

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111517\
 Data File : BG031016.D
 Acq On : 15 Nov 2017 15:33
 Operator : SJ/JU
 Sample : I6449-01RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 15 17:48:39 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

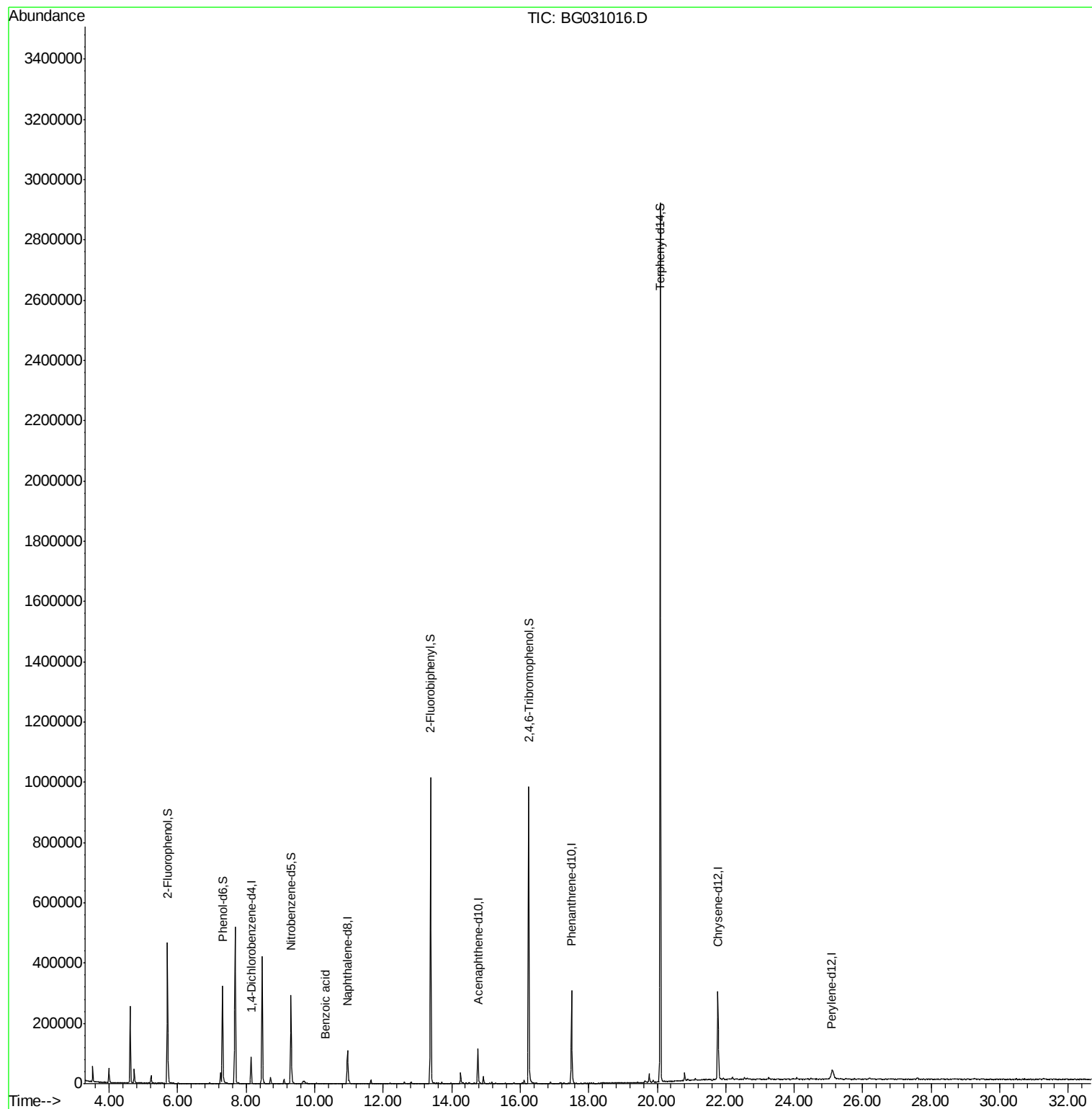
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	27532	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	106414	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	38157	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	194655	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	152019	20.00	ng	-0.02
86) Perylene-d12	25.08	264	7964	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	218882	136.32	ng	0.00
7) Phenol-d6	7.31	99	178025	82.30	ng	0.00
23) Nitrobenzene-d5	9.31	82	185175	103.11	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	245556	397.82	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	599564	225.78	ng	-0.02
78) Terphenyl-d14	20.09	244	1360199	197.57	ng	0.00
Target Compounds						
32) Benzoic acid	10.29	122	55	5.702	ng	Qvalue # 39

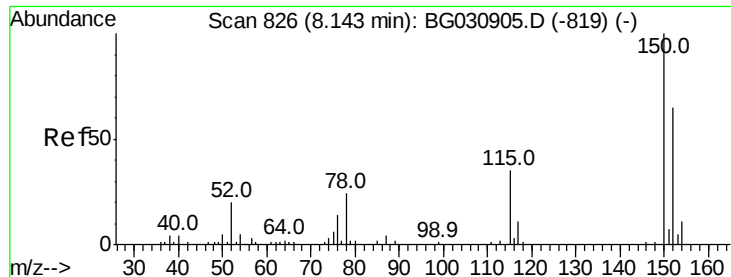
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111517\
Data File : BG031016.D
Acq On : 15 Nov 2017 15:33
Operator : SJ/JU
Sample : I6449-01RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 15 17:48:39 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



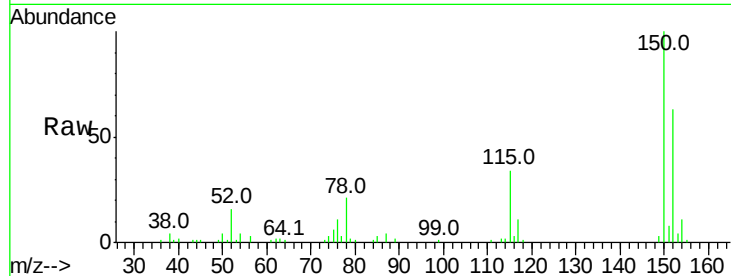


#1

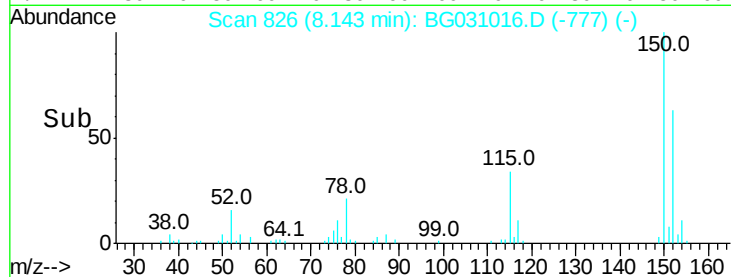
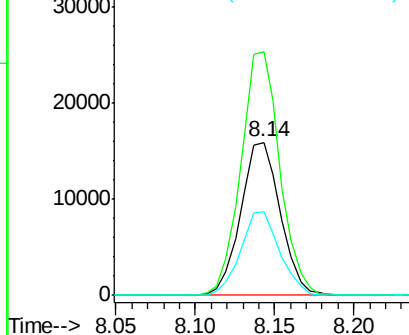
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG031016.D
Acq: 15 Nov 2017 15:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 27532
Ion Ratio Lower Upper
152 100
150 159.1 126.6 189.8
115 54.7 53.0 79.4



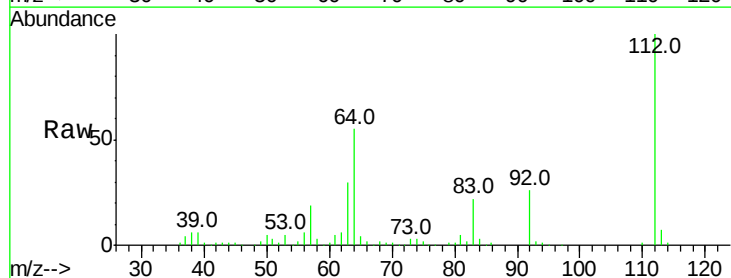
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



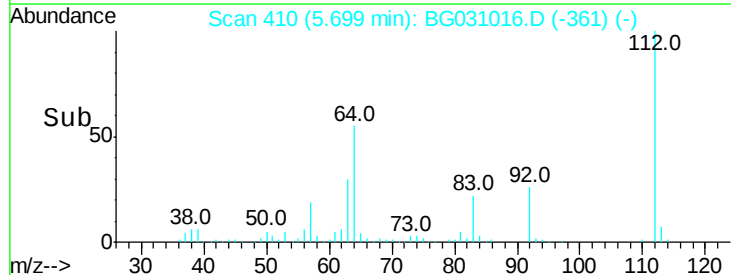
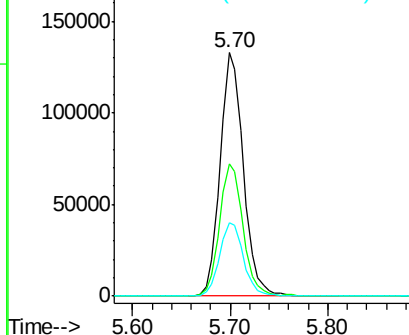
#5

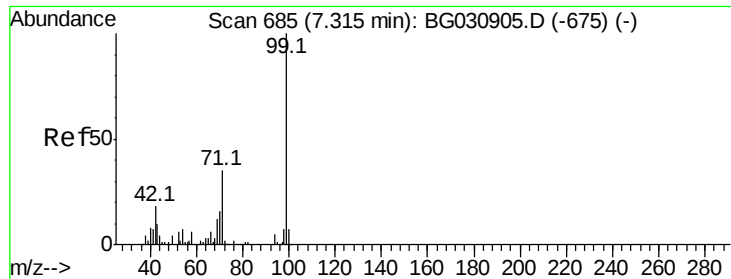
2-Fluorophenol
Concen: 136.325 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG031016.D
Acq: 15 Nov 2017 15:33

Tgt Ion:112 Resp: 218882
Ion Ratio Lower Upper
112 100
64 54.6 56.3 84.5#
63 30.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 82.302 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG031016.D

Acq: 15 Nov 2017 15:33

Instrument :

BNA_G

ClientSampleId :

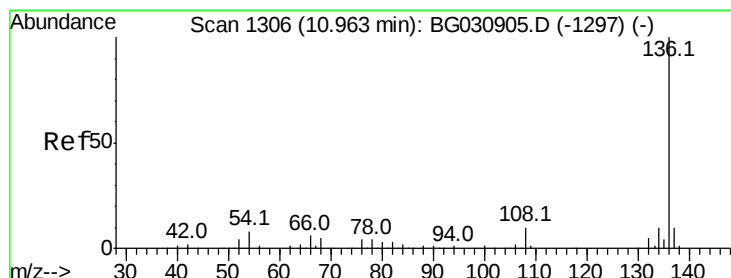
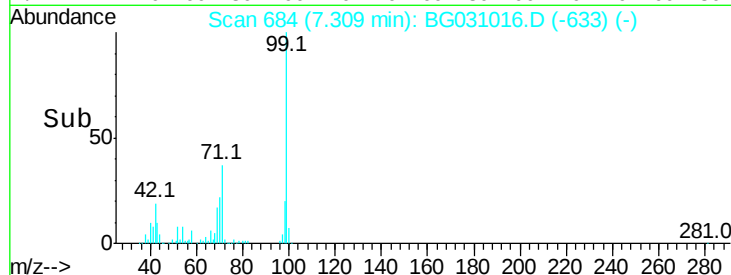
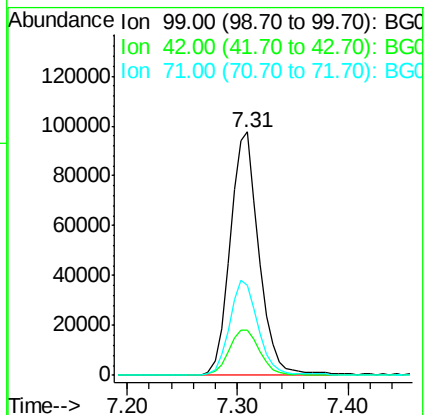
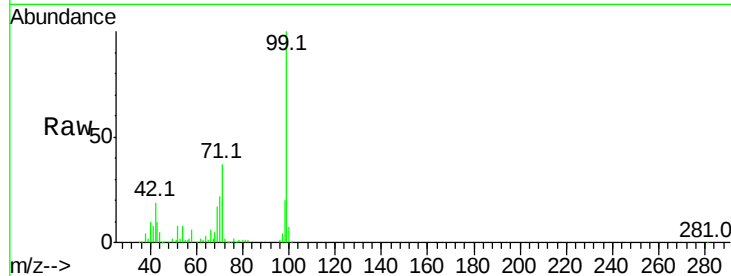
Tot Ion: 99 Resp: 178025

Ion Ratio Lower Upper

99 100

42 18.7 14.1 21.1

71 36.8 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG031016.D

Acq: 15 Nov 2017 15:33

Tgt Ion: 136 Resp: 106414

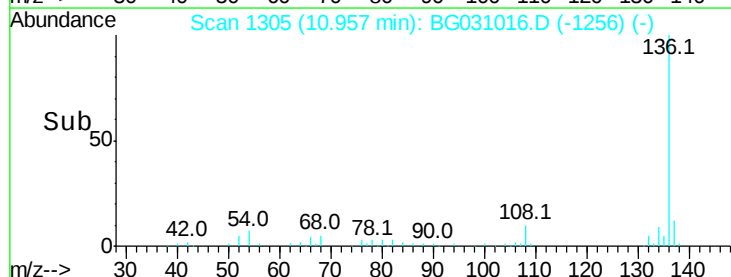
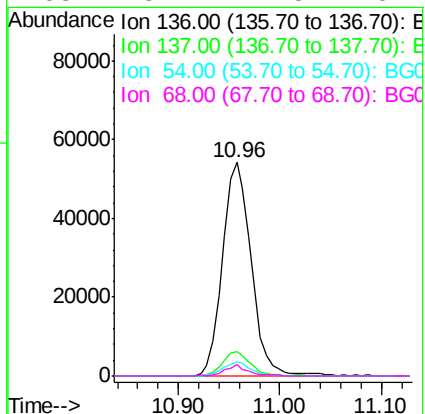
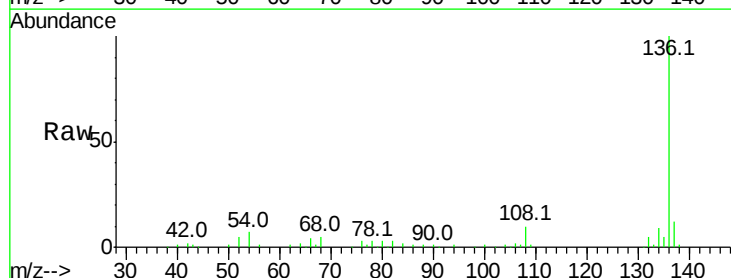
Ion Ratio Lower Upper

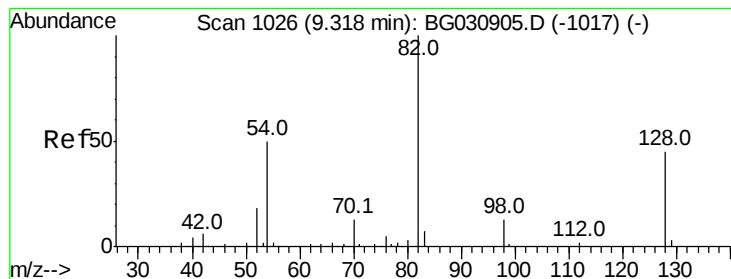
136 100

137 11.5 9.2 13.8

54 6.6 10.3 15.5#

68 5.4 4.5 6.7





#23

Nitrobenzene-d5

Concen: 103.114 ng

RT: 9.31 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BG031016.D

Acq: 15 Nov 2017 15:33

Instrument :

BNA_G

ClientSampled :

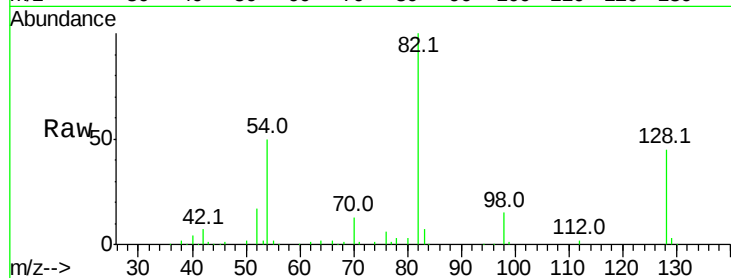
Tot Ion: 82 Resp: 185175

Ion Ratio Lower Upper

82 100

128 44.6 29.7 44.5#

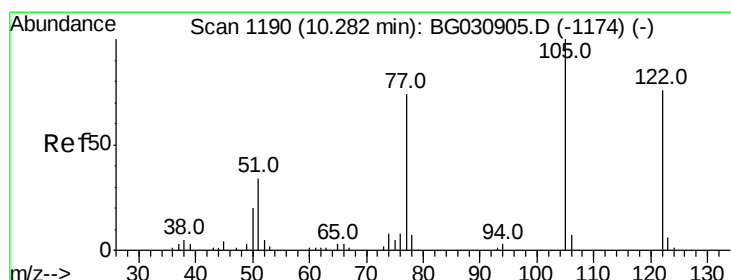
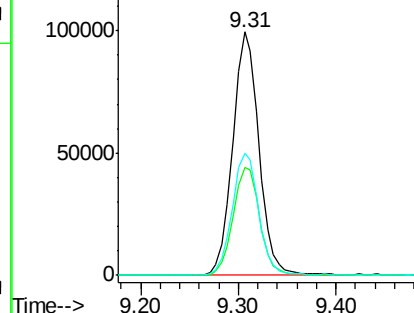
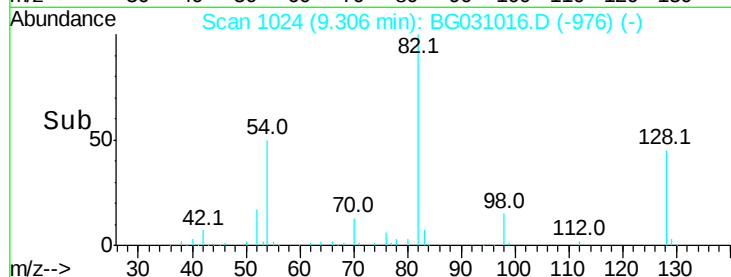
54 50.1 43.1 64.7



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



#32

Benzoic acid

Concen: 5.702 ng

RT: 10.29 min Scan# 1192

Delta R.T. 0.03 min

Lab File: BG031016.D

Acq: 15 Nov 2017 15:33

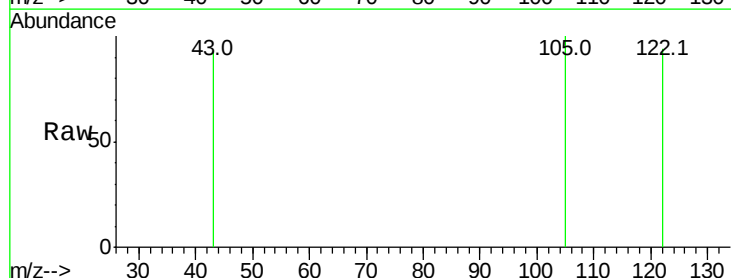
Tgt Ion: 122 Resp: 55

Ion Ratio Lower Upper

122 100

105 106.5 123.5 163.5#

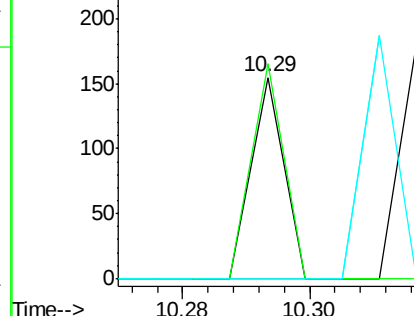
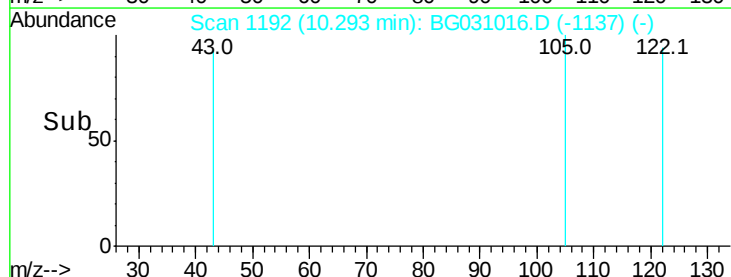
77 0.0 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 77.00 (76.70 to 77.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.02 min

Lab File: BG031016.D

Acq: 15 Nov 2017 15:33

Instrument :

BNA_G

ClientSampleId :

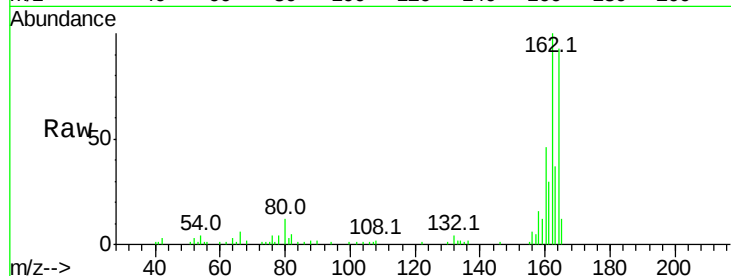
Tot Ion:164 Resp: 38157

Ion Ratio Lower Upper

164 100

162 107.2 78.8 118.2

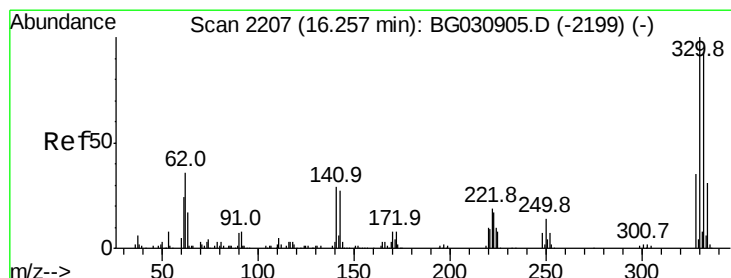
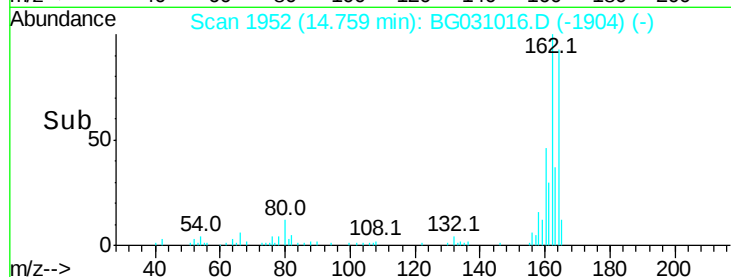
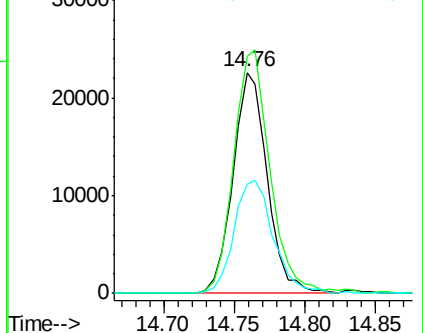
160 49.5 35.4 53.0



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: 397.819 ng

RT: 16.25 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG031016.D

Acq: 15 Nov 2017 15:33

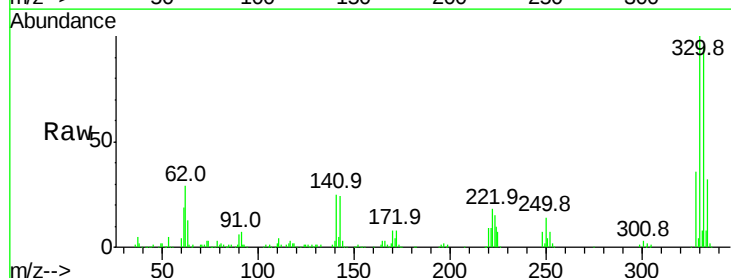
Tgt Ion:330 Resp: 245556

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

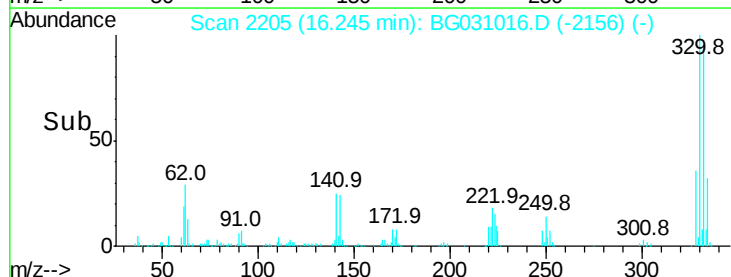
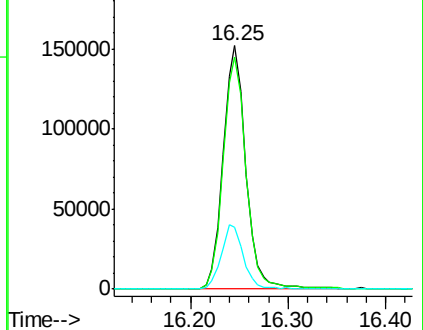
141 26.0 25.2 37.8

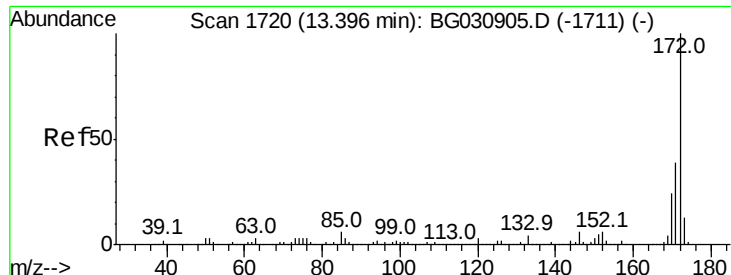


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

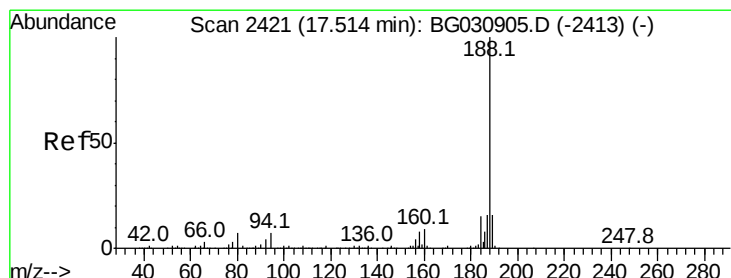
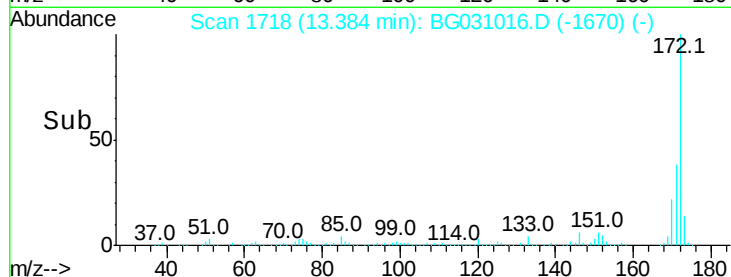
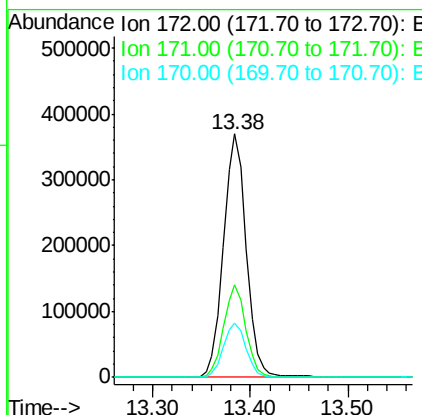
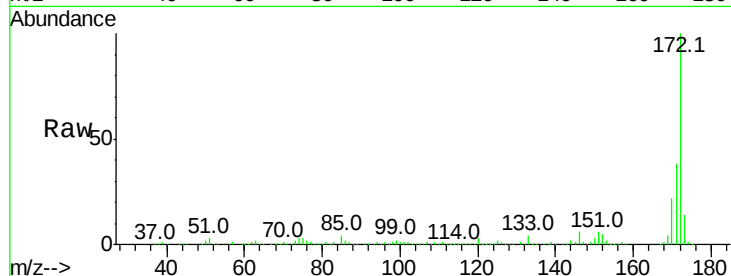




#44
 2-Fluorobiphenyl
 Concen: 225.780 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031016.D
 Acq: 15 Nov 2017 15:33

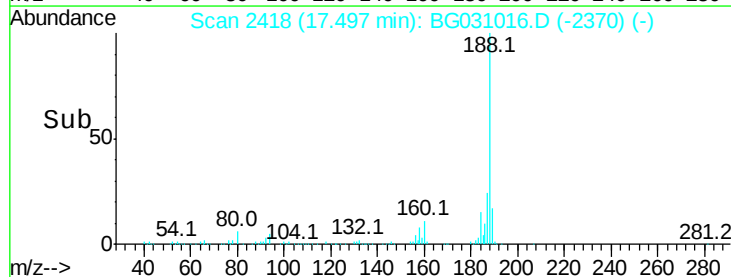
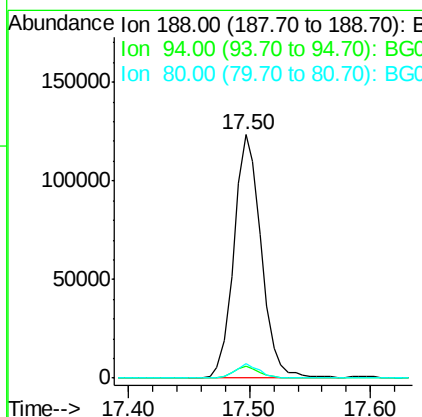
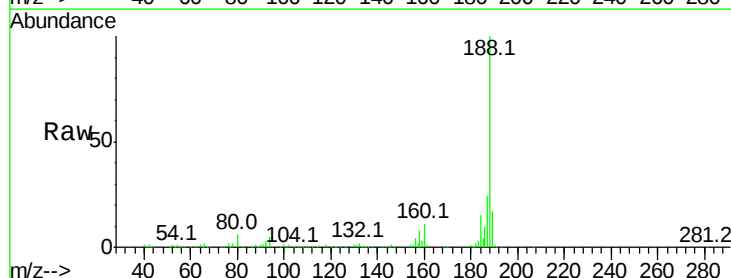
Instrument :
 BNA_G
 ClientSampled :

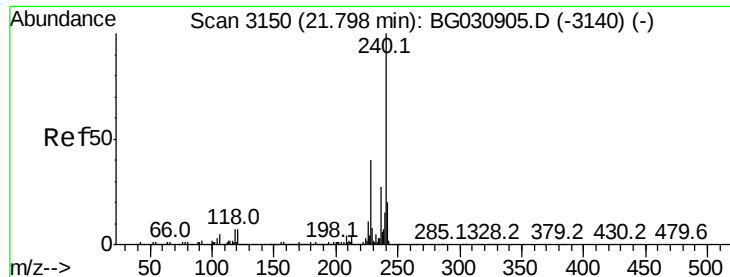
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	22.5	19.5	29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2418
 Delta R.T. -0.02 min
 Lab File: BG031016.D
 Acq: 15 Nov 2017 15:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.7	6.9	10.3#
80	5.8	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: BG031016.D

Acq: 15 Nov 2017 15:33

Instrument :

BNA_G

ClientSampleId :

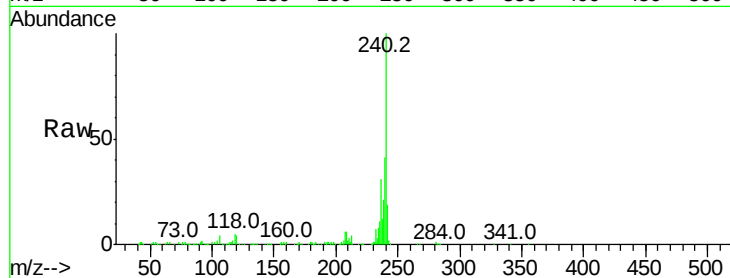
Tot Ion:240 Resp: 152019

Ion Ratio Lower Upper

240 100

120 4.3 6.8 10.2#

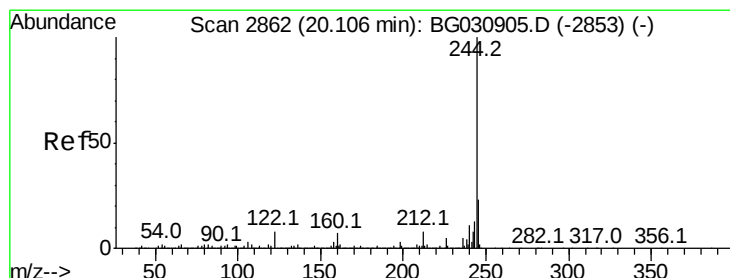
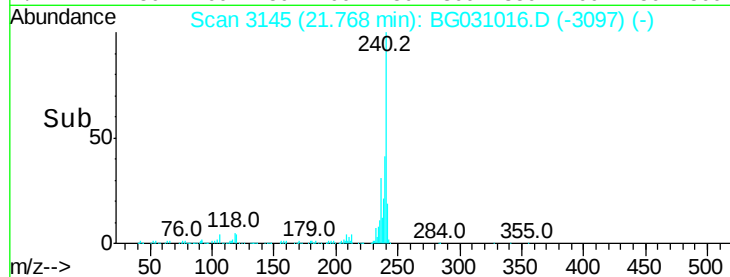
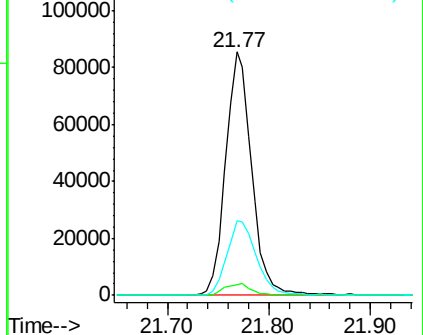
236 30.6 20.9 31.3



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: 197.570 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031016.D

Acq: 15 Nov 2017 15:33

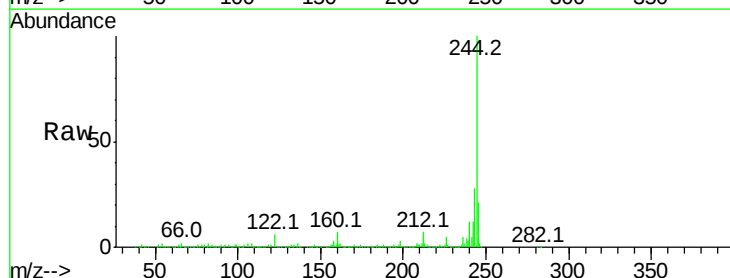
Tgt Ion:244 Resp: 1360199

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

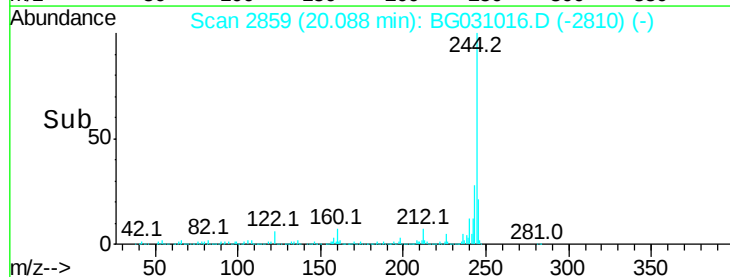
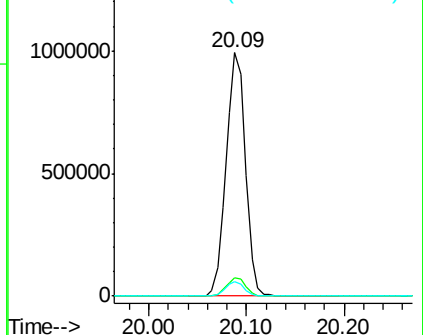
122 6.2 7.0 10.4#



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

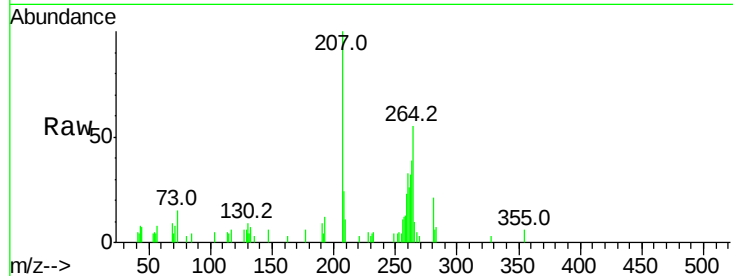




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3708
Delta R.T. -0.02 min
Lab File: BG031016.D
Acq: 15 Nov 2017 15:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	60.0	17.4	26.0#
265	18.4	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

