

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020718\
 Data File : BG032608.D
 Acq On : 8 Feb 2018 00:06
 Operator : SJ/JU
 Sample : PB106365TB
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106365TB

Quant Time: Feb 08 03:54:34 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.69	152	15301	20.00	ng	-0.02
21) Naphthalene-d8	11.56	136	72245	20.00	ng	-0.02
38) Acenaphthene-d10	15.33	164	55564	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	155619	20.00	ng	-0.01
75) Chrysene-d12	22.39	240	209058	20.00	ng	-0.01
86) Perylene-d12	26.07	264	222548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	99017	129.98	ng	-0.02
7) Phenol-d6	7.81	99	110930	109.12	ng	-0.02
23) Nitrobenzene-d5	9.88	82	80661	69.74	ng	-0.03
41) 2,4,6-Tribromophenol	16.81	330	96546	91.28	ng	-0.01
44) 2-Fluorobiphenyl	13.95	172	311879	66.71	ng	-0.02
78) Terphenyl-d14	20.61	244	829432	84.99	ng	0.00

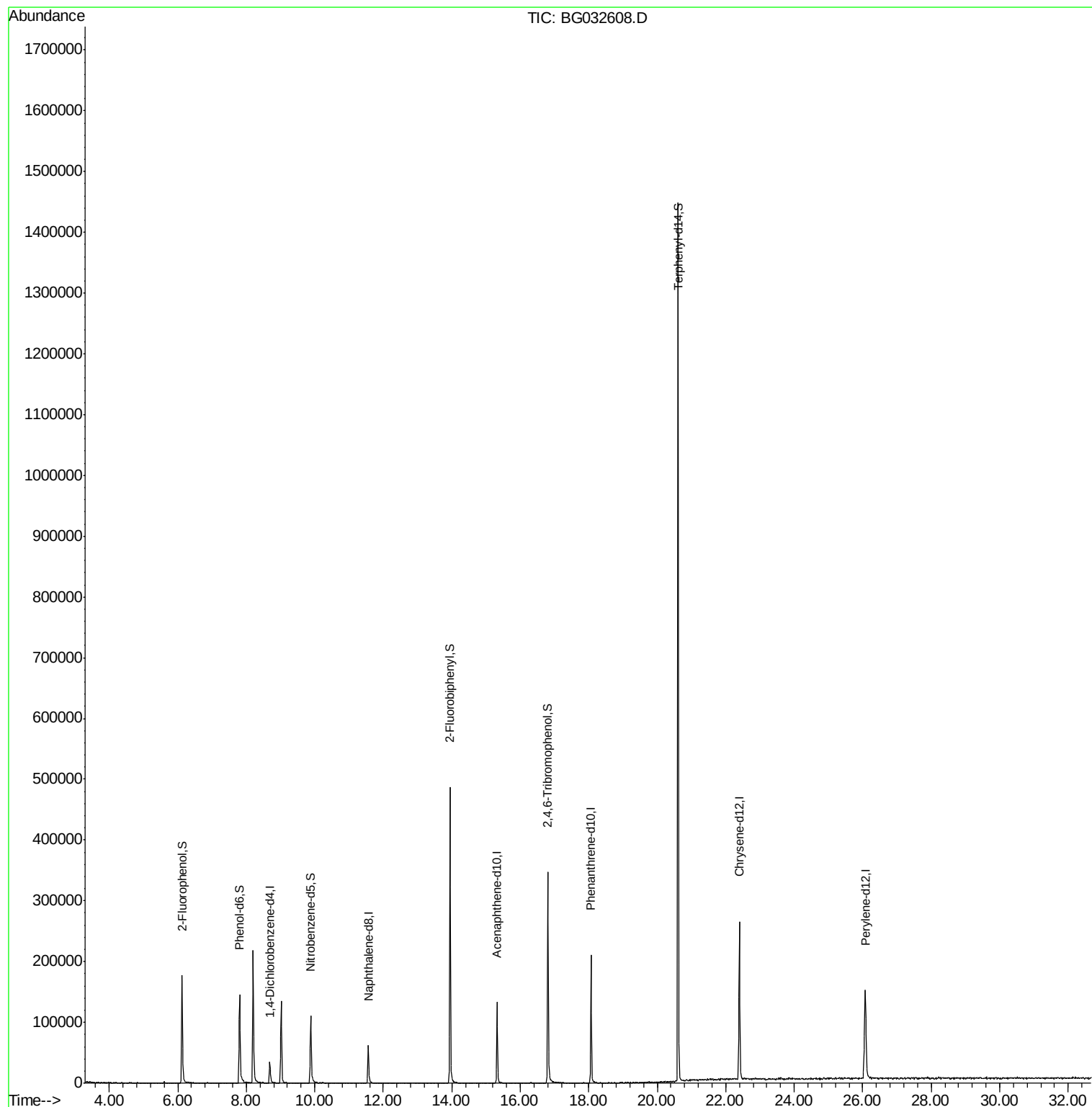
Target Compounds Qvalue

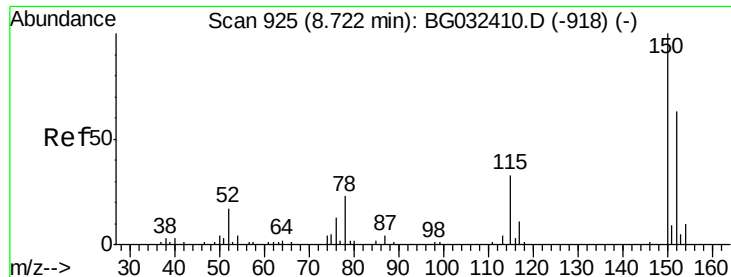
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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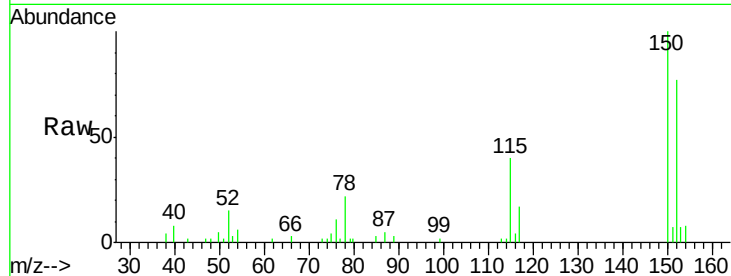


#1

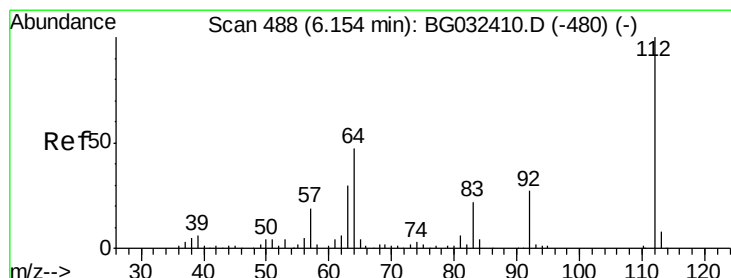
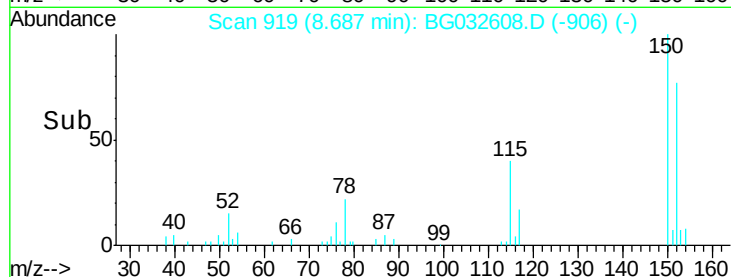
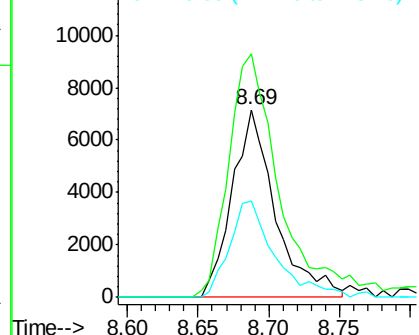
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.69 min Scan# 919
Delta R.T. -0.02 min
Lab File: BG032608.D
Acq: 8 Feb 2018 00:06

Instrument :
BNA_G
ClientSampleId :
PB106365TB

Tot Ion:152 Resp: 15301
Ion Ratio Lower Upper
152 100
150 130.0 126.6 189.8
115 51.8 53.0 79.4#



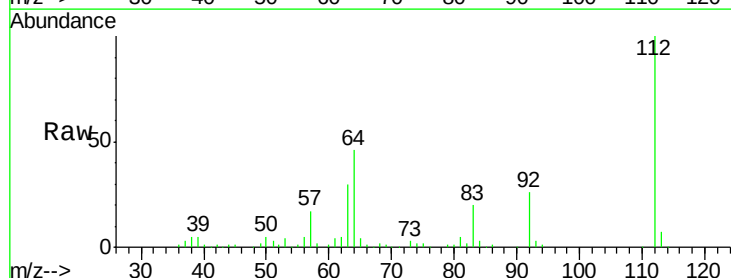
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



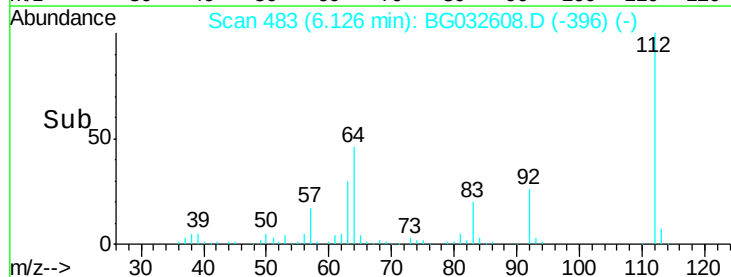
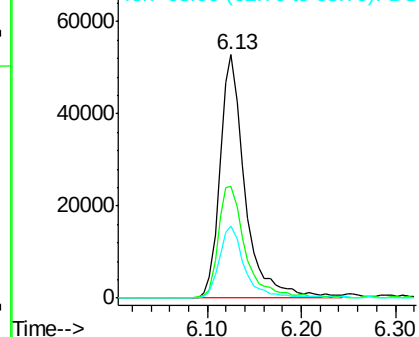
#5

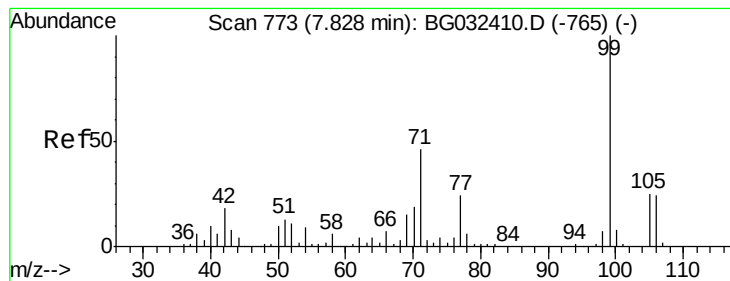
2-Fluorophenol
Concen: 129.979 ng
RT: 6.13 min Scan# 483
Delta R.T. -0.02 min
Lab File: BG032608.D
Acq: 8 Feb 2018 00:06

Tgt Ion:112 Resp: 99017
Ion Ratio Lower Upper
112 100
64 45.9 56.3 84.5#
63 29.8 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: 109.124 ng

RT: 7.81 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG032608.D

Acq: 8 Feb 2018 00:06

Instrument :

BNA_G

ClientSampleId :

PB106365TB

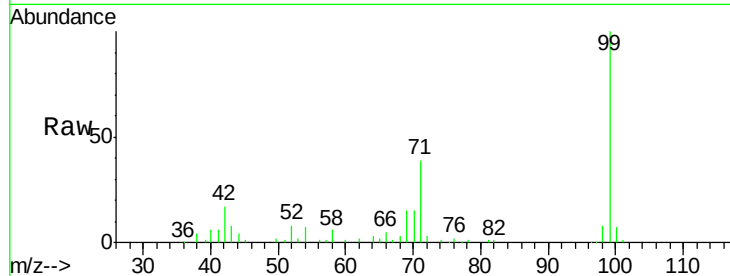
Tot Ion: 99 Resp: 110930

Ion Ratio Lower Upper

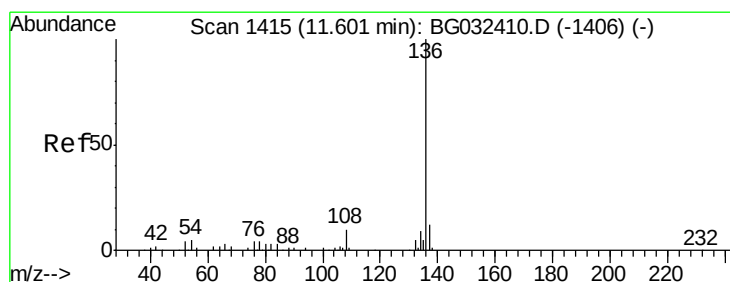
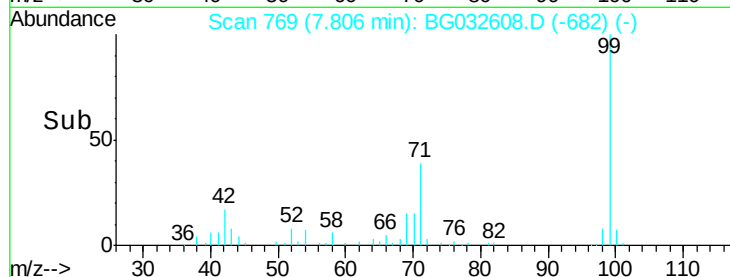
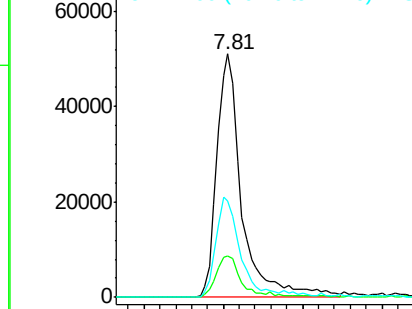
99 100

42 16.9 14.1 21.1

71 39.4 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: 11.56 min Scan# 1408

Delta R.T. -0.02 min

Lab File: BG032608.D

Acq: 8 Feb 2018 00:06

Tgt Ion: 136 Resp: 72245

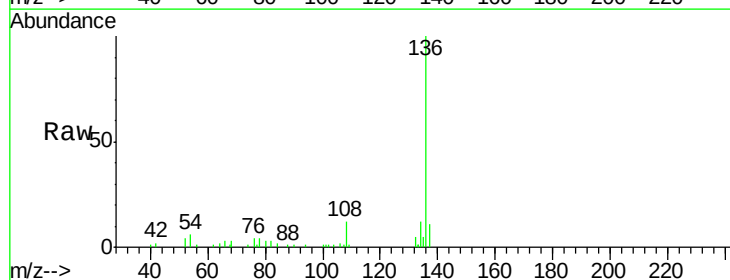
Ion Ratio Lower Upper

136 100

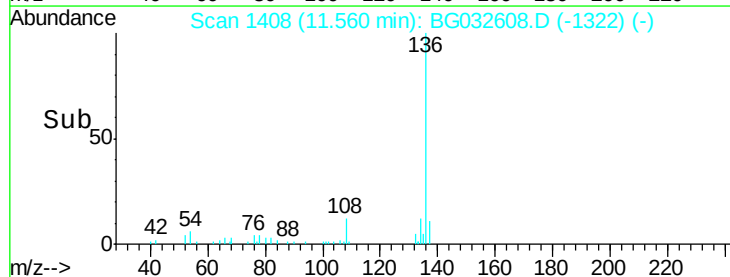
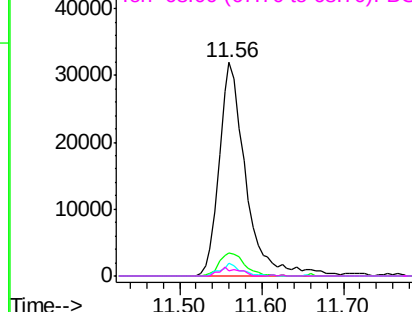
137 10.7 9.2 13.8

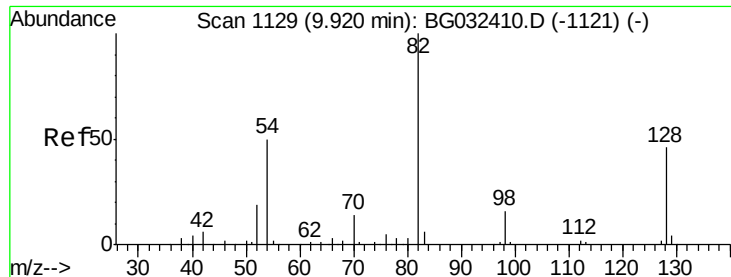
54 6.1 10.3 15.5#

68 2.5 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

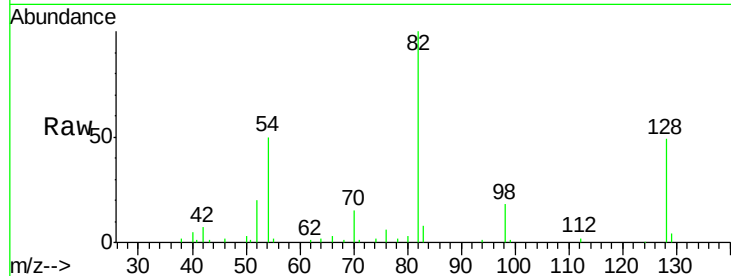




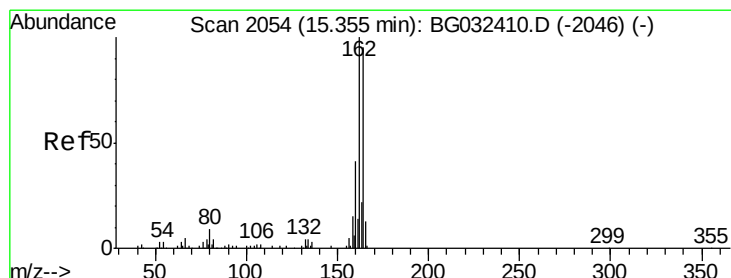
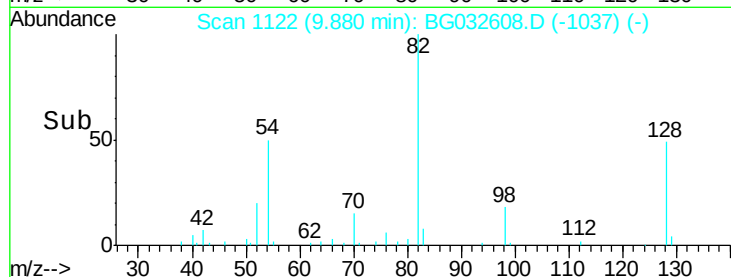
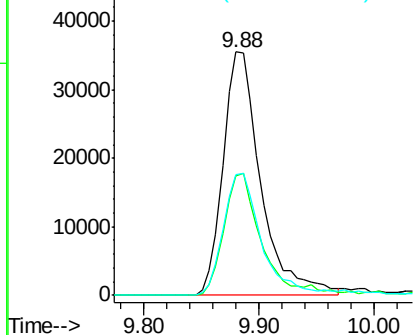
#23
 Nitrobenzene-d5
 Concen: 69.737 ng
 RT: 9.88 min Scan# 1122
 Delta R.T. -0.03 min
 Lab File: BG032608.D
 Acq: 8 Feb 2018 00:06

Instrument :
 BNA_G
 ClientSampleID :
 PB106365TB

Tot Ion	82	Resp	80661
Ion Ratio	100	Lower	Upper
128	49.0	29.7	44.5#
54	49.5	43.1	64.7

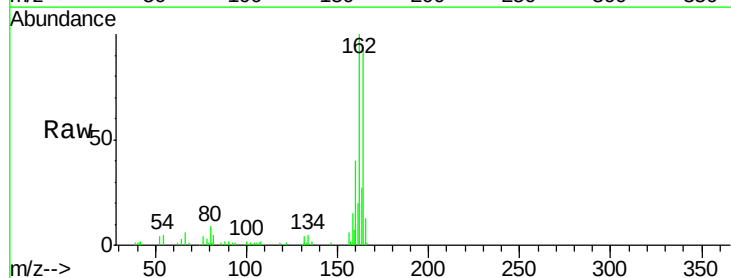


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

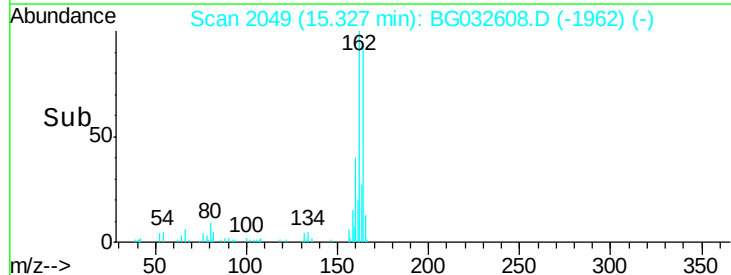
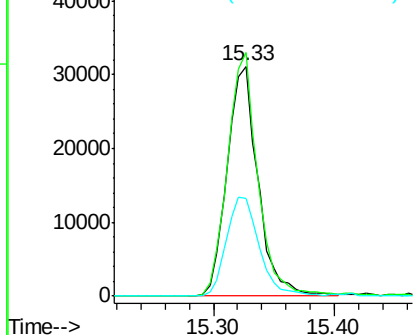


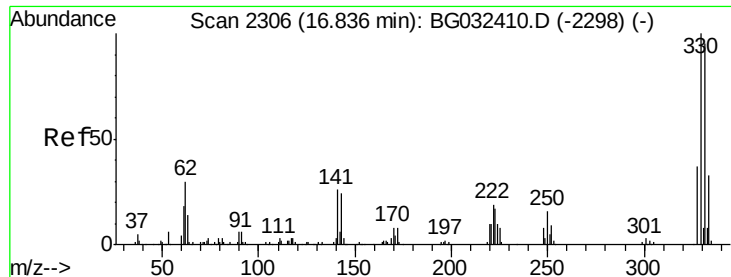
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2049
 Delta R.T. -0.02 min
 Lab File: BG032608.D
 Acq: 8 Feb 2018 00:06

Tgt Ion	164	Resp	55564
Ion Ratio	100	Lower	Upper
162	105.9	78.8	118.2
160	42.6	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: 91.282 ng

RT: 16.81 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BG032608.D

Acq: 8 Feb 2018 00:06

Instrument :

BNA_G

ClientSampleId :

PB106365TB

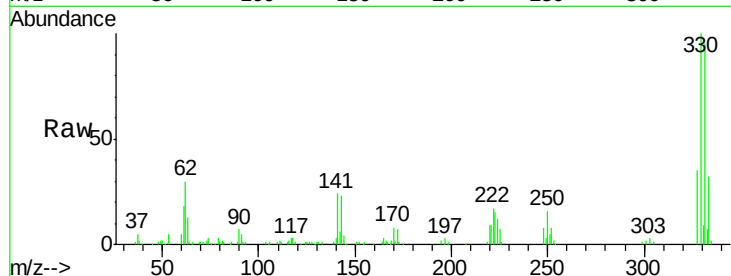
Tot Ion:330 Resp: 96546

Ion Ratio Lower Upper

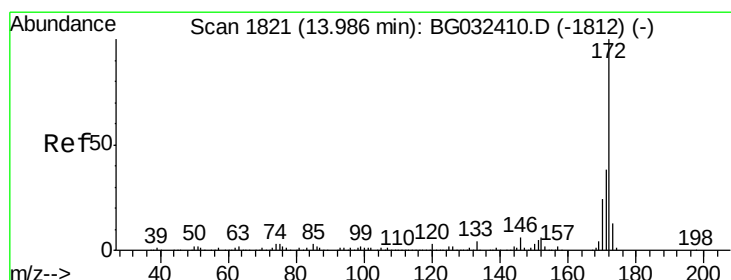
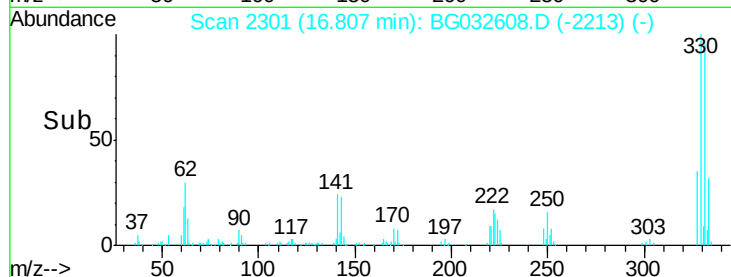
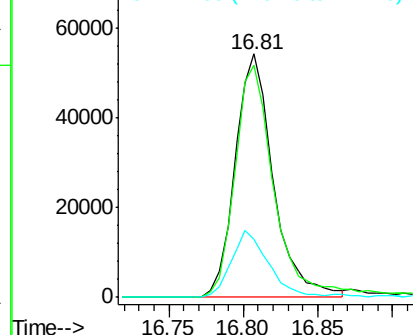
330 100

332 100.7 77.0 115.6

141 26.7 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: 66.714 ng

RT: 13.95 min Scan# 1814

Delta R.T. -0.02 min

Lab File: BG032608.D

Acq: 8 Feb 2018 00:06

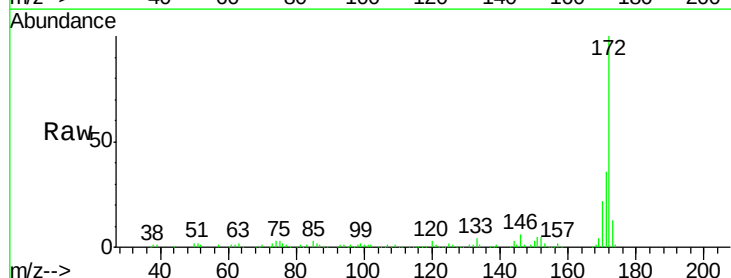
Tgt Ion:172 Resp: 311879

Ion Ratio Lower Upper

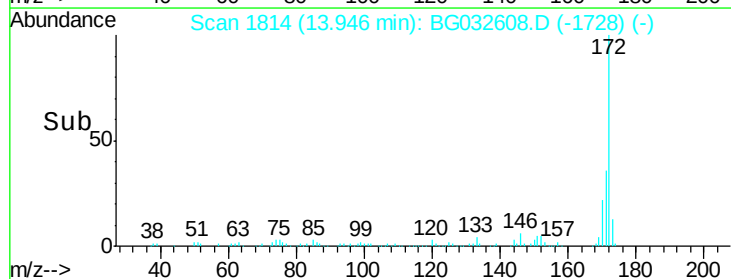
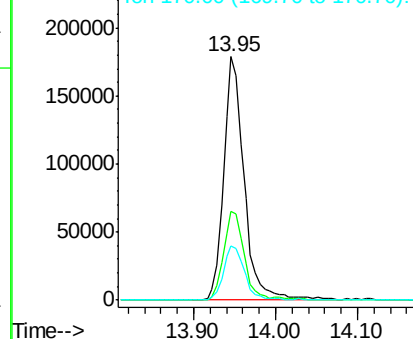
172 100

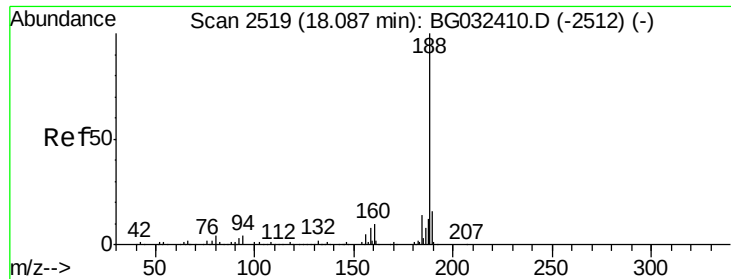
171 36.4 30.0 45.0

170 22.4 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

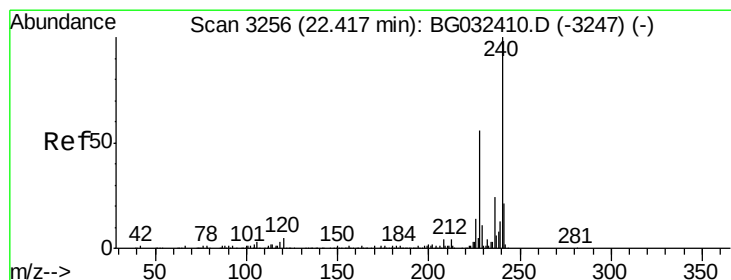
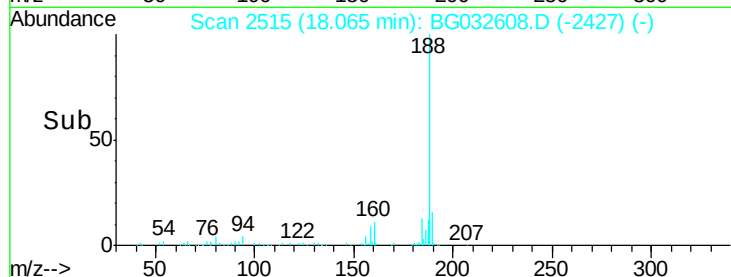
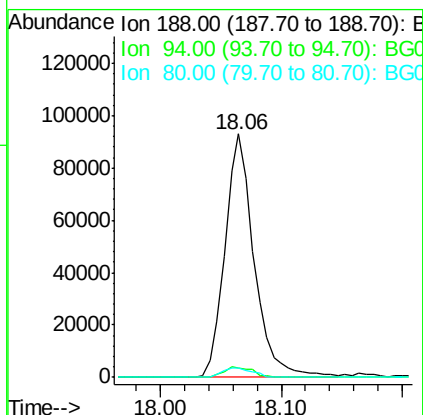
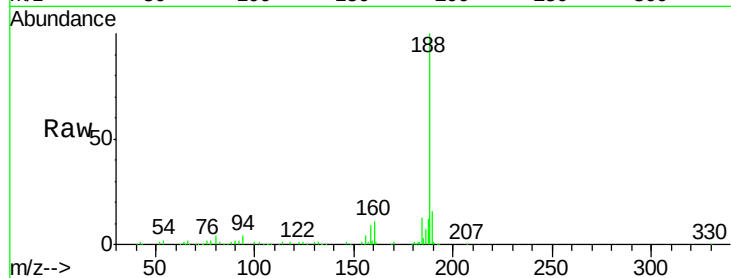




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.06 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BG032608.D
Acq: 8 Feb 2018 00:06

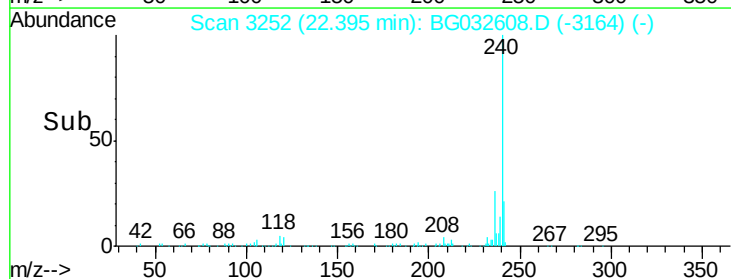
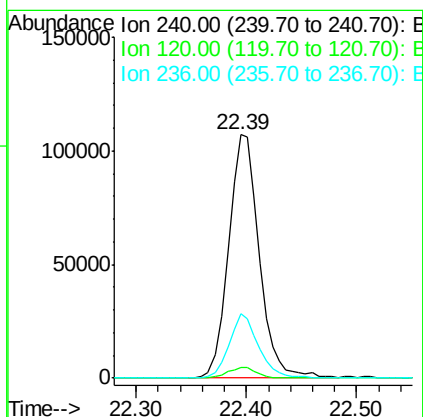
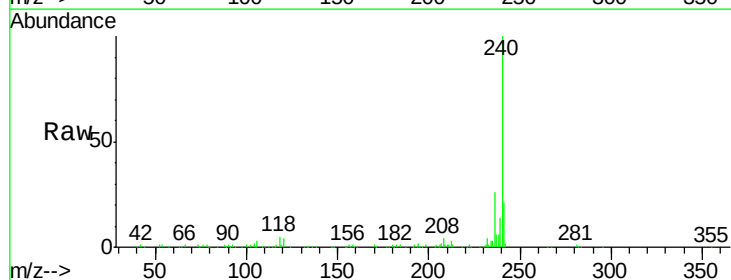
Instrument :
BNA_G
ClientSampleId :
PB106365TB

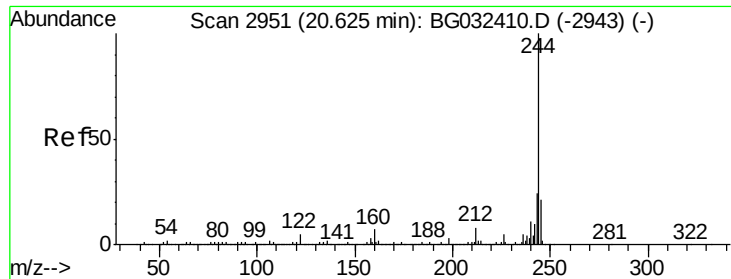
Tot Ion:188 Resp: 155619
Ion Ratio Lower Upper
188 100
94 3.6 6.9 10.3#
80 3.7 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.39 min Scan# 3252
Delta R.T. -0.01 min
Lab File: BG032608.D
Acq: 8 Feb 2018 00:06

Tgt Ion:240 Resp: 209058
Ion Ratio Lower Upper
240 100
120 4.2 6.8 10.2#
236 26.2 20.9 31.3





#78

Terphenyl-d14

Concen: 84.987 ng

RT: 20.61 min Scan# 2948

Delta R.T. -0.01 min

Lab File: BG032608.D

Acq: 8 Feb 2018 00:06

Instrument :

BNA_G

ClientSampleId :

PB106365TB

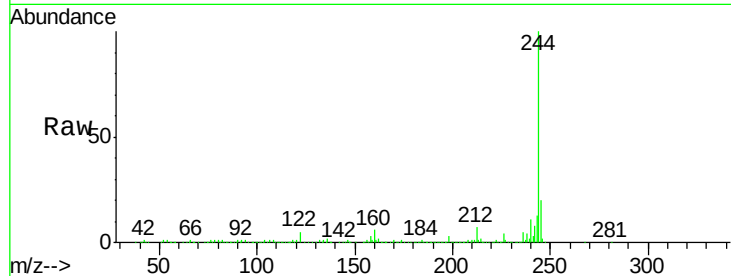
Tot Ion:244 Resp: 829432

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

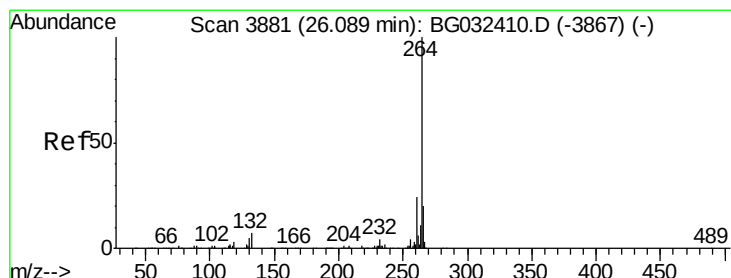
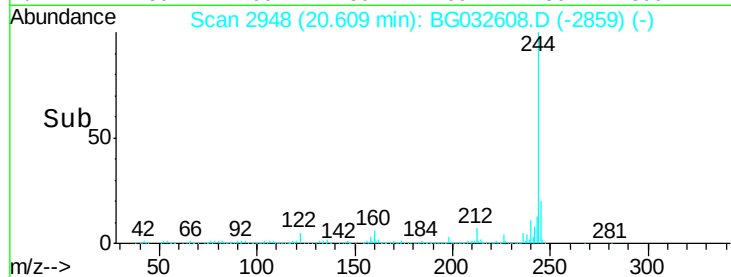
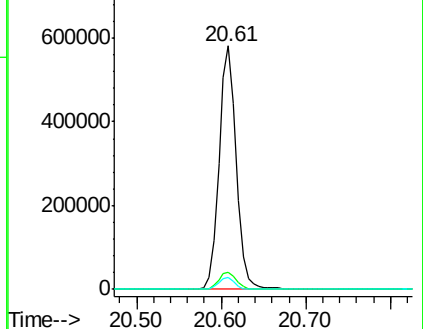
122 4.8 7.0 10.4#



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: 26.07 min Scan# 3878

Delta R.T. 0.01 min

Lab File: BG032608.D

Acq: 8 Feb 2018 00:06

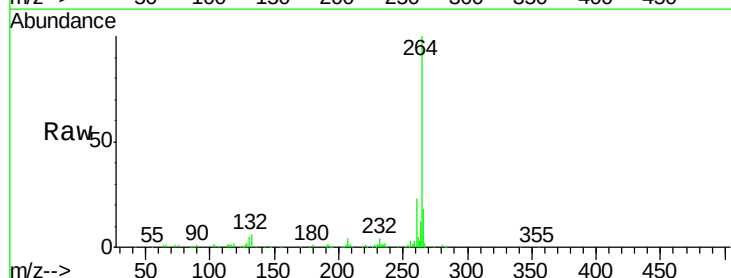
Tgt Ion:264 Resp: 222548

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 18.3 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

