

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
 Data File : BG030958.D
 Acq On : 12 Nov 2017 00:37
 Operator : SJ/JU
 Sample : I6301-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-A

Quant Time: Nov 13 06:10:23 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

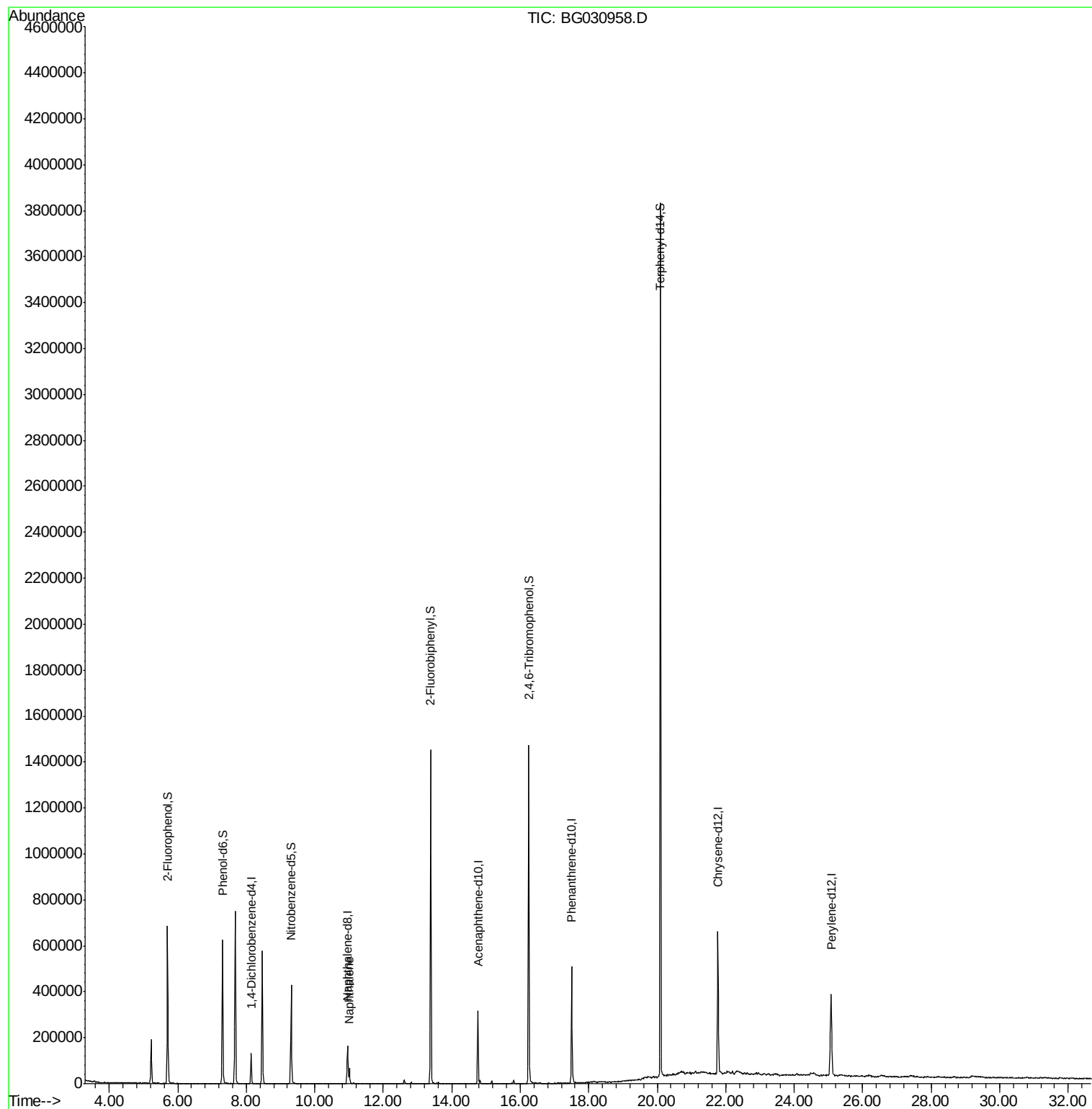
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	38763	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	161058	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	115522	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	331480	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	417728	20.00	ng	-0.01
86) Perylene-d12	25.07	264	422771	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	314346	139.06	ng	0.00
7) Phenol-d6	7.31	99	371334	121.93	ng	0.00
23) Nitrobenzene-d5	9.31	82	274522	101.00	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	341950	182.98	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	842534	104.80	ng	-0.02
78) Terphenyl-d14	20.09	244	1780358	94.11	ng	0.00
Target Compounds						
31) Naphthalene	11.01	128	61294	7.742	ng	Qvalue 96

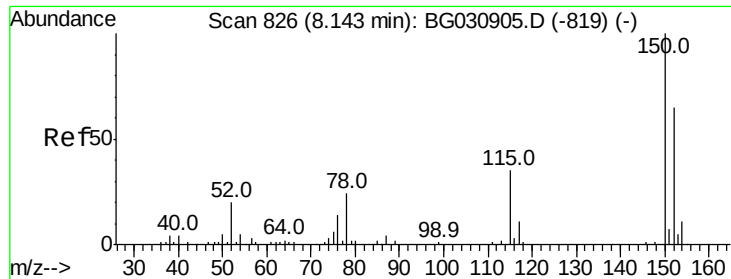
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG030958.D

Acq: 12 Nov 2017 00:37

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-A

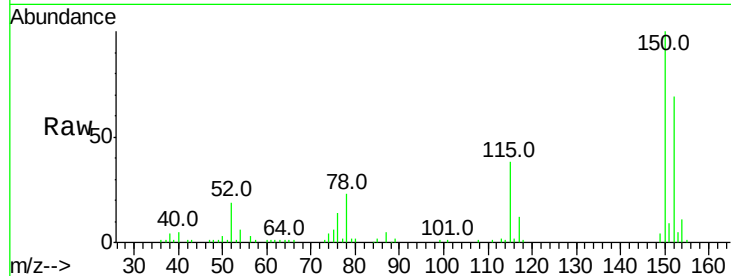
Tot Ion:152 Resp: 38763

Ion Ratio Lower Upper

152 100

150 144.8 126.6 189.8

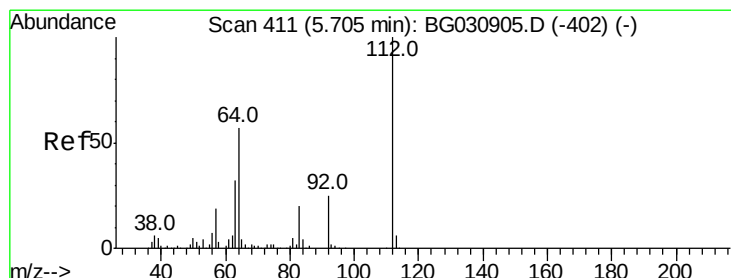
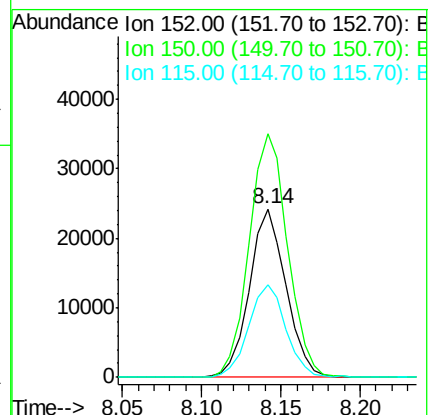
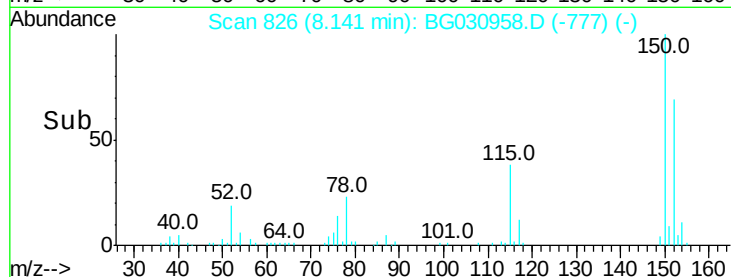
115 55.3 53.0 79.4



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: 139.057 ng

RT: 5.70 min Scan# 411

Delta R.T. -0.00 min

Lab File: BG030958.D

Acq: 12 Nov 2017 00:37

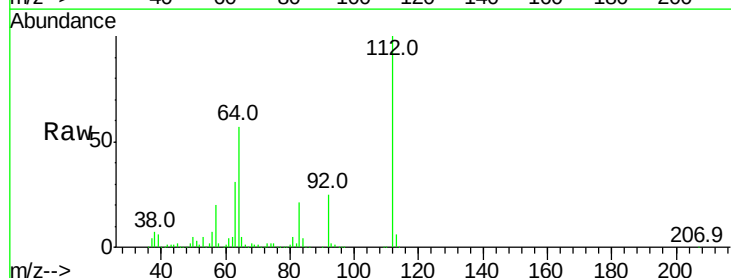
Tgt Ion:112 Resp: 314346

Ion Ratio Lower Upper

112 100

64 57.0 56.3 84.5

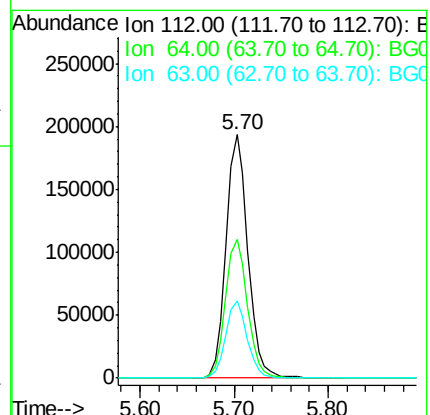
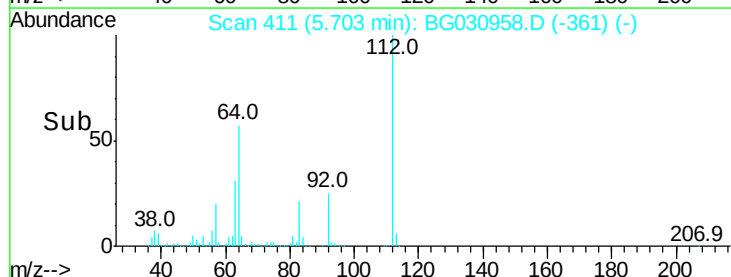
63 31.5 30.1 45.1

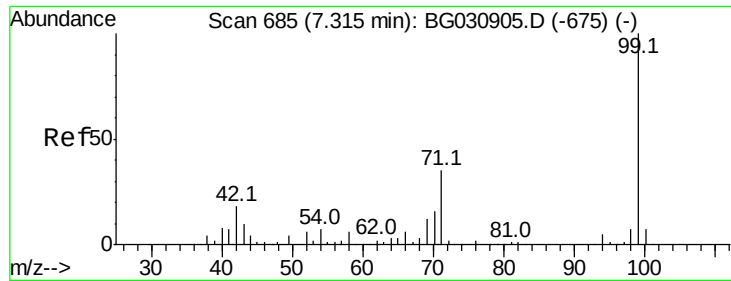


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 121.931 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030958.D

Acq: 12 Nov 2017 00:37

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-A

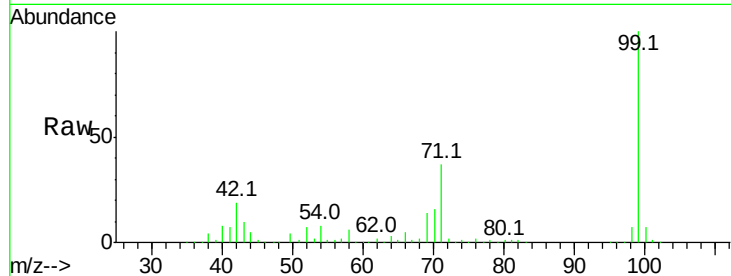
Tot Ion: 99 Resp: 371334

Ion Ratio Lower Upper

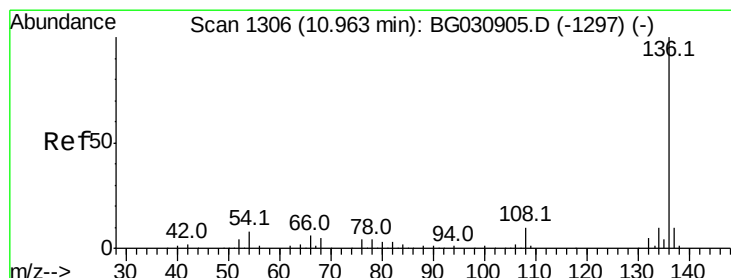
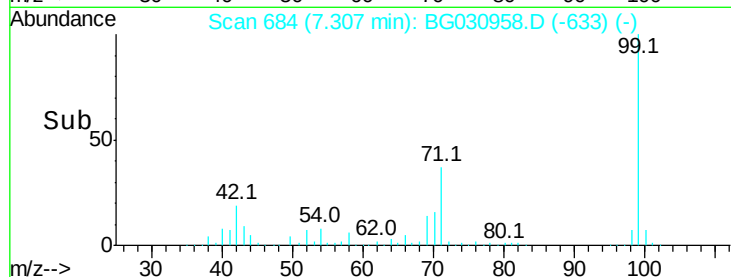
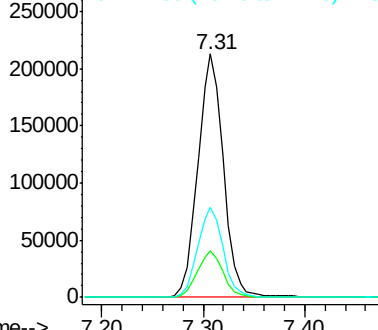
99 100

42 19.0 14.1 21.1

71 36.7 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: BG030958.D

Acq: 12 Nov 2017 00:37

Tgt Ion: 136 Resp: 161058

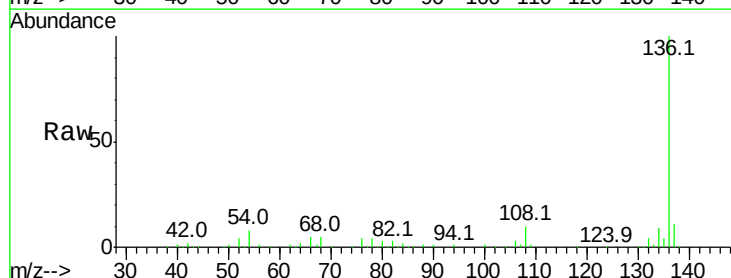
Ion Ratio Lower Upper

136 100

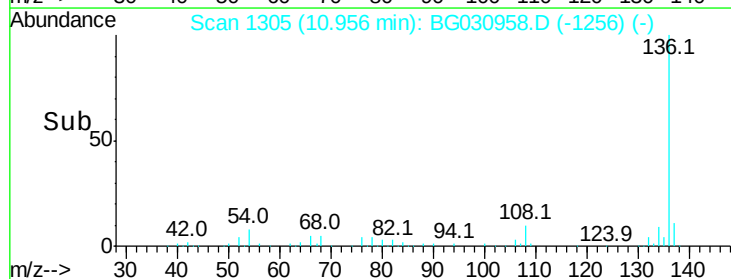
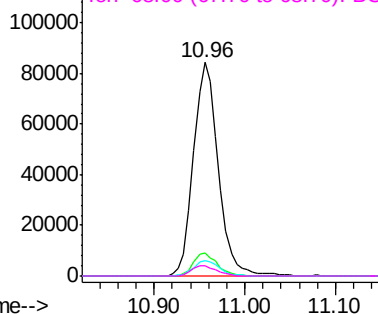
137 10.9 9.2 13.8

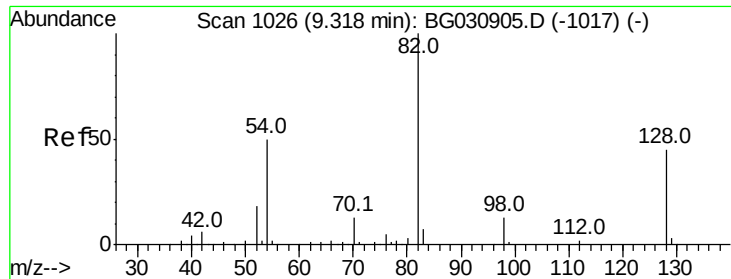
54 7.5 10.3 15.5#

68 4.9 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: 101.002 ng

RT: 9.31 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BG030958.D

Acq: 12 Nov 2017 00:37

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-A

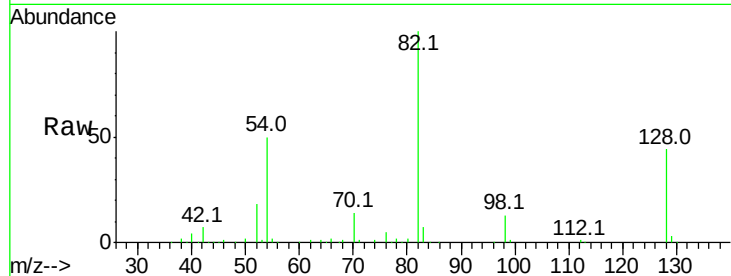
Tot Ion: 82 Resp: 274522

Ion Ratio Lower Upper

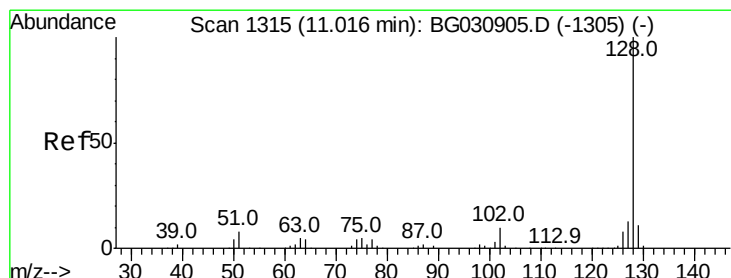
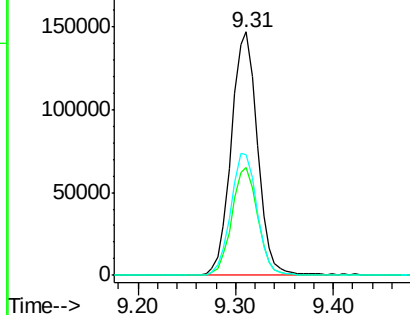
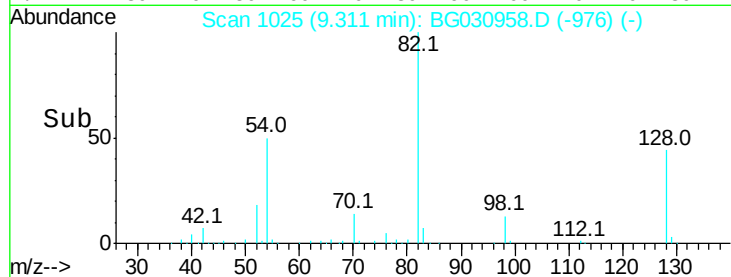
82 100

128 44.5 29.7 44.5

54 49.7 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



#31

Naphthalene

Concen: 7.742 ng

RT: 11.01 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BG030958.D

Acq: 12 Nov 2017 00:37

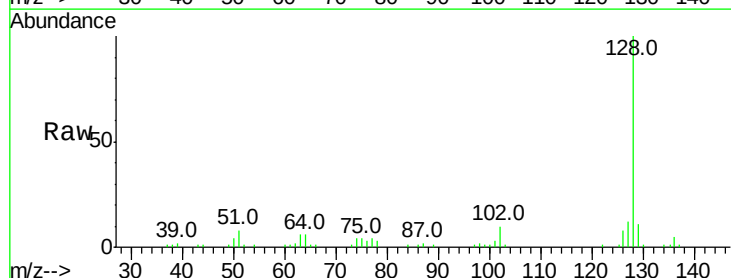
Tgt Ion: 128 Resp: 61294

Ion Ratio Lower Upper

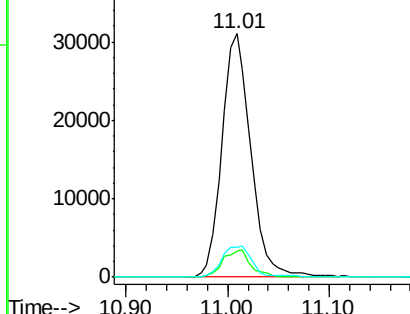
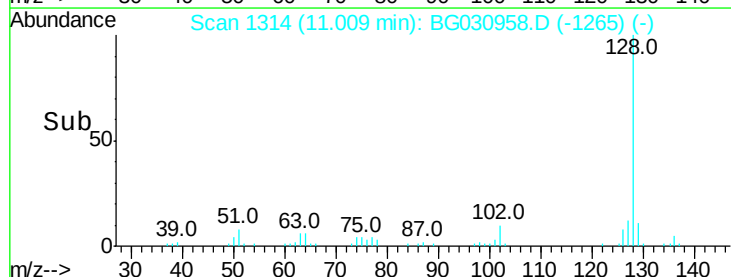
128 100

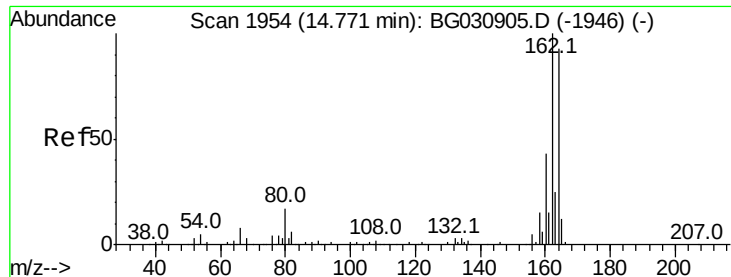
129 10.9 8.6 12.8

127 12.1 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG030958.D

Acq: 12 Nov 2017 00:37

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-A

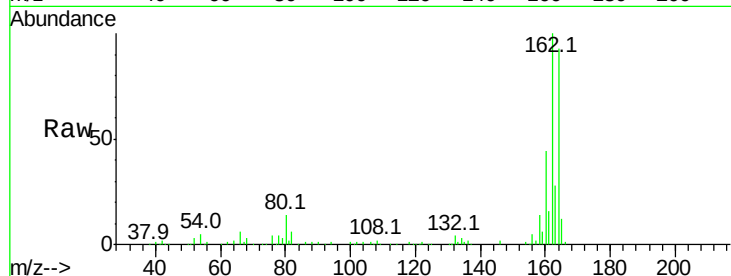
Tot Ion:164 Resp: 115522

Ion Ratio Lower Upper

164 100

162 107.8 78.8 118.2

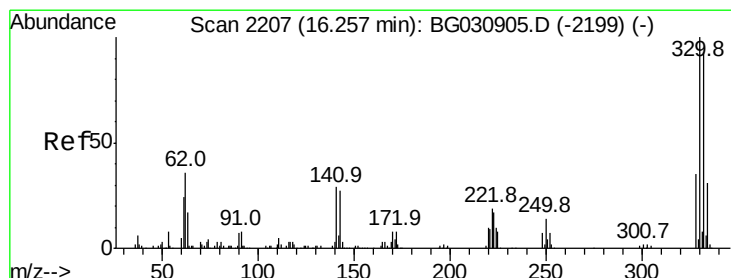
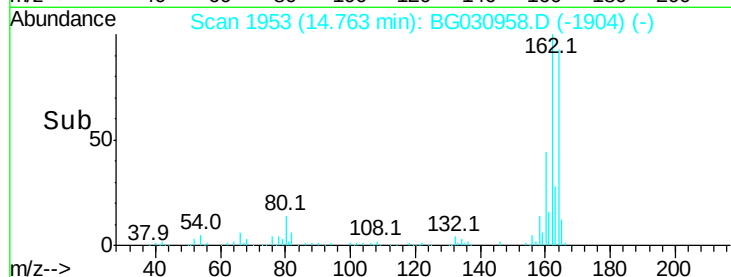
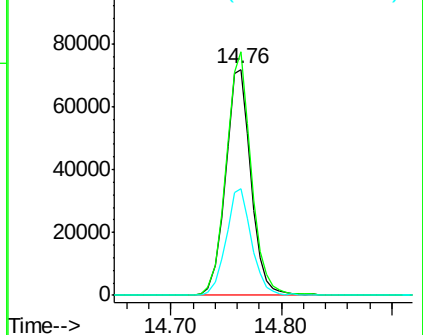
160 47.1 35.4 53.0



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: 182.981 ng

RT: 16.24 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG030958.D

Acq: 12 Nov 2017 00:37

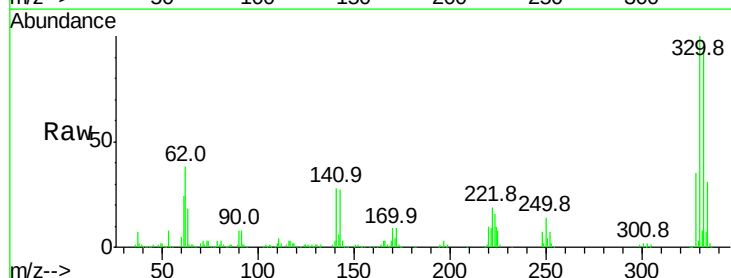
Tgt Ion:330 Resp: 341950

Ion Ratio Lower Upper

330 100

332 94.9 77.0 115.6

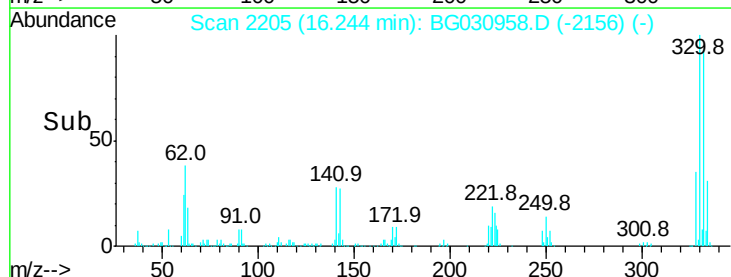
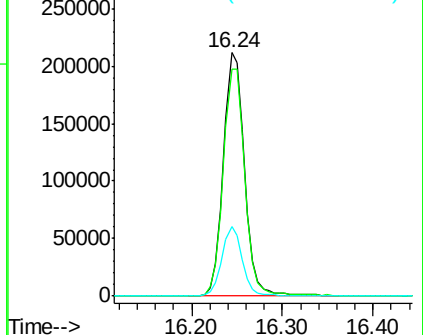
141 27.5 25.2 37.8

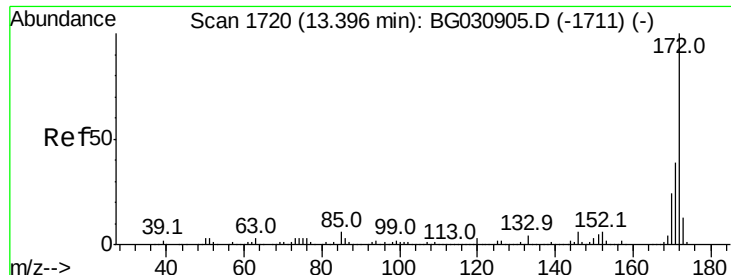


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

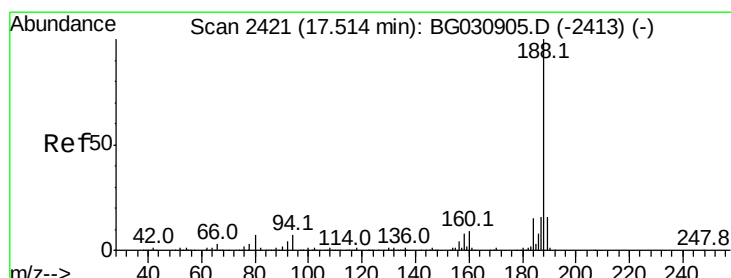
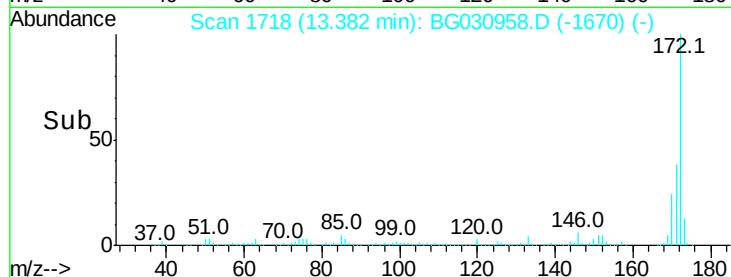
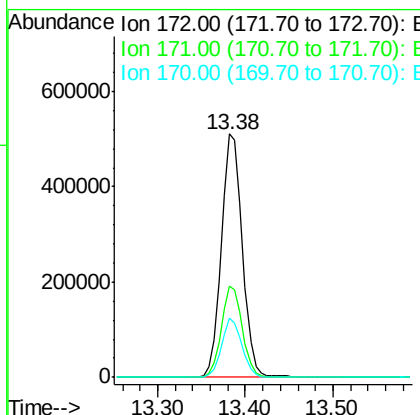
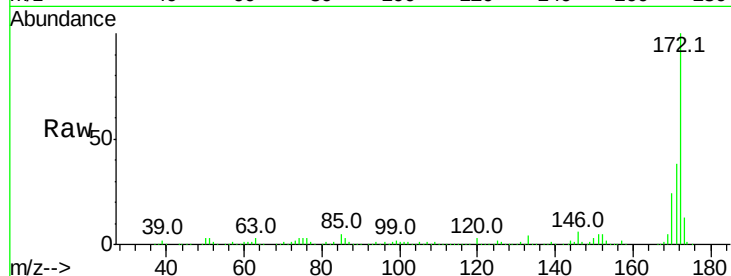




#44
 2-Fluorobiphenyl
 Concen: 104.796 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG030958.D
 Acq: 12 Nov 2017 00:37

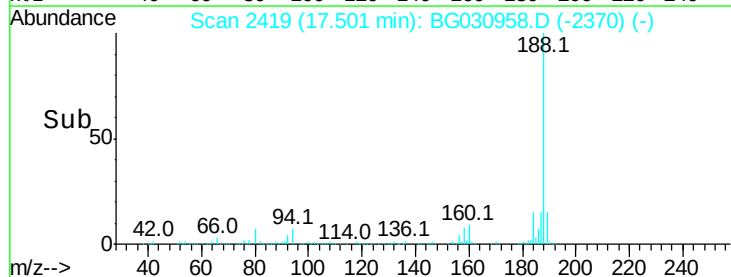
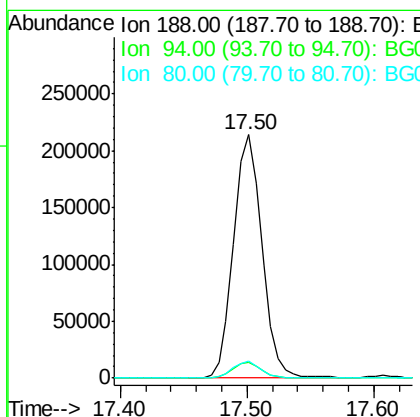
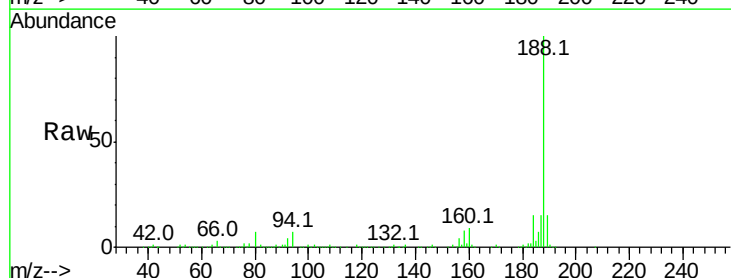
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-A

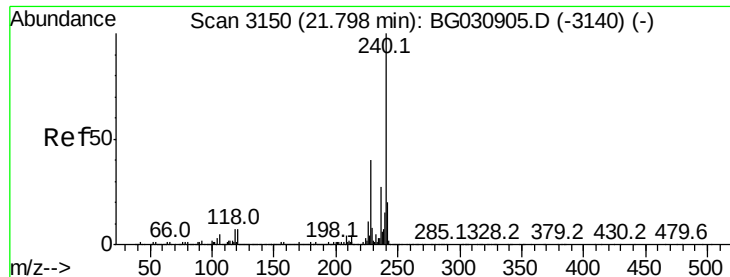
Tot Ion:172 Resp: 842534
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.0 45.0
 170 24.2 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG030958.D
 Acq: 12 Nov 2017 00:37

Tgt Ion:188 Resp: 331480
 Ion Ratio Lower Upper
 188 100
 94 6.6 6.9 10.3#
 80 7.1 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG030958.D

Acq: 12 Nov 2017 00:37

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-A

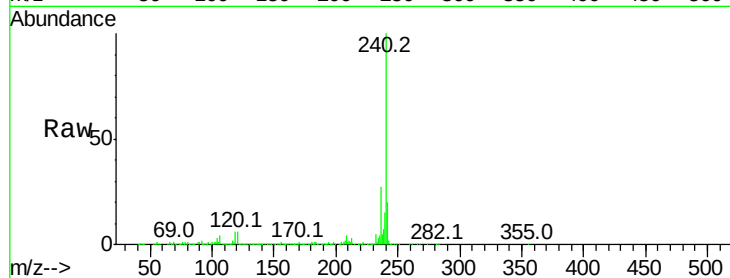
Tot Ion:240 Resp: 417728

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

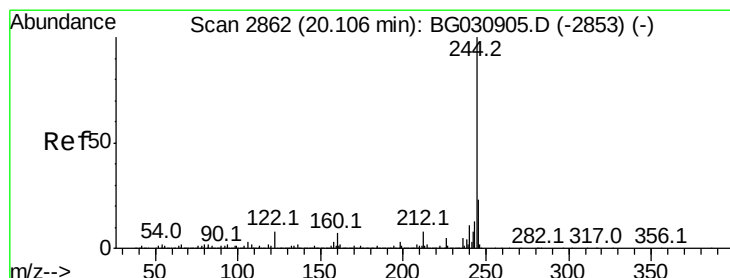
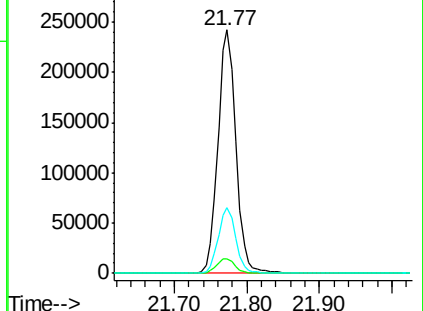
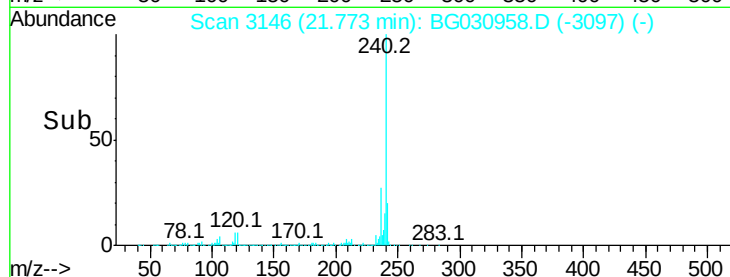
236 27.2 20.9 31.3



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: 94.109 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG030958.D

Acq: 12 Nov 2017 00:37

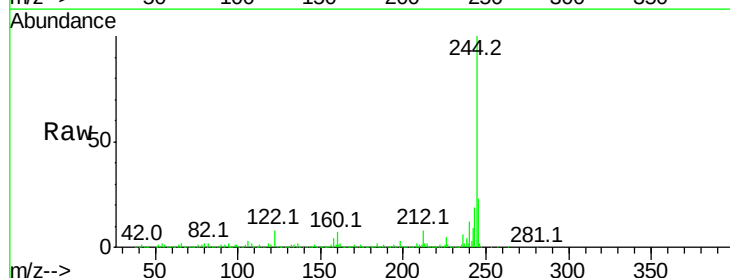
Tgt Ion:244 Resp: 1780358

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

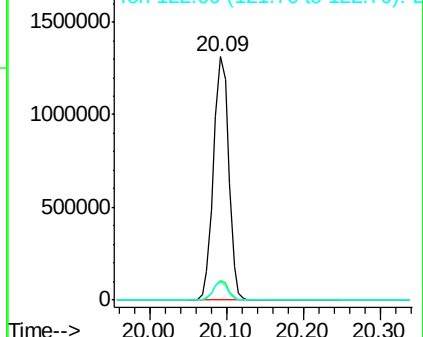
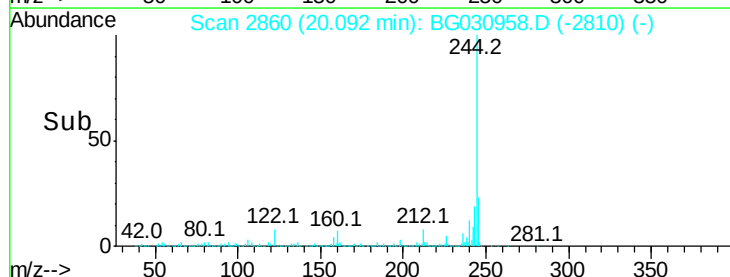
122 7.6 7.0 10.4

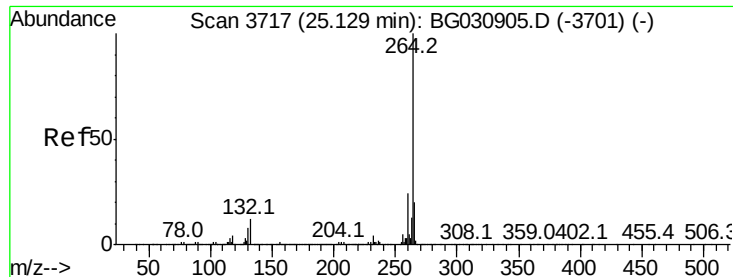


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

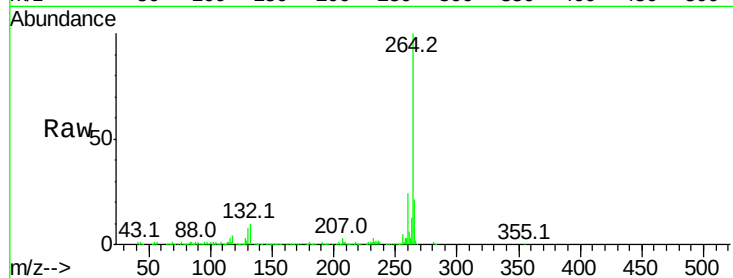




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3708
 Delta R.T. -0.02 min
 Lab File: BG030958.D
 Acq: 12 Nov 2017 00:37

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.5	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

