

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
 Data File : BG030934.D
 Acq On : 11 Nov 2017 9:00
 Operator : SJ/JU
 Sample : I6289-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-110817

Quant Time: Nov 13 03:44:37 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

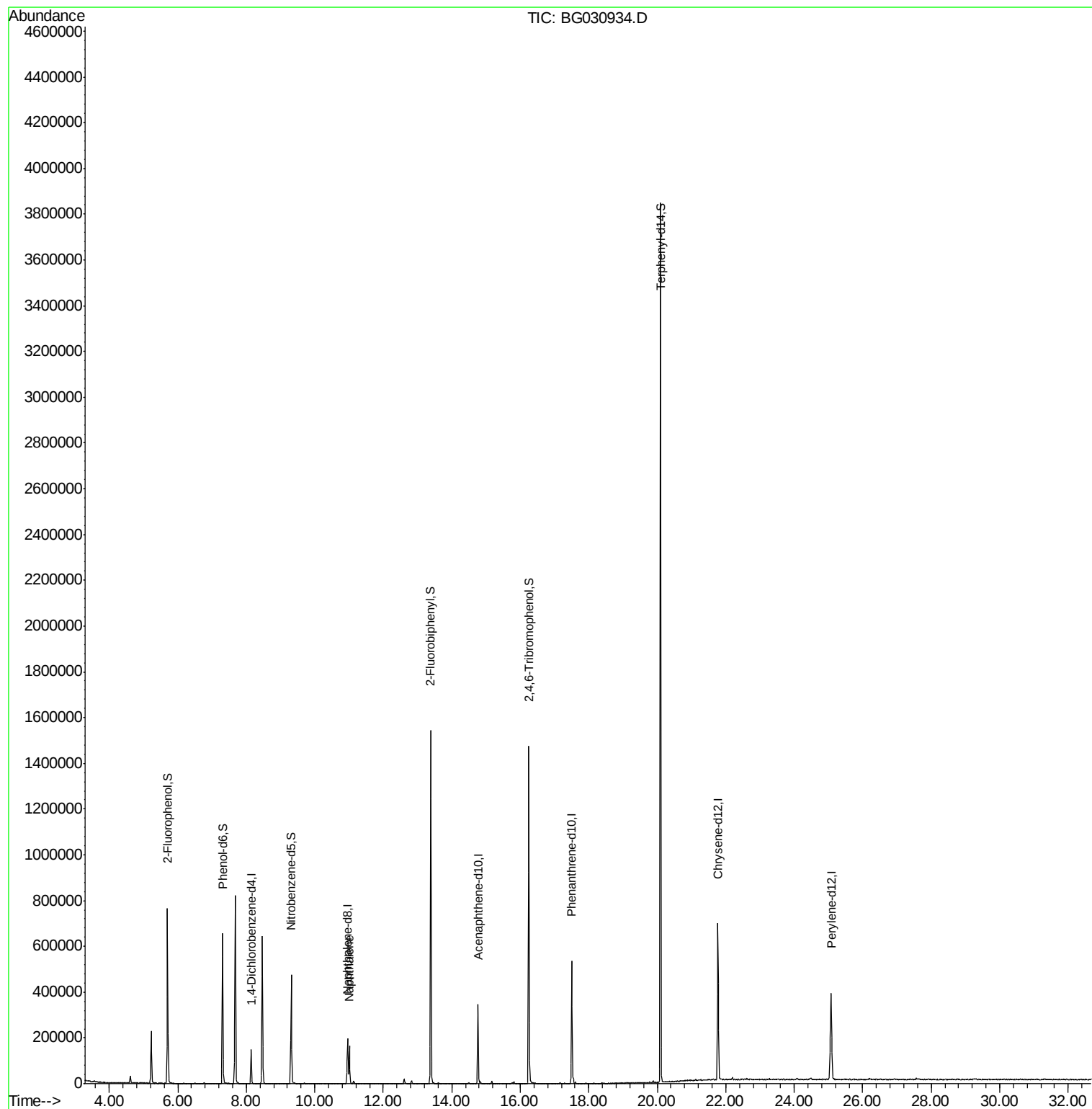
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	43049	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	185556	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	125202	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	356037	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	456369	20.00	ng	-0.01
86) Perylene-d12	25.08	264	440760	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	351549	140.03	ng	0.00
7) Phenol-d6	7.31	99	404697	119.66	ng	0.00
23) Nitrobenzene-d5	9.31	82	303081	96.79	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	341049	168.39	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	868942	99.72	ng	-0.01
78) Terphenyl-d14	20.10	244	1854281	89.72	ng	0.00
Target Compounds						
31) Naphthalene	11.01	128	146310	16.040	ng	Qvalue 99

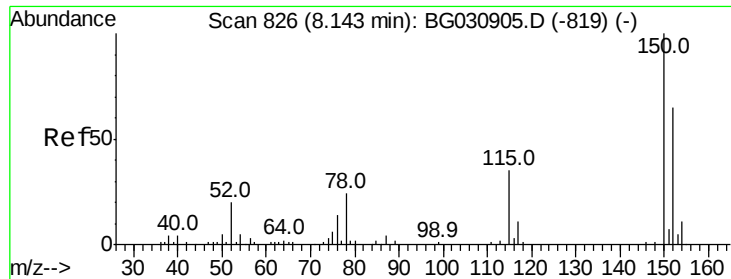
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG030934.D

Acq: 11 Nov 2017 9:00

Instrument :

BNA_G

ClientSampleId :

SU-02-110817

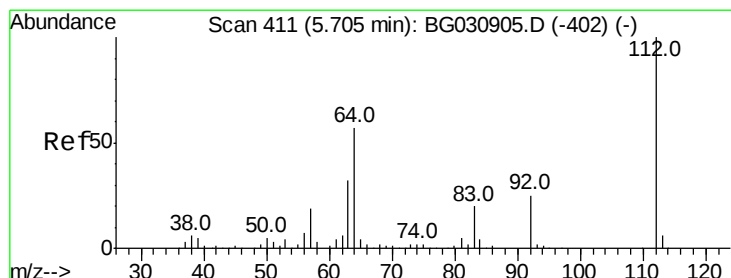
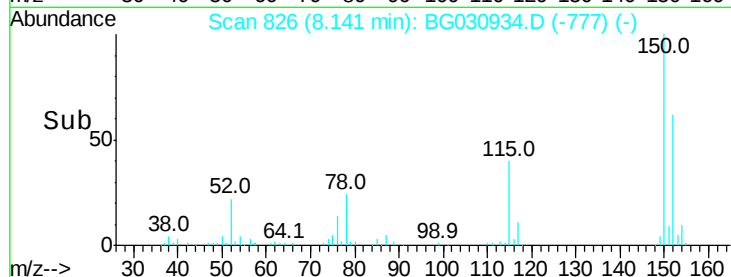
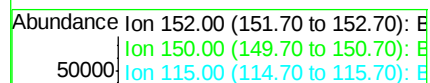
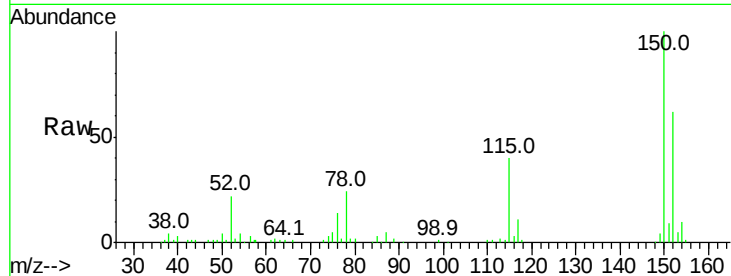
Tot Ion:152 Resp: 43049

Ion Ratio Lower Upper

152 100

150 160.7 126.6 189.8

115 63.6 53.0 79.4



#5

2-Fluorophenol

Concen: 140.032 ng

RT: 5.70 min Scan# 411

Delta R.T. -0.01 min

Lab File: BG030934.D

Acq: 11 Nov 2017 9:00

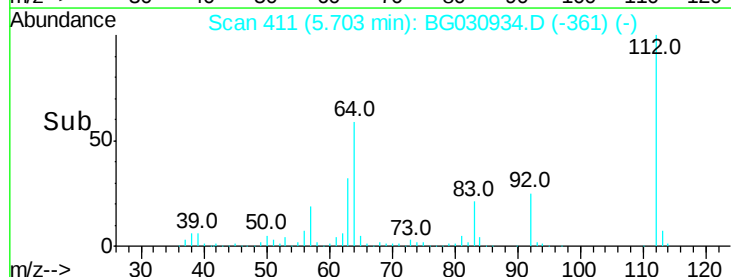
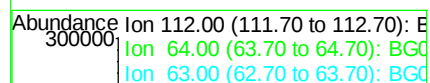
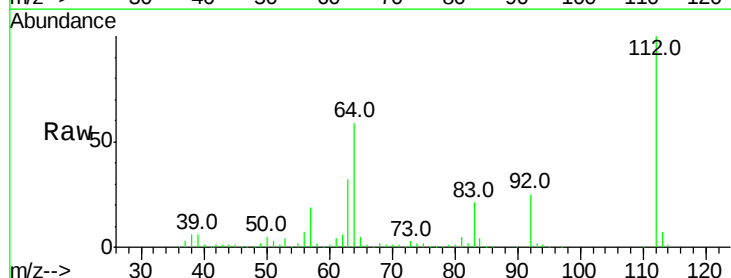
Tgt Ion:112 Resp: 351549

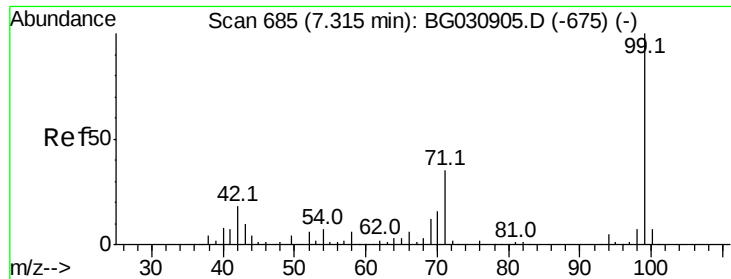
Ion Ratio Lower Upper

112 100

64 59.2 56.3 84.5

63 31.9 30.1 45.1





#7

Phenol-d6

Concen: 119.655 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG030934.D

Acq: 11 Nov 2017 9:00

Instrument :

BNA_G

ClientSampleId :

SU-02-110817

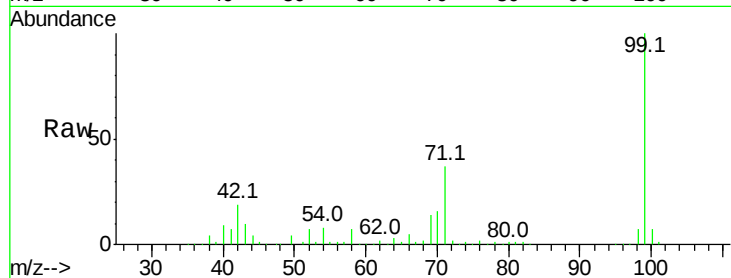
Tot Ion: 99 Resp: 404697

Ion Ratio Lower Upper

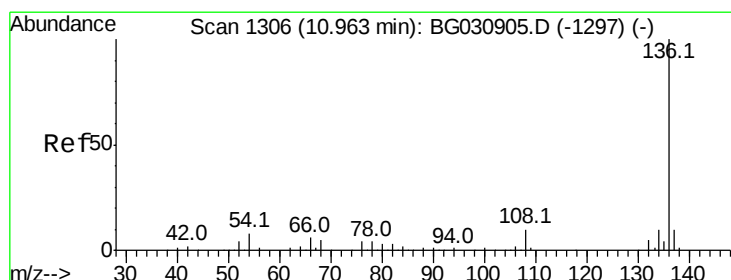
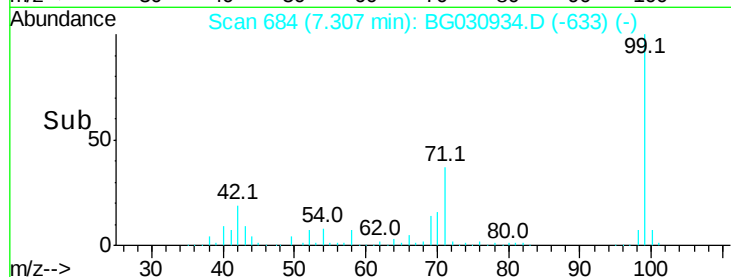
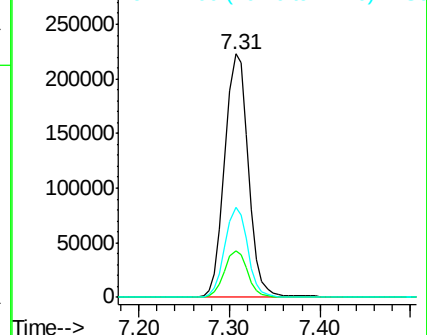
99 100

42 19.1 14.1 21.1

71 36.9 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: BG030934.D

Acq: 11 Nov 2017 9:00

Tgt Ion: 136 Resp: 185556

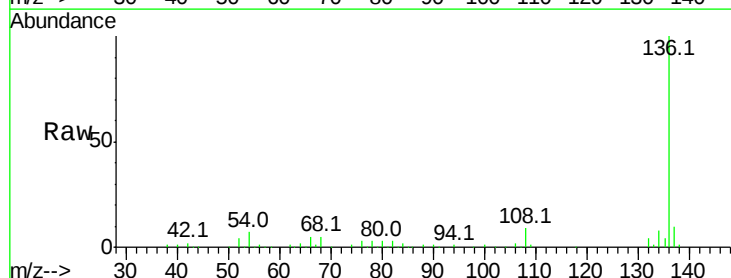
Ion Ratio Lower Upper

136 100

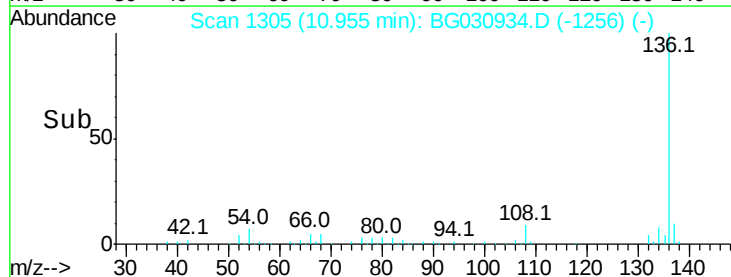
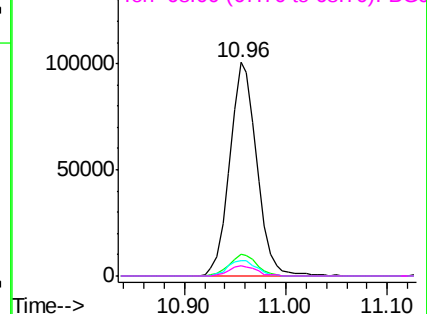
137 10.4 9.2 13.8

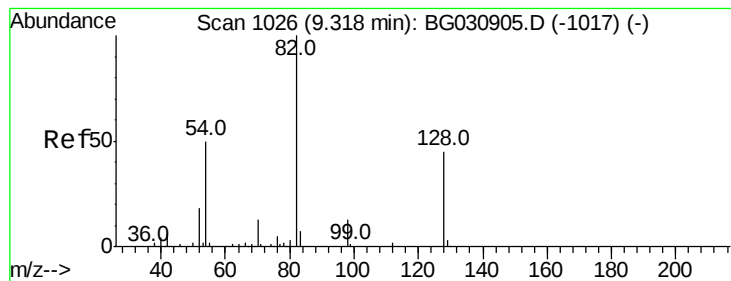
54 7.4 10.3 15.5#

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: 96.787 ng

RT: 9.31 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BG030934.D

Acq: 11 Nov 2017 9:00

Instrument :

BNA_G

ClientSampleId :

SU-02-110817

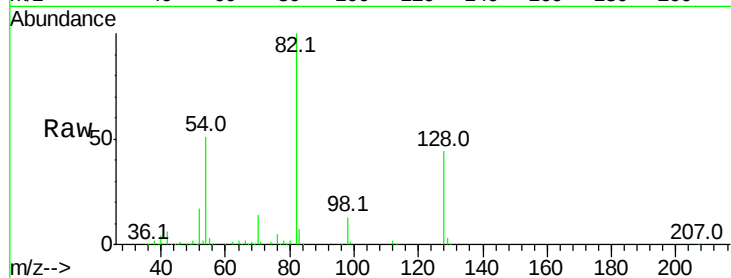
Tot Ion: 82 Resp: 303081

Ion Ratio Lower Upper

82 100

128 44.2 29.7 44.5

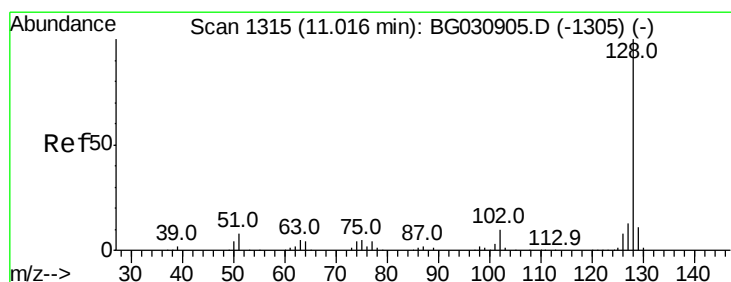
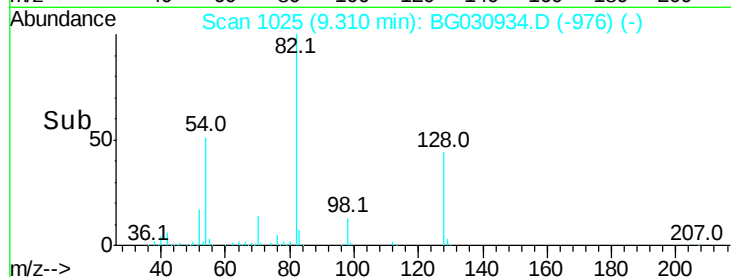
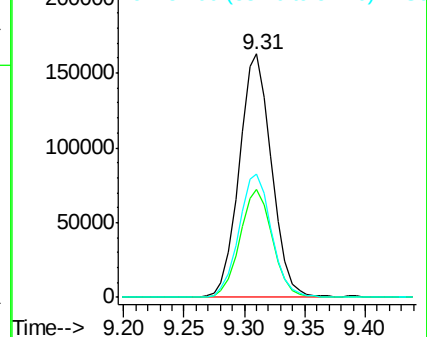
54 50.9 43.1 64.7



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: 16.040 ng

RT: 11.01 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BG030934.D

Acq: 11 Nov 2017 9:00

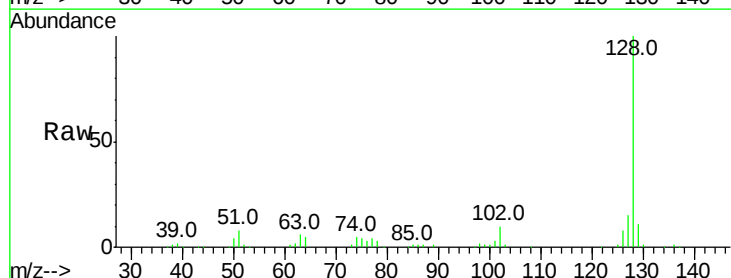
Tgt Ion: 128 Resp: 146310

Ion Ratio Lower Upper

128 100

129 11.1 8.6 12.8

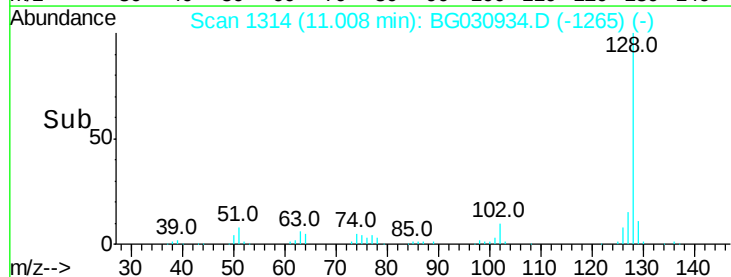
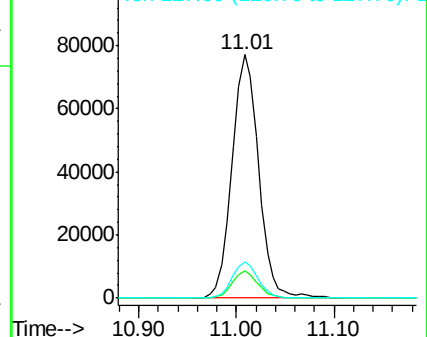
127 15.0 11.6 17.4

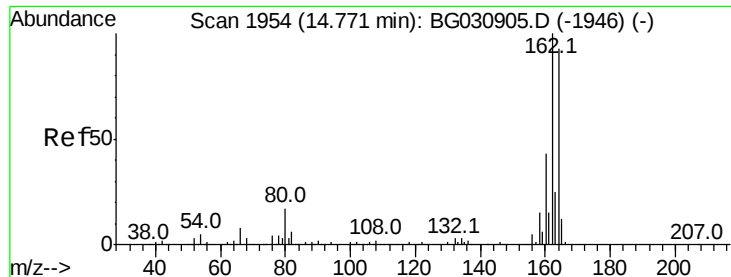


Abundance Ion 128.00 (127.70 to 128.70): BGC

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: BG030934.D

Acq: 11 Nov 2017 9:00

Instrument :

BNA_G

ClientSampleId :

SU-02-110817

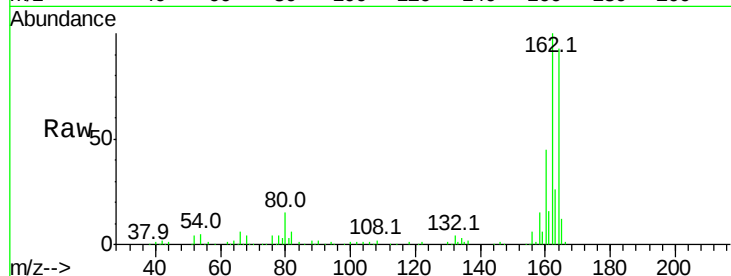
Tot Ion:164 Resp: 125202

Ion Ratio Lower Upper

164 100

162 107.0 78.8 118.2

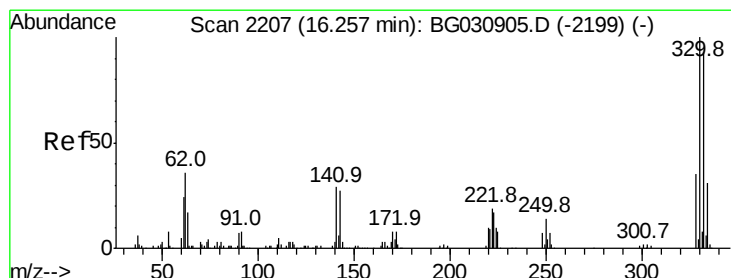
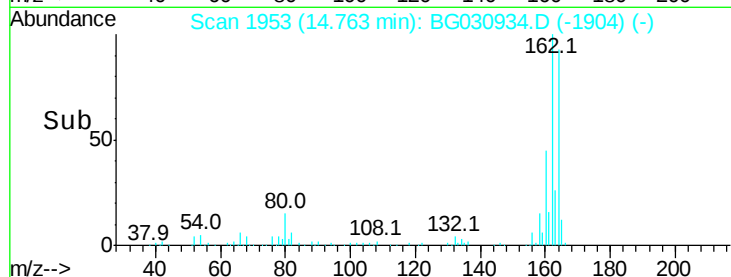
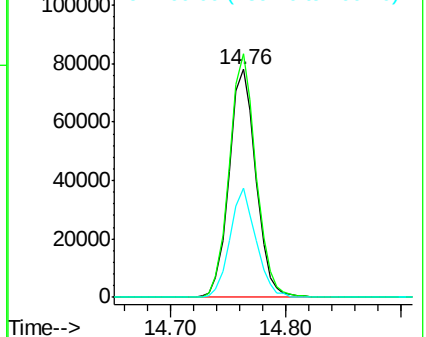
160 47.8 35.4 53.0



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: 168.389 ng

RT: 16.25 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BG030934.D

Acq: 11 Nov 2017 9:00

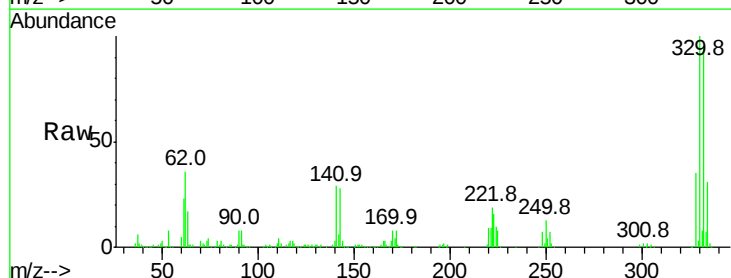
Tgt Ion:330 Resp: 341049

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

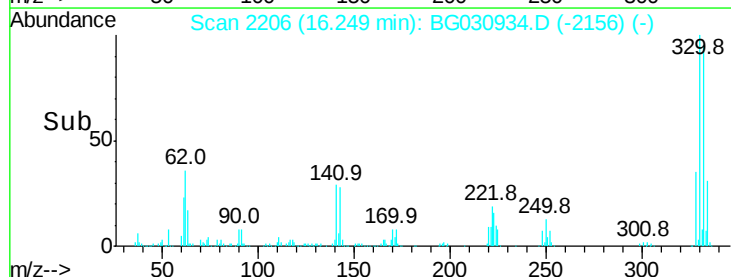
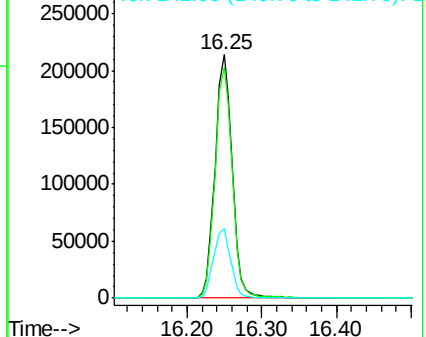
141 28.7 25.2 37.8

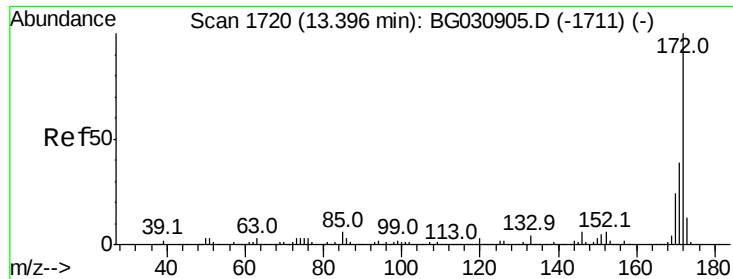


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

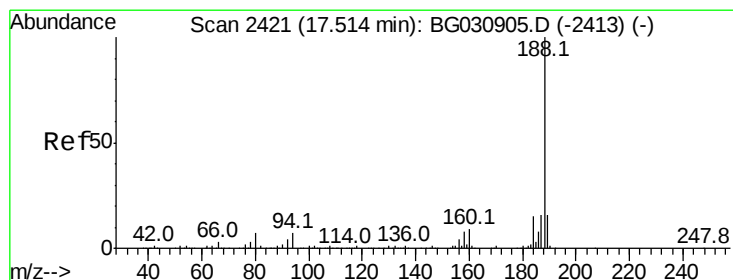
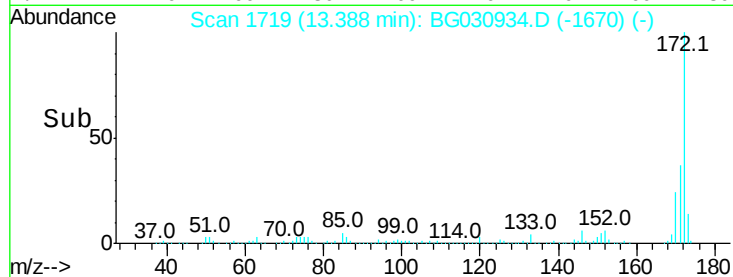
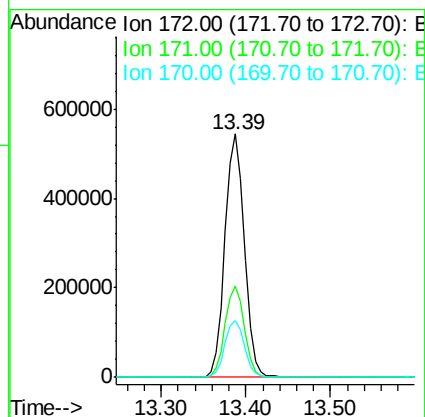
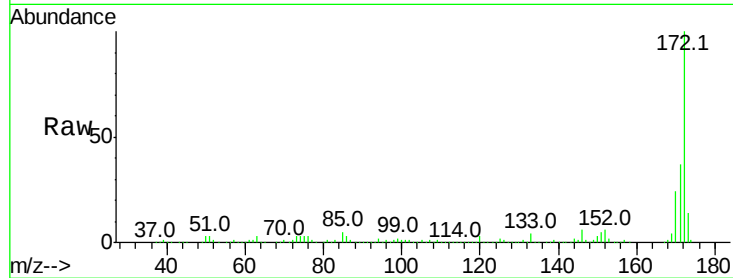




#44
 2-Fluorobiphenyl
 Concen: 99.725 ng
 RT: 13.39 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG030934.D
 Acq: 11 Nov 2017 9:00

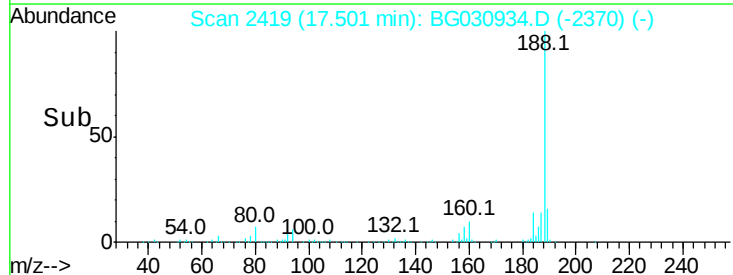
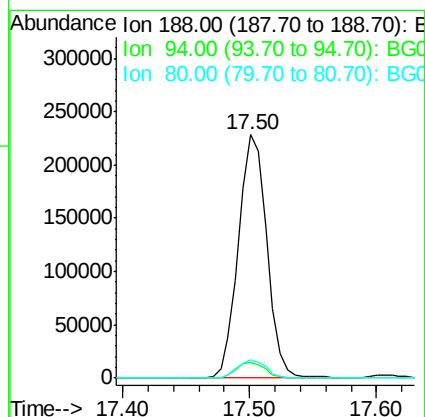
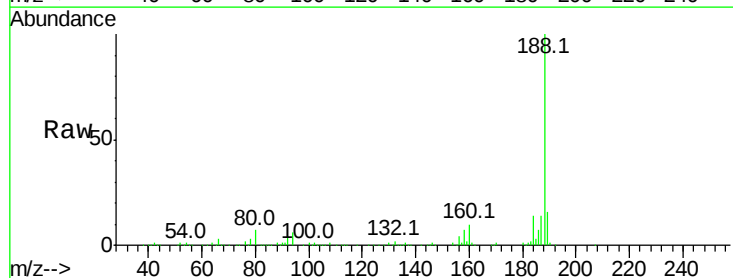
Instrument :
 BNA_G
 ClientSampleId :
 SU-02-110817

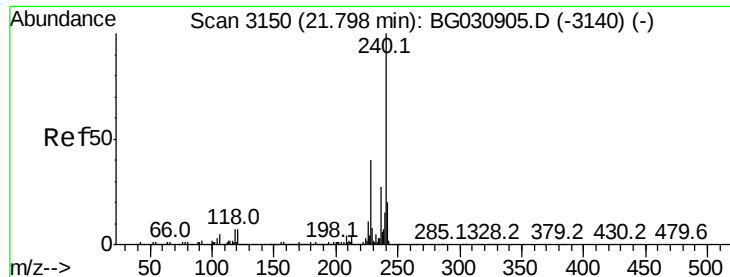
Tot Ion:172 Resp: 868942
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.0 45.0
 170 23.5 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG030934.D
 Acq: 11 Nov 2017 9:00

Tgt Ion:188 Resp: 356037
 Ion Ratio Lower Upper
 188 100
 94 6.4 6.9 10.3#
 80 7.4 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: BG030934.D

Acq: 11 Nov 2017 9:00

Instrument :

BNA_G

ClientSampleId :

SU-02-110817

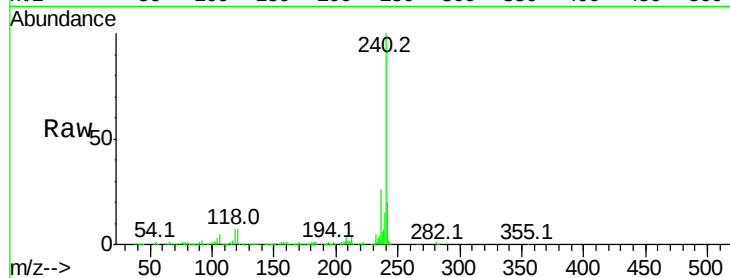
Tot Ion:240 Resp: 456369

Ion Ratio Lower Upper

240 100

120 7.2 6.8 10.2

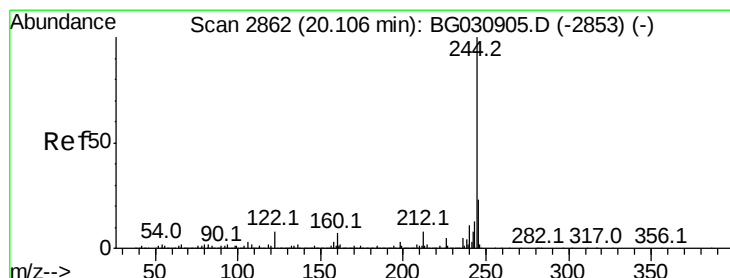
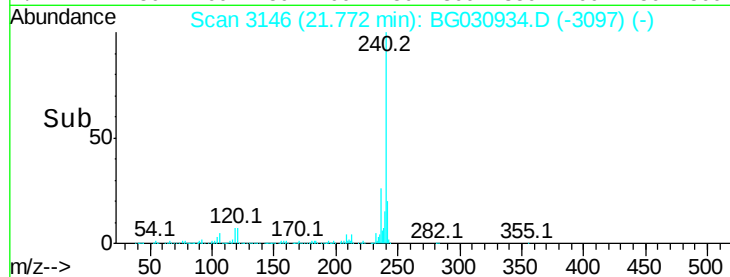
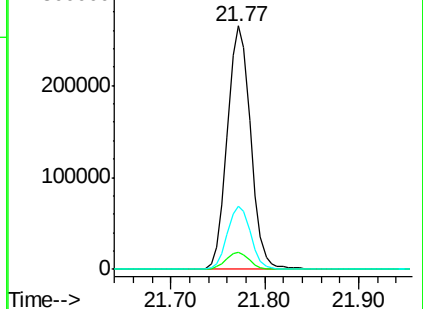
236 26.2 20.9 31.3



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: 89.717 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG030934.D

Acq: 11 Nov 2017 9:00

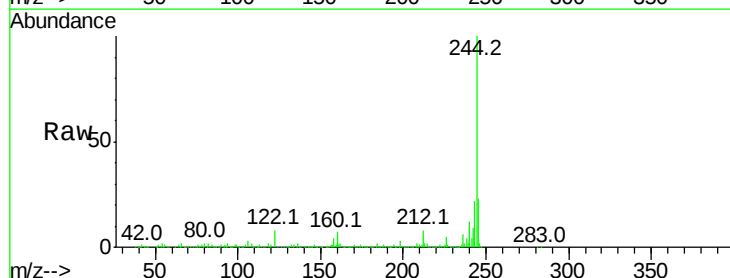
Tgt Ion:244 Resp: 1854281

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

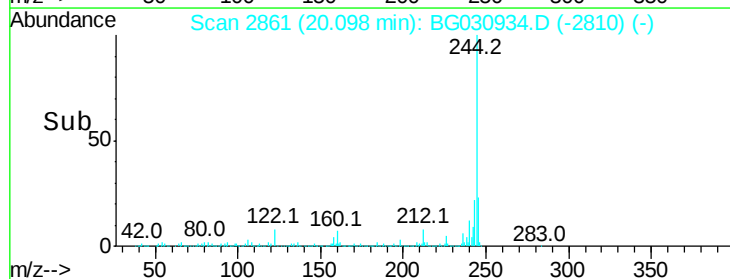
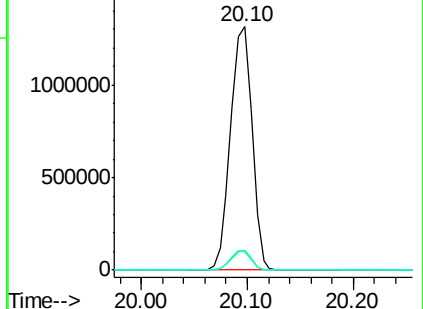
122 7.7 7.0 10.4

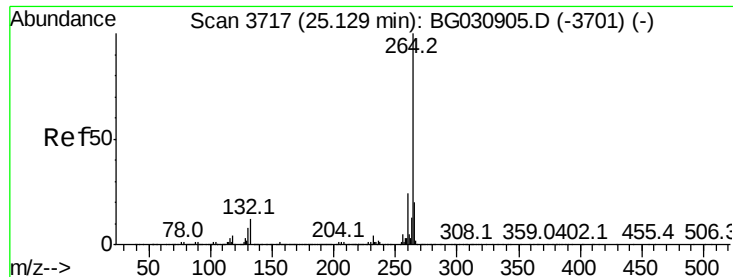


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3709
 Delta R.T. -0.01 min
 Lab File: BG030934.D
 Acq: 11 Nov 2017 9:00

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-110817

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	22.1	17.7	26.5

