

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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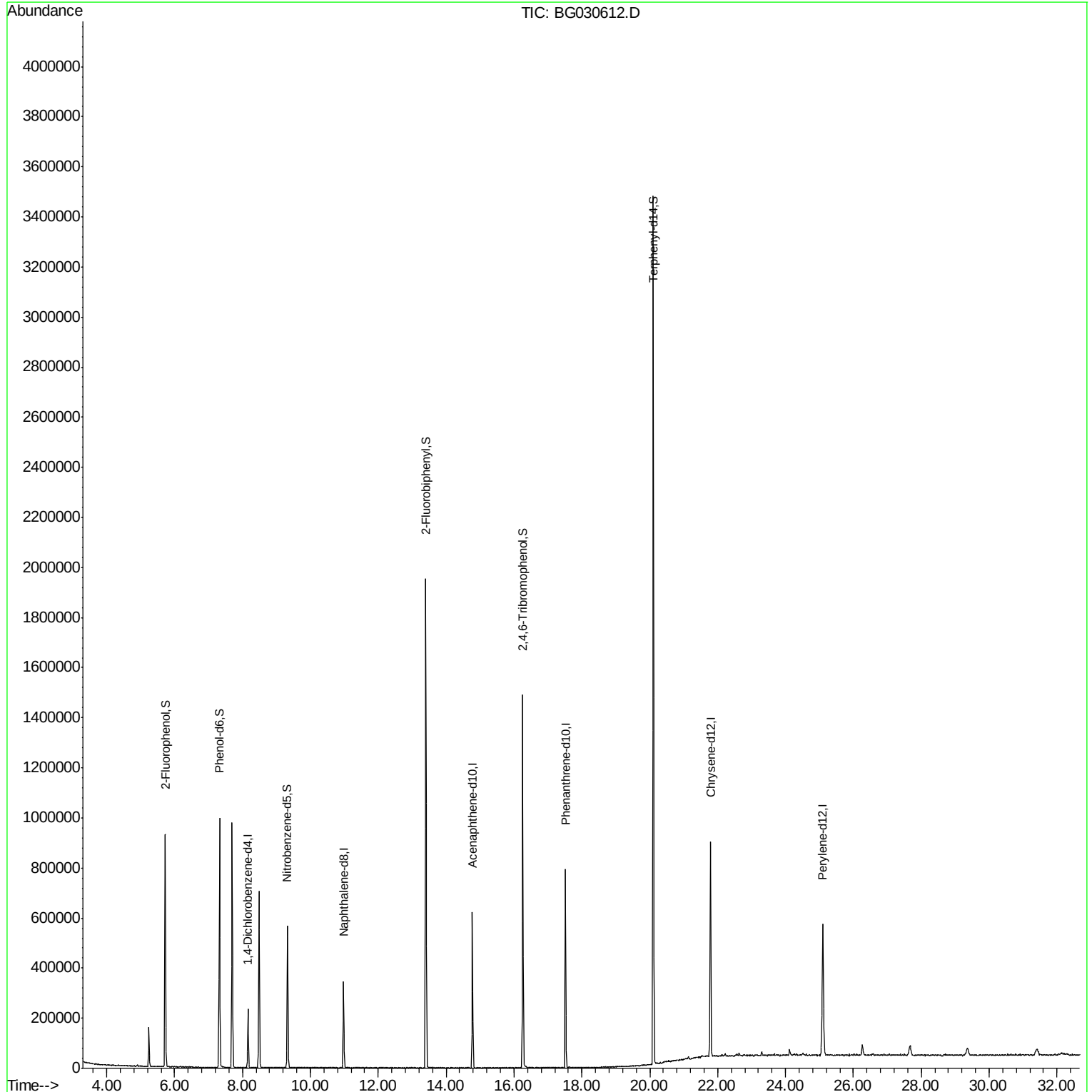
Quant Time: Nov 01 06:26:55 2017

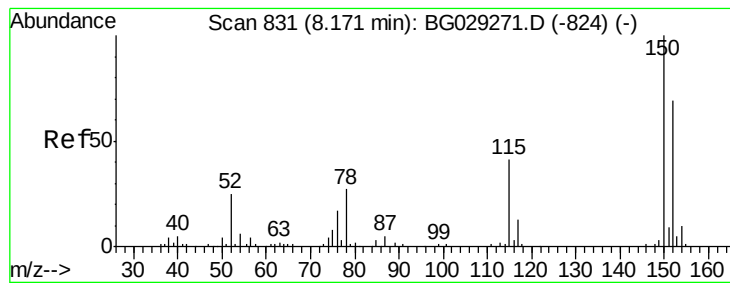
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101617.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Oct 16 17:32:15 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 829

Delta R.T. -0.01 min

Lab File: BG030612.D

Acq: 31 Oct 2017 14:57

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BNA_G

ClientSampleId :

PB103775BL

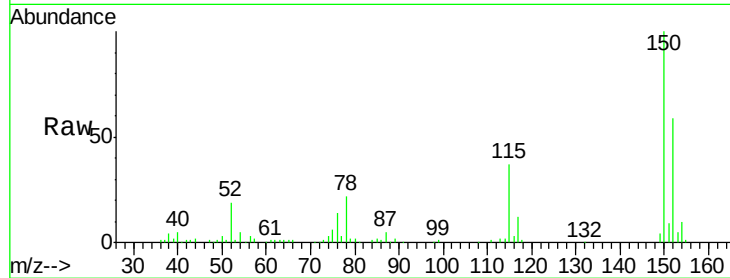
Tgt Ion:152 Resp: 66577

Ion Ratio Lower Upper

152 100

150 168.6 126.6 189.8

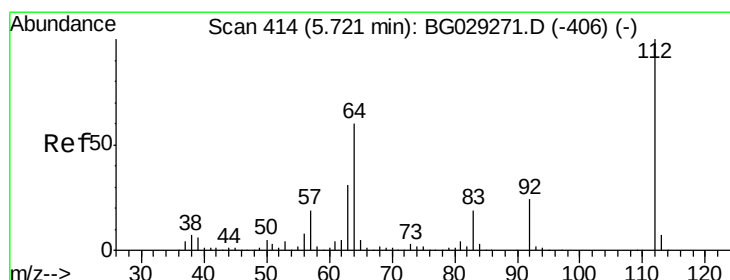
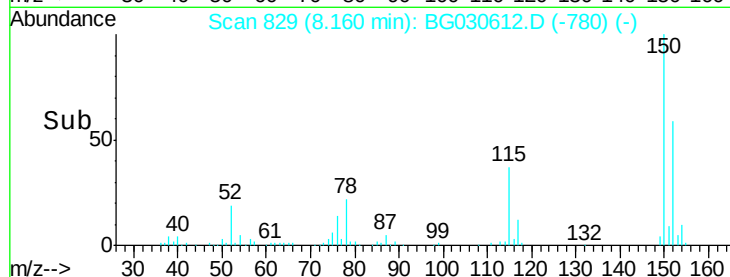
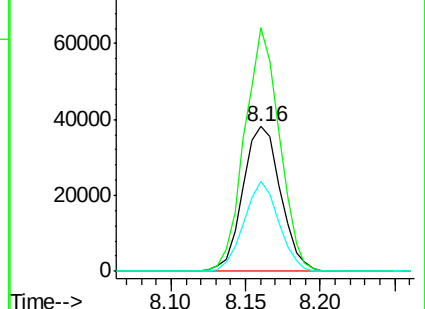
115 62.6 53.0 79.4



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: 111.45 ng

RT: 5.72 min Scan# 414

Delta R.T. 0.00 min

Lab File: BG030612.D

Acq: 31 Oct 2017 14:57

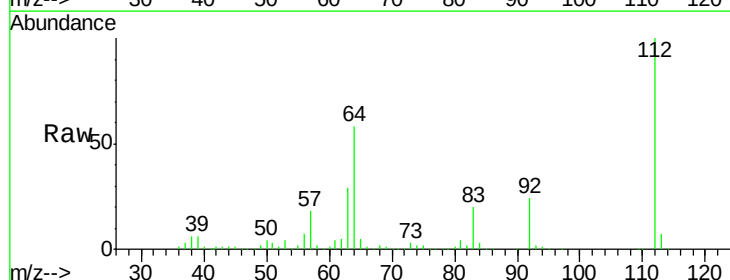
Tgt Ion:112 Resp: 444154

Ion Ratio Lower Upper

112 100

64 57.6 56.3 84.5

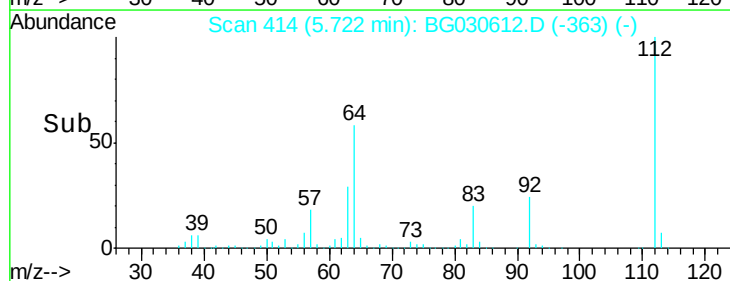
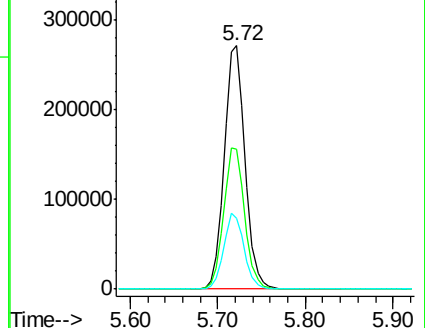
63 29.3 30.1 45.1#

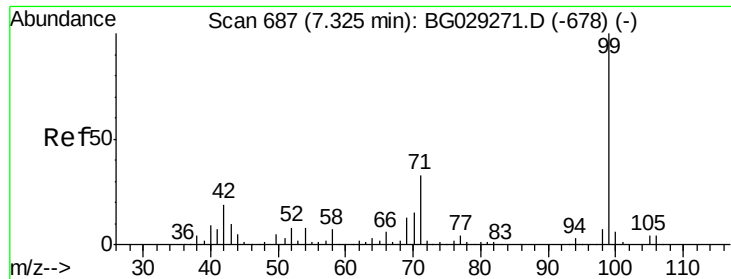


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 108.47 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

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Acq: 31 Oct 2017 14:57

Instrument :

BNA_G

ClientSampleId :

PB103775BL

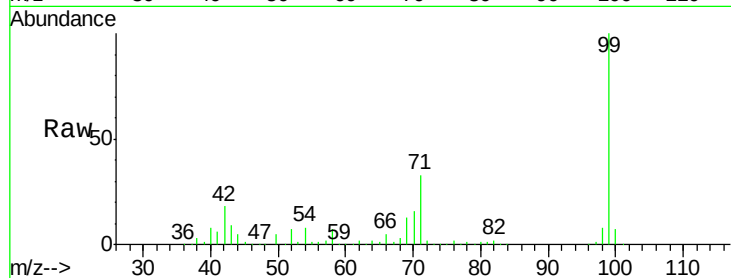
Tgt Ion: 99 Resp: 606794

Ion Ratio Lower Upper

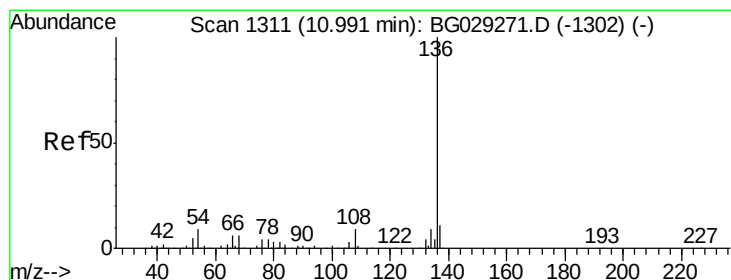
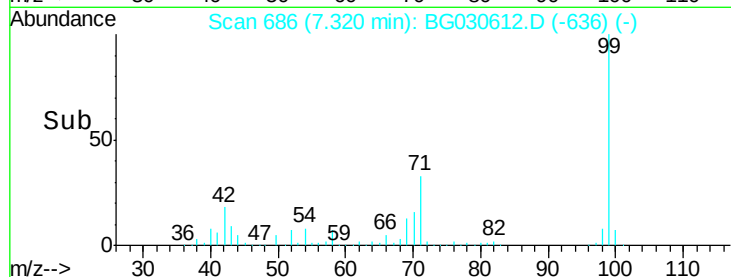
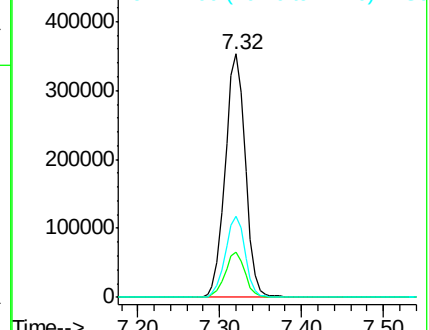
99 100

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: 20.00 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

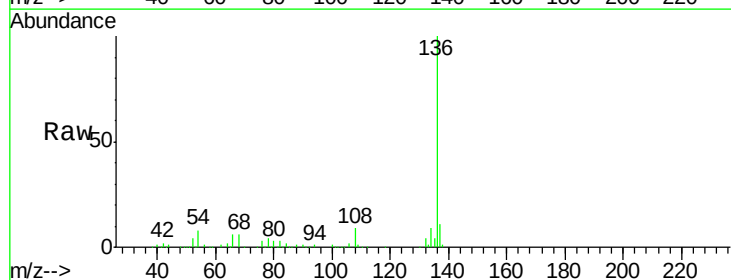
Ion Ratio Lower Upper

136 100

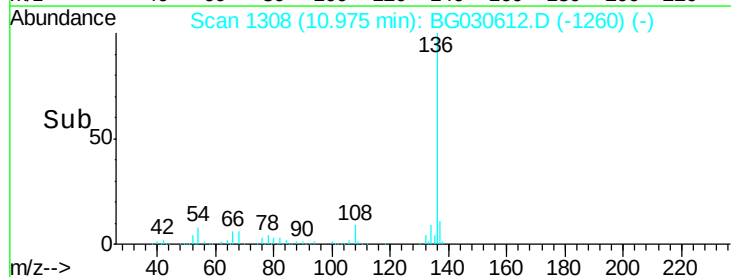
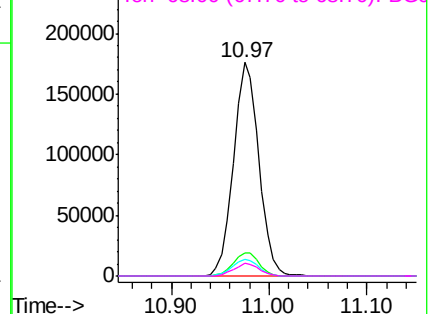
137 10.8 9.2 13.8

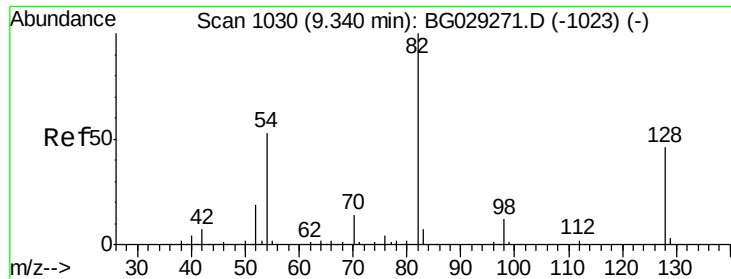
54 7.6 10.3 15.5#

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

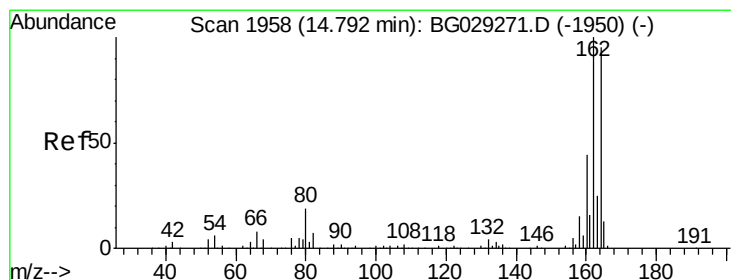
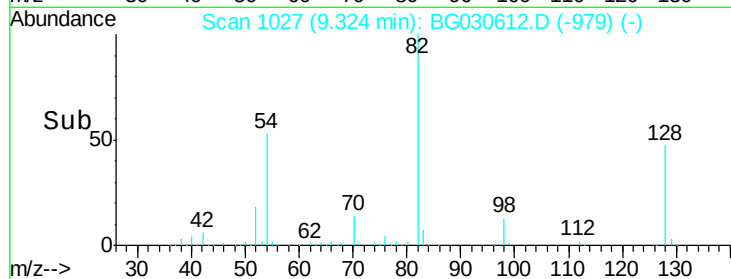
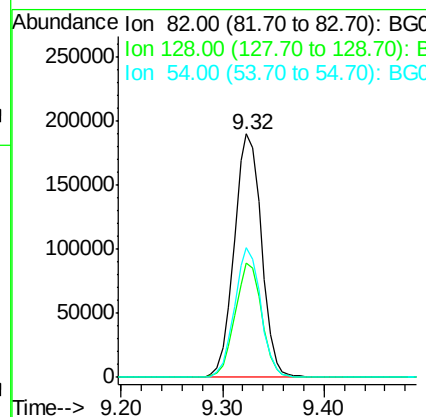
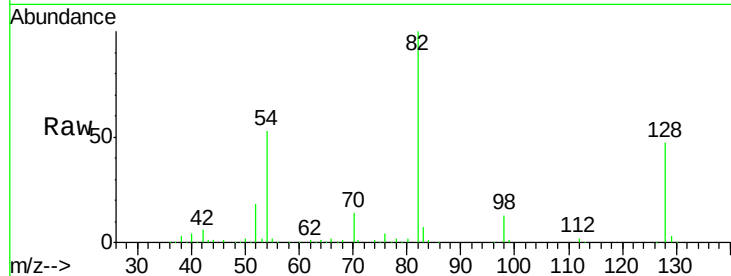




#23
 Nitrobenzene-d5
 Concen: 71.06 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG030612.D
 Acq: 31 Oct 2017 14:57

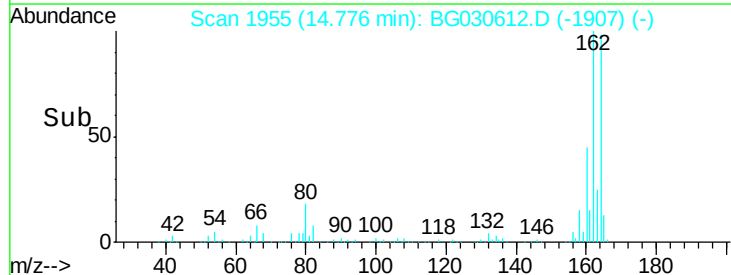
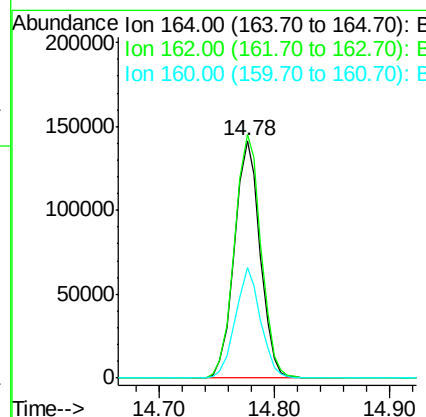
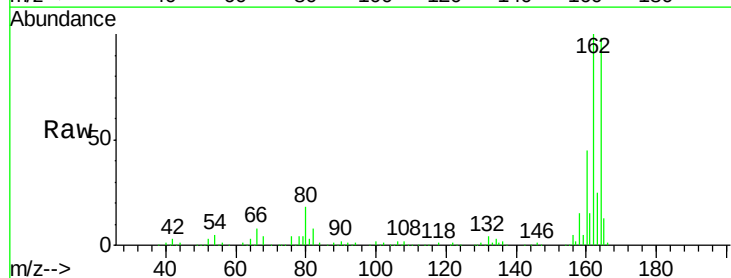
Instrument :
 BNA_G
 ClientSampled :
 PB103775BL

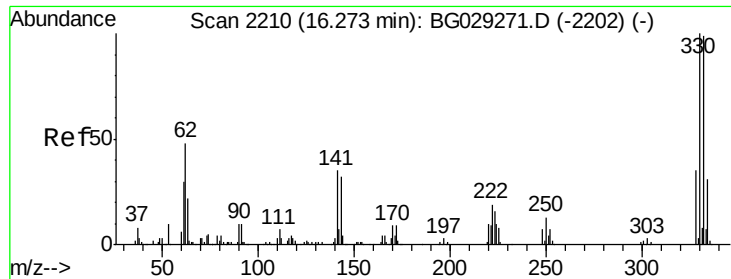
Tgt Ion: 82 Resp: 353234
 Ion Ratio Lower Upper
 82 100
 128 47.2 29.7 44.5#
 54 53.3 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.00 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

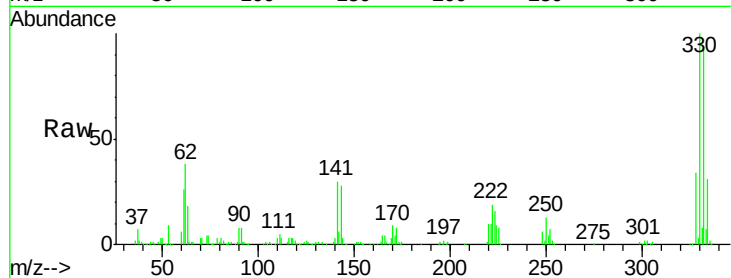




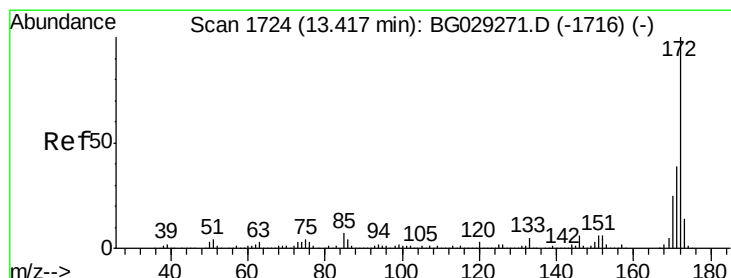
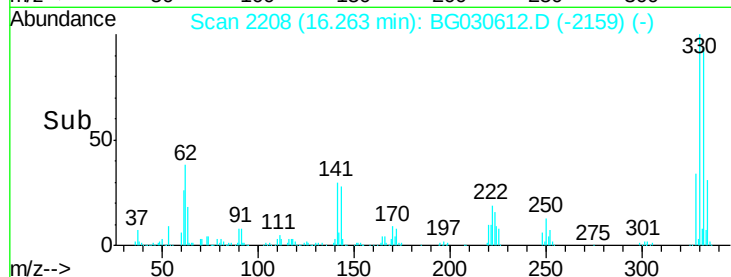
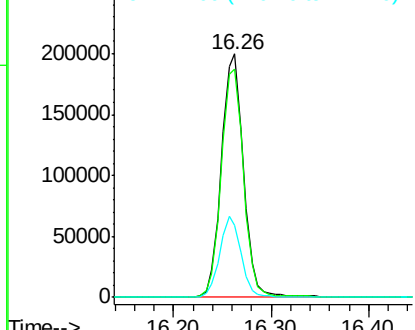
#41
 2,4,6-Tribromophenol
 Concen: 111.32 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG030612.D
 Acq: 31 Oct 2017 14:57

Instrument :
 BNA_G
 ClientSampleId :
 PB103775BL

Tgt Ion:330 Resp: 313383
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 32.3 25.2 37.8

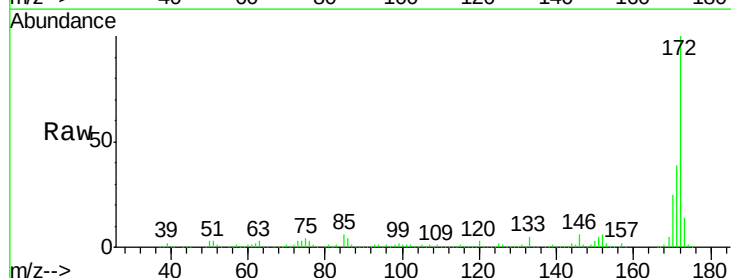


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

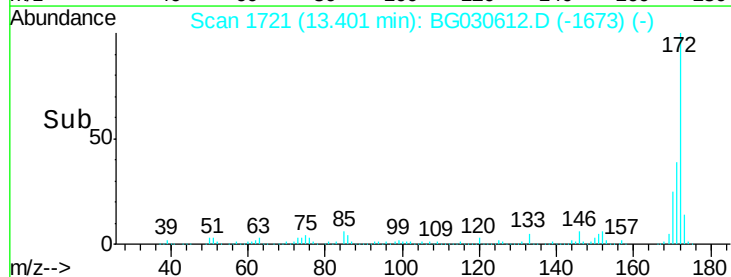
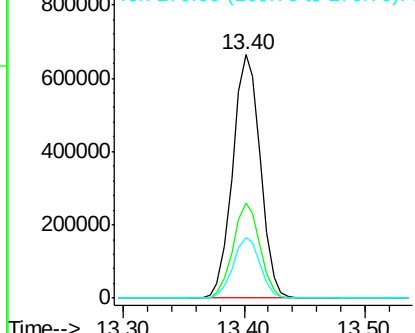


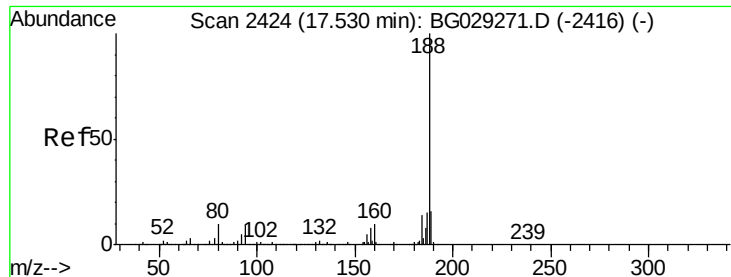
#44
 2-Fluorobiphenyl
 Concen: 71.03 ng
 RT: 13.40 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BG030612.D
 Acq: 31 Oct 2017 14:57

Tgt Ion:172 Resp: 1056004
 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

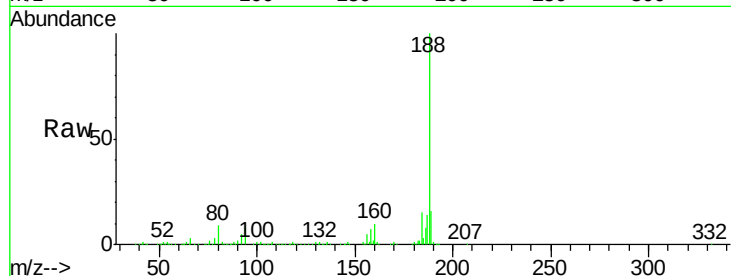




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG030612.D
Acq: 31 Oct 2017 14:57

Instrument :
BNA_G
ClientSampleId :
PB103775BL

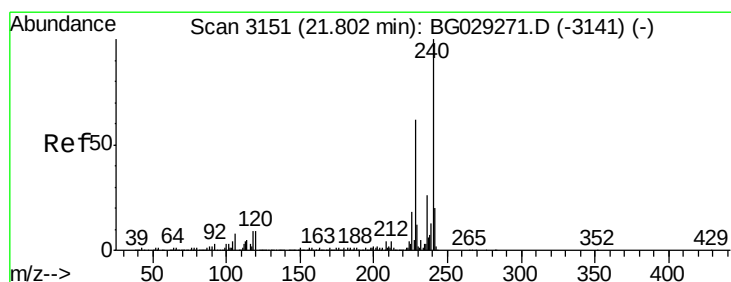
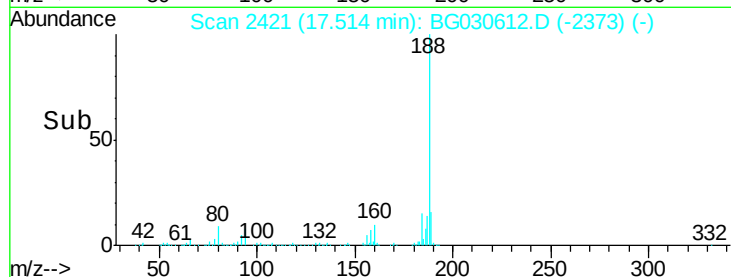
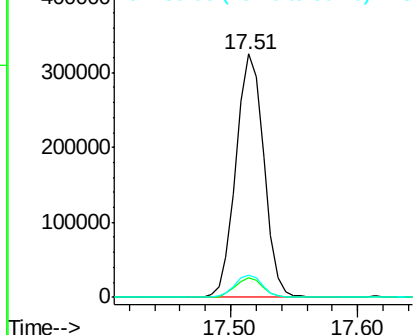
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	9.2	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): E

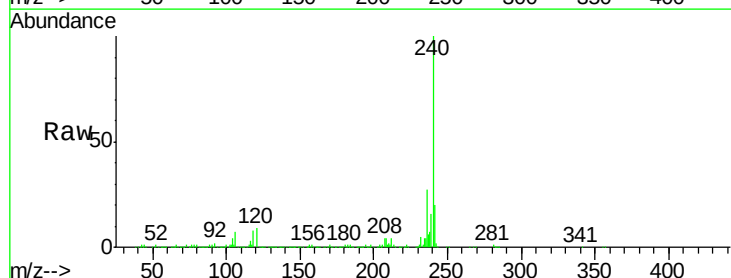
Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG030612.D
Acq: 31 Oct 2017 14:57

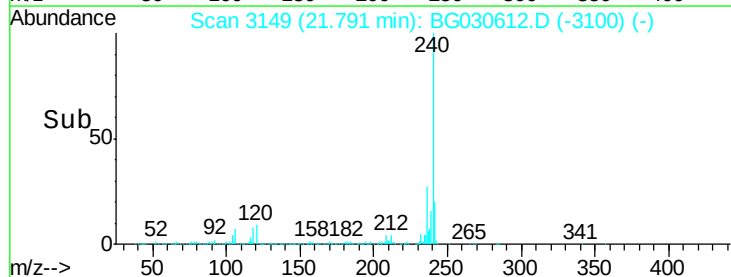
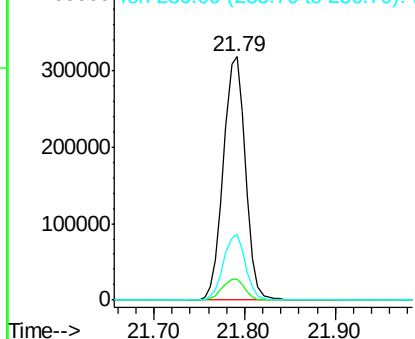
Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.8	10.2
236	27.2	20.9	31.3

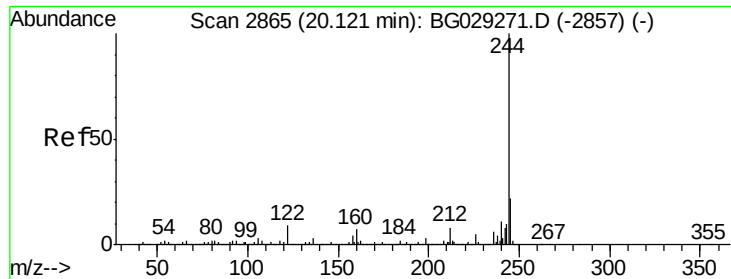


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 66.74 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

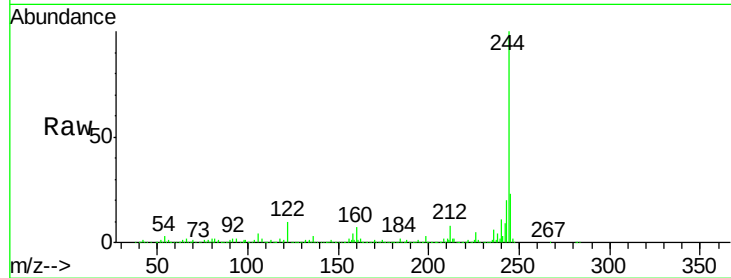
Tgt Ion:244 Resp: 1579728

Ion Ratio Lower Upper

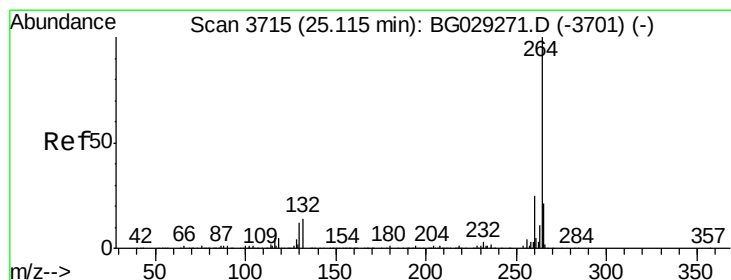
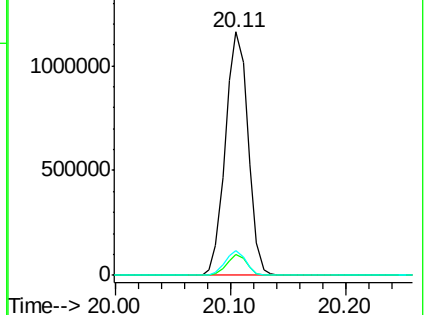
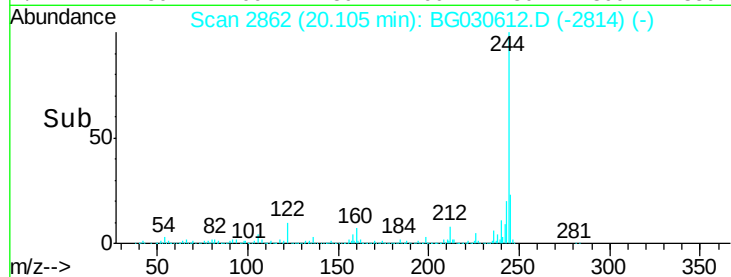
244 100

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: 20.00 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG030612.D

Acq: 31 Oct 2017 14:57

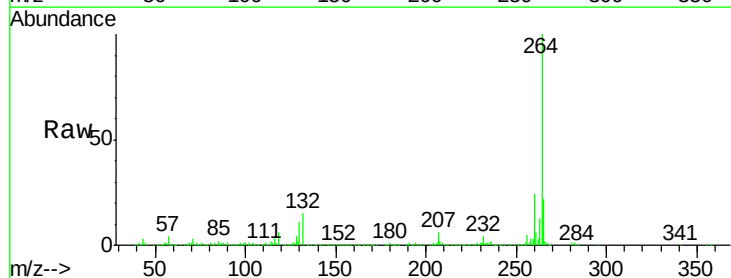
Tgt Ion:264 Resp: 549719

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

