

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
 Data File : BG033371.D
 Acq On : 27 Mar 2018 20:50
 Operator : SJ/JU
 Sample : J2038-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 032218-TIDO-F-U-B

Quant Time: Mar 28 08:32:29 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	39417	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	163051	20.00	ng	-0.03
38) Acenaphthene-d10	15.48	164	128476	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	338610	20.00	ng	-0.03
75) Chrysene-d12	22.56	240	351730	20.00	ng	-0.04
86) Perylene-d12	26.33	264	375976	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	83051	39.51	ng	-0.02
7) Phenol-d6	7.98	99	69957	19.37	ng	-0.02
23) Nitrobenzene-d5	10.06	82	332886	93.80	ng	-0.03
41) 2,4,6-Tribromophenol	16.95	330	186203	96.90	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	860770	96.72	ng	-0.03
78) Terphenyl-d14	20.74	244	1494557	90.87	ng	-0.02

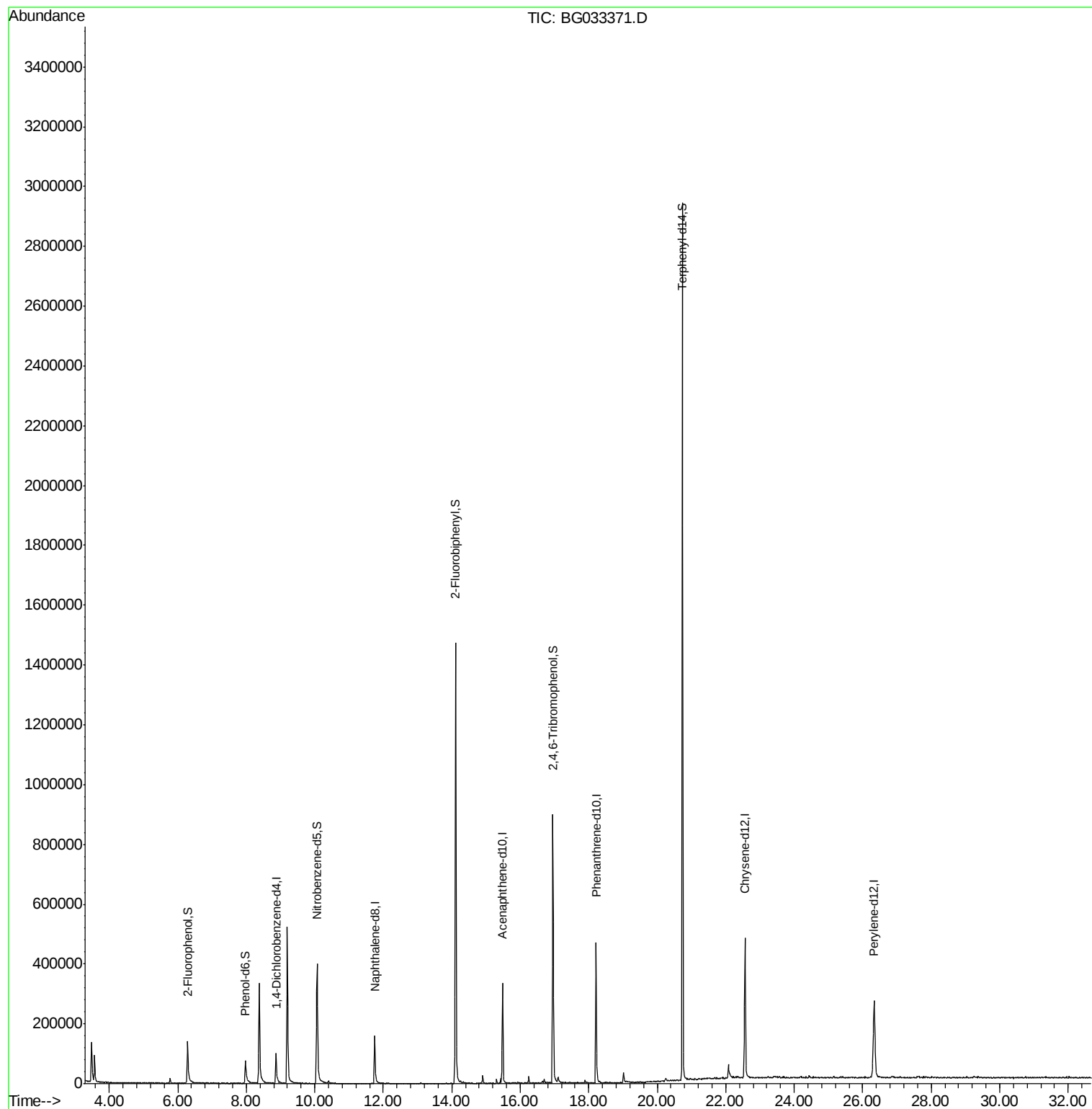
Target Compounds Qvalue

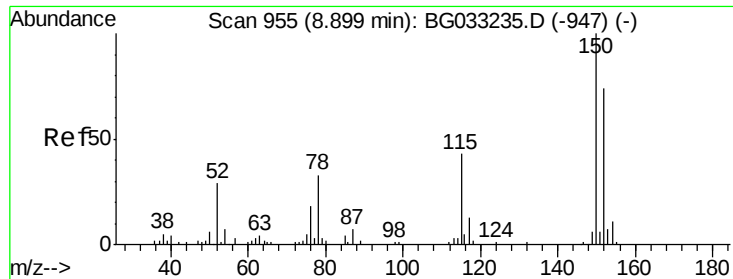
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.87 min Scan# 950

Delta R.T. -0.03 min

Lab File: BG033371.D

Acq: 27 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

032218-TIDO-F-U-B

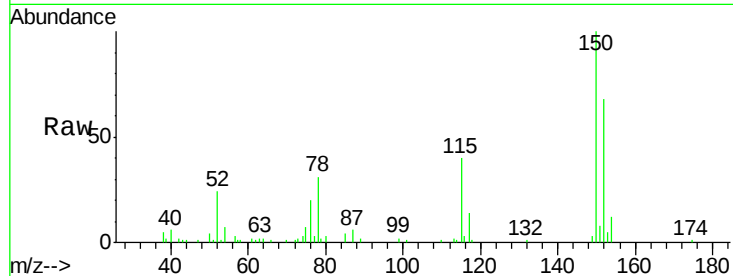
Tot Ion:152 Resp: 39417

Ion Ratio Lower Upper

152 100

150 148.1 126.6 189.8

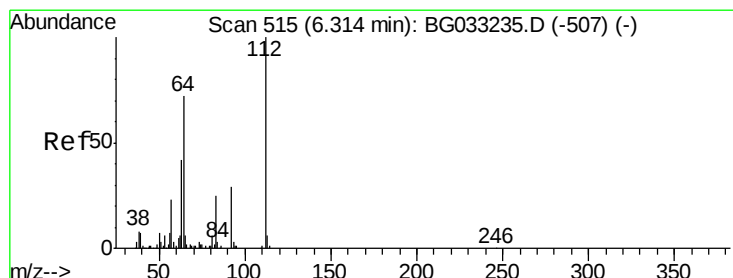
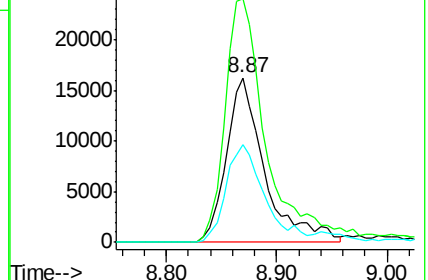
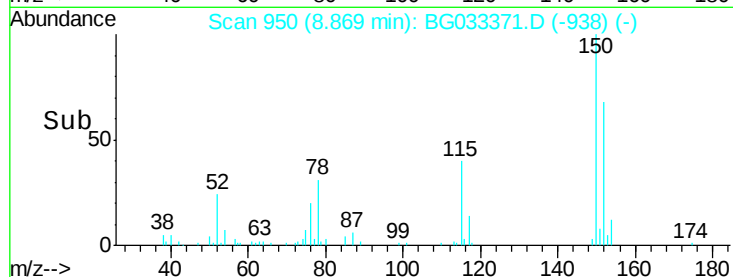
115 59.6 53.0 79.4



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: 39.508 ng

RT: 6.29 min Scan# 511

Delta R.T. -0.02 min

Lab File: BG033371.D

Acq: 27 Mar 2018 20:50

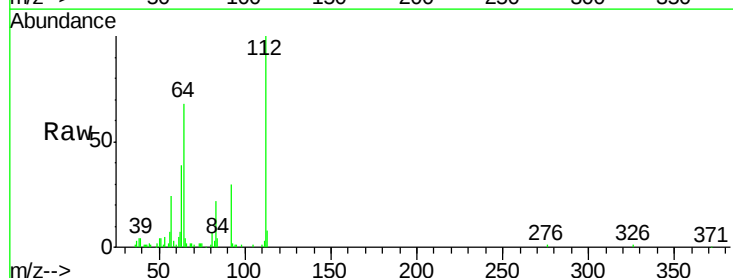
Tgt Ion:112 Resp: 83051

Ion Ratio Lower Upper

112 100

64 68.2 56.3 84.5

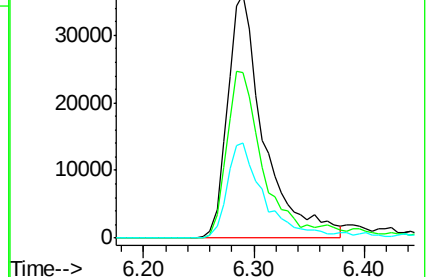
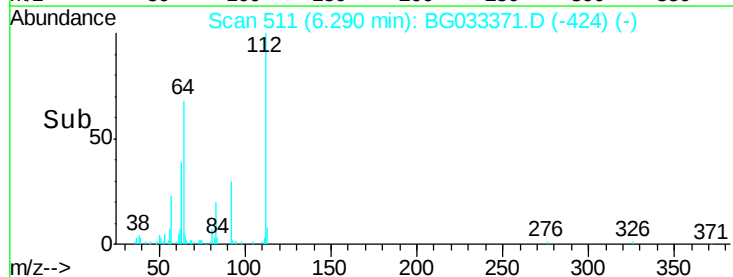
63 39.1 30.1 45.1

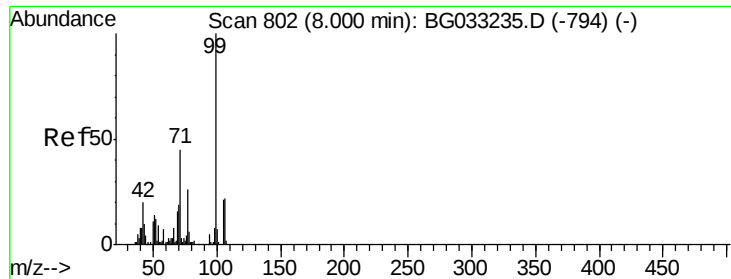


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 19.369 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.02 min

Lab File: BG033371.D

Acq: 27 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

032218-TIDO-F-U-B

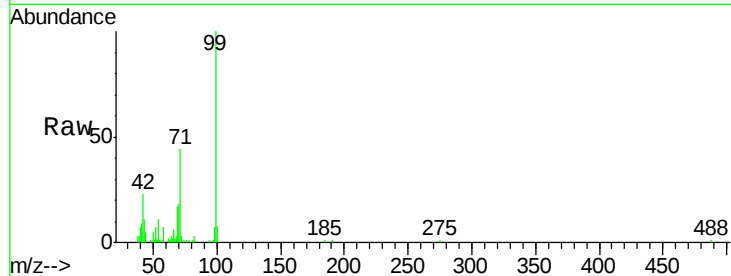
Tot Ion: 99 Resp: 69957

Ion Ratio Lower Upper

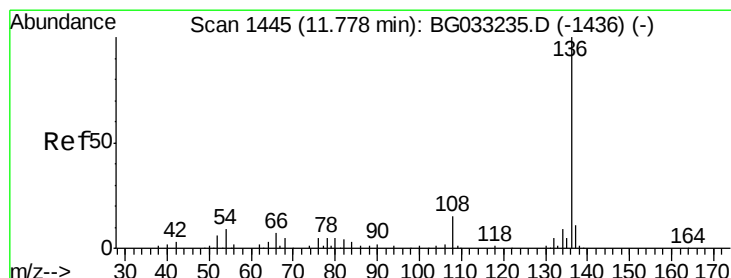
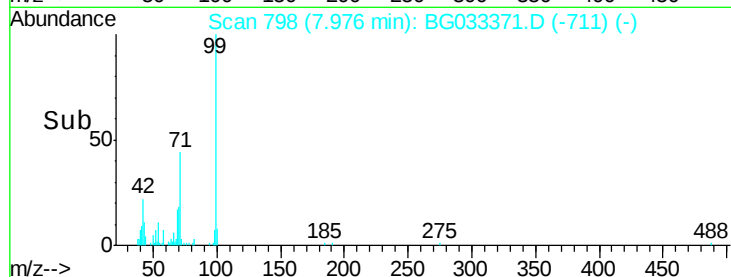
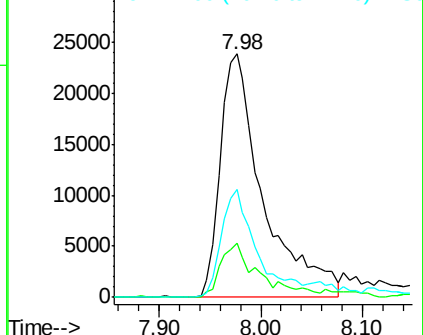
99 100

42 22.5 14.1 21.1#

71 44.2 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: 11.75 min Scan# 1440

Delta R.T. -0.03 min

Lab File: BG033371.D

Acq: 27 Mar 2018 20:50

Tgt Ion: 136 Resp: 163051

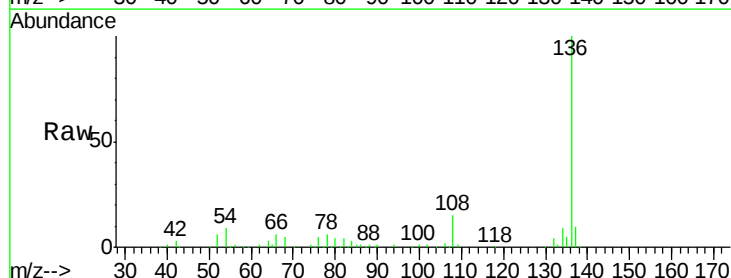
Ion Ratio Lower Upper

136 100

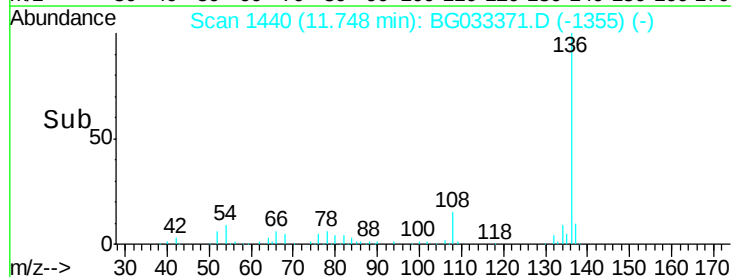
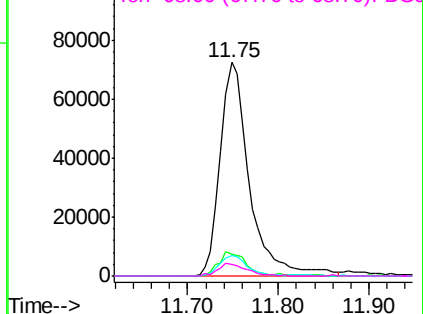
137 10.5 9.2 13.8

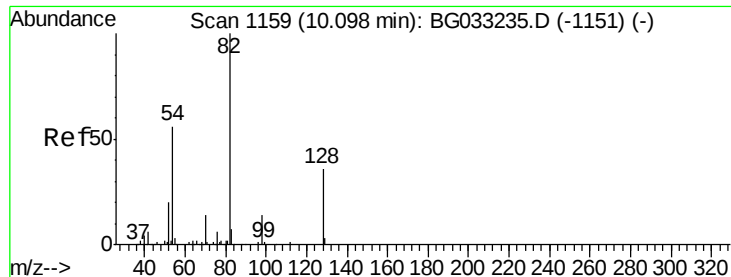
54 9.5 10.3 15.5#

68 5.4 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: 93.800 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.03 min

Lab File: BG033371.D

Acq: 27 Mar 2018 20:50

Instrument :

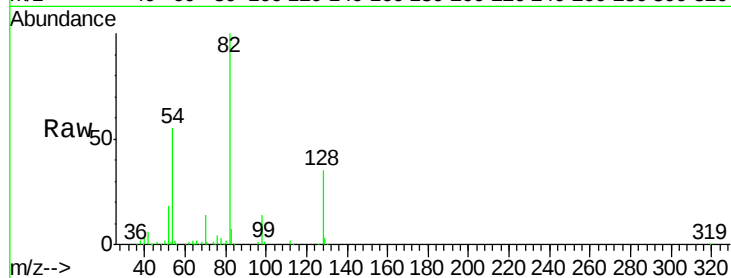
BNA_G

ClientSampleId :

032218-TIDO-F-U-B

Tot Ion: 82 Resp: 332886

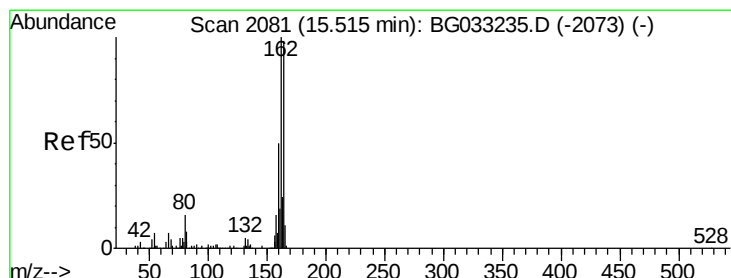
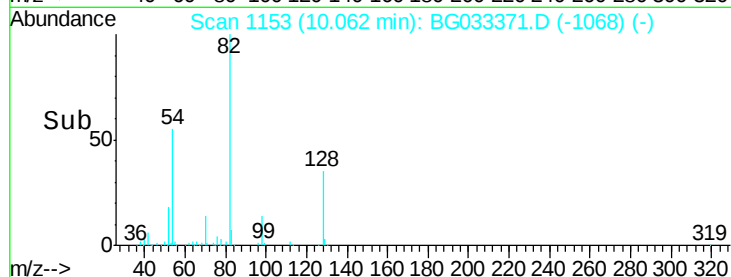
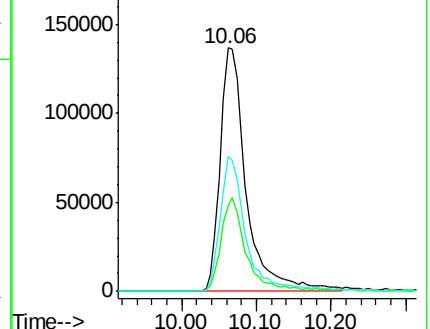
Ion	Ratio	Lower	Upper
82	100		
128	35.2	29.7	44.5
54	55.5	43.1	64.7



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

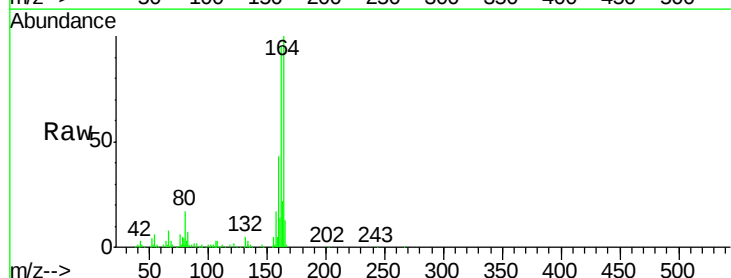
Delta R.T. -0.03 min

Lab File: BG033371.D

Acq: 27 Mar 2018 20:50

Tgt Ion: 164 Resp: 128476

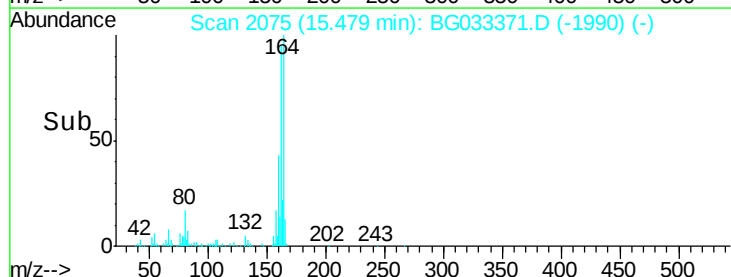
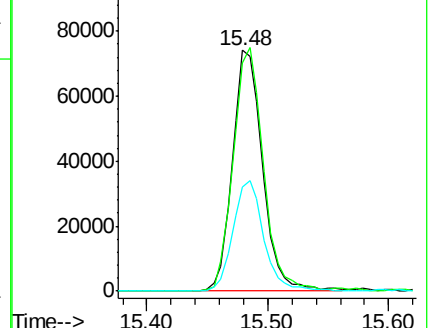
Ion	Ratio	Lower	Upper
164	100		
162	94.9	78.8	118.2
160	43.2	35.4	53.0

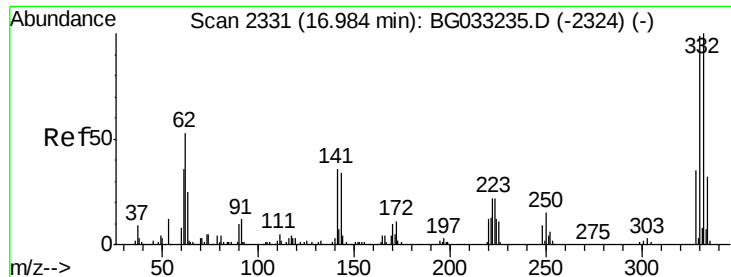


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

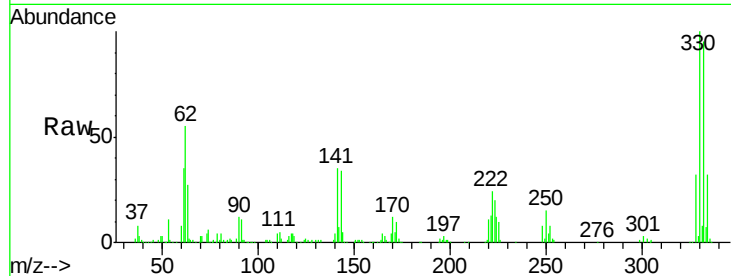




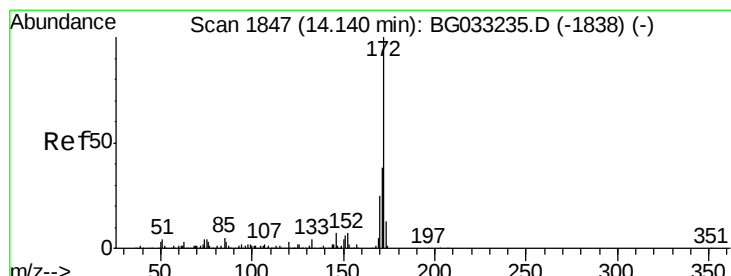
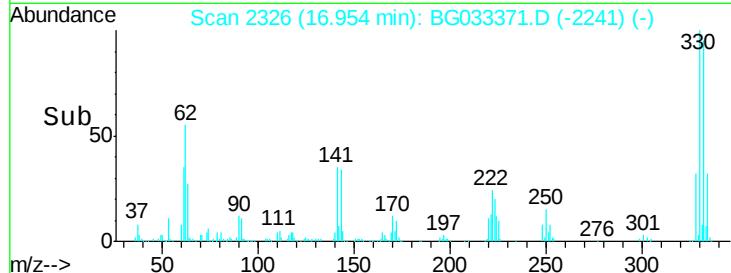
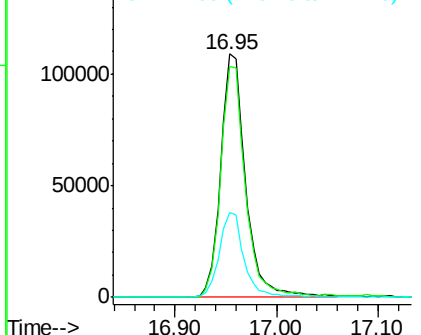
#41
 2,4,6-Tribromophenol
 Concen: 96.905 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.03 min
 Lab File: BG033371.D
 Acq: 27 Mar 2018 20:50

Instrument :
 BNA_G
 ClientSampleId :
 032218-TIDO-F-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	34.7	25.2	37.8

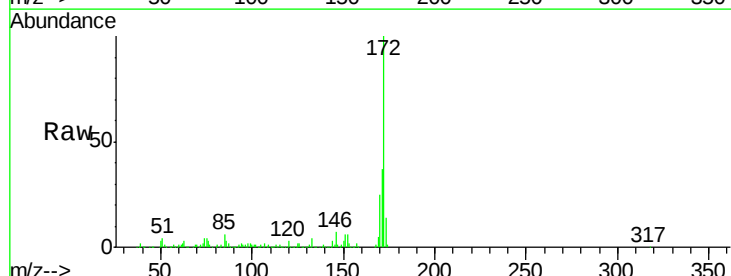


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

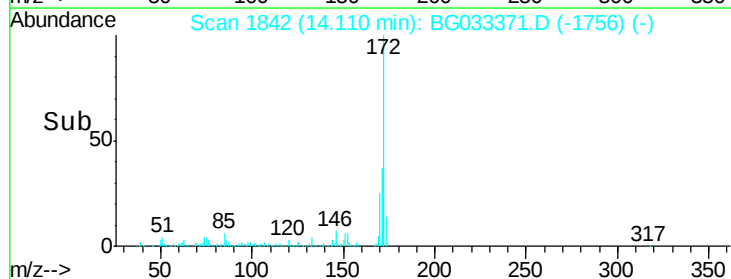
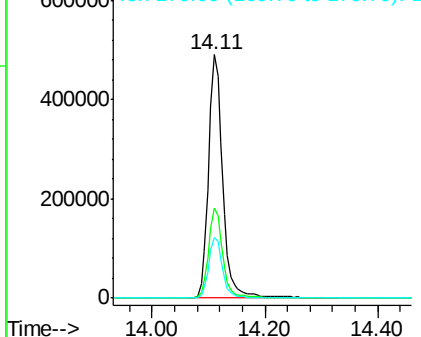


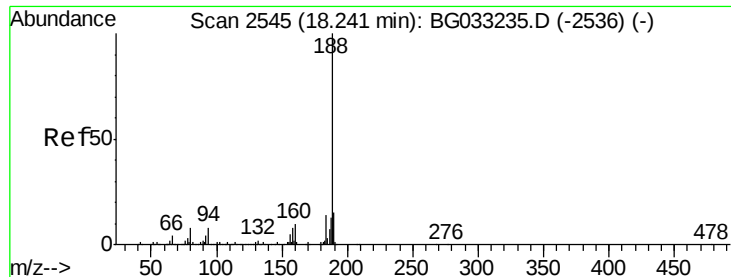
#44
 2-Fluorobiphenyl
 Concen: 96.721 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: BG033371.D
 Acq: 27 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	24.7	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# 2540

Delta R.T. -0.03 min

Lab File: BG033371.D

Acq: 27 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

032218-TIDO-F-U-B

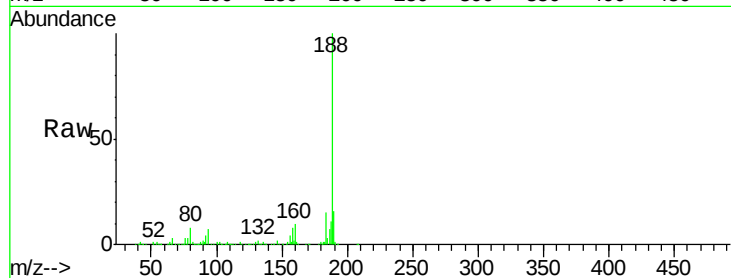
Tot Ion:188 Resp: 338610

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3

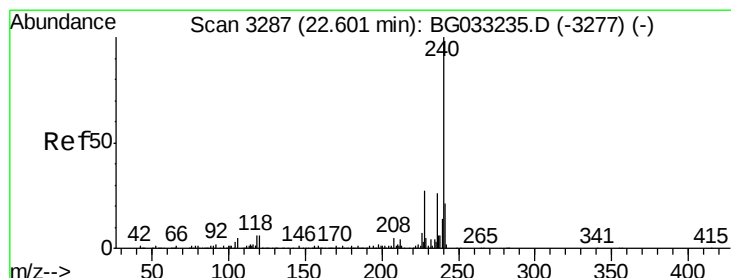
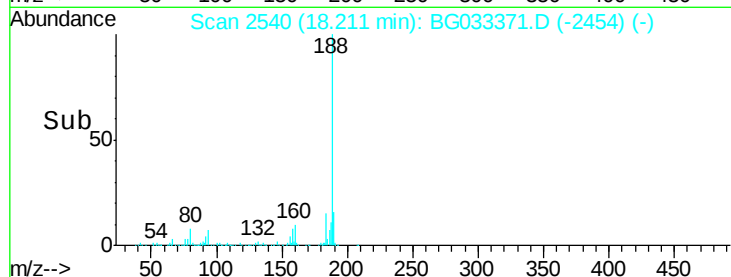
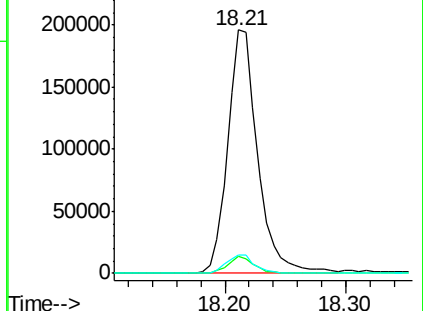
80 7.5 7.7 11.5#



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# 3280

Delta R.T. -0.04 min

Lab File: BG033371.D

Acq: 27 Mar 2018 20:50

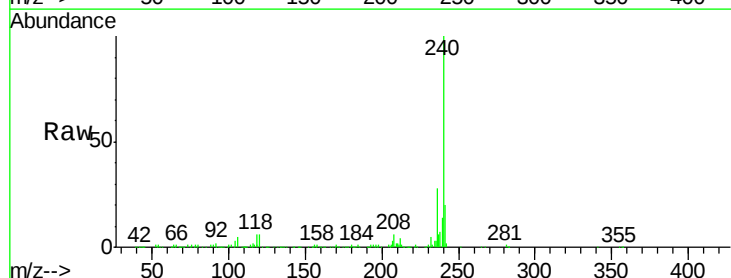
Tgt Ion:240 Resp: 351730

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

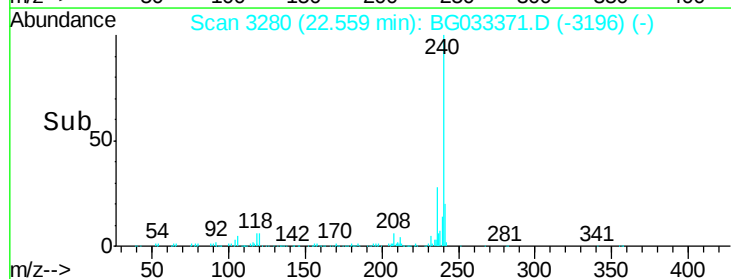
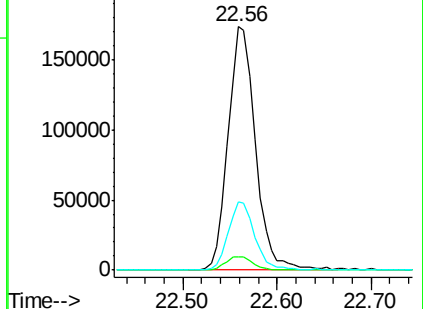
236 28.3 20.9 31.3

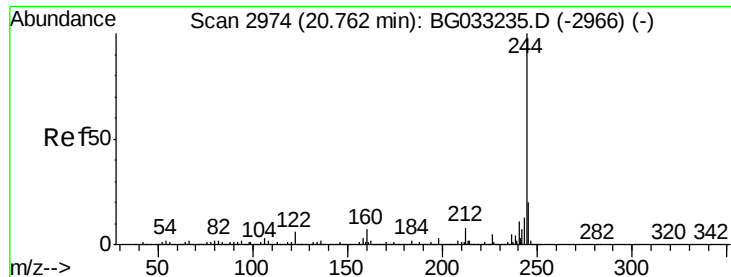


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



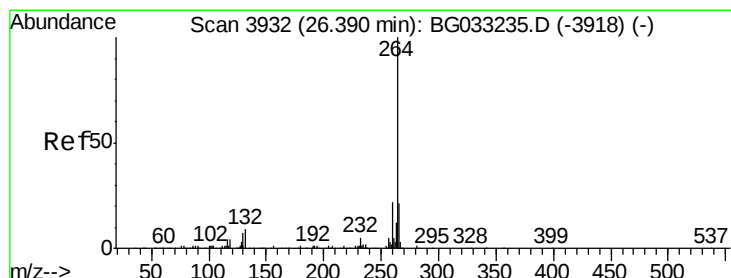
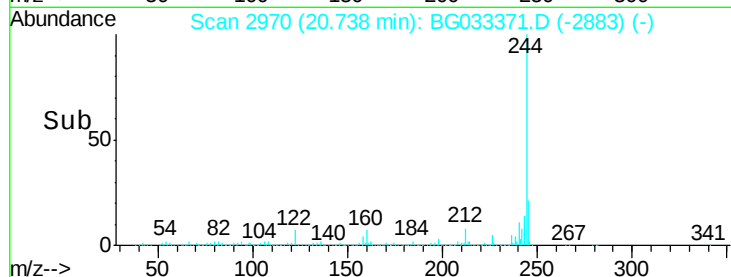
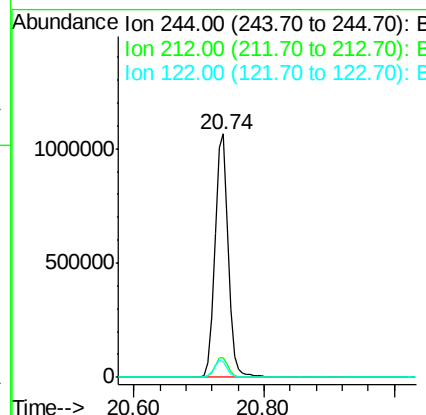
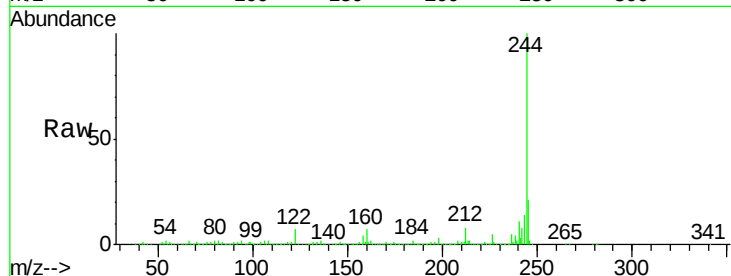


#78
 Terphenyl-d14
 Concen: 90.873 ng
 RT: 20.74 min Scan# 2970
 Delta R.T. -0.02 min
 Lab File: BG033371.D
 Acq: 27 Mar 2018 20:50

Instrument :
 BNA_G
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 032218-TIDO-F-U-B

Tot Ion:244 Resp: 1494557

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	6.5	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.33 min Scan# 3922
 Delta R.T. -0.06 min
 Lab File: BG033371.D
 Acq: 27 Mar 2018 20:50

Tgt Ion:264 Resp: 375976

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	21.7	17.7	26.5

