

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033669.D
 Acq On : 7 Apr 2018 18:41
 Operator : SJ/JU
 Sample : PB108036BL
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108036BL

Quant Time: Apr 09 03:37:27 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33828	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	163768	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	127711	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	324035	20.00	ng	0.00
75) Chrysene-d12	22.55	240	329724	20.00	ng	0.00
86) Perylene-d12	26.32	264	324630	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	318946	176.79	ng	0.00
7) Phenol-d6	7.97	99	493133	159.09	ng	0.00
23) Nitrobenzene-d5	10.06	82	321471	90.19	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	217018	113.62	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	800843	90.53	ng	0.00
78) Terphenyl-d14	20.73	244	1415078	91.78	ng	0.00

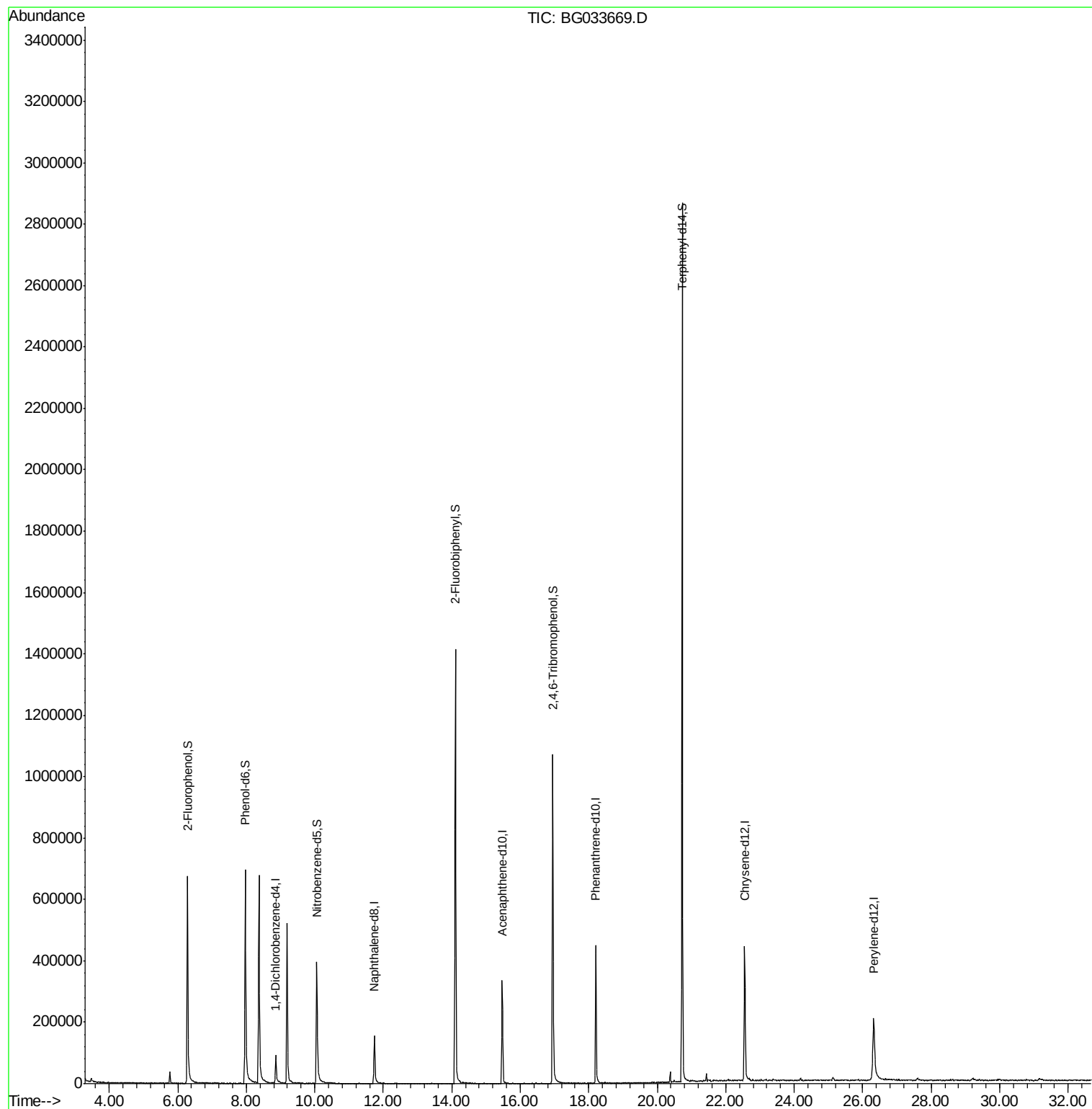
Target Compounds Qvalue

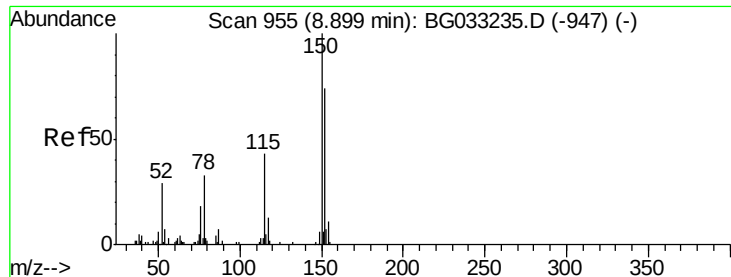
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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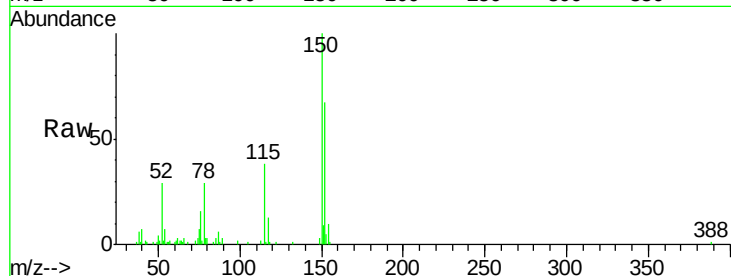


#1

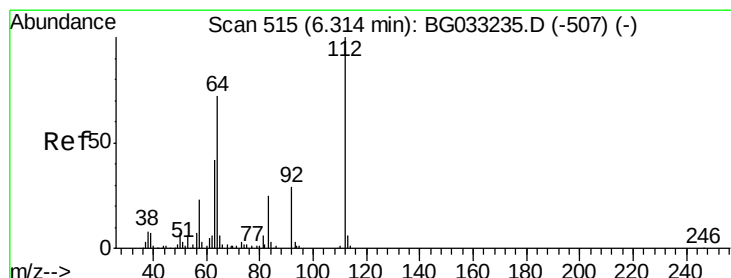
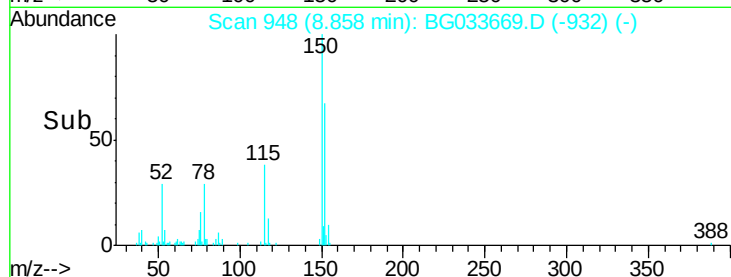
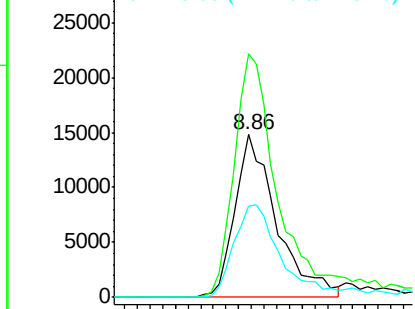
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033669.D
Acq: 7 Apr 2018 18:41

Instrument :
BNA_G
ClientSampleId :
PB108036BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.9	126.6	189.8
115	56.4	53.0	79.4



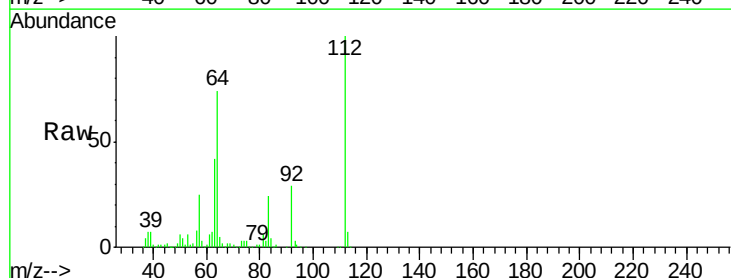
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



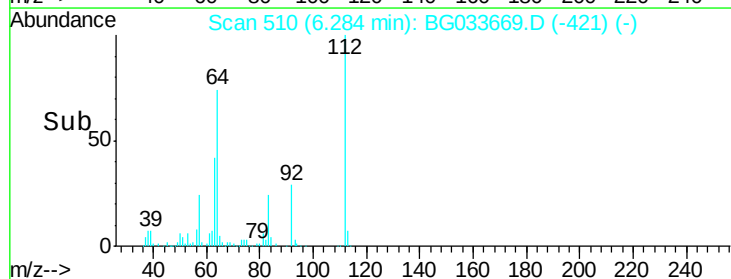
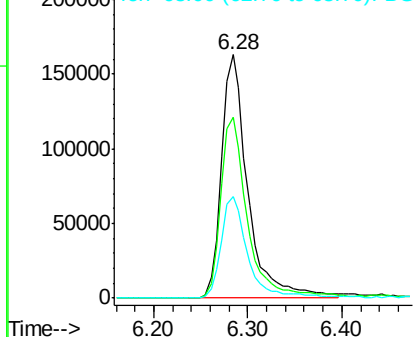
#5

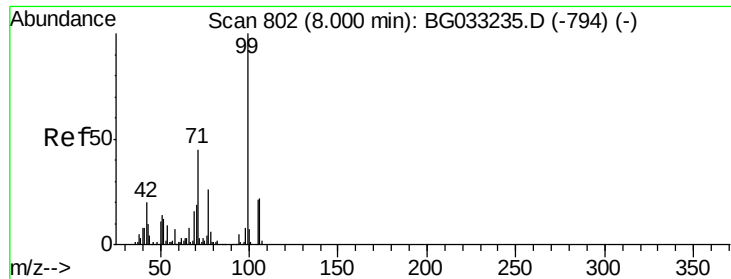
2-Fluorophenol
Concen: 176.795 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033669.D
Acq: 7 Apr 2018 18:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.4	56.3	84.5
63	41.9	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: 159.090 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033669.D

Acq: 7 Apr 2018 18:41

Instrument :

BNA_G

ClientSampleId :

PB108036BL

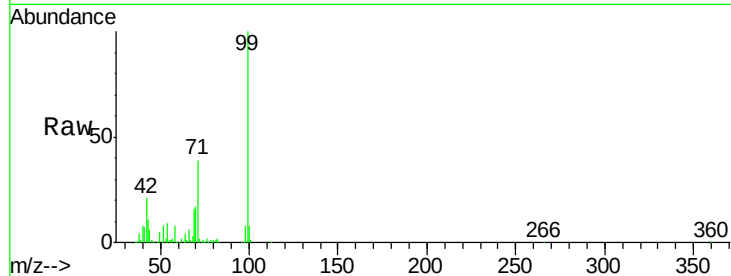
Tot Ion: 99 Resp: 493133

Ion Ratio Lower Upper

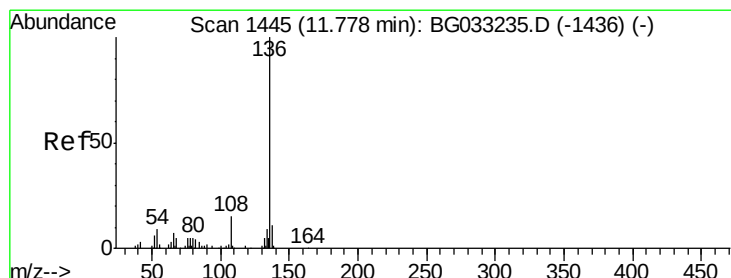
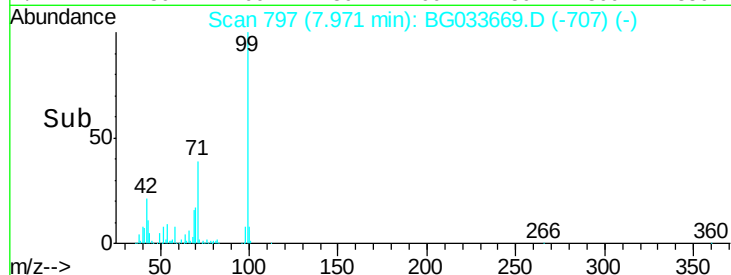
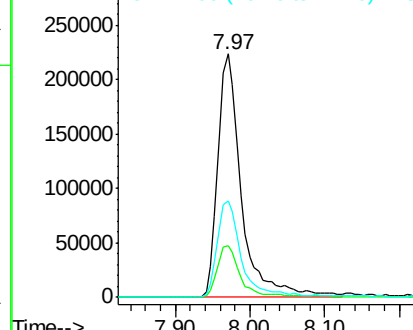
99 100

42 21.2 14.1 21.1#

71 39.5 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: 11.74 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BG033669.D

Acq: 7 Apr 2018 18:41

Tgt Ion: 136 Resp: 163768

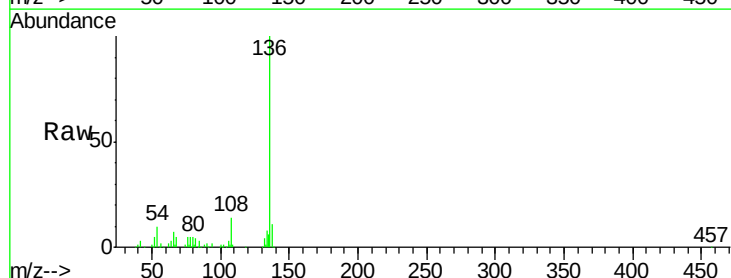
Ion Ratio Lower Upper

136 100

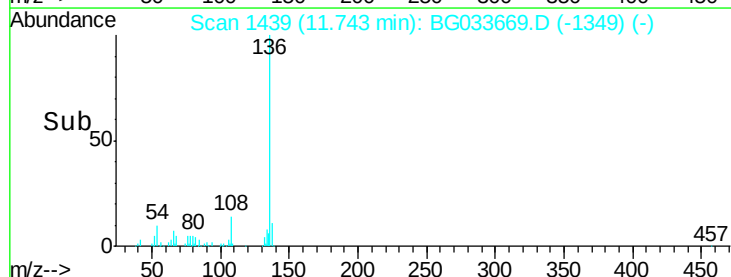
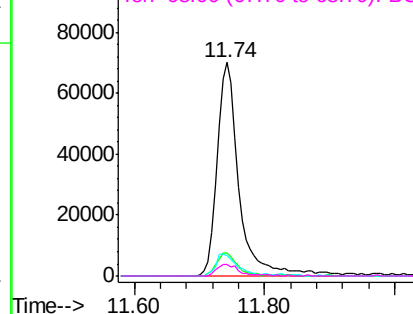
137 10.8 9.2 13.8

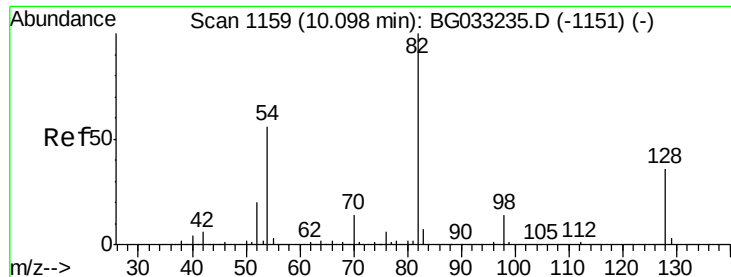
54 9.8 10.3 15.5#

68 5.4 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

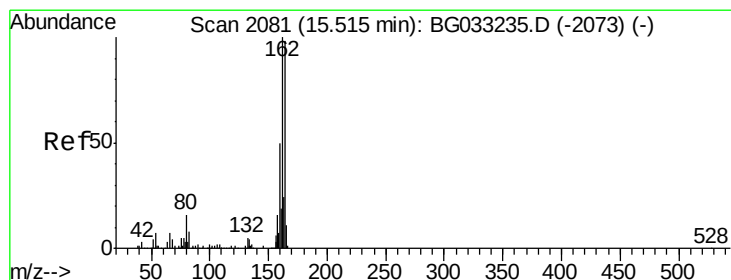
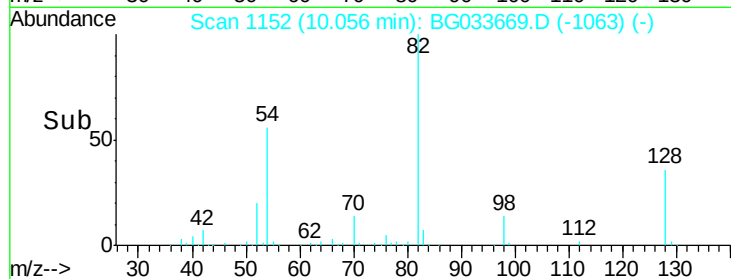
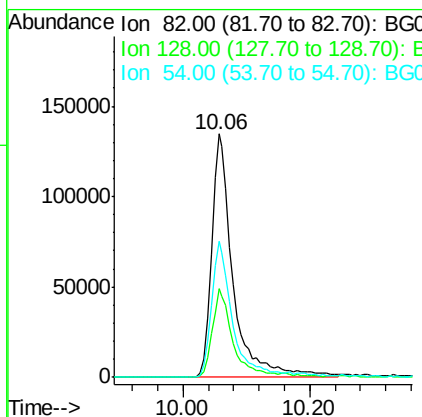
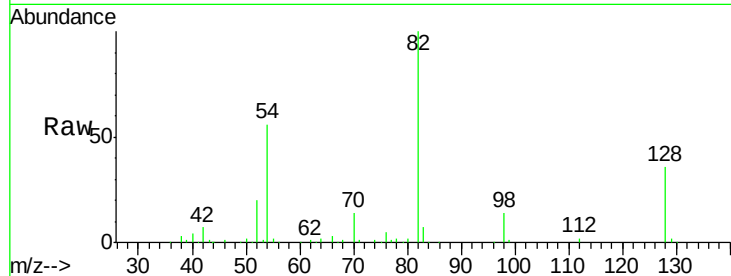




#23
 Nitrobenzene-d5
 Concen: 90.187 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BG033669.D
 Acq: 7 Apr 2018 18:41

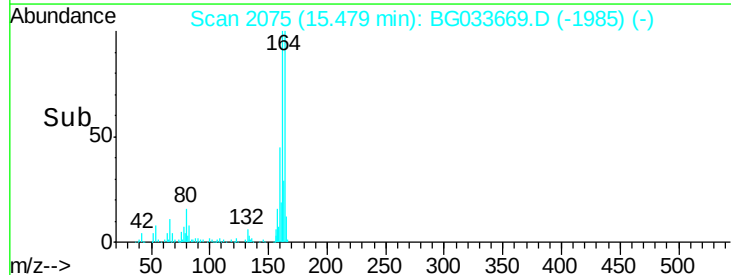
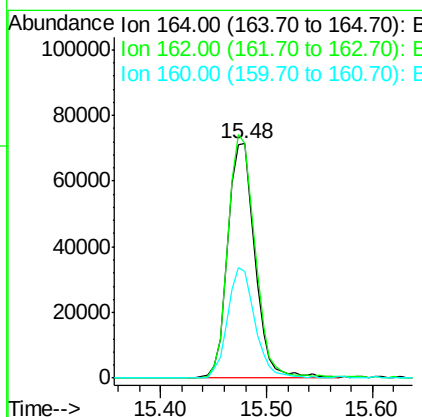
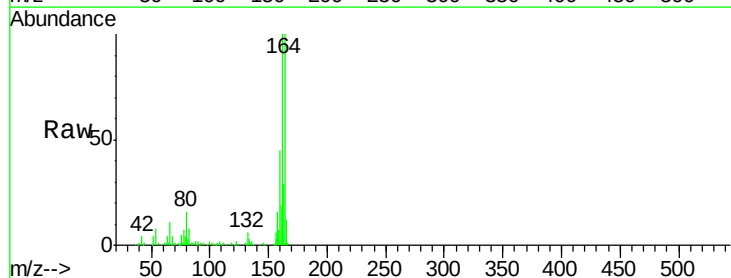
Instrument :
 BNA_G
 ClientSampleId :
 PB108036BL

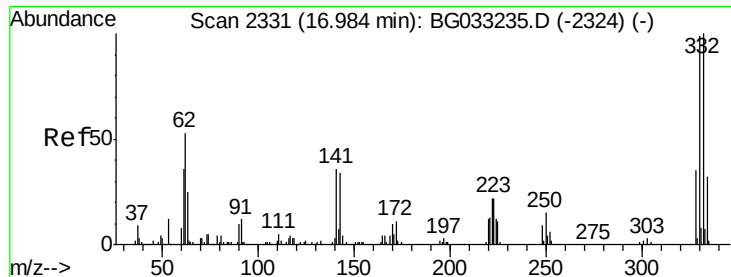
Tot Ion: 82 Resp: 321471
 Ion Ratio Lower Upper
 82 100
 128 36.3 29.7 44.5
 54 55.9 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG033669.D
 Acq: 7 Apr 2018 18:41

Tgt Ion: 164 Resp: 127711
 Ion Ratio Lower Upper
 164 100
 162 100.2 78.8 118.2
 160 45.4 35.4 53.0

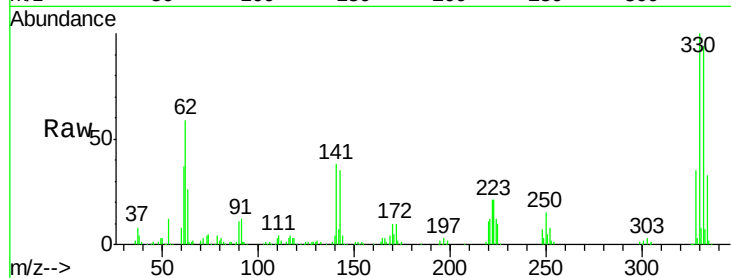




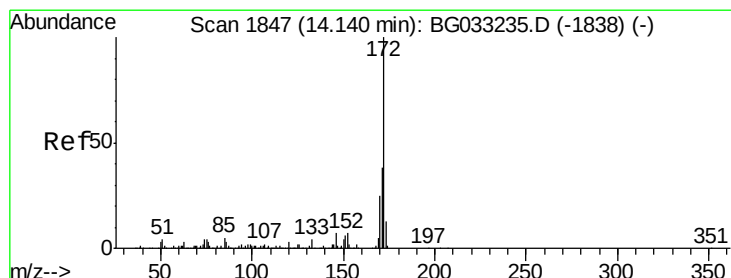
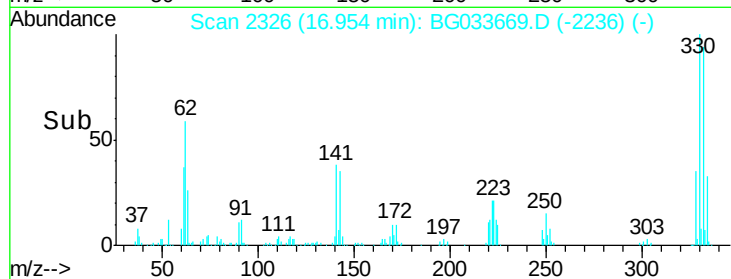
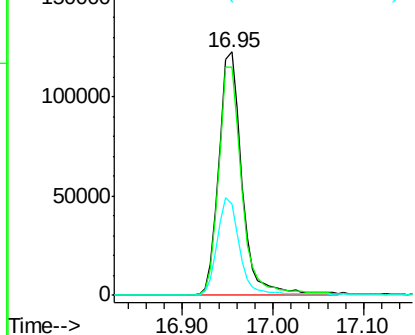
#41
 2,4,6-Tribromophenol
 Concen: 113.618 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033669.D
 Acq: 7 Apr 2018 18:41

Instrument :
 BNA_G
 ClientSampleId :
 PB108036BL

Tot Ion:330 Resp: 217018
 Ion Ratio Lower Upper
 330 100
 332 93.1 77.0 115.6
 141 38.9 25.2 37.8#

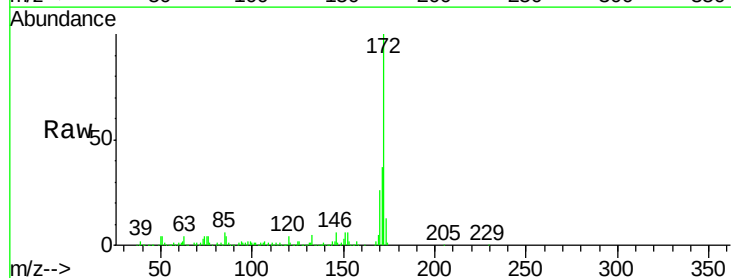


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

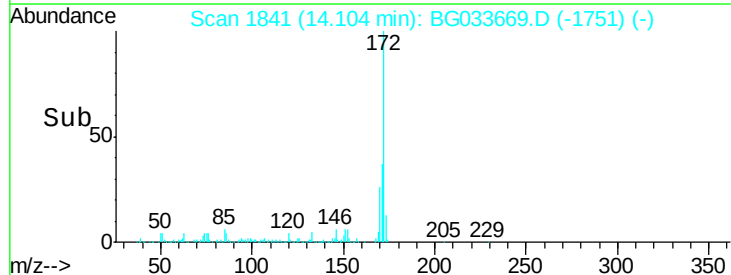
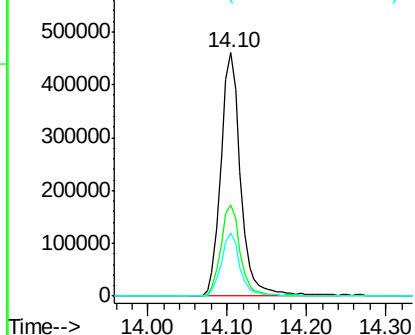


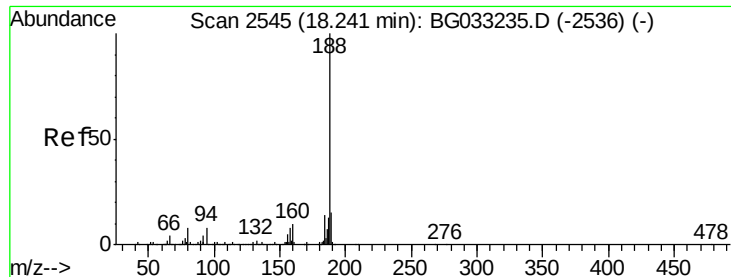
#44
 2-Fluorobiphenyl
 Concen: 90.527 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033669.D
 Acq: 7 Apr 2018 18:41

Tgt Ion:172 Resp: 800843
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.0 45.0
 170 26.0 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# 2539

Delta R.T. -0.01 min

Lab File: BG033669.D

Acq: 7 Apr 2018 18:41

Instrument :

BNA_G

ClientSampleId :

PB108036BL

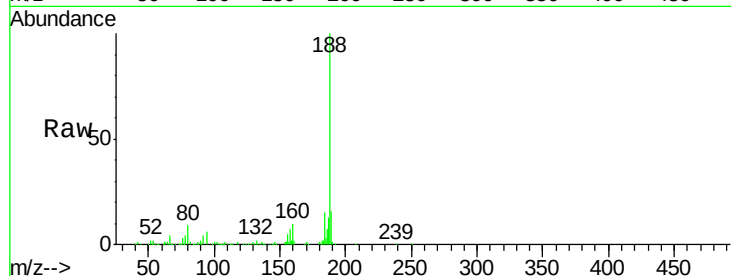
Tot Ion:188 Resp: 324035

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

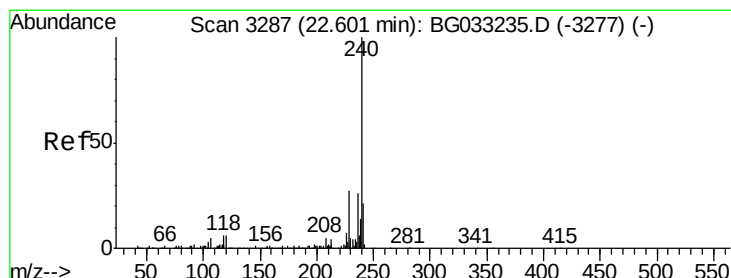
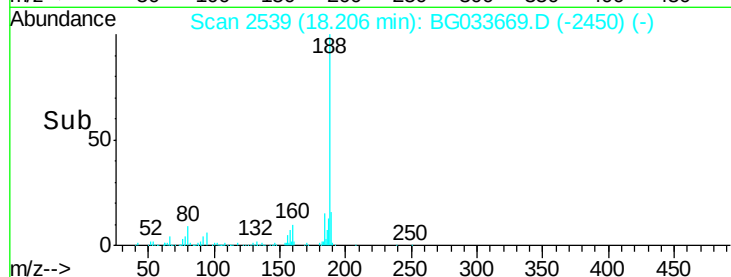
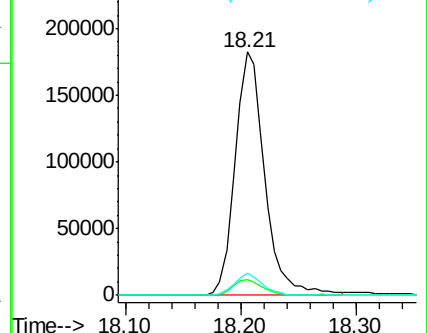
80 9.4 7.7 11.5



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: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033669.D

Acq: 7 Apr 2018 18:41

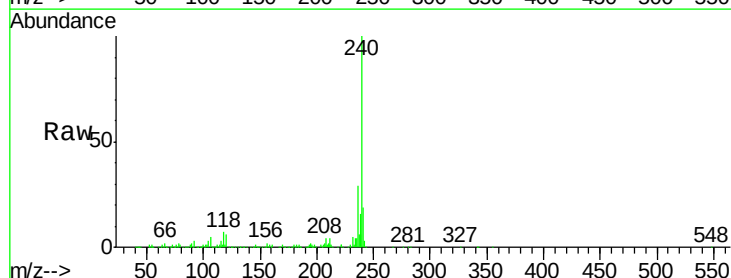
Tgt Ion:240 Resp: 329724

Ion Ratio Lower Upper

240 100

120 6.5 6.8 10.2#

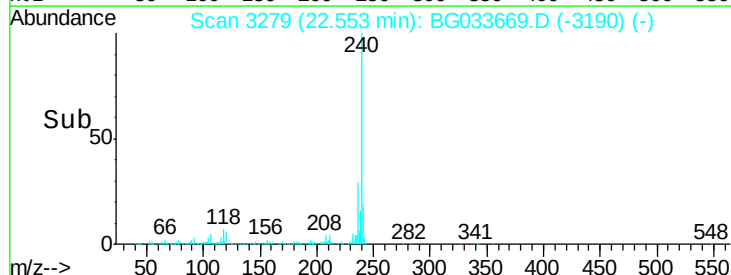
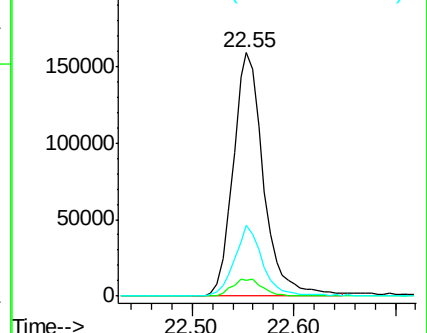
236 29.3 20.9 31.3

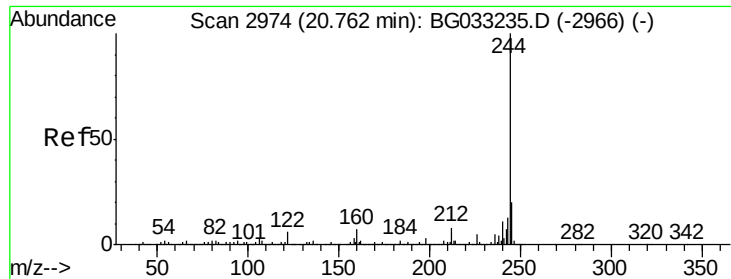


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.783 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033669.D

Acq: 7 Apr 2018 18:41

Instrument :

BNA_G

ClientSampleId :

PB108036BL

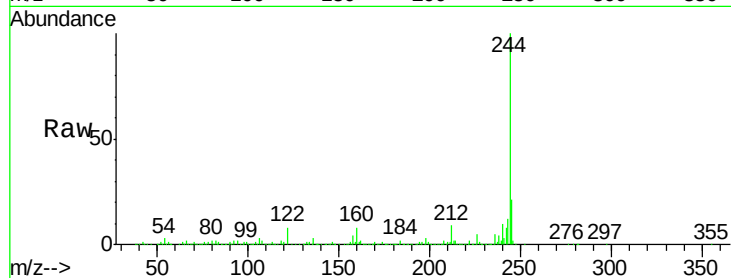
Tot Ion:244 Resp: 1415078

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

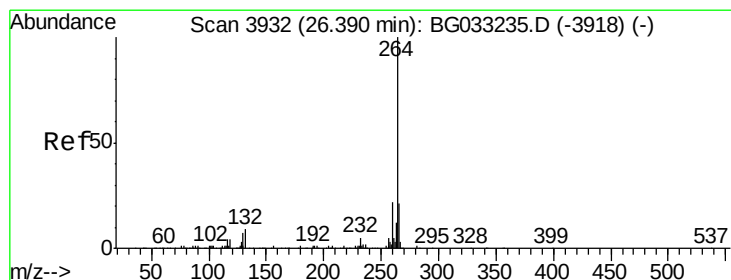
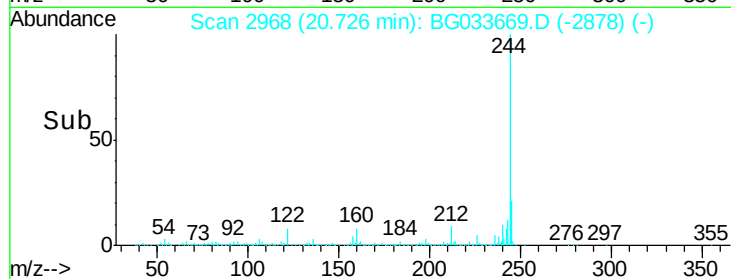
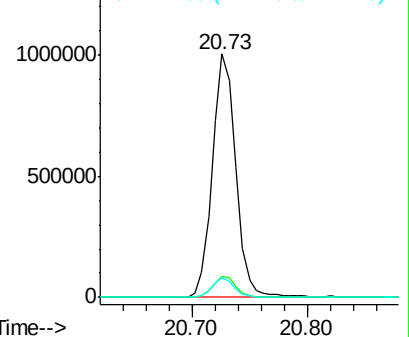
122 7.9 7.0 10.4



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# 3920

Delta R.T. -0.00 min

Lab File: BG033669.D

Acq: 7 Apr 2018 18:41

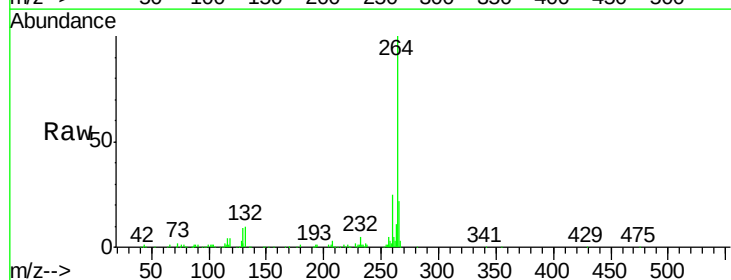
Tgt Ion:264 Resp: 324630

Ion Ratio Lower Upper

264 100

260 25.4 17.4 26.0

265 22.4 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

