

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
 Data File : BG033308.D
 Acq On : 22 Mar 2018 23:35
 Operator : SJ/JU
 Sample : PB107545TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107545TB

Quant Time: Mar 23 05:17:47 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 17:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	34669	20.00	ng	0.00
21) Naphthalene-d8	11.77	136	144880	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	117427	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	322890	20.00	ng	0.00
75) Chrysene-d12	22.59	240	325665	20.00	ng	0.00
86) Perylene-d12	26.39	264	336885	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	326943	176.83	ng	0.00
7) Phenol-d6	7.99	99	482913	152.01	ng	0.00
23) Nitrobenzene-d5	10.09	82	307119	97.39	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	206448	117.55	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	772636	94.99	ng	0.00
78) Terphenyl-d14	20.76	244	1536168	100.88	ng	0.00

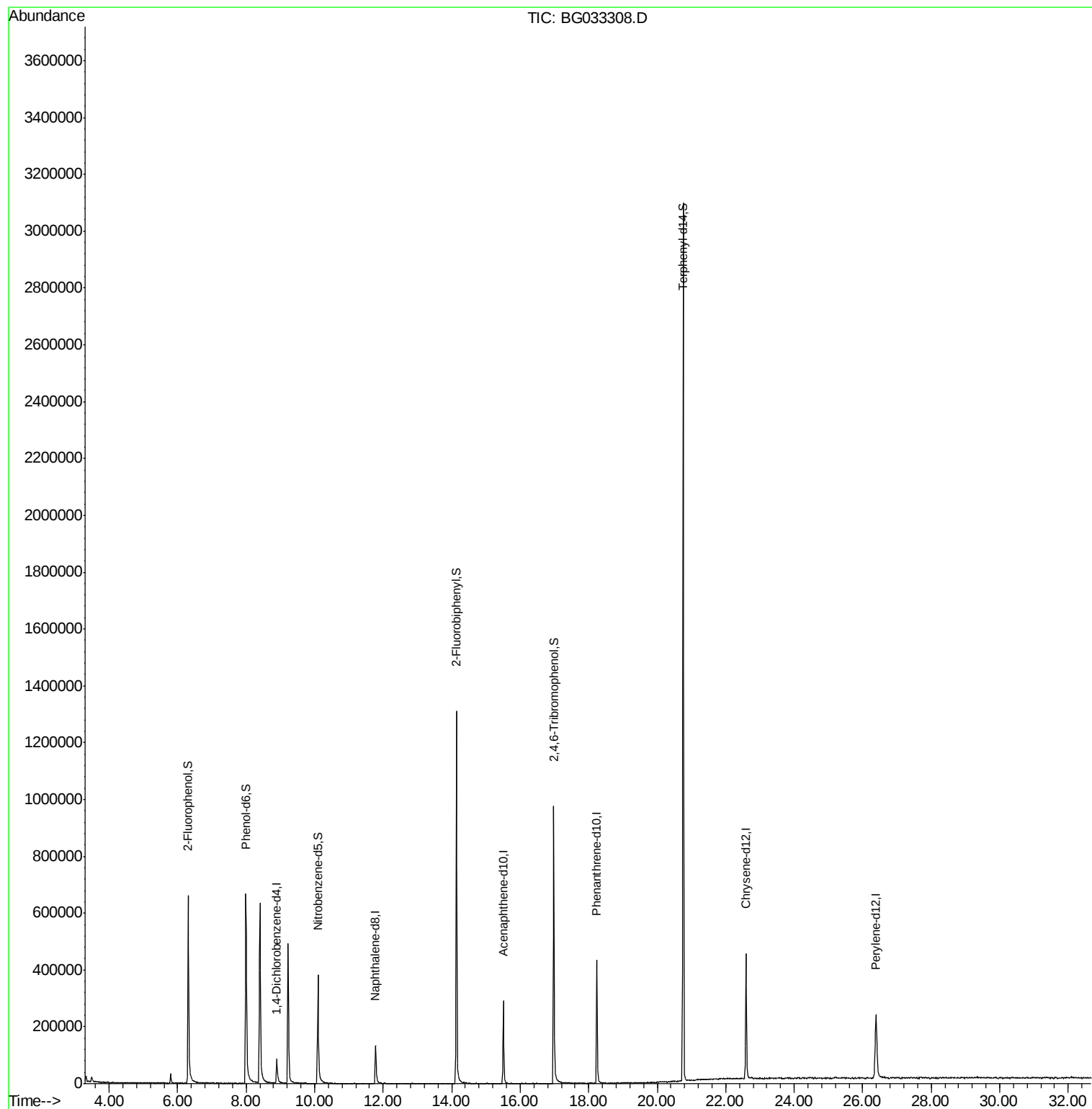
Target Compounds Qvalue

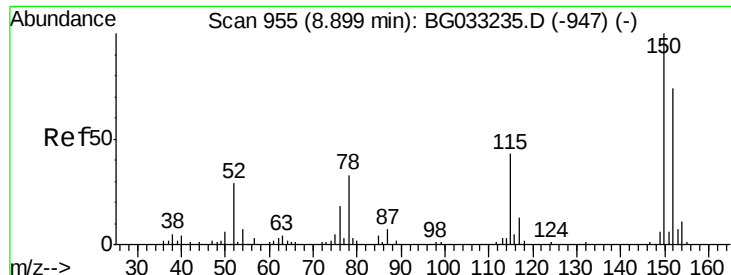
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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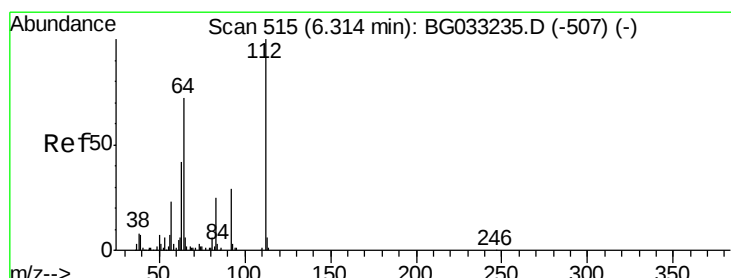
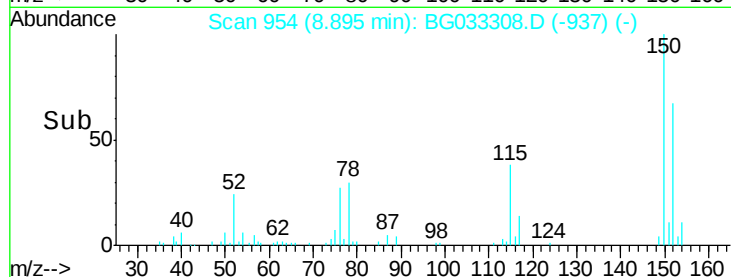
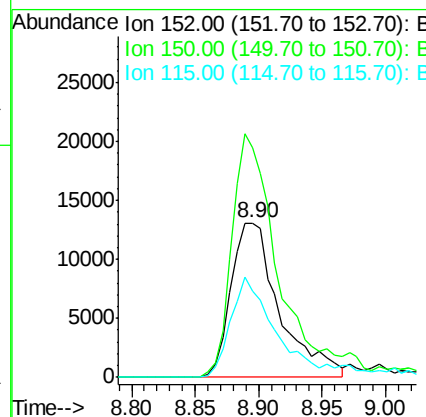
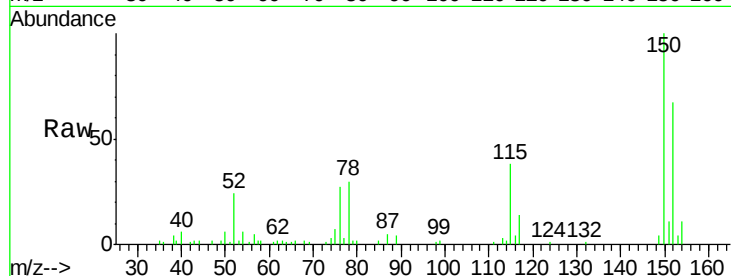


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033308.D
Acq: 22 Mar 2018 23:35

Instrument :
BNA_G
ClientSampleId :
PB107545TB

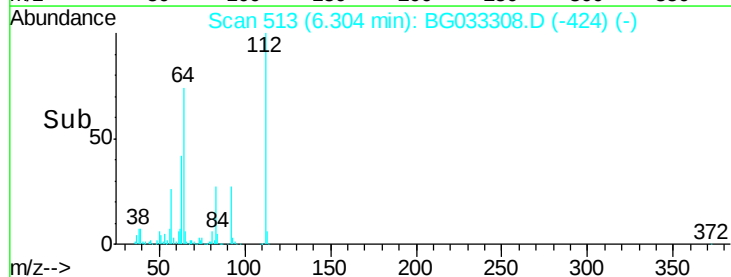
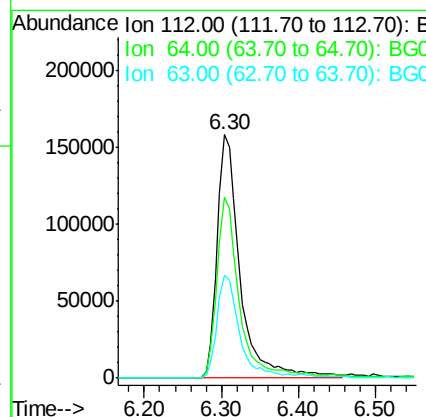
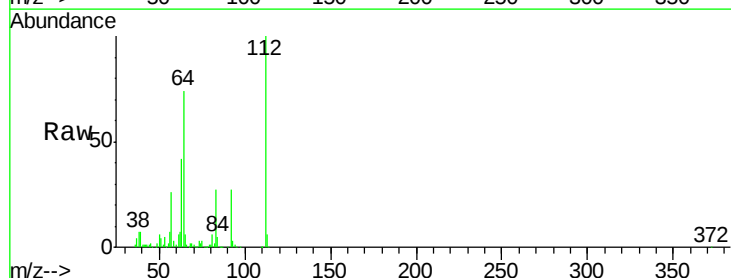
Tot Ion:152 Resp: 34669
Ion Ratio Lower Upper
152 100
150 149.0 126.6 189.8
115 56.3 53.0 79.4

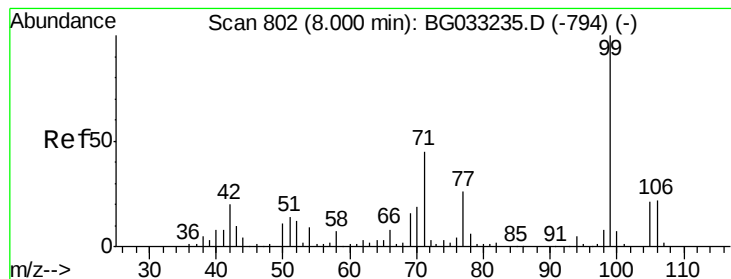


#5

2-Fluorophenol
Concen: 176.832 ng
RT: 6.30 min Scan# 513
Delta R.T. -0.01 min
Lab File: BG033308.D
Acq: 22 Mar 2018 23:35

Tgt Ion:112 Resp: 326943
Ion Ratio Lower Upper
112 100
64 74.1 56.3 84.5
63 42.0 30.1 45.1





#7

Phenol-d6

Concen: 152.013 ng

RT: 7.99 min Scan# 800

Delta R.T. -0.01 min

Lab File: BG033308.D

Acq: 22 Mar 2018 23:35

Instrument :

BNA_G

ClientSampled :

PB107545TB

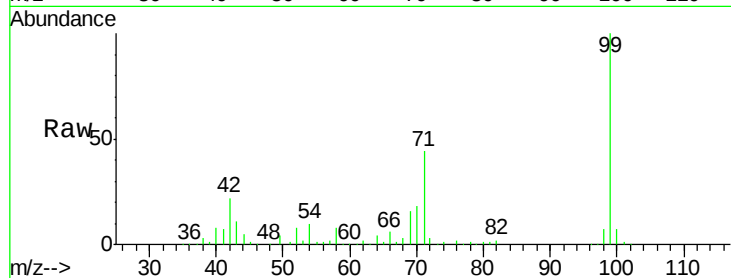
Tot Ion: 99 Resp: 482913

Ion Ratio Lower Upper

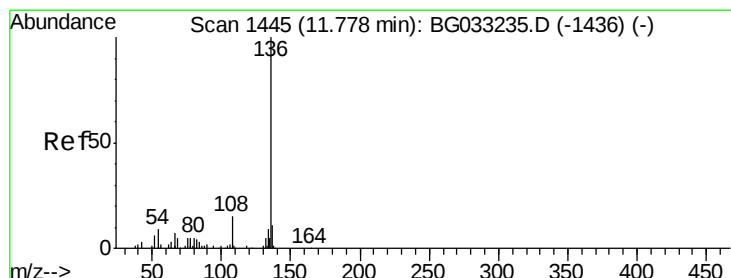
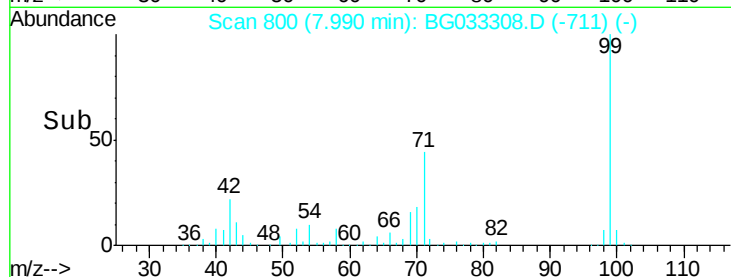
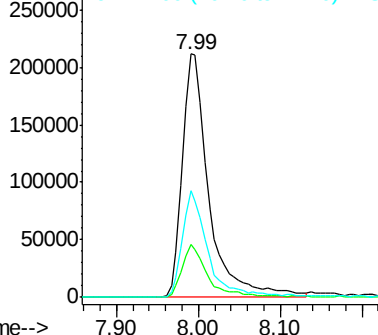
99 100

42 21.6 14.1 21.1#

71 43.8 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: 11.77 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BG033308.D

Acq: 22 Mar 2018 23:35

Tgt Ion: 136 Resp: 144880

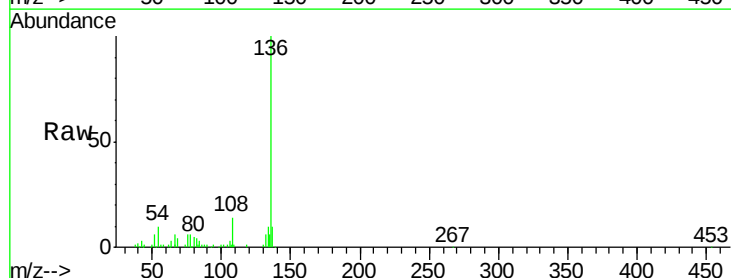
Ion Ratio Lower Upper

136 100

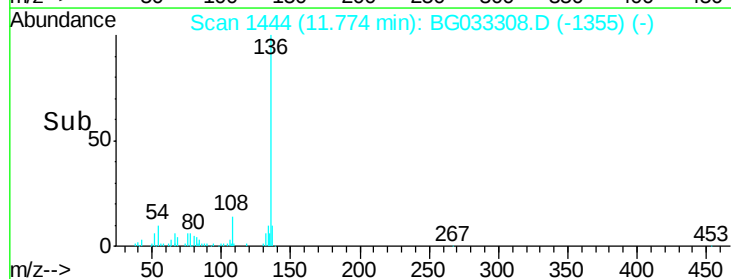
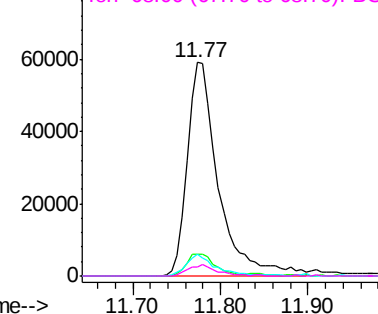
137 10.4 9.2 13.8

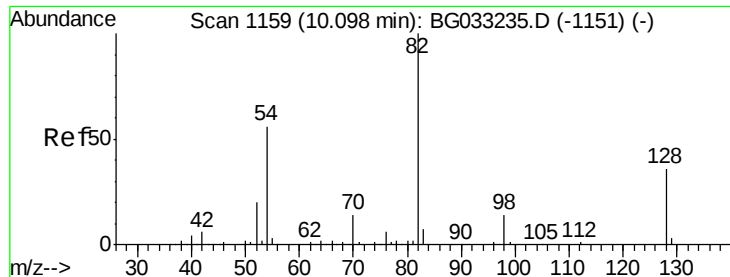
54 10.0 10.3 15.5#

68 4.0 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

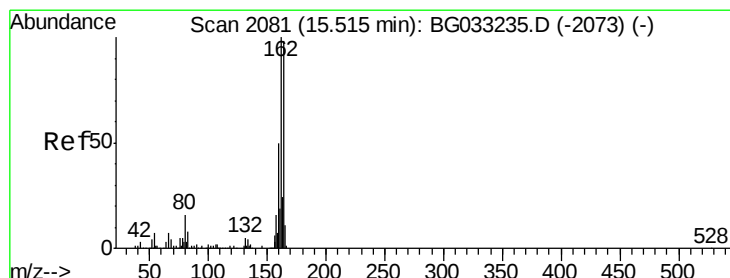
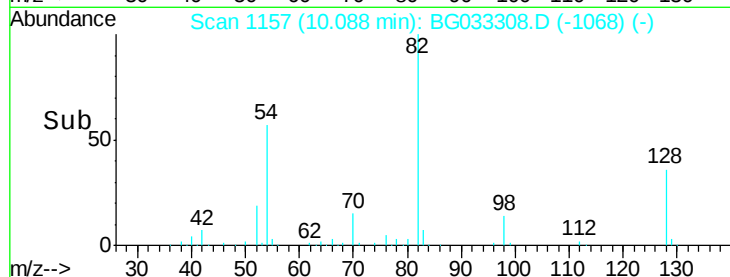
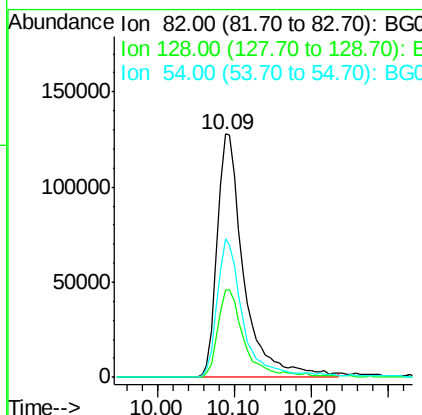
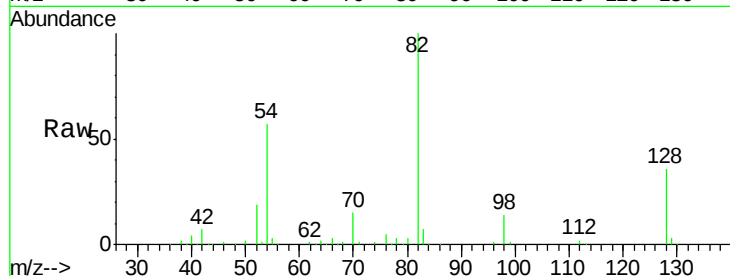




#23
 Nitrobenzene-d5
 Concen: 97.393 ng
 RT: 10.09 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BG033308.D
 Acq: 22 Mar 2018 23:35

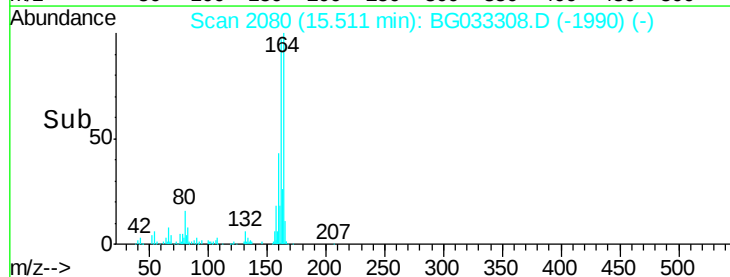
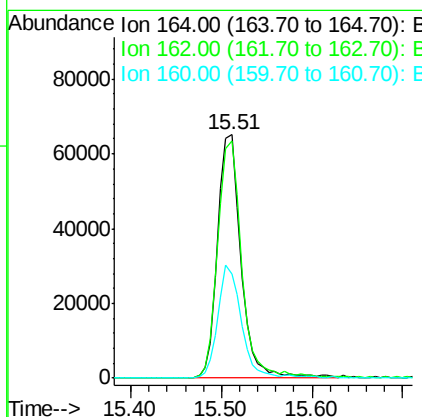
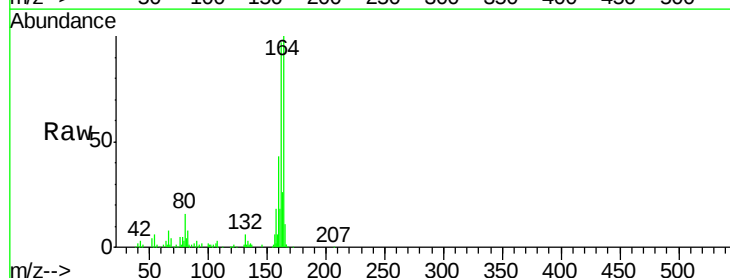
Instrument :
 BNA_G
 ClientSampleId :
 PB107545TB

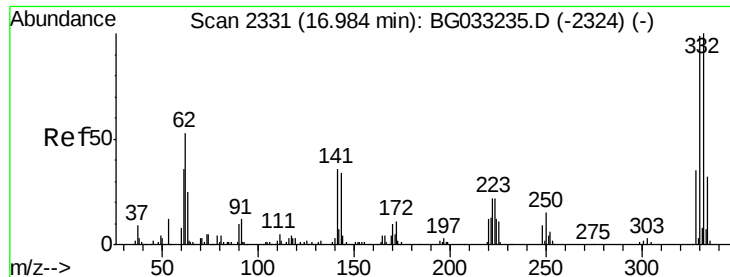
Tot Ion: 82 Resp: 307119
 Ion Ratio Lower Upper
 82 100
 128 36.0 29.7 44.5
 54 57.0 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: BG033308.D
 Acq: 22 Mar 2018 23:35

Tgt Ion: 164 Resp: 117427
 Ion Ratio Lower Upper
 164 100
 162 97.4 78.8 118.2
 160 42.7 35.4 53.0

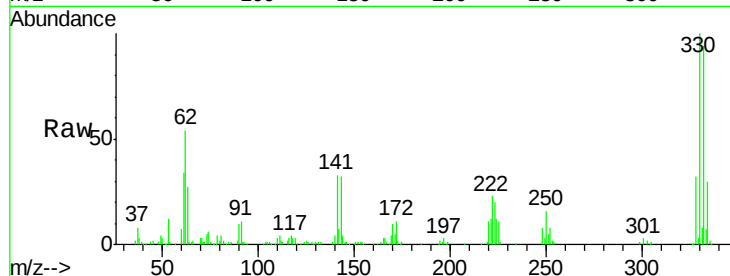




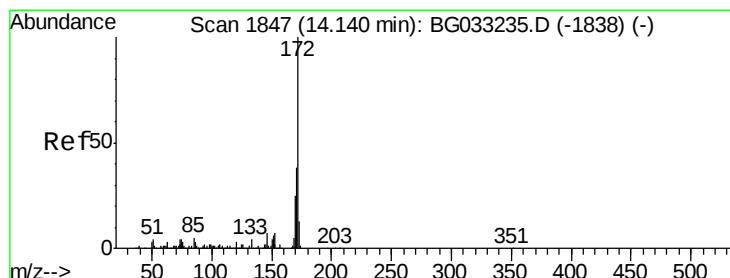
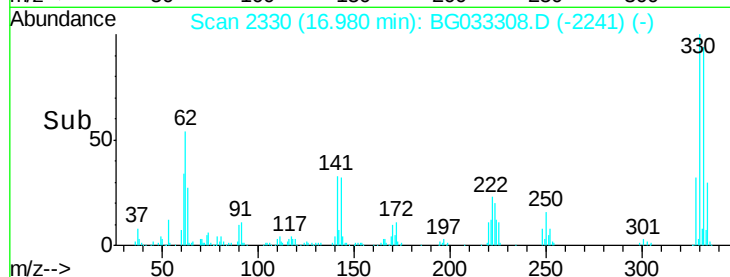
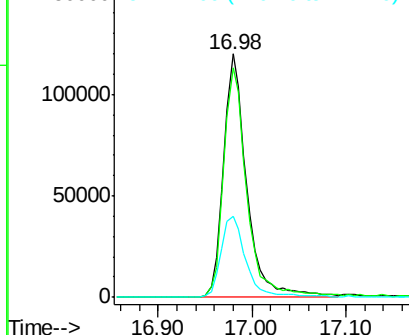
#41
 2,4,6-Tribromophenol
 Concen: 117.550 ng
 RT: 16.98 min Scan# 2330
 Delta R.T. -0.01 min
 Lab File: BG033308.D
 Acq: 22 Mar 2018 23:35

Instrument :
 BNA_G
 ClientSampleId :
 PB107545TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	36.3	25.2	37.8

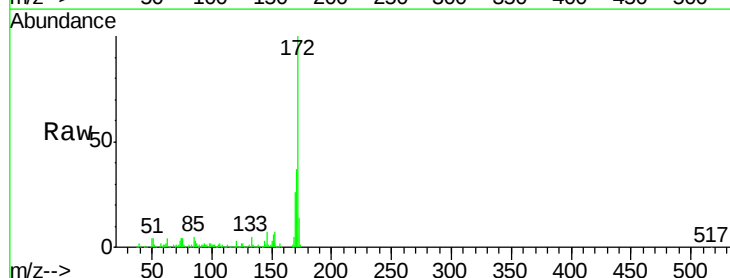


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

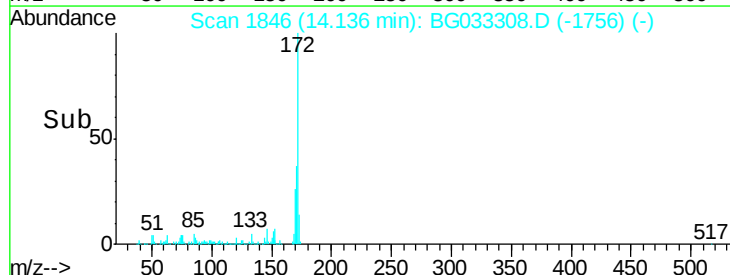
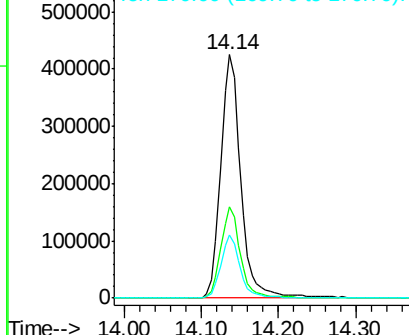


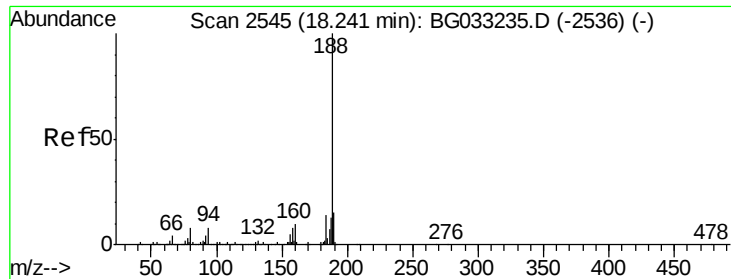
#44
 2-Fluorobiphenyl
 Concen: 94.987 ng
 RT: 14.14 min Scan# 1846
 Delta R.T. -0.00 min
 Lab File: BG033308.D
 Acq: 22 Mar 2018 23:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	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: 18.24 min Scan# 2544

Delta R.T. -0.00 min

Lab File: BG033308.D

Acq: 22 Mar 2018 23:35

Instrument :

BNA_G

ClientSampleId :

PB107545TB

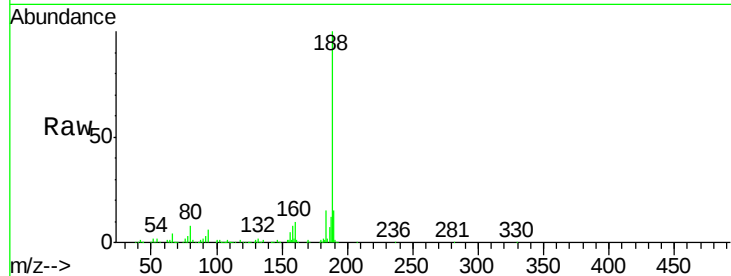
Tot Ion:188 Resp: 322890

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

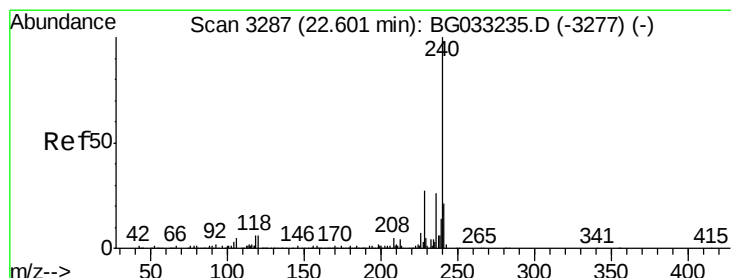
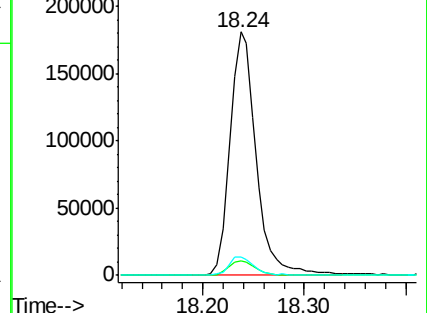
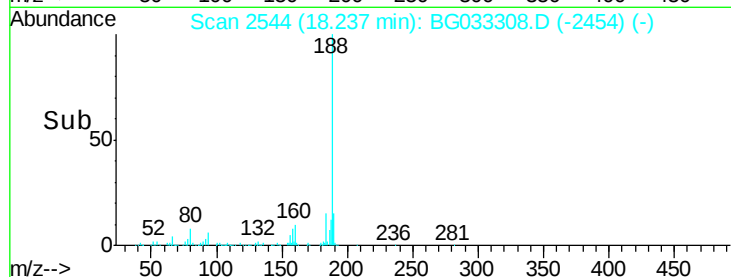
80 7.7 7.7 11.5#



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: 22.59 min Scan# 3285

Delta R.T. -0.01 min

Lab File: BG033308.D

Acq: 22 Mar 2018 23:35

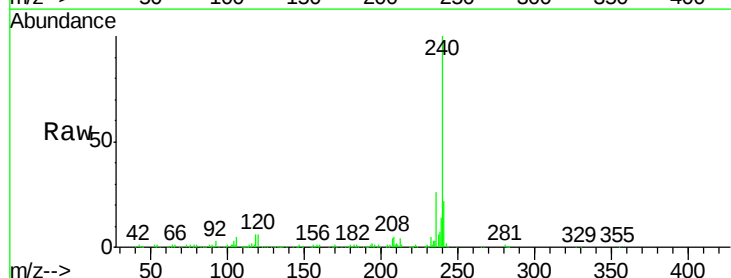
Tgt Ion:240 Resp: 325665

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

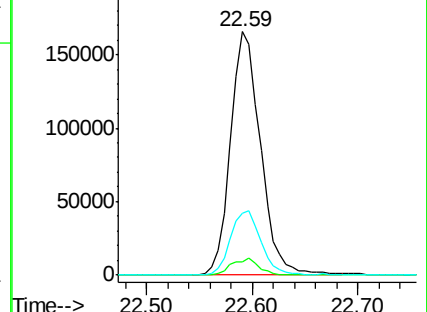
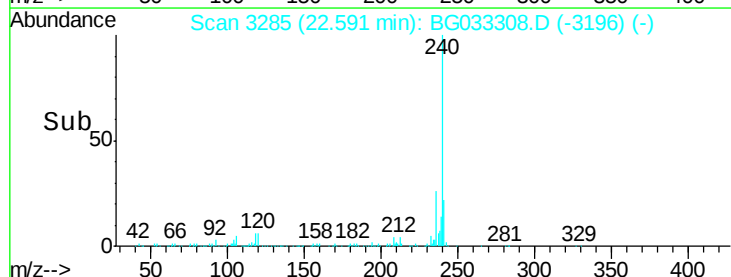
236 25.6 20.9 31.3

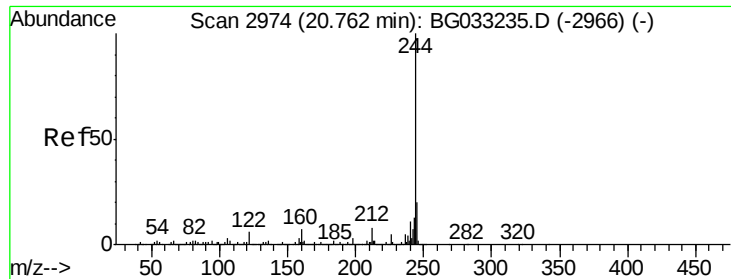


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.878 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.00 min

Lab File: BG033308.D

Acq: 22 Mar 2018 23:35

Instrument :

BNA_G

ClientSampleId :

PB107545TB

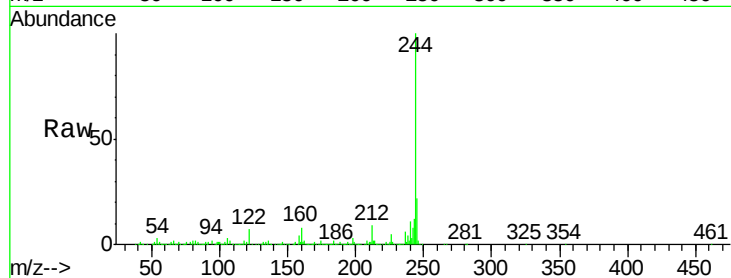
Tot Ion:244 Resp: 1536168

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

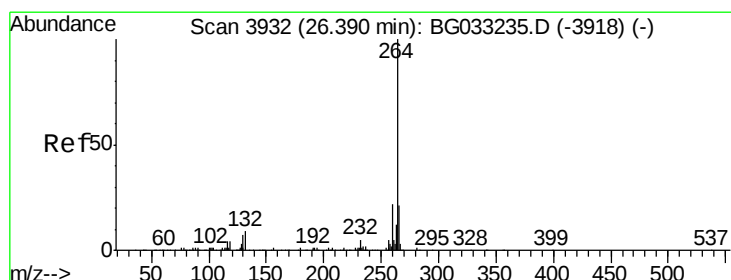
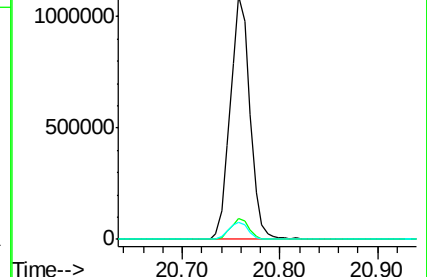
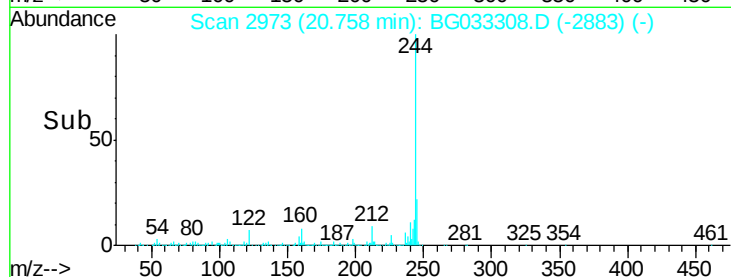
122 7.1 7.0 10.4



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: 26.39 min Scan# 3932

Delta R.T. 0.00 min

Lab File: BG033308.D

Acq: 22 Mar 2018 23:35

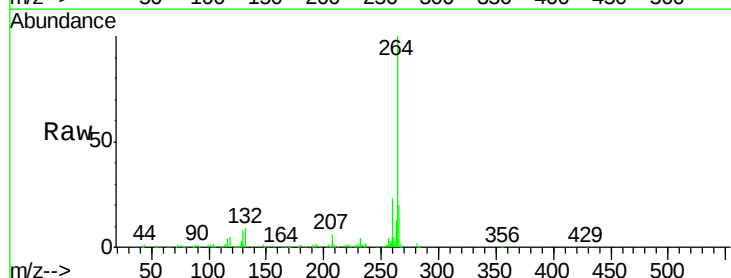
Tgt Ion:264 Resp: 336885

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 20.2 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

