

Data Path : Z:\HPCHEM1\BNA G\DATA\BG103117\
 Data File : BG030612.D
 Acq On : 31 Oct 2017 14:57
 Operator : SJ/JU
 Sample : PB103775BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB103775BL

Quant Time: Nov 01 06:26:55 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	66577	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	315887	20.00	ng	-0.02
38) Acenaphthene-d10	14.78	164	218047	20.00	ng	-0.02
63) Phenanthrene-d10	17.51	188	494126	20.00	ng	-0.02
75) Chrysene-d12	21.79	240	538489	20.00	ng	-0.01
86) Perylene-d12	25.10	264	549719	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	444154	111.45	ng	0.00
7) Phenol-d6	7.32	99	606794	108.47	ng	0.00
23) Nitrobenzene-d5	9.32	82	353234	71.06	ng	-0.02
41) 2,4,6-Tribromophenol	16.26	330	313383	111.32	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	1056004	71.03	ng	-0.02
78) Terphenyl-d14	20.11	244	1579728	66.74	ng	-0.02

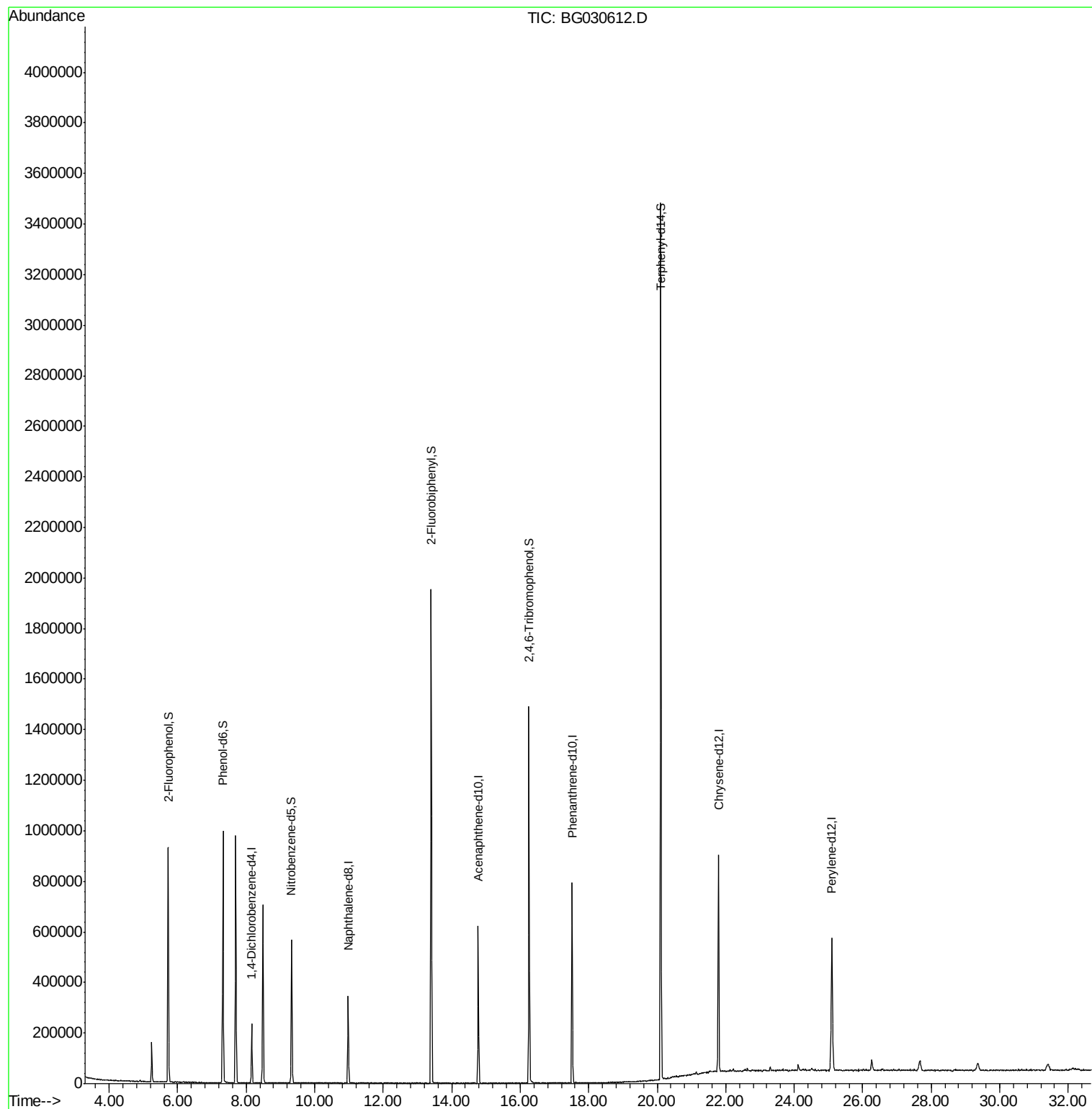
Target Compounds Qvalue

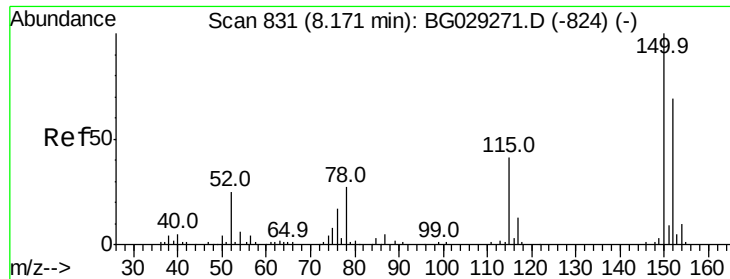
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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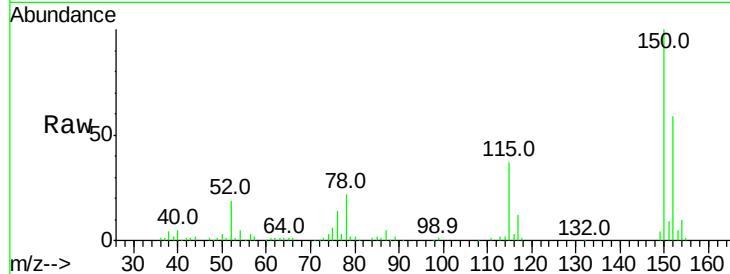


#1

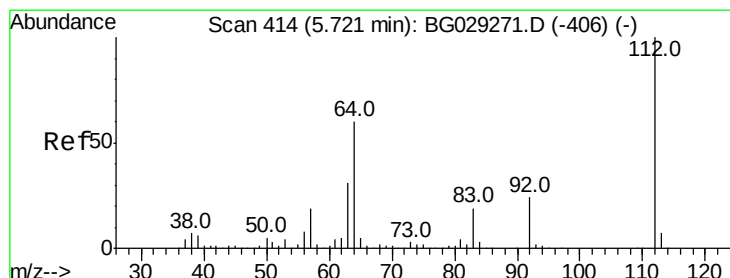
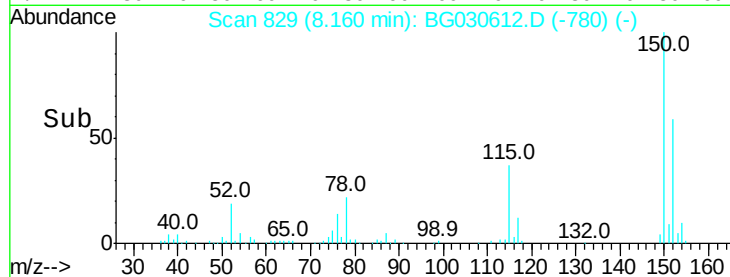
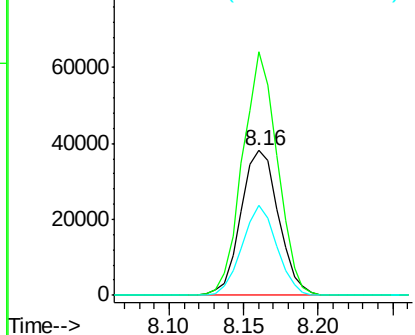
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG030612.D
Acq: 31 Oct 2017 14:57

Instrument :
BNA_G
ClientSampleId :
PB103775BL

Tot Ion:152 Resp: 66577
Ion Ratio Lower Upper
152 100
150 168.6 126.6 189.8
115 62.6 53.0 79.4



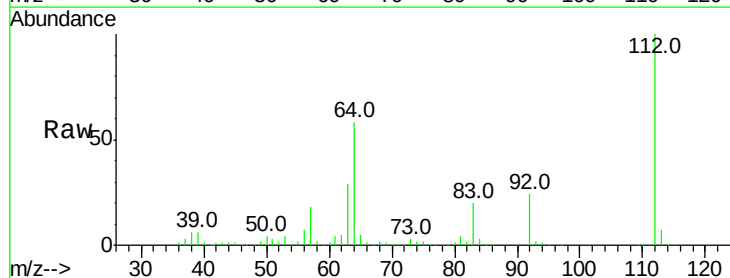
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



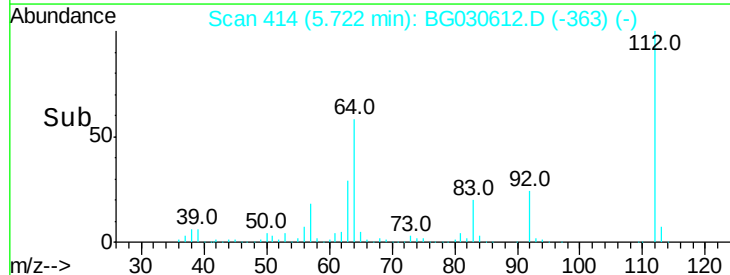
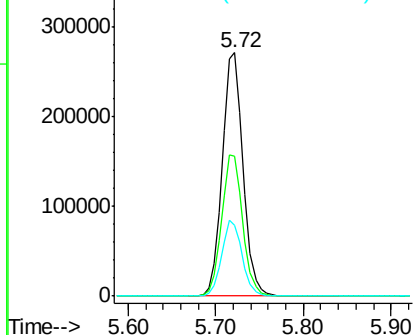
#5

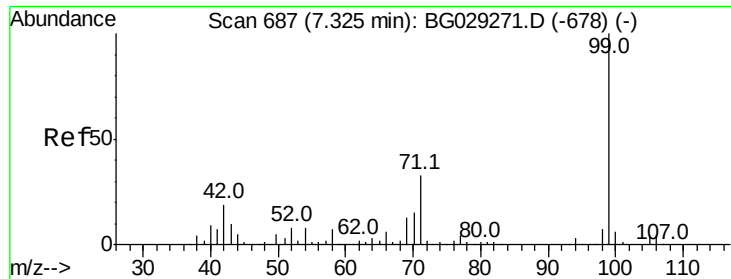
2-Fluorophenol
Concen: 111.447 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030612.D
Acq: 31 Oct 2017 14:57

Tgt Ion:112 Resp: 444154
Ion Ratio Lower Upper
112 100
64 57.6 56.3 84.5
63 29.3 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: 108.472 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030612.D

Acq: 31 Oct 2017 14:57

Instrument :

BNA_G

ClientSampleId :

PB103775BL

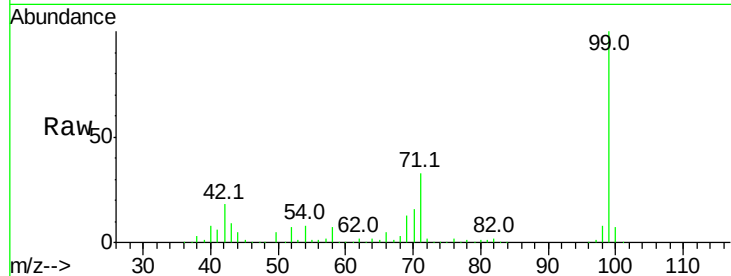
Tot Ion: 99 Resp: 606794

Ion Ratio Lower Upper

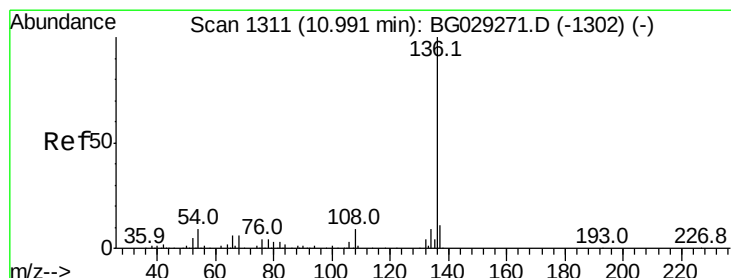
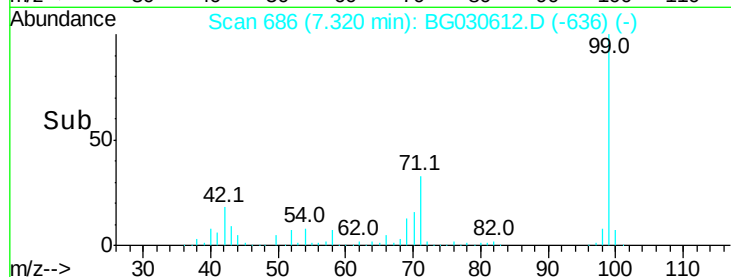
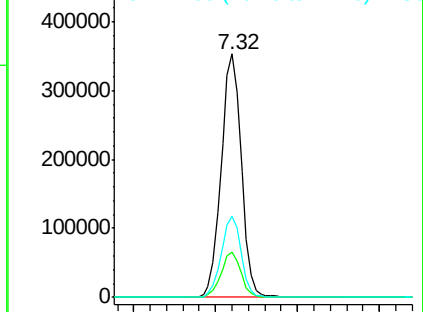
99 100

42 18.3 14.1 21.1

71 33.4 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# 1308

Delta R.T. -0.02 min

Lab File: BG030612.D

Acq: 31 Oct 2017 14:57

Tgt Ion: 136 Resp: 315887

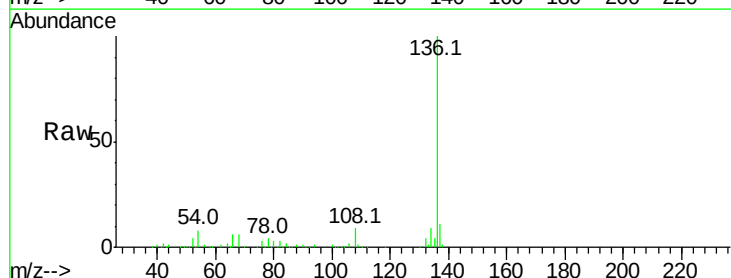
Ion Ratio Lower Upper

136 100

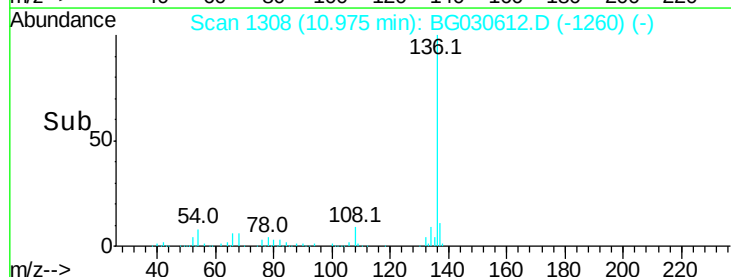
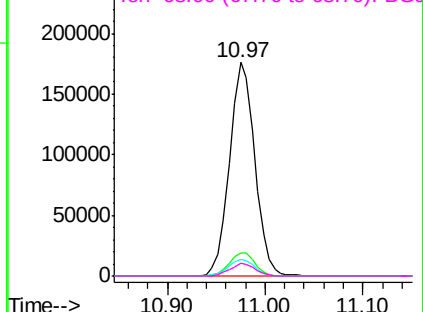
137 10.8 9.2 13.8

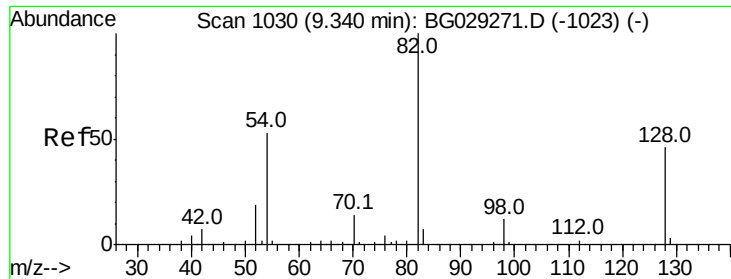
54 7.6 10.3 15.5#

68 5.7 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

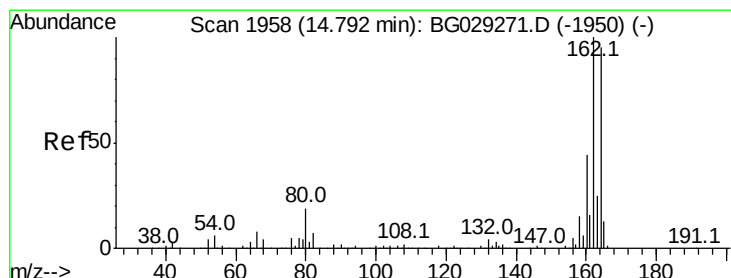
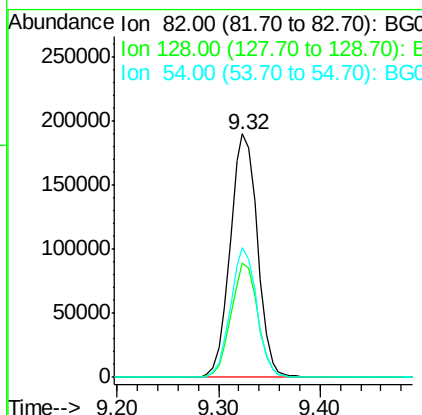
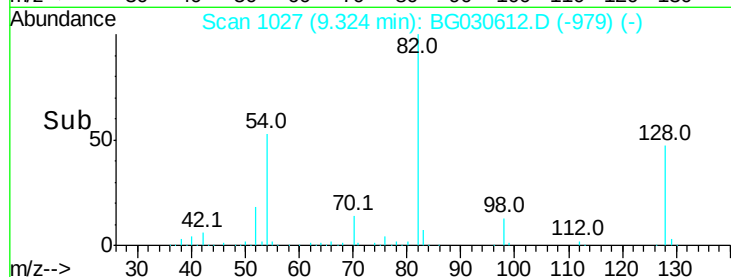
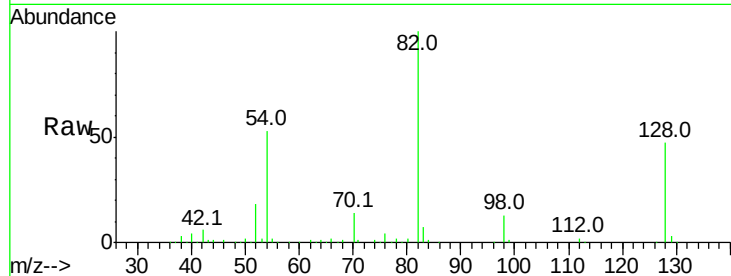




#23
 Nitrobenzene-d5
 Concen: 71.060 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG030612.D
 Acq: 31 Oct 2017 14:57

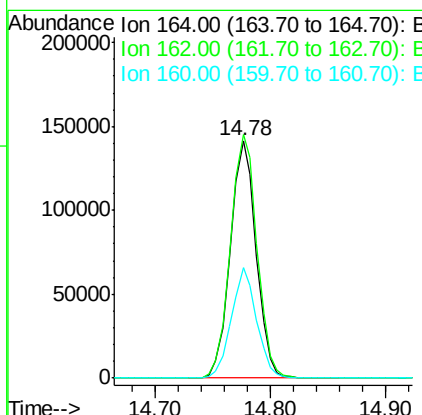
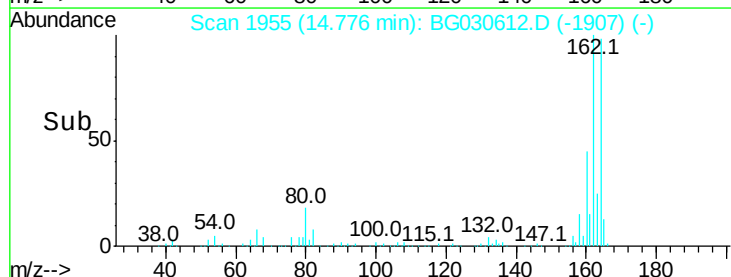
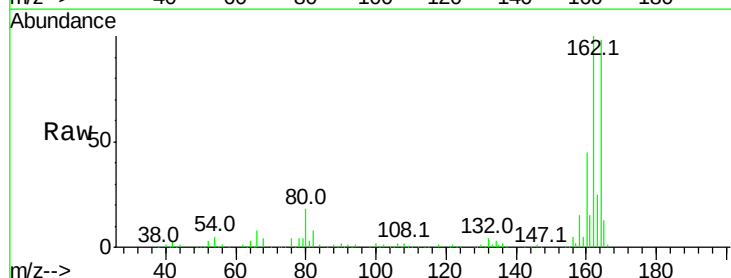
Instrument :
 BNA_G
 ClientSampleID :
 PB103775BL

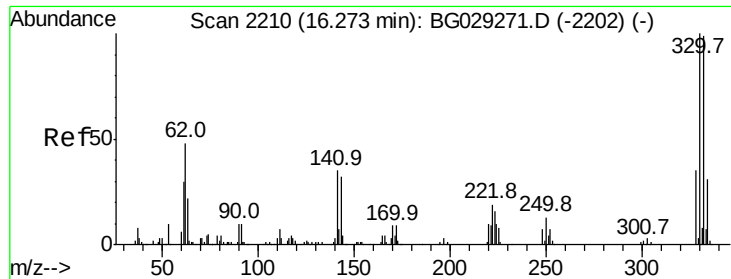
Tot Ion: 82 Resp: 353234
 Ion Ratio Lower Upper
 82 100
 128 47.2 29.7 44.5#
 54 53.3 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1955
 Delta R.T. -0.02 min
 Lab File: BG030612.D
 Acq: 31 Oct 2017 14:57

Tgt Ion:164 Resp: 218047
 Ion Ratio Lower Upper
 164 100
 162 102.5 78.8 118.2
 160 46.6 35.4 53.0

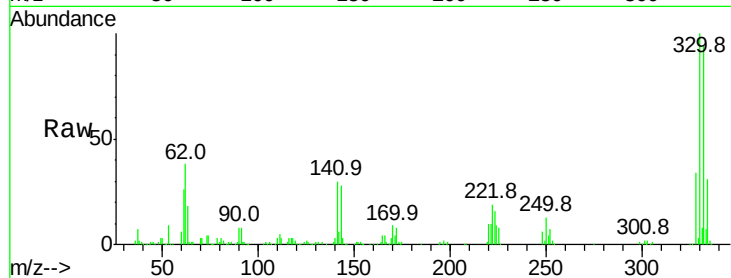




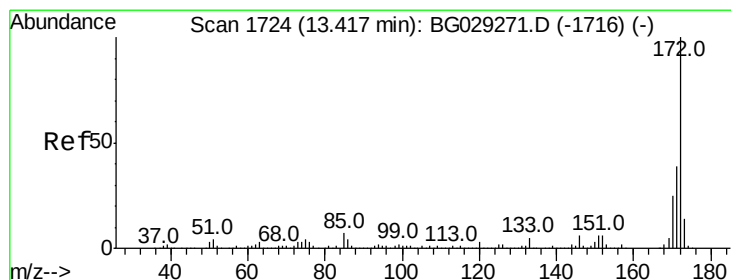
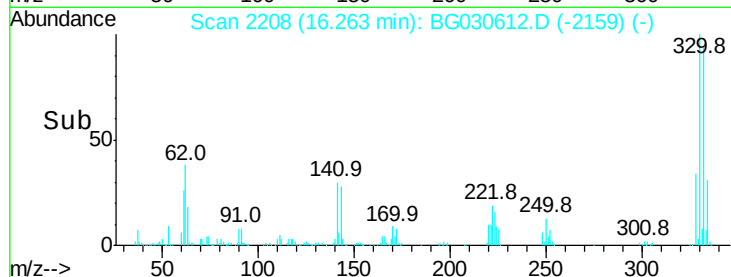
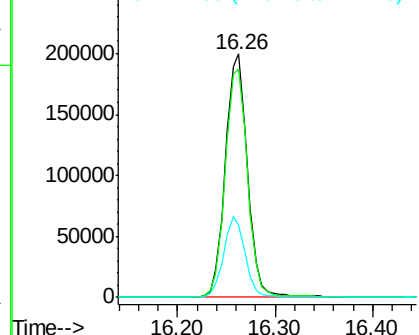
#41
 2,4,6-Tribromophenol
 Concen: 111.318 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG030612.D
 Acq: 31 Oct 2017 14:57

Instrument :
 BNA_G
 ClientSampleId :
 PB103775BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	32.3	25.2	37.8

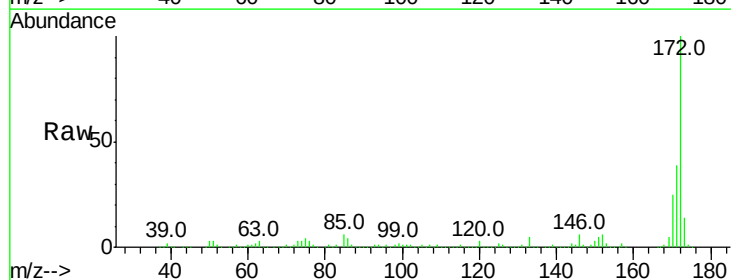


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

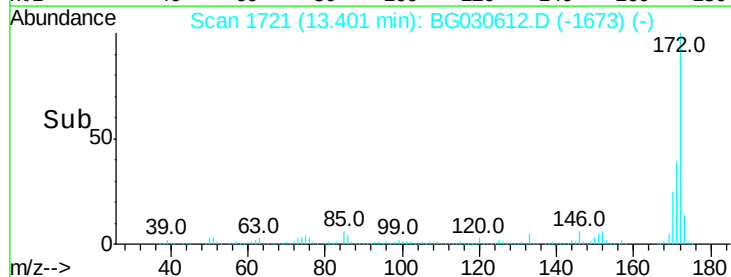
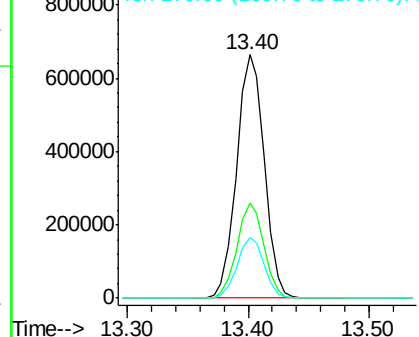


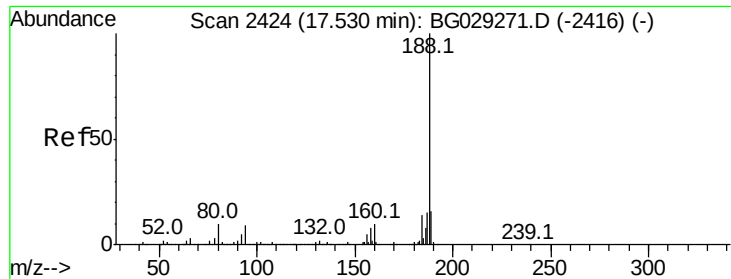
#44
 2-Fluorobiphenyl
 Concen: 71.030 ng
 RT: 13.40 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BG030612.D
 Acq: 31 Oct 2017 14:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	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

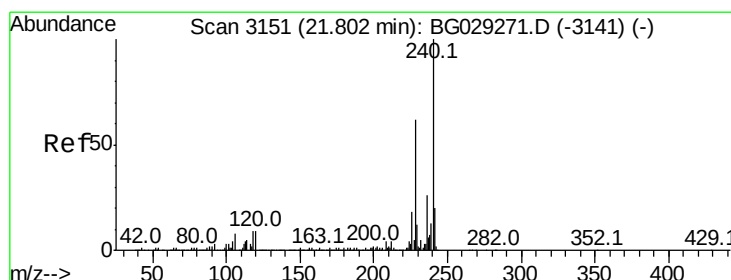
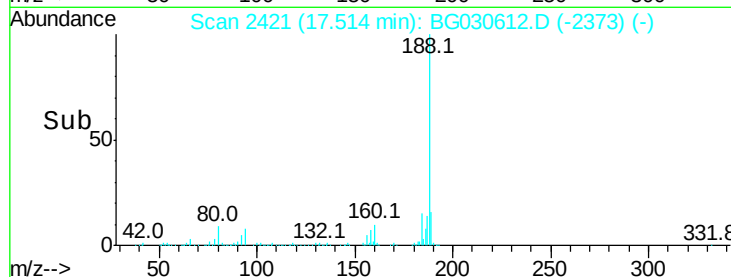
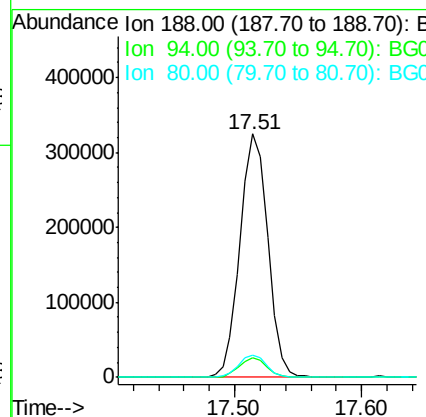
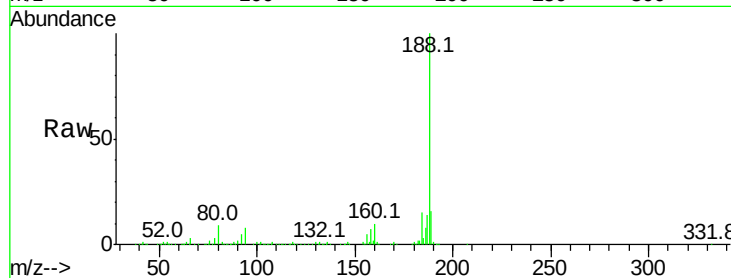




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. -0.02 min
 Lab File: BG030612.D
 Acq: 31 Oct 2017 14:57

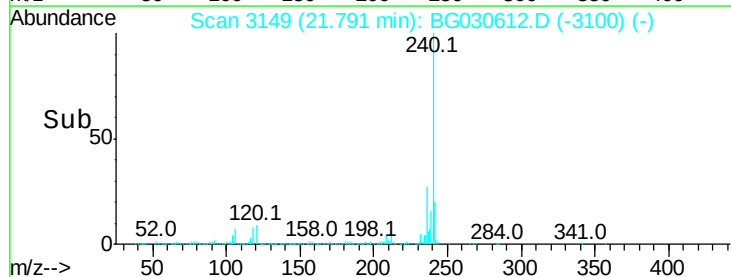
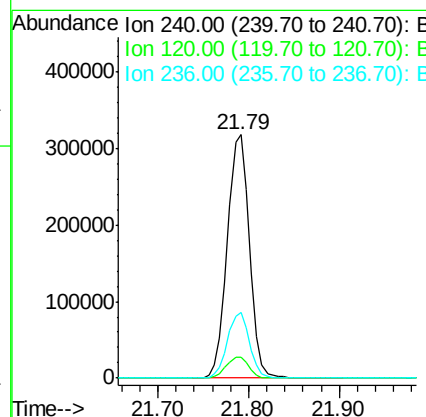
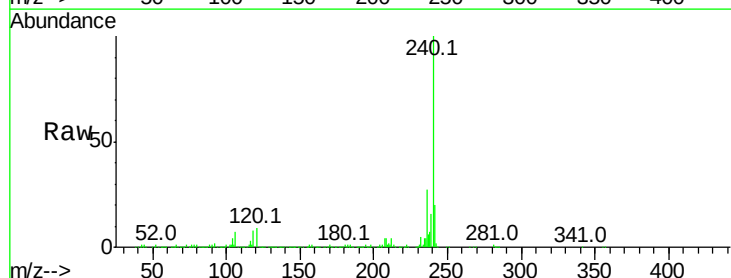
Instrument :
 BNA_G
 ClientSampleId :
 PB103775BL

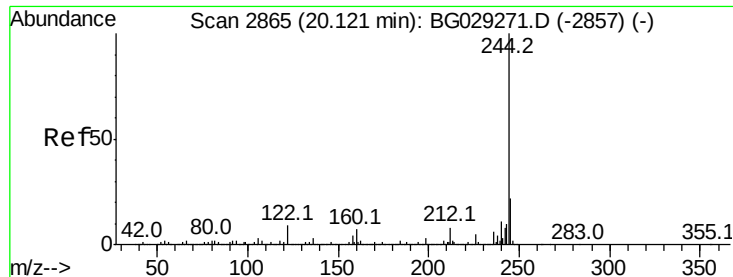
Tot Ion:188 Resp: 494126
 Ion Ratio Lower Upper
 188 100
 94 8.0 6.9 10.3
 80 9.2 7.7 11.5



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.79 min Scan# 3149
 Delta R.T. -0.01 min
 Lab File: BG030612.D
 Acq: 31 Oct 2017 14:57

Tgt Ion:240 Resp: 538489
 Ion Ratio Lower Upper
 240 100
 120 8.5 6.8 10.2
 236 27.2 20.9 31.3





#78

Terphenyl-d14

Concen: 66.738 ng

RT: 20.11 min Scan# 2862

Delta R.T. -0.02 min

Lab File: BG030612.D

Acq: 31 Oct 2017 14:57

Instrument :

BNA_G

ClientSampleId :

PB103775BL

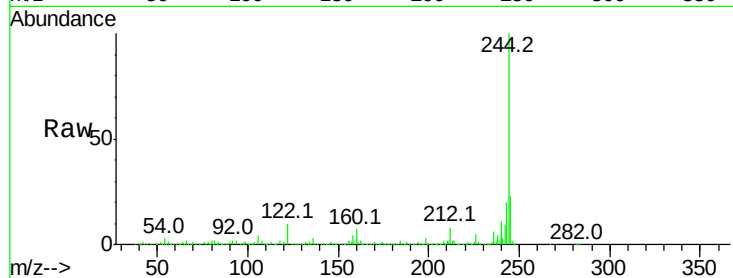
Tot Ion:244 Resp: 1579728

Ion Ratio Lower Upper

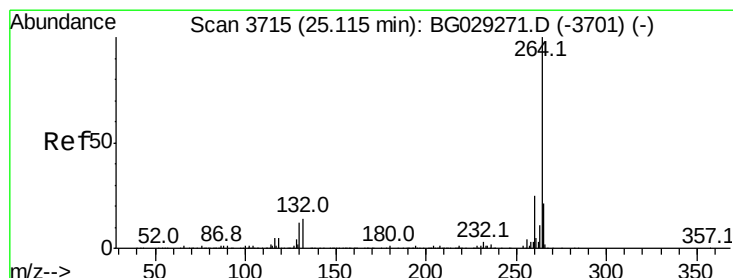
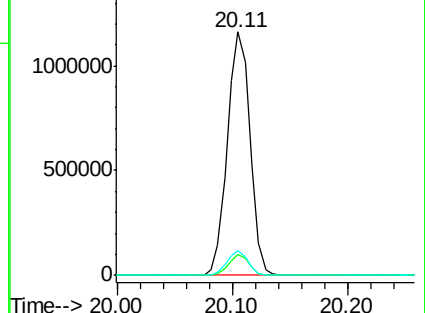
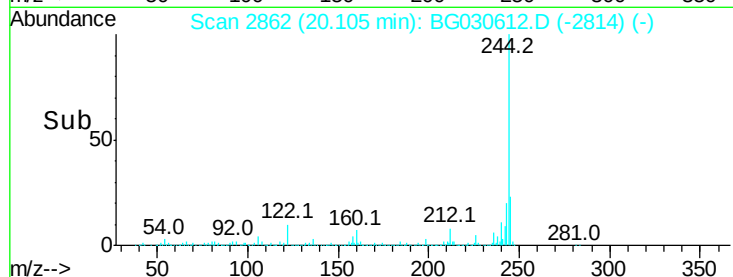
244 100

212 8.4 5.8 8.8

122 10.0 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: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG030612.D

Acq: 31 Oct 2017 14:57

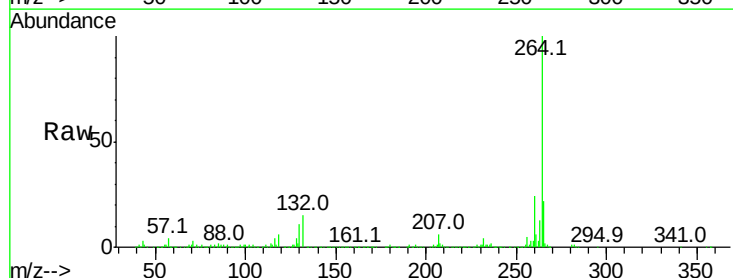
Tgt Ion:264 Resp: 549719

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 21.7 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

