

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
 Data File : BG031209.D
 Acq On : 23 Nov 2017 4:29
 Operator : SJ/JU
 Sample : I6305-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-112017-A

Quant Time: Nov 23 05:40:18 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

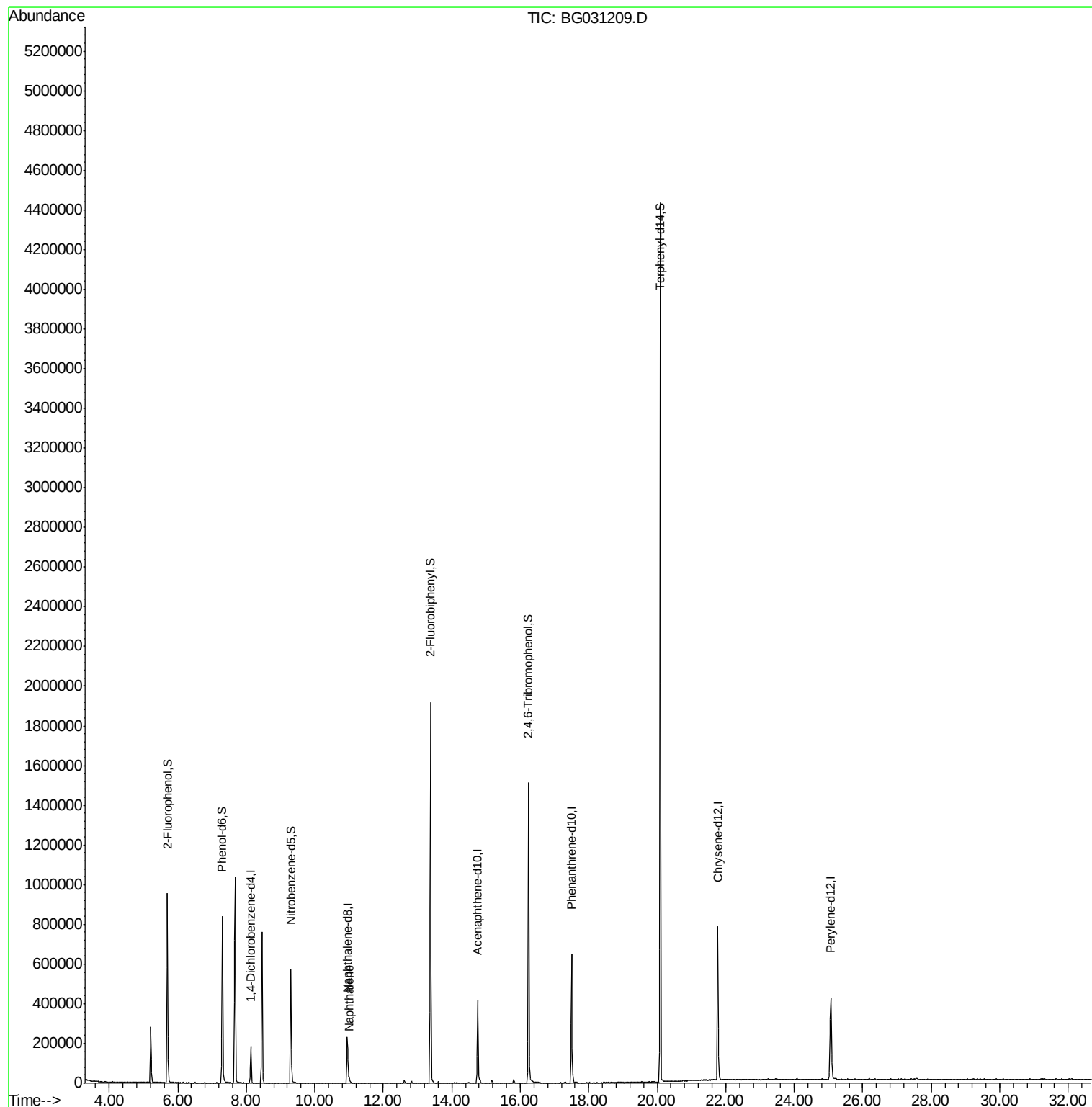
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	57367	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	252553	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	166871	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	433852	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	520646	20.00	ng	-0.02
86) Perylene-d12	25.07	264	506071	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	473082	141.41	ng	-0.01
7) Phenol-d6	7.30	99	561013	124.47	ng	0.00
23) Nitrobenzene-d5	9.30	82	393280	92.27	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	330337	122.37	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1138533	98.04	ng	-0.02
78) Terphenyl-d14	20.09	244	2171921	92.11	ng	-0.01
Target Compounds						
31) Naphthalene	11.00	128	27720	2.233	ng	Qvalue 98

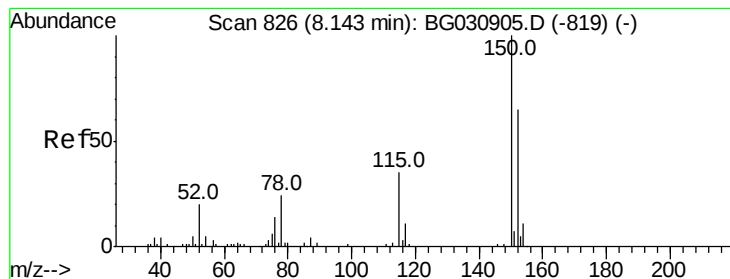
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 825

Delta R.T. -0.02 min

Lab File: BG031209.D

Acq: 23 Nov 2017 4:29

Instrument :

BNA_G

ClientSampleId :

PL-02-112017-A

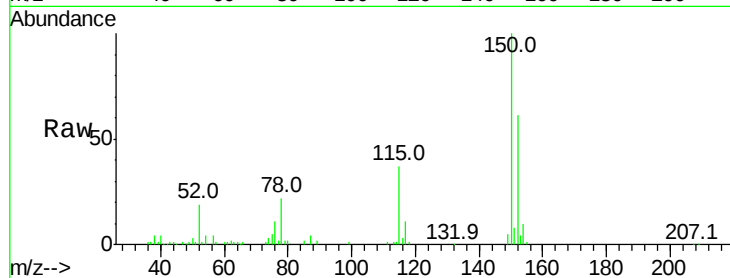
Tot Ion:152 Resp: 57367

Ion Ratio Lower Upper

152 100

150 163.5 126.6 189.8

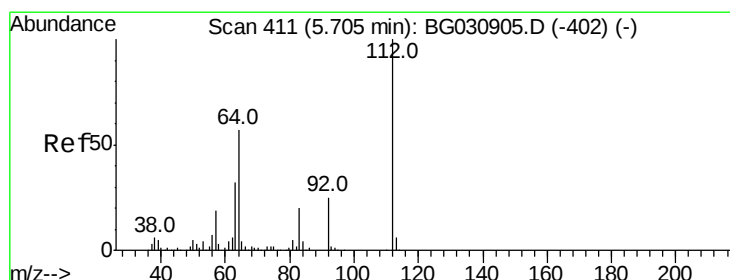
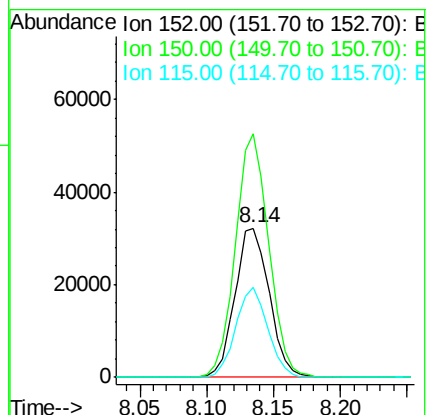
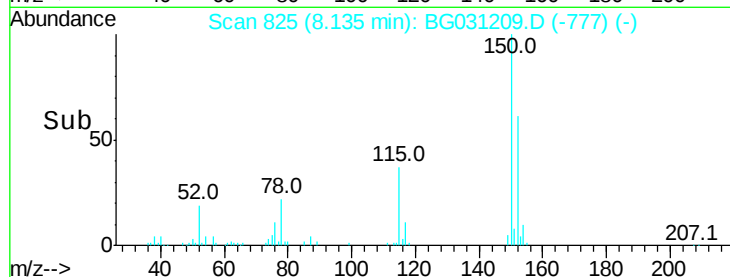
115 60.8 53.0 79.4



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: 141.409 ng

RT: 5.70 min Scan# 410

Delta R.T. -0.01 min

Lab File: BG031209.D

Acq: 23 Nov 2017 4:29

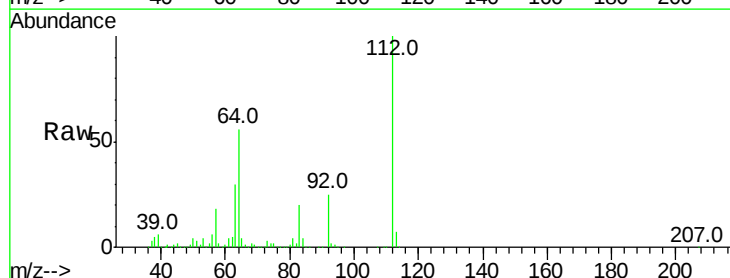
Tgt Ion:112 Resp: 473082

Ion Ratio Lower Upper

112 100

64 56.3 56.3 84.5

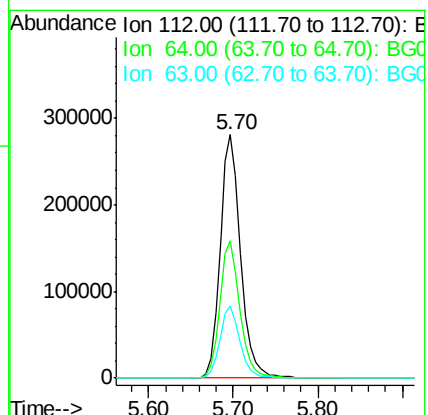
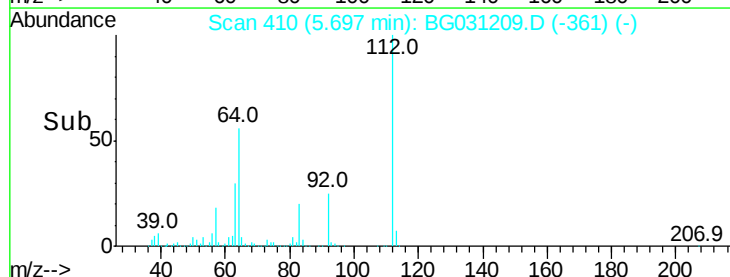
63 29.8 30.1 45.1#

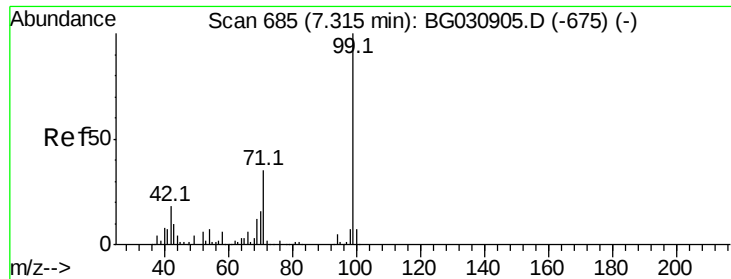


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 124.473 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG031209.D

Acq: 23 Nov 2017 4:29

Instrument :

BNA_G

ClientSampleId :

PL-02-112017-A

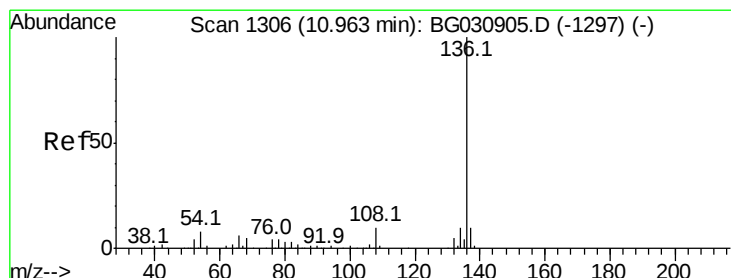
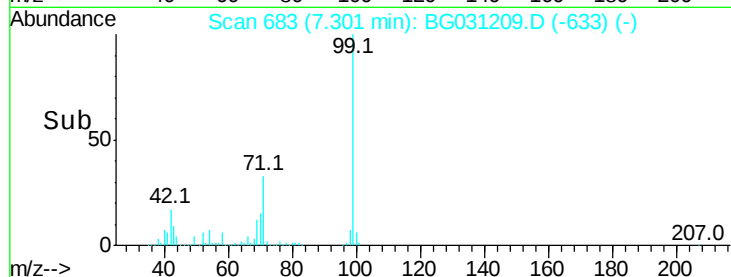
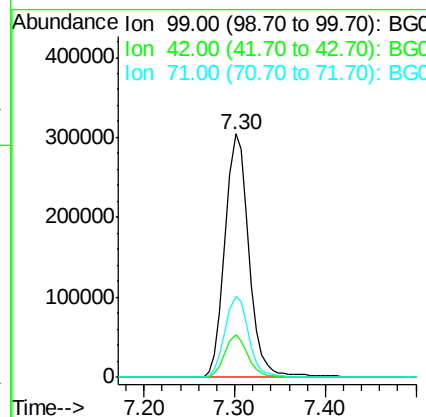
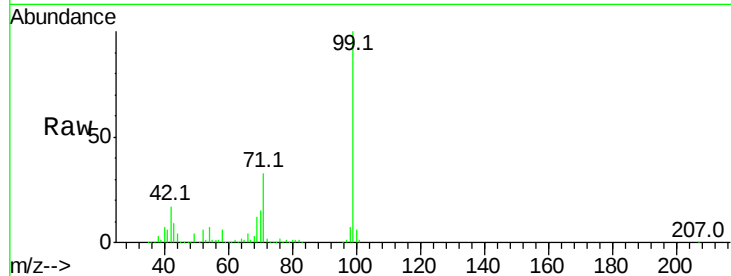
Tot Ion: 99 Resp: 561013

Ion Ratio Lower Upper

99 100

42 17.3 14.1 21.1

71 33.3 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BG031209.D

Acq: 23 Nov 2017 4:29

Tgt Ion: 136 Resp: 252553

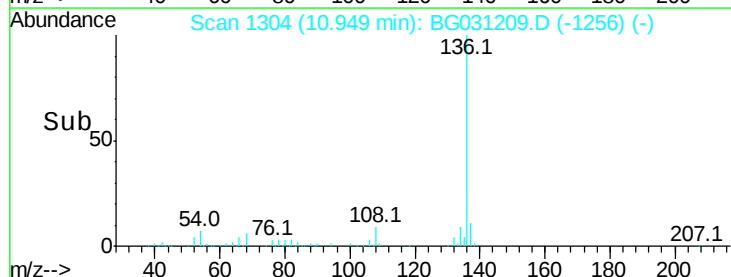
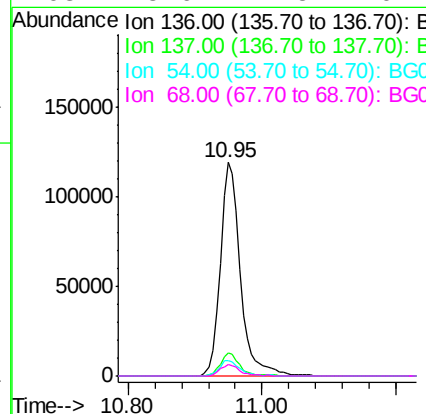
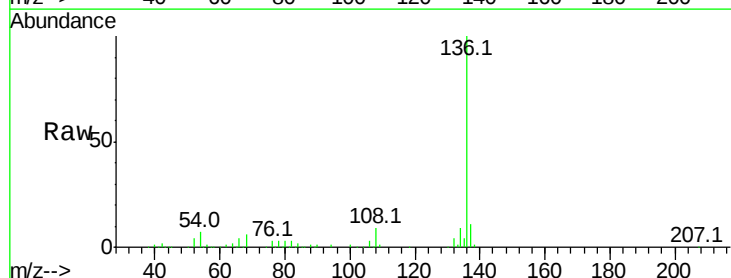
Ion Ratio Lower Upper

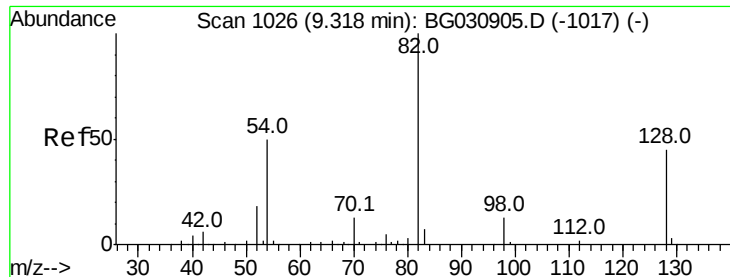
136 100

137 11.0 9.2 13.8

54 7.5 10.3 15.5#

68 5.6 4.5 6.7

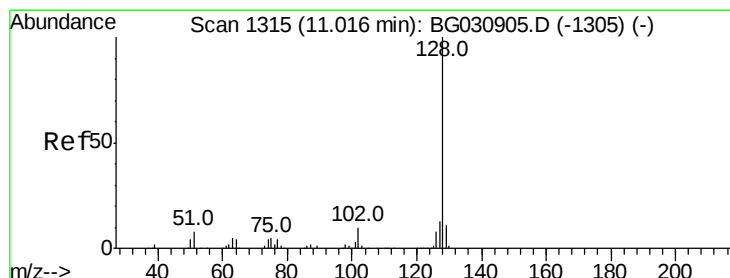
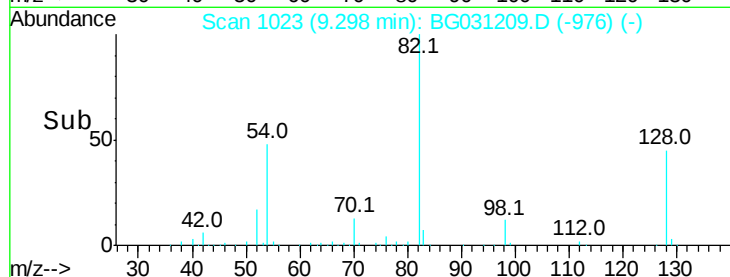
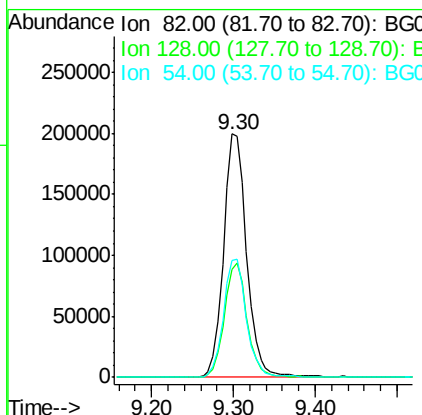
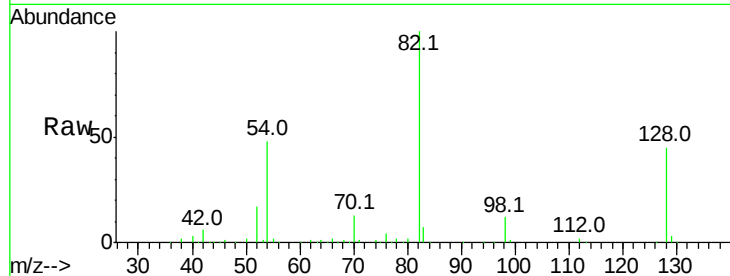




#23
Nitrobenzene-d5
Concen: 92.275 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031209.D
Acq: 23 Nov 2017 4:29

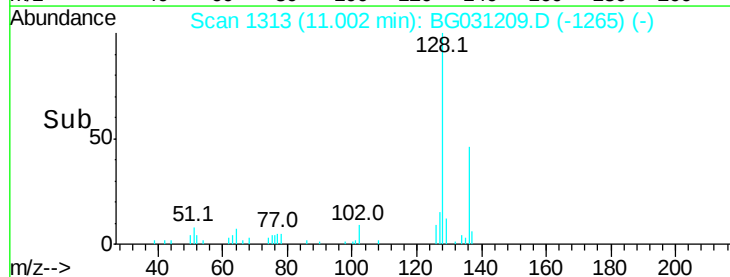
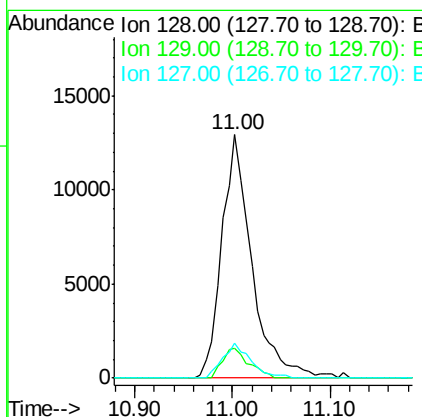
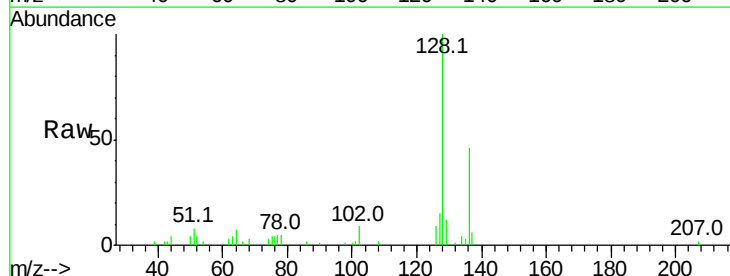
Instrument :
BNA_G
ClientSampleId :
PL-02-112017-A

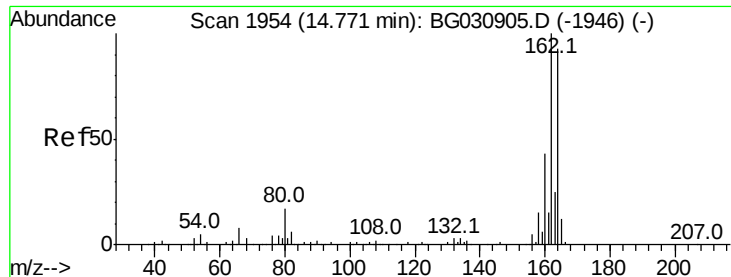
Tot Ion: 82 Resp: 393280
Ion Ratio Lower Upper
82 100
128 44.5 29.7 44.5#
54 47.8 43.1 64.7



#31
Naphthalene
Concen: 2.233 ng
RT: 11.00 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BG031209.D
Acq: 23 Nov 2017 4:29

Tgt Ion:128 Resp: 27720
Ion Ratio Lower Upper
128 100
129 12.4 8.6 12.8
127 14.6 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: BG031209.D

Acq: 23 Nov 2017 4:29

Instrument :

BNA_G

ClientSampleId :

PL-02-112017-A

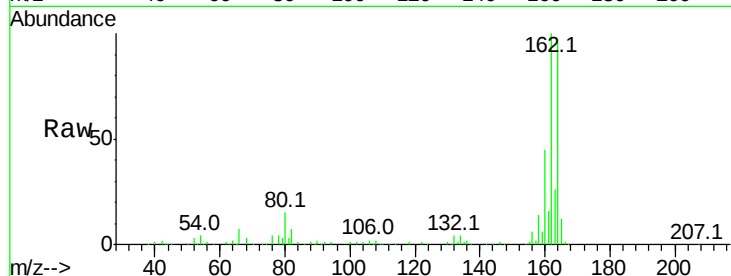
Tot Ion:164 Resp: 166871

Ion Ratio Lower Upper

164 100

162 104.1 78.8 118.2

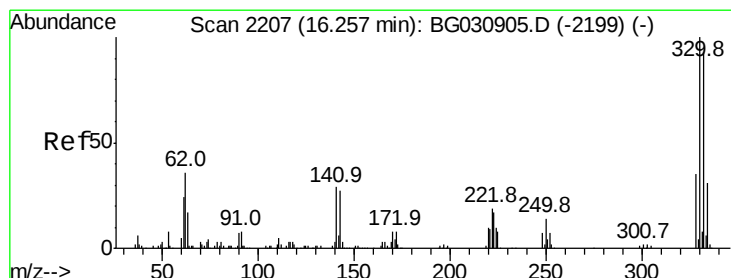
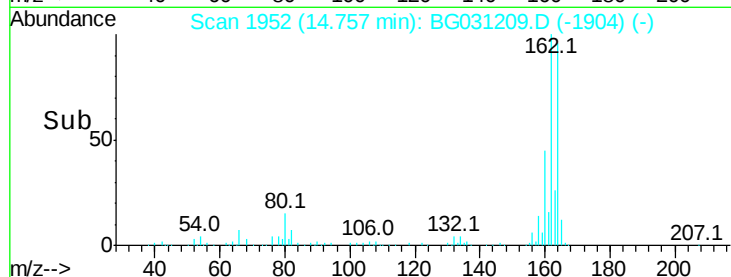
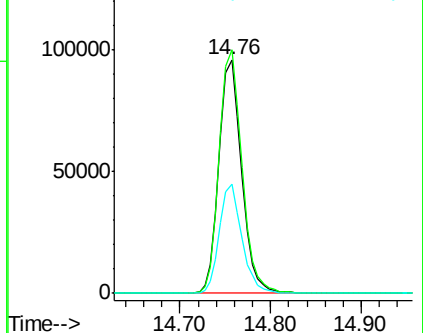
160 46.4 35.4 53.0



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: 122.373 ng

RT: 16.24 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG031209.D

Acq: 23 Nov 2017 4:29

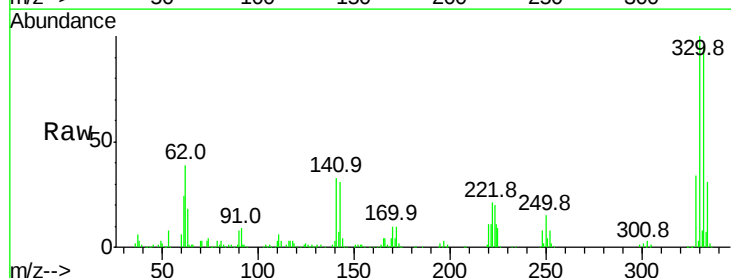
Tgt Ion:330 Resp: 330337

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

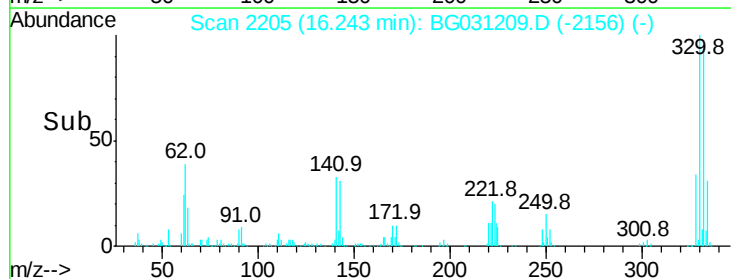
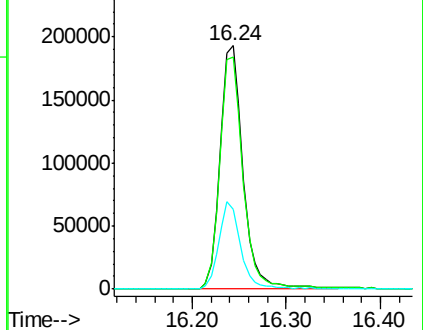
141 34.3 25.2 37.8

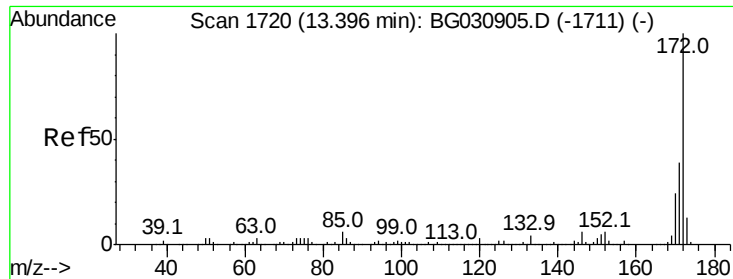


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



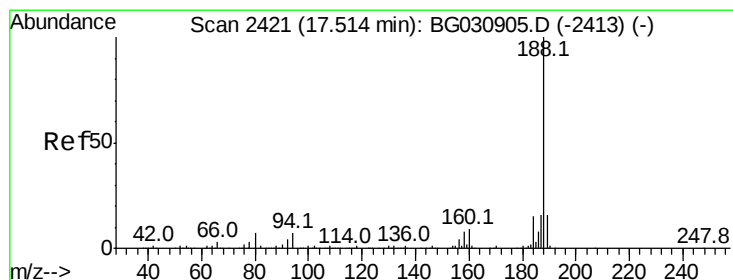
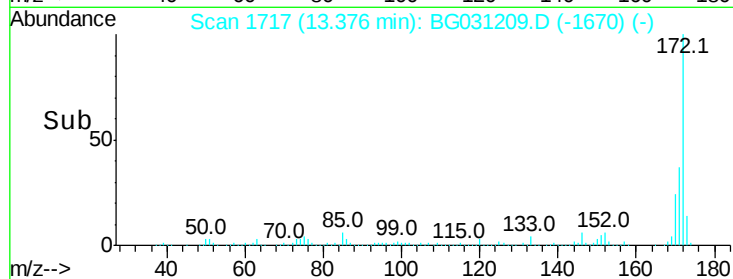
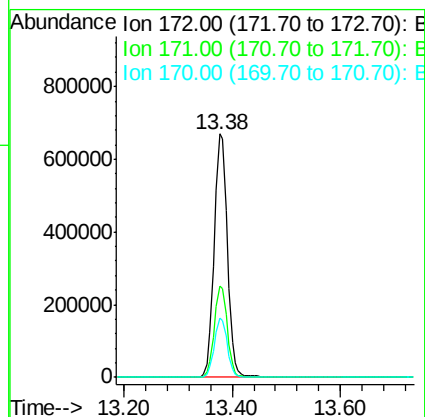
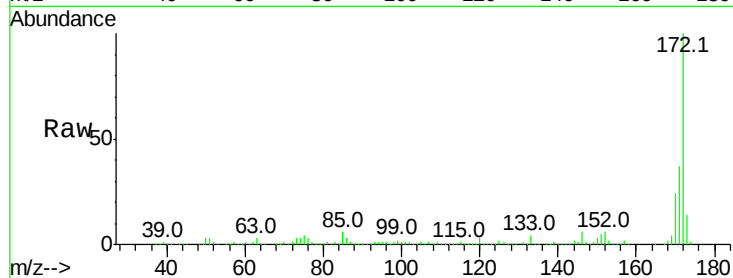


#44
 2-Fluorobiphenyl
 Concen: 98.037 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031209.D
 Acq: 23 Nov 2017 4:29

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-112017-A

Tot Ion:172 Resp: 1138533

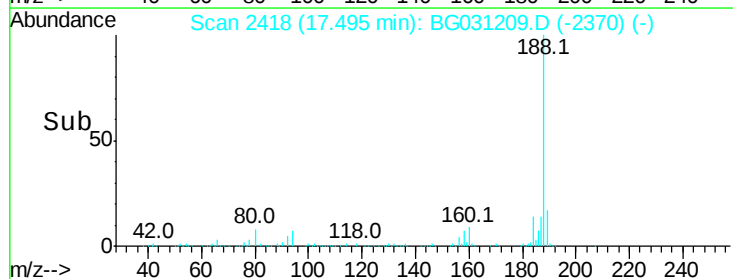
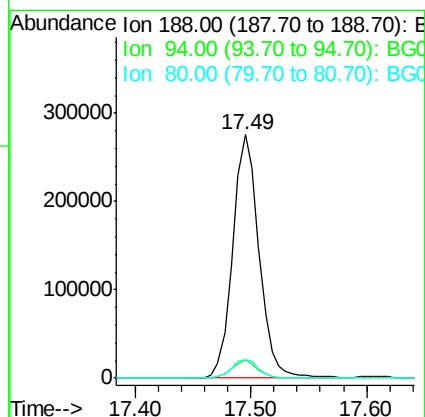
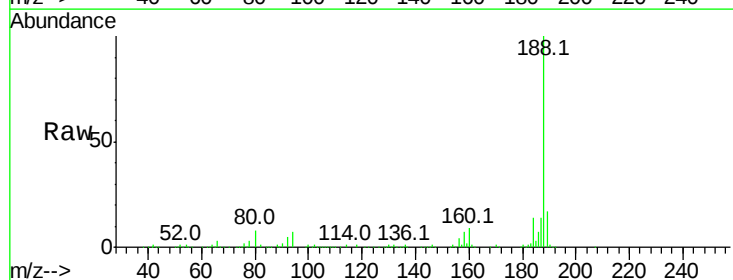
Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.1	19.5	29.3

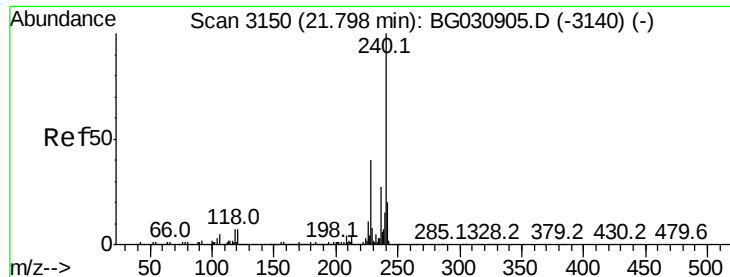


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2418
 Delta R.T. -0.02 min
 Lab File: BG031209.D
 Acq: 23 Nov 2017 4:29

Tgt Ion:188 Resp: 433852

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.9	10.3
80	7.6	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: BG031209.D

Acq: 23 Nov 2017 4:29

Instrument :

BNA_G

ClientSampleId :

PL-02-112017-A

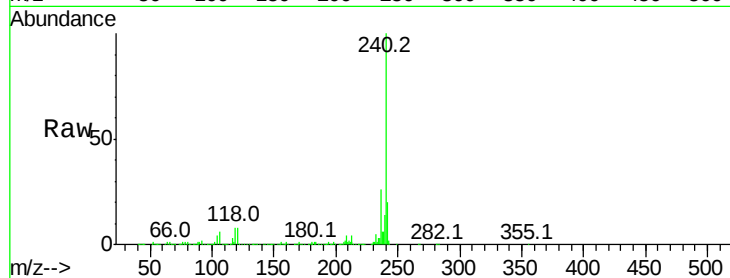
Tot Ion:240 Resp: 520646

Ion Ratio Lower Upper

240 100

120 8.0 6.8 10.2

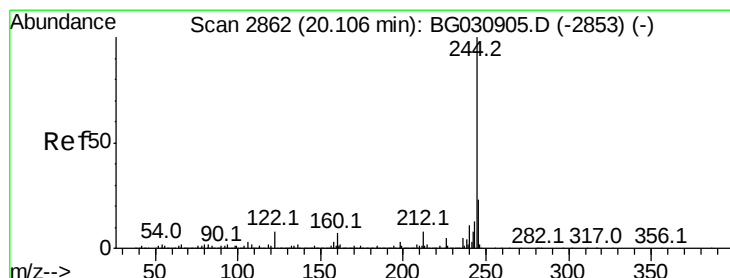
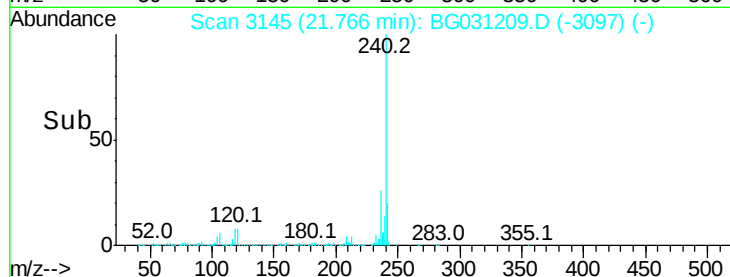
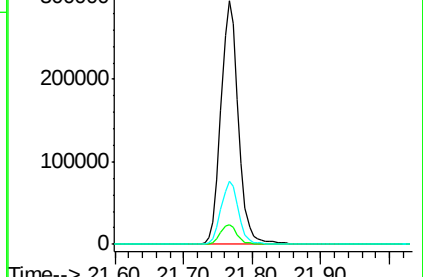
236 25.9 20.9 31.3



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: 92.112 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031209.D

Acq: 23 Nov 2017 4:29

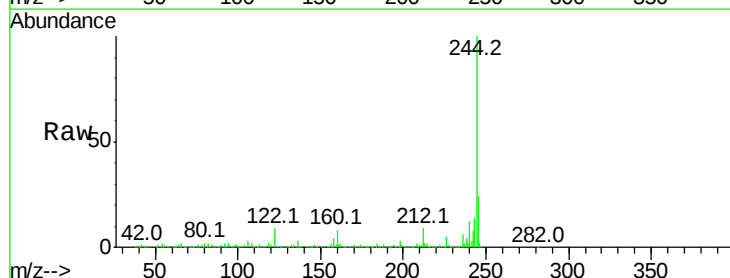
Tgt Ion:244 Resp: 2171921

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

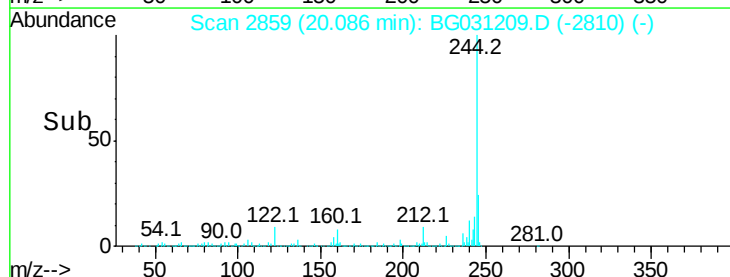
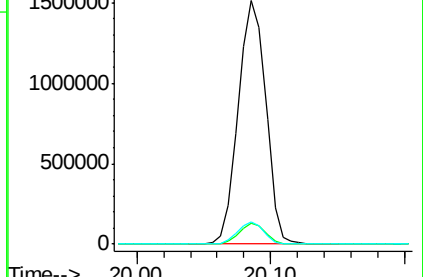
122 9.4 7.0 10.4



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: BG031209.D
Acq: 23 Nov 2017 4:29

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	21.7	17.7	26.5

