

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033498.D
 Acq On : 2 Apr 2018 21:53
 Operator : SJ/JU
 Sample : J2114-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 032718-TIDO-E-U-B

Quant Time: Apr 03 04:56:10 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

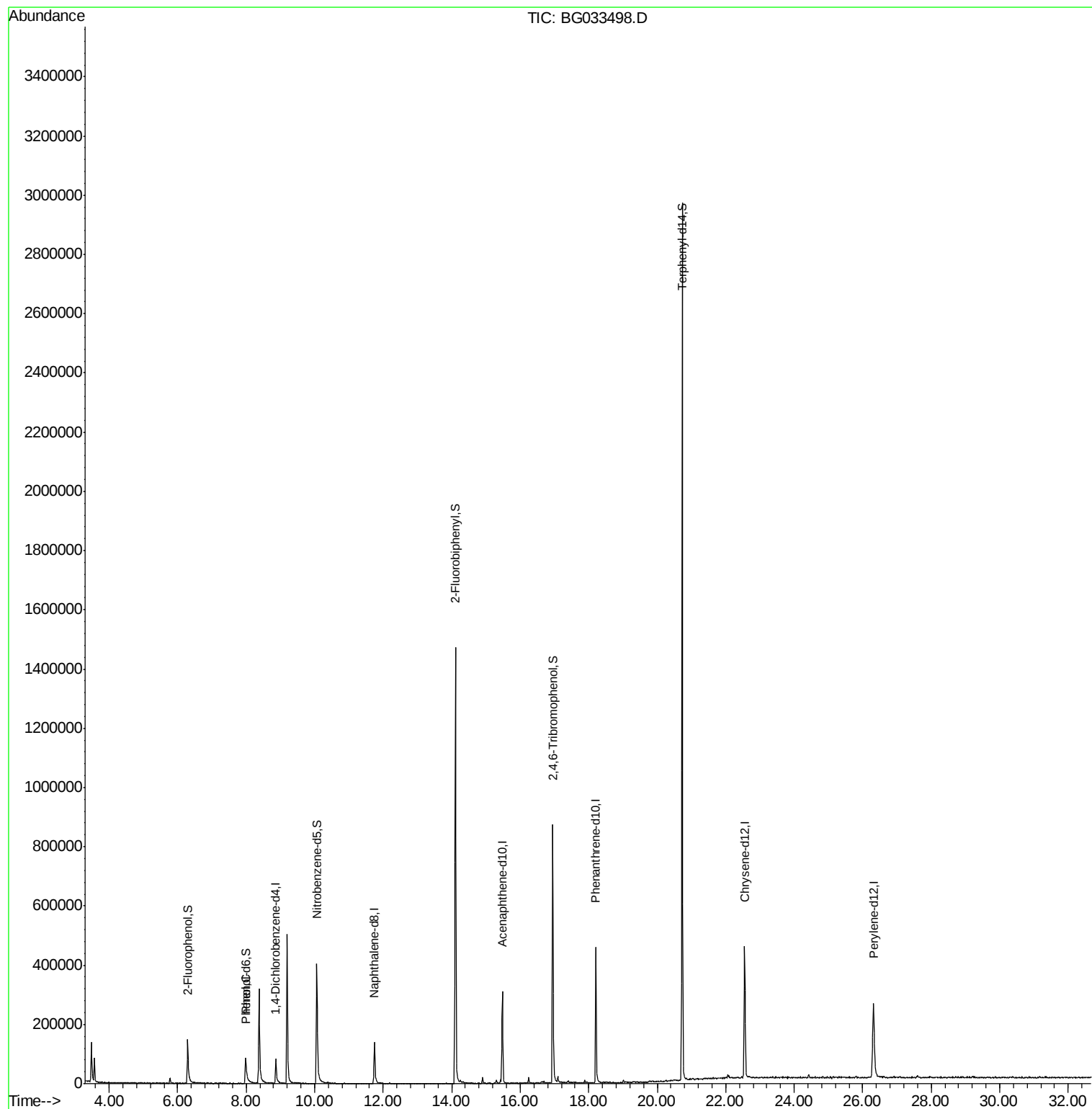
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	32667	20.00	ng	-0.01
21) Naphthalene-d8	11.74	136	146680	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	119950	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	330505	20.00	ng	0.00
75) Chrysene-d12	22.56	240	336183	20.00	ng	0.00
86) Perylene-d12	26.32	264	354055	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	89833	51.57	ng	0.00
7) Phenol-d6	7.98	99	81987	27.39	ng	0.00
23) Nitrobenzene-d5	10.06	82	328068	102.76	ng	-0.01
41) 2,4,6-Tribromophenol	16.95	330	179245	99.91	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	833140	100.27	ng	0.00
78) Terphenyl-d14	20.73	244	1503283	95.63	ng	0.00
Target Compounds						
10) Phenol	8.01	94	8282	2.802	ng	Qvalue 82

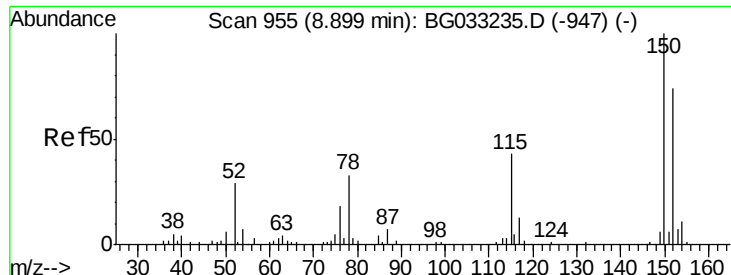
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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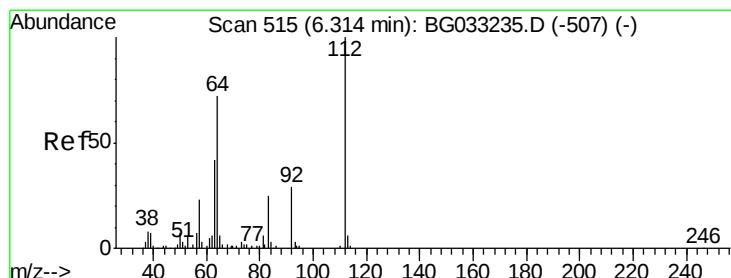
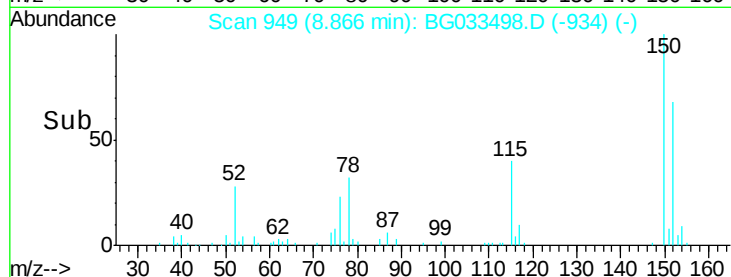
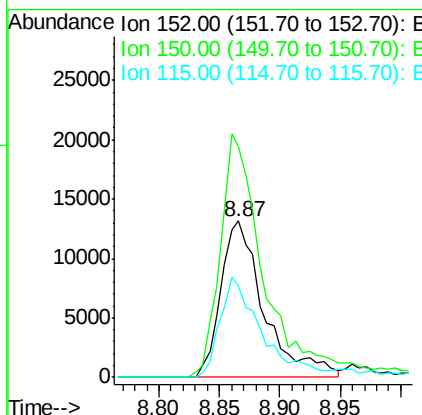
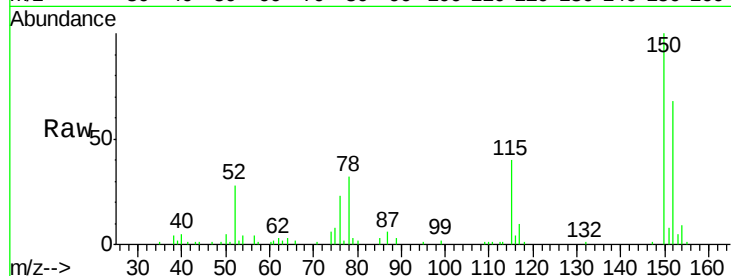


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033498.D
Acq: 2 Apr 2018 21:53

Instrument :
BNA_G
ClientSampleId :
032718-TIDO-E-U-B

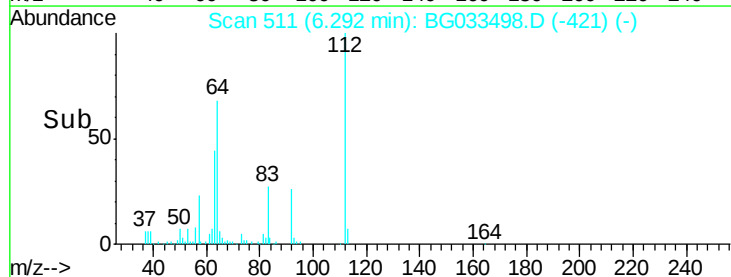
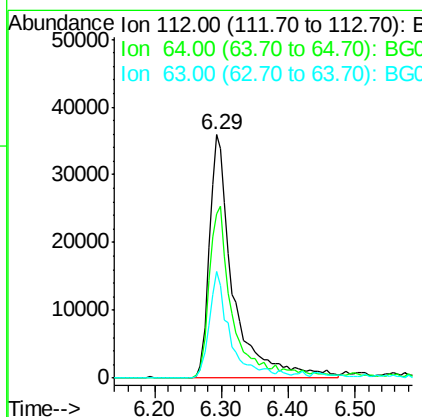
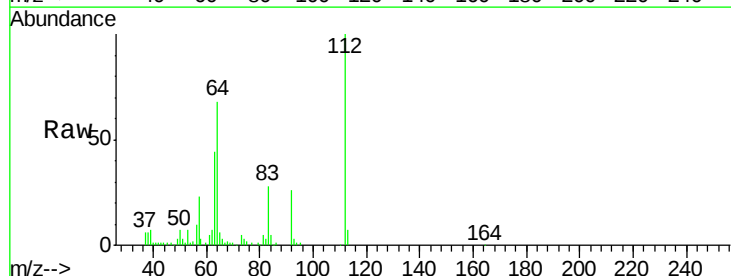
Tot Ion	Ratio	Lower	Upper
152	100		
150	147.7	126.6	189.8
115	58.4	53.0	79.4

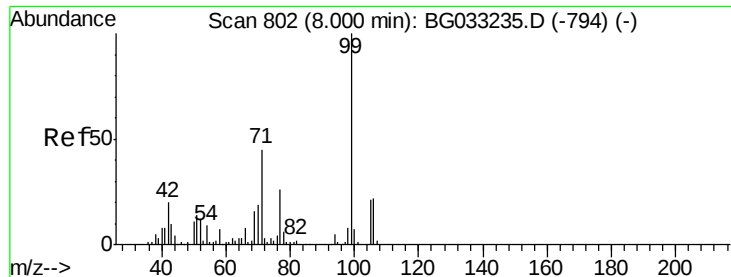


#5

2-Fluorophenol
Concen: 51.565 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033498.D
Acq: 2 Apr 2018 21:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	56.3	84.5
63	43.9	30.1	45.1





#7

Phenol-d6

Concen: 27.390 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033498.D

Acq: 2 Apr 2018 21:53

Instrument :

BNA_G

ClientSampleId :

032718-TIDO-E-U-B

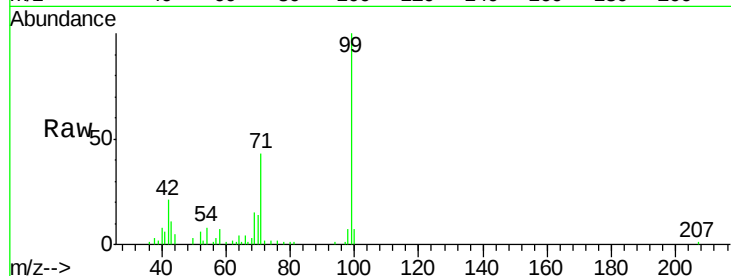
Tot Ion: 99 Resp: 81987

Ion Ratio Lower Upper

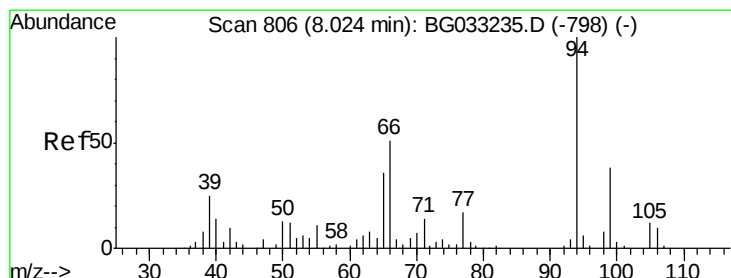
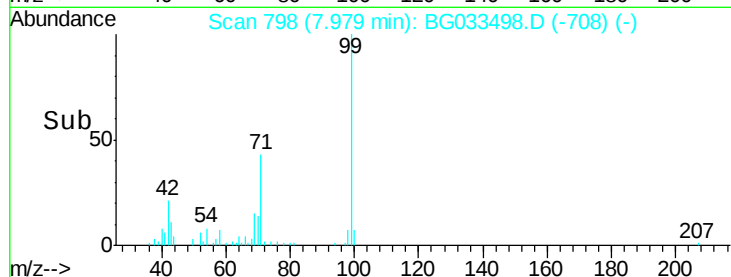
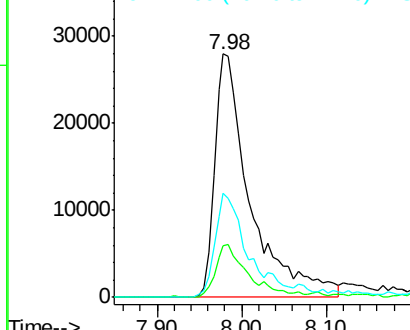
99 100

42 21.4 14.1 21.1#

71 42.8 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



#10

Phenol

Concen: 2.802 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033498.D

Acq: 2 Apr 2018 21:53

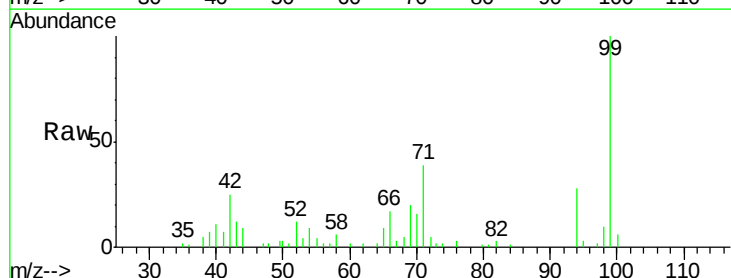
Tgt Ion: 94 Resp: 8282

Ion Ratio Lower Upper

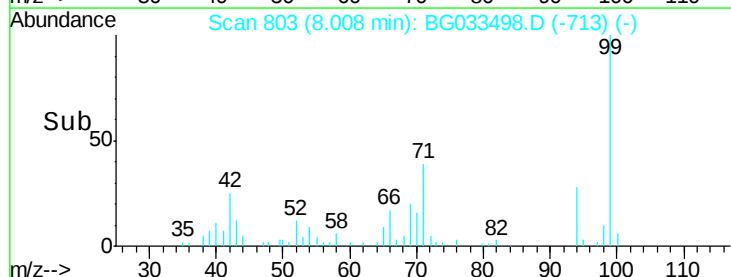
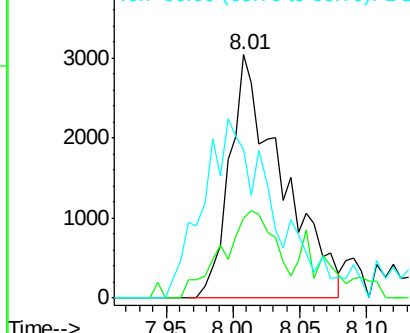
94 100

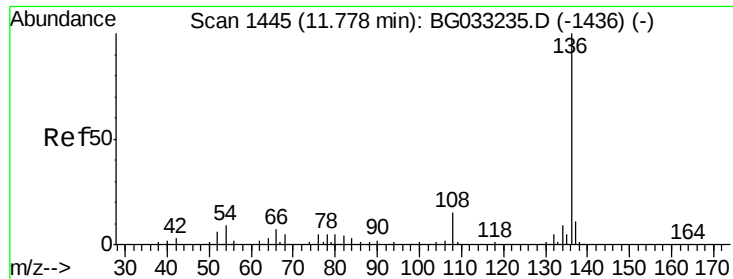
65 32.9 11.9 51.9

66 61.4 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.74 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BG033498.D

Acq: 2 Apr 2018 21:53

Instrument :

BNA_G

ClientSampleId :

032718-TIDO-E-U-B

Tot Ion:136 Resp: 146680

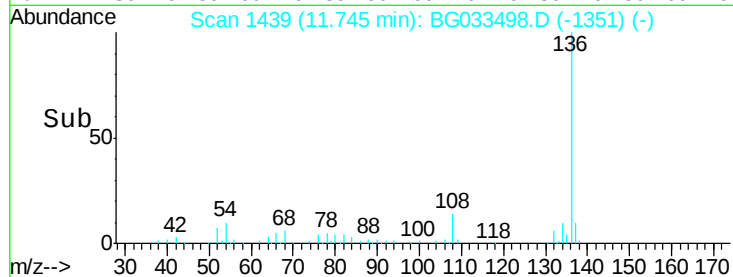
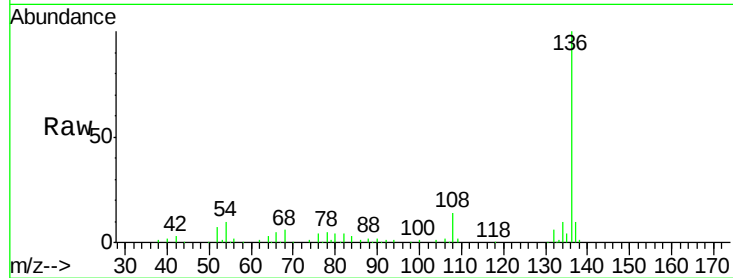
Ion Ratio Lower Upper

136 100

137 10.1 9.2 13.8

54 10.1 10.3 15.5#

68 5.7 4.5 6.7

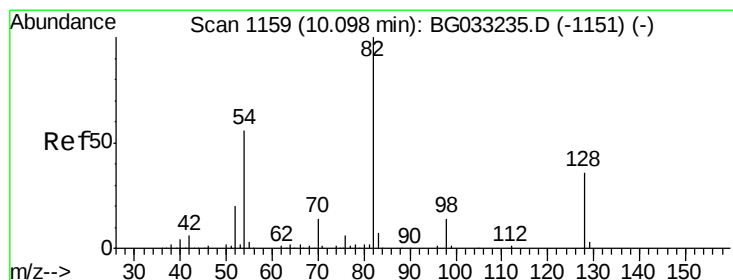
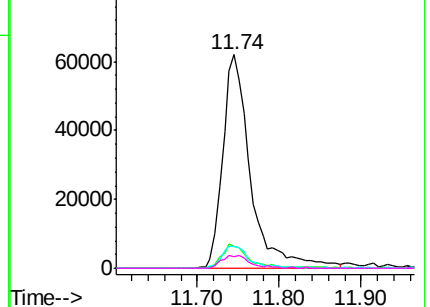


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 102.760 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG033498.D

Acq: 2 Apr 2018 21:53

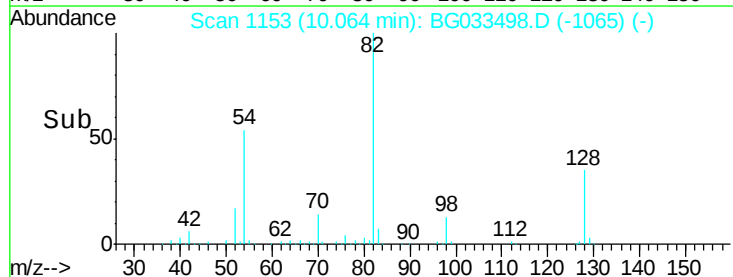
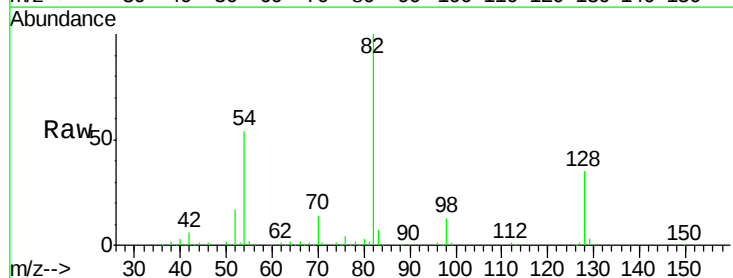
Tgt Ion: 82 Resp: 328068

Ion Ratio Lower Upper

82 100

128 34.6 29.7 44.5

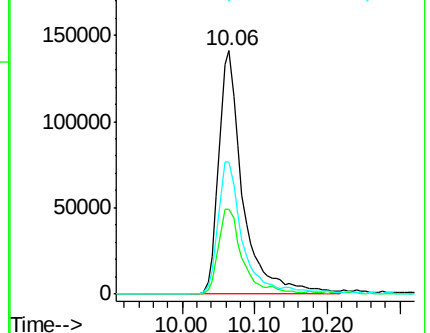
54 54.1 43.1 64.7

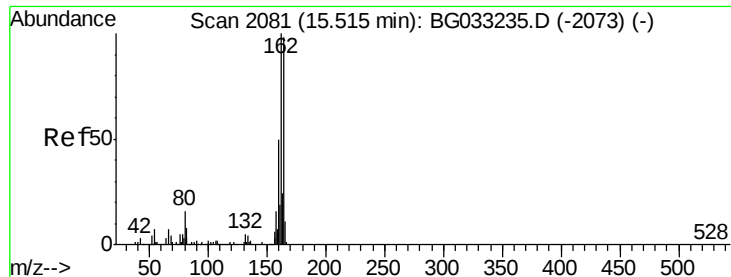


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

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. -0.01 min

Lab File: BG033498.D

Acq: 2 Apr 2018 21:53

Instrument :

BNA_G

ClientSampleId :

032718-TIDO-E-U-B

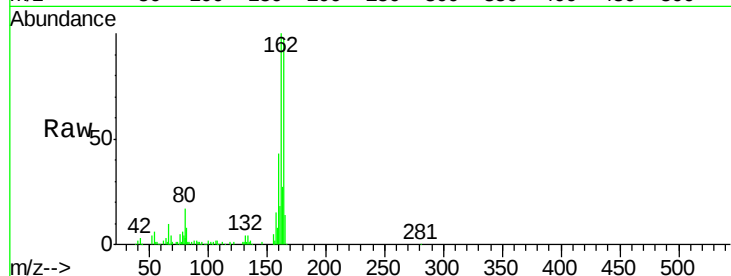
Tot Ion:164 Resp: 119950

Ion Ratio Lower Upper

164 100

162 102.7 78.8 118.2

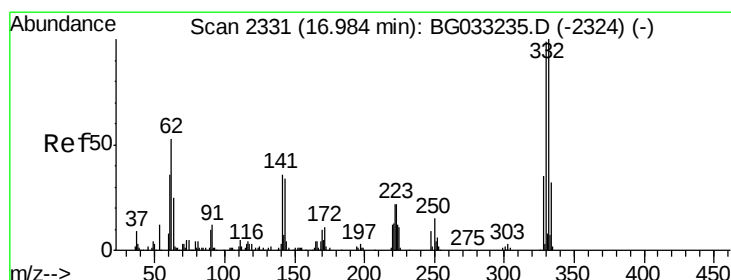
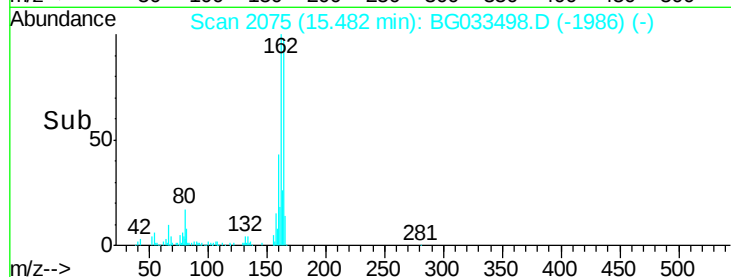
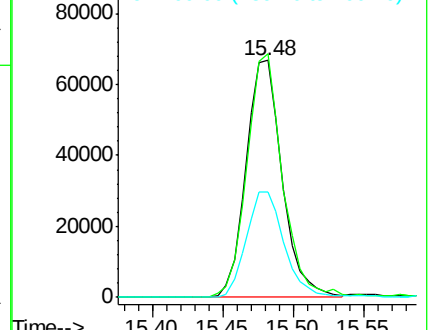
160 44.5 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 99.914 ng

RT: 16.95 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BG033498.D

Acq: 2 Apr 2018 21:53

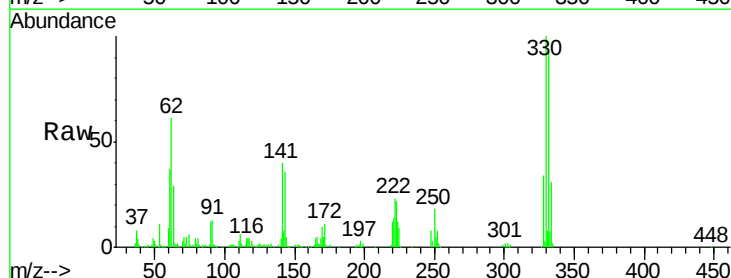
Tgt Ion:330 Resp: 179245

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

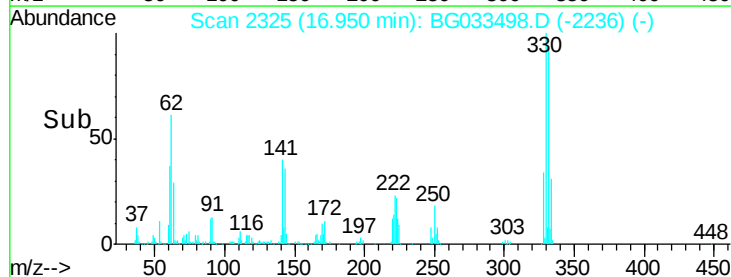
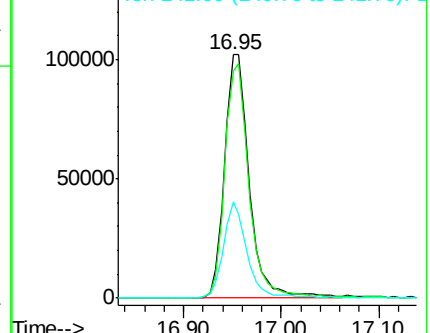
141 37.5 25.2 37.8

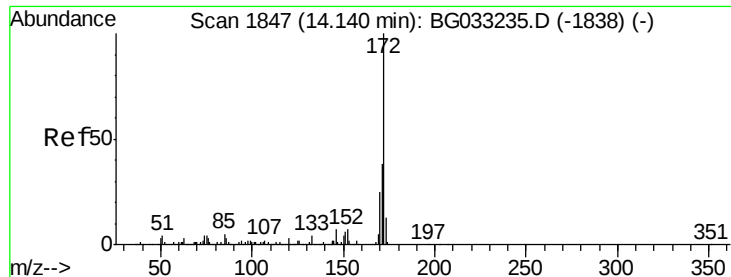


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

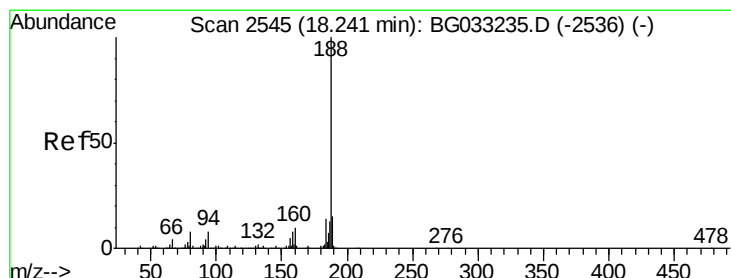
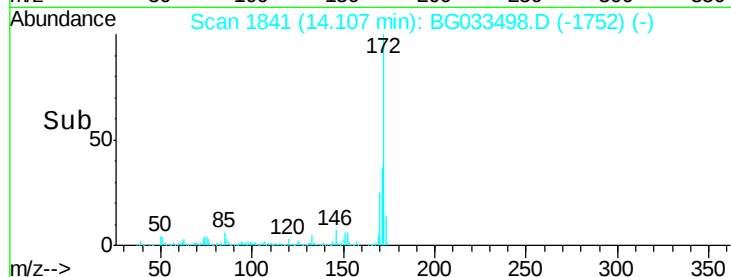
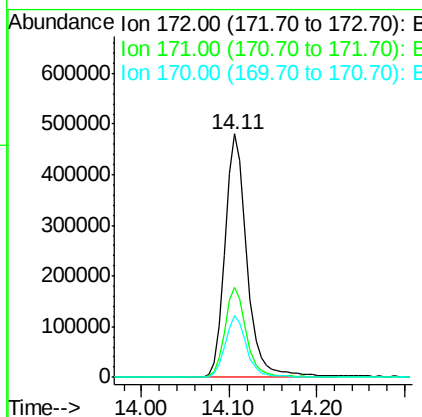
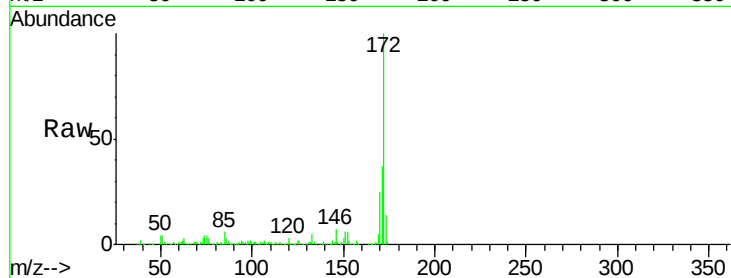




#44
 2-Fluorobiphenyl
 Concen: 100.271 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033498.D
 Acq: 2 Apr 2018 21:53

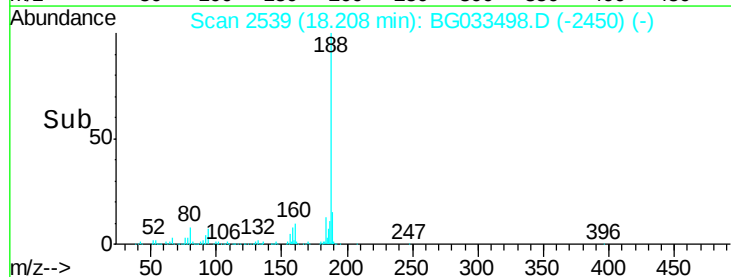
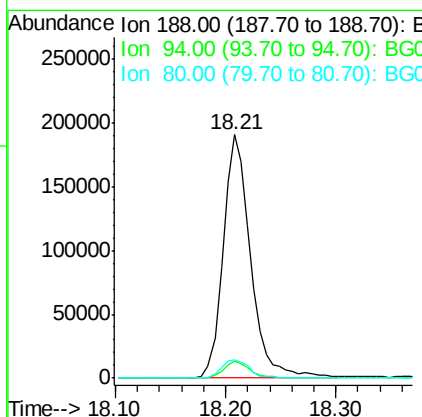
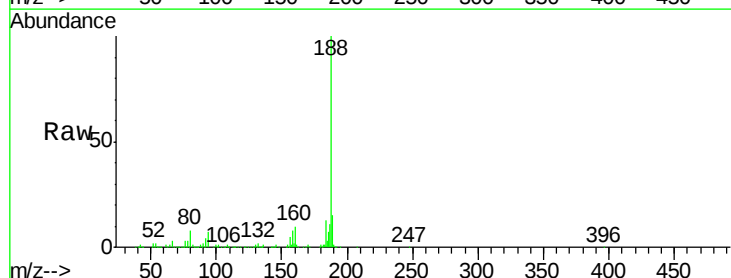
Instrument :
 BNA_G
 ClientSampleId :
 032718-TIDO-E-U-B

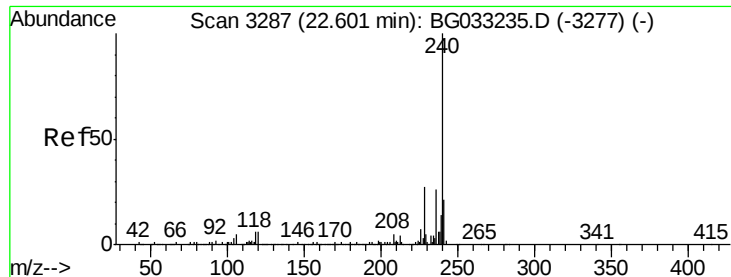
Tot Ion:172 Resp: 833140
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.0 45.0
 170 25.4 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BG033498.D
 Acq: 2 Apr 2018 21:53

Tgt Ion:188 Resp: 330505
 Ion Ratio Lower Upper
 188 100
 94 6.9 6.9 10.3
 80 7.8 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033498.D

Acq: 2 Apr 2018 21:53

Instrument :

BNA_G

ClientSampleId :

032718-TIDO-E-U-B

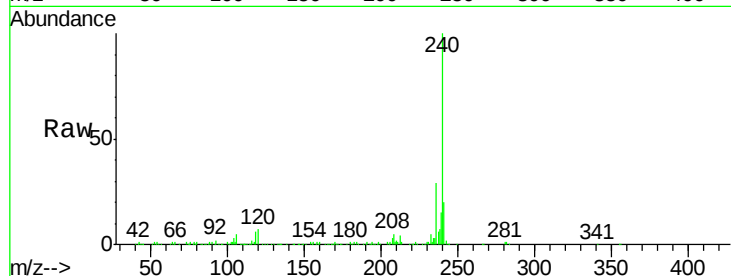
Tot Ion:240 Resp: 336183

Ion Ratio Lower Upper

240 100

120 7.0 6.8 10.2

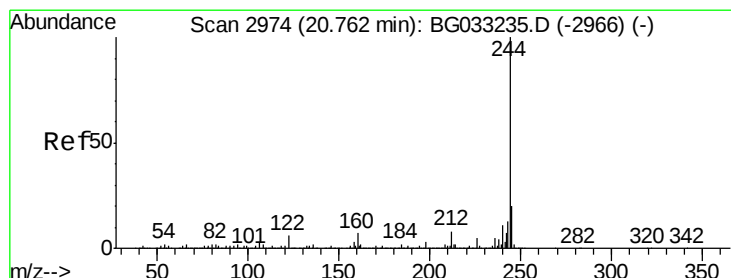
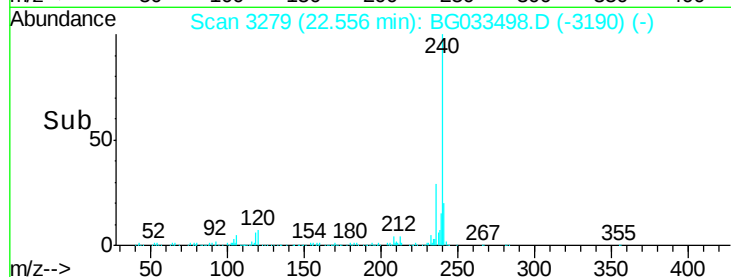
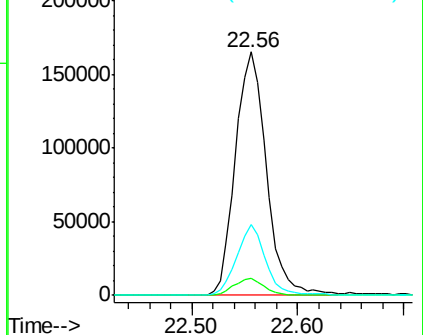
236 29.0 20.9 31.3



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: 95.630 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG033498.D

Acq: 2 Apr 2018 21:53

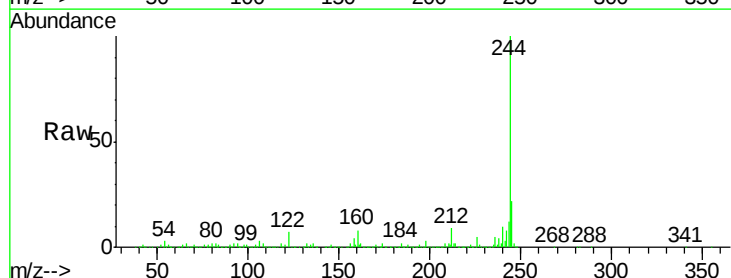
Tgt Ion:244 Resp: 1503283

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

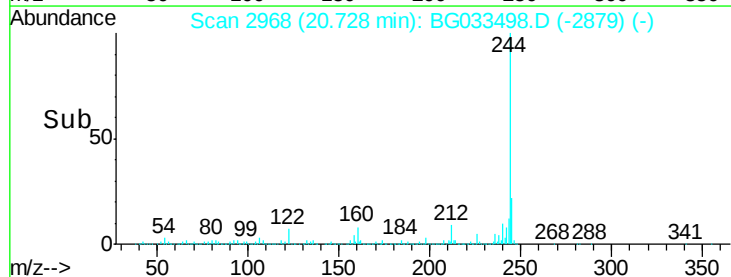
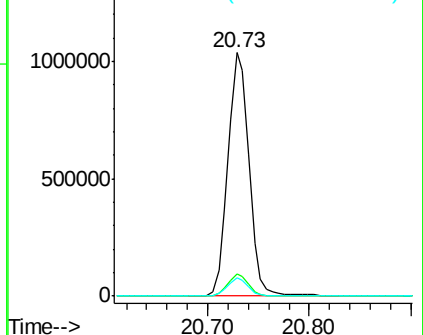
122 7.4 7.0 10.4

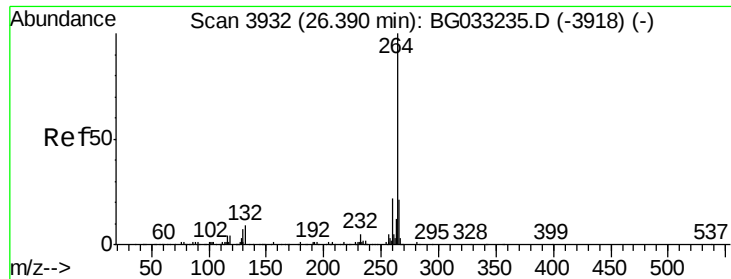


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

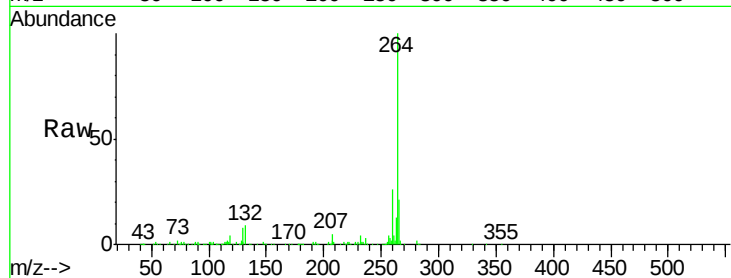




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3919
Delta R.T. -0.02 min
Lab File: BG033498.D
Acq: 2 Apr 2018 21:53

Instrument :
BNA_G
ClientSampleId :
032718-TIDO-E-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.8	17.4	26.0
265	21.5	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

