

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG033018\
 Data File : BG033452.D
 Acq On : 30 Mar 2018 17:37
 Operator : SJ/JU
 Sample : PB107838BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107838BL

Quant Time: Mar 31 02:10:59 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	27443	20.00	ng	-0.02
21) Naphthalene-d8	11.75	136	121797	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	101060	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	296641	20.00	ng	0.00
75) Chrysene-d12	22.56	240	320697	20.00	ng	0.00
86) Perylene-d12	26.32	264	346244	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	255249	174.41	ng	0.00
7) Phenol-d6	7.98	99	392852	156.23	ng	0.00
23) Nitrobenzene-d5	10.06	82	238816	90.09	ng	-0.02
41) 2,4,6-Tribromophenol	16.96	330	207592	137.34	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	614698	87.81	ng	0.00
78) Terphenyl-d14	20.73	244	1369609	91.33	ng	0.00

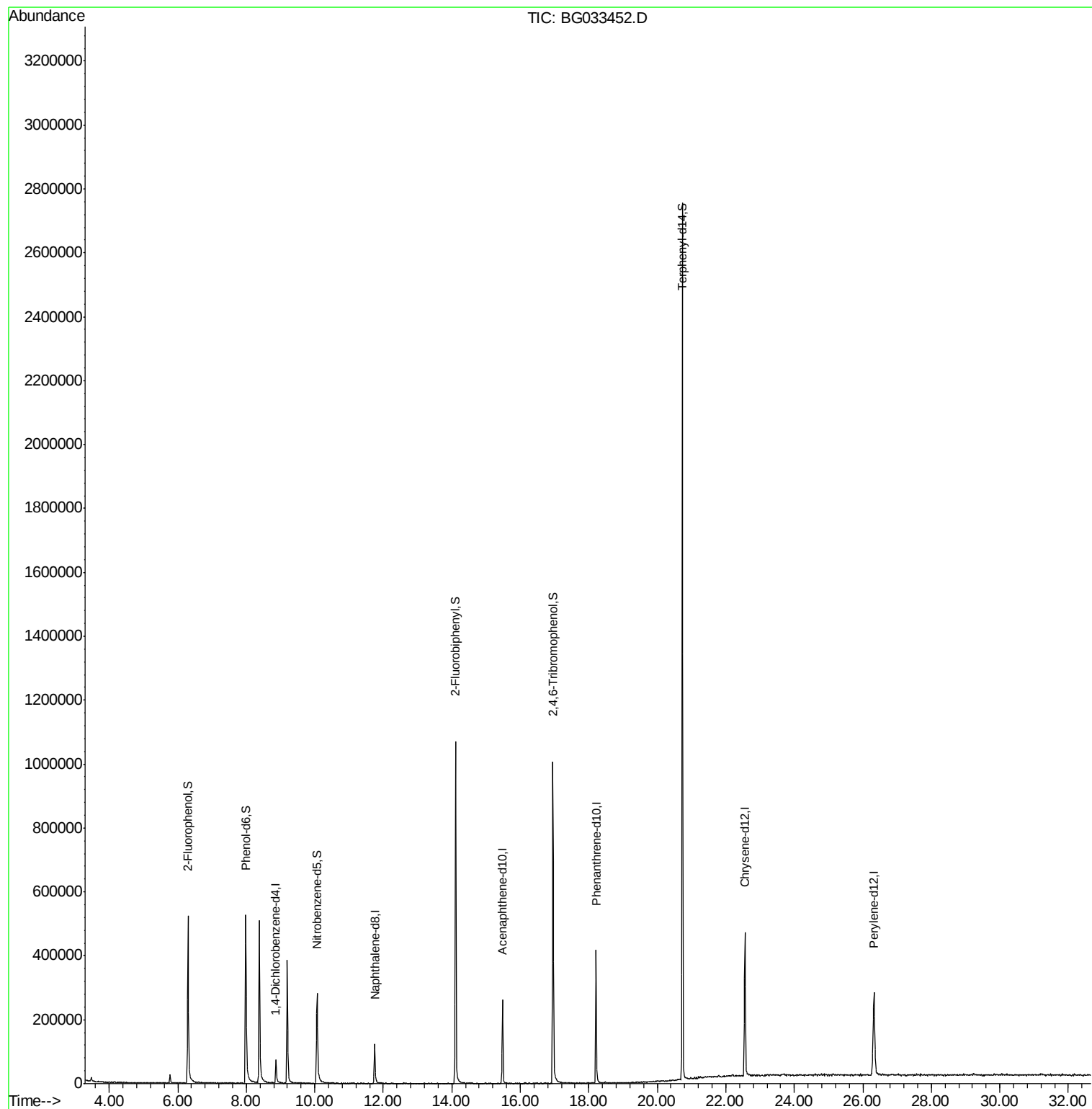
Target Compounds Qvalue

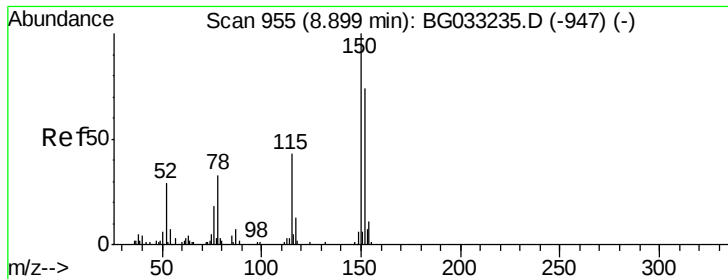
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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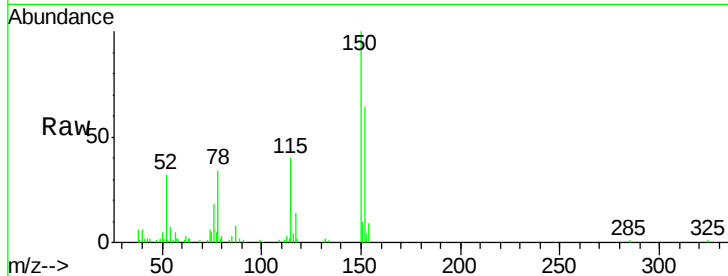


#1

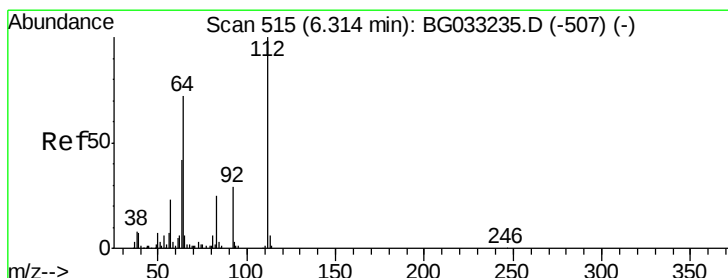
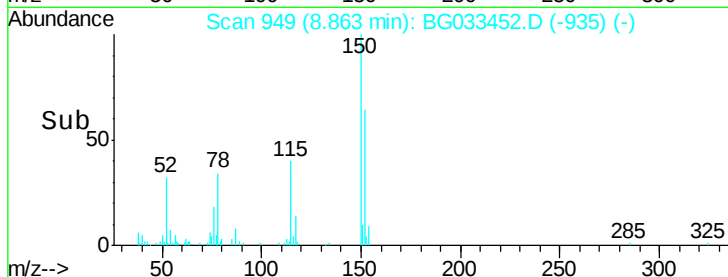
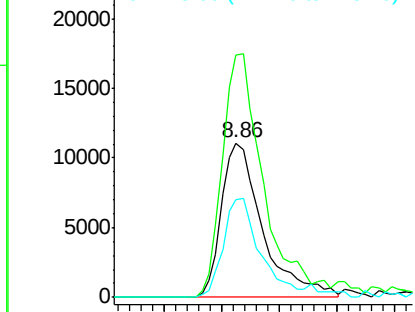
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.02 min
Lab File: BG033452.D
Acq: 30 Mar 2018 17:37

Instrument :
BNA_G
ClientSampleId :
PB107838BL

Tot Ion:152 Resp: 27443
Ion Ratio Lower Upper
152 100
150 156.9 126.6 189.8
115 63.4 53.0 79.4



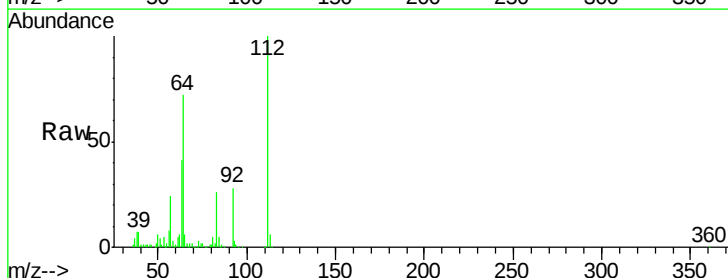
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



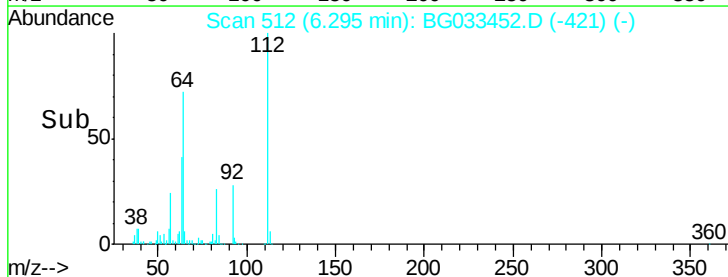
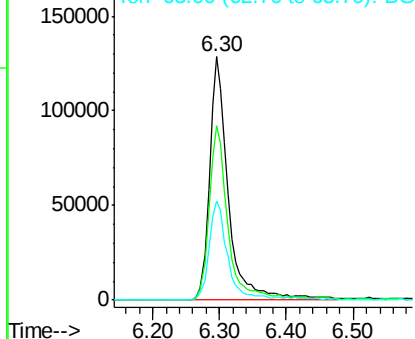
#5

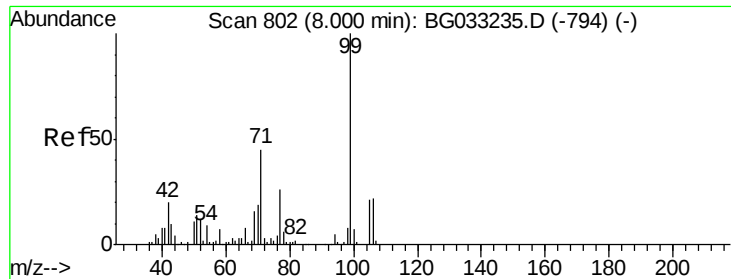
2-Fluorophenol
Concen: 174.406 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033452.D
Acq: 30 Mar 2018 17:37

Tgt Ion:112 Resp: 255249
Ion Ratio Lower Upper
112 100
64 71.6 56.3 84.5
63 40.6 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: 156.225 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033452.D

Acq: 30 Mar 2018 17:37

Instrument :

BNA_G

ClientSampleId :

PB107838BL

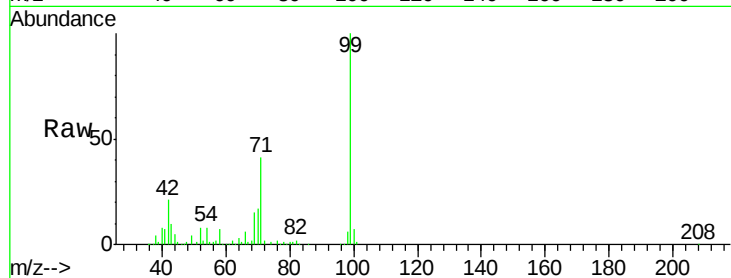
Tot Ion: 99 Resp: 392852

Ion Ratio Lower Upper

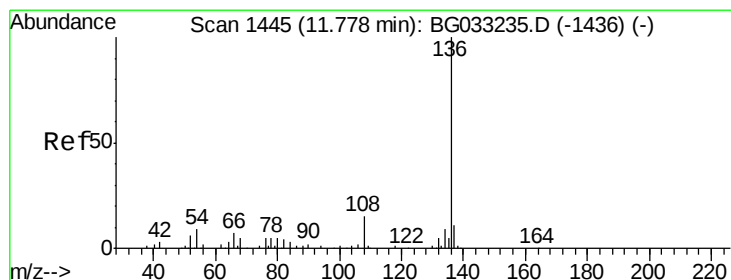
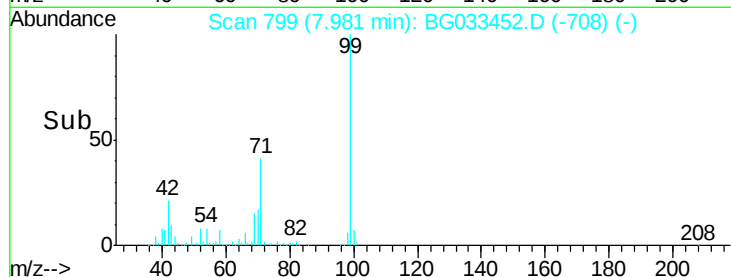
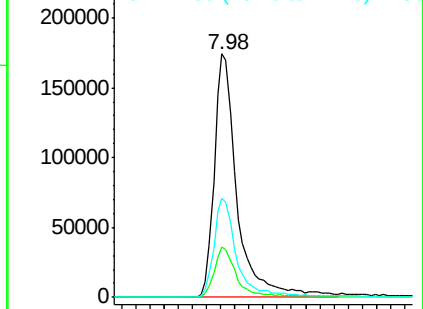
99 100

42 20.6 14.1 21.1

71 40.7 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: 11.75 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BG033452.D

Acq: 30 Mar 2018 17:37

Tgt Ion:136 Resp: 121797

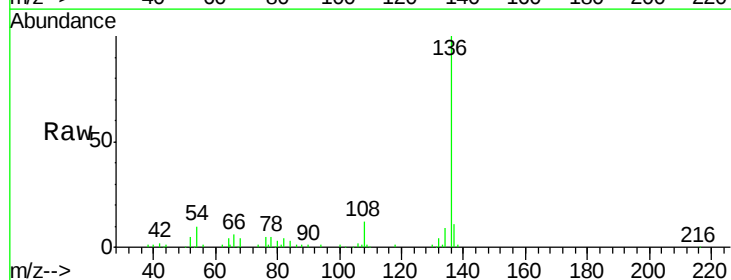
Ion Ratio Lower Upper

136 100

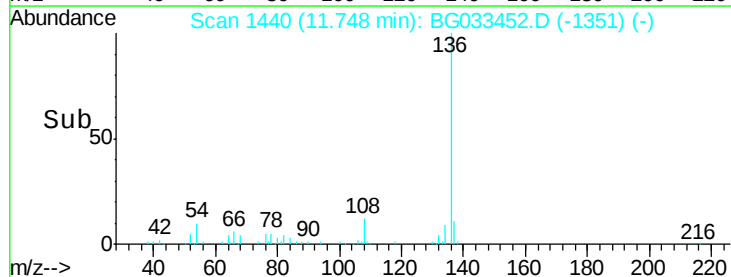
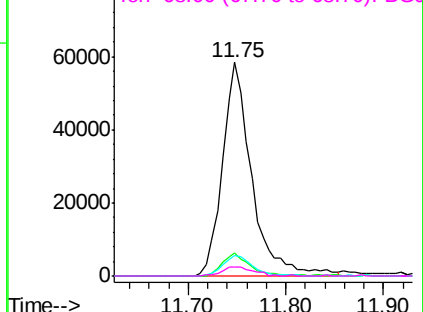
137 10.6 9.2 13.8

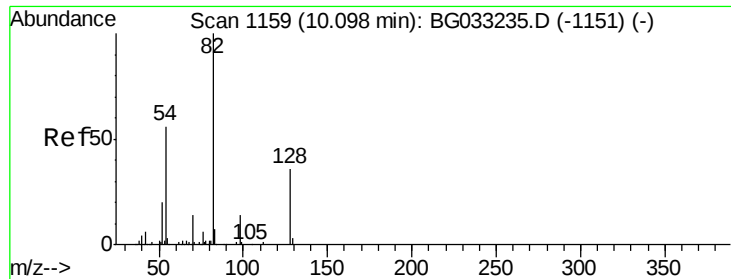
54 9.6 10.3 15.5#

68 4.4 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: 90.086 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BG033452.D

Acq: 30 Mar 2018 17:37

Instrument :

BNA_G

ClientSampleId :

PB107838BL

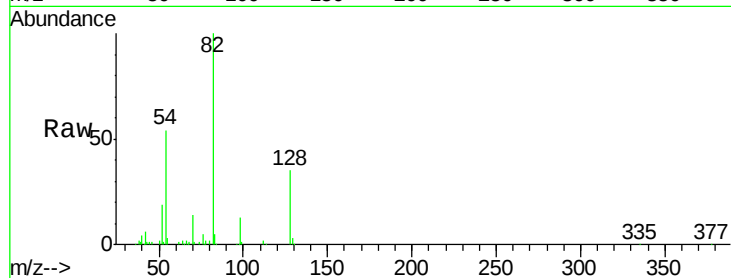
Tot Ion: 82 Resp: 238816

Ion Ratio Lower Upper

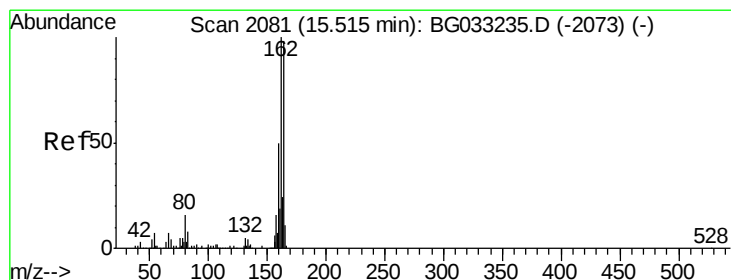
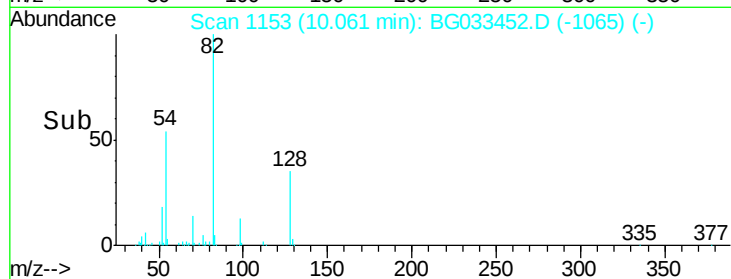
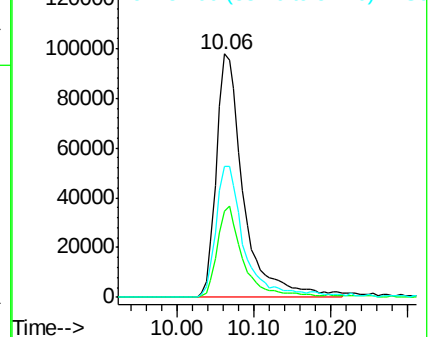
82 100

128 35.4 29.7 44.5

54 53.8 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: 15.48 min Scan# 2076

Delta R.T. -0.00 min

Lab File: BG033452.D

Acq: 30 Mar 2018 17:37

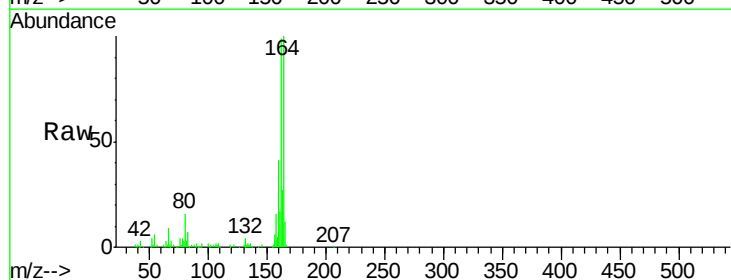
Tgt Ion: 164 Resp: 101060

Ion Ratio Lower Upper

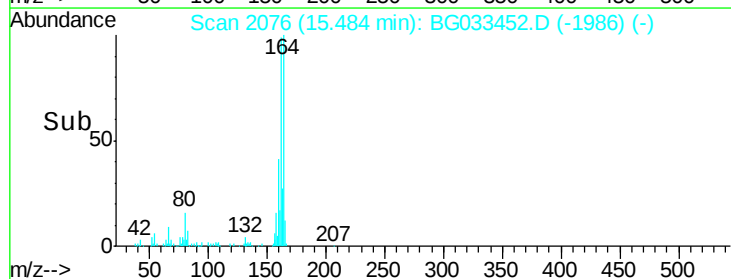
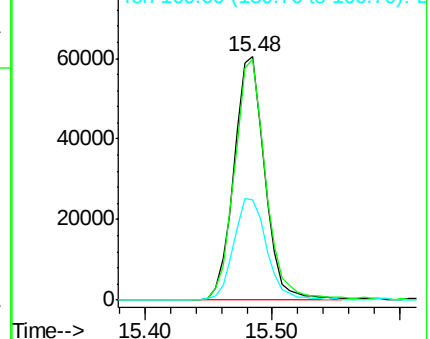
164 100

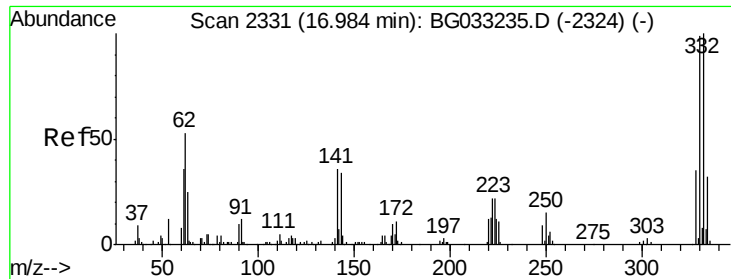
162 98.8 78.8 118.2

160 41.4 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

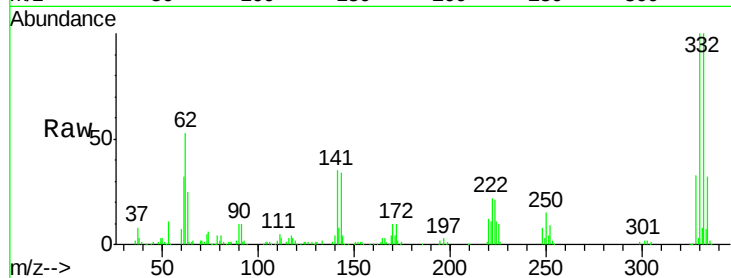




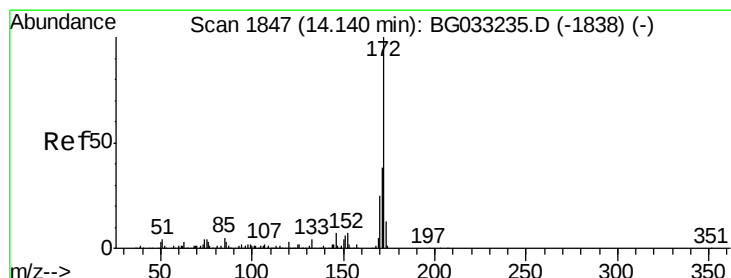
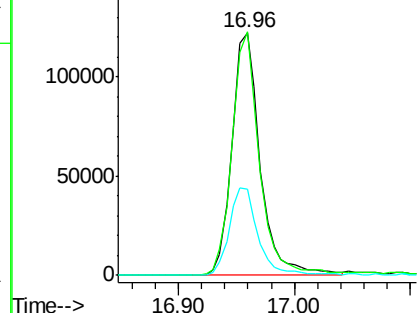
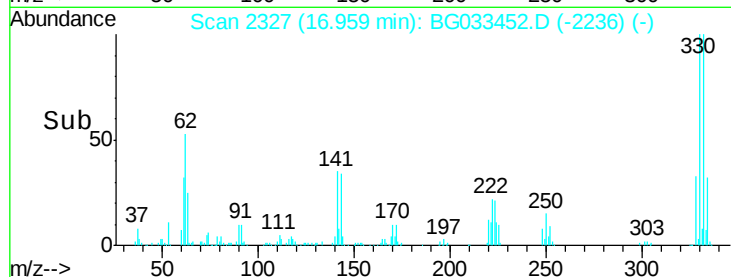
#41
 2,4,6-Tribromophenol
 Concen: 137.344 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033452.D
 Acq: 30 Mar 2018 17:37

Instrument :
 BNA_G
 ClientSampleId :
 PB107838BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	77.0	115.6
141	36.6	25.2	37.8

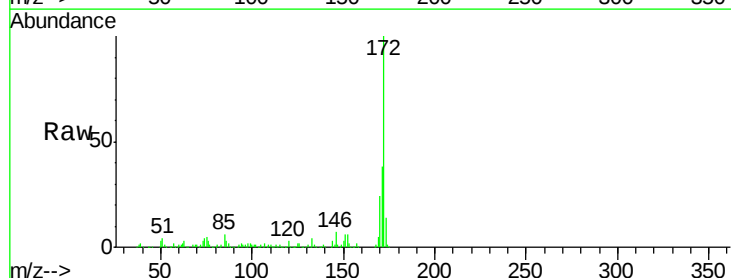


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

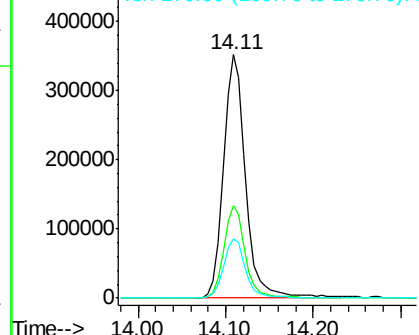
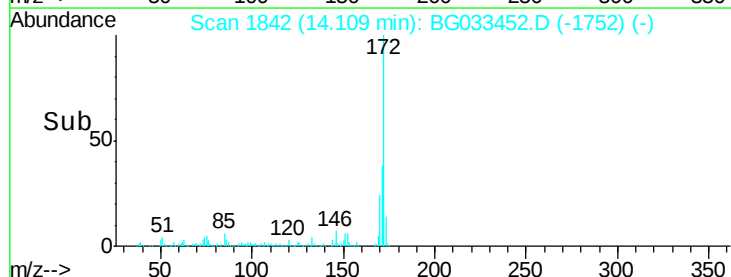


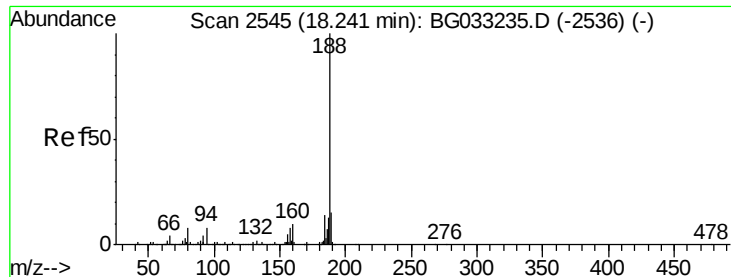
#44
 2-Fluorobiphenyl
 Concen: 87.809 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033452.D
 Acq: 30 Mar 2018 17:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	24.3	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

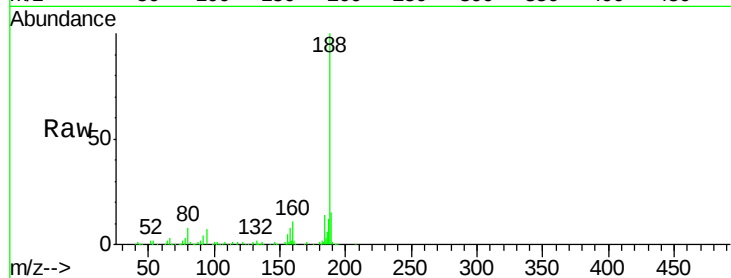




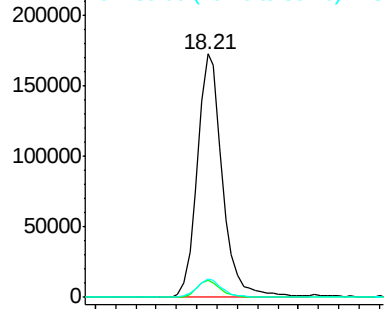
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033452.D
Acq: 30 Mar 2018 17:37

Instrument :
BNA_G
ClientSampleId :
PB107838BL

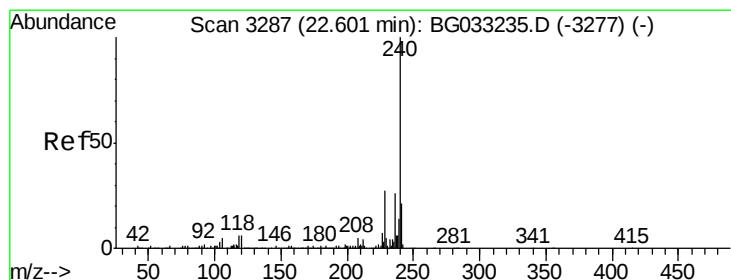
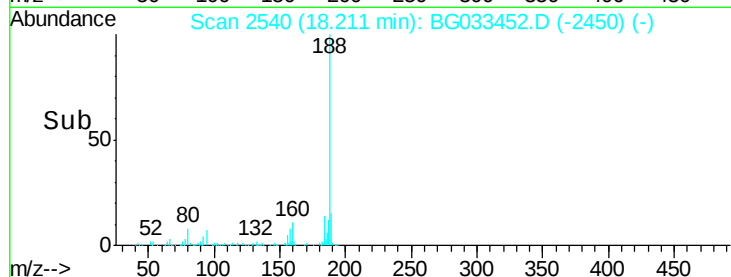
Tot Ion:188 Resp: 296641
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 7.6 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

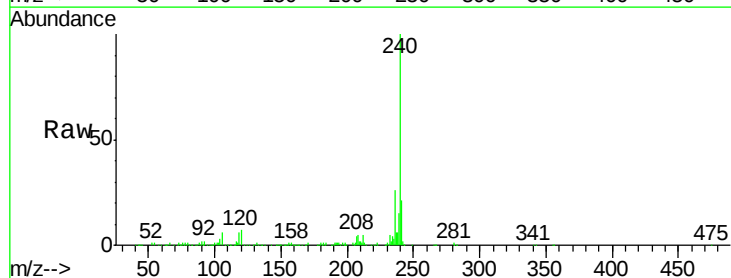


Time--> 18.10 18.20 18.30

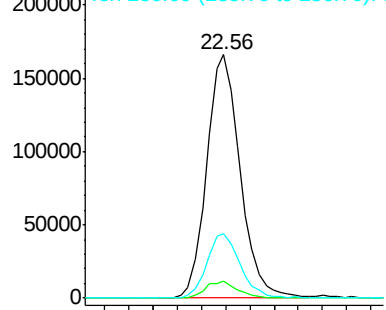


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.00 min
Lab File: BG033452.D
Acq: 30 Mar 2018 17:37

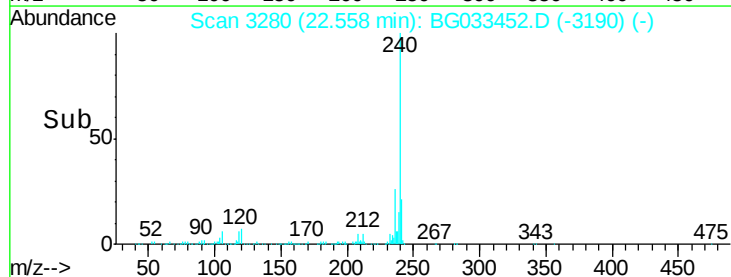
Tgt Ion:240 Resp: 320697
Ion Ratio Lower Upper
240 100
120 7.0 6.8 10.2
236 26.4 20.9 31.3

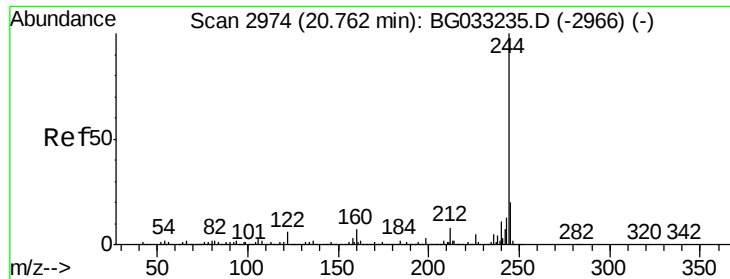


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 22.50 22.60





#78

Terphenyl-d14

Concen: 91.334 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033452.D

Acq: 30 Mar 2018 17:37

Instrument :

BNA_G

ClientSampleId :

PB107838BL

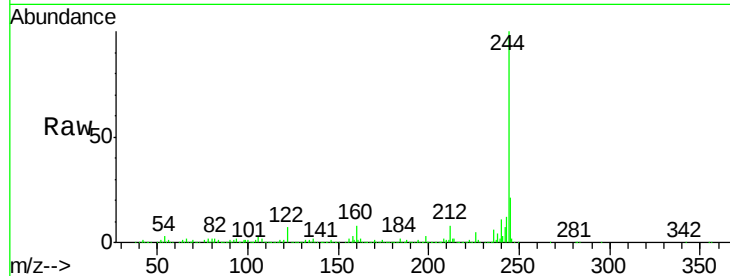
Tot Ion:244 Resp: 1369609

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

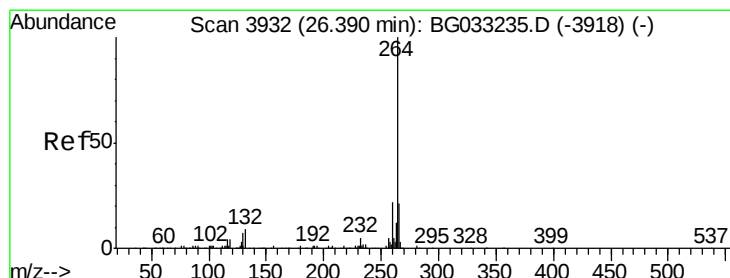
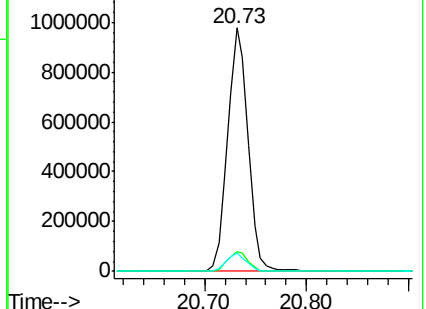
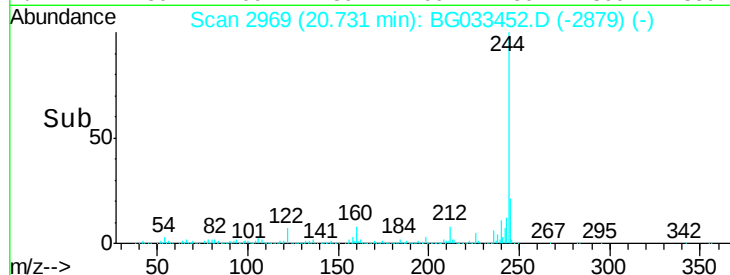
122 7.3 7.0 10.4



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: 26.32 min Scan# 3921

Delta R.T. -0.01 min

Lab File: BG033452.D

Acq: 30 Mar 2018 17:37

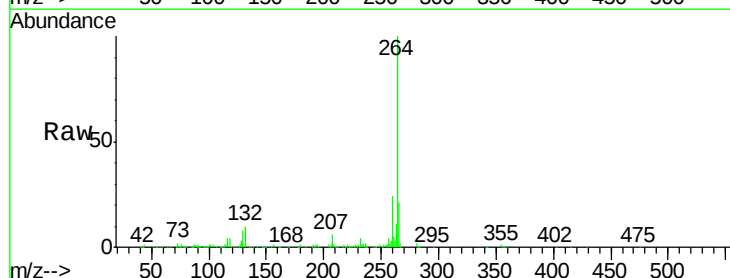
Tgt Ion:264 Resp: 346244

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 20.9 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

