

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110417\
 Data File : BG030721.D
 Acq On : 4 Nov 2017 4:24
 Operator : SJ/JU
 Sample : I6275-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-2

Quant Time: Nov 04 05:46:06 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

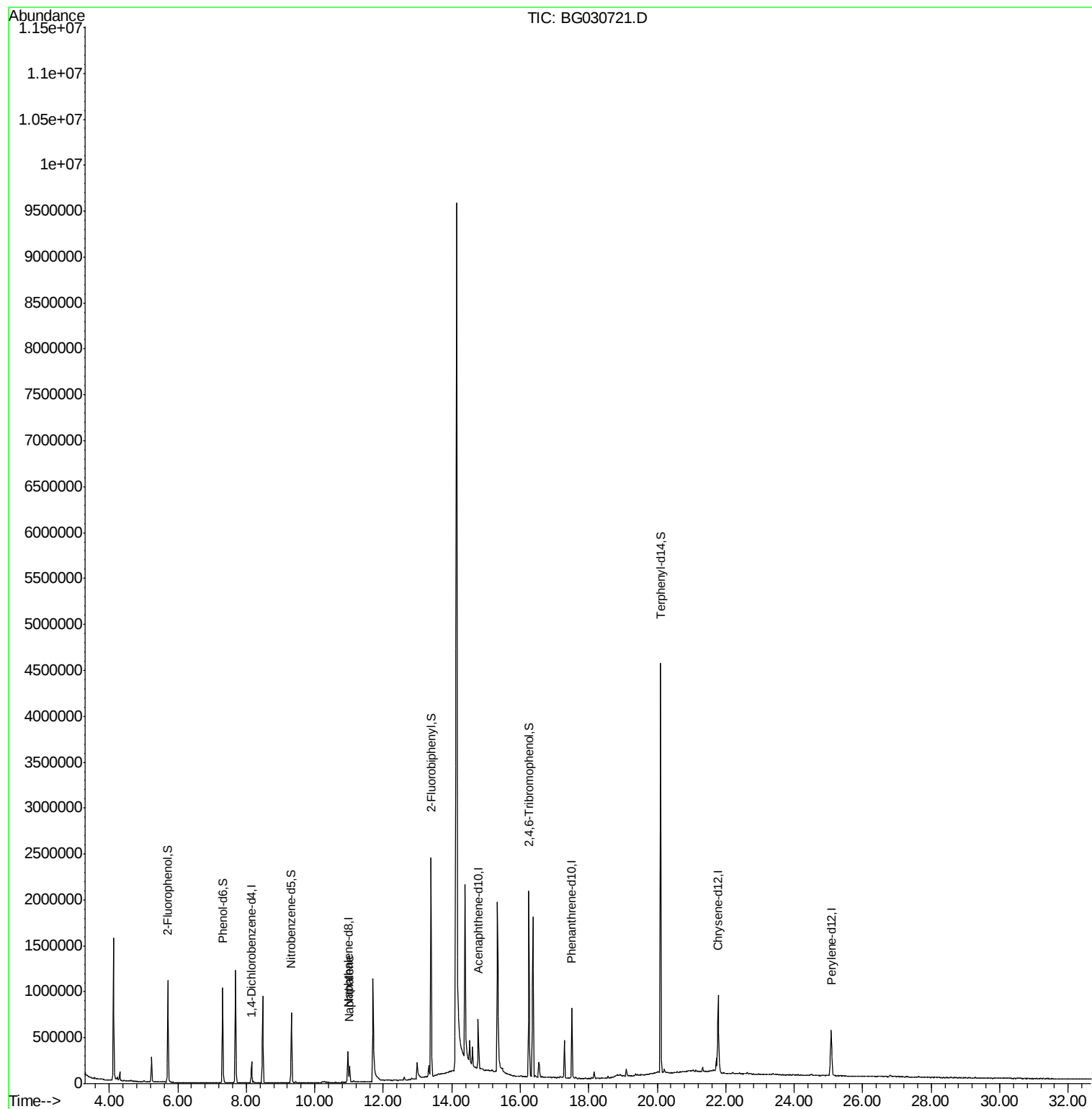
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	66429	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	306102	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	196920	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	484829	20.00	ng	0.00
75) Chrysene-d12	21.78	240	526024	20.00	ng	0.00
86) Perylene-d12	25.08	264	532213	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	523901	131.75	ng	0.00
7) Phenol-d6	7.31	99	641742	114.97	ng	0.00
23) Nitrobenzene-d5	9.32	82	487050	101.11	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	419026	164.81	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1271254	94.68	ng	0.00
78) Terphenyl-d14	20.10	244	2051776	88.73	ng	0.00
Target Compounds						
31) Naphthalene	11.01	128	153278	10.047	ng	Qvalue 99

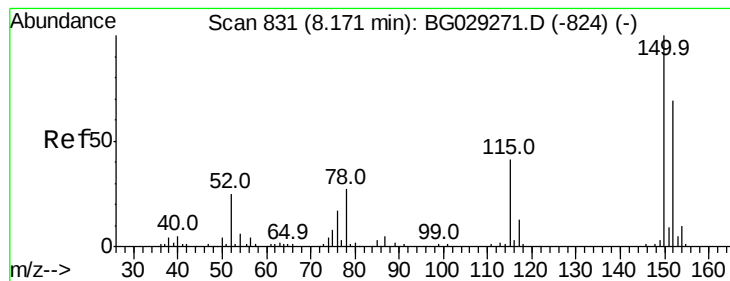
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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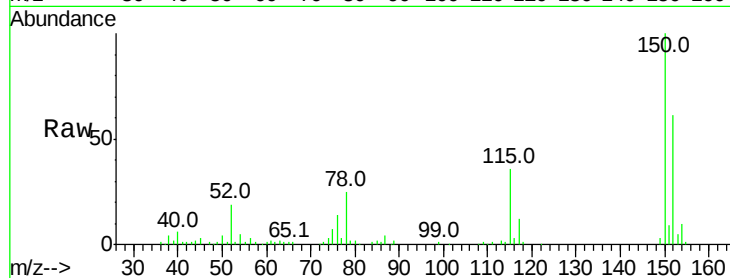


#1

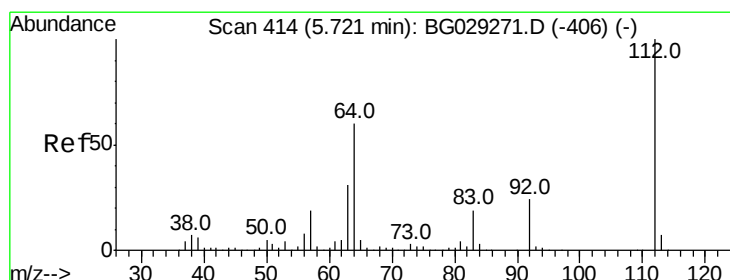
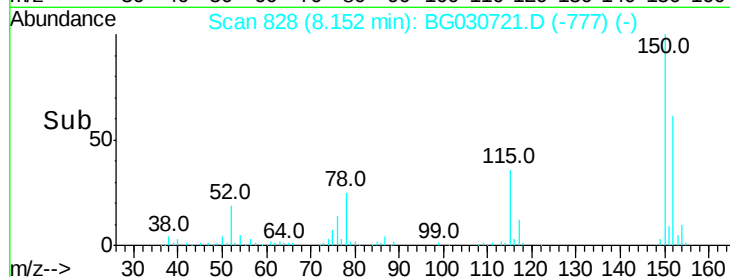
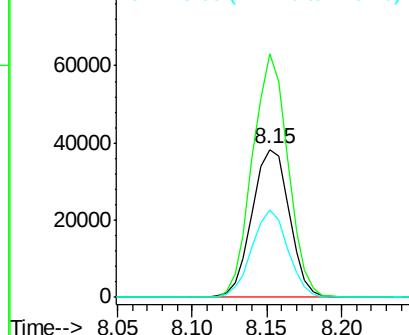
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG030721.D
Acq: 4 Nov 2017 4:24

Instrument :
BNA_G
ClientSampleId :
DRUM-2

Tot Ion:152 Resp: 66429
Ion Ratio Lower Upper
152 100
150 164.4 126.6 189.8
115 58.8 53.0 79.4



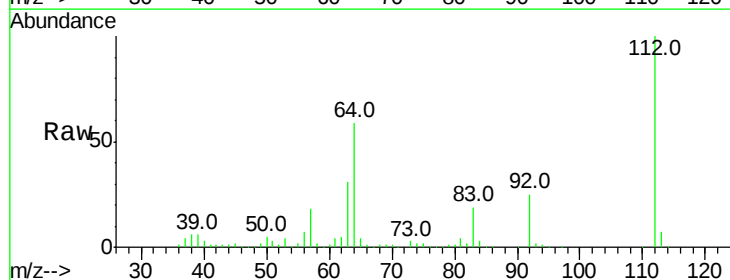
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



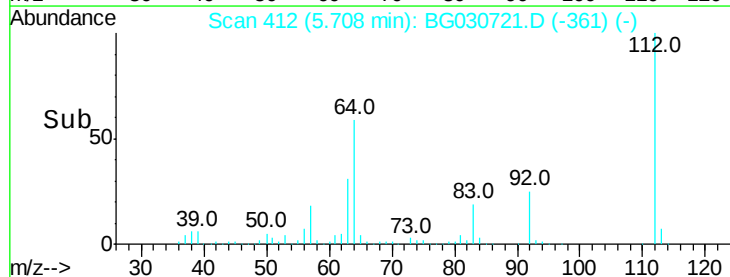
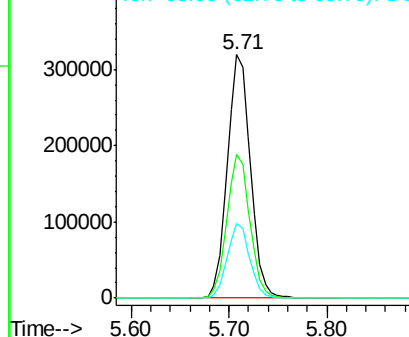
#5

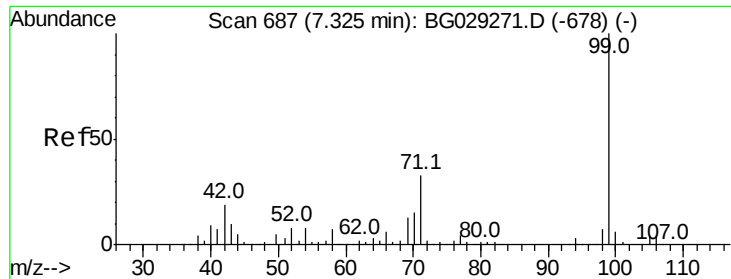
2-Fluorophenol
Concen: 131.750 ng
RT: 5.71 min Scan# 412
Delta R.T. -0.00 min
Lab File: BG030721.D
Acq: 4 Nov 2017 4:24

Tgt Ion:112 Resp: 523901
Ion Ratio Lower Upper
112 100
64 59.2 56.3 84.5
63 30.7 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: 114.975 ng

RT: 7.31 min Scan# 685

Delta R.T. 0.00 min

Lab File: BG030721.D

Acq: 4 Nov 2017 4:24

Instrument :

BNA_G

ClientSampleId :

DRUM-2

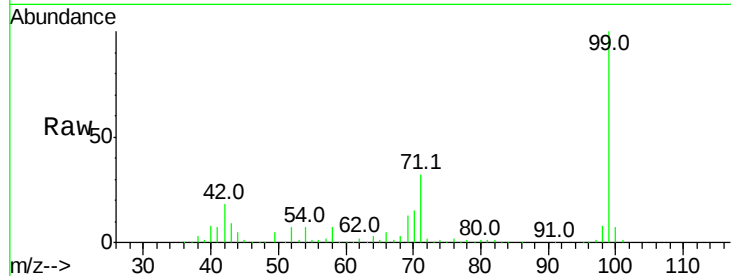
Tot Ion: 99 Resp: 641742

Ion Ratio Lower Upper

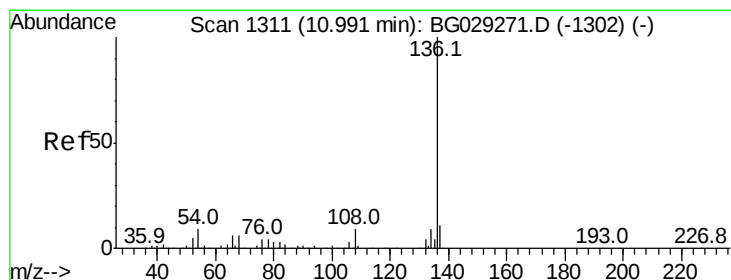
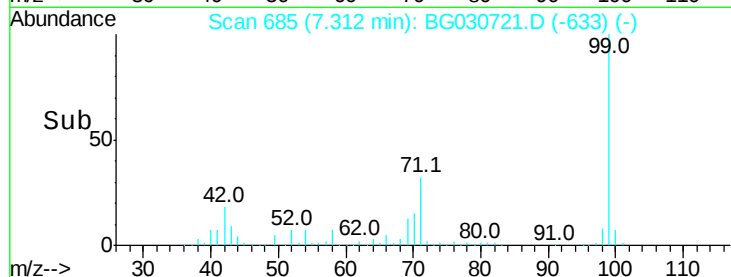
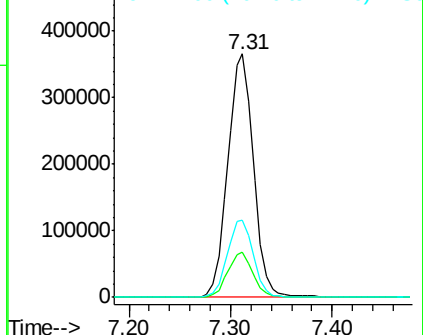
99 100

42 18.3 14.1 21.1

71 31.8 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: BG030721.D

Acq: 4 Nov 2017 4:24

Tgt Ion: 136 Resp: 306102

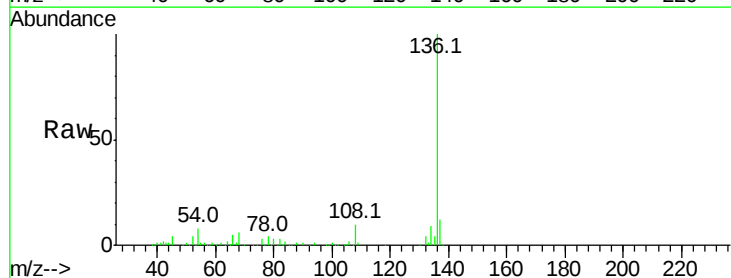
Ion Ratio Lower Upper

136 100

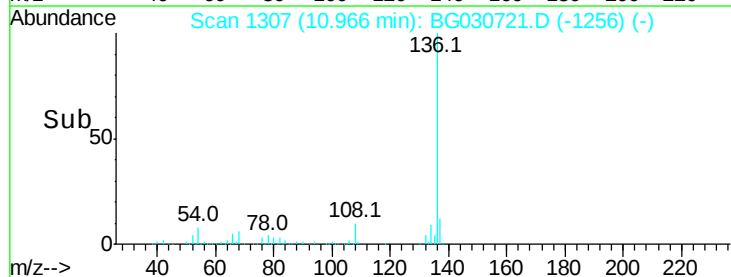
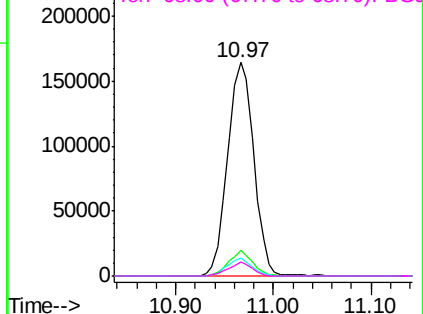
137 12.0 9.2 13.8

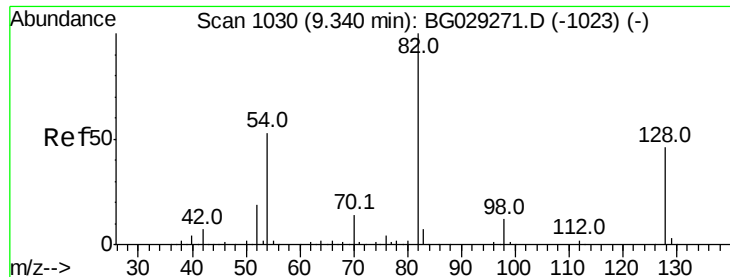
54 8.1 10.3 15.5#

68 6.3 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

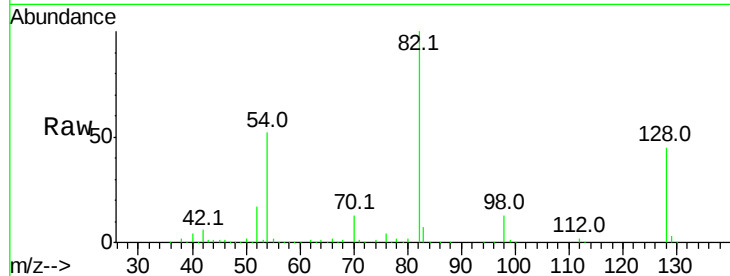




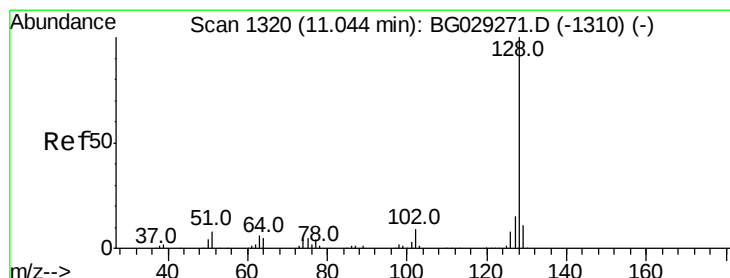
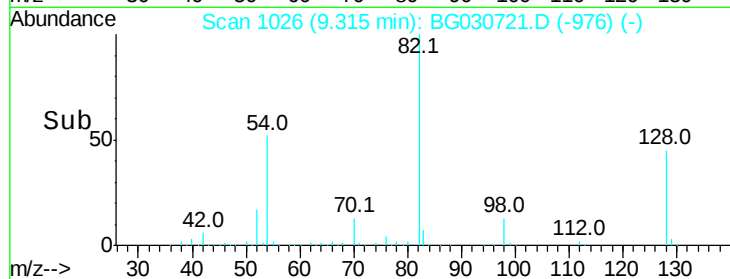
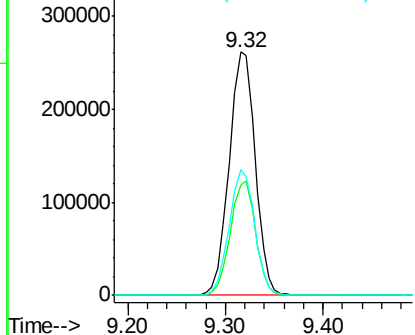
#23
 Nitrobenzene-d5
 Concen: 101.112 ng
 RT: 9.32 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG030721.D
 Acq: 4 Nov 2017 4:24

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-2

Tot Ion: 82 Resp: 487050
 Ion Ratio Lower Upper
 82 100
 128 45.3 29.7 44.5#
 54 51.6 43.1 64.7

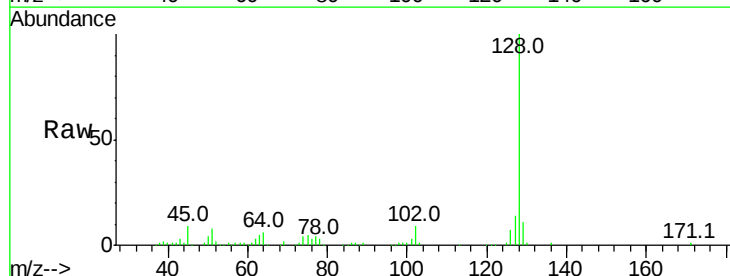


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

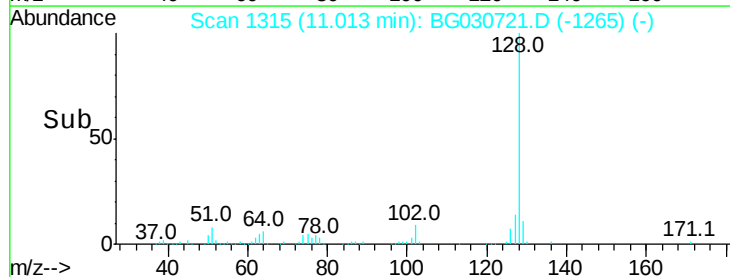
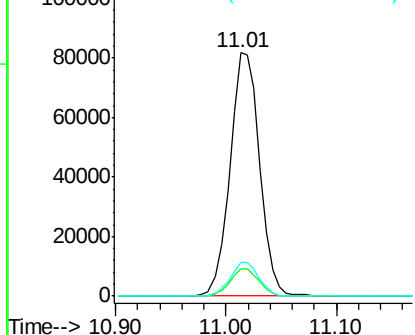


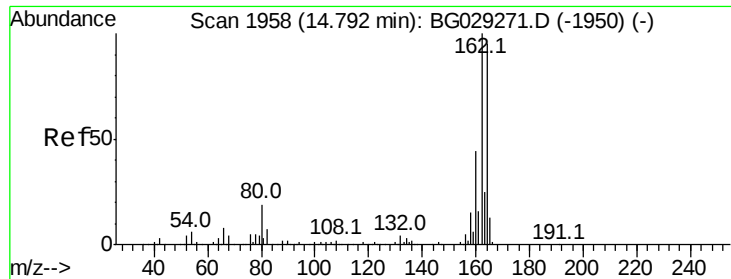
#31
 Naphthalene
 Concen: 10.047 ng
 RT: 11.01 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BG030721.D
 Acq: 4 Nov 2017 4:24

Tgt Ion: 128 Resp: 153278
 Ion Ratio Lower Upper
 128 100
 129 11.2 8.6 12.8
 127 13.9 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG030721.D

Acq: 4 Nov 2017 4:24

Instrument :

BNA_G

ClientSampleId :

DRUM-2

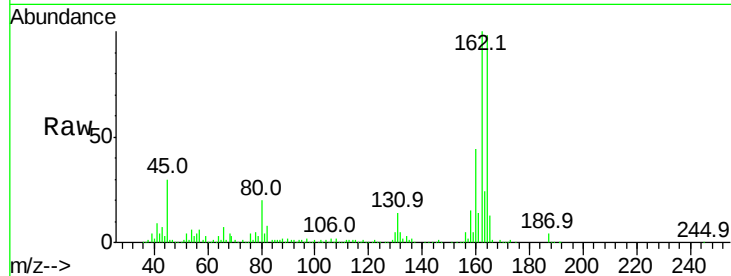
Tot Ion:164 Resp: 196920

Ion Ratio Lower Upper

164 100

162 102.5 78.8 118.2

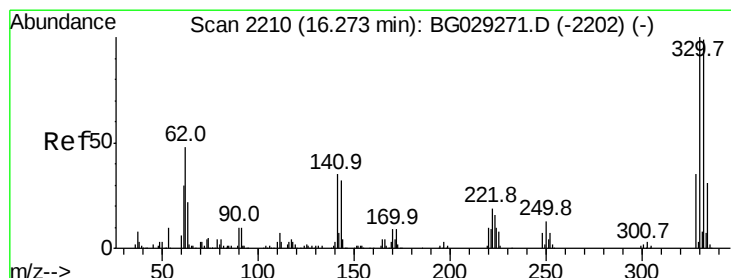
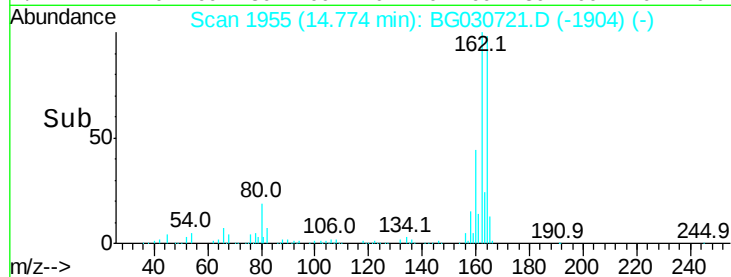
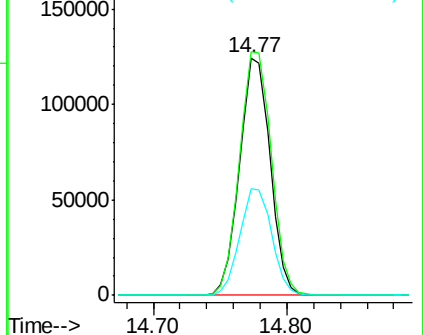
160 45.0 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 164.813 ng

RT: 16.25 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BG030721.D

Acq: 4 Nov 2017 4:24

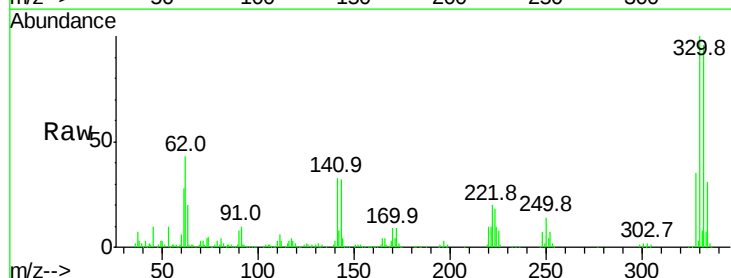
Tgt Ion:330 Resp: 419026

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

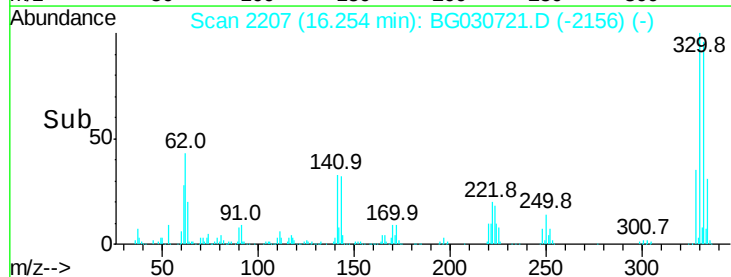
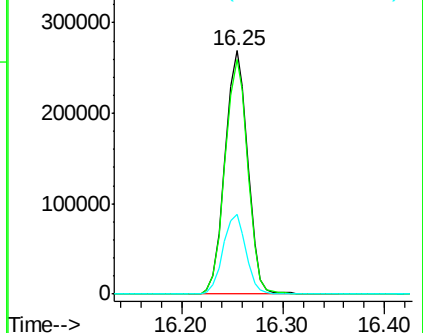
141 32.9 25.2 37.8

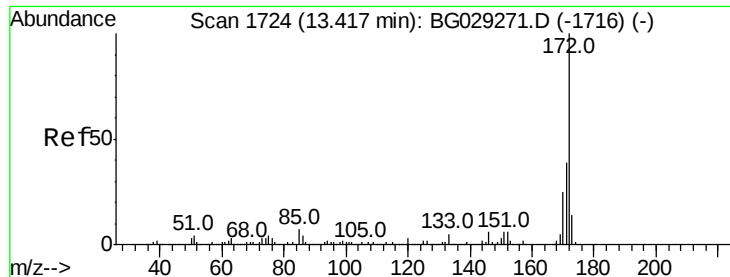


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

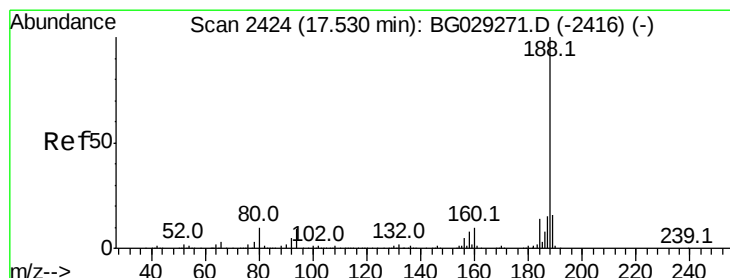
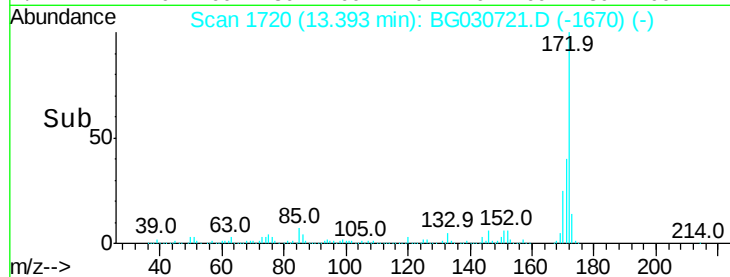
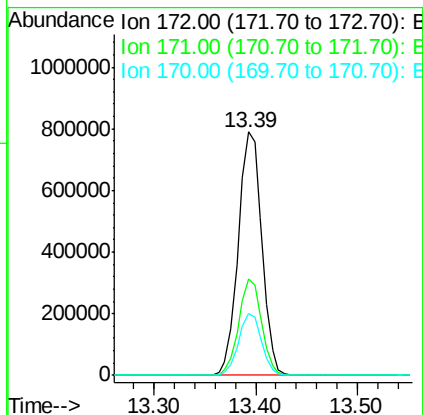
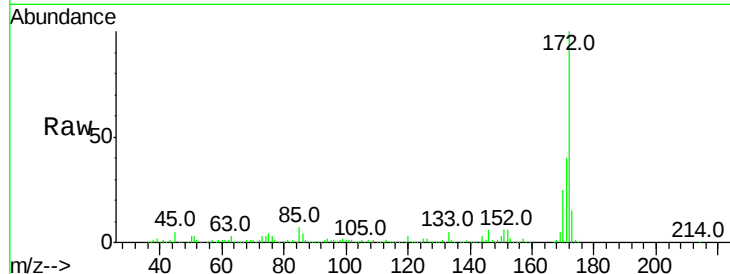




#44
2-Fluorobiphenyl
Concen: 94.683 ng
RT: 13.39 min Scan# 1720
Delta R.T. -0.01 min
Lab File: BG030721.D
Acq: 4 Nov 2017 4:24

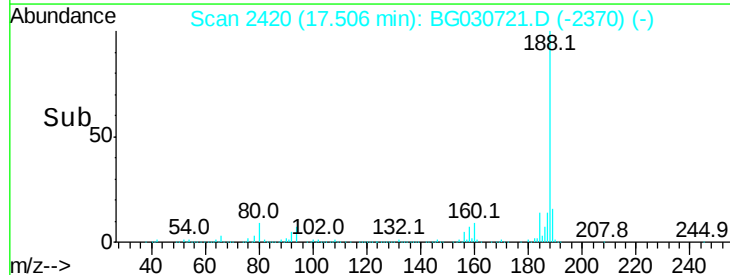
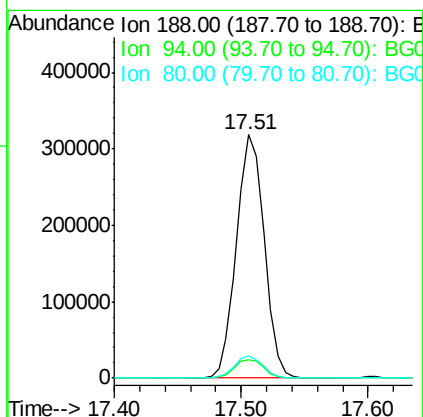
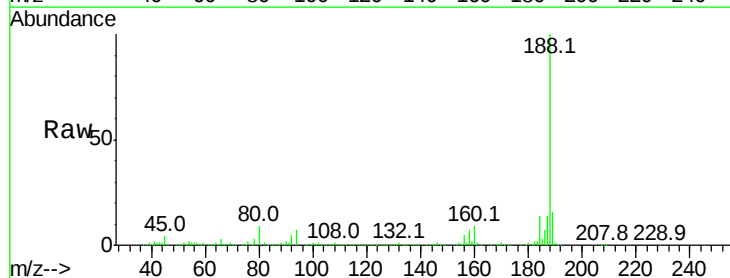
Instrument :
BNA_G
ClientSampled :
DRUM-2

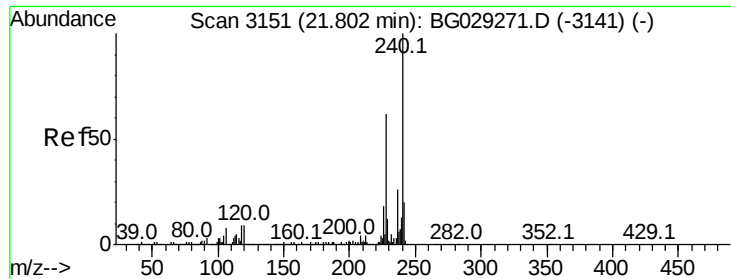
Tot Ion:172 Resp: 1271254
Ion Ratio Lower Upper
172 100
171 39.7 30.0 45.0
170 25.4 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BG030721.D
Acq: 4 Nov 2017 4:24

Tgt Ion:188 Resp: 484829
Ion Ratio Lower Upper
188 100
94 7.3 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: BG030721.D

Acq: 4 Nov 2017 4:24

Instrument :

BNA_G

ClientSampleId :

DRUM-2

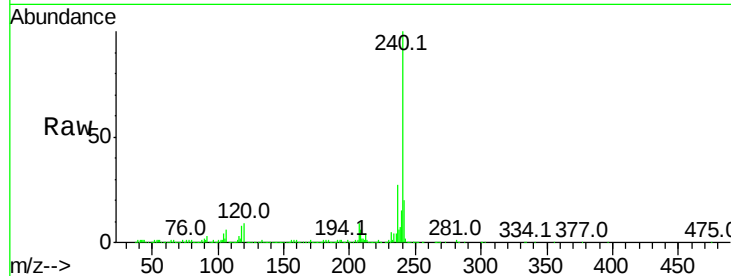
Tot Ion:240 Resp: 526024

Ion Ratio Lower Upper

240 100

120 8.5 6.8 10.2

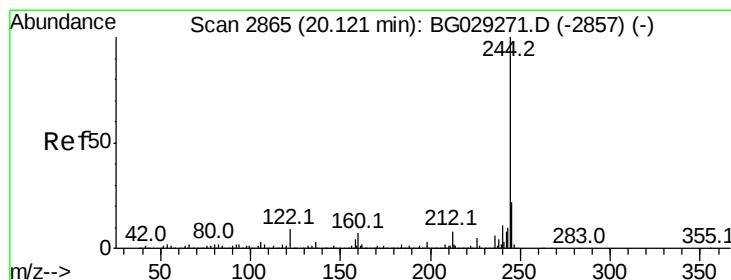
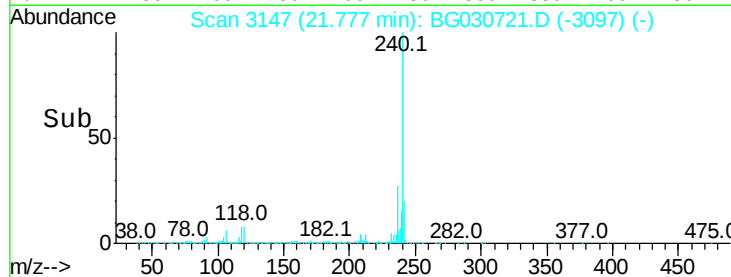
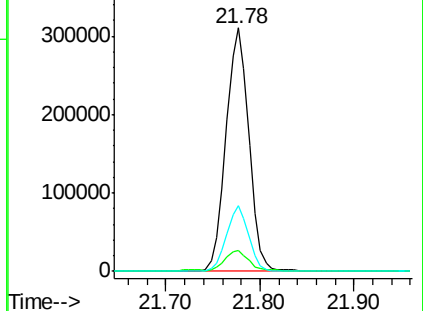
236 26.8 20.9 31.3



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: 88.735 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG030721.D

Acq: 4 Nov 2017 4:24

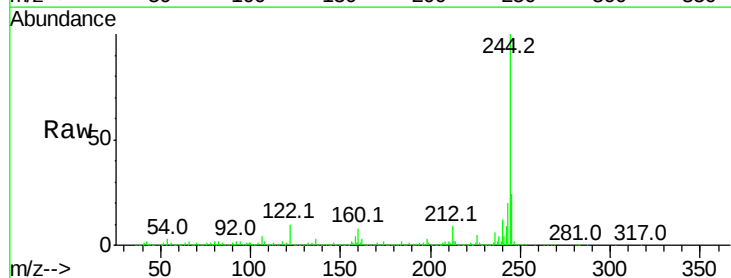
Tgt Ion:244 Resp: 2051776

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

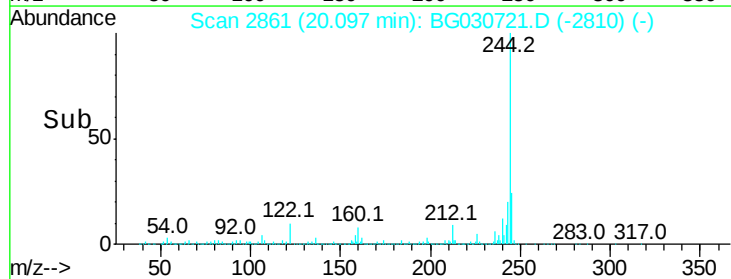
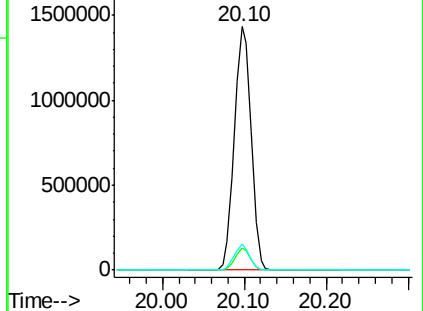
122 10.5 7.0 10.4#

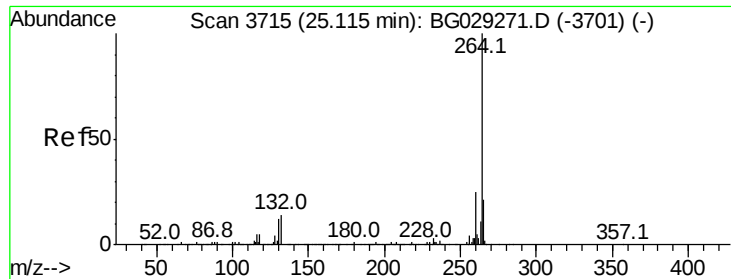


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

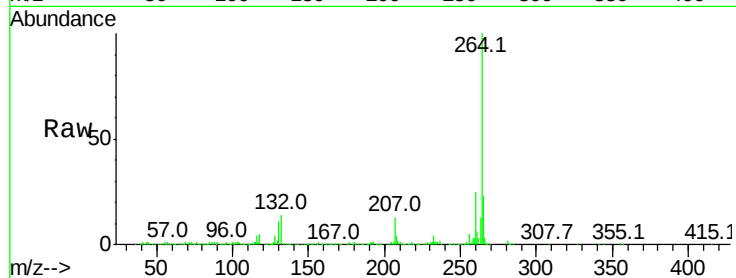




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.01 min
Lab File: BG030721.D
Acq: 4 Nov 2017 4:24

Instrument :
BNA_G
ClientSampleId :
DRUM-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.4	26.0
265	22.7	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

