

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033644.D
 Acq On : 7 Apr 2018 1:05
 Operator : SJ/JU
 Sample : PB108056TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108056TB

Quant Time: Apr 07 03:27:04 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	35087	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	153122	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	126761	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	322716	20.00	ng	0.00
75) Chrysene-d12	22.56	240	319881	20.00	ng	0.00
86) Perylene-d12	26.32	264	305126	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	329330	176.00	ng	0.00
7) Phenol-d6	7.97	99	511151	158.99	ng	0.00
23) Nitrobenzene-d5	10.06	82	319677	95.92	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	203352	107.26	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	799193	91.02	ng	0.00
78) Terphenyl-d14	20.73	244	1424740	95.25	ng	0.00

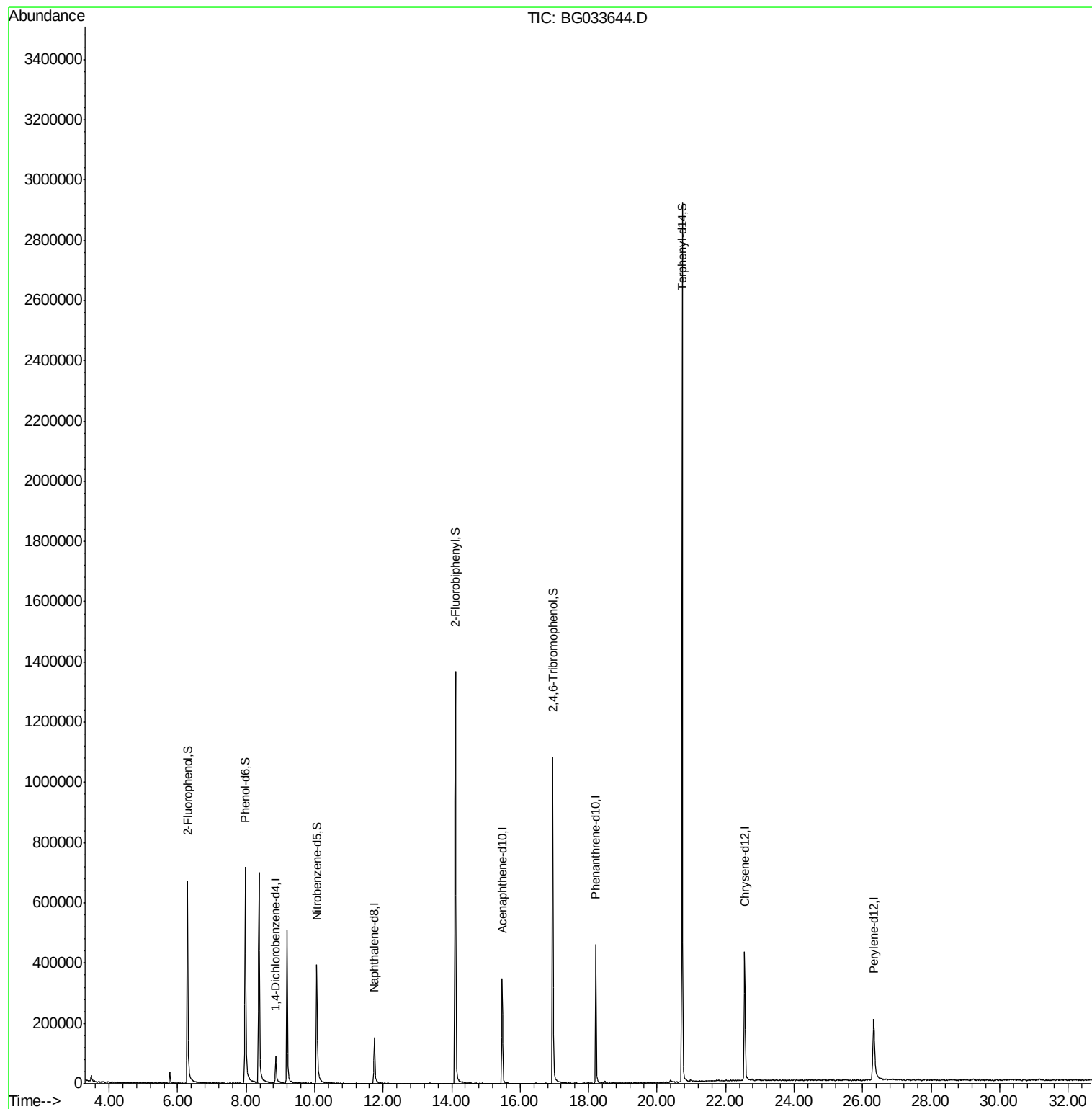
Target Compounds Qvalue

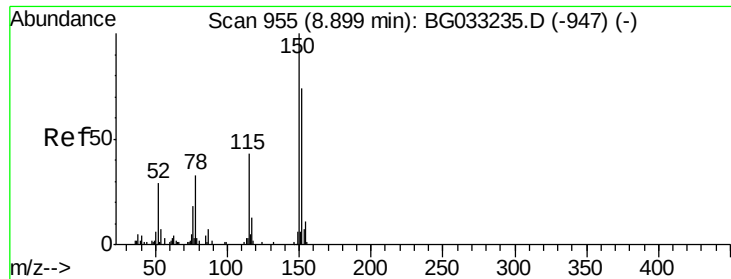
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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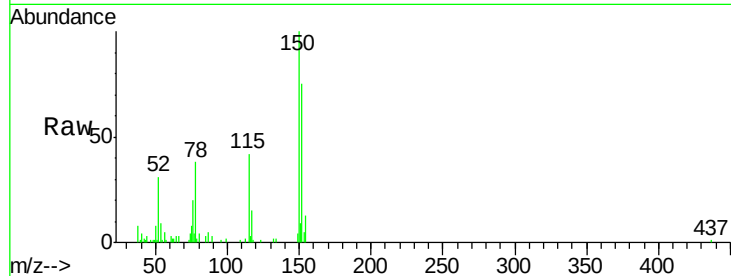


#1

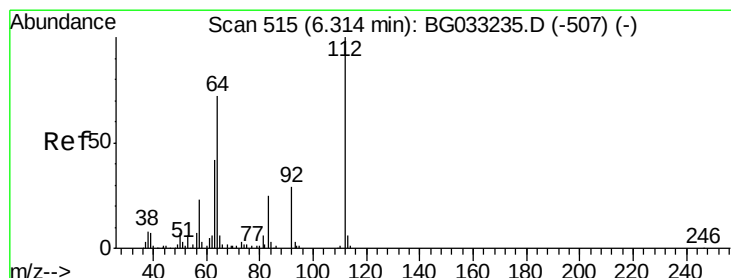
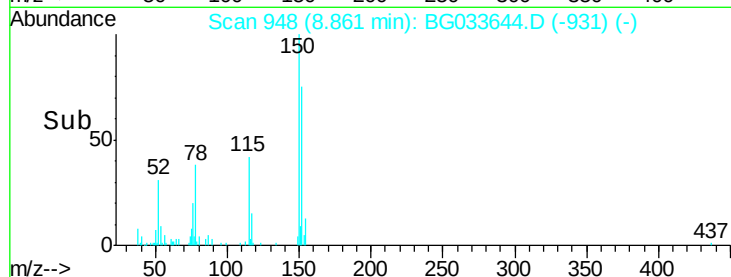
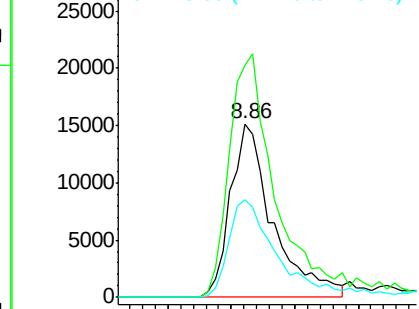
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG033644.D
Acq: 7 Apr 2018 1:05

Instrument :
BNA_G
ClientSampleId :
PB108056TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	133.8	126.6	189.8
115	56.3	53.0	79.4



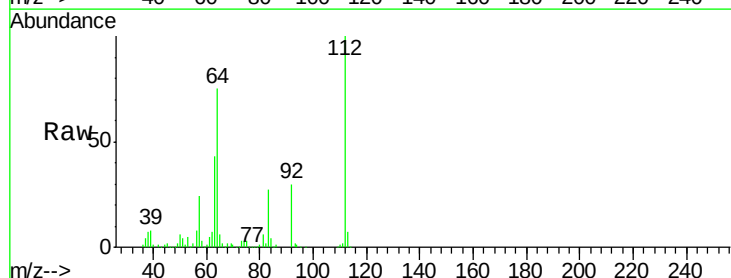
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



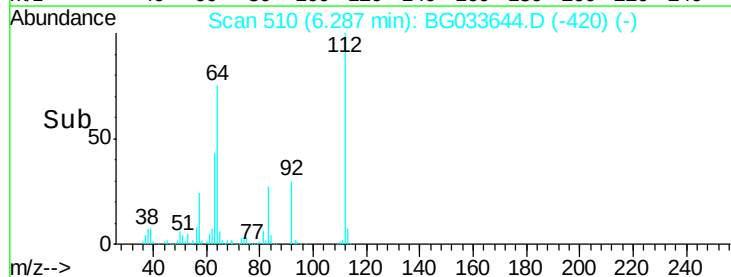
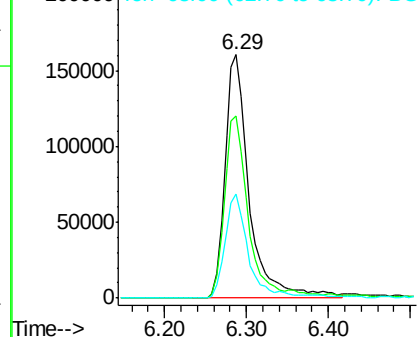
#5

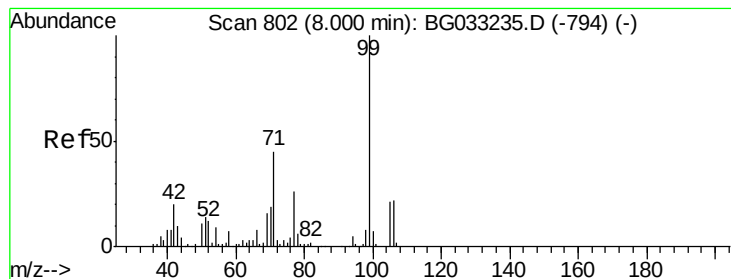
2-Fluorophenol
Concen: 176.001 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033644.D
Acq: 7 Apr 2018 1:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.9	56.3	84.5
63	42.6	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: 158.985 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033644.D

Acq: 7 Apr 2018 1:05

Instrument :

BNA_G

ClientSampleId :

PB108056TB

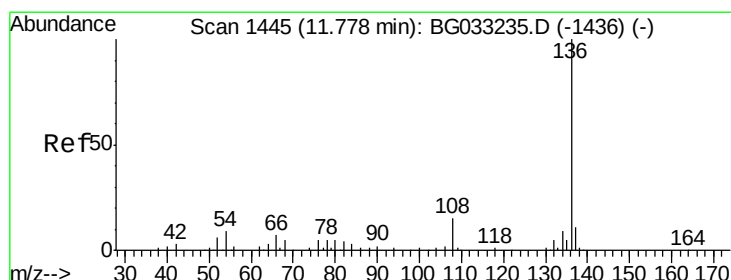
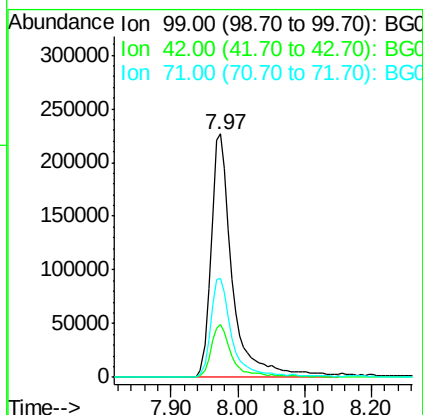
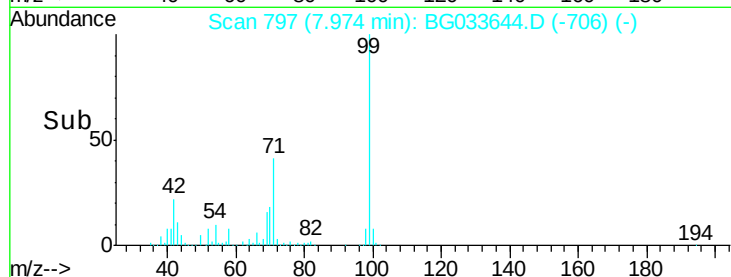
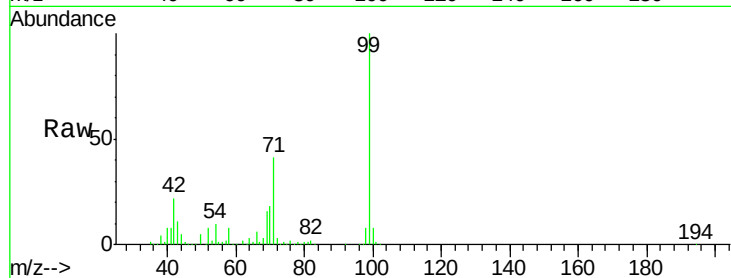
Tot Ion: 99 Resp: 511151

Ion Ratio Lower Upper

99 100

42 22.0 14.1 21.1#

71 40.9 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.74 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BG033644.D

Acq: 7 Apr 2018 1:05

Tgt Ion: 136 Resp: 153122

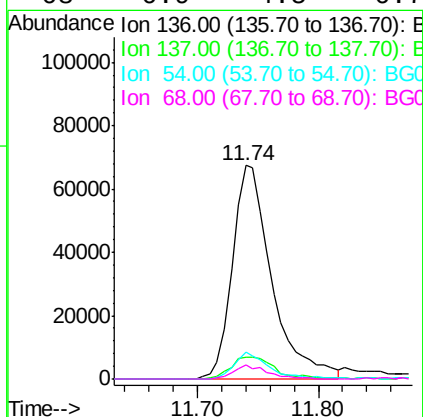
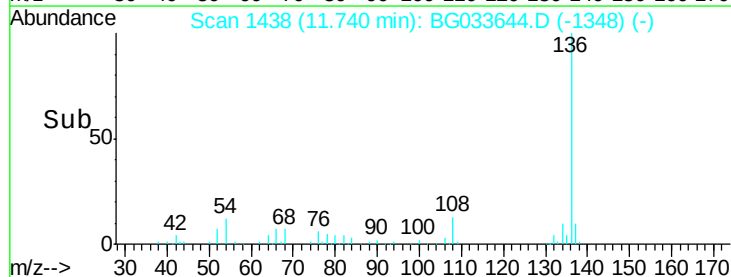
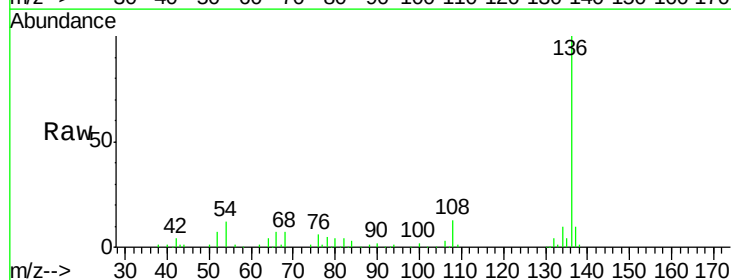
Ion Ratio Lower Upper

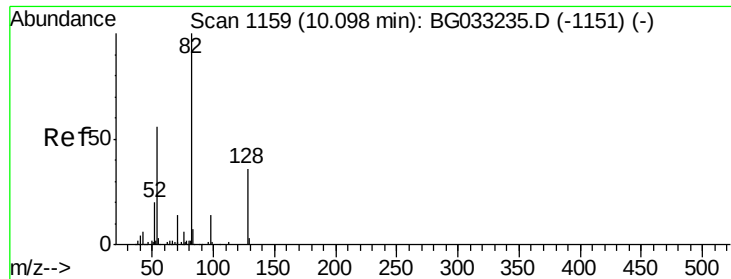
136 100

137 10.0 9.2 13.8

54 12.3 10.3 15.5

68 6.9 4.5 6.7#

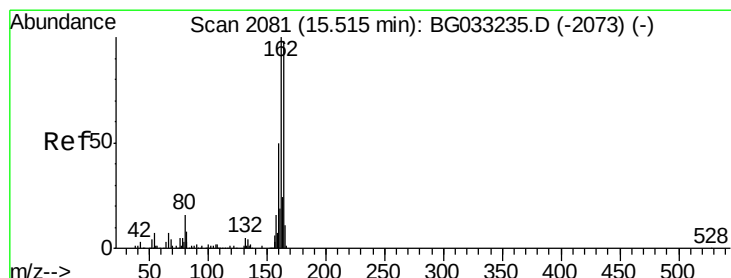
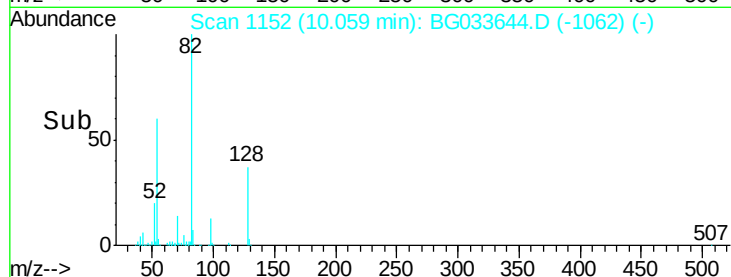
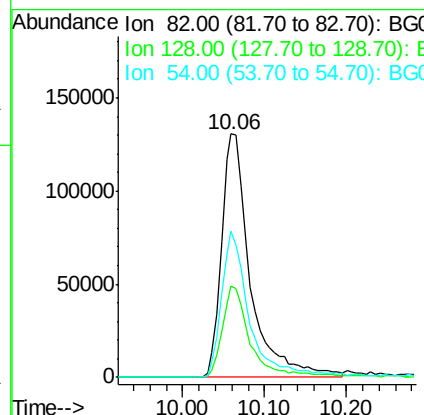
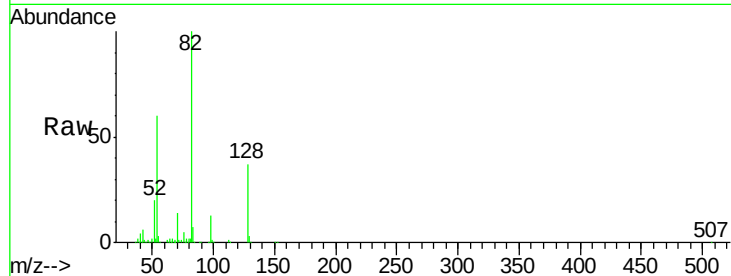




#23
 Nitrobenzene-d5
 Concen: 95.919 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG033644.D
 Acq: 7 Apr 2018 1:05

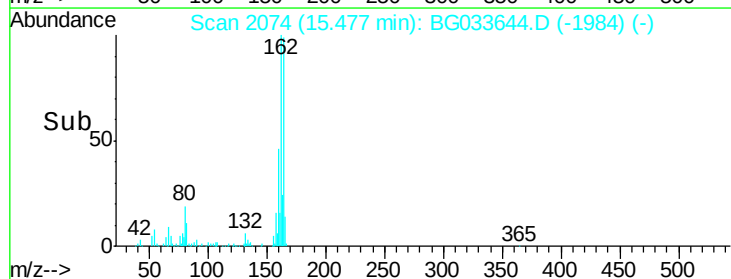
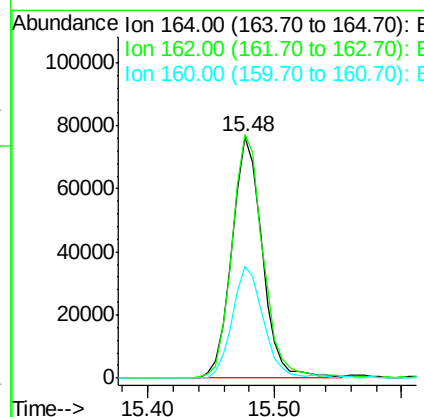
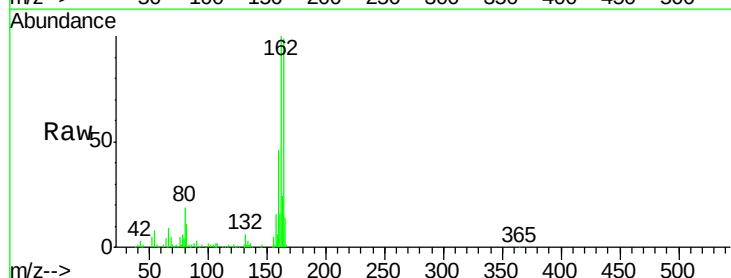
Instrument :
 BNA_G
 ClientSampleId :
 PB108056TB

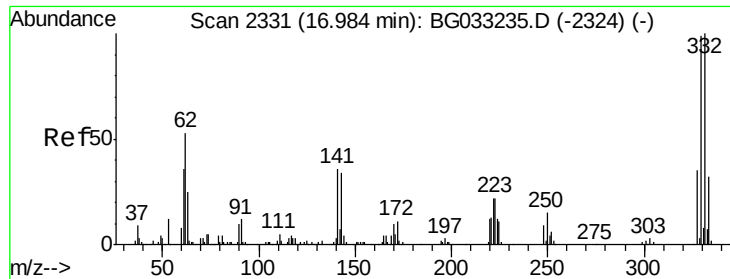
Tot Ion: 82 Resp: 319677
 Ion Ratio Lower Upper
 82 100
 128 37.3 29.7 44.5
 54 60.3 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG033644.D
 Acq: 7 Apr 2018 1:05

Tgt Ion: 164 Resp: 126761
 Ion Ratio Lower Upper
 164 100
 162 100.9 78.8 118.2
 160 46.1 35.4 53.0

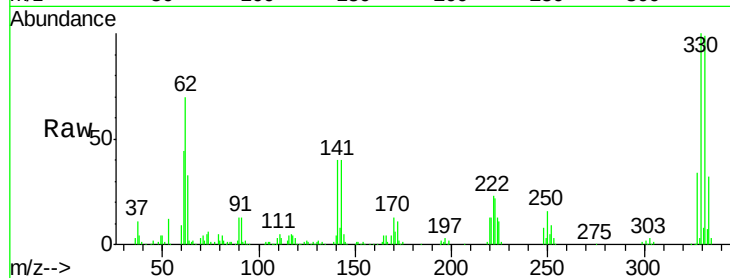




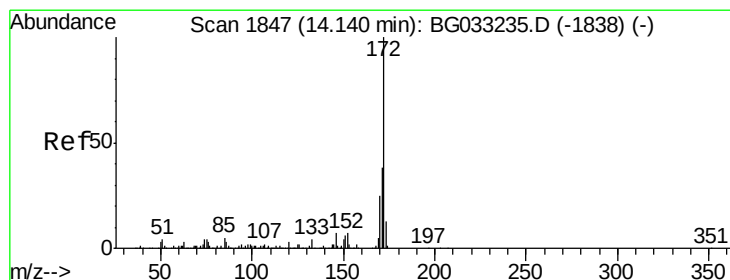
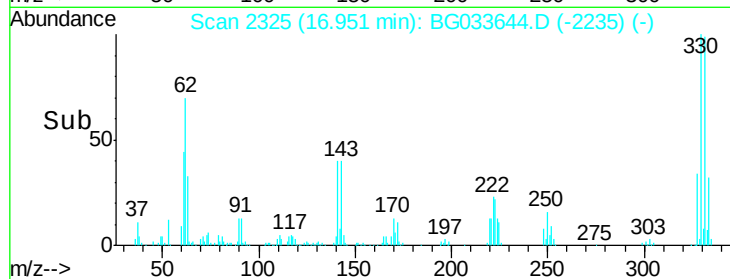
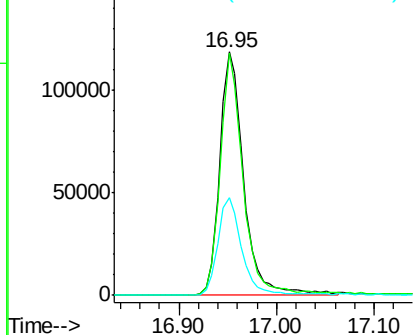
#41
 2,4,6-Tribromophenol
 Concen: 107.261 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033644.D
 Acq: 7 Apr 2018 1:05

Instrument :
 BNA_G
 ClientSampleId :
 PB108056TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.2	77.0	115.6
141	40.5	25.2	37.8#

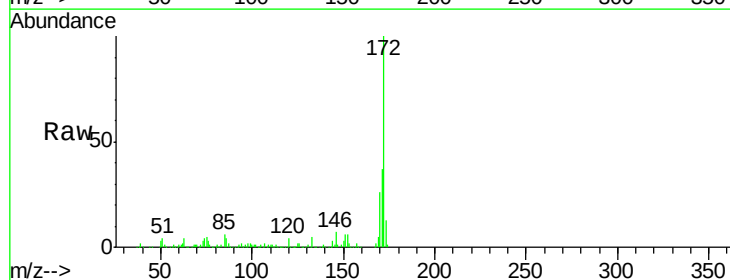


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

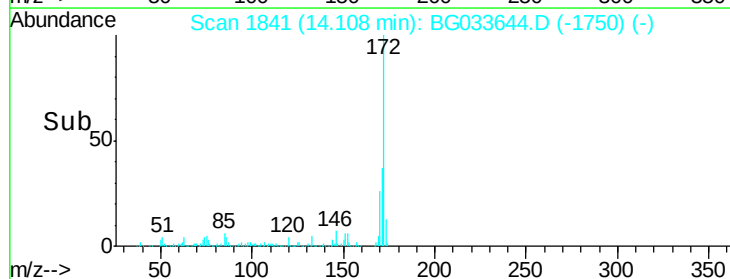
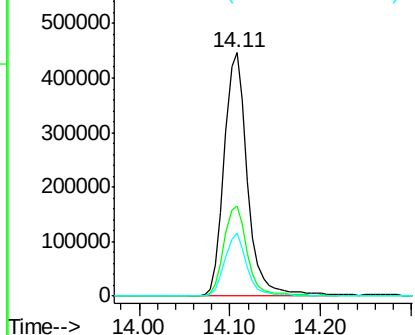


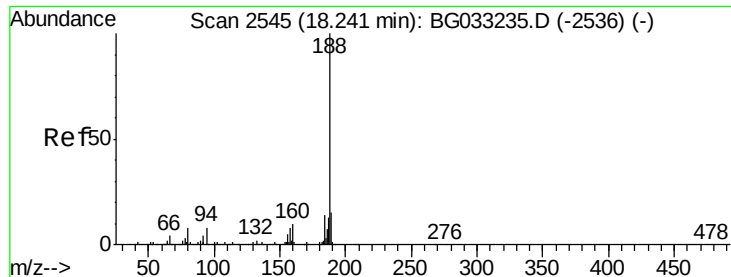
#44
 2-Fluorobiphenyl
 Concen: 91.017 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033644.D
 Acq: 7 Apr 2018 1:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	25.9	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. -0.00 min

Lab File: BG033644.D

Acq: 7 Apr 2018 1:05

Instrument :

BNA_G

ClientSampleId :

PB108056TB

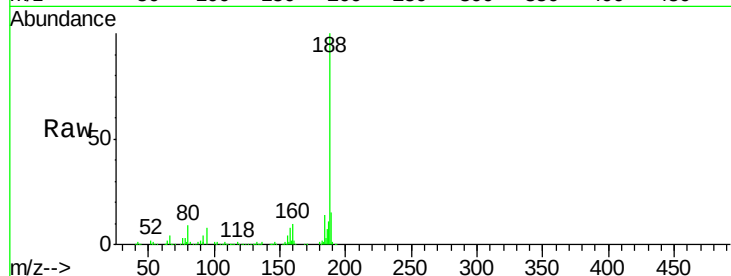
Tot Ion:188 Resp: 322716

Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

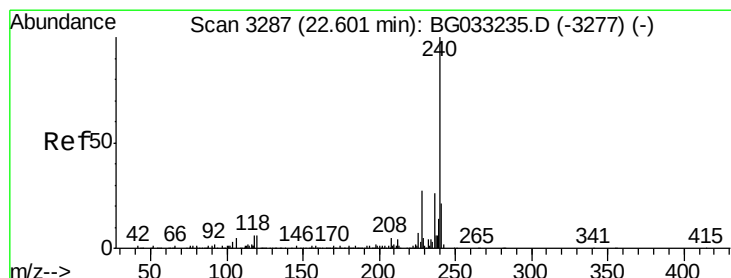
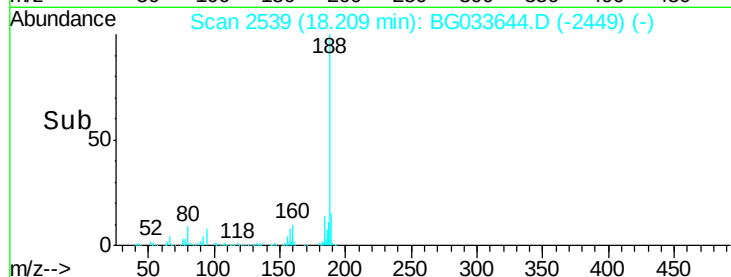
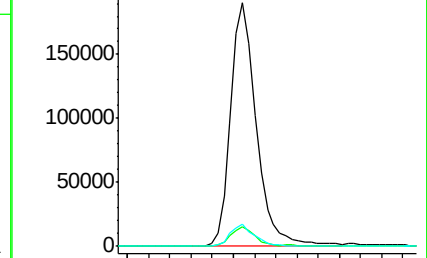
80 9.1 7.7 11.5



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: 22.56 min Scan# 3279

Delta R.T. -0.00 min

Lab File: BG033644.D

Acq: 7 Apr 2018 1:05

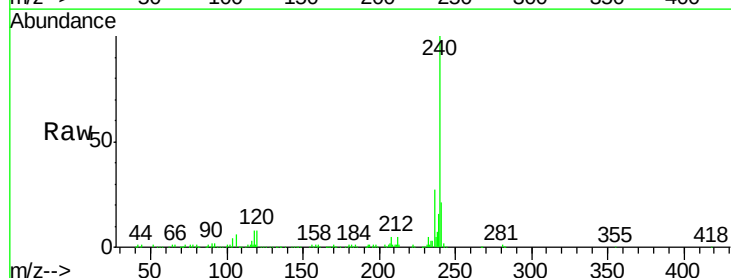
Tgt Ion:240 Resp: 319881

Ion Ratio Lower Upper

240 100

120 7.9 6.8 10.2

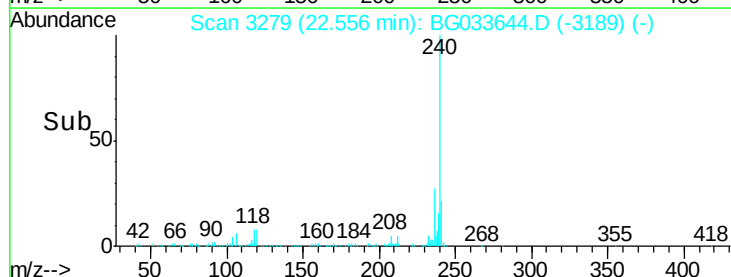
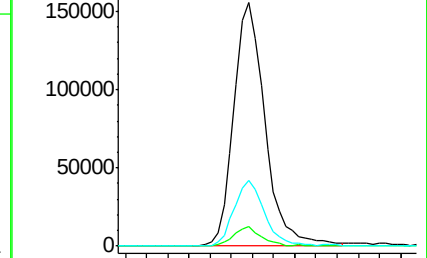
236 26.8 20.9 31.3

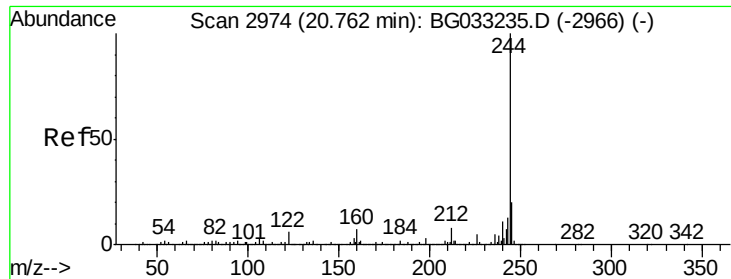


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.253 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033644.D

Acq: 7 Apr 2018 1:05

Instrument :

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ClientSampleId :

PB108056TB

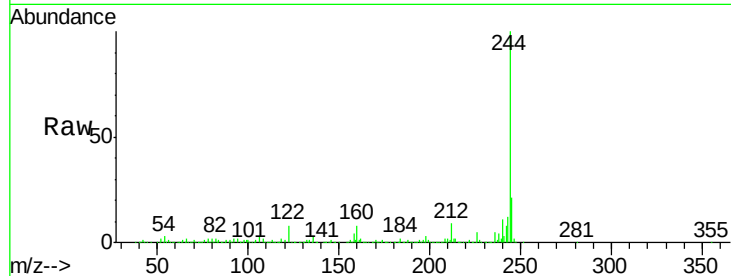
Tot Ion:244 Resp: 1424740

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8

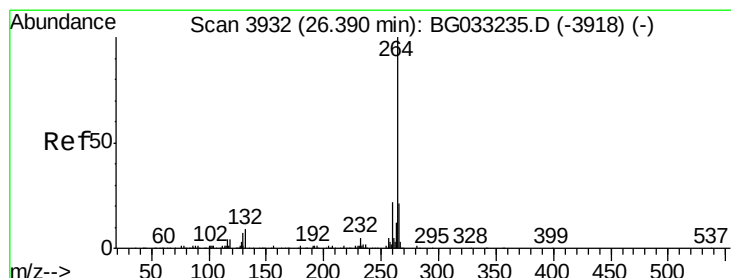
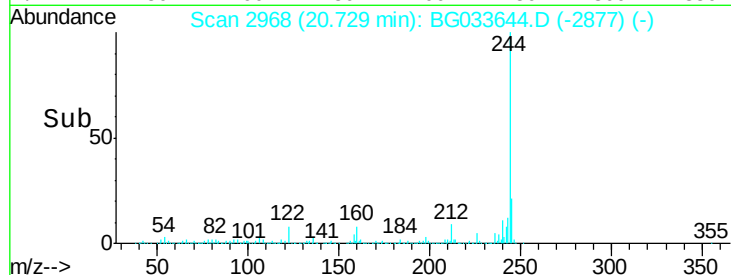
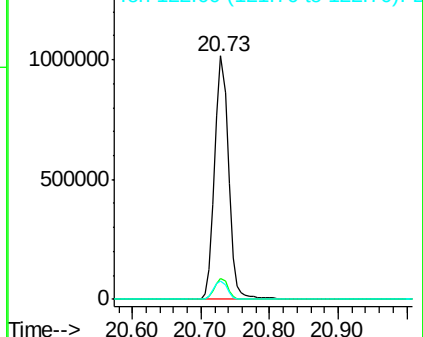
122 7.8 7.0 10.4



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: BG033644.D

Acq: 7 Apr 2018 1:05

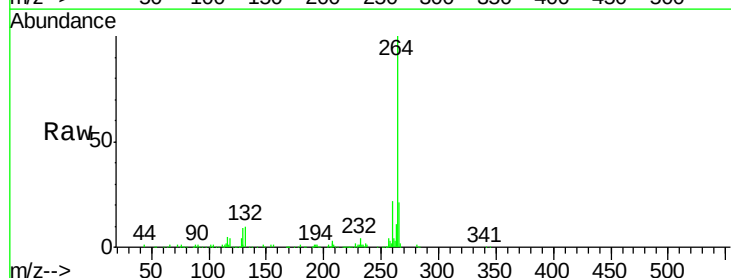
Tgt Ion:264 Resp: 305126

Ion Ratio Lower Upper

264 100

260 21.7 17.4 26.0

265 20.7 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

