

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110217\
 Data File : BG030667.D
 Acq On : 2 Nov 2017 18:08
 Operator : SJ/JU
 Sample : PB103878BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB103878BL

Quant Time: Nov 03 00:53:12 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	60069	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	271980	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	202627	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	516160	20.00	ng	0.00
75) Chrysene-d12	21.78	240	594905	20.00	ng	-0.01
86) Perylene-d12	25.07	264	608019	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	251585	69.97	ng	0.00
7) Phenol-d6	7.31	99	344328	68.22	ng	-0.01
23) Nitrobenzene-d5	9.32	82	290547	67.89	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	185883	71.05	ng	-0.01
44) 2-Fluorobiphenyl	13.39	172	876738	63.46	ng	0.00
78) Terphenyl-d14	20.10	244	1624287	62.11	ng	0.00

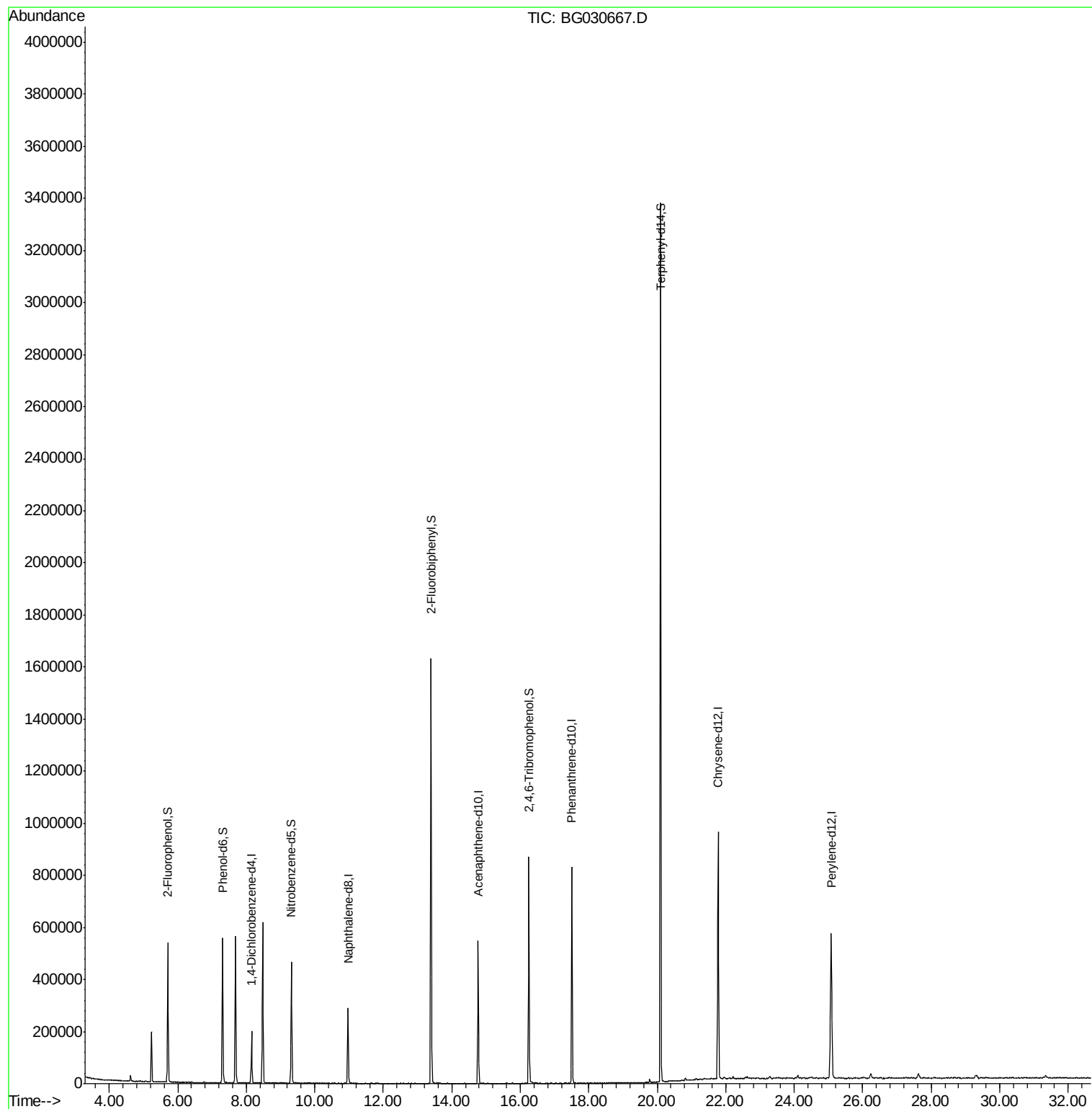
Target Compounds Qvalue

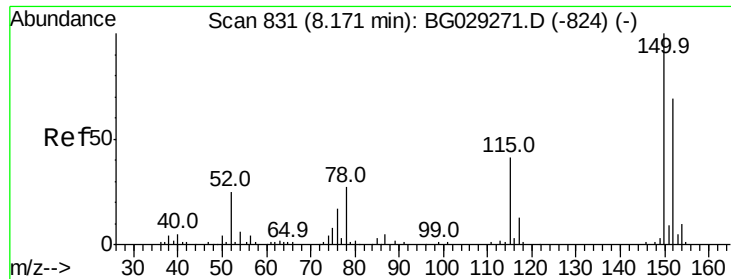
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG030667.D

Acq: 2 Nov 2017 18:08

Instrument :

BNA_G

ClientSampleId :

PB103878BL

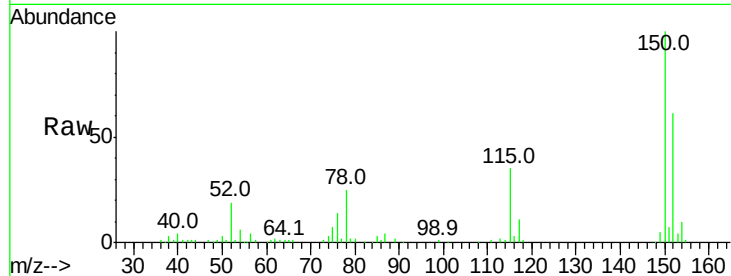
Tot Ion:152 Resp: 60069

Ion Ratio Lower Upper

152 100

150 162.7 126.6 189.8

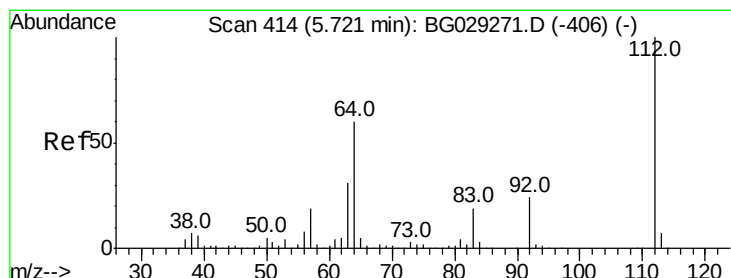
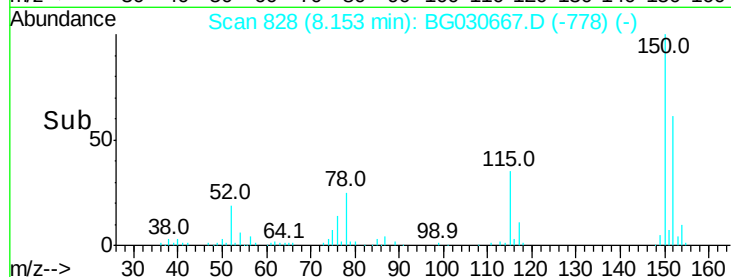
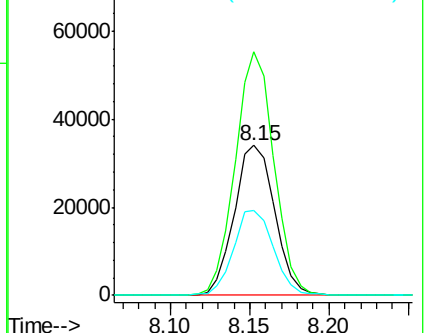
115 56.7 53.0 79.4



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: 69.967 ng

RT: 5.71 min Scan# 412

Delta R.T. -0.01 min

Lab File: BG030667.D

Acq: 2 Nov 2017 18:08

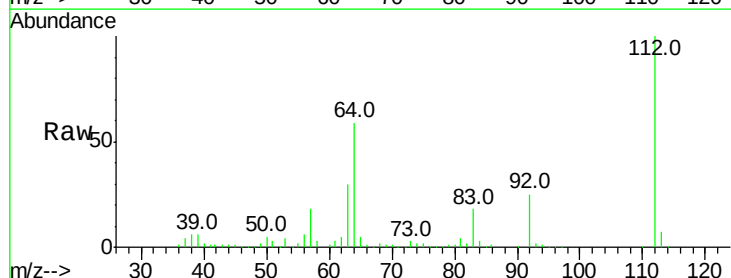
Tgt Ion:112 Resp: 251585

Ion Ratio Lower Upper

112 100

64 59.5 56.3 84.5

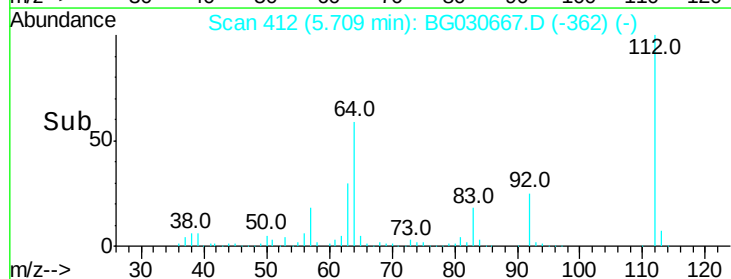
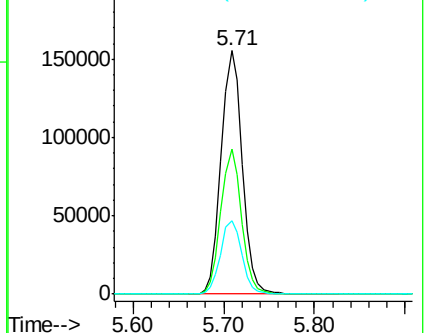
63 30.3 30.1 45.1

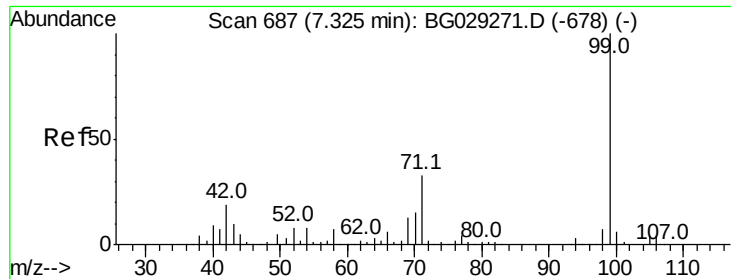


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 68.222 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG030667.D

Acq: 2 Nov 2017 18:08

Instrument :

BNA_G

ClientSampled :

PB103878BL

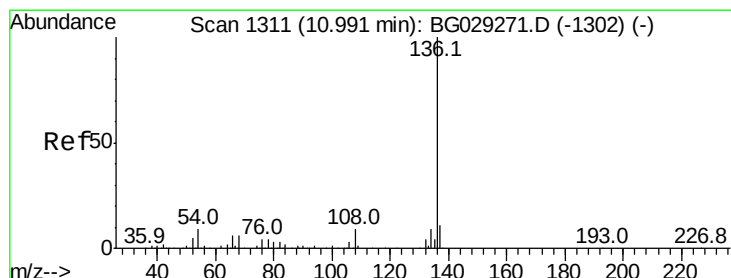
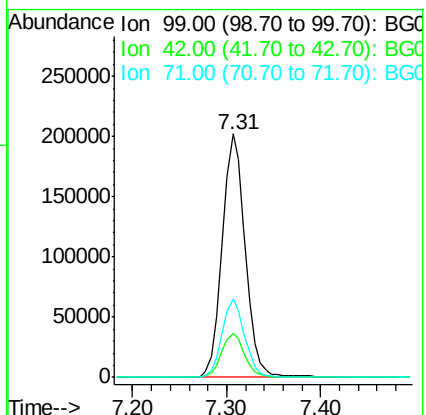
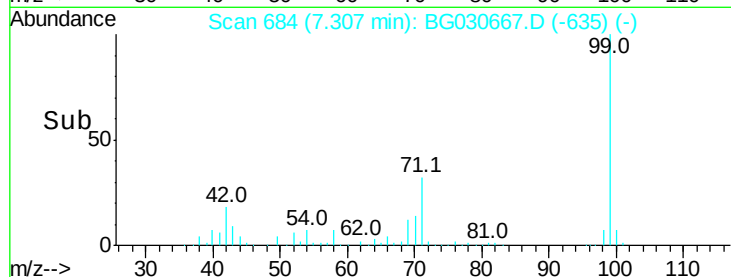
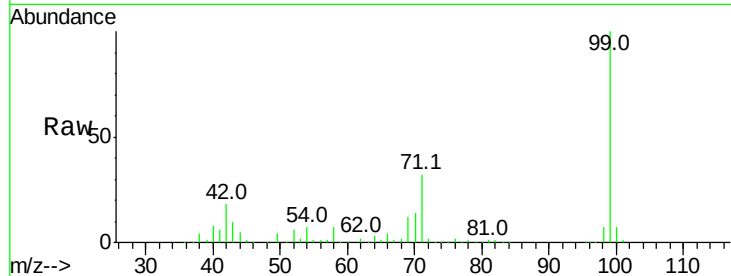
Tot Ion: 99 Resp: 344328

Ion Ratio Lower Upper

99 100

42 18.1 14.1 21.1

71 32.1 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BG030667.D

Acq: 2 Nov 2017 18:08

Tgt Ion: 136 Resp: 271980

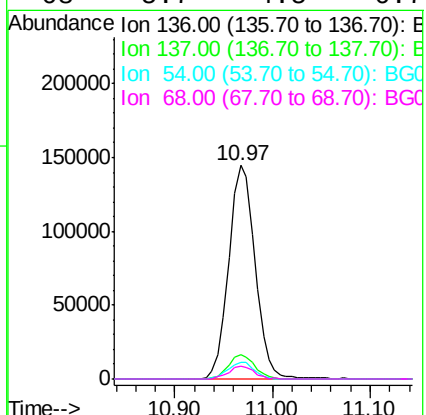
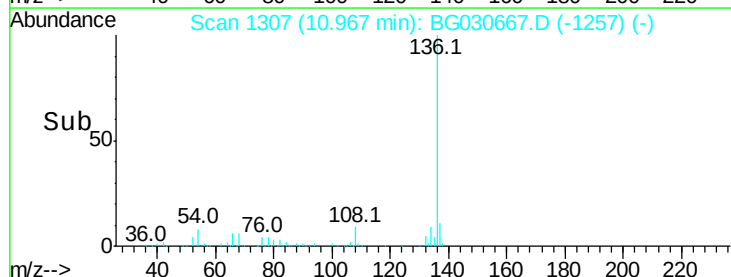
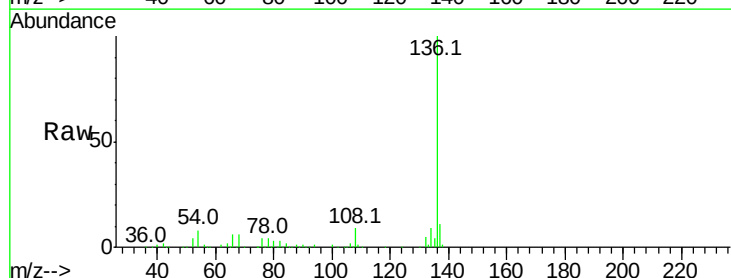
Ion Ratio Lower Upper

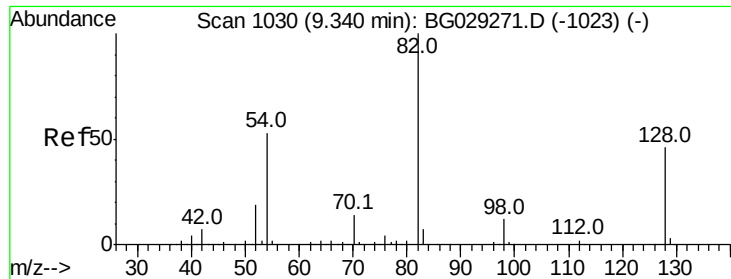
136 100

137 11.4 9.2 13.8

54 8.0 10.3 15.5#

68 5.7 4.5 6.7

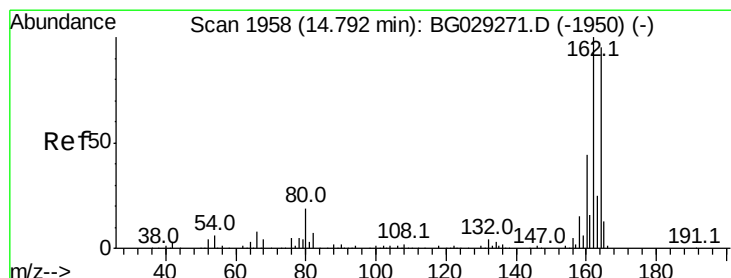
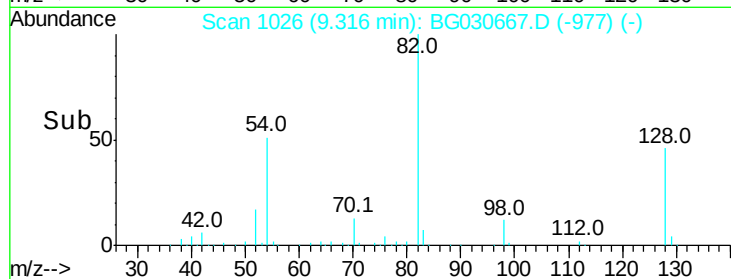
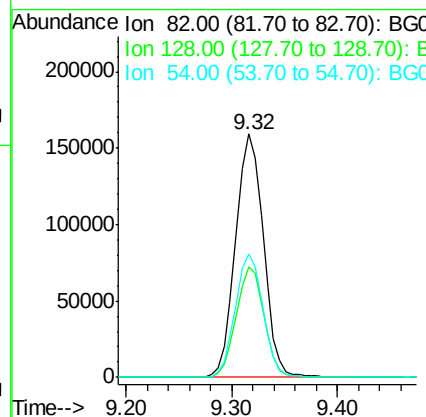
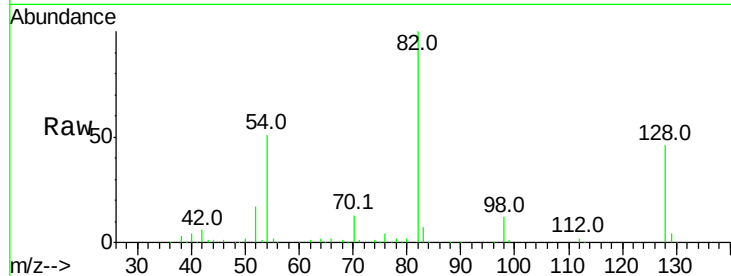




#23
 Nitrobenzene-d5
 Concen: 67.885 ng
 RT: 9.32 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG030667.D
 Acq: 2 Nov 2017 18:08

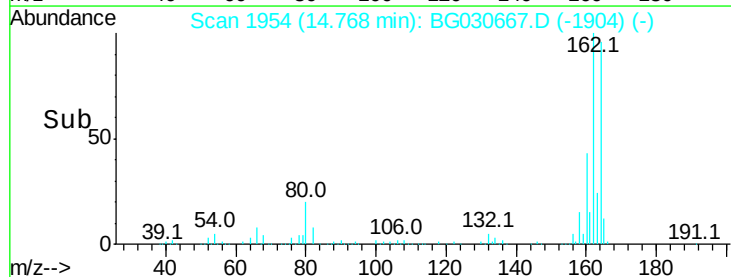
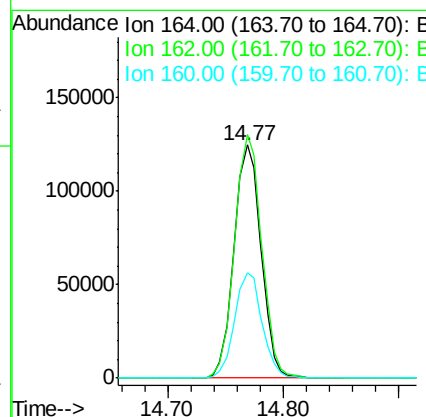
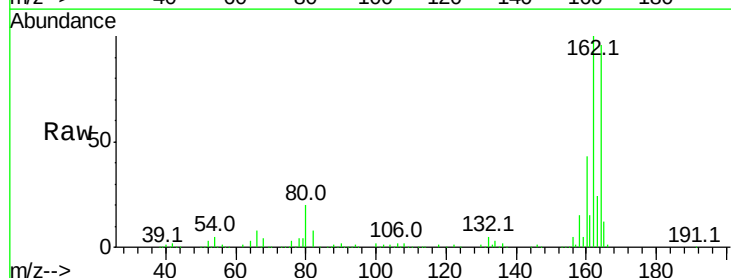
Instrument :
 BNA_G
 ClientSampleId :
 PB103878BL

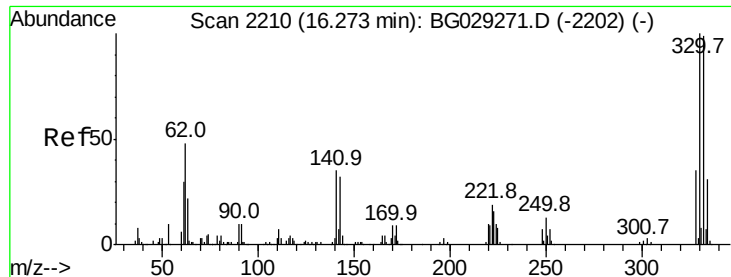
Tot Ion: 82 Resp: 290547
 Ion Ratio Lower Upper
 82 100
 128 45.6 29.7 44.5#
 54 50.6 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BG030667.D
 Acq: 2 Nov 2017 18:08

Tgt Ion:164 Resp: 202627
 Ion Ratio Lower Upper
 164 100
 162 104.6 78.8 118.2
 160 45.1 35.4 53.0

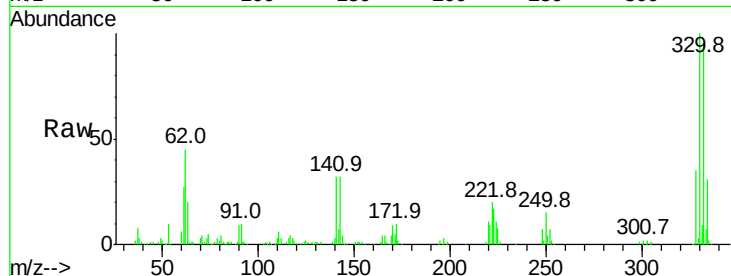




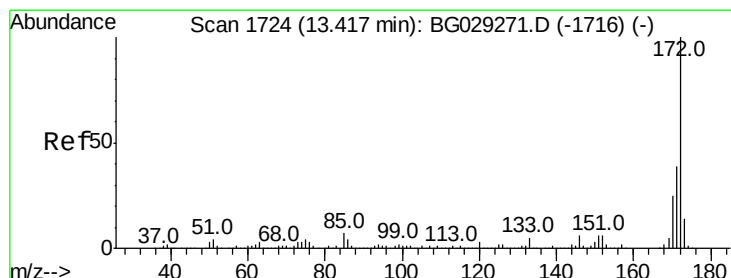
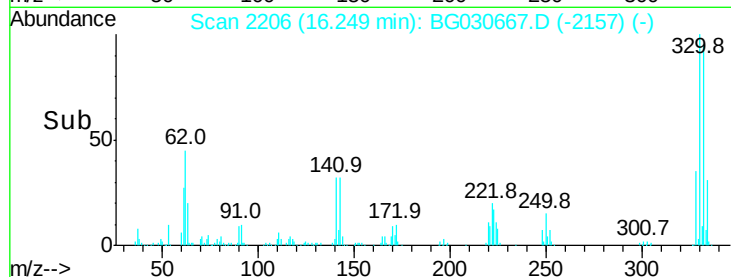
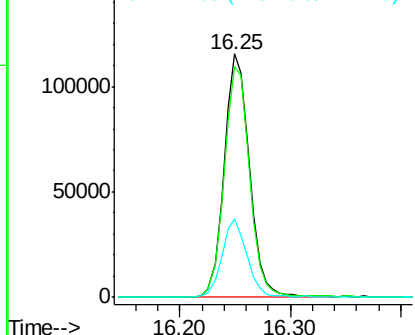
#41
 2,4,6-Tribromophenol
 Concen: 71.053 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG030667.D
 Acq: 2 Nov 2017 18:08

Instrument :
 BNA_G
 ClientSampleId :
 PB103878BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	31.8	25.2	37.8

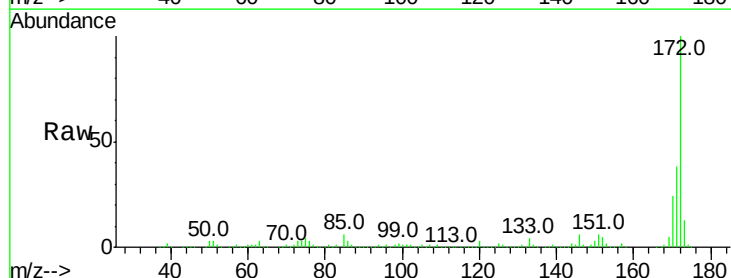


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

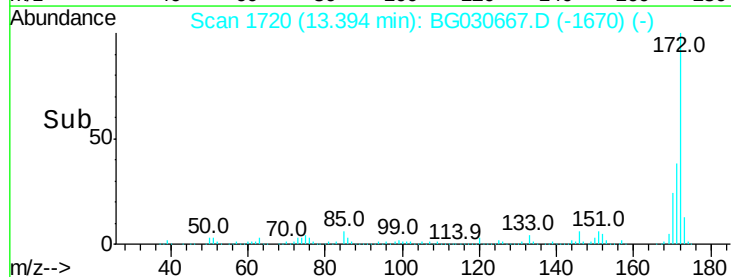
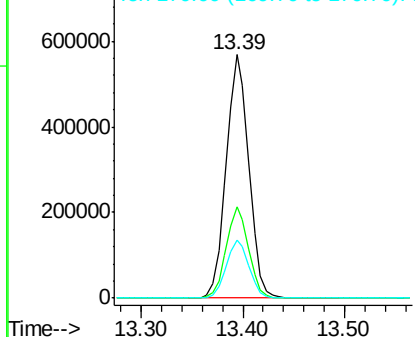


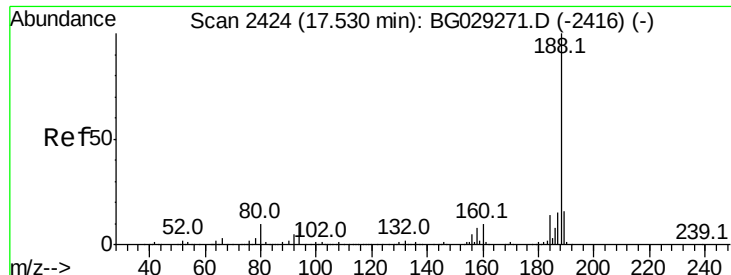
#44
 2-Fluorobiphenyl
 Concen: 63.460 ng
 RT: 13.39 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG030667.D
 Acq: 2 Nov 2017 18:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	23.7	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

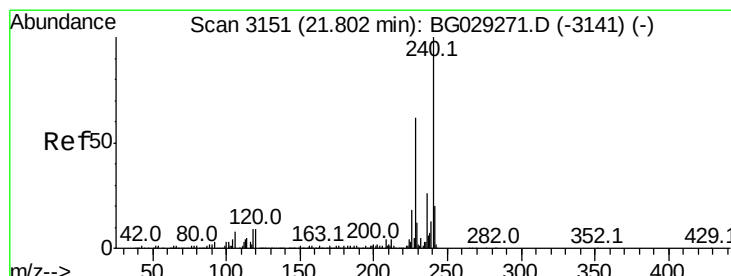
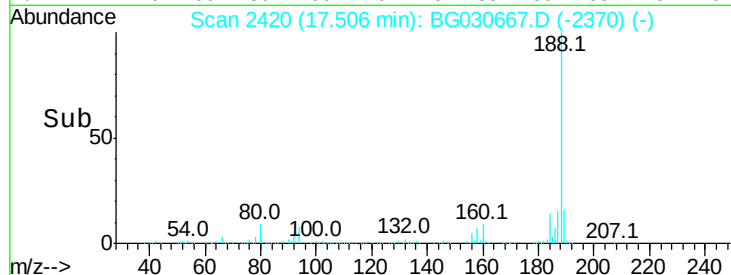
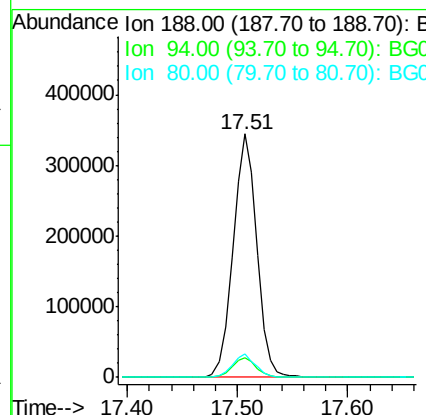
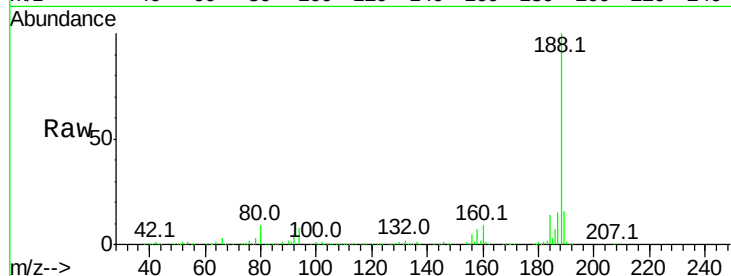




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BG030667.D
Acq: 2 Nov 2017 18:08

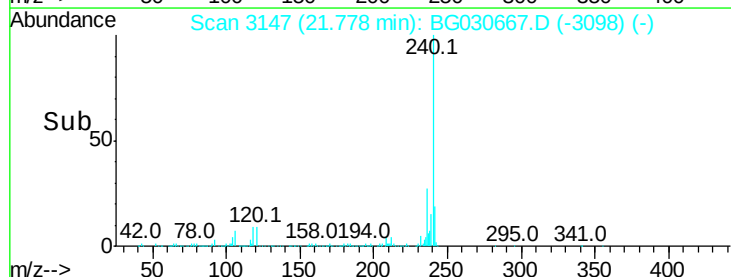
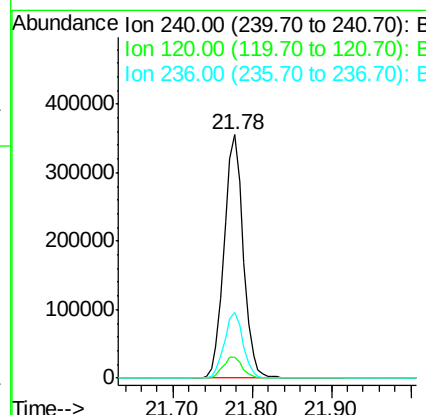
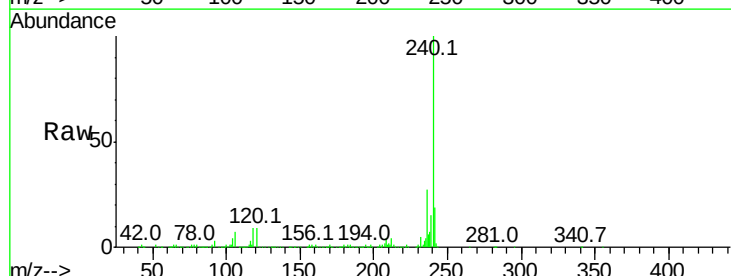
Instrument :
BNA_G
ClientSampleId :
PB103878BL

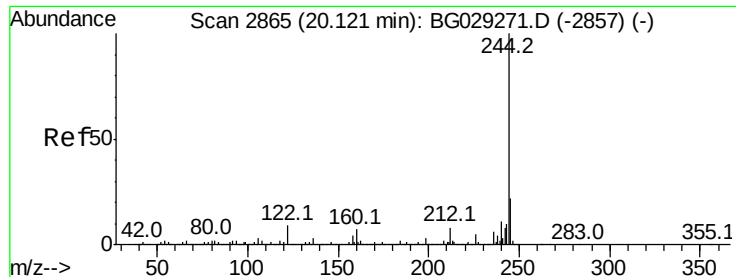
Tot Ion:188 Resp: 516160
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.5 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG030667.D
Acq: 2 Nov 2017 18:08

Tgt Ion:240 Resp: 594905
Ion Ratio Lower Upper
240 100
120 8.7 6.8 10.2
236 26.9 20.9 31.3



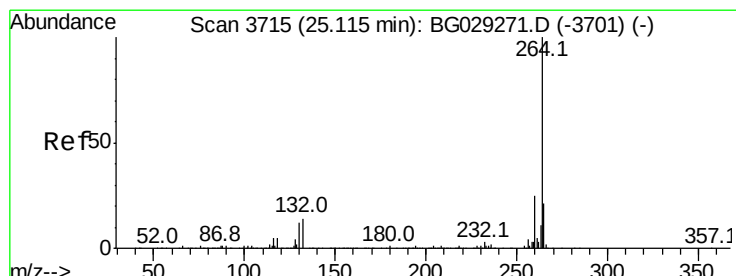
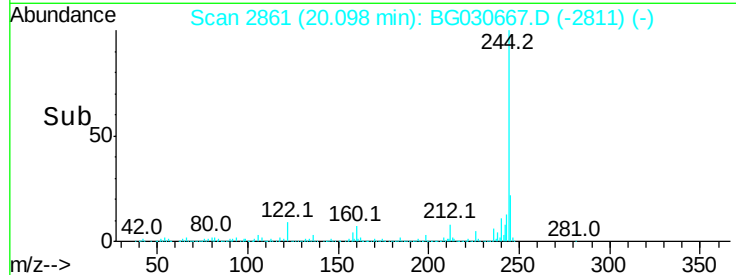
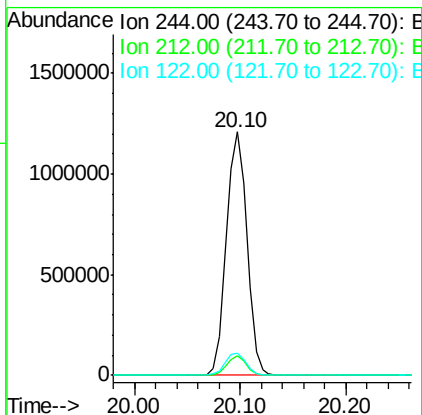
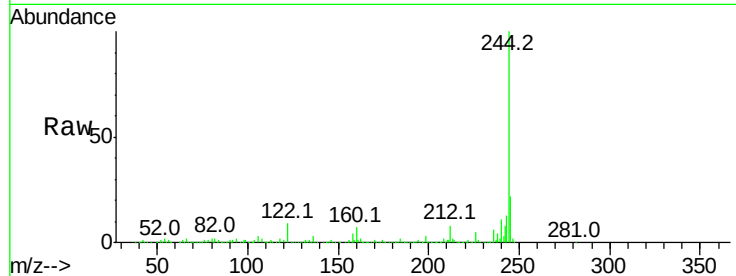


#78
 Terphenyl-d14
 Concen: 62.113 ng
 RT: 20.10 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BG030667.D
 Acq: 2 Nov 2017 18:08

Instrument :
 BNA_G
 ClientSampleId :
 PB103878BL

Tot Ion:244 Resp: 1624287

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	9.3	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: BG030667.D
 Acq: 2 Nov 2017 18:08

Tgt Ion:264 Resp: 608019

Ion	Ratio	Lower	Upper
264	100		
260	25.1	17.4	26.0
265	21.5	17.7	26.5

