

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
 Data File : BG032238.D
 Acq On : 23 Jan 2018 19:10
 Operator : SJ/JU
 Sample : J1213-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MANHOLE

Quant Time: Jan 24 04:40:02 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	40516	20.00	ng	-0.01
21) Naphthalene-d8	11.61	136	173477	20.00	ng	-0.02
38) Acenaphthene-d10	15.36	164	126775	20.00	ng	-0.02
63) Phenanthrene-d10	18.09	188	303620	20.00	ng	-0.02
75) Chrysene-d12	22.42	240	385557	20.00	ng	-0.02
86) Perylene-d12	26.12	264	414527	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	129244	58.34	ng	0.00
7) Phenol-d6	7.84	99	99443	35.64	ng	-0.01
23) Nitrobenzene-d5	9.93	82	271595	105.92	ng	-0.01
41) 2,4,6-Tribromophenol	16.84	330	300543	143.26	ng	-0.02
44) 2-Fluorobiphenyl	13.99	172	968708	94.75	ng	-0.01
78) Terphenyl-d14	20.63	244	1684272	96.46	ng	-0.02

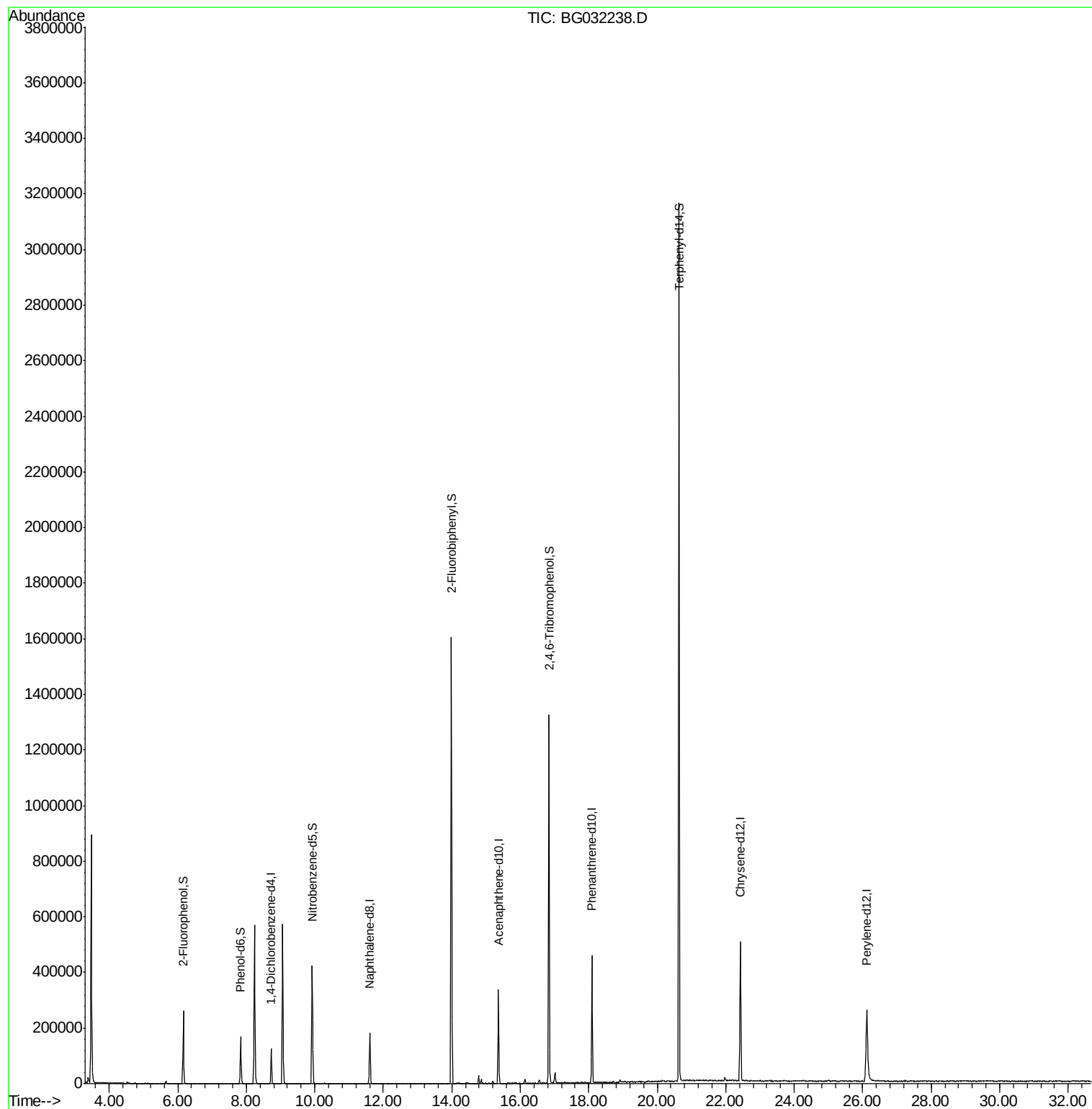
Target Compounds Qvalue

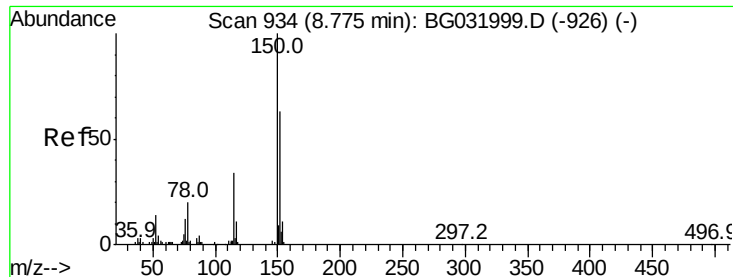
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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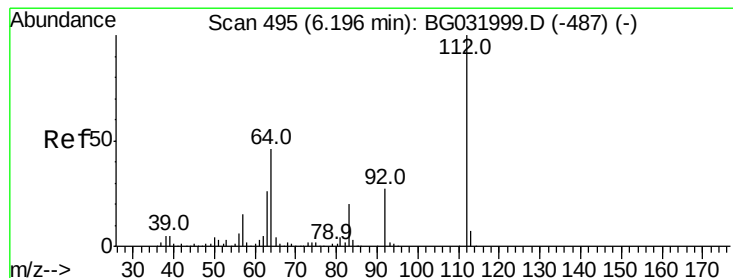
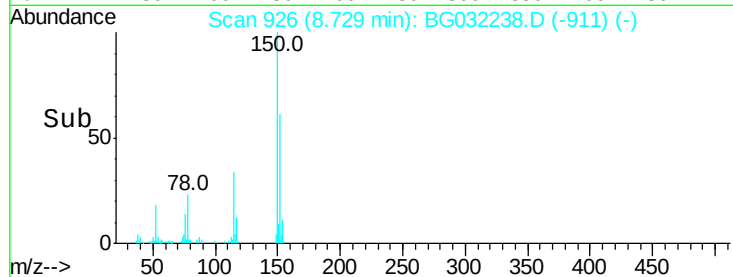
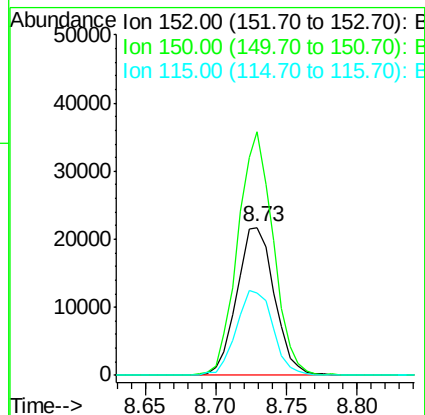
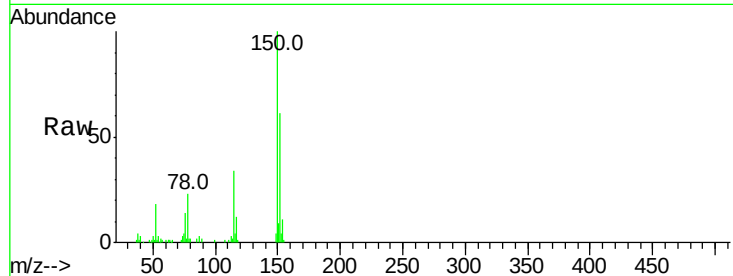


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.73 min Scan# 926
Delta R.T. -0.01 min
Lab File: BG032238.D
Acq: 23 Jan 2018 19:10

Instrument :
BNA_G
ClientSampleId :
MANHOLE

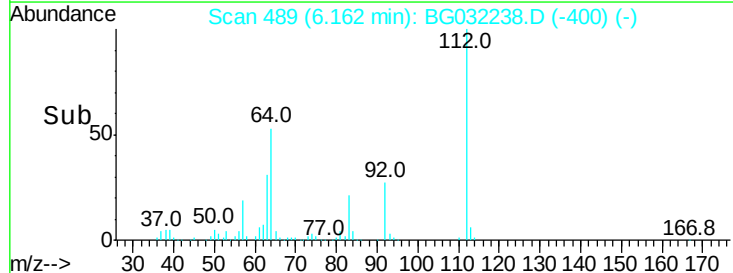
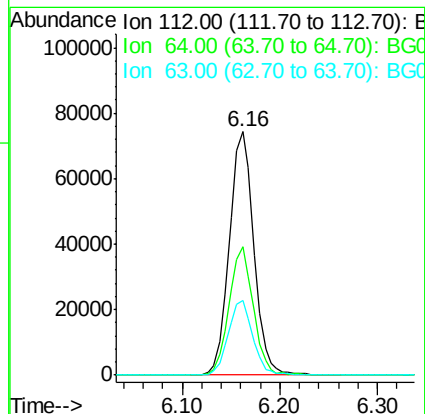
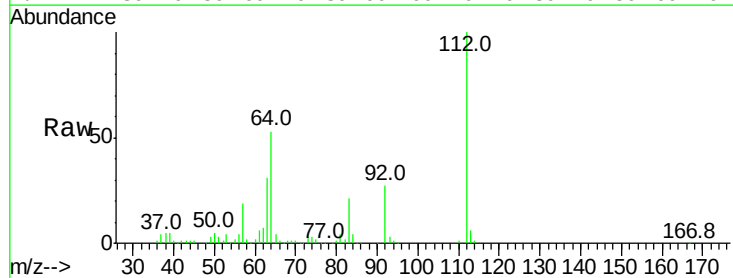
Tot Ion	Ratio	Lower	Upper
152	100		
150	164.5	126.6	189.8
115	55.8	53.0	79.4

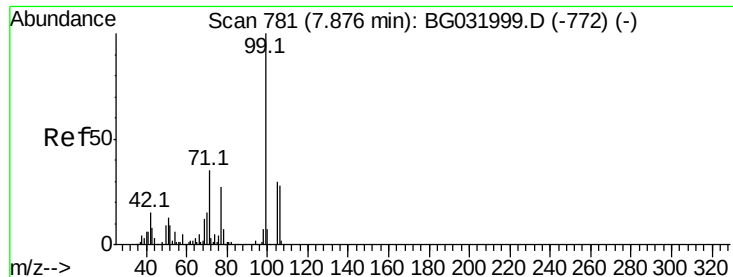


#5

2-Fluorophenol
Concen: 58.342 ng
RT: 6.16 min Scan# 489
Delta R.T. -0.01 min
Lab File: BG032238.D
Acq: 23 Jan 2018 19:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.5	56.3	84.5#
63	30.8	30.1	45.1





#7

Phenol-d6

Concen: 35.643 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.01 min

Lab File: BG032238.D

Acq: 23 Jan 2018 19:10

Instrument :

BNA_G

ClientSampleId :

MANHOLE

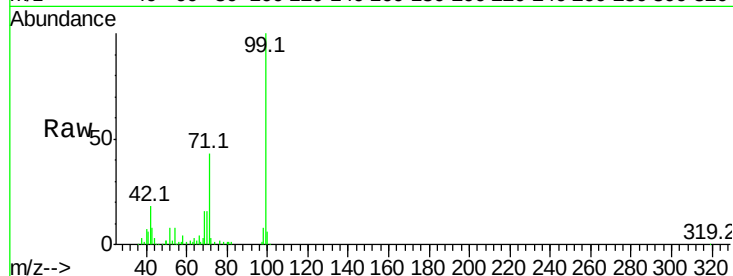
Tot Ion: 99 Resp: 99443

Ion Ratio Lower Upper

99 100

42 17.8 14.1 21.1

71 42.8 26.1 39.1#

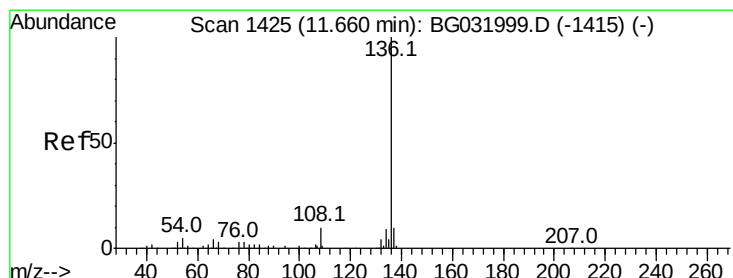
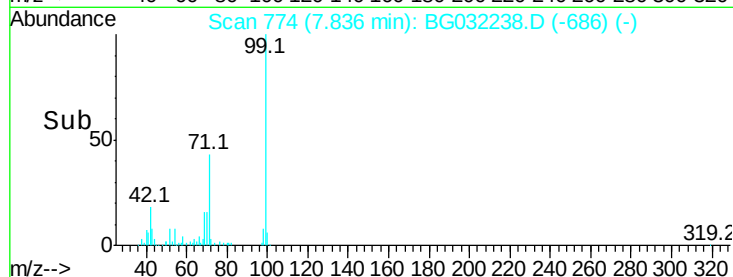
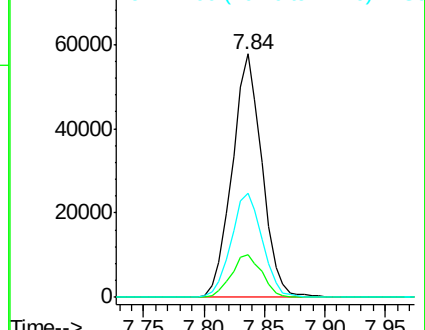


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.61 min Scan# 1416

Delta R.T. -0.02 min

Lab File: BG032238.D

Acq: 23 Jan 2018 19:10

Tgt Ion: 136 Resp: 173477

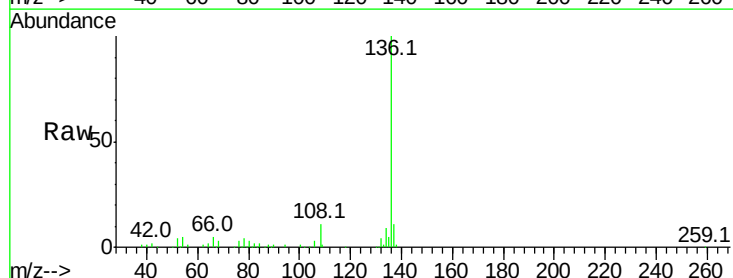
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 5.5 10.3 15.5#

68 2.6 4.5 6.7#



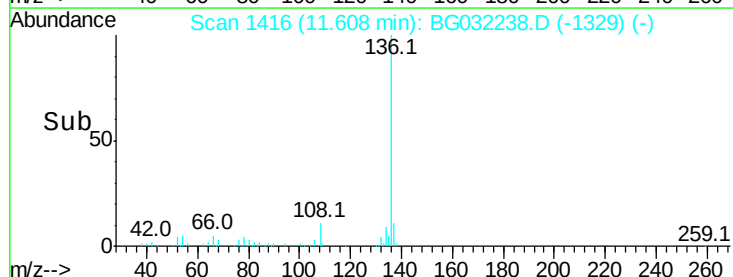
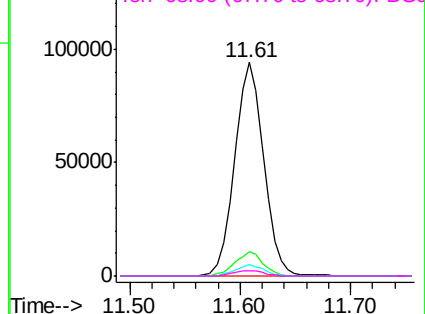
Abundance

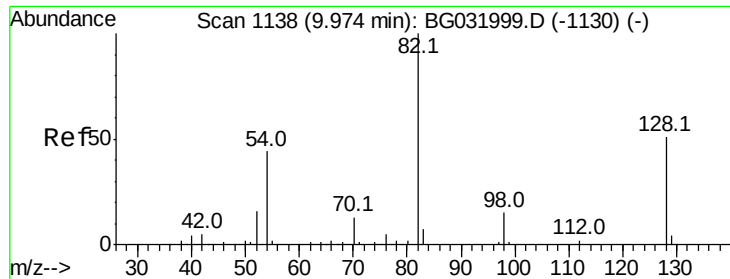
Ion 136.00 (135.70 to 136.70): BGC

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

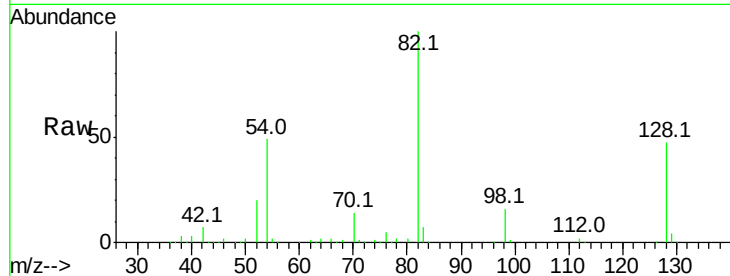




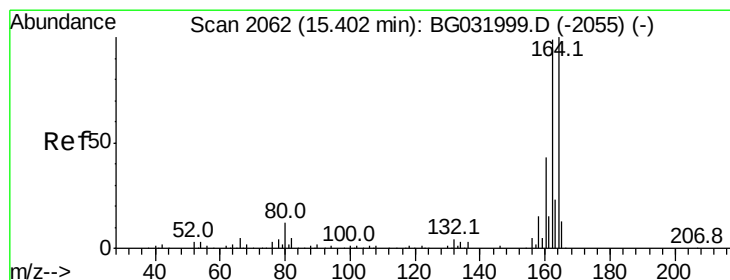
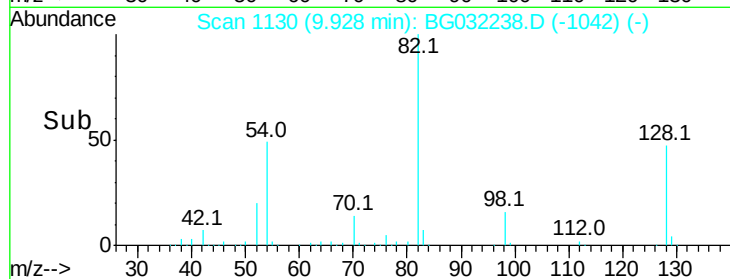
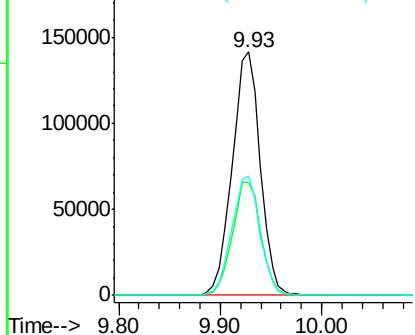
#23
 Nitrobenzene-d5
 Concen: 105.919 ng
 RT: 9.93 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BG032238.D
 Acq: 23 Jan 2018 19:10

Instrument :
 BNA_G
 ClientSampleID :
 MANHOLE

Tot Ion: 82 Resp: 271595
 Ion Ratio Lower Upper
 82 100
 128 46.5 29.7 44.5#
 54 49.0 43.1 64.7

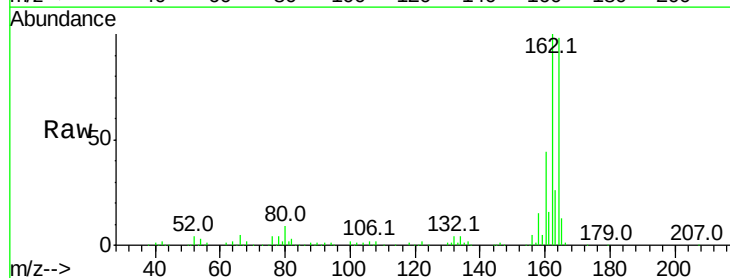


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

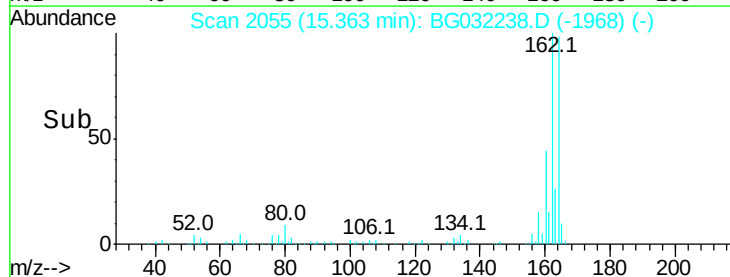
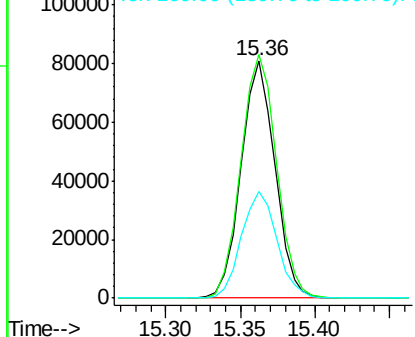


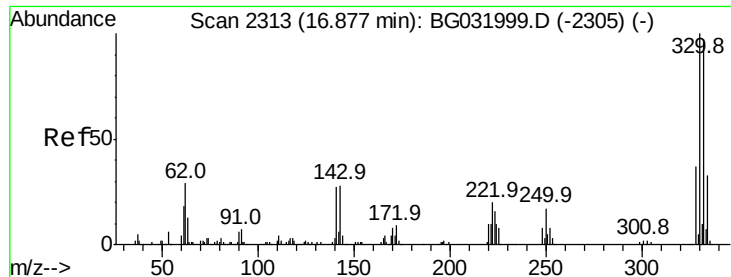
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2055
 Delta R.T. -0.02 min
 Lab File: BG032238.D
 Acq: 23 Jan 2018 19:10

Tgt Ion:164 Resp: 126775
 Ion Ratio Lower Upper
 164 100
 162 102.5 78.8 118.2
 160 44.9 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

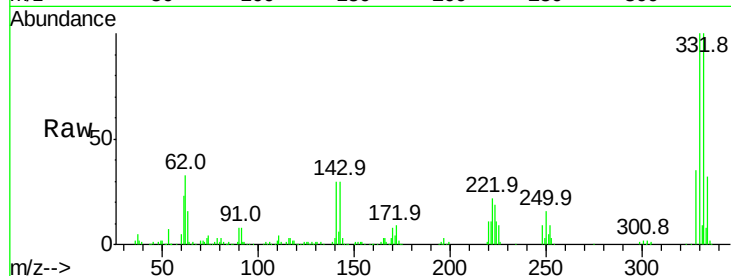




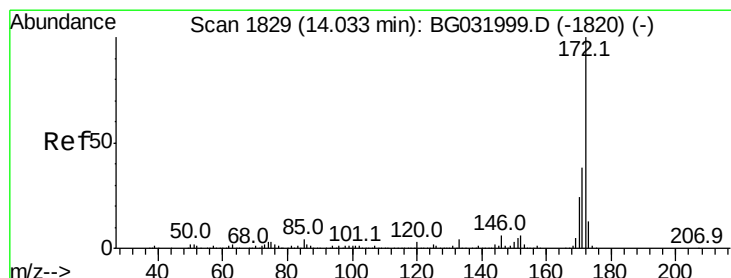
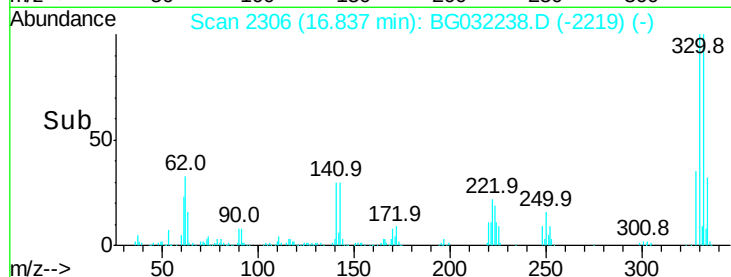
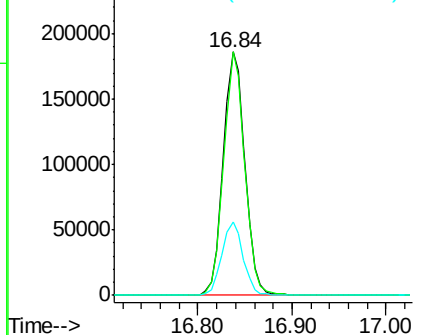
#41
 2,4,6-Tribromophenol
 Concen: 143.264 ng
 RT: 16.84 min Scan# 2306
 Delta R.T. -0.02 min
 Lab File: BG032238.D
 Acq: 23 Jan 2018 19:10

Instrument :
 BNA_G
 ClientSampled :
 MANHOLE

Tot Ion:330 Resp: 300543
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 29.8 25.2 37.8

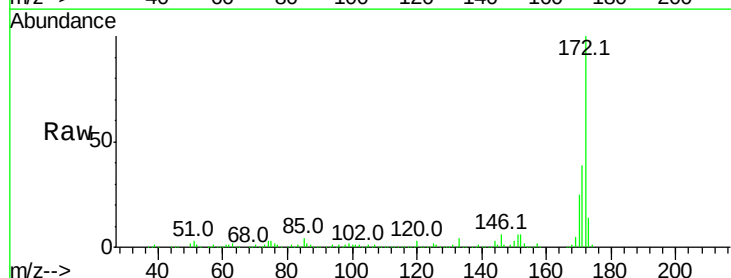


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

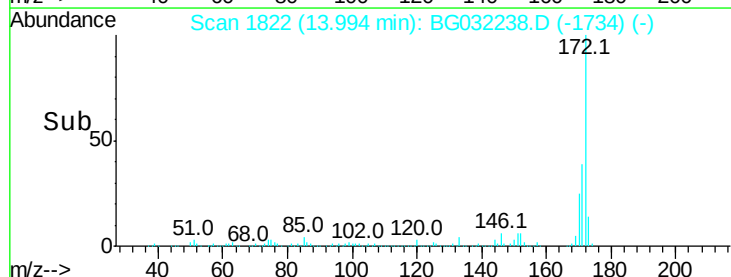
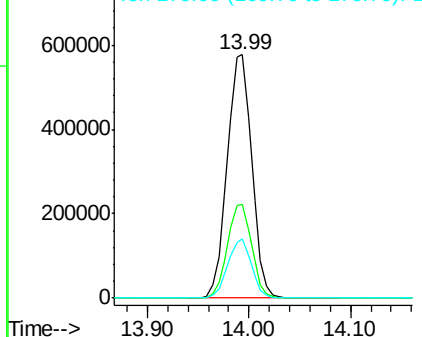


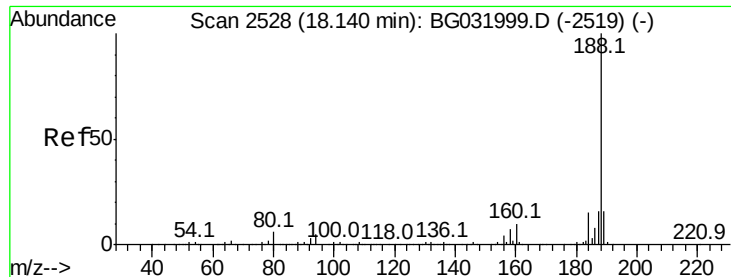
#44
 2-Fluorobiphenyl
 Concen: 94.747 ng
 RT: 13.99 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BG032238.D
 Acq: 23 Jan 2018 19:10

Tgt Ion:172 Resp: 968708
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.0 45.0
 170 24.6 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

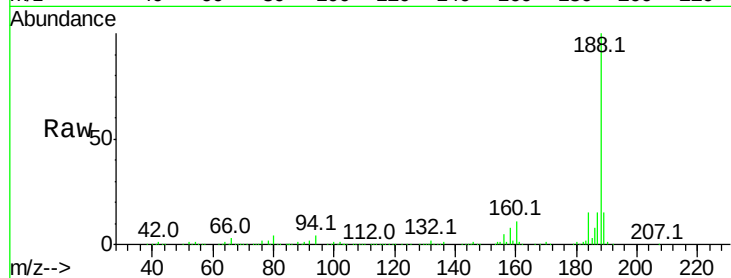




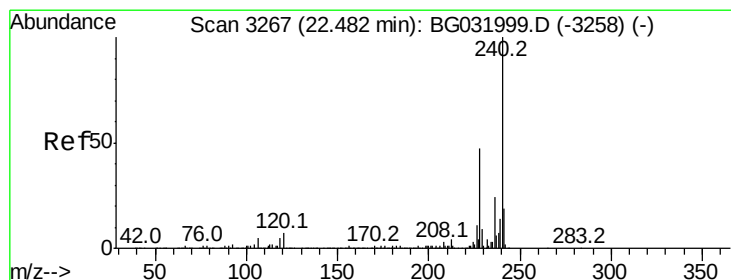
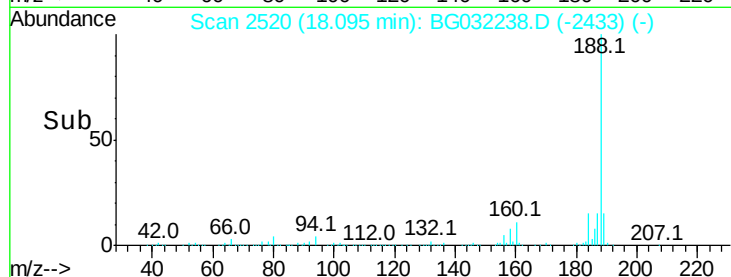
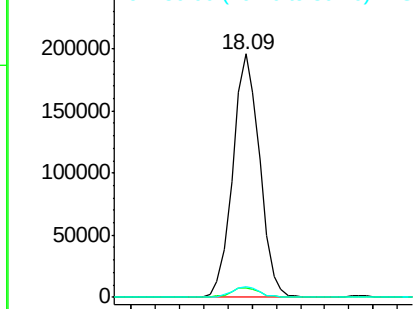
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BG032238.D
Acq: 23 Jan 2018 19:10

Instrument :
BNA_G
ClientSampleId :
MANHOLE

Tot Ion:188 Resp: 303620
Ion Ratio Lower Upper
188 100
94 3.7 6.9 10.3#
80 4.5 7.7 11.5#

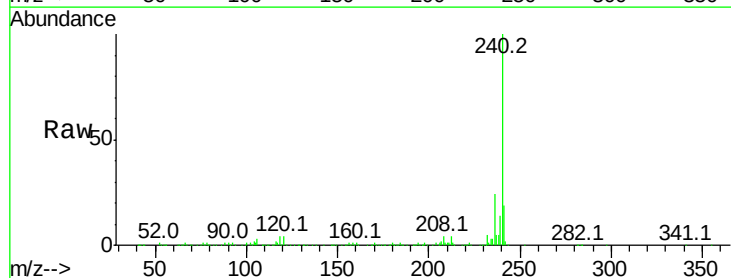


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

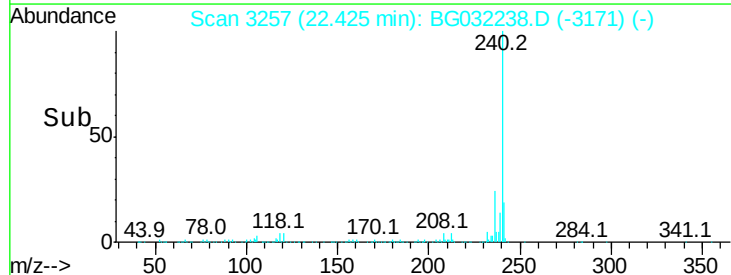
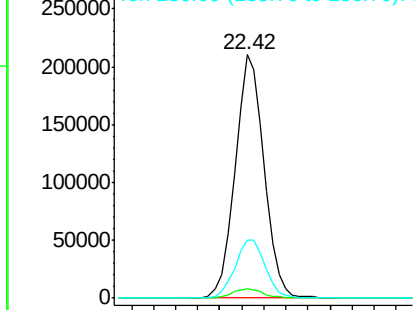


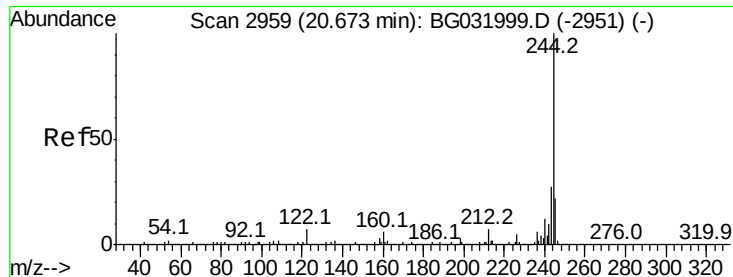
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3257
Delta R.T. -0.02 min
Lab File: BG032238.D
Acq: 23 Jan 2018 19:10

Tgt Ion:240 Resp: 385557
Ion Ratio Lower Upper
240 100
120 3.9 6.8 10.2#
236 24.1 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: 96.456 ng

RT: 20.63 min Scan# 2952

Delta R.T. -0.02 min

Lab File: BG032238.D

Acq: 23 Jan 2018 19:10

Instrument :

BNA_G

ClientSampleId :

MANHOLE

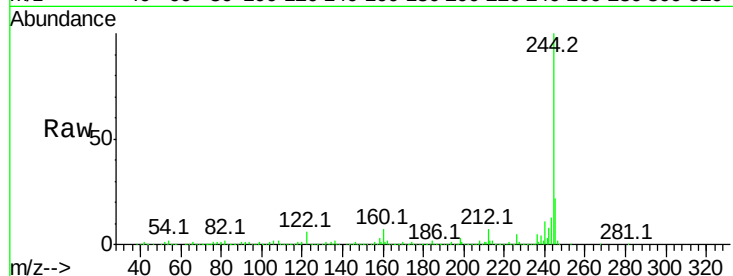
Tot Ion:244 Resp: 1684272

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

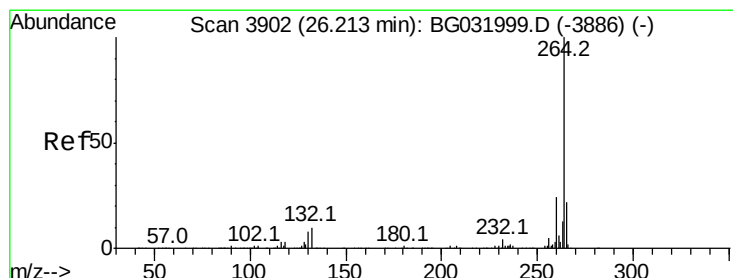
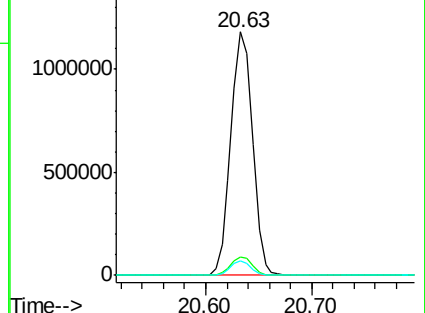
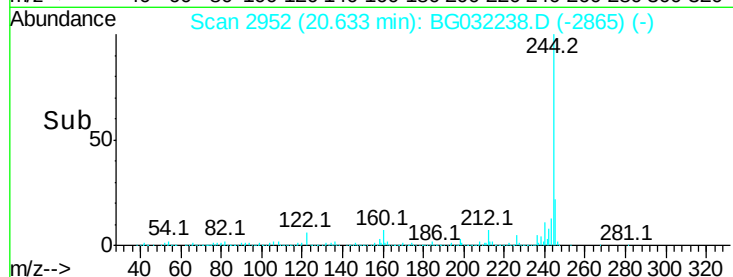
122 5.8 7.0 10.4#



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: 26.12 min Scan# 3886

Delta R.T. -0.03 min

Lab File: BG032238.D

Acq: 23 Jan 2018 19:10

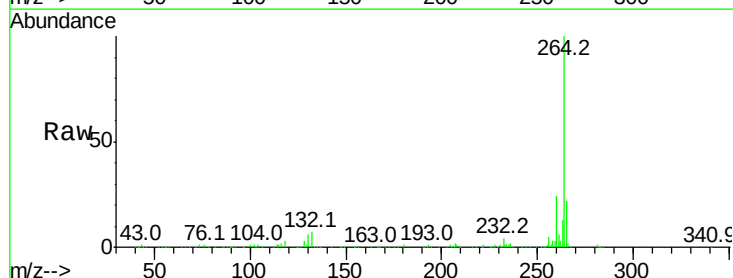
Tgt Ion:264 Resp: 414527

Ion Ratio Lower Upper

264 100

260 23.9 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

