

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110217\
 Data File : BG030670.D
 Acq On : 2 Nov 2017 20:01
 Operator : SJ/JU
 Sample : PB103875BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 03 00:54:08 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	52647	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	241118	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	170811	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	436431	20.00	ng	0.00
75) Chrysene-d12	21.78	240	526392	20.00	ng	0.00
86) Perylene-d12	25.08	264	542386	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	345007	109.47	ng	0.00
7) Phenol-d6	7.31	99	461753	104.38	ng	0.00
23) Nitrobenzene-d5	9.32	82	264433	69.69	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	254043	115.19	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	811139	69.65	ng	0.00
78) Terphenyl-d14	20.10	244	1471085	63.58	ng	0.00

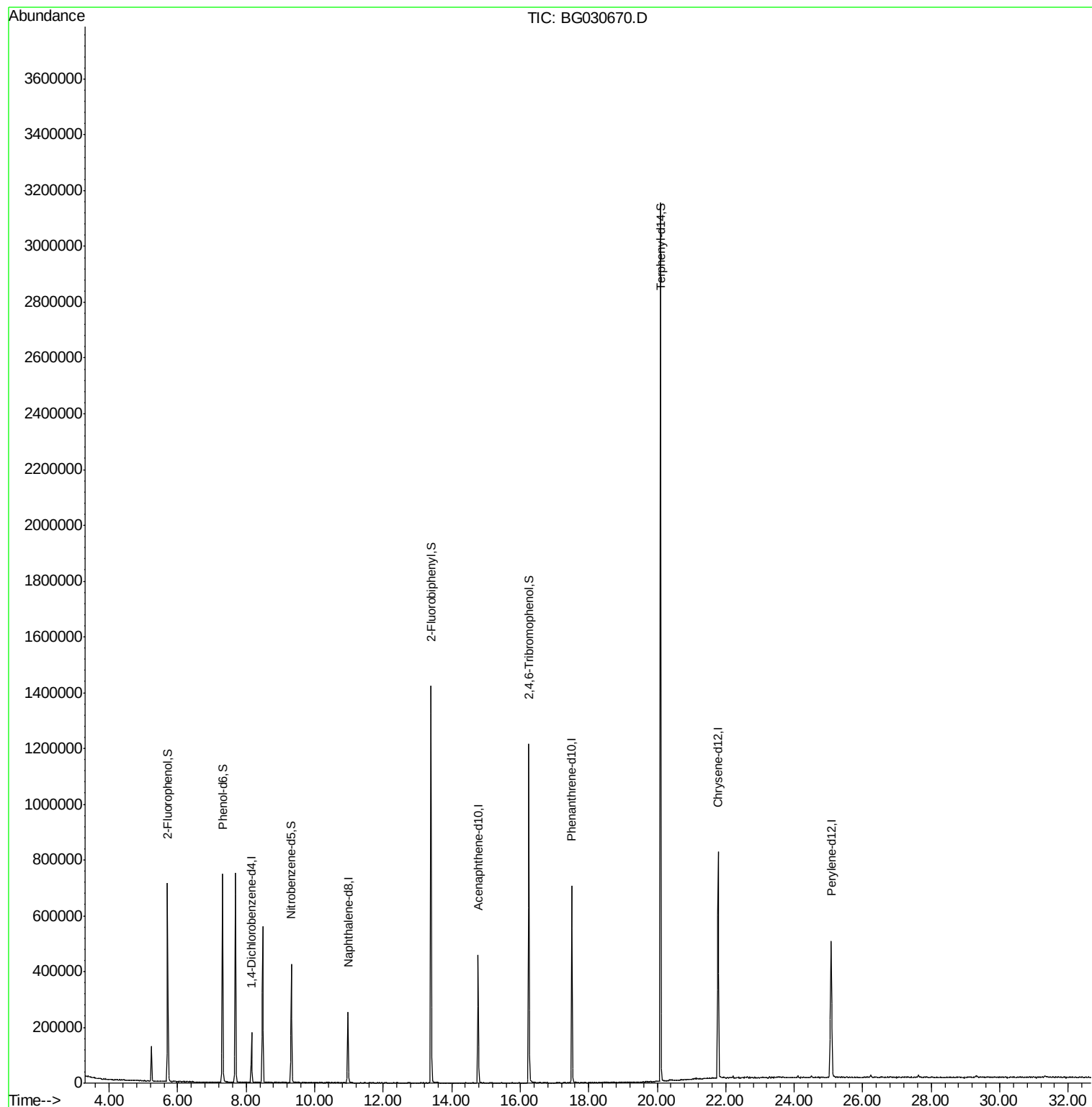
Target Compounds Qvalue

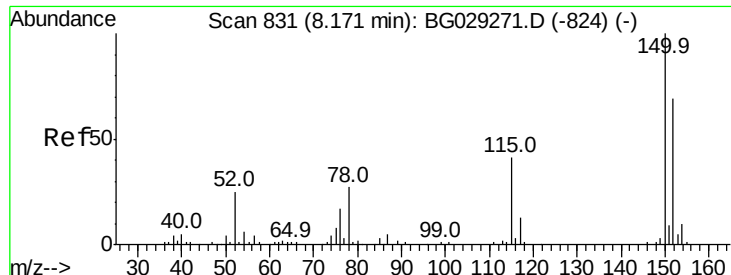
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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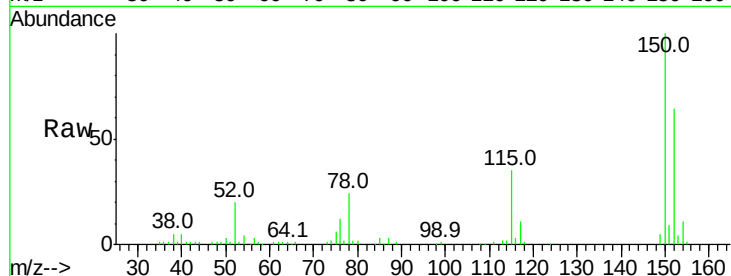


#1

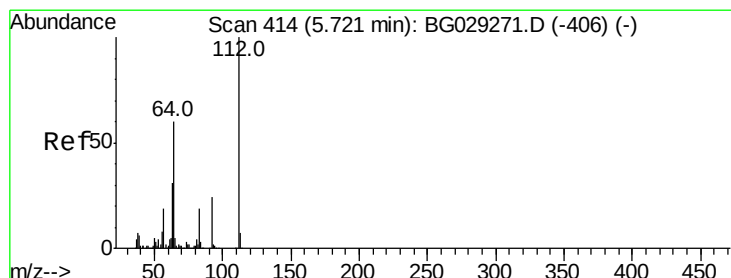
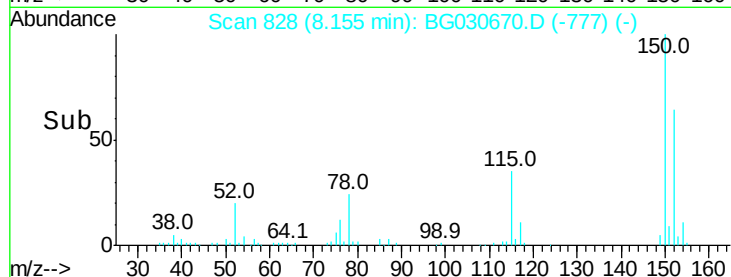
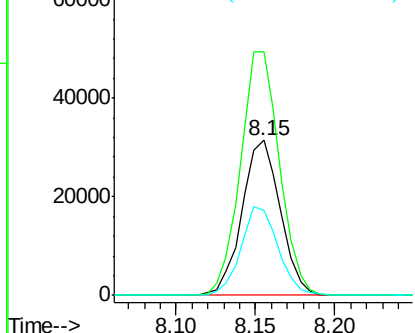
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG030670.D
Acq: 2 Nov 2017 20:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 52647
Ion Ratio Lower Upper
152 100
150 157.3 126.6 189.8
115 54.7 53.0 79.4



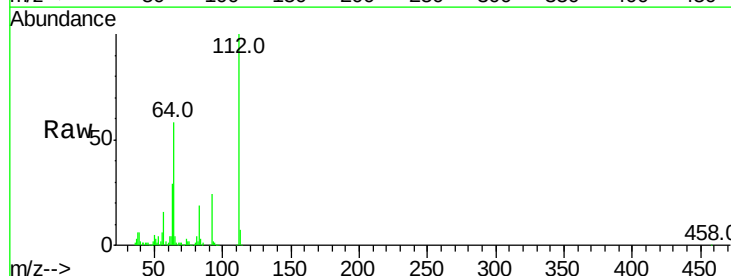
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



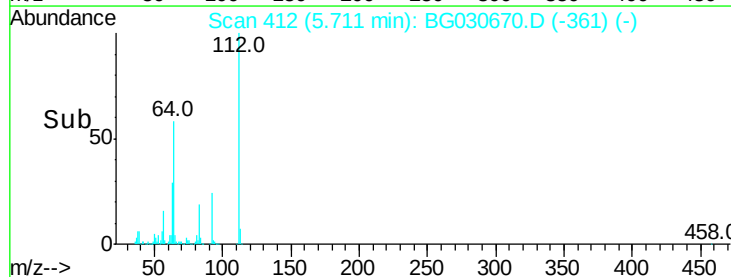
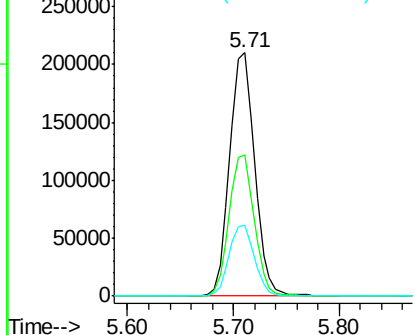
#5

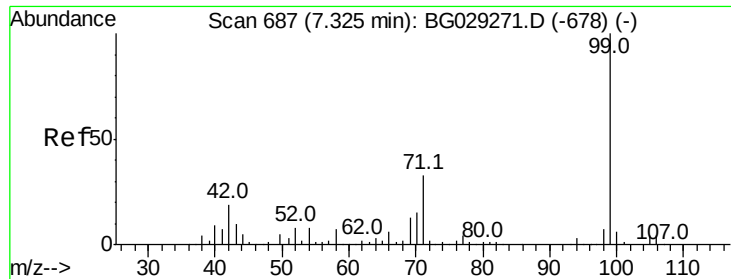
2-Fluorophenol
Concen: 109.475 ng
RT: 5.71 min Scan# 412
Delta R.T. -0.00 min
Lab File: BG030670.D
Acq: 2 Nov 2017 20:01

Tgt Ion:112 Resp: 345007
Ion Ratio Lower Upper
112 100
64 57.8 56.3 84.5
63 29.0 30.1 45.1#



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: 104.384 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG030670.D

Acq: 2 Nov 2017 20:01

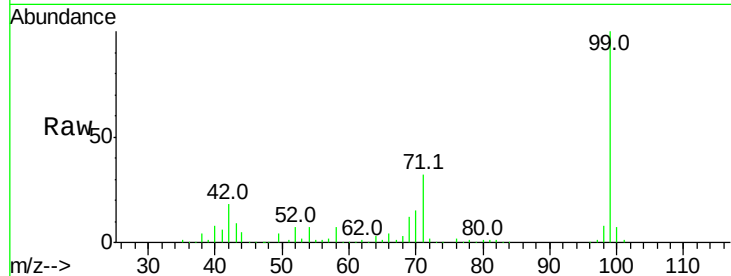
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 461753

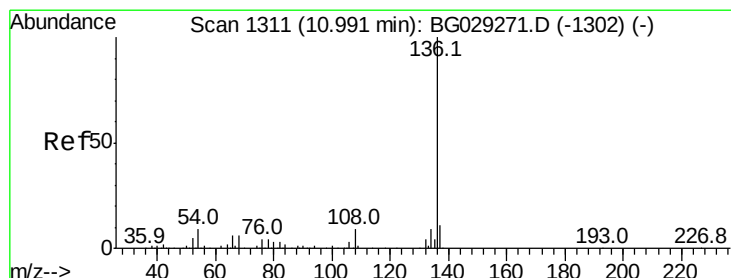
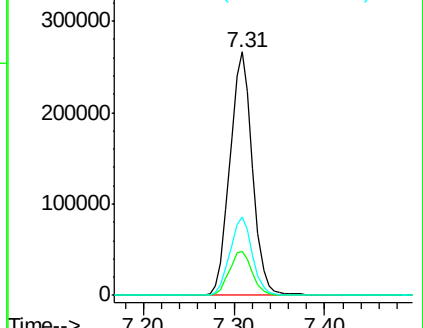
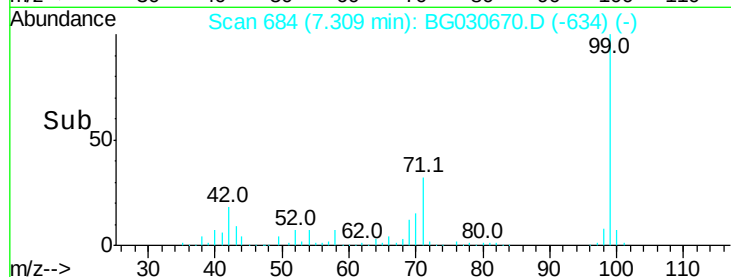
Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.1	21.1
71	32.4	26.1	39.1



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

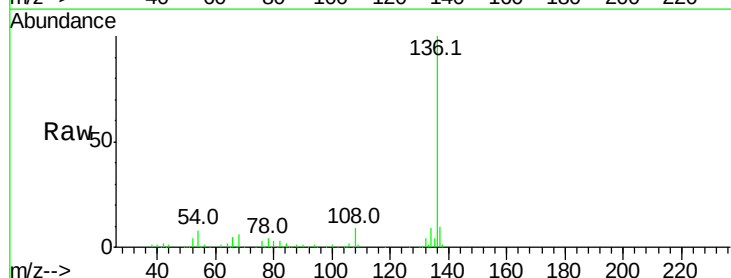
Delta R.T. -0.00 min

Lab File: BG030670.D

Acq: 2 Nov 2017 20:01

Tgt Ion: 136 Resp: 241118

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	8.2	10.3	15.5
68	6.2	4.5	6.7

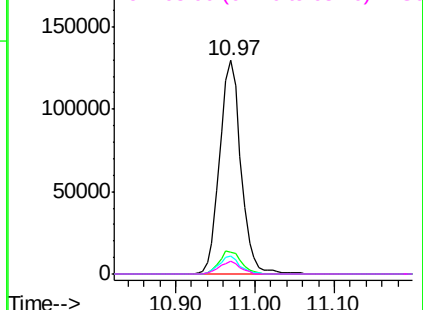
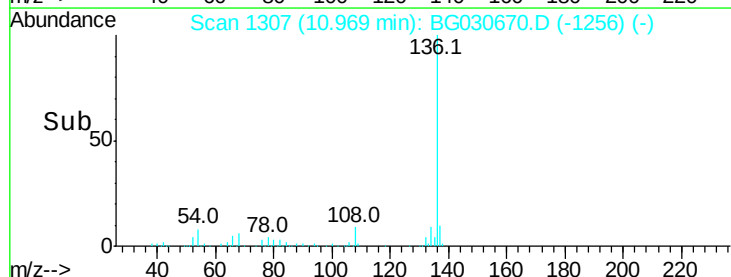


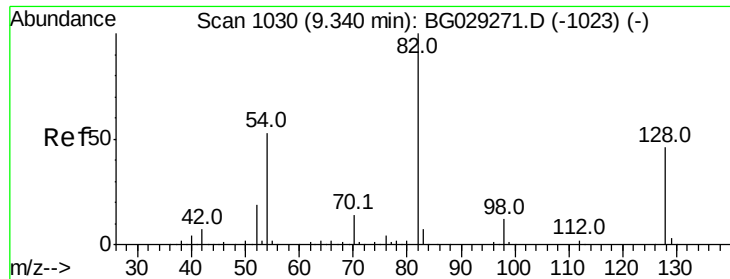
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

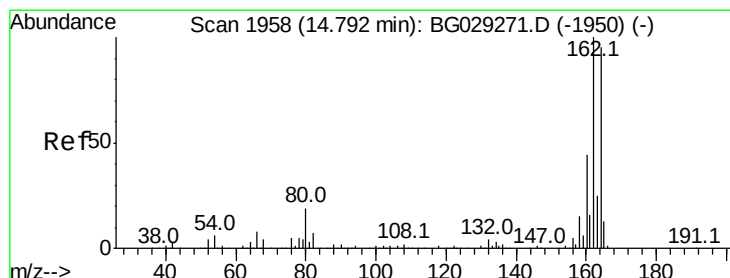
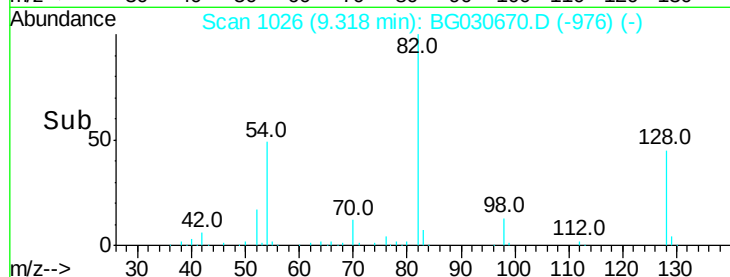
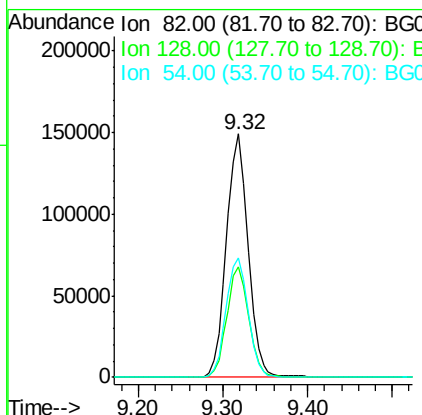
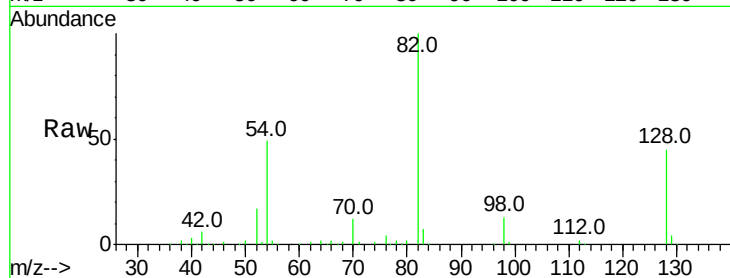




#23
Nitrobenzene-d5
Concen: 69.692 ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG030670.D
Acq: 2 Nov 2017 20:01

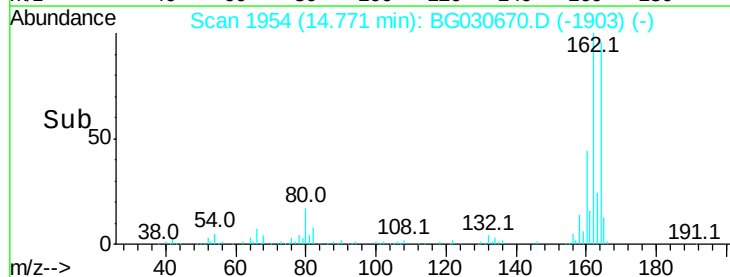
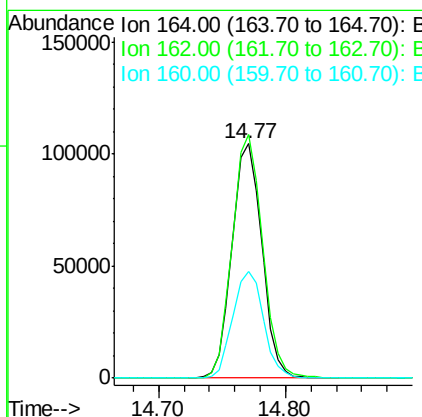
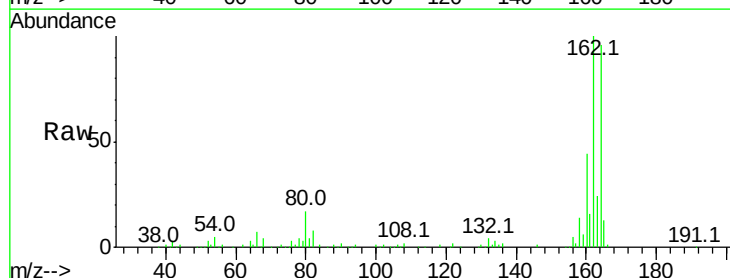
Instrument :
BNA_G
ClientSampleId :

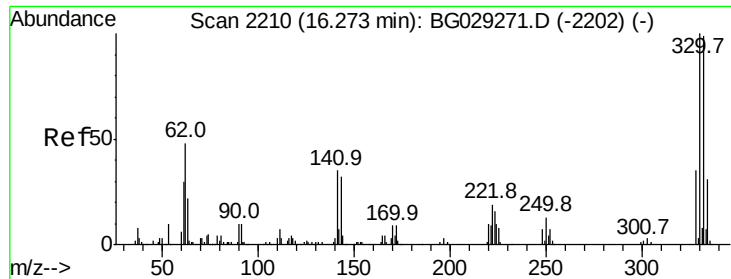
Tot Ion: 82 Resp: 264433
Ion Ratio Lower Upper
82 100
128 45.2 29.7 44.5#
54 49.2 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG030670.D
Acq: 2 Nov 2017 20:01

Tgt Ion:164 Resp: 170811
Ion Ratio Lower Upper
164 100
162 104.0 78.8 118.2
160 45.5 35.4 53.0

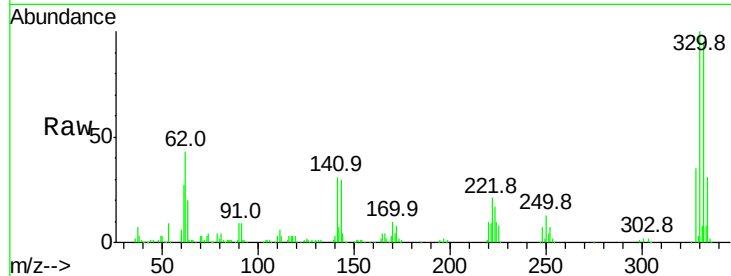




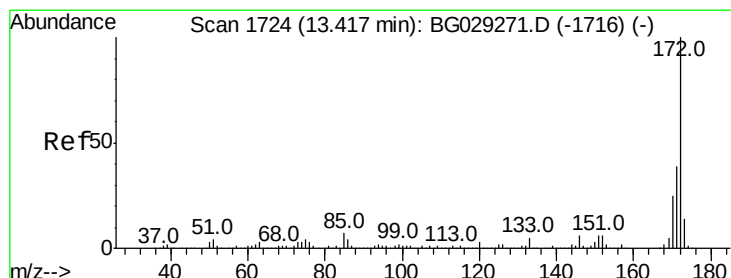
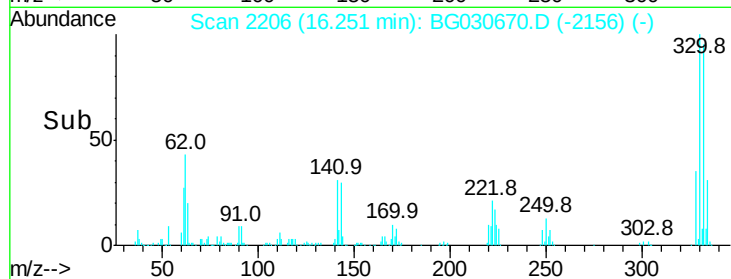
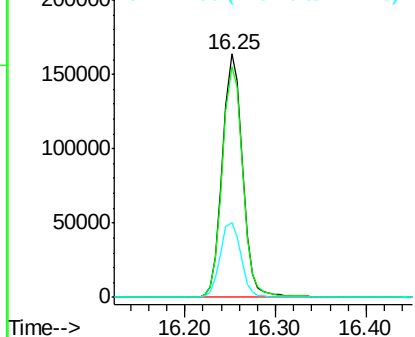
#41
 2,4,6-Tribromophenol
 Concen: 115.194 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG030670.D
 Acq: 2 Nov 2017 20:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	31.7	25.2	37.8

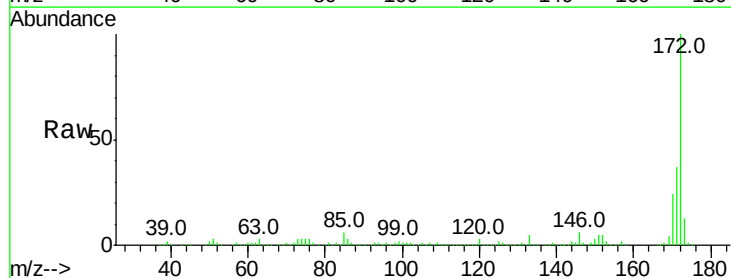


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

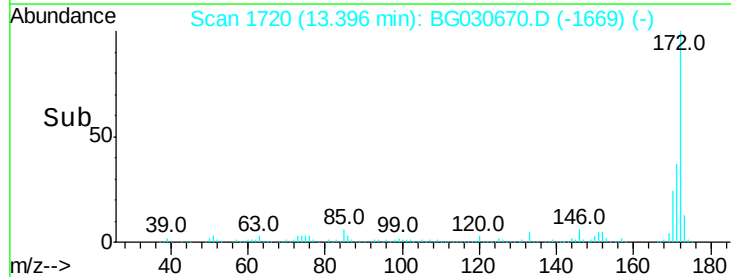
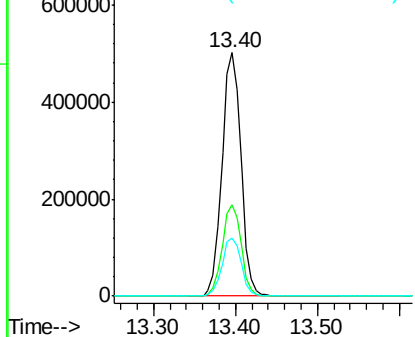


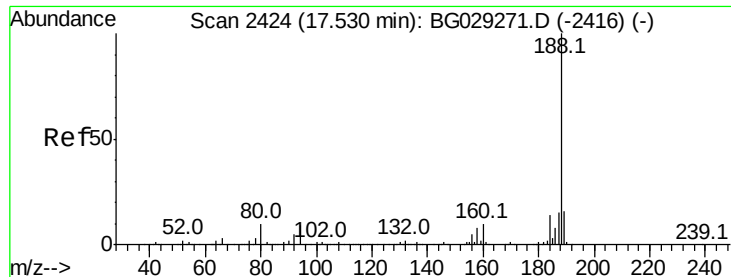
#44
 2-Fluorobiphenyl
 Concen: 69.648 ng
 RT: 13.40 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG030670.D
 Acq: 2 Nov 2017 20:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	23.9	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

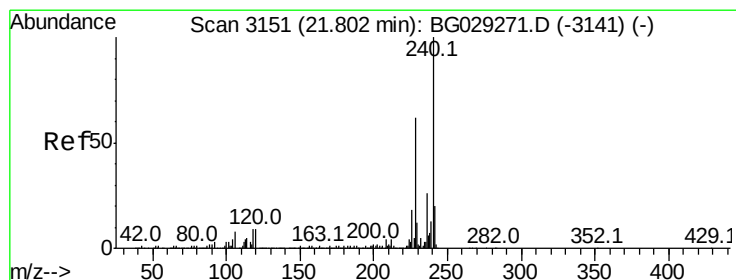
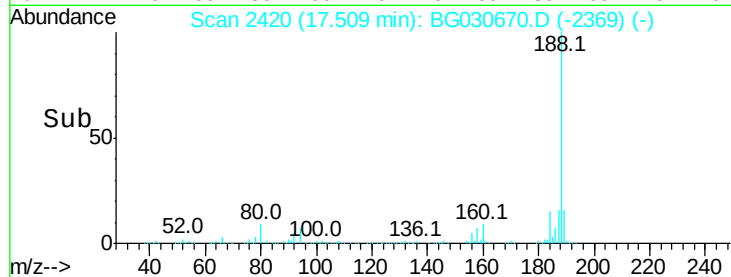
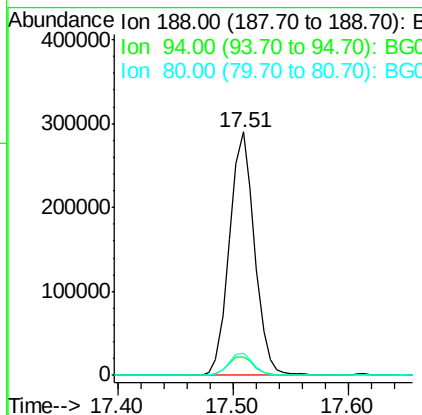
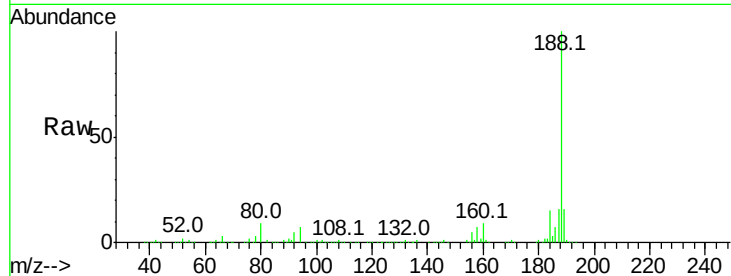




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2420
 Delta R.T. -0.00 min
 Lab File: BG030670.D
 Acq: 2 Nov 2017 20:01

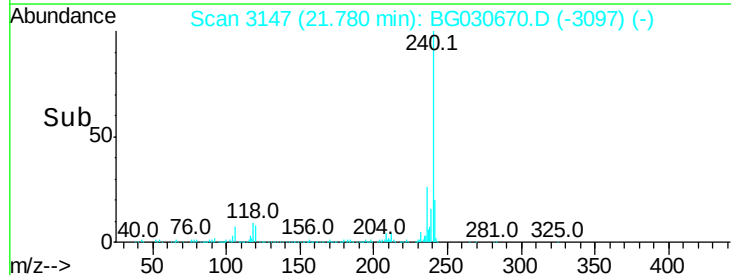
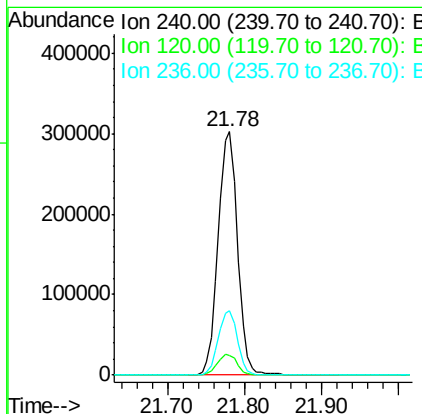
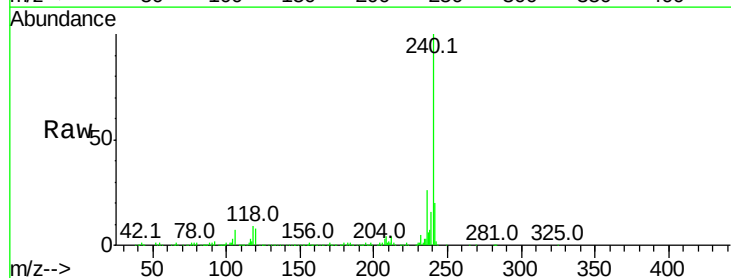
Instrument :
 BNA_G
 ClientSampleId :

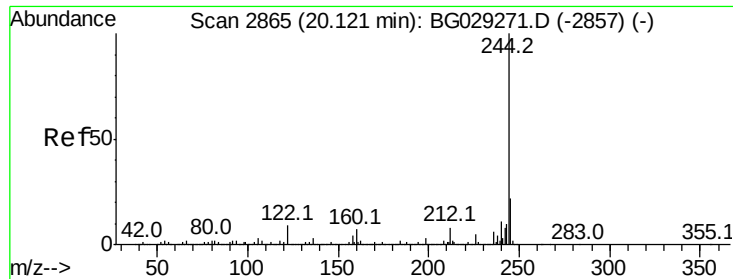
Tot Ion:188 Resp: 436431
 Ion Ratio Lower Upper
 188 100
 94 7.4 6.9 10.3
 80 8.9 7.7 11.5



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.78 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BG030670.D
 Acq: 2 Nov 2017 20:01

Tgt Ion:240 Resp: 526392
 Ion Ratio Lower Upper
 240 100
 120 8.3 6.8 10.2
 236 26.3 20.9 31.3





#78

Terphenyl-d14

Concen: 63.577 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG030670.D

Acq: 2 Nov 2017 20:01

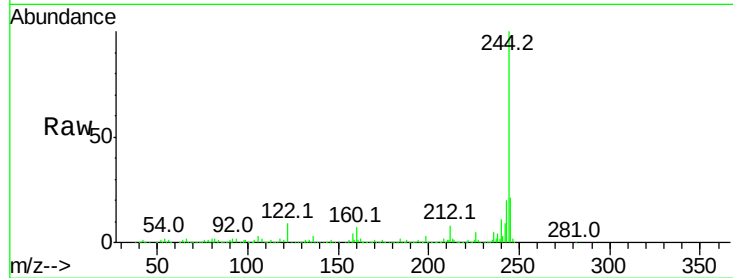
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1471085

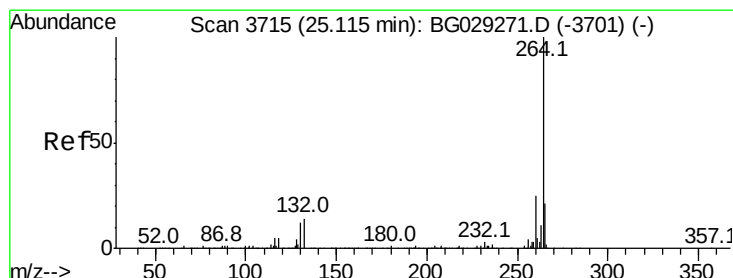
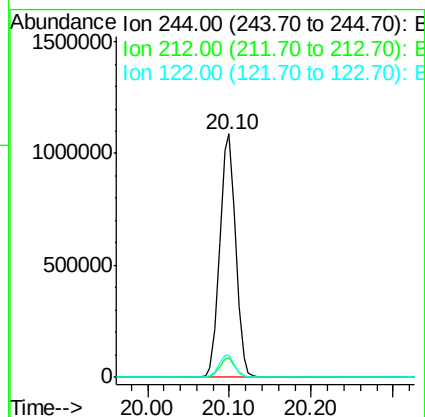
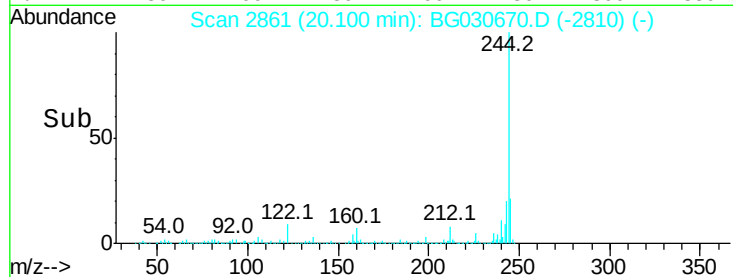
Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	9.0	7.0	10.4



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: 25.08 min Scan# 3709

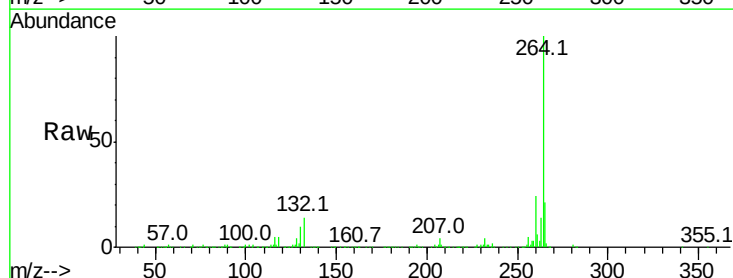
Delta R.T. -0.01 min

Lab File: BG030670.D

Acq: 2 Nov 2017 20:01

Tgt Ion:264 Resp: 542386

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.1	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

