

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\
 Data File : BG033230.D
 Acq On : 17 Mar 2018 12:30
 Operator : SJ/JU
 Sample : PB107416TB
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107416TB

Quant Time: Mar 19 05:08:28 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	8.90	152	31910	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	131597	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	97219	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	286951	20.00	ng	0.00
75) Chrysene-d12	22.59	240	312872	20.00	ng	-0.01
86) Perylene-d12	26.39	264	346053	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	260337	130.52	ng	0.00
7) Phenol-d6	8.00	99	377540	135.80	ng	-0.01
23) Nitrobenzene-d5	10.10	82	239029	121.26	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	203963	199.53	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	573616	85.10	ng	0.00
78) Terphenyl-d14	20.76	244	1248699	89.67	ng	0.00

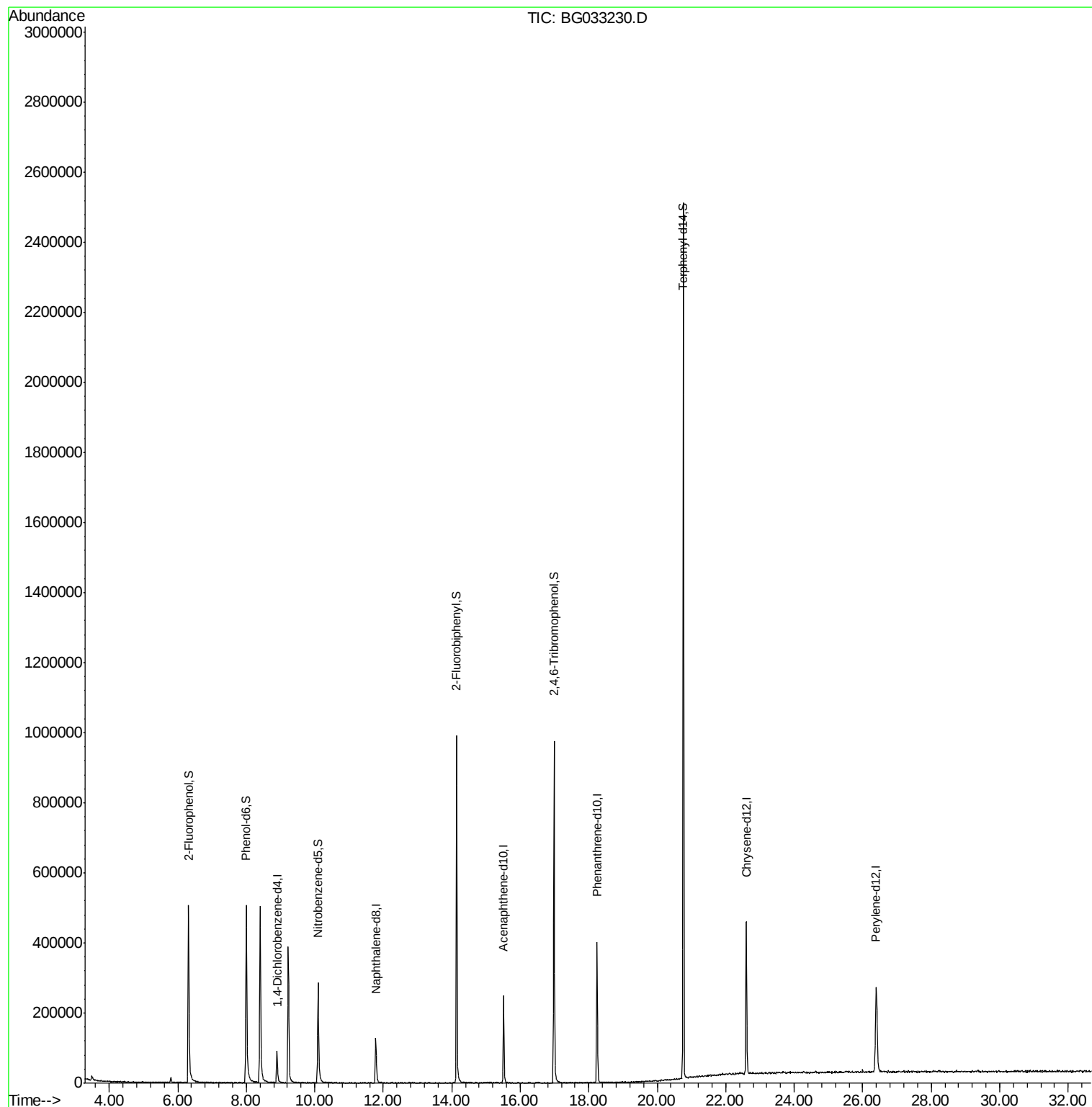
Target Compounds Qvalue

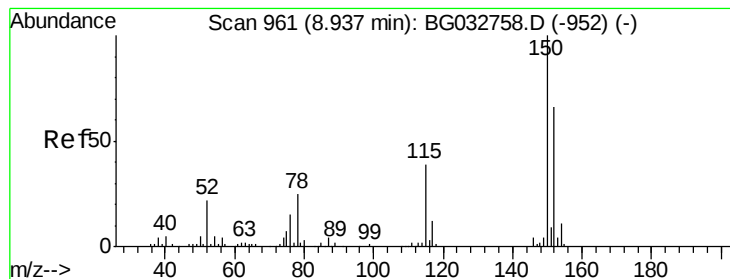
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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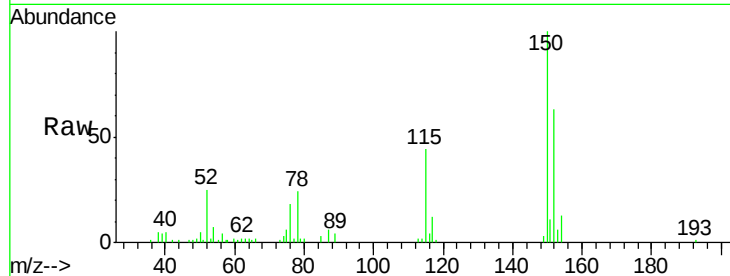


#1

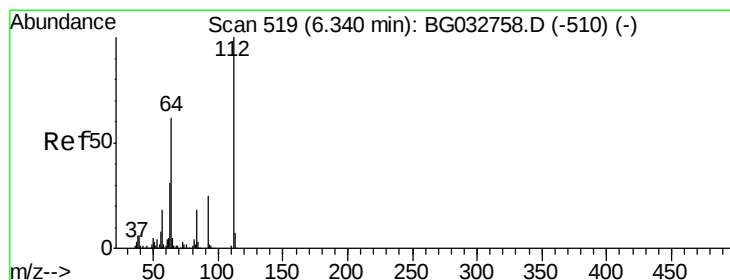
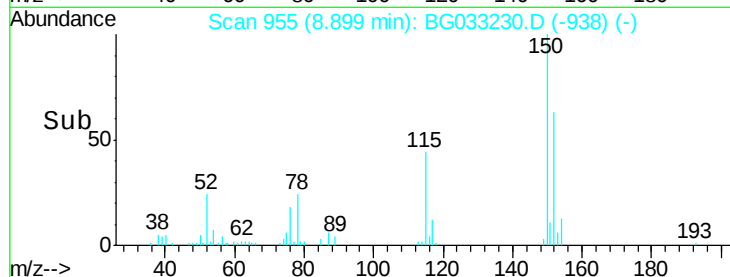
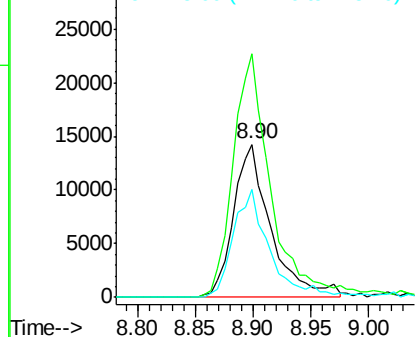
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG033230.D
Acq: 17 Mar 2018 12:30

Instrument :
BNA_G
ClientSampleId :
PB107416TB

Tot Ion:152 Resp: 31910
Ion Ratio Lower Upper
152 100
150 159.1 126.6 189.8
115 70.1 53.0 79.4



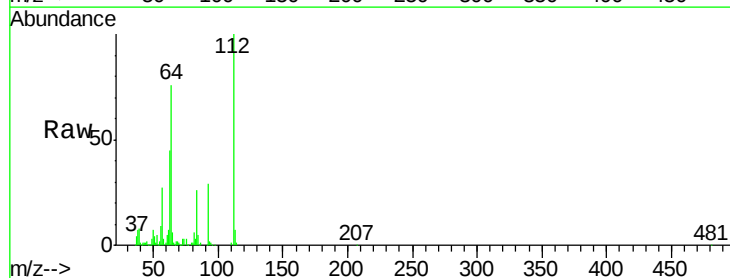
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



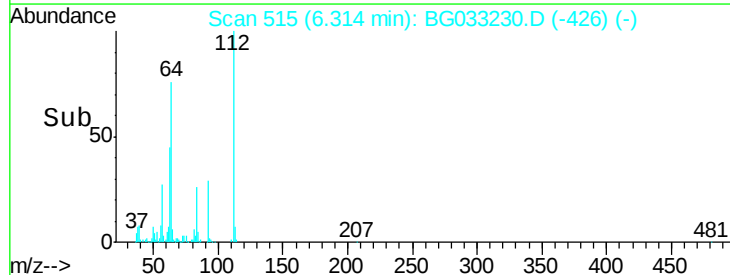
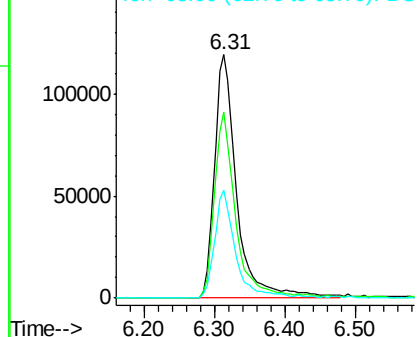
#5

2-Fluorophenol
Concen: 130.524 ng
RT: 6.31 min Scan# 515
Delta R.T. -0.01 min
Lab File: BG033230.D
Acq: 17 Mar 2018 12:30

Tgt Ion:112 Resp: 260337
Ion Ratio Lower Upper
112 100
64 76.3 56.3 84.5
63 44.6 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: 135.799 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033230.D

Acq: 17 Mar 2018 12:30

Instrument :

BNA_G

ClientSampleId :

PB107416TB

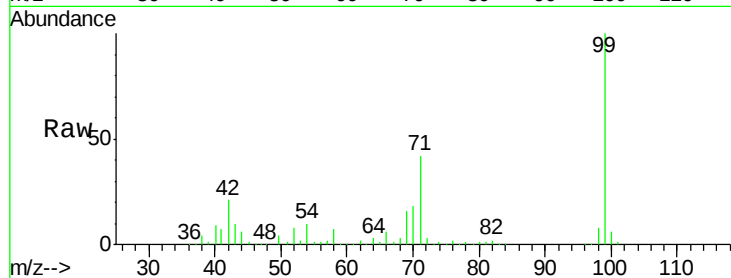
Tot Ion: 99 Resp: 377540

Ion Ratio Lower Upper

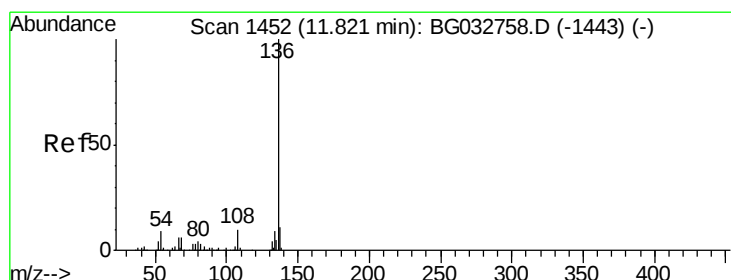
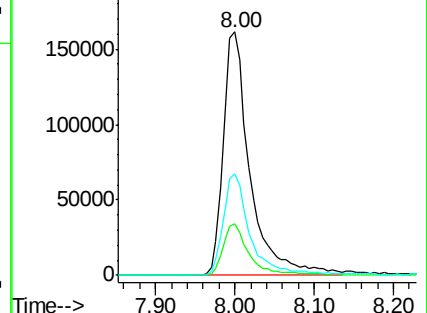
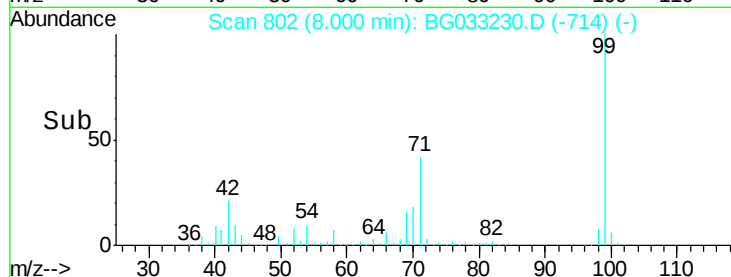
99 100

42 21.1 14.1 21.1

71 41.8 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: 11.78 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BG033230.D

Acq: 17 Mar 2018 12:30

Tgt Ion: 136 Resp: 131597

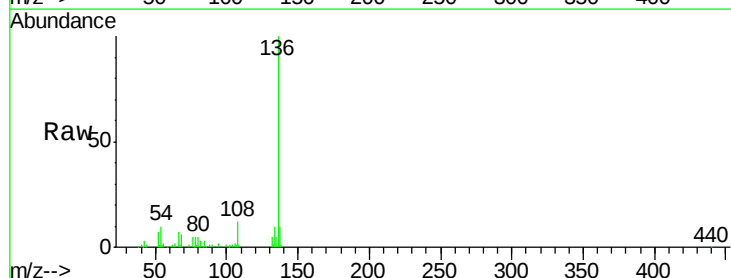
Ion Ratio Lower Upper

136 100

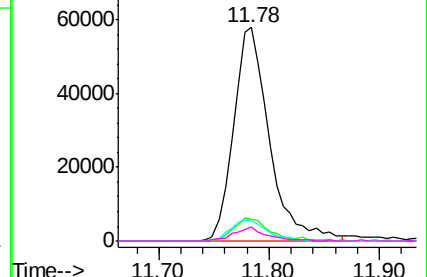
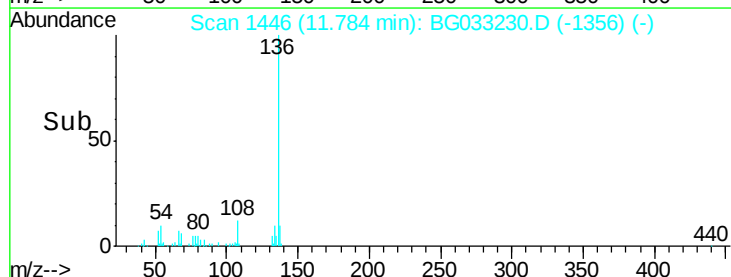
137 10.1 9.2 13.8

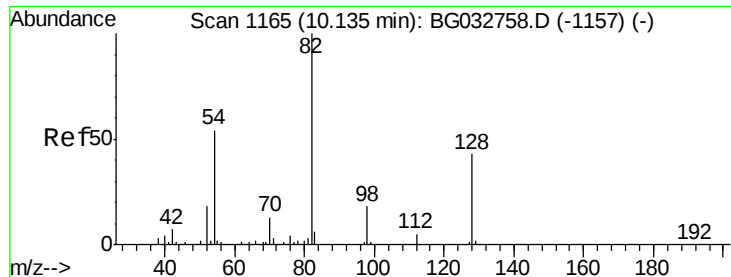
54 9.6 10.3 15.5#

68 6.3 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: 121.260 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BG033230.D

Acq: 17 Mar 2018 12:30

Instrument :

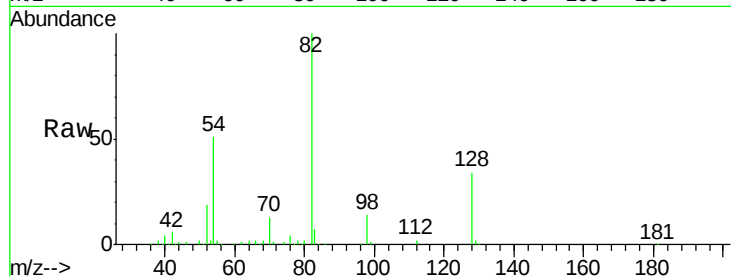
BNA_G

ClientSampleId :

PB107416TB

Tot Ion: 82 Resp: 239029

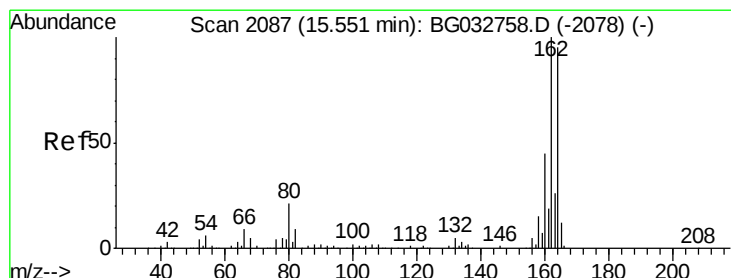
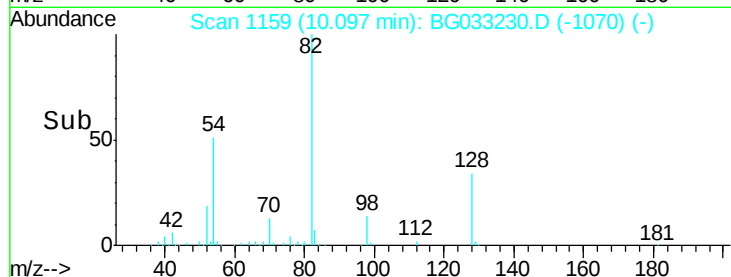
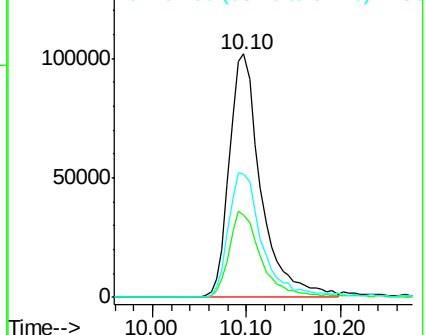
Ion	Ratio	Lower	Upper
82	100		
128	33.6	29.7	44.5
54	50.8	43.1	64.7



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: 15.51 min Scan# 2081

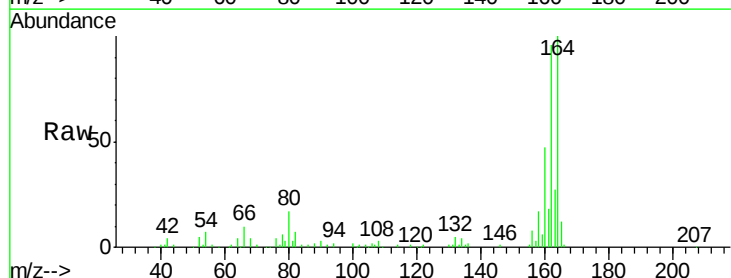
Delta R.T. -0.00 min

Lab File: BG033230.D

Acq: 17 Mar 2018 12:30

Tgt Ion:164 Resp: 97219

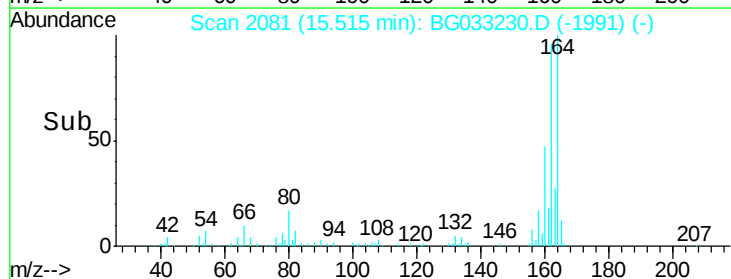
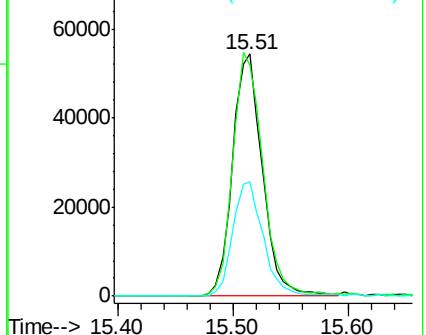
Ion	Ratio	Lower	Upper
164	100		
162	95.6	78.8	118.2
160	47.0	35.4	53.0

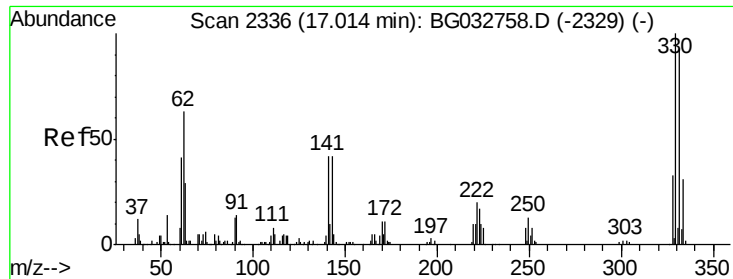


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

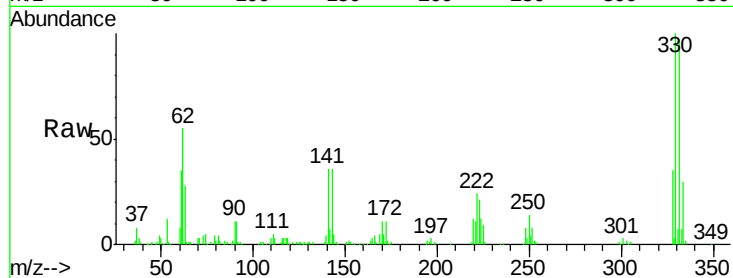




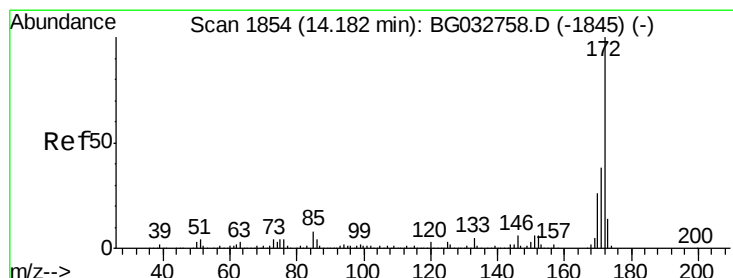
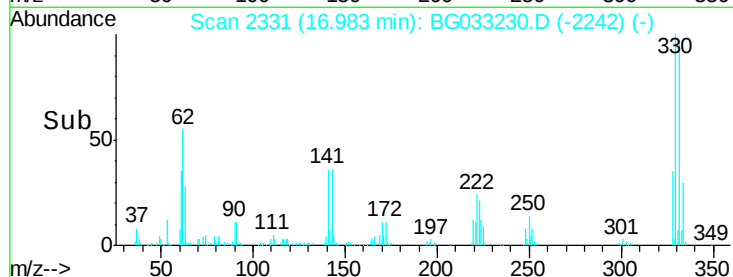
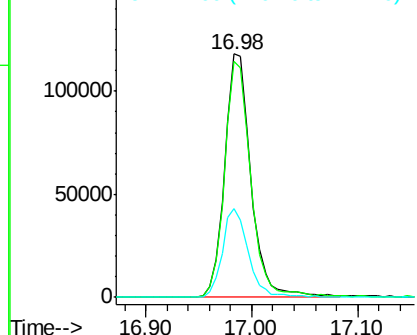
#41
 2,4,6-Tribromophenol
 Concen: 199.529 ng
 RT: 16.98 min Scan# 2331
 Delta R.T. -0.01 min
 Lab File: BG033230.D
 Acq: 17 Mar 2018 12:30

Instrument :
 BNA_G
 ClientSampleId :
 PB107416TB

Tot Ion:330 Resp: 203963
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 36.4 25.2 37.8

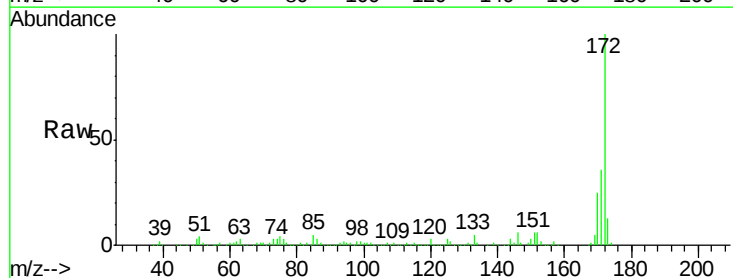


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

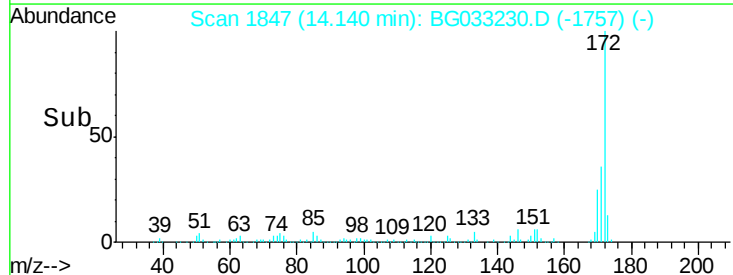
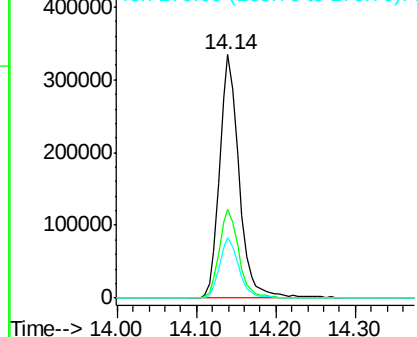


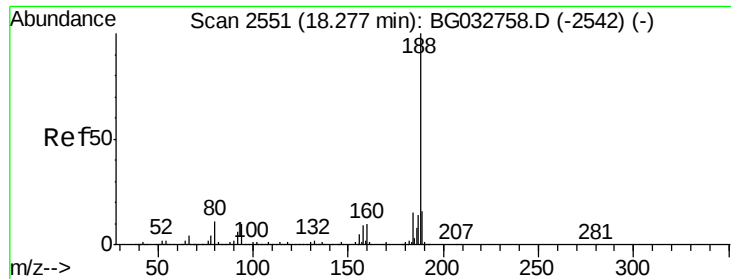
#44
 2-Fluorobiphenyl
 Concen: 85.096 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG033230.D
 Acq: 17 Mar 2018 12:30

Tgt Ion:172 Resp: 573616
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.0 45.0
 170 24.8 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

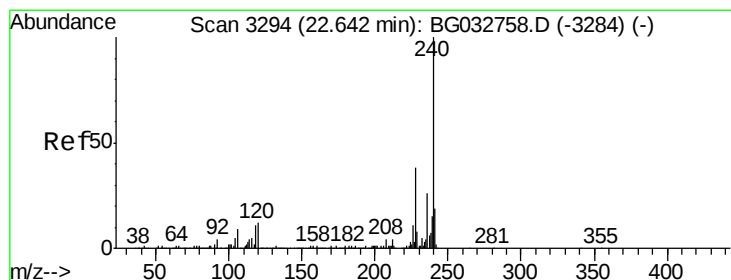
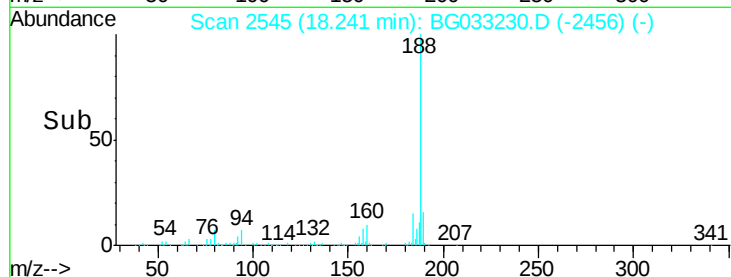
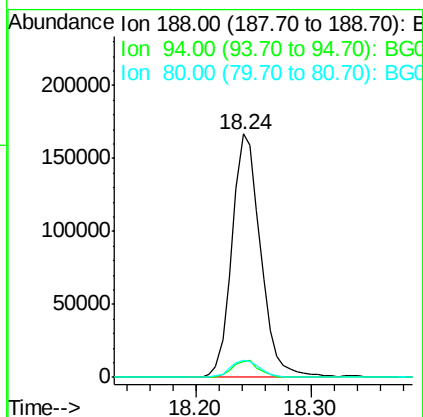
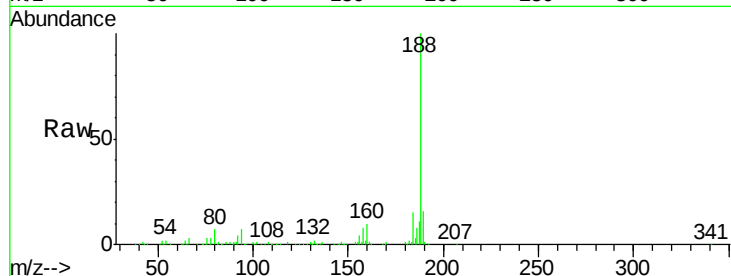




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. -0.01 min
Lab File: BG033230.D
Acq: 17 Mar 2018 12:30

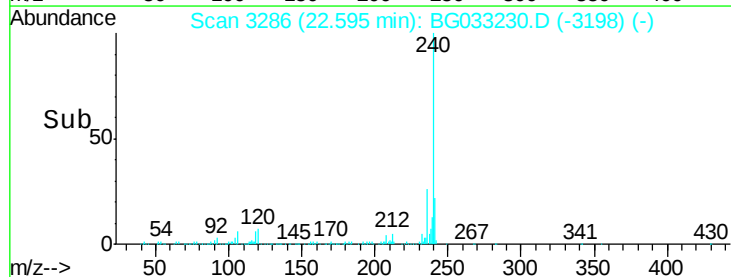
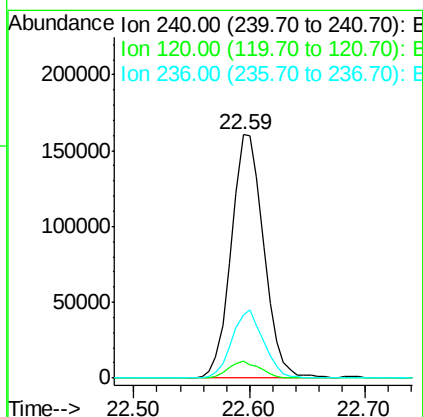
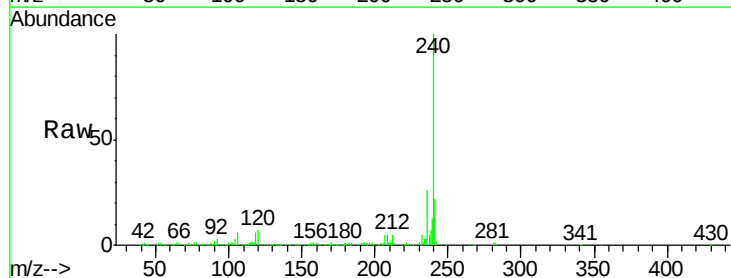
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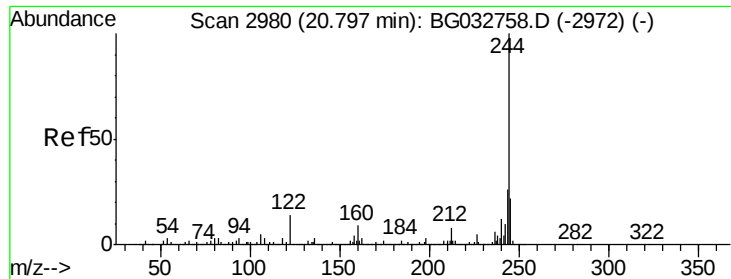
Tot Ion:188 Resp: 286951
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 7.2 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.59 min Scan# 3286
Delta R.T. -0.01 min
Lab File: BG033230.D
Acq: 17 Mar 2018 12:30

Tgt Ion:240 Resp: 312872
Ion Ratio Lower Upper
240 100
120 6.9 6.8 10.2
236 26.0 20.9 31.3

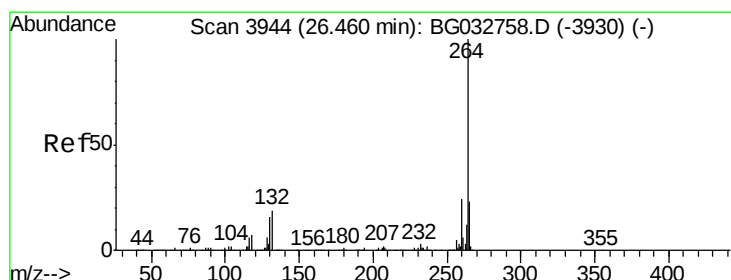
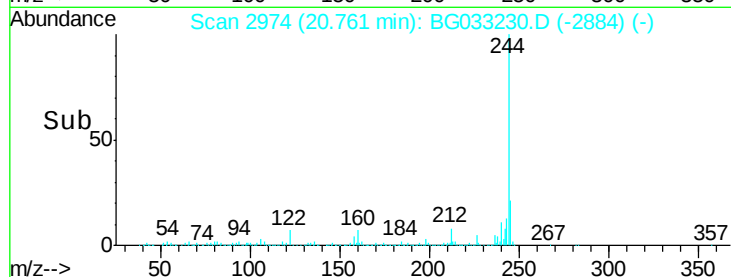
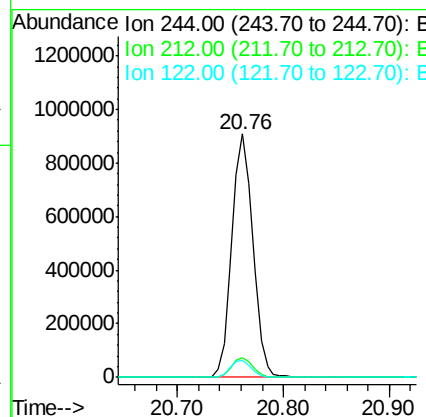
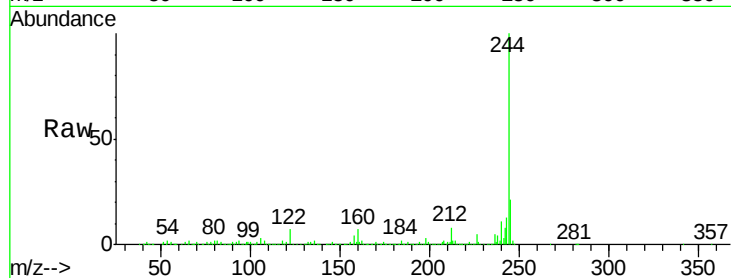




#78
 Terphenyl-d14
 Concen: 89.669 ng
 RT: 20.76 min Scan# 2974
 Delta R.T. -0.00 min
 Lab File: BG033230.D
 Acq: 17 Mar 2018 12:30

Instrument :
 BNA_G
 ClientSampleId :
 PB107416TB

Tot Ion:244 Resp: 1248699
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.8 8.8
 122 6.8 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.39 min Scan# 3932
 Delta R.T. -0.02 min
 Lab File: BG033230.D
 Acq: 17 Mar 2018 12:30

Tgt Ion:264 Resp: 346053
 Ion Ratio Lower Upper
 264 100
 260 22.2 17.4 26.0
 265 20.9 17.7 26.5

