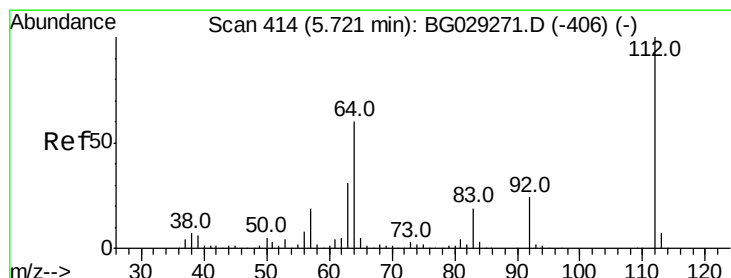
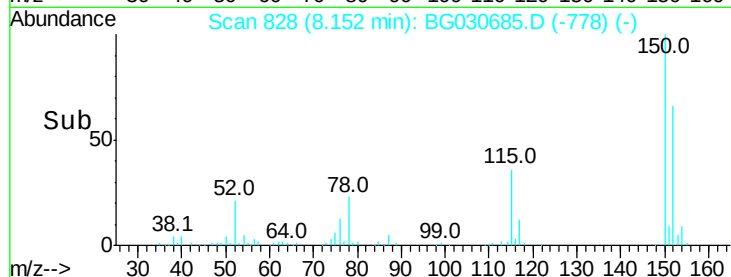
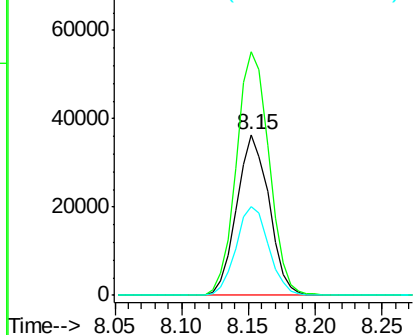
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG030685.D
Acq: 3 Nov 2017 5:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 61053
Ion Ratio Lower Upper
152 100
150 151.7 126.6 189.8
115 55.2 53.0 79.4



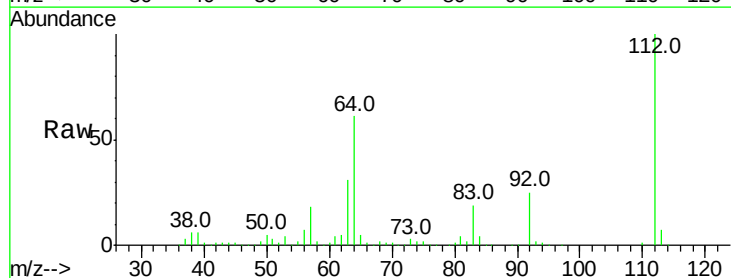
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



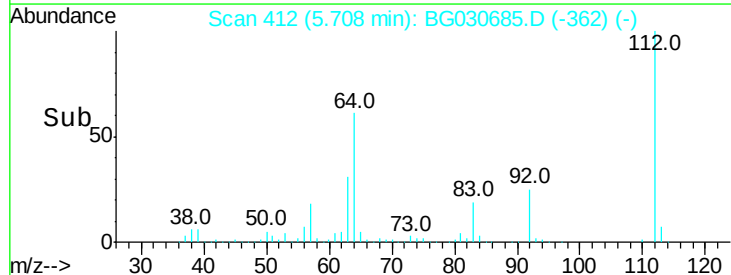
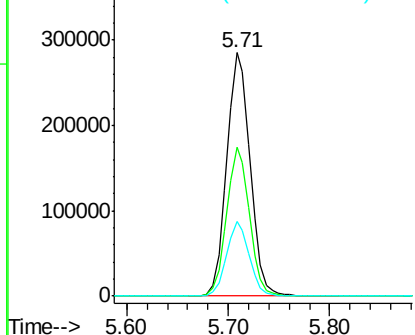
#5

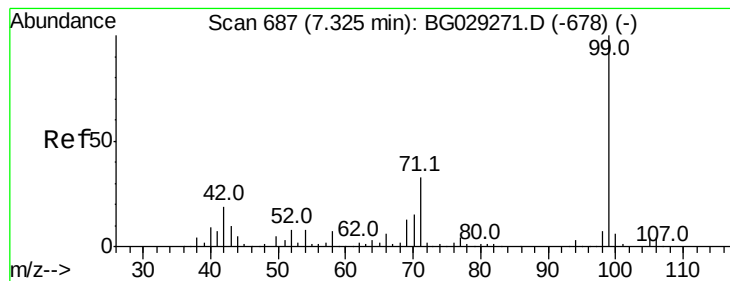
2-Fluorophenol
Concen: 124.572 ng
RT: 5.71 min Scan# 412
Delta R.T. -0.01 min
Lab File: BG030685.D
Acq: 3 Nov 2017 5:32

Tgt Ion:112 Resp: 455269
Ion Ratio Lower Upper
112 100
64 61.3 56.3 84.5
63 30.9 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: 109.142 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG030685.D

Acq: 3 Nov 2017 5:32

Instrument :

BNA_G

ClientSampleId :

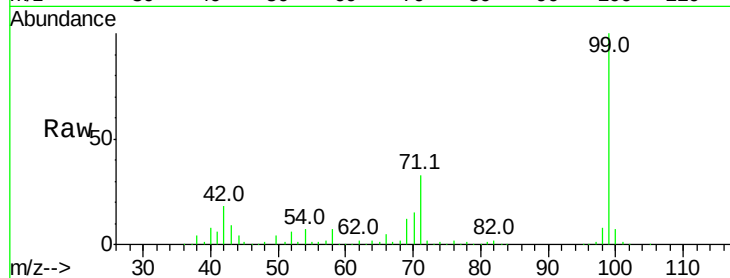
Tot Ion: 99 Resp: 559888

Ion Ratio Lower Upper

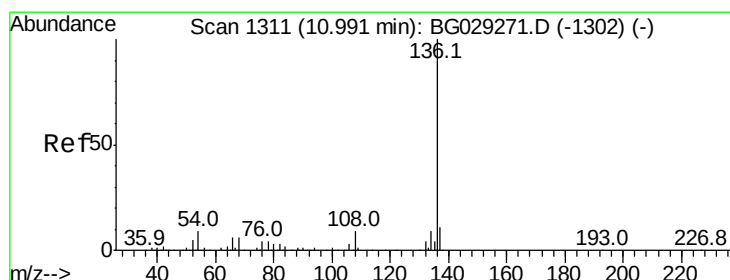
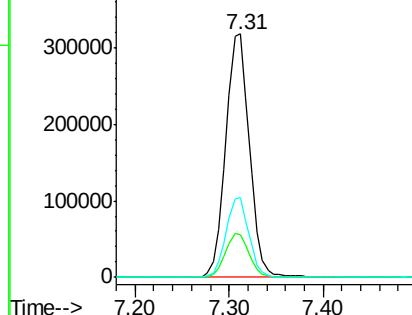
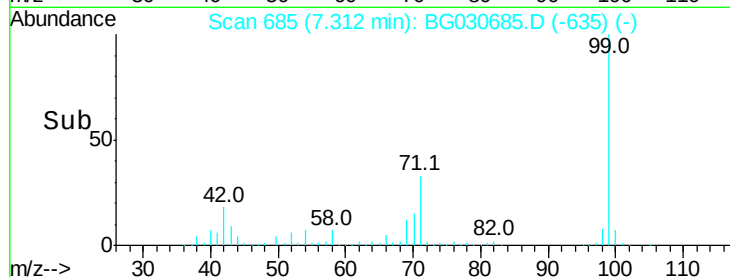
99 100

42 17.6 14.1 21.1

71 32.8 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: BG030685.D

Acq: 3 Nov 2017 5:32

Tgt Ion: 136 Resp: 267506

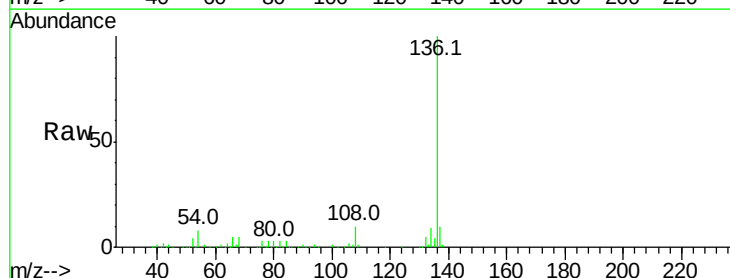
Ion Ratio Lower Upper

136 100

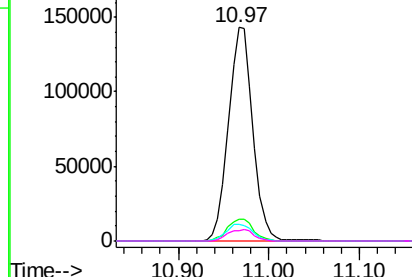
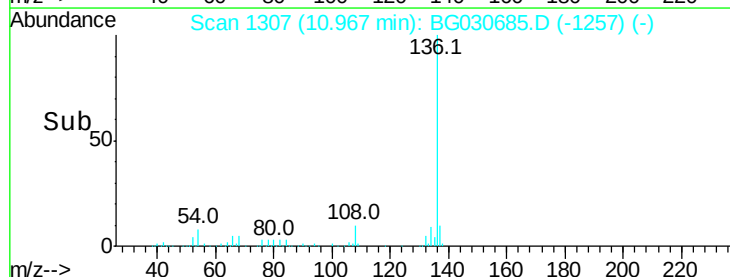
137 10.1 9.2 13.8

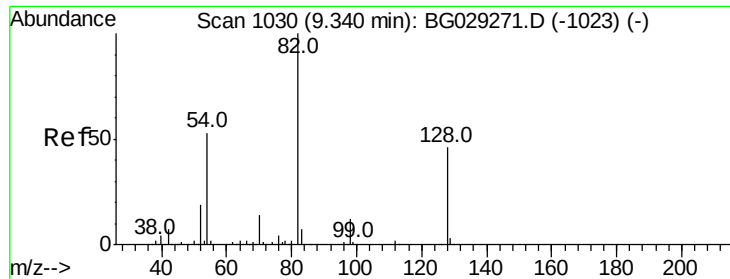
54 8.1 10.3 15.5#

68 4.9 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

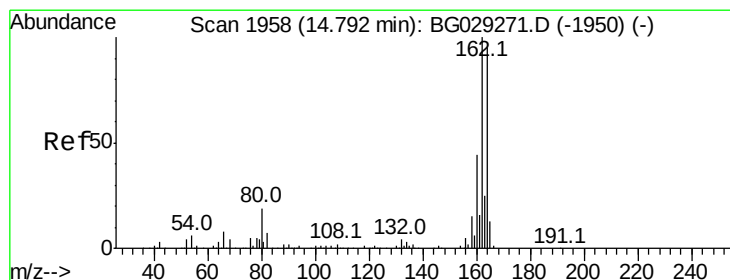
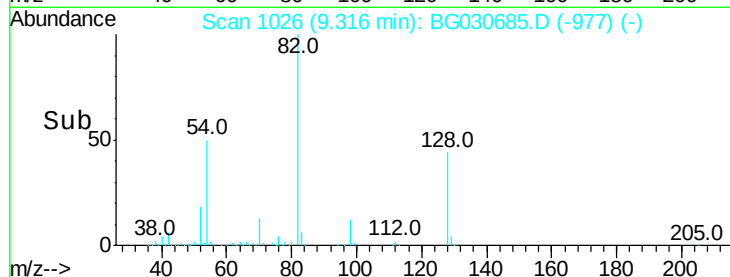
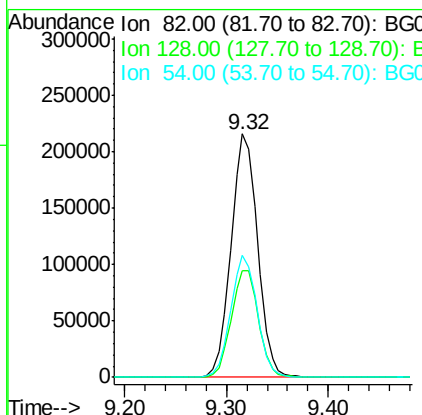
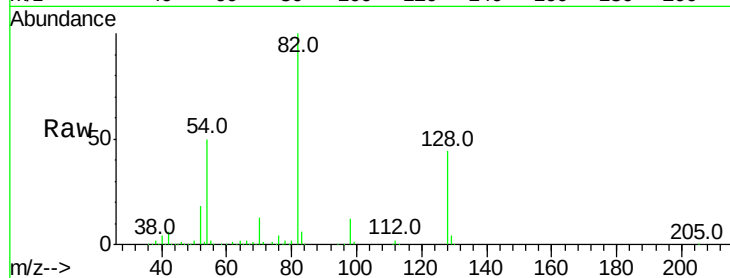




#23
Nitrobenzene-d5
Concen: 93.140 ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG030685.D
Acq: 3 Nov 2017 5:32

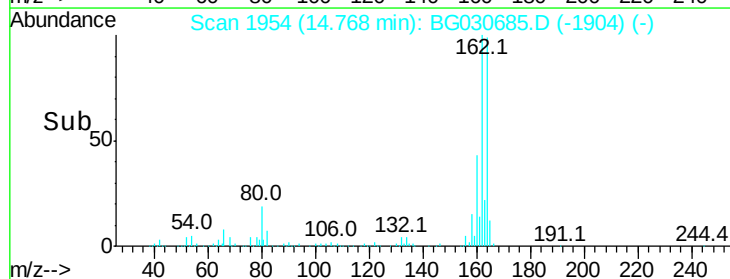
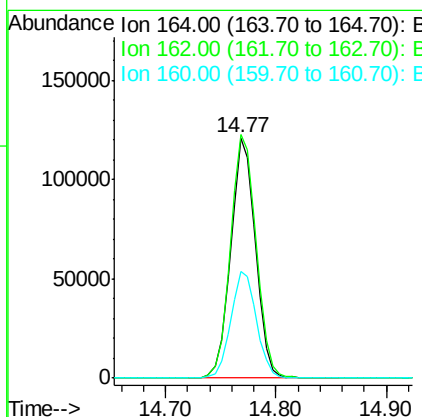
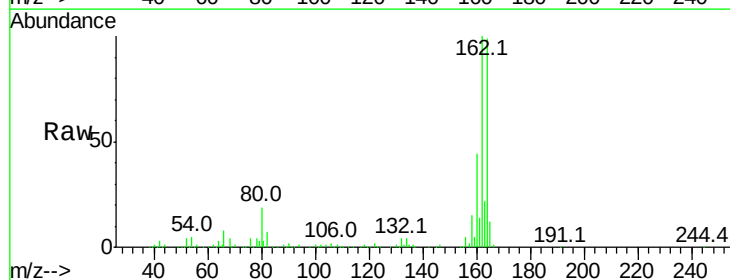
Instrument :
BNA_G
ClientSampled :

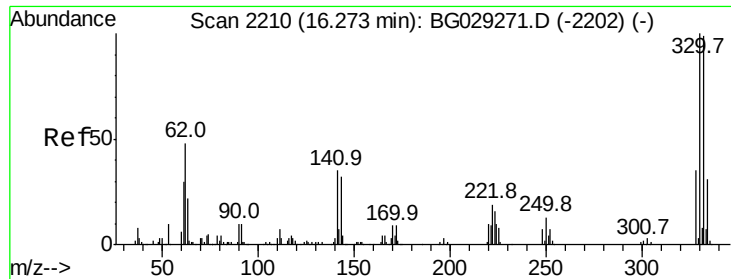
Tot Ion	82	Resp	392077
Ion	Ratio	Lower	Upper
82	100		
128	44.1	29.7	44.5
54	50.4	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG030685.D
Acq: 3 Nov 2017 5:32

Tgt Ion	164	Resp	189677
Ion	Ratio	Lower	Upper
164	100		
162	101.3	78.8	118.2
160	44.2	35.4	53.0

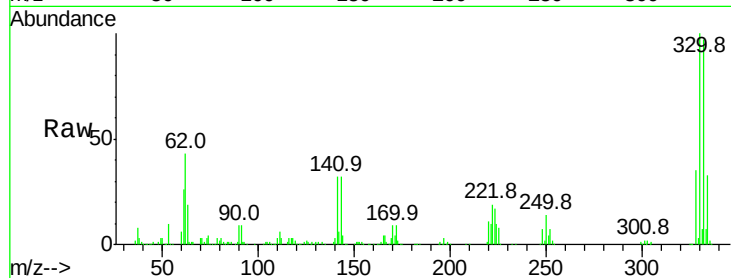




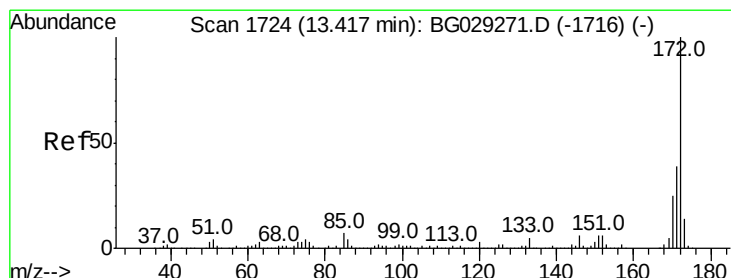
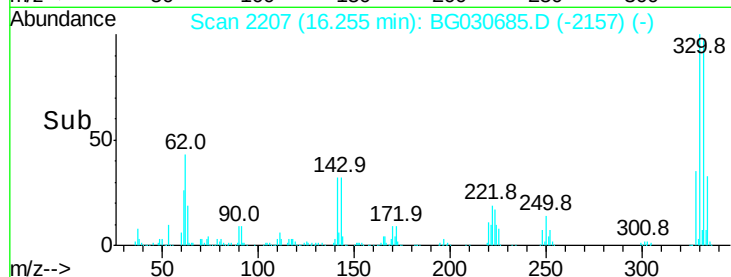
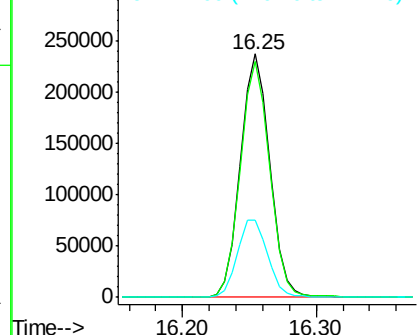
#41
 2,4,6-Tribromophenol
 Concen: 147.895 ng
 RT: 16.25 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BG030685.D
 Acq: 3 Nov 2017 5:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 362183
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 33.2 25.2 37.8

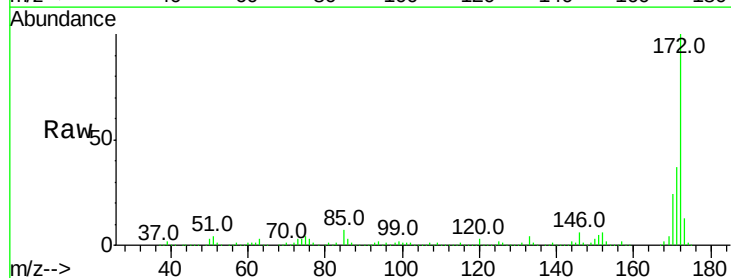


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

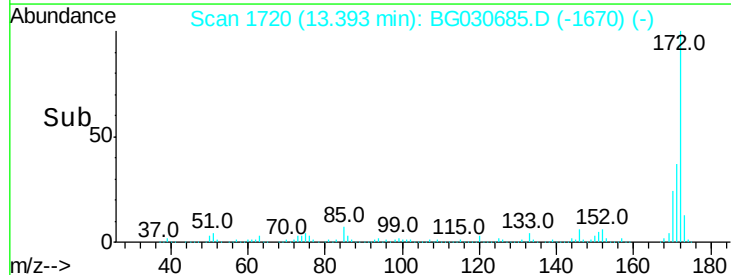
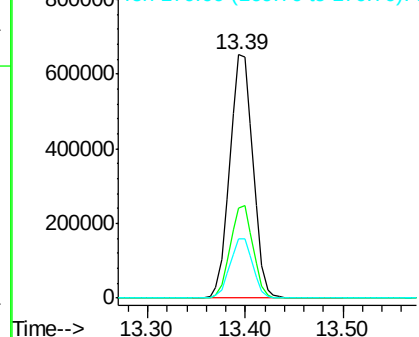


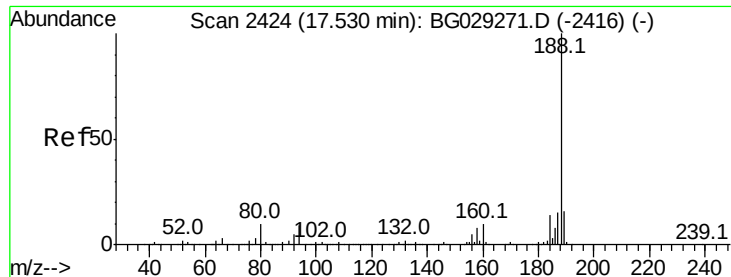
#44
 2-Fluorobiphenyl
 Concen: 82.765 ng
 RT: 13.39 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG030685.D
 Acq: 3 Nov 2017 5:32

Tgt Ion:172 Resp: 1070375
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.0 45.0
 170 24.2 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

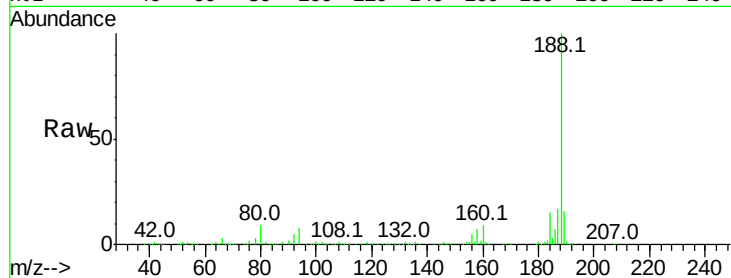




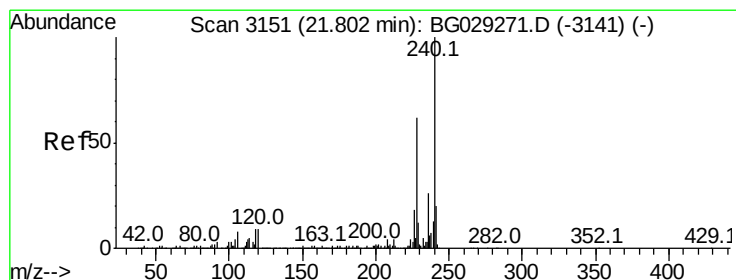
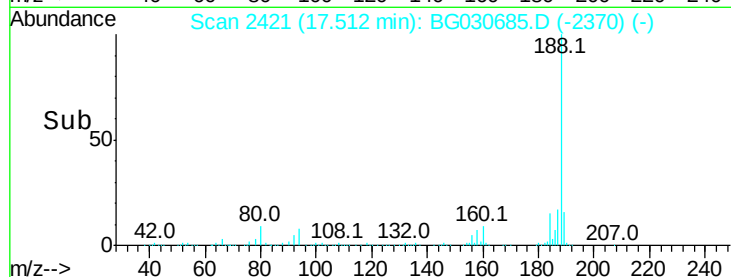
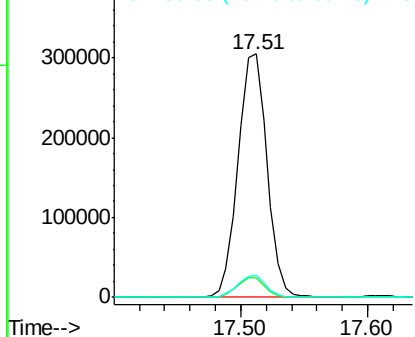
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BG030685.D
Acq: 3 Nov 2017 5:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 481571
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 9.3 7.7 11.5

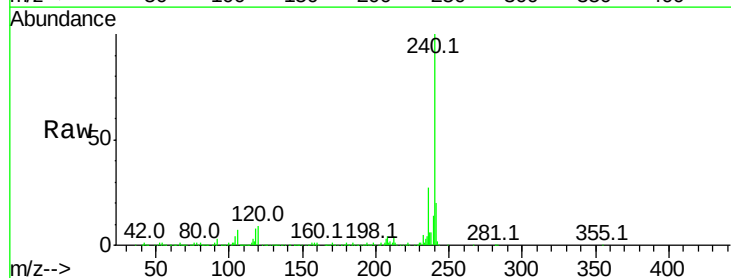


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

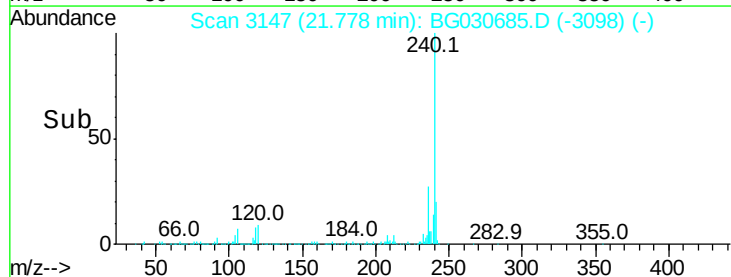
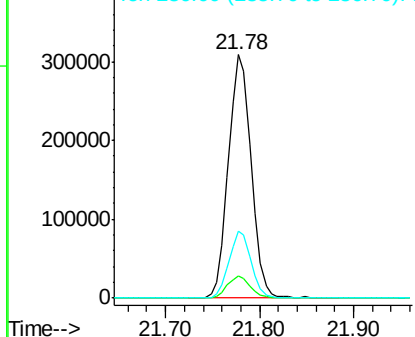


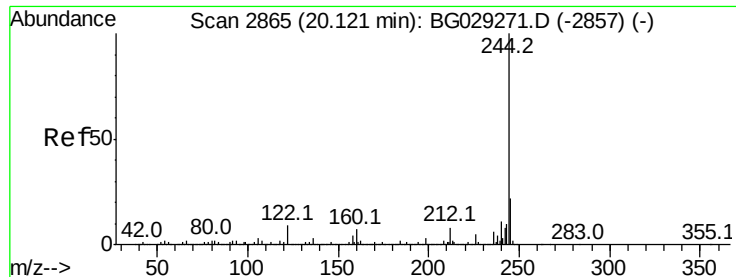
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG030685.D
Acq: 3 Nov 2017 5:32

Tgt Ion:240 Resp: 520336
Ion Ratio Lower Upper
240 100
120 9.0 6.8 10.2
236 27.4 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: 81.735 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG030685.D

Acq: 3 Nov 2017 5:32

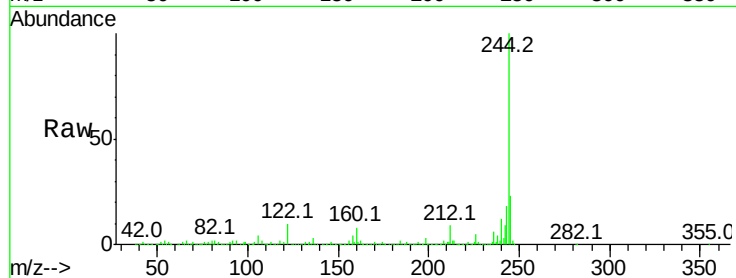
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1869488

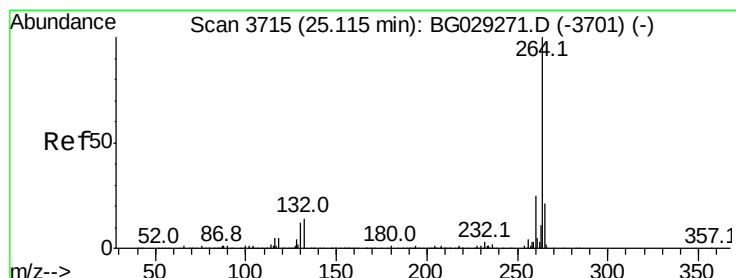
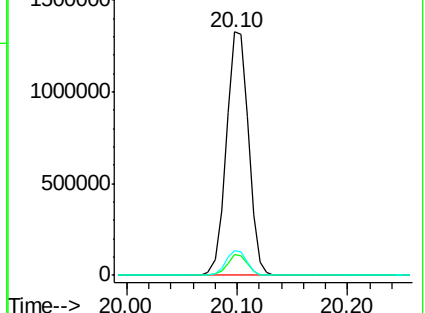
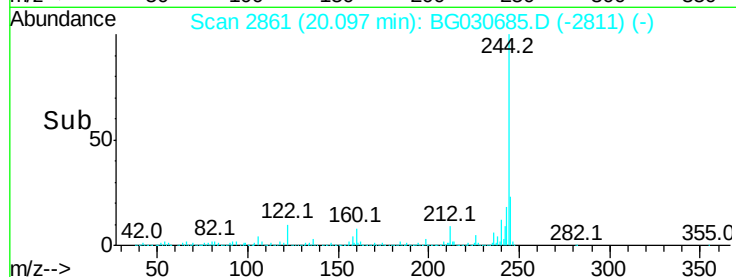
Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	9.9	7.0	10.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3710

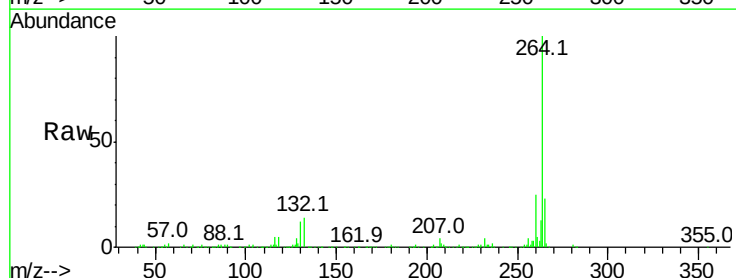
Delta R.T. -0.01 min

Lab File: BG030685.D

Acq: 3 Nov 2017 5:32

Tgt Ion:264 Resp: 512288

Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.4	26.0
265	22.7	17.7	26.5



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

