

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033664.D
 Acq On : 7 Apr 2018 13:40
 Operator : SJ/JU
 Sample : J2225-09
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 040218-JETW-E-D-B

Quant Time: Apr 09 03:22:02 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

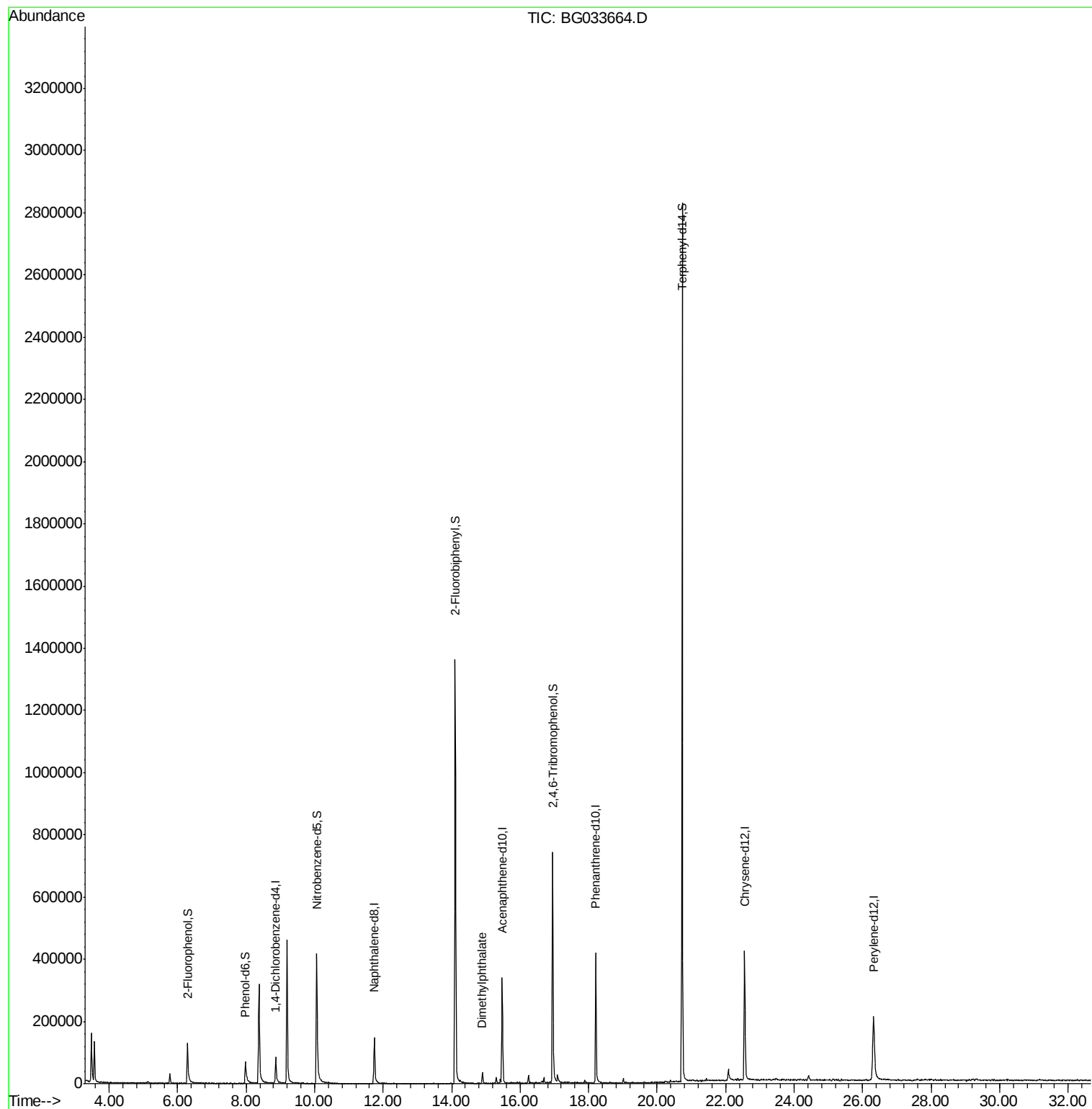
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	32683	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	157930	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	125957	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	306899	20.00	ng	0.00
75) Chrysene-d12	22.56	240	314678	20.00	ng	0.00
86) Perylene-d12	26.32	264	317393	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	73059	41.92	ng	0.00
7) Phenol-d6	7.98	99	65418	21.84	ng	0.00
23) Nitrobenzene-d5	10.06	82	335470	97.59	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	150232	79.75	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	800482	91.75	ng	0.00
78) Terphenyl-d14	20.73	244	1381220	93.87	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.89	163	25014	2.282	ng	Qvalue # 94

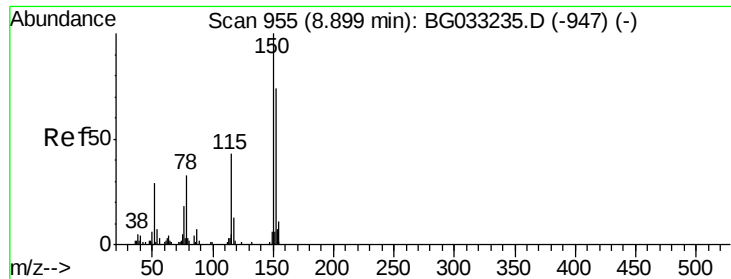
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG033664.D

Acq: 7 Apr 2018 13:40

Instrument :

BNA_G

ClientSampleId :

040218-JETW-E-D-B

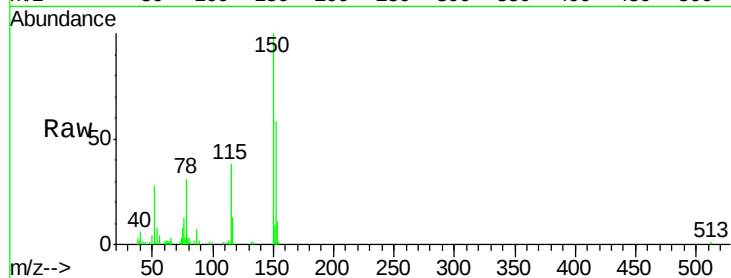
Tot Ion:152 Resp: 32683

Ion Ratio Lower Upper

152 100

150 171.7 126.6 189.8

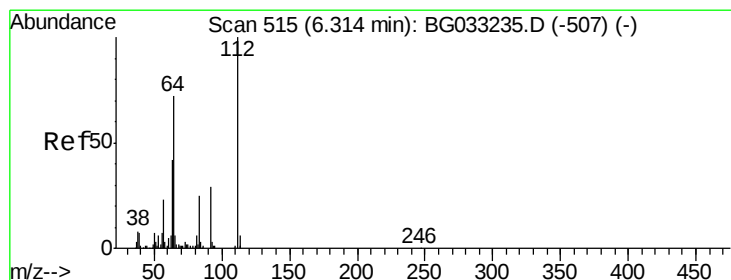
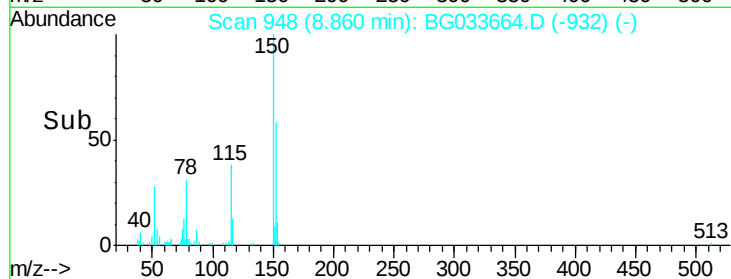
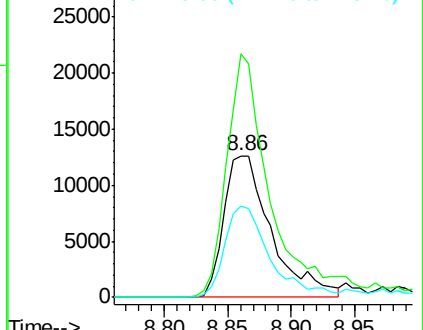
115 64.7 53.0 79.4



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: 41.916 ng

RT: 6.29 min Scan# 510

Delta R.T. -0.00 min

Lab File: BG033664.D

Acq: 7 Apr 2018 13:40

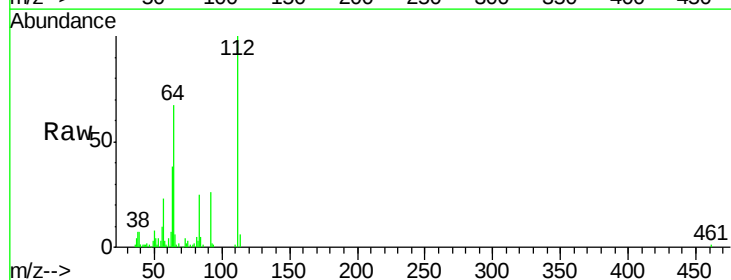
Tgt Ion:112 Resp: 73059

Ion Ratio Lower Upper

112 100

64 67.2 56.3 84.5

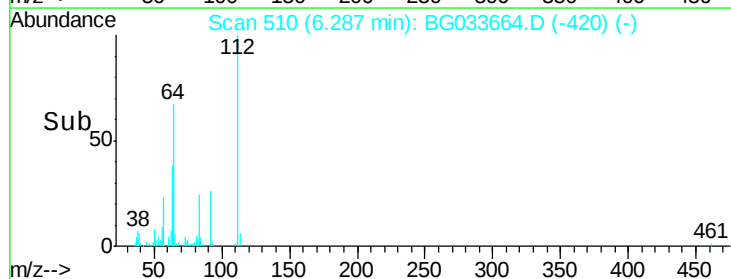
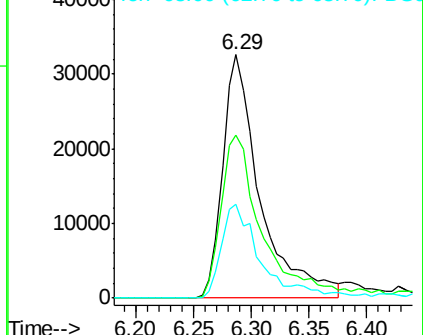
63 38.5 30.1 45.1

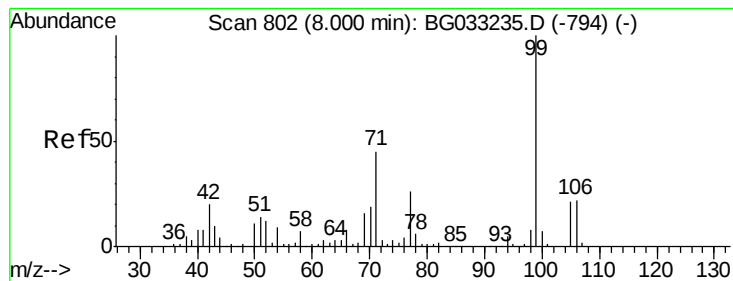


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 21.844 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.01 min

Lab File: BG033664.D

Acq: 7 Apr 2018 13:40

Instrument :

BNA_G

ClientSampleId :

040218-JETW-E-D-B

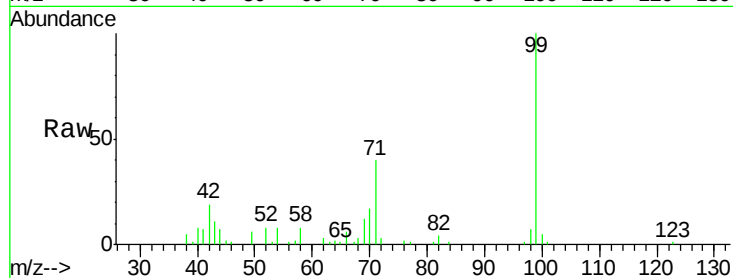
Tot Ion: 99 Resp: 65418

Ion Ratio Lower Upper

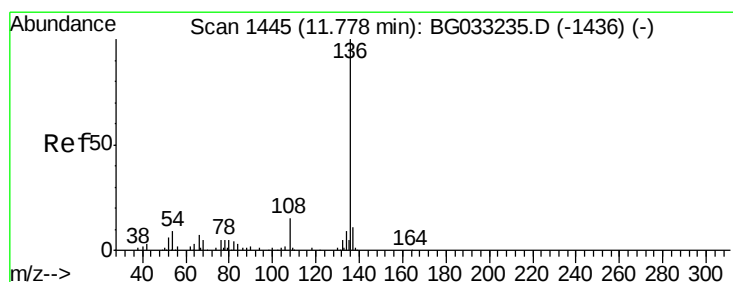
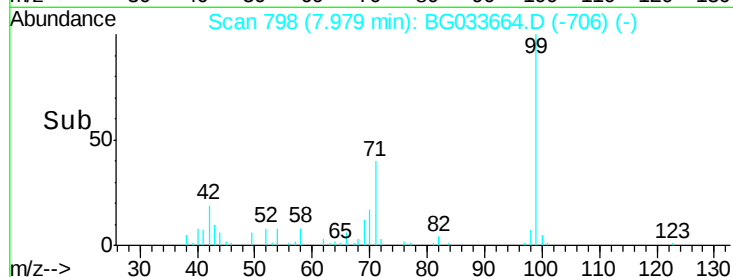
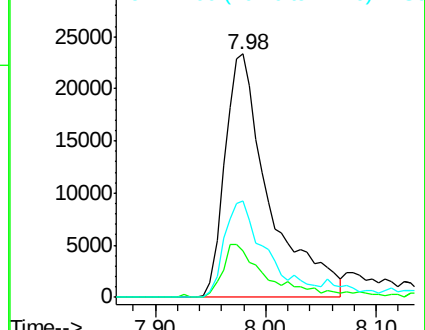
99 100

42 19.1 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: 11.75 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BG033664.D

Acq: 7 Apr 2018 13:40

Tgt Ion: 136 Resp: 157930

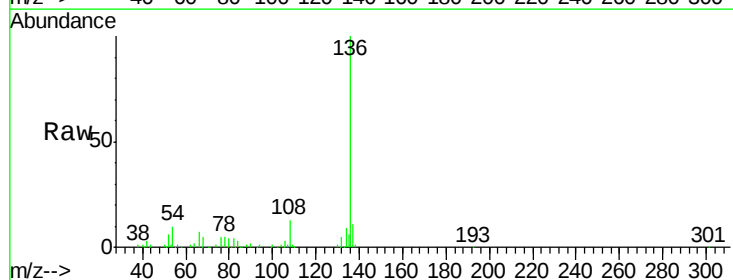
Ion Ratio Lower Upper

136 100

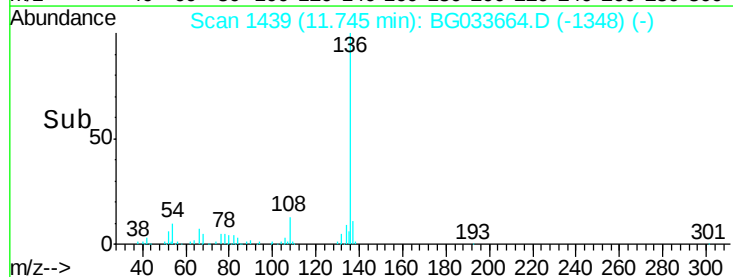
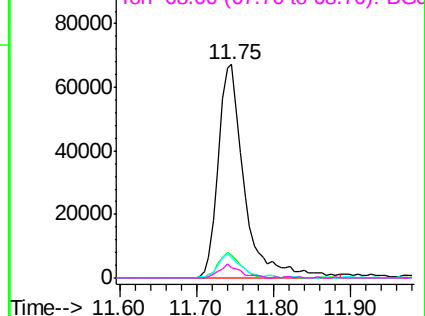
137 11.1 9.2 13.8

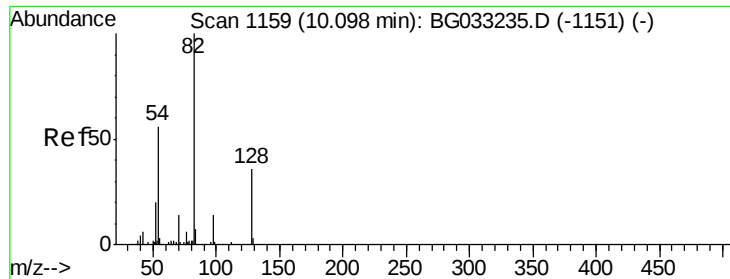
54 9.7 10.3 15.5#

68 4.7 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: 97.593 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BG033664.D

Acq: 7 Apr 2018 13:40

Instrument :

BNA_G

ClientSampleId :

040218-JETW-E-D-B

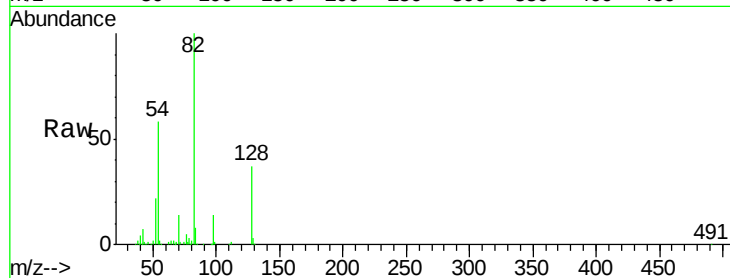
Tot Ion: 82 Resp: 335470

Ion Ratio Lower Upper

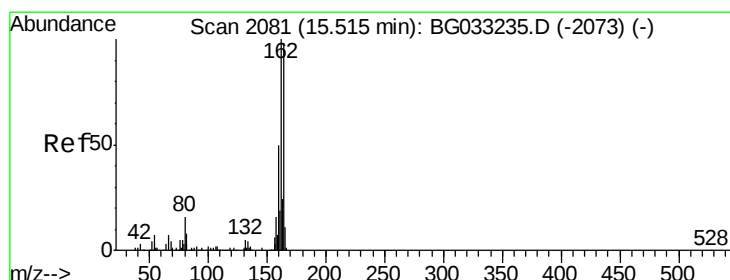
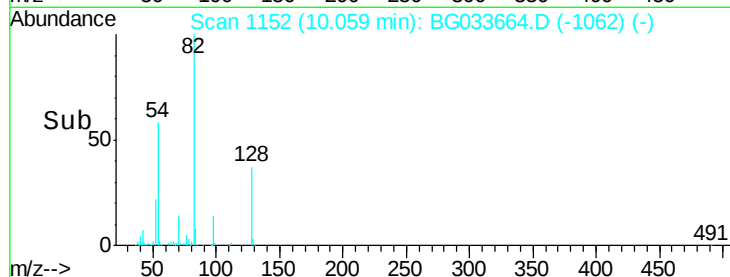
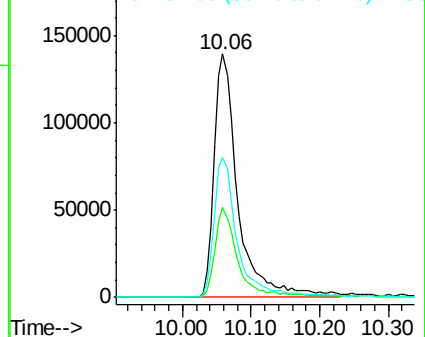
82 100

128 37.1 29.7 44.5

54 57.6 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: 15.48 min Scan# 2074

Delta R.T. -0.00 min

Lab File: BG033664.D

Acq: 7 Apr 2018 13:40

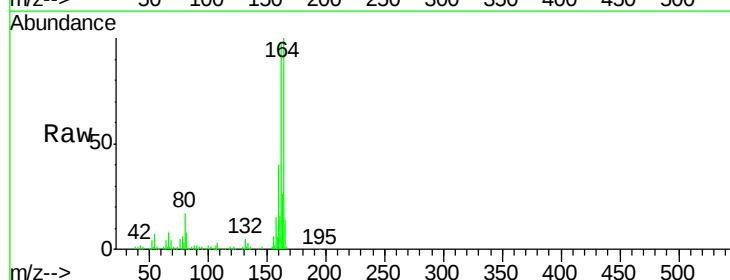
Tgt Ion: 164 Resp: 125957

Ion Ratio Lower Upper

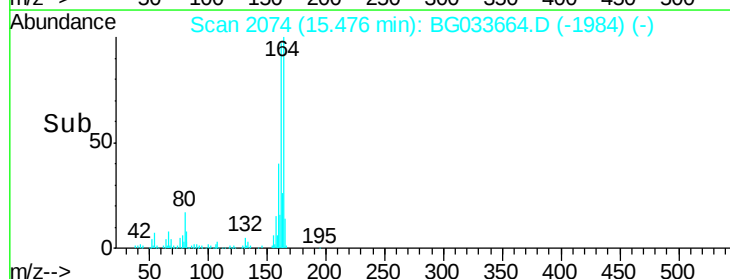
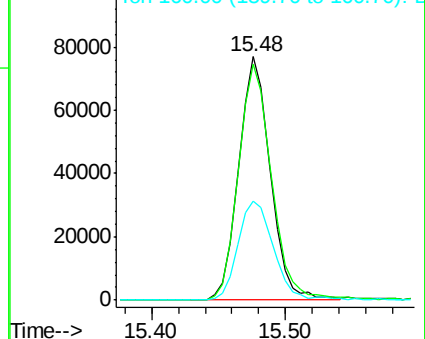
164 100

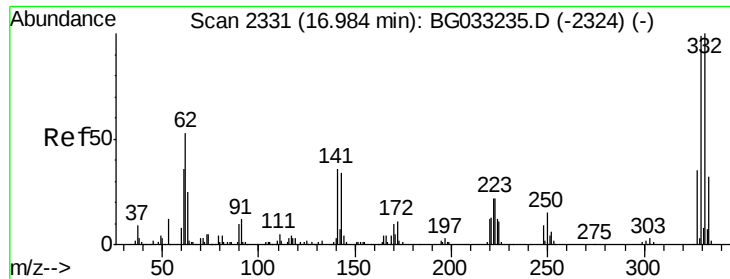
162 97.0 78.8 118.2

160 40.4 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

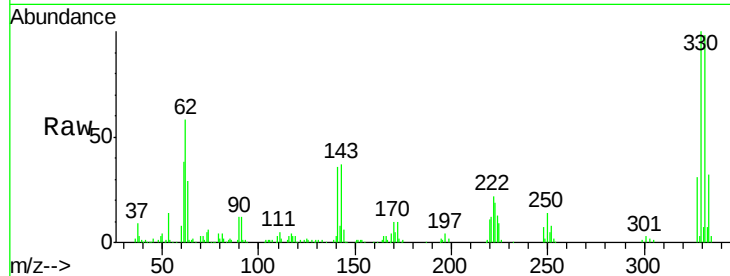




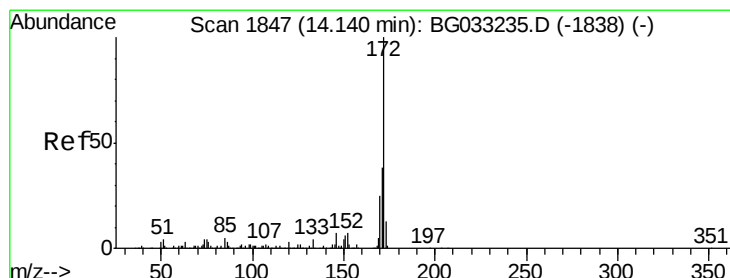
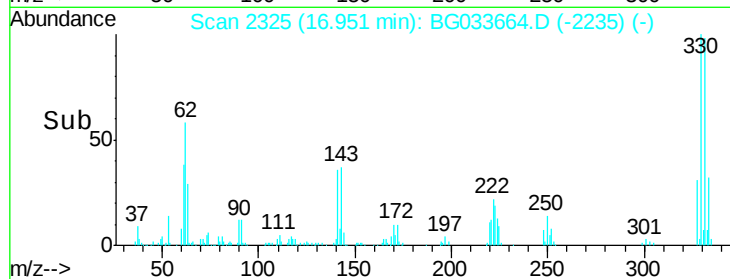
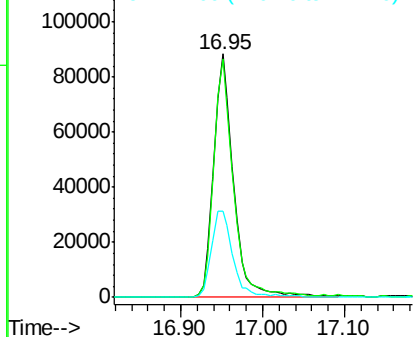
#41
 2,4,6-Tribromophenol
 Concen: 79.748 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033664.D
 Acq: 7 Apr 2018 13:40

Instrument :
 BNA_G
 ClientSampleId :
 040218-JETW-E-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	38.1	25.2	37.8#

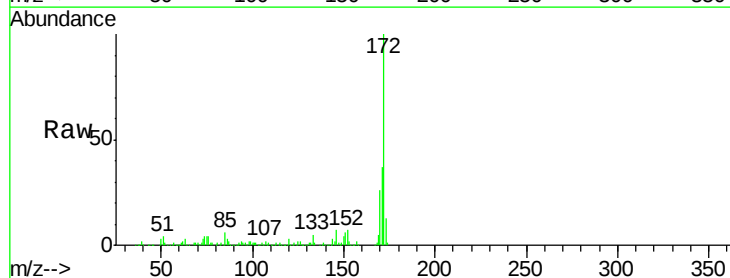


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

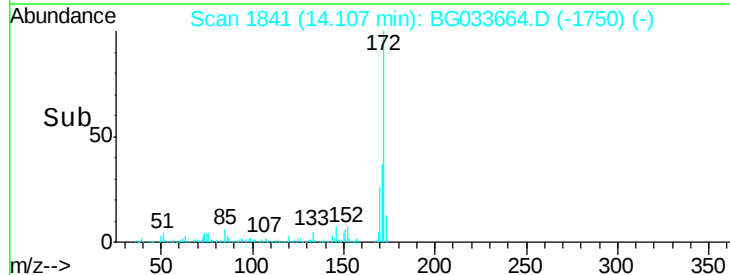
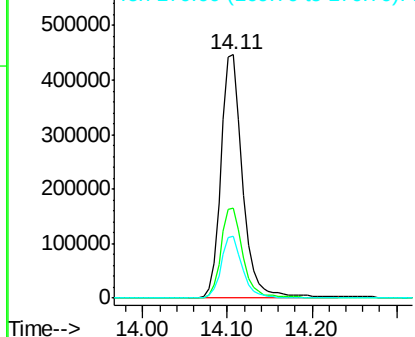


#44
 2-Fluorobiphenyl
 Concen: 91.746 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033664.D
 Acq: 7 Apr 2018 13:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	25.5	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





#49

Dimethylphthalate

Concen: 2.282 ng

RT: 14.89 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG033664.D

Acq: 7 Apr 2018 13:40

Instrument :

BNA_G

ClientSampleId :

040218-JETW-E-D-B

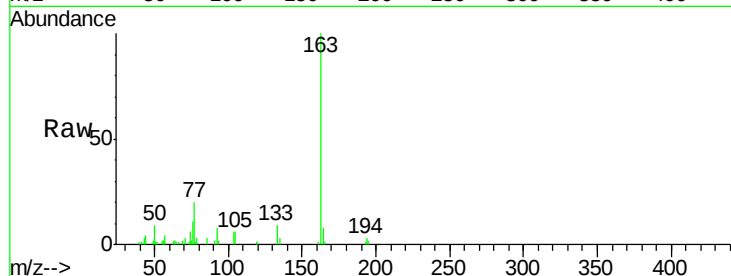
Tot Ion:163 Resp: 25014

Ion Ratio Lower Upper

163 100

194 2.9 3.4 5.2#

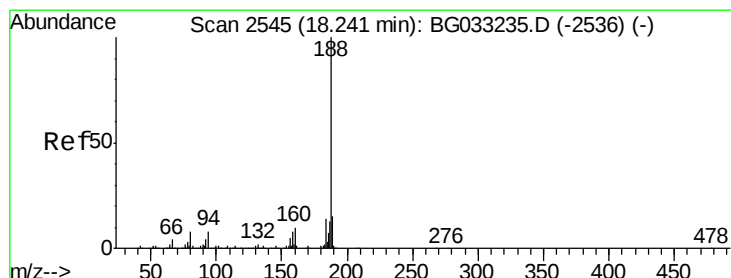
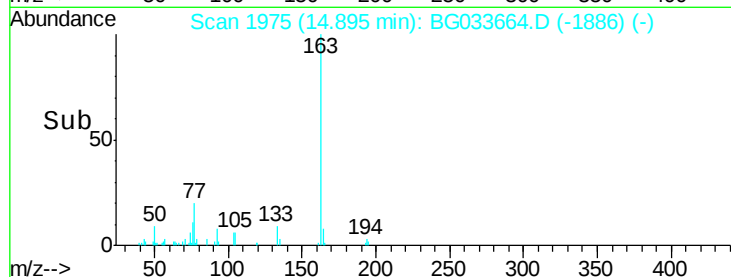
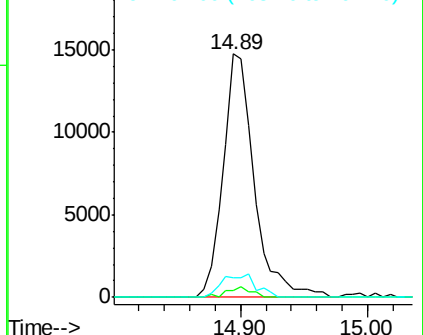
164 8.0 8.2 12.4#



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: 18.21 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BG033664.D

Acq: 7 Apr 2018 13:40

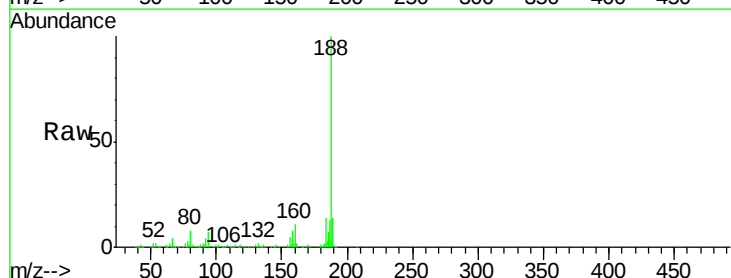
Tgt Ion:188 Resp: 306899

Ion Ratio Lower Upper

188 100

94 7.4 6.9 10.3

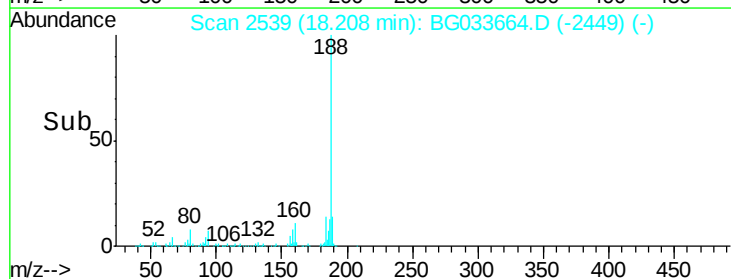
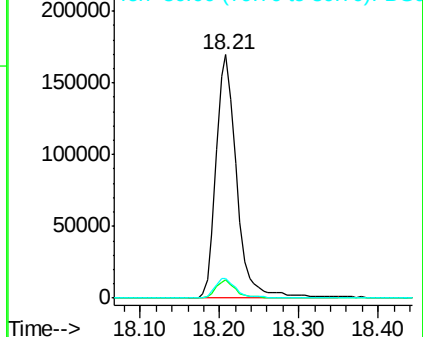
80 8.3 7.7 11.5

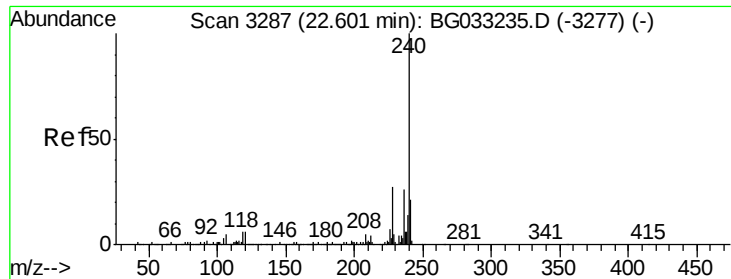


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.56 min Scan# 3279

Delta R.T. -0.00 min

Lab File: BG033664.D

Acq: 7 Apr 2018 13:40

Instrument :

BNA_G

ClientSampleId :

040218-JETW-E-D-B

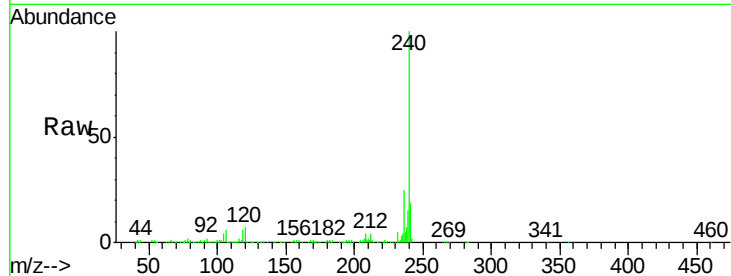
Tot Ion:240 Resp: 314678

Ion Ratio Lower Upper

240 100

120 6.8 6.8 10.2#

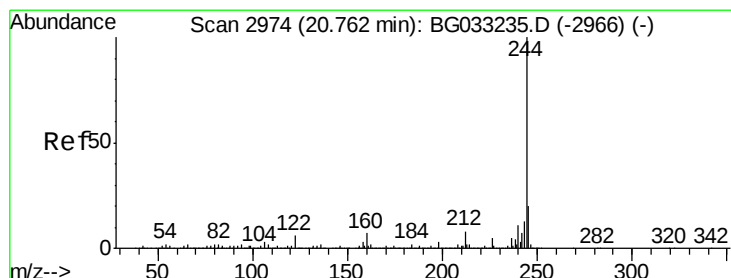
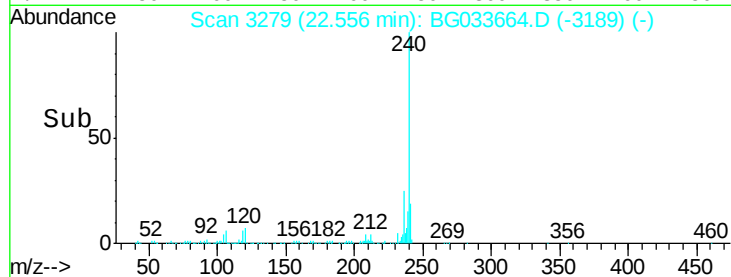
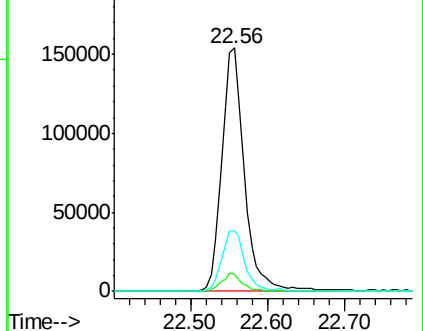
236 24.9 20.9 31.3



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: 93.870 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033664.D

Acq: 7 Apr 2018 13:40

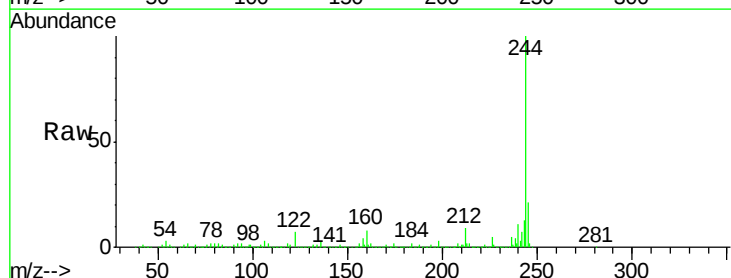
Tgt Ion:244 Resp: 1381220

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

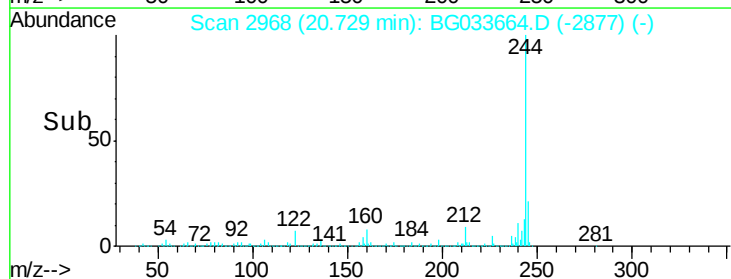
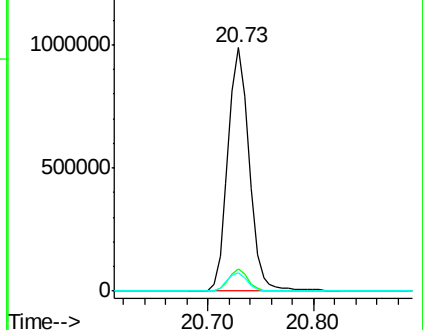
122 7.4 7.0 10.4

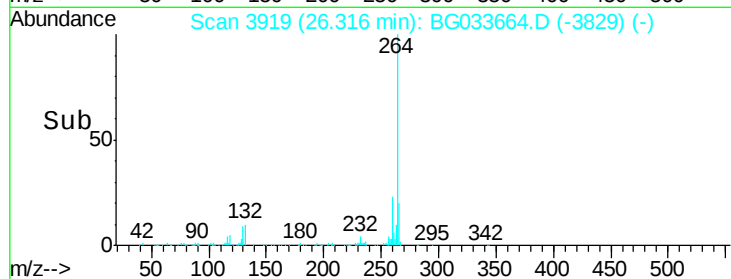
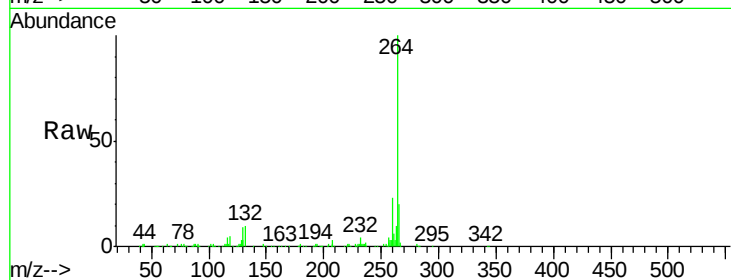
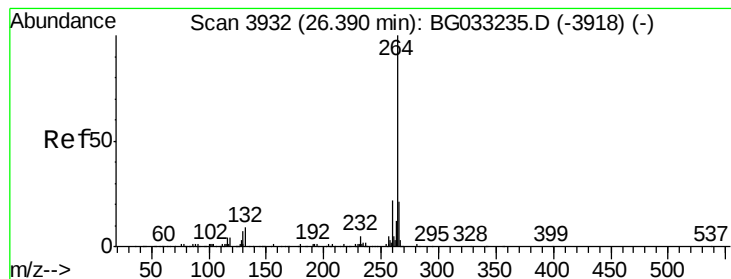


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.32 min Scan# 3919

Delta R.T. -0.00 min

Lab File: BG033664.D

Acq: 7 Apr 2018 13:40

Instrument :

BNA_G

ClientSampleId :

040218-JETW-E-D-B

Tot Ion:264 Resp: 317393

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 19.8 17.7 26.5

