

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033645.D
 Acq On : 7 Apr 2018 1:43
 Operator : SJ/JU
 Sample : PB107995BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107995BL

Quant Time: Apr 07 04:21:15 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	8.87	152	33759	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	153585	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	124713	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	306883	20.00	ng	0.00
75) Chrysene-d12	22.56	240	311686	20.00	ng	0.00
86) Perylene-d12	26.32	264	303915	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	202765	112.62	ng	0.00
7) Phenol-d6	7.97	99	311789	100.79	ng	0.00
23) Nitrobenzene-d5	10.06	82	309573	92.61	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	121849	65.33	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	769093	89.03	ng	0.00
78) Terphenyl-d14	20.73	244	1239720	85.06	ng	0.00

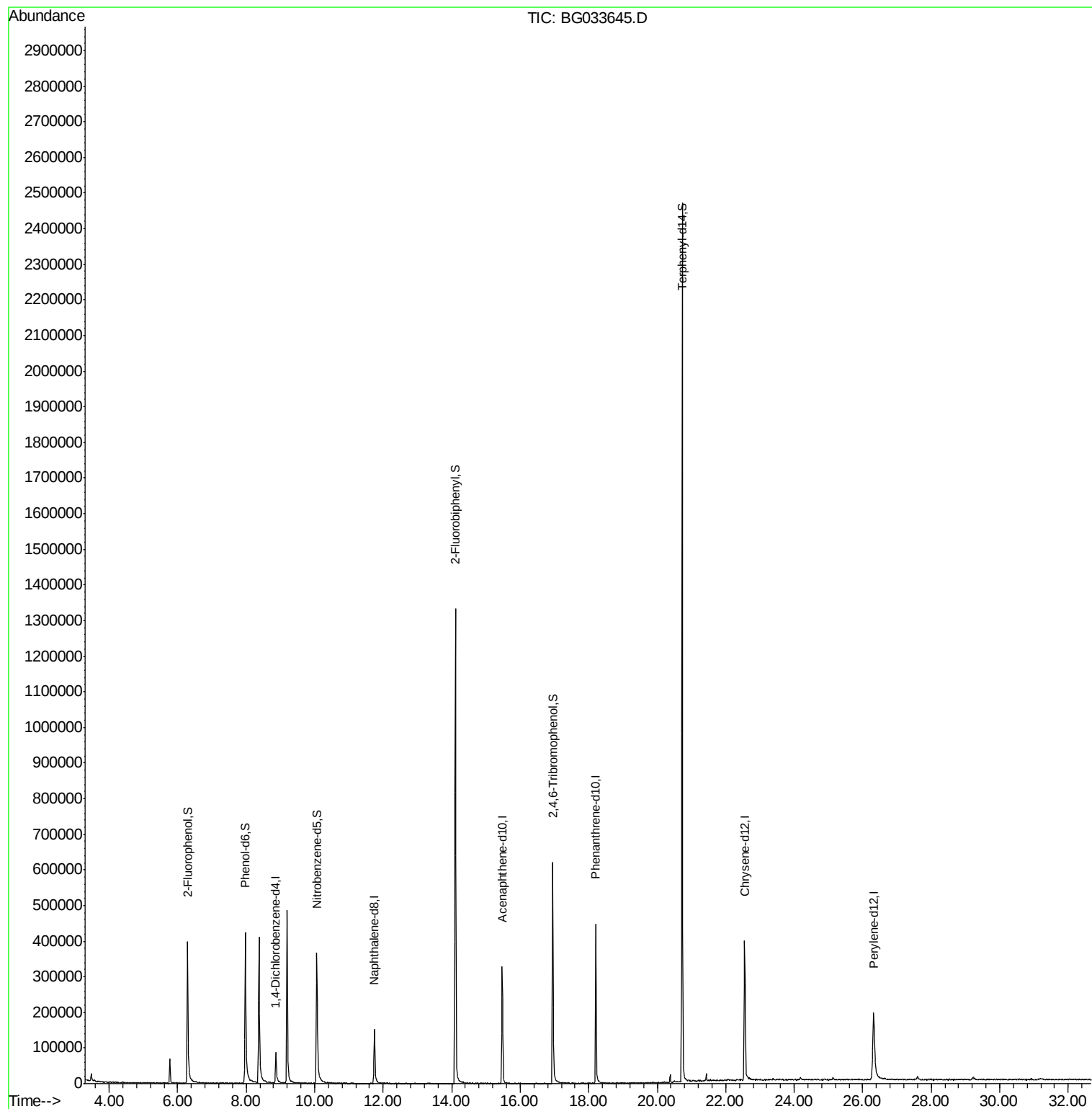
Target Compounds Qvalue

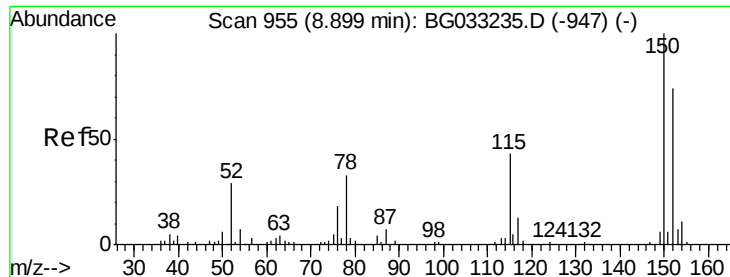
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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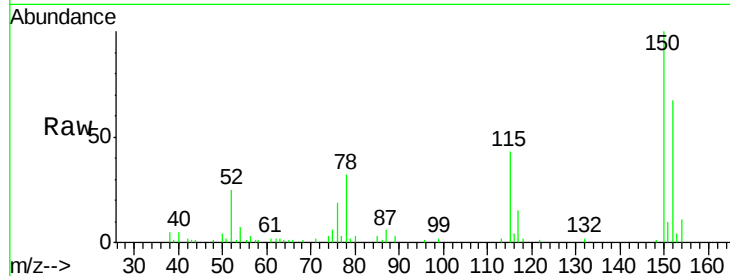


#1

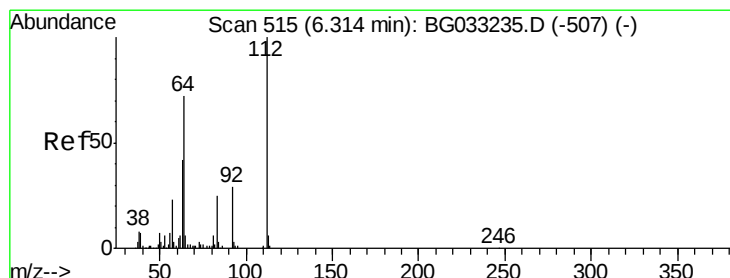
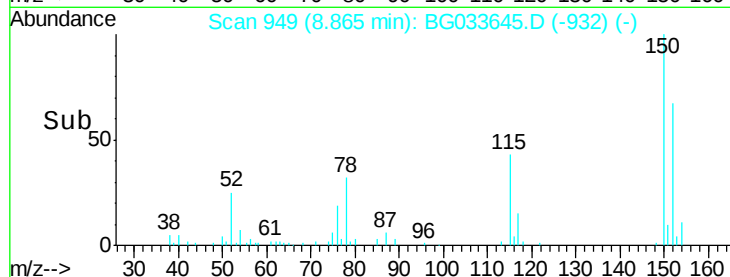
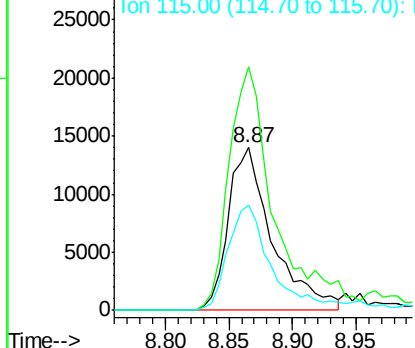
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.87 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BG033645.D
 Acq: 7 Apr 2018 1:43

Instrument :
 BNA_G
 ClientSampleId :
 PB107995BL

Tot Ion:152 Resp: 33759
 Ion Ratio Lower Upper
 152 100
 150 149.7 126.6 189.8
 115 64.7 53.0 79.4



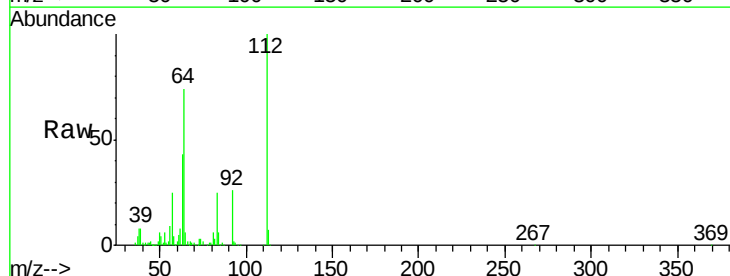
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



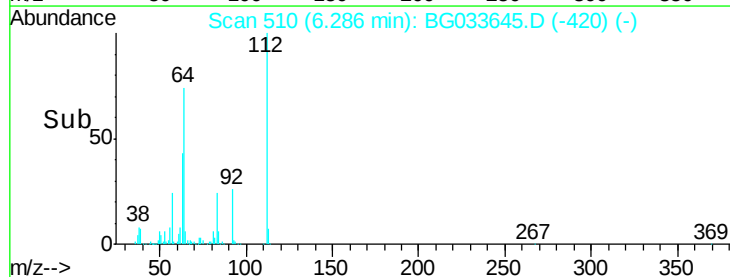
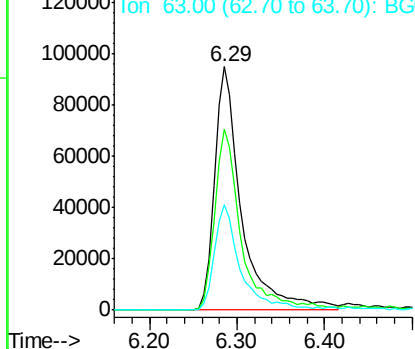
#5

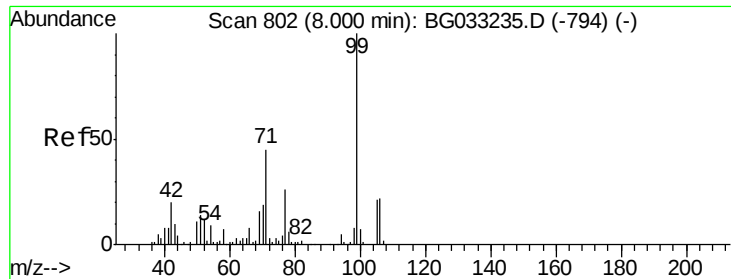
2-Fluorophenol
 Concen: 112.624 ng
 RT: 6.29 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: BG033645.D
 Acq: 7 Apr 2018 1:43

Tgt Ion:112 Resp: 202765
 Ion Ratio Lower Upper
 112 100
 64 74.4 56.3 84.5
 63 43.4 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: 100.792 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033645.D

Acq: 7 Apr 2018 1:43

Instrument :

BNA_G

ClientSampleId :

PB107995BL

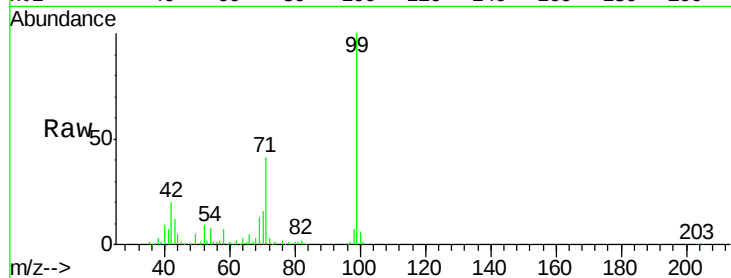
Tot Ion: 99 Resp: 311789

Ion Ratio Lower Upper

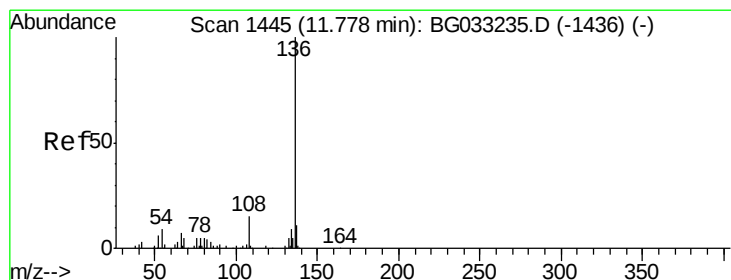
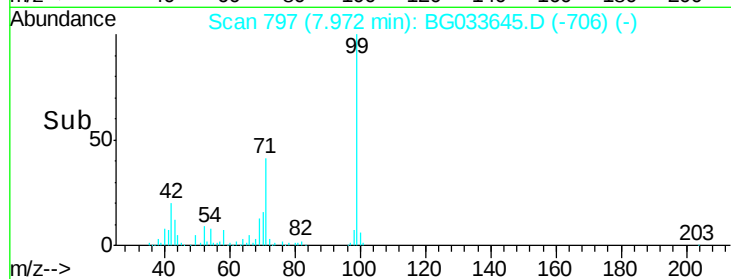
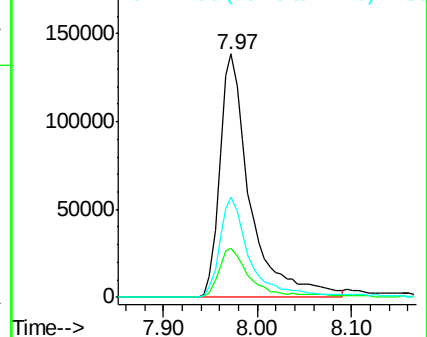
99 100

42 20.1 14.1 21.1

71 41.1 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: BG033645.D

Acq: 7 Apr 2018 1:43

Tgt Ion: 136 Resp: 153585

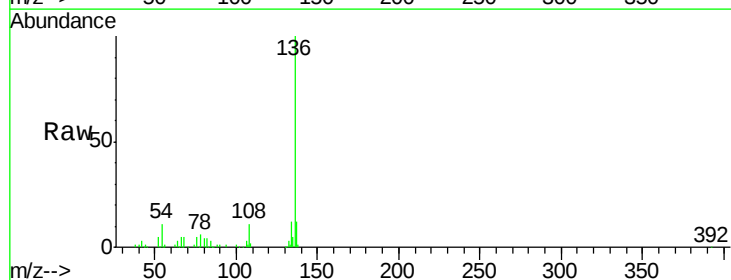
Ion Ratio Lower Upper

136 100

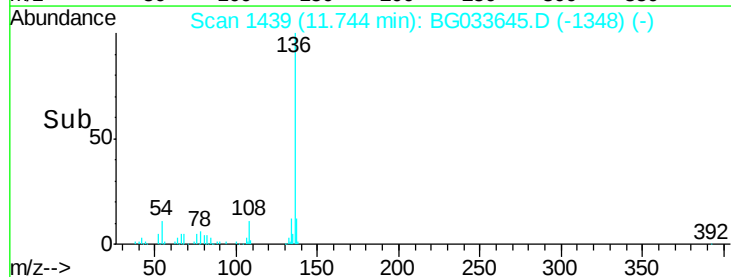
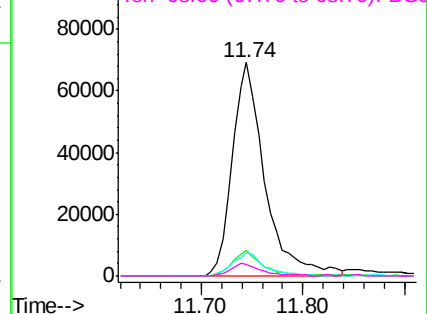
137 11.9 9.2 13.8

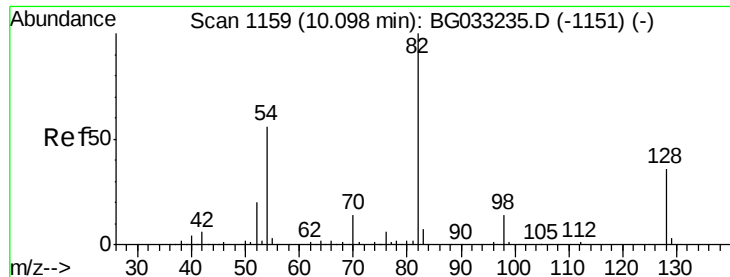
54 10.8 10.3 15.5

68 5.1 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

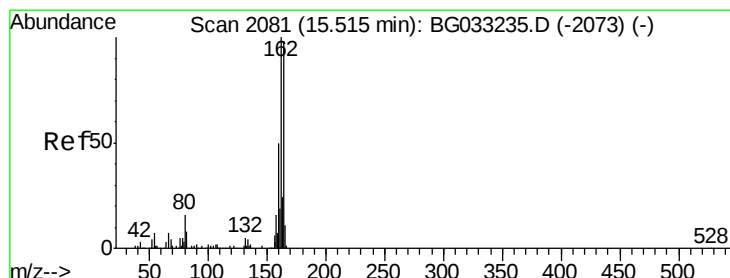
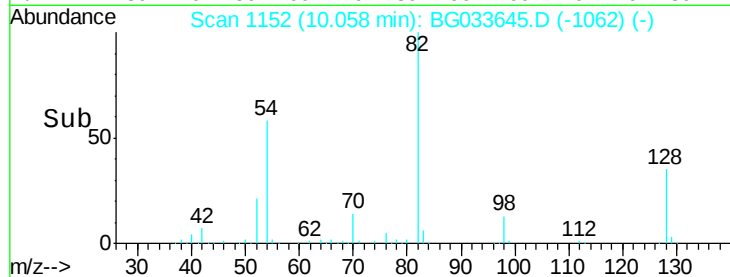
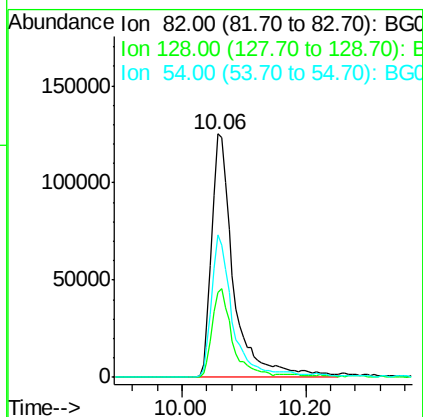
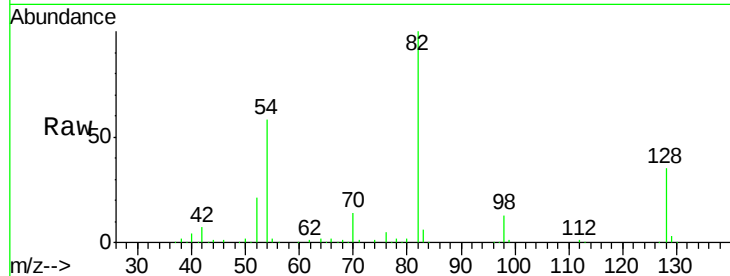




#23
 Nitrobenzene-d5
 Concen: 92.607 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG033645.D
 Acq: 7 Apr 2018 1:43

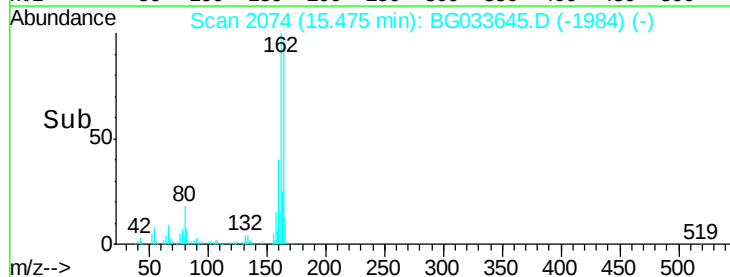
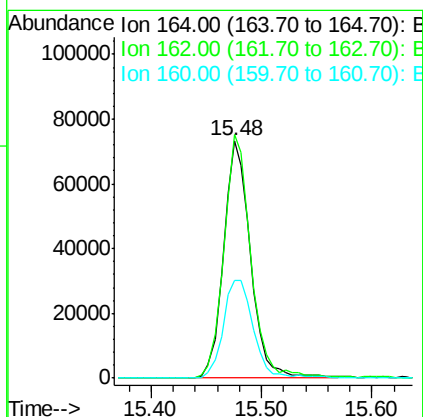
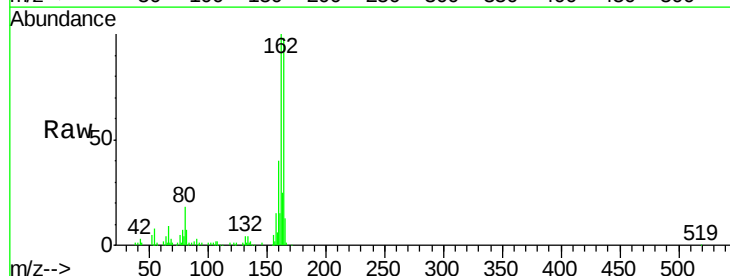
Instrument :
 BNA_G
 ClientSampleId :
 PB107995BL

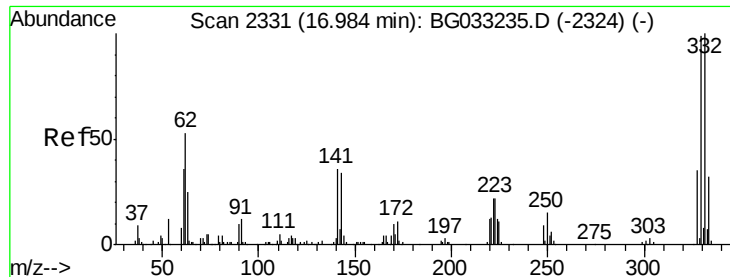
Tot Ion: 82 Resp: 309573
 Ion Ratio Lower Upper
 82 100
 128 34.8 29.7 44.5
 54 58.3 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG033645.D
 Acq: 7 Apr 2018 1:43

Tgt Ion: 164 Resp: 124713
 Ion Ratio Lower Upper
 164 100
 162 102.4 78.8 118.2
 160 41.3 35.4 53.0

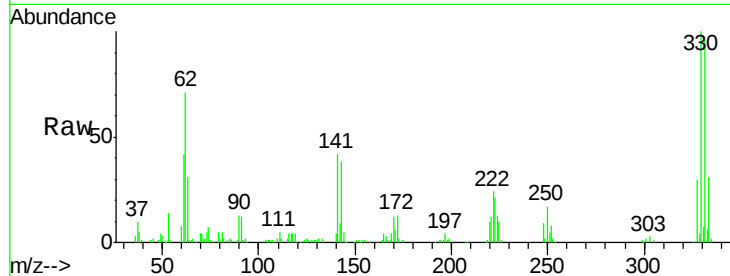




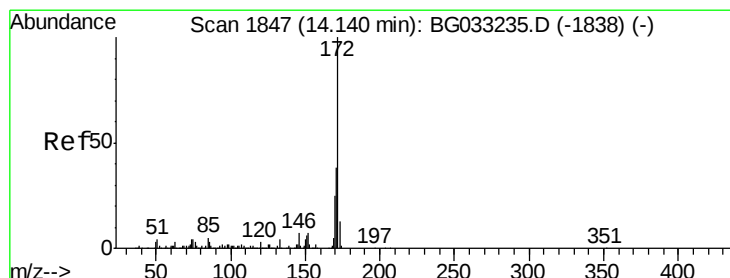
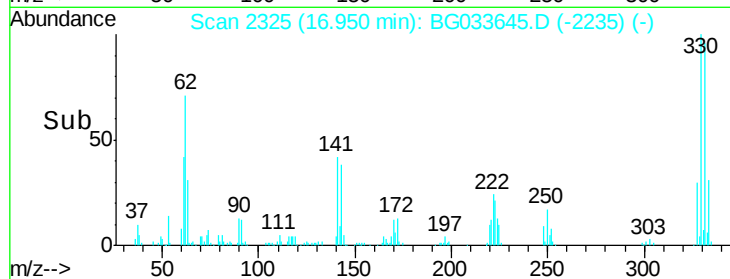
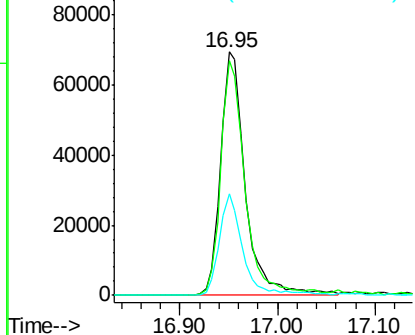
#41
 2,4,6-Tribromophenol
 Concen: 65.327 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033645.D
 Acq: 7 Apr 2018 1:43

Instrument :
 BNA_G
 ClientSampleId :
 PB107995BL

Tot Ion:330 Resp: 121849
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 40.3 25.2 37.8#

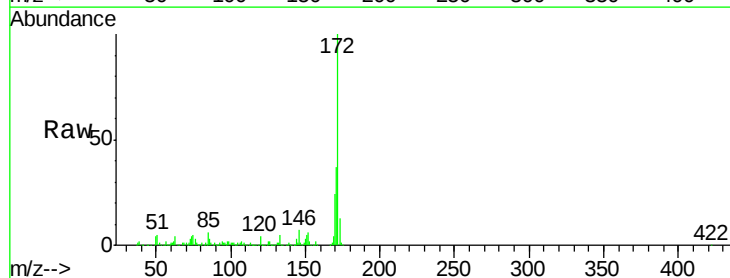


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

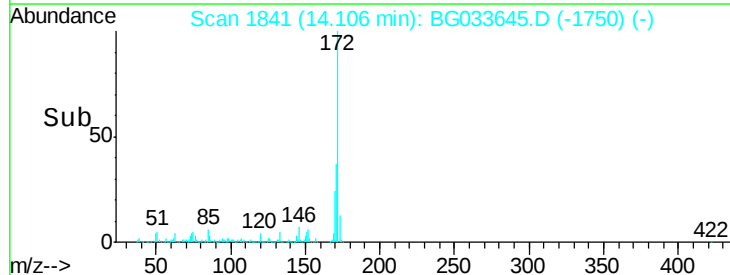
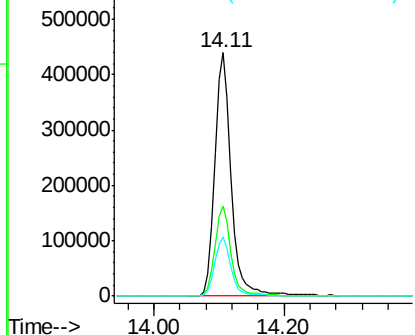


#44
 2-Fluorobiphenyl
 Concen: 89.028 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033645.D
 Acq: 7 Apr 2018 1:43

Tgt Ion:172 Resp: 769093
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.0 45.0
 170 24.1 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

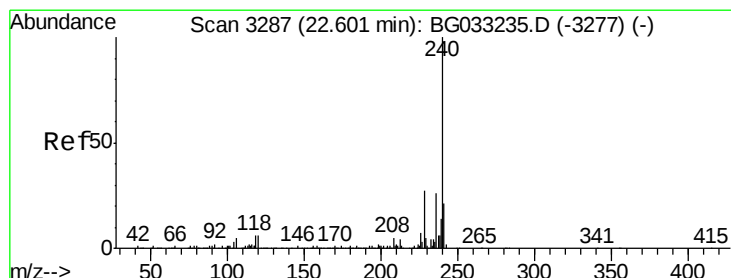
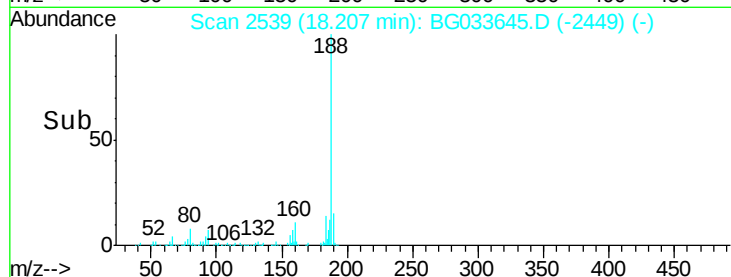
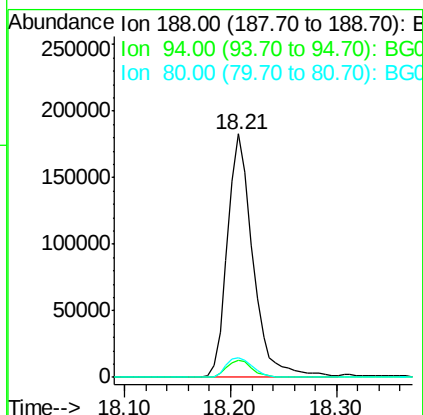
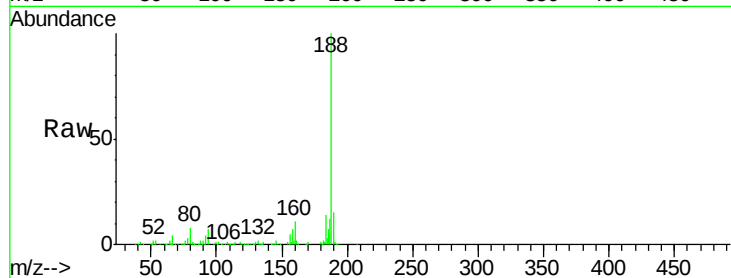




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BG033645.D
Acq: 7 Apr 2018 1:43

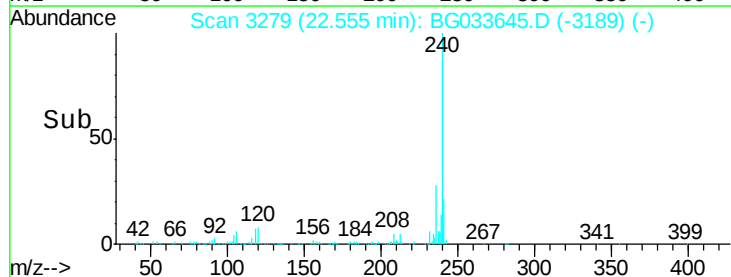
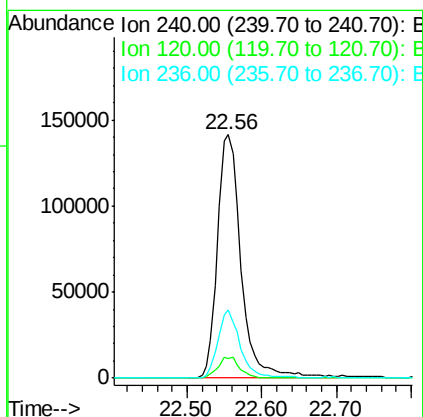
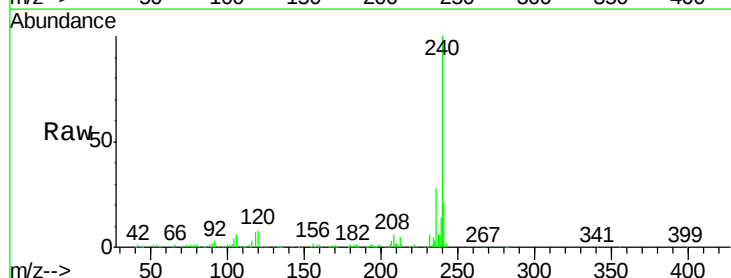
Instrument :
BNA_G
ClientSampleId :
PB107995BL

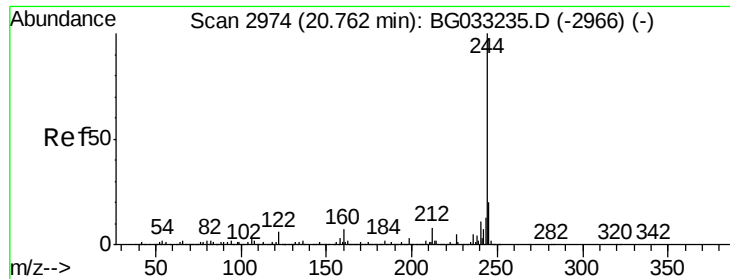
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	8.3	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3279
Delta R.T. -0.00 min
Lab File: BG033645.D
Acq: 7 Apr 2018 1:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.8	10.2
236	28.2	20.9	31.3





#78

Terphenyl-d14

Concen: 85.062 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033645.D

Acq: 7 Apr 2018 1:43

Instrument :

BNA_G

ClientSampleId :

PB107995BL

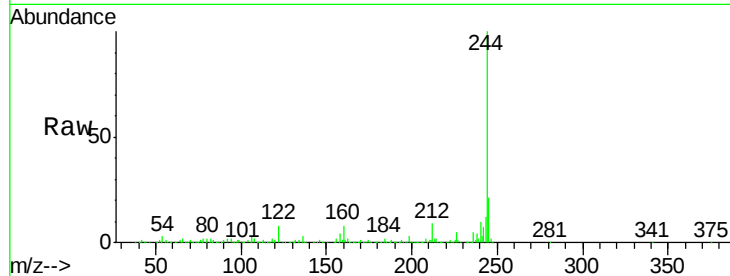
Tot Ion:244 Resp: 1239720

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

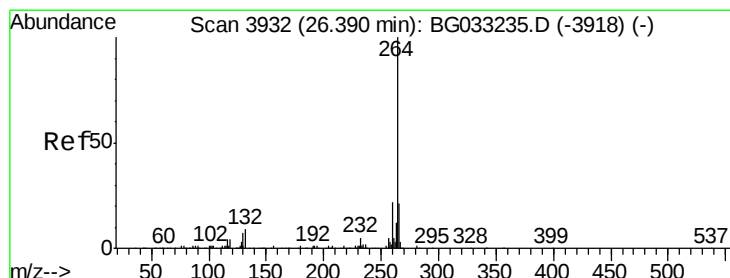
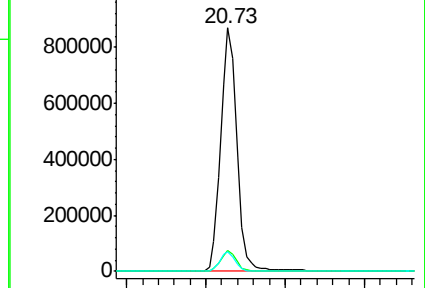
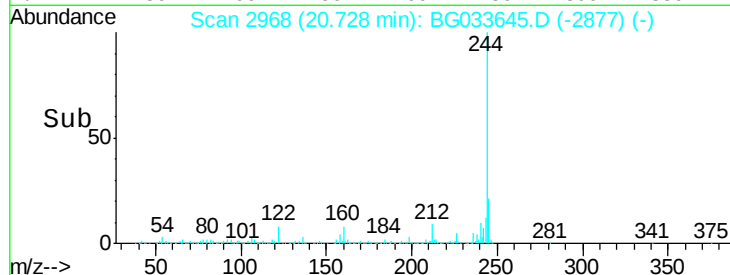
122 7.9 7.0 10.4



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: BG033645.D

Acq: 7 Apr 2018 1:43

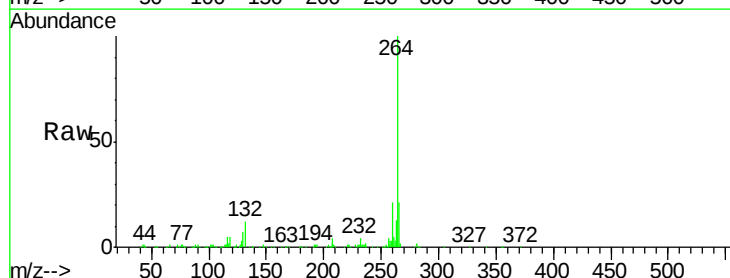
Tgt Ion:264 Resp: 303915

Ion Ratio Lower Upper

264 100

260 21.2 17.4 26.0

265 21.3 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

