

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033660.D
 Acq On : 7 Apr 2018 11:10
 Operator : SJ/JU
 Sample : J2225-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 040218-DBRI-F-D-S

Quant Time: Apr 09 03:06:22 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	33975	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	161234	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	130104	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	327081	20.00	ng	0.00
75) Chrysene-d12	22.55	240	328842	20.00	ng	0.00
86) Perylene-d12	26.32	264	331881	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	78353	43.24	ng	0.00
7) Phenol-d6	7.98	99	72773	23.38	ng	0.00
23) Nitrobenzene-d5	10.06	82	334188	95.23	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	152370	78.30	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	829509	92.04	ng	0.00
78) Terphenyl-d14	20.73	244	1414497	91.99	ng	0.00

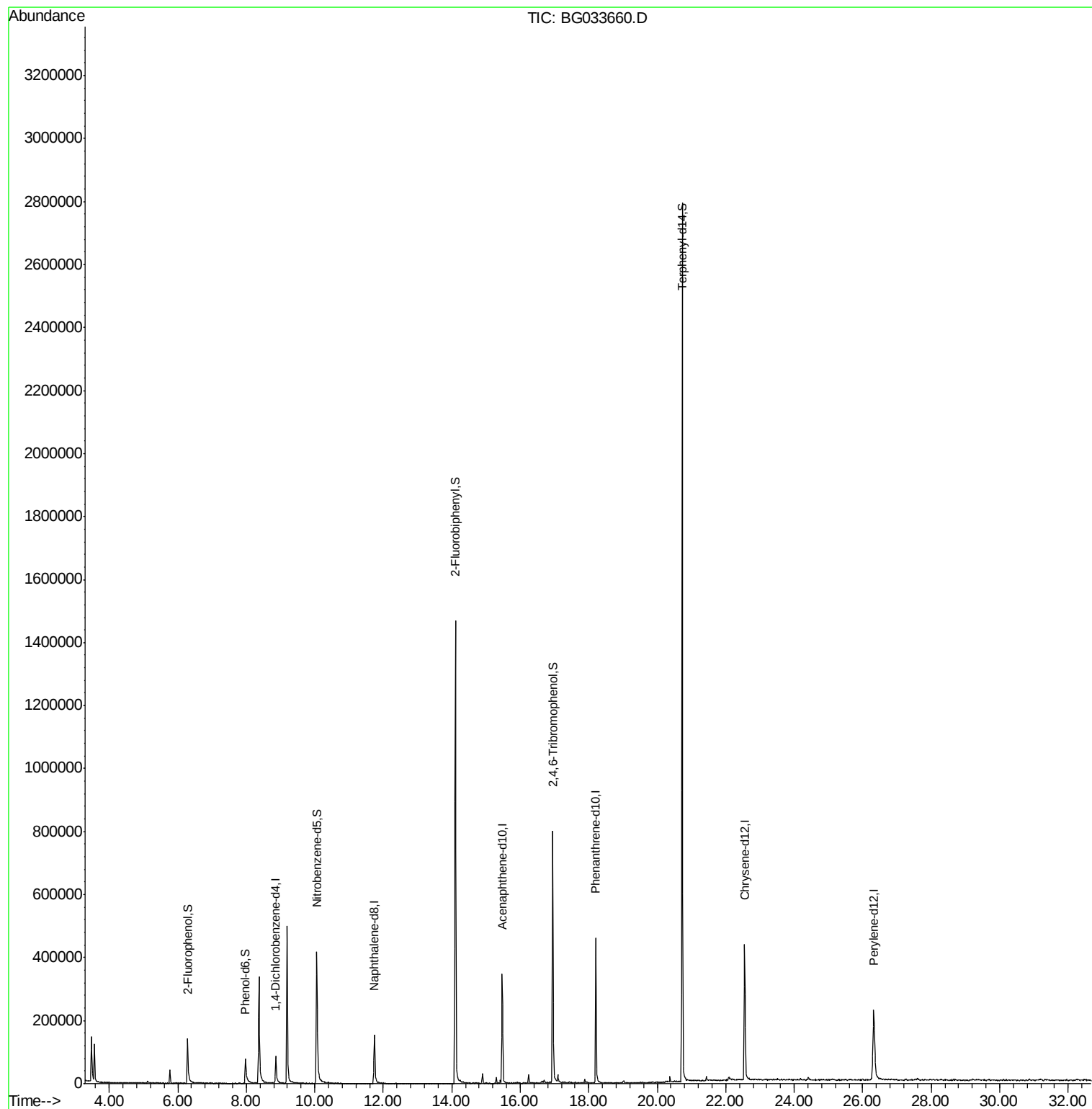
Target Compounds Qvalue

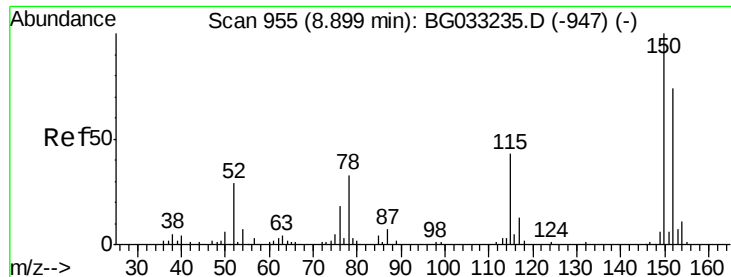
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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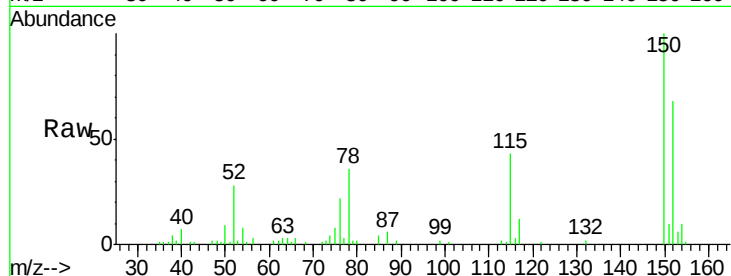


#1

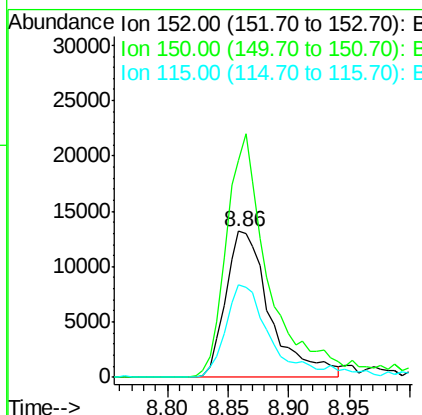
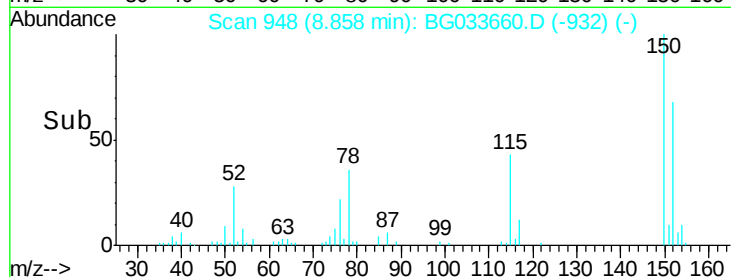
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BG033660.D
 Acq: 7 Apr 2018 11:10

Instrument :
 BNA_G
 ClientSampleId :
 040218-DBRI-F-D-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.7	126.6	189.8
115	62.9	53.0	79.4



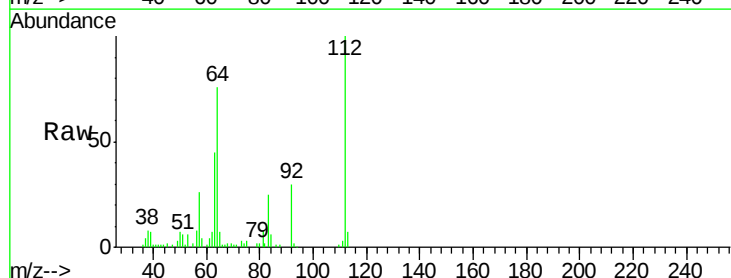
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



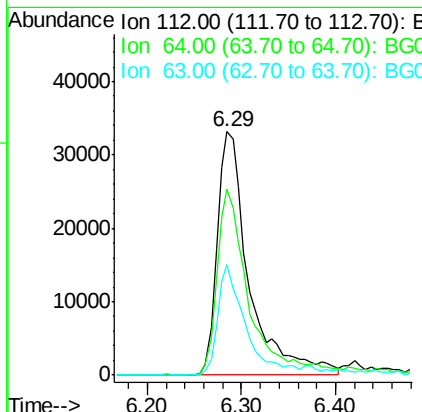
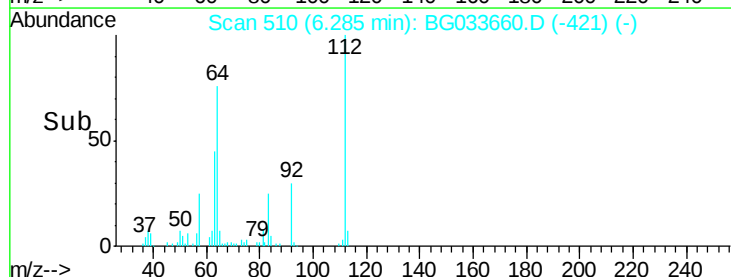
#5

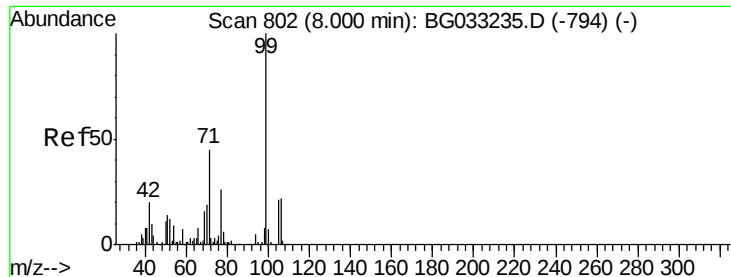
2-Fluorophenol
 Concen: 43.244 ng
 RT: 6.29 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BG033660.D
 Acq: 7 Apr 2018 11:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.4	56.3	84.5
63	45.3	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: 23.376 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.01 min

Lab File: BG033660.D

Acq: 7 Apr 2018 11:10

Instrument :

BNA_G

ClientSampleId :

040218-DBRI-F-D-S

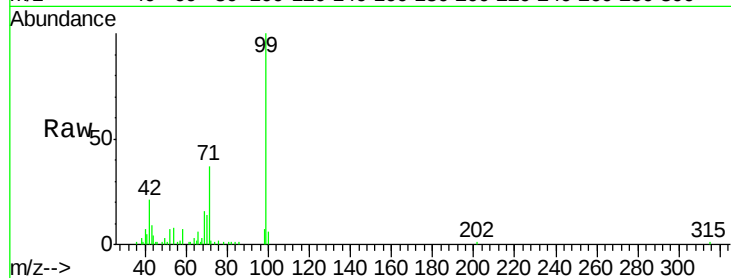
Tot Ion: 99 Resp: 72773

Ion Ratio Lower Upper

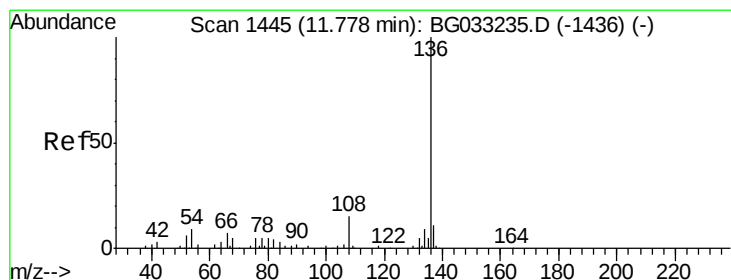
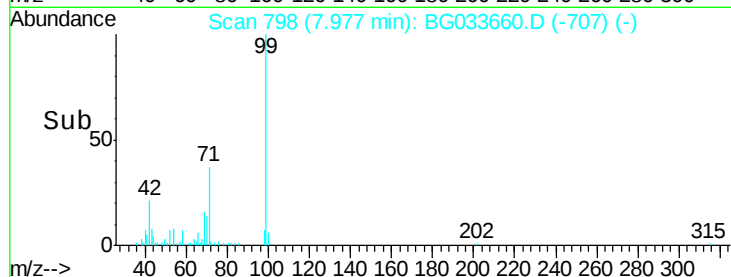
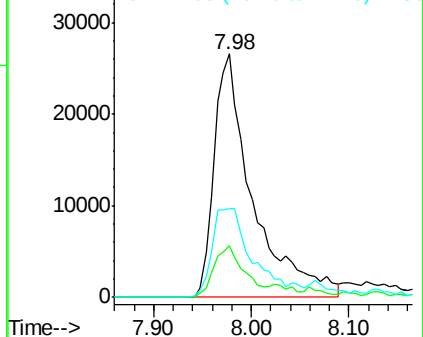
99 100

42 21.2 14.1 21.1#

71 36.6 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: BG033660.D

Acq: 7 Apr 2018 11:10

Tgt Ion: 136 Resp: 161234

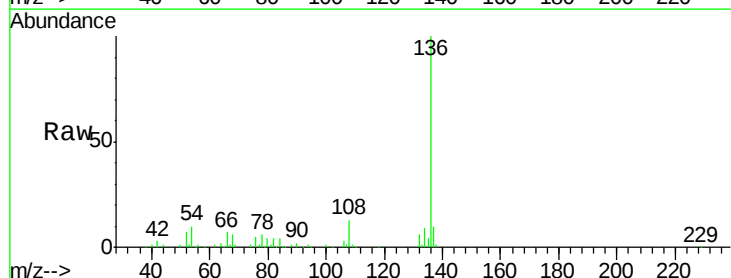
Ion Ratio Lower Upper

136 100

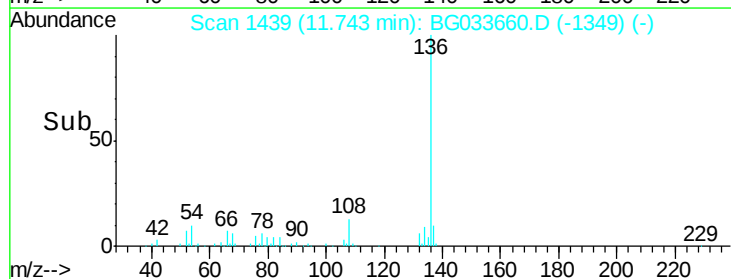
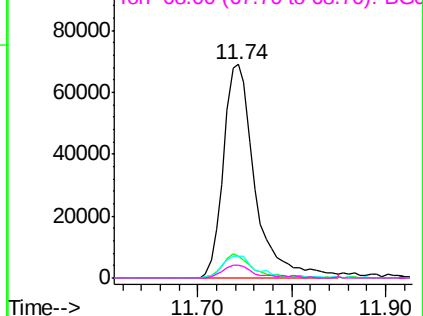
137 10.4 9.2 13.8

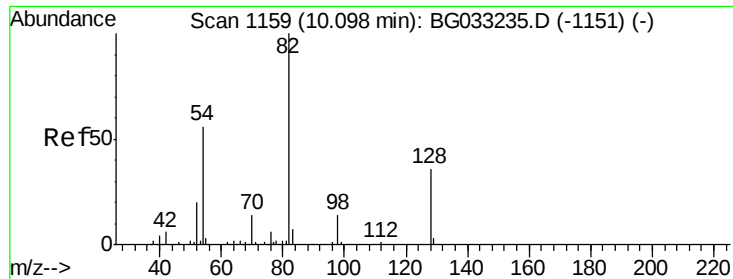
54 10.1 10.3 15.5#

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: 95.228 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG033660.D

Acq: 7 Apr 2018 11:10

Instrument :

BNA_G

ClientSampleId :

040218-DBRI-F-D-S

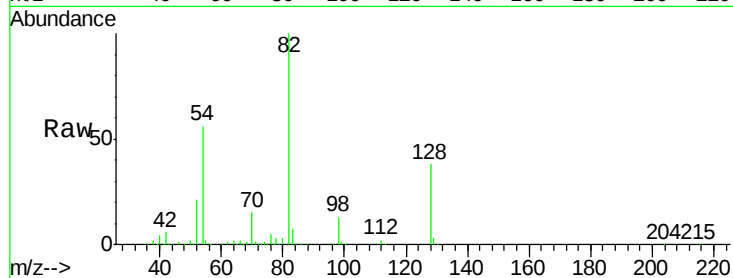
Tot Ion: 82 Resp: 334188

Ion Ratio Lower Upper

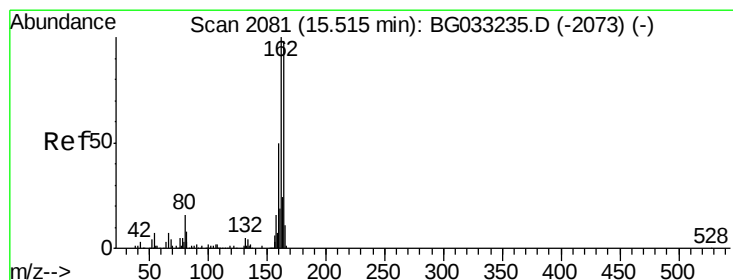
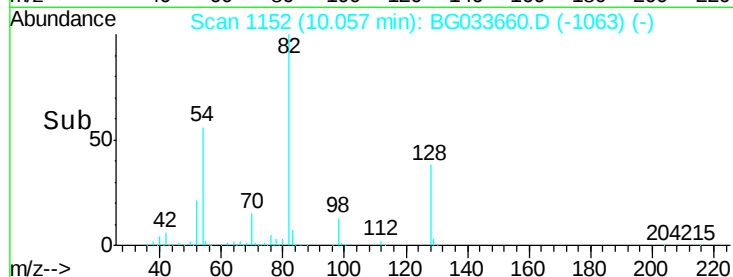
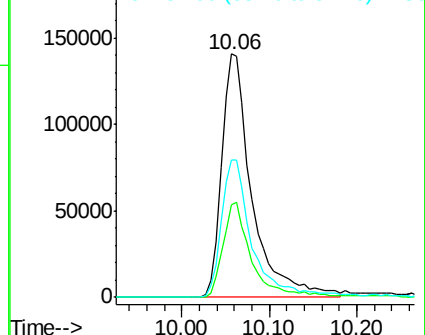
82 100

128 38.1 29.7 44.5

54 56.4 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BG033660.D

Acq: 7 Apr 2018 11:10

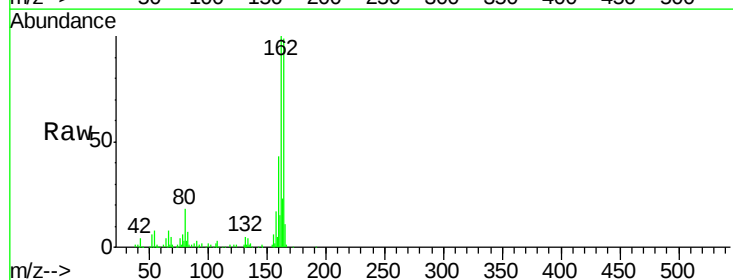
Tgt Ion:164 Resp: 130104

Ion Ratio Lower Upper

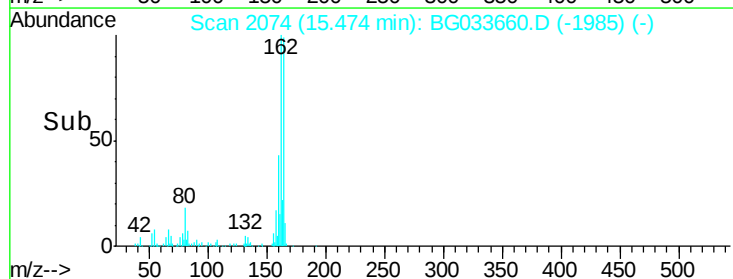
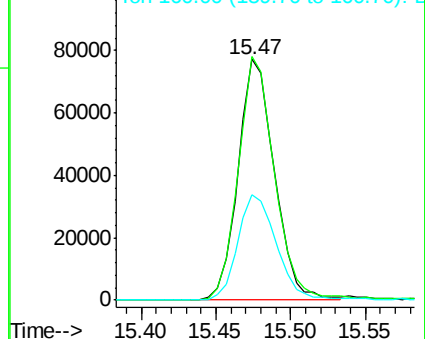
164 100

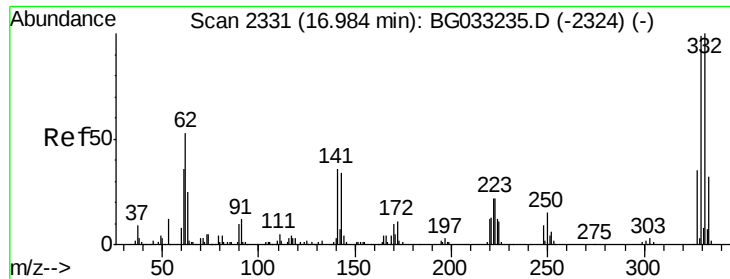
162 101.2 78.8 118.2

160 43.9 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

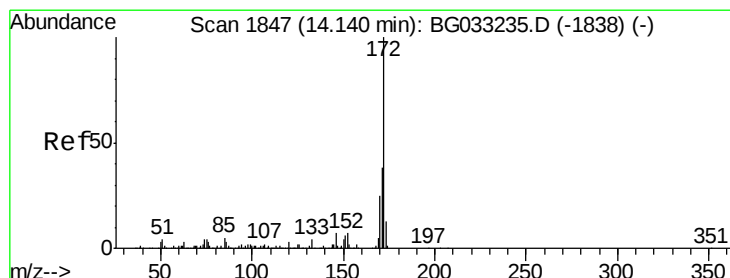
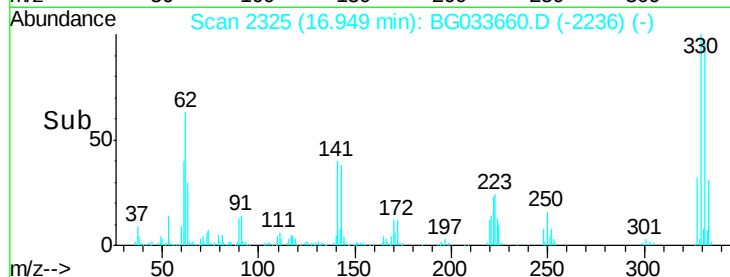
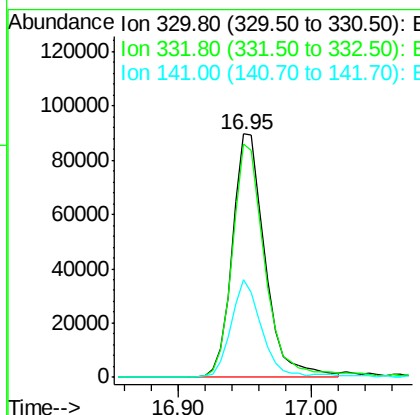
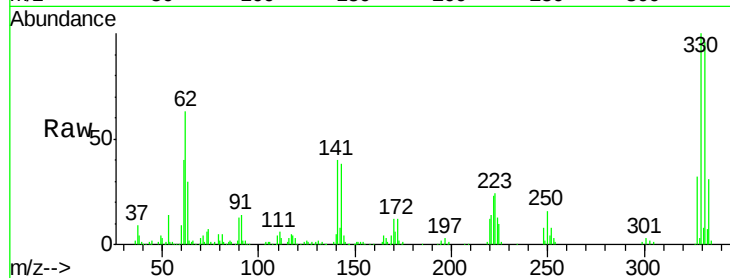




#41
 2,4,6-Tribromophenol
 Concen: 78.305 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033660.D
 Acq: 7 Apr 2018 11:10

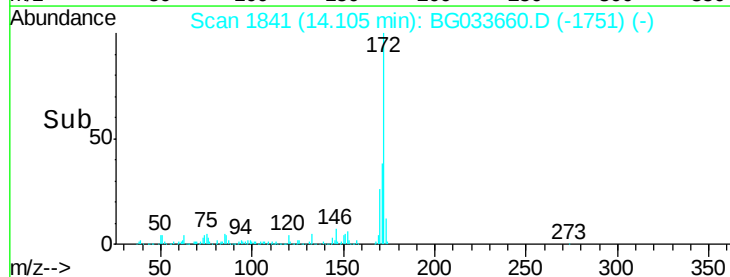
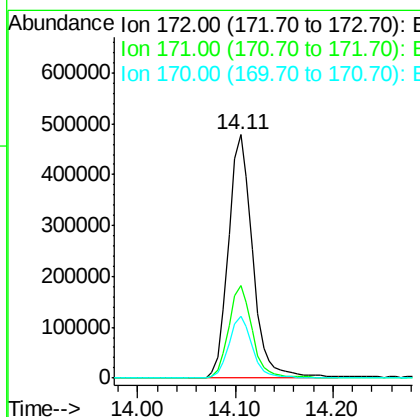
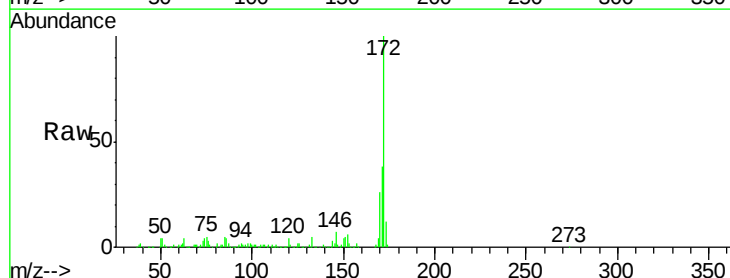
Instrument :
 BNA_G
 ClientSampleId :
 040218-DBRI-F-D-S

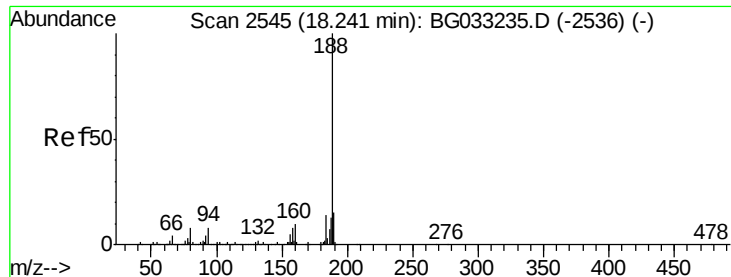
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	38.3	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 92.042 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033660.D
 Acq: 7 Apr 2018 11:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	25.5	19.5	29.3

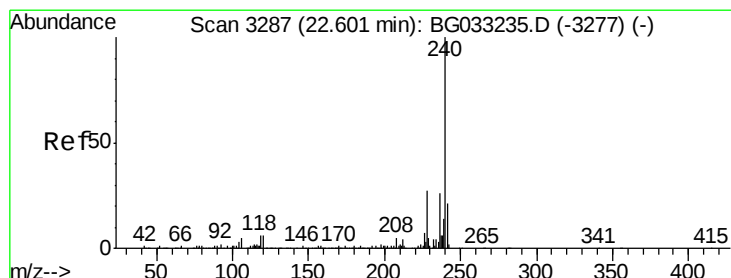
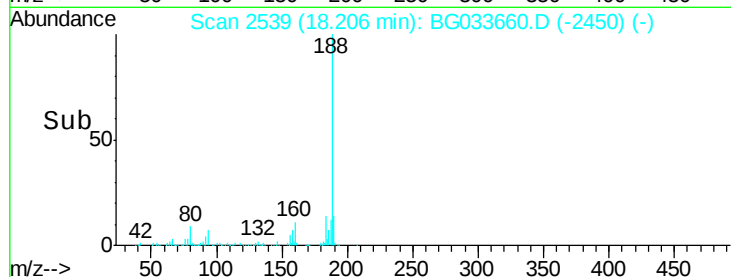
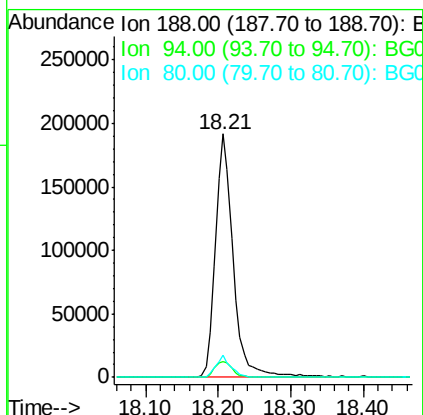
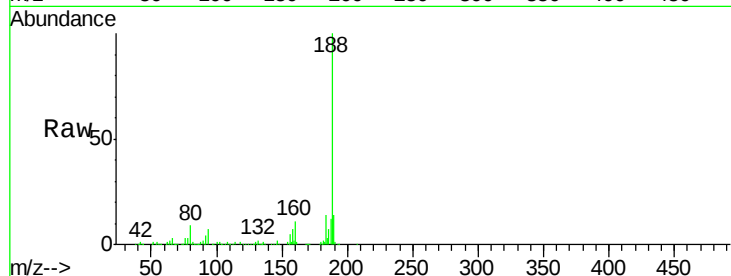




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033660.D
Acq: 7 Apr 2018 11:10

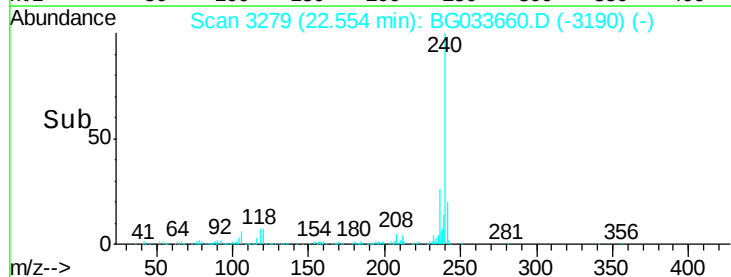
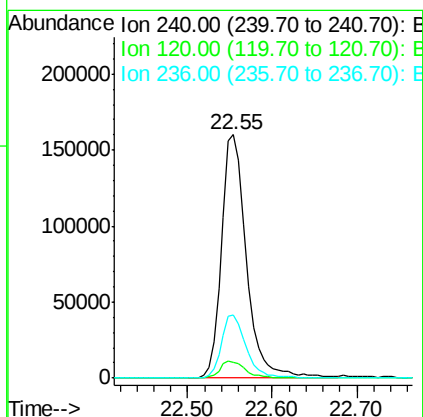
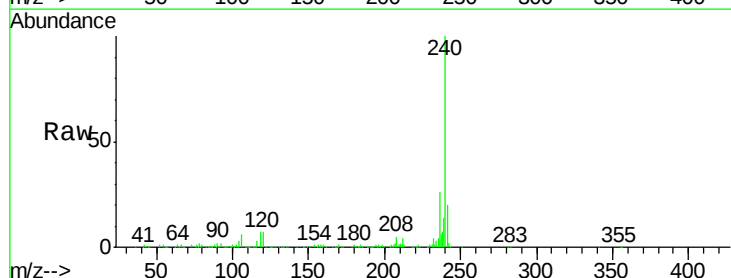
Instrument :
BNA_G
ClientSampleId :
040218-DBRI-F-D-S

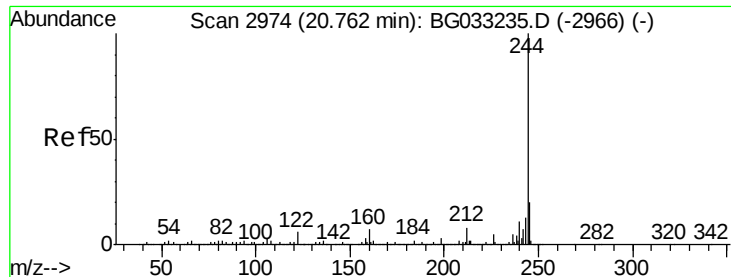
Tot Ion:188 Resp: 327081
Ion Ratio Lower Upper
188 100
94 6.6 6.9 10.3#
80 9.1 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033660.D
Acq: 7 Apr 2018 11:10

Tgt Ion:240 Resp: 328842
Ion Ratio Lower Upper
240 100
120 6.6 6.8 10.2#
236 25.9 20.9 31.3





#78

Terphenyl-d14

Concen: 91.991 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033660.D

Acq: 7 Apr 2018 11:10

Instrument :

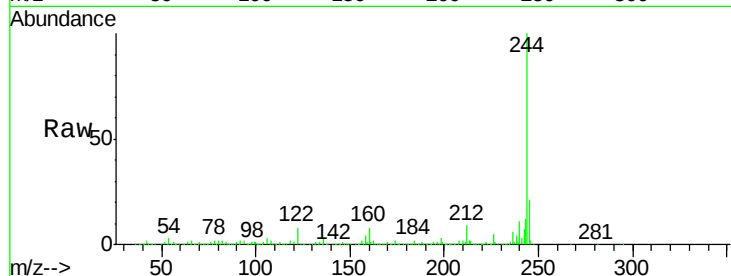
BNA_G

ClientSampleId :

040218-DBRI-F-D-S

Tot Ion:244 Resp: 1414497

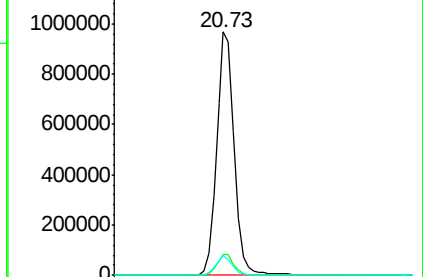
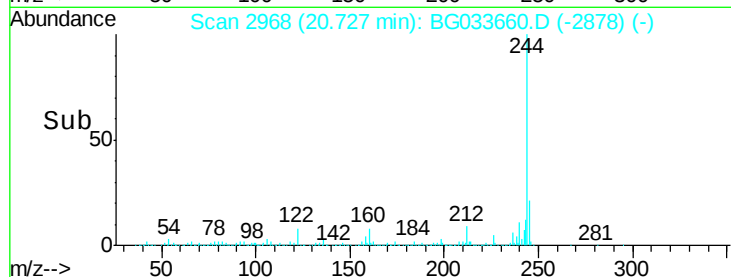
Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	8.0	7.0	10.4



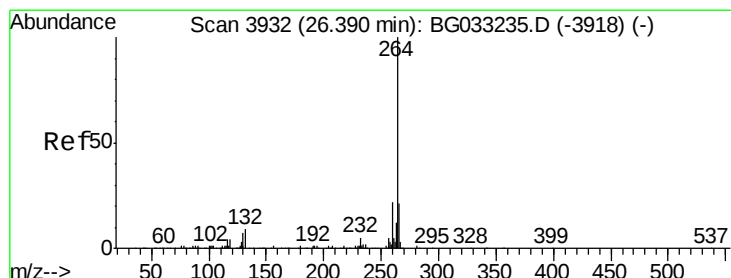
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 20.60 20.70 20.80 20.90



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.32 min Scan# 3920

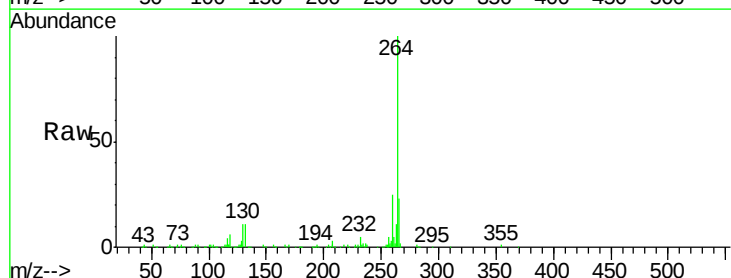
Delta R.T. 0.00 min

Lab File: BG033660.D

Acq: 7 Apr 2018 11:10

Tgt Ion:264 Resp: 331881

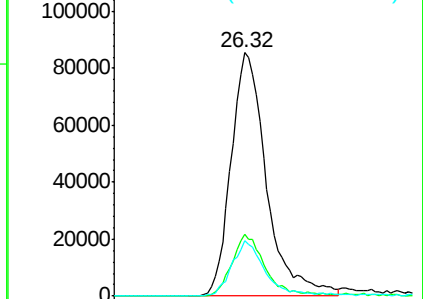
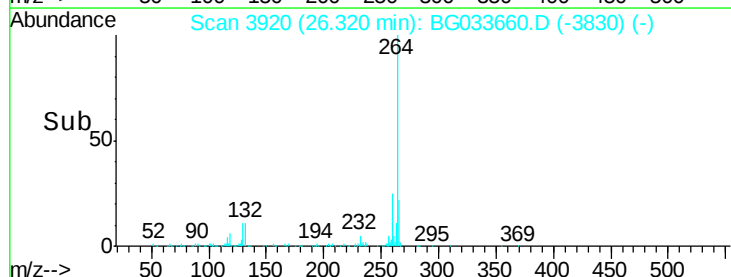
Ion	Ratio	Lower	Upper
264	100		
260	25.4	17.4	26.0
265	22.5	17.7	26.5



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



Time--> 26.20 26.40