

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011918\
 Data File : BG032171.D
 Acq On : 20 Jan 2018 5:07
 Operator : SJ/JU
 Sample : PB105755TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105755TB

Quant Time: Jan 20 05:59:00 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	41508	20.00	ng	0.00
21) Naphthalene-d8	11.63	136	160350	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	104099	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	297759	20.00	ng	0.00
75) Chrysene-d12	22.45	240	432770	20.00	ng	0.00
86) Perylene-d12	26.15	264	446617	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	286090	126.06	ng	0.00
7) Phenol-d6	7.85	99	341848	119.60	ng	0.00
23) Nitrobenzene-d5	9.94	82	205049	86.51	ng	0.00
41) 2,4,6-Tribromophenol	16.86	330	220812	128.19	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	697624	83.10	ng	0.00
78) Terphenyl-d14	20.65	244	1604058	81.84	ng	0.00

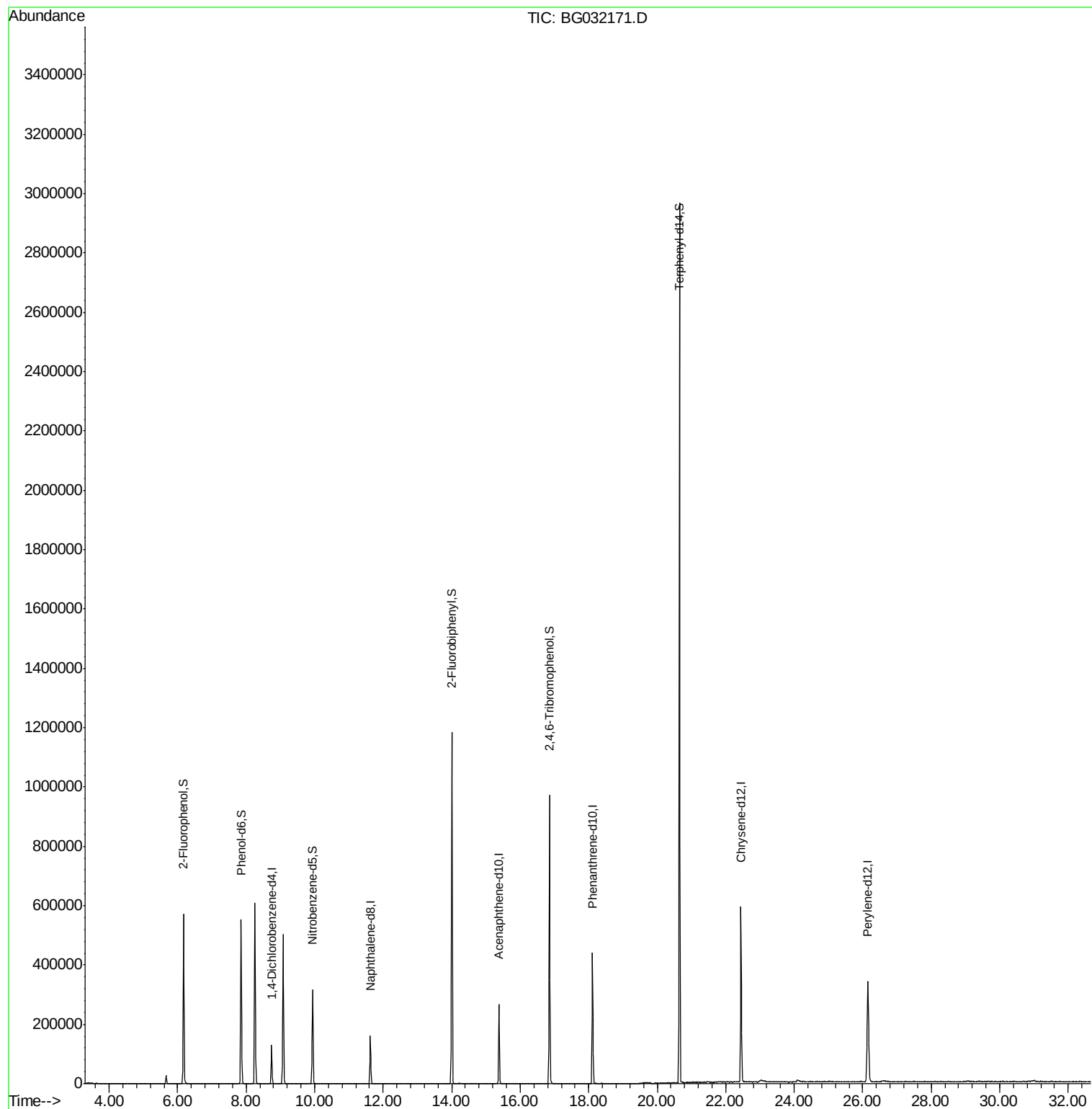
Target Compounds Qvalue

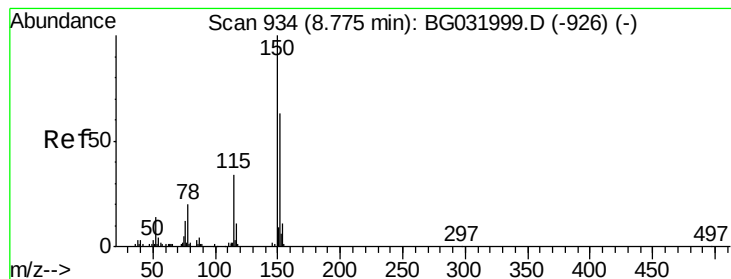
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG032171.D

Acq: 20 Jan 2018 5:07

Instrument :

BNA_G

ClientSampleId :

PB105755TB

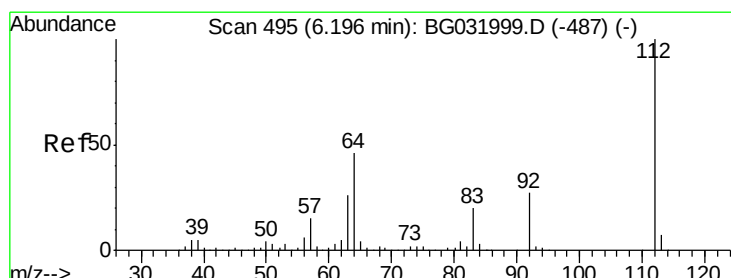
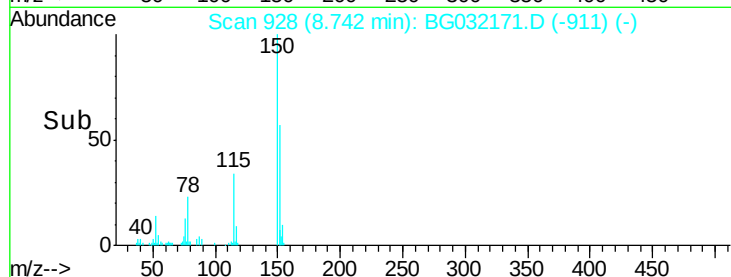
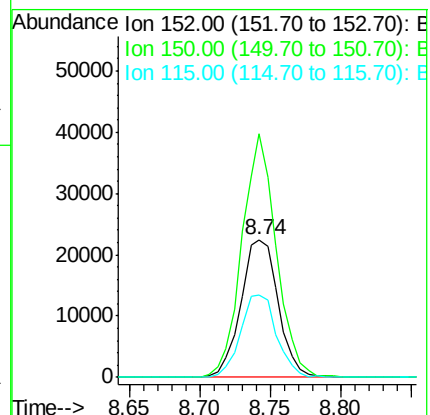
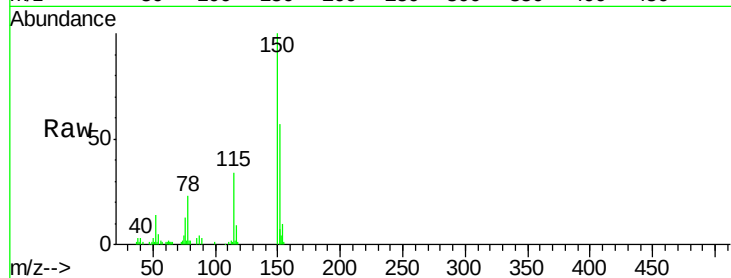
Tot Ion:152 Resp: 41508

Ion Ratio Lower Upper

152 100

150 176.7 126.6 189.8

115 59.4 53.0 79.4



#5

2-Fluorophenol

Concen: 126.057 ng

RT: 6.17 min Scan# 490

Delta R.T. 0.00 min

Lab File: BG032171.D

Acq: 20 Jan 2018 5:07

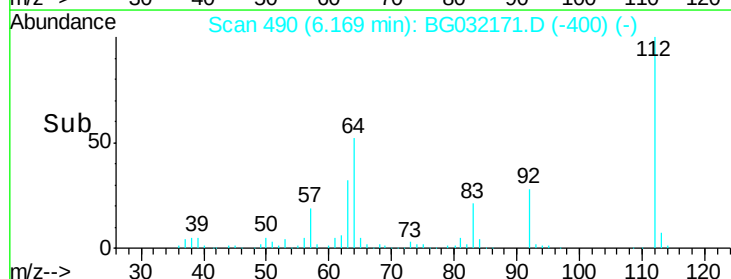
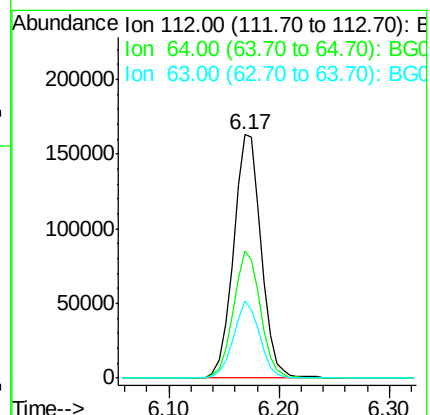
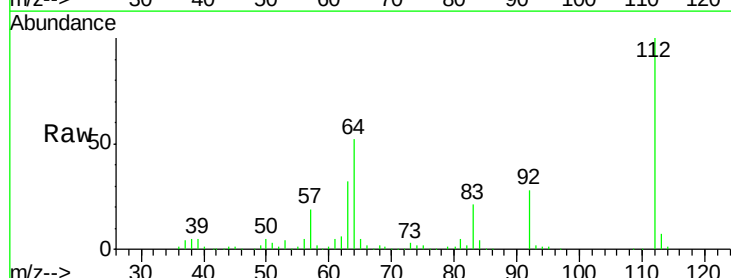
Tgt Ion:112 Resp: 286090

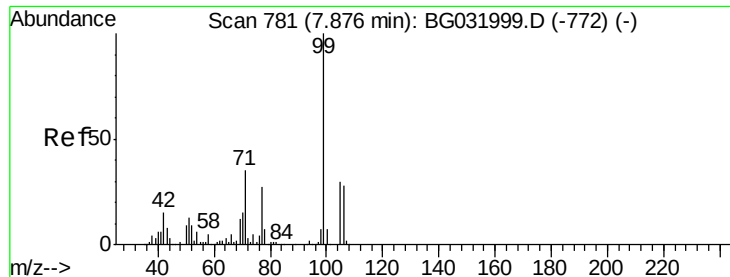
Ion Ratio Lower Upper

112 100

64 52.0 56.3 84.5#

63 31.9 30.1 45.1





#7

Phenol-d6

Concen: 119.598 ng

RT: 7.85 min Scan# 776

Delta R.T. 0.00 min

Lab File: BG032171.D

Acq: 20 Jan 2018 5:07

Instrument :

BNA_G

ClientSampleId :

PB105755TB

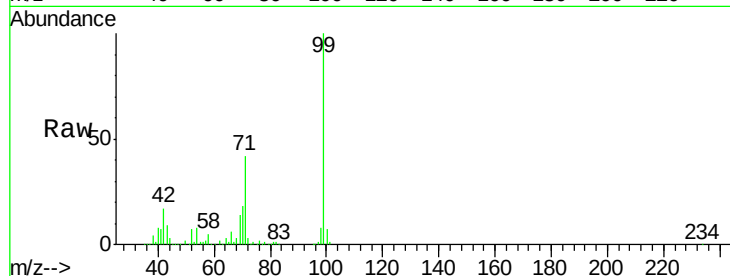
Tot Ion: 99 Resp: 341848

Ion Ratio Lower Upper

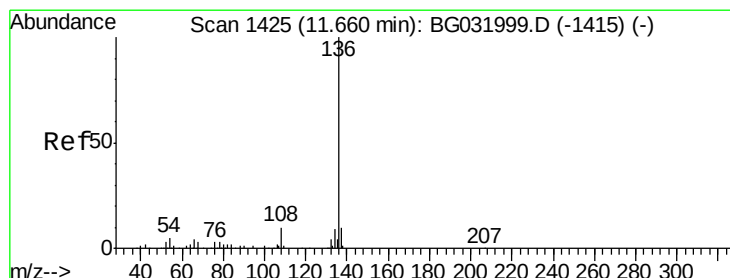
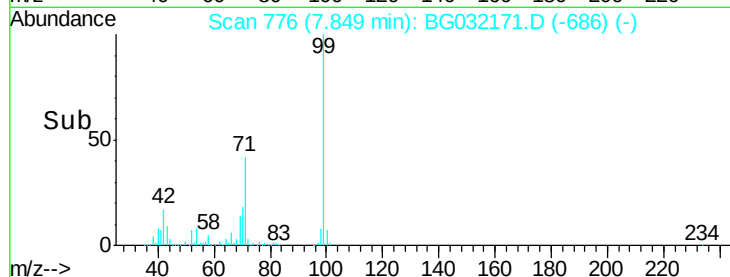
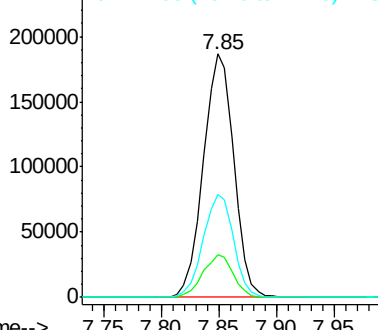
99 100

42 17.4 14.1 21.1

71 42.4 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: 11.63 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BG032171.D

Acq: 20 Jan 2018 5:07

Tgt Ion: 136 Resp: 160350

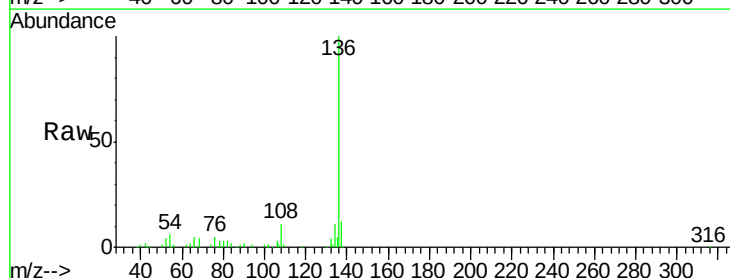
Ion Ratio Lower Upper

136 100

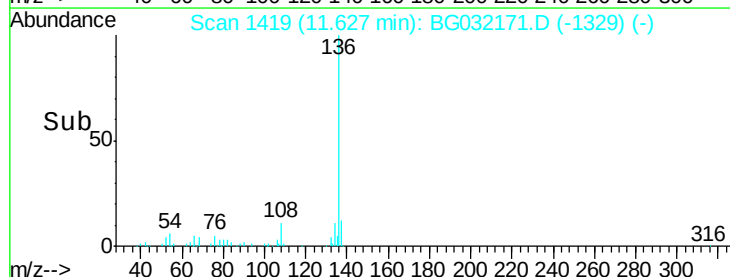
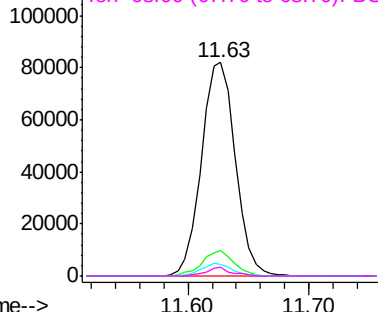
137 11.9 9.2 13.8

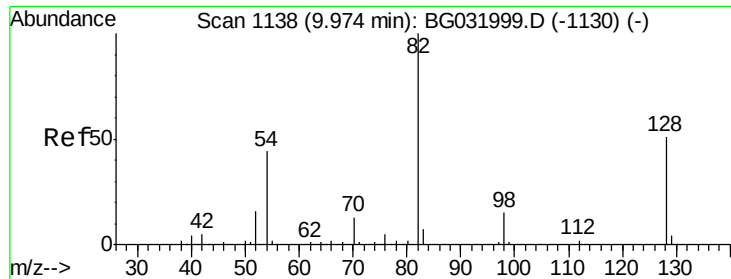
54 5.6 10.3 15.5#

68 4.4 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

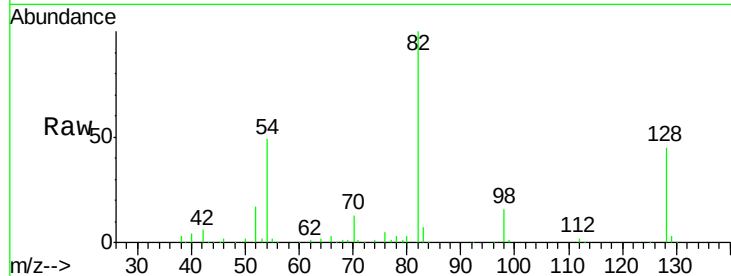




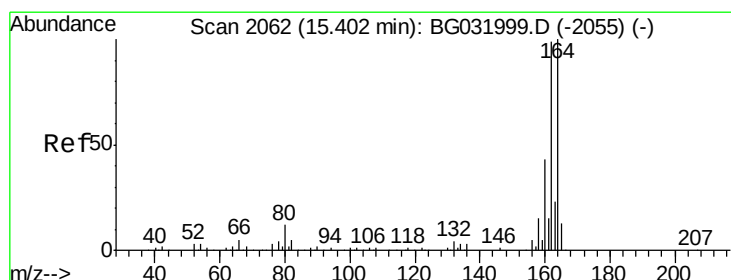
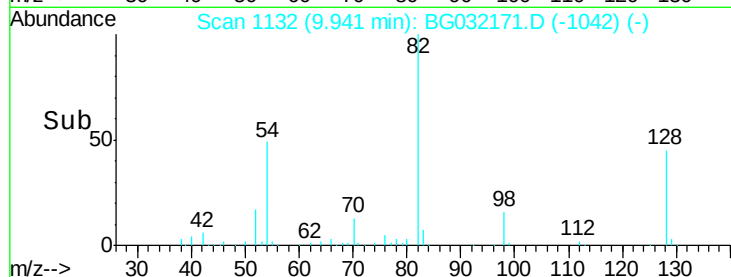
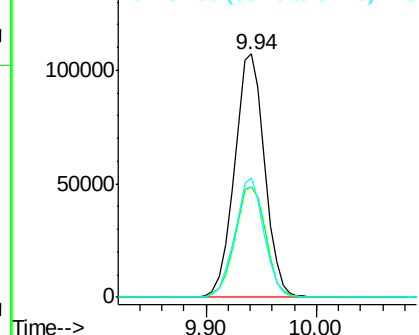
#23
 Nitrobenzene-d5
 Concen: 86.514 ng
 RT: 9.94 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BG032171.D
 Acq: 20 Jan 2018 5:07

Instrument :
 BNA_G
 ClientSampleId :
 PB105755TB

Tot Ion	82	Resp	205049
Ion Ratio	100		
Lower	29.7		
Upper	44.5		
128	45.5		
54	48.8		

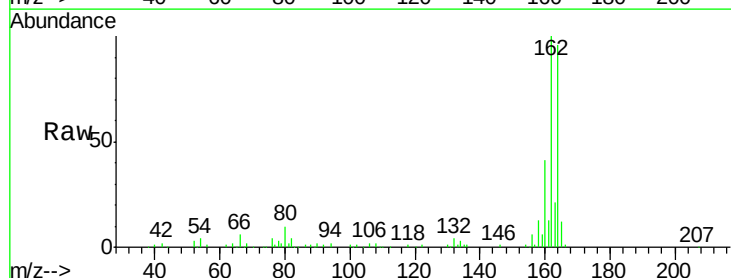


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

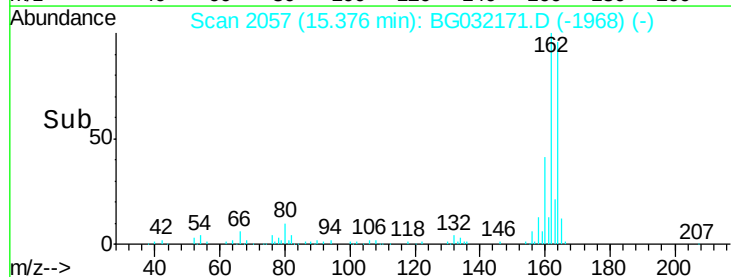
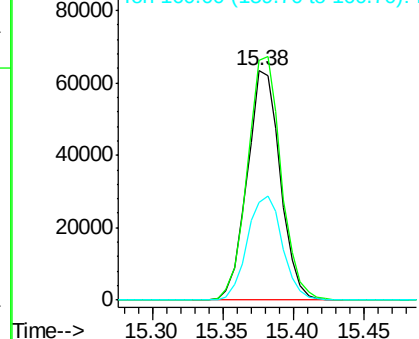


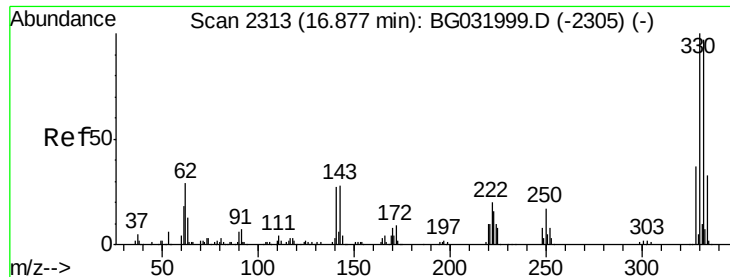
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.38 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BG032171.D
 Acq: 20 Jan 2018 5:07

Tgt Ion	164	Resp	104099
Ion Ratio	100		
Lower	78.8		
Upper	118.2		
162	104.5		
160	42.8		



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

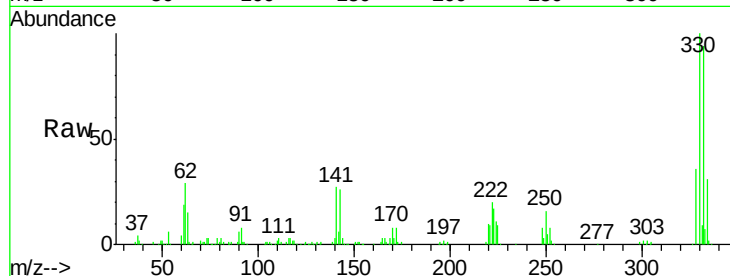




#41
 2,4,6-Tribromophenol
 Concen: 128.186 ng
 RT: 16.86 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: BG032171.D
 Acq: 20 Jan 2018 5:07

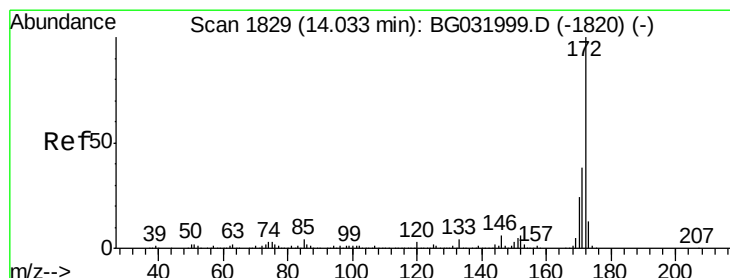
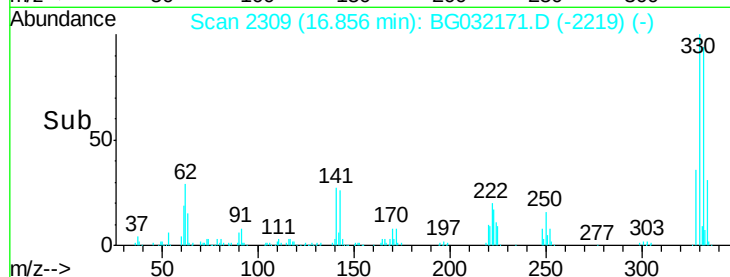
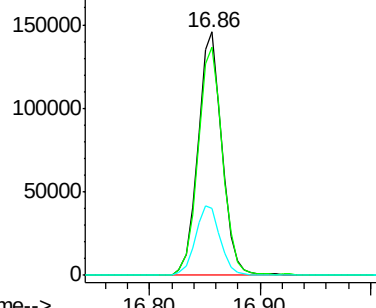
Instrument :
 BNA_G
 ClientSampleId :
 PB105755TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	29.5	25.2	37.8



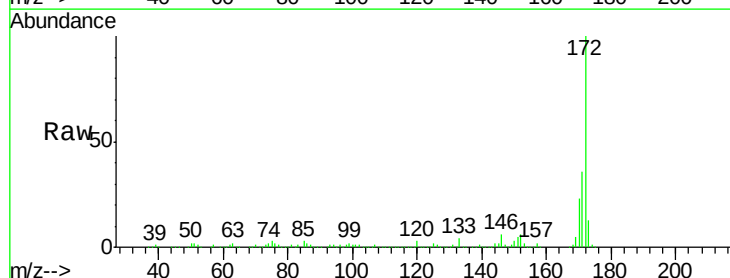
Abundance

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



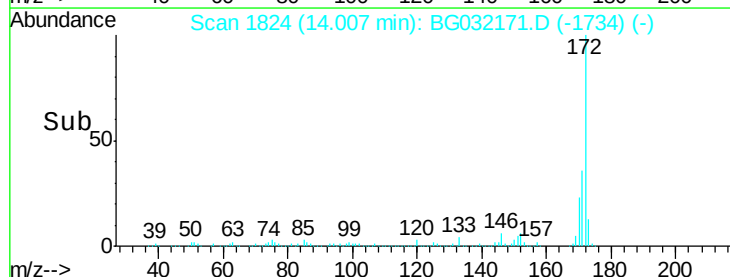
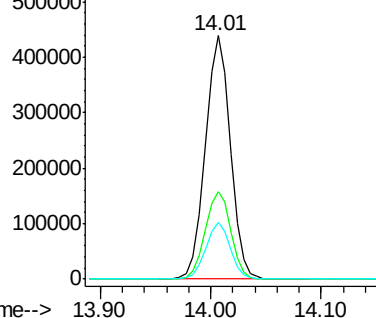
#44
 2-Fluorobiphenyl
 Concen: 83.096 ng
 RT: 14.01 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BG032171.D
 Acq: 20 Jan 2018 5:07

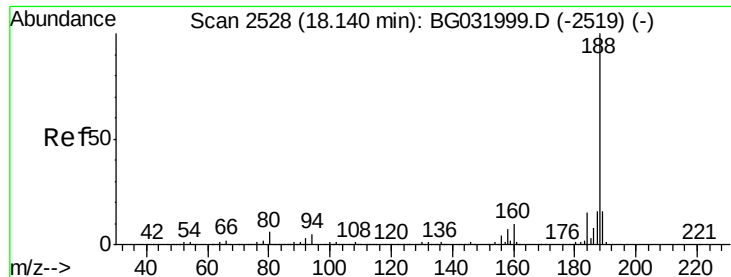
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.0	45.0
170	23.1	19.5	29.3



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

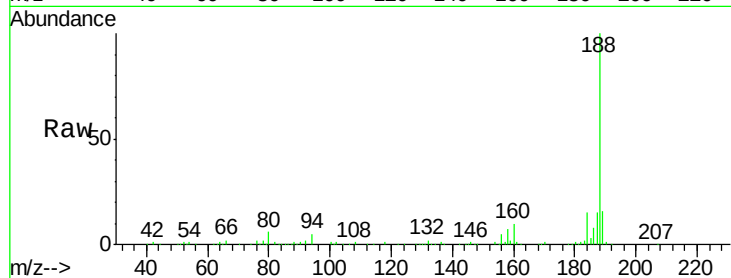




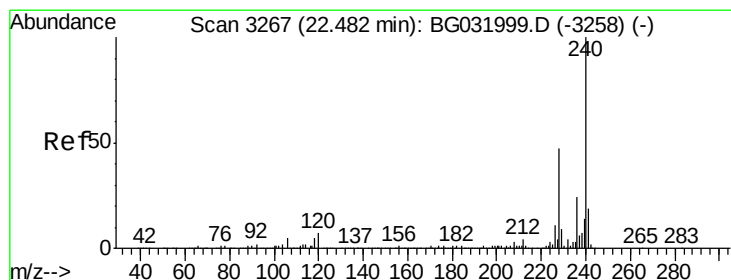
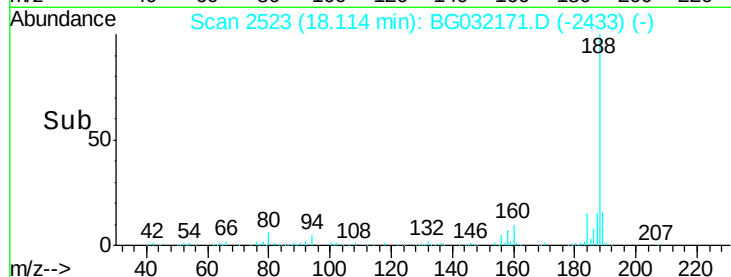
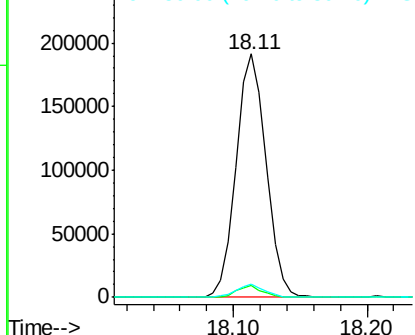
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. 0.00 min
Lab File: BG032171.D
Acq: 20 Jan 2018 5:07

Instrument :
BNA_G
ClientSampleId :
PB105755TB

Tot Ion:188 Resp: 297759
Ion Ratio Lower Upper
188 100
94 4.7 6.9 10.3#
80 5.5 7.7 11.5#

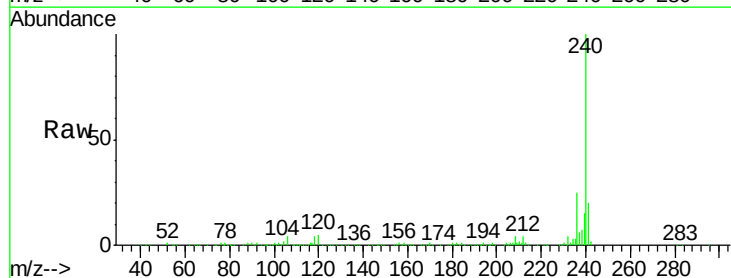


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

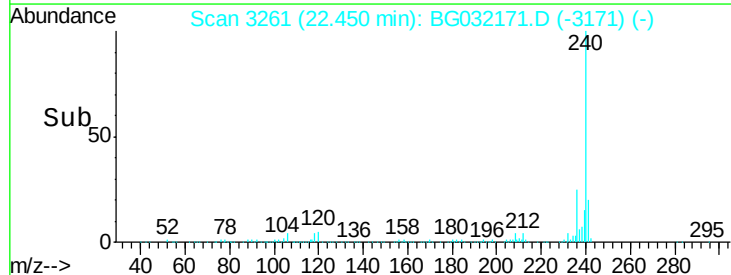
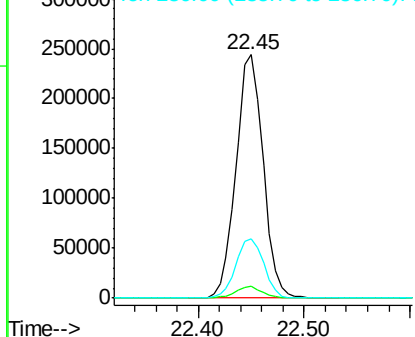


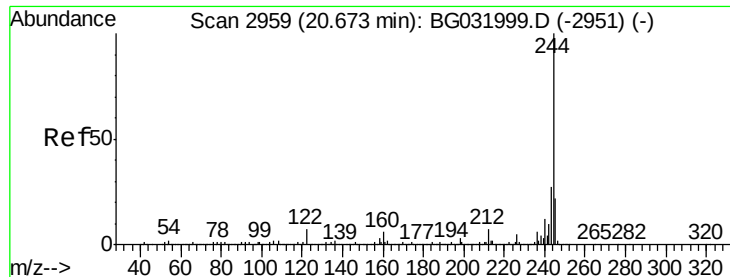
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.45 min Scan# 3261
Delta R.T. 0.00 min
Lab File: BG032171.D
Acq: 20 Jan 2018 5:07

Tgt Ion:240 Resp: 432770
Ion Ratio Lower Upper
240 100
120 4.7 6.8 10.2#
236 24.6 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: 81.841 ng

RT: 20.65 min Scan# 2955

Delta R.T. 0.00 min

Lab File: BG032171.D

Acq: 20 Jan 2018 5:07

Instrument :

BNA_G

ClientSampleId :

PB105755TB

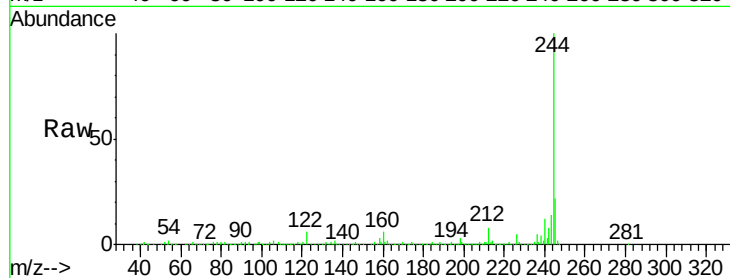
Tot Ion:244 Resp: 1604058

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

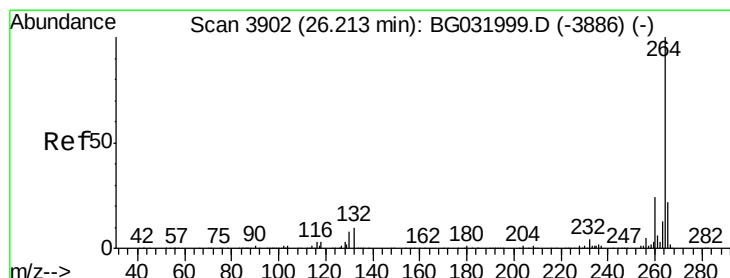
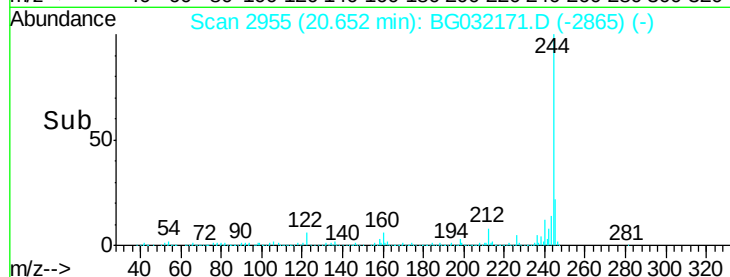
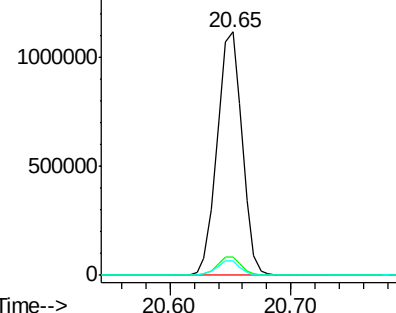
122 5.8 7.0 10.4#



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: 26.15 min Scan# 3891

Delta R.T. 0.00 min

Lab File: BG032171.D

Acq: 20 Jan 2018 5:07

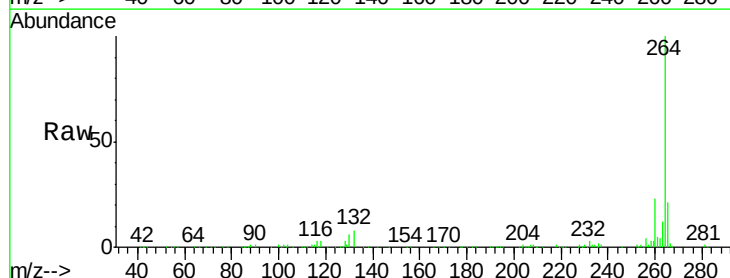
Tgt Ion:264 Resp: 446617

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 20.8 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

