

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
 Data File : BG031196.D
 Acq On : 22 Nov 2017 19:18
 Operator : SJ/JU
 Sample : I6525-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 22 23:53:48 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	61398	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	271040	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	182076	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	470469	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	573057	20.00	ng	-0.02
86) Perylene-d12	25.07	264	554525	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	232814	65.02	ng	0.00
7) Phenol-d6	7.30	99	185500	38.46	ng	0.00
23) Nitrobenzene-d5	9.30	82	411215	89.90	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	348227	118.23	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1230769	97.13	ng	-0.02
78) Terphenyl-d14	20.09	244	2189500	84.37	ng	-0.01

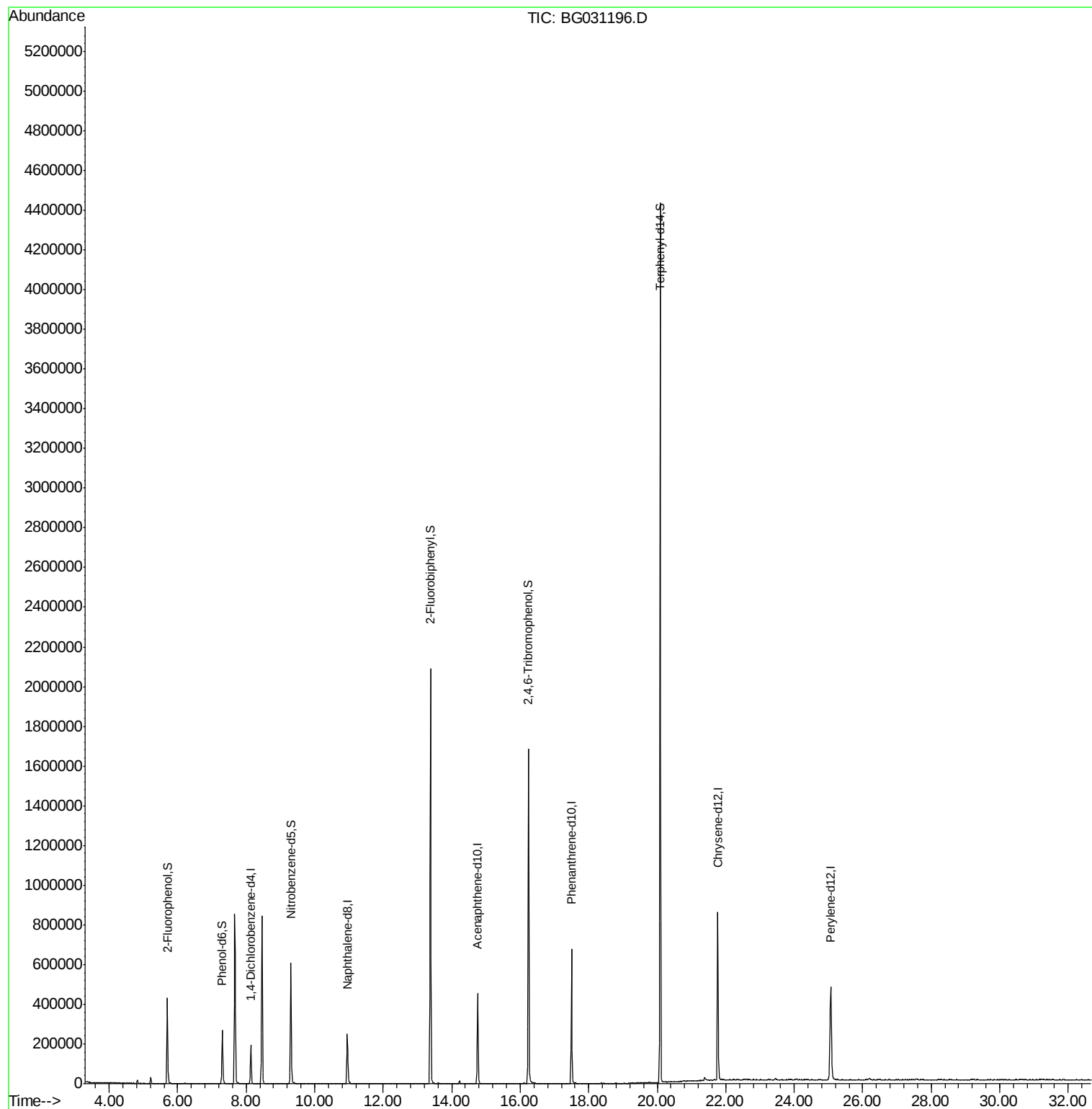
Target Compounds Qvalue

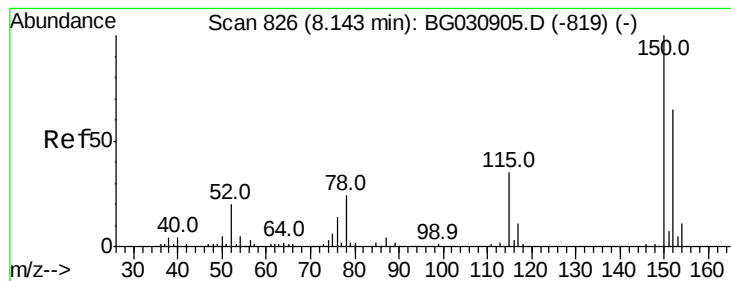
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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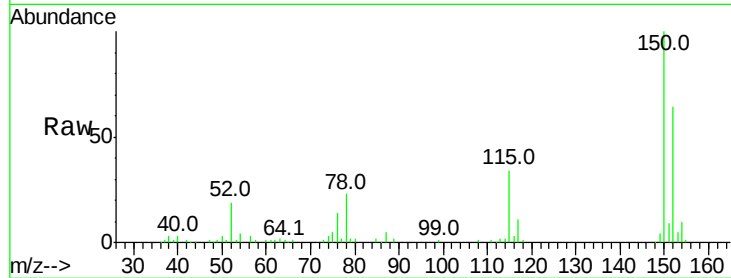


#1

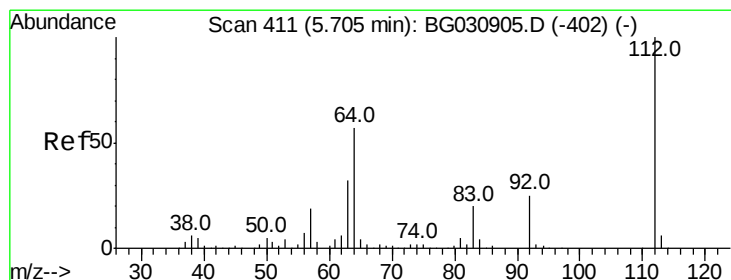
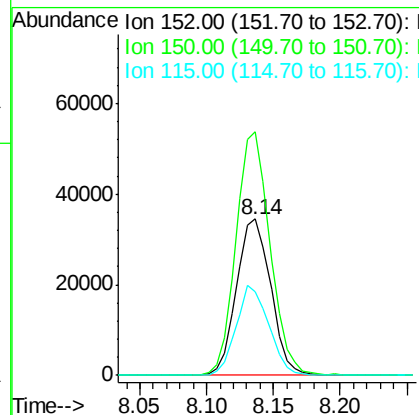
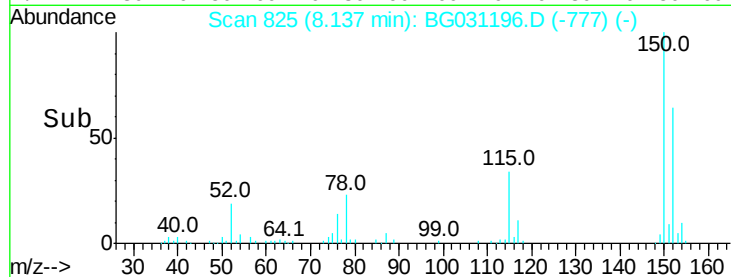
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG031196.D
Acq: 22 Nov 2017 19:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 61398
Ion Ratio Lower Upper
152 100
150 155.7 126.6 189.8
115 53.7 53.0 79.4



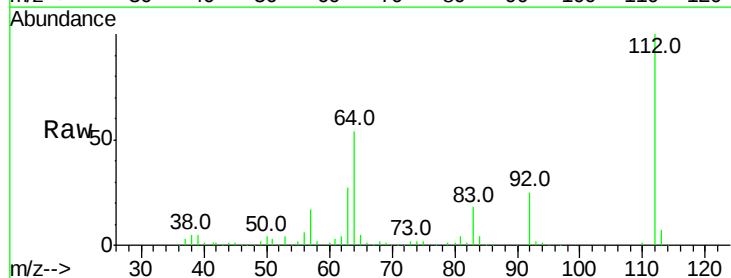
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



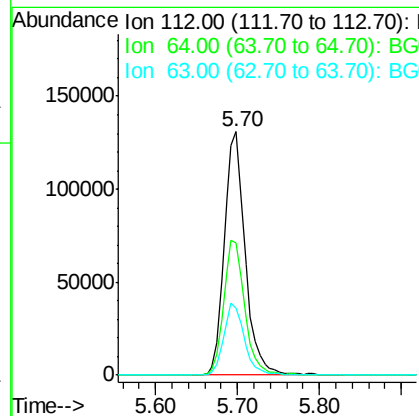
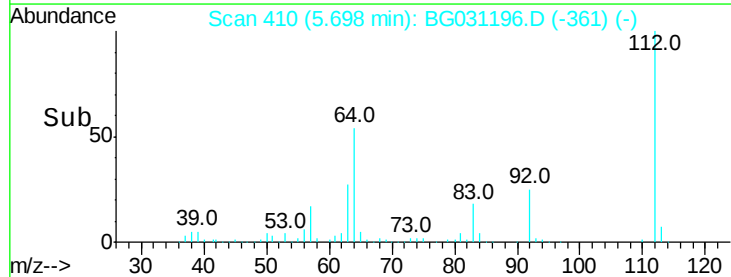
#5

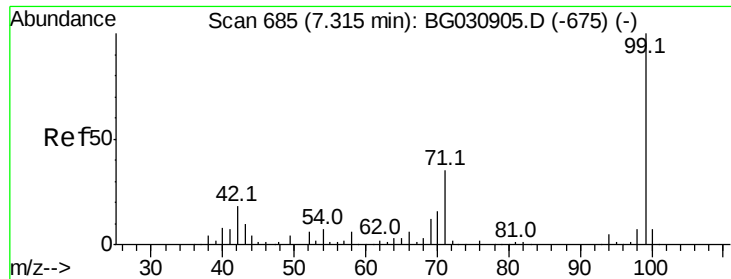
2-Fluorophenol
Concen: 65.022 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG031196.D
Acq: 22 Nov 2017 19:18

Tgt Ion:112 Resp: 232814
Ion Ratio Lower Upper
112 100
64 54.1 56.3 84.5#
63 27.4 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: 38.455 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031196.D

Acq: 22 Nov 2017 19:18

Instrument :

BNA_G

ClientSampleId :

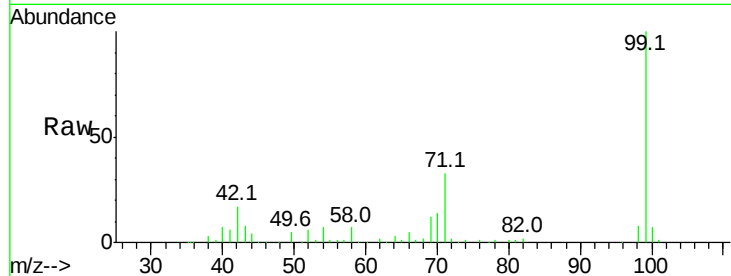
Tot Ion: 99 Resp: 185500

Ion Ratio Lower Upper

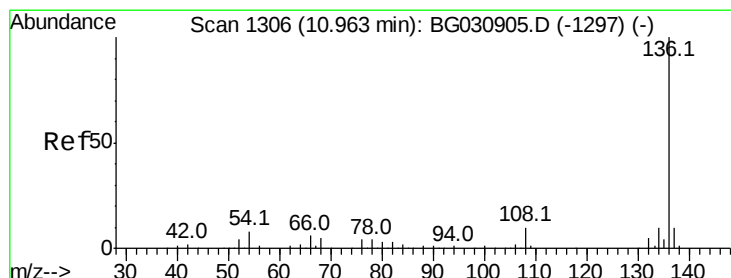
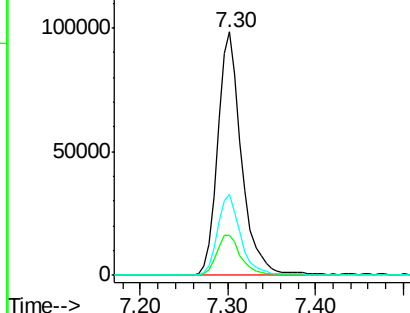
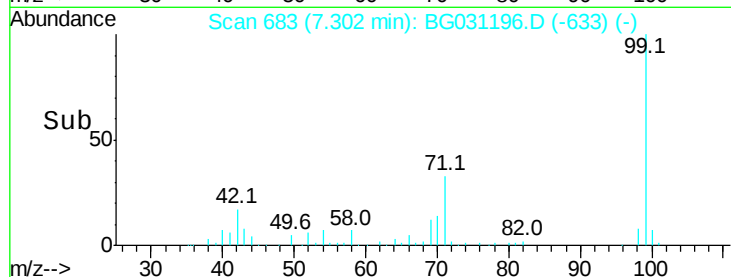
99 100

42 16.7 14.1 21.1

71 33.0 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# 1304

Delta R.T. -0.02 min

Lab File: BG031196.D

Acq: 22 Nov 2017 19:18

Tgt Ion: 136 Resp: 271040

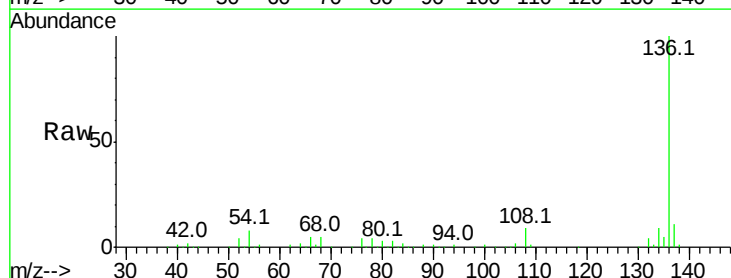
Ion Ratio Lower Upper

136 100

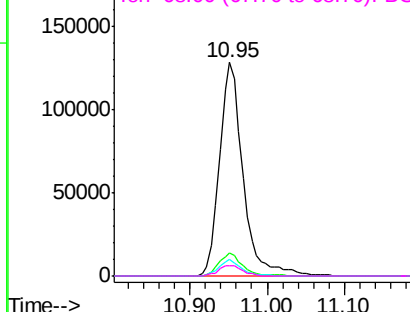
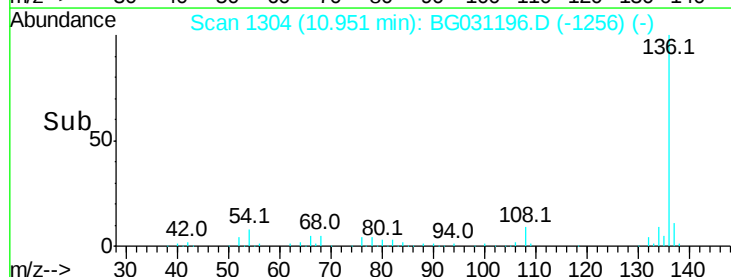
137 10.8 9.2 13.8

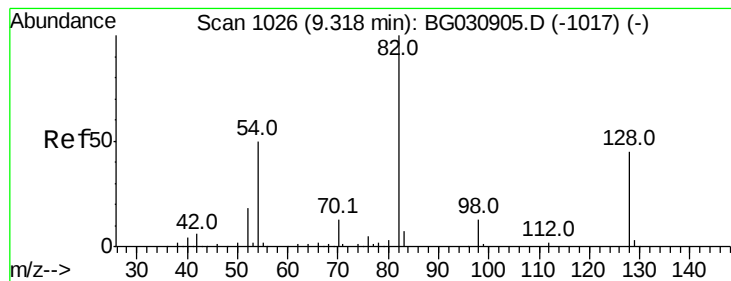
54 7.5 10.3 15.5#

68 4.8 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: 89.902 ng

RT: 9.30 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BG031196.D

Acq: 22 Nov 2017 19:18

Instrument :

BNA_G

ClientSampled :

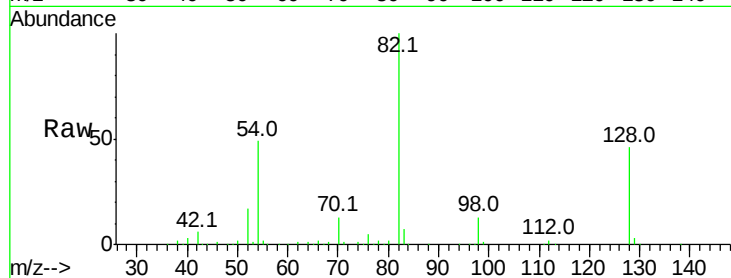
Tot Ion: 82 Resp: 411215

Ion Ratio Lower Upper

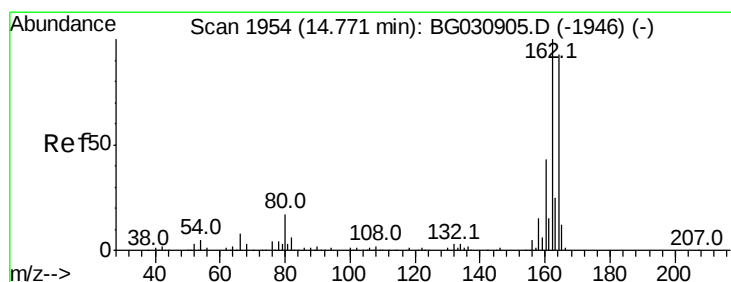
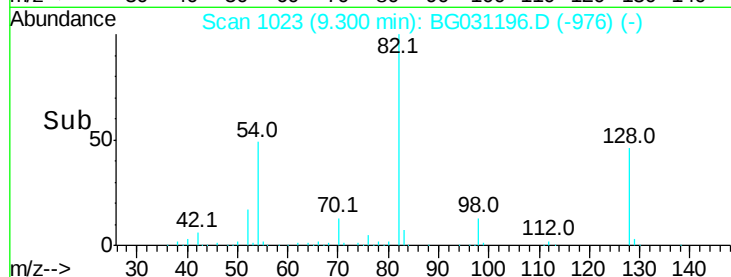
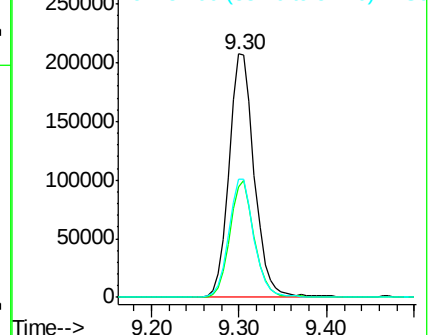
82 100

128 45.6 29.7 44.5#

54 48.6 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: 14.75 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG031196.D

Acq: 22 Nov 2017 19:18

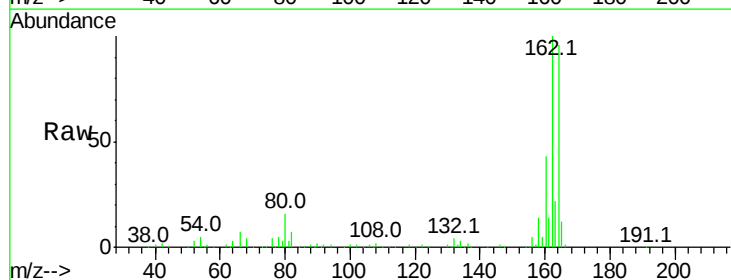
Tgt Ion:164 Resp: 182076

Ion Ratio Lower Upper

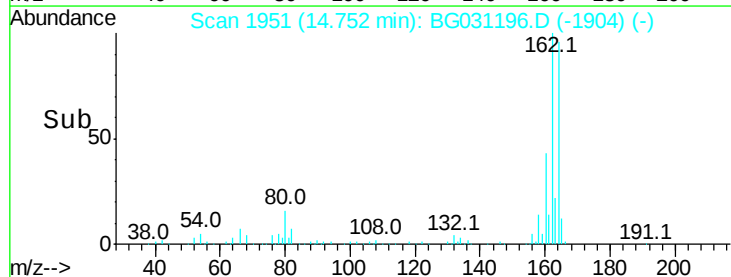
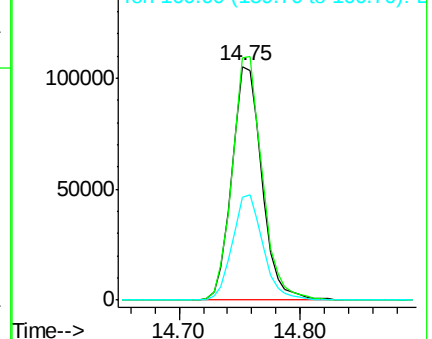
164 100

162 103.7 78.8 118.2

160 44.2 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

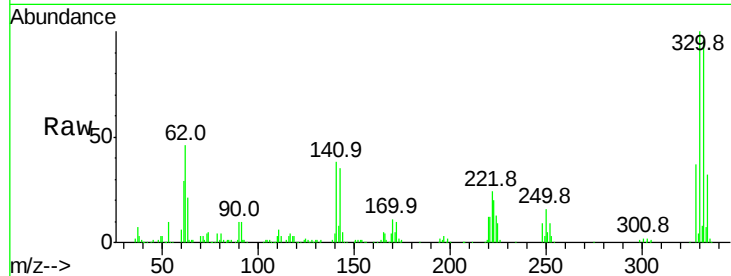




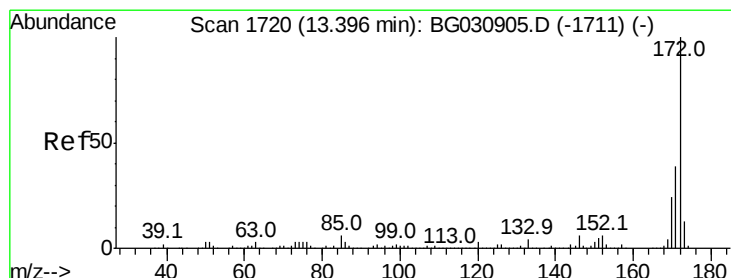
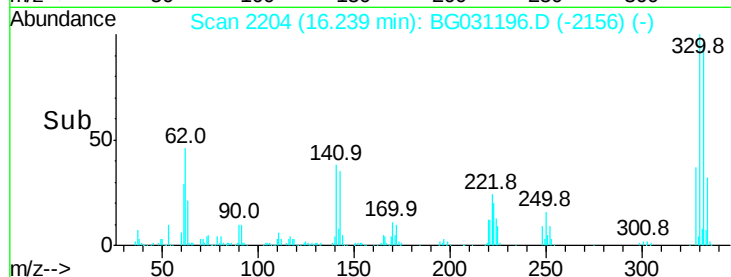
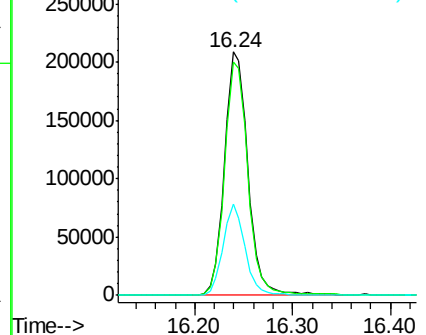
#41
 2,4,6-Tribromophenol
 Concen: 118.227 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031196.D
 Acq: 22 Nov 2017 19:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 348227
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 35.3 25.2 37.8

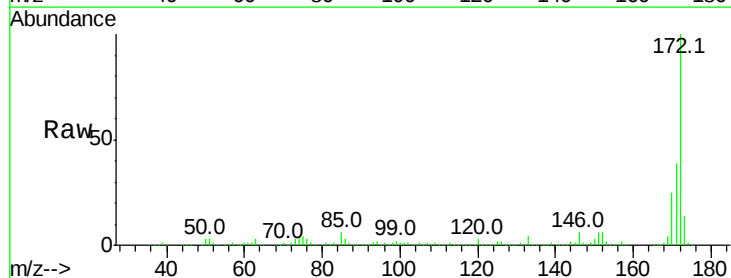


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

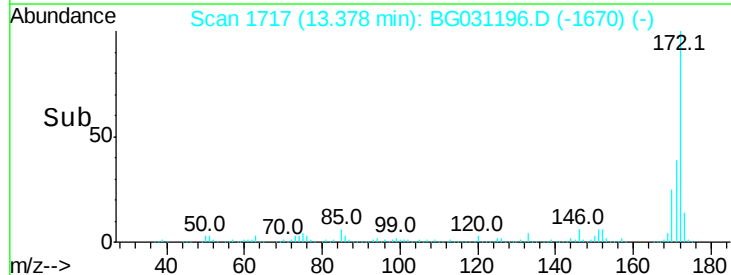
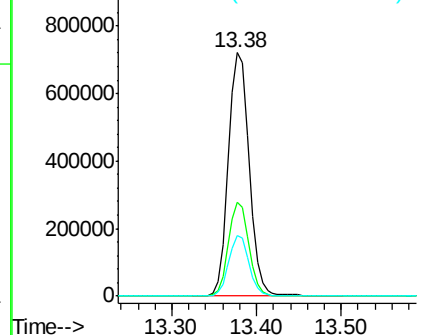


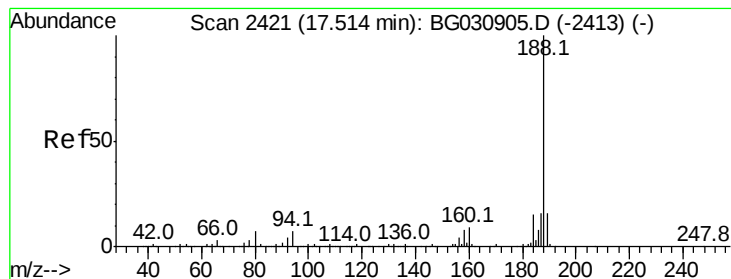
#44
 2-Fluorobiphenyl
 Concen: 97.129 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031196.D
 Acq: 22 Nov 2017 19:18

Tgt Ion:172 Resp: 1230769
 Ion Ratio Lower Upper
 172 100
 171 38.7 30.0 45.0
 170 24.7 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# 2418

Delta R.T. -0.02 min

Lab File: BG031196.D

Acq: 22 Nov 2017 19:18

Instrument :

BNA_G

ClientSampleId :

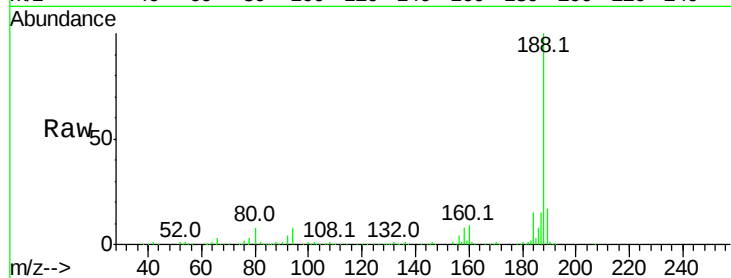
Tot Ion:188 Resp: 470469

Ion Ratio Lower Upper

188 100

94 7.5 6.9 10.3

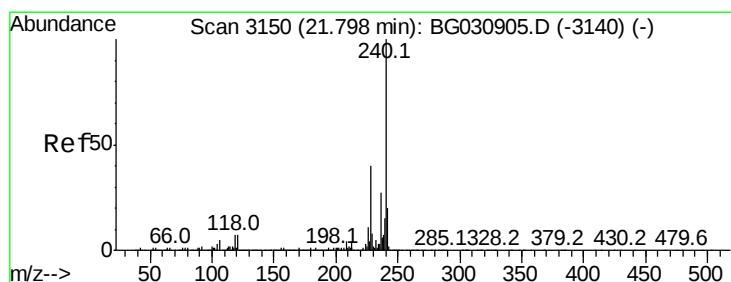
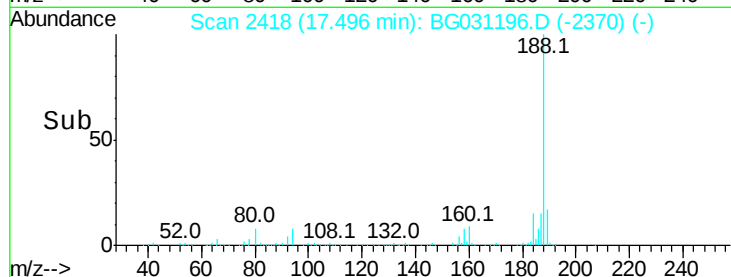
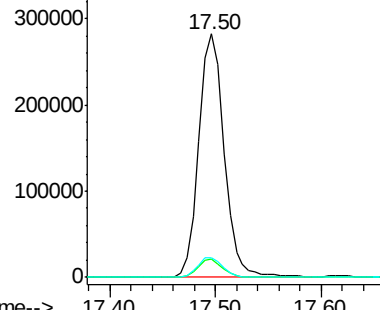
80 7.9 7.7 11.5



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: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031196.D

Acq: 22 Nov 2017 19:18

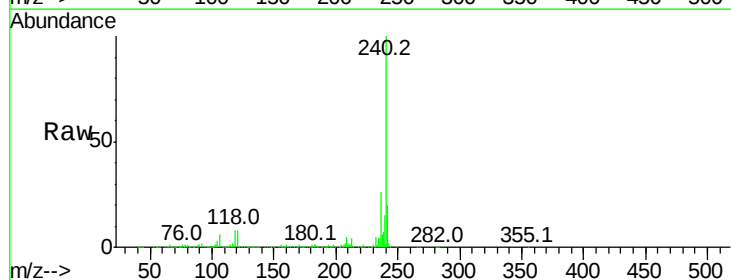
Tgt Ion:240 Resp: 573057

Ion Ratio Lower Upper

240 100

120 7.8 6.8 10.2

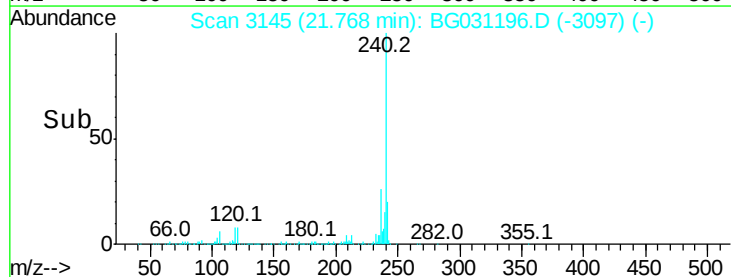
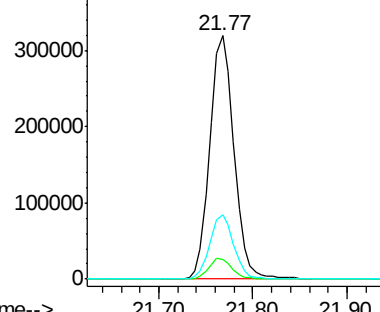
236 26.2 20.9 31.3



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: 84.365 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031196.D

Acq: 22 Nov 2017 19:18

Instrument :

BNA_G

ClientSampleId :

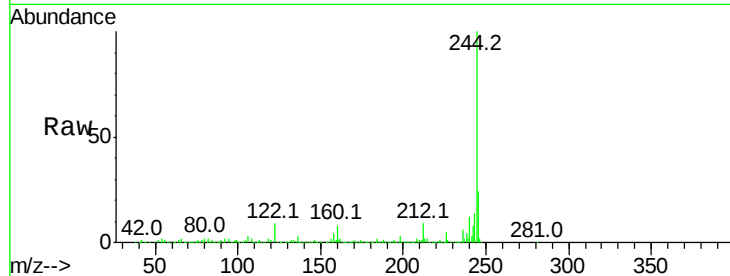
Tot Ion:244 Resp: 2189500

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

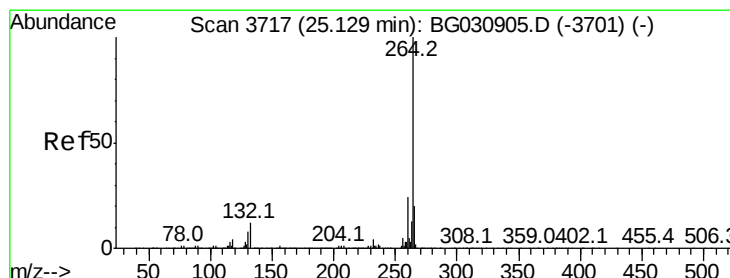
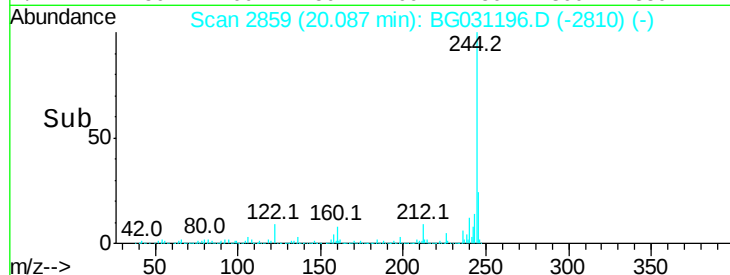
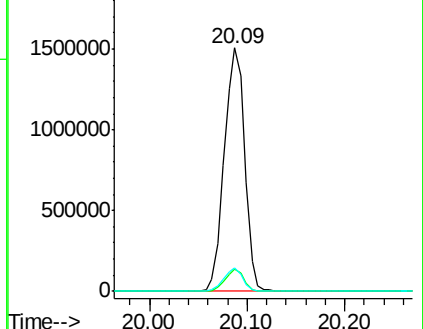
122 9.5 7.0 10.4



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# 3707

Delta R.T. -0.02 min

Lab File: BG031196.D

Acq: 22 Nov 2017 19:18

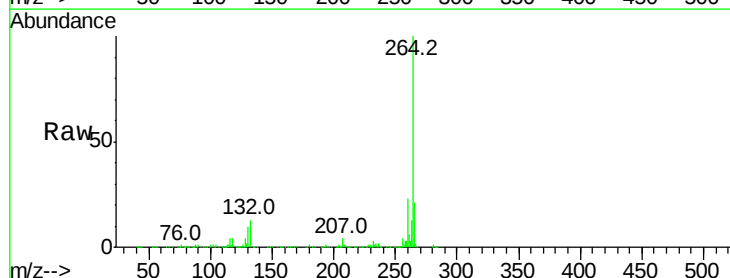
Tgt Ion:264 Resp: 554525

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 21.4 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

