

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033638.D
 Acq On : 6 Apr 2018 21:20
 Operator : SJ/JU
 Sample : J2223-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CV-RB47188RT

Quant Time: Apr 07 01:22:38 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	39526	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	180464	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	139657	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	332906	20.00	ng	0.00
75) Chrysene-d12	22.55	240	344377	20.00	ng	0.00
86) Perylene-d12	26.32	264	333199	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	344244	163.31	ng	0.00
7) Phenol-d6	7.97	99	486934	134.44	ng	0.00
23) Nitrobenzene-d5	10.06	82	399851	101.80	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	269686	129.11	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	951552	98.36	ng	0.00
78) Terphenyl-d14	20.73	244	1619188	100.55	ng	0.00

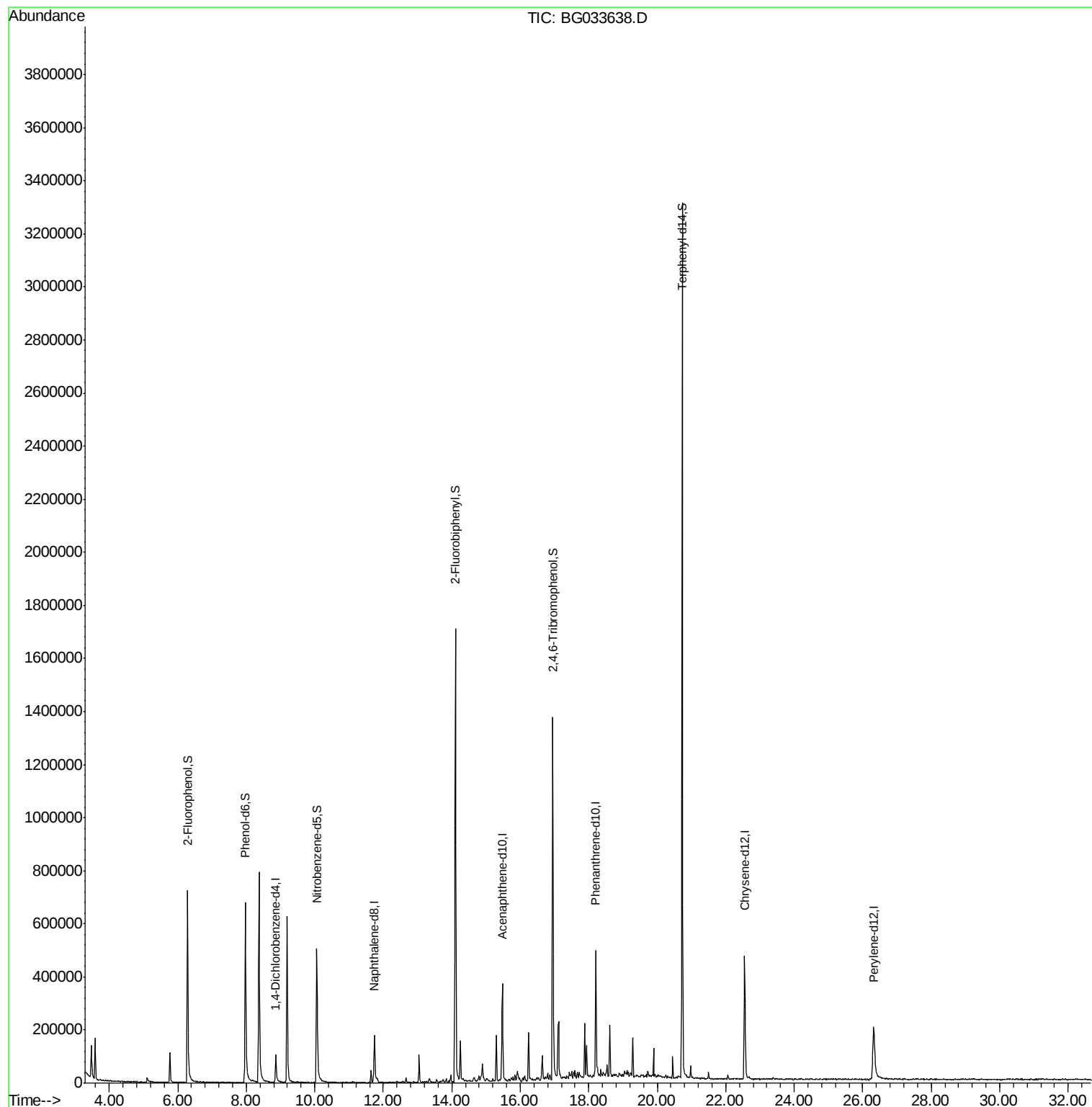
Target Compounds Qvalue

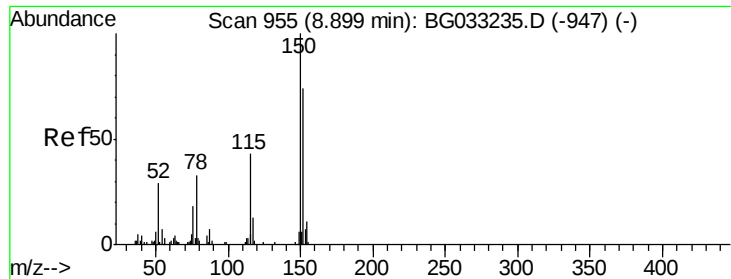
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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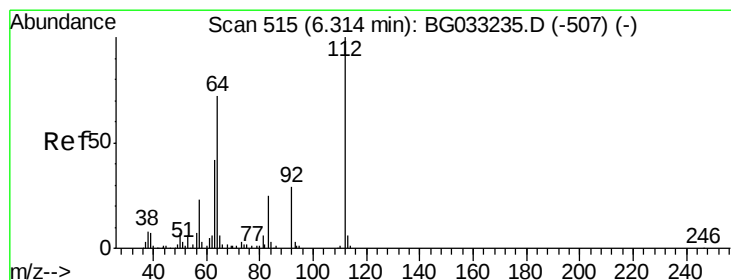
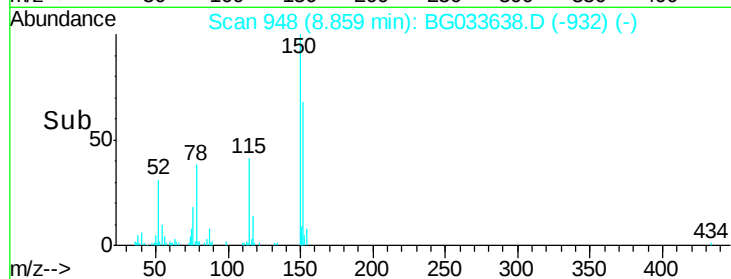
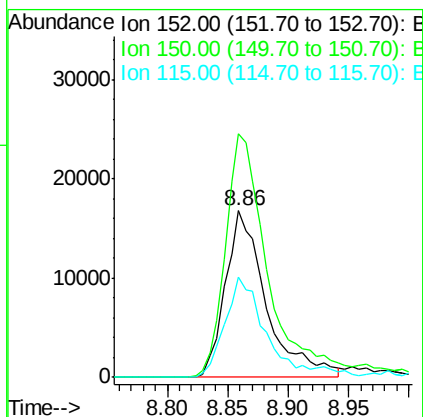
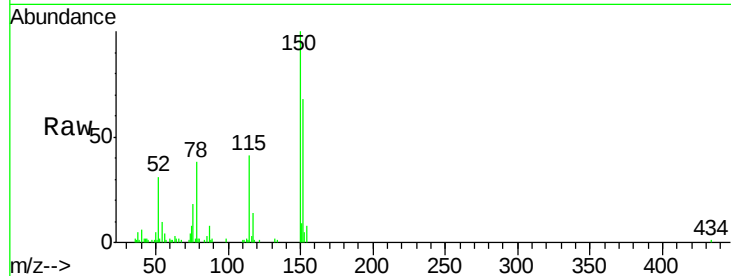


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG033638.D
Acq: 6 Apr 2018 21:20

Instrument :
BNA_G
ClientSampleId :
CV-RB47188RT

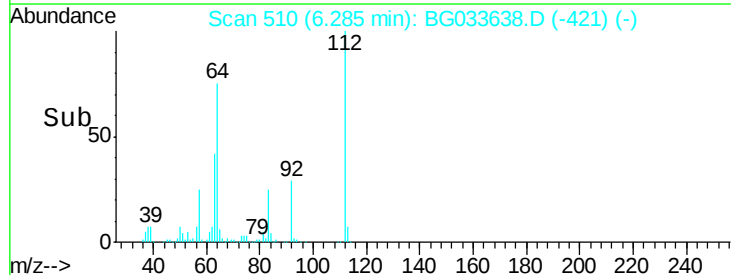
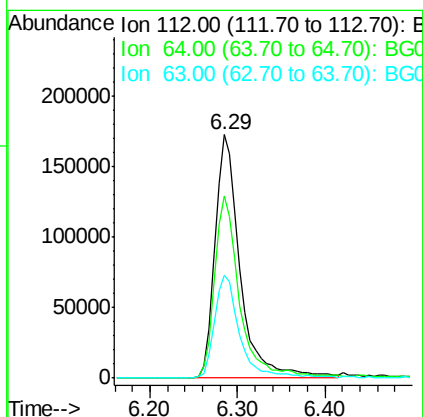
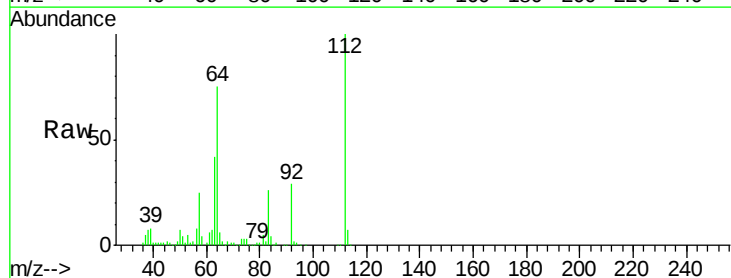
Tot Ion:152 Resp: 39526
Ion Ratio Lower Upper
152 100
150 146.3 126.6 189.8
115 60.2 53.0 79.4

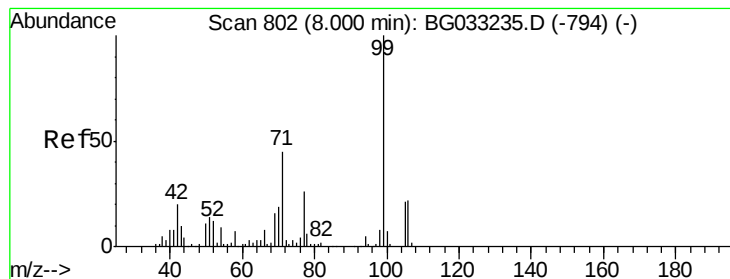


#5

2-Fluorophenol
Concen: 163.310 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033638.D
Acq: 6 Apr 2018 21:20

Tgt Ion:112 Resp: 344244
Ion Ratio Lower Upper
112 100
64 75.0 56.3 84.5
63 42.5 30.1 45.1





#7

Phenol-d6

Concen: 134.444 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033638.D

Acq: 6 Apr 2018 21:20

Instrument :

BNA_G

ClientSampleId :

CV-RB47188RT

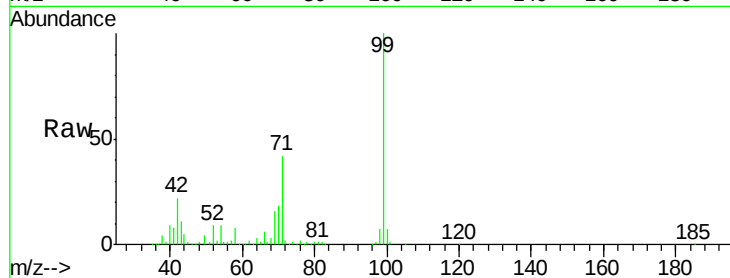
Tot Ion: 99 Resp: 486934

Ion Ratio Lower Upper

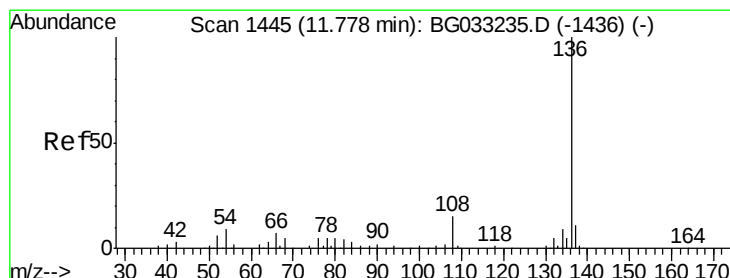
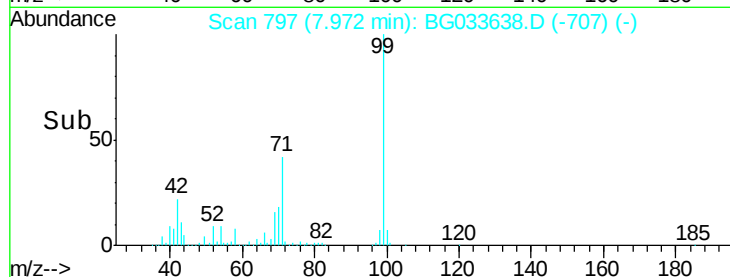
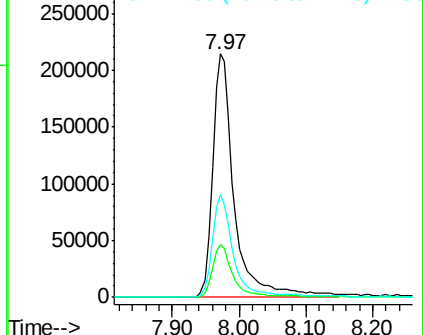
99 100

42 21.9 14.1 21.1#

71 42.5 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: BG033638.D

Acq: 6 Apr 2018 21:20

Tgt Ion: 136 Resp: 180464

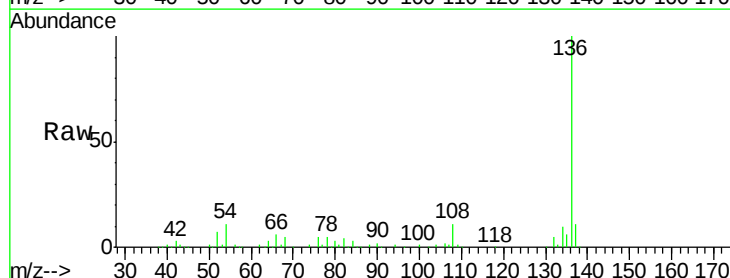
Ion Ratio Lower Upper

136 100

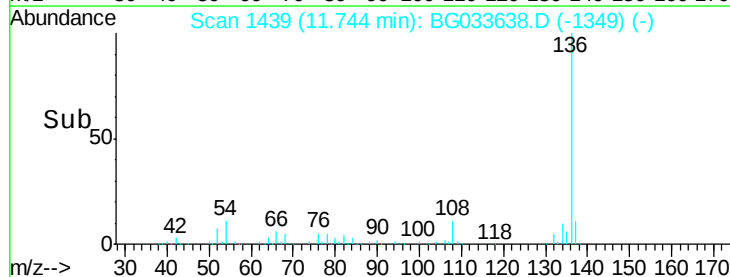
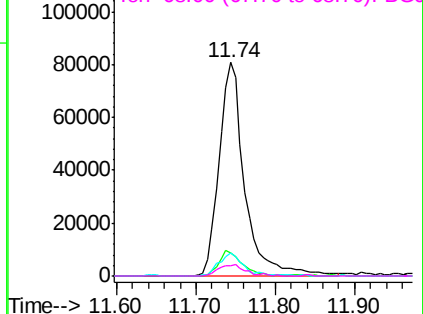
137 10.7 9.2 13.8

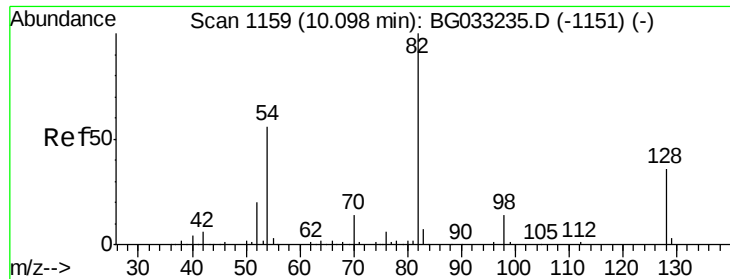
54 11.1 10.3 15.5

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: 101.797 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BG033638.D

Acq: 6 Apr 2018 21:20

Instrument :

BNA_G

ClientSampleId :

CV-RB47188RT

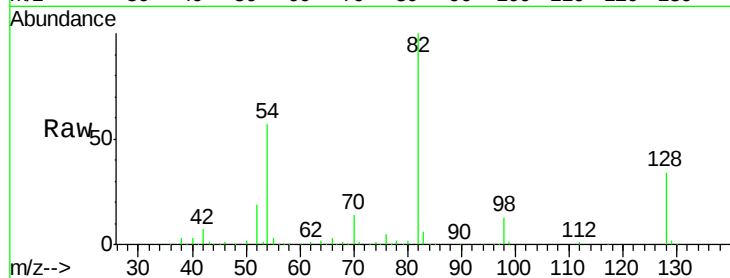
Tot Ion: 82 Resp: 399851

Ion Ratio Lower Upper

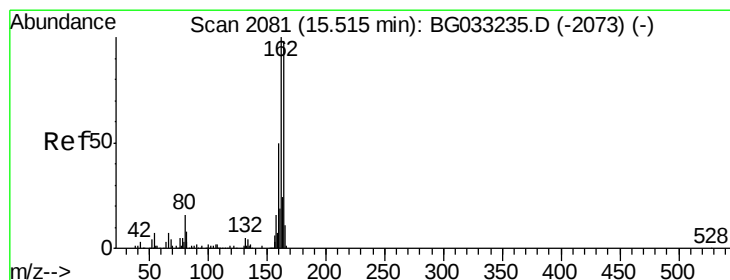
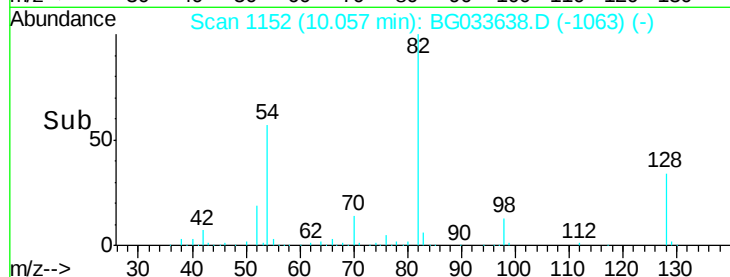
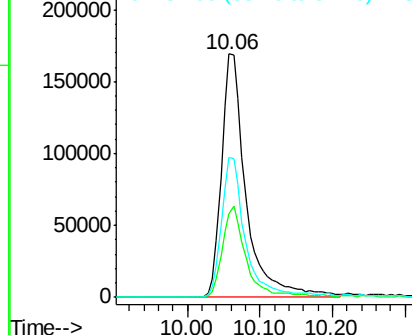
82 100

128 34.3 29.7 44.5

54 57.4 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# 2075

Delta R.T. 0.00 min

Lab File: BG033638.D

Acq: 6 Apr 2018 21:20

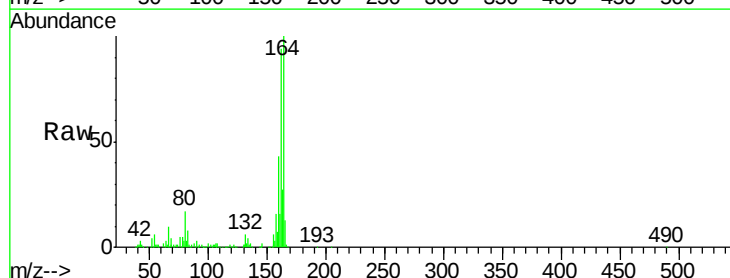
Tgt Ion:164 Resp: 139657

Ion Ratio Lower Upper

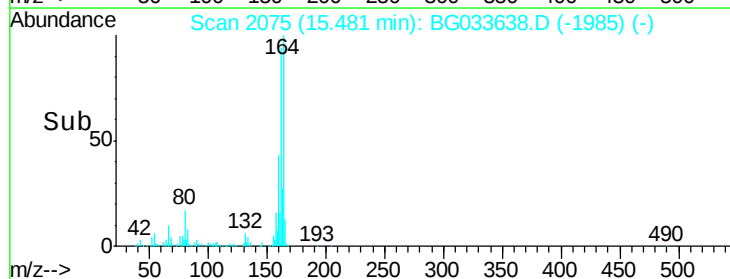
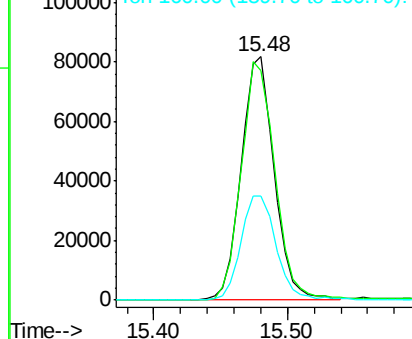
164 100

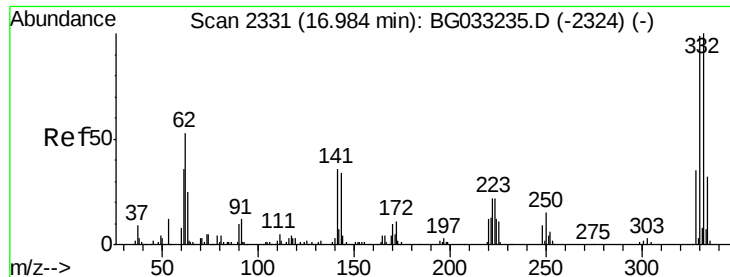
162 94.2 78.8 118.2

160 43.0 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

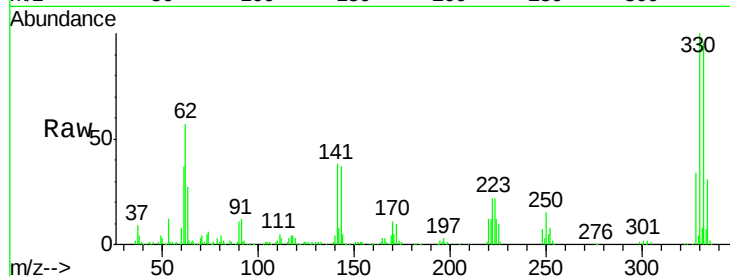




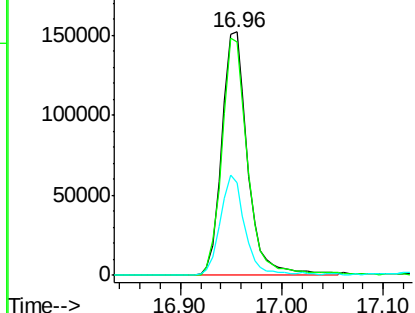
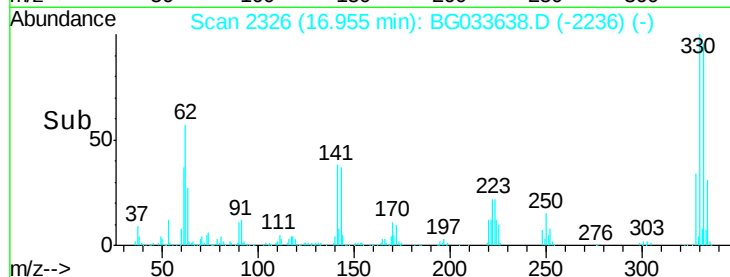
#41
 2,4,6-Tribromophenol
 Concen: 129.115 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG033638.D
 Acq: 6 Apr 2018 21:20

Instrument :
 BNA_G
 ClientSampleId :
 CV-RB47188RT

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	39.4	25.2	37.8#

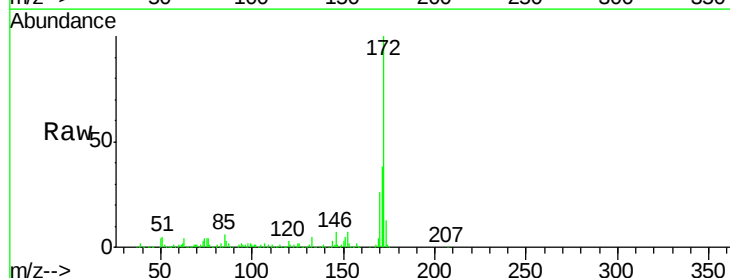


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

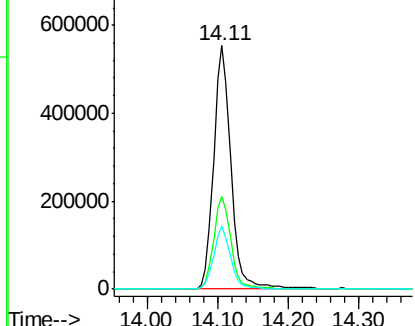
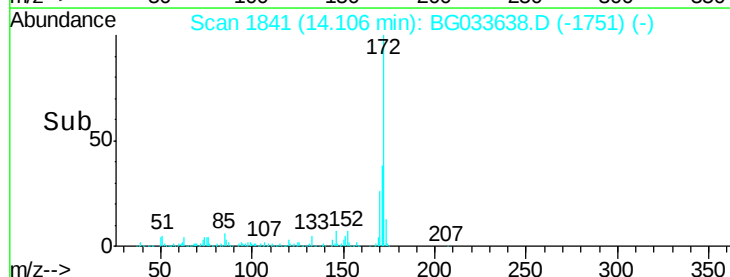


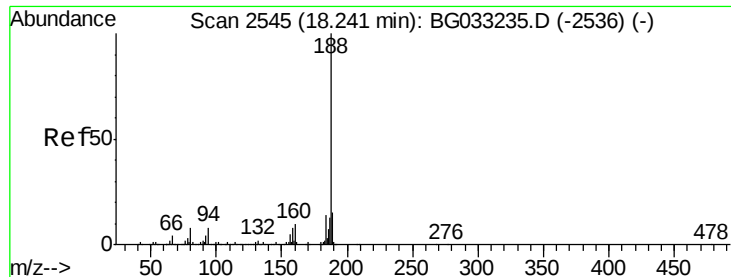
#44
 2-Fluorobiphenyl
 Concen: 98.362 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033638.D
 Acq: 6 Apr 2018 21:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	25.7	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

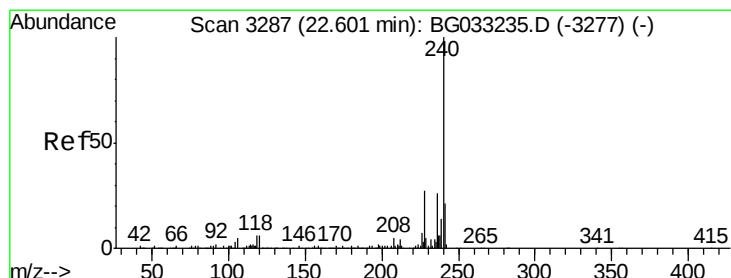
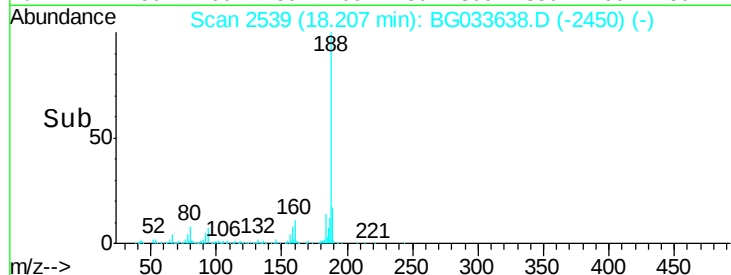
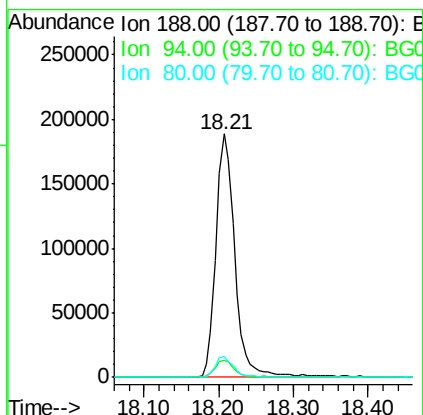
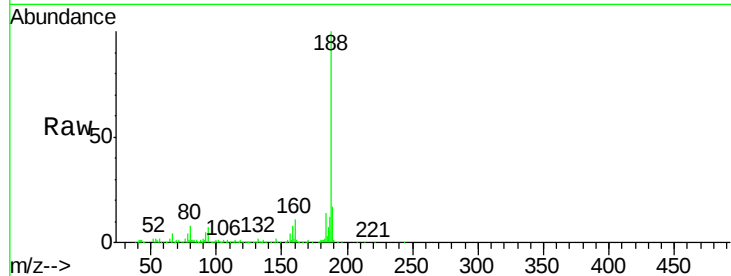




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BG033638.D
Acq: 6 Apr 2018 21:20

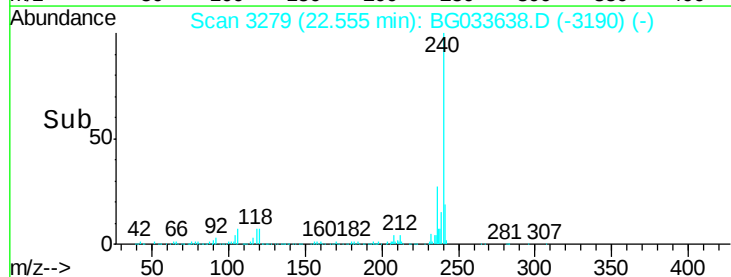
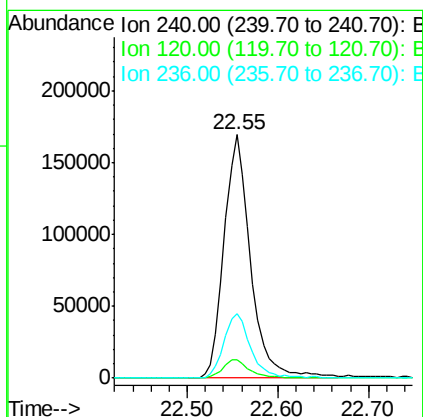
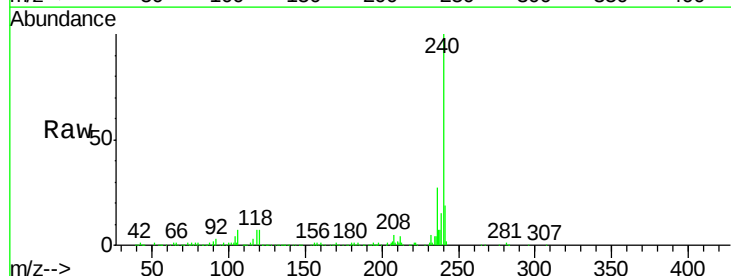
Instrument :
BNA_G
ClientSampleId :
CV-RB47188RT

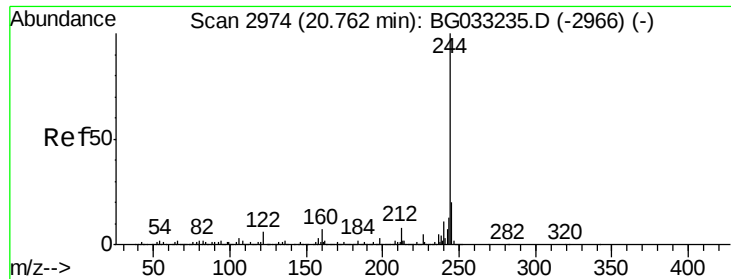
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	8.5	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.00 min
Lab File: BG033638.D
Acq: 6 Apr 2018 21:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.8	10.2
236	26.6	20.9	31.3





#78

Terphenyl-d14

Concen: 100.553 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033638.D

Acq: 6 Apr 2018 21:20

Instrument :

BNA_G

ClientSampleId :

CV-RB47188RT

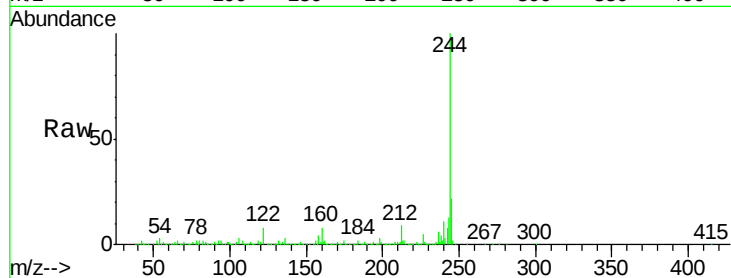
Tot Ion:244 Resp: 1619188

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

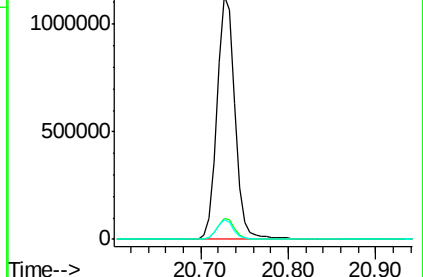
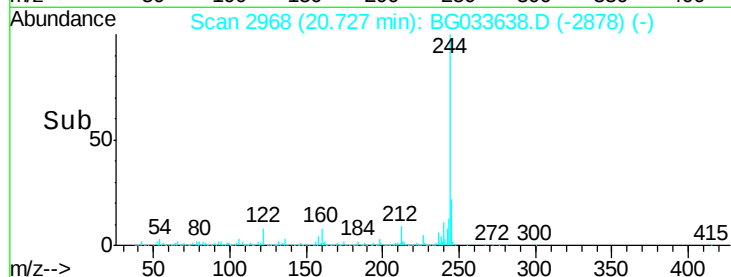
122 8.3 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.32 min Scan# 3920

Delta R.T. 0.00 min

Lab File: BG033638.D

Acq: 6 Apr 2018 21:20

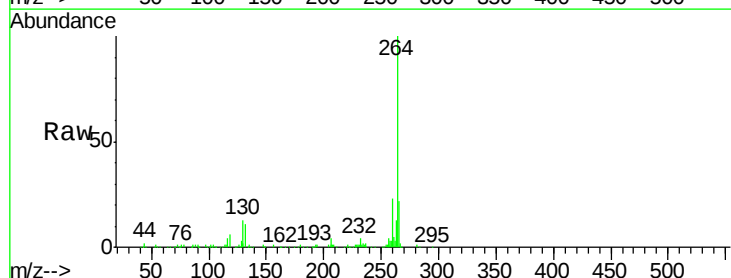
Tgt Ion:264 Resp: 333199

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 22.0 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

