

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011918\
 Data File : BG032161.D
 Acq On : 19 Jan 2018 20:59
 Operator : SJ/JU
 Sample : PB105788BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105788BL

Quant Time: Jan 20 00:19:26 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	8.74	152	37978	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	150021	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	102357	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	291599	20.00	ng	0.00
75) Chrysene-d12	22.44	240	410792	20.00	ng	0.00
86) Perylene-d12	26.15	264	424224	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	261820	126.09	ng	0.00
7) Phenol-d6	7.85	99	315824	120.76	ng	0.00
23) Nitrobenzene-d5	9.94	82	186991	84.33	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	215575	127.28	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	658285	79.74	ng	0.00
78) Terphenyl-d14	20.65	244	1516292	81.50	ng	0.00

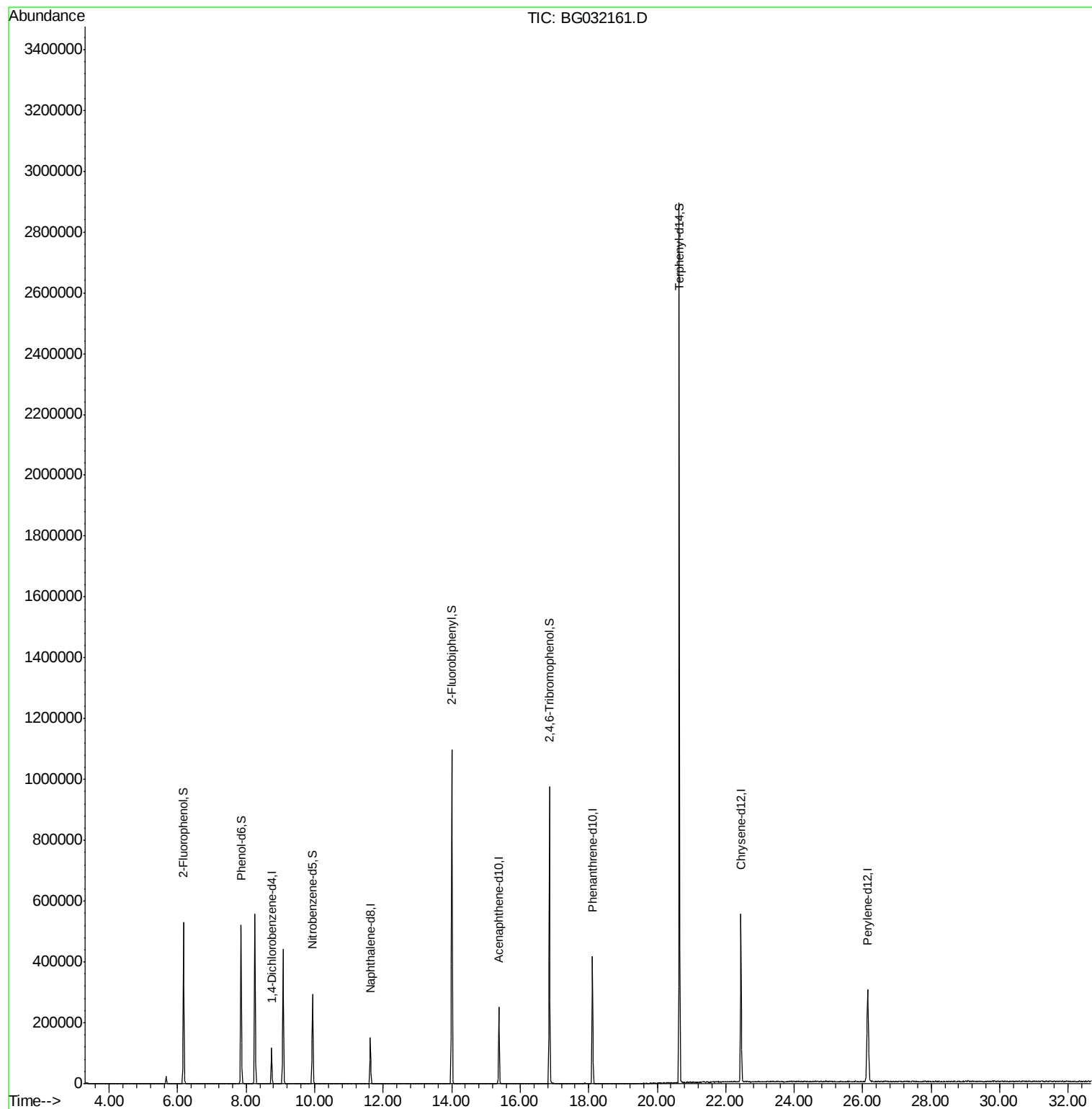
Target Compounds Qvalue

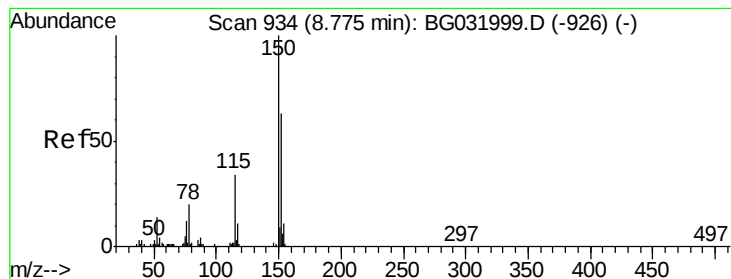
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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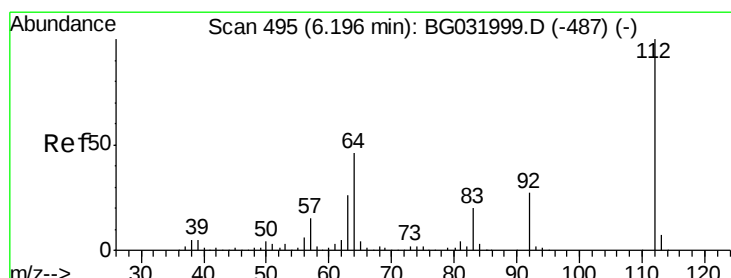
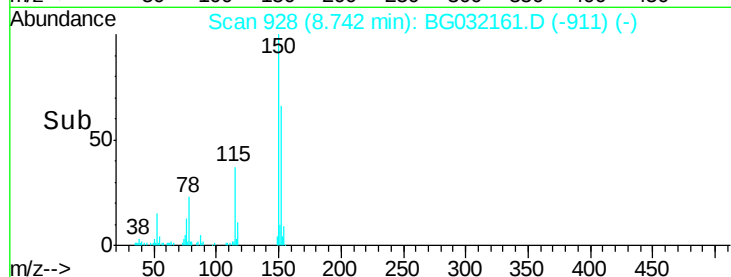
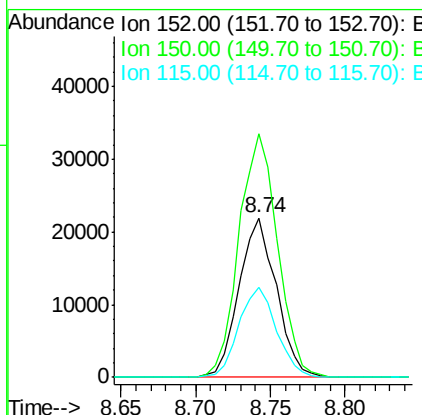
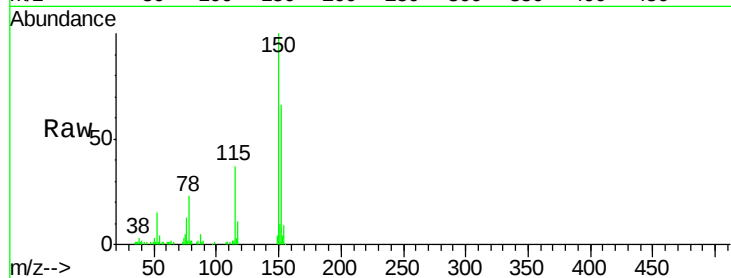


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. 0.00 min
Lab File: BG032161.D
Acq: 19 Jan 2018 20:59

Instrument :
BNA_G
ClientSampleId :
PB105788BL

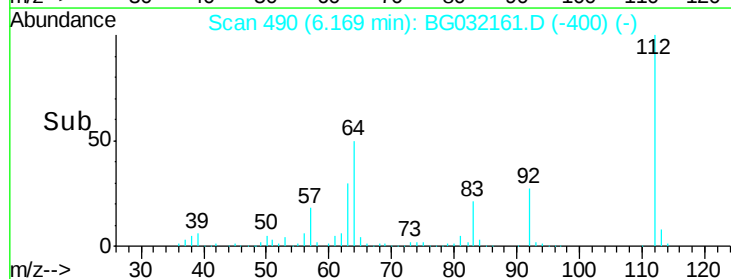
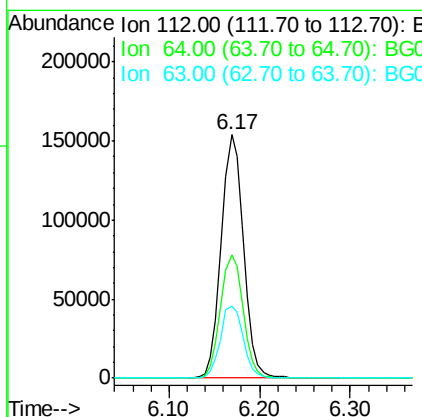
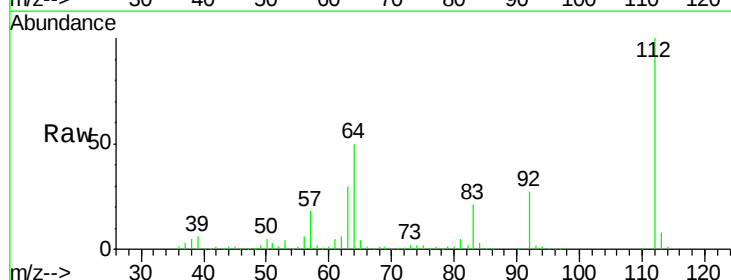
Tot Ion:152 Resp: 37978
Ion Ratio Lower Upper
152 100
150 152.6 126.6 189.8
115 56.3 53.0 79.4

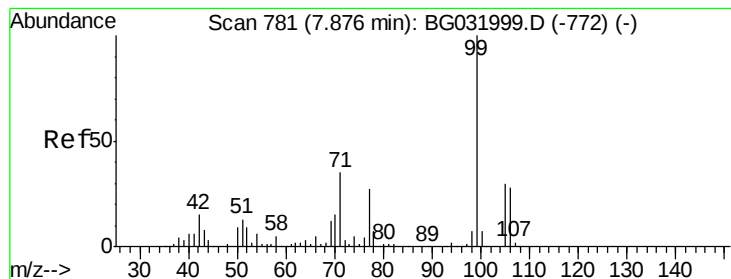


#5

2-Fluorophenol
Concen: 126.086 ng
RT: 6.17 min Scan# 490
Delta R.T. 0.00 min
Lab File: BG032161.D
Acq: 19 Jan 2018 20:59

Tgt Ion:112 Resp: 261820
Ion Ratio Lower Upper
112 100
64 50.5 56.3 84.5#
63 29.7 30.1 45.1#





#7

Phenol-d6

Concen: 120.763 ng

RT: 7.85 min Scan# 776

Delta R.T. 0.00 min

Lab File: BG032161.D

Acq: 19 Jan 2018 20:59

Instrument :

BNA_G

ClientSampleId :

PB105788BL

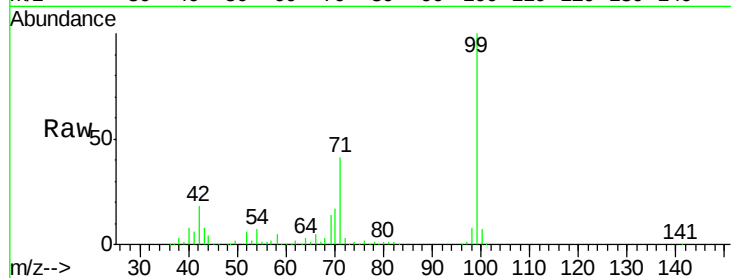
Tot Ion: 99 Resp: 315824

Ion Ratio Lower Upper

99 100

42 18.2 14.1 21.1

71 40.9 26.1 39.1#

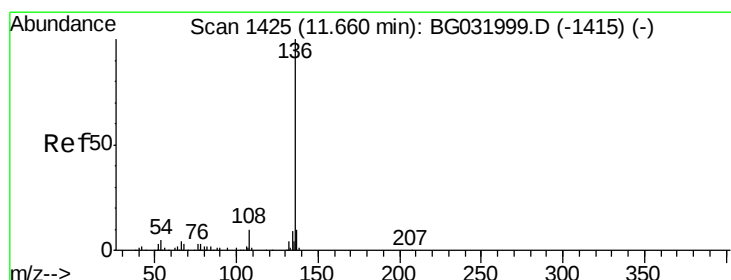
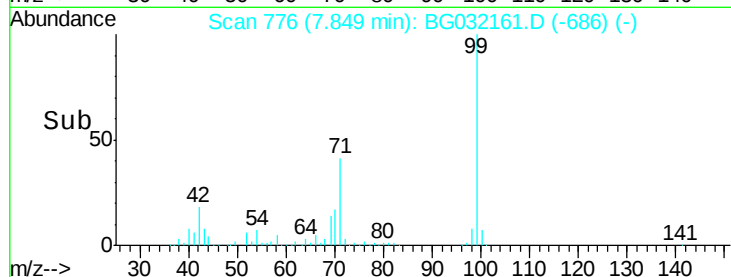
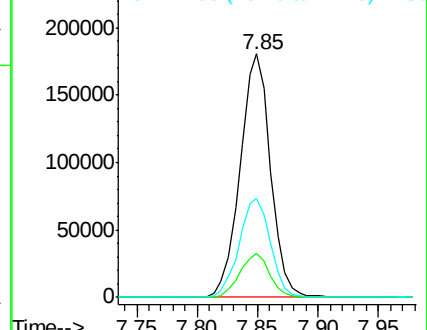


Abundance

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: 11.62 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BG032161.D

Acq: 19 Jan 2018 20:59

Tgt Ion: 136 Resp: 150021

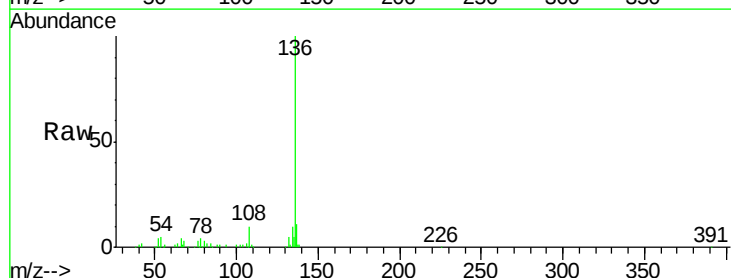
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 5.0 10.3 15.5#

68 3.3 4.5 6.7#



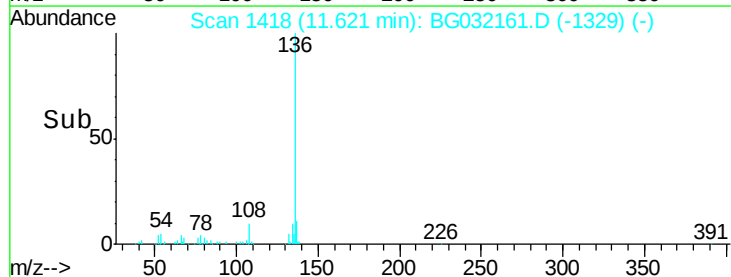
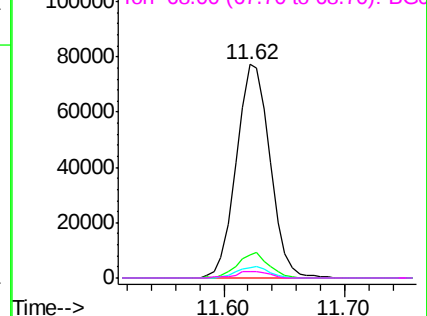
Abundance

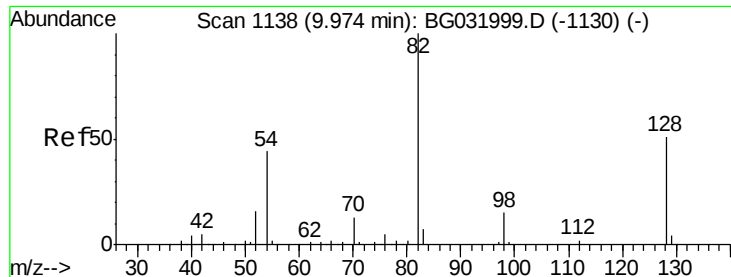
Ion 136.00 (135.70 to 136.70): BGC

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

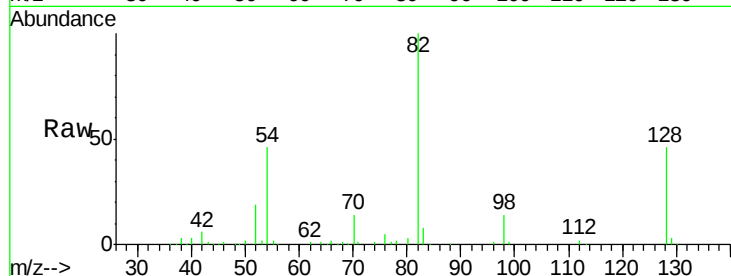




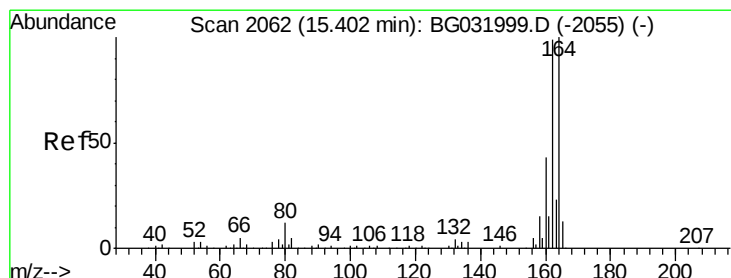
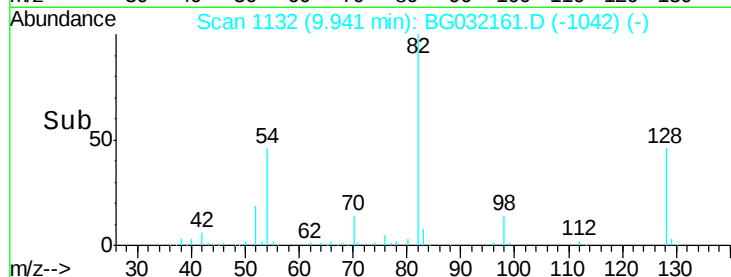
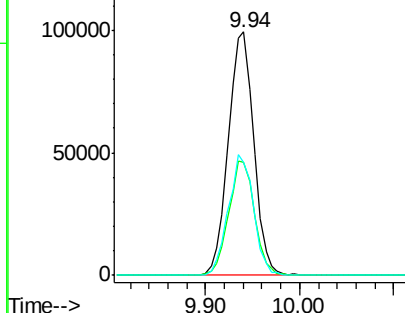
#23
 Nitrobenzene-d5
 Concen: 84.326 ng
 RT: 9.94 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BG032161.D
 Acq: 19 Jan 2018 20:59

Instrument :
 BNA_G
 ClientSampleId :
 PB105788BL

Tot Ion: 82 Resp: 186991
 Ion Ratio Lower Upper
 82 100
 128 46.3 29.7 44.5#
 54 46.5 43.1 64.7

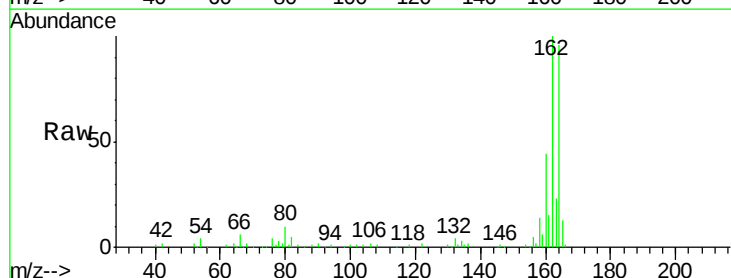


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

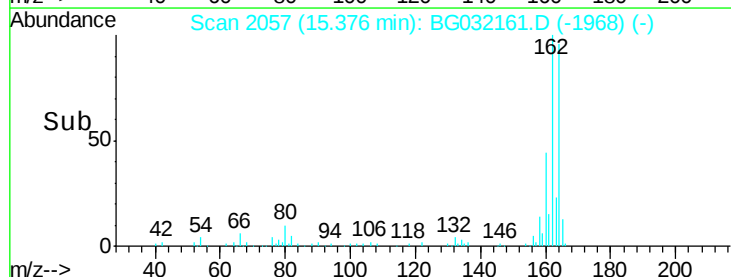
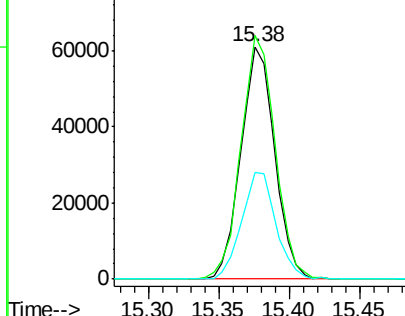


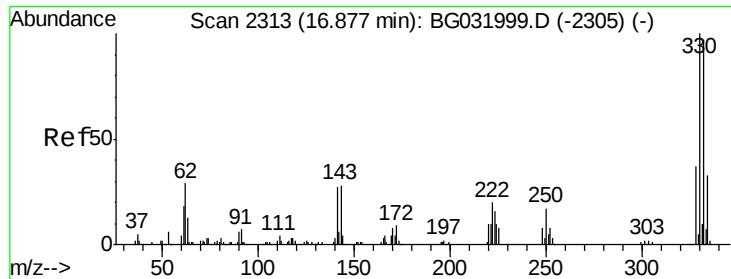
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.38 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BG032161.D
 Acq: 19 Jan 2018 20:59

Tgt Ion:164 Resp: 102357
 Ion Ratio Lower Upper
 164 100
 162 104.6 78.8 118.2
 160 45.7 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

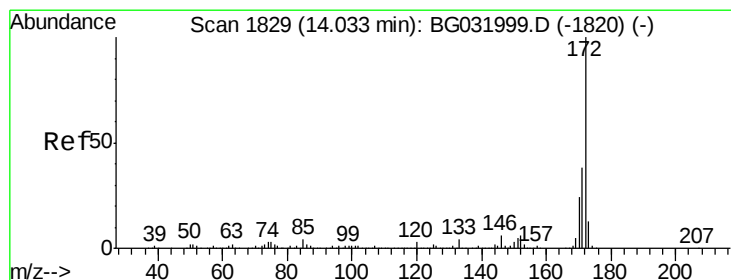
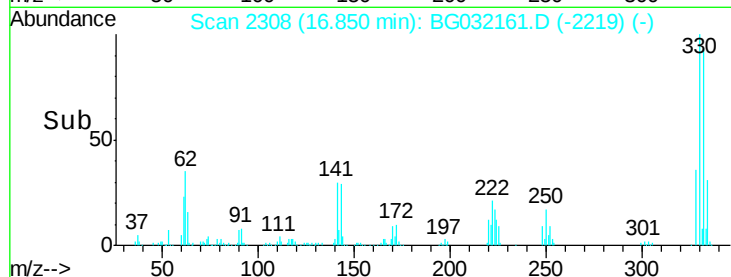
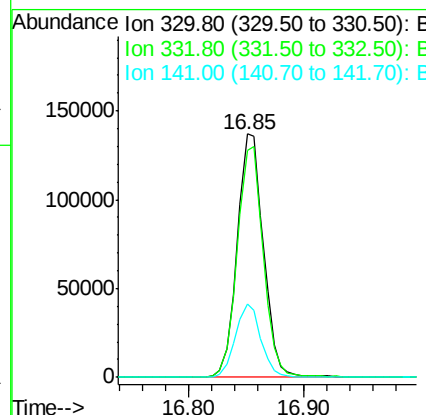
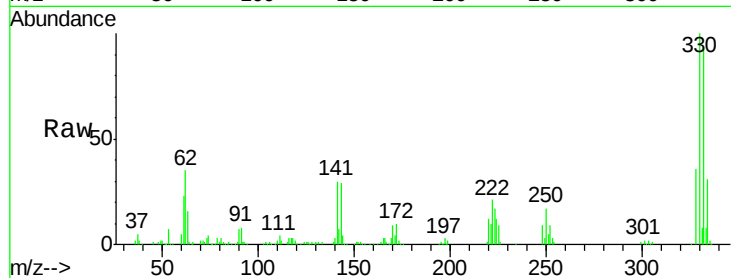




#41
 2,4,6-Tribromophenol
 Concen: 127.275 ng
 RT: 16.85 min Scan# 2308
 Delta R.T. -0.01 min
 Lab File: BG032161.D
 Acq: 19 Jan 2018 20:59

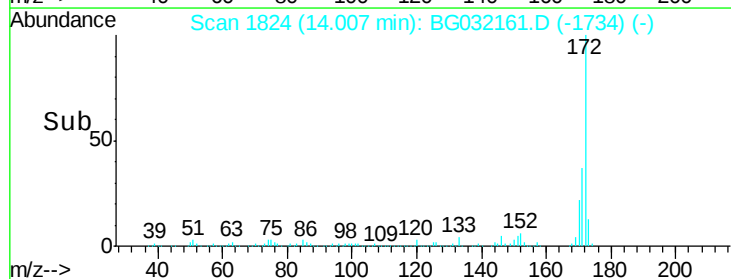
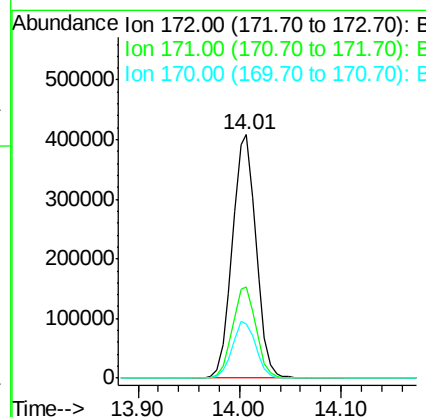
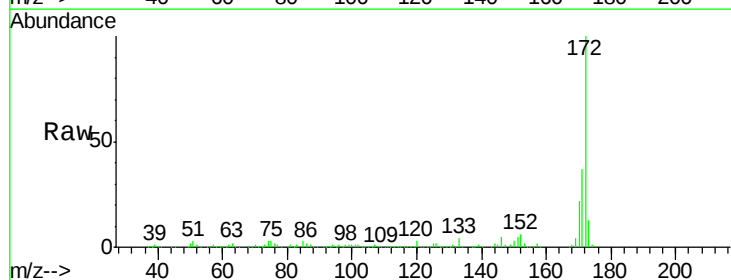
Instrument :
 BNA_G
 ClientSampleId :
 PB105788BL

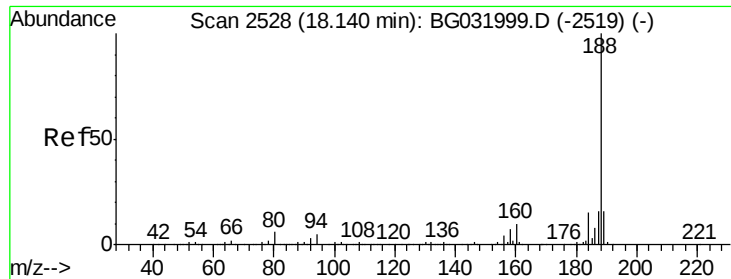
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	29.4	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 79.745 ng
 RT: 14.01 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BG032161.D
 Acq: 19 Jan 2018 20:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	22.4	19.5	29.3

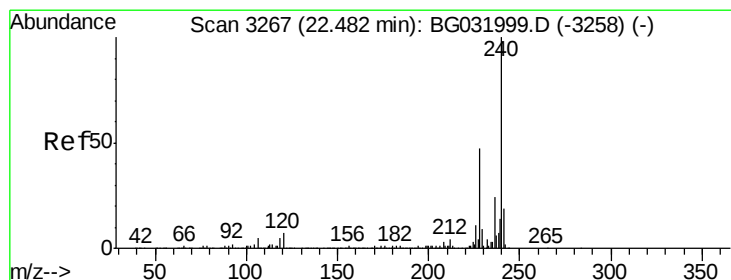
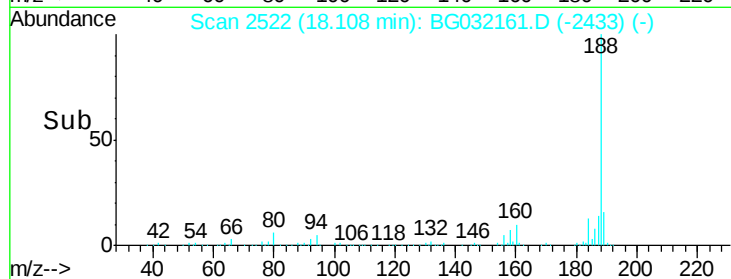
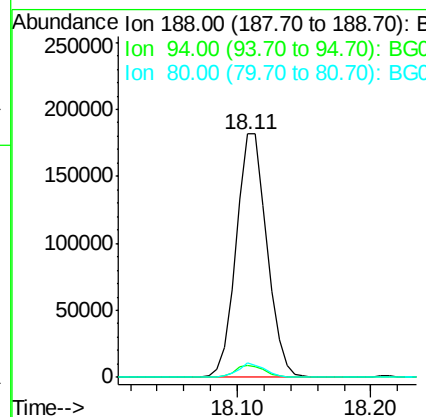
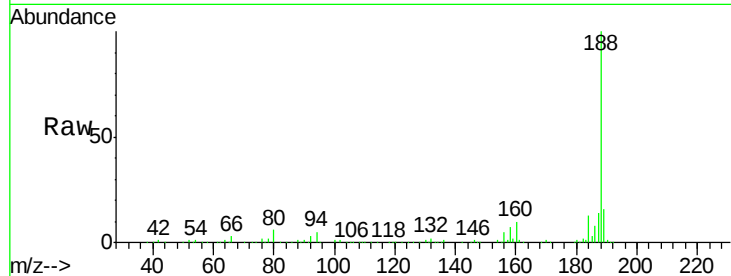




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2522
Delta R.T. -0.01 min
Lab File: BG032161.D
Acq: 19 Jan 2018 20:59

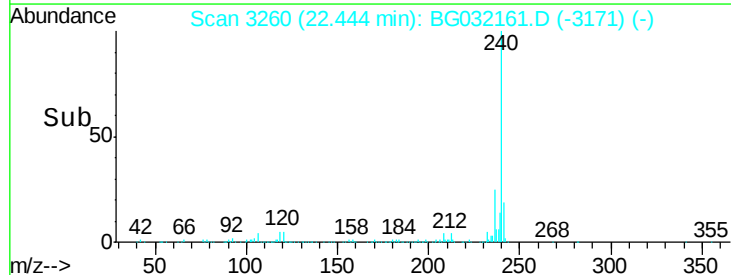
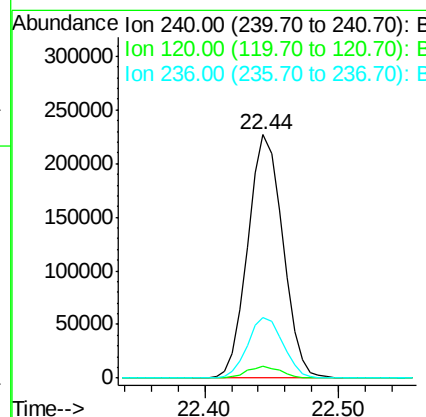
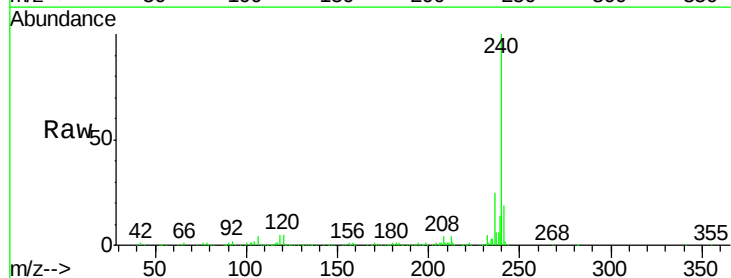
Instrument :
BNA_G
ClientSampleId :
PB105788BL

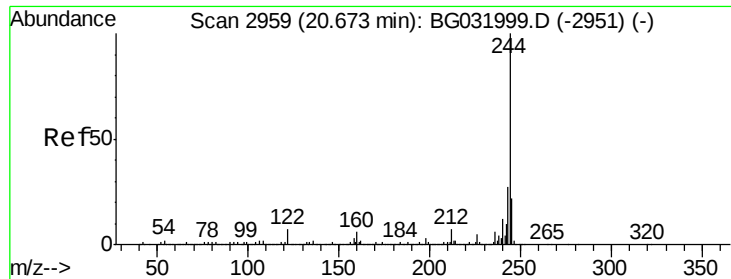
Tot Ion:188 Resp: 291599
Ion Ratio Lower Upper
188 100
94 4.9 6.9 10.3#
80 6.0 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.44 min Scan# 3260
Delta R.T. -0.01 min
Lab File: BG032161.D
Acq: 19 Jan 2018 20:59

Tgt Ion:240 Resp: 410792
Ion Ratio Lower Upper
240 100
120 4.7 6.8 10.2#
236 25.0 20.9 31.3





#78

Terphenyl-d14

Concen: 81.502 ng

RT: 20.65 min Scan# 2954

Delta R.T. -0.01 min

Lab File: BG032161.D

Acq: 19 Jan 2018 20:59

Instrument :

BNA_G

ClientSampleId :

PB105788BL

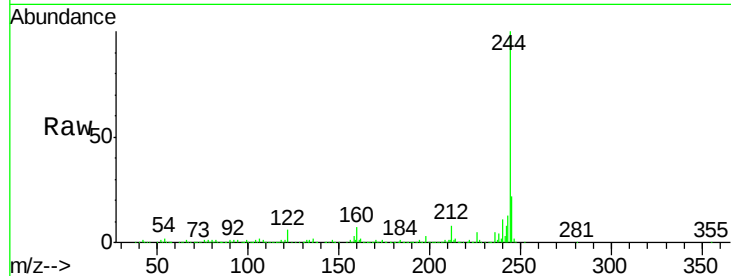
Tot Ion:244 Resp: 1516292

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

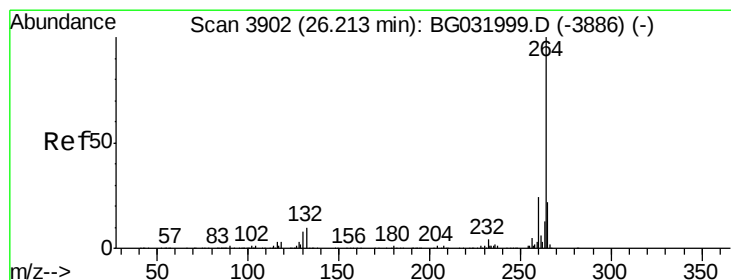
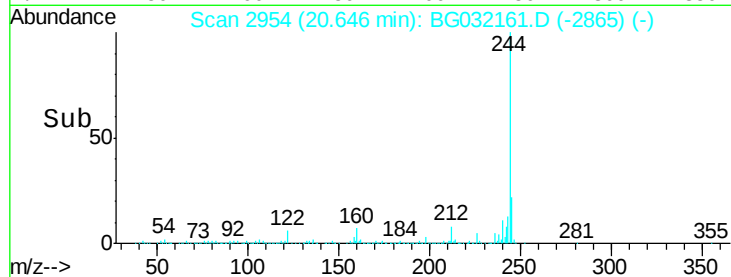
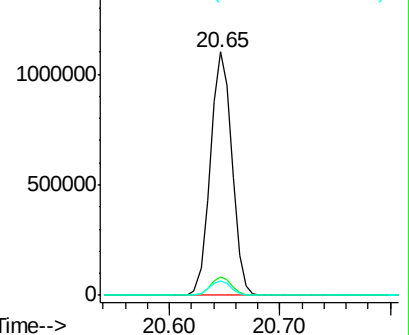
122 5.9 7.0 10.4#



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: 26.15 min Scan# 3890

Delta R.T. -0.01 min

Lab File: BG032161.D

Acq: 19 Jan 2018 20:59

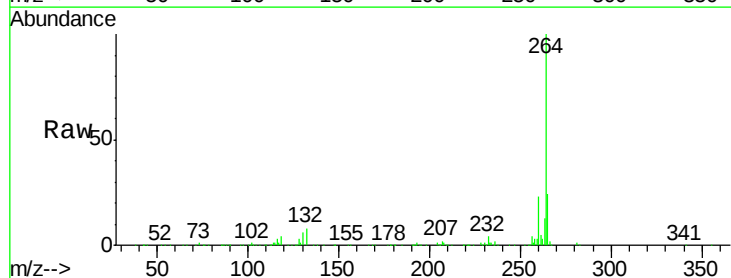
Tgt Ion:264 Resp: 424224

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 23.5 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

