

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020918\
 Data File : BG032643.D
 Acq On : 9 Feb 2018 22:43
 Operator : SJ/JU
 Sample : PB106437BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106437BL

Quant Time: Feb 10 00:12:58 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	8.68	152	28454	20.00	ng	-0.03
21) Naphthalene-d8	11.56	136	121066	20.00	ng	-0.03
38) Acenaphthene-d10	15.32	164	103217	20.00	ng	-0.03
63) Phenanthrene-d10	18.06	188	279573	20.00	ng	-0.01
75) Chrysene-d12	22.39	240	347443	20.00	ng	-0.01
86) Perylene-d12	26.06	264	352645	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	197399	139.34	ng	-0.02
7) Phenol-d6	7.80	99	255301	135.05	ng	-0.02
23) Nitrobenzene-d5	9.88	82	163778	84.50	ng	-0.03
41) 2,4,6-Tribromophenol	16.80	330	193709	98.59	ng	-0.02
44) 2-Fluorobiphenyl	13.94	172	623572	71.81	ng	-0.03
78) Terphenyl-d14	20.60	244	1239590	76.42	ng	-0.01

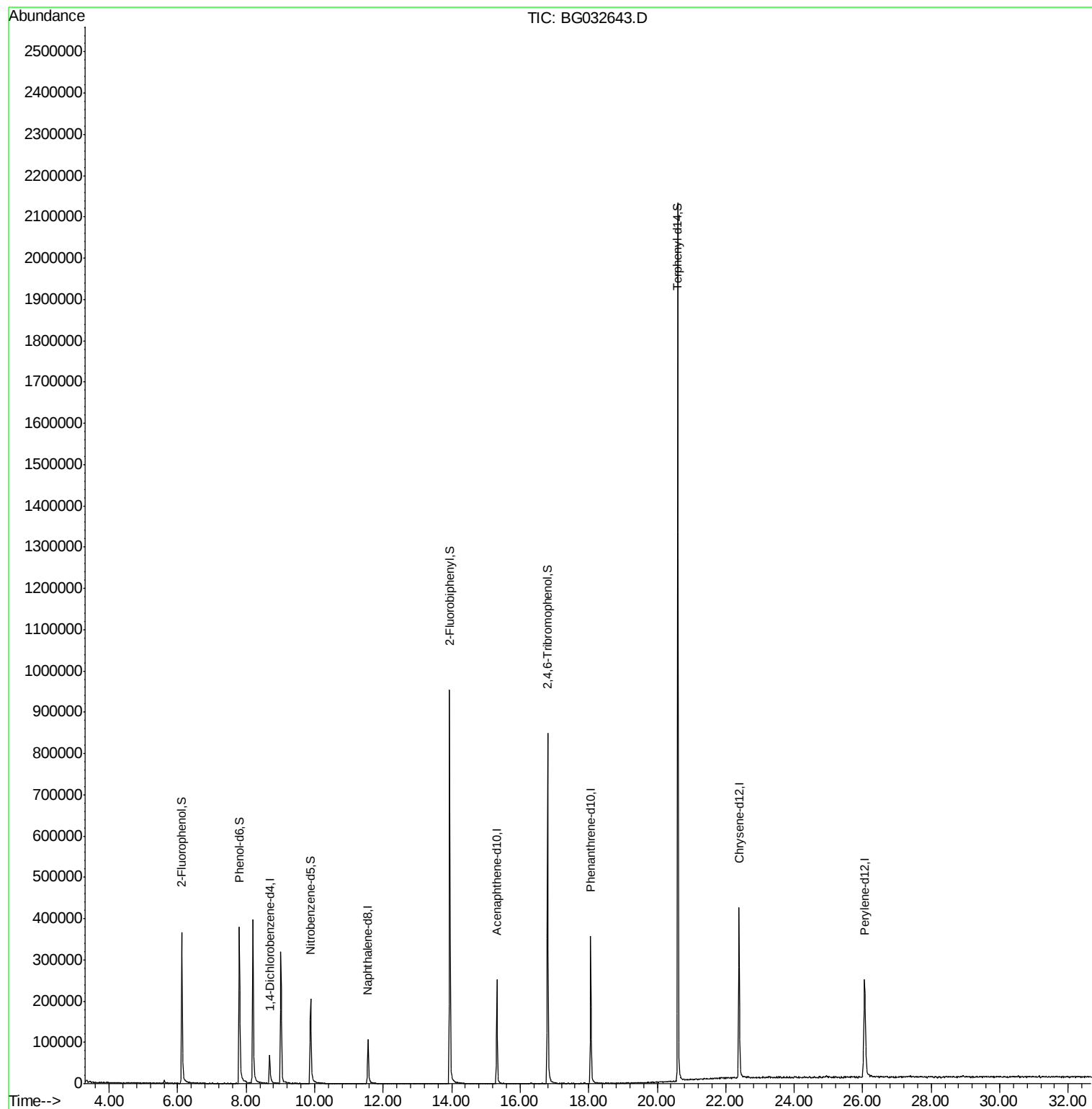
Target Compounds Qvalue

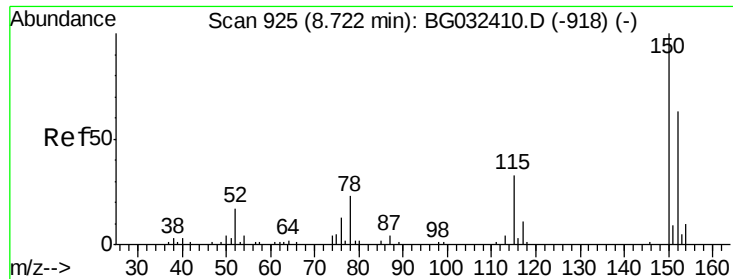
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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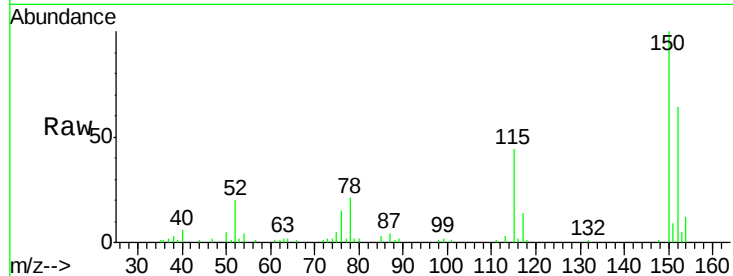


#1

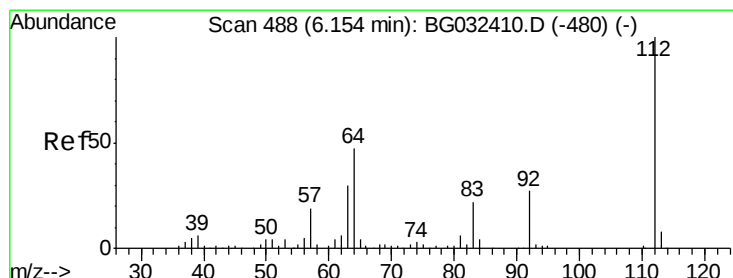
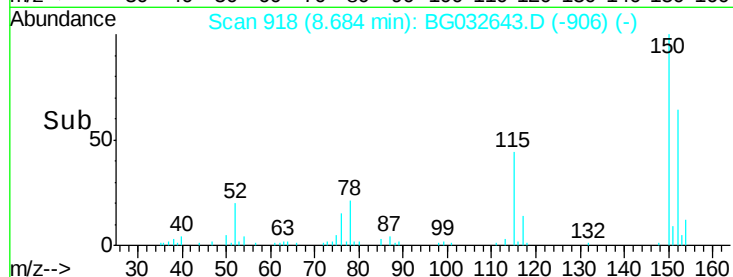
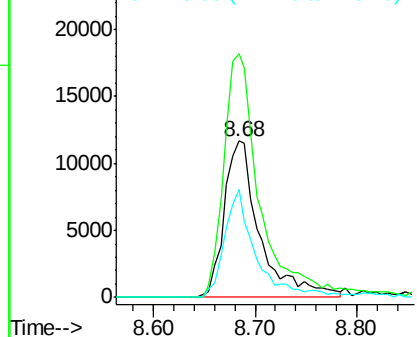
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.68 min Scan# 918
Delta R.T. -0.03 min
Lab File: BG032643.D
Acq: 9 Feb 2018 22:43

Instrument :
BNA_G
ClientSampleId :
PB106437BL

Tot Ion:152 Resp: 28454
Ion Ratio Lower Upper
152 100
150 155.8 126.6 189.8
115 69.1 53.0 79.4



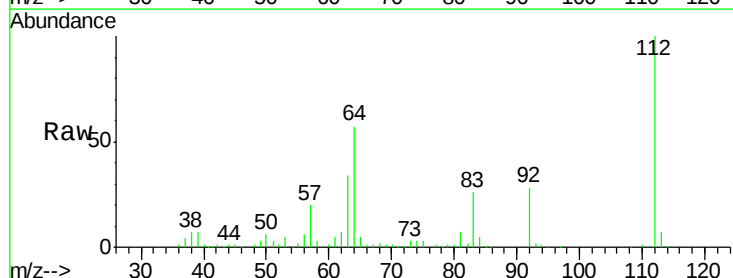
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



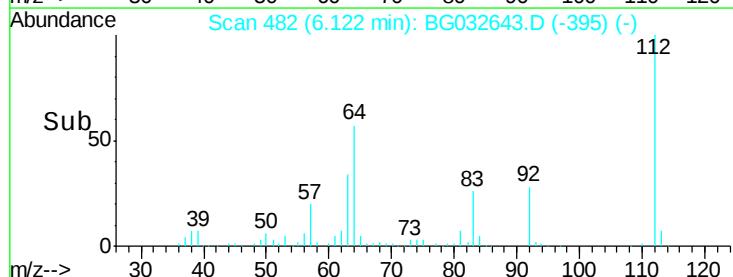
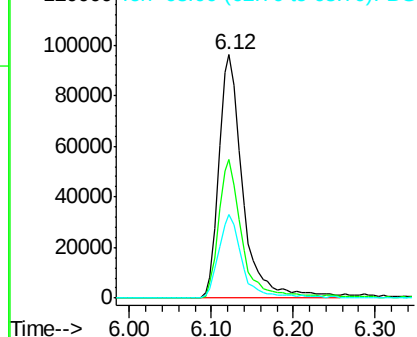
#5

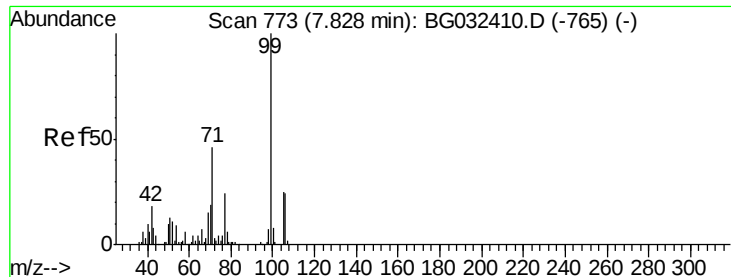
2-Fluorophenol
Concen: 139.343 ng
RT: 6.12 min Scan# 482
Delta R.T. -0.02 min
Lab File: BG032643.D
Acq: 9 Feb 2018 22:43

Tgt Ion:112 Resp: 197399
Ion Ratio Lower Upper
112 100
64 56.8 56.3 84.5
63 34.2 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: 135.052 ng

RT: 7.80 min Scan# 768

Delta R.T. -0.02 min

Lab File: BG032643.D

Acq: 9 Feb 2018 22:43

Instrument :

BNA_G

ClientSampleId :

PB106437BL

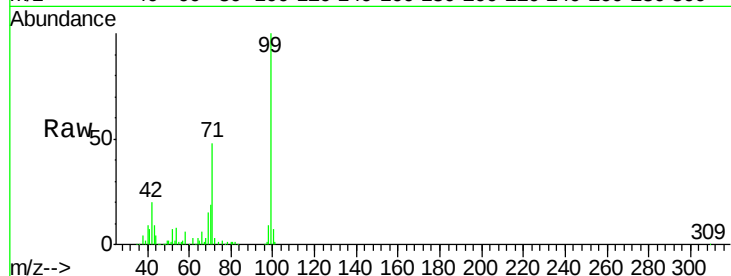
Tot Ion: 99 Resp: 255301

Ion Ratio Lower Upper

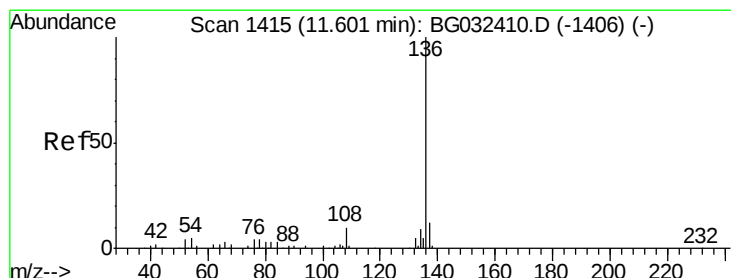
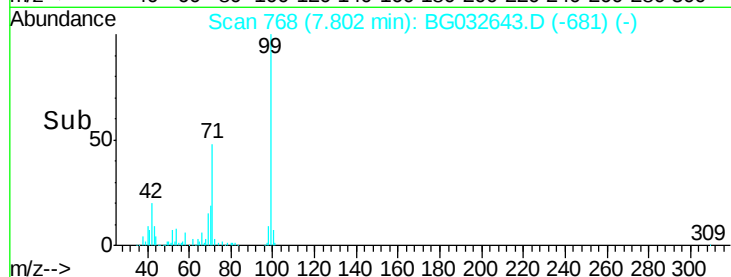
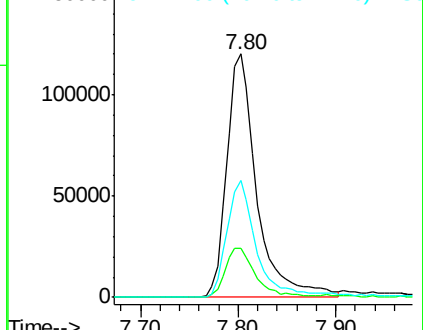
99 100

42 20.3 14.1 21.1

71 47.8 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: 11.56 min Scan# 1407

Delta R.T. -0.03 min

Lab File: BG032643.D

Acq: 9 Feb 2018 22:43

Tgt Ion: 136 Resp: 121066

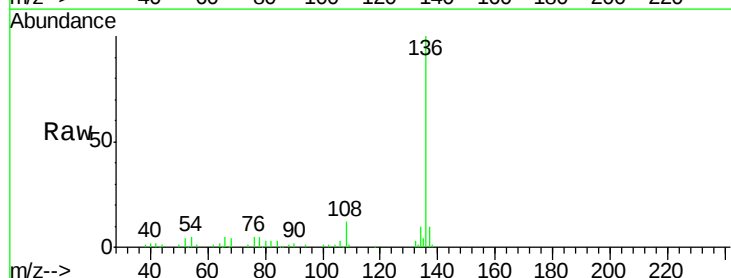
Ion Ratio Lower Upper

136 100

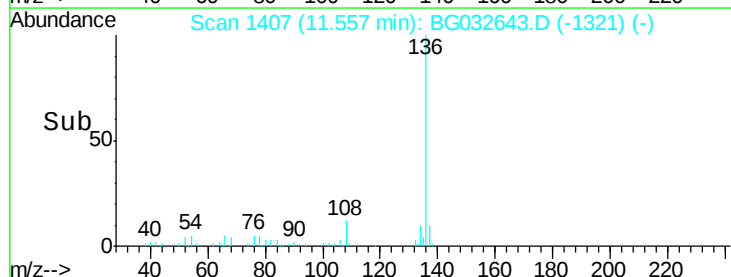
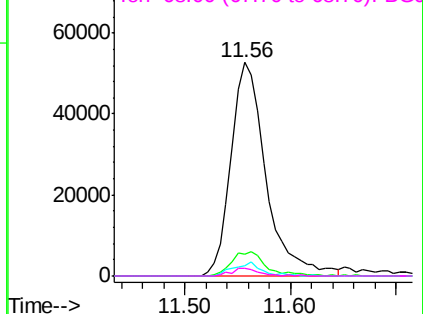
137 10.3 9.2 13.8

54 5.0 10.3 15.5#

68 3.6 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

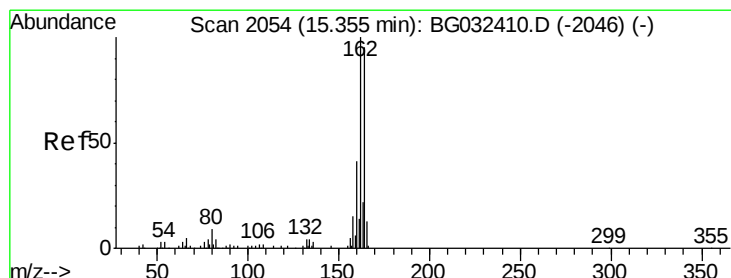
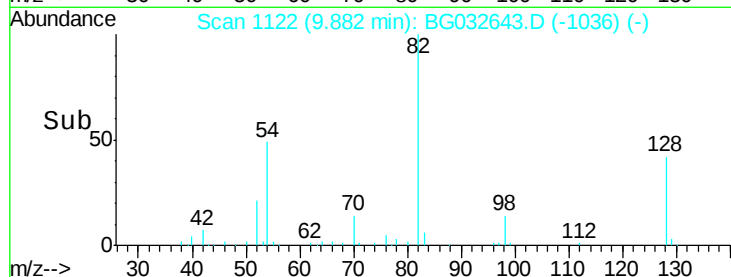
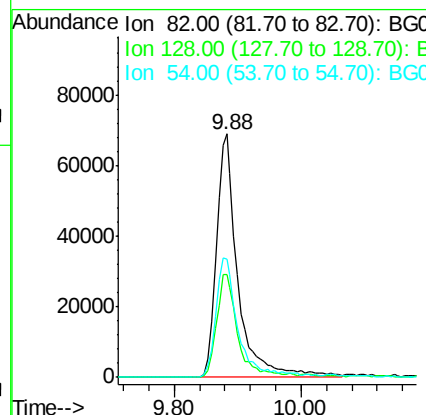
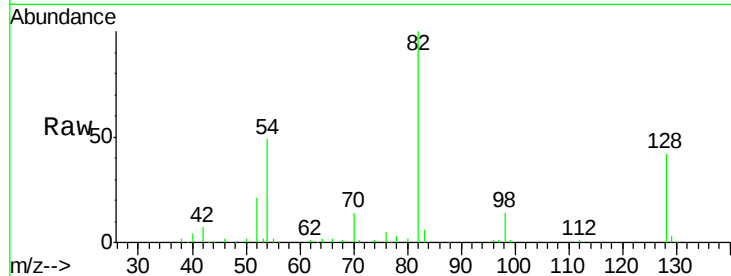




#23
 Nitrobenzene-d5
 Concen: 84.496 ng
 RT: 9.88 min Scan# 1122
 Delta R.T. -0.03 min
 Lab File: BG032643.D
 Acq: 9 Feb 2018 22:43

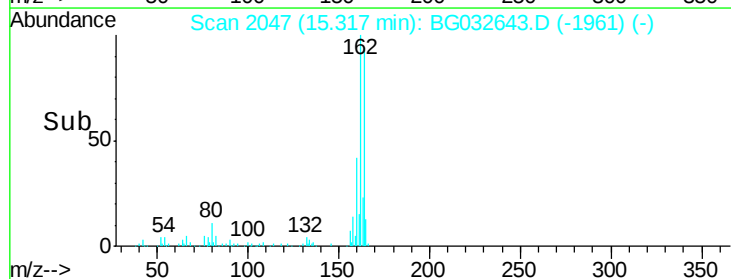
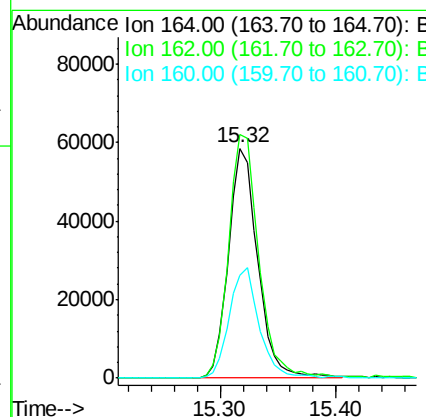
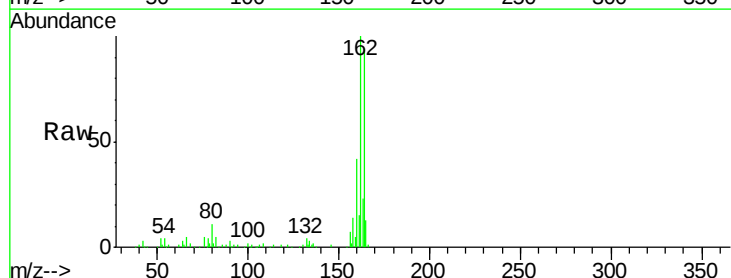
Instrument :
 BNA_G
 ClientSampleId :
 PB106437BL

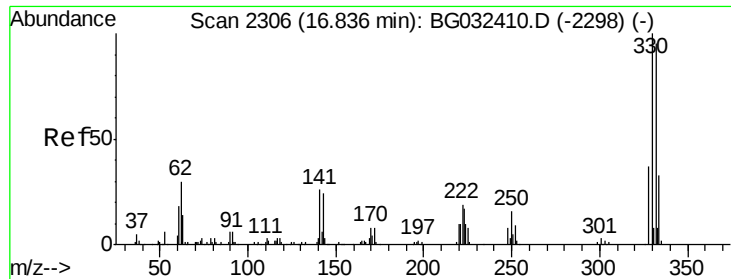
Tot Ion	82	Resp	163778
Ion Ratio	Lower	Upper	
82	100		
128	42.4	29.7	44.5
54	48.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2047
 Delta R.T. -0.03 min
 Lab File: BG032643.D
 Acq: 9 Feb 2018 22:43

Tgt Ion	164	Resp	103217
Ion Ratio	Lower	Upper	
164	100		
162	105.9	78.8	118.2
160	44.6	35.4	53.0

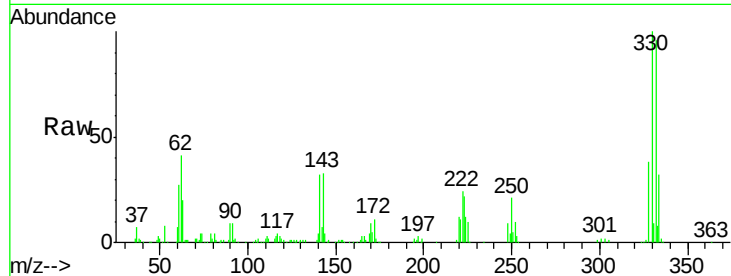




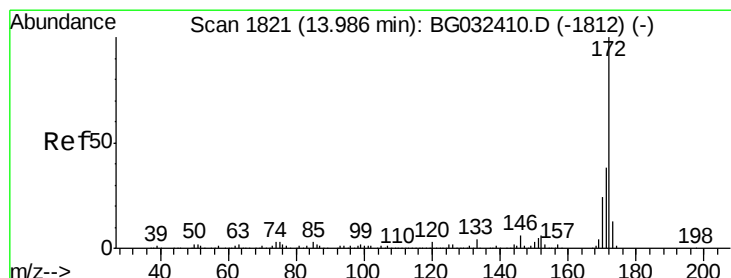
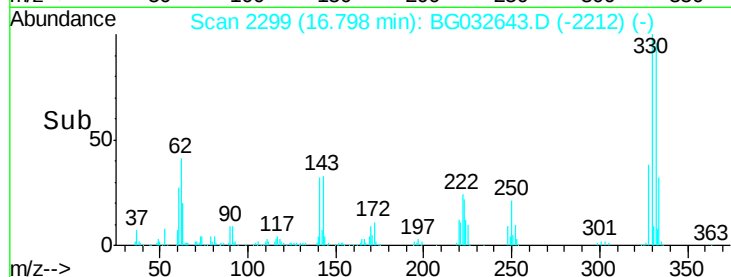
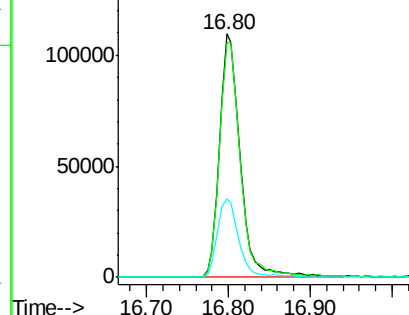
#41
 2,4,6-Tribromophenol
 Concen: 98.593 ng
 RT: 16.80 min Scan# 2299
 Delta R.T. -0.02 min
 Lab File: BG032643.D
 Acq: 9 Feb 2018 22:43

Instrument :
 BNA_G
 ClientSampleId :
 PB106437BL

Tot Ion:330 Resp: 193709
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 34.0 25.2 37.8

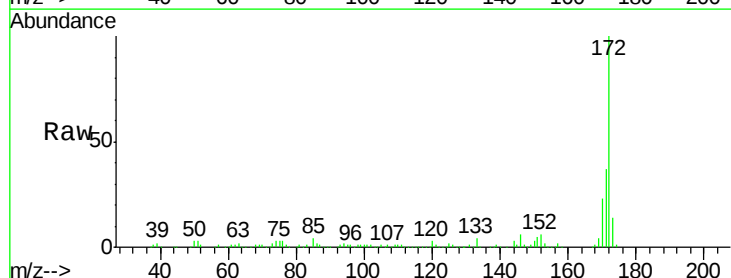


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

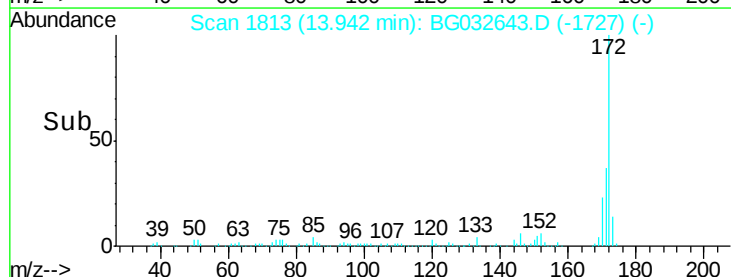
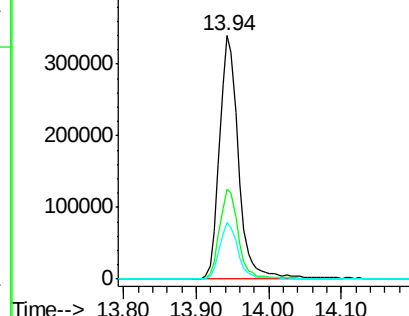


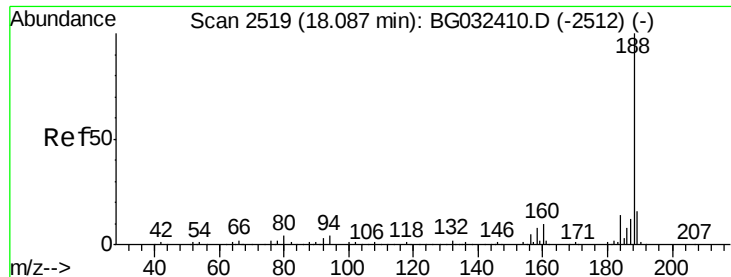
#44
 2-Fluorobiphenyl
 Concen: 71.806 ng
 RT: 13.94 min Scan# 1813
 Delta R.T. -0.03 min
 Lab File: BG032643.D
 Acq: 9 Feb 2018 22:43

Tgt Ion:172 Resp: 623572
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 23.4 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# 2514

Delta R.T. -0.01 min

Lab File: BG032643.D

Acq: 9 Feb 2018 22:43

Instrument :

BNA_G

ClientSampleId :

PB106437BL

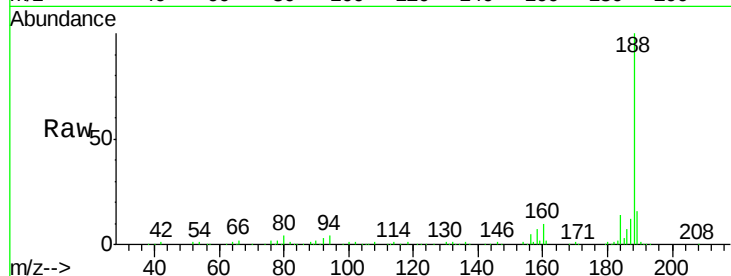
Tot Ion:188 Resp: 279573

Ion Ratio Lower Upper

188 100

94 3.8 6.9 10.3#

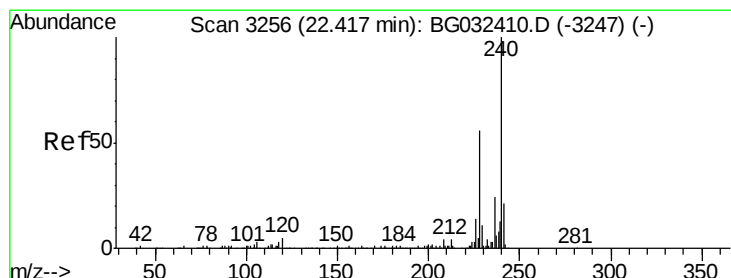
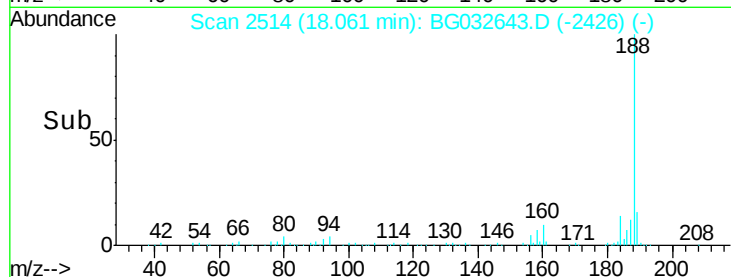
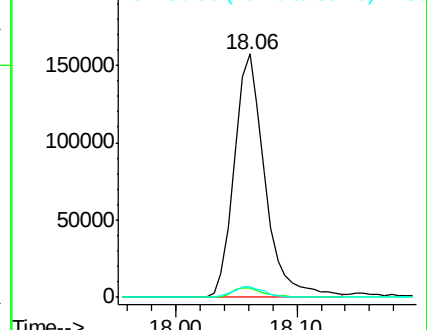
80 4.4 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.39 min Scan# 3251

Delta R.T. -0.01 min

Lab File: BG032643.D

Acq: 9 Feb 2018 22:43

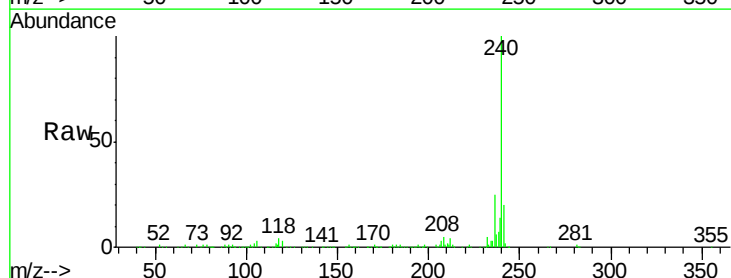
Tgt Ion:240 Resp: 347443

Ion Ratio Lower Upper

240 100

120 3.5 6.8 10.2#

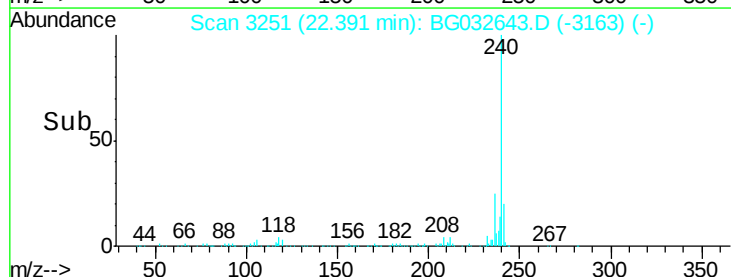
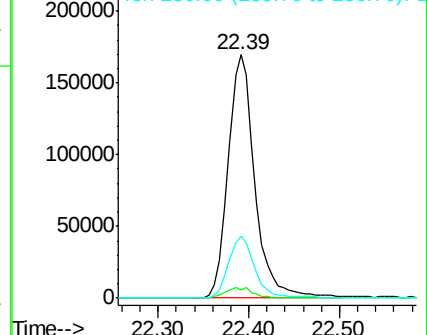
236 25.3 20.9 31.3

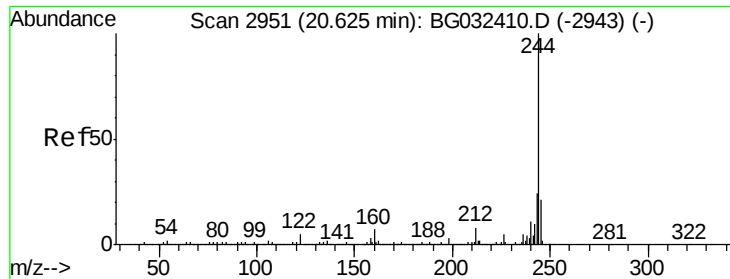


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.424 ng

RT: 20.60 min Scan# 2946

Delta R.T. -0.01 min

Lab File: BG032643.D

Acq: 9 Feb 2018 22:43

Instrument :

BNA_G

ClientSampleId :

PB106437BL

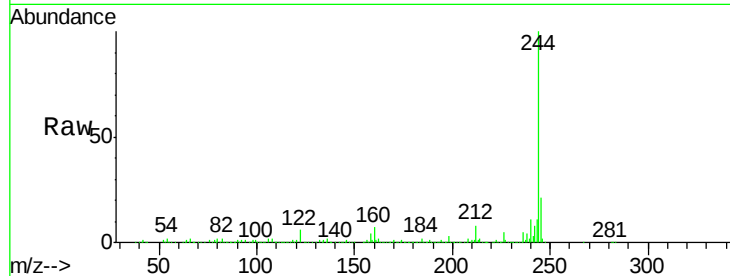
Tot Ion:244 Resp: 1239590

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	5.7	7.0	10.4

244 100

212 8.2 5.8 8.8

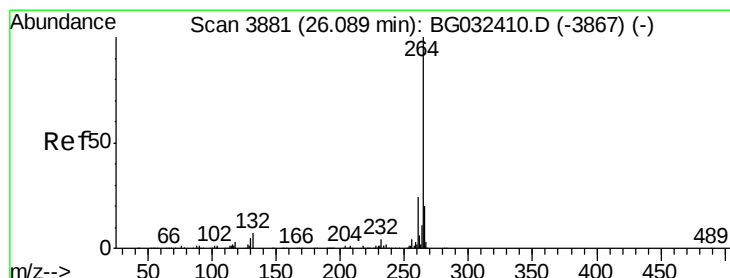
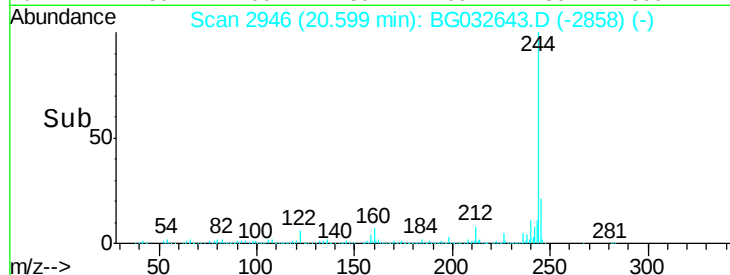
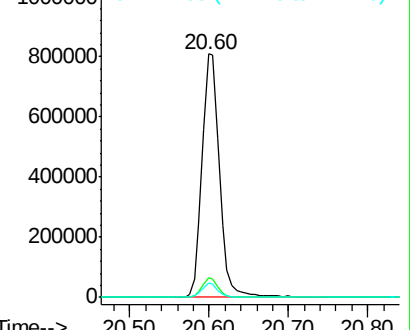
122 5.7 7.0 10.4



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: 26.06 min Scan# 3875

Delta R.T. -0.01 min

Lab File: BG032643.D

Acq: 9 Feb 2018 22:43

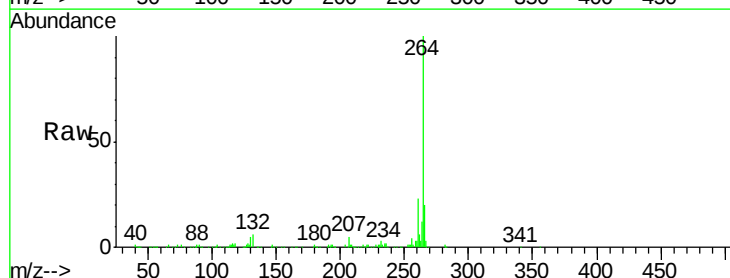
Tgt Ion:264 Resp: 352645

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	20.3	17.7	26.5

264 100

260 22.7 17.4 26.0

265 20.3 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

