

Data Path : Z:\HPCHEM1\BNA_G\Data\BG111317\
 Data File : BG031002.D
 Acq On : 14 Nov 2017 9:43
 Operator : SJ/JU
 Sample : PB104197TB
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104197TB

Quant Time: Nov 14 11:38:16 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	34501	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	132241	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	86222	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	253410	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	412369	20.00	ng	-0.01
86) Perylene-d12	25.07	264	403203	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	230753	114.69	ng	0.00
7) Phenol-d6	7.31	99	285499	105.33	ng	0.00
23) Nitrobenzene-d5	9.31	82	165865	74.32	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	159158	114.11	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	514440	85.73	ng	-0.02
78) Terphenyl-d14	20.09	244	1319047	70.63	ng	0.00

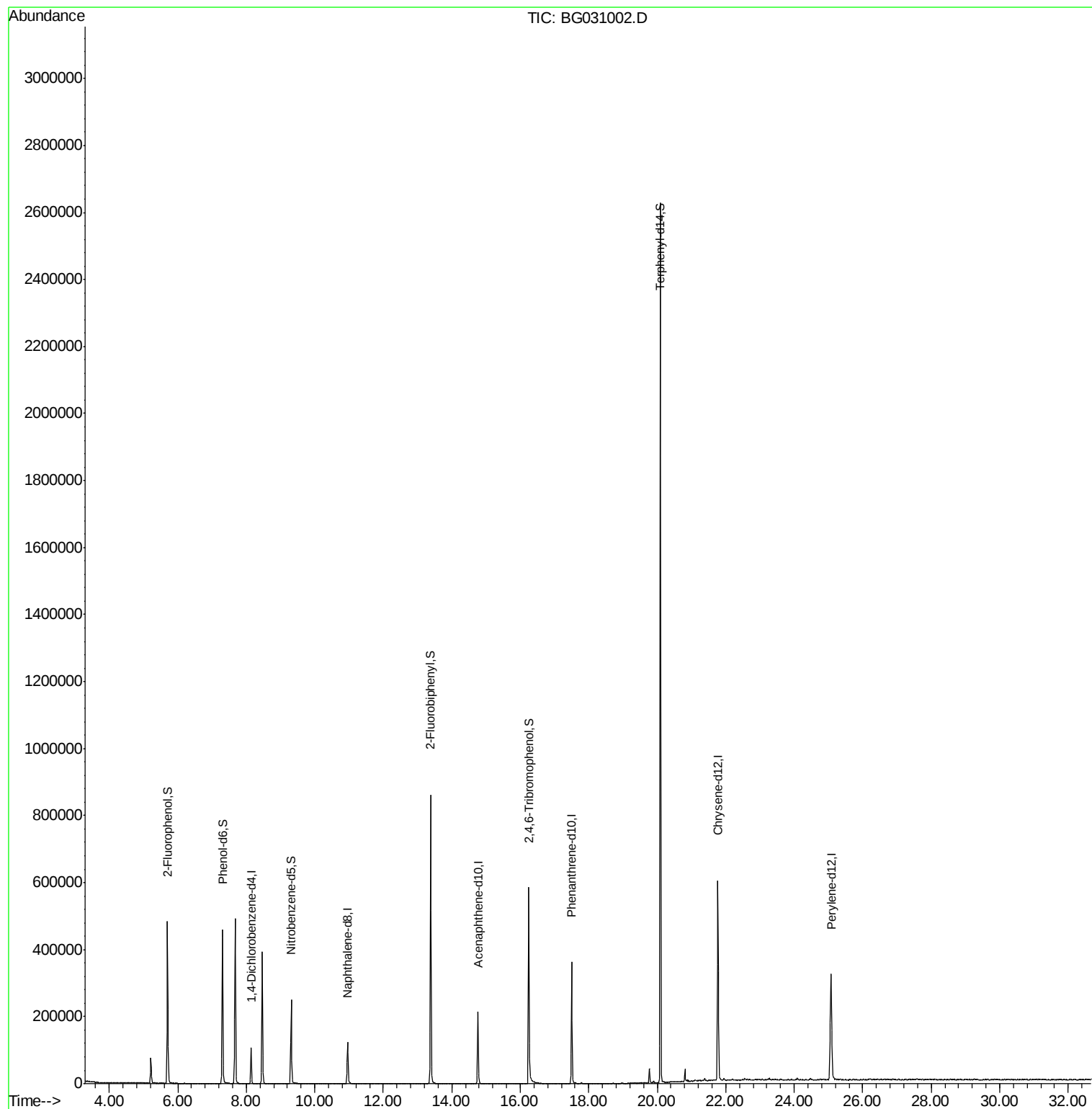
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG031002.D

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BNA_G

ClientSampleId :

PB104197TB

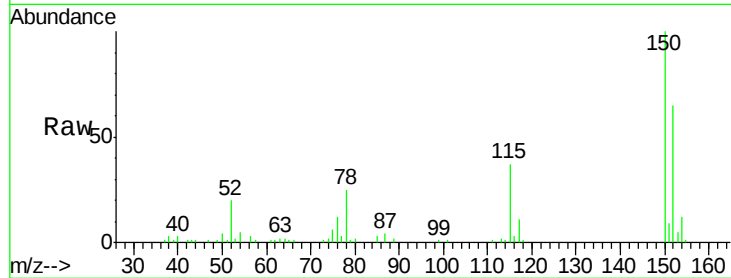
Tgt Ion:152 Resp: 34501

Ion Ratio Lower Upper

152 100

150 152.9 126.6 189.8

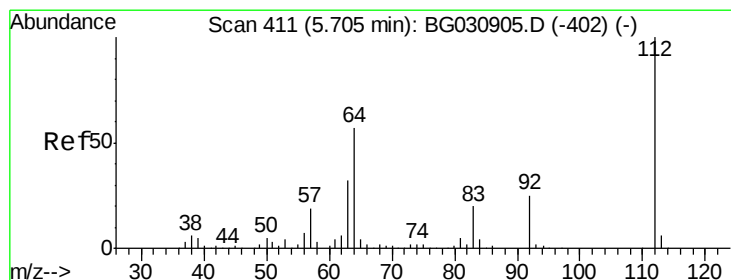
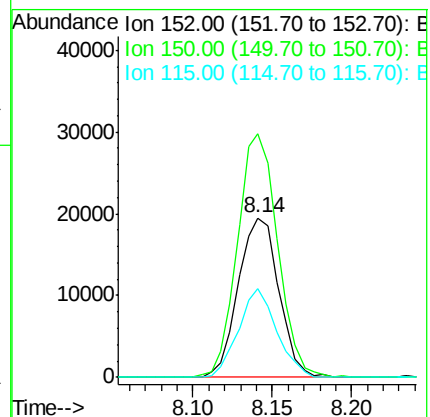
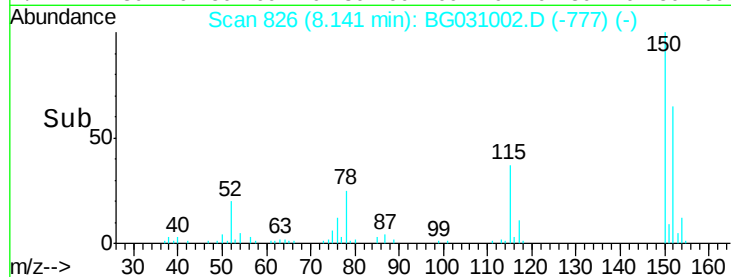
115 55.9 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 114.688 ng

RT: 5.70 min Scan# 411

Delta R.T. -0.01 min

Lab File: BG031002.D

Acq: 14 Nov 2017 9:43

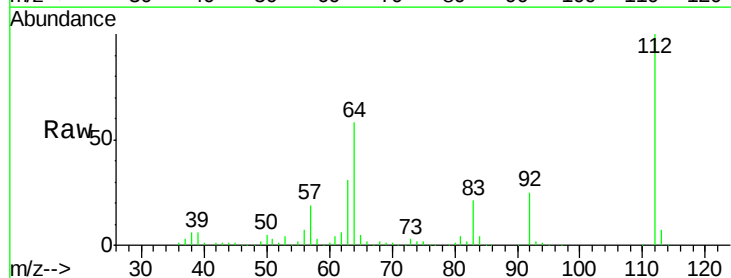
Tgt Ion:112 Resp: 230753

Ion Ratio Lower Upper

112 100

64 58.4 56.3 84.5

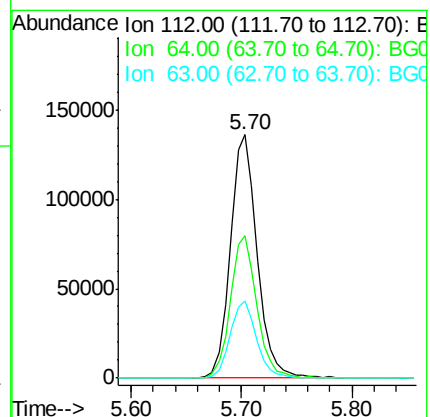
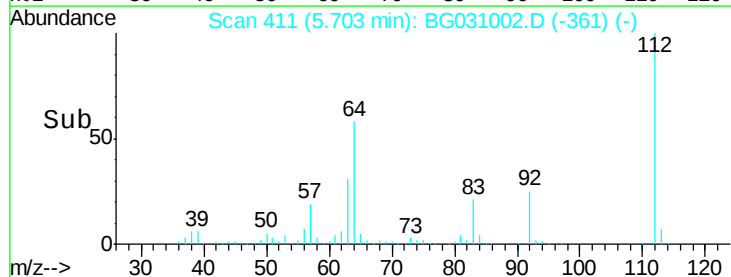
63 31.5 30.1 45.1

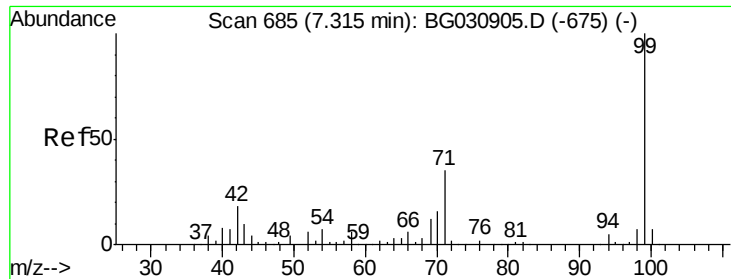


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 105.327 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG031002.D

Acq: 14 Nov 2017 9:43

Instrument :

BNA_G

ClientSampleId :

PB104197TB

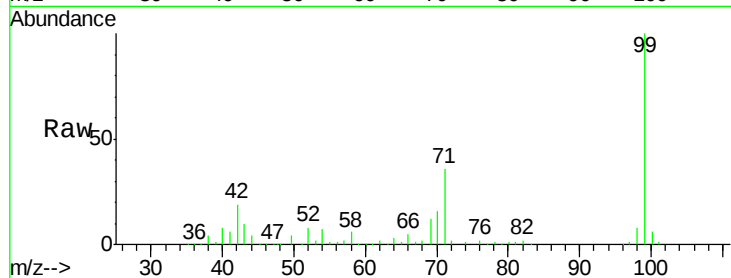
Tgt Ion: 99 Resp: 285499

Ion Ratio Lower Upper

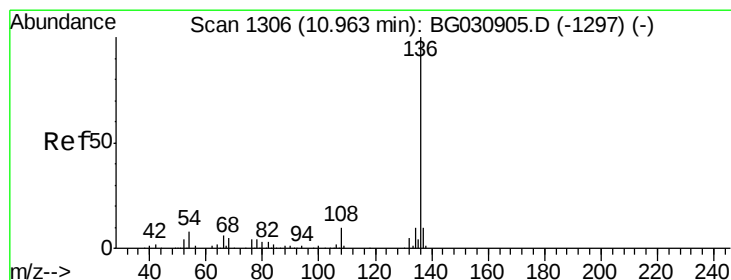
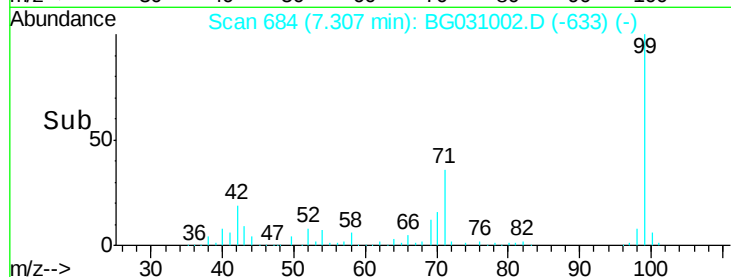
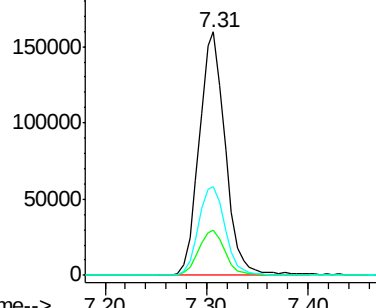
99 100

42 18.7 14.1 21.1

71 36.2 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: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG031002.D

Acq: 14 Nov 2017 9:43

Tgt Ion: 136 Resp: 132241

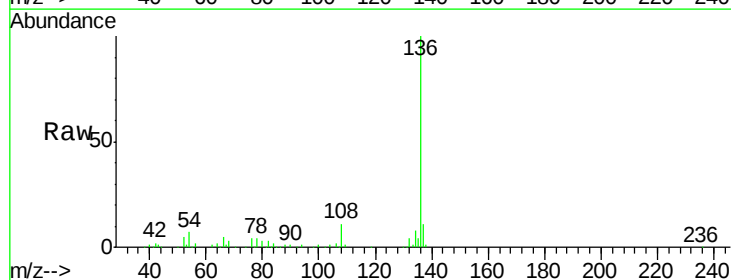
Ion Ratio Lower Upper

136 100

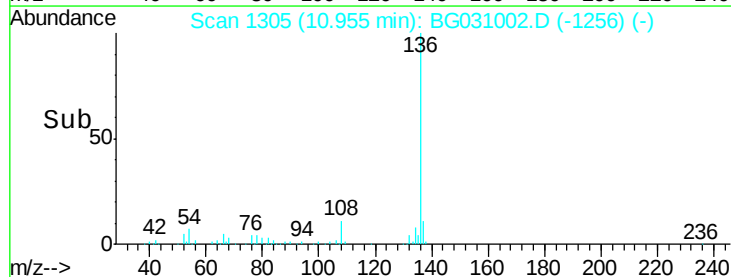
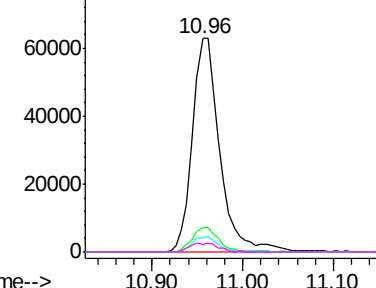
137 11.2 9.2 13.8

54 6.8 10.3 15.5#

68 3.5 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

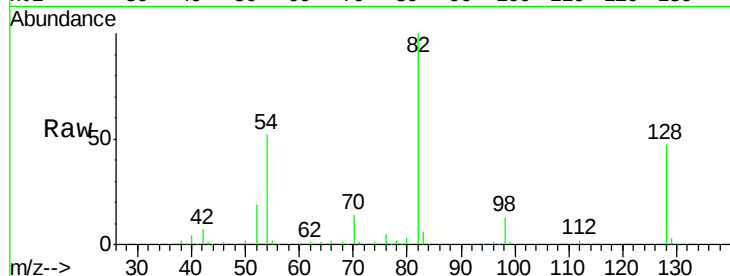




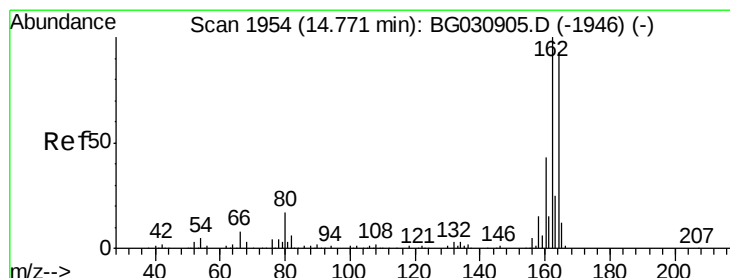
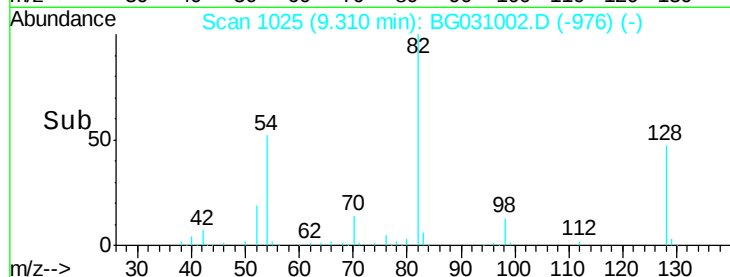
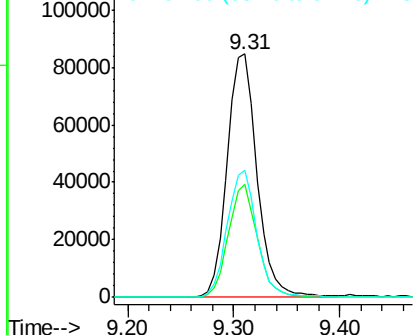
#23
 Nitrobenzene-d5
 Concen: 74.323 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG031002.D
 Acq: 14 Nov 2017 9:43

Instrument :
 BNA_G
 ClientSampleId :
 PB104197TB

Tgt Ion: 82 Resp: 165865
 Ion Ratio Lower Upper
 82 100
 128 46.5 29.7 44.5#
 54 52.1 43.1 64.7

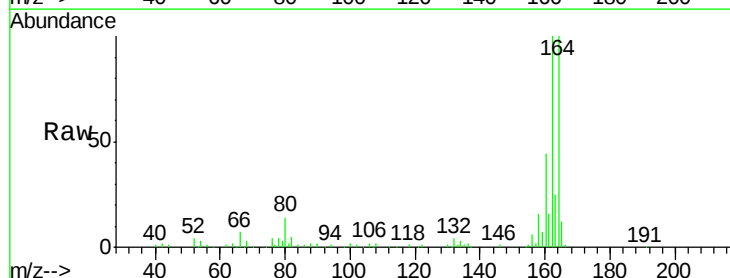


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

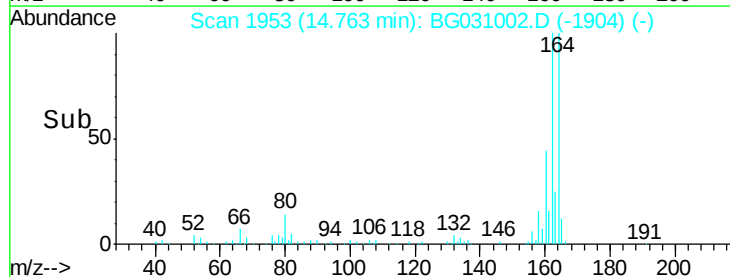
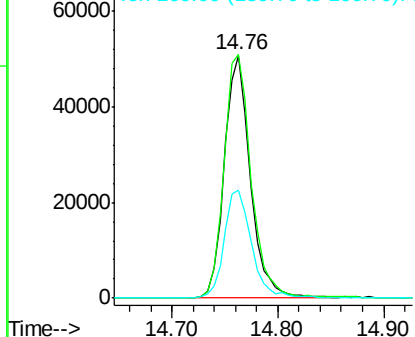


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG031002.D
 Acq: 14 Nov 2017 9:43

Tgt Ion: 164 Resp: 86222
 Ion Ratio Lower Upper
 164 100
 162 100.5 78.8 118.2
 160 44.4 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

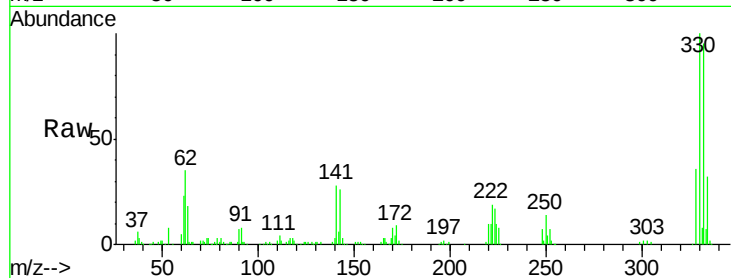




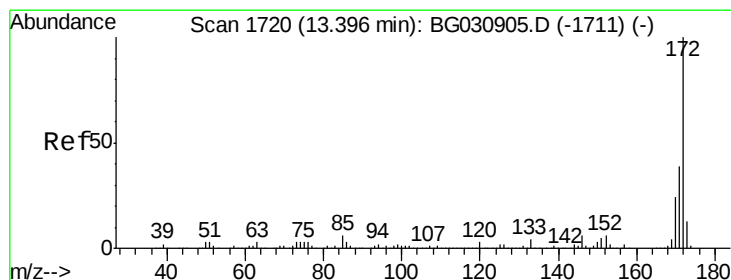
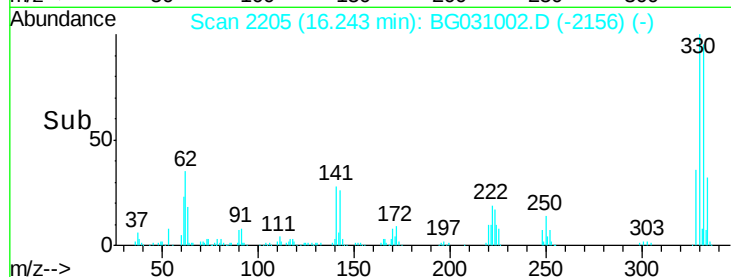
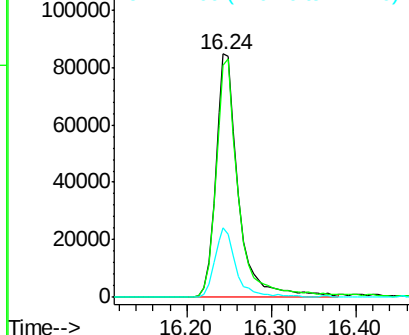
#41
 2,4,6-Tribromophenol
 Concen: 114.109 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031002.D
 Acq: 14 Nov 2017 9:43

Instrument :
 BNA_G
 ClientSampled :
 PB104197TB

Tgt Ion:330 Resp: 159158
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 27.1 25.2 37.8

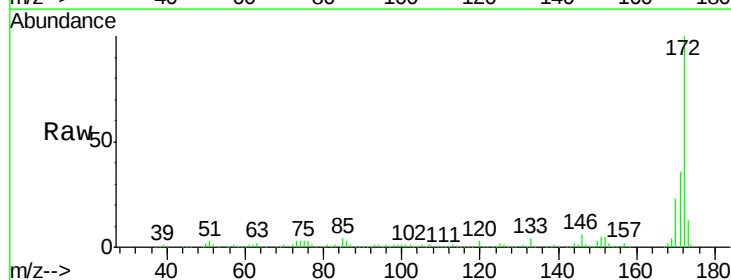


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

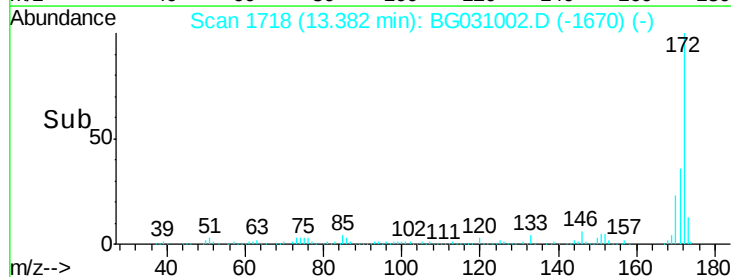
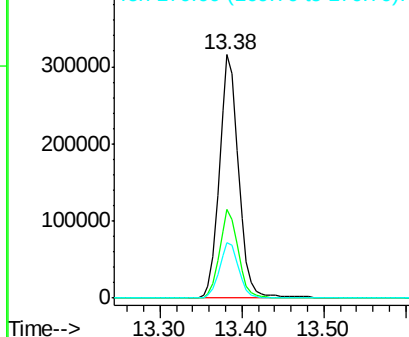


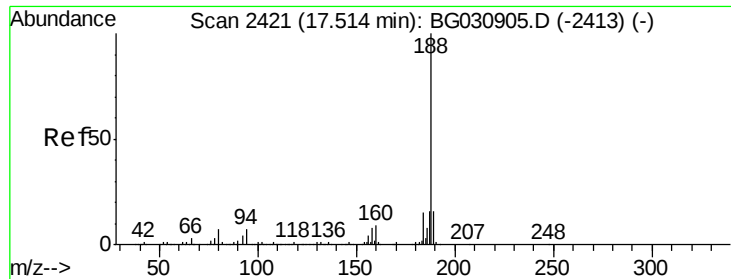
#44
 2-Fluorobiphenyl
 Concen: 85.731 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031002.D
 Acq: 14 Nov 2017 9:43

Tgt Ion:172 Resp: 514440
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.0 45.0
 170 22.9 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

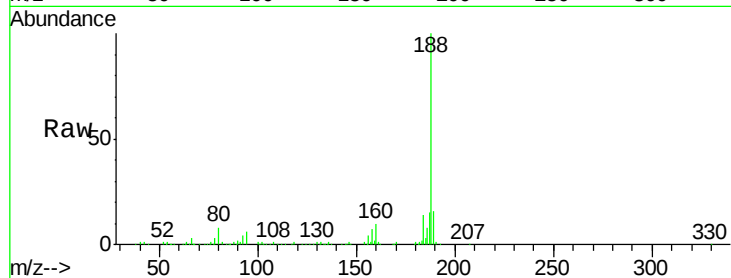




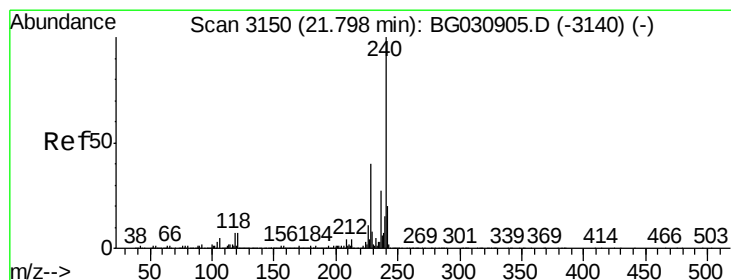
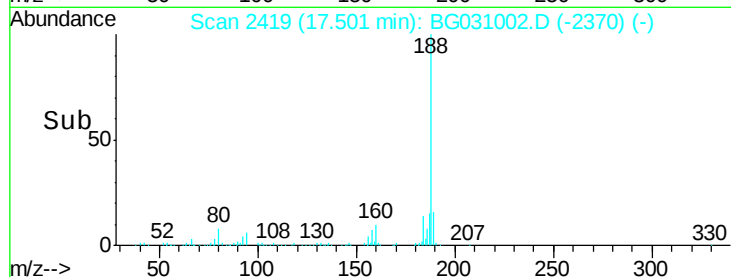
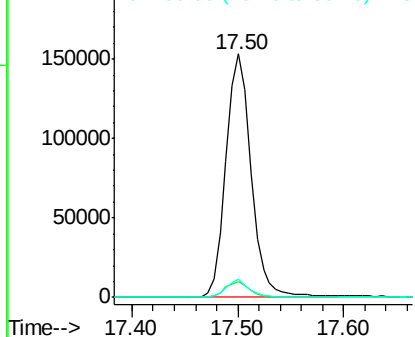
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG031002.D
Acq: 14 Nov 2017 9:43

Instrument :
BNA_G
ClientSampleId :
PB104197TB

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	7.8	7.7	11.5

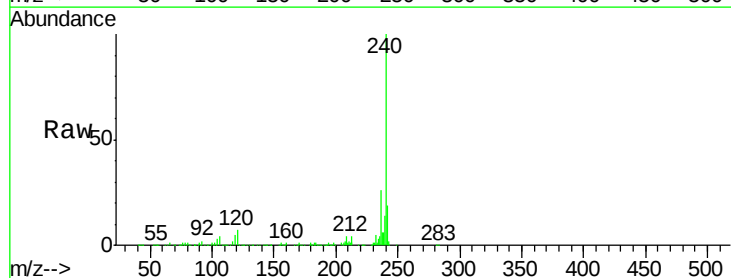


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

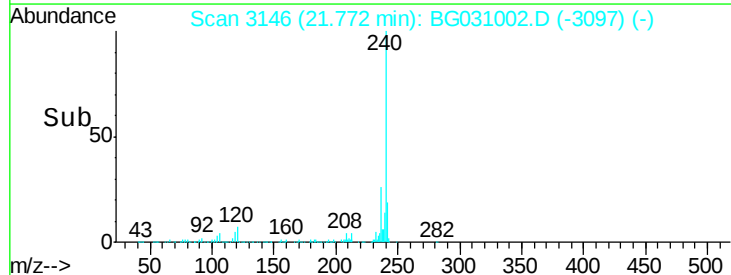
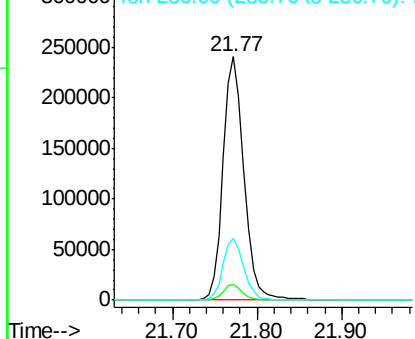


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG031002.D
Acq: 14 Nov 2017 9:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.5	6.8	10.2#
236	25.6	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

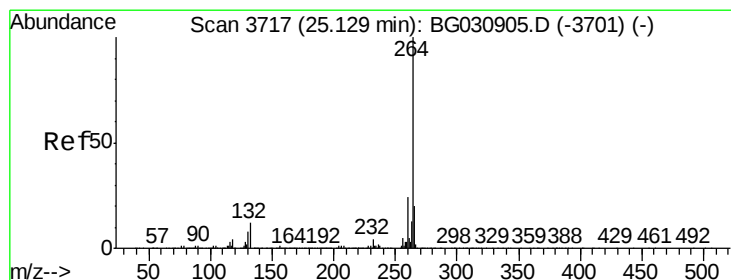
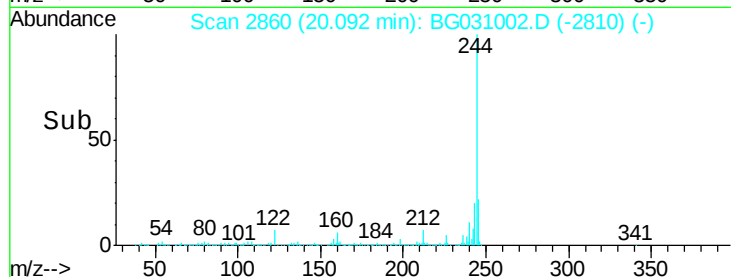
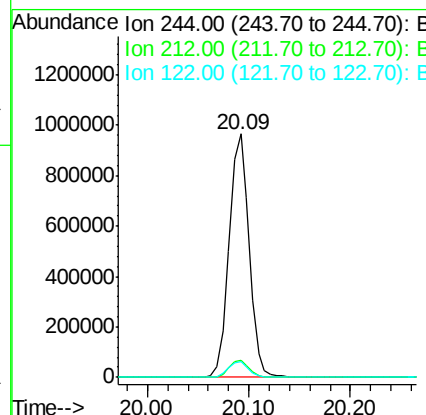
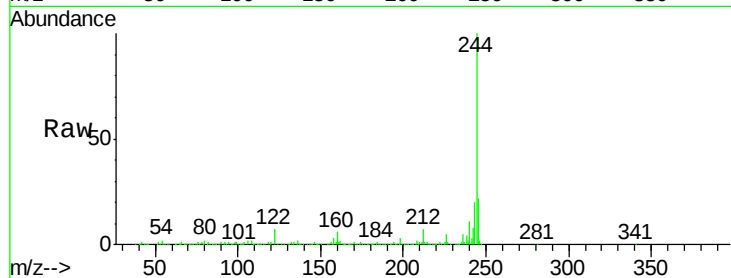




#78
 Terphenyl-d14
 Concen: 70.630 ng
 RT: 20.09 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG031002.D
 Acq: 14 Nov 2017 9:43

Instrument :
 BNA_G
 ClientSampleId :
 PB104197TB

Tgt Ion:244 Resp: 1319047
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 6.6 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3708
 Delta R.T. -0.02 min
 Lab File: BG031002.D
 Acq: 14 Nov 2017 9:43

Tgt Ion:264 Resp: 403203
 Ion Ratio Lower Upper
 264 100
 260 25.1 17.4 26.0
 265 20.9 17.7 26.5

