

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110417\
 Data File : BG030708.D
 Acq On : 3 Nov 2017 20:15
 Operator : SJ/JU
 Sample : I6243-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 N35799

Quant Time: Nov 03 23:21:26 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	61050	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	296103	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	204419	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	484265	20.00	ng	0.00
75) Chrysene-d12	21.78	240	510748	20.00	ng	0.00
86) Perylene-d12	25.08	264	510660	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	311157	85.14	ng	0.00
7) Phenol-d6	7.31	99	286566	55.86	ng	0.00
23) Nitrobenzene-d5	9.32	82	521240	111.86	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	431260	163.40	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1434965	102.96	ng	0.00
78) Terphenyl-d14	20.10	244	2135795	95.13	ng	0.00

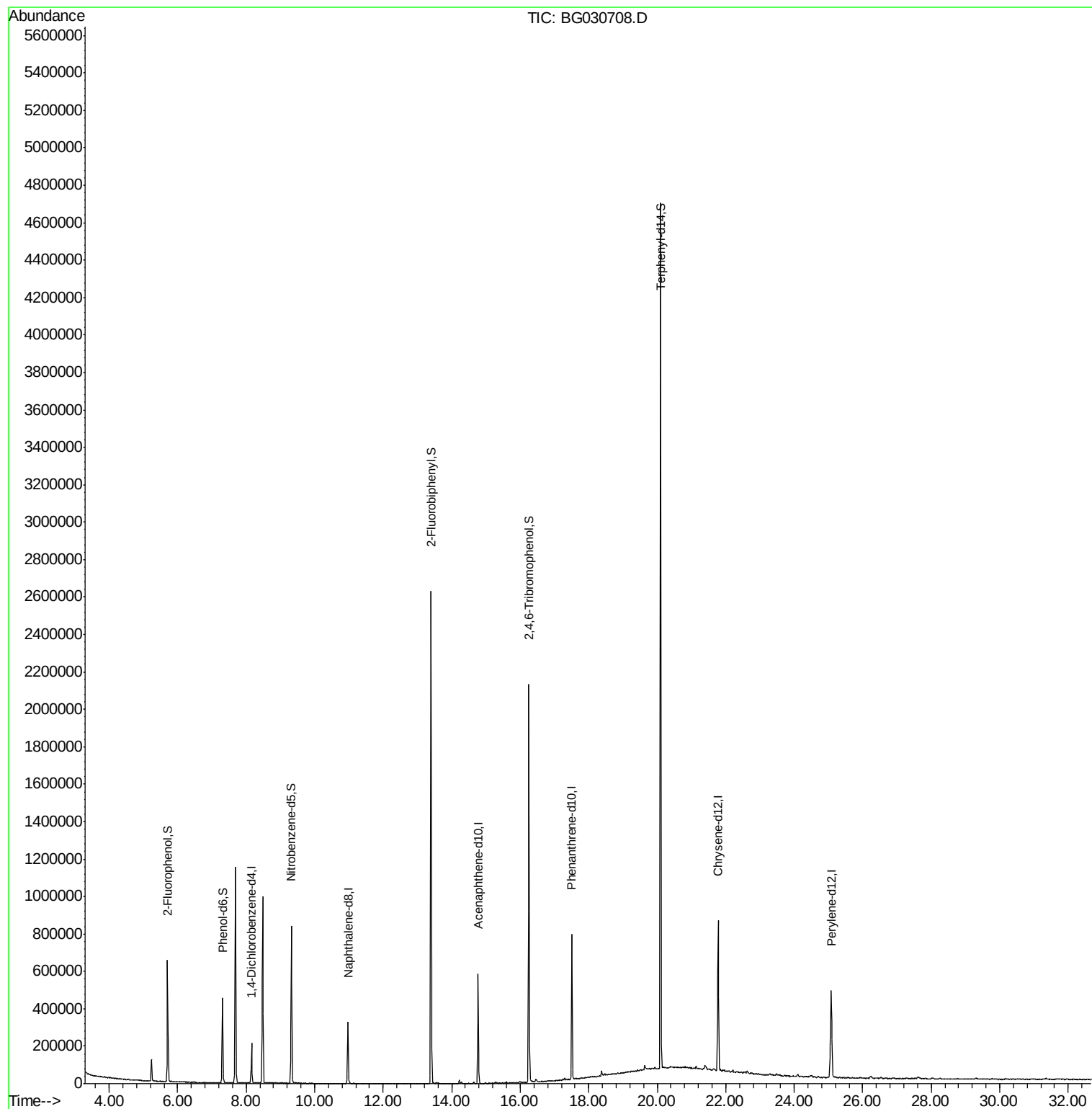
Target Compounds Qvalue

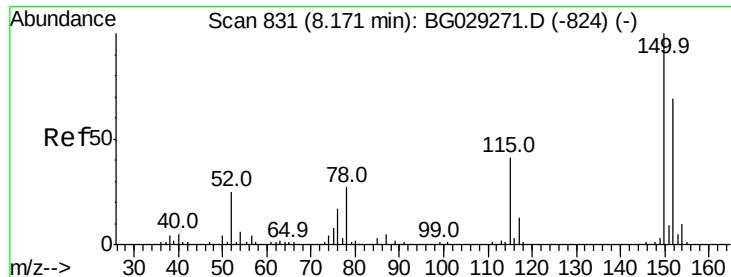
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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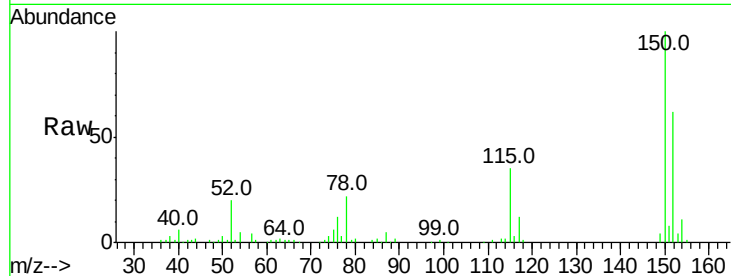


#1

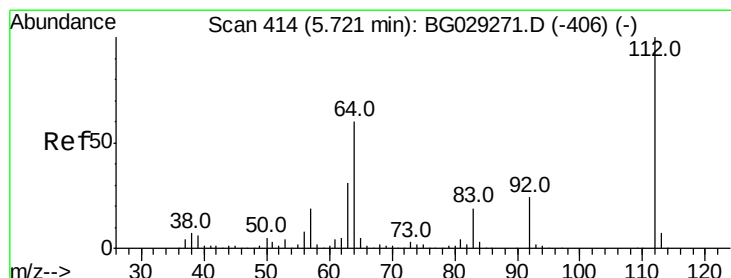
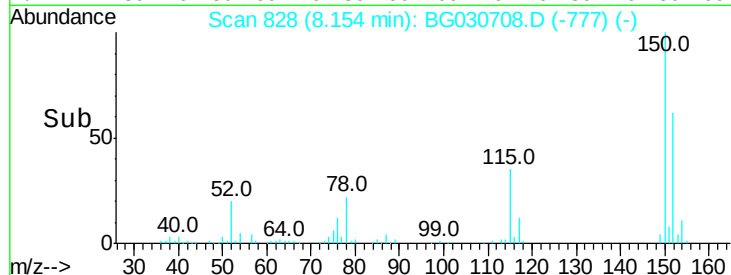
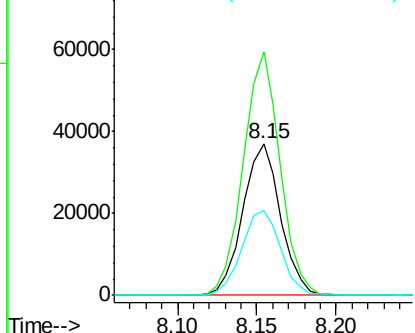
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG030708.D
Acq: 3 Nov 2017 20:15

Instrument :
BNA_G
ClientSampleId :
N35799

Tot Ion:152 Resp: 61050
Ion Ratio Lower Upper
152 100
150 160.3 126.6 189.8
115 55.6 53.0 79.4



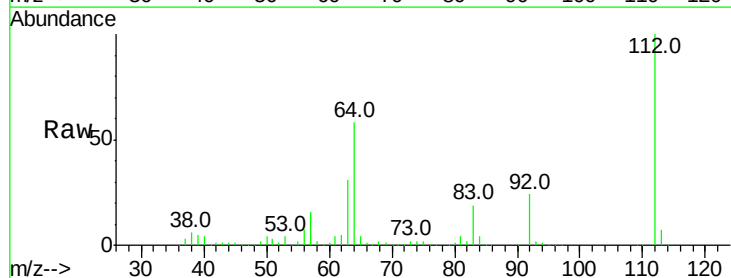
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



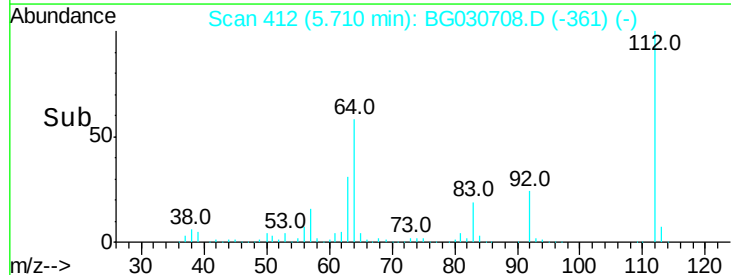
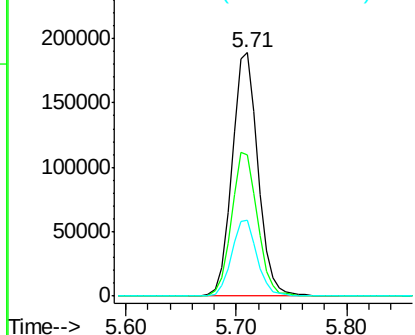
#5

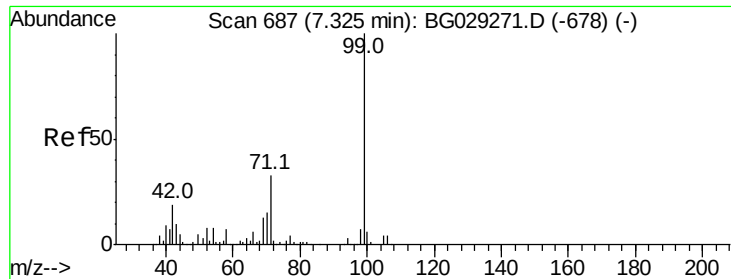
2-Fluorophenol
Concen: 85.144 ng
RT: 5.71 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG030708.D
Acq: 3 Nov 2017 20:15

Tgt Ion:112 Resp: 311157
Ion Ratio Lower Upper
112 100
64 58.2 56.3 84.5
63 31.2 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: 55.865 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030708.D

Acq: 3 Nov 2017 20:15

Instrument :

BNA_G

ClientSampleId :

N35799

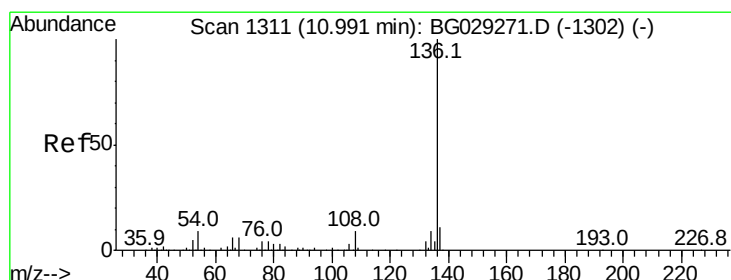
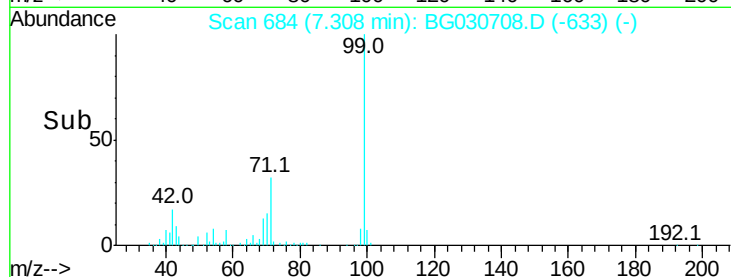
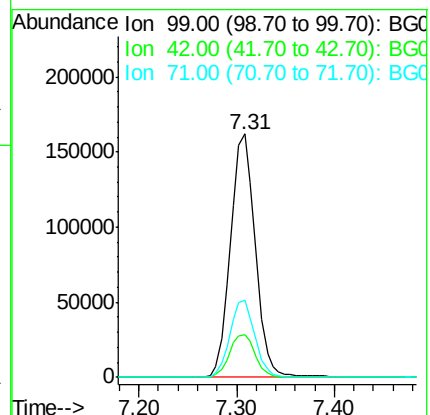
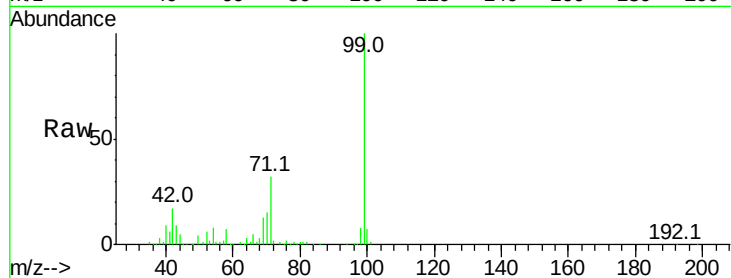
Tot Ion: 99 Resp: 286566

Ion Ratio Lower Upper

99 100

42 17.5 14.1 21.1

71 31.6 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BG030708.D

Acq: 3 Nov 2017 20:15

Tgt Ion: 136 Resp: 296103

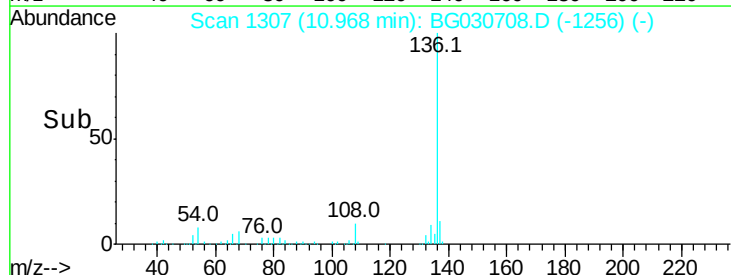
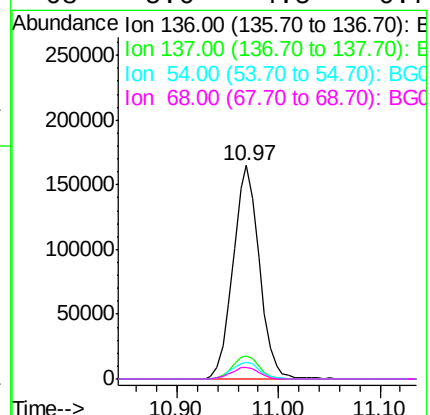
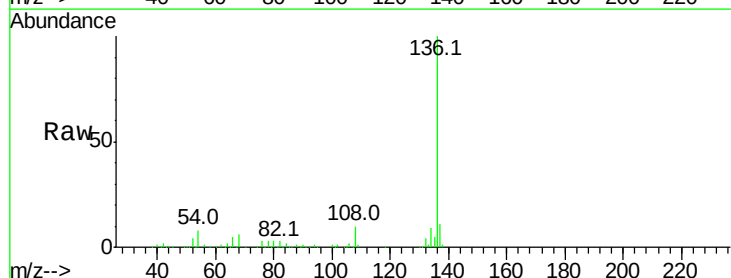
Ion Ratio Lower Upper

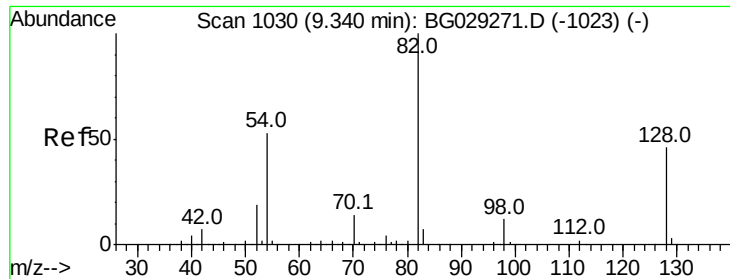
136 100

137 10.7 9.2 13.8

54 7.9 10.3 15.5#

68 5.6 4.5 6.7

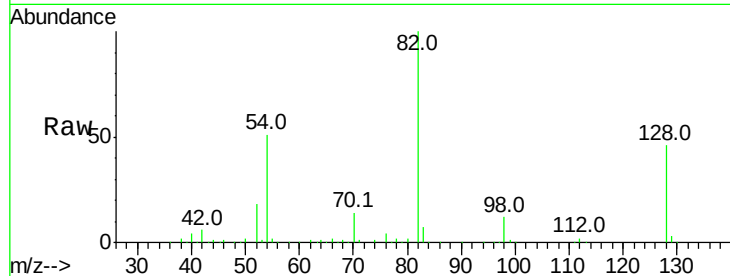




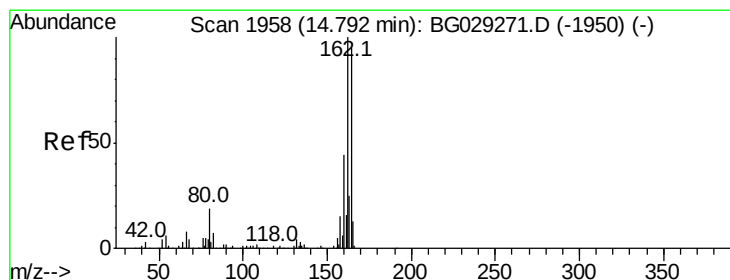
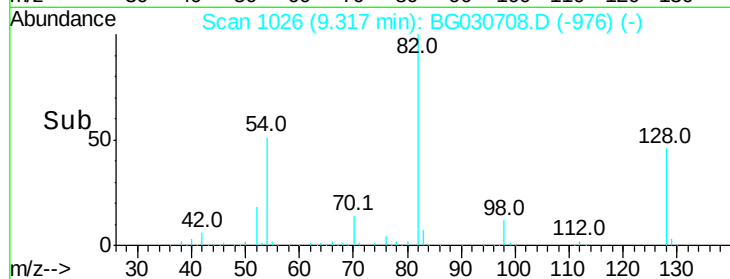
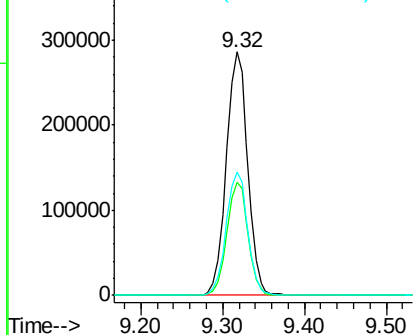
#23
 Nitrobenzene-d5
 Concen: 111.864 ng
 RT: 9.32 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG030708.D
 Acq: 3 Nov 2017 20:15

Instrument :
 BNA_G
 ClientSampleID :
 N35799

Tot Ion: 82 Resp: 521240
 Ion Ratio Lower Upper
 82 100
 128 46.5 29.7 44.5#
 54 50.6 43.1 64.7

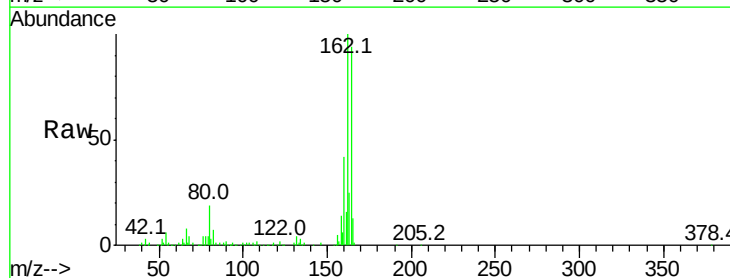


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

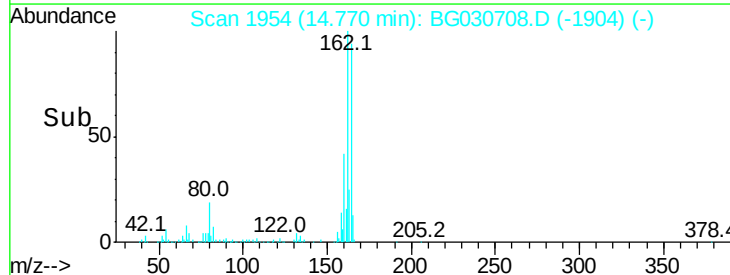
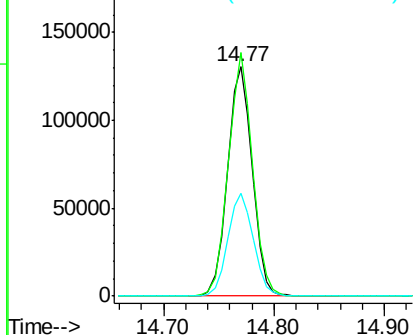


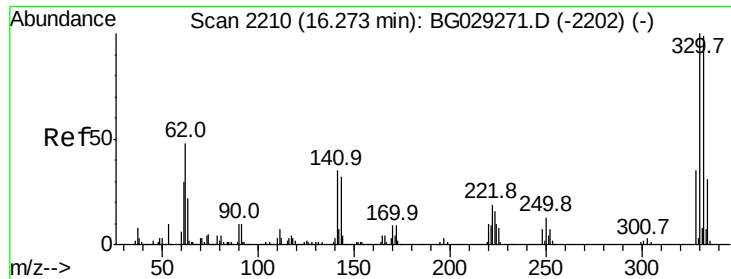
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: BG030708.D
 Acq: 3 Nov 2017 20:15

Tgt Ion:164 Resp: 204419
 Ion Ratio Lower Upper
 164 100
 162 106.3 78.8 118.2
 160 44.9 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: 163.402 ng

RT: 16.26 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BG030708.D

Acq: 3 Nov 2017 20:15

Instrument :

BNA_G

ClientSampleId :

N35799

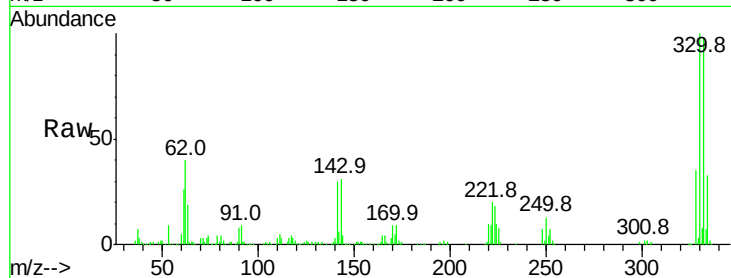
Tot Ion:330 Resp: 431260

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

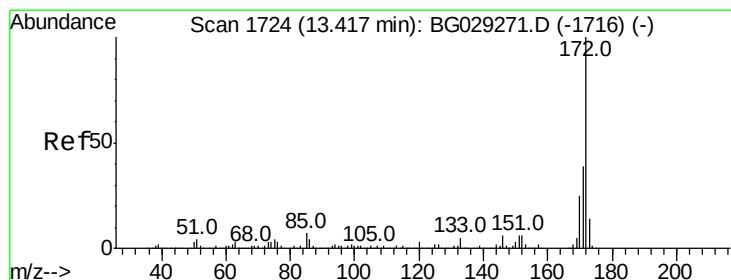
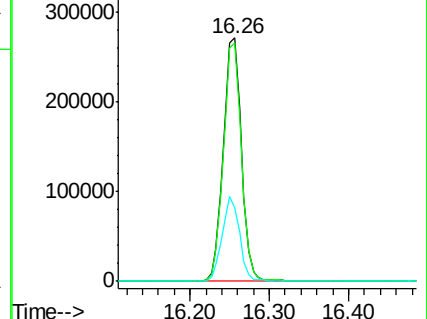
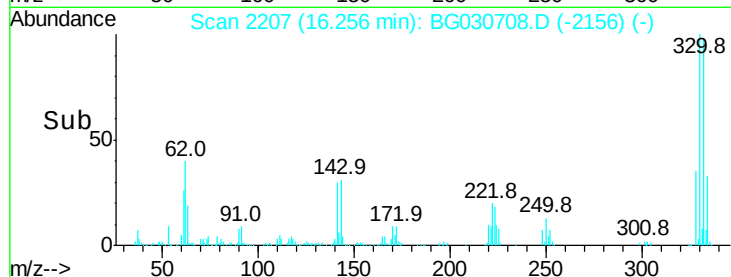
141 33.2 25.2 37.8



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: 102.955 ng

RT: 13.40 min Scan# 1720

Delta R.T. -0.00 min

Lab File: BG030708.D

Acq: 3 Nov 2017 20:15

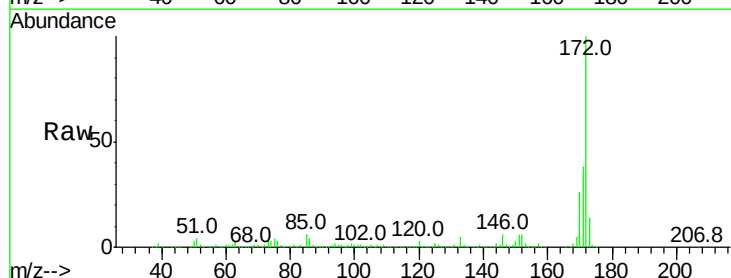
Tgt Ion:172 Resp: 1434965

Ion Ratio Lower Upper

172 100

171 38.3 30.0 45.0

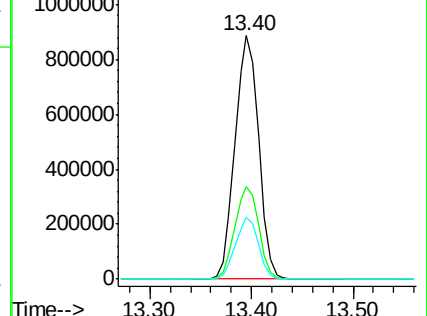
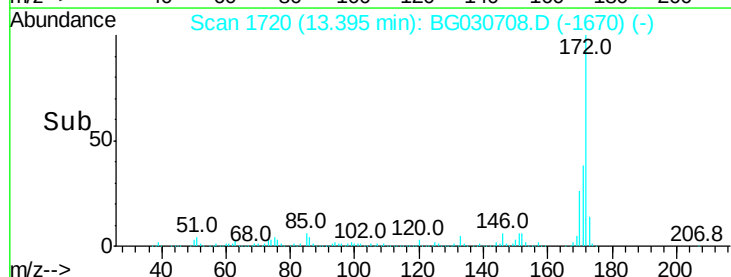
170 25.6 19.5 29.3

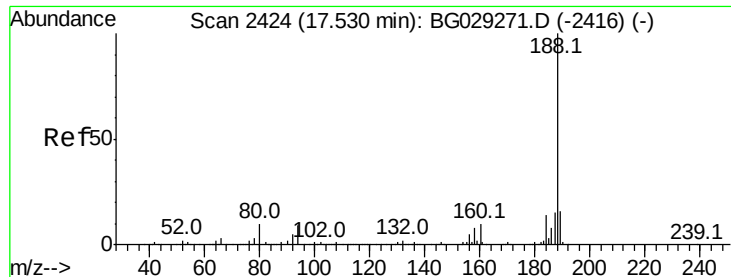


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

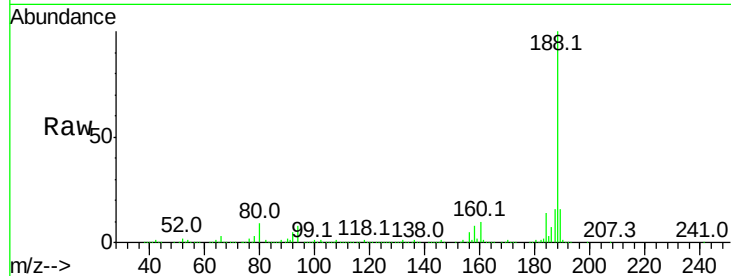




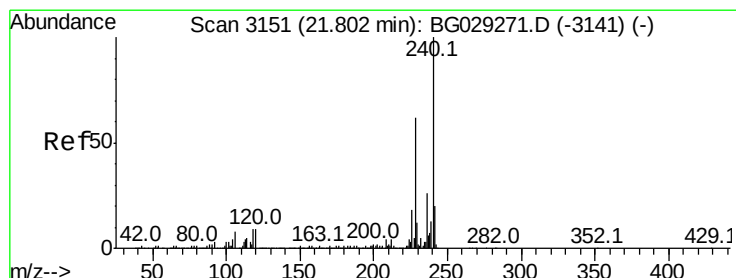
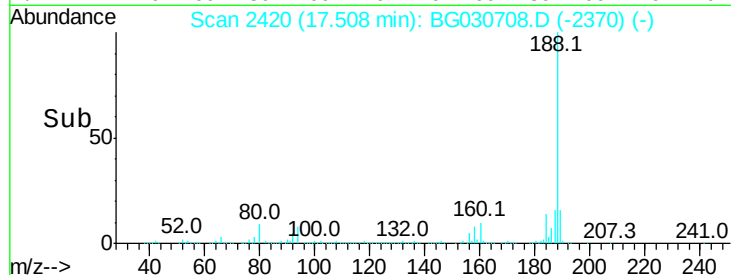
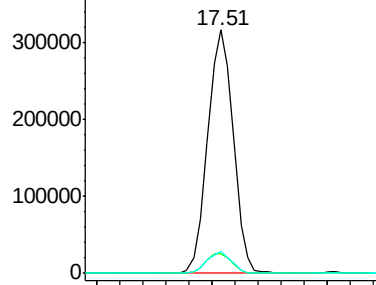
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BG030708.D
Acq: 3 Nov 2017 20:15

Instrument :
BNA_G
ClientSampleId :
N35799

Tot Ion:188 Resp: 484265
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 9.2 7.7 11.5

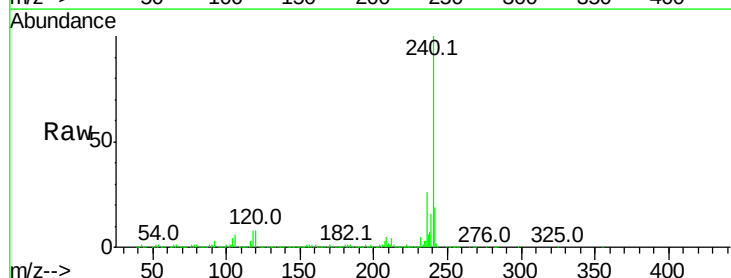


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

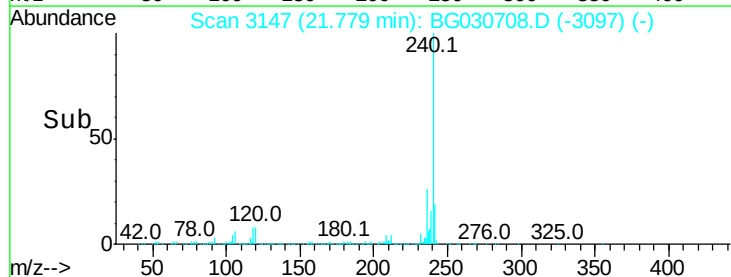
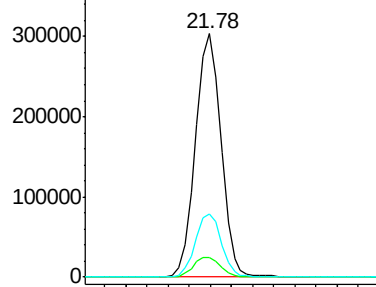


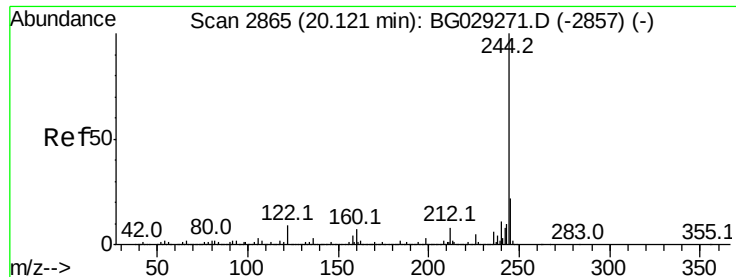
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG030708.D
Acq: 3 Nov 2017 20:15

Tgt Ion:240 Resp: 510748
Ion Ratio Lower Upper
240 100
120 8.2 6.8 10.2
236 26.2 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: 95.131 ng

RT: 20.10 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BG030708.D

Acq: 3 Nov 2017 20:15

Instrument :

BNA_G

ClientSampleId :

N35799

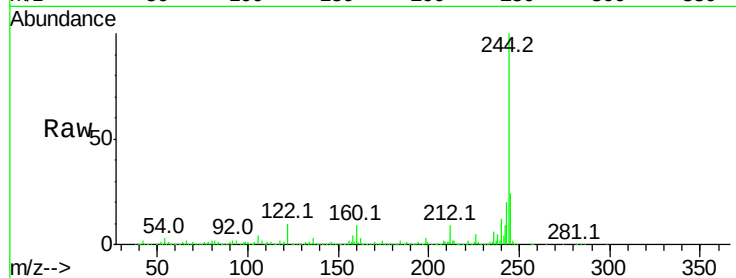
Tot Ion:244 Resp: 2135795

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

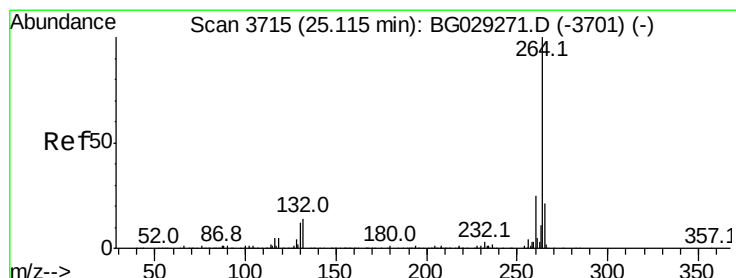
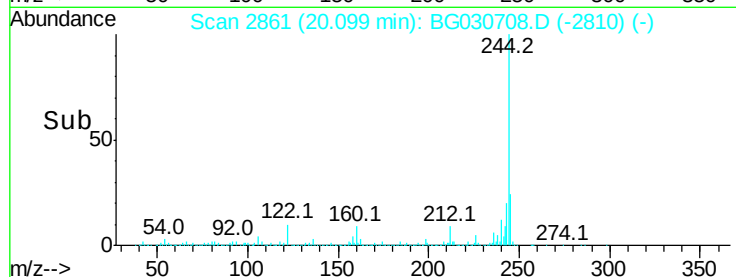
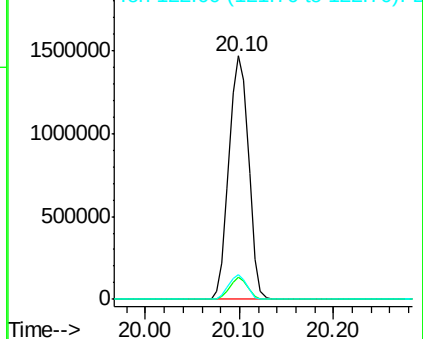
122 10.3 7.0 10.4



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# 3708

Delta R.T. -0.02 min

Lab File: BG030708.D

Acq: 3 Nov 2017 20:15

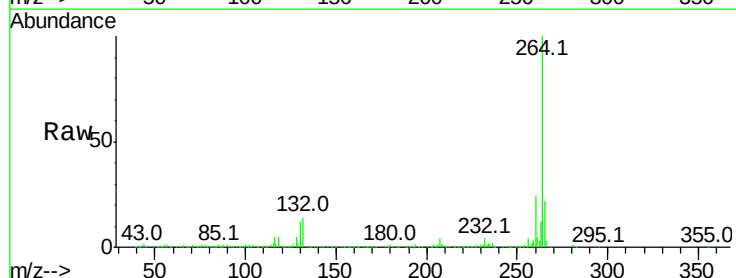
Tgt Ion:264 Resp: 510660

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 22.1 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

