

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
 Data File : BG032702.D
 Acq On : 15 Feb 2018 5:53
 Operator : SJ/JU
 Sample : J1530-42
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-02

Quant Time: Feb 15 07:27:24 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	27935	20.00	ng	-0.02
21) Naphthalene-d8	11.53	136	107068	20.00	ng	-0.02
38) Acenaphthene-d10	15.29	164	77161	20.00	ng	-0.02
63) Phenanthrene-d10	18.03	188	223613	20.00	ng	-0.02
75) Chrysene-d12	22.35	240	306527	20.00	ng	-0.02
86) Perylene-d12	25.99	264	321915	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	163371	117.34	ng	-0.01
7) Phenol-d6	7.78	99	171913	90.30	ng	-0.01
23) Nitrobenzene-d5	9.86	82	144680	85.88	ng	-0.02
41) 2,4,6-Tribromophenol	16.78	330	206180	173.54	ng	-0.01
44) 2-Fluorobiphenyl	13.92	172	524064	84.93	ng	-0.01
78) Terphenyl-d14	20.58	244	1172746	87.20	ng	0.00

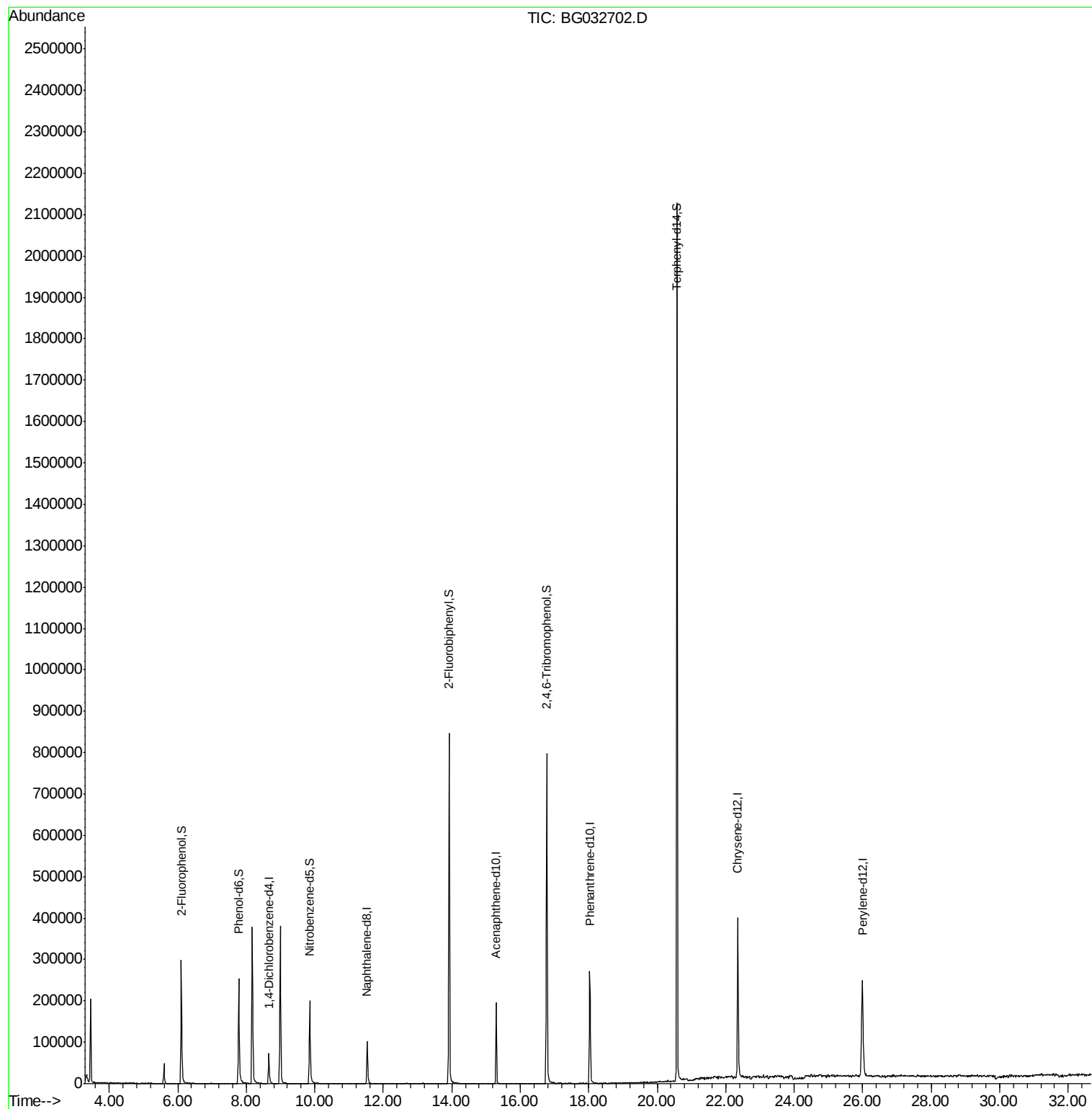
Target Compounds Qvalue

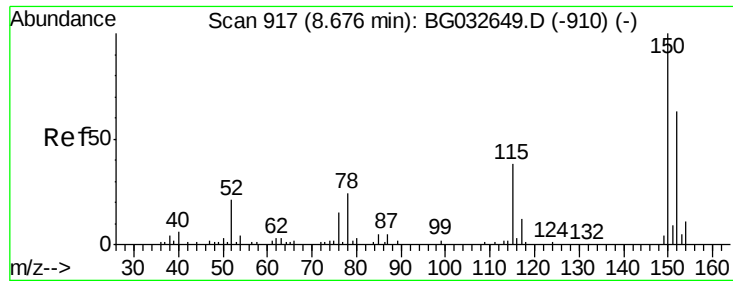
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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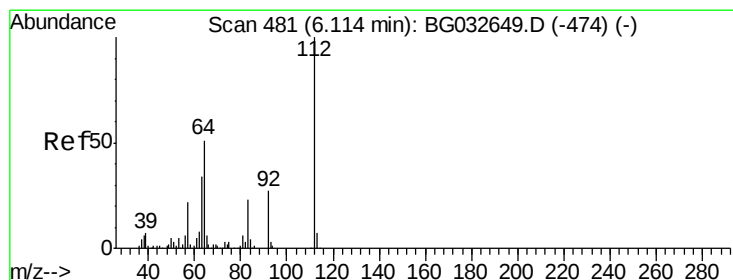
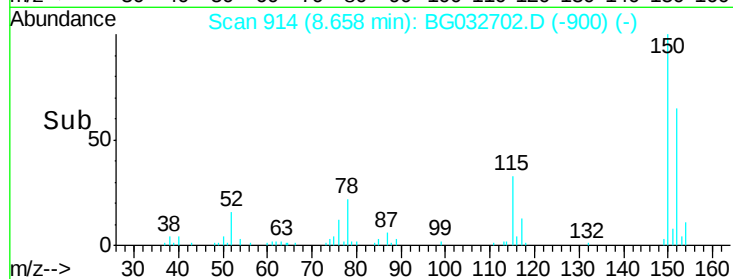
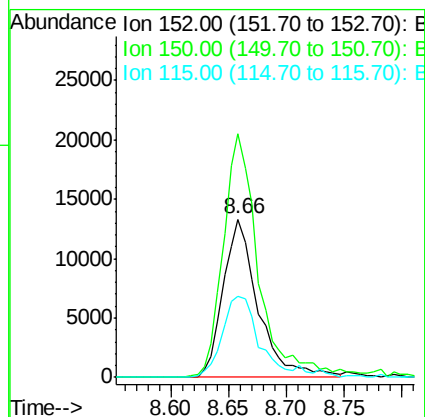
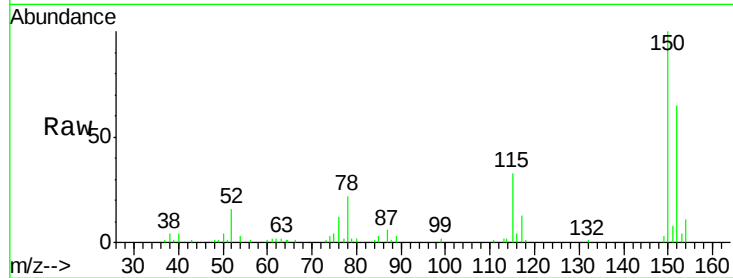


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.66 min Scan# 914
Delta R.T. -0.02 min
Lab File: BG032702.D
Acq: 15 Feb 2018 5:53

Instrument :
BNA_G
ClientSampleId :
WC-02

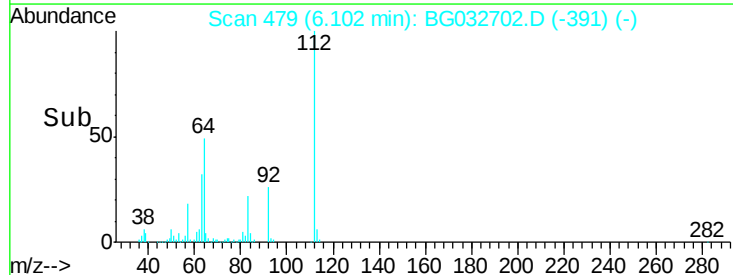
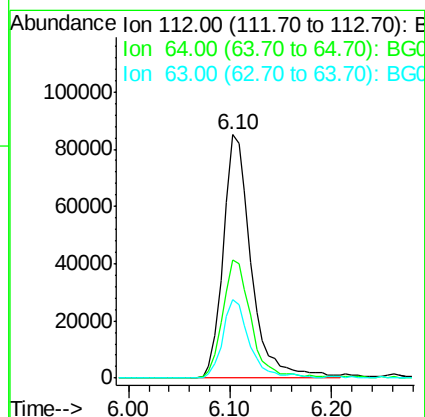
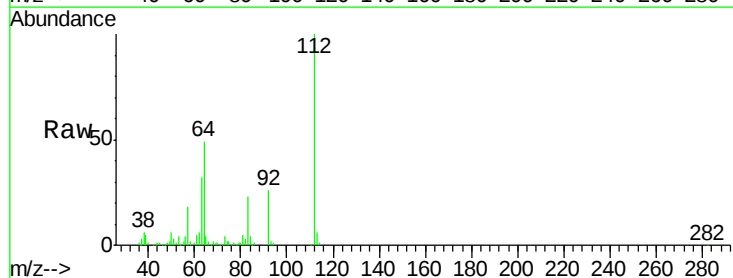
Tot Ion:152 Resp: 27935
Ion Ratio Lower Upper
152 100
150 153.7 126.6 189.8
115 51.2 53.0 79.4#

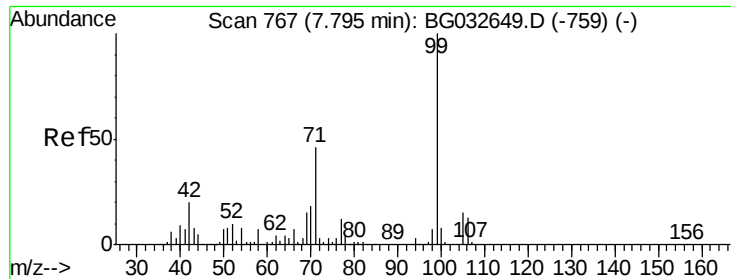


#5

2-Fluorophenol
Concen: 117.336 ng
RT: 6.10 min Scan# 479
Delta R.T. -0.01 min
Lab File: BG032702.D
Acq: 15 Feb 2018 5:53

Tgt Ion:112 Resp: 163371
Ion Ratio Lower Upper
112 100
64 48.6 56.3 84.5#
63 32.4 30.1 45.1





#7

Phenol-d6

Concen: 90.297 ng

RT: 7.78 min Scan# 765

Delta R.T. -0.01 min

Lab File: BG032702.D

Acq: 15 Feb 2018 5:53

Instrument :

BNA_G

ClientSampled :

WC-02

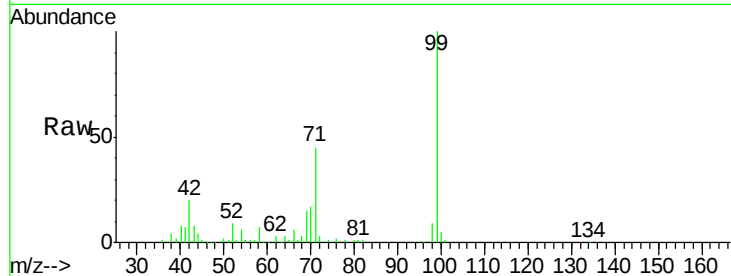
Tot Ion: 99 Resp: 171913

Ion Ratio Lower Upper

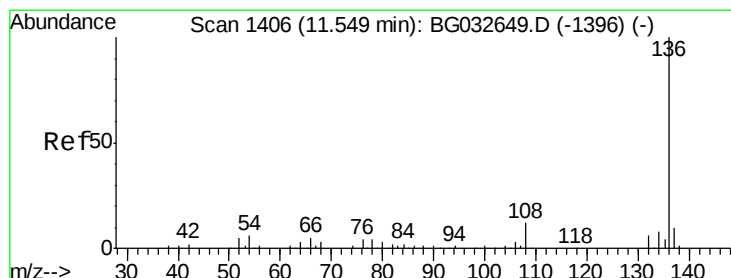
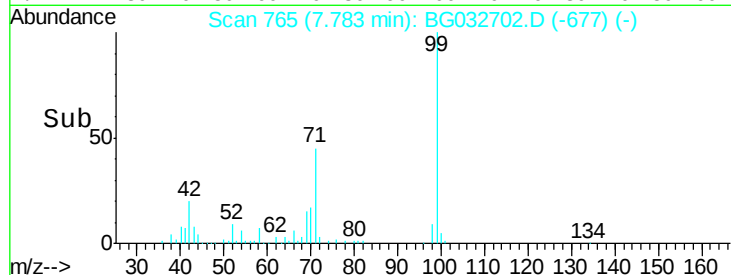
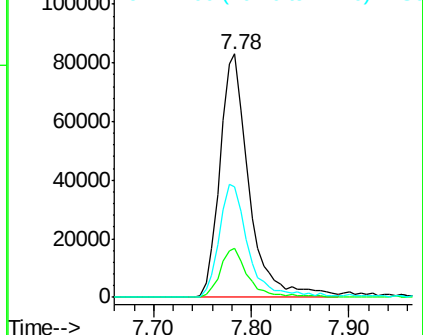
99 100

42 20.2 14.1 21.1

71 45.3 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: 11.53 min Scan# 1403

Delta R.T. -0.02 min

Lab File: BG032702.D

Acq: 15 Feb 2018 5:53

Tgt Ion: 136 Resp: 107068

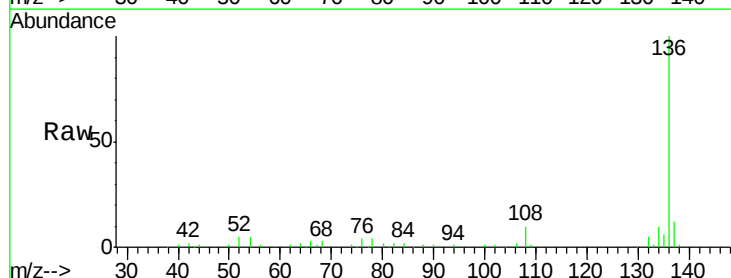
Ion Ratio Lower Upper

136 100

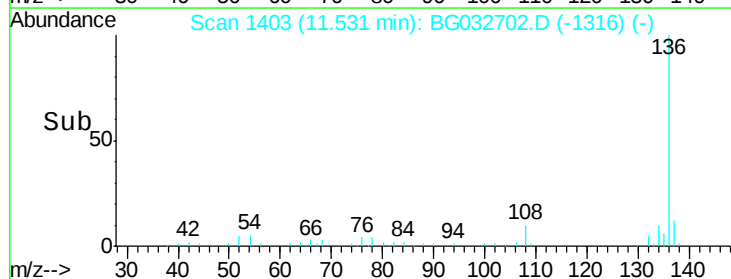
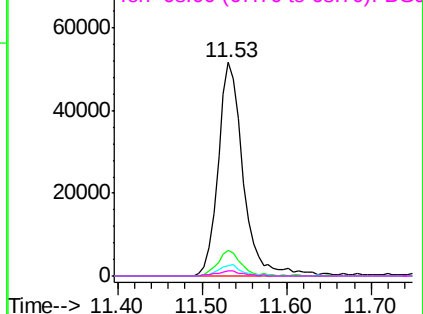
137 12.0 9.2 13.8

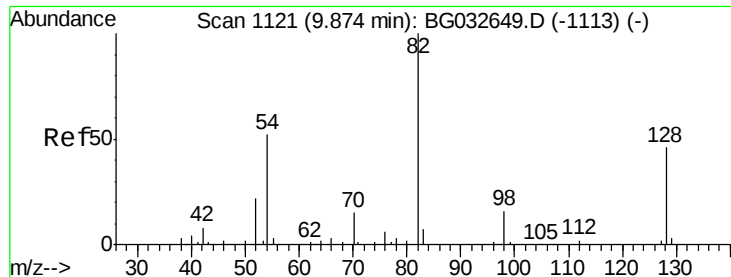
54 4.8 10.3 15.5#

68 2.7 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

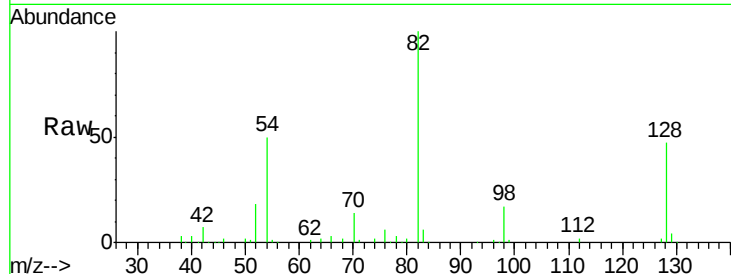




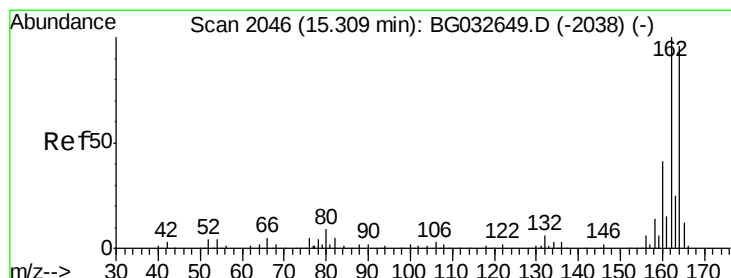
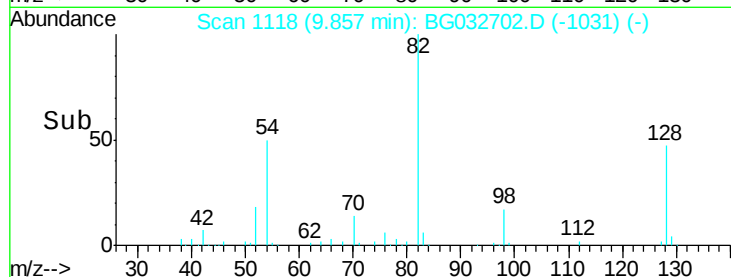
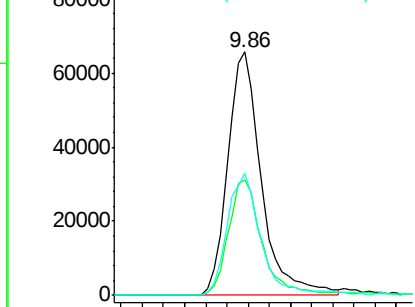
#23
 Nitrobenzene-d5
 Concen: 85.881 ng
 RT: 9.86 min Scan# 1118
 Delta R.T. -0.02 min
 Lab File: BG032702.D
 Acq: 15 Feb 2018 5:53

Instrument :
 BNA_G
 ClientSampled :
 WC-02

Tot Ion: 82 Resp: 144680
 Ion Ratio Lower Upper
 82 100
 128 47.4 29.7 44.5#
 54 50.0 43.1 64.7

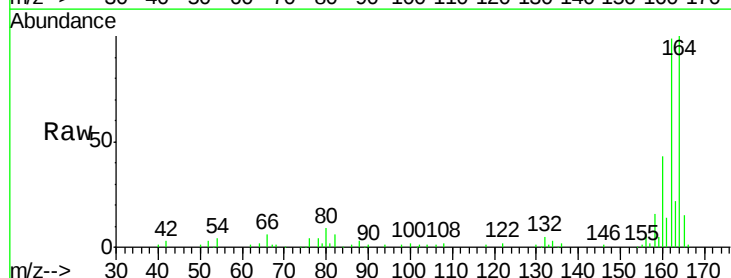


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

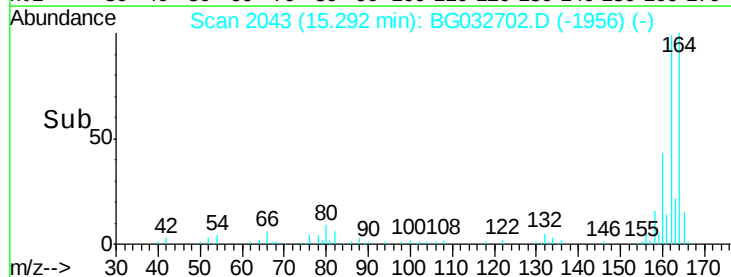
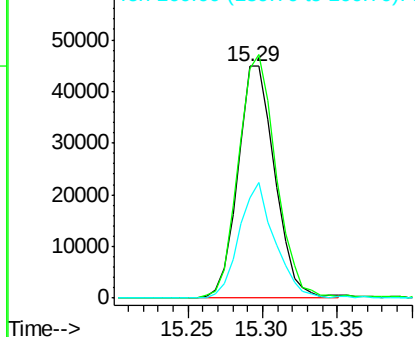


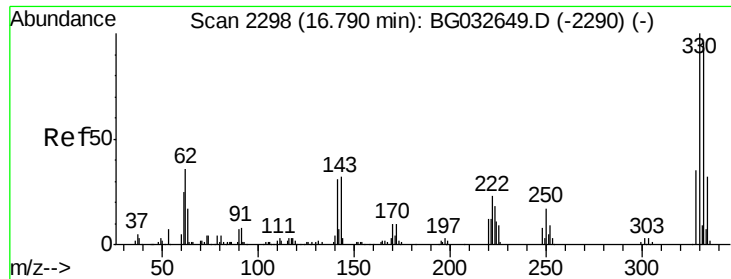
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2043
 Delta R.T. -0.02 min
 Lab File: BG032702.D
 Acq: 15 Feb 2018 5:53

Tgt Ion:164 Resp: 77161
 Ion Ratio Lower Upper
 164 100
 162 99.2 78.8 118.2
 160 43.4 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

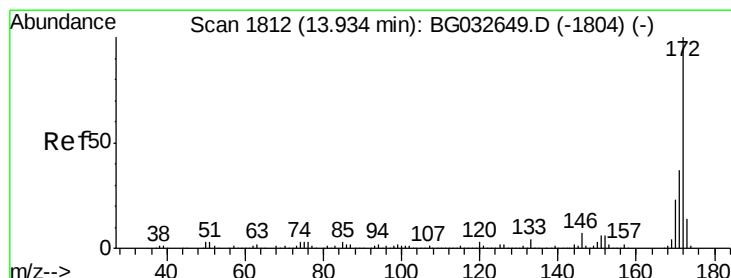
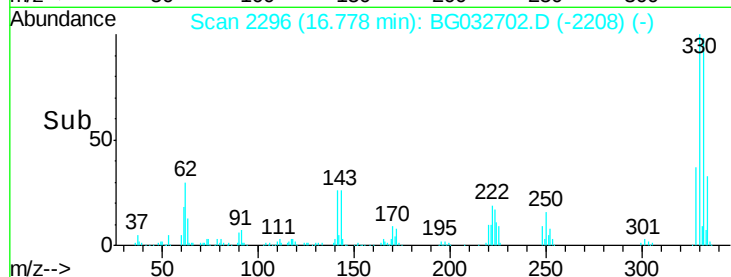
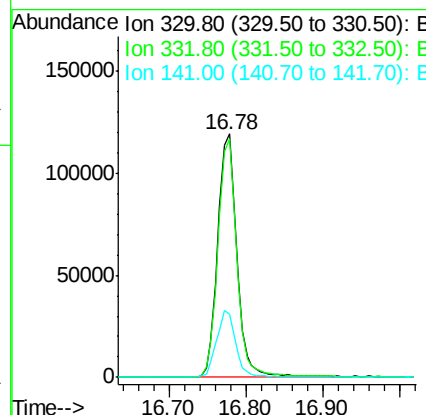
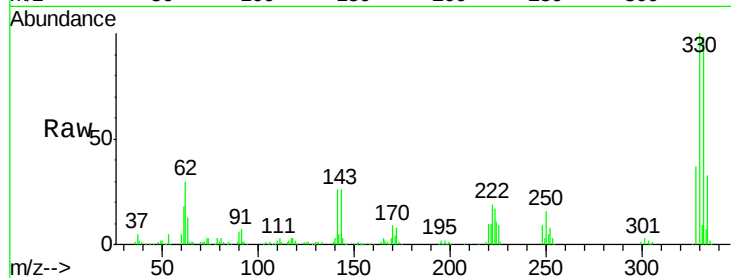




#41
 2,4,6-Tribromophenol
 Concen: 173.535 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. -0.01 min
 Lab File: BG032702.D
 Acq: 15 Feb 2018 5:53

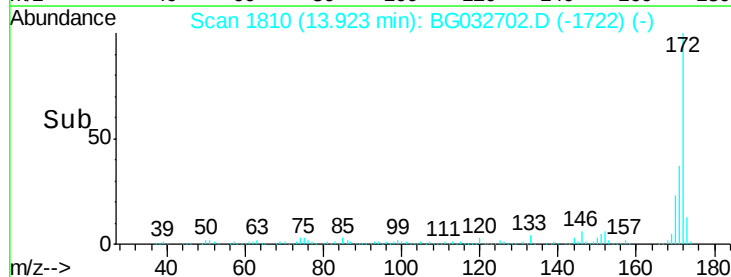
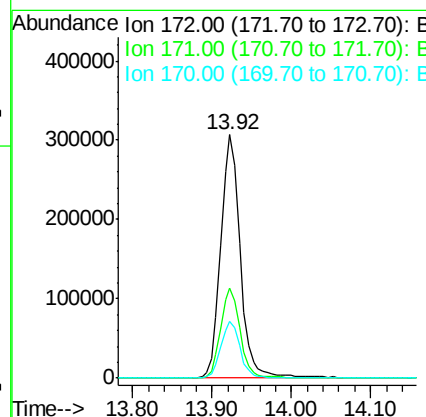
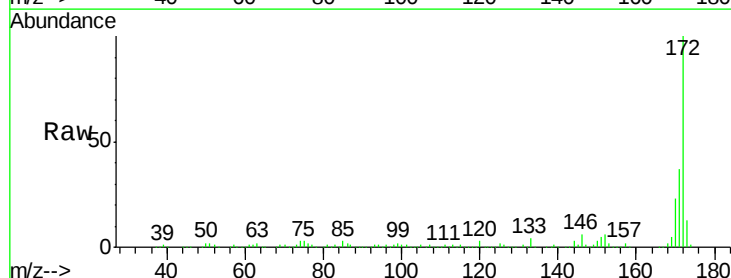
Instrument :
 BNA_G
 ClientSampleId :
 WC-02

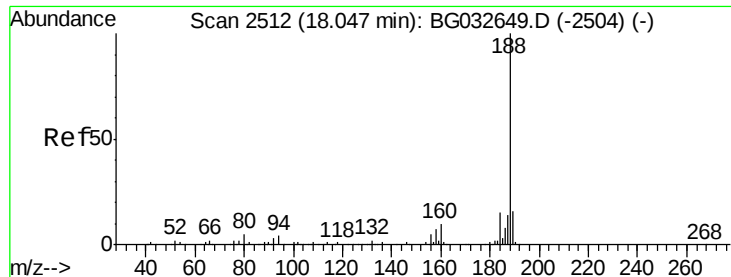
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	27.0	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 84.934 ng
 RT: 13.92 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BG032702.D
 Acq: 15 Feb 2018 5:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	23.4	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.03 min Scan# 2509

Delta R.T. -0.02 min

Lab File: BG032702.D

Acq: 15 Feb 2018 5:53

Instrument :

BNA_G

ClientSampleId :

WC-02

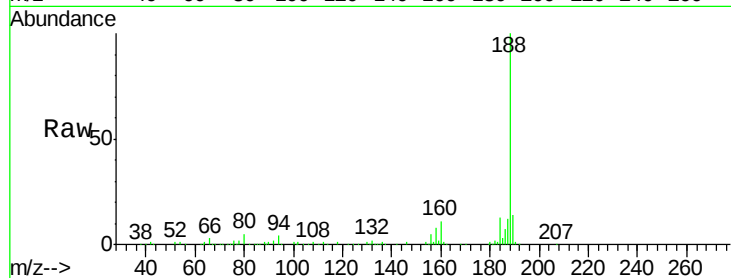
Tot Ion:188 Resp: 223613

Ion Ratio Lower Upper

188 100

94 3.5 6.9 10.3#

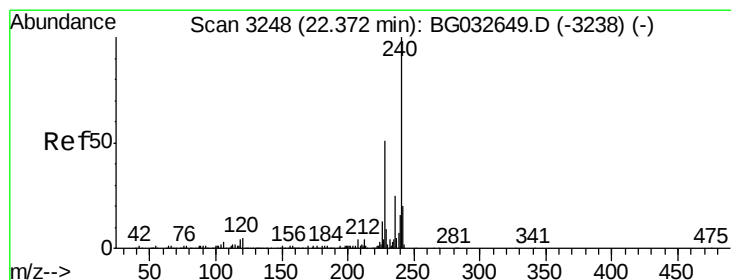
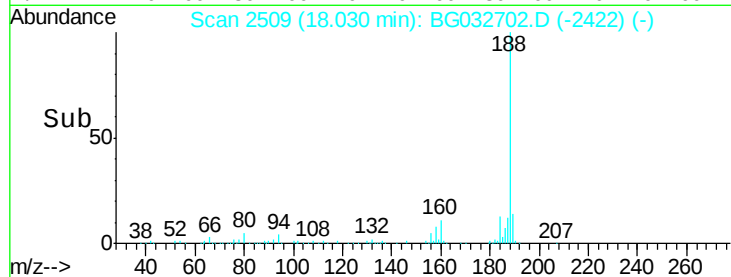
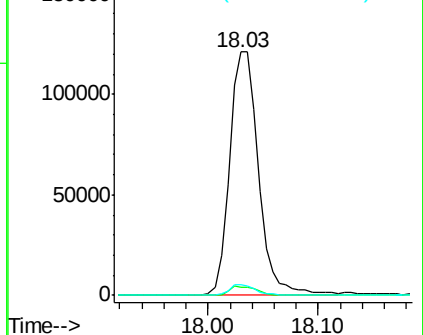
80 4.6 7.7 11.5#



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: 22.35 min Scan# 3245

Delta R.T. -0.02 min

Lab File: BG032702.D

Acq: 15 Feb 2018 5:53

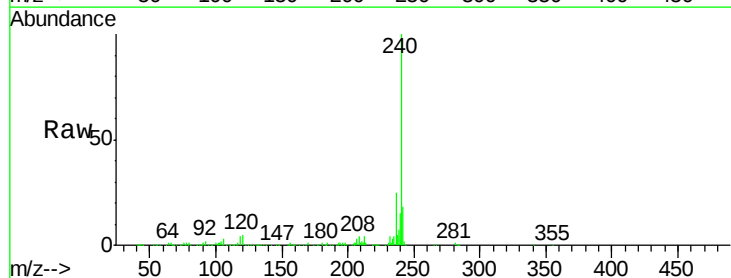
Tgt Ion:240 Resp: 306527

Ion Ratio Lower Upper

240 100

120 4.8 6.8 10.2#

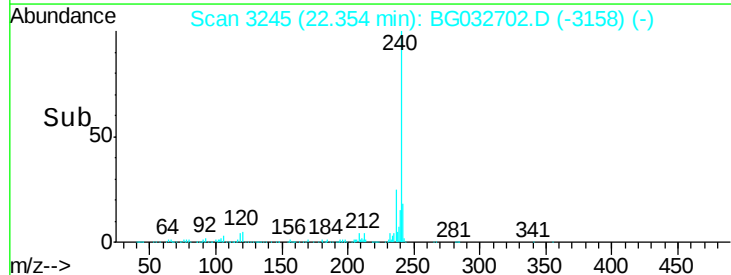
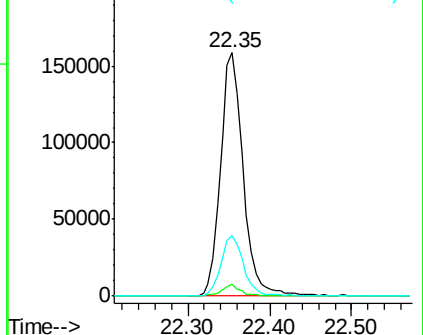
236 24.7 20.9 31.3

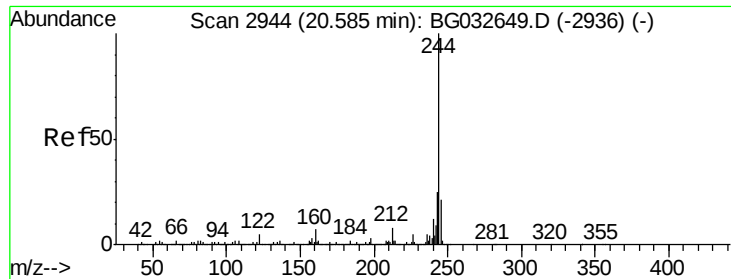


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.201 ng

RT: 20.58 min Scan# 2943

Delta R.T. -0.01 min

Lab File: BG032702.D

Acq: 15 Feb 2018 5:53

Instrument :

BNA_G

ClientSampled :

WC-02

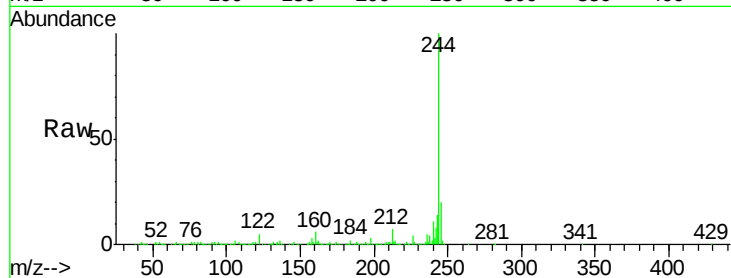
Tot Ion:244 Resp: 1172746

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

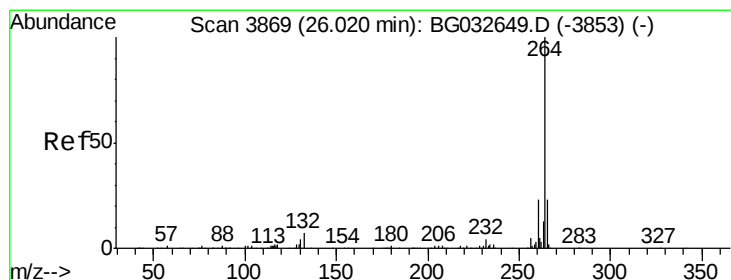
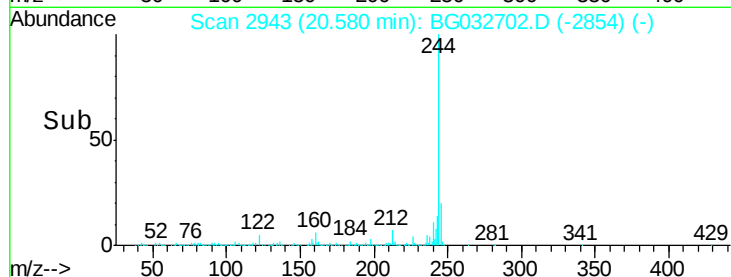
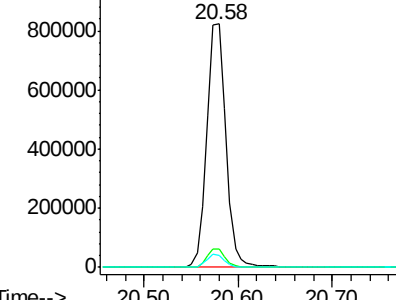
122 4.9 7.0 10.4#



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: 25.99 min Scan# 3864

Delta R.T. -0.03 min

Lab File: BG032702.D

Acq: 15 Feb 2018 5:53

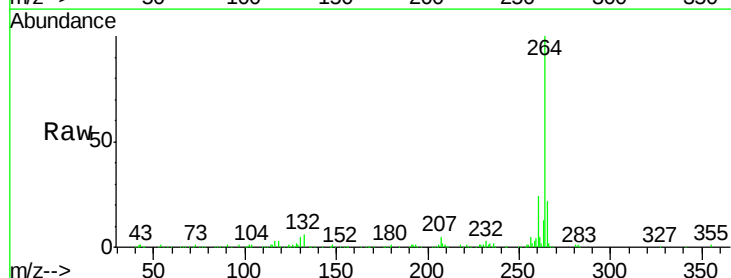
Tgt Ion:264 Resp: 321915

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 22.4 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

