

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\
 Data File : BG033229.D
 Acq On : 17 Mar 2018 11:53
 Operator : SJ/JU
 Sample : PB107416BL
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107416BL

Quant Time: Mar 19 04:59:06 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	34387	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	138923	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	101505	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	281656	20.00	ng	0.00
75) Chrysene-d12	22.60	240	314467	20.00	ng	0.00
86) Perylene-d12	26.40	264	330514	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	306193	142.46	ng	0.00
7) Phenol-d6	8.00	99	444771	148.46	ng	0.00
23) Nitrobenzene-d5	10.09	82	279978	133.46	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	234176	219.41	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	664117	94.36	ng	0.00
78) Terphenyl-d14	20.76	244	1396578	99.78	ng	0.00

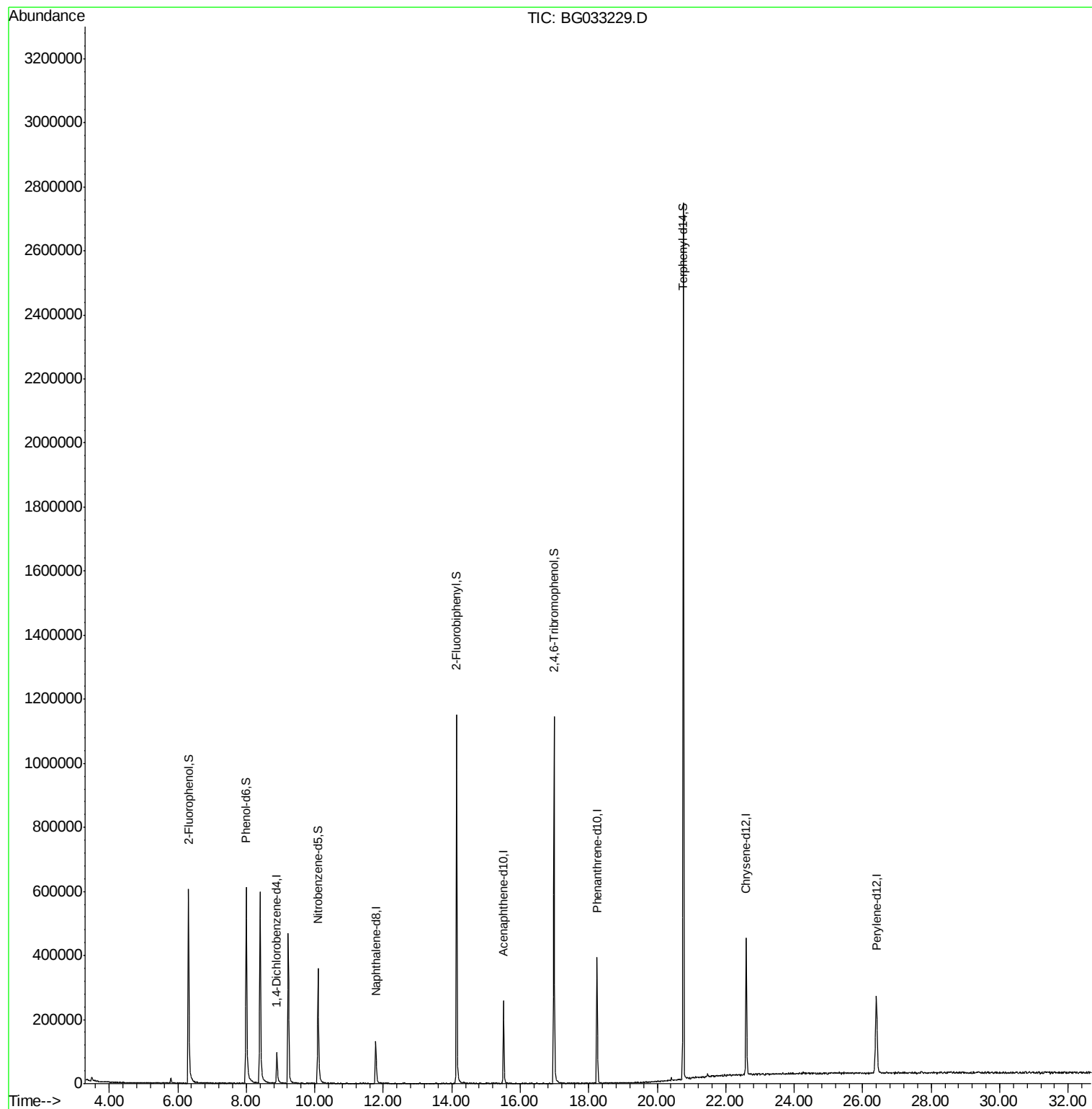
Target Compounds Qvalue

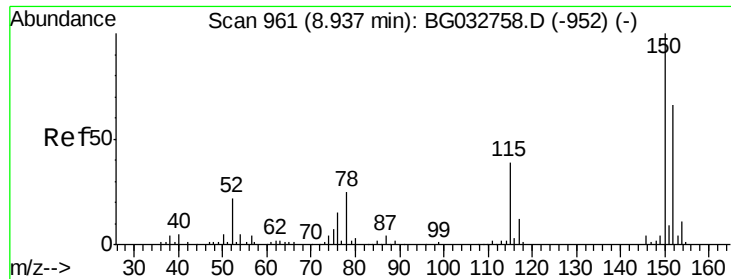
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
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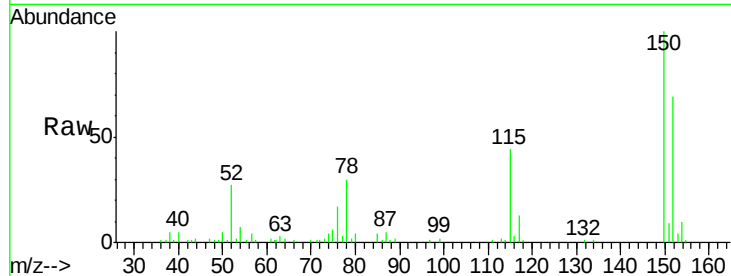


#1

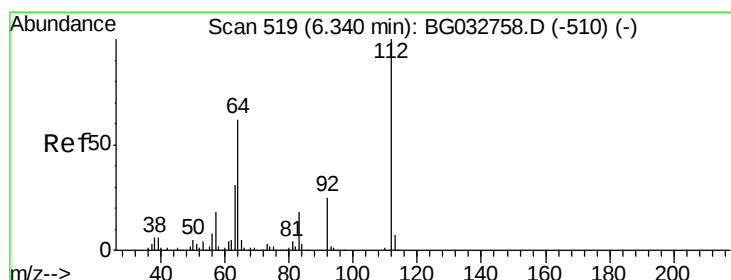
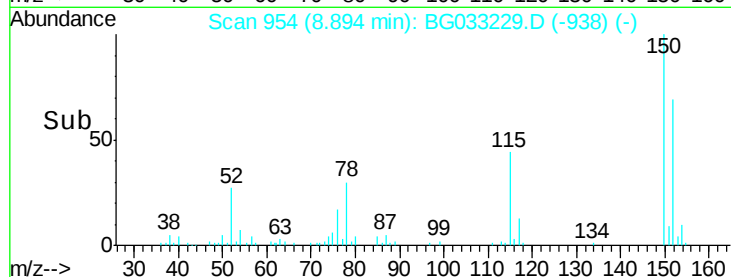
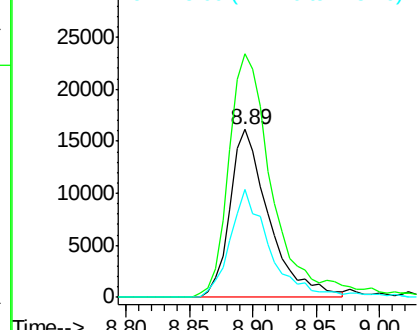
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033229.D
Acq: 17 Mar 2018 11:53

Instrument :
BNA_G
ClientSampleId :
PB107416BL

Tot Ion:152 Resp: 34387
Ion Ratio Lower Upper
152 100
150 144.9 126.6 189.8
115 64.0 53.0 79.4



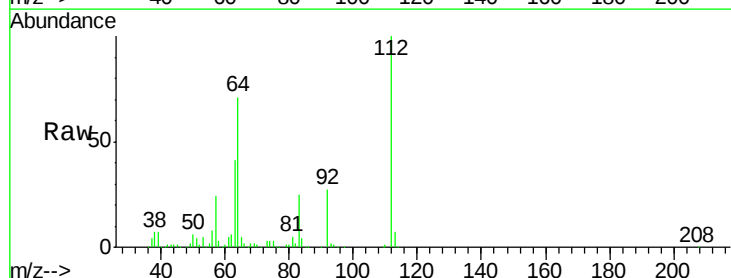
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



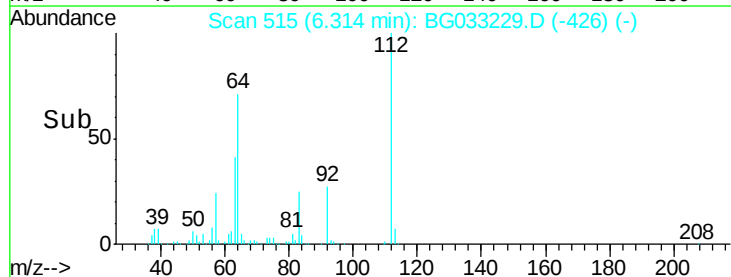
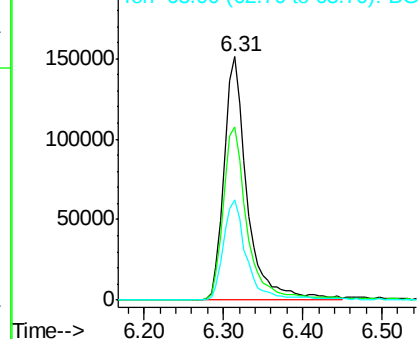
#5

2-Fluorophenol
Concen: 142.456 ng
RT: 6.31 min Scan# 515
Delta R.T. -0.00 min
Lab File: BG033229.D
Acq: 17 Mar 2018 11:53

Tgt Ion:112 Resp: 306193
Ion Ratio Lower Upper
112 100
64 71.3 56.3 84.5
63 41.3 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 148.458 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033229.D

Acq: 17 Mar 2018 11:53

Instrument :

BNA_G

ClientSampled :

PB107416BL

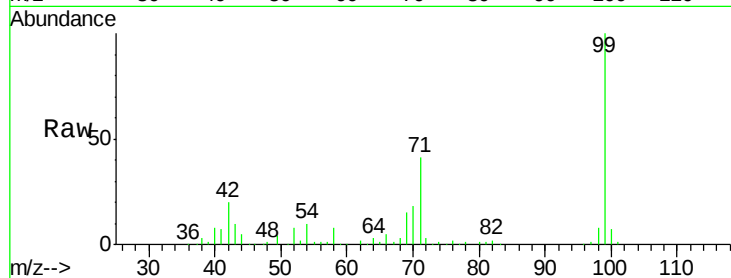
Tot Ion: 99 Resp: 444771

Ion Ratio Lower Upper

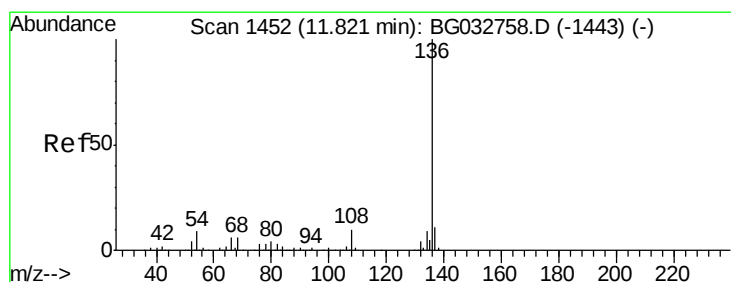
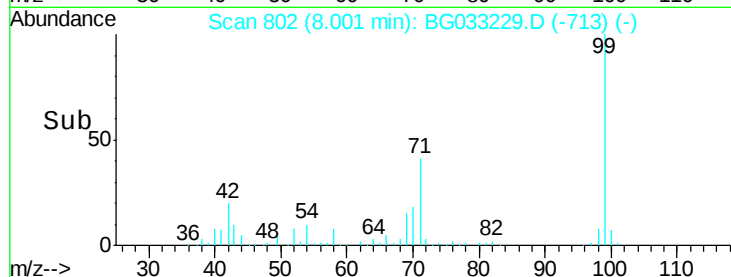
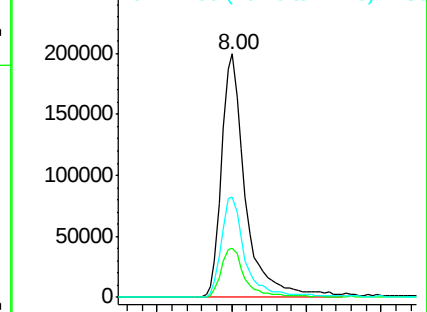
99 100

42 20.3 14.1 21.1

71 41.0 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: 11.78 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BG033229.D

Acq: 17 Mar 2018 11:53

Tgt Ion: 136 Resp: 138923

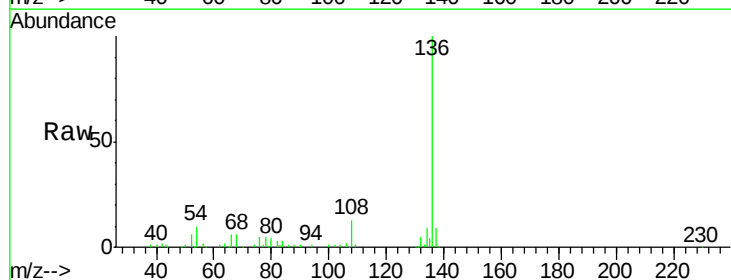
Ion Ratio Lower Upper

136 100

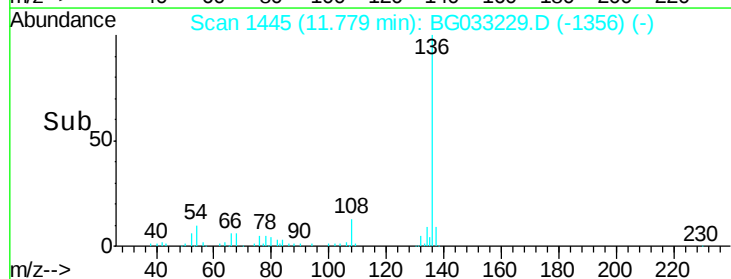
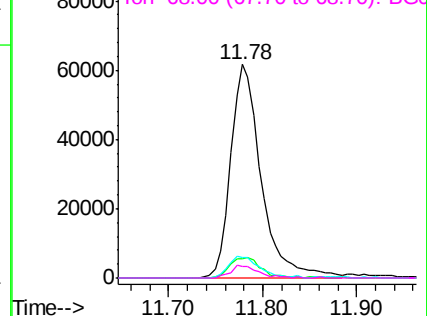
137 9.0 9.2 13.8#

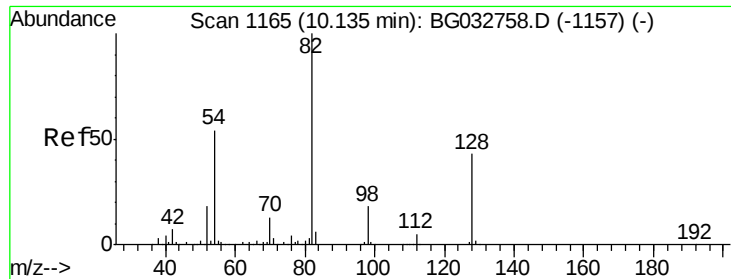
54 9.8 10.3 15.5#

68 5.6 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

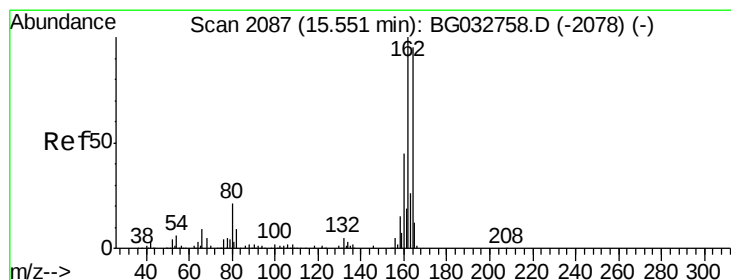
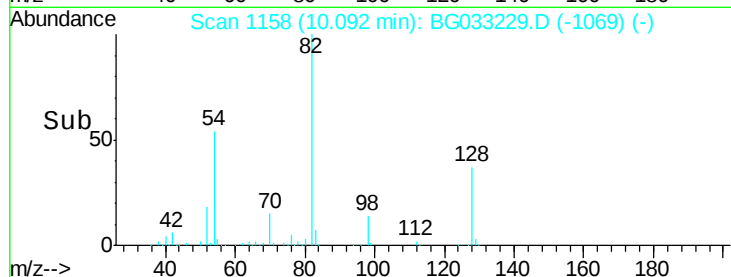
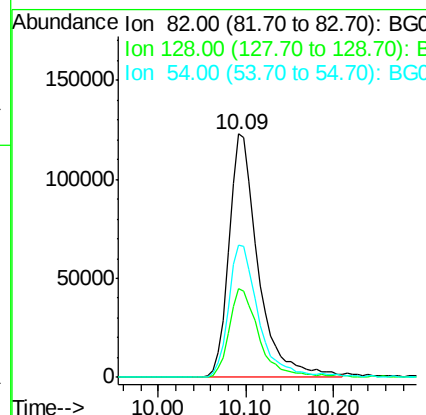
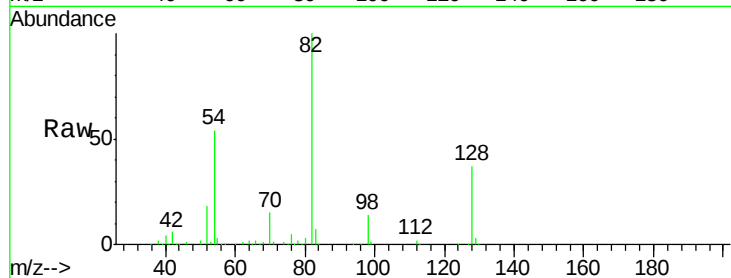




#23
Nitrobenzene-d5
Concen: 133.458 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BG033229.D
Acq: 17 Mar 2018 11:53

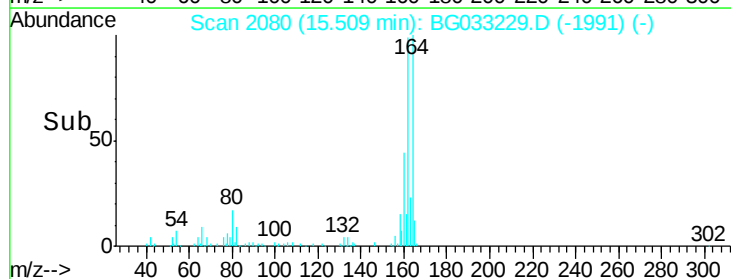
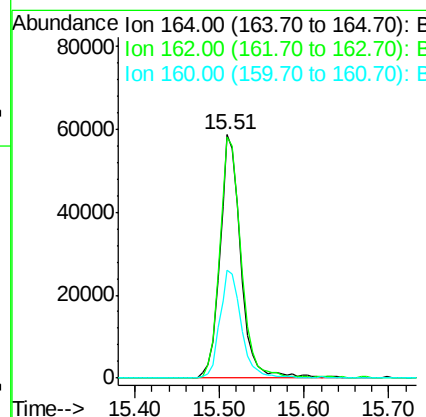
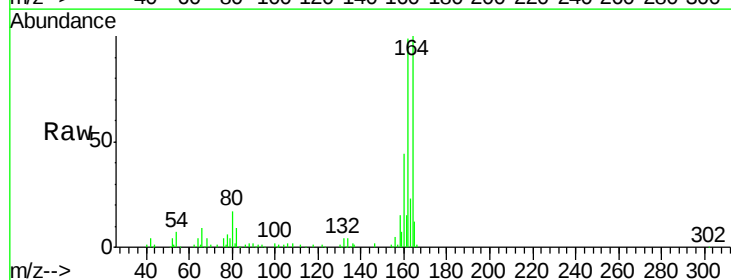
Instrument :
BNA_G
ClientSampleId :
PB107416BL

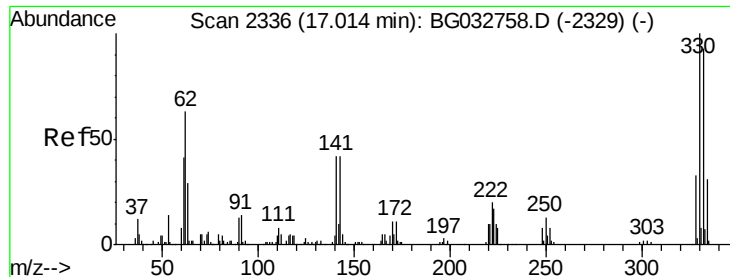
Tot Ion	82	Resp	279978
Ion Ratio	Lower	Upper	
82	100		
128	36.7	29.7	44.5
54	54.2	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG033229.D
Acq: 17 Mar 2018 11:53

Tgt Ion	164	Resp	101505
Ion Ratio	Lower	Upper	
164	100		
162	99.0	78.8	118.2
160	44.5	35.4	53.0

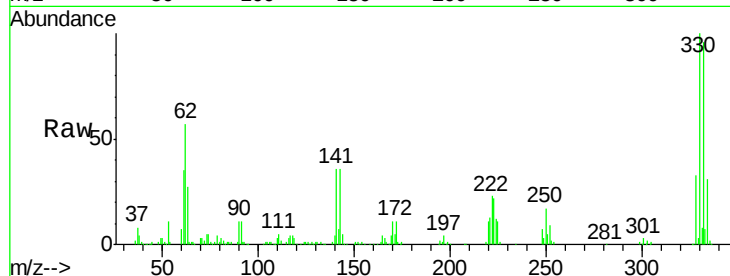




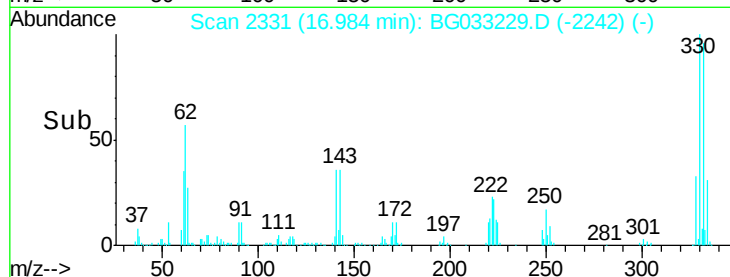
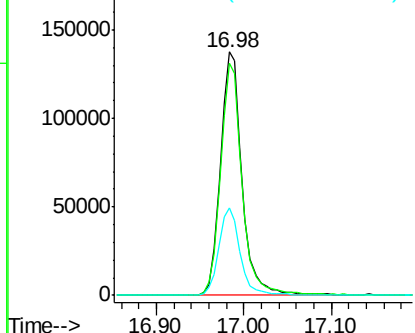
#41
 2,4,6-Tribromophenol
 Concen: 219.412 ng
 RT: 16.98 min Scan# 2331
 Delta R.T. -0.01 min
 Lab File: BG033229.D
 Acq: 17 Mar 2018 11:53

Instrument :
 BNA_G
 ClientSampleId :
 PB107416BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	35.5	25.2	37.8

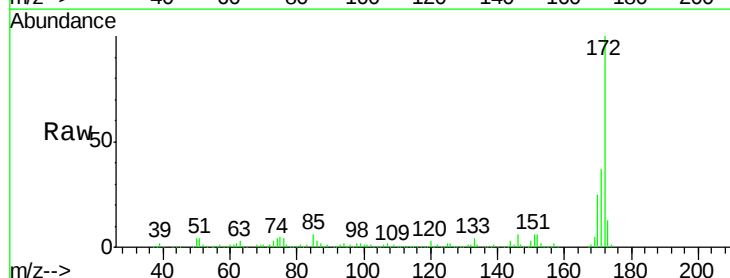


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

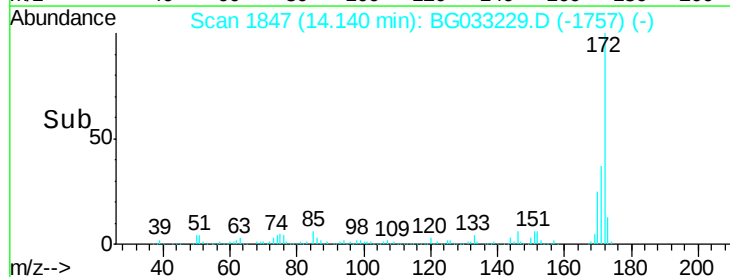
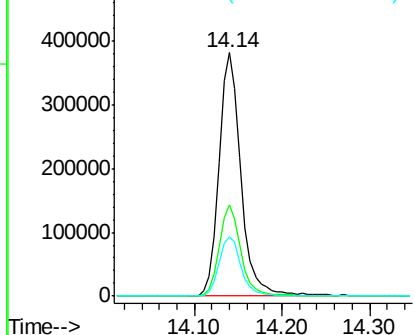


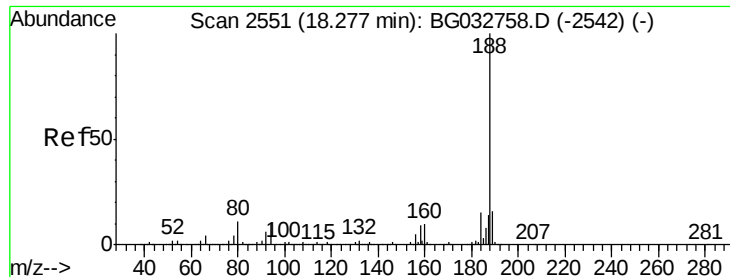
#44
 2-Fluorobiphenyl
 Concen: 94.362 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG033229.D
 Acq: 17 Mar 2018 11:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	24.5	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: 18.24 min Scan# 2545

Delta R.T. -0.01 min

Lab File: BG033229.D

Acq: 17 Mar 2018 11:53

Instrument :

BNA_G

ClientSampleId :

PB107416BL

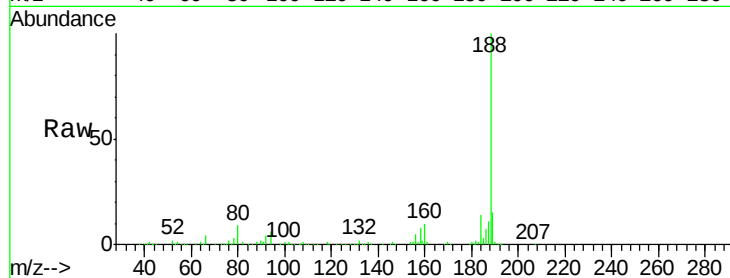
Tot Ion:188 Resp: 281656

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

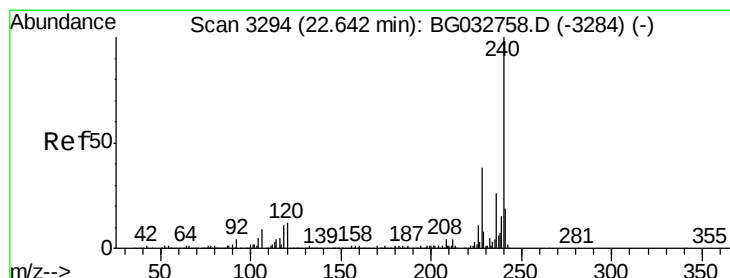
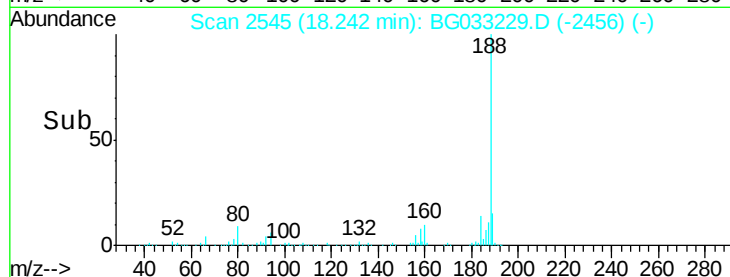
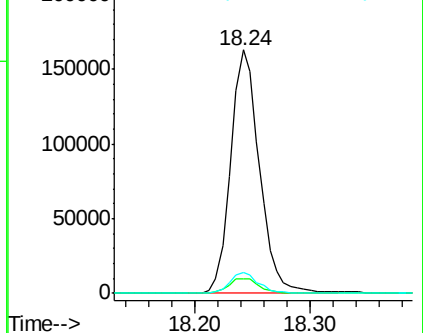
80 8.7 7.7 11.5



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: 22.60 min Scan# 3287

Delta R.T. -0.01 min

Lab File: BG033229.D

Acq: 17 Mar 2018 11:53

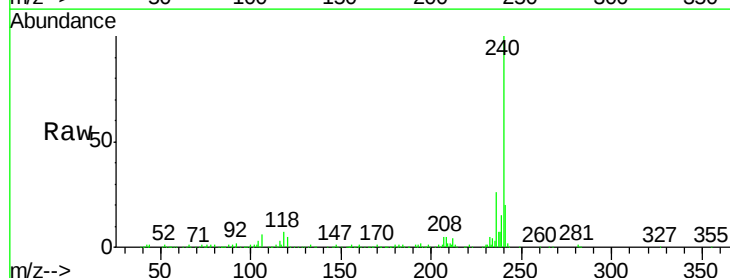
Tgt Ion:240 Resp: 314467

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

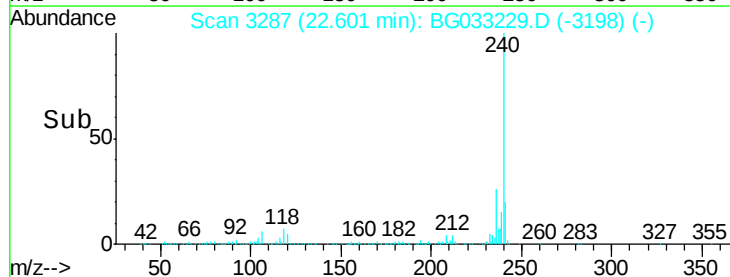
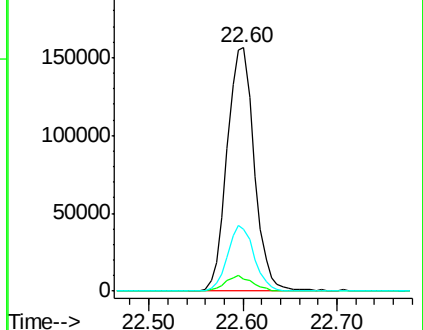
236 25.6 20.9 31.3

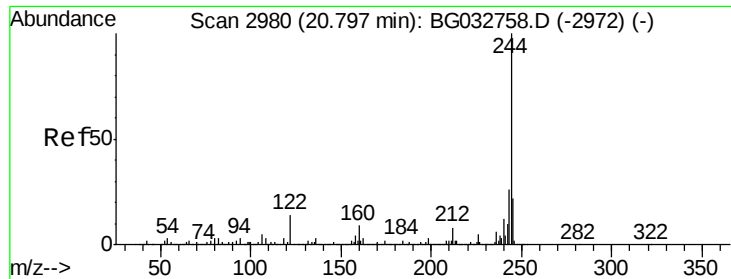


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 99.779 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.00 min

Lab File: BG033229.D

Acq: 17 Mar 2018 11:53

Instrument :

BNA_G

ClientSampleId :

PB107416BL

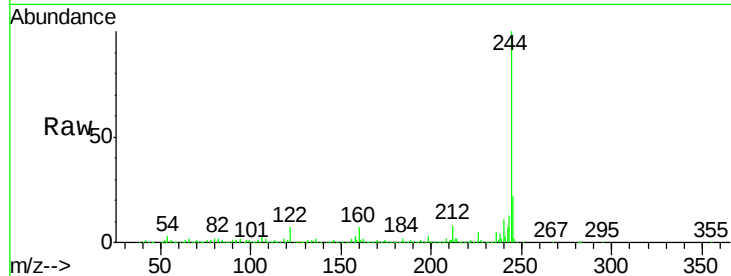
Tot Ion:244 Resp: 1396578

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

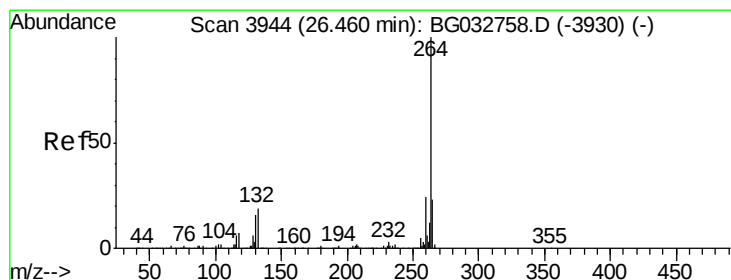
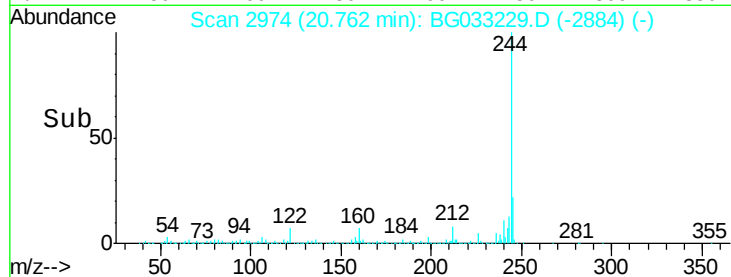
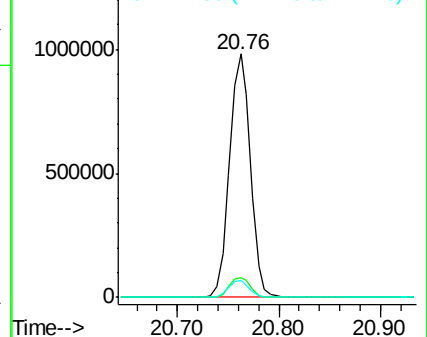
122 7.1 7.0 10.4



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: 26.40 min Scan# 3933

Delta R.T. -0.01 min

Lab File: BG033229.D

Acq: 17 Mar 2018 11:53

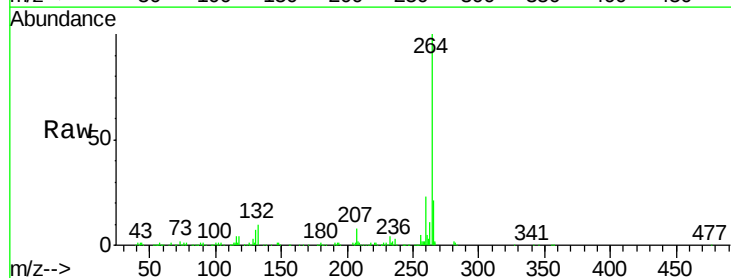
Tgt Ion:264 Resp: 330514

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 21.2 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

