

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
 Data File : BG031336.D
 Acq On : 2 Dec 2017 3:15
 Operator : SJ/JU
 Sample : PB104639TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104639TB

Quant Time: Dec 02 04:47:47 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	54257	20.00	ng	-0.03
21) Naphthalene-d8	10.94	136	226063	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	145654	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	415955	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	511351	20.00	ng	-0.02
86) Perylene-d12	25.06	264	492241	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	396999	125.47	ng	-0.02
7) Phenol-d6	7.29	99	491413	115.28	ng	-0.02
23) Nitrobenzene-d5	9.29	82	277294	72.69	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	234442	99.50	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	828827	81.76	ng	-0.03
78) Terphenyl-d14	20.08	244	1778179	76.78	ng	-0.02

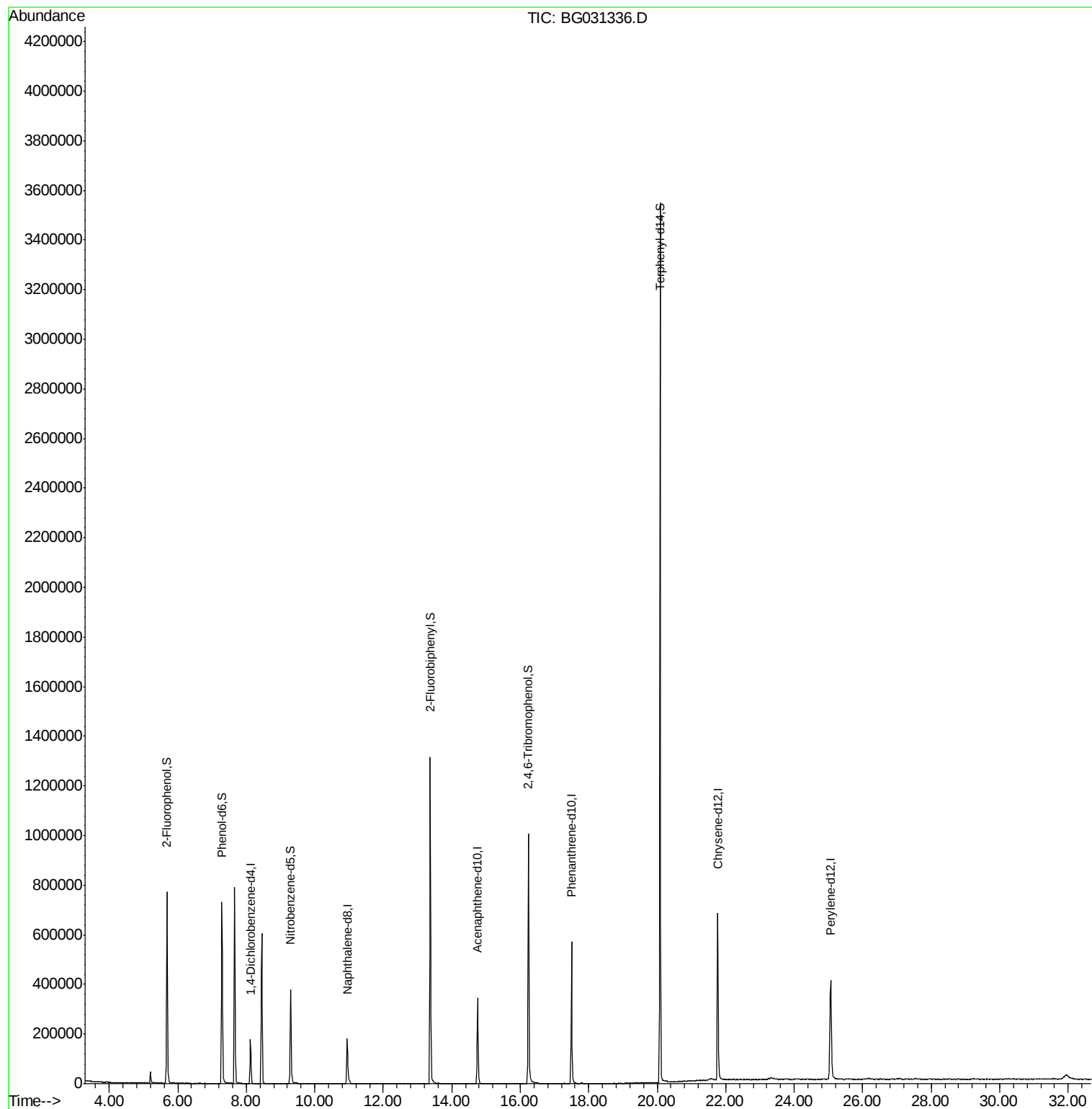
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 823

Delta R.T. -0.03 min

Lab File: BG031336.D

Acq: 2 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

PB104639TB

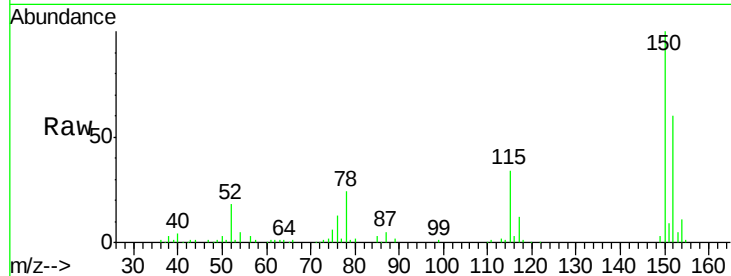
Tot Ion:152 Resp: 54257

Ion Ratio Lower Upper

152 100

150 166.7 126.6 189.8

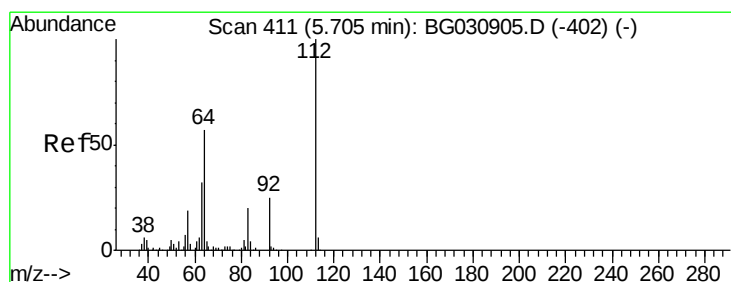
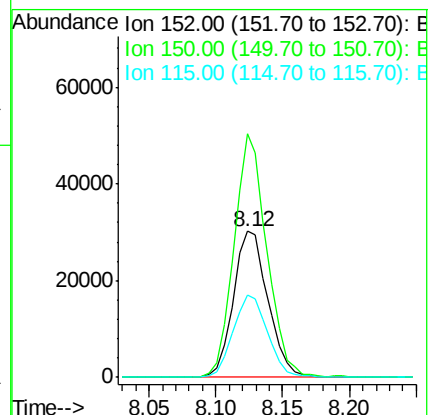
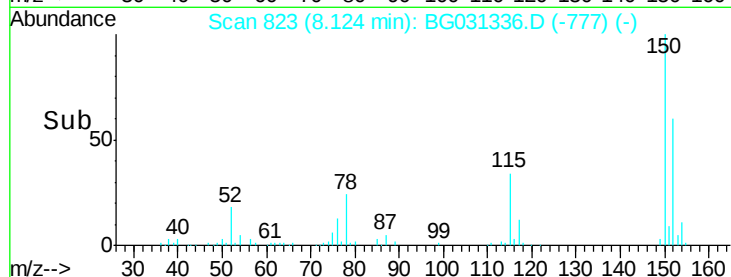
115 56.7 53.0 79.4



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: 125.47 ng

RT: 5.69 min Scan# 408

Delta R.T. -0.02 min

Lab File: BG031336.D

Acq: 2 Dec 2017 3:15

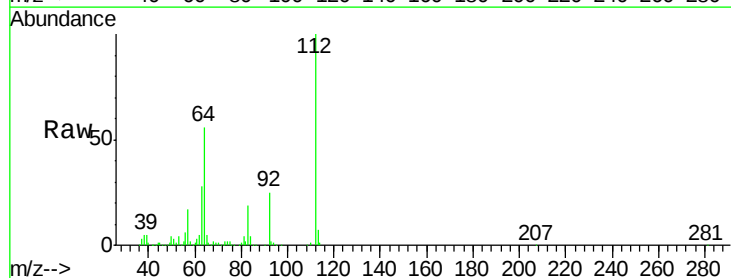
Tgt Ion:112 Resp: 396999

Ion Ratio Lower Upper

112 100

64 56.1 56.3 84.5#

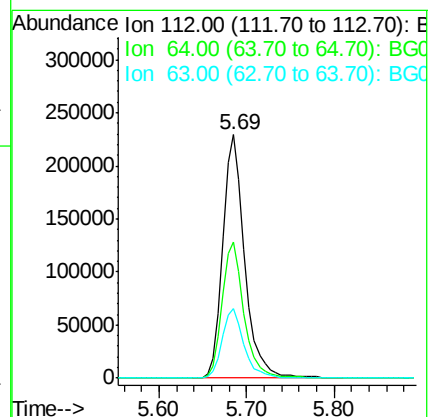
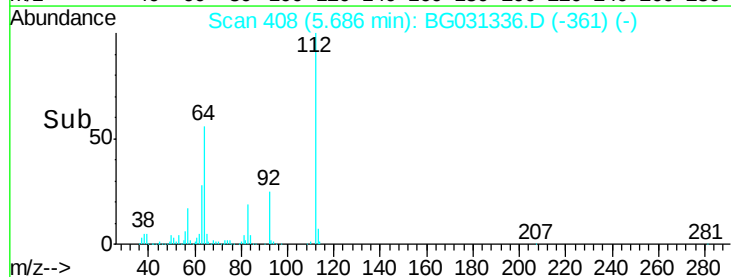
63 28.4 30.1 45.1#

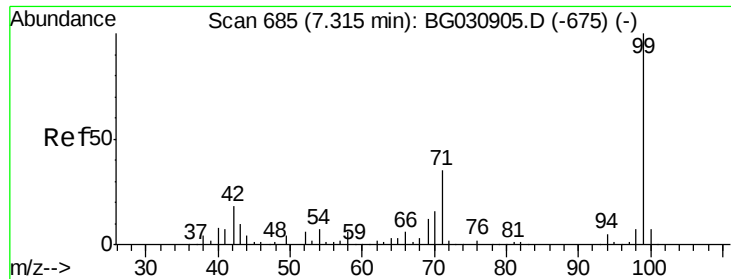


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 115.28 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.02 min

Lab File: BG031336.D

Acq: 2 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

PB104639TB

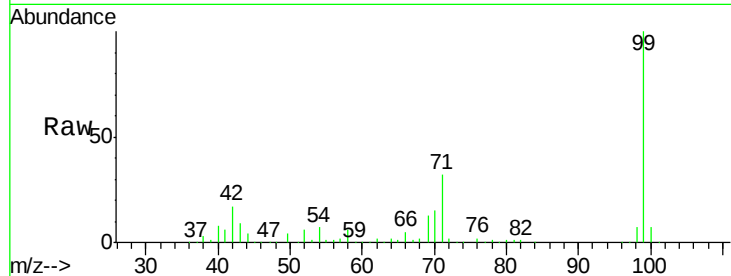
Tot Ion: 99 Resp: 491413

Ion Ratio Lower Upper

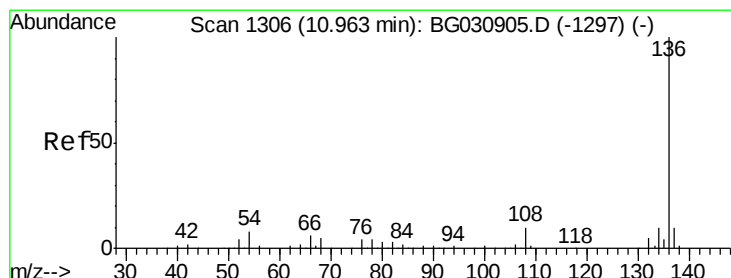
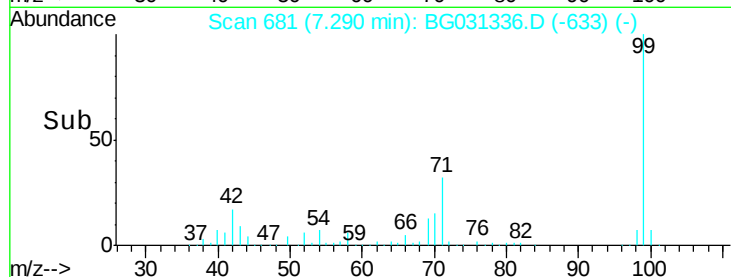
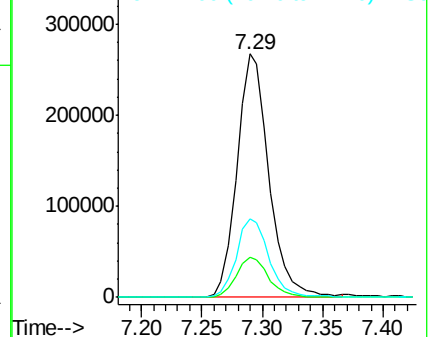
99 100

42 16.7 14.1 21.1

71 32.5 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: 10.94 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG031336.D

Acq: 2 Dec 2017 3:15

Tgt Ion: 136 Resp: 226063

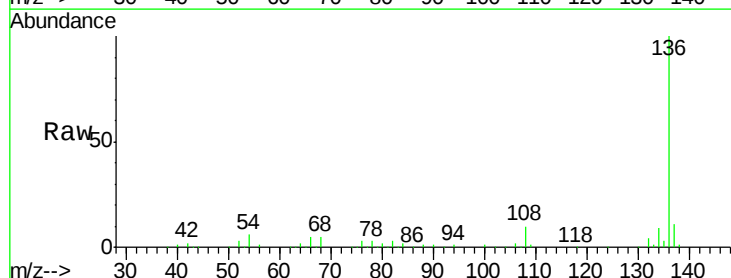
Ion Ratio Lower Upper

136 100

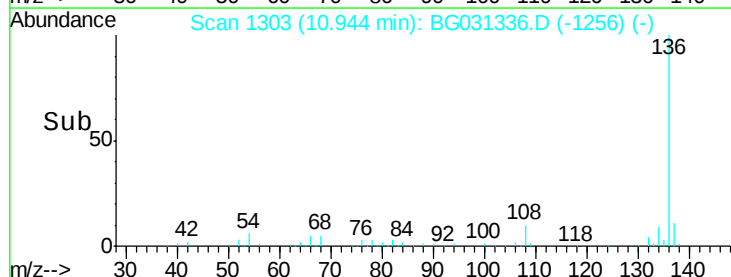
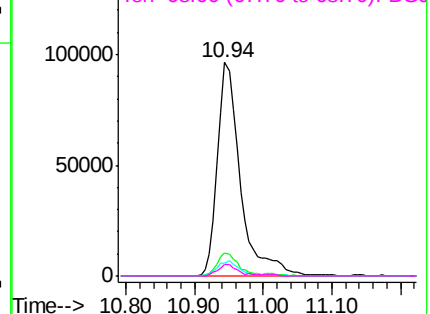
137 11.0 9.2 13.8

54 6.2 10.3 15.5#

68 5.3 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

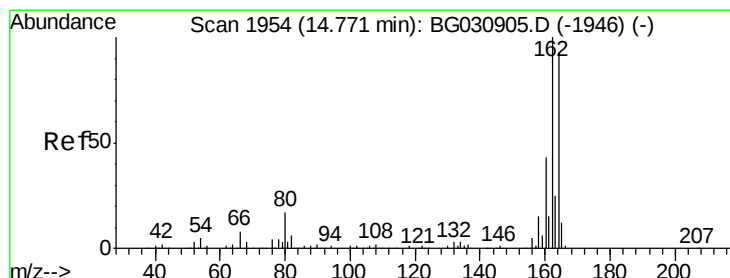
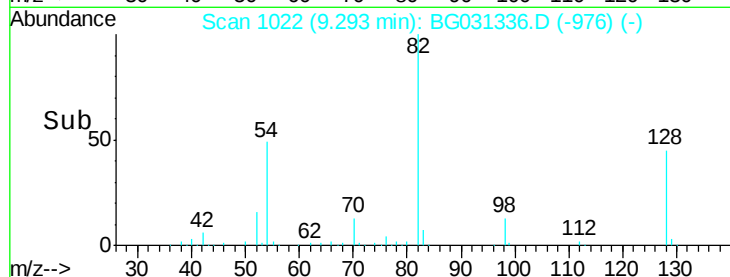
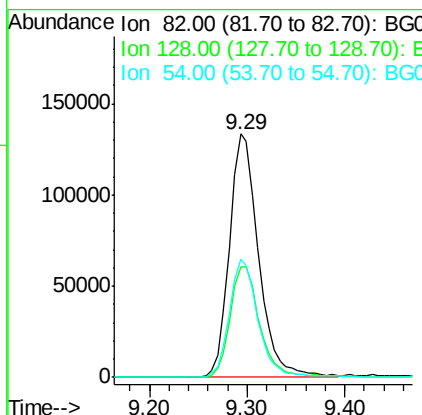
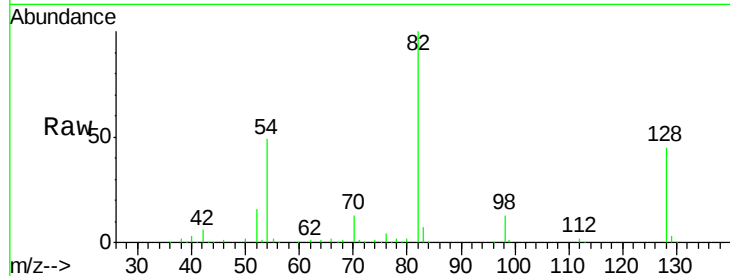




#23
 Nitrobenzene-d5
 Concen: 72.69 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BG031336.D
 Acq: 2 Dec 2017 3:15

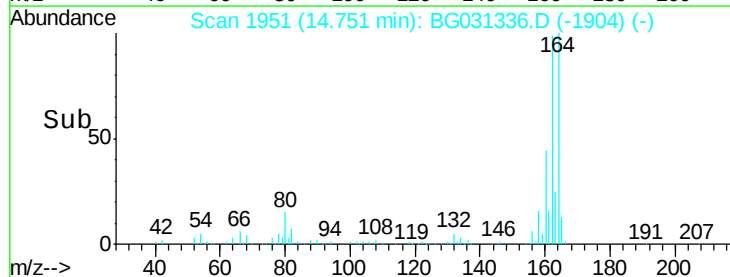
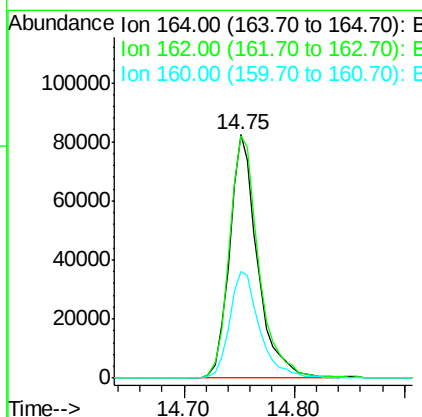
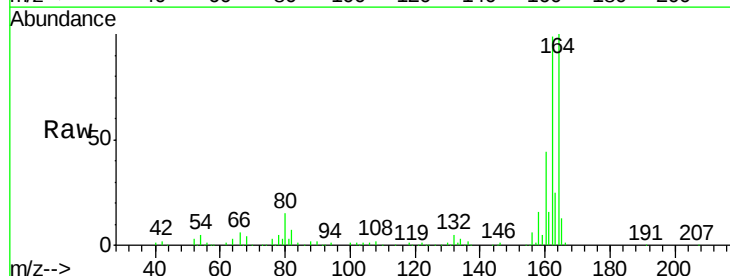
Instrument :
 BNA_G
 ClientSampleId :
 PB104639TB

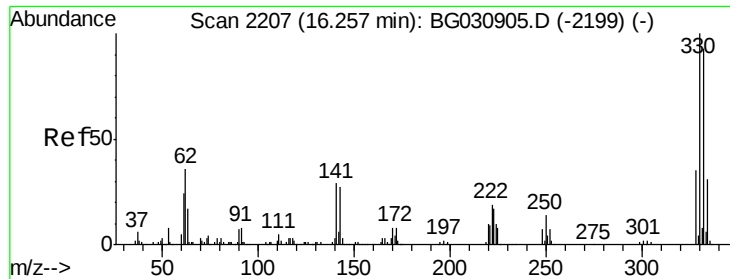
Tot Ion: 82 Resp: 277294
 Ion Ratio Lower Upper
 82 100
 128 45.2 29.7 44.5#
 54 48.7 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.02 min
 Lab File: BG031336.D
 Acq: 2 Dec 2017 3:15

Tgt Ion:164 Resp: 145654
 Ion Ratio Lower Upper
 164 100
 162 99.3 78.8 118.2
 160 44.0 35.4 53.0

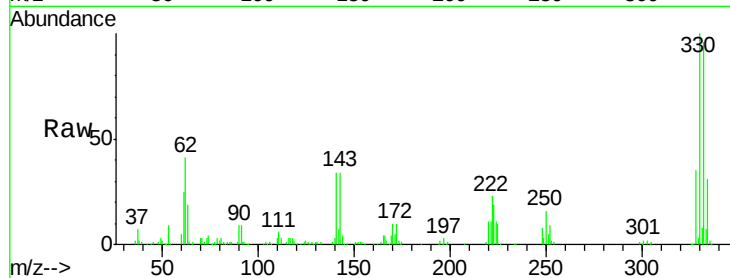




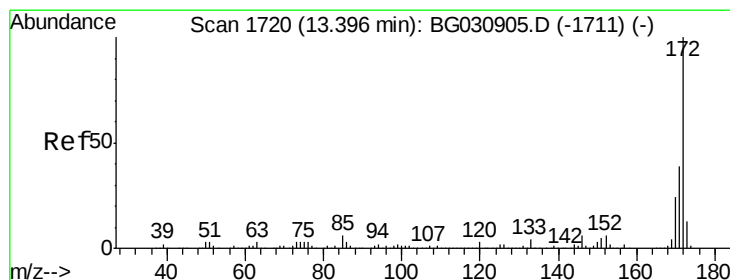
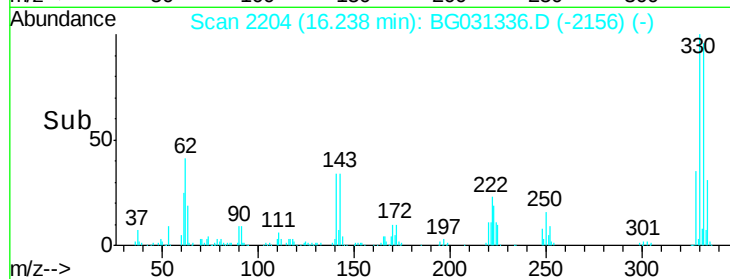
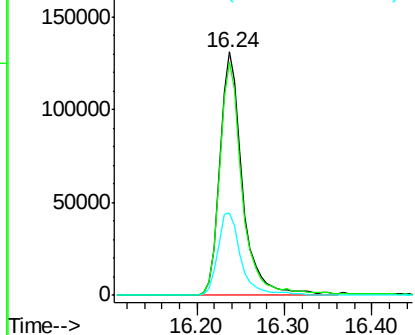
#41
 2,4,6-Tribromophenol
 Concen: 99.50 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031336.D
 Acq: 2 Dec 2017 3:15

Instrument :
 BNA_G
 ClientSampleId :
 PB104639TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	35.0	25.2	37.8

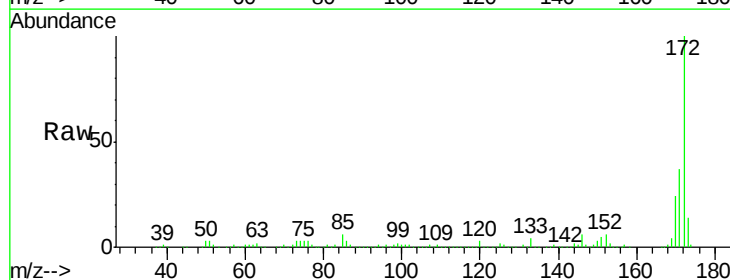


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

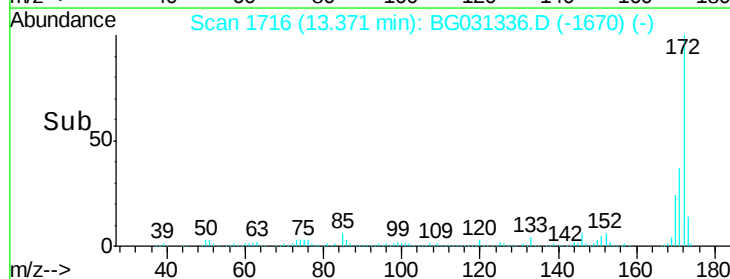
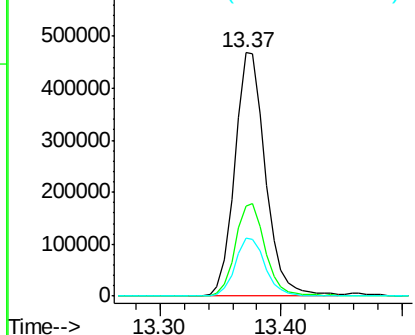


#44
 2-Fluorobiphenyl
 Concen: 81.76 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031336.D
 Acq: 2 Dec 2017 3:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	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

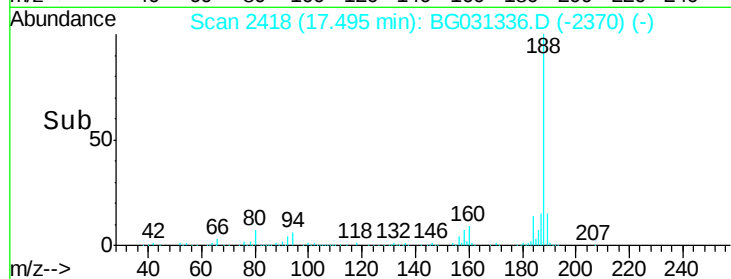
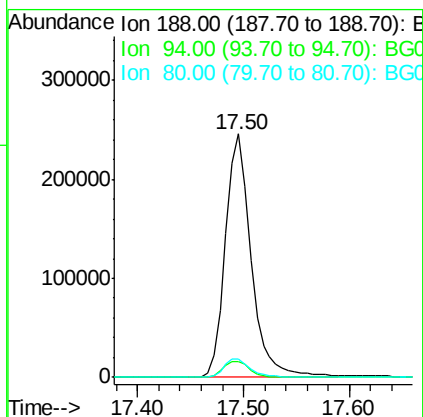
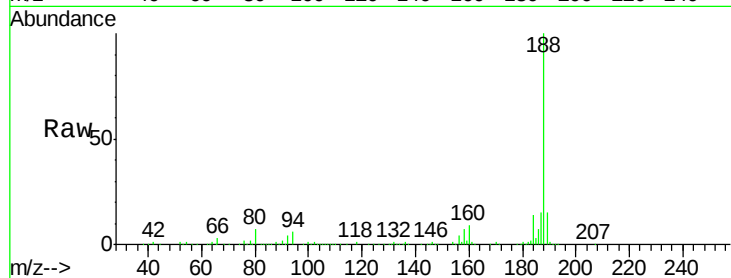




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031336.D
Acq: 2 Dec 2017 3:15

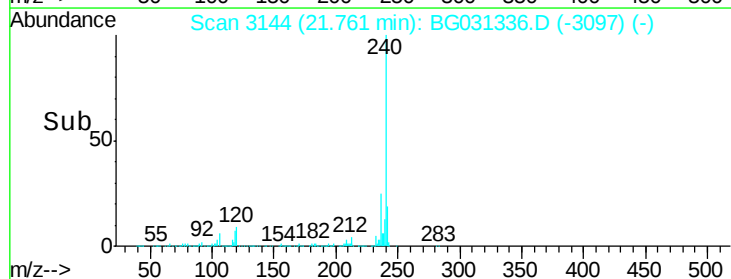
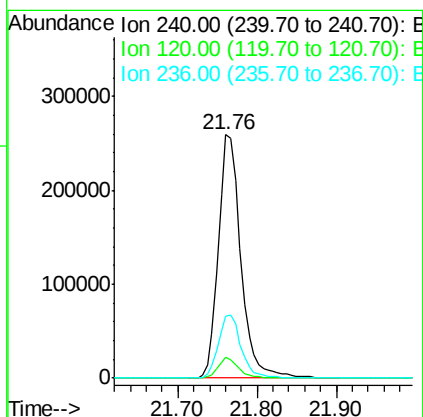
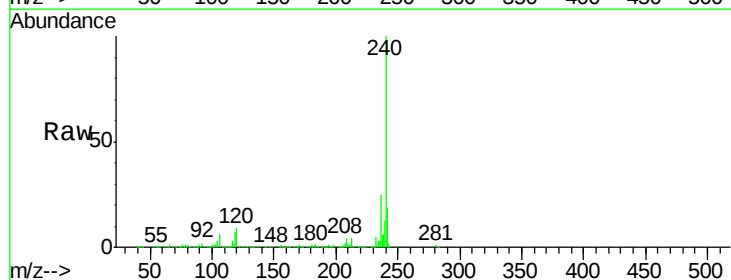
Instrument :
BNA_G
ClientSampleId :
PB104639TB

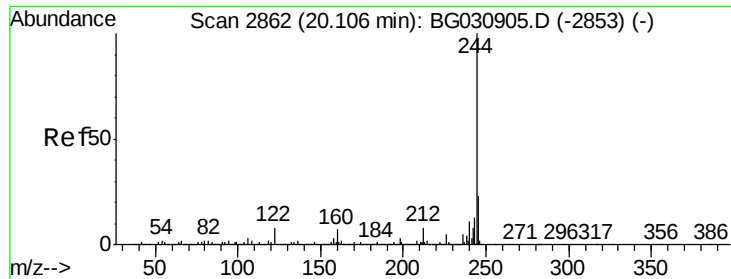
Tot Ion:188 Resp: 415955
Ion Ratio Lower Upper
188 100
94 6.2 6.9 10.3#
80 7.4 7.7 11.5#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG031336.D
Acq: 2 Dec 2017 3:15

Tgt Ion:240 Resp: 511351
Ion Ratio Lower Upper
240 100
120 8.7 6.8 10.2
236 25.5 20.9 31.3





#78

Terphenyl-d14

Concen: 76.78 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031336.D

Acq: 2 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

PB104639TB

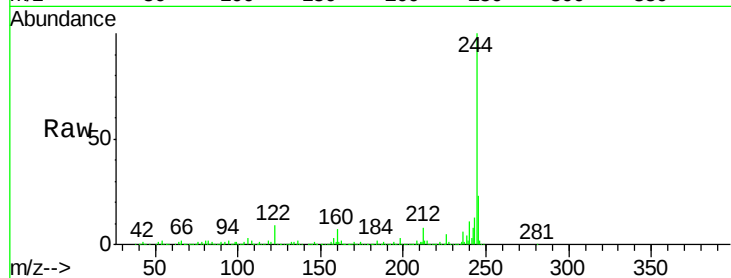
Tot Ion:244 Resp: 1778179

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

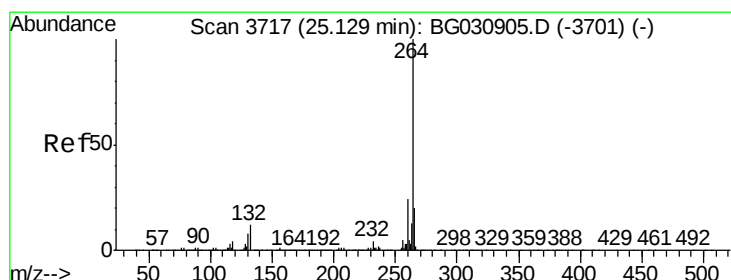
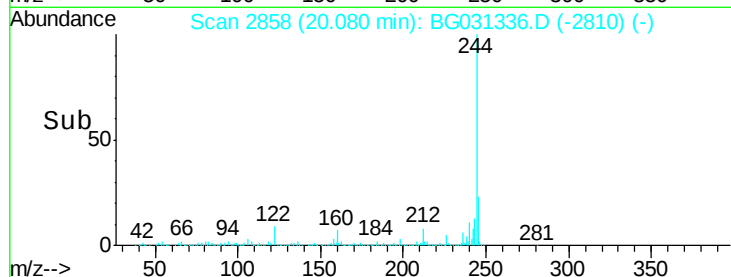
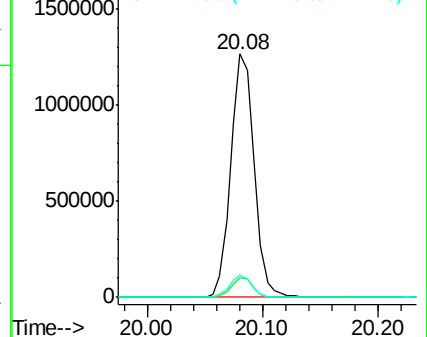
122 8.9 7.0 10.4



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: 25.06 min Scan# 3706

Delta R.T. -0.03 min

Lab File: BG031336.D

Acq: 2 Dec 2017 3:15

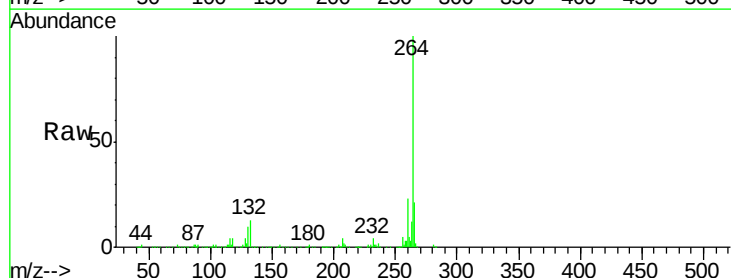
Tgt Ion:264 Resp: 492241

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 21.3 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

