

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110417\
 Data File : BG030704.D
 Acq On : 3 Nov 2017 17:43
 Operator : SJ/JU
 Sample : PB103961BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB103961BL

Quant Time: Nov 03 18:17:22 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 18:14:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	57432	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	262732	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	185892	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	470030	20.00	ng	0.00
75) Chrysene-d12	21.78	240	513323	20.00	ng	0.00
86) Perylene-d12	25.08	264	522476	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	326203	94.88	ng	0.00
7) Phenol-d6	7.31	99	447936	92.82	ng	0.00
23) Nitrobenzene-d5	9.32	82	259972	62.88	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	234951	97.89	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	788006	62.17	ng	0.00
78) Terphenyl-d14	20.10	244	1331486	59.01	ng	0.00

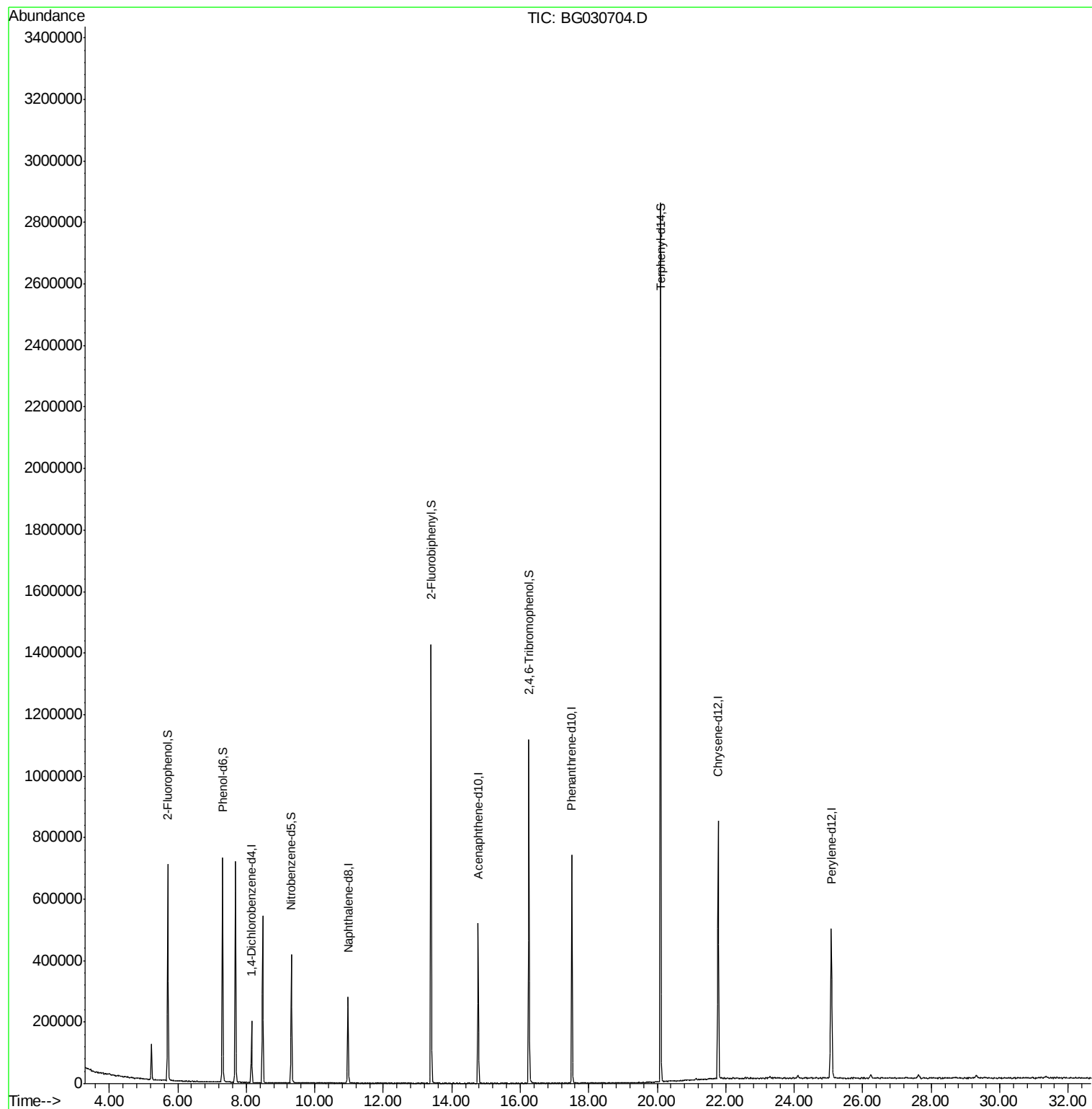
Target Compounds Qvalue

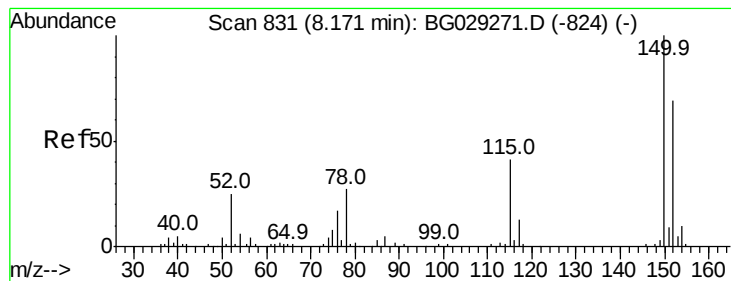
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 03 18:14:01 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.15 min Scan# 828

Delta R.T. 0.00 min

Lab File: BG030704.D

Acq: 3 Nov 2017 17:43

Instrument :

BNA_G

ClientSampleId :

PB103961BL

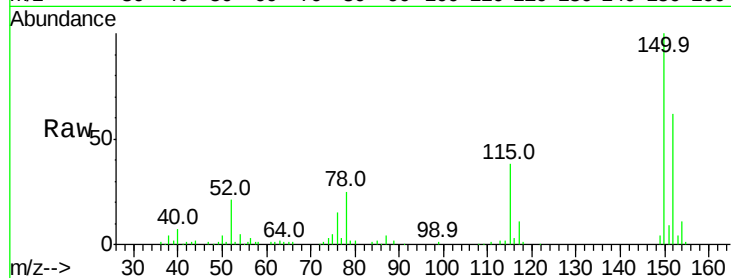
Tot Ion:152 Resp: 57432

Ion Ratio Lower Upper

152 100

150 161.2 126.6 189.8

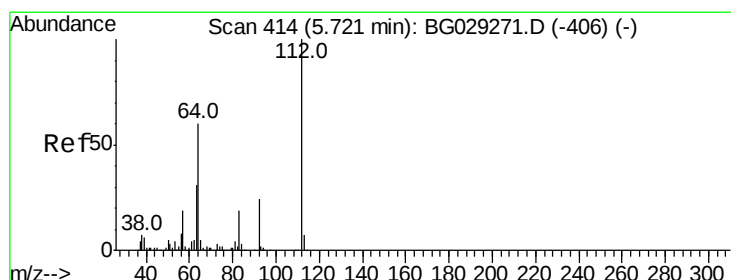
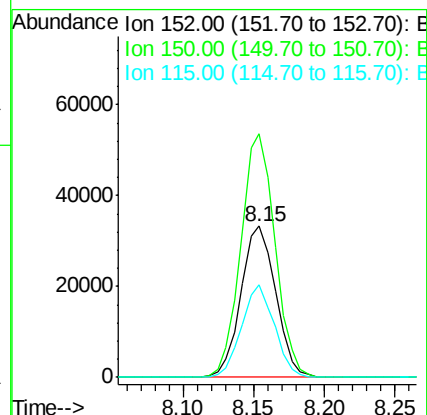
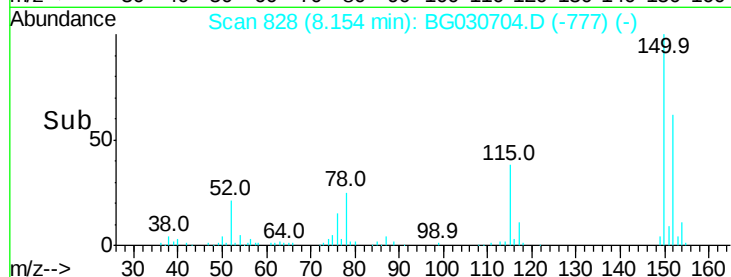
115 61.7 53.0 79.4



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: 94.884 ng

RT: 5.71 min Scan# 412

Delta R.T. 0.00 min

Lab File: BG030704.D

Acq: 3 Nov 2017 17:43

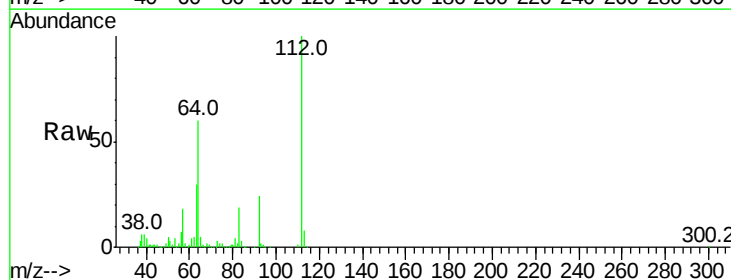
Tgt Ion:112 Resp: 326203

Ion Ratio Lower Upper

112 100

64 60.2 56.3 84.5

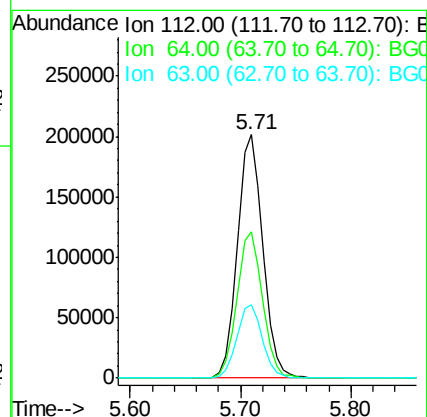
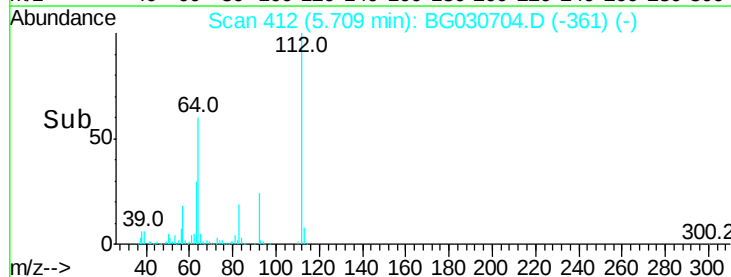
63 30.3 30.1 45.1

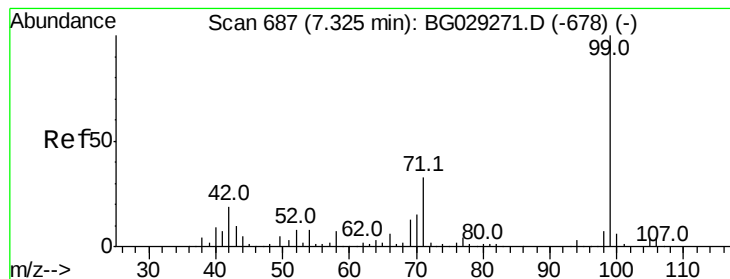


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 92.824 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030704.D

Acq: 3 Nov 2017 17:43

Instrument :

BNA_G

ClientSampleId :

PB103961BL

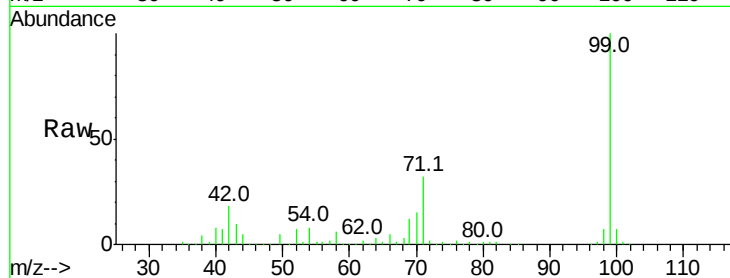
Tot Ion: 99 Resp: 447936

Ion Ratio Lower Upper

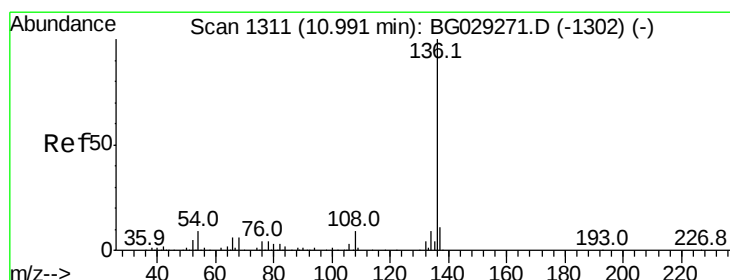
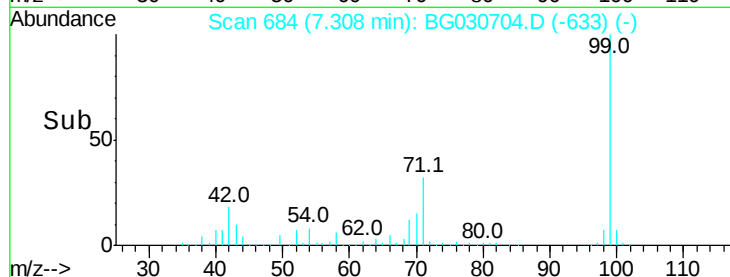
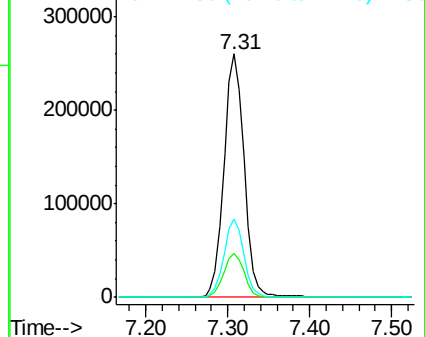
99 100

42 18.3 14.1 21.1

71 32.2 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: BG030704.D

Acq: 3 Nov 2017 17:43

Tgt Ion: 136 Resp: 262732

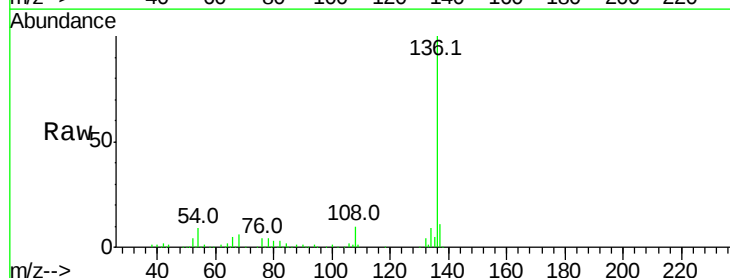
Ion Ratio Lower Upper

136 100

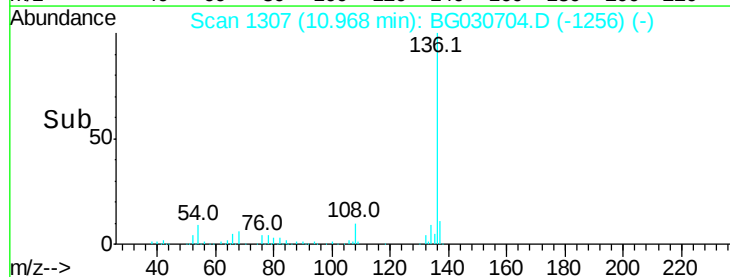
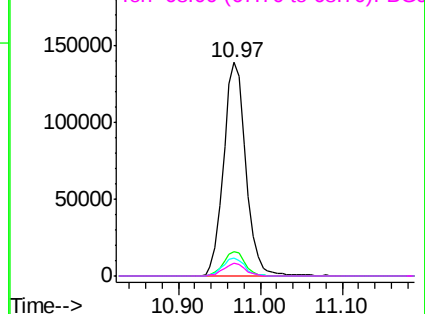
137 11.2 9.2 13.8

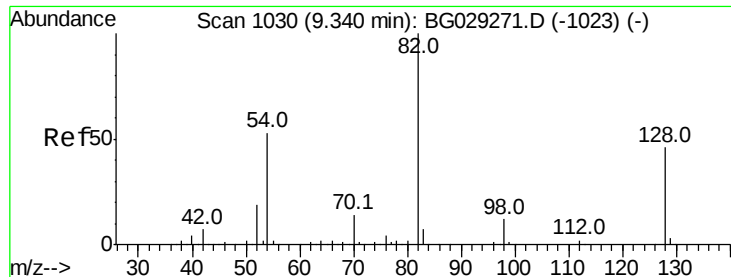
54 8.6 10.3 15.5#

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

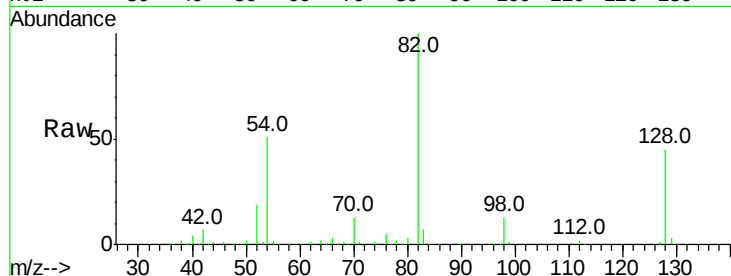




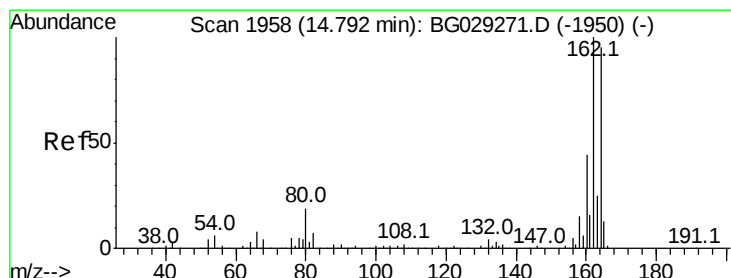
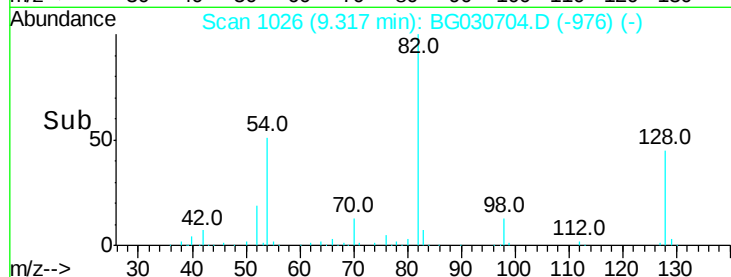
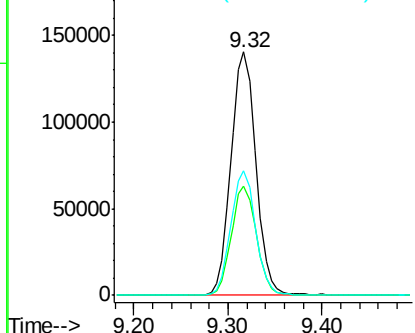
#23
Nitrobenzene-d5
Concen: 62.880 ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG030704.D
Acq: 3 Nov 2017 17:43

Instrument :
BNA_G
ClientSampleId :
PB103961BL

Tot Ion: 82 Resp: 259972
Ion Ratio Lower Upper
82 100
128 44.8 29.7 44.5#
54 50.9 43.1 64.7

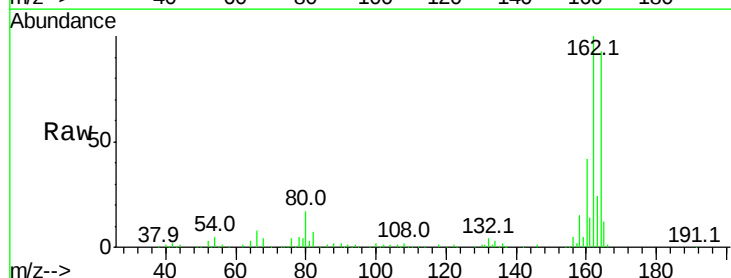


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

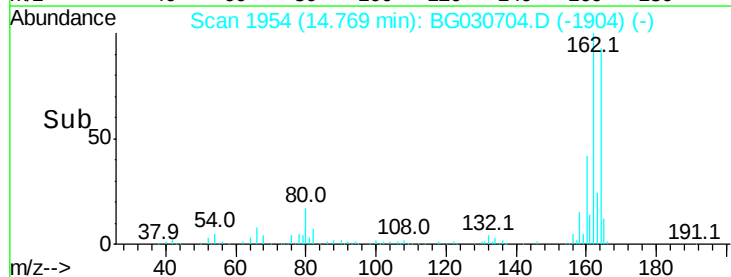
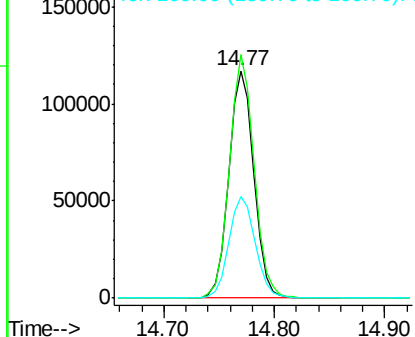


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG030704.D
Acq: 3 Nov 2017 17:43

Tgt Ion:164 Resp: 185892
Ion Ratio Lower Upper
164 100
162 107.1 78.8 118.2
160 44.8 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

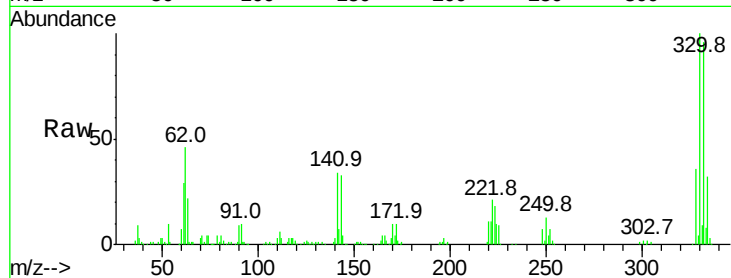




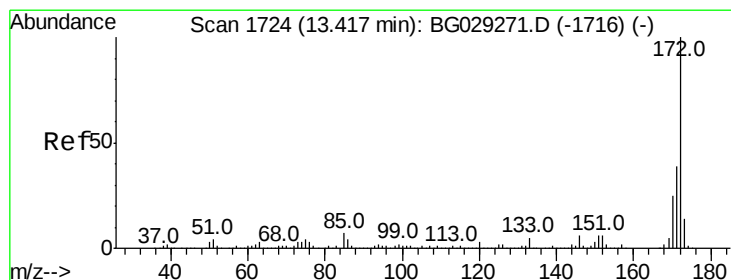
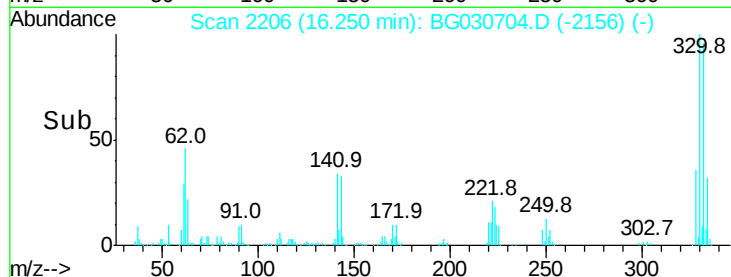
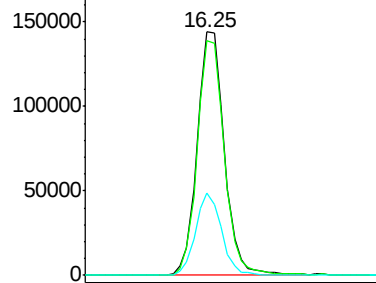
#41
 2,4,6-Tribromophenol
 Concen: 97.894 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG030704.D
 Acq: 3 Nov 2017 17:43

Instrument :
 BNA_G
 ClientSampleId :
 PB103961BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	32.4	25.2	37.8

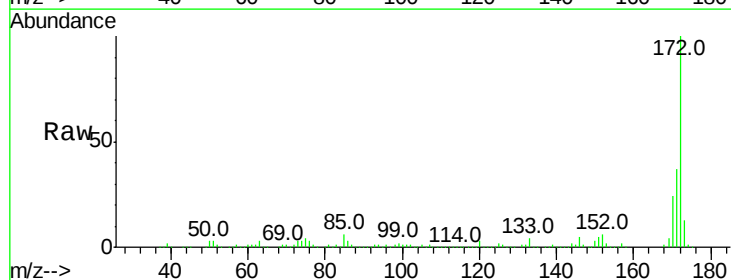


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

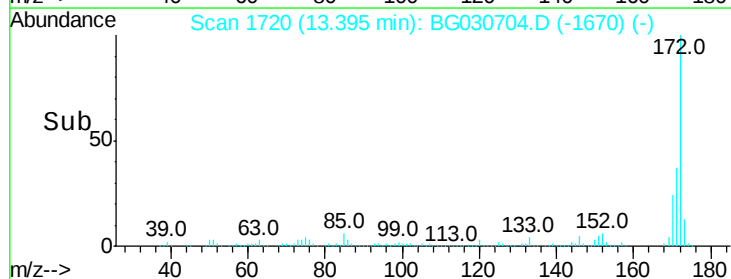
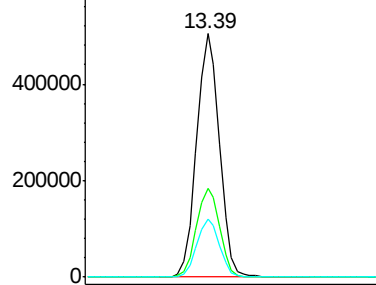


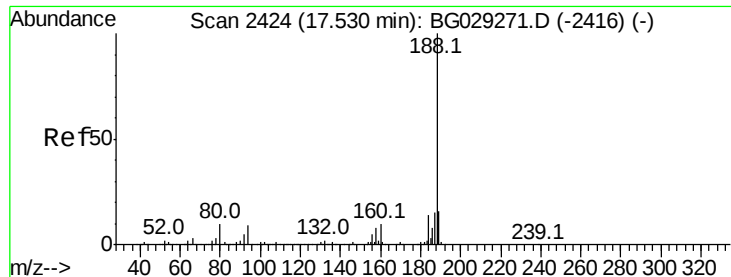
#44
 2-Fluorobiphenyl
 Concen: 62.172 ng
 RT: 13.39 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG030704.D
 Acq: 3 Nov 2017 17:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	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

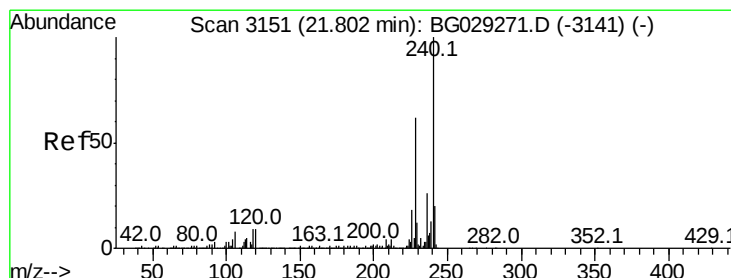
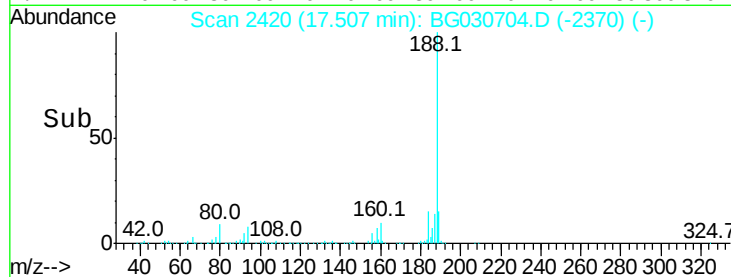
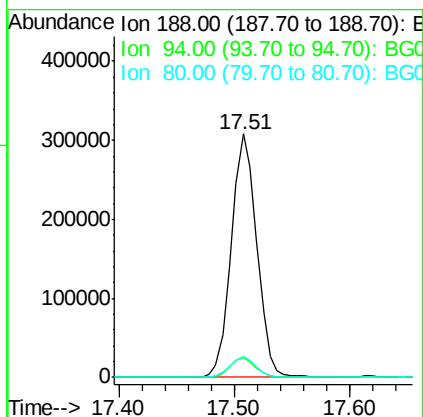
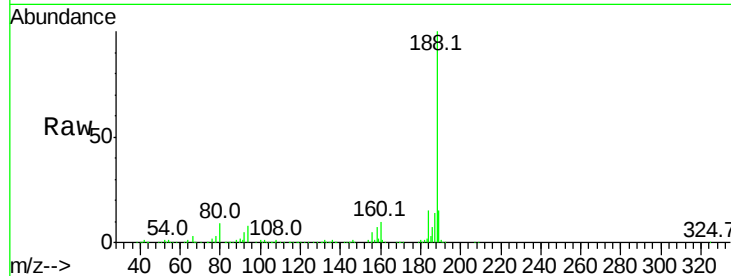




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BG030704.D
Acq: 3 Nov 2017 17:43

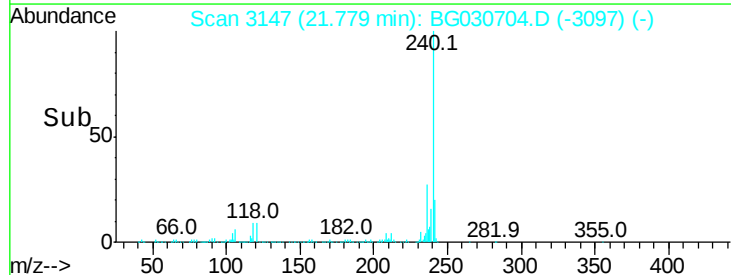
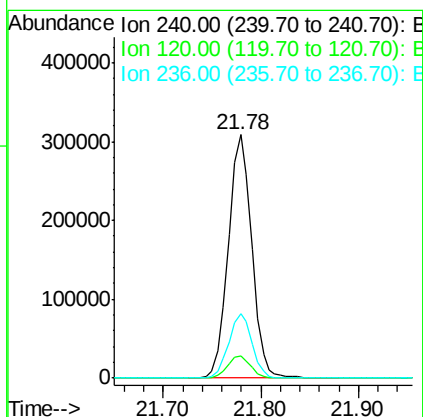
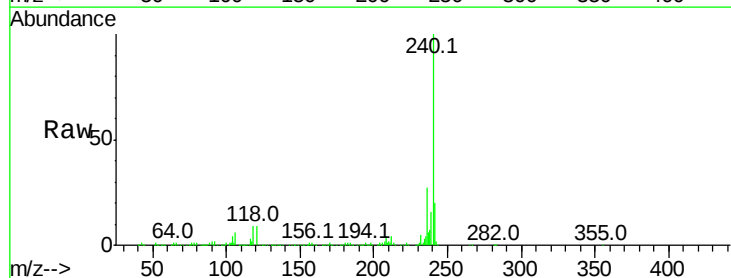
Instrument :
BNA_G
ClientSampleId :
PB103961BL

Tot Ion:188 Resp: 470030
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 8.7 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: BG030704.D
Acq: 3 Nov 2017 17:43

Tgt Ion:240 Resp: 513323
Ion Ratio Lower Upper
240 100
120 9.3 6.8 10.2
236 26.5 20.9 31.3





#78

Terphenyl-d14

Concen: 59.008 ng

RT: 20.10 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BG030704.D

Acq: 3 Nov 2017 17:43

Instrument :

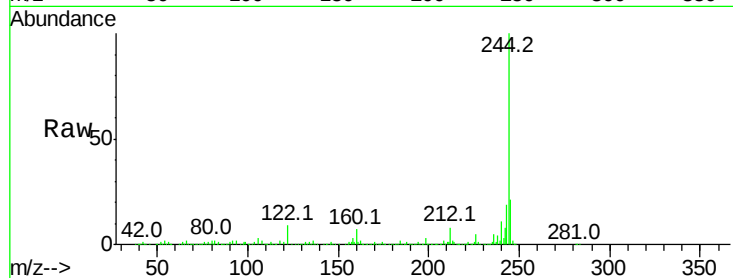
BNA_G

ClientSampleId :

PB103961BL

Tot Ion:244 Resp: 1331486

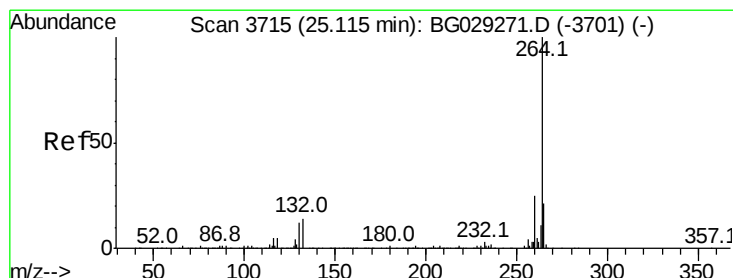
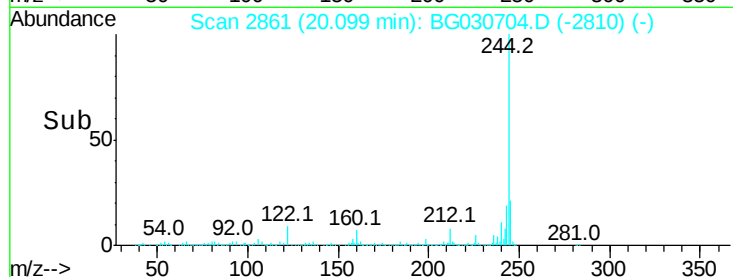
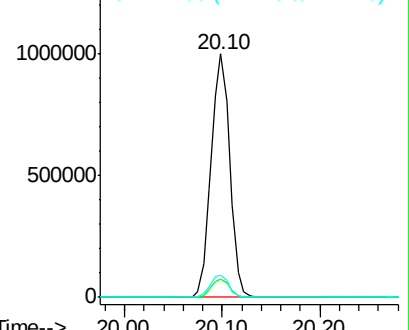
Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	9.3	7.0	10.4



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

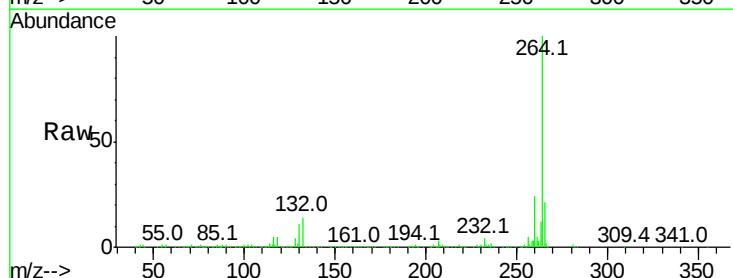
Delta R.T. -0.01 min

Lab File: BG030704.D

Acq: 3 Nov 2017 17:43

Tgt Ion:264 Resp: 522476

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	21.2	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

