

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041318\
 Data File : BG033805.D
 Acq On : 13 Apr 2018 20:37
 Operator : SJ/JU
 Sample : J2166-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-041218

Quant Time: Apr 14 01:57:22 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	21313	20.00	ng	0.00
21) Naphthalene-d8	11.73	136	114195	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	89712	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	278090	20.00	ng	0.00
75) Chrysene-d12	22.54	240	295351	20.00	ng	-0.01
86) Perylene-d12	26.31	264	309384	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	229389	201.82	ng	0.00
7) Phenol-d6	7.99	99	310264	158.87	ng	0.02
23) Nitrobenzene-d5	10.06	82	259871	104.55	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	234689	174.91	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	671434	108.05	ng	0.00
78) Terphenyl-d14	20.72	244	1547677	112.07	ng	0.00

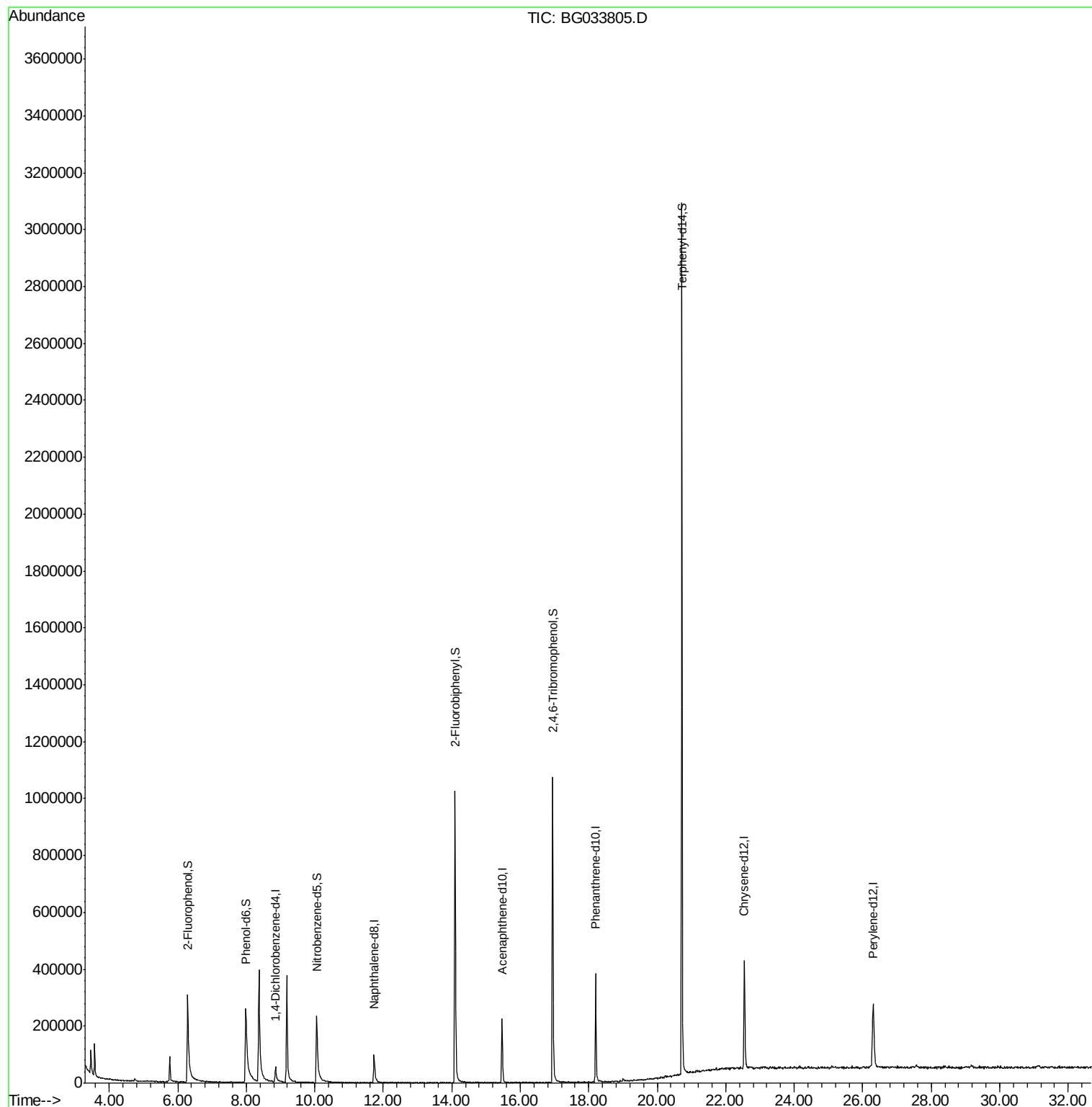
Target Compounds Qvalue

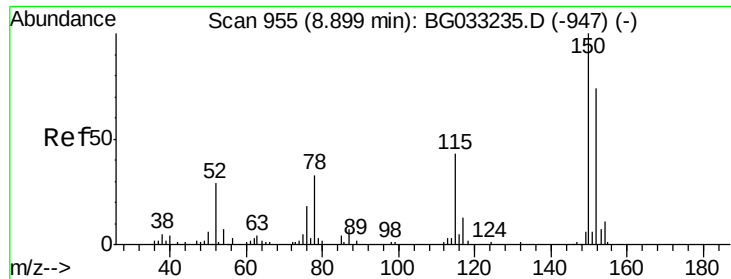
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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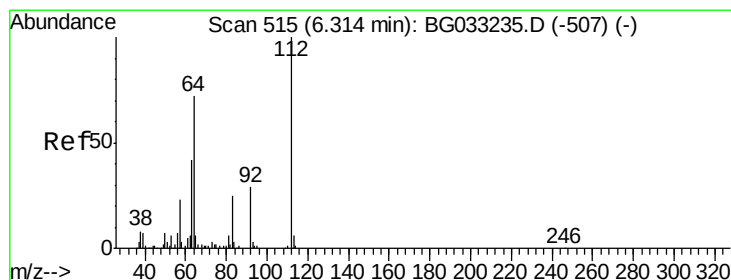
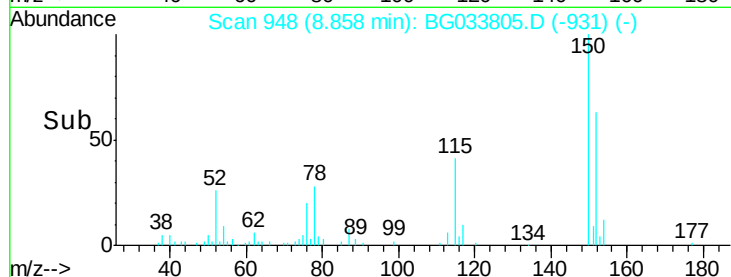
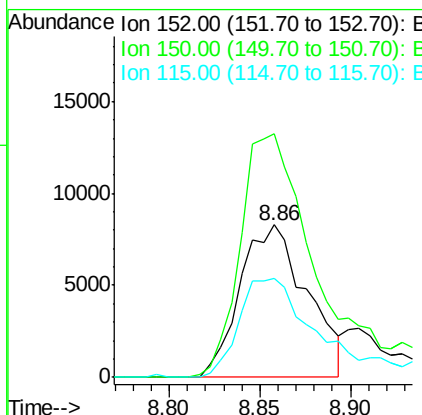
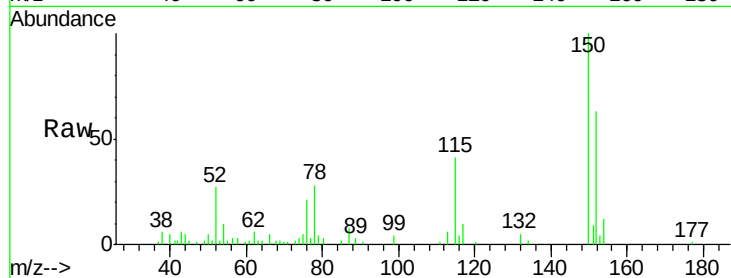


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033805.D
Acq: 13 Apr 2018 20:37

Instrument :
BNA_G
ClientSampleId :
TR-04-041218

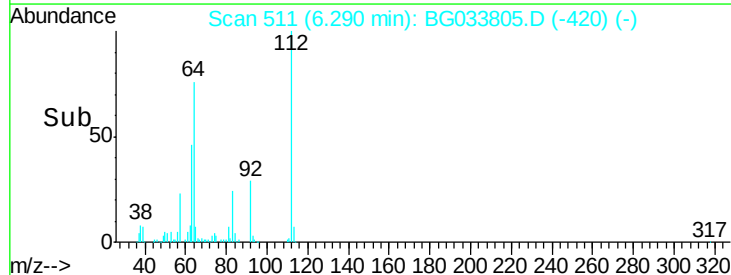
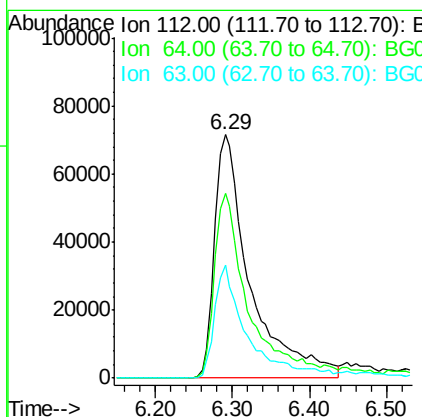
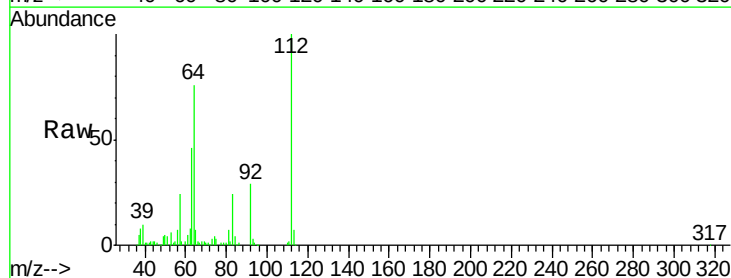
Tot Ion:152 Resp: 21313
Ion Ratio Lower Upper
152 100
150 159.6 126.6 189.8
115 64.9 53.0 79.4

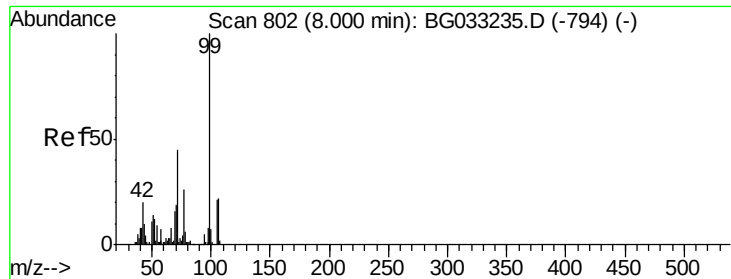


#5

2-Fluorophenol
Concen: 201.817 ng
RT: 6.29 min Scan# 511
Delta R.T. 0.01 min
Lab File: BG033805.D
Acq: 13 Apr 2018 20:37

Tgt Ion:112 Resp: 229389
Ion Ratio Lower Upper
112 100
64 76.0 56.3 84.5
63 46.4 30.1 45.1#





#7

Phenol-d6

Concen: 158.870 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.02 min

Lab File: BG033805.D

Acq: 13 Apr 2018 20:37

Instrument :

BNA_G

ClientSampleId :

TR-04-041218

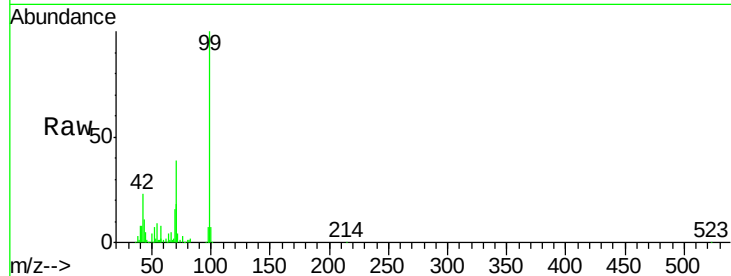
Tot Ion: 99 Resp: 310264

Ion Ratio Lower Upper

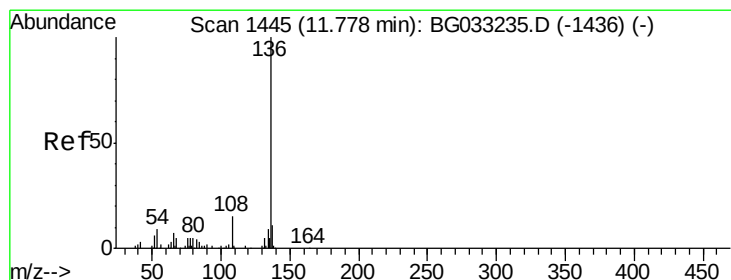
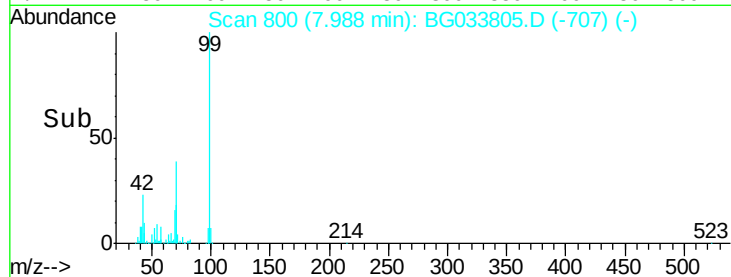
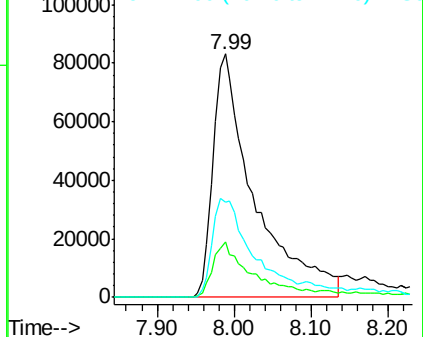
99 100

42 22.6 14.1 21.1#

71 39.3 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: 11.73 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BG033805.D

Acq: 13 Apr 2018 20:37

Tgt Ion: 136 Resp: 114195

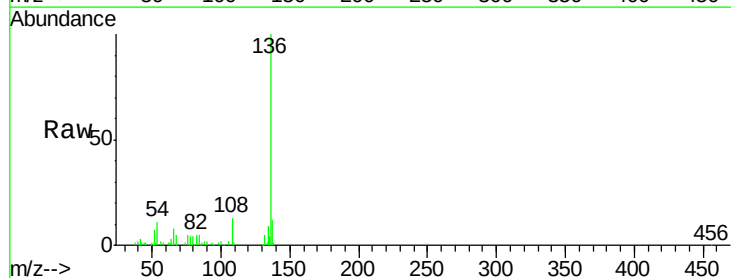
Ion Ratio Lower Upper

136 100

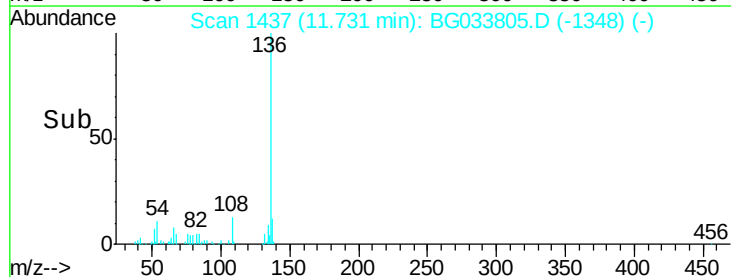
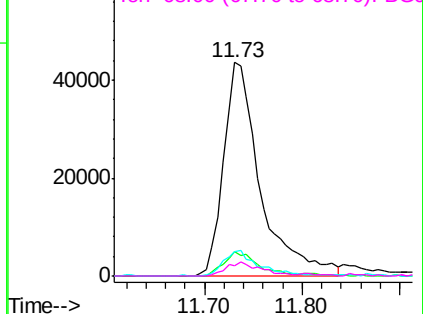
137 11.5 9.2 13.8

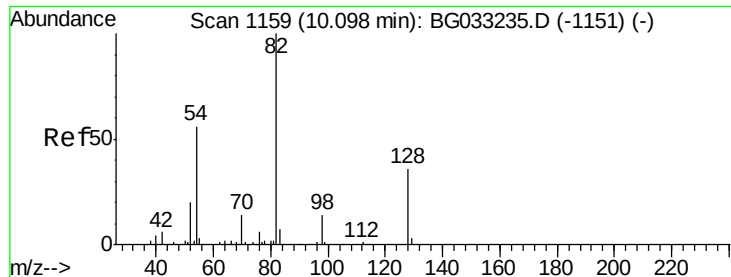
54 11.1 10.3 15.5

68 4.6 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: 104.554 ng

RT: 10.06 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BG033805.D

Acq: 13 Apr 2018 20:37

Instrument :

BNA_G

ClientSampleId :

TR-04-041218

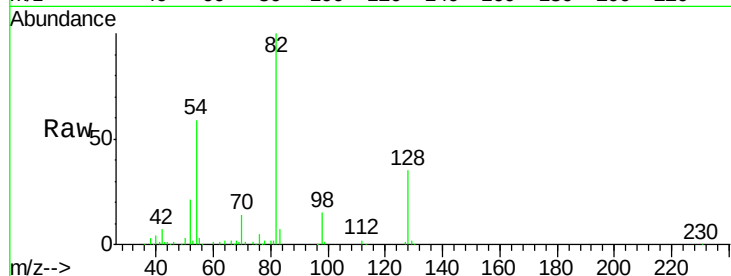
Tot Ion: 82 Resp: 259871

Ion Ratio Lower Upper

82 100

128 35.3 29.7 44.5

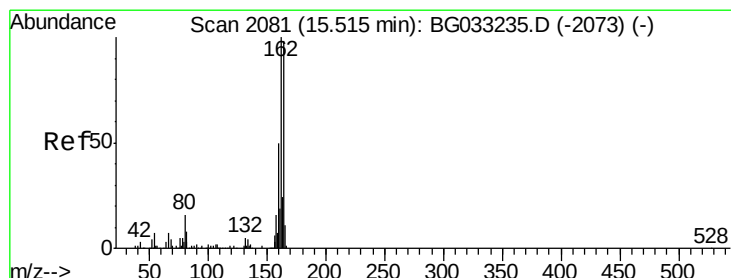
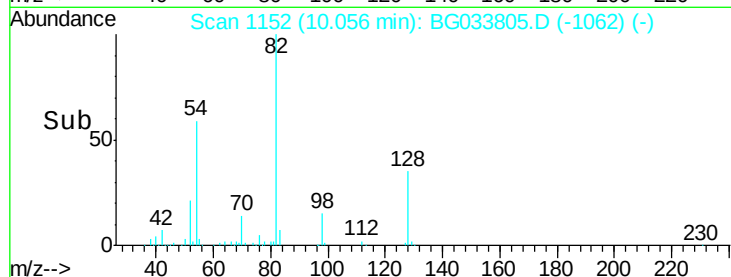
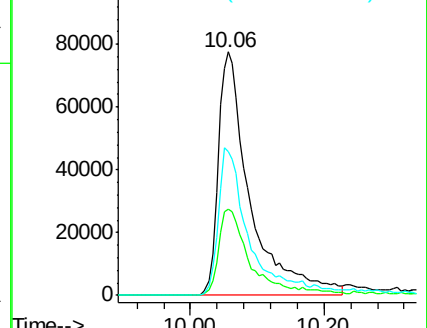
54 59.1 43.1 64.7



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# 2073

Delta R.T. -0.01 min

Lab File: BG033805.D

Acq: 13 Apr 2018 20:37

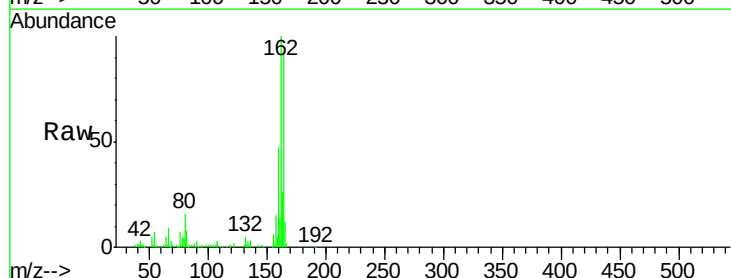
Tgt Ion:164 Resp: 89712

Ion Ratio Lower Upper

164 100

162 108.6 78.8 118.2

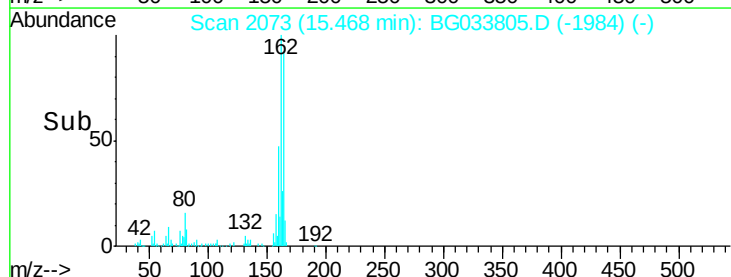
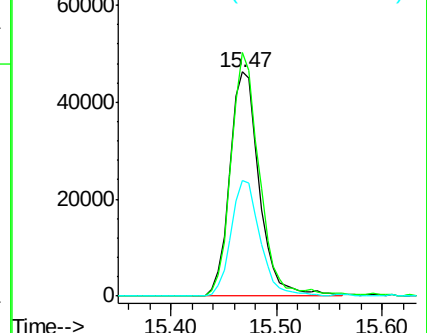
160 51.4 35.4 53.0

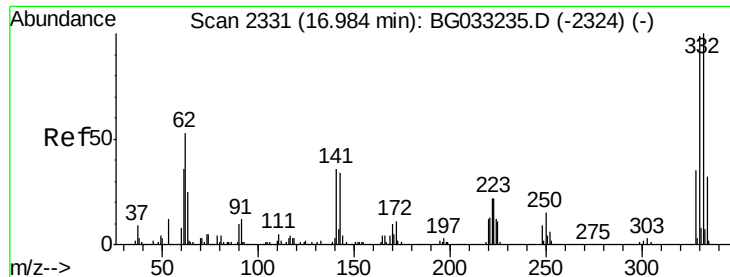


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 174.913 ng

RT: 16.95 min Scan# 2325

Delta R.T. 0.00 min

Lab File: BG033805.D

Acq: 13 Apr 2018 20:37

Instrument :

BNA_G

ClientSampleId :

TR-04-041218

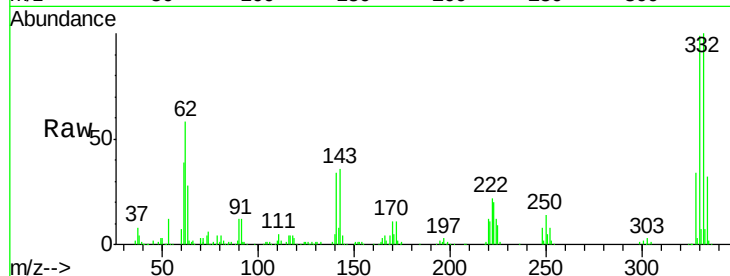
Tot Ion:330 Resp: 234689

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

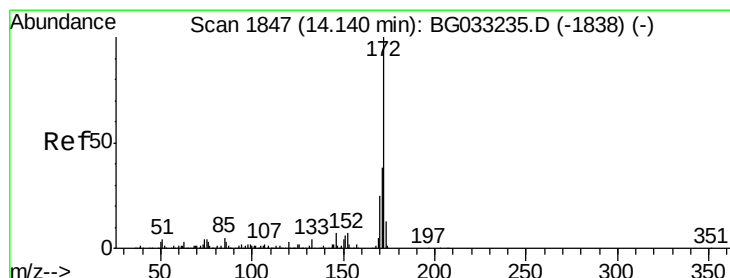
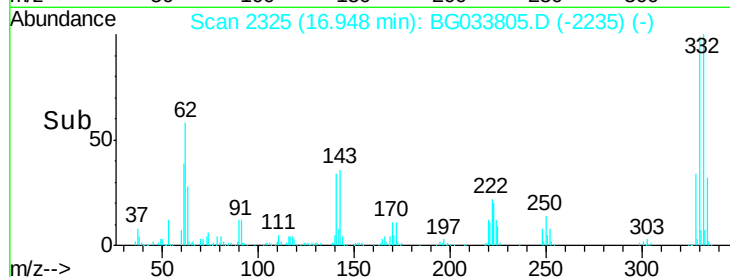
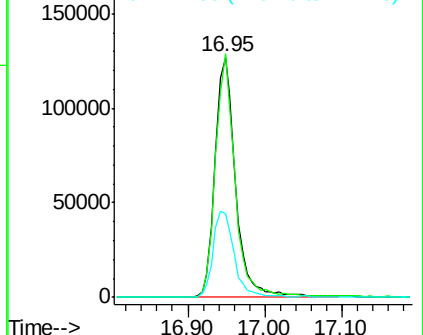
141 36.8 25.2 37.8



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: 108.046 ng

RT: 14.10 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BG033805.D

Acq: 13 Apr 2018 20:37

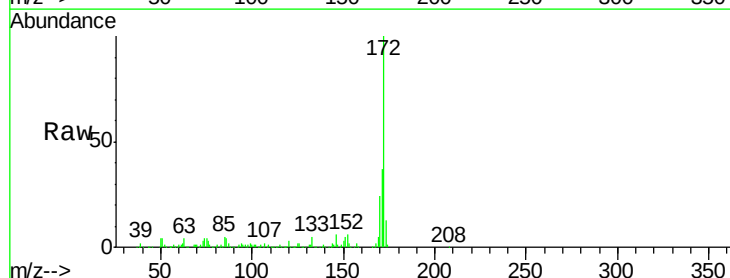
Tgt Ion:172 Resp: 671434

Ion Ratio Lower Upper

172 100

171 36.9 30.0 45.0

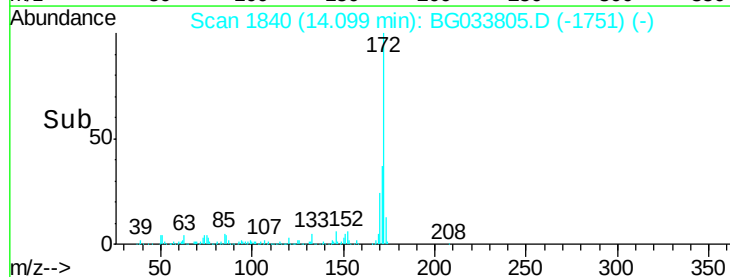
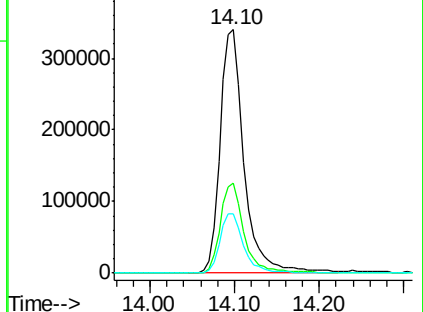
170 24.2 19.5 29.3

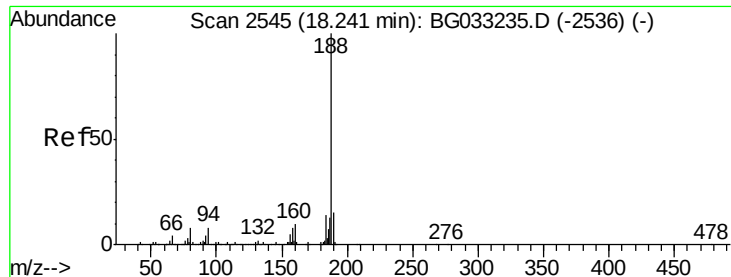


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

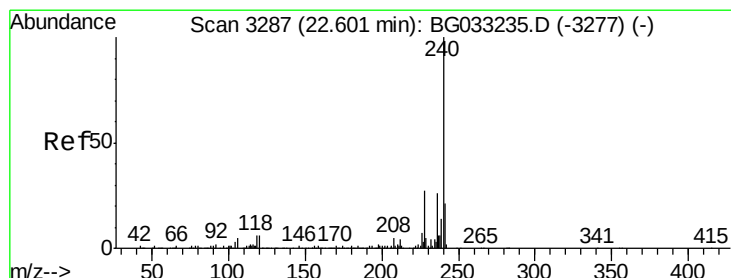
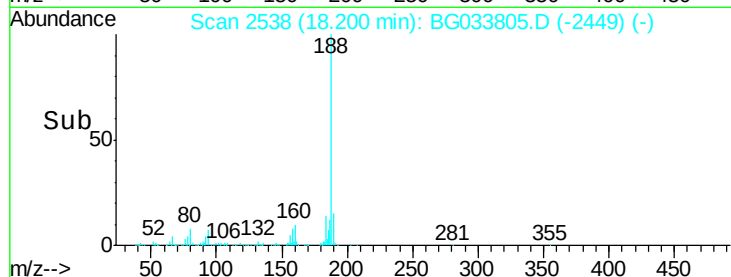
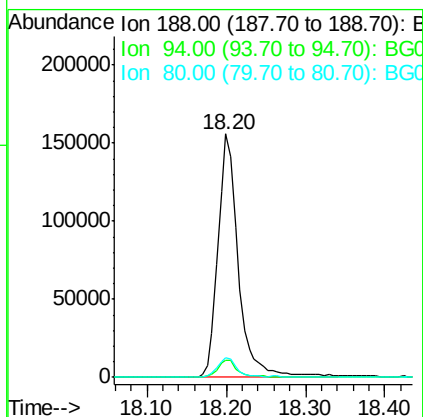
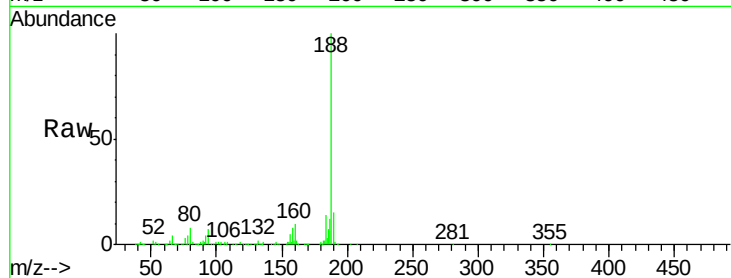




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BG033805.D
Acq: 13 Apr 2018 20:37

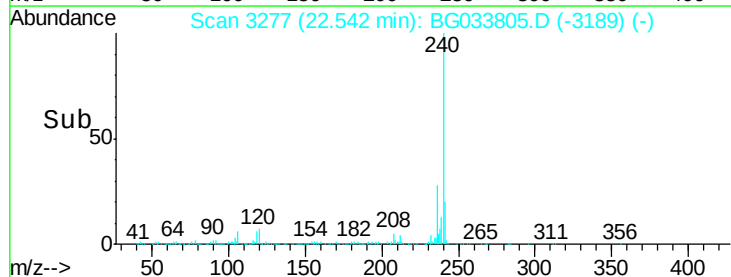
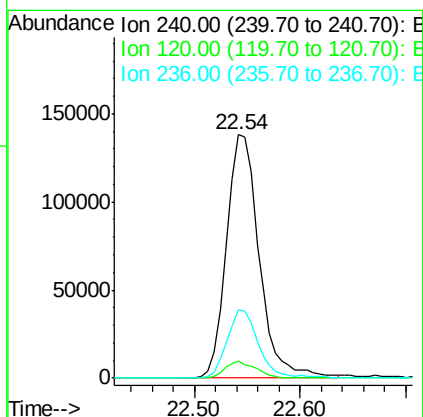
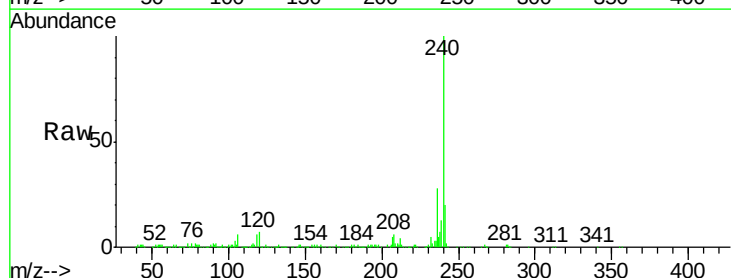
Instrument :
BNA_G
ClientSampleId :
TR-04-041218

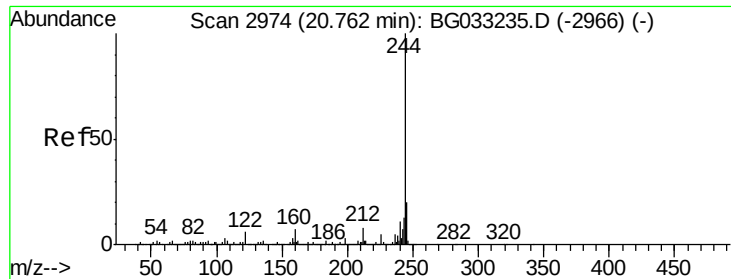
Tot Ion:188 Resp: 278090
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 8.2 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.54 min Scan# 3277
Delta R.T. -0.01 min
Lab File: BG033805.D
Acq: 13 Apr 2018 20:37

Tgt Ion:240 Resp: 295351
Ion Ratio Lower Upper
240 100
120 6.8 6.8 10.2
236 28.0 20.9 31.3





#78

Terphenyl-d14

Concen: 112.066 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.01 min

Lab File: BG033805.D

Acq: 13 Apr 2018 20:37

Instrument :

BNA_G

ClientSampled :

TR-04-041218

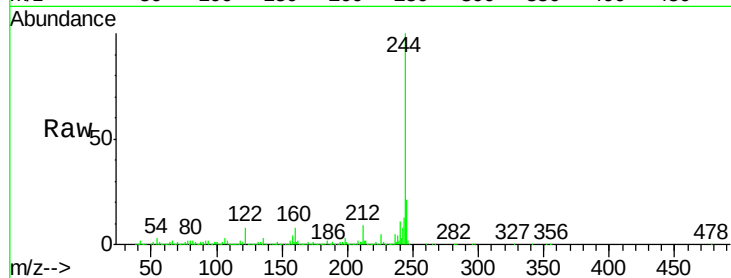
Tot Ion:244 Resp: 1547677

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

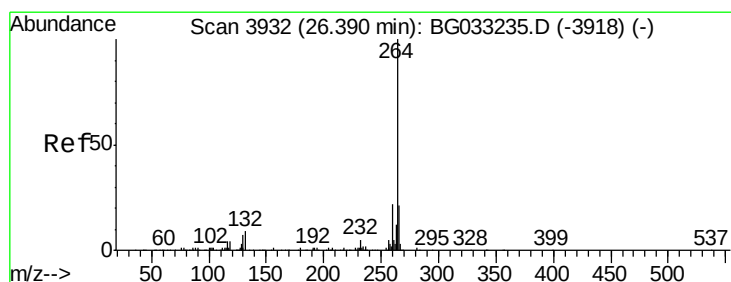
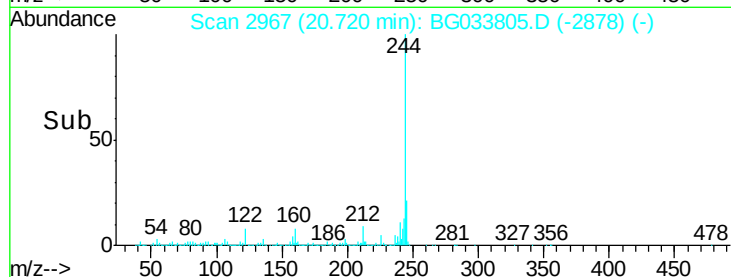
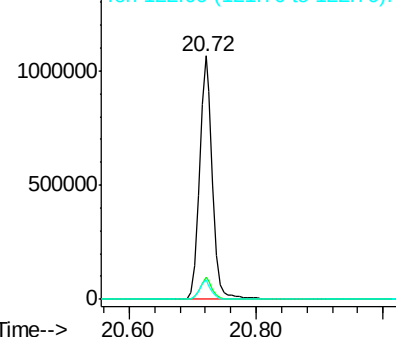
122 8.0 7.0 10.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.31 min Scan# 3918

Delta R.T. 0.00 min

Lab File: BG033805.D

Acq: 13 Apr 2018 20:37

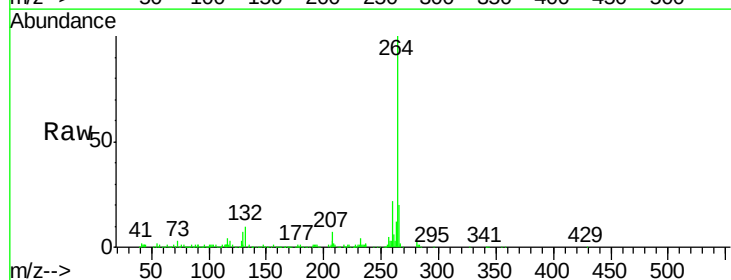
Tgt Ion:264 Resp: 309384

Ion Ratio Lower Upper

264 100

260 22.3 17.4 26.0

265 19.8 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

