

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033650.D
 Acq On : 7 Apr 2018 4:54
 Operator : SJ/JU
 Sample : J2248-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT3059

Quant Time: Apr 07 06:07:19 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	34815	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	165391	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	130913	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	317926	20.00	ng	0.00
75) Chrysene-d12	22.55	240	317151	20.00	ng	0.00
86) Perylene-d12	26.32	264	308947	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	311863	167.97	ng	0.00
7) Phenol-d6	7.97	99	438899	137.58	ng	0.00
23) Nitrobenzene-d5	10.06	82	361408	100.40	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	222922	113.85	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	899832	99.23	ng	0.00
78) Terphenyl-d14	20.73	244	1564774	105.52	ng	0.00

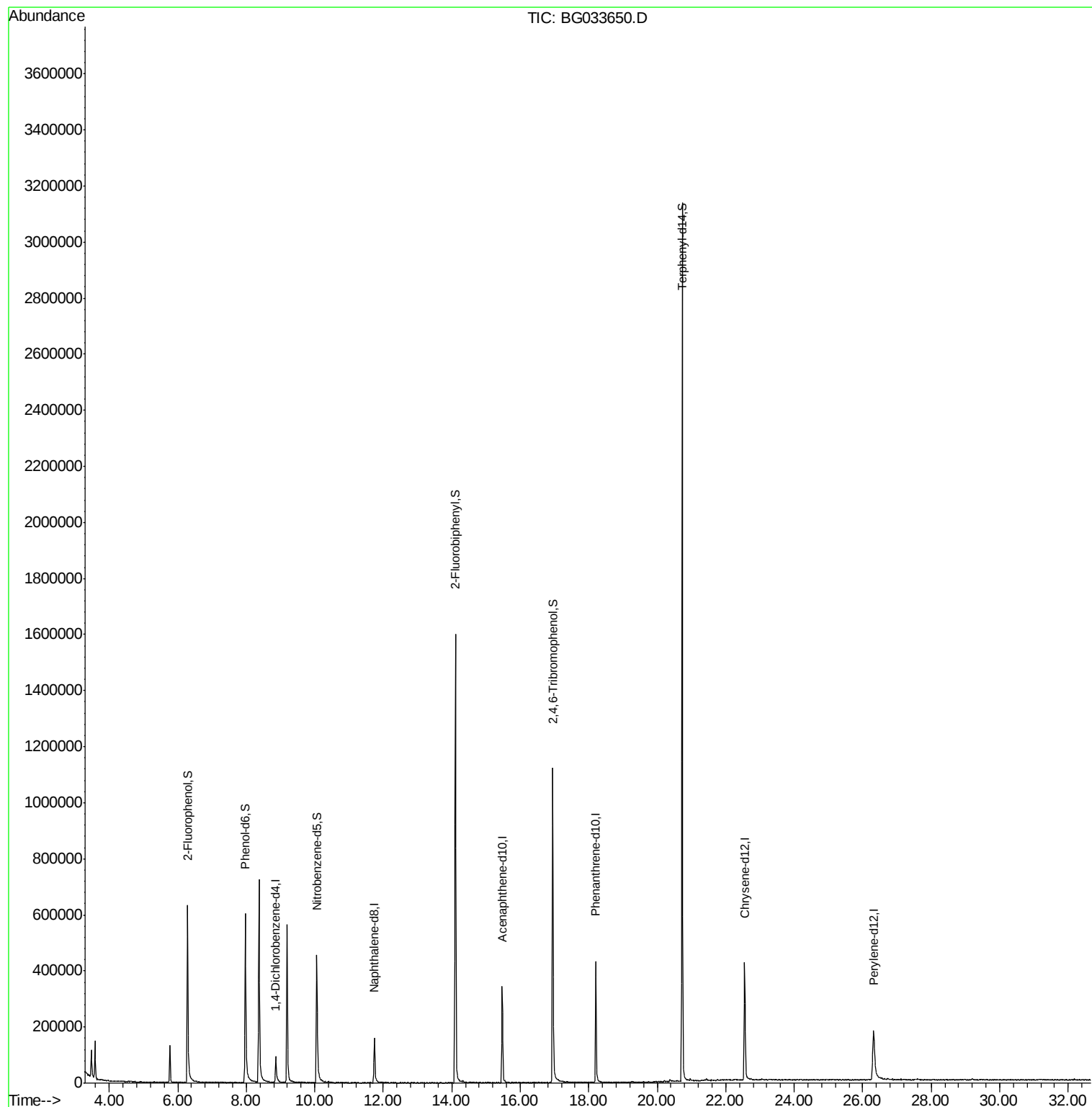
Target Compounds Qvalue

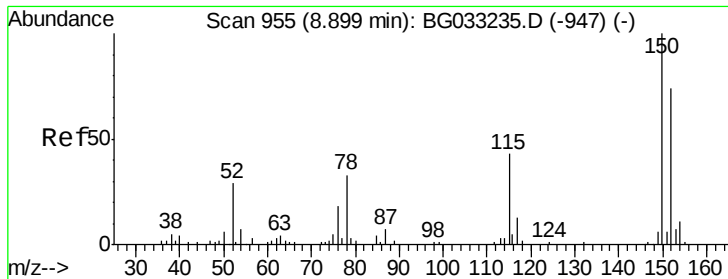
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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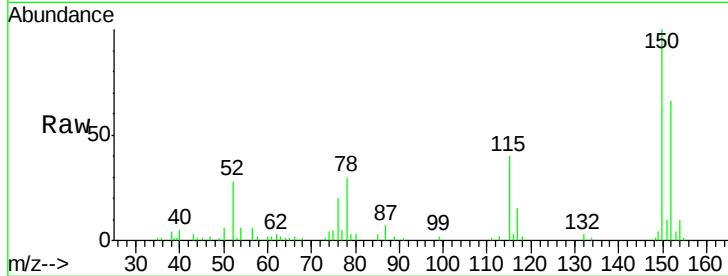


#1

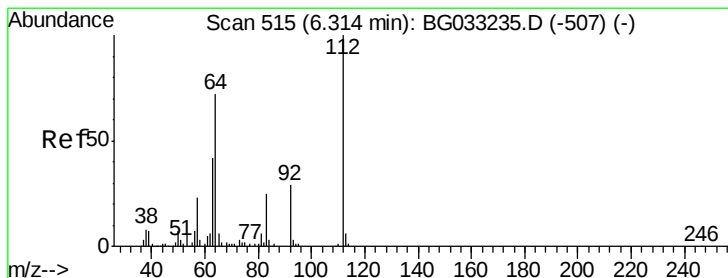
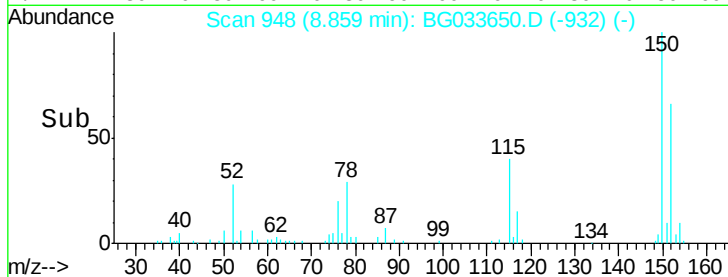
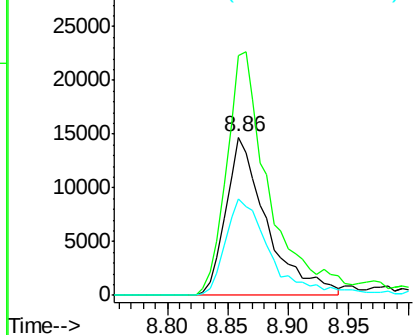
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG033650.D
Acq: 7 Apr 2018 4:54

Instrument :
BNA_G
ClientSampleId :
RT3059

Tot Ion:152 Resp: 34815
Ion Ratio Lower Upper
152 100
150 151.7 126.6 189.8
115 60.9 53.0 79.4



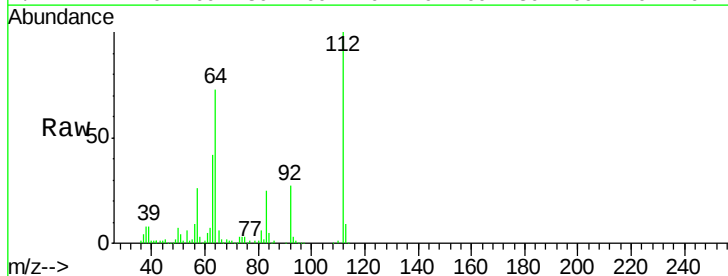
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



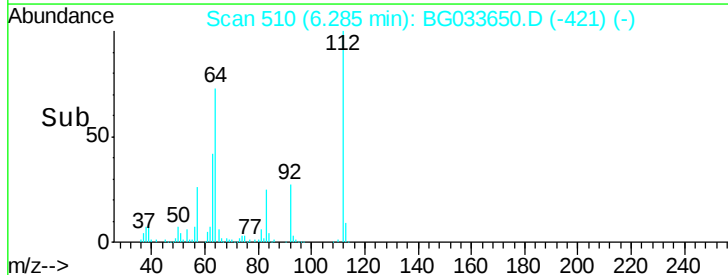
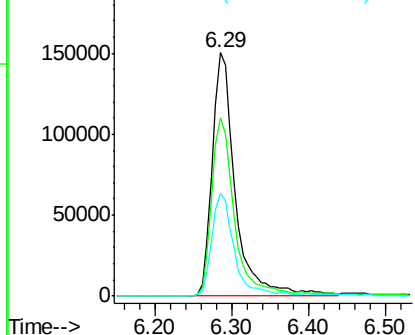
#5

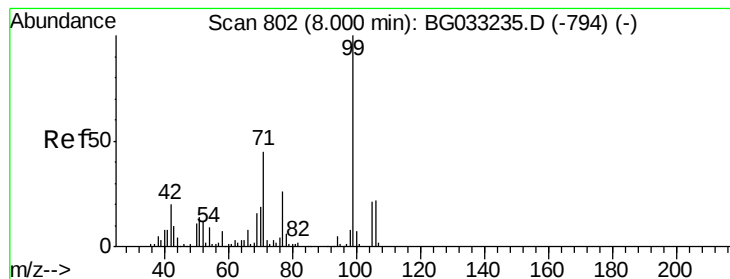
2-Fluorophenol
Concen: 167.968 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033650.D
Acq: 7 Apr 2018 4:54

Tgt Ion:112 Resp: 311863
Ion Ratio Lower Upper
112 100
64 73.2 56.3 84.5
63 42.3 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 137.579 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033650.D

Acq: 7 Apr 2018 4:54

Instrument :

BNA_G

ClientSampleId :

RT3059

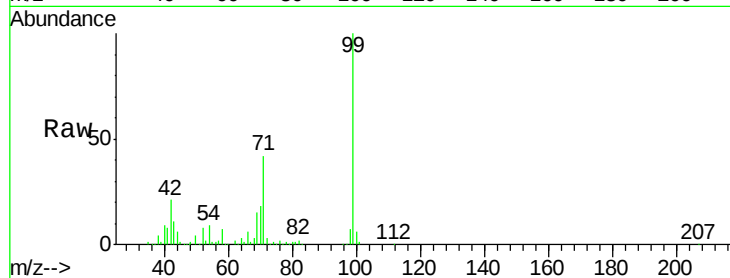
Tot Ion: 99 Resp: 438899

Ion Ratio Lower Upper

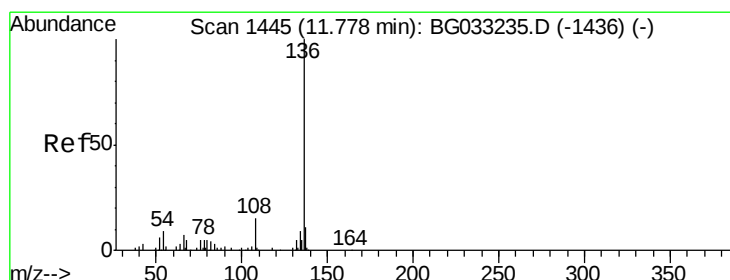
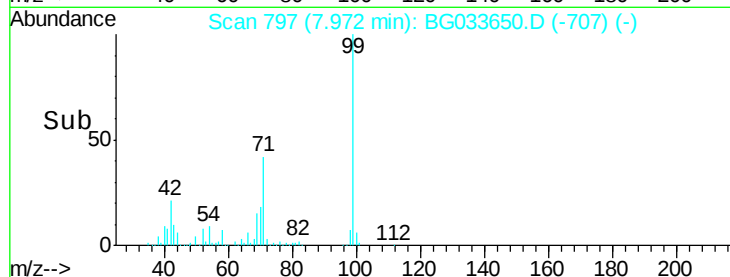
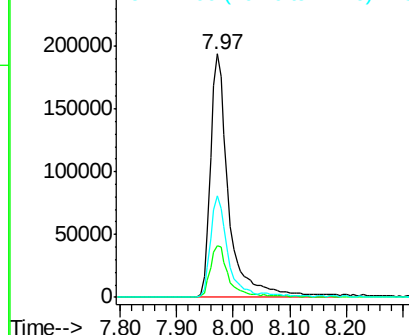
99 100

42 21.0 14.1 21.1

71 41.9 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: BG033650.D

Acq: 7 Apr 2018 4:54

Tgt Ion: 136 Resp: 165391

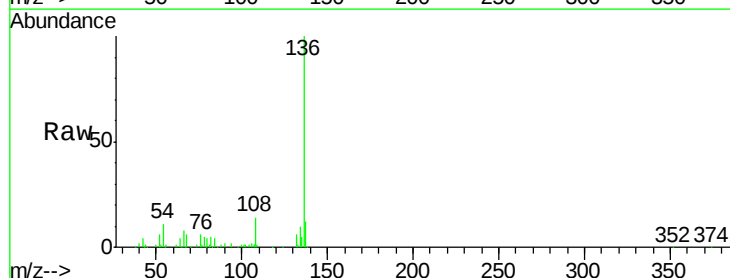
Ion Ratio Lower Upper

136 100

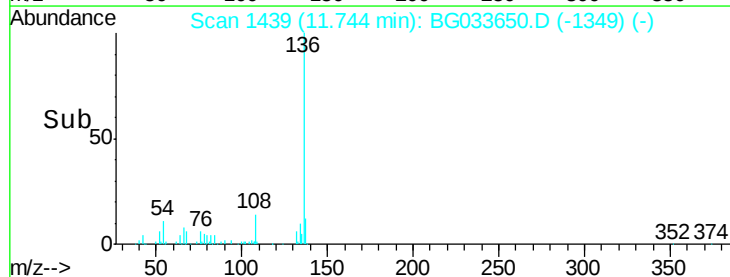
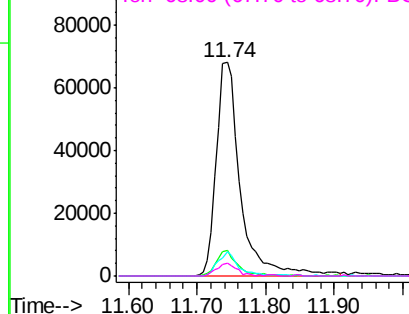
137 11.9 9.2 13.8

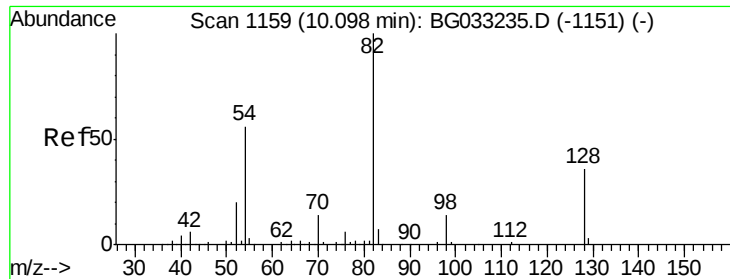
54 11.2 10.3 15.5

68 6.2 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

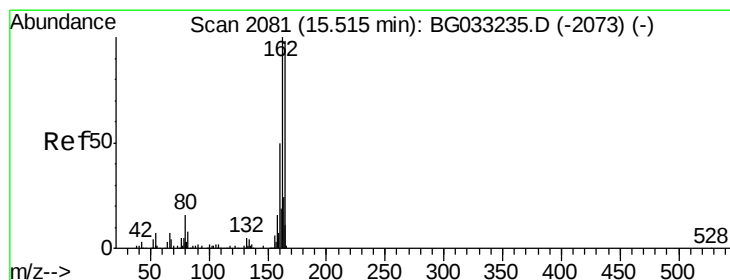
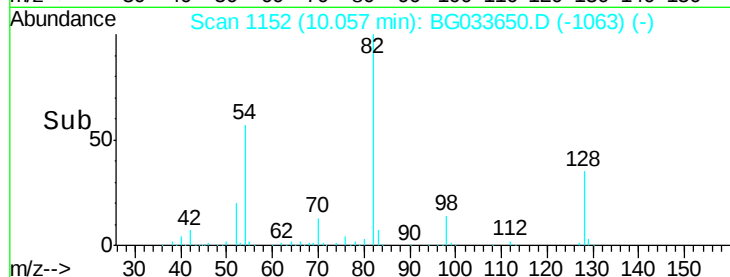
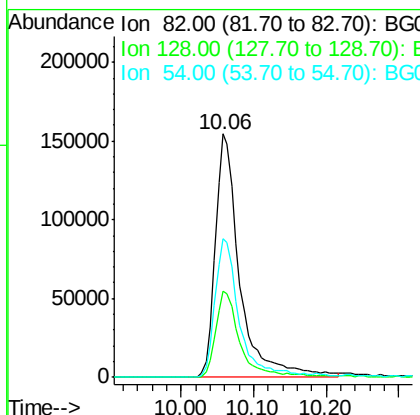
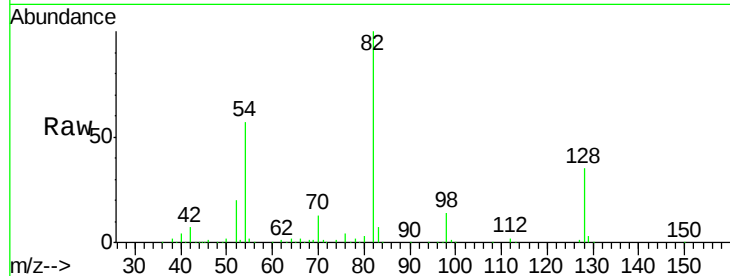




#23
 Nitrobenzene-d5
 Concen: 100.396 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG033650.D
 Acq: 7 Apr 2018 4:54

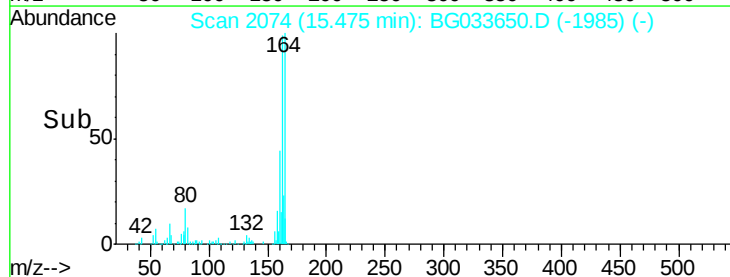
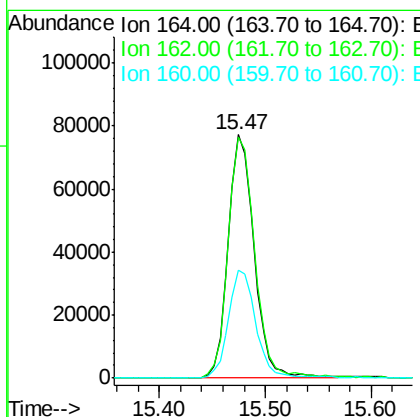
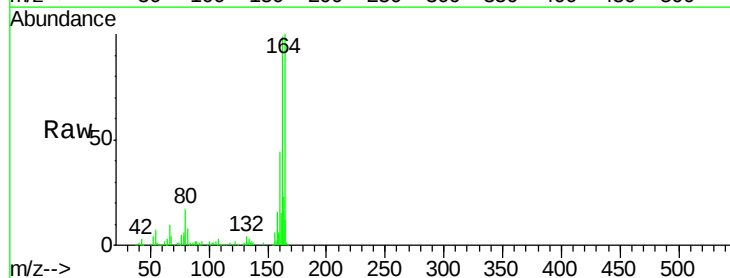
Instrument :
 BNA_G
 ClientSampleId :
 RT3059

Tot Ion: 82 Resp: 361408
 Ion Ratio Lower Upper
 82 100
 128 35.4 29.7 44.5
 54 57.2 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG033650.D
 Acq: 7 Apr 2018 4:54

Tgt Ion:164 Resp: 130913
 Ion Ratio Lower Upper
 164 100
 162 99.1 78.8 118.2
 160 44.2 35.4 53.0

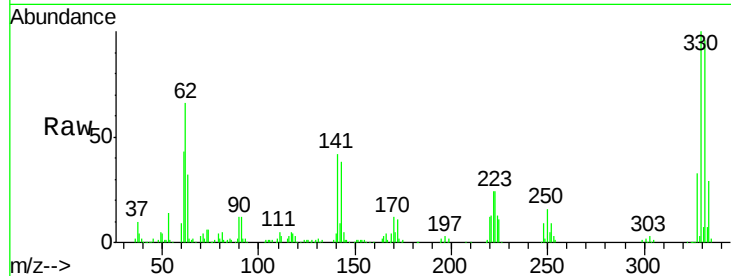




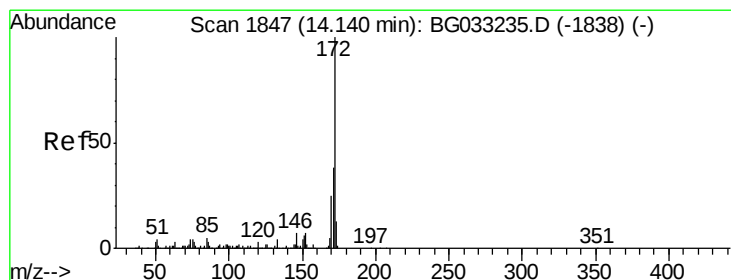
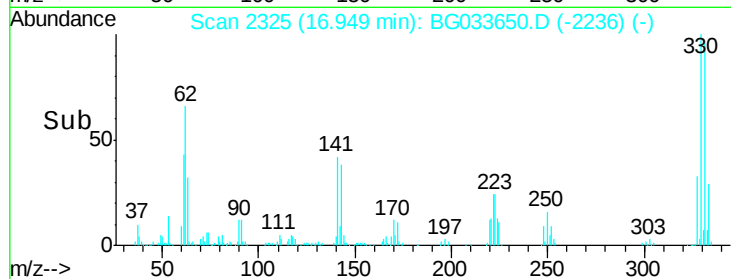
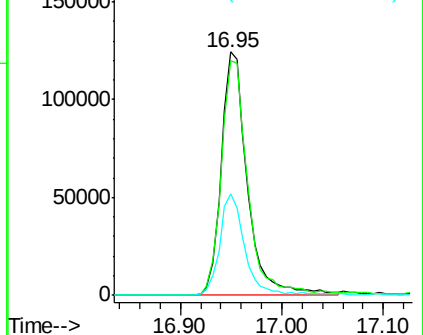
#41
 2,4,6-Tribromophenol
 Concen: 113.854 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033650.D
 Acq: 7 Apr 2018 4:54

Instrument :
 BNA_G
 ClientSampleId :
 RT3059

Tot Ion:330 Resp: 222922
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 39.8 25.2 37.8#

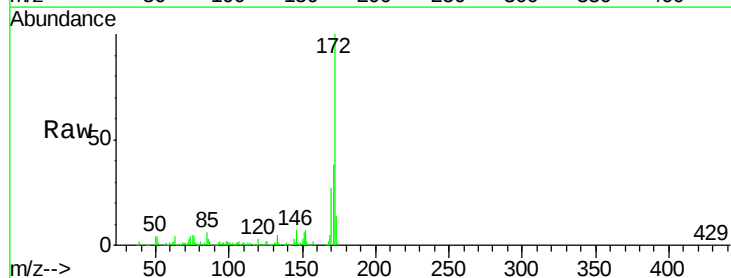


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

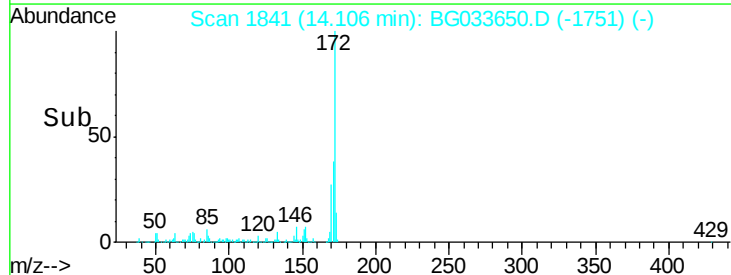
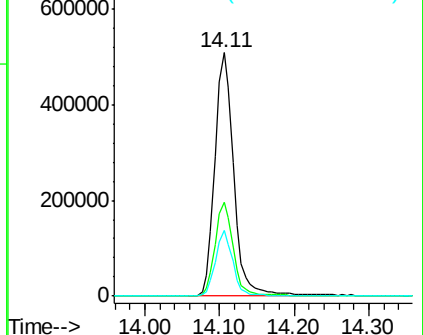


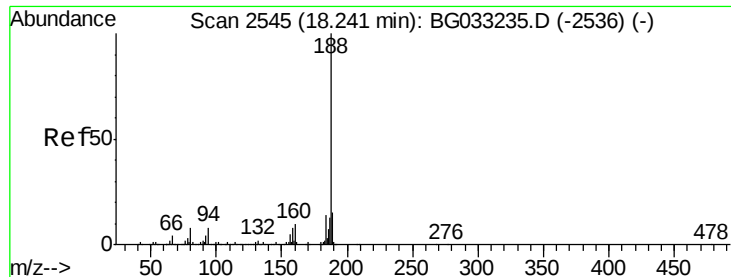
#44
 2-Fluorobiphenyl
 Concen: 99.228 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033650.D
 Acq: 7 Apr 2018 4:54

Tgt Ion:172 Resp: 899832
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.0 45.0
 170 26.9 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

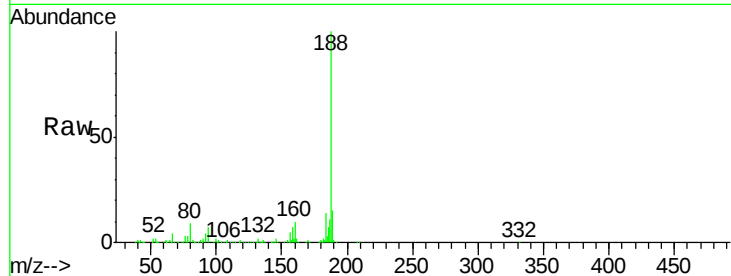




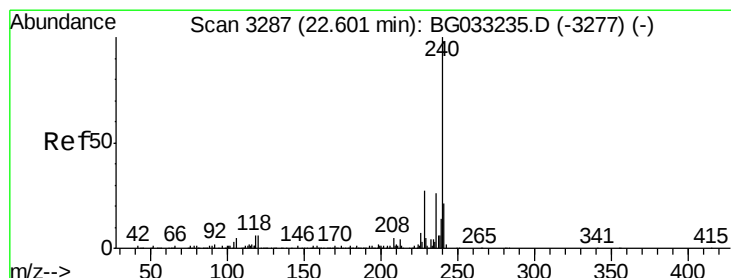
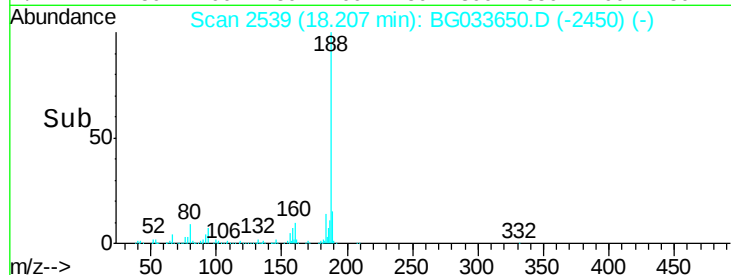
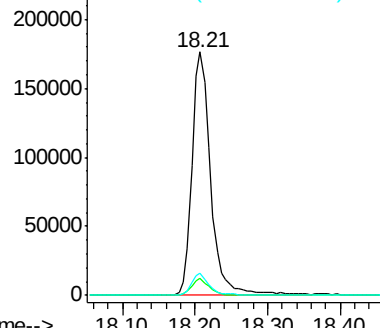
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BG033650.D
Acq: 7 Apr 2018 4:54

Instrument :
BNA_G
ClientSampleId :
RT3059

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.9	10.3
80	9.1	7.7	11.5

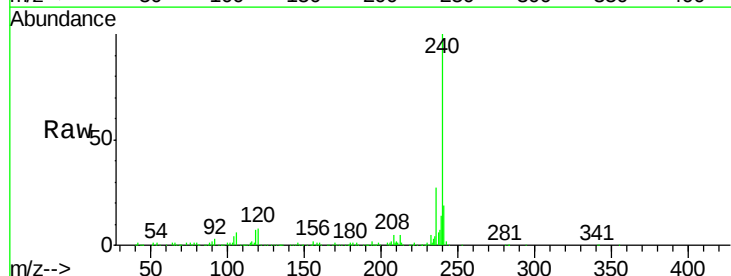


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

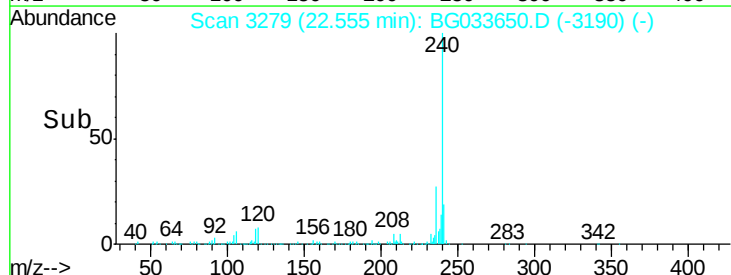
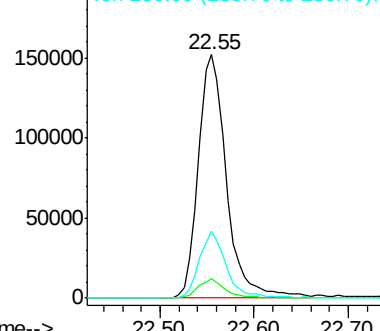


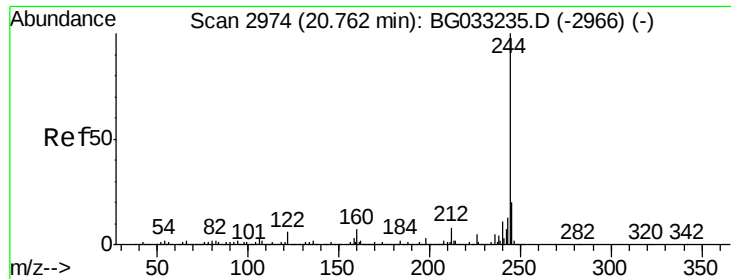
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.00 min
Lab File: BG033650.D
Acq: 7 Apr 2018 4:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.8	10.2
236	27.3	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: 105.516 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033650.D

Acq: 7 Apr 2018 4:54

Instrument :

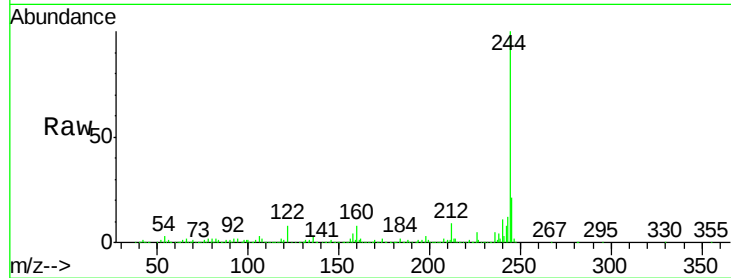
BNA_G

ClientSampleId :

RT3059

Tot Ion:244 Resp: 1564774

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	7.9	7.0	10.4

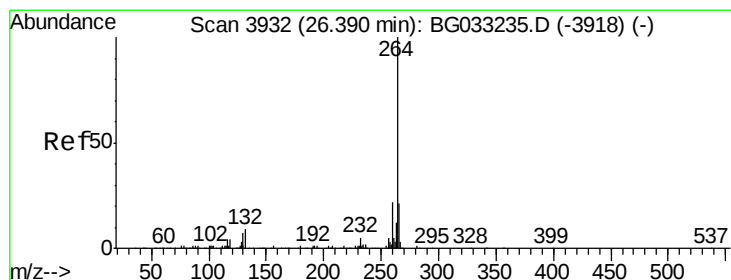
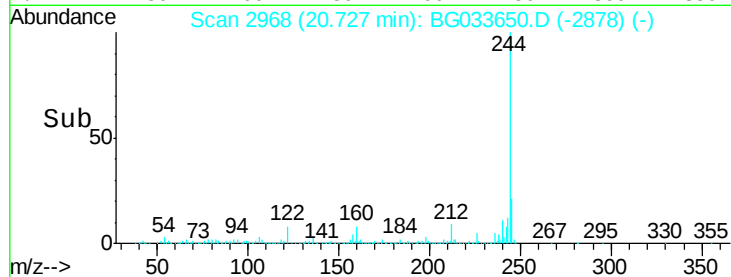
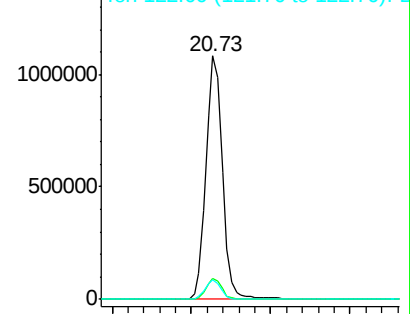


Abundance

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

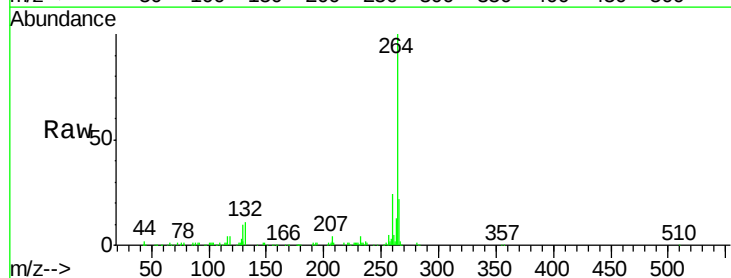
Delta R.T. 0.00 min

Lab File: BG033650.D

Acq: 7 Apr 2018 4:54

Tgt Ion:264 Resp: 308947

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	22.1	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

