

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111517\
 Data File : BG031017.D
 Acq On : 15 Nov 2017 16:11
 Operator : SJ/JU
 Sample : I6307-04RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 15 17:49:00 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	24883	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	94021	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	28186	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	164836	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	112027	20.00	ng	-0.02
86) Perylene-d12	25.08	264	2896	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.70	112	211607	145.82	ng	0.00
7) Phenol-d6	7.30	99	150506	76.99	ng	0.00
23) Nitrobenzene-d5	9.31	82	182677	115.13	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	249817	547.89	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	606441	309.16	ng	-0.02
78) Terphenyl-d14	20.09	244	1355470	267.17	ng	-0.01

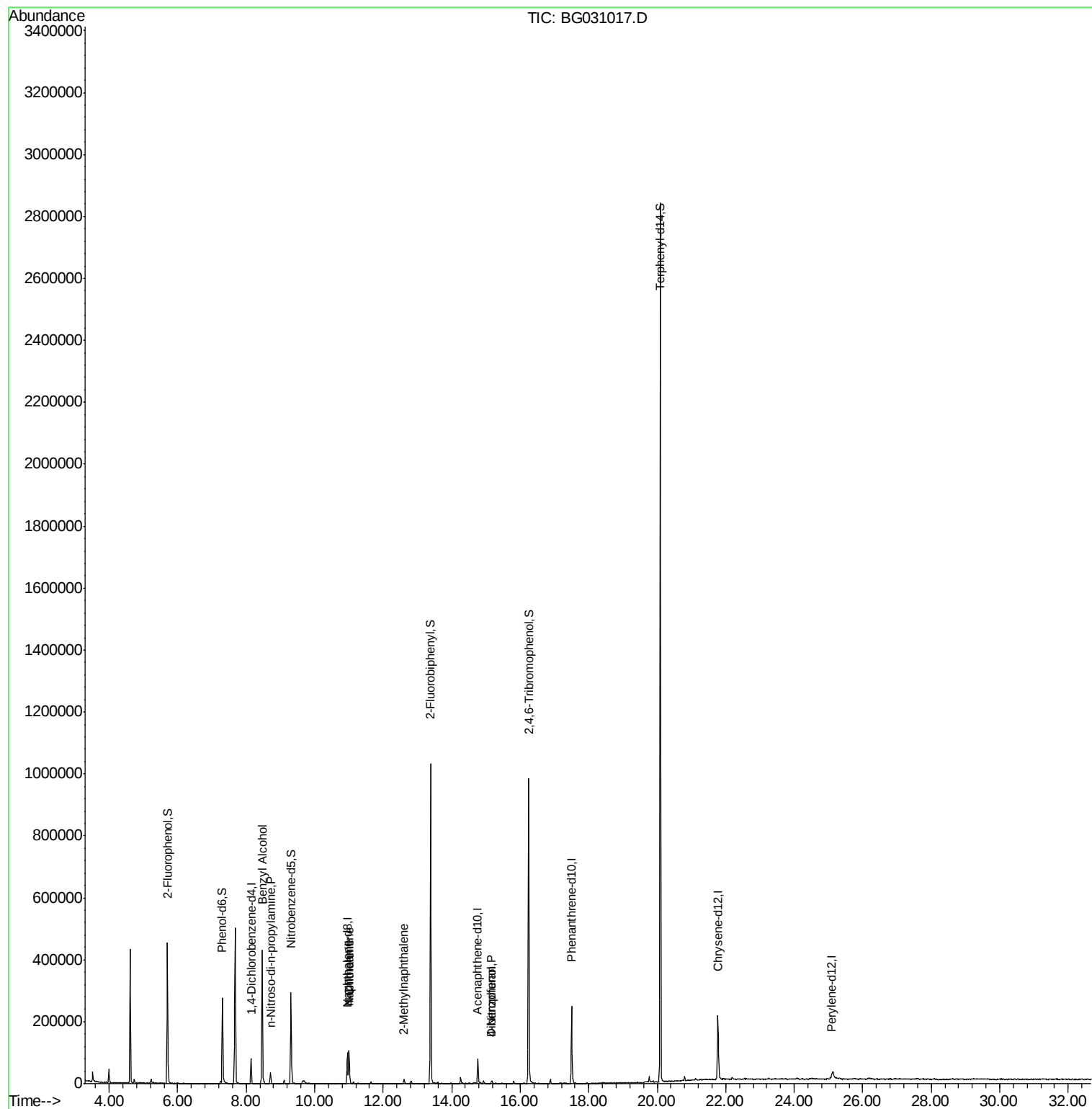
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	8.46	79	3150	2.009	ng	# 59
19) n-Nitroso-di-n-propylamine	8.71	70	3860	2.597	ng	# 41
31) Naphthalene	11.01	128	97867	21.174	ng	96
33) 4-Chloroaniline	11.00	127	13661	6.752	ng	# 30
37) 2-Methylnaphthalene	12.61	142	8495	2.381	ng	97
54) Dibenzofuran	15.16	168	8380	3.052	ng	96
55) 4-Nitrophenol	15.16	139	2444	6.433	ng	# 1

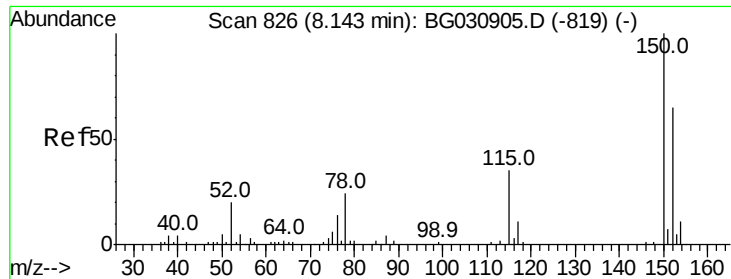
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111517\
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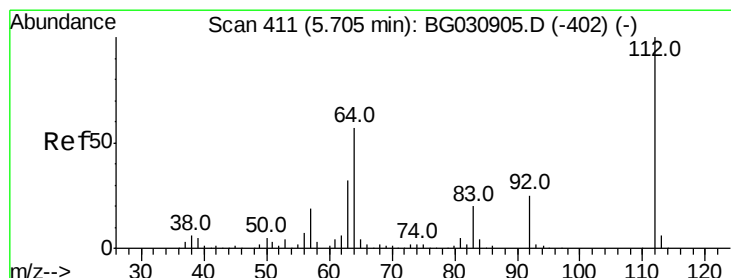
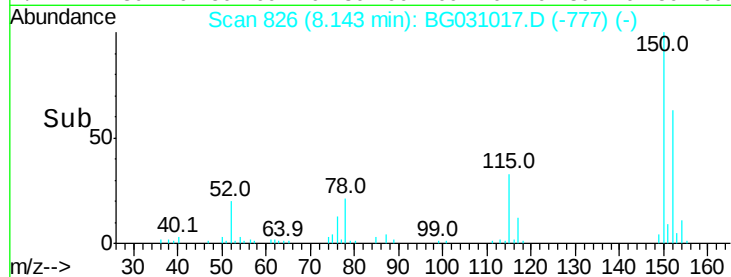
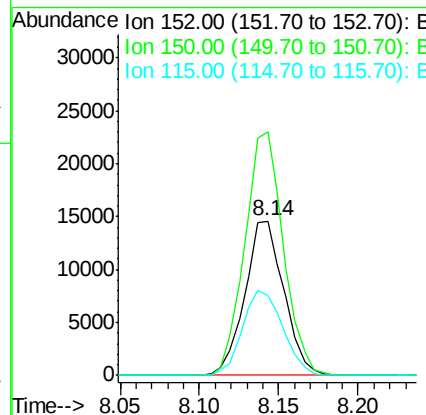
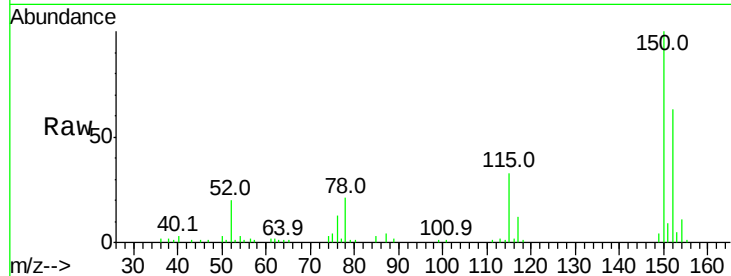


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG031017.D
Acq: 15 Nov 2017 16:11

Instrument :
BNA_G
ClientSampleId :

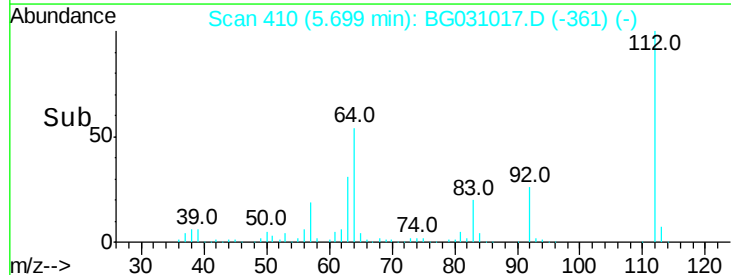
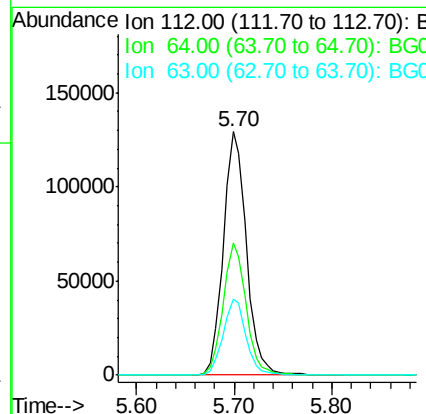
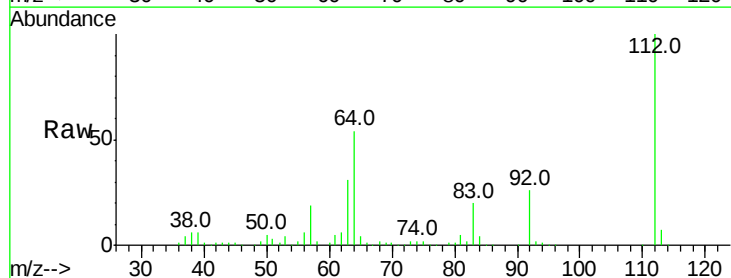
Tot Ion:152 Resp: 24883
Ion Ratio Lower Upper
152 100
150 157.6 126.6 189.8
115 52.0 53.0 79.4#

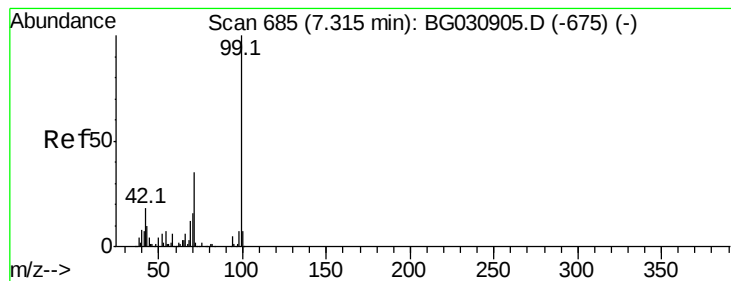


#5

2-Fluorophenol
Concen: 145.824 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG031017.D
Acq: 15 Nov 2017 16:11

Tgt Ion:112 Resp: 211607
Ion Ratio Lower Upper
112 100
64 54.5 56.3 84.5#
63 31.3 30.1 45.1





#7

Phenol-d6

Concen: 76.987 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031017.D

Acq: 15 Nov 2017 16:11

Instrument :

BNA_G

ClientSampled :

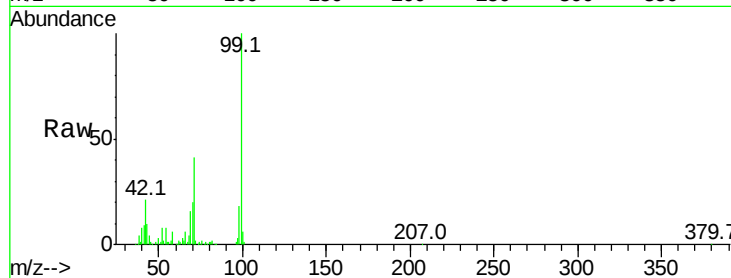
Tot Ion: 99 Resp: 150506

Ion Ratio Lower Upper

99 100

42 21.2 14.1 21.1#

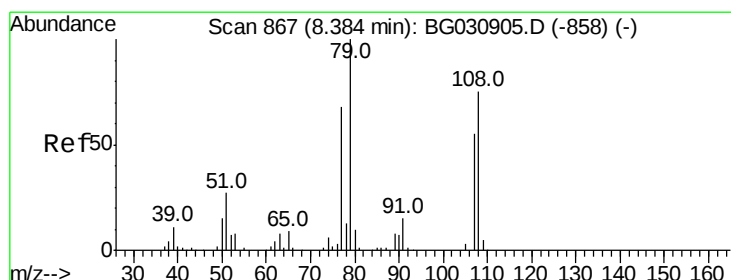
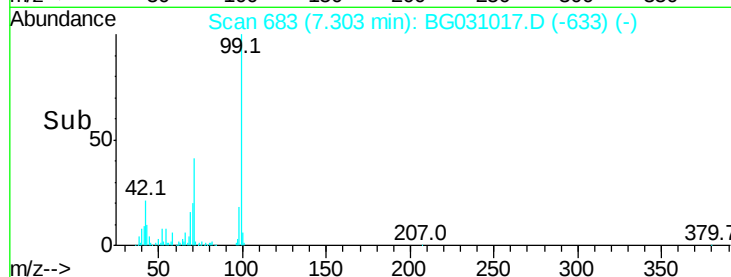
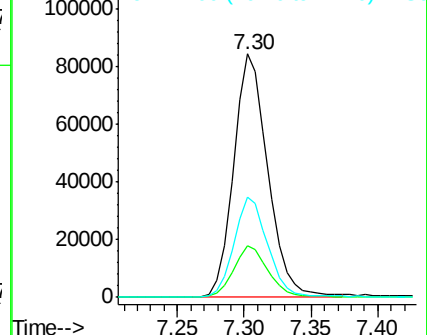
71 41.0 26.1 39.1#



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



#15

Benzyl Alcohol

Concen: 2.009 ng

RT: 8.46 min Scan# 880

Delta R.T. 0.07 min

Lab File: BG031017.D

Acq: 15 Nov 2017 16:11

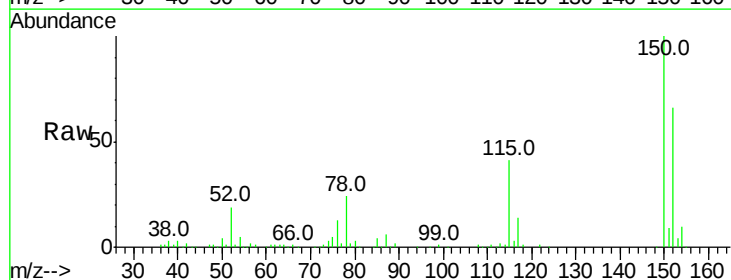
Tgt Ion: 79 Resp: 3150

Ion Ratio Lower Upper

79 100

108 25.7 57.2 85.8#

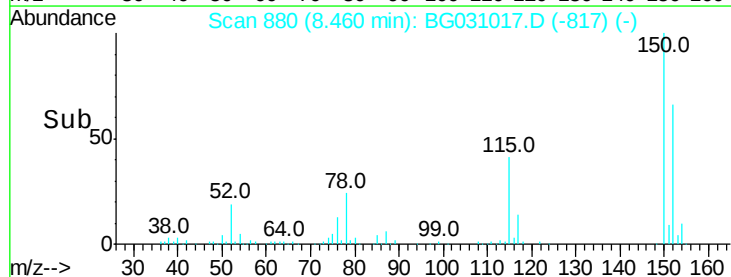
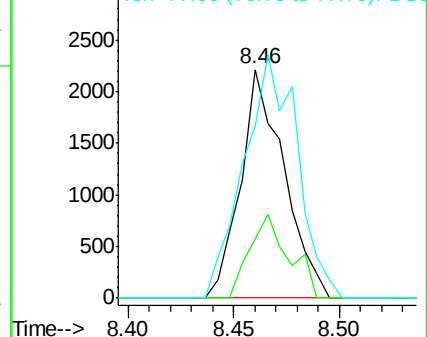
77 75.5 46.1 69.1#

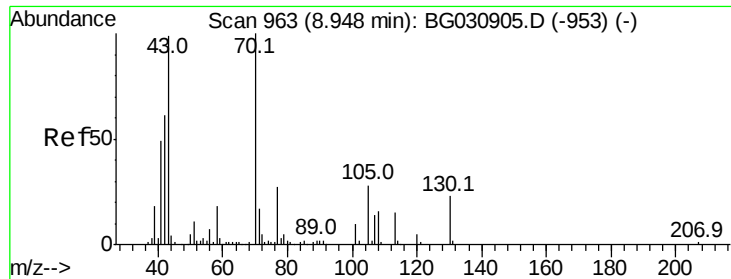


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

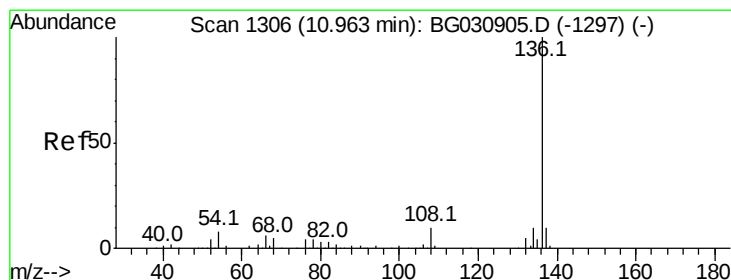
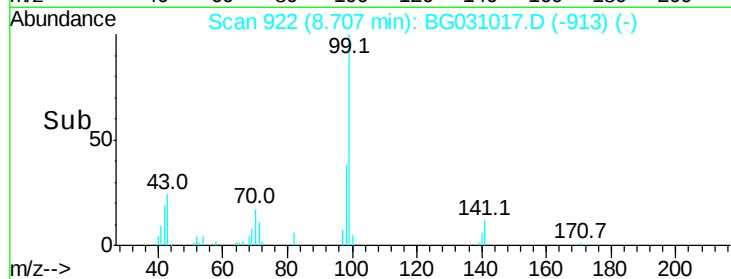
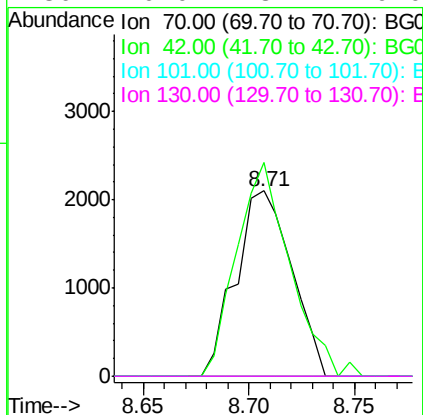
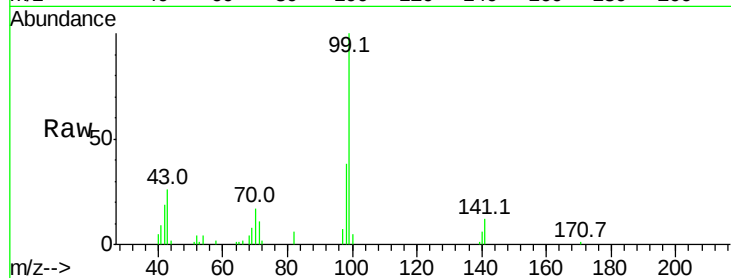




#19
n-Nitroso-di-n-propylamine
Concen: 2.597 ng
RT: 8.71 min Scan# 922
Delta R.T. -0.25 min
Lab File: BG031017.D
Acq: 15 Nov 2017 16:11

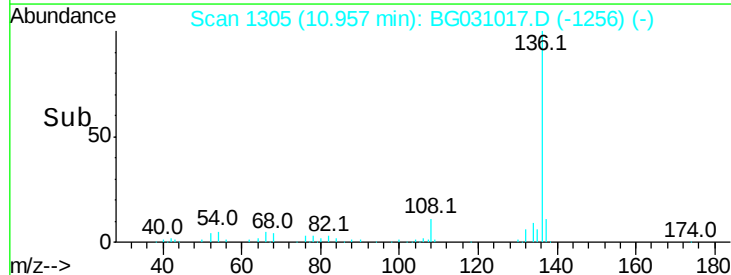
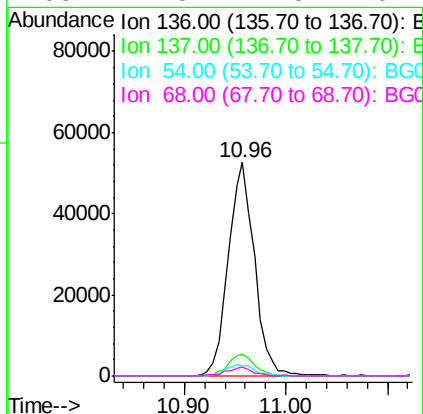
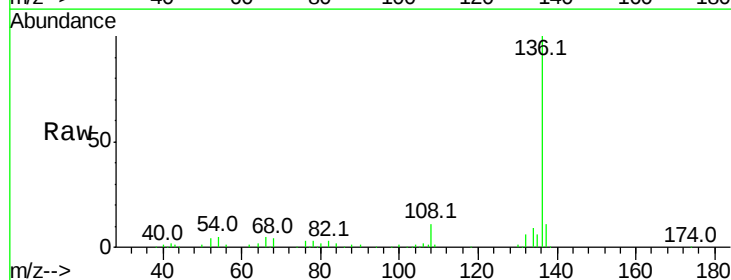
Instrument :
BNA_G
ClientSampleId :

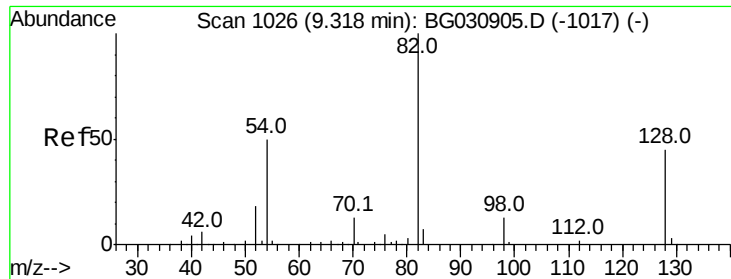
Tot Ion: 70 Resp: 3860
Ion Ratio Lower Upper
70 100
42 115.1 49.1 73.7#
101 0.0 8.5 12.7#
130 0.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG031017.D
Acq: 15 Nov 2017 16:11

Tgt Ion: 136 Resp: 94021
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 4.9 10.3 15.5#
68 4.3 4.5 6.7#

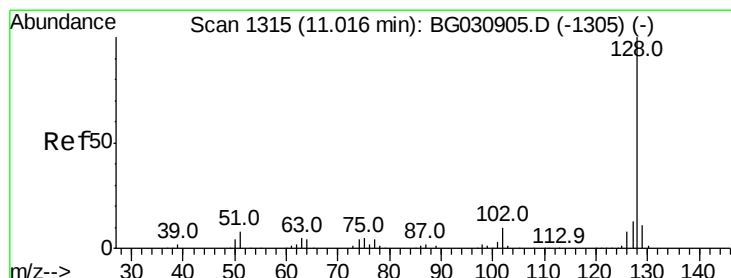
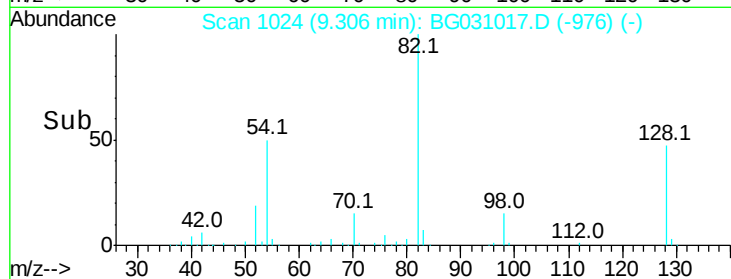
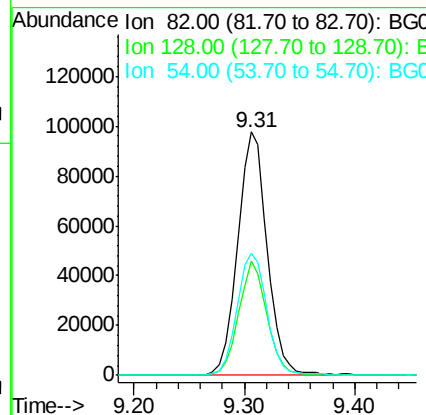
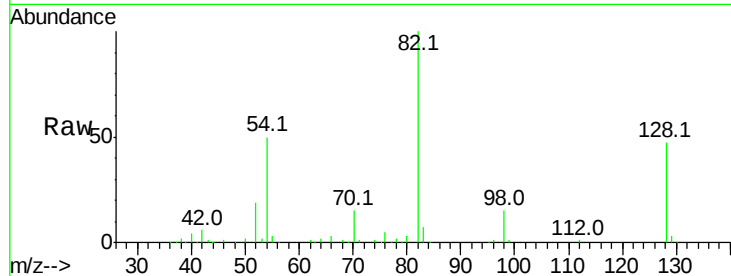




#23
 Nitrobenzene-d5
 Concen: 115.131 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG031017.D
 Acq: 15 Nov 2017 16:11

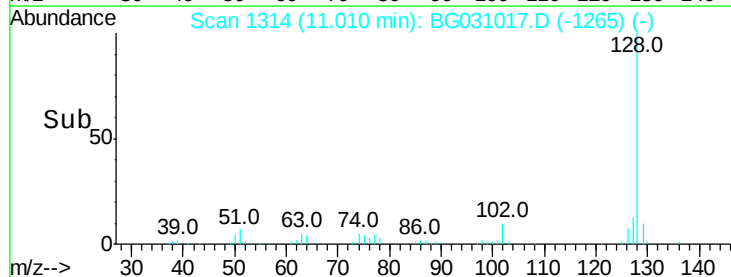
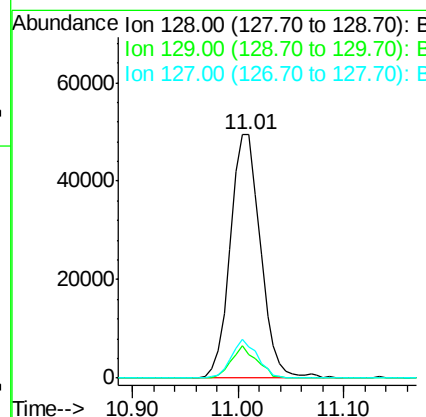
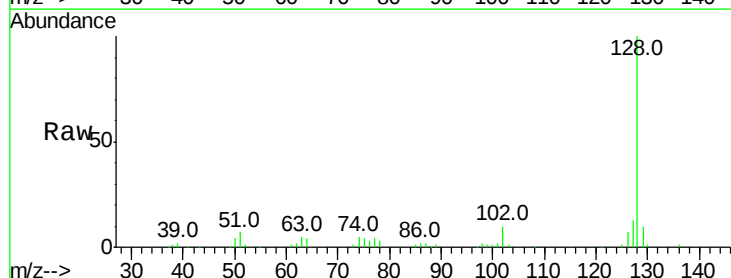
Instrument :
 BNA_G
 ClientSampleId :

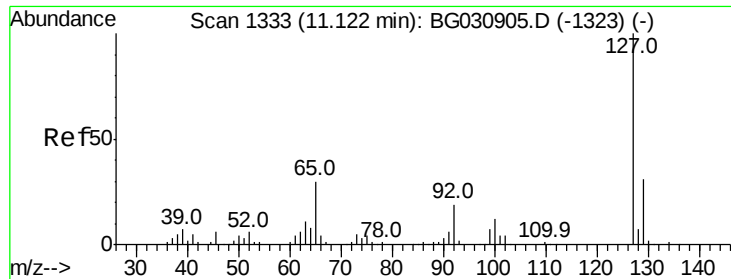
Tot Ion: 82 Resp: 182677
 Ion Ratio Lower Upper
 82 100
 128 47.1 29.7 44.5#
 54 50.0 43.1 64.7



#31
 Naphthalene
 Concen: 21.174 ng
 RT: 11.01 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BG031017.D
 Acq: 15 Nov 2017 16:11

Tgt Ion:128 Resp: 97867
 Ion Ratio Lower Upper
 128 100
 129 9.8 8.6 12.8
 127 12.6 11.6 17.4

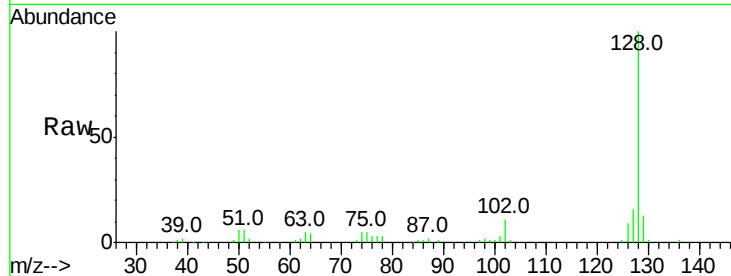




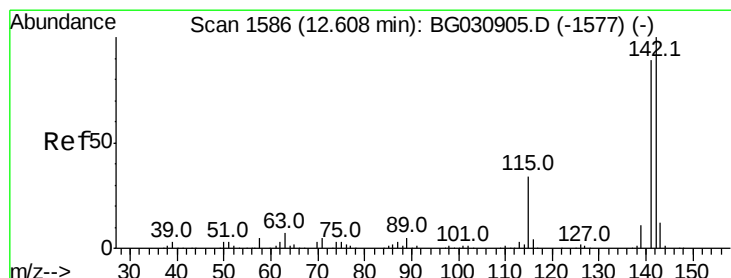
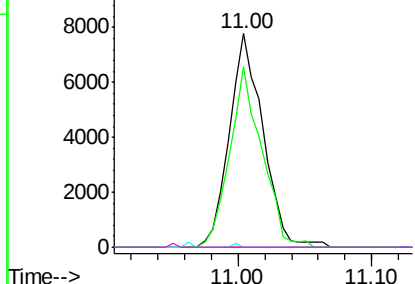
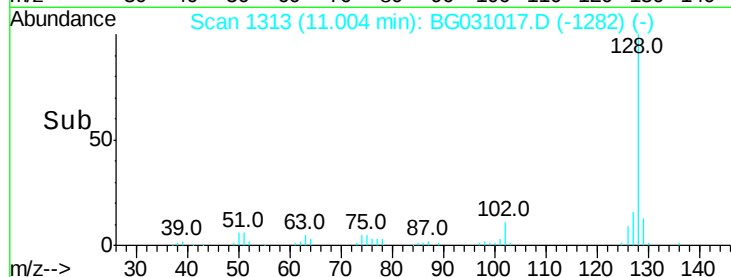
#33
 4-Chloroaniline
 Concen: 6.752 ng
 RT: 11.00 min Scan# 1313
 Delta R.T. -0.12 min
 Lab File: BG031017.D
 Acq: 15 Nov 2017 16:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:127	Resp:	13661
Ion Ratio	Lower	Upper
127	100	
129	84.5	24.0 36.0#
65	0.0	27.0 40.4#
92	0.0	16.6 25.0#

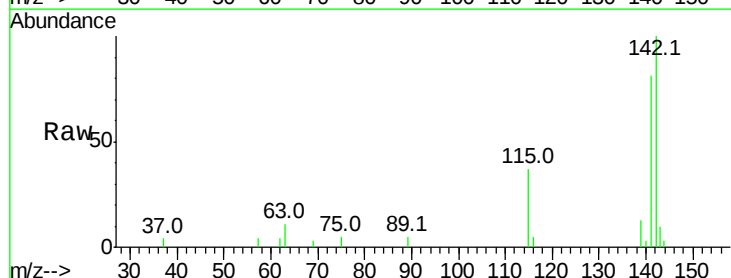


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC

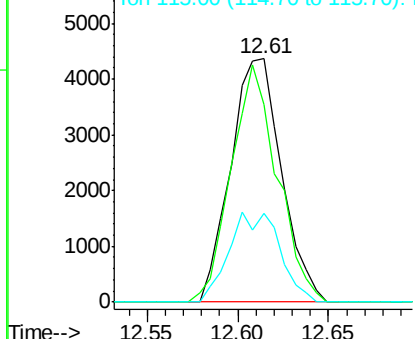
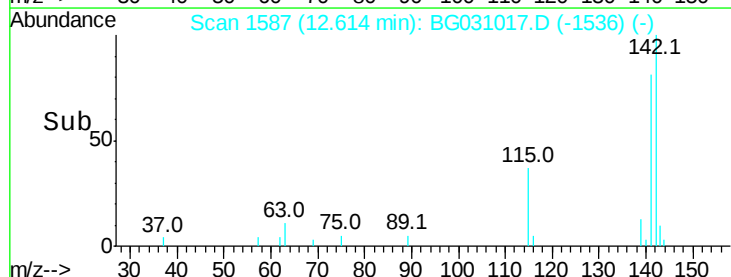


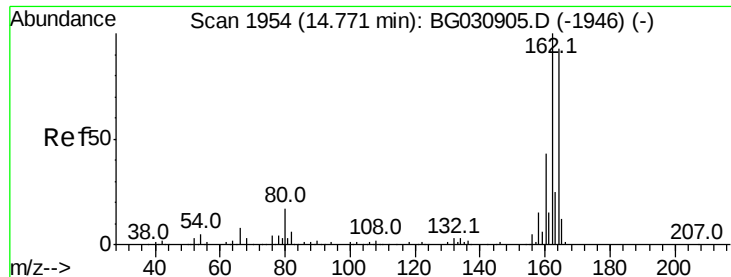
#37
 2-Methylnaphthalene
 Concen: 2.381 ng
 RT: 12.61 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BG031017.D
 Acq: 15 Nov 2017 16:11

Tgt Ion:142	Resp:	8495
Ion Ratio	Lower	Upper
142	100	
141	81.1	67.1 100.7
115	36.6	30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.02 min

Lab File: BG031017.D

Acq: 15 Nov 2017 16:11

Instrument :

BNA_G

ClientSampleId :

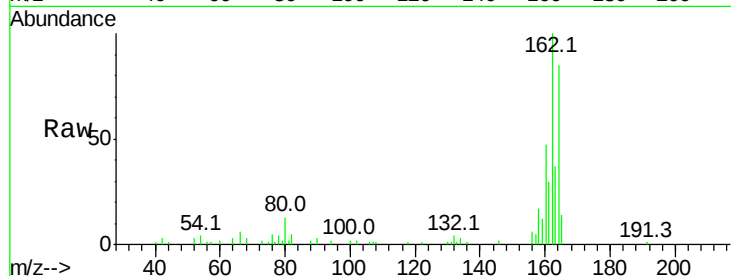
Tot Ion:164 Resp: 28186

Ion Ratio Lower Upper

164 100

162 117.6 78.8 118.2

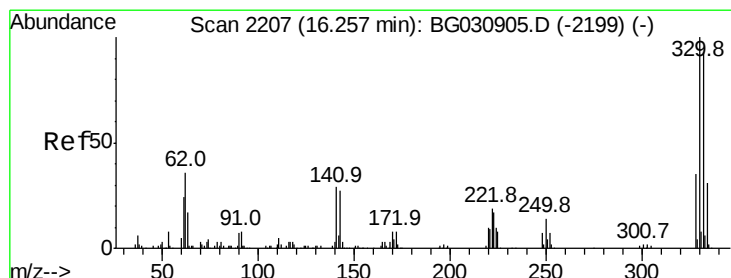
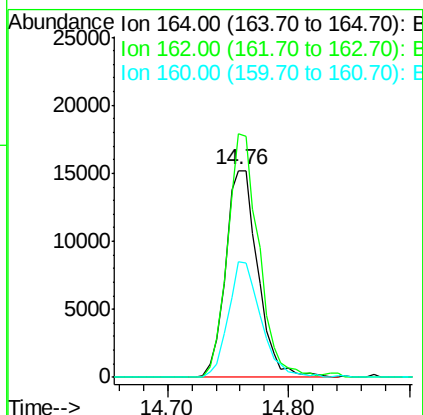
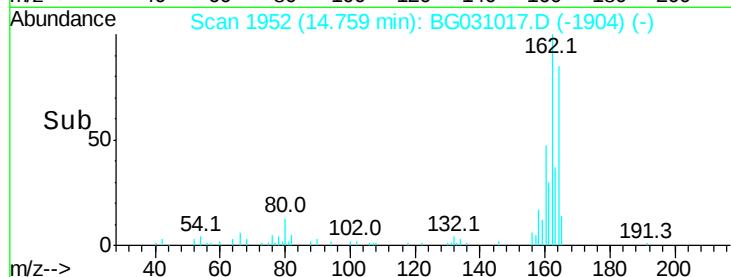
160 55.8 35.4 53.0#



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: 547.895 ng

RT: 16.25 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG031017.D

Acq: 15 Nov 2017 16:11

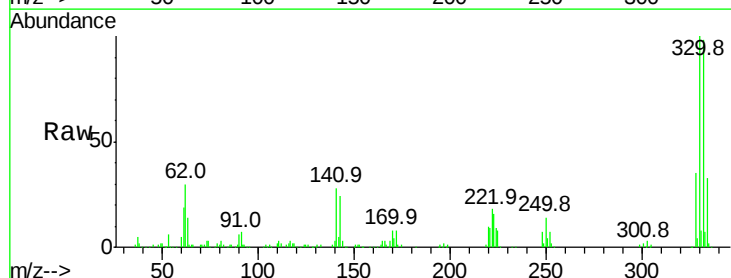
Tgt Ion:330 Resp: 249817

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

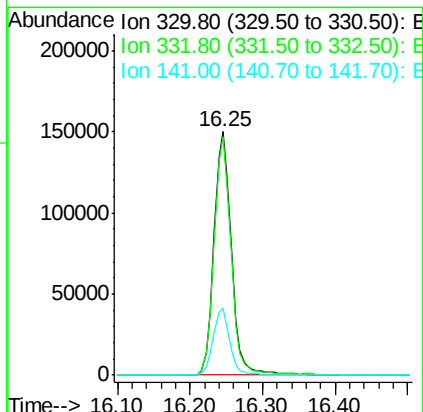
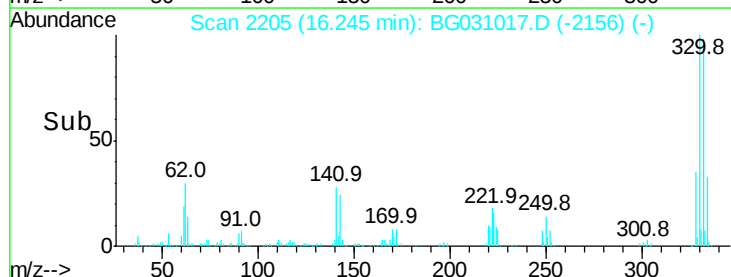
141 26.2 25.2 37.8

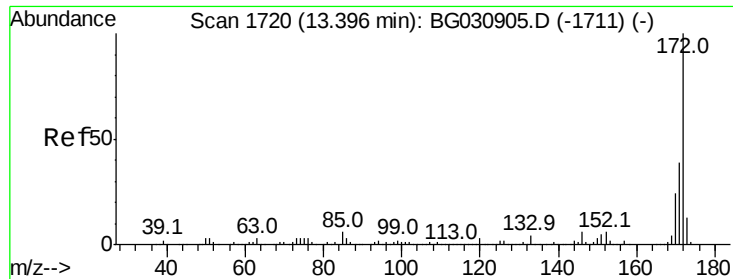


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



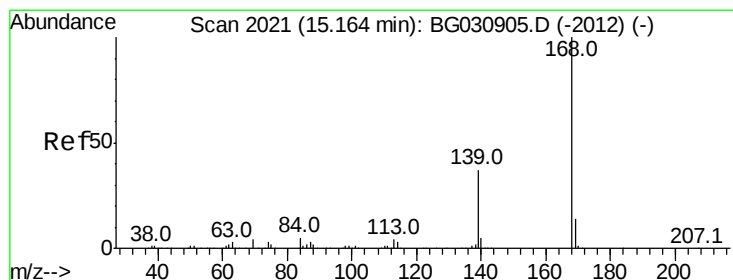
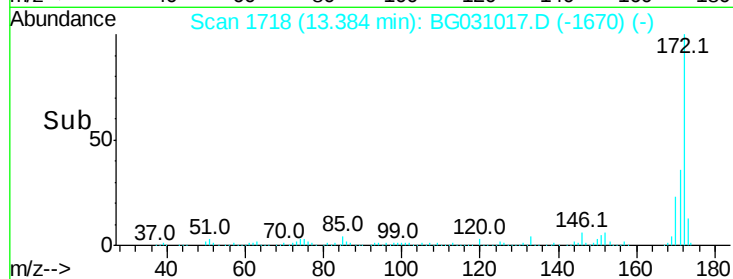
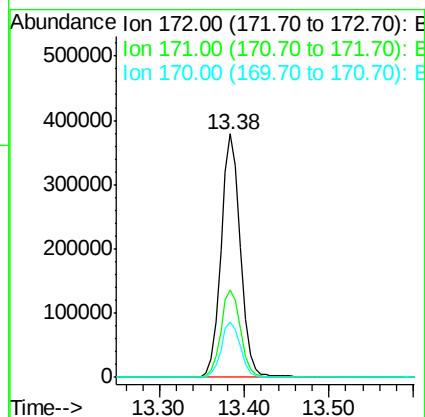
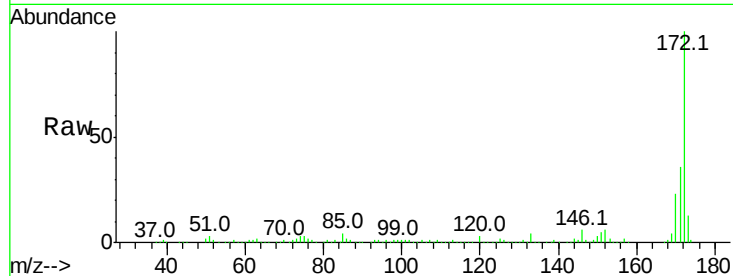


#44
 2-Fluorobiphenyl
 Concen: 309.157 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031017.D
 Acq: 15 Nov 2017 16:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 606441

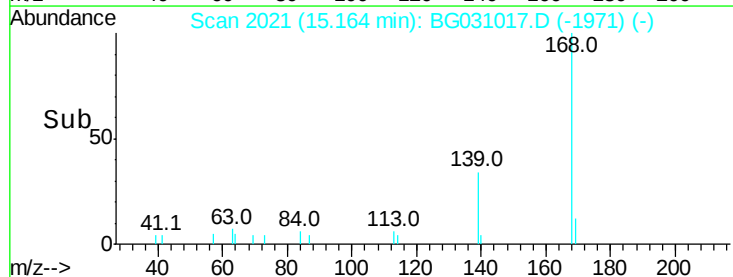
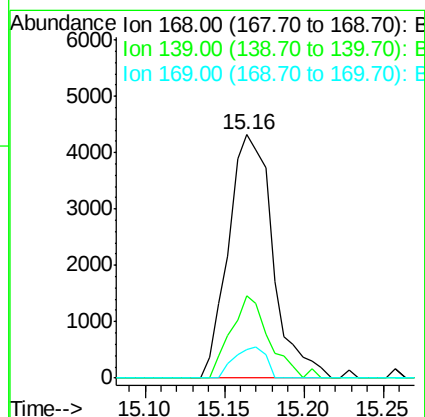
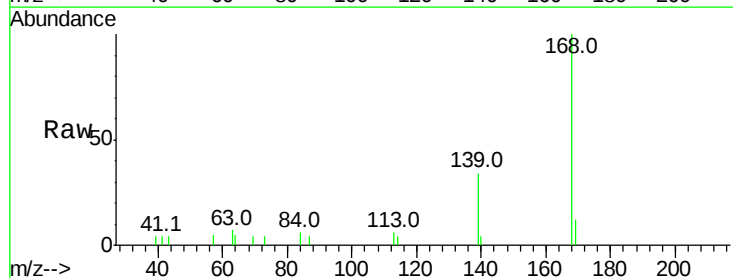
Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.0	45.0
170	22.7	19.5	29.3

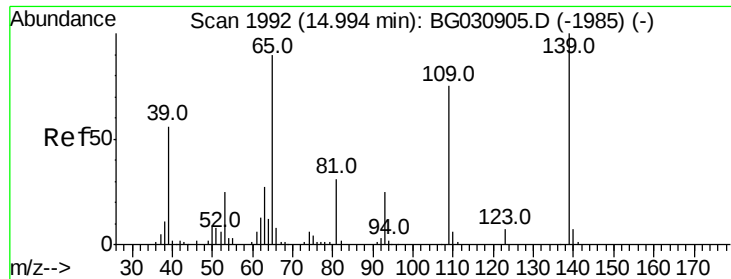


#54
 Dibenzofuran
 Concen: 3.052 ng
 RT: 15.16 min Scan# 2021
 Delta R.T. -0.00 min
 Lab File: BG031017.D
 Acq: 15 Nov 2017 16:11

Tgt Ion:168 Resp: 8380

Ion	Ratio	Lower	Upper
168	100		
139	34.0	28.6	43.0
169	11.7	11.2	16.8

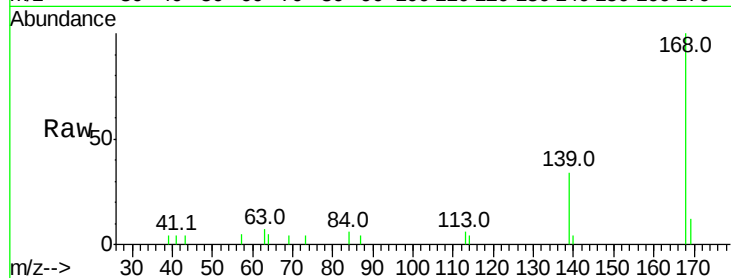




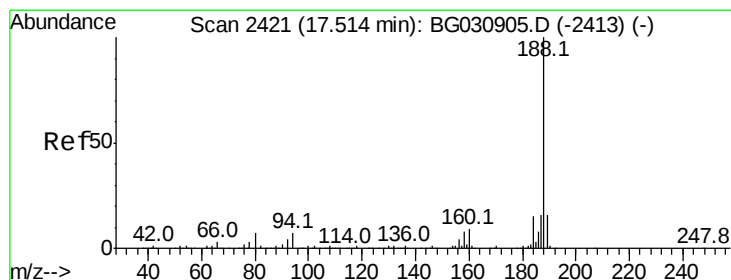
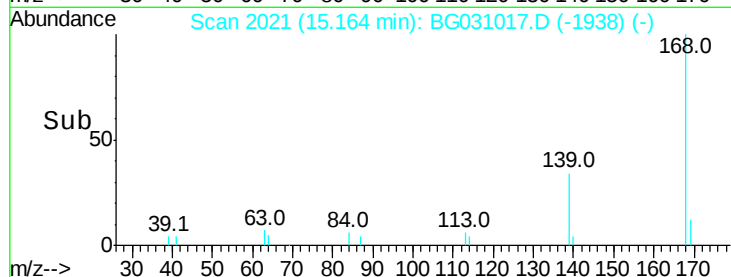
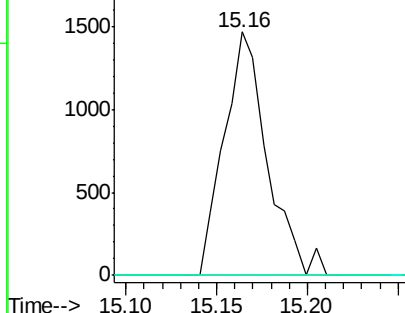
#55
4-Nitrophenol
Concen: 6.433 ng
RT: 15.16 min Scan# 2021
Delta R.T. 0.19 min
Lab File: BG031017.D
Acq: 15 Nov 2017 16:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 2444
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#

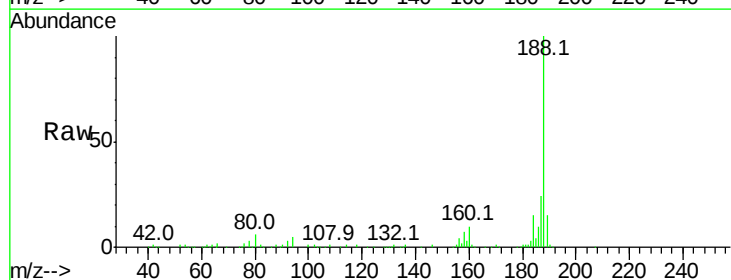


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

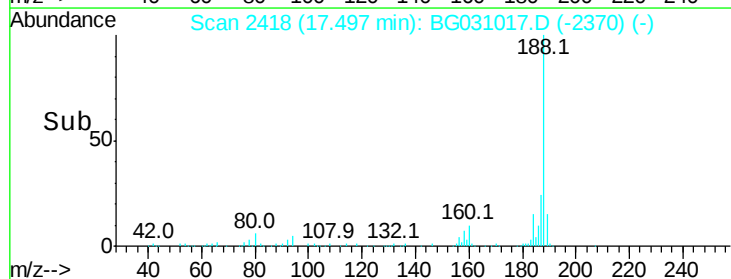
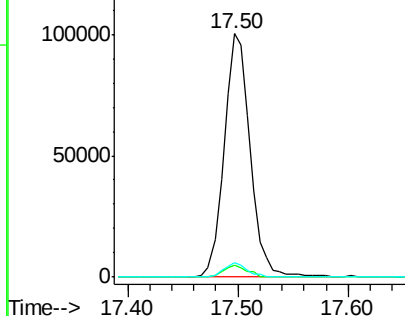


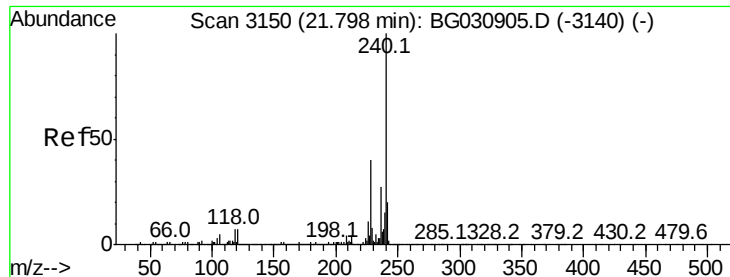
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031017.D
Acq: 15 Nov 2017 16:11

Tgt Ion:188 Resp: 164836
Ion Ratio Lower Upper
188 100
94 5.1 6.9 10.3#
80 6.0 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: BG031017.D

Acq: 15 Nov 2017 16:11

Instrument :

BNA_G

ClientSampleId :

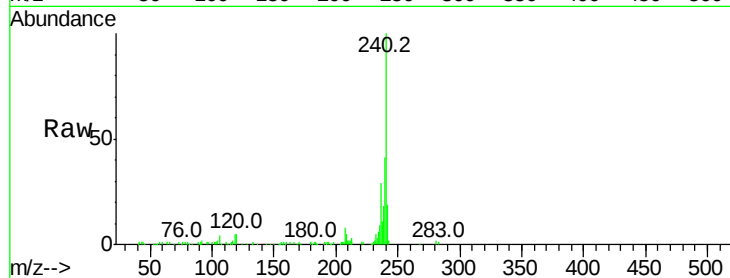
Tot Ion:240 Resp: 112027

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

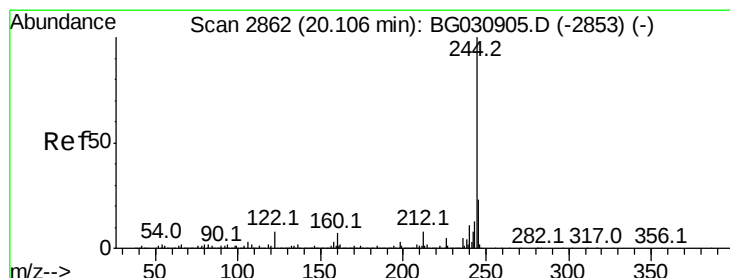
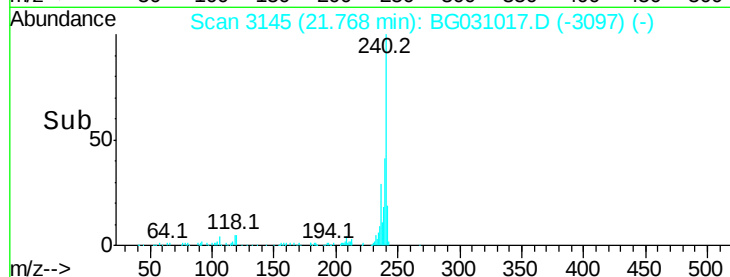
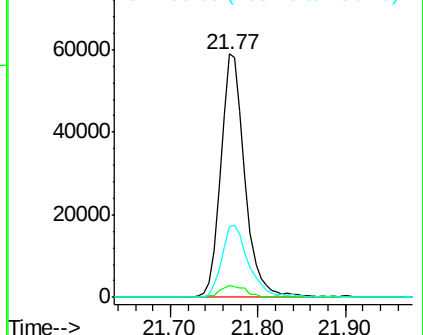
236 29.3 20.9 31.3



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: 267.167 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031017.D

Acq: 15 Nov 2017 16:11

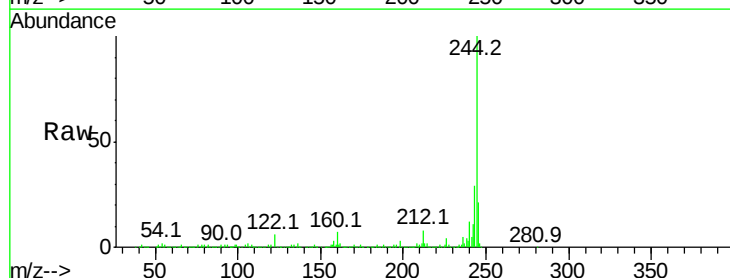
Tgt Ion:244 Resp: 1355470

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

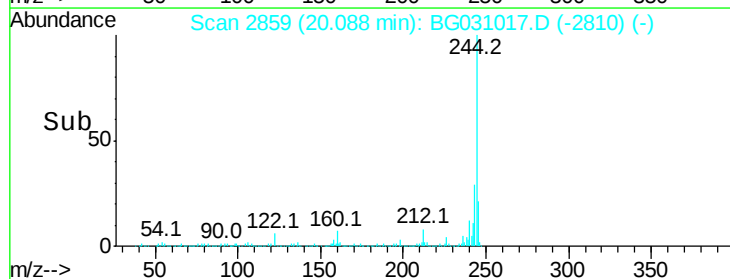
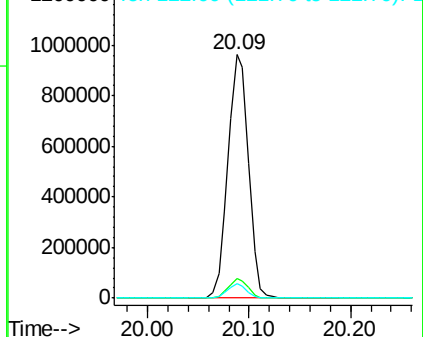
122 6.0 7.0 10.4#

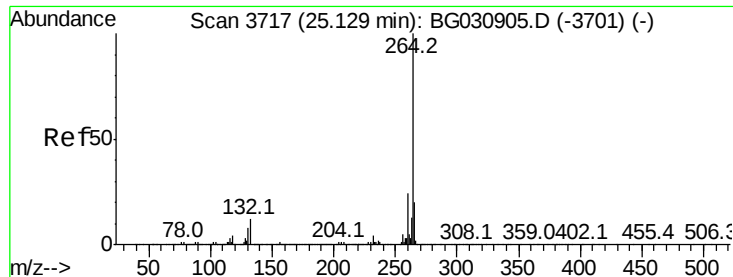


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG031017.D
Acq: 15 Nov 2017 16:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	63.5	17.4	26.0#
265	33.7	17.7	26.5#

