

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
 Data File : BG033956.D
 Acq On : 24 Apr 2018 16:15
 Operator : SJ/JU
 Sample : J2471-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-6

Quant Time: Apr 25 00:17:04 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

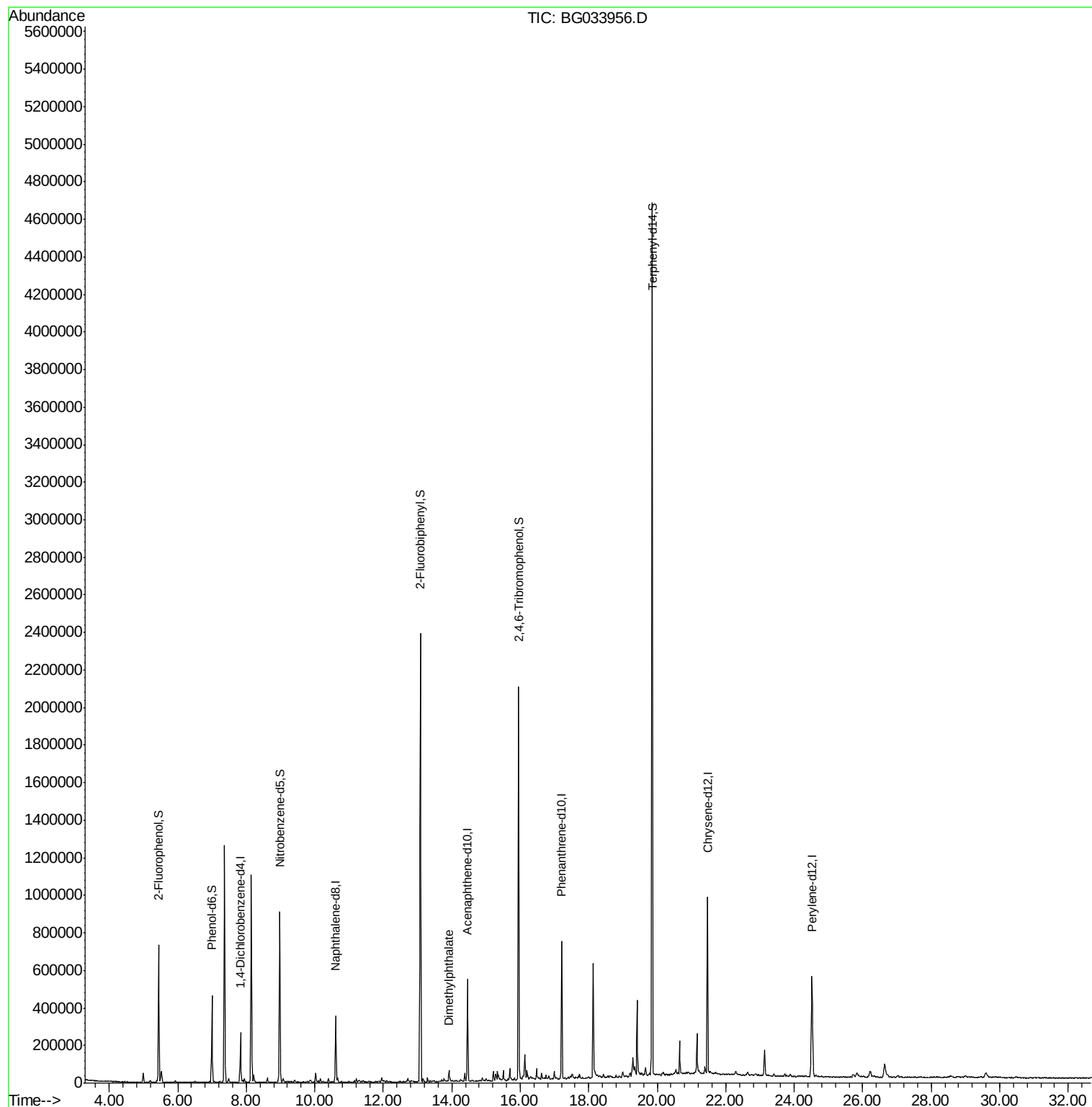
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	71777	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	301234	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	187826	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	463595	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	538481	20.00	ng	-0.02
86) Perylene-d12	24.52	264	556549	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	313669	69.77	ng	0.00
7) Phenol-d6	7.00	99	253446	38.65	ng	0.00
23) Nitrobenzene-d5	8.98	82	552302	104.34	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	369646	168.69	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1240982	97.06	ng	-0.02
78) Terphenyl-d14	19.85	244	2164041	90.29	ng	-0.01
Target Compounds						
49) Dimethylphthalate	13.92	163	37531	2.272	ng	Qvalue 98

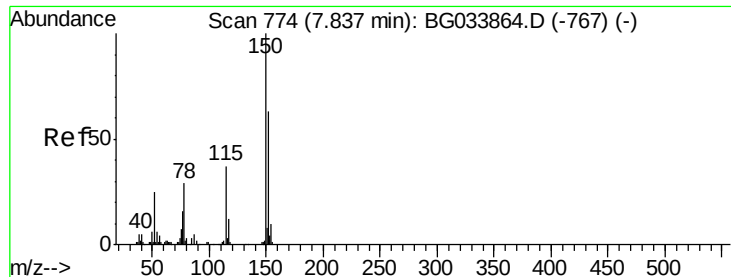
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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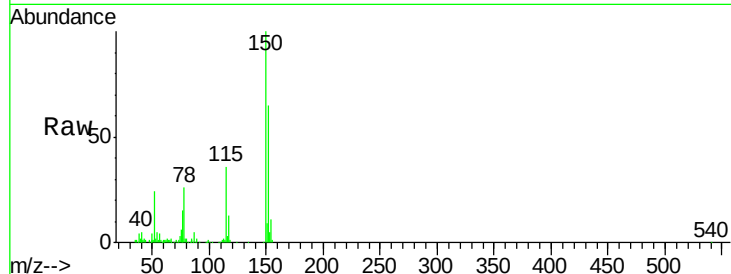


#1

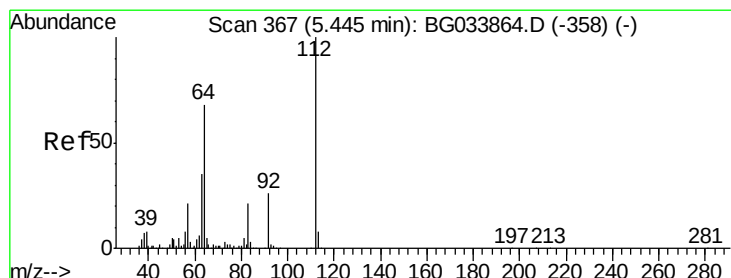
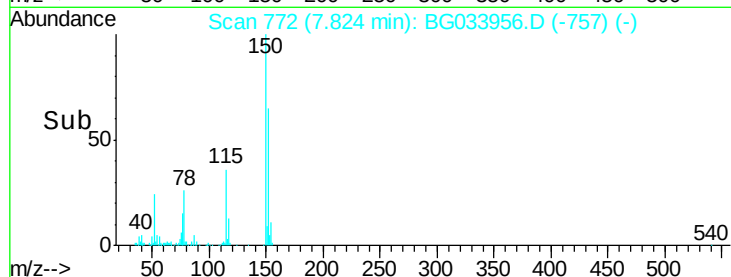
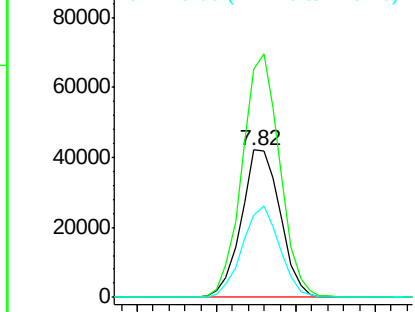
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 772
Delta R.T. -0.01 min
Lab File: BG033956.D
Acq: 24 Apr 2018 16:15

Instrument :
BNA_G
ClientSampleId :
MH-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.6	189.8
115	56.1	53.0	79.4



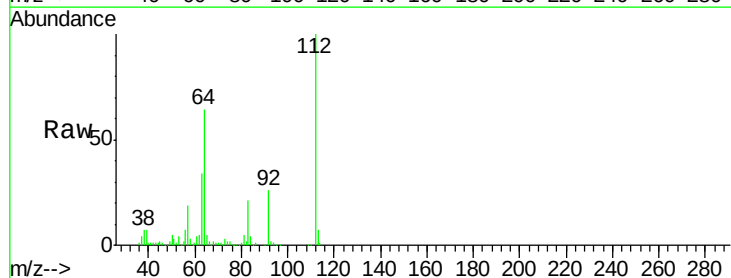
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



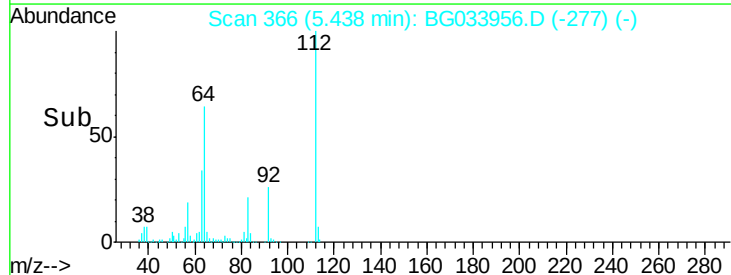
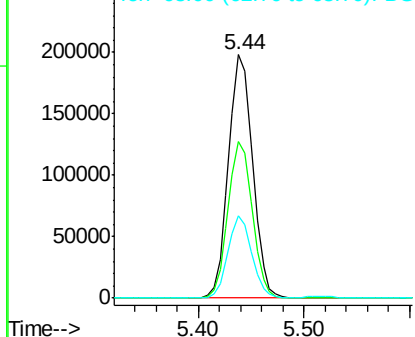
#5

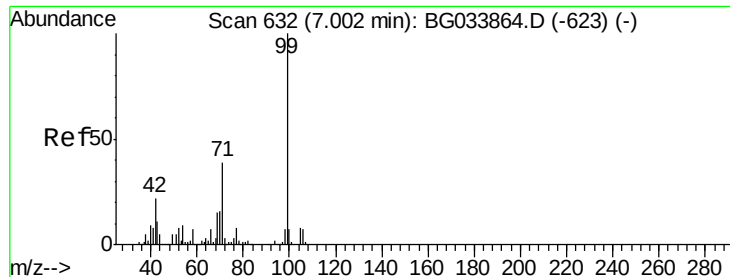
2-Fluorophenol
Concen: 69.769 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.01 min
Lab File: BG033956.D
Acq: 24 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	56.3	84.5
63	34.0	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: 38.650 ng

RT: 7.00 min Scan# 631

Delta R.T. -0.01 min

Lab File: BG033956.D

Acq: 24 Apr 2018 16:15

Instrument :

BNA_G

ClientSampleId :

MH-6

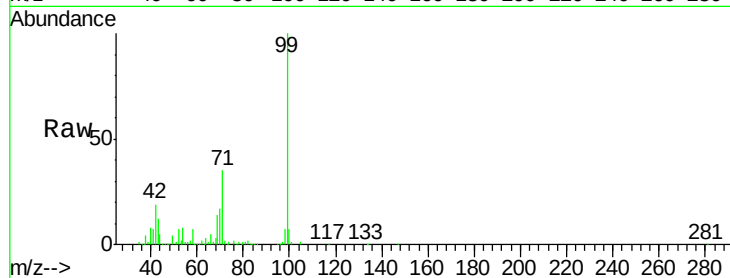
Tot Ion: 99 Resp: 253446

Ion Ratio Lower Upper

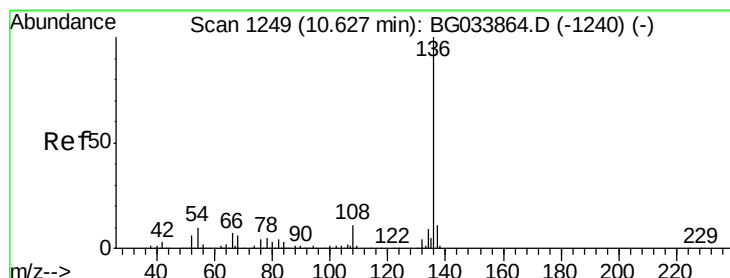
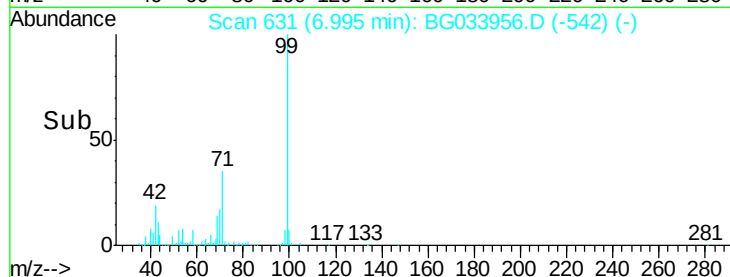
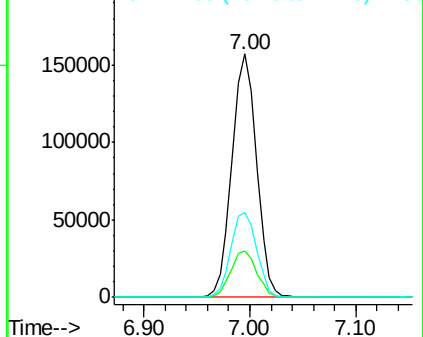
99 100

42 19.1 14.1 21.1

71 35.0 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: 10.61 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BG033956.D

Acq: 24 Apr 2018 16:15

Tgt Ion: 136 Resp: 301234

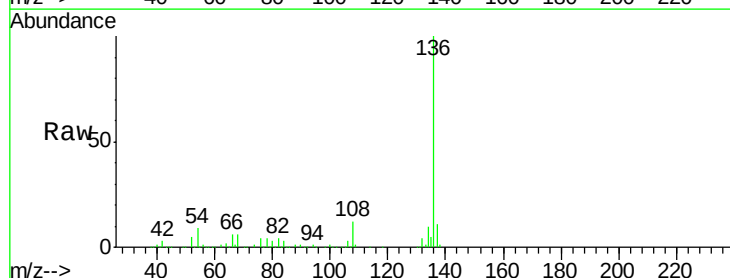
Ion Ratio Lower Upper

136 100

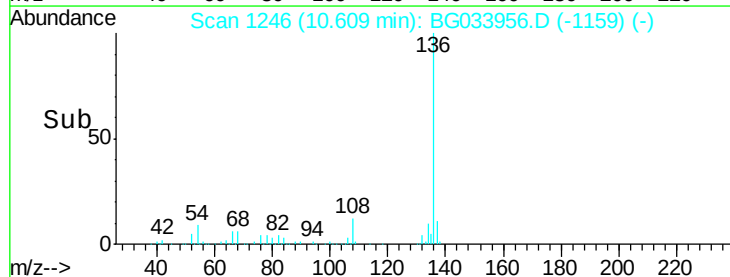
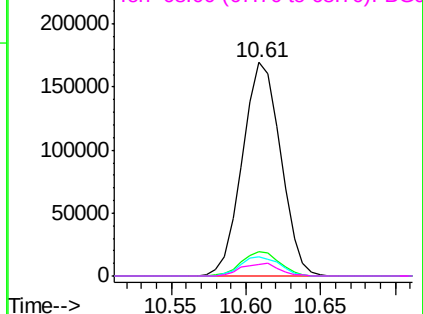
137 11.5 9.2 13.8

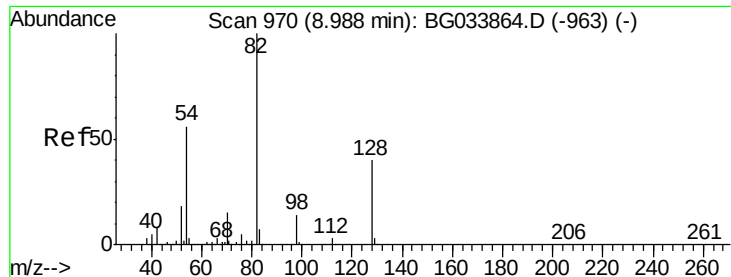
54 8.8 10.3 15.5#

68 5.7 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

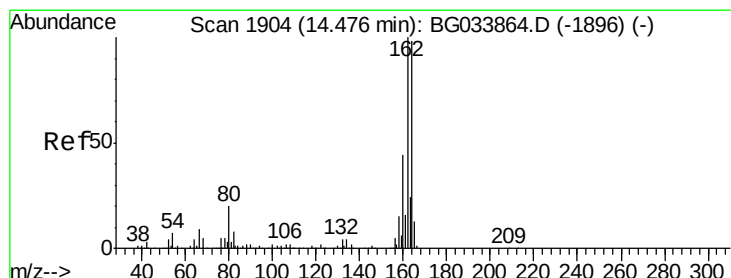
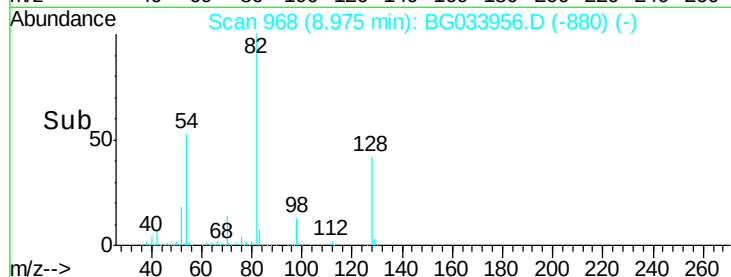
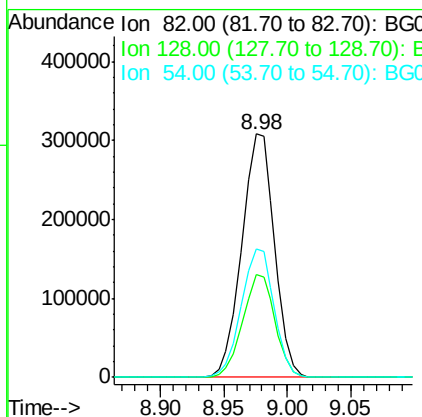
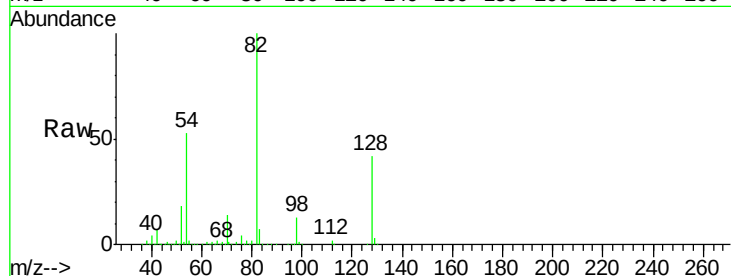




#23
 Nitrobenzene-d5
 Concen: 104.342 ng
 RT: 8.98 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BG033956.D
 Acq: 24 Apr 2018 16:15

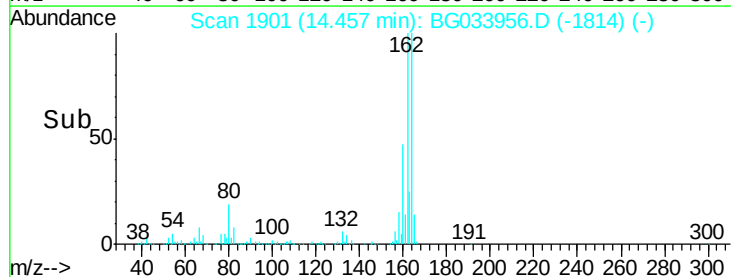
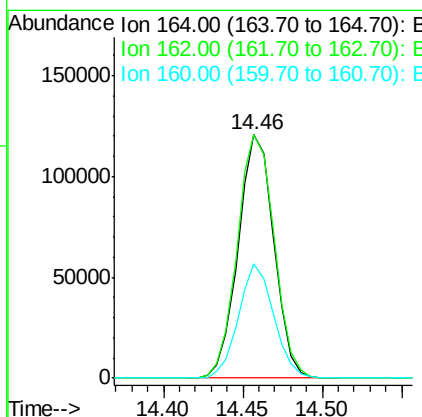
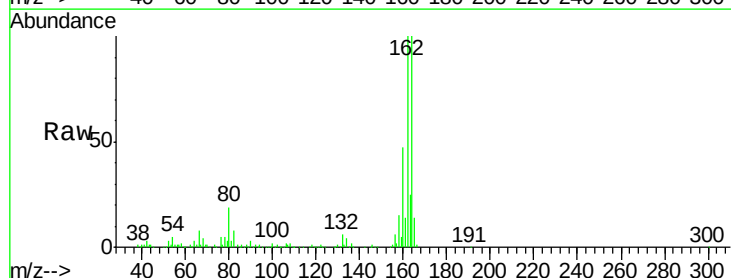
Instrument :
 BNA_G
 ClientSampleId :
 MH-6

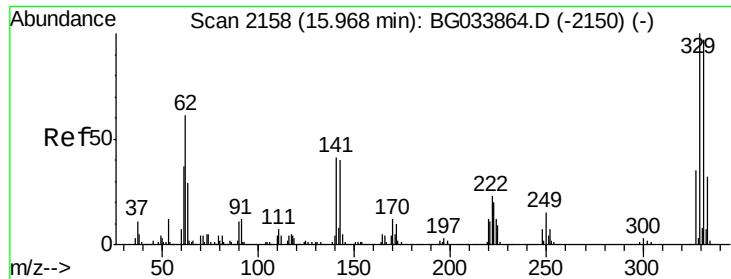
Tot Ion	82	Resp	552302
Ion Ratio	100	Lower	Upper
128	42.5	29.7	44.5
54	52.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.02 min
 Lab File: BG033956.D
 Acq: 24 Apr 2018 16:15

Tgt Ion	164	Resp	187826
Ion Ratio	100	Lower	Upper
162	99.9	78.8	118.2
160	46.8	35.4	53.0

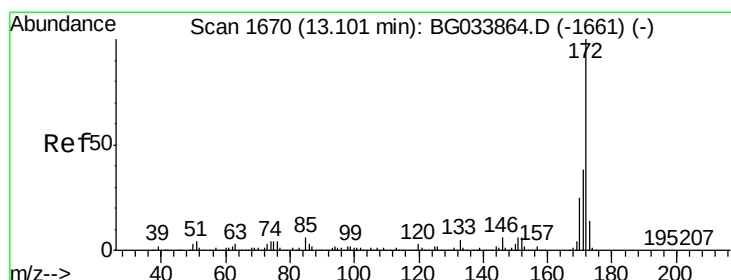
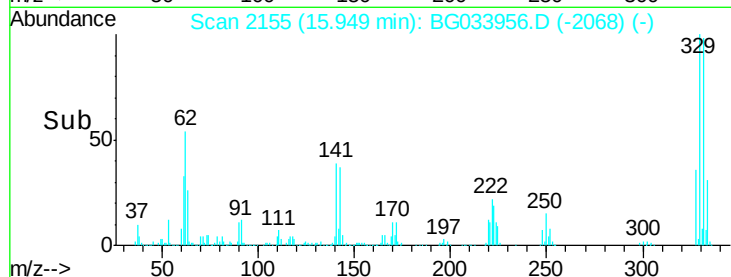
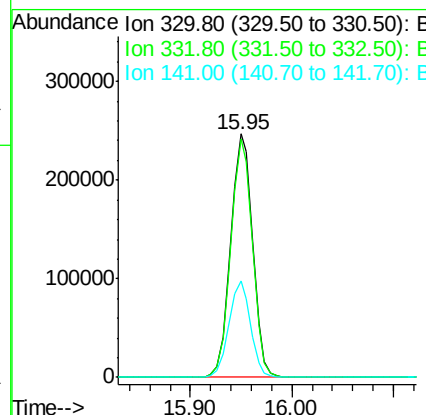
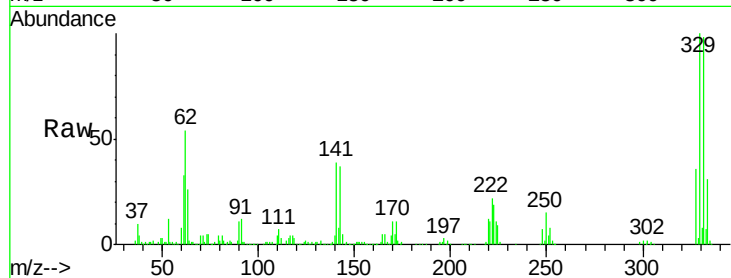




#41
 2,4,6-Tribromophenol
 Concen: 168.689 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033956.D
 Acq: 24 Apr 2018 16:15

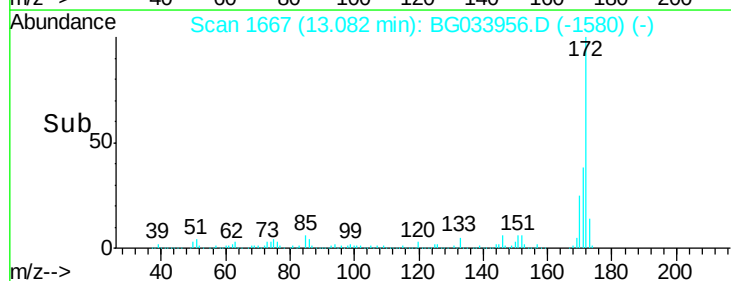
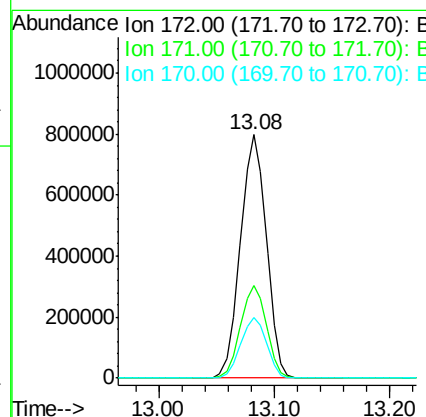
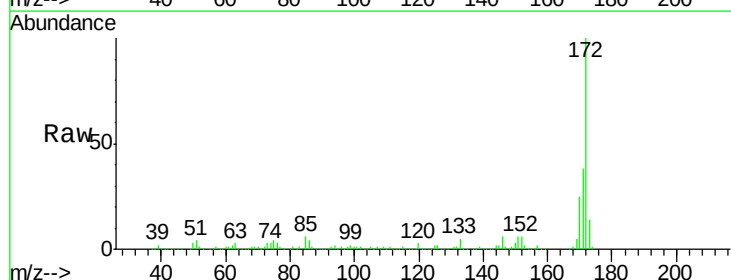
Instrument :
 BNA_G
 ClientSampleId :
 MH-6

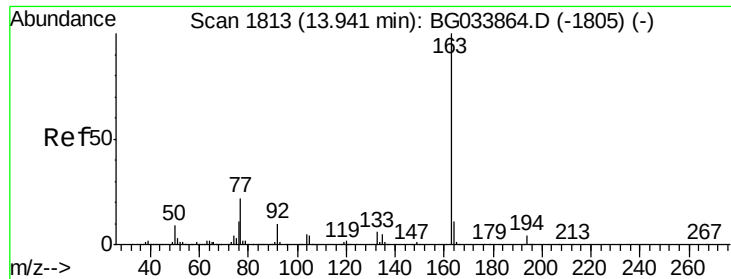
Tot Ion:330 Resp: 369646
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 38.7 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 97.060 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033956.D
 Acq: 24 Apr 2018 16:15

Tgt Ion:172 Resp: 1240982
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 25.1 19.5 29.3





#49

Dimethylphthalate

Concen: 2.272 ng

RT: 13.92 min Scan# 1809

Delta R.T. -0.02 min

Lab File: BG033956.D

Acq: 24 Apr 2018 16:15

Instrument :

BNA_G

ClientSampleId :

MH-6

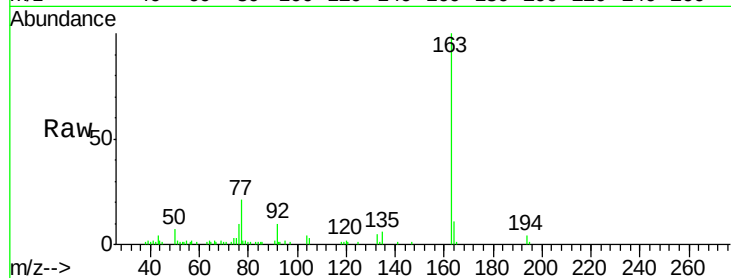
Tot Ion:163 Resp: 37531

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

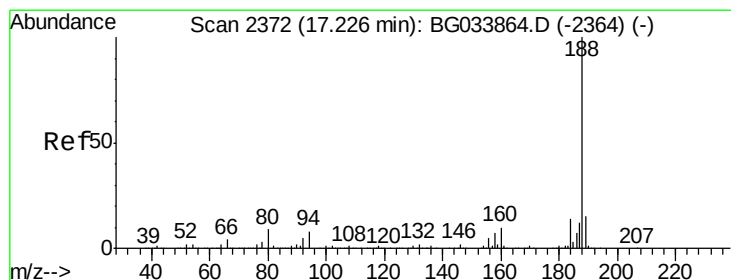
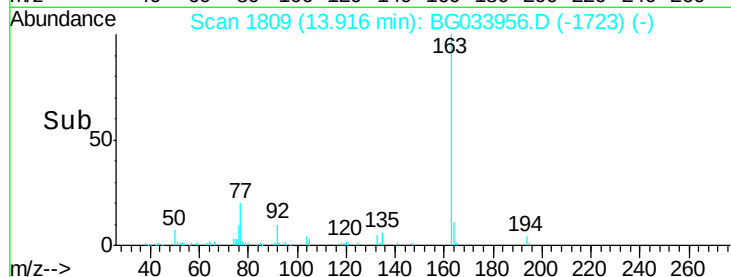
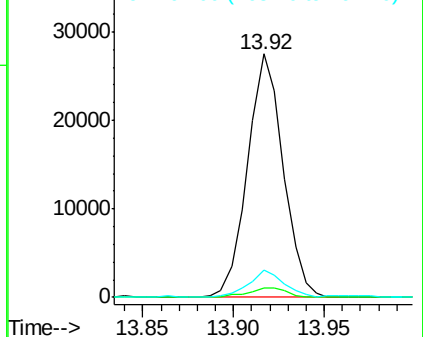
164 11.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.21 min Scan# 2369

Delta R.T. -0.02 min

Lab File: BG033956.D

Acq: 24 Apr 2018 16:15

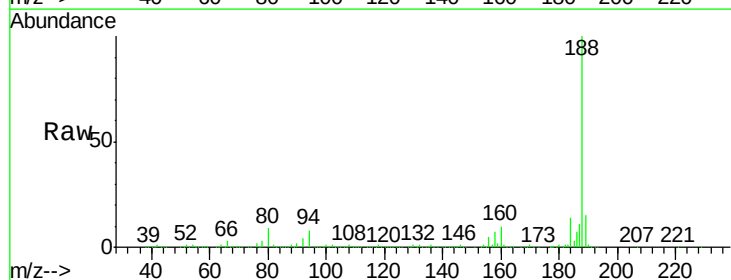
Tgt Ion:188 Resp: 463595

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

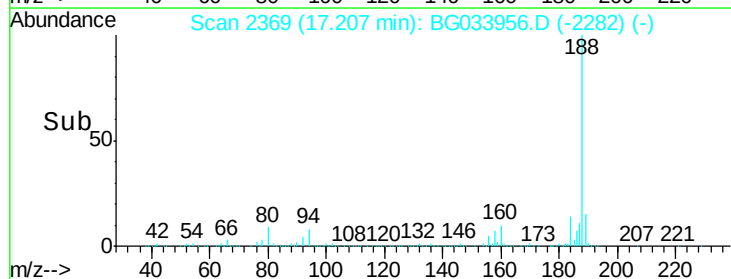
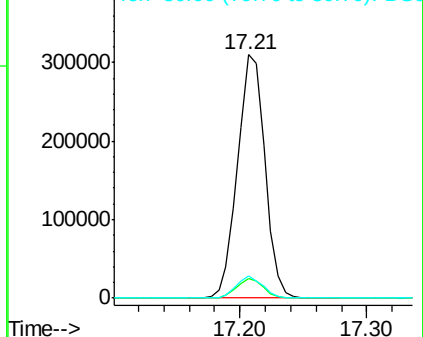
80 9.2 7.7 11.5

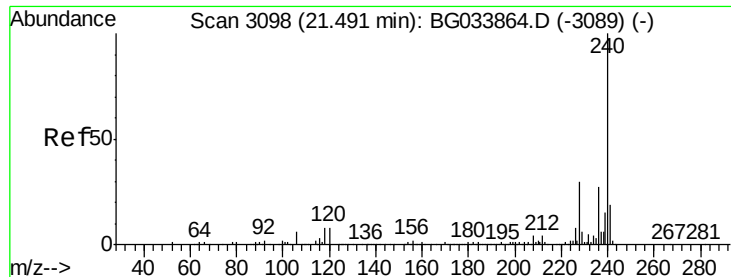


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.47 min Scan# 3094

Delta R.T. -0.02 min

Lab File: BG033956.D

Acq: 24 Apr 2018 16:15

Instrument :

BNA_G

ClientSampleId :

MH-6

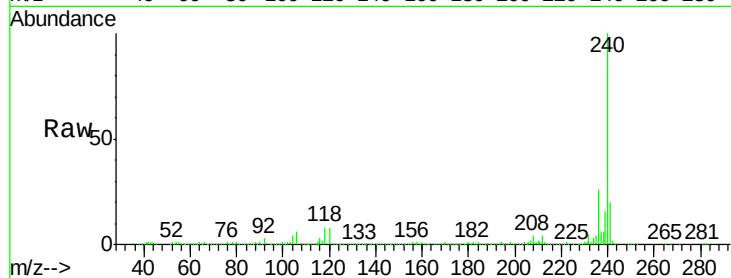
Tot Ion:240 Resp: 538481

Ion Ratio Lower Upper

240 100

120 8.4 6.8 10.2

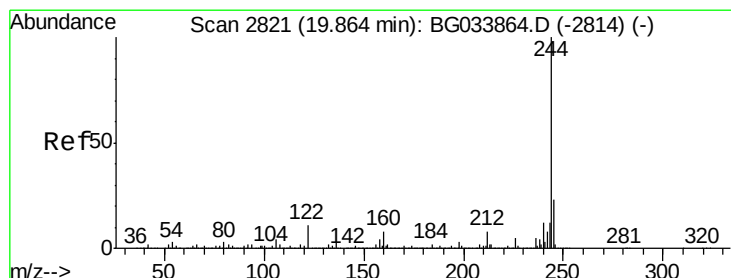
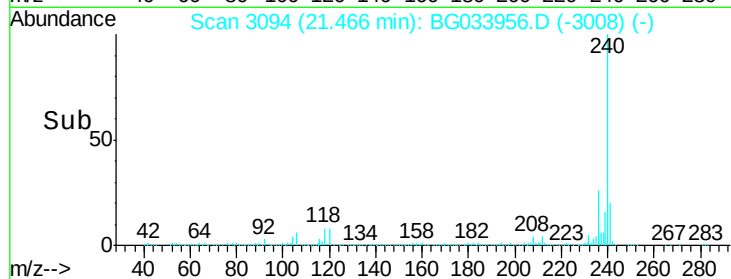
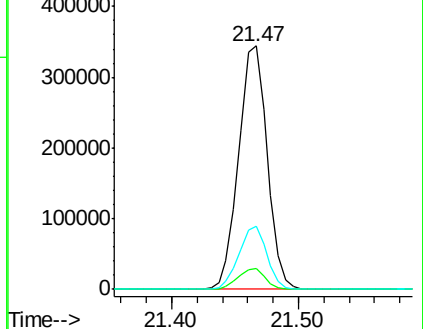
236 25.7 20.9 31.3



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: 90.287 ng

RT: 19.85 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG033956.D

Acq: 24 Apr 2018 16:15

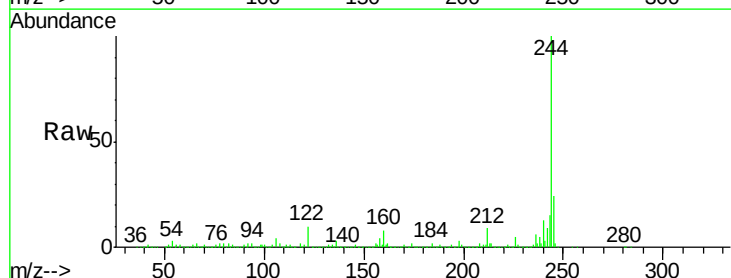
Tgt Ion:244 Resp: 2164041

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

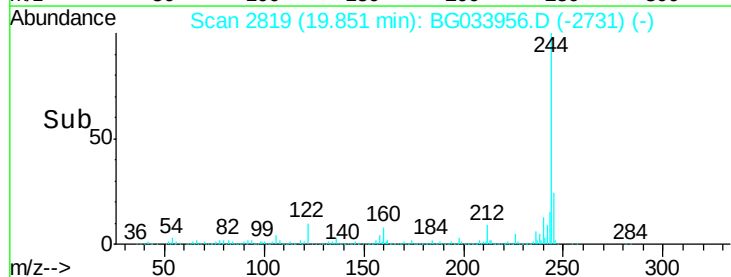
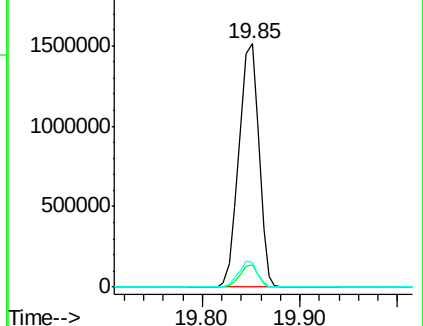
122 10.3 7.0 10.4

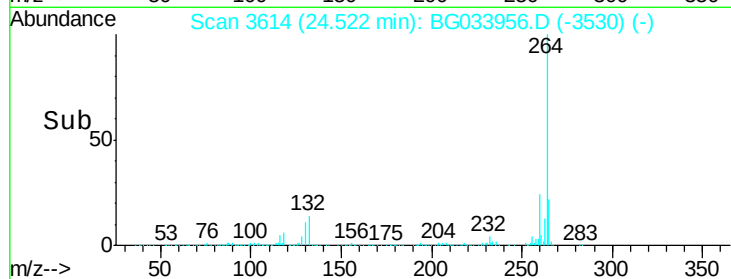
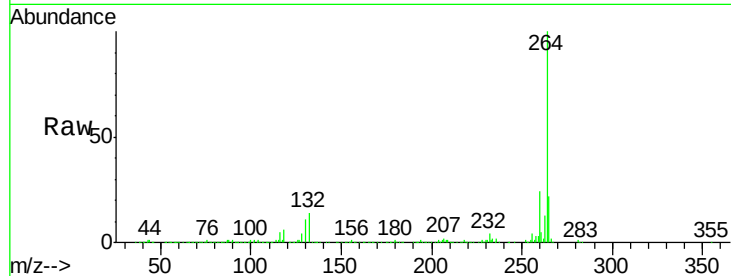
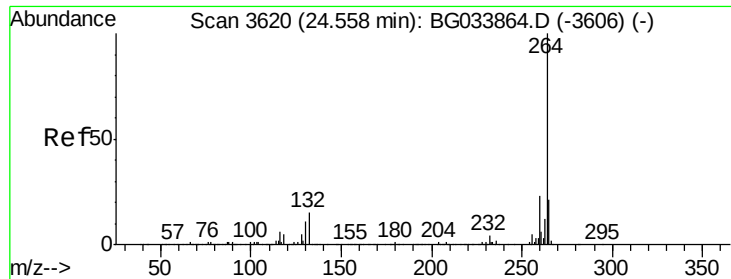


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.52 min Scan# 3614
 Delta R.T. -0.04 min
 Lab File: BG033956.D
 Acq: 24 Apr 2018 16:15

Instrument :
 BNA_G
 ClientSampleId :
 MH-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	21.6	17.7	26.5

