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 Data File : BG032032.D
 Acq On : 13 Jan 2018 10:10
 Operator : SJ/JU
 Sample : J1015-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-011118-D

Quant Time: Jan 15 09:57:59 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 12 17:27:17 2018
 Response via : Initial Calibration

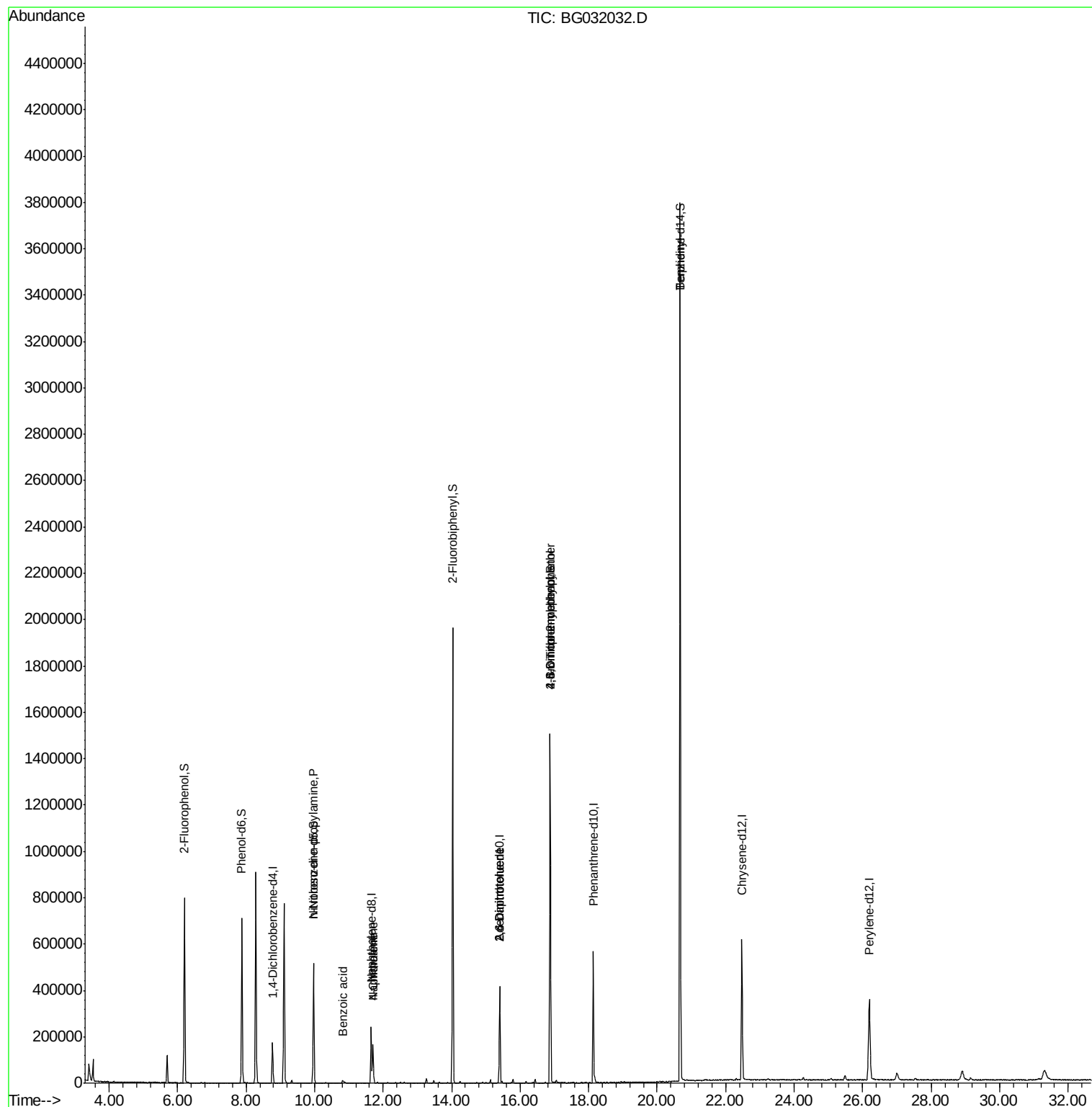
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	61144	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	245502	20.00	ng	0.00
38) Acenaphthene-d10	15.40	164	164490	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	404638	20.00	ng	0.00
75) Chrysene-d12	22.47	240	469493	20.00	ng	0.00
86) Perylene-d12	26.19	264	488572	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	430847	128.87	ng	0.00
7) Phenol-d6	7.87	99	495322	117.64	ng	0.00
23) Nitrobenzene-d5	9.97	82	344455	94.92	ng	0.00
41) 2,4,6-Tribromophenol	16.87	330	362809	133.29	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	1195423	90.11	ng	0.00
78) Terphenyl-d14	20.67	244	2061389	96.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.97	70	46563	17.824	ng	Qvalue # 72
31) Naphthalene	11.70	128	159903	13.148	ng	# 99
32) Benzoic acid	10.82	122	6784	7.469	ng	# 63
33) 4-Chloroaniline	11.70	127	22835	4.379	ng	# 35
50) 2,6-Dinitrotoluene	15.40	165	21953	7.348	ng	# 20
56) 2,4-Dinitrotoluene	15.40	165	21953	5.458	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.87	198	1013	5.236	ng	# 1
66) 4-Bromophenyl-phenylether	16.87	248	29506	5.125	ng	# 1
76) Benzidine	20.67	184	27154	2.313	ng	# 94

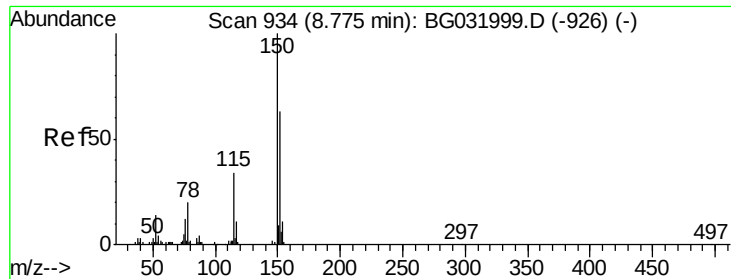
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011218\
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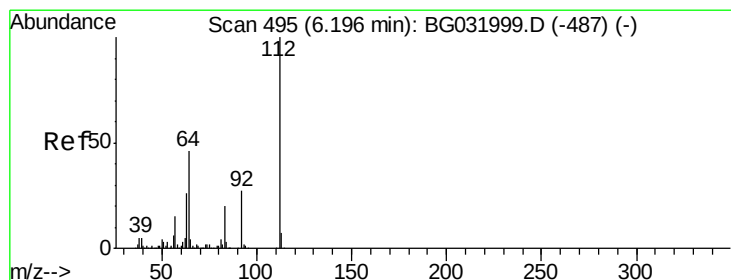
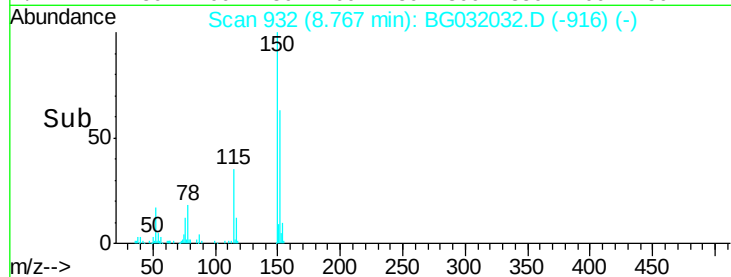
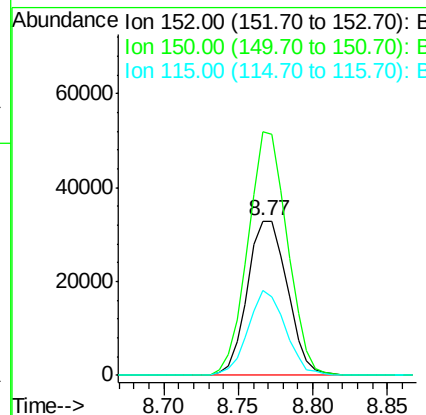
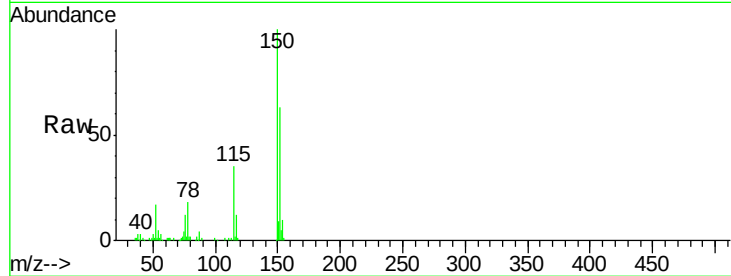


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG032032.D
Acq: 13 Jan 2018 10:10

Instrument :
BNA_G
ClientSampleId :
CL-02-011118-D

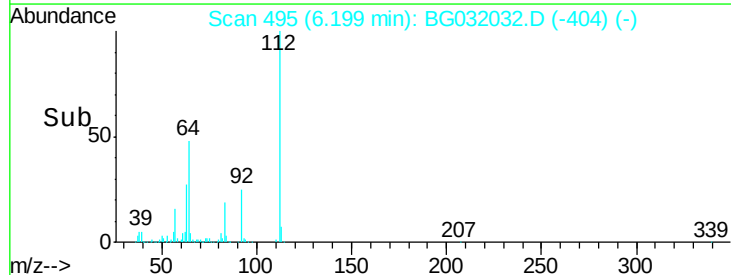
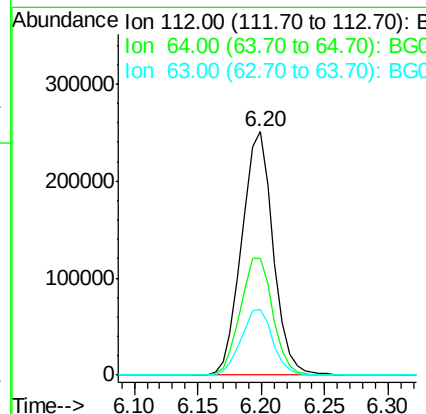
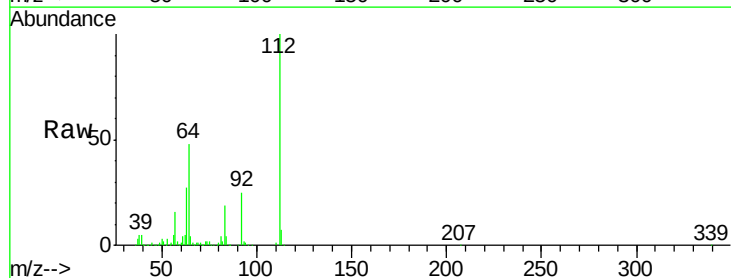
Tgt Ion:152 Resp: 61144
Ion Ratio Lower Upper
152 100
150 157.5 126.6 189.8
115 54.5 53.0 79.4

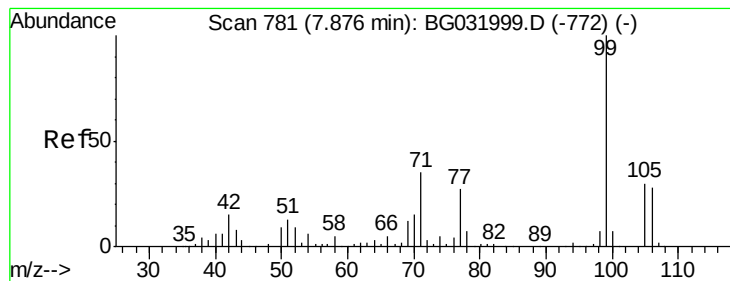


#5

2-Fluorophenol
Concen: 128.875 ng
RT: 6.20 min Scan# 495
Delta R.T. 0.00 min
Lab File: BG032032.D
Acq: 13 Jan 2018 10:10

Tgt Ion:112 Resp: 430847
Ion Ratio Lower Upper
112 100
64 48.1 56.3 84.5#
63 27.2 30.1 45.1#





#7

Phenol-d6

Concen: 117.640 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG032032.D

Acq: 13 Jan 2018 10:10

Instrument :

BNA_G

ClientSampleId :

CL-02-011118-D

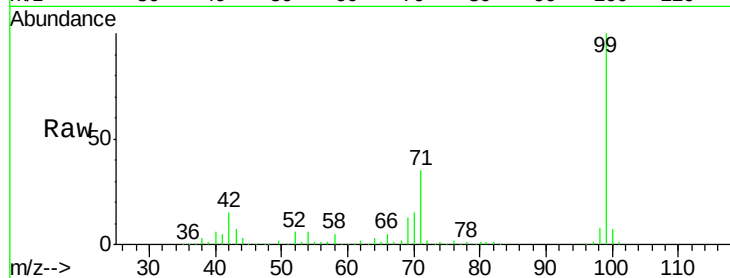
Tgt Ion: 99 Resp: 495322

Ion Ratio Lower Upper

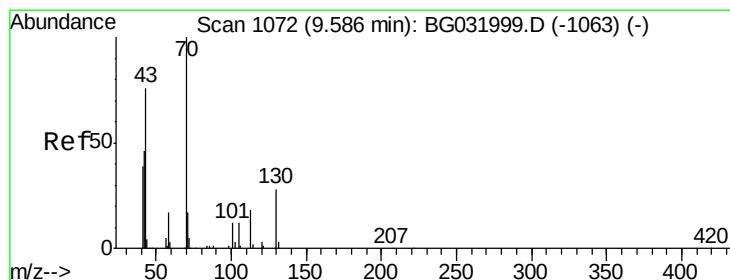
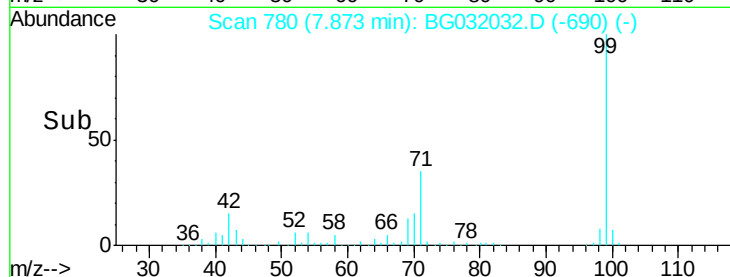
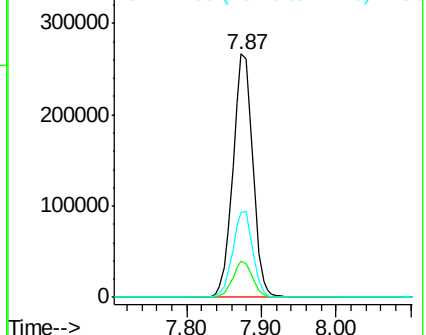
99 100

42 14.7 14.1 21.1

71 35.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 17.824 ng

RT: 9.97 min Scan# 1137

Delta R.T. 0.39 min

Lab File: BG032032.D

Acq: 13 Jan 2018 10:10

Tgt Ion: 70 Resp: 46563

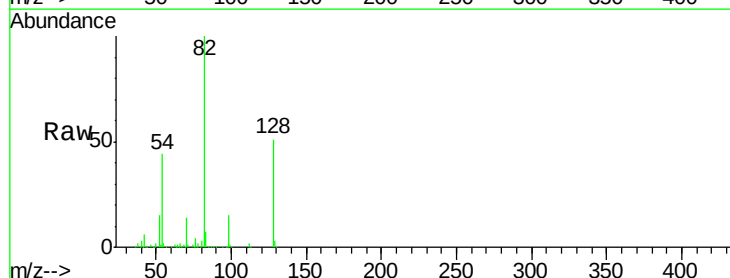
Ion Ratio Lower Upper

70 100

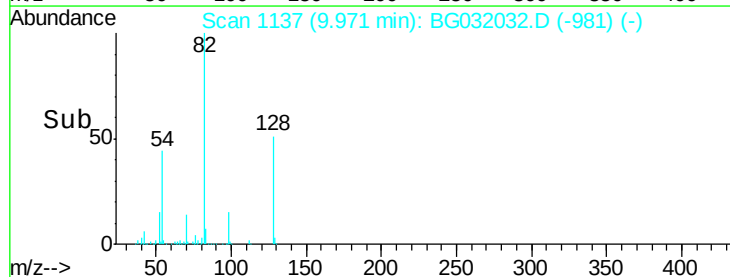
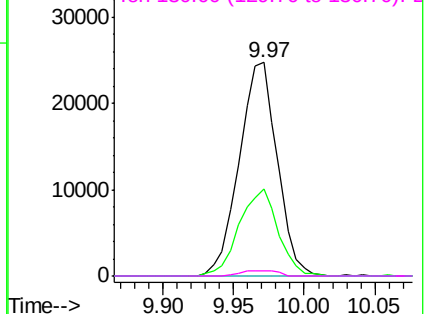
42 40.8 49.1 73.7#

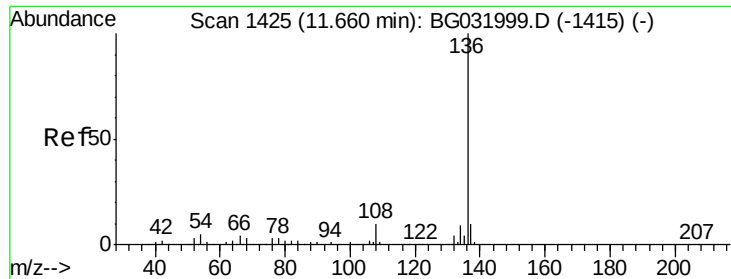
101 0.0 8.5 12.7#

130 2.7 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

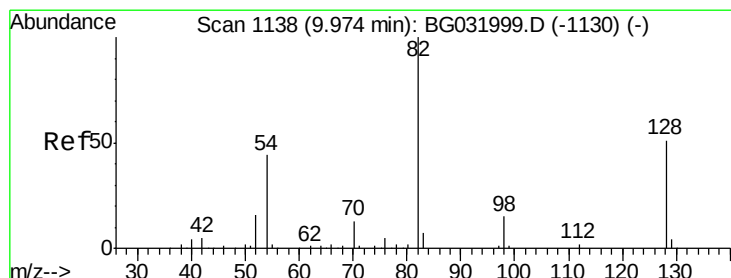
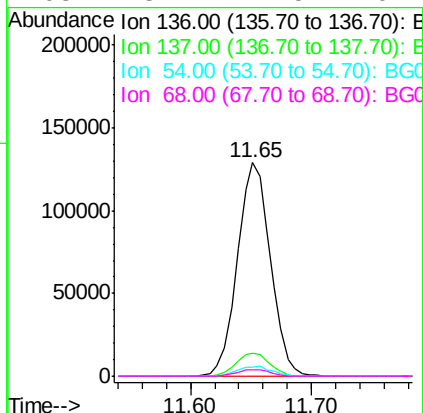
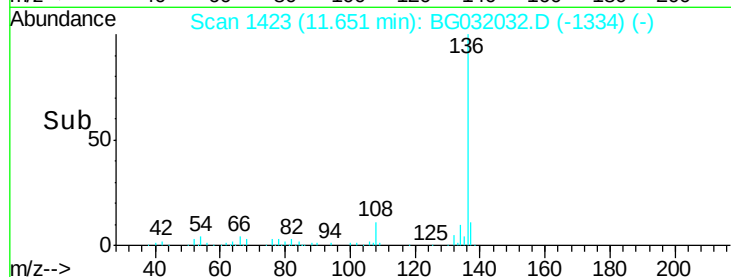
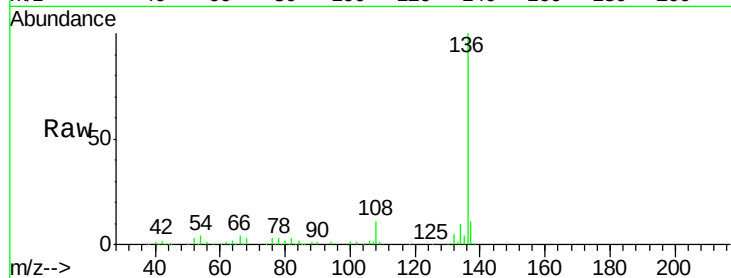




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032032.D
Acq: 13 Jan 2018 10:10

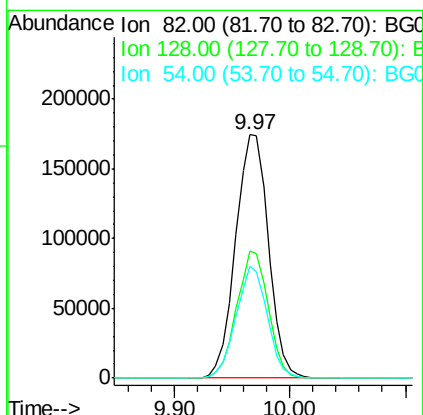
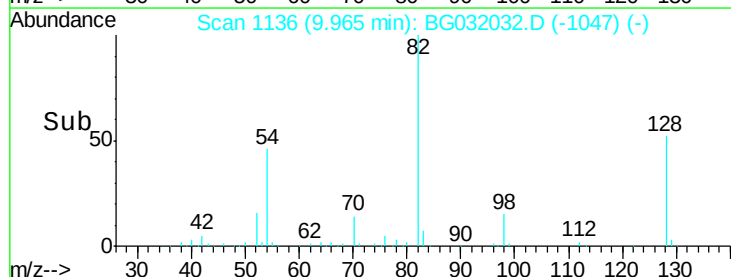
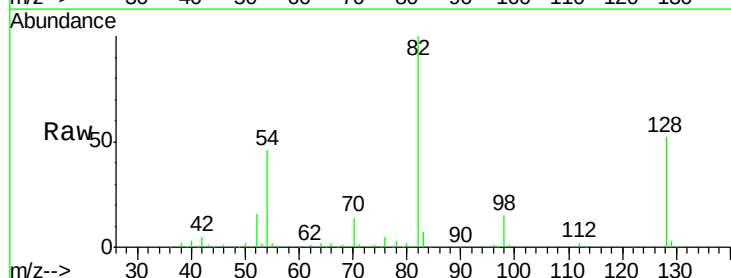
Instrument :
BNA_G
ClientSampleId :
CL-02-011118-D

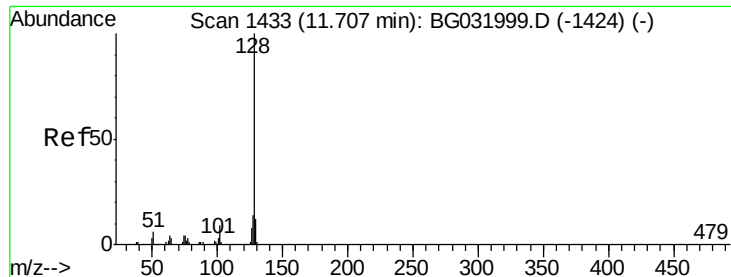
Tgt Ion:	136	Resp:	245502
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.2	13.8
54	4.5	10.3	15.5#
68	3.1	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 94.923 ng
RT: 9.97 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG032032.D
Acq: 13 Jan 2018 10:10

Tgt Ion:	82	Resp:	344455
Ion Ratio	Lower	Upper	
82	100		
128	52.0	29.7	44.5#
54	45.7	43.1	64.7

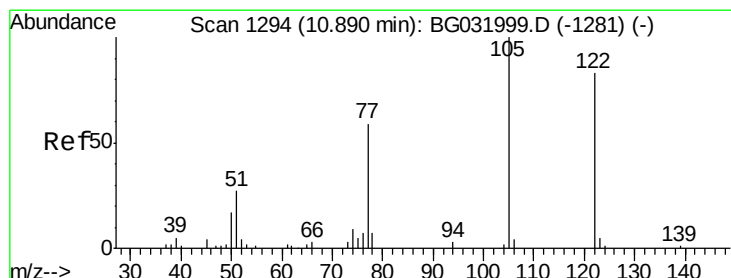
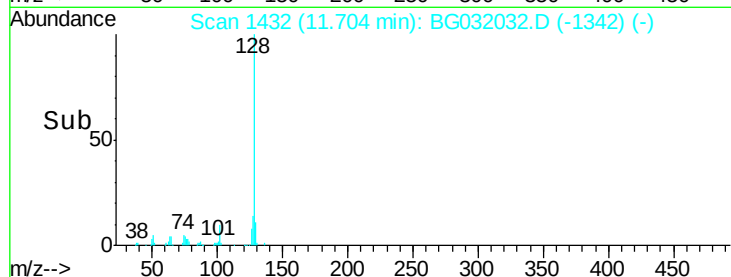
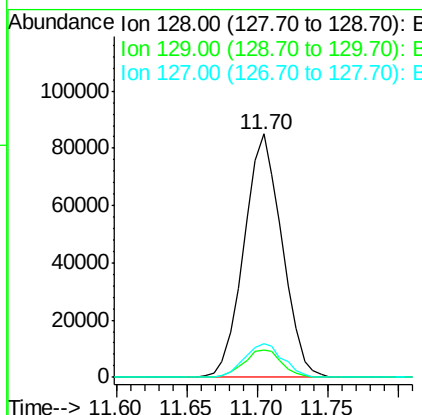
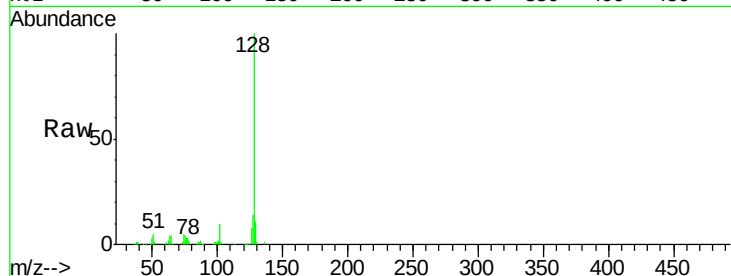




#31
Naphthalene
Concen: 13.148 ng
RT: 11.70 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BG032032.D
Acq: 13 Jan 2018 10:10

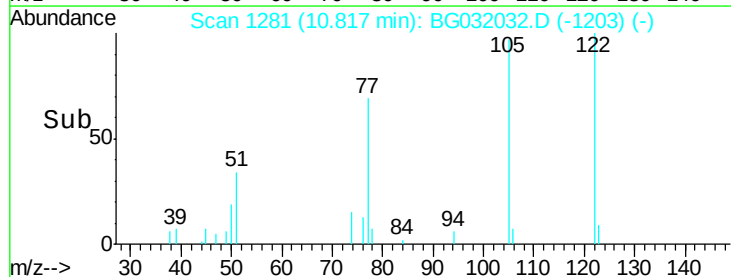
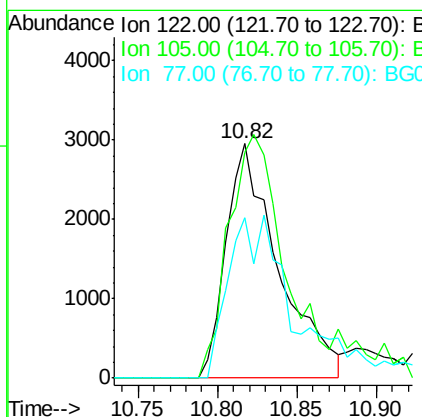
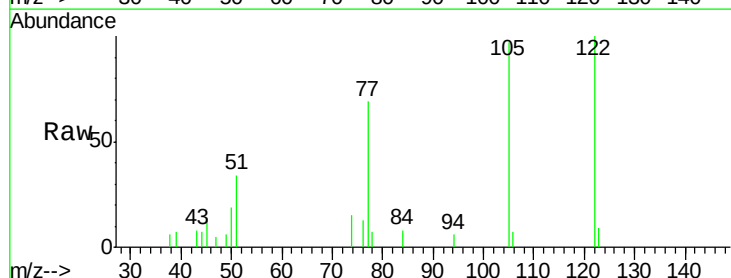
Instrument :
BNA_G
ClientSampleId :
CL-02-011118-D

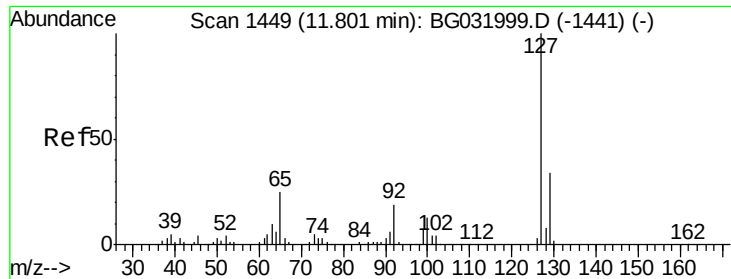
Tgt Ion:128 Resp: 159903
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.9 11.6 17.4



#32
Benzoic acid
Concen: 7.469 ng
RT: 10.82 min Scan# 1281
Delta R.T. -0.07 min
Lab File: BG032032.D
Acq: 13 Jan 2018 10:10

Tgt Ion:122 Resp: 6784
Ion Ratio Lower Upper
122 100
105 96.6 123.5 163.5#
77 68.5 85.7 125.7#

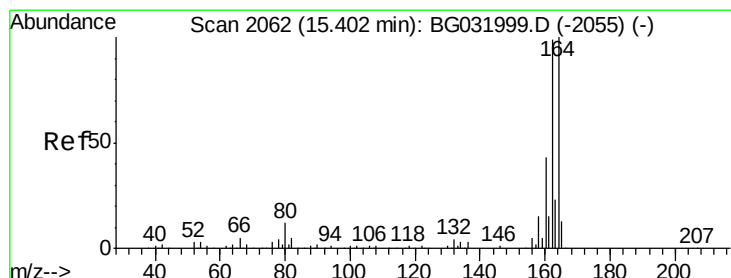
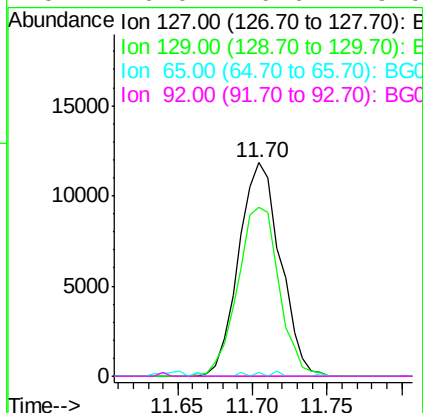
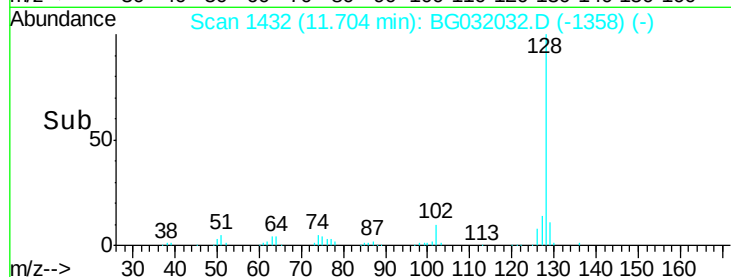
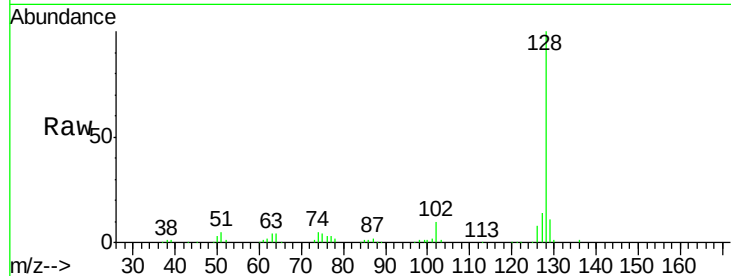




#33
4-Chloroaniline
Concen: 4.379 ng
RT: 11.70 min Scan# 1432
Delta R.T. -0.10 min
Lab File: BG032032.D
Acq: 13 Jan 2018 10:10

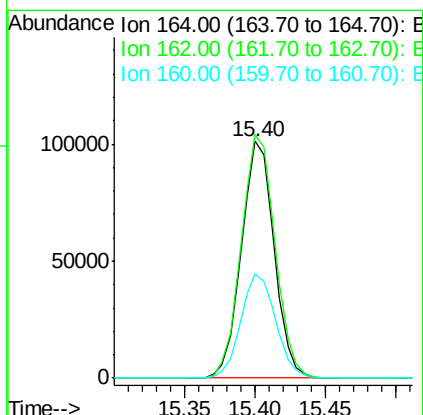
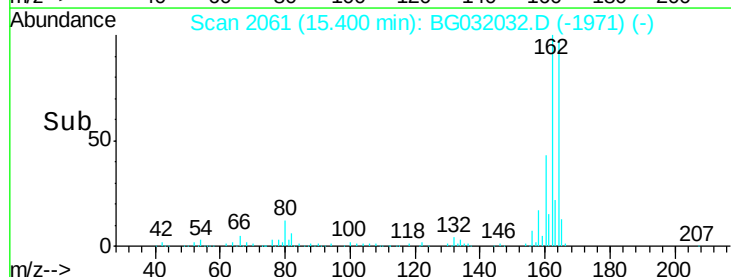
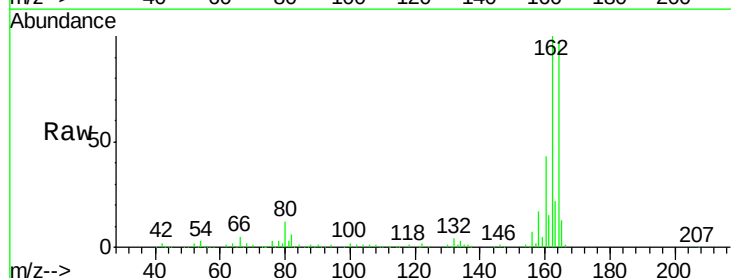
Instrument :
BNA_G
ClientSampleId :
CL-02-011118-D

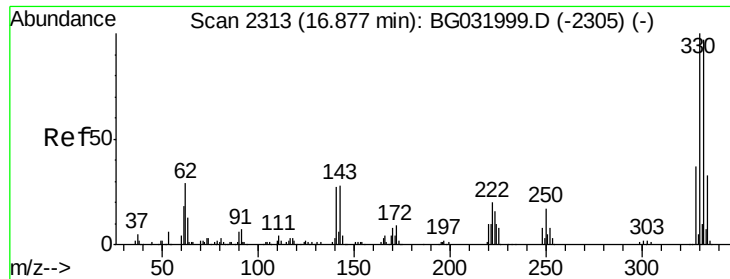
Tgt Ion:127 Resp: 22835
Ion Ratio Lower Upper
127 100
129 78.9 24.0 36.0#
65 2.0 27.0 40.4#
92 0.0 16.6 25.0#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BG032032.D
Acq: 13 Jan 2018 10:10

Tgt Ion:164 Resp: 164490
Ion Ratio Lower Upper
164 100
162 102.7 78.8 118.2
160 43.7 35.4 53.0

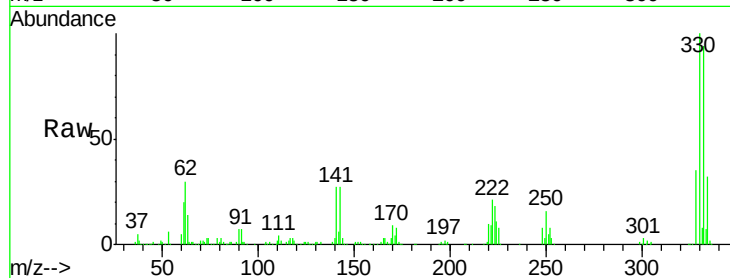




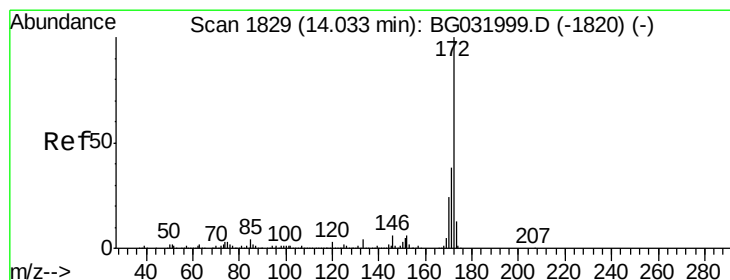
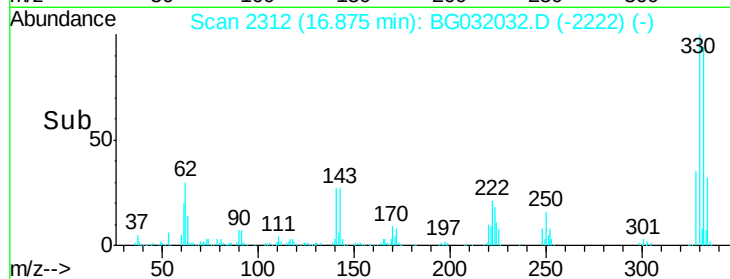
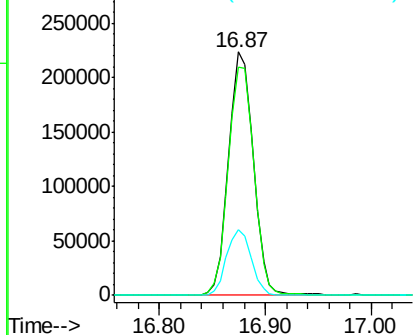
#41
 2,4,6-Tribromophenol
 Concen: 133.291 ng
 RT: 16.87 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: BG032032.D
 Acq: 13 Jan 2018 10:10

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-011118-D

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	27.1	25.2	37.8

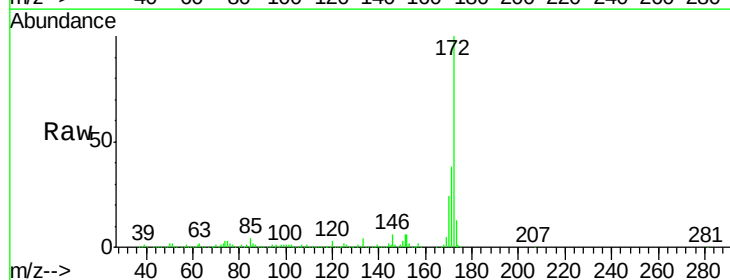


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

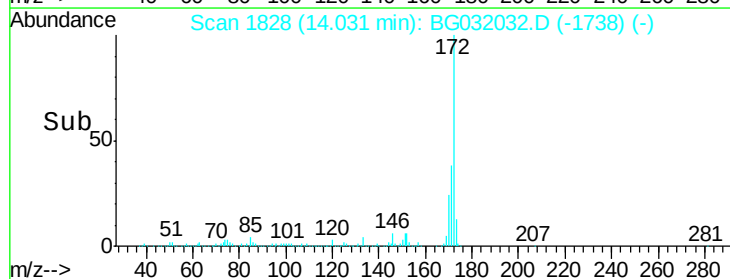
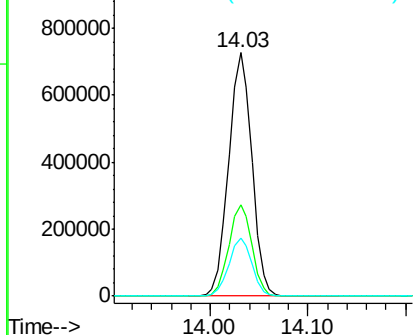


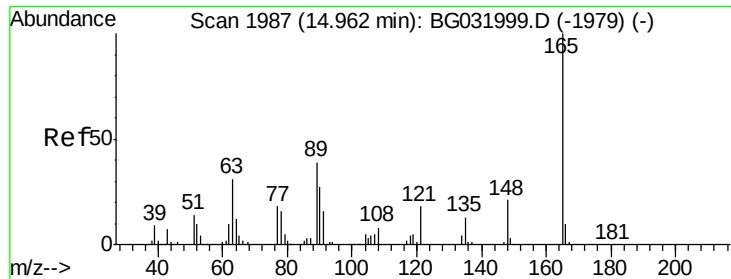
#44
 2-Fluorobiphenyl
 Concen: 90.113 ng
 RT: 14.03 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BG032032.D
 Acq: 13 Jan 2018 10:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	23.8	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

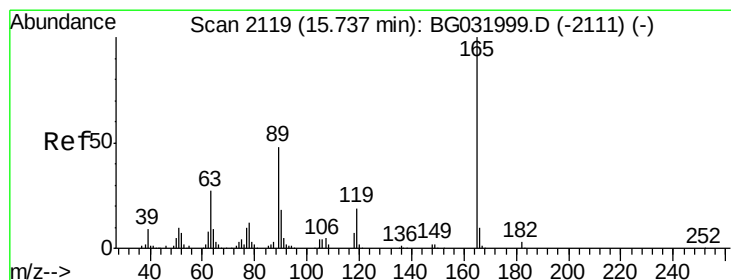
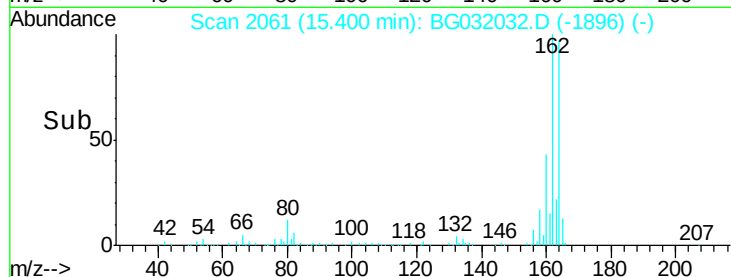
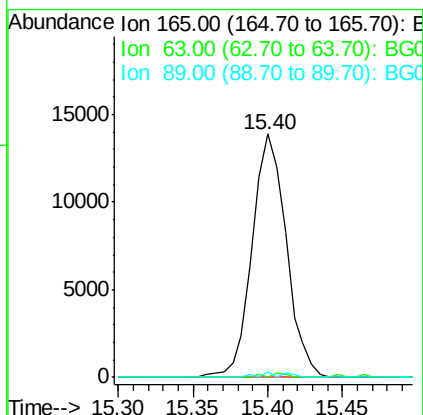
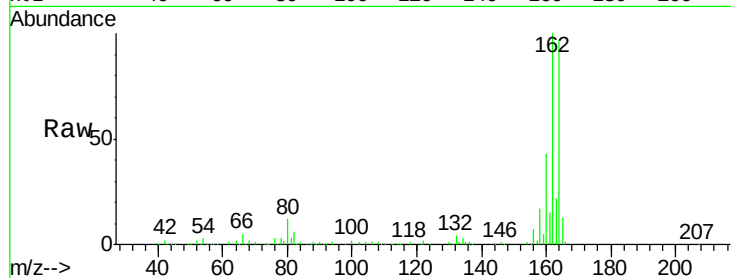




#50
 2,6-Dinitrotoluene
 Concen: 7.348 ng
 RT: 15.40 min Scan# 2061
 Delta R.T. 0.44 min
 Lab File: BG032032.D
 Acq: 13 Jan 2018 10:10

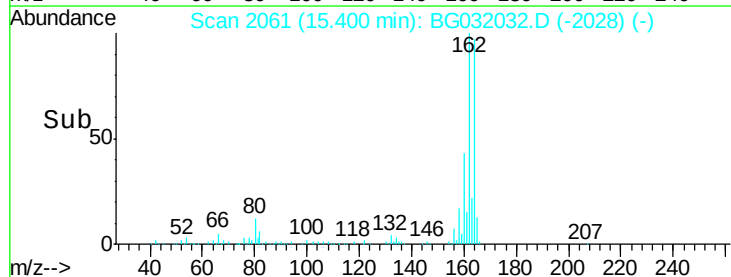
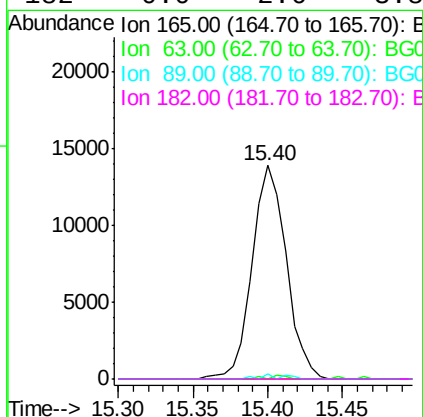
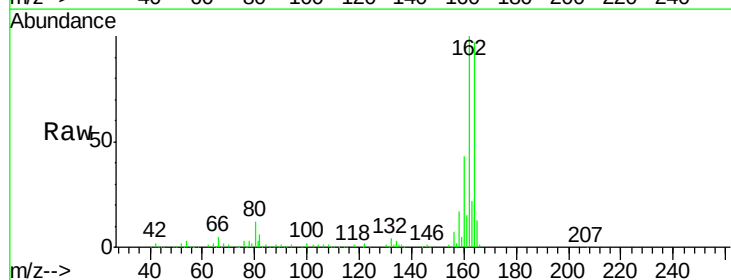
Instrument :
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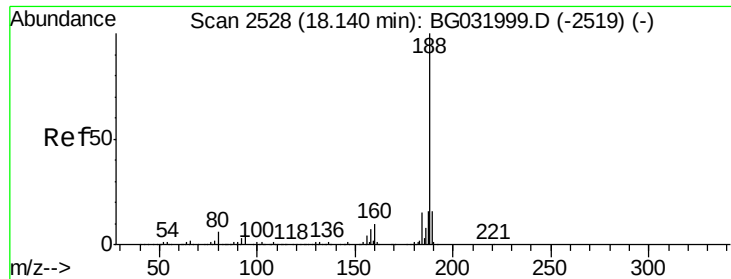
Tgt Ion:165 Resp: 21953
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 2.1 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.458 ng
 RT: 15.40 min Scan# 2061
 Delta R.T. -0.34 min
 Lab File: BG032032.D
 Acq: 13 Jan 2018 10:10

Tgt Ion:165 Resp: 21953
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 2.1 66.9 100.3#
 182 0.0 2.6 3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.13 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BG032032.D

Acq: 13 Jan 2018 10:10

Instrument :

BNA_G

ClientSampleId :

CL-02-011118-D

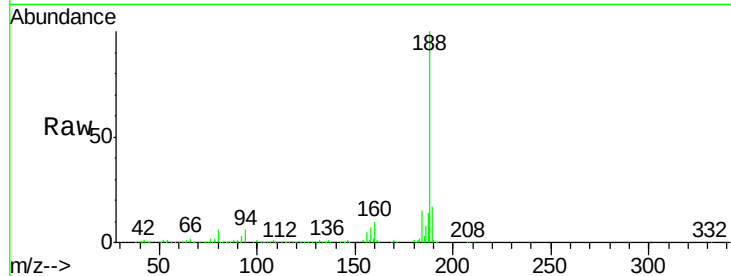
Tgt Ion:188 Resp: 404638

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

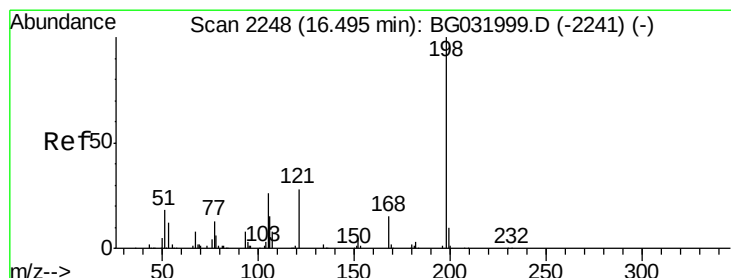
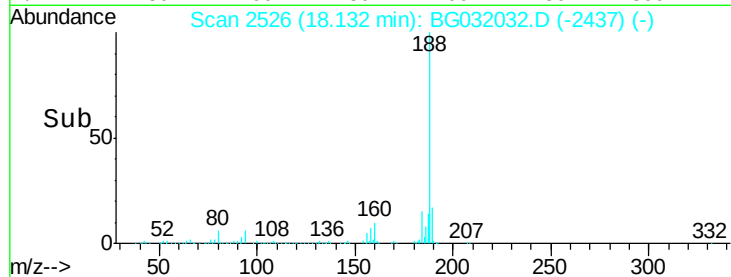
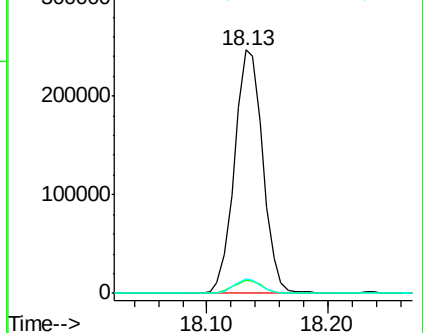
80 5.9 7.7 11.5#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 5.236 ng

RT: 16.87 min Scan# 2311

Delta R.T. 0.37 min

Lab File: BG032032.D

Acq: 13 Jan 2018 10:10

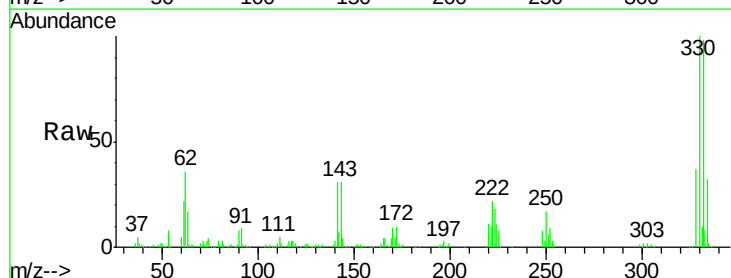
Tgt Ion:198 Resp: 1013

Ion Ratio Lower Upper

198 100

51 129.6 30.6 70.6#

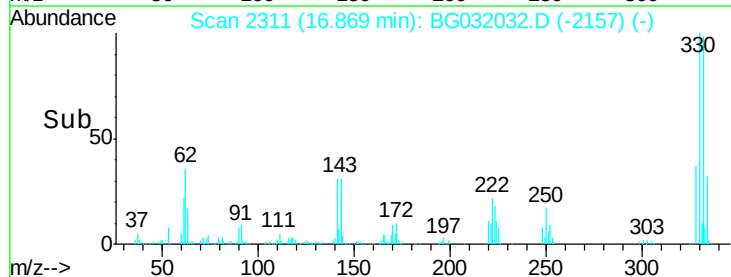
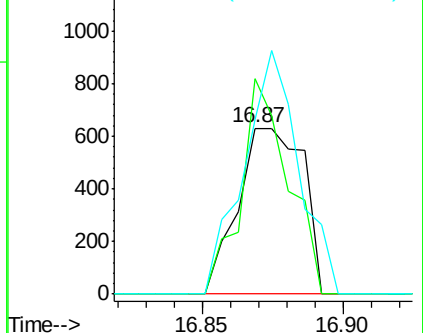
105 105.4 23.8 63.8#

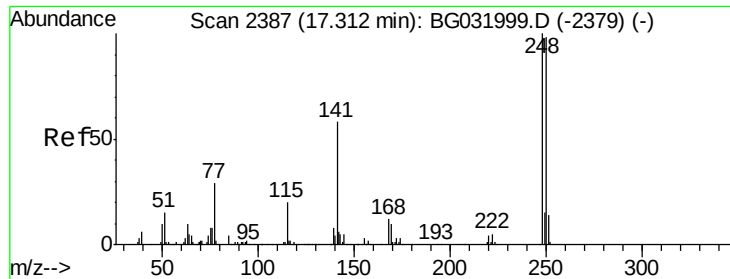


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

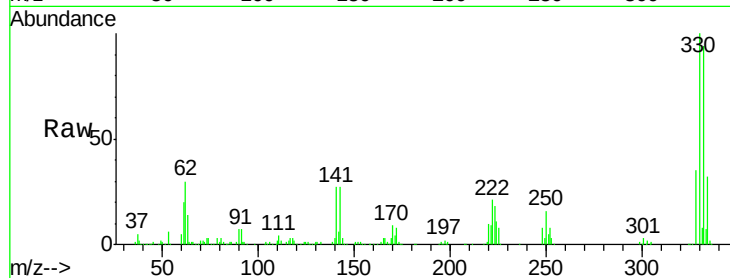




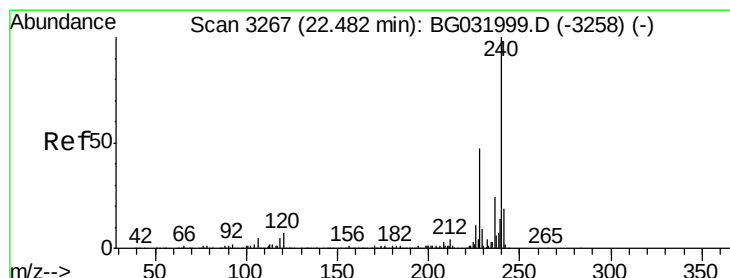
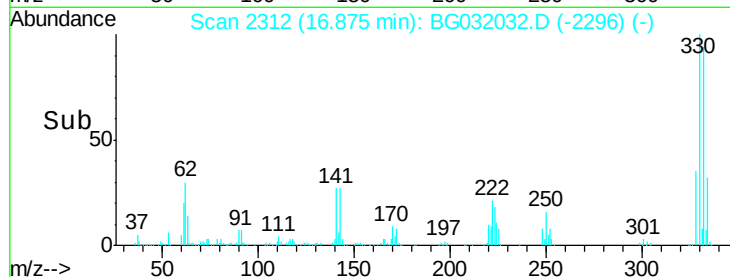
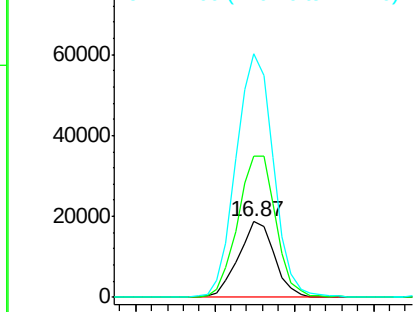
#66
 4-Bromophenyl-phenylether
 Concen: 5.125 ng
 RT: 16.87 min Scan# 2312
 Delta R.T. -0.44 min
 Lab File: BG032032.D
 Acq: 13 Jan 2018 10:10

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-011118-D

Tgt Ion	Ratio	Lower	Upper
248	100		
250	186.5	77.1	115.7#
141	322.8	50.8	76.2#

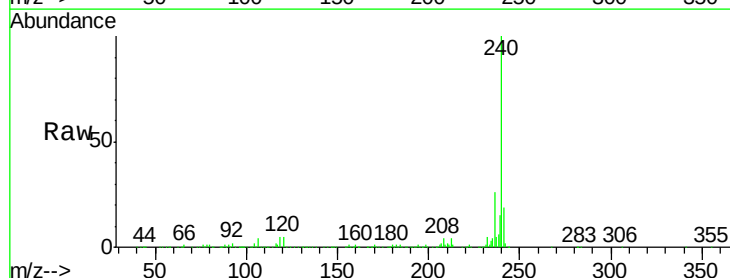


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

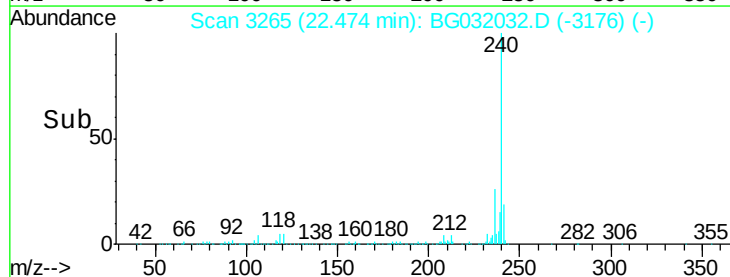
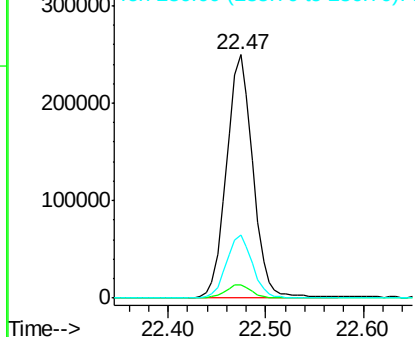


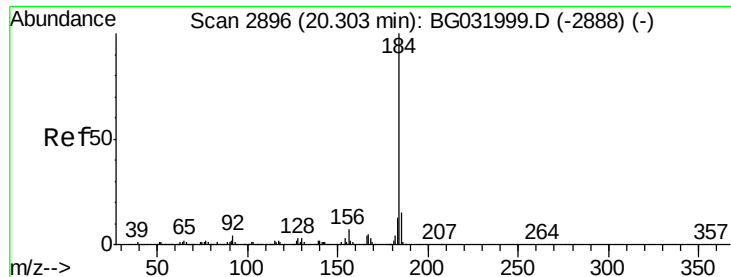
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.47 min Scan# 3265
 Delta R.T. -0.01 min
 Lab File: BG032032.D
 Acq: 13 Jan 2018 10:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.2	6.8	10.2#
236	25.8	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

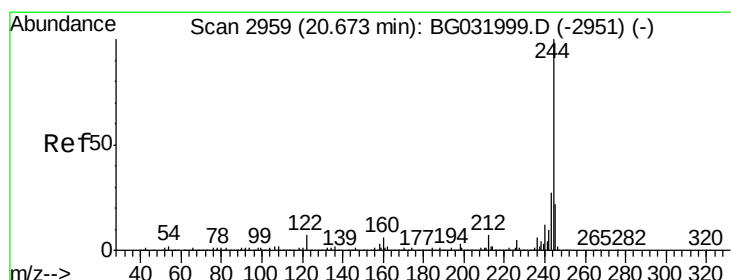
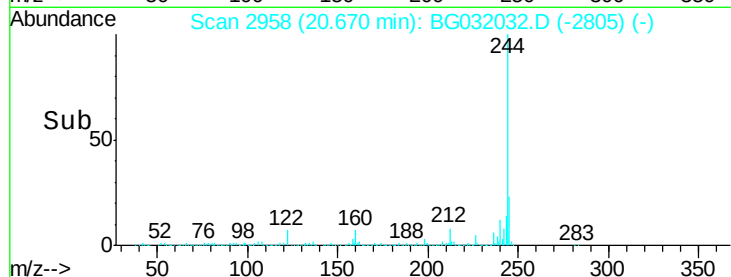
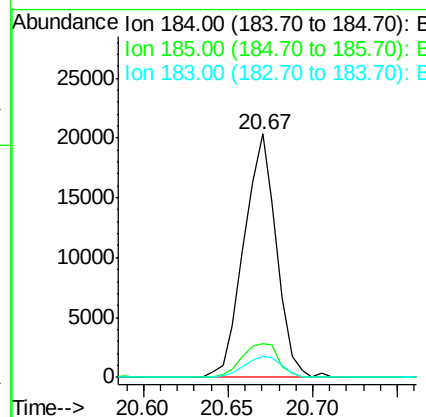
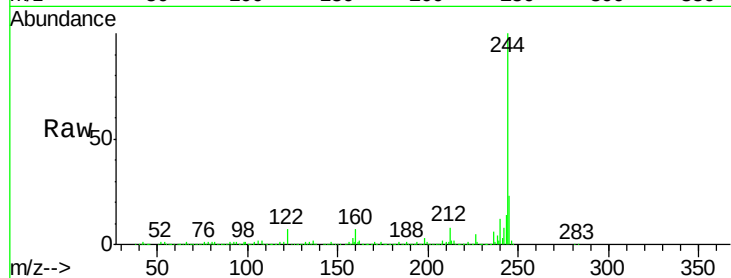




#76
Benzidine
Concen: 2.313 ng
RT: 20.67 min Scan# 2958
Delta R.T. 0.37 min
Lab File: BG032032.D
Acq: 13 Jan 2018 10:10

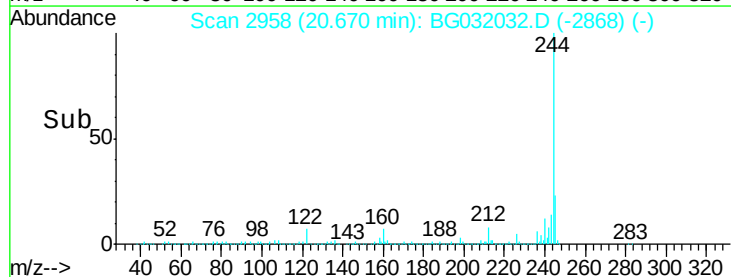
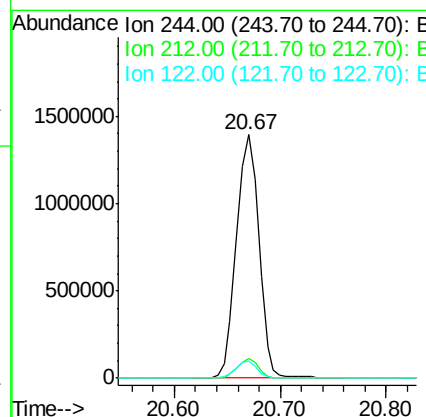
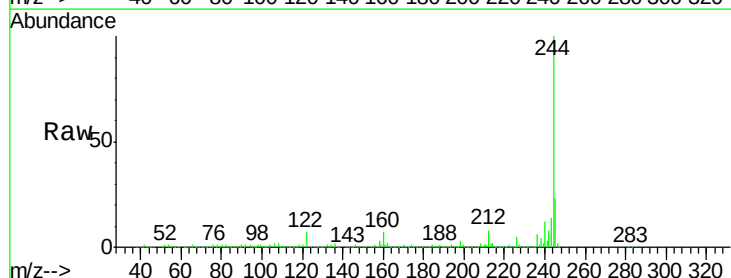
Instrument :
BNA_G
ClientSampleId :
CL-02-011118-D

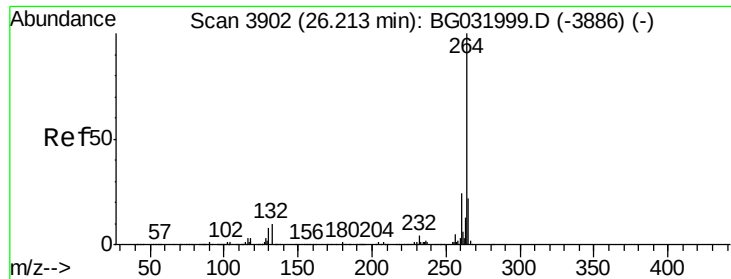
Tgt Ion:184 Resp: 27154
Ion Ratio Lower Upper
184 100
185 14.1 11.1 16.7
183 8.8 10.6 16.0#



#78
Terphenyl-d14
Concen: 96.948 ng
RT: 20.67 min Scan# 2958
Delta R.T. -0.00 min
Lab File: BG032032.D
Acq: 13 Jan 2018 10:10

Tgt Ion:244 Resp: 2061389
Ion Ratio Lower Upper
244 100
212 8.0 5.8 8.8
122 7.0 7.0 10.4

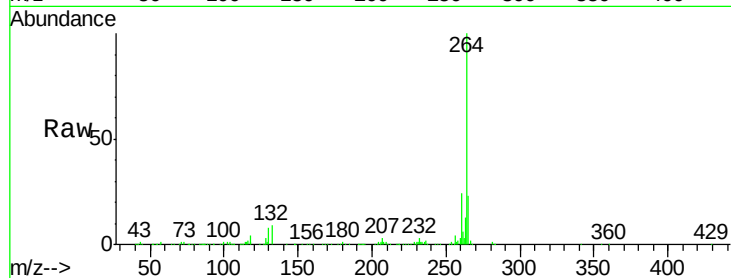




#86
Perylene-d12
Concen: 20.000 ng
RT: 26.19 min Scan# 3898
Delta R.T. -0.02 min
Lab File: BG032032.D
Acq: 13 Jan 2018 10:10

Instrument :
BNA_G
ClientSampleId :
CL-02-011118-D

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	23.2	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

