

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
 Data File : BG033719.D
 Acq On : 10 Apr 2018 18:39
 Operator : SJ/JU
 Sample : J2280-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S1

Quant Time: Apr 11 03:25:21 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

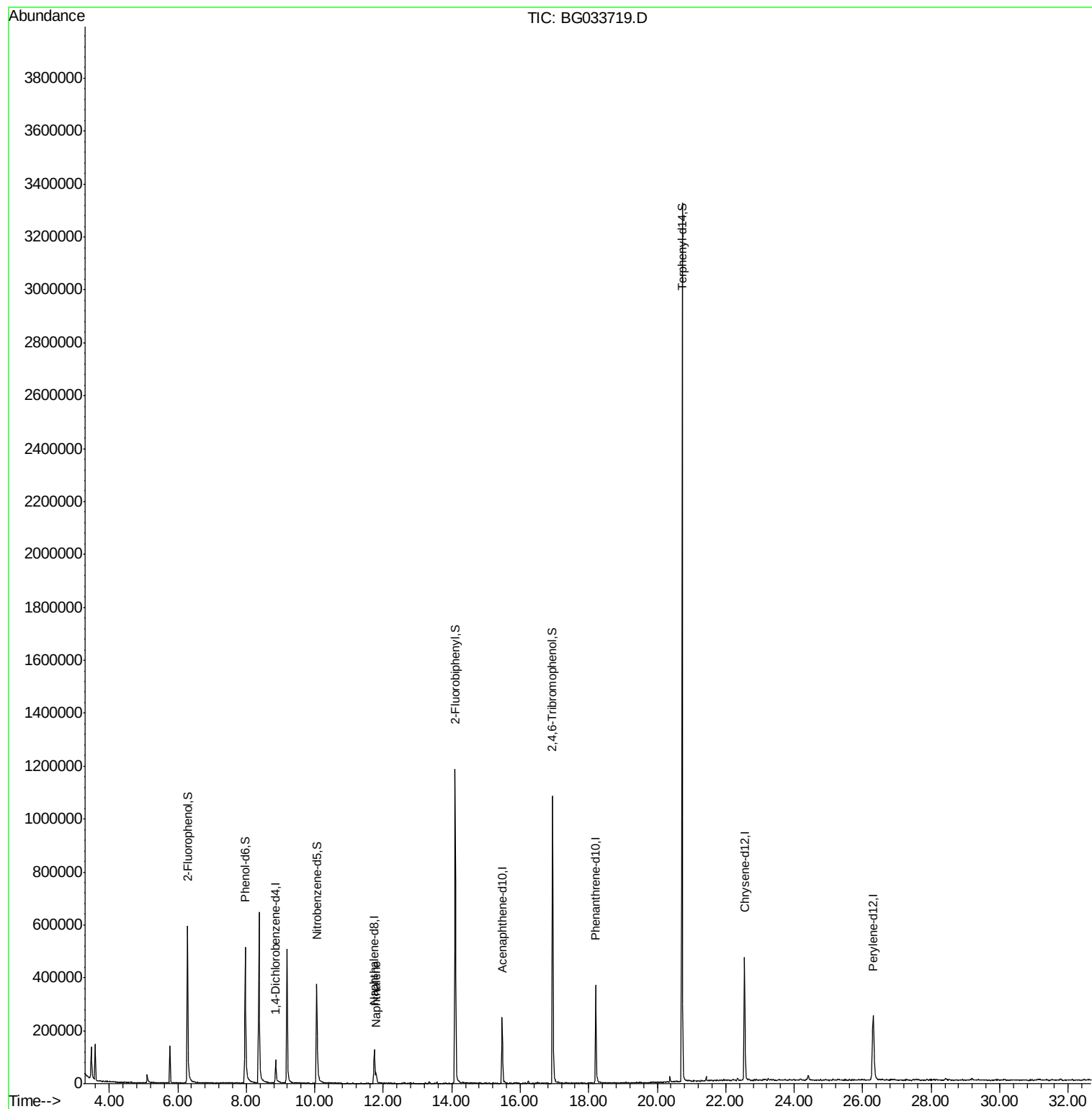
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	32517	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	128664	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	93672	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	275482	20.00	ng	0.00
75) Chrysene-d12	22.55	240	333870	20.00	ng	0.00
86) Perylene-d12	26.30	264	346608	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	284111	163.84	ng	0.00
7) Phenol-d6	7.96	99	369315	123.95	ng	0.00
23) Nitrobenzene-d5	10.06	82	286696	102.38	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	227504	162.39	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	660813	101.84	ng	0.00
78) Terphenyl-d14	20.73	244	1626331	104.17	ng	0.00
Target Compounds						
31) Naphthalene	11.79	128	35863	5.379	ng	Qvalue # 96

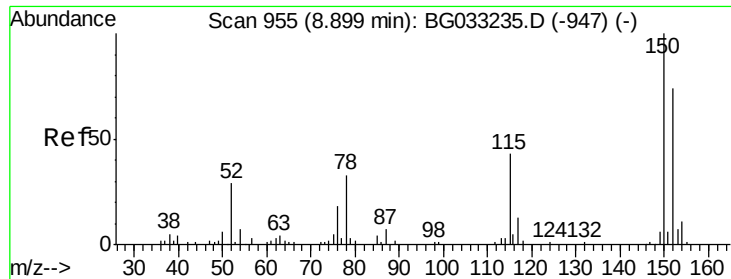
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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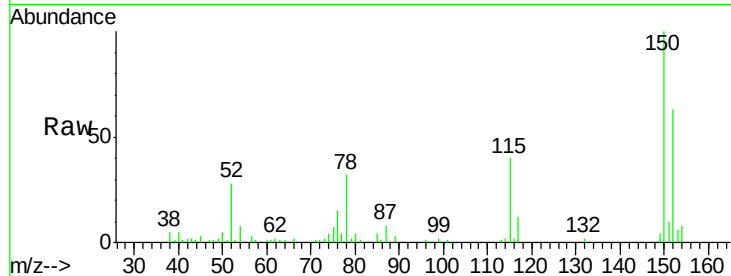


#1

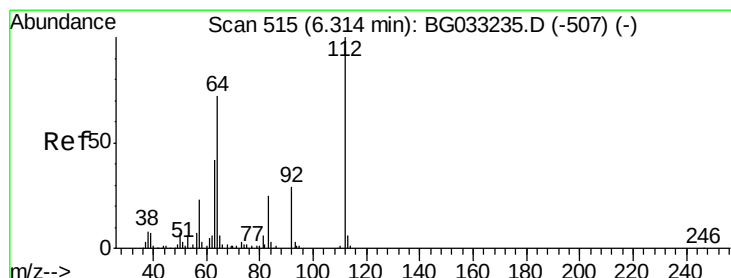
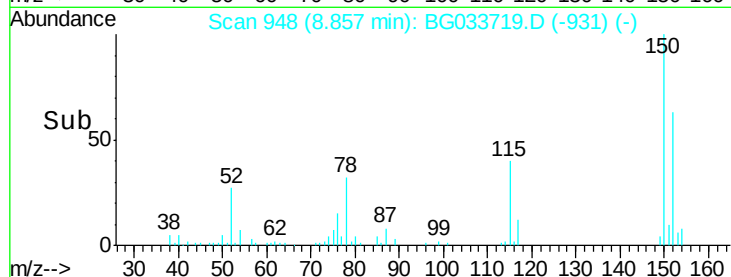
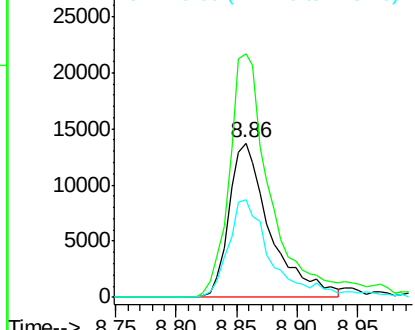
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033719.D
Acq: 10 Apr 2018 18:39

Instrument :
BNA_G
ClientSampleId :
S1

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.6	189.8
115	63.6	53.0	79.4



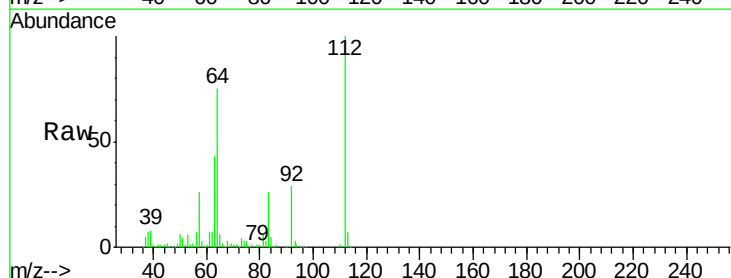
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



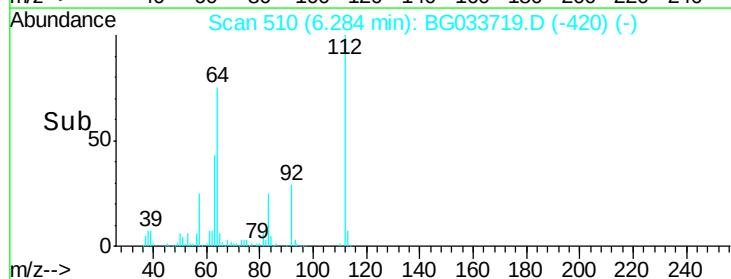
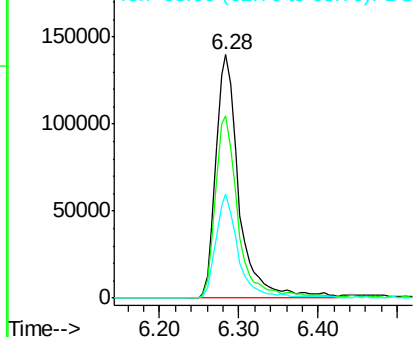
#5

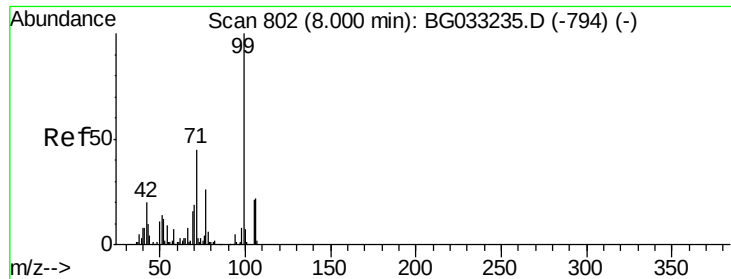
2-Fluorophenol
Concen: 163.835 ng
RT: 6.28 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033719.D
Acq: 10 Apr 2018 18:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.6	56.3	84.5
63	42.9	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: 123.948 ng

RT: 7.96 min Scan# 796

Delta R.T. -0.01 min

Lab File: BG033719.D

Acq: 10 Apr 2018 18:39

Instrument :

BNA_G

ClientSampleId :

S1

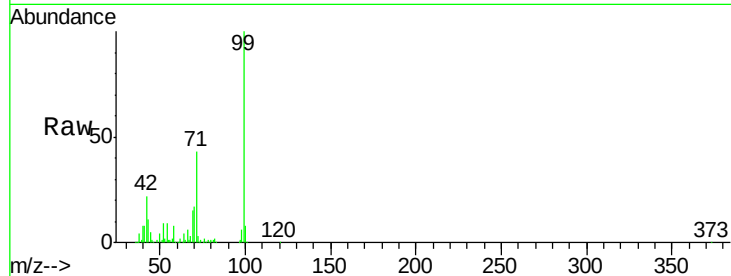
Tot Ion: 99 Resp: 369315

Ion Ratio Lower Upper

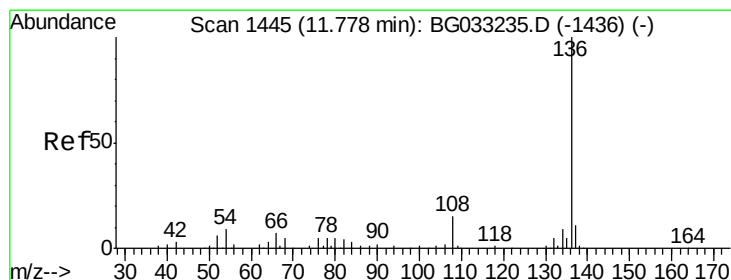
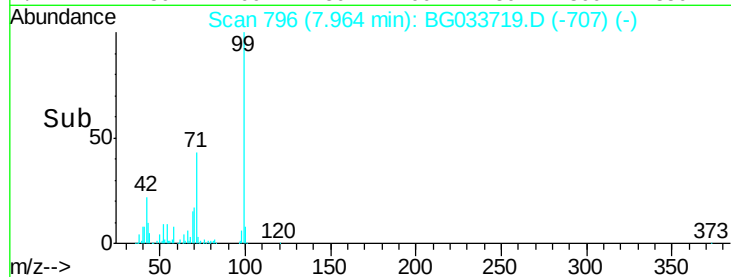
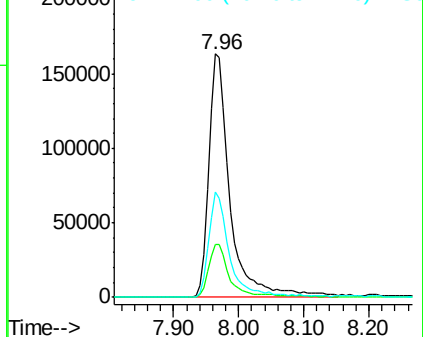
99 100

42 21.8 14.1 21.1#

71 43.4 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# 1438

Delta R.T. 0.00 min

Lab File: BG033719.D

Acq: 10 Apr 2018 18:39

Tgt Ion: 136 Resp: 128664

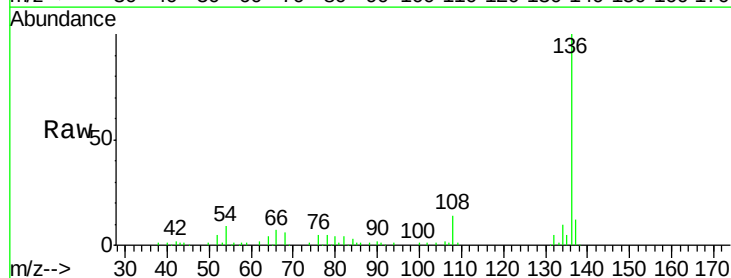
Ion Ratio Lower Upper

136 100

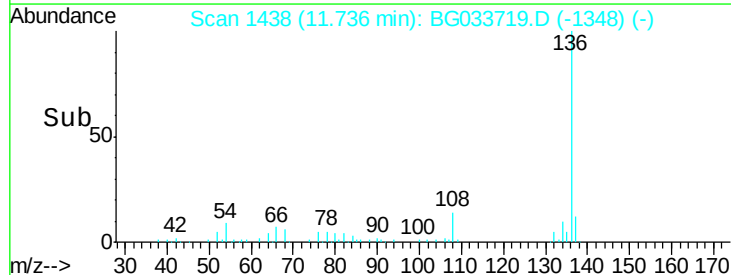
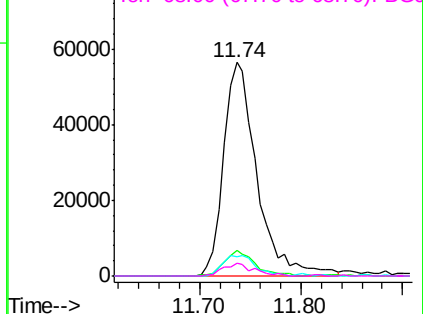
137 11.7 9.2 13.8

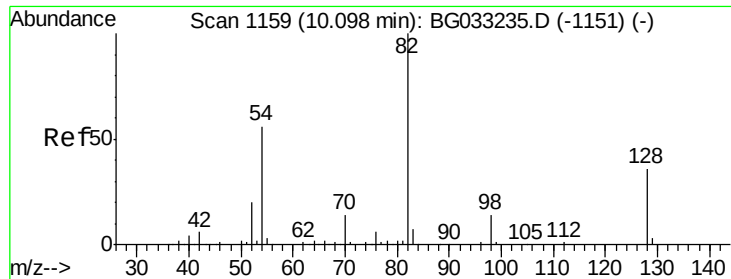
54 9.1 10.3 15.5#

68 6.0 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: 102.375 ng

RT: 10.06 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BG033719.D

Acq: 10 Apr 2018 18:39

Instrument :

BNA_G

ClientSampleId :

S1

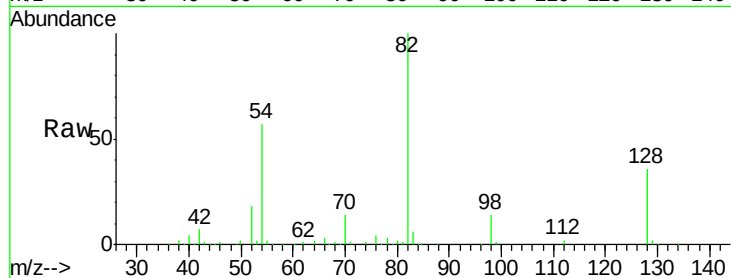
Tot Ion: 82 Resp: 286696

Ion Ratio Lower Upper

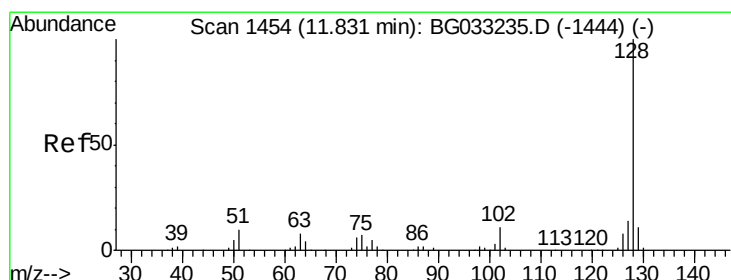
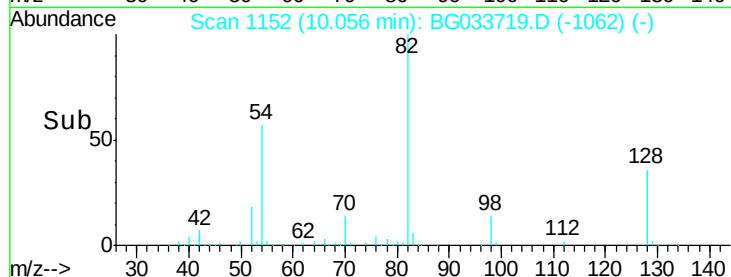
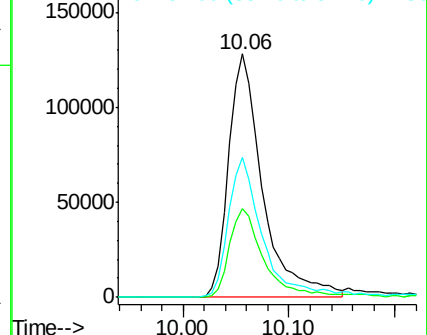
82 100

128 36.2 29.7 44.5

54 57.3 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



#31

Naphthalene

Concen: 5.379 ng

RT: 11.79 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BG033719.D

Acq: 10 Apr 2018 18:39

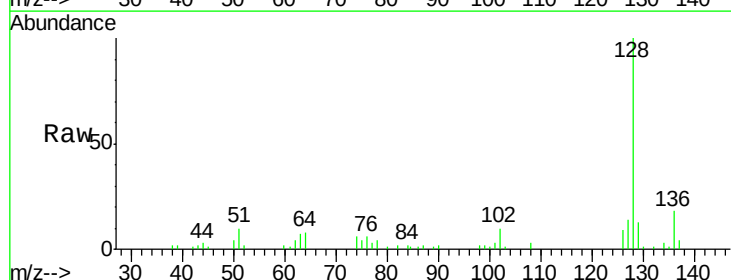
Tgt Ion: 128 Resp: 35863

Ion Ratio Lower Upper

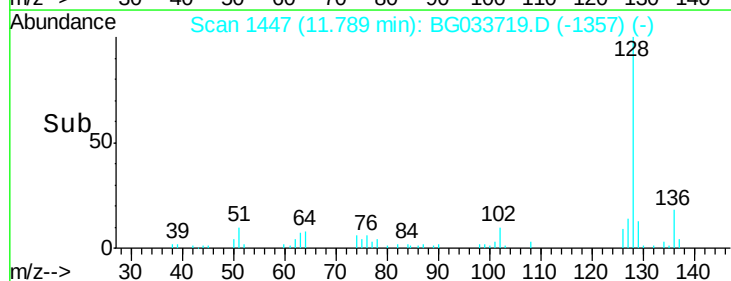
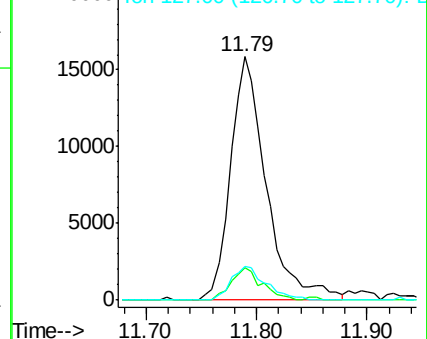
128 100

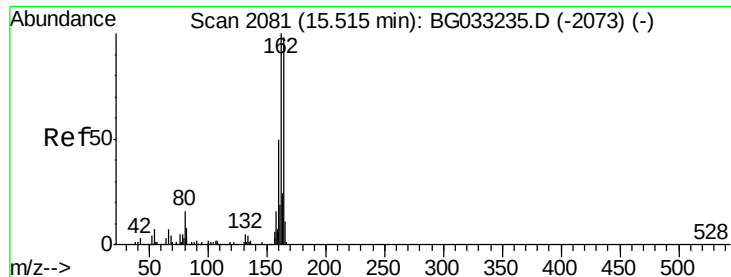
129 13.5 8.6 12.8#

127 13.9 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC

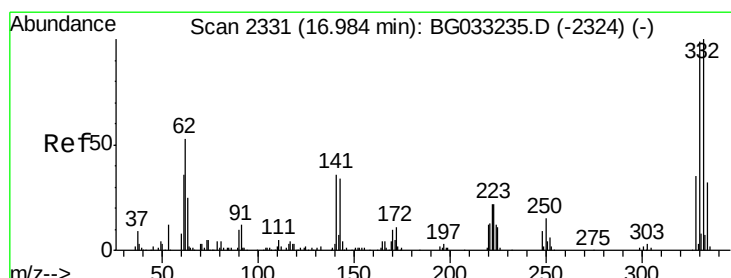
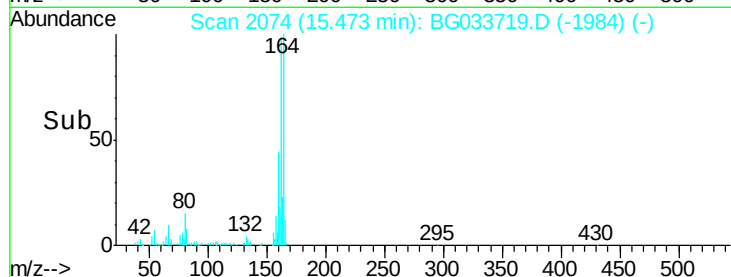
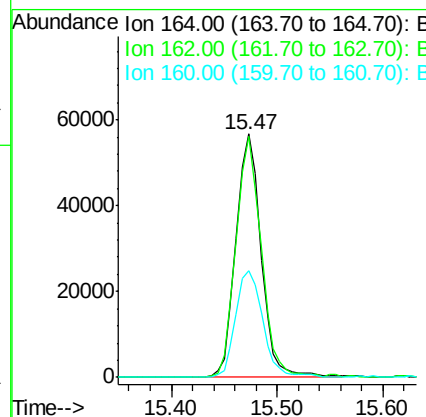
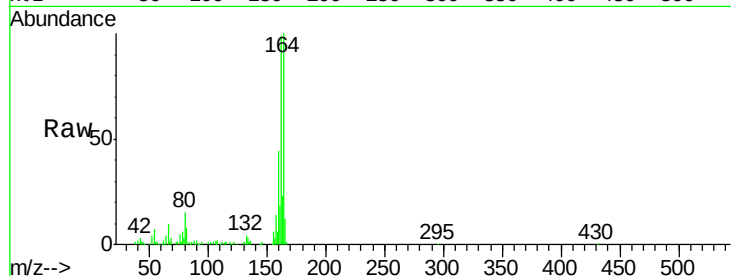




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BG033719.D
Acq: 10 Apr 2018 18:39

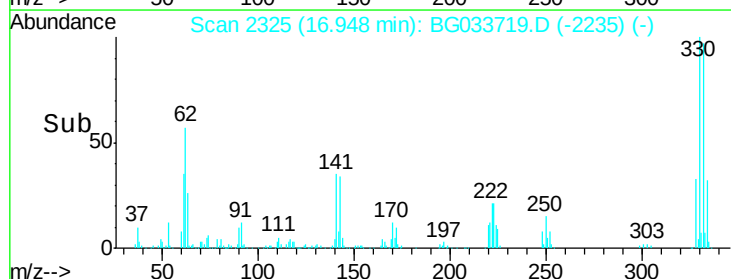
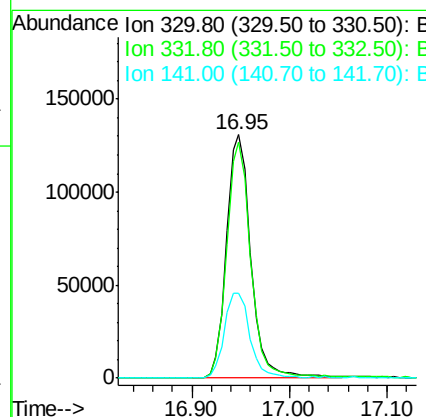
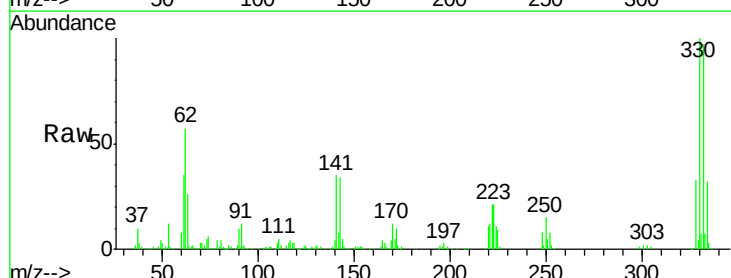
Instrument :
BNA_G
ClientSampleId :
S1

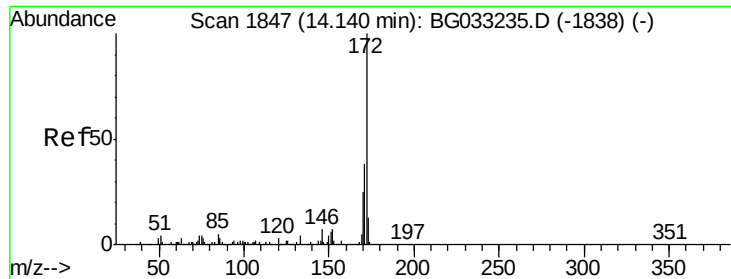
Tot Ion:164 Resp: 93672
Ion Ratio Lower Upper
164 100
162 99.0 78.8 118.2
160 43.6 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 162.390 ng
RT: 16.95 min Scan# 2325
Delta R.T. 0.00 min
Lab File: BG033719.D
Acq: 10 Apr 2018 18:39

Tgt Ion:330 Resp: 227504
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 36.6 25.2 37.8





#44

2-Fluorobiphenyl

Concen: 101.842 ng

RT: 14.10 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BG033719.D

Acq: 10 Apr 2018 18:39

Instrument :

BNA_G

ClientSampled :

S1

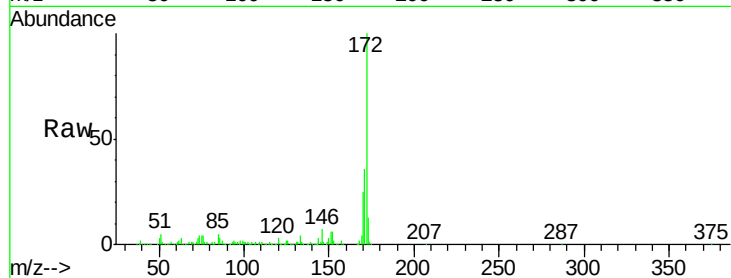
Tot Ion:172 Resp: 660813

Ion Ratio Lower Upper

172 100

171 36.4 30.0 45.0

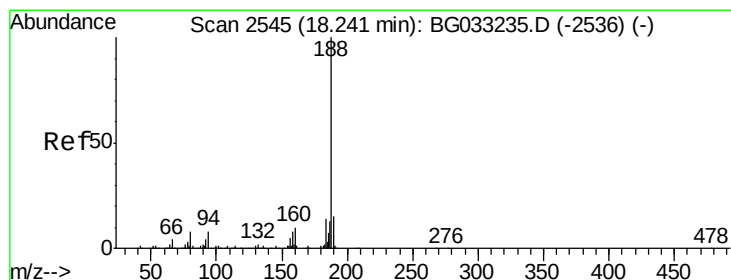
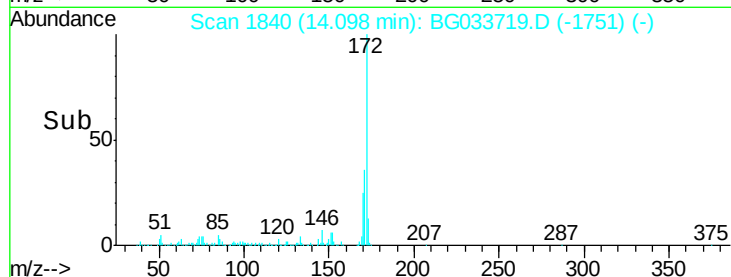
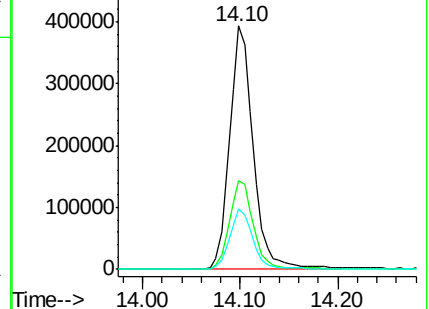
170 24.8 19.5 29.3



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: BG033719.D

Acq: 10 Apr 2018 18:39

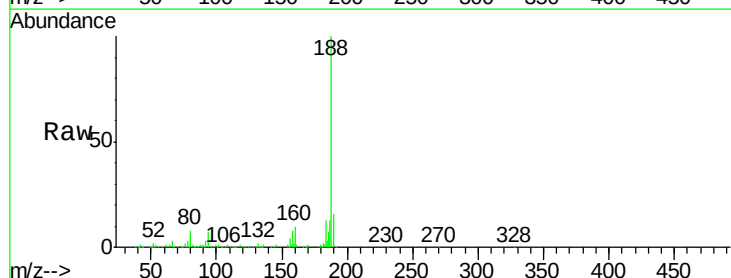
Tgt Ion:188 Resp: 275482

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

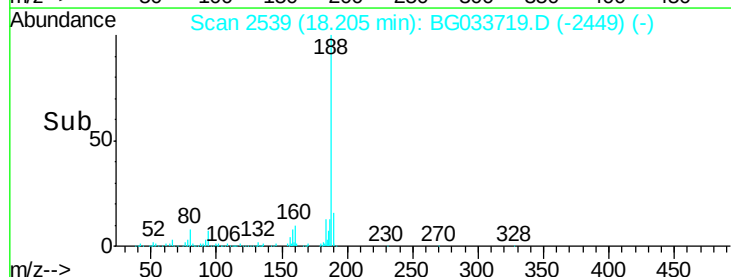
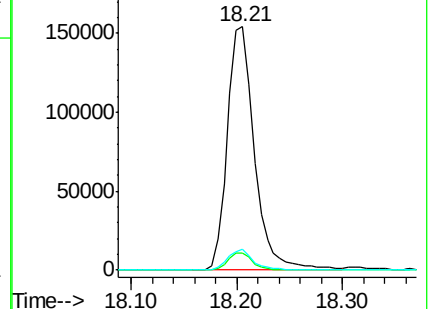
80 8.3 7.7 11.5

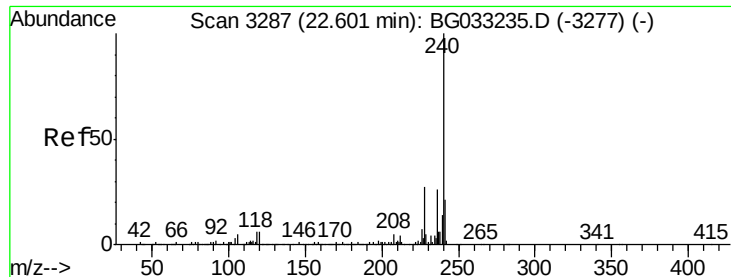


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3278

Delta R.T. -0.01 min

Lab File: BG033719.D

Acq: 10 Apr 2018 18:39

Instrument :

BNA_G

ClientSampleId :

S1

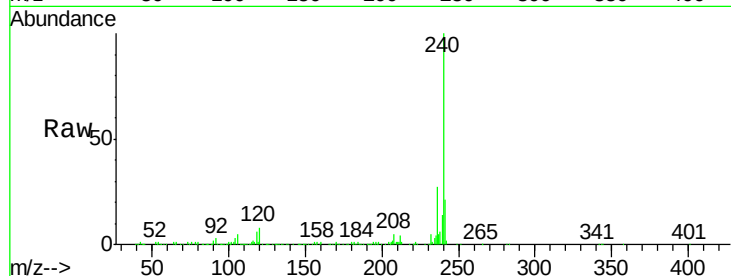
Tot Ion:240 Resp: 333870

Ion Ratio Lower Upper

240 100

120 7.7 6.8 10.2

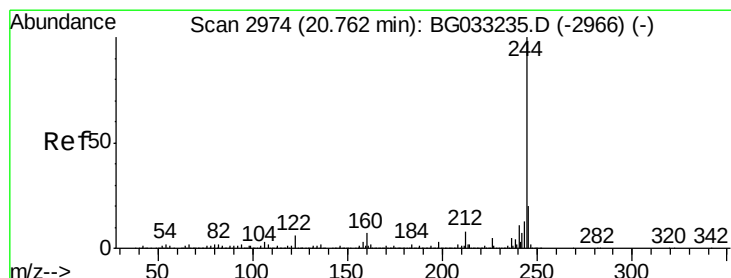
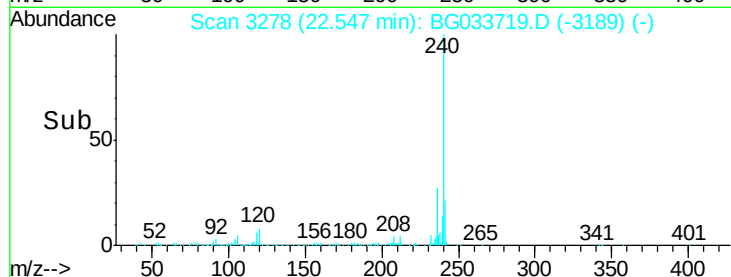
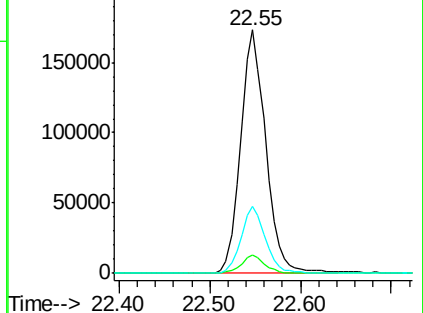
236 27.3 20.9 31.3



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: 104.175 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033719.D

Acq: 10 Apr 2018 18:39

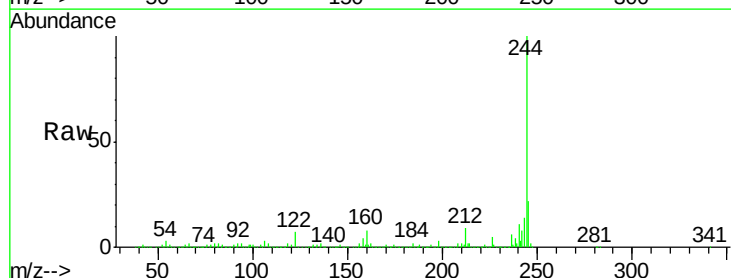
Tgt Ion:244 Resp: 1626331

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

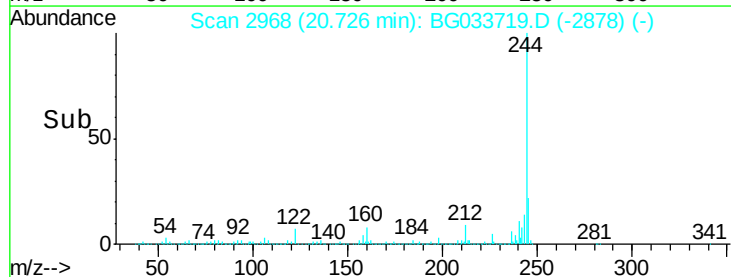
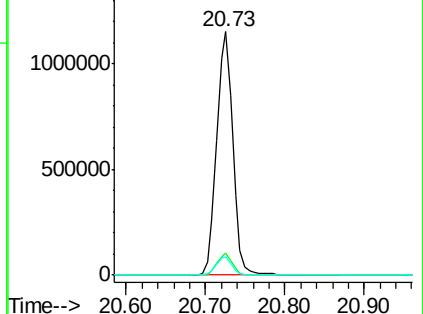
122 7.4 7.0 10.4

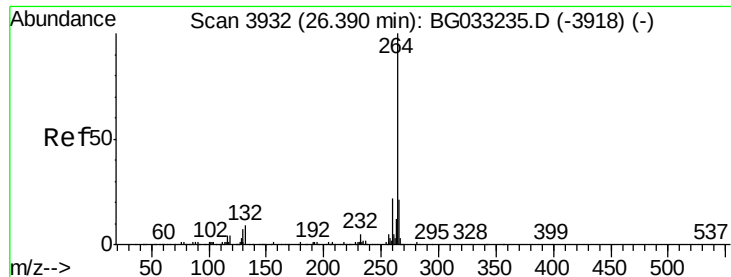


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.30 min Scan# 3917
 Delta R.T. -0.01 min
 Lab File: BG033719.D
 Acq: 10 Apr 2018 18:39

Instrument :
 BNA_G
 ClientSampleId :
 S1

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	20.7	17.7	26.5

