

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
 Data File : BG033321.D
 Acq On : 23 Mar 2018 12:13
 Operator : SJ/JU
 Sample : J1976-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 031618-TIDO-F-U-S

Quant Time: Mar 23 14:37:26 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 17:32:09 2018
 Response via : Initial Calibration

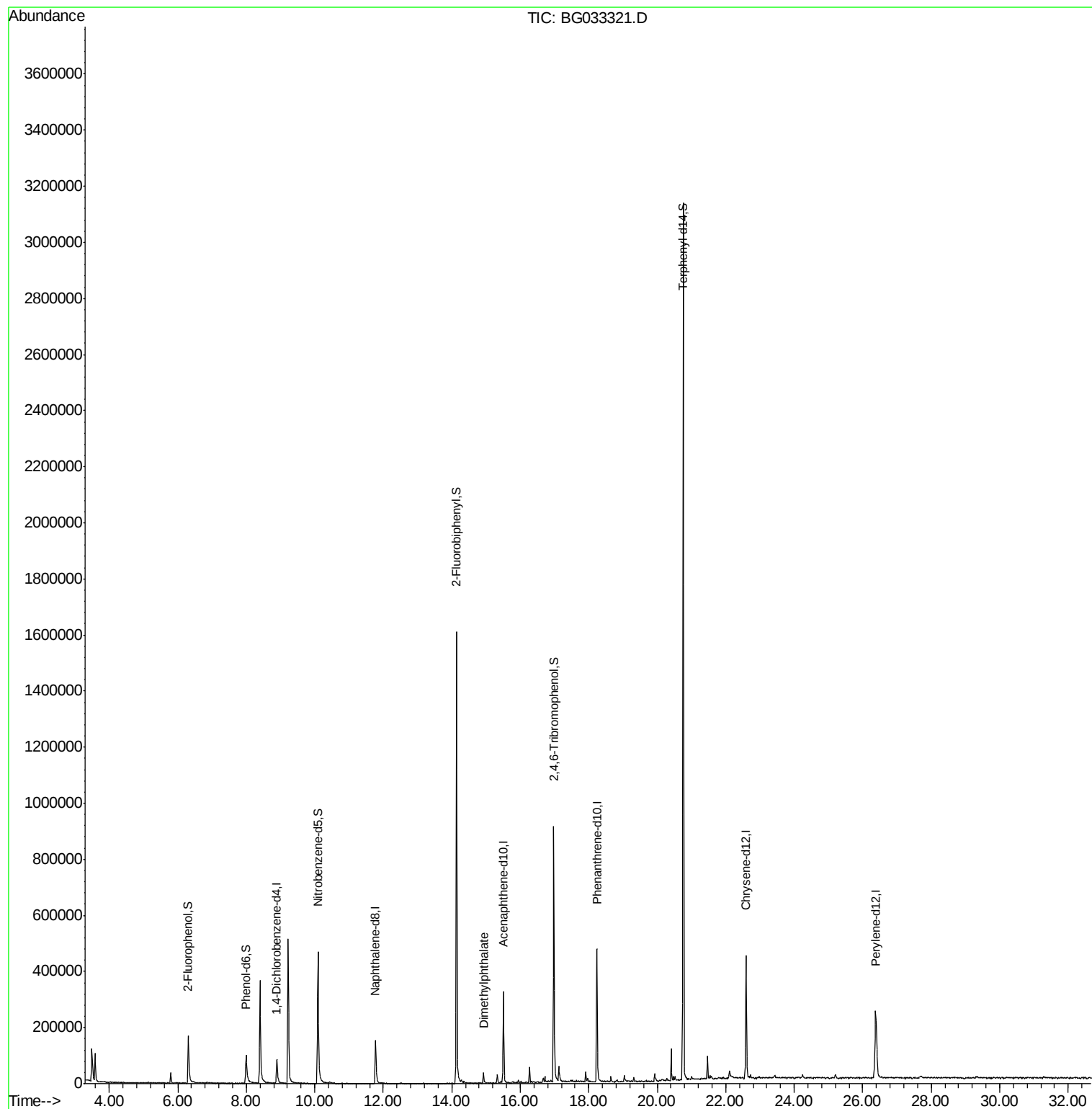
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	34940	20.00	ng	0.00
21) Naphthalene-d8	11.77	136	153529	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	128496	20.00	ng	0.00
63) Phenanthrene-d10	18.23	188	337541	20.00	ng	0.00
75) Chrysene-d12	22.59	240	335007	20.00	ng	0.00
86) Perylene-d12	26.38	264	346019	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	92873	49.84	ng	0.00
7) Phenol-d6	7.99	99	93938	29.34	ng	0.00
23) Nitrobenzene-d5	10.09	82	363769	108.86	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	194518	101.22	ng	0.00
44) 2-Fluorobiphenyl	14.13	172	932502	104.77	ng	0.00
78) Terphenyl-d14	20.76	244	1577684	100.72	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.93	163	25246	2.258	ng	96

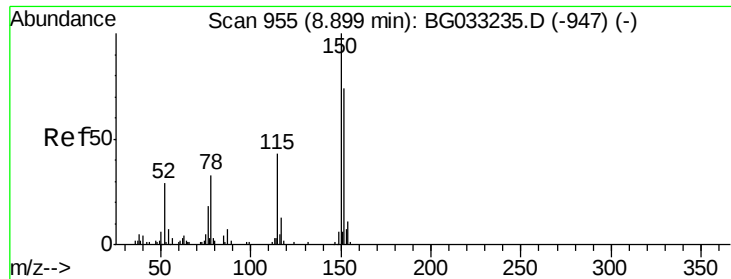
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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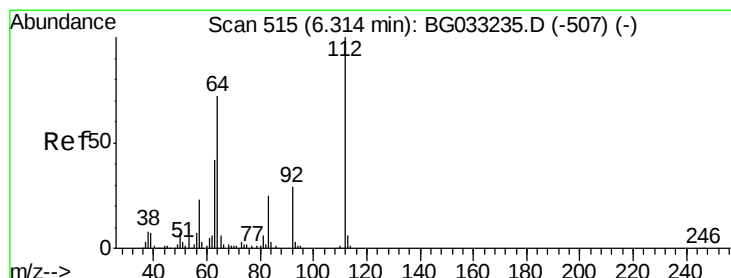
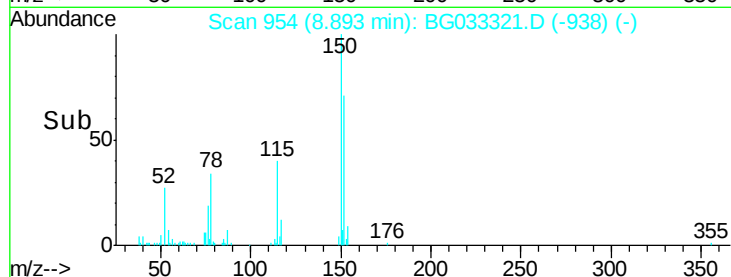
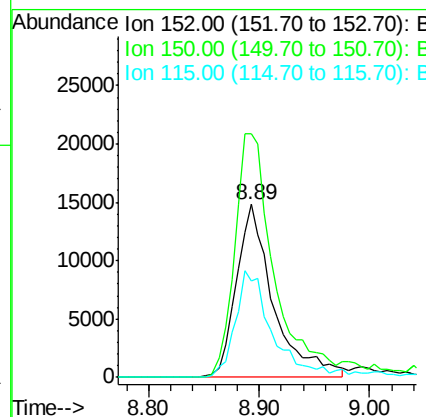
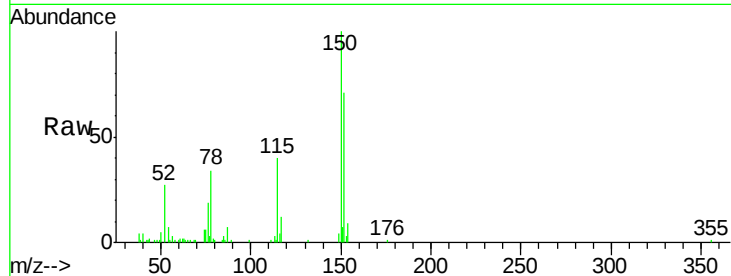


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033321.D
Acq: 23 Mar 2018 12:13

Instrument :
BNA_G
ClientSampleId :
031618-TIDO-F-U-S

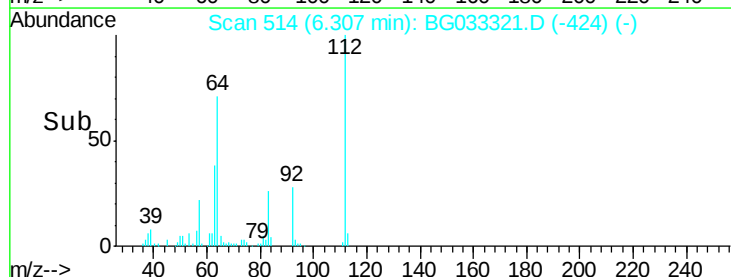
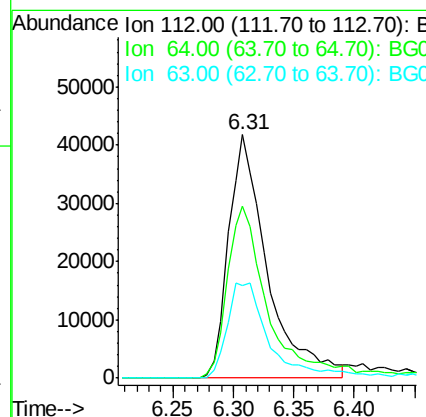
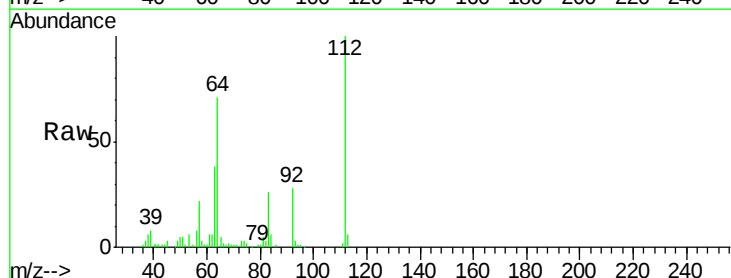
Tot Ion	Ratio	Lower	Upper
152	100		
150	140.8	126.6	189.8
115	56.1	53.0	79.4

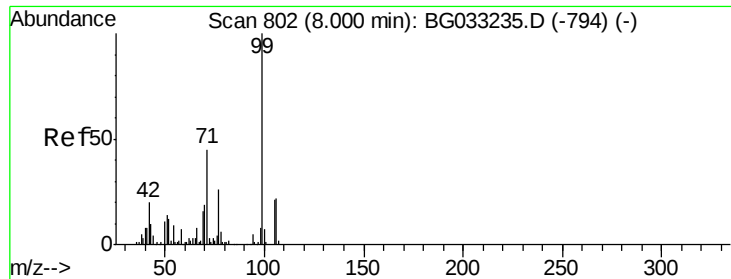


#5

2-Fluorophenol
Concen: 49.842 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.00 min
Lab File: BG033321.D
Acq: 23 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.6	56.3	84.5
63	38.1	30.1	45.1





#7

Phenol-d6

Concen: 29.341 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033321.D

Acq: 23 Mar 2018 12:13

Instrument :

BNA_G

ClientSampleId :

031618-TIDO-F-U-S

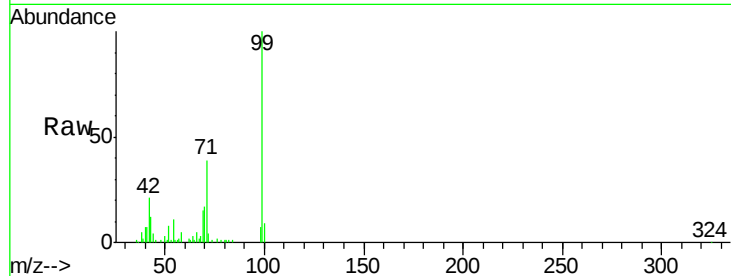
Tot Ion: 99 Resp: 93938

Ion Ratio Lower Upper

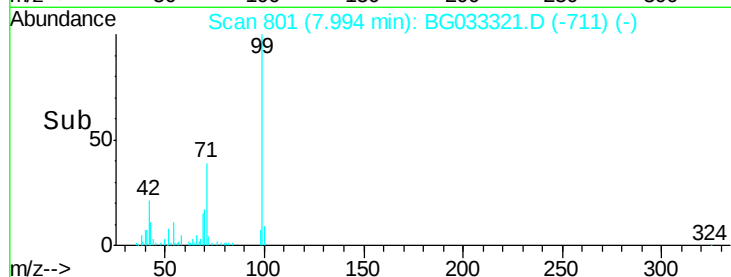
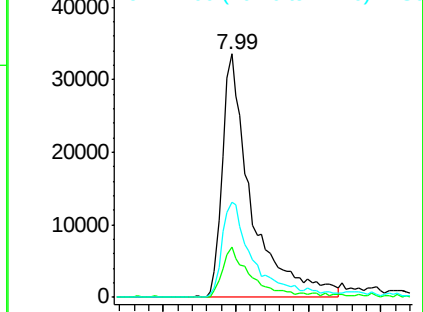
99 100

42 20.6 14.1 21.1

71 39.2 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: 11.77 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BG033321.D

Acq: 23 Mar 2018 12:13

Tgt Ion: 136 Resp: 153529

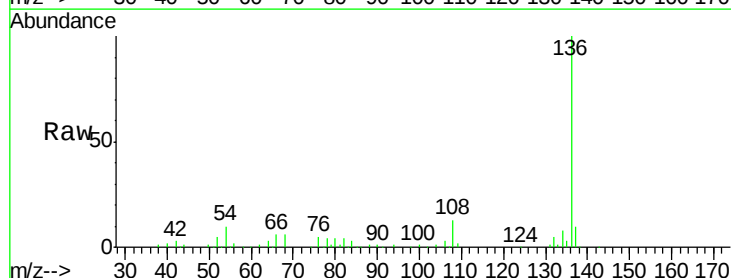
Ion Ratio Lower Upper

136 100

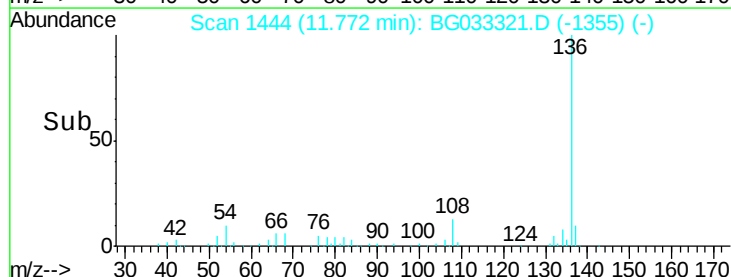
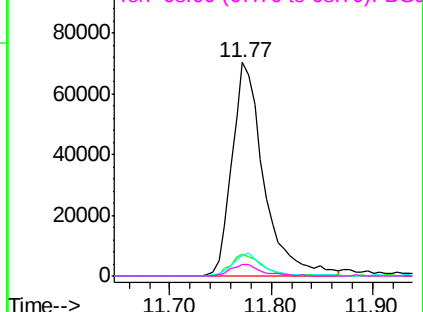
137 10.1 9.2 13.8

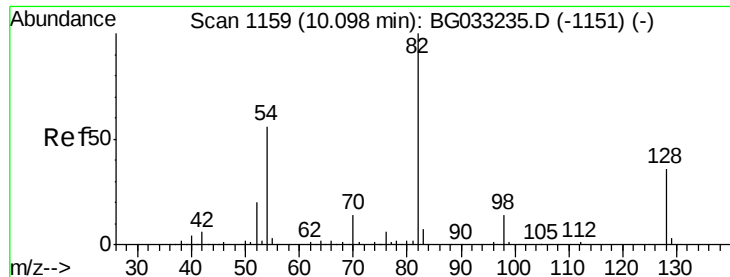
54 9.9 10.3 15.5#

68 5.7 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: 108.859 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BG033321.D

Acq: 23 Mar 2018 12:13

Instrument :

BNA_G

ClientSampleId :

031618-TIDO-F-U-S

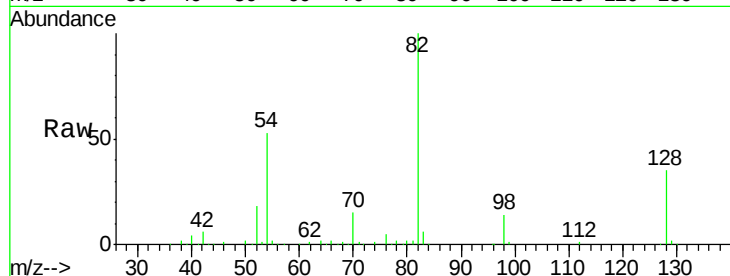
Tot Ion: 82 Resp: 363769

Ion Ratio Lower Upper

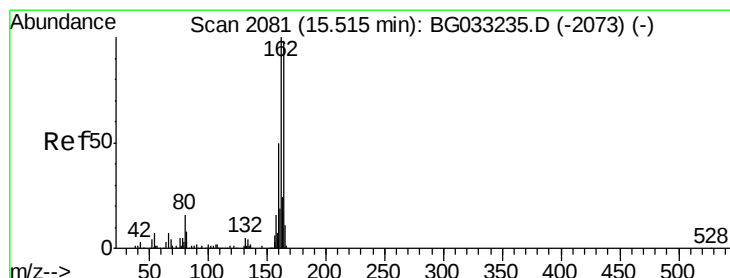
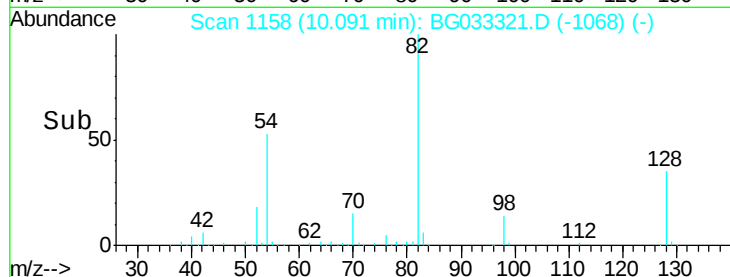
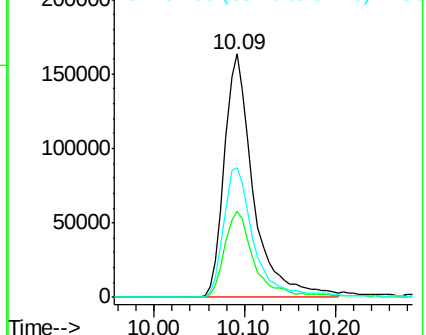
82 100

128 35.2 29.7 44.5

54 53.1 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: 15.51 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BG033321.D

Acq: 23 Mar 2018 12:13

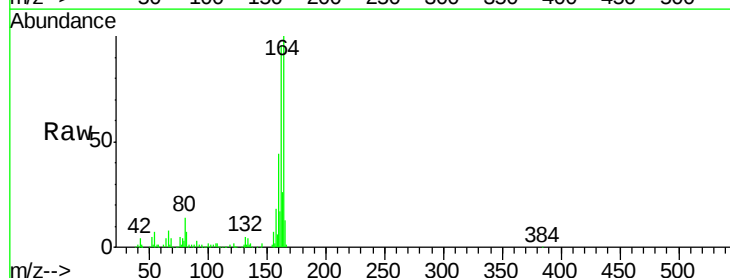
Tgt Ion:164 Resp: 128496

Ion Ratio Lower Upper

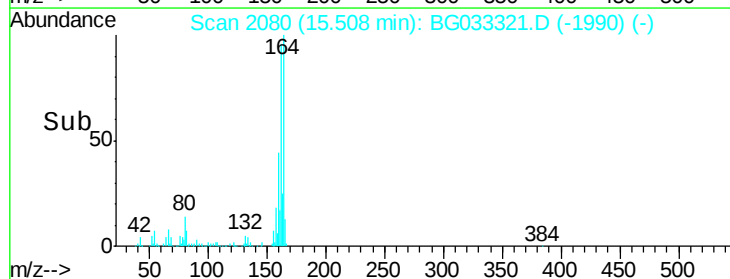
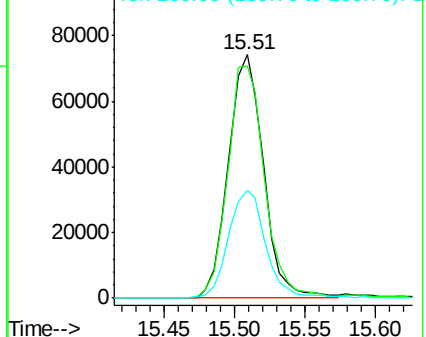
164 100

162 95.5 78.8 118.2

160 44.4 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

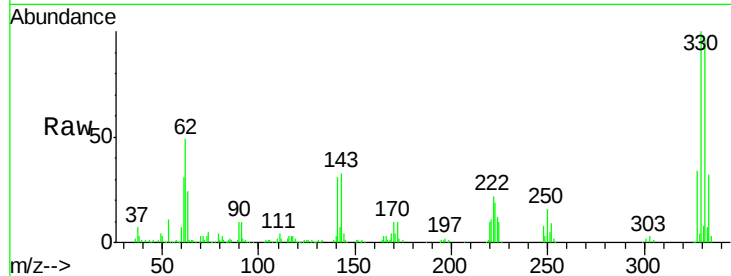




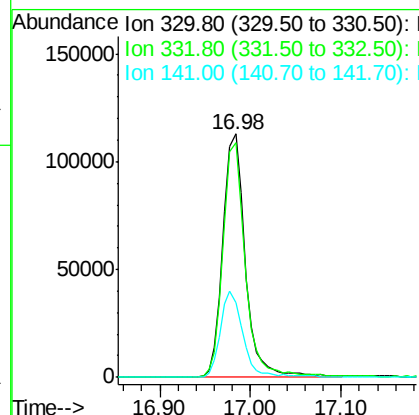
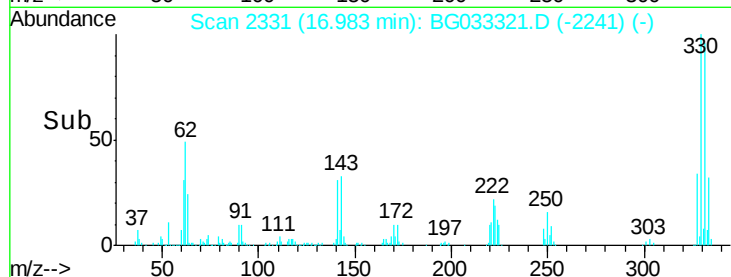
#41
 2,4,6-Tribromophenol
 Concen: 101.216 ng
 RT: 16.98 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: BG033321.D
 Acq: 23 Mar 2018 12:13

Instrument :
 BNA_G
 ClientSampleId :
 031618-TIDO-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	35.9	25.2	37.8

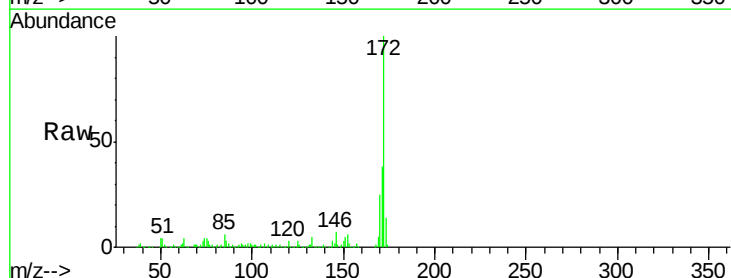


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

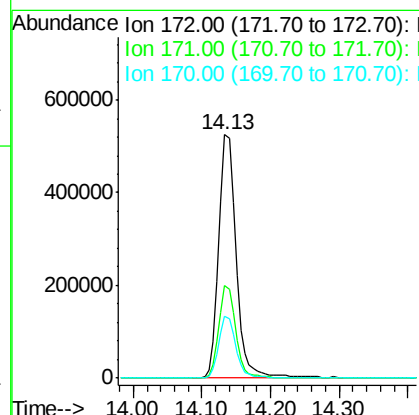
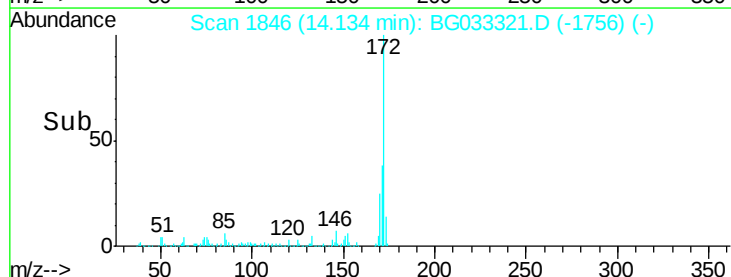


#44
 2-Fluorobiphenyl
 Concen: 104.765 ng
 RT: 14.13 min Scan# 1846
 Delta R.T. -0.00 min
 Lab File: BG033321.D
 Acq: 23 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	25.4	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: 2.258 ng

RT: 14.93 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BG033321.D

Acq: 23 Mar 2018 12:13

Instrument :

BNA_G

ClientSampleId :

031618-TIDO-F-U-S

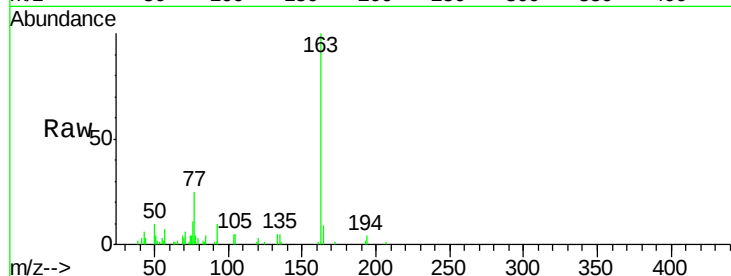
Tot Ion:163 Resp: 25246

Ion Ratio Lower Upper

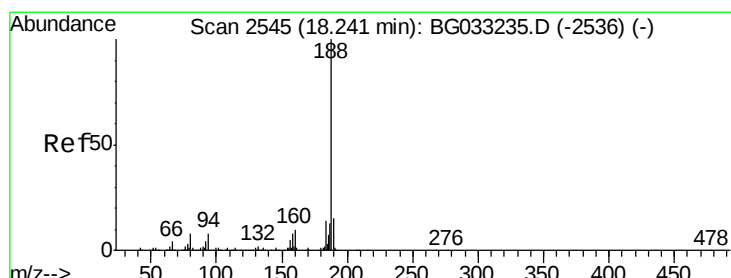
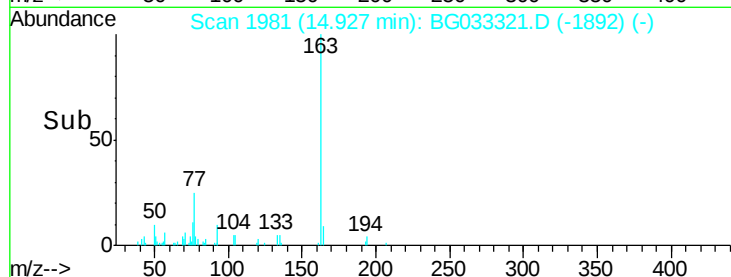
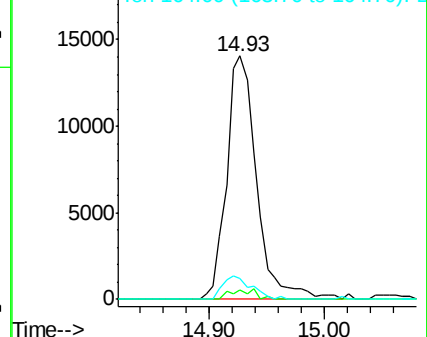
163 100

194 3.9 3.4 5.2

164 8.5 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: 18.23 min Scan# 2544

Delta R.T. -0.00 min

Lab File: BG033321.D

Acq: 23 Mar 2018 12:13

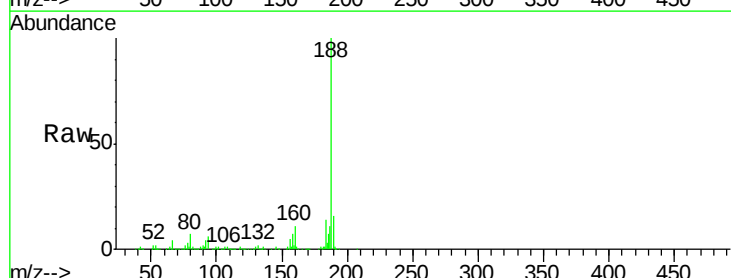
Tgt Ion:188 Resp: 337541

Ion Ratio Lower Upper

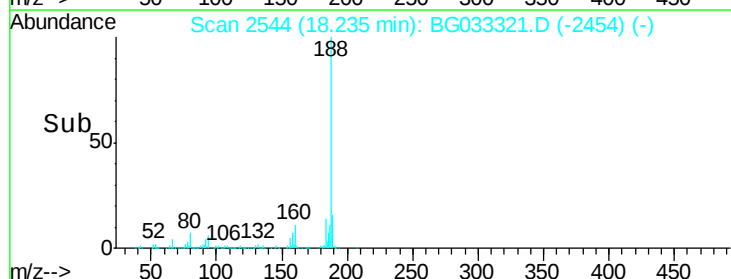
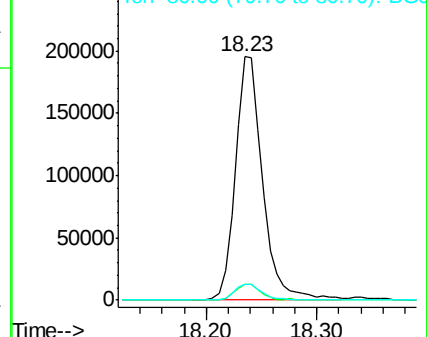
188 100

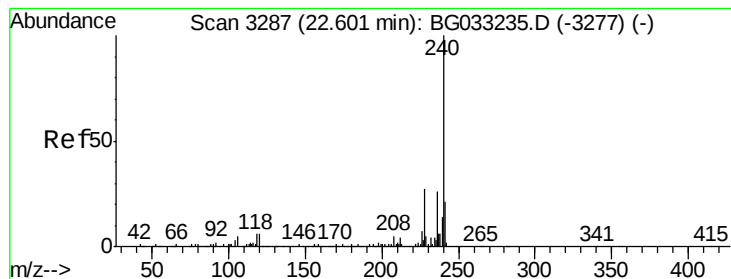
94 6.3 6.9 10.3#

80 6.7 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: 22.59 min Scan# 3286

Delta R.T. -0.00 min

Lab File: BG033321.D

Acq: 23 Mar 2018 12:13

Instrument :

BNA_G

ClientSampleId :

031618-TIDO-F-U-S

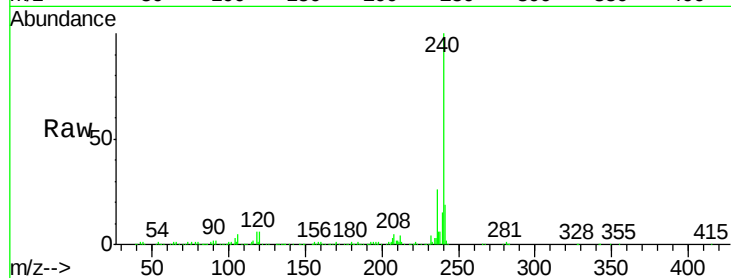
Tot Ion:240 Resp: 335007

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

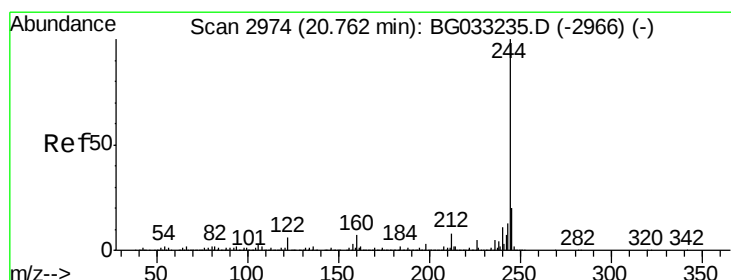
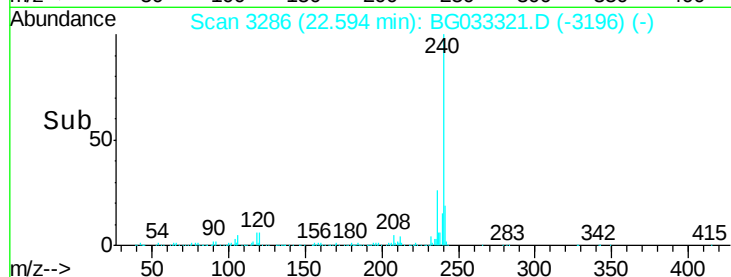
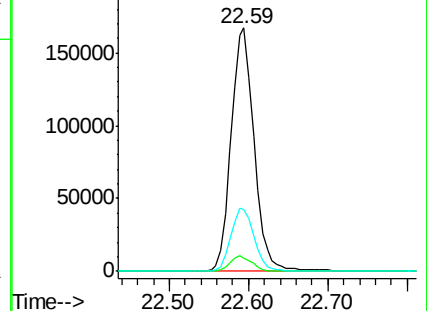
236 25.6 20.9 31.3



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: 100.716 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.00 min

Lab File: BG033321.D

Acq: 23 Mar 2018 12:13

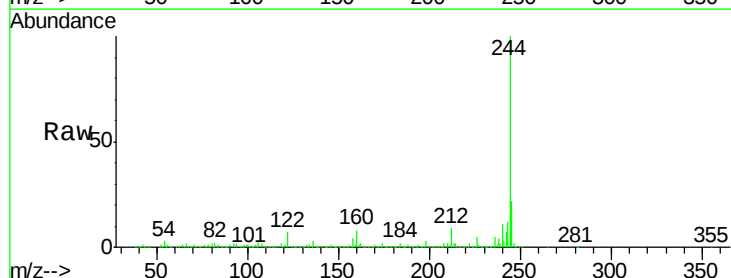
Tgt Ion:244 Resp: 1577684

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

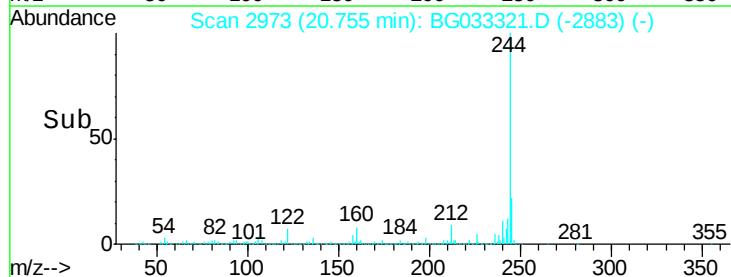
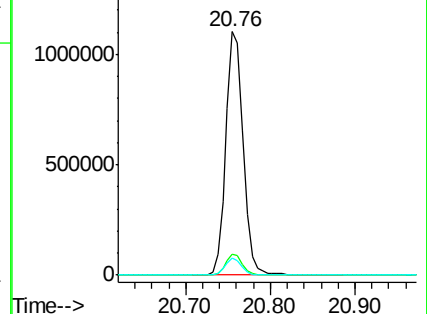
122 7.2 7.0 10.4

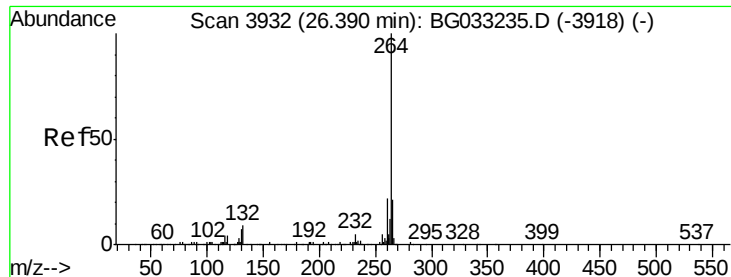


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.38 min Scan# 3930
Delta R.T. -0.01 min
Lab File: BG033321.D
Acq: 23 Mar 2018 12:13

Instrument :
BNA_G
ClientSampleId :
031618-TIDO-F-U-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	20.0	17.7	26.5

