

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110217\
 Data File : BG030684.D
 Acq On : 3 Nov 2017 4:55
 Operator : SJ/JU
 Sample : I6249-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

Quant Time: Nov 03 06:57:23 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	57083	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	248878	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	176785	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	458281	20.00	ng	0.00
75) Chrysene-d12	21.78	240	508627	20.00	ng	0.00
86) Perylene-d12	25.09	264	496128	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	481677	140.96	ng	0.00
7) Phenol-d6	7.31	99	578700	120.66	ng	-0.01
23) Nitrobenzene-d5	9.32	82	414323	105.79	ng	-0.01
41) 2,4,6-Tribromophenol	16.26	330	389631	170.71	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1126161	93.43	ng	0.00
78) Terphenyl-d14	20.10	244	2028288	90.72	ng	0.00

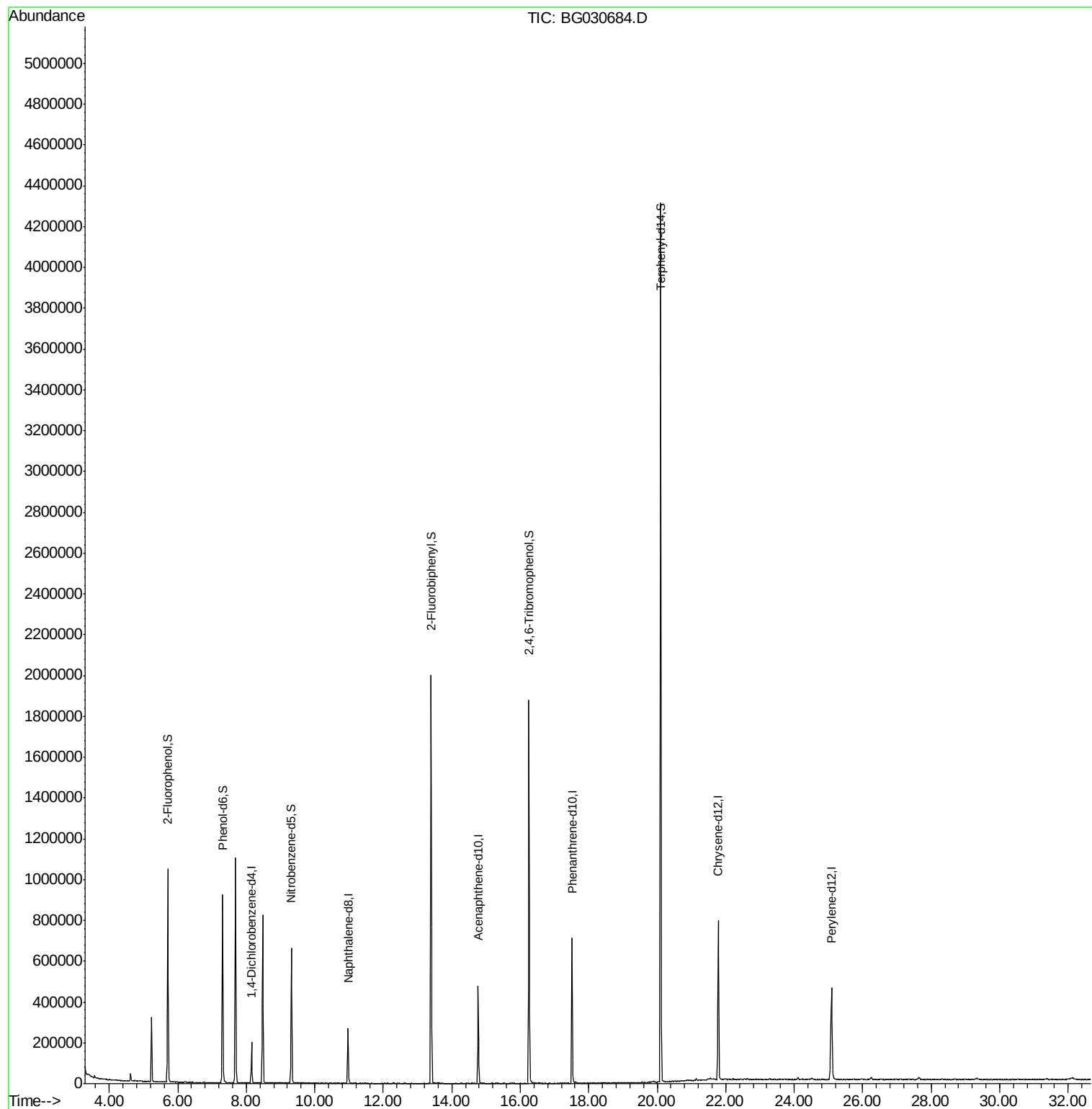
Target Compounds Qvalue

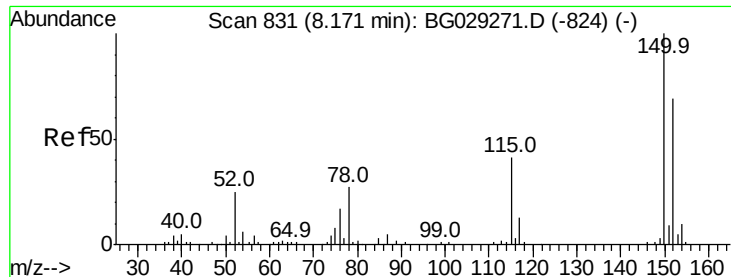
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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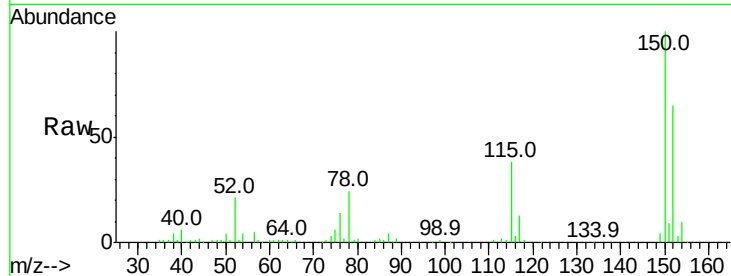


#1

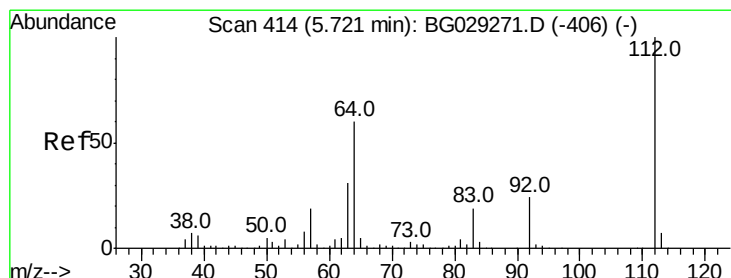
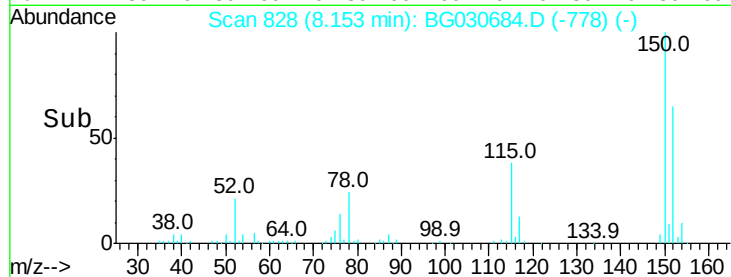
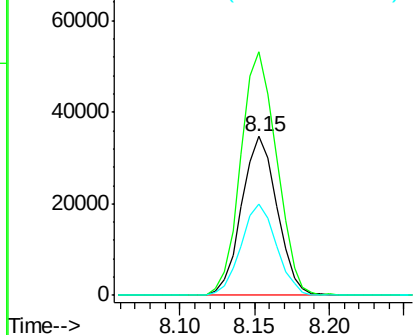
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG030684.D
Acq: 3 Nov 2017 4:55

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tot Ion:152 Resp: 57083
Ion Ratio Lower Upper
152 100
150 153.4 126.6 189.8
115 57.9 53.0 79.4



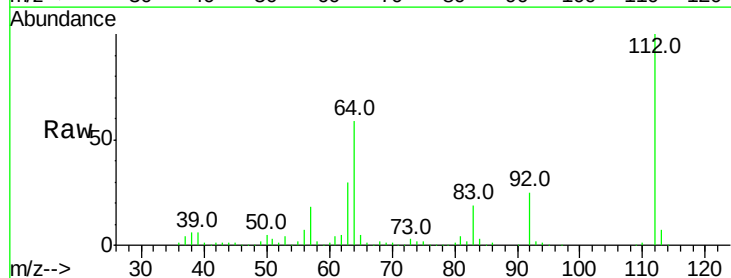
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



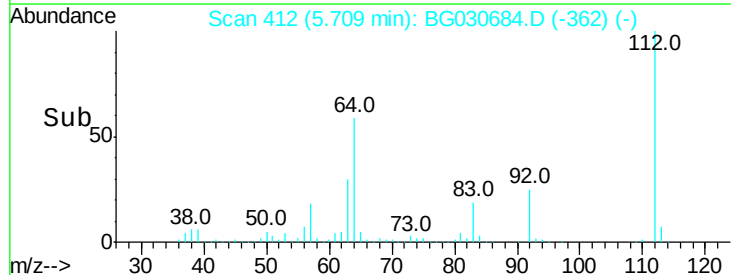
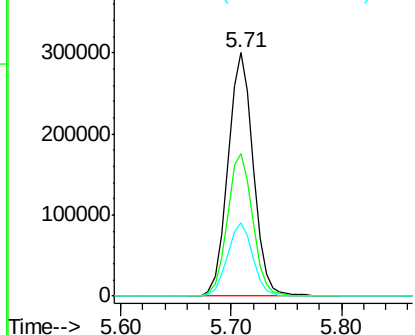
#5

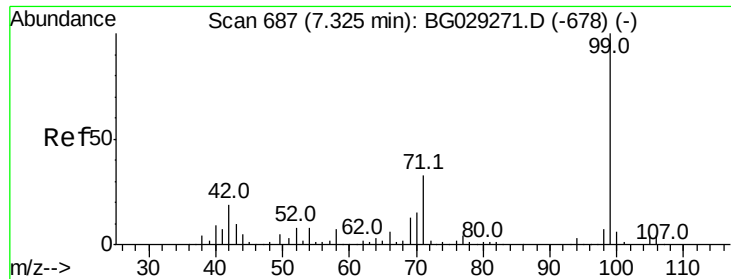
2-Fluorophenol
Concen: 140.964 ng
RT: 5.71 min Scan# 412
Delta R.T. -0.01 min
Lab File: BG030684.D
Acq: 3 Nov 2017 4:55

Tgt Ion:112 Resp: 481677
Ion Ratio Lower Upper
112 100
64 58.5 56.3 84.5
63 30.2 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: 120.655 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG030684.D

Acq: 3 Nov 2017 4:55

Instrument :

BNA_G

ClientSampleId :

COMP-2

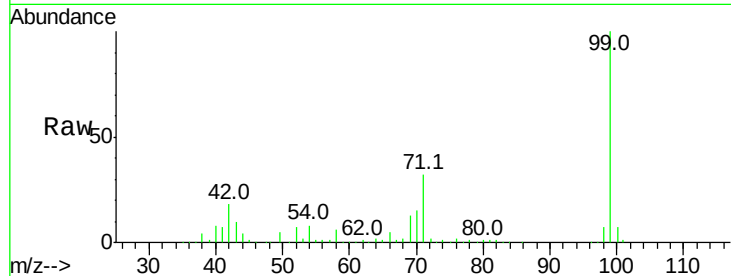
Tot Ion: 99 Resp: 578700

Ion Ratio Lower Upper

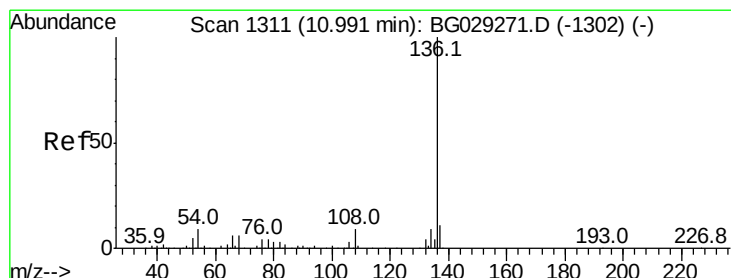
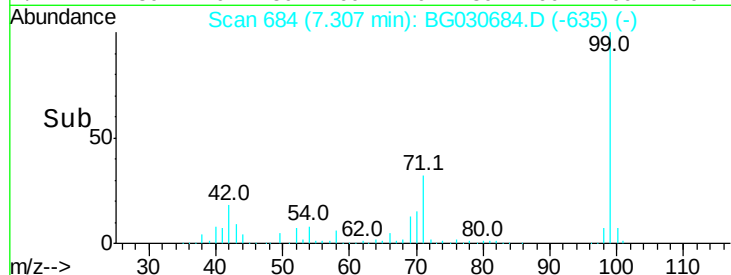
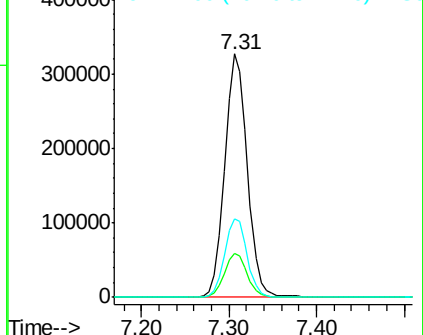
99 100

42 17.9 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. -0.01 min

Lab File: BG030684.D

Acq: 3 Nov 2017 4:55

Tgt Ion: 136 Resp: 248878

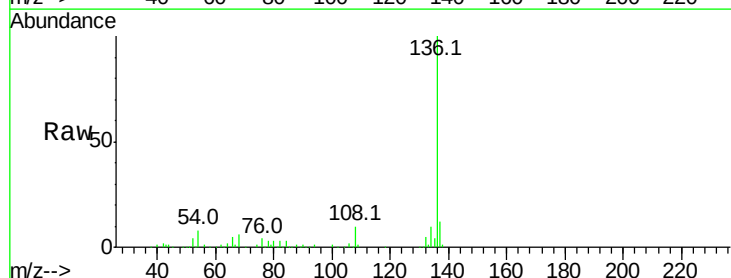
Ion Ratio Lower Upper

136 100

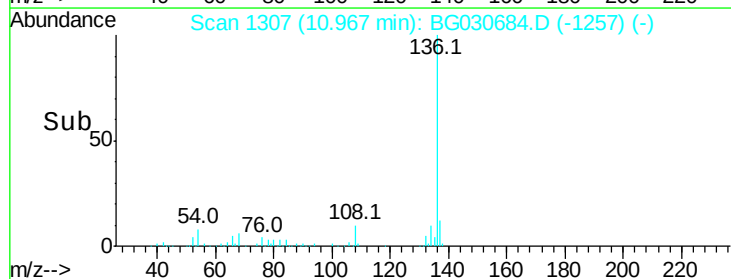
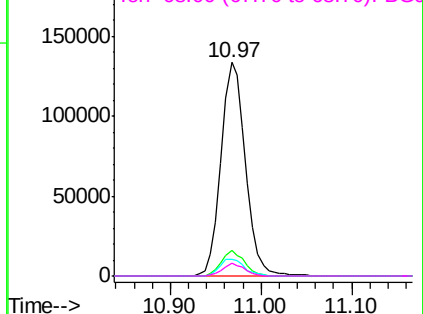
137 11.8 9.2 13.8

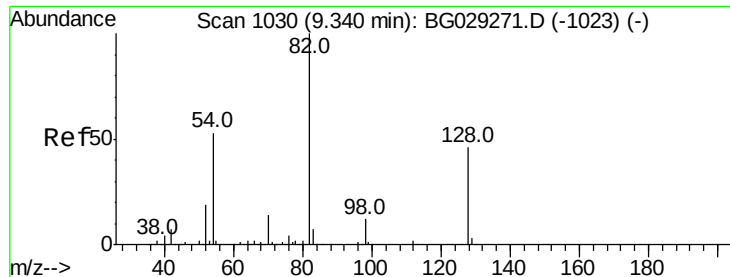
54 7.7 10.3 15.5#

68 5.8 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

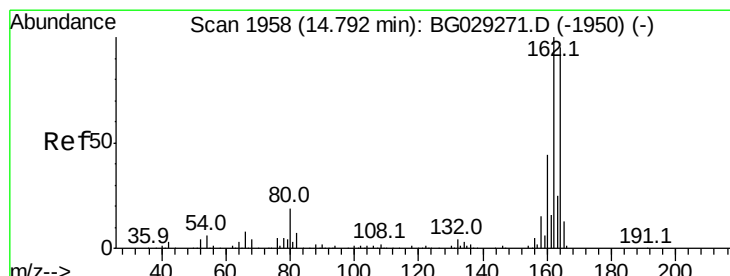
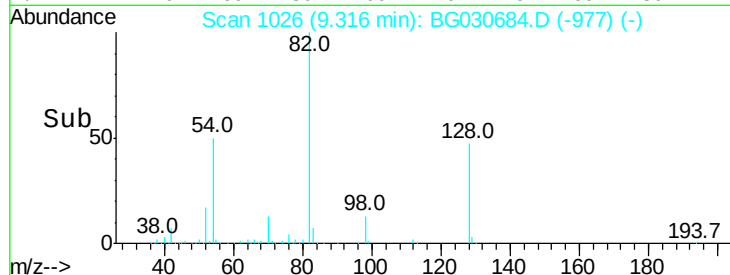
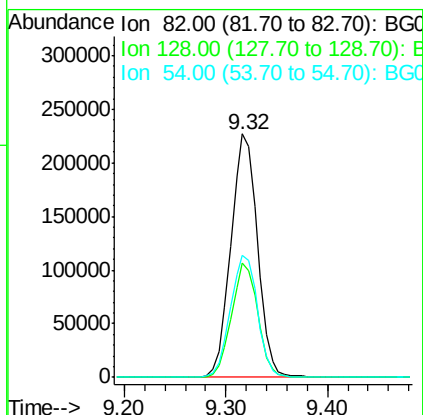
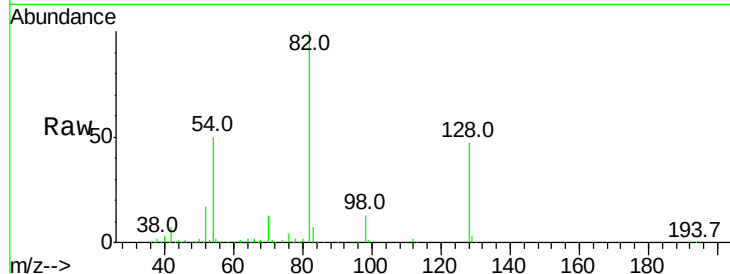




#23
Nitrobenzene-d5
Concen: 105.791 ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG030684.D
Acq: 3 Nov 2017 4:55

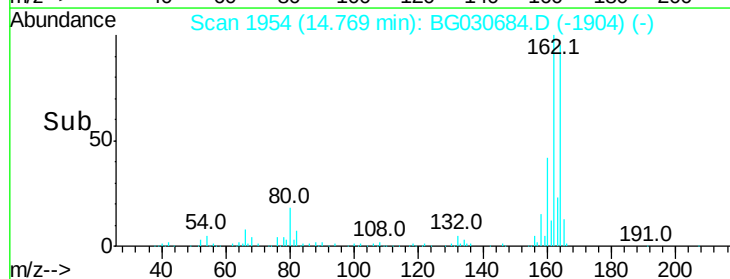
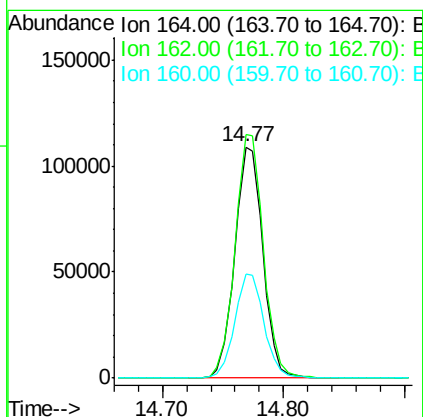
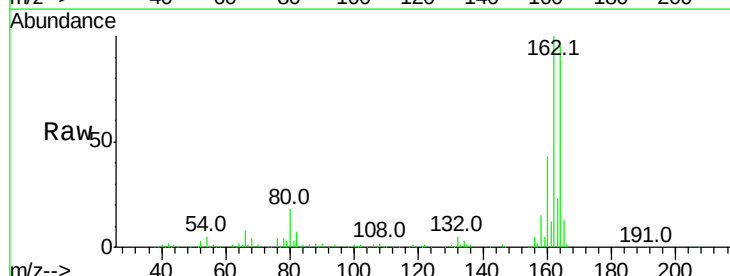
Instrument :
BNA_G
ClientSampleId :
COMP-2

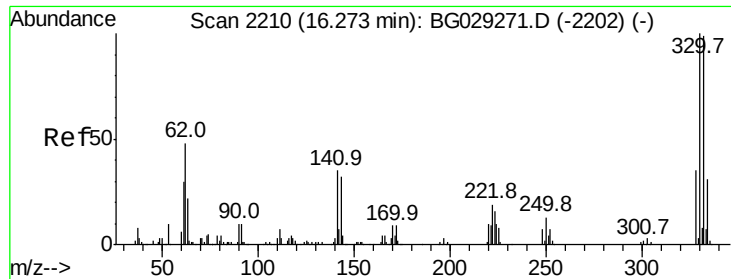
Tot Ion: 82 Resp: 414323
Ion Ratio Lower Upper
82 100
128 46.8 29.7 44.5#
54 50.1 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG030684.D
Acq: 3 Nov 2017 4:55

Tgt Ion: 164 Resp: 176785
Ion Ratio Lower Upper
164 100
162 105.3 78.8 118.2
160 45.1 35.4 53.0

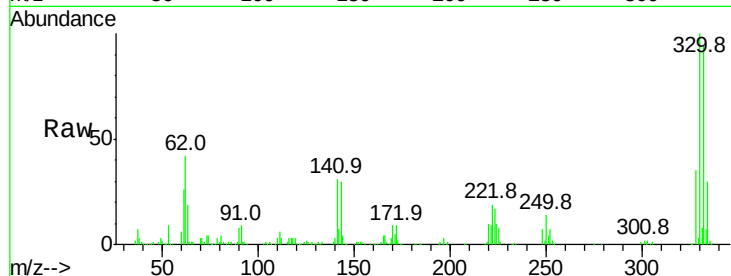




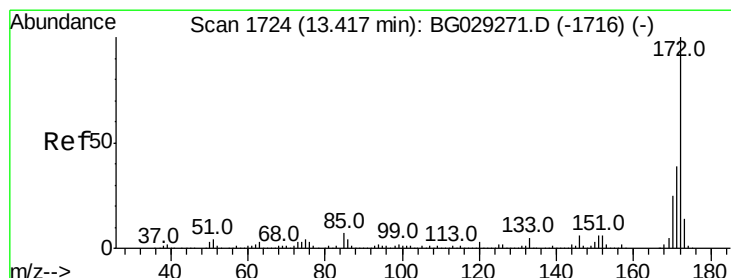
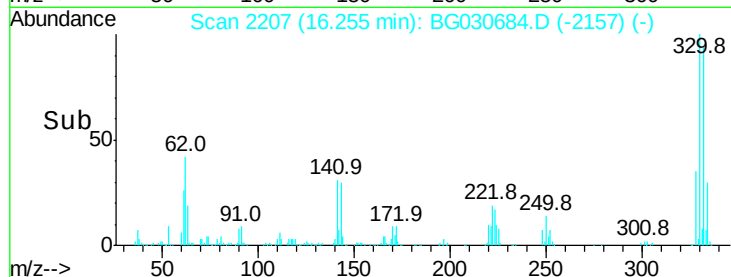
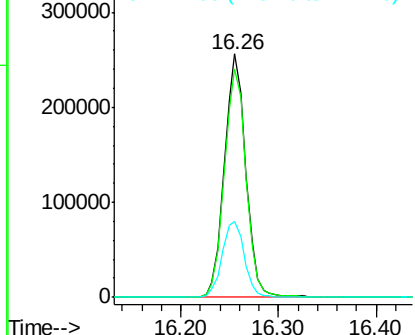
#41
 2,4,6-Tribromophenol
 Concen: 170.705 ng
 RT: 16.26 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BG030684.D
 Acq: 3 Nov 2017 4:55

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	32.6	25.2	37.8

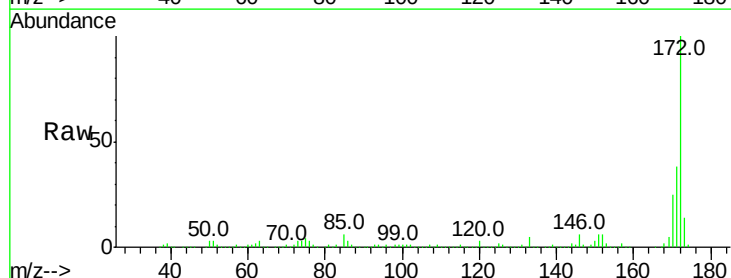


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

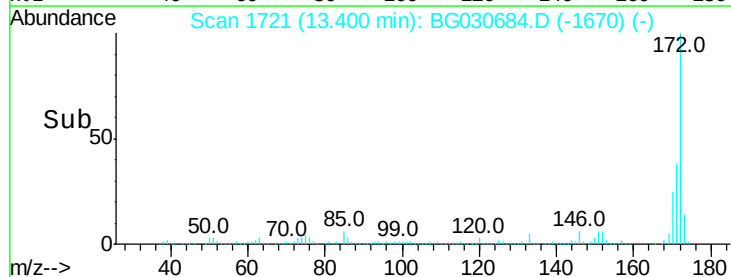
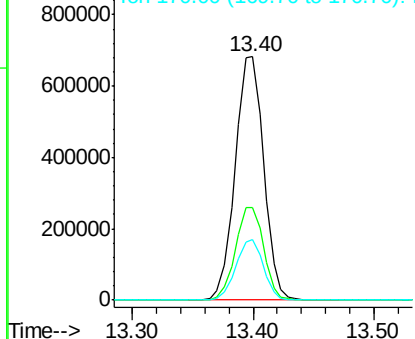


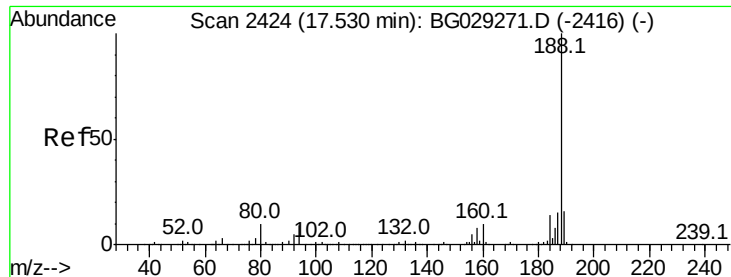
#44
 2-Fluorobiphenyl
 Concen: 93.429 ng
 RT: 13.40 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BG030684.D
 Acq: 3 Nov 2017 4:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	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

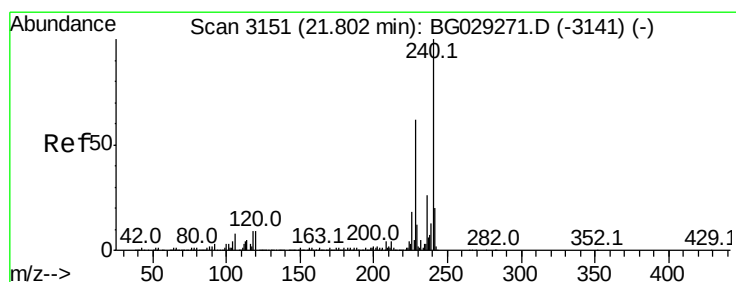
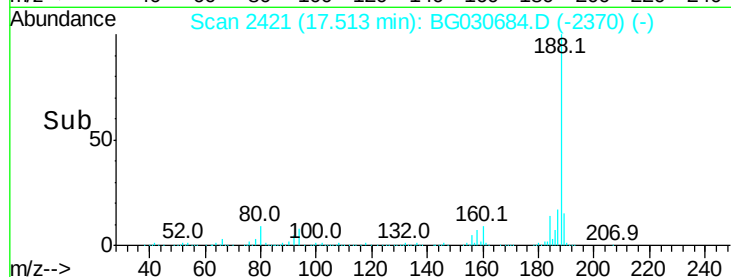
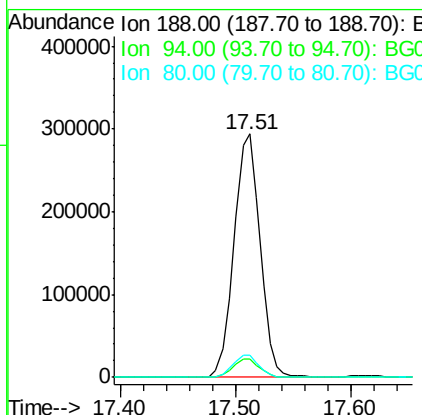
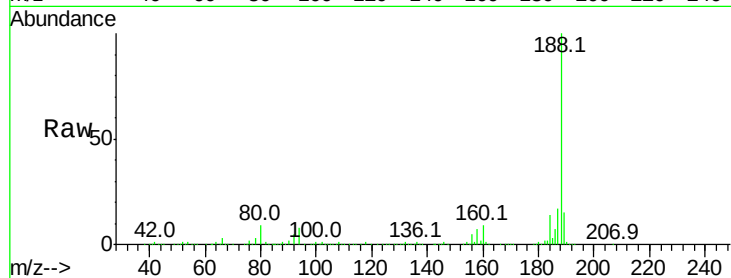




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: BG030684.D
 Acq: 3 Nov 2017 4:55

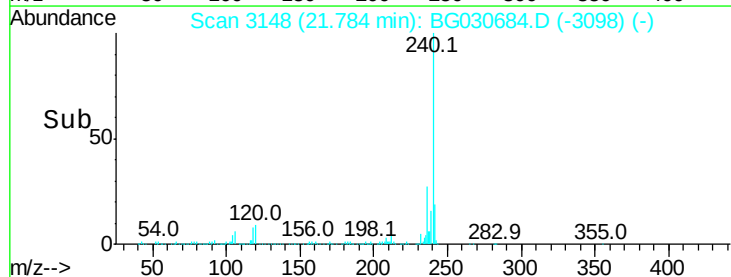
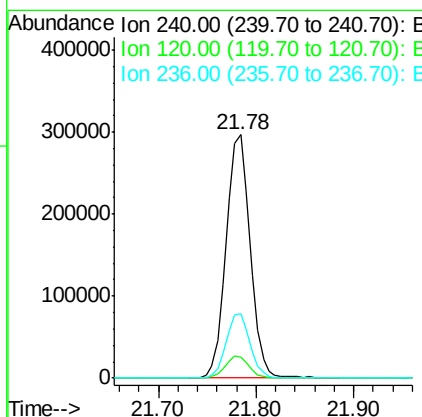
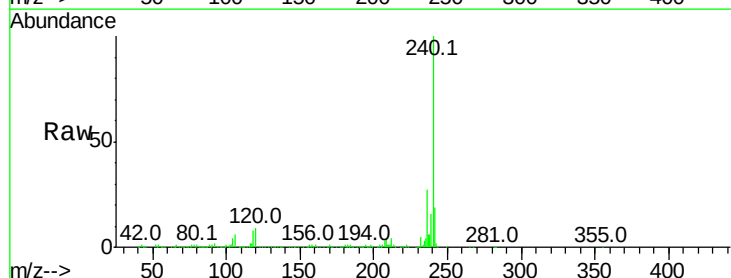
Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

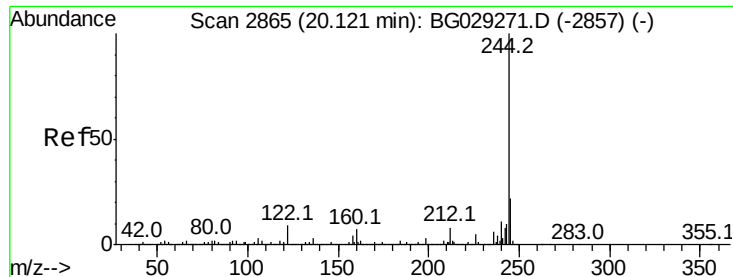
Tot Ion:188 Resp: 458281
 Ion Ratio Lower Upper
 188 100
 94 7.5 6.9 10.3
 80 9.0 7.7 11.5



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.78 min Scan# 3148
 Delta R.T. -0.01 min
 Lab File: BG030684.D
 Acq: 3 Nov 2017 4:55

Tgt Ion:240 Resp: 508627
 Ion Ratio Lower Upper
 240 100
 120 8.6 6.8 10.2
 236 26.5 20.9 31.3





#78

Terphenyl-d14

Concen: 90.719 ng

RT: 20.10 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG030684.D

Acq: 3 Nov 2017 4:55

Instrument :

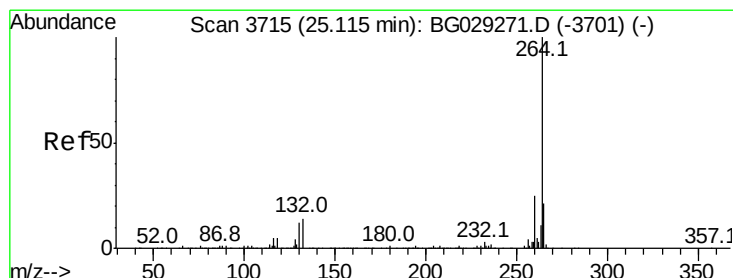
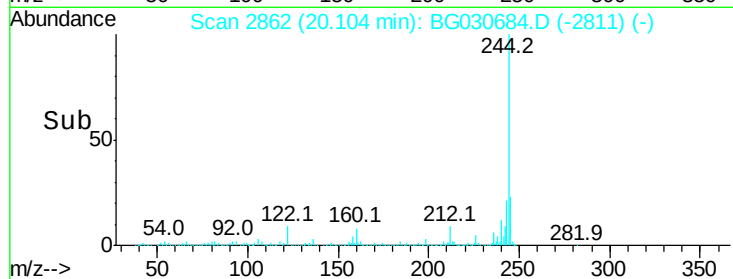
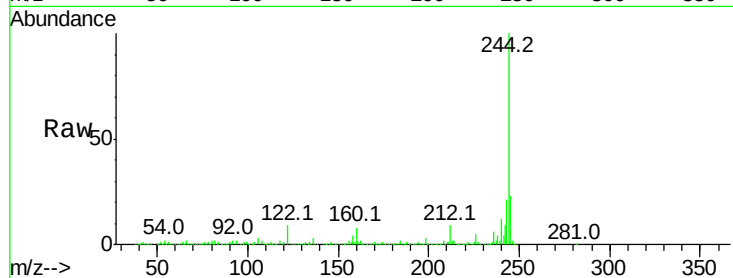
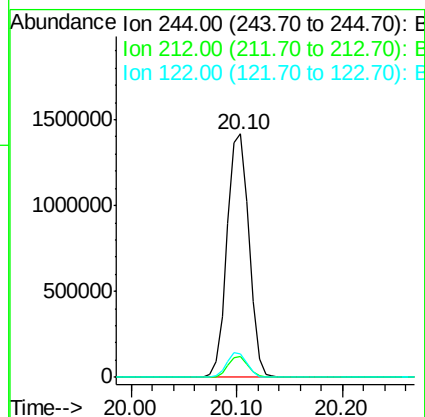
BNA_G

ClientSampleId :

COMP-2

Tot Ion:244 Resp: 2028288

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	9.4	7.0	10.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3710

Delta R.T. -0.01 min

Lab File: BG030684.D

Acq: 3 Nov 2017 4:55

Tgt Ion:264 Resp: 496128

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.6	17.7	26.5

