

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041218\
 Data File : BG033775.D
 Acq On : 12 Apr 2018 16:46
 Operator : SJ/JU
 Sample : J2161-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-041018-A

Quant Time: Apr 13 02:57:18 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

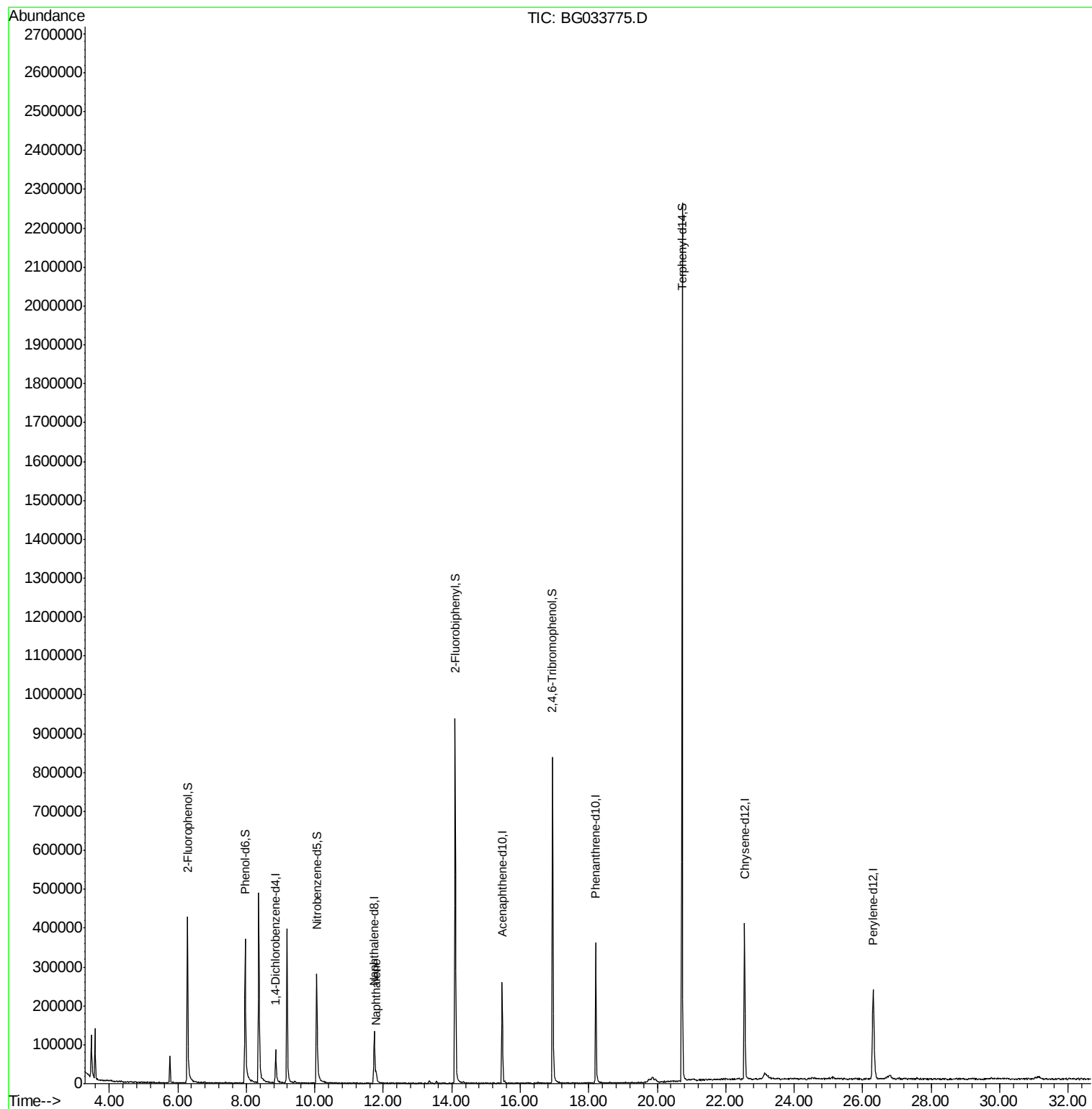
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	30664	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	127495	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	95467	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	271103	20.00	ng	0.00
75) Chrysene-d12	22.55	240	296459	20.00	ng	0.00
86) Perylene-d12	26.31	264	314925	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	205993	125.97	ng	0.00
7) Phenol-d6	7.97	99	276879	98.54	ng	0.00
23) Nitrobenzene-d5	10.06	82	233487	84.14	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	172964	121.14	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	534134	80.77	ng	0.00
78) Terphenyl-d14	20.73	244	1152737	83.16	ng	0.00
Target Compounds						
31) Naphthalene	11.79	128	28969	4.385	ng	Qvalue 99

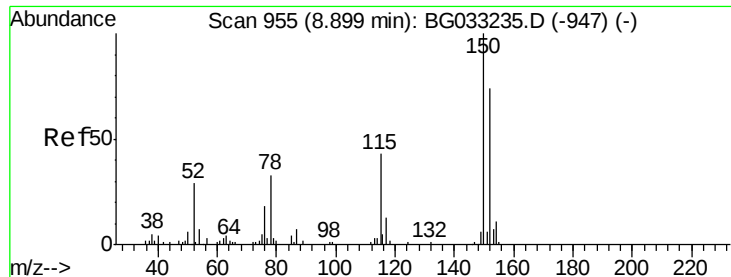
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041218\
Data File : BG033775.D
Acq On : 12 Apr 2018 16:46
Operator : SJ/JU
Sample : J2161-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-041018-A

Quant Time: Apr 13 02:57:18 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



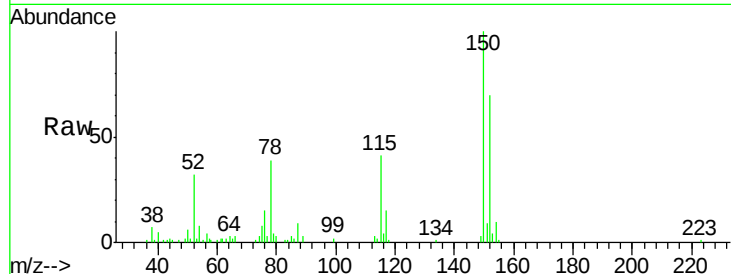


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033775.D
Acq: 12 Apr 2018 16:46

Instrument :
BNA_G
ClientSampleId :
OR-02-041018-A

Tot Ion	152	Resp	30664
Ion Ratio	Lower	Upper	
152	100		
150	142.0	126.6	189.8
115	58.7	53.0	79.4

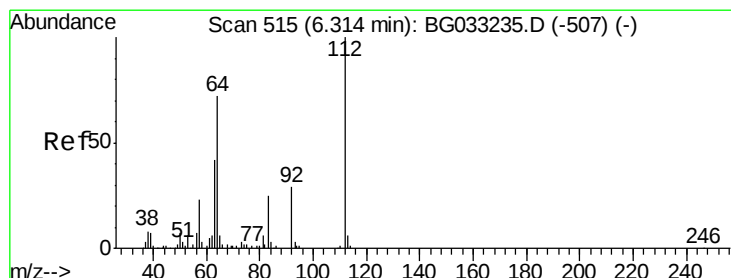
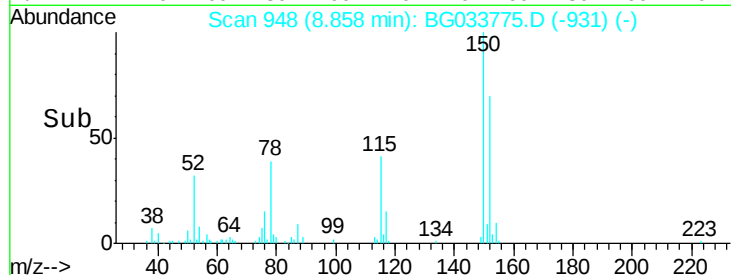
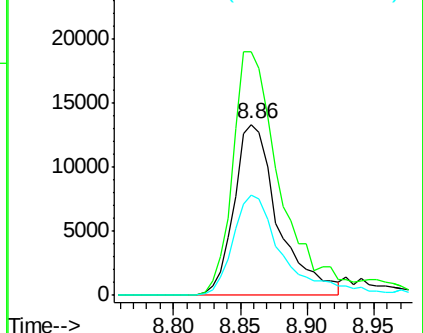


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

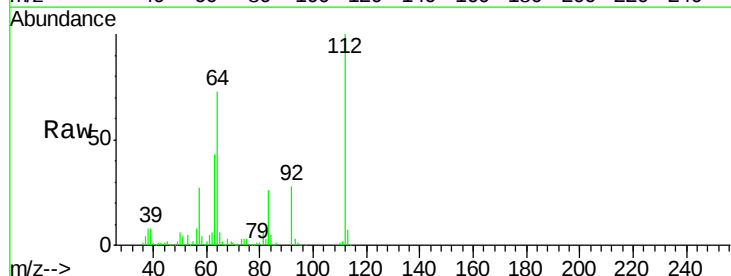
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 125.966 ng
RT: 6.28 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033775.D
Acq: 12 Apr 2018 16:46

Tgt Ion	112	Resp	205993
Ion Ratio	Lower	Upper	
112	100		
64	72.6	56.3	84.5
63	42.7	30.1	45.1

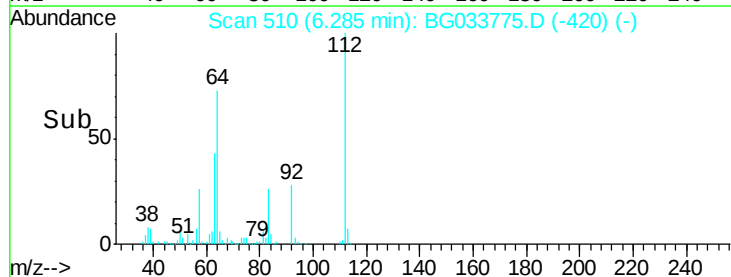
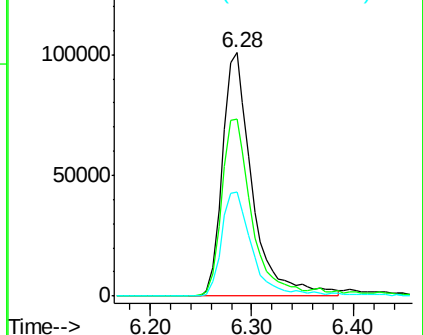


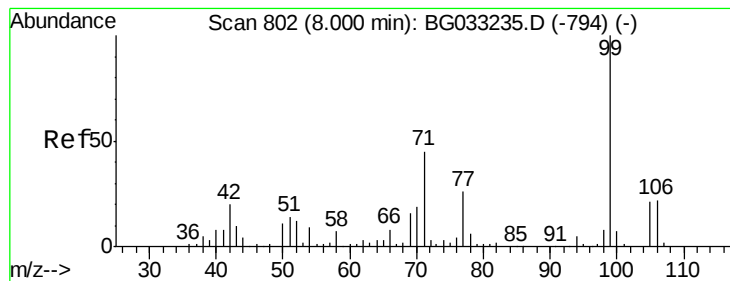
Abundance

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: 98.541 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033775.D

Acq: 12 Apr 2018 16:46

Instrument :

BNA_G

ClientSampleId :

OR-02-041018-A

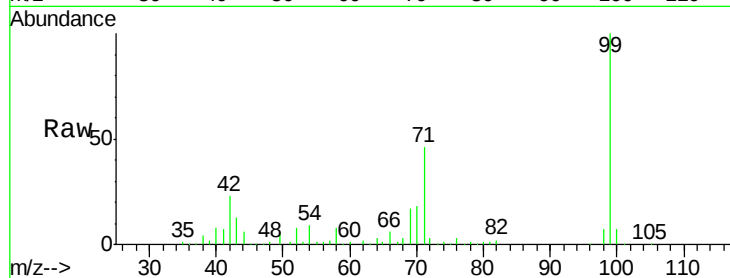
Tot Ion: 99 Resp: 276879

Ion Ratio Lower Upper

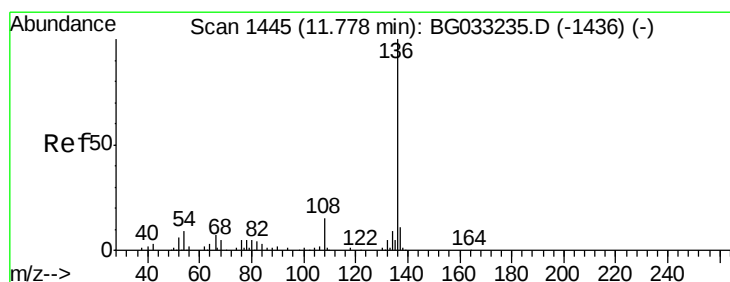
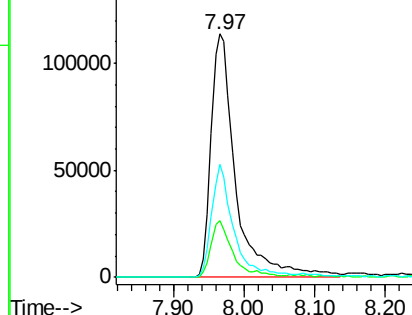
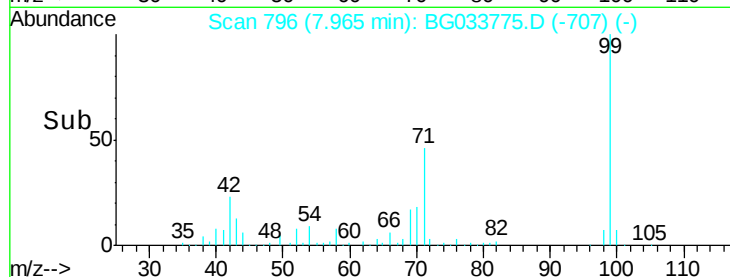
99 100

42 23.2 14.1 21.1#

71 46.3 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: BG033775.D

Acq: 12 Apr 2018 16:46

Tgt Ion: 136 Resp: 127495

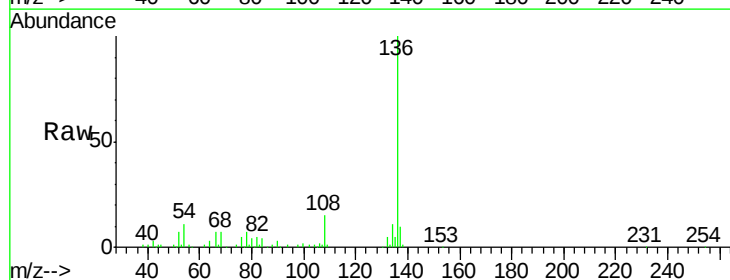
Ion Ratio Lower Upper

136 100

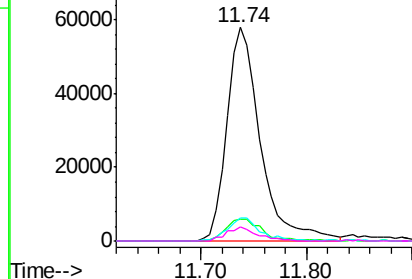
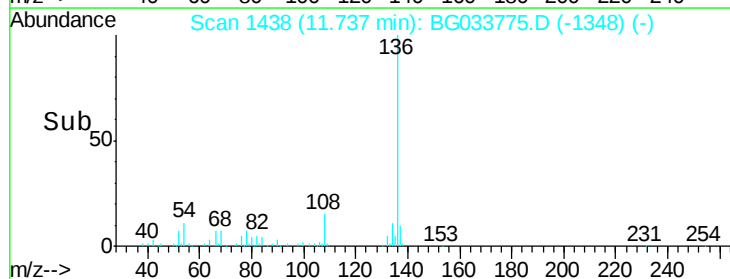
137 10.0 9.2 13.8

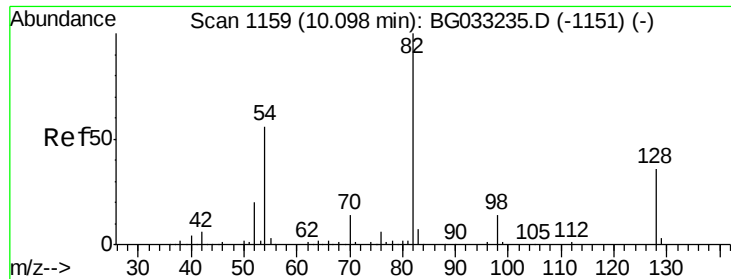
54 10.8 10.3 15.5

68 6.6 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

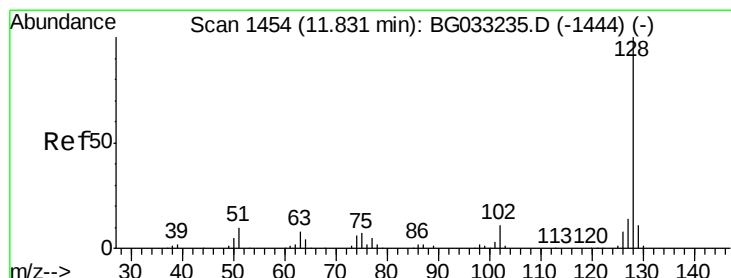
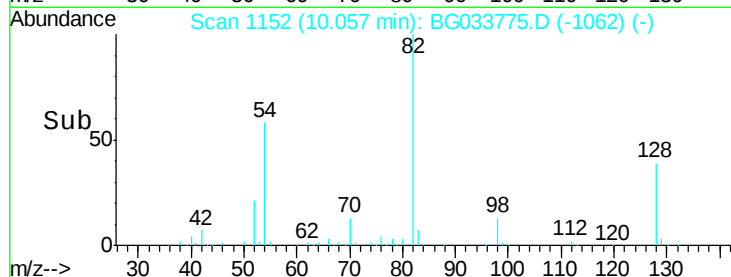
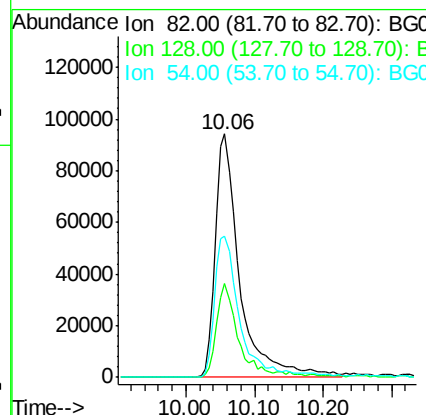
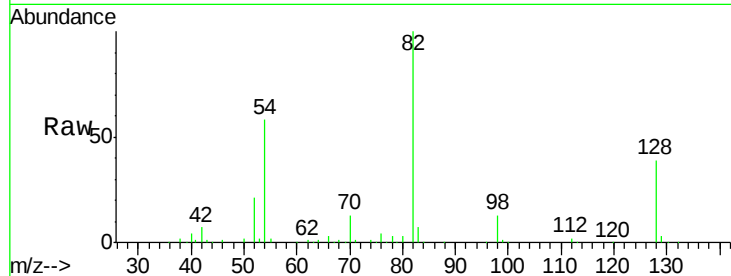




#23
Nitrobenzene-d5
Concen: 84.139 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BG033775.D
Acq: 12 Apr 2018 16:46

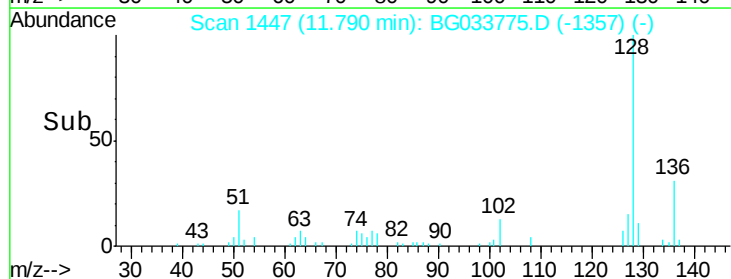
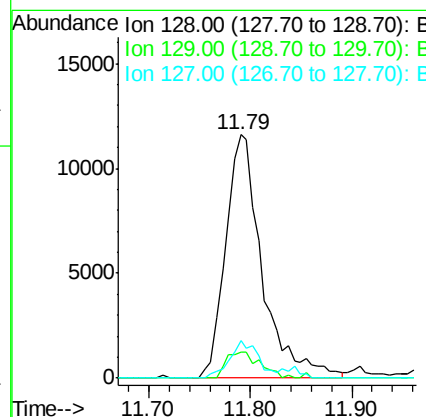
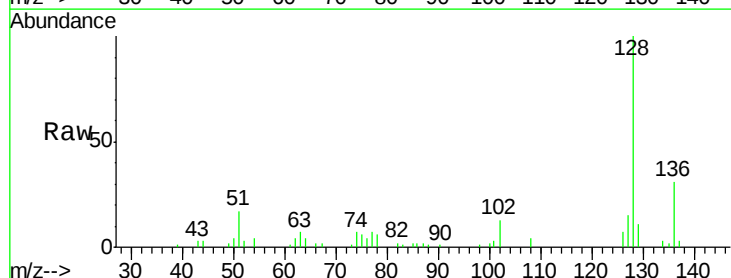
Instrument :
BNA_G
ClientSampleId :
OR-02-041018-A

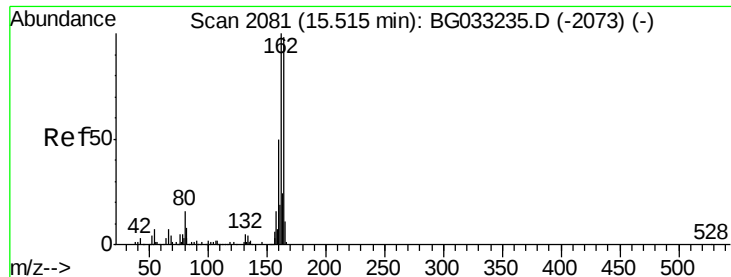
Tot Ion: 82 Resp: 233487
Ion Ratio Lower Upper
82 100
128 38.6 29.7 44.5
54 58.0 43.1 64.7



#31
Naphthalene
Concen: 4.385 ng
RT: 11.79 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BG033775.D
Acq: 12 Apr 2018 16:46

Tgt Ion: 128 Resp: 28969
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 15.2 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BG033775.D

Acq: 12 Apr 2018 16:46

Instrument :

BNA_G

ClientSampleId :

OR-02-041018-A

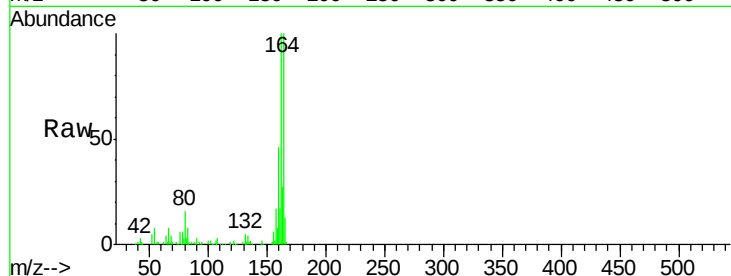
Tot Ion:164 Resp: 95467

Ion Ratio Lower Upper

164 100

162 100.0 78.8 118.2

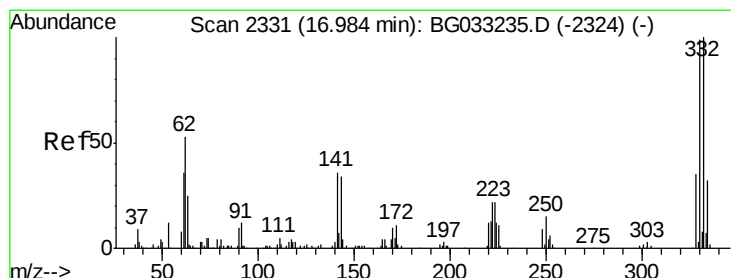
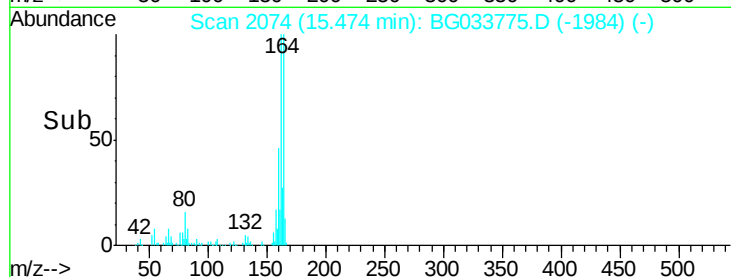
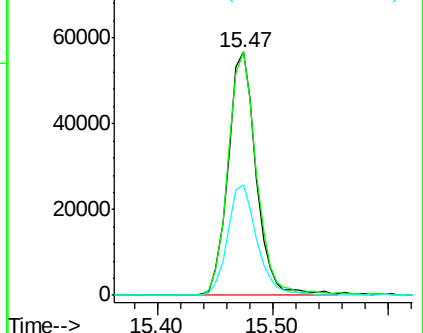
160 45.5 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 121.139 ng

RT: 16.95 min Scan# 2325

Delta R.T. 0.00 min

Lab File: BG033775.D

Acq: 12 Apr 2018 16:46

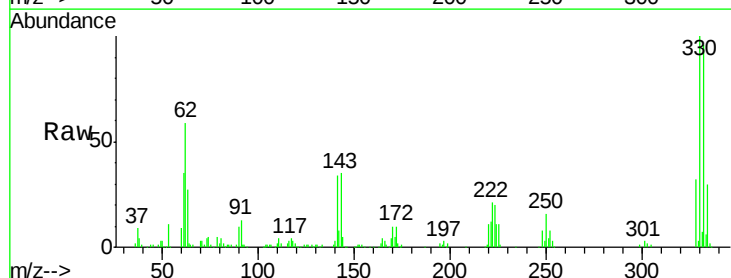
Tgt Ion:330 Resp: 172964

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

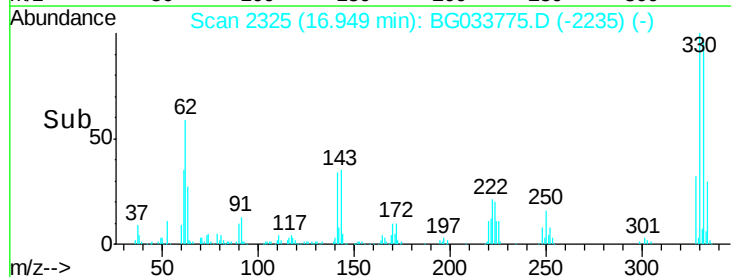
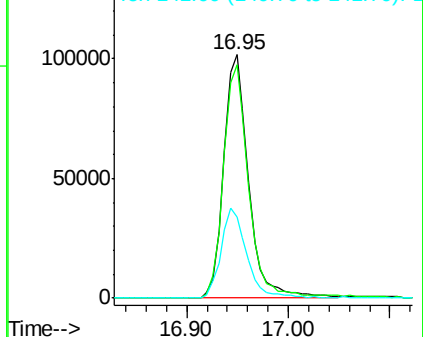
141 37.7 25.2 37.8

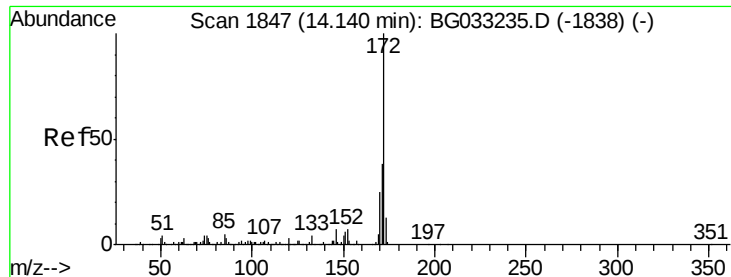


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

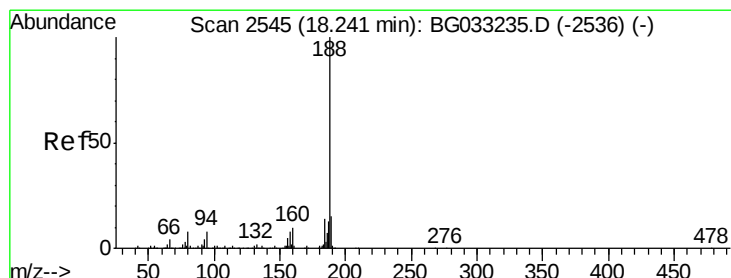
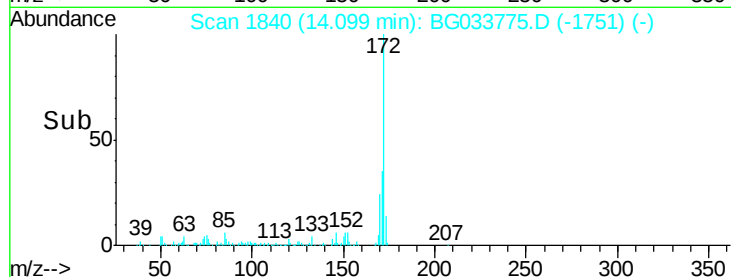
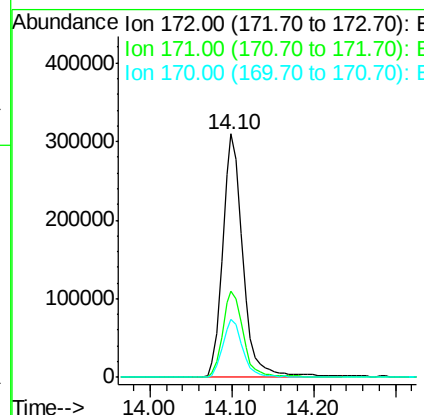
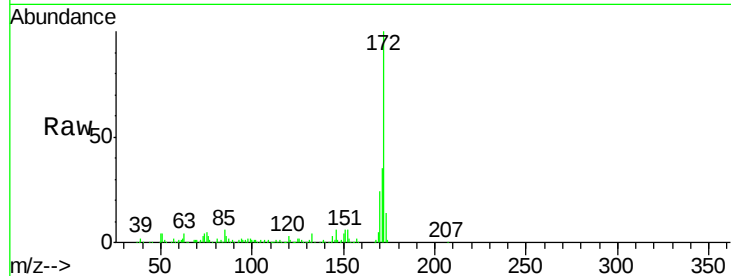




#44
2-Fluorobiphenyl
Concen: 80.771 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BG033775.D
Acq: 12 Apr 2018 16:46

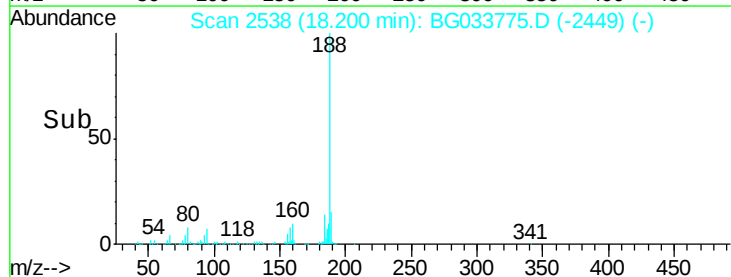
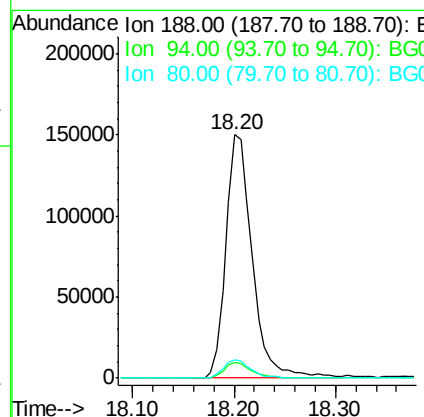
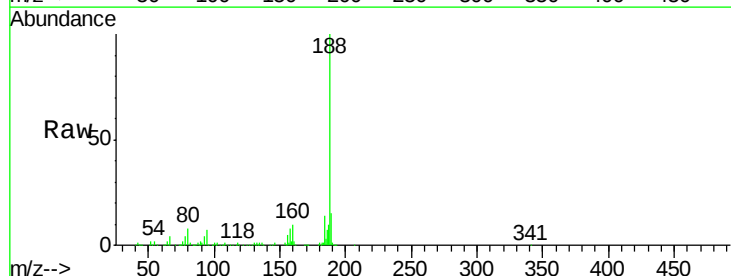
Instrument :
BNA_G
ClientSampleId :
OR-02-041018-A

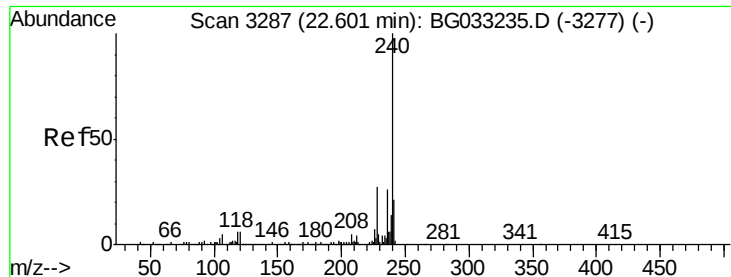
Tot Ion:172 Resp: 534134
Ion Ratio Lower Upper
172 100
171 35.4 30.0 45.0
170 23.9 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BG033775.D
Acq: 12 Apr 2018 16:46

Tgt Ion:188 Resp: 271103
Ion Ratio Lower Upper
188 100
94 6.6 6.9 10.3#
80 7.7 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3278

Delta R.T. -0.00 min

Lab File: BG033775.D

Acq: 12 Apr 2018 16:46

Instrument :

BNA_G

ClientSampleId :

OR-02-041018-A

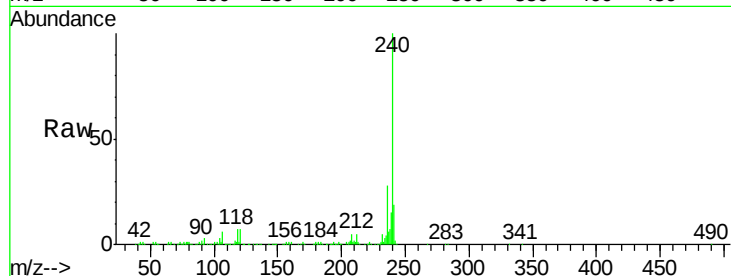
Tot Ion:240 Resp: 296459

Ion Ratio Lower Upper

240 100

120 6.9 6.8 10.2

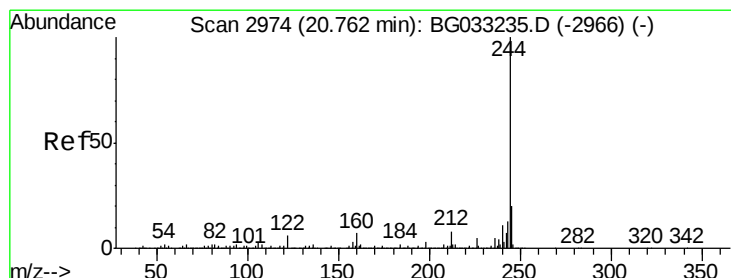
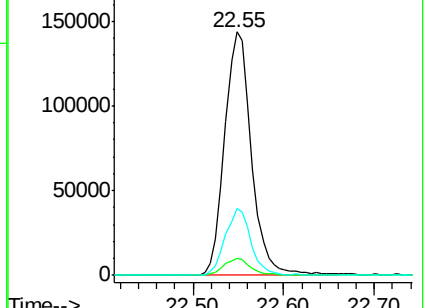
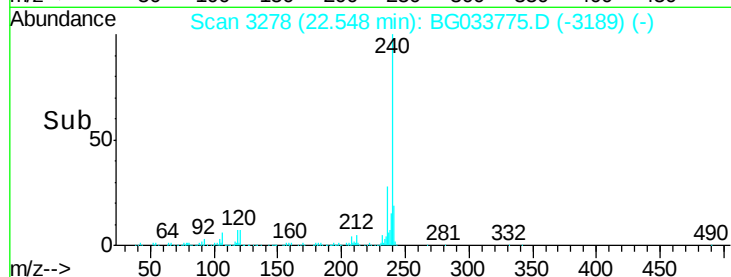
236 27.6 20.9 31.3



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: 83.157 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033775.D

Acq: 12 Apr 2018 16:46

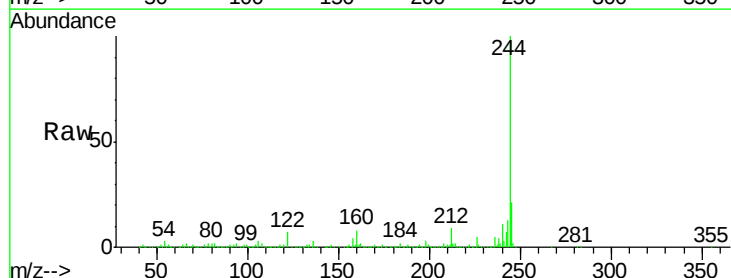
Tgt Ion:244 Resp: 1152737

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

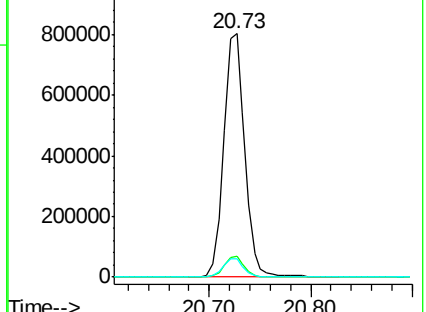
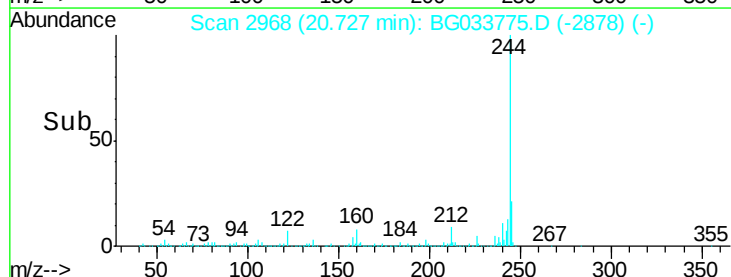
122 7.3 7.0 10.4

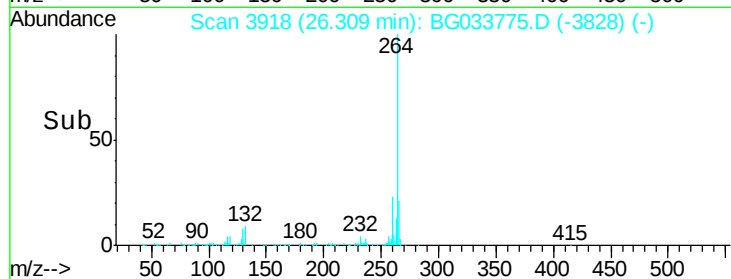
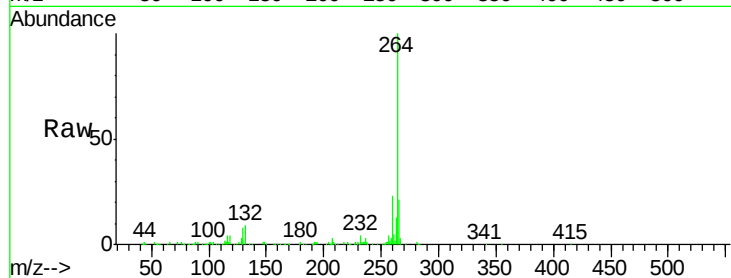
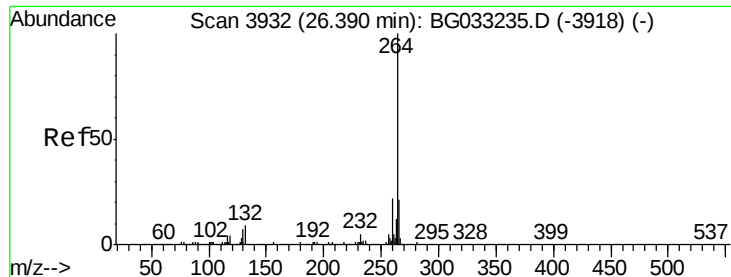


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.31 min Scan# 3918

Delta R.T. 0.00 min

Lab File: BG033775.D

Acq: 12 Apr 2018 16:46

Instrument :

BNA_G

ClientSampleId :

OR-02-041018-A

Tot Ion:264 Resp: 314925

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 21.5 17.7 26.5

