

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111517\
 Data File : BG031032.D
 Acq On : 16 Nov 2017 3:47
 Operator : SJ/JU
 Sample : I6476-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1-LEFT

Quant Time: Nov 16 07:47:30 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	32992	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	130795	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	91645	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	269499	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	388232	20.00	ng	-0.02
86) Perylene-d12	25.07	264	380935	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	210327	109.32	ng	0.00
7) Phenol-d6	7.31	99	224992	86.80	ng	0.00
23) Nitrobenzene-d5	9.31	82	177637	80.48	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	226607	152.85	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	578343	90.68	ng	-0.02
78) Terphenyl-d14	20.09	244	1371185	77.99	ng	0.00

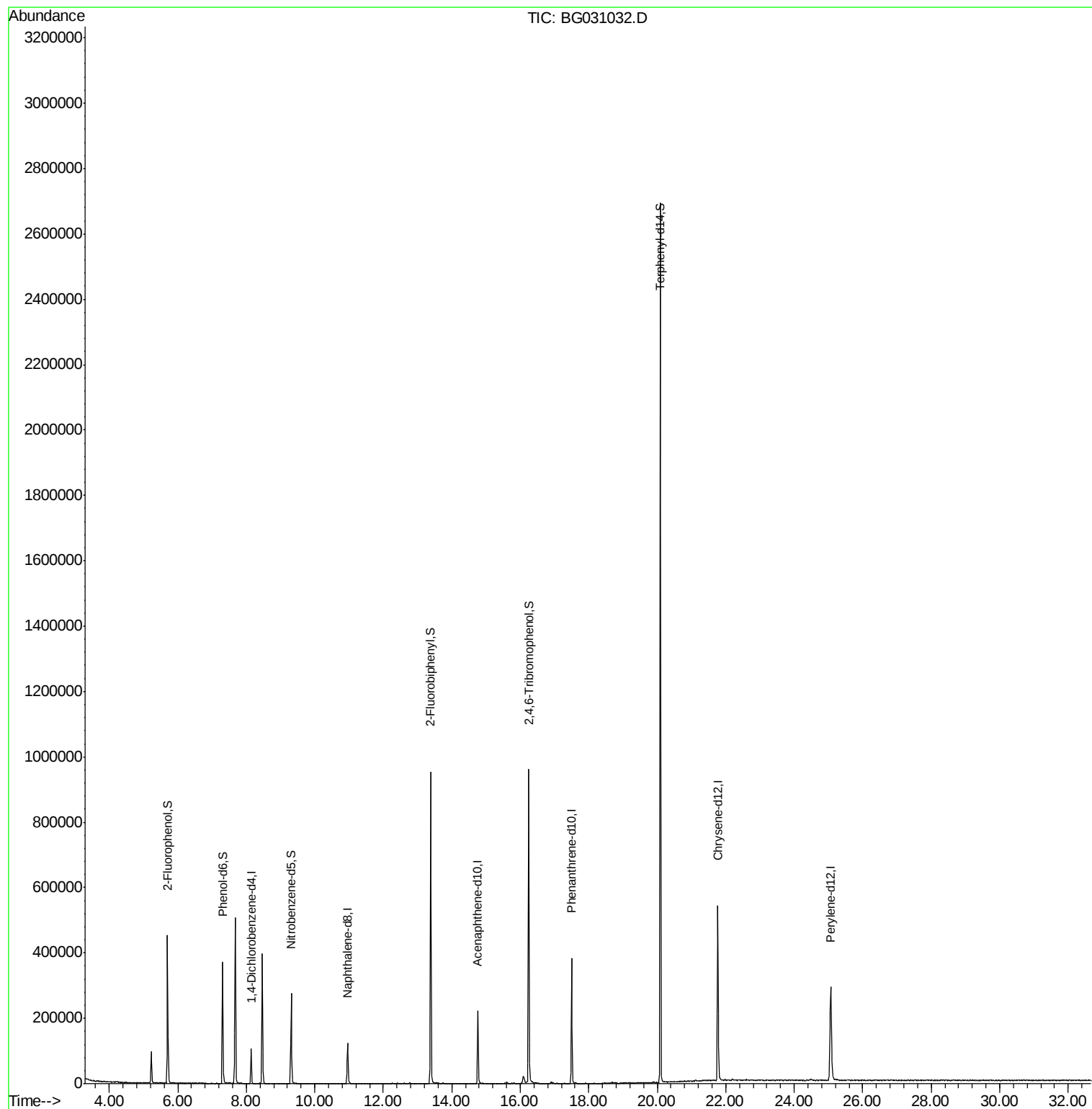
Target Compounds	Qvalue
------------------	--------

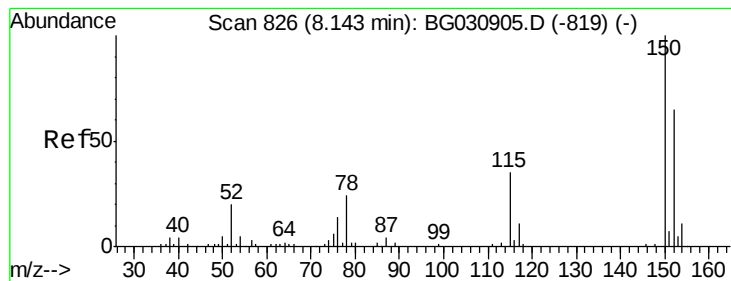
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111517\
Data File : BG031032.D
Acq On : 16 Nov 2017 3:47
Operator : SJ/JU
Sample : I6476-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-1-LEFT

Quant Time: Nov 16 07:47:30 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG031032.D

Acq: 16 Nov 2017 3:47

Instrument :

BNA_G

ClientSampleId :

SP-1-LEFT

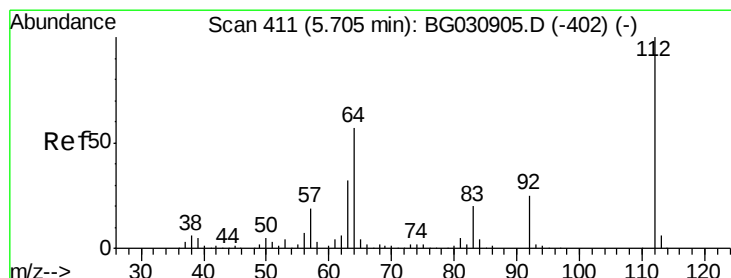
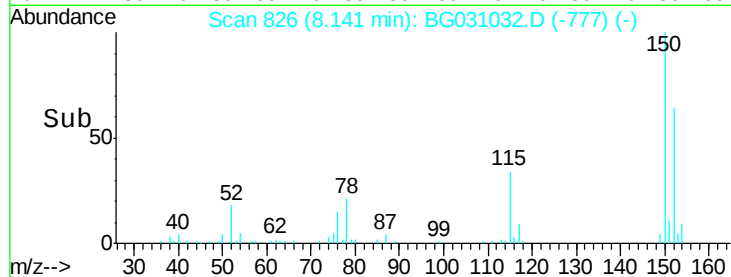
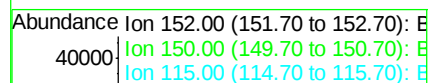
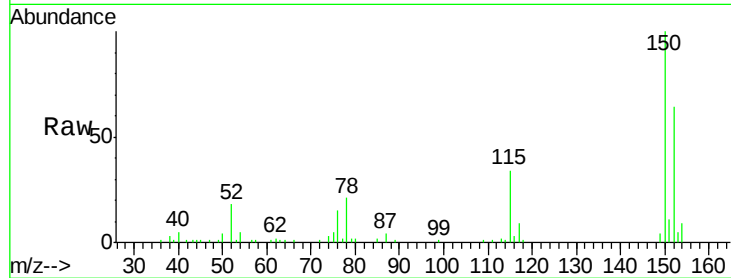
Tgt Ion:152 Resp: 32992

Ion Ratio Lower Upper

152 100

150 155.5 126.6 189.8

115 53.6 53.0 79.4



#5

2-Fluorophenol

Concen: 109.317 ng

RT: 5.70 min Scan# 411

Delta R.T. -0.01 min

Lab File: BG031032.D

Acq: 16 Nov 2017 3:47

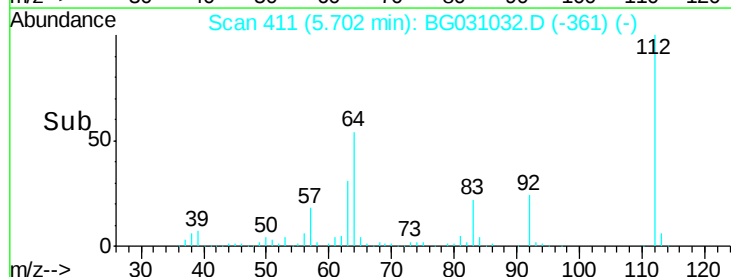
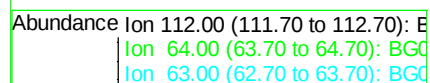
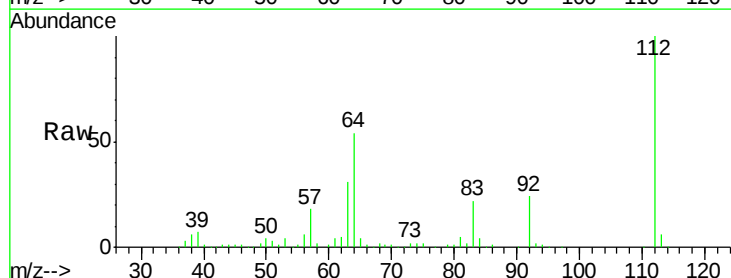
Tgt Ion:112 Resp: 210327

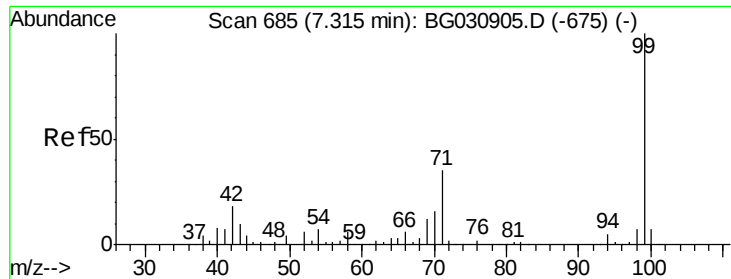
Ion Ratio Lower Upper

112 100

64 54.4 56.3 84.5#

63 30.9 30.1 45.1





#7

Phenol-d6

Concen: 86.801 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG031032.D

Acq: 16 Nov 2017 3:47

Instrument :

BNA_G

ClientSampleId :

SP-1-LEFT

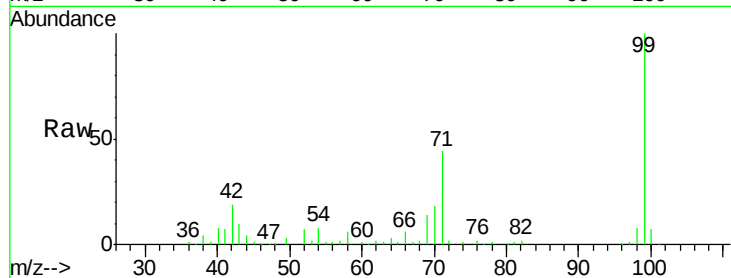
Tgt Ion: 99 Resp: 224992

Ion Ratio Lower Upper

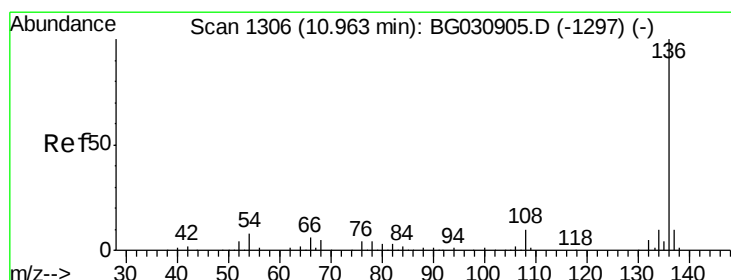
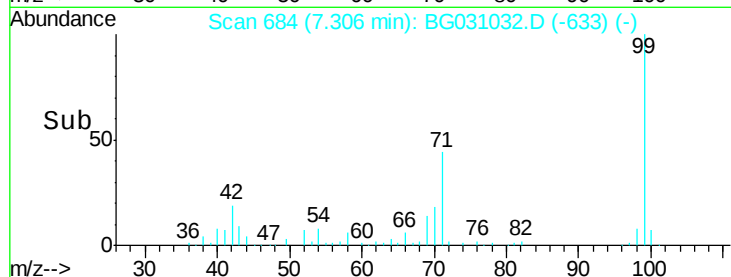
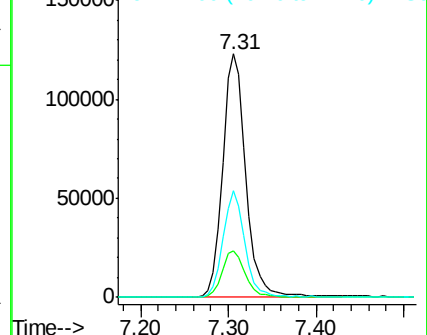
99 100

42 19.1 14.1 21.1

71 44.0 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: 10.95 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG031032.D

Acq: 16 Nov 2017 3:47

Tgt Ion: 136 Resp: 130795

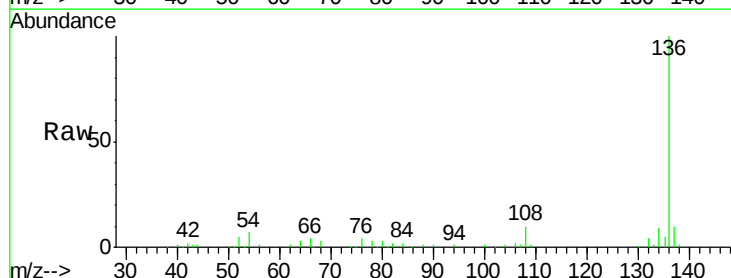
Ion Ratio Lower Upper

136 100

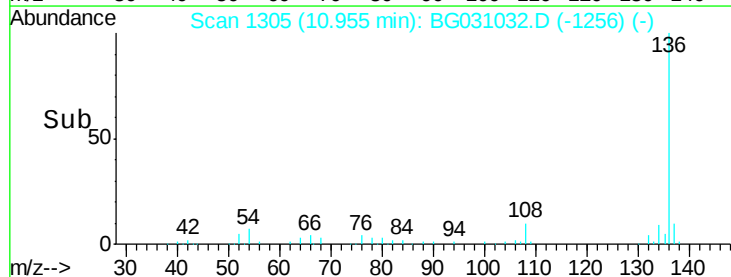
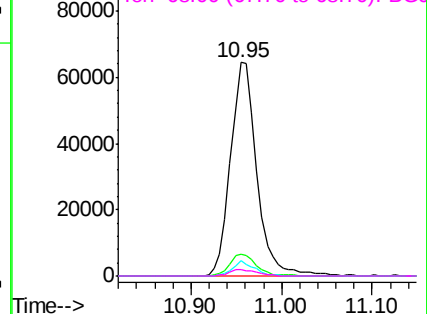
137 10.5 9.2 13.8

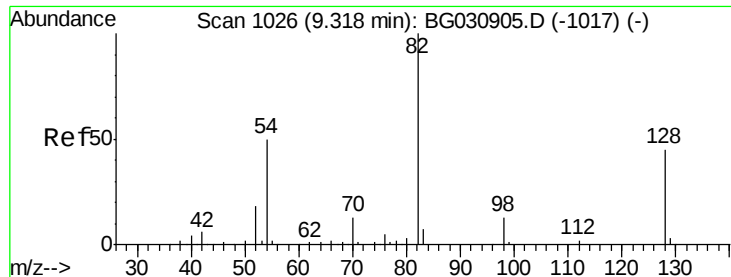
54 7.0 10.3 15.5#

68 3.2 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

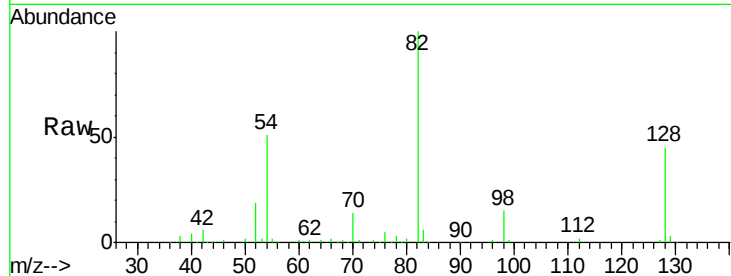




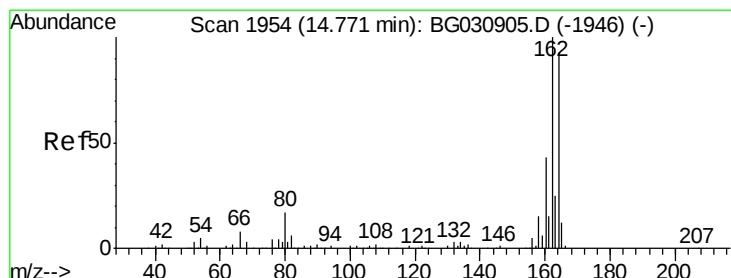
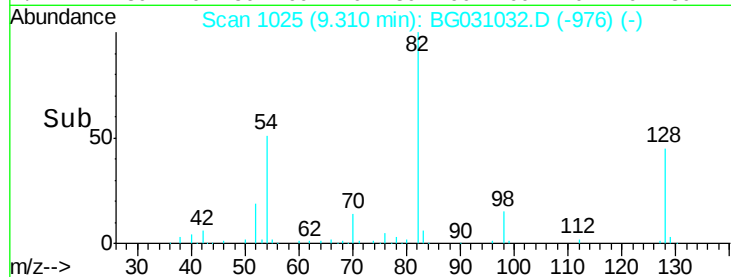
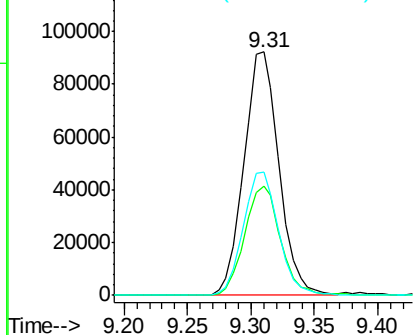
#23
Nitrobenzene-d5
Concen: 80.478 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG031032.D
Acq: 16 Nov 2017 3:47

Instrument :
BNA_G
ClientSampleId :
SP-1-LEFT

Tgt Ion: 82 Resp: 177637
Ion Ratio Lower Upper
82 100
128 45.1 29.7 44.5#
54 50.7 43.1 64.7

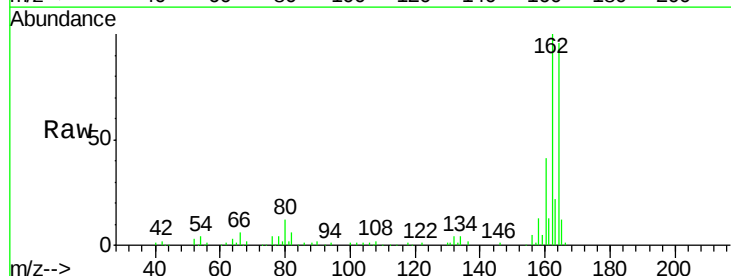


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

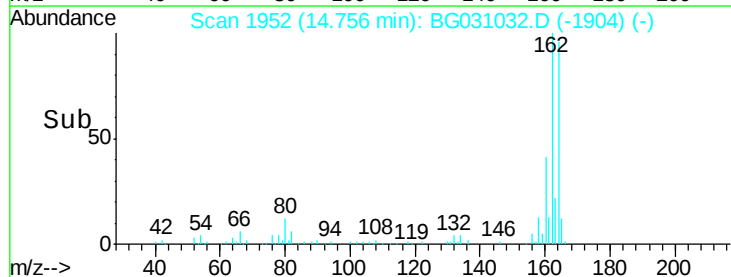
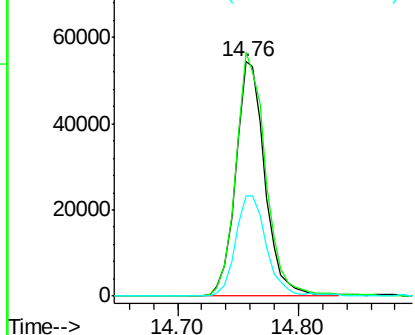


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG031032.D
Acq: 16 Nov 2017 3:47

Tgt Ion: 164 Resp: 91645
Ion Ratio Lower Upper
164 100
162 103.9 78.8 118.2
160 43.0 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

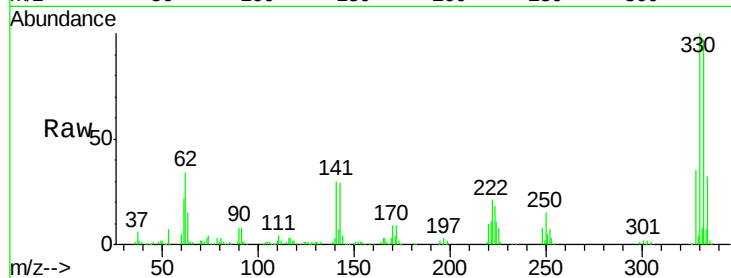




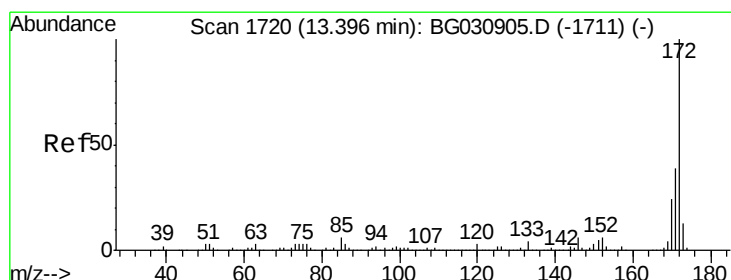
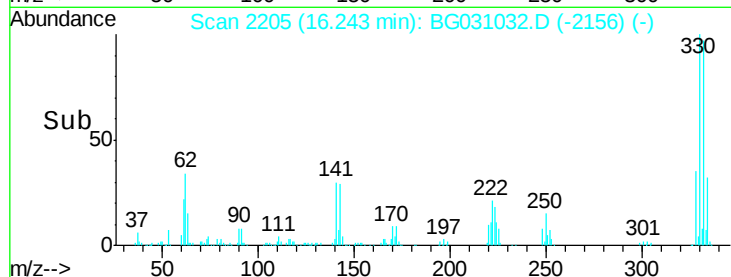
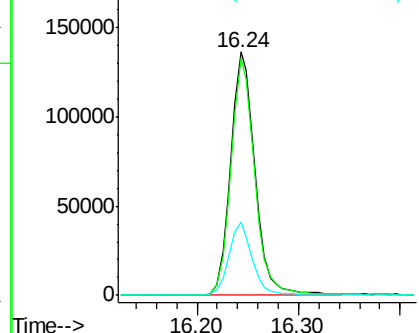
#41
 2,4,6-Tribromophenol
 Concen: 152.853 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031032.D
 Acq: 16 Nov 2017 3:47

Instrument :
 BNA_G
 ClientSampleId :
 SP-1-LEFT

Tgt Ion:330 Resp: 226607
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 28.9 25.2 37.8

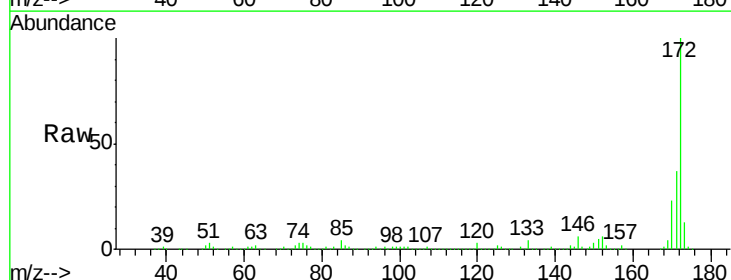


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

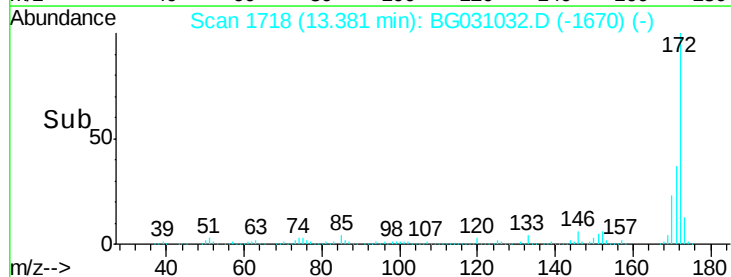
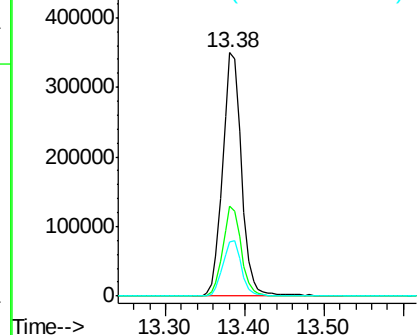


#44
 2-Fluorobiphenyl
 Concen: 90.678 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031032.D
 Acq: 16 Nov 2017 3:47

Tgt Ion:172 Resp: 578343
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 22.5 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

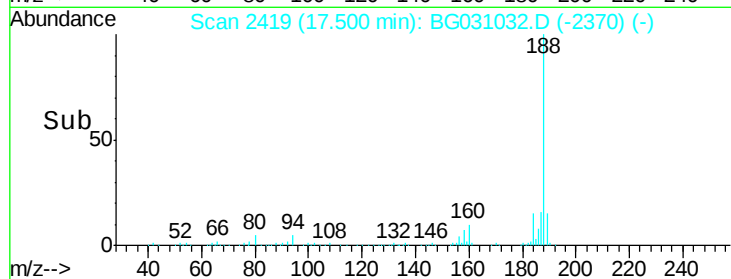
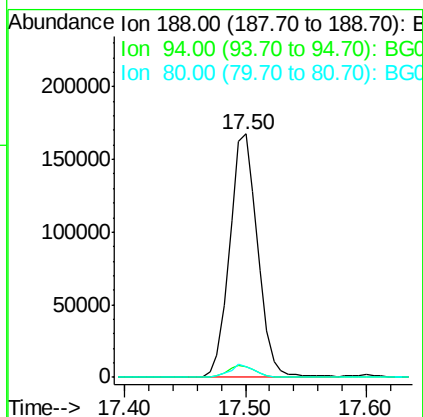
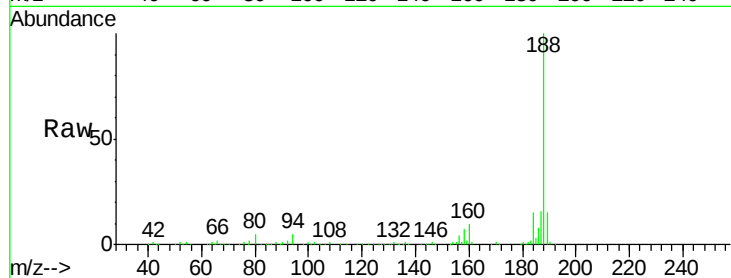




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG031032.D
Acq: 16 Nov 2017 3:47

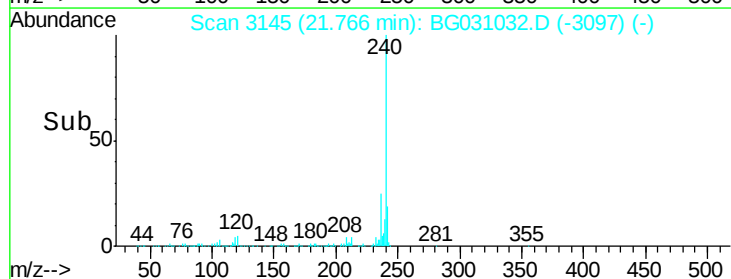
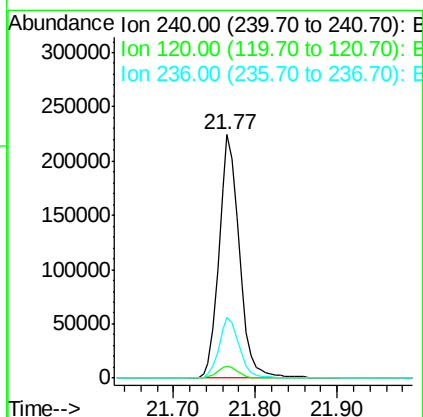
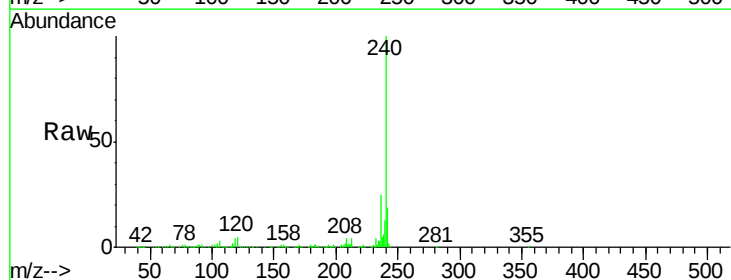
Instrument :
BNA_G
ClientSampleId :
SP-1-LEFT

Tgt Ion:188 Resp: 269499
Ion Ratio Lower Upper
188 100
94 4.5 6.9 10.3#
80 4.6 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031032.D
Acq: 16 Nov 2017 3:47

Tgt Ion:240 Resp: 388232
Ion Ratio Lower Upper
240 100
120 4.7 6.8 10.2#
236 24.6 20.9 31.3

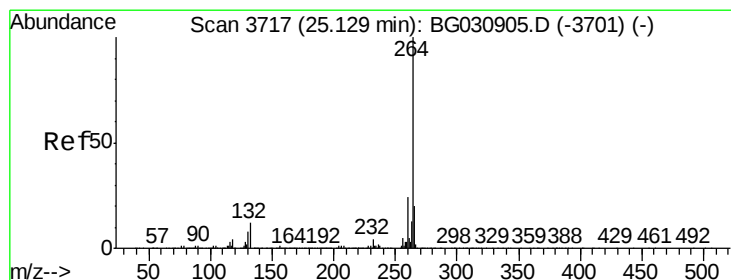
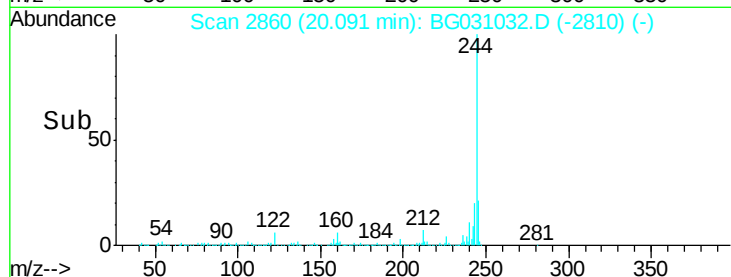
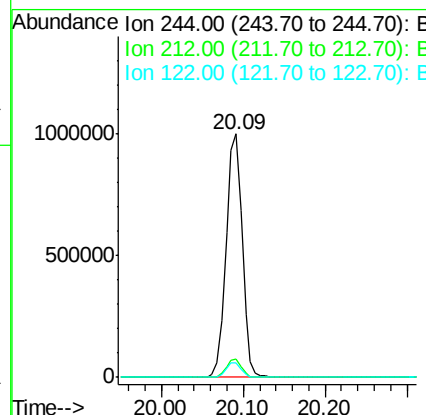
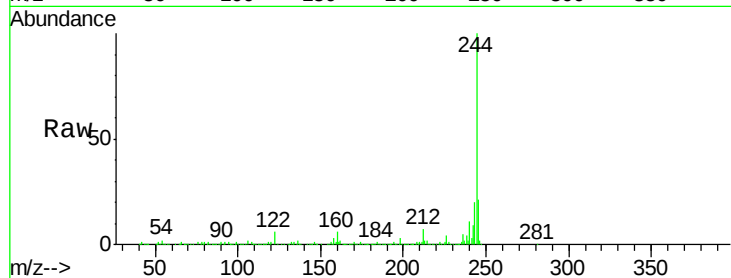




#78
 Terphenyl-d14
 Concen: 77.987 ng
 RT: 20.09 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG031032.D
 Acq: 16 Nov 2017 3:47

Instrument :
 BNA_G
 ClientSampleId :
 SP-1-LEFT

Tgt Ion:244 Resp: 1371185
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 5.8 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3707
 Delta R.T. -0.02 min
 Lab File: BG031032.D
 Acq: 16 Nov 2017 3:47

Tgt Ion:264 Resp: 380935
 Ion Ratio Lower Upper
 264 100
 260 24.1 17.4 26.0
 265 21.0 17.7 26.5

