

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033634.D
 Acq On : 6 Apr 2018 18:49
 Operator : SJ/JU
 Sample : J2165-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-040518

Quant Time: Apr 07 01:15:58 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	37973	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	180491	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	133201	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	320358	20.00	ng	0.00
75) Chrysene-d12	22.56	240	314557	20.00	ng	0.00
86) Perylene-d12	26.34	264	263859	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	357336	176.45	ng	0.00
7) Phenol-d6	7.97	99	482617	138.70	ng	0.00
23) Nitrobenzene-d5	10.06	82	410500	104.49	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	265714	133.38	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	949678	102.93	ng	0.00
78) Terphenyl-d14	20.73	244	1579002	107.35	ng	0.00

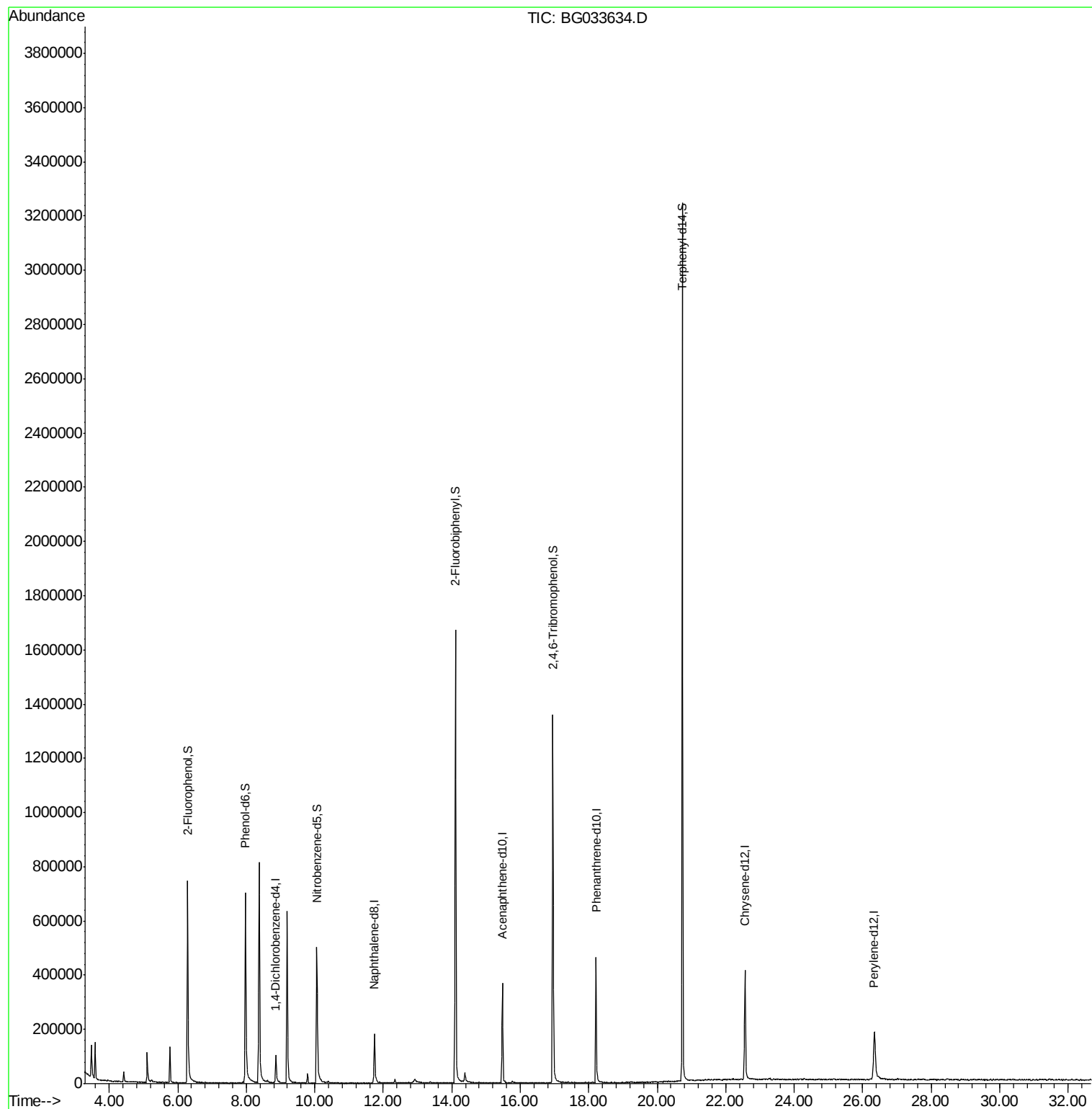
Target Compounds Qvalue

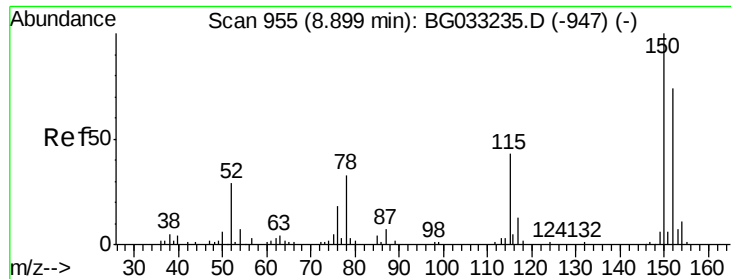
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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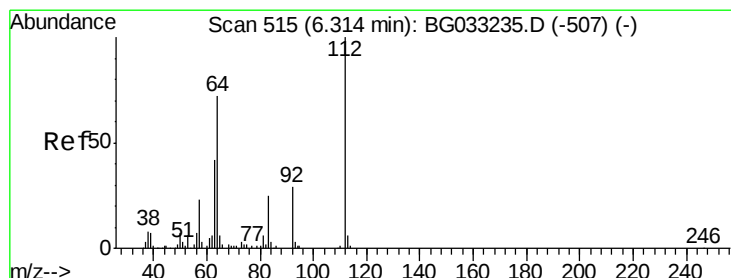
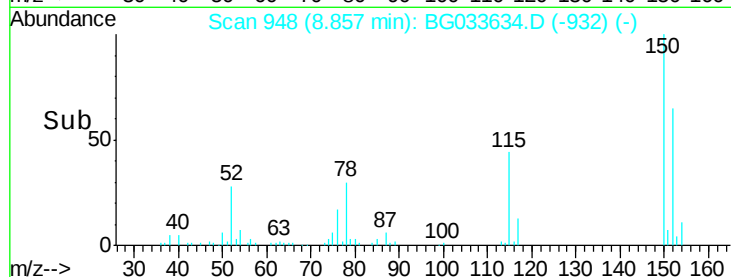
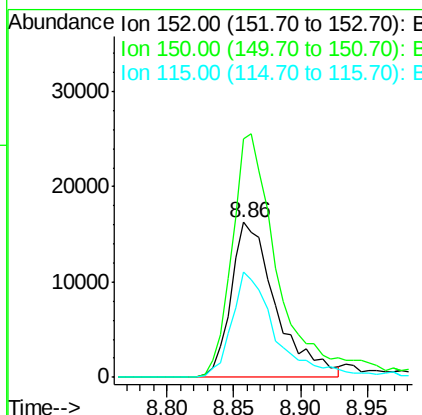
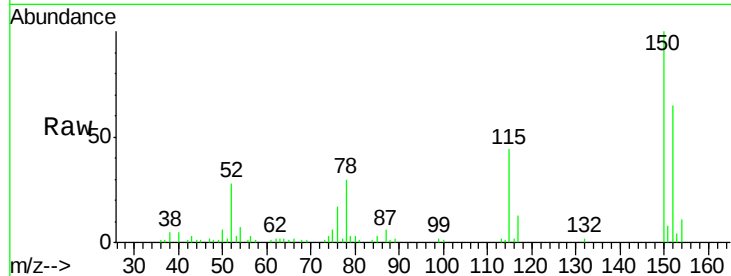


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BG033634.D
 Acq: 6 Apr 2018 18:49

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-040518

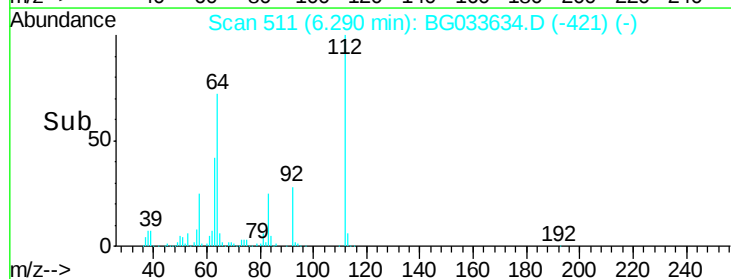
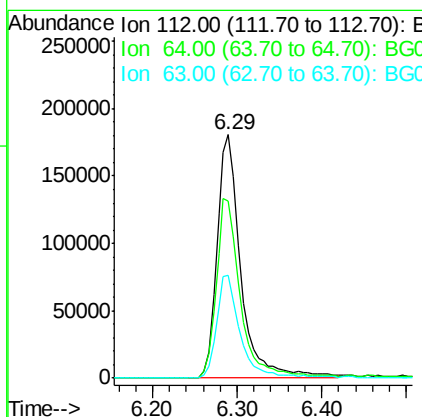
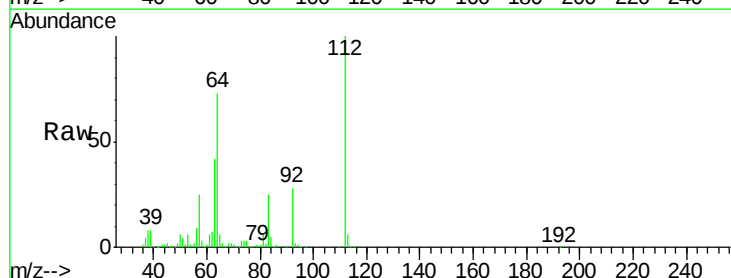
Tot Ion:152 Resp: 37973
 Ion Ratio Lower Upper
 152 100
 150 154.0 126.6 189.8
 115 67.6 53.0 79.4

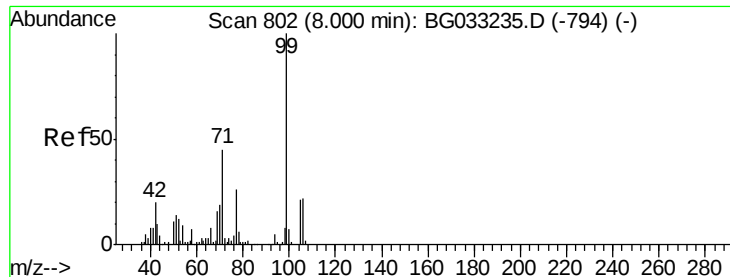


#5

2-Fluorophenol
 Concen: 176.454 ng
 RT: 6.29 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BG033634.D
 Acq: 6 Apr 2018 18:49

Tgt Ion:112 Resp: 357336
 Ion Ratio Lower Upper
 112 100
 64 72.5 56.3 84.5
 63 42.4 30.1 45.1





#7

Phenol-d6

Concen: 138.702 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033634.D

Acq: 6 Apr 2018 18:49

Instrument :

BNA_G

ClientSampleId :

SU-04-040518

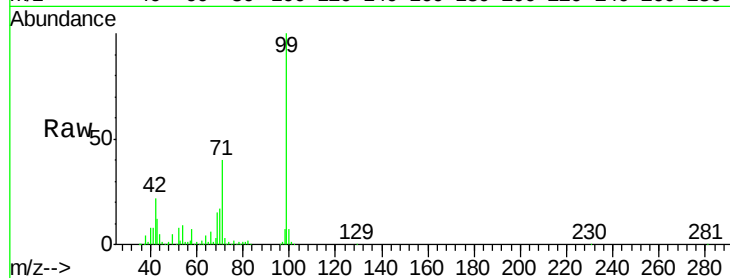
Tot Ion: 99 Resp: 482617

Ion Ratio Lower Upper

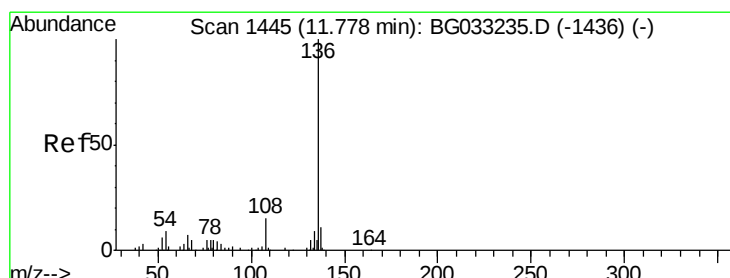
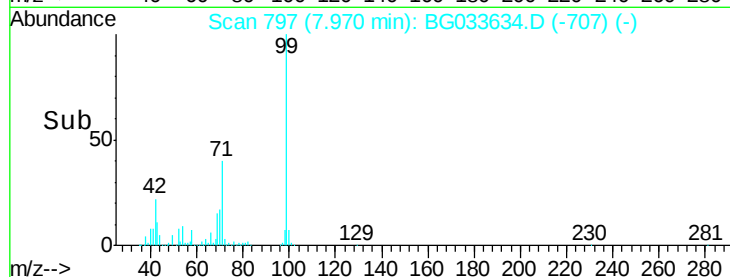
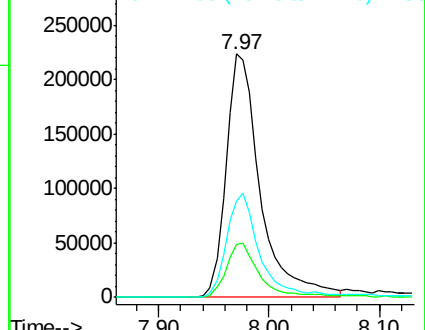
99 100

42 21.7 14.1 21.1#

71 39.8 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: BG033634.D

Acq: 6 Apr 2018 18:49

Tgt Ion: 136 Resp: 180491

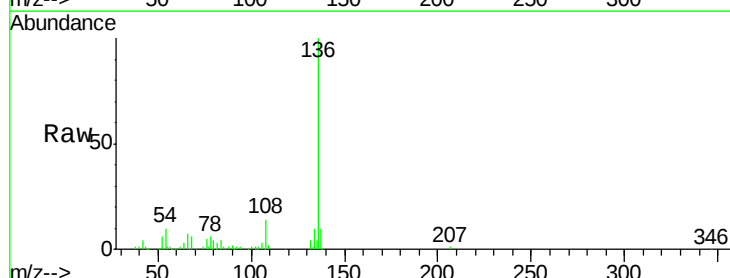
Ion Ratio Lower Upper

136 100

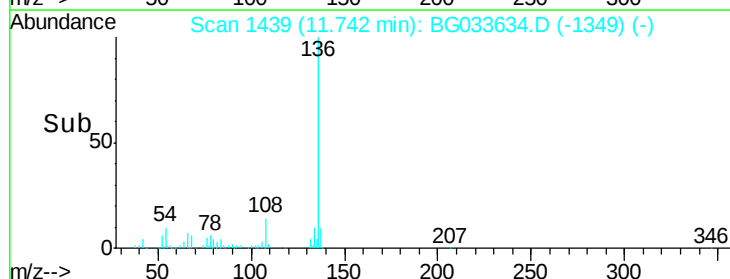
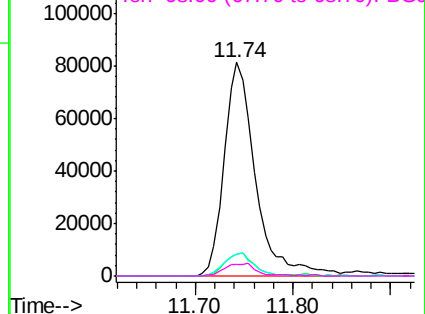
137 10.1 9.2 13.8

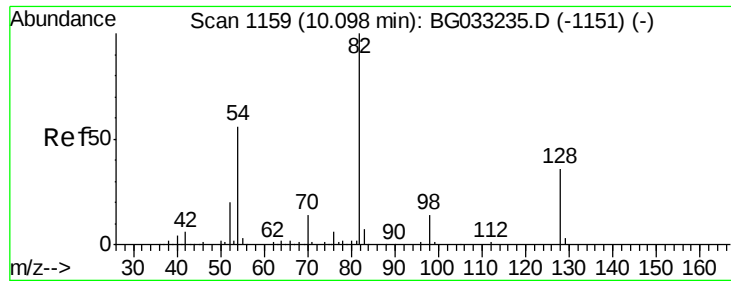
54 10.3 10.3 15.5#

68 5.5 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: 104.493 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BG033634.D

Acq: 6 Apr 2018 18:49

Instrument :

BNA_G

ClientSampleId :

SU-04-040518

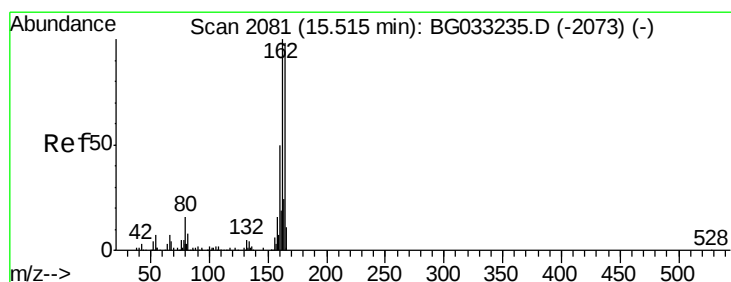
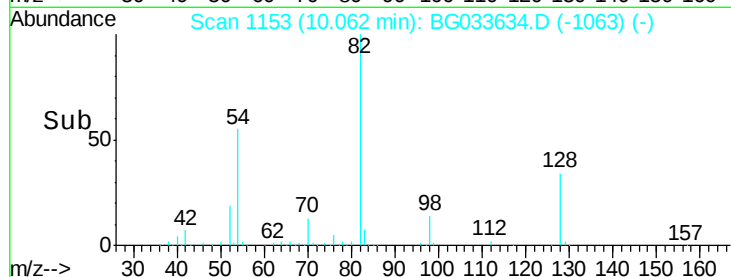
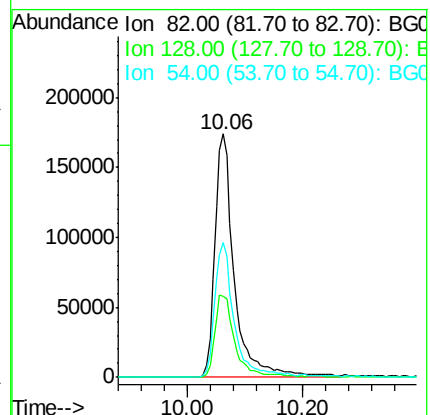
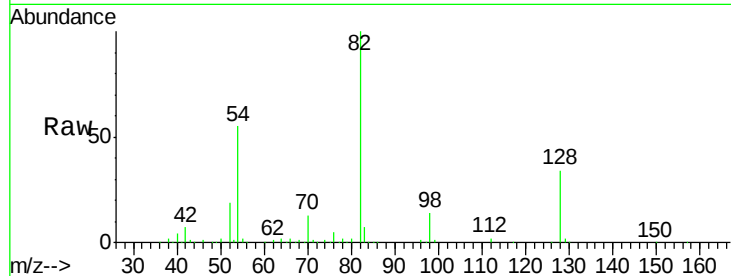
Tot Ion: 82 Resp: 410500

Ion Ratio Lower Upper

82 100

128 33.5 29.7 44.5

54 55.4 43.1 64.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BG033634.D

Acq: 6 Apr 2018 18:49

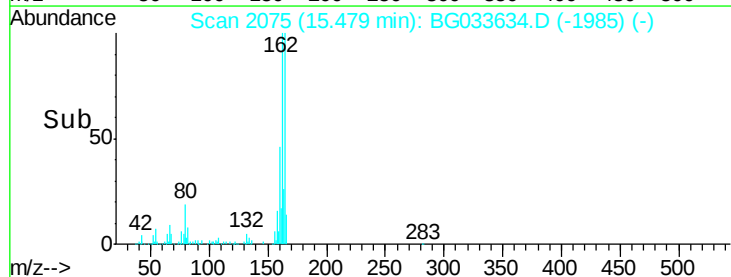
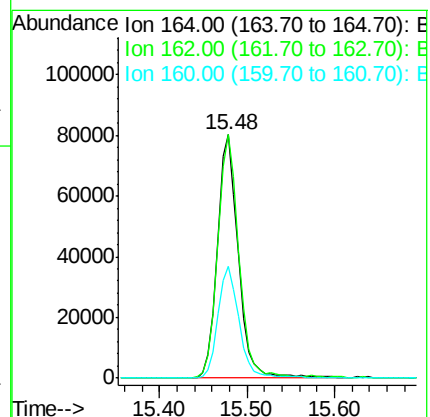
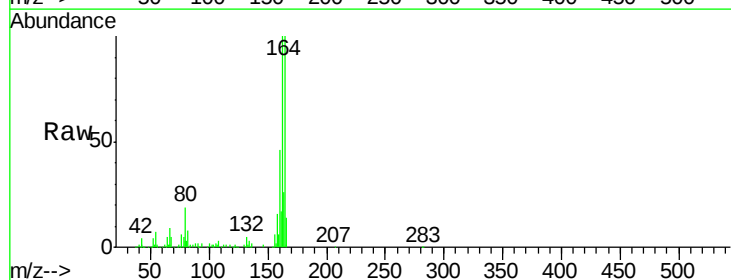
Tgt Ion: 164 Resp: 133201

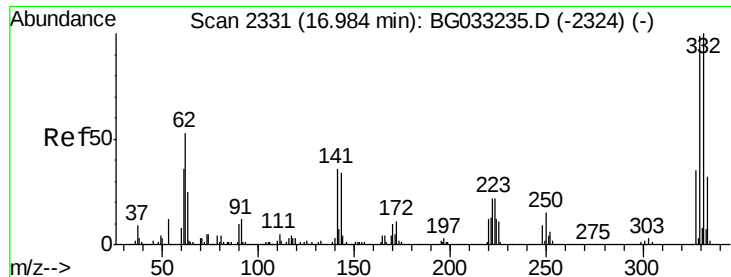
Ion Ratio Lower Upper

164 100

162 100.0 78.8 118.2

160 45.8 35.4 53.0

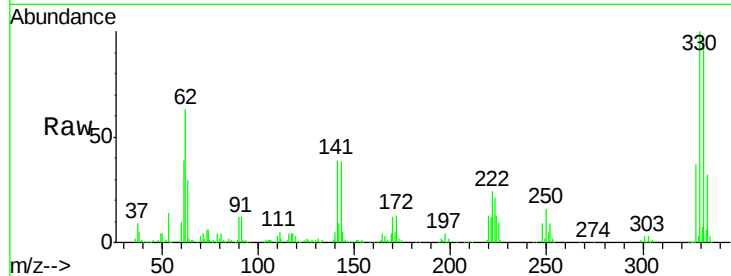




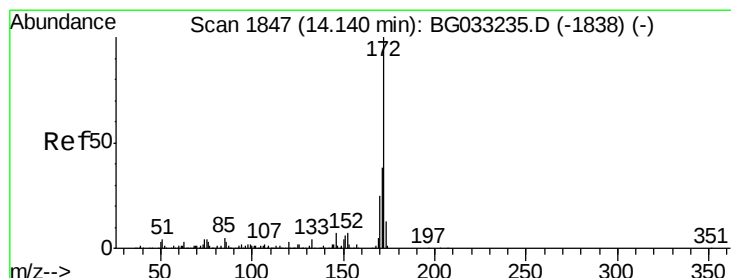
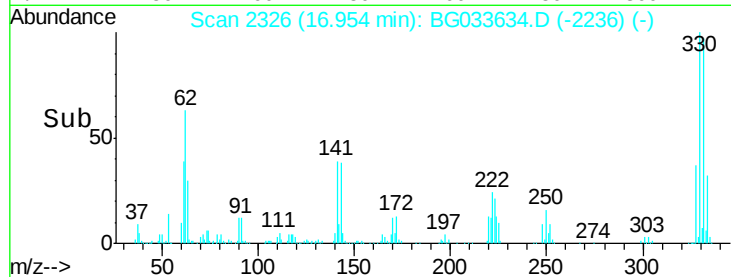
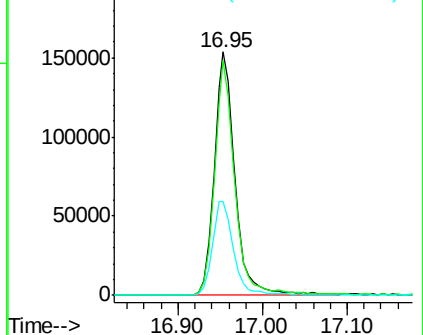
#41
 2,4,6-Tribromophenol
 Concen: 133.379 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033634.D
 Acq: 6 Apr 2018 18:49

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-040518

Tot Ion:330 Resp: 265714
 Ion Ratio Lower Upper
 330 100
 332 93.1 77.0 115.6
 141 40.0 25.2 37.8#

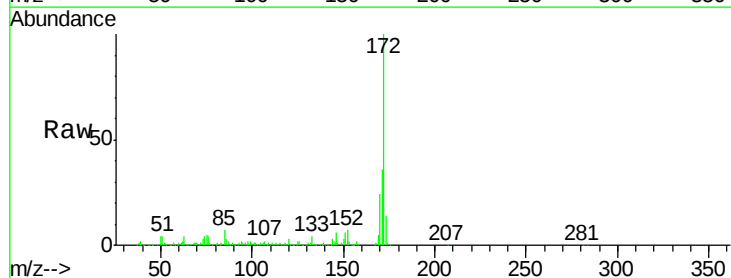


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

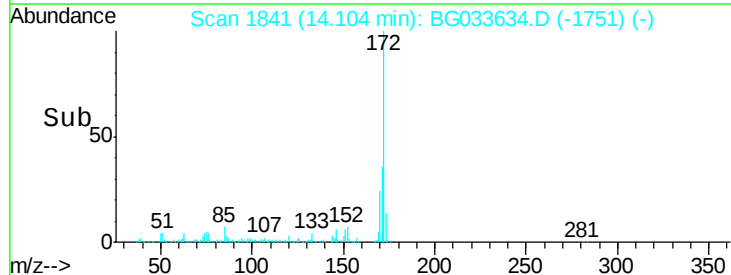
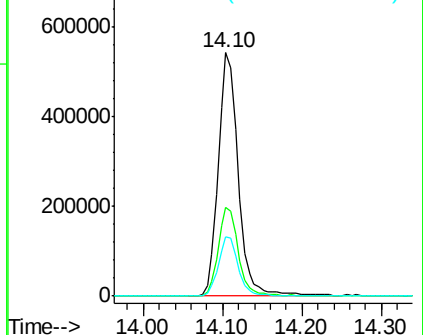


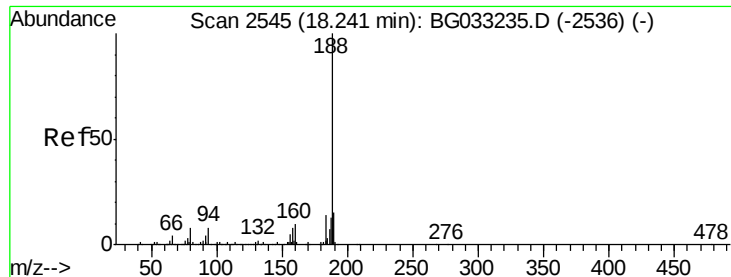
#44
 2-Fluorobiphenyl
 Concen: 102.926 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033634.D
 Acq: 6 Apr 2018 18:49

Tgt Ion:172 Resp: 949678
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.0 45.0
 170 24.3 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# 2540

Delta R.T. -0.00 min

Lab File: BG033634.D

Acq: 6 Apr 2018 18:49

Instrument :

BNA_G

ClientSampleId :

SU-04-040518

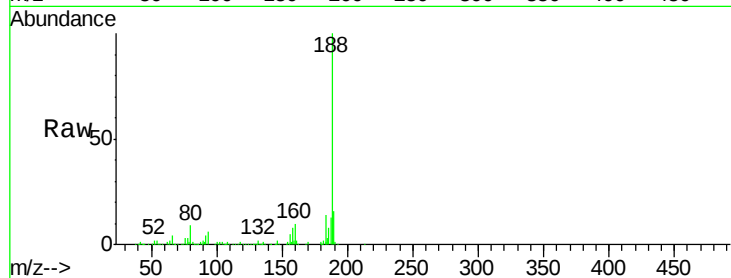
Tot Ion:188 Resp: 320358

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

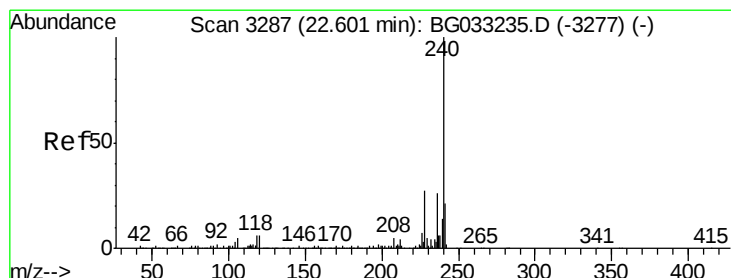
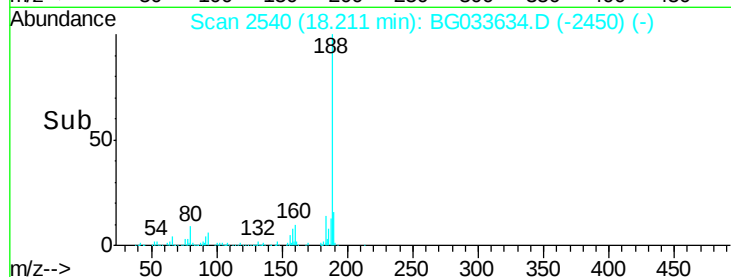
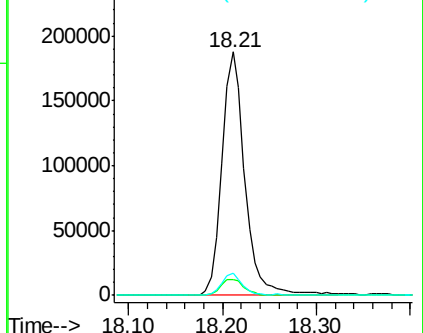
80 9.0 7.7 11.5



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: 22.56 min Scan# 3281

Delta R.T. 0.01 min

Lab File: BG033634.D

Acq: 6 Apr 2018 18:49

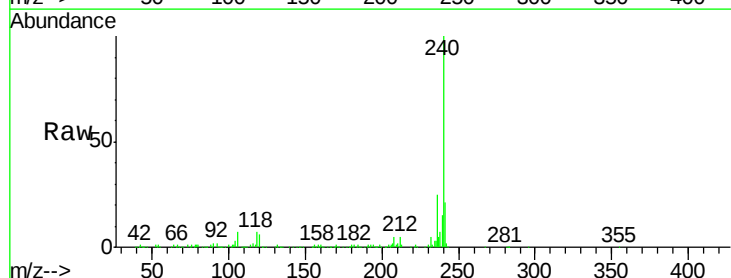
Tgt Ion:240 Resp: 314557

Ion Ratio Lower Upper

240 100

120 6.5 6.8 10.2#

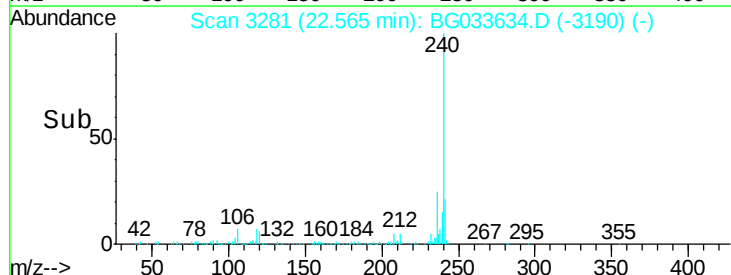
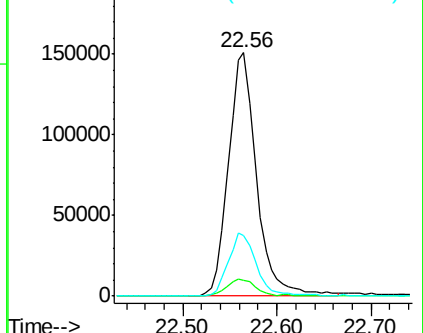
236 24.7 20.9 31.3

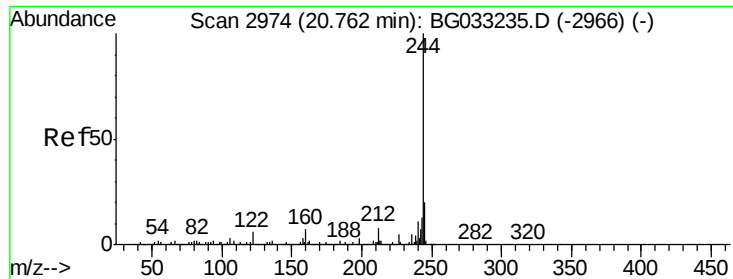


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 107.353 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.01 min

Lab File: BG033634.D

Acq: 6 Apr 2018 18:49

Instrument :

BNA_G

ClientSampled :

SU-04-040518

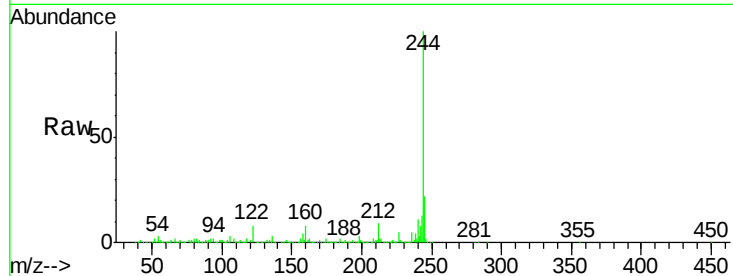
Tot Ion:244 Resp: 1579002

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

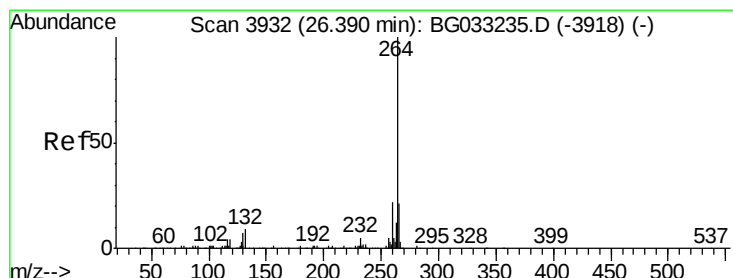
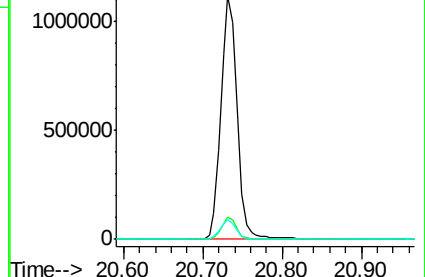
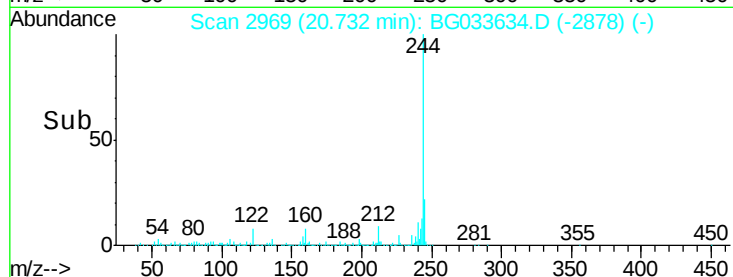
122 8.1 7.0 10.4



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: 26.34 min Scan# 3923

Delta R.T. 0.02 min

Lab File: BG033634.D

Acq: 6 Apr 2018 18:49

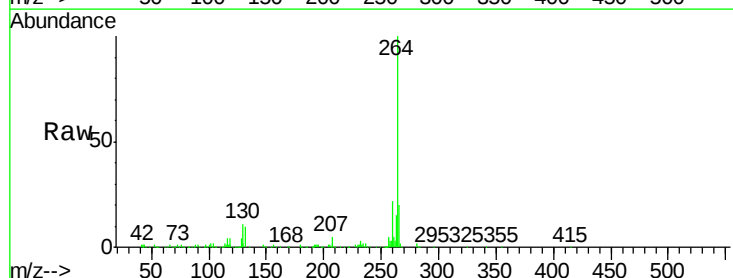
Tgt Ion:264 Resp: 263859

Ion Ratio Lower Upper

264 100

260 22.1 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

