

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111517\
 Data File : BG031031.D
 Acq On : 16 Nov 2017 3:10
 Operator : SJ/JU
 Sample : I6476-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11934-290

Quant Time: Nov 16 08:21:38 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

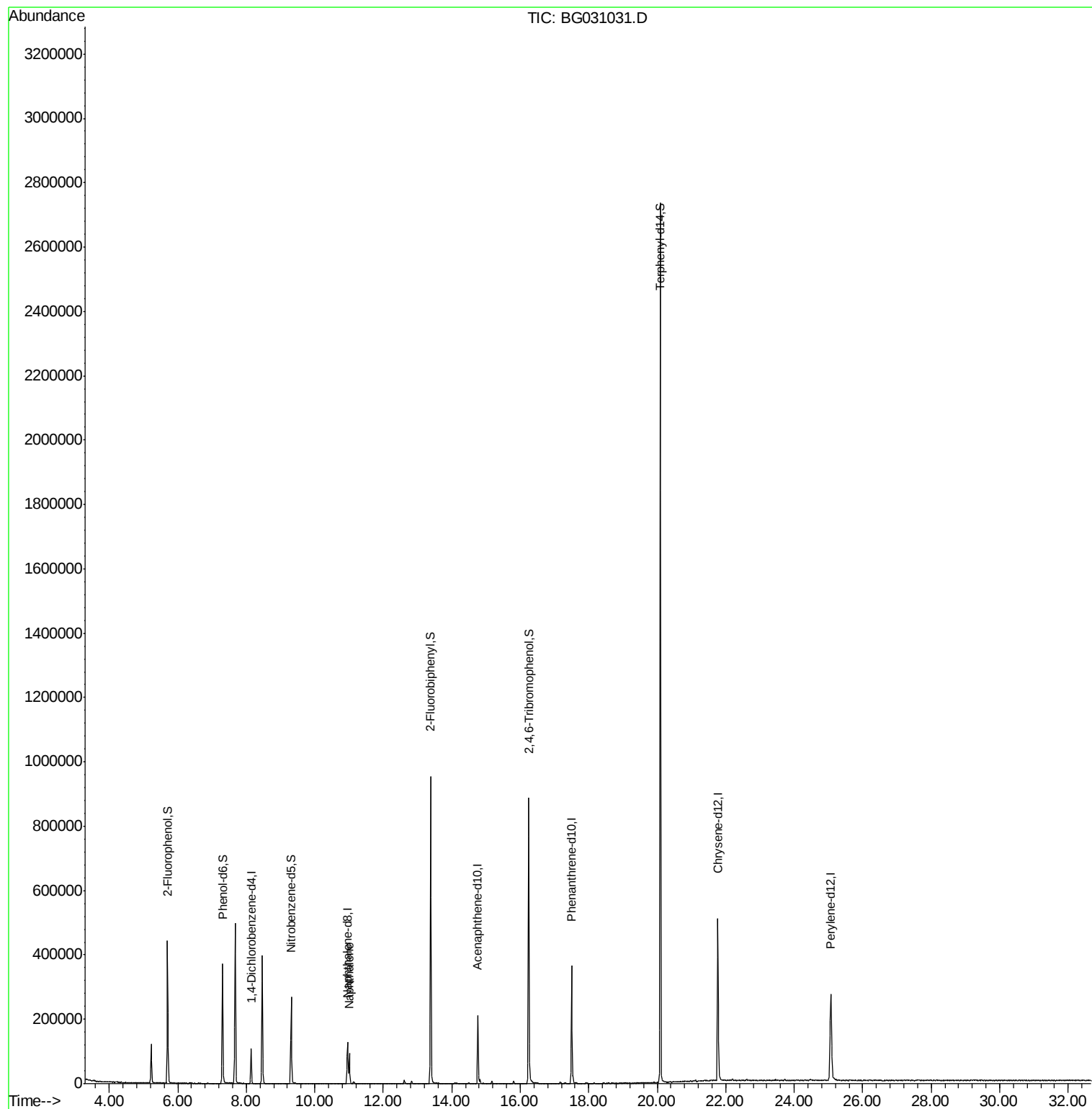
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	32612	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	127741	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	85651	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	260385	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	384393	20.00	ng	-0.02
86) Perylene-d12	25.07	264	378515	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	205008	107.79	ng	0.00
7) Phenol-d6	7.31	99	227776	88.90	ng	0.00
23) Nitrobenzene-d5	9.31	82	176815	82.02	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	217447	156.94	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	581444	97.54	ng	-0.02
78) Terphenyl-d14	20.09	244	1390441	79.87	ng	0.00
Target Compounds						
31) Naphthalene	11.01	128	89331	14.225	ng	Qvalue 98

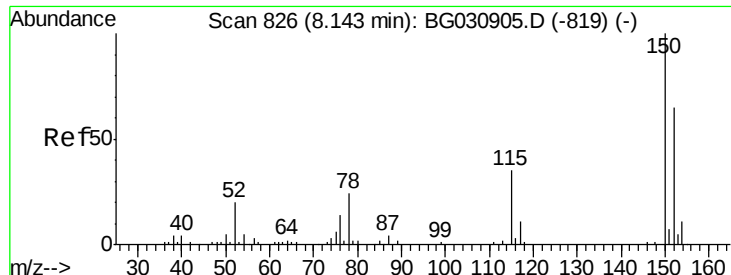
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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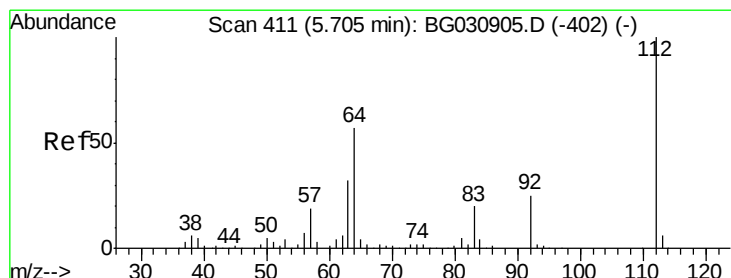
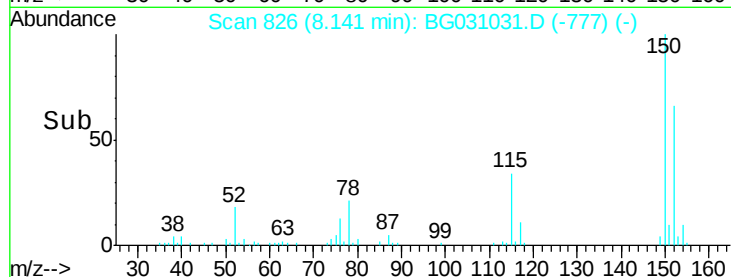
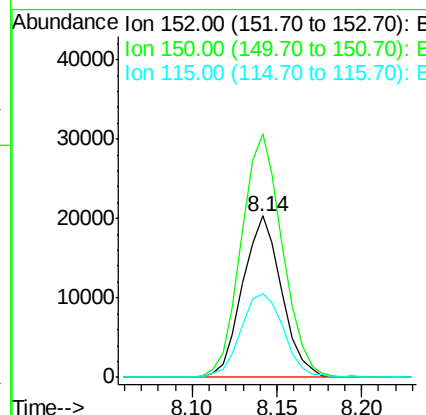
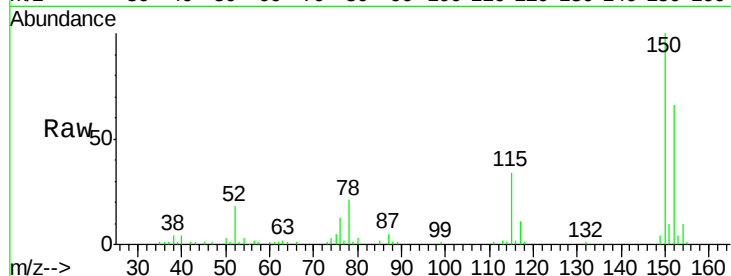




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG031031.D
 Acq: 16 Nov 2017 3:10

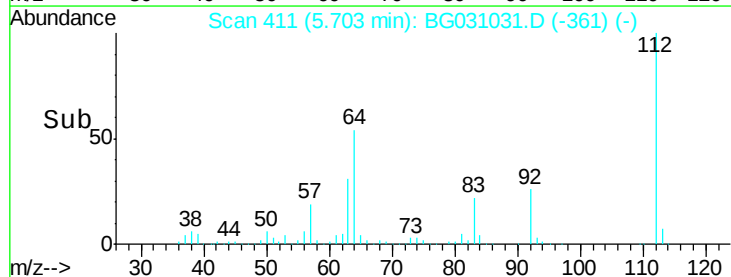
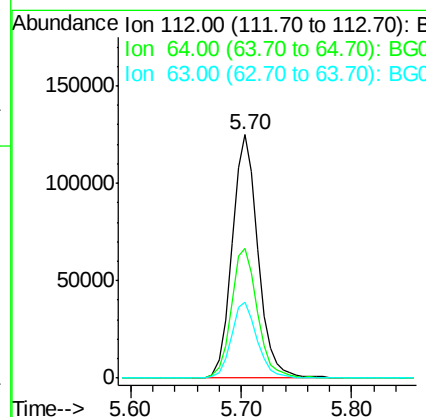
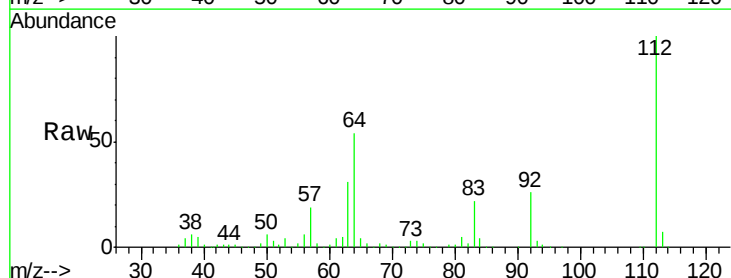
Instrument :
 BNA_G
 ClientSampleId :
 72-11934-290

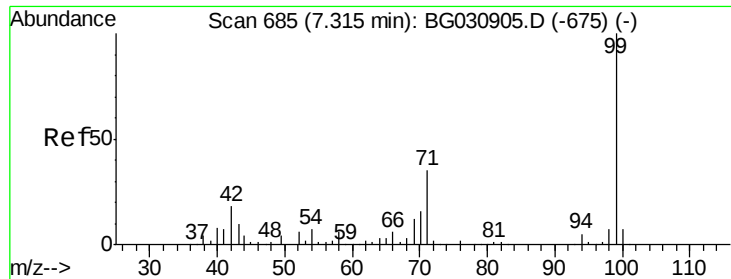
Tgt Ion:152 Resp: 32612
 Ion Ratio Lower Upper
 152 100
 150 151.1 126.6 189.8
 115 52.1 53.0 79.4#



#5
 2-Fluorophenol
 Concen: 107.794 ng
 RT: 5.70 min Scan# 411
 Delta R.T. -0.00 min
 Lab File: BG031031.D
 Acq: 16 Nov 2017 3:10

Tgt Ion:112 Resp: 205008
 Ion Ratio Lower Upper
 112 100
 64 53.5 56.3 84.5#
 63 31.0 30.1 45.1





#7

Phenol-d6

Concen: 88.899 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG031031.D

Acq: 16 Nov 2017 3:10

Instrument :

BNA_G

ClientSampleId :

72-11934-290

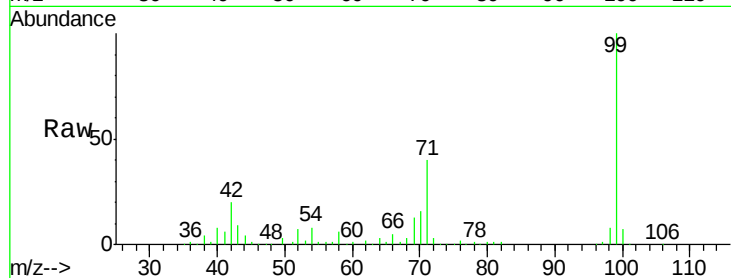
Tgt Ion: 99 Resp: 227776

Ion Ratio Lower Upper

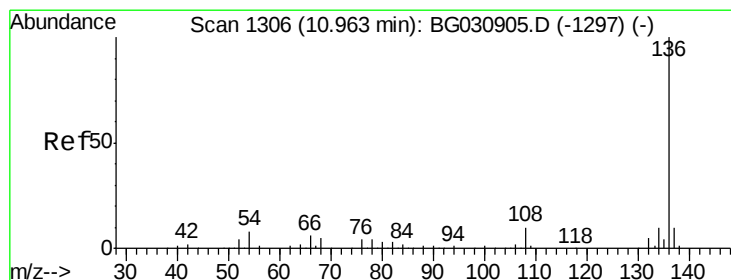
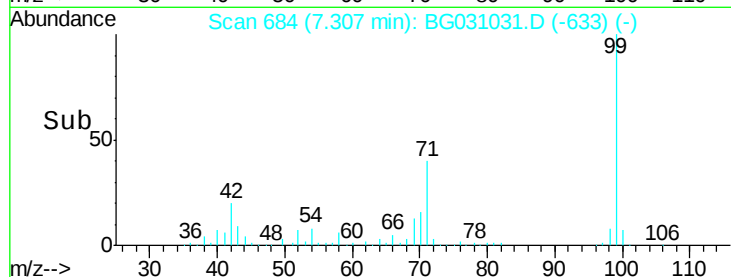
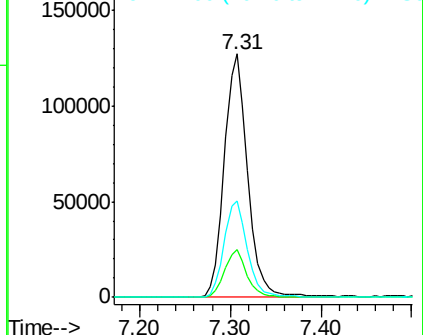
99 100

42 19.7 14.1 21.1

71 39.7 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: BG031031.D

Acq: 16 Nov 2017 3:10

Tgt Ion: 136 Resp: 127741

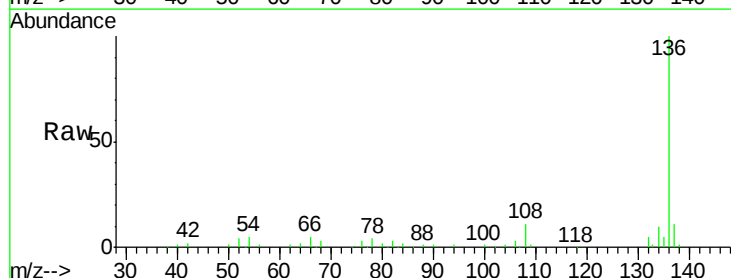
Ion Ratio Lower Upper

136 100

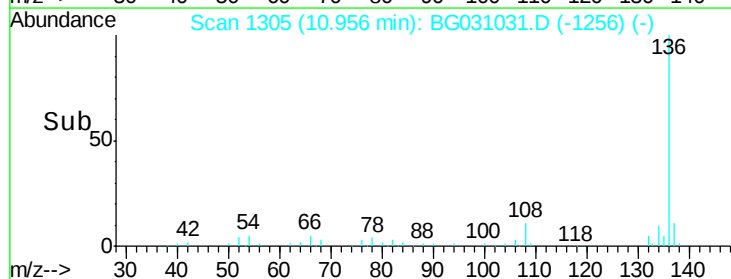
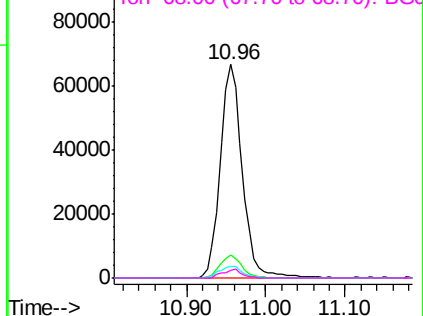
137 10.7 9.2 13.8

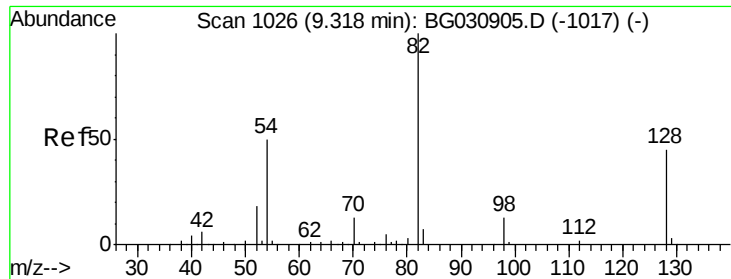
54 5.2 10.3 15.5#

68 3.4 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

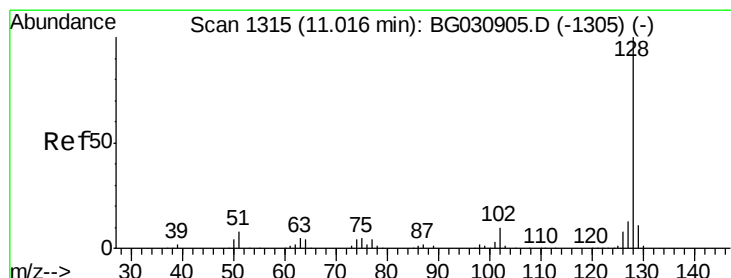
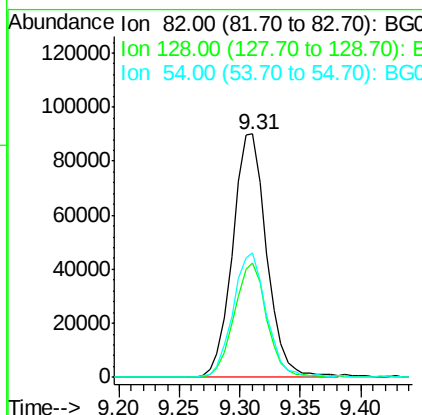
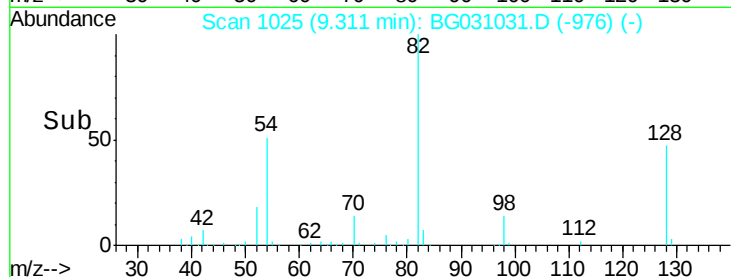
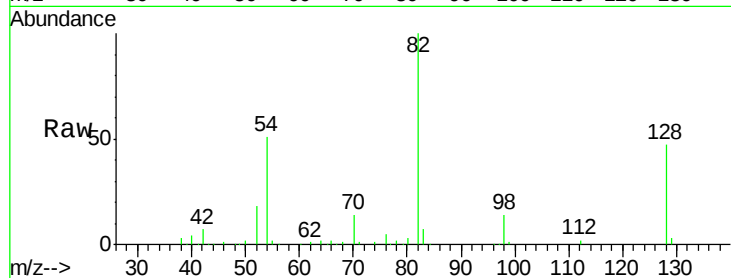




#23
 Nitrobenzene-d5
 Concen: 82.021 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG031031.D
 Acq: 16 Nov 2017 3:10

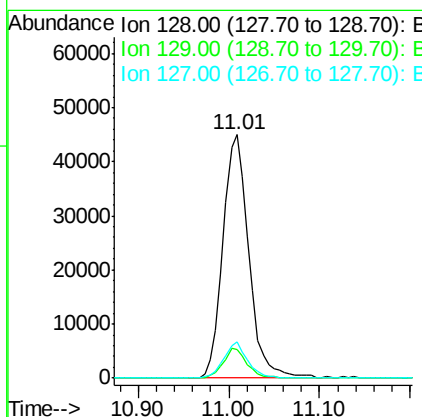
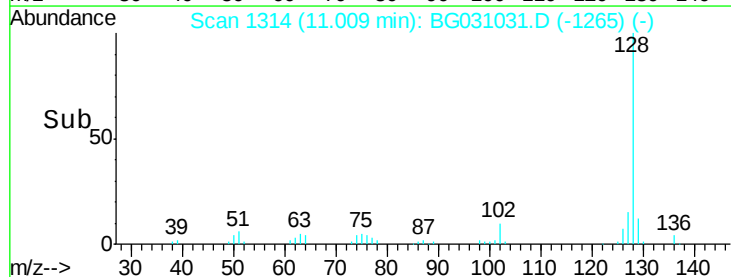
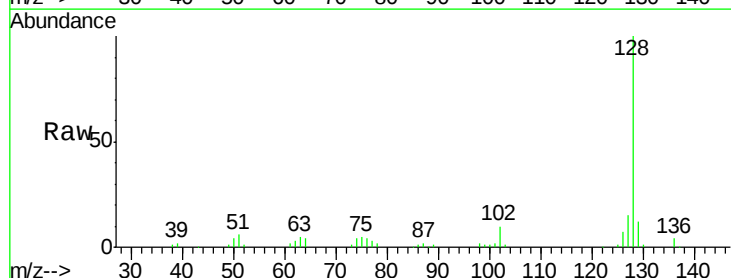
Instrument :
 BNA_G
 ClientSampleId :
 72-11934-290

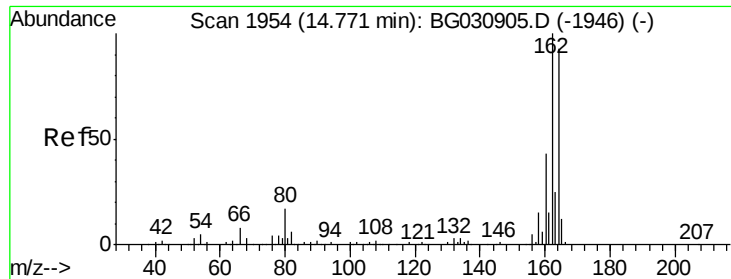
Tgt Ion: 82 Resp: 176815
 Ion Ratio Lower Upper
 82 100
 128 47.1 29.7 44.5#
 54 51.1 43.1 64.7



#31
 Naphthalene
 Concen: 14.225 ng
 RT: 11.01 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BG031031.D
 Acq: 16 Nov 2017 3:10

Tgt Ion: 128 Resp: 89331
 Ion Ratio Lower Upper
 128 100
 129 12.0 8.6 12.8
 127 14.7 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.02 min

Lab File: BG031031.D

Acq: 16 Nov 2017 3:10

Instrument :

BNA_G

ClientSampleId :

72-11934-290

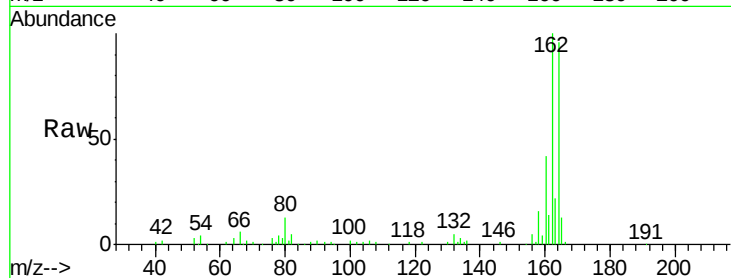
Tgt Ion:164 Resp: 85651

Ion Ratio Lower Upper

164 100

162 104.3 78.8 118.2

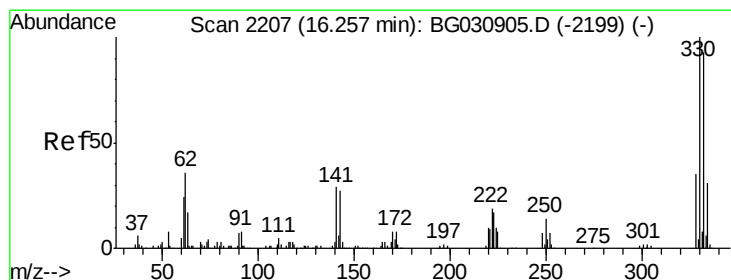
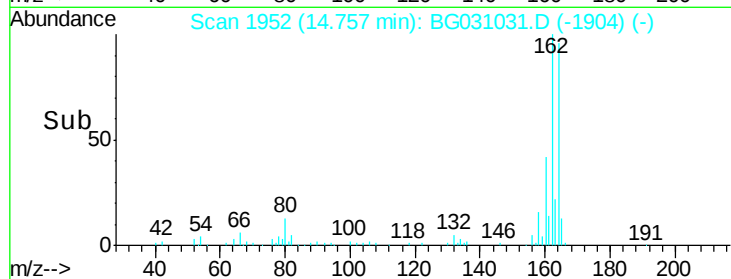
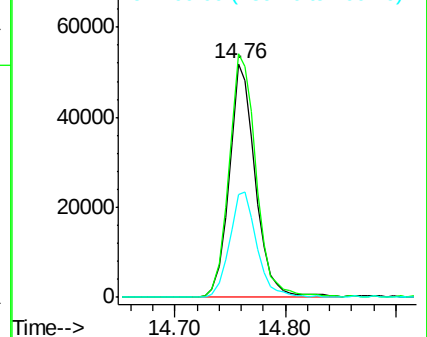
160 43.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 156.939 ng

RT: 16.24 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG031031.D

Acq: 16 Nov 2017 3:10

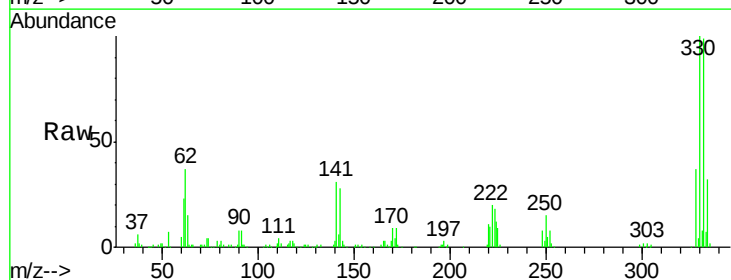
Tgt Ion:330 Resp: 217447

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

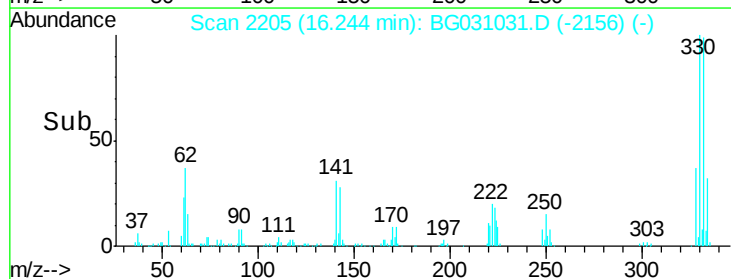
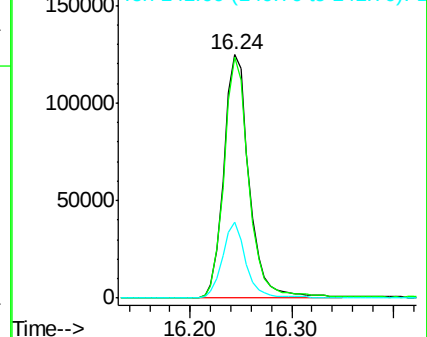
141 29.2 25.2 37.8

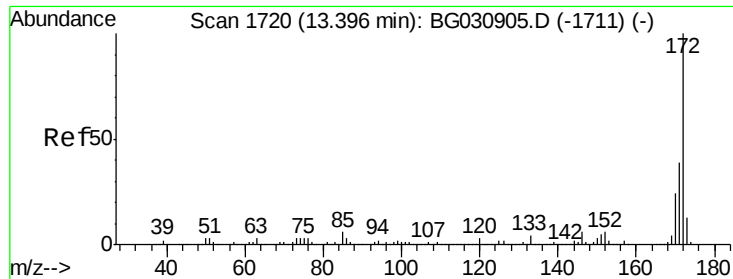


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

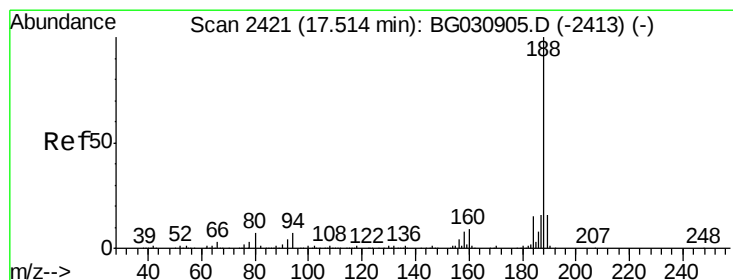
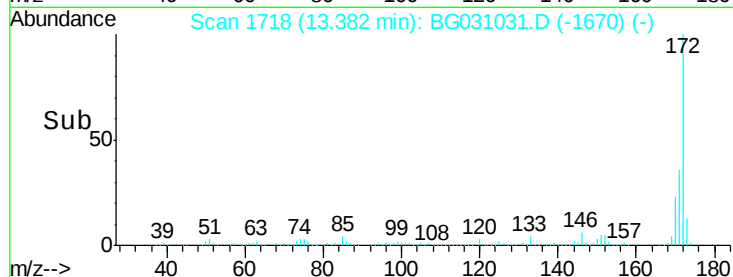
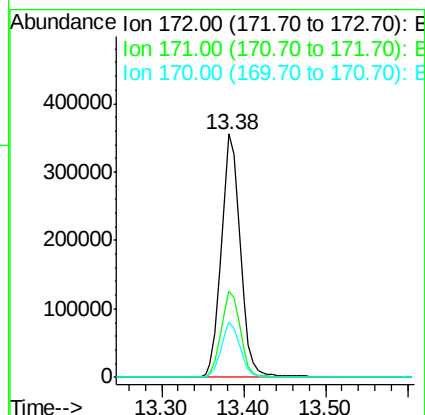
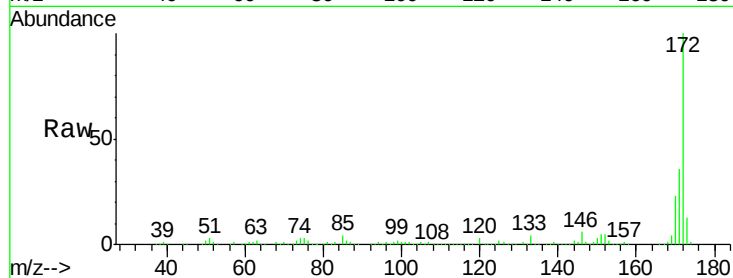




#44
 2-Fluorobiphenyl
 Concen: 97.544 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031031.D
 Acq: 16 Nov 2017 3:10

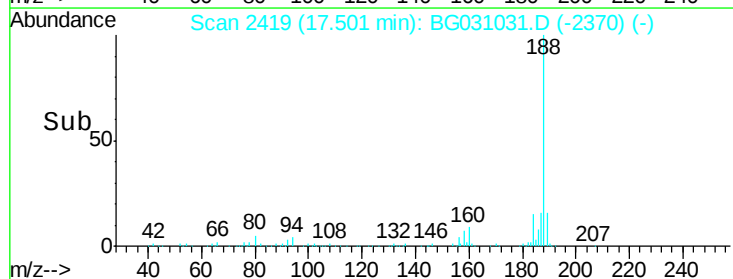
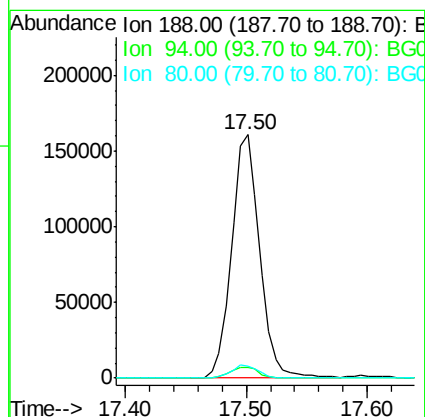
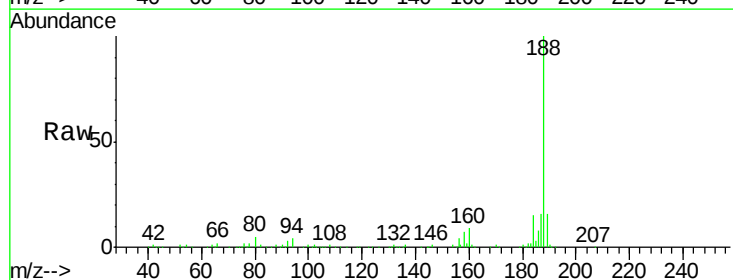
Instrument :
 BNA_G
 ClientSampleId :
 72-11934-290

Tgt Ion:172 Resp: 581444
 Ion Ratio Lower Upper
 172 100
 171 35.5 30.0 45.0
 170 22.9 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG031031.D
 Acq: 16 Nov 2017 3:10

Tgt Ion:188 Resp: 260385
 Ion Ratio Lower Upper
 188 100
 94 4.5 6.9 10.3#
 80 5.1 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: BG031031.D

Acq: 16 Nov 2017 3:10

Instrument :

BNA_G

ClientSampleId :

72-11934-290

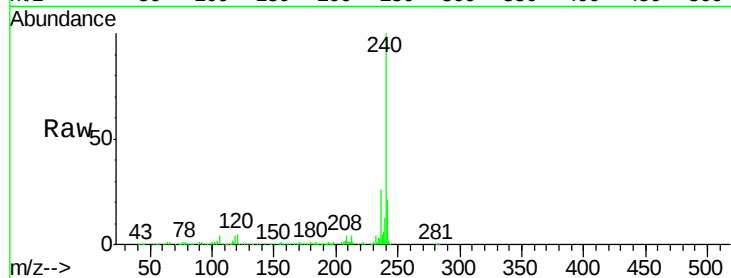
Tgt Ion:240 Resp: 384393

Ion Ratio Lower Upper

240 100

120 4.8 6.8 10.2#

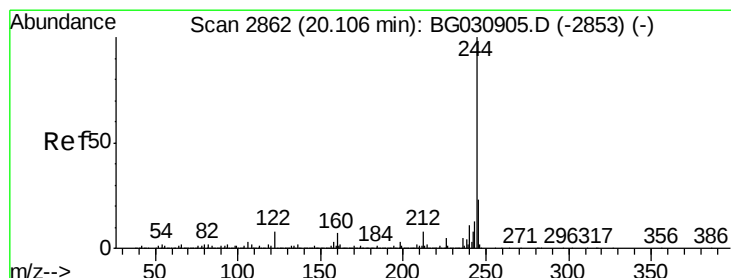
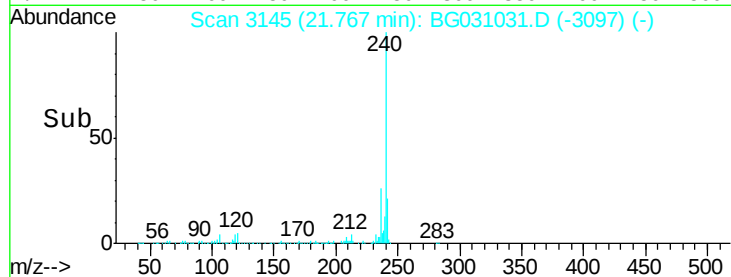
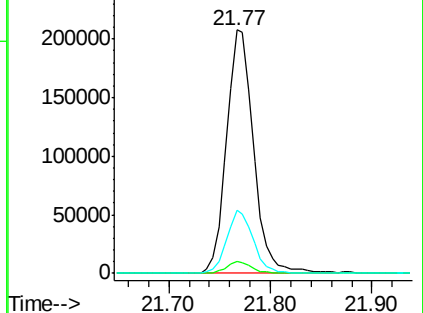
236 25.7 20.9 31.3



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: 79.872 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG031031.D

Acq: 16 Nov 2017 3:10

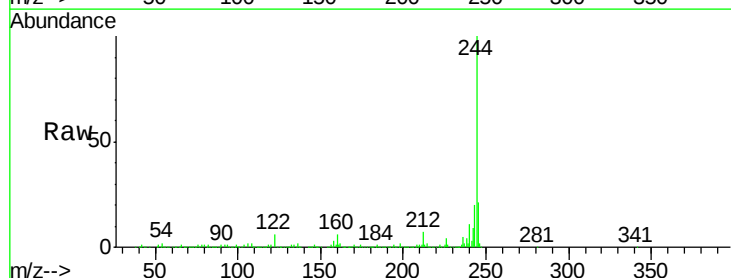
Tgt Ion:244 Resp: 1390441

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

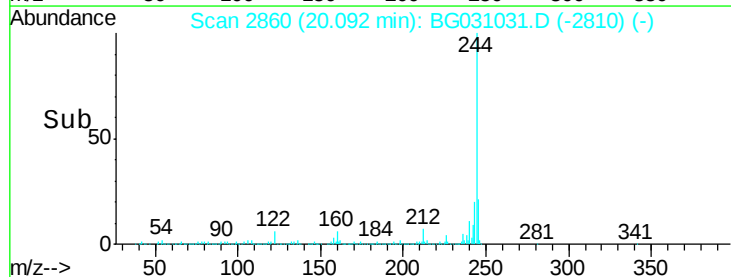
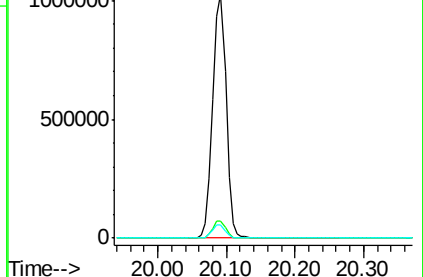
122 5.5 7.0 10.4#

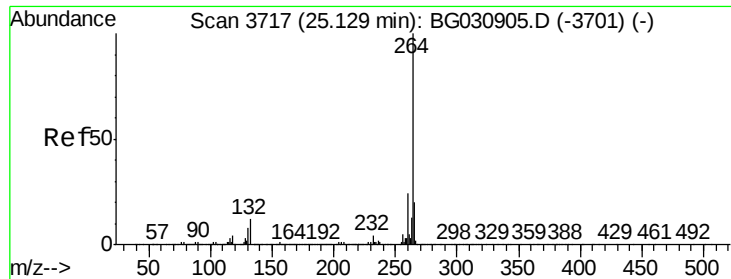


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.07 min Scan# 3708
Delta R.T. -0.02 min
Lab File: BG031031.D
Acq: 16 Nov 2017 3:10

Instrument :
BNA_G
ClientSampleId :
72-11934-290

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	20.2	17.7	26.5

