

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
 Data File : BG033689.D
 Acq On : 9 Apr 2018 20:24
 Operator : SJ/JU
 Sample : J2236-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-040418

Quant Time: Apr 10 07:20:48 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	46196	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	192030	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	135989	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	343686	20.00	ng	0.00
75) Chrysene-d12	22.55	240	333047	20.00	ng	-0.01
86) Perylene-d12	26.30	264	344854	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	158989	64.53	ng	0.00
7) Phenol-d6	7.97	99	131293	31.02	ng	0.00
23) Nitrobenzene-d5	10.06	82	420971	100.72	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	259033	127.36	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	948033	100.64	ng	0.00
78) Terphenyl-d14	20.73	244	1550918	99.59	ng	0.00

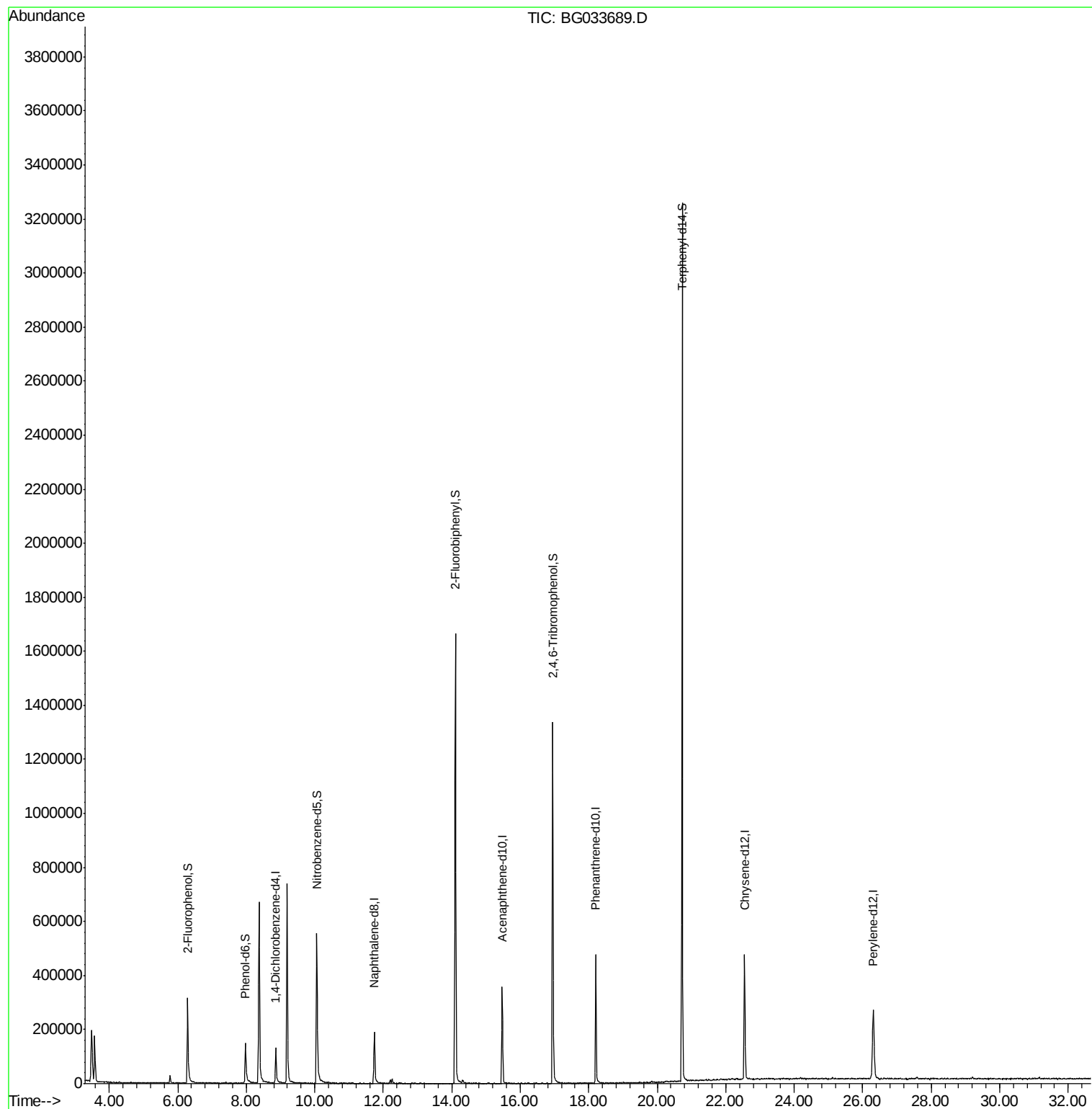
Target Compounds Qvalue

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

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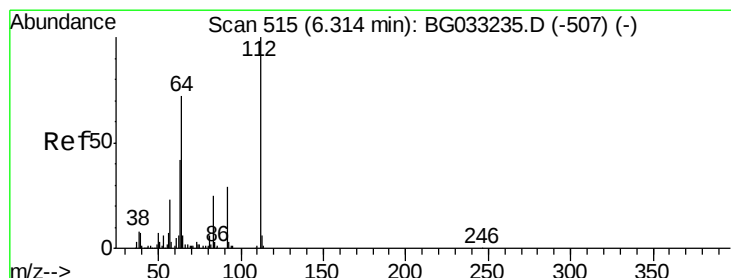
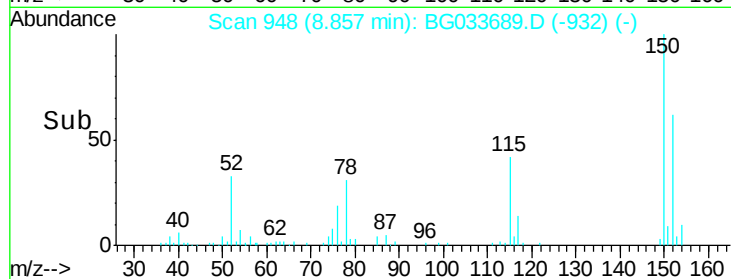
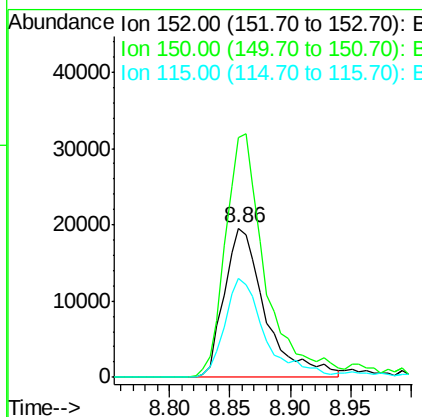
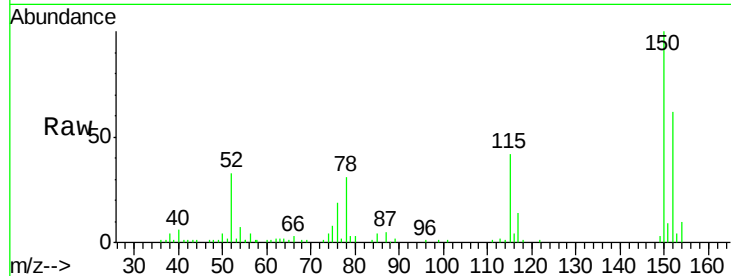


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033689.D
Acq: 9 Apr 2018 20:24

Instrument :
BNA_G
ClientSampleId :
FB-040418

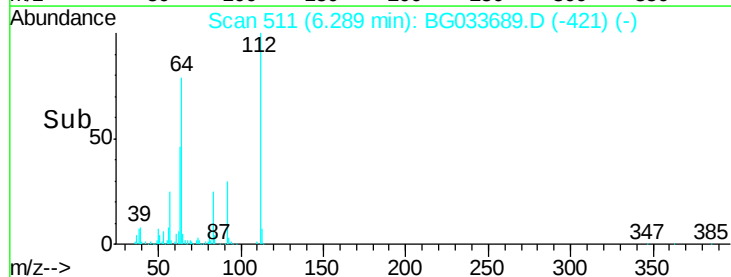
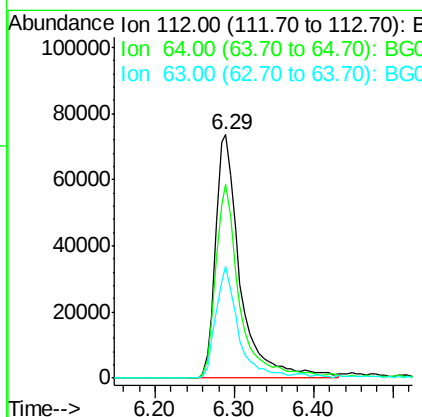
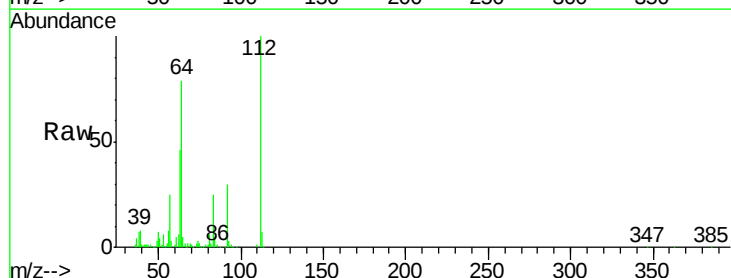
Tot Ion:152 Resp: 46196
Ion Ratio Lower Upper
152 100
150 160.5 126.6 189.8
115 66.6 53.0 79.4

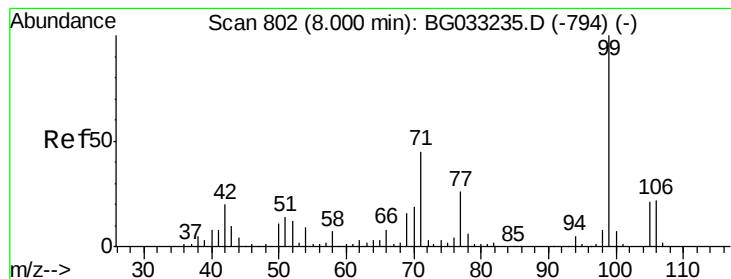


#5

2-Fluorophenol
Concen: 64.534 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033689.D
Acq: 9 Apr 2018 20:24

Tgt Ion:112 Resp: 158989
Ion Ratio Lower Upper
112 100
64 79.4 56.3 84.5
63 45.7 30.1 45.1#





#7

Phenol-d6

Concen: 31.016 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033689.D

Acq: 9 Apr 2018 20:24

Instrument :

BNA_G

ClientSampleId :

FB-040418

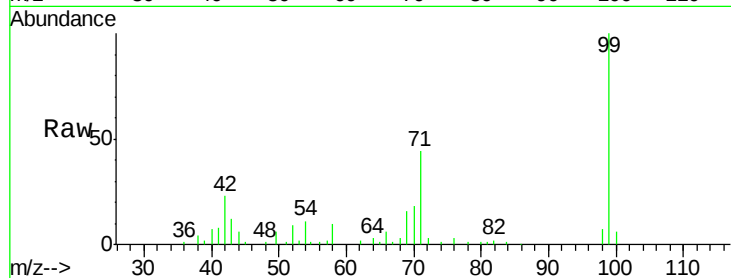
Tot Ion: 99 Resp: 131293

Ion Ratio Lower Upper

99 100

42 22.7 14.1 21.1#

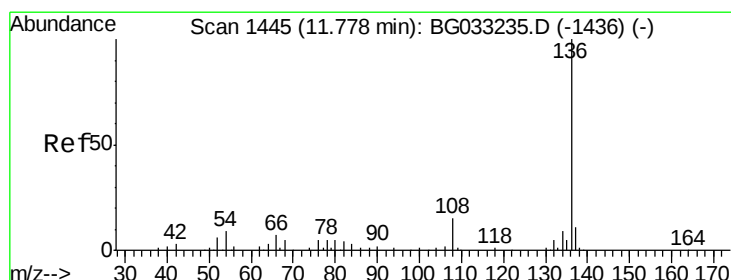
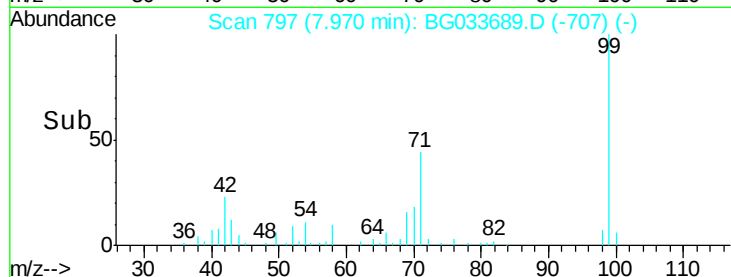
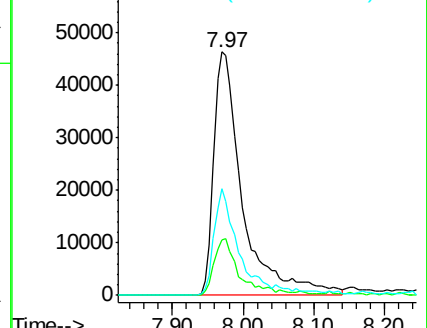
71 43.6 26.1 39.1#



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: BG033689.D

Acq: 9 Apr 2018 20:24

Tgt Ion: 136 Resp: 192030

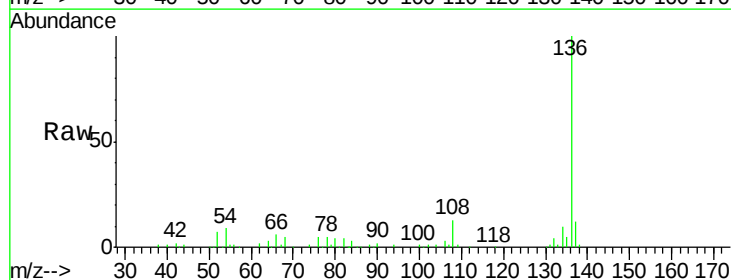
Ion Ratio Lower Upper

136 100

137 12.1 9.2 13.8

54 9.3 10.3 15.5#

68 5.1 4.5 6.7

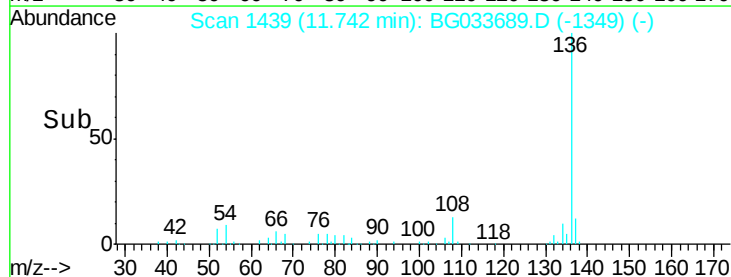
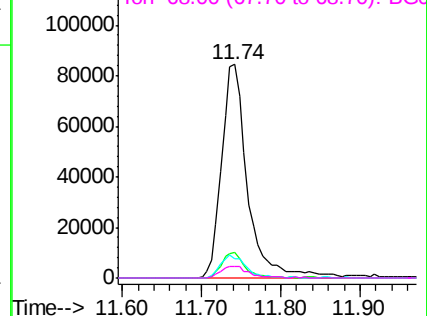


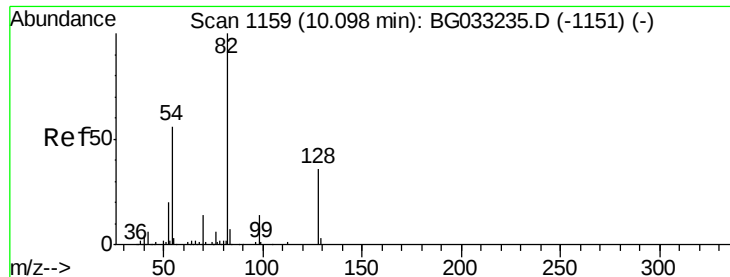
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 100.719 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG033689.D

Acq: 9 Apr 2018 20:24

Instrument :

BNA_G

ClientSampleId :

FB-040418

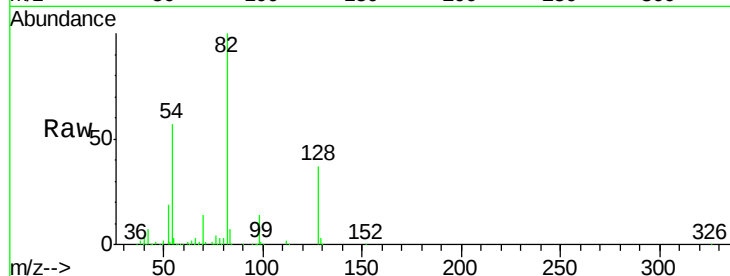
Tot Ion: 82 Resp: 420971

Ion Ratio Lower Upper

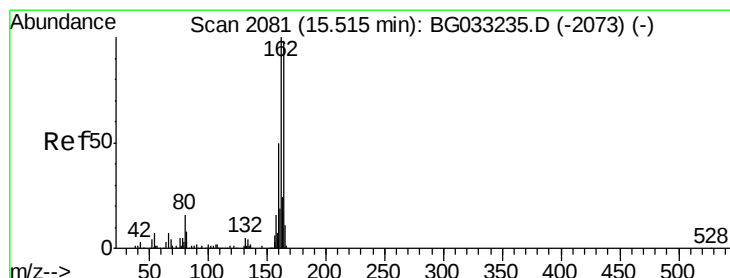
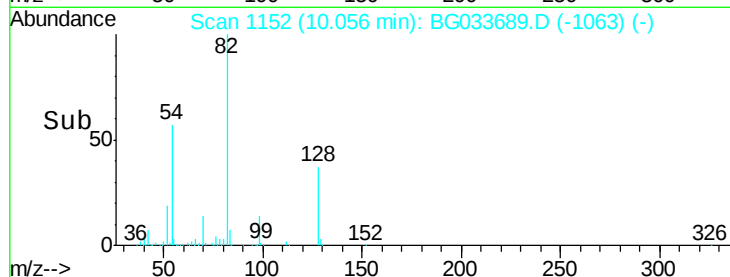
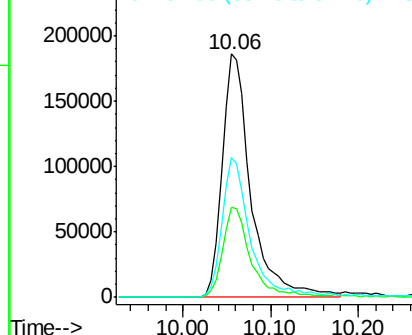
82 100

128 37.0 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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BG033689.D

Acq: 9 Apr 2018 20:24

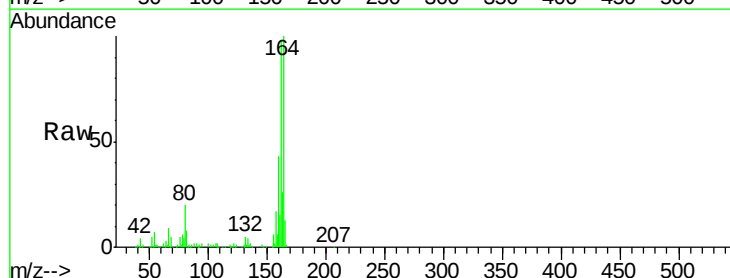
Tgt Ion: 164 Resp: 135989

Ion Ratio Lower Upper

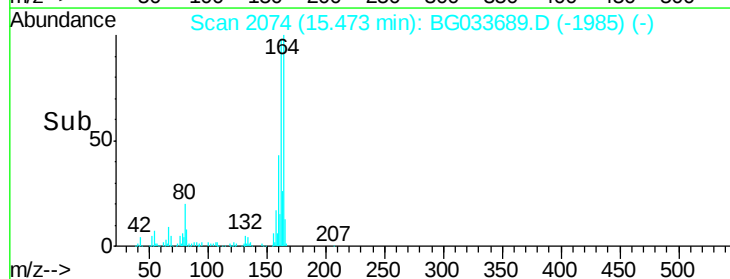
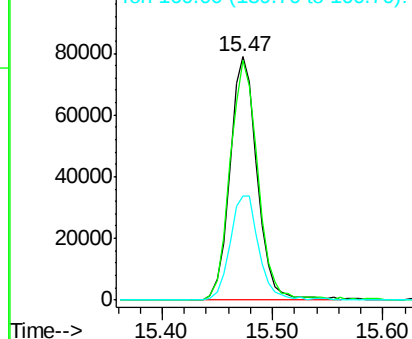
164 100

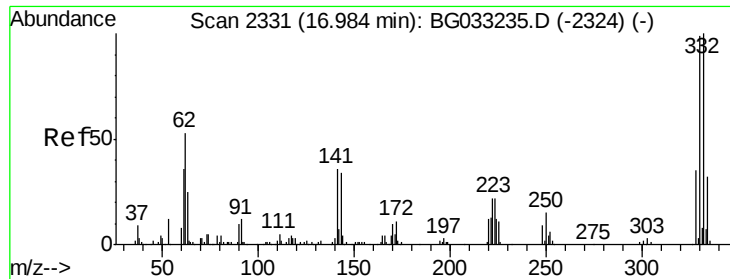
162 98.5 78.8 118.2

160 42.7 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

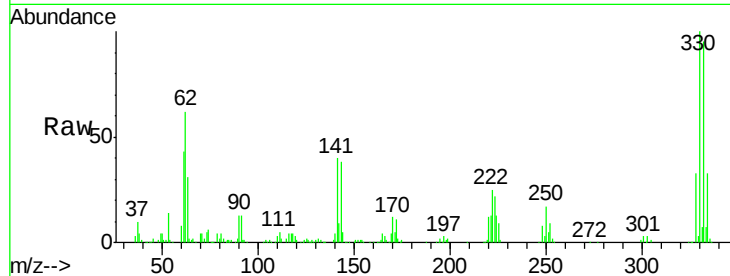




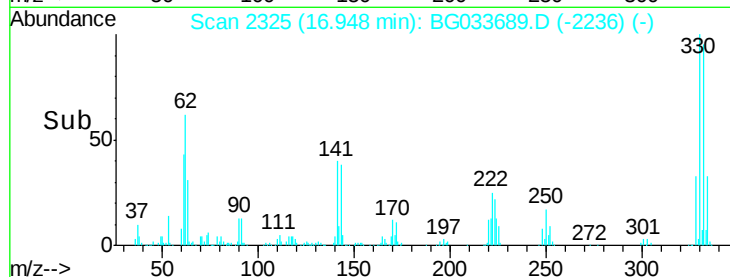
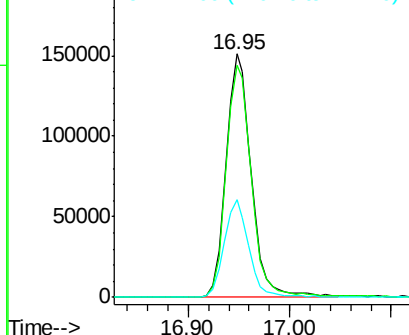
#41
 2,4,6-Tribromophenol
 Concen: 127.359 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033689.D
 Acq: 9 Apr 2018 20:24

Instrument :
 BNA_G
 ClientSampleId :
 FB-040418

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	39.7	25.2	37.8#

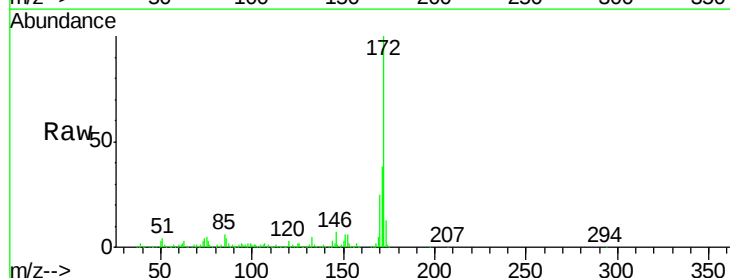


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

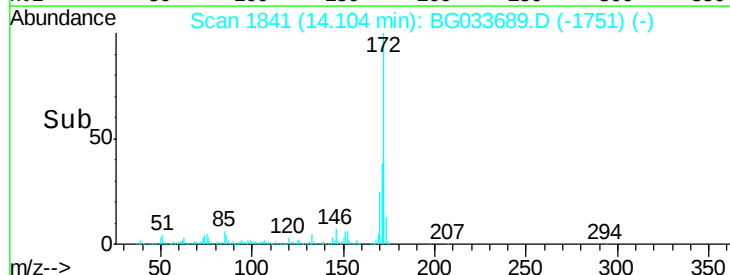
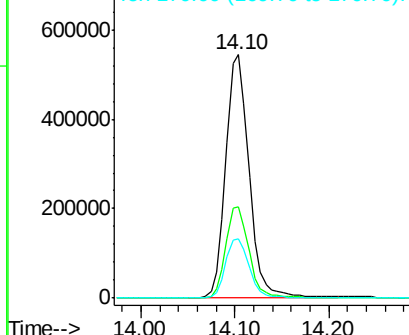


#44
 2-Fluorobiphenyl
 Concen: 100.641 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033689.D
 Acq: 9 Apr 2018 20:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	24.6	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# 2539

Delta R.T. -0.01 min

Lab File: BG033689.D

Acq: 9 Apr 2018 20:24

Instrument :

BNA_G

ClientSampleId :

FB-040418

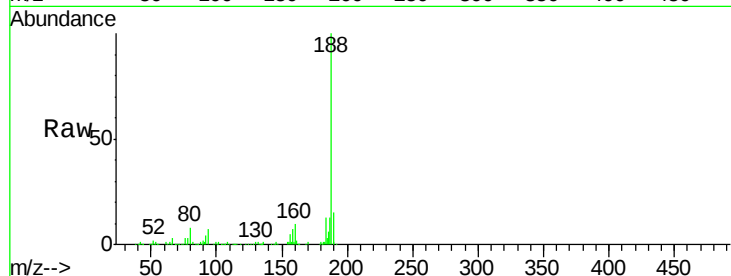
Tot Ion:188 Resp: 343686

Ion Ratio Lower Upper

188 100

94 6.5 6.9 10.3#

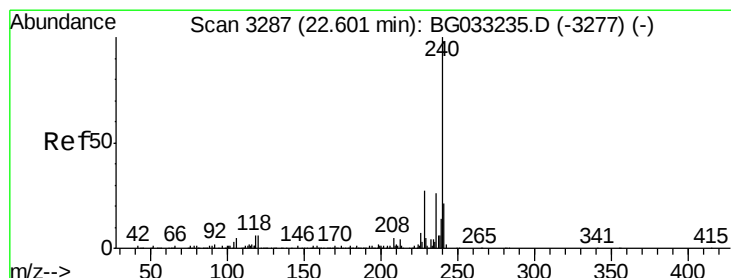
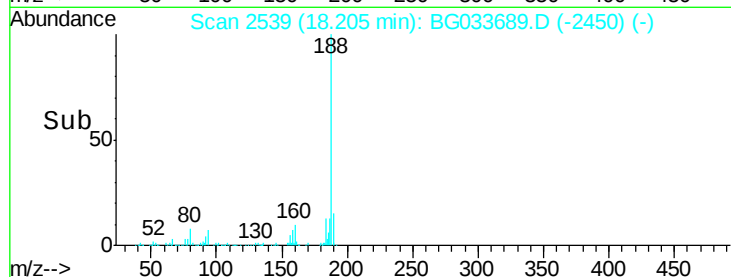
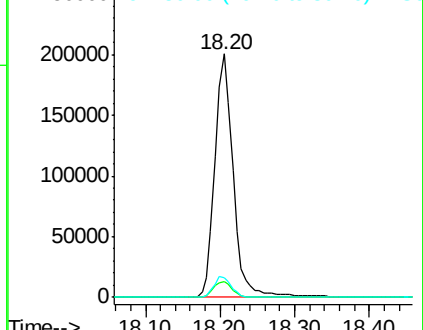
80 7.9 7.7 11.5



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: BG033689.D

Acq: 9 Apr 2018 20:24

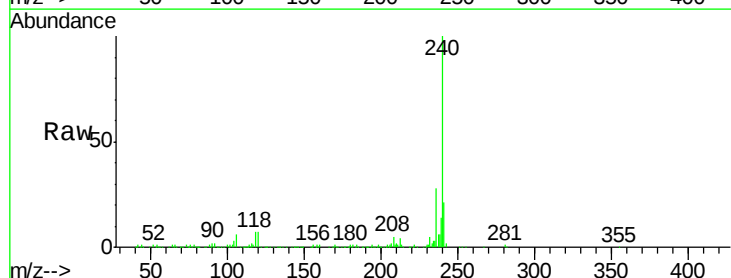
Tgt Ion:240 Resp: 333047

Ion Ratio Lower Upper

240 100

120 7.2 6.8 10.2

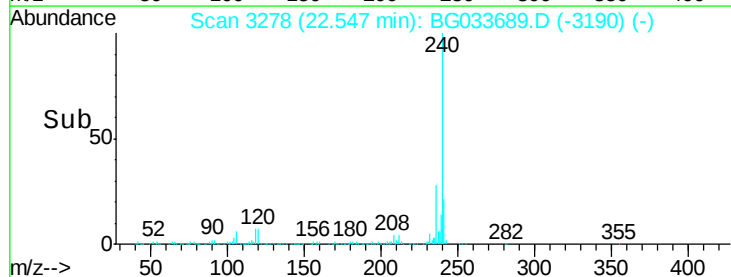
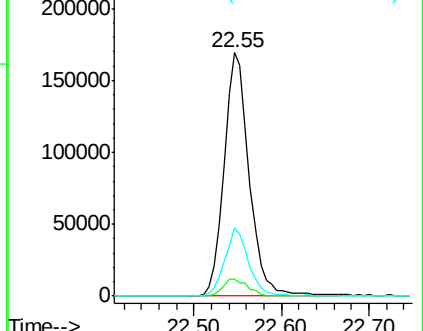
236 27.8 20.9 31.3

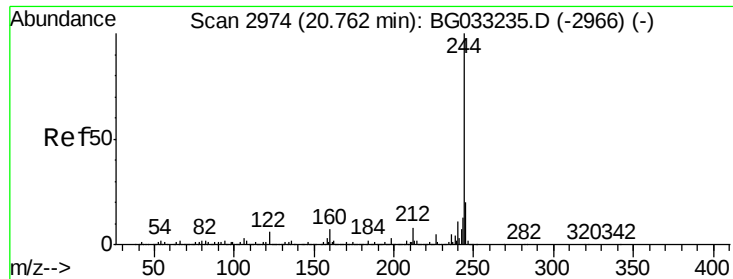


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 99.590 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033689.D

Acq: 9 Apr 2018 20:24

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FB-040418

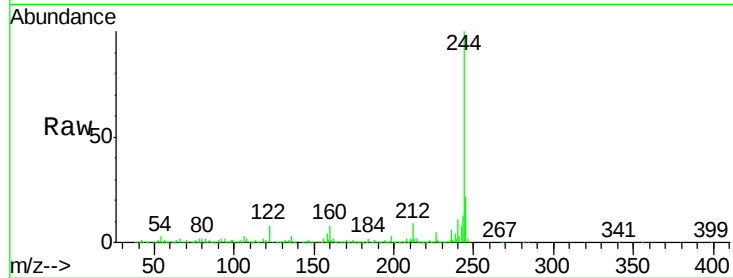
Tot Ion:244 Resp: 1550918

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

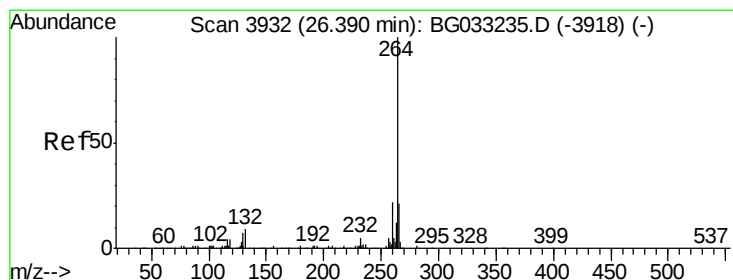
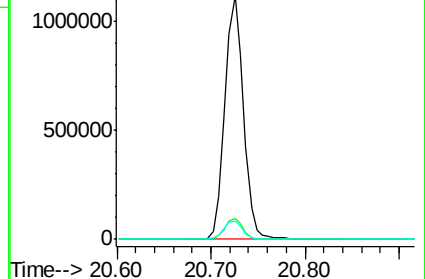
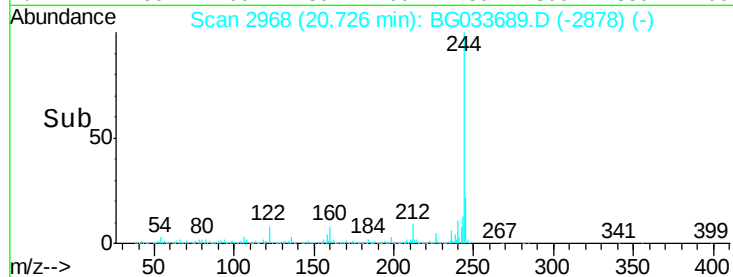
122 7.8 7.0 10.4



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: 26.30 min Scan# 3917

Delta R.T. -0.02 min

Lab File: BG033689.D

Acq: 9 Apr 2018 20:24

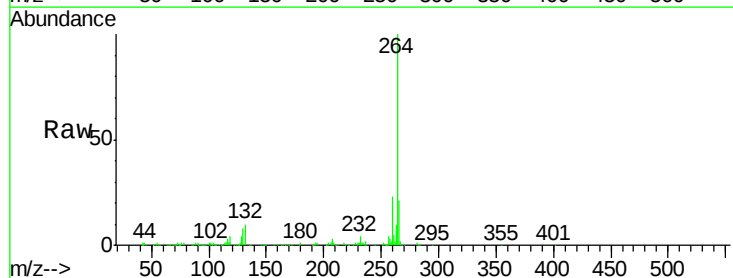
Tgt Ion:264 Resp: 344854

Ion Ratio Lower Upper

264 100

260 22.8 17.4 26.0

265 21.0 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

