

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011218\
 Data File : BG032031.D
 Acq On : 13 Jan 2018 9:32
 Operator : SJ/JU
 Sample : J1015-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Jan 15 09:57:45 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

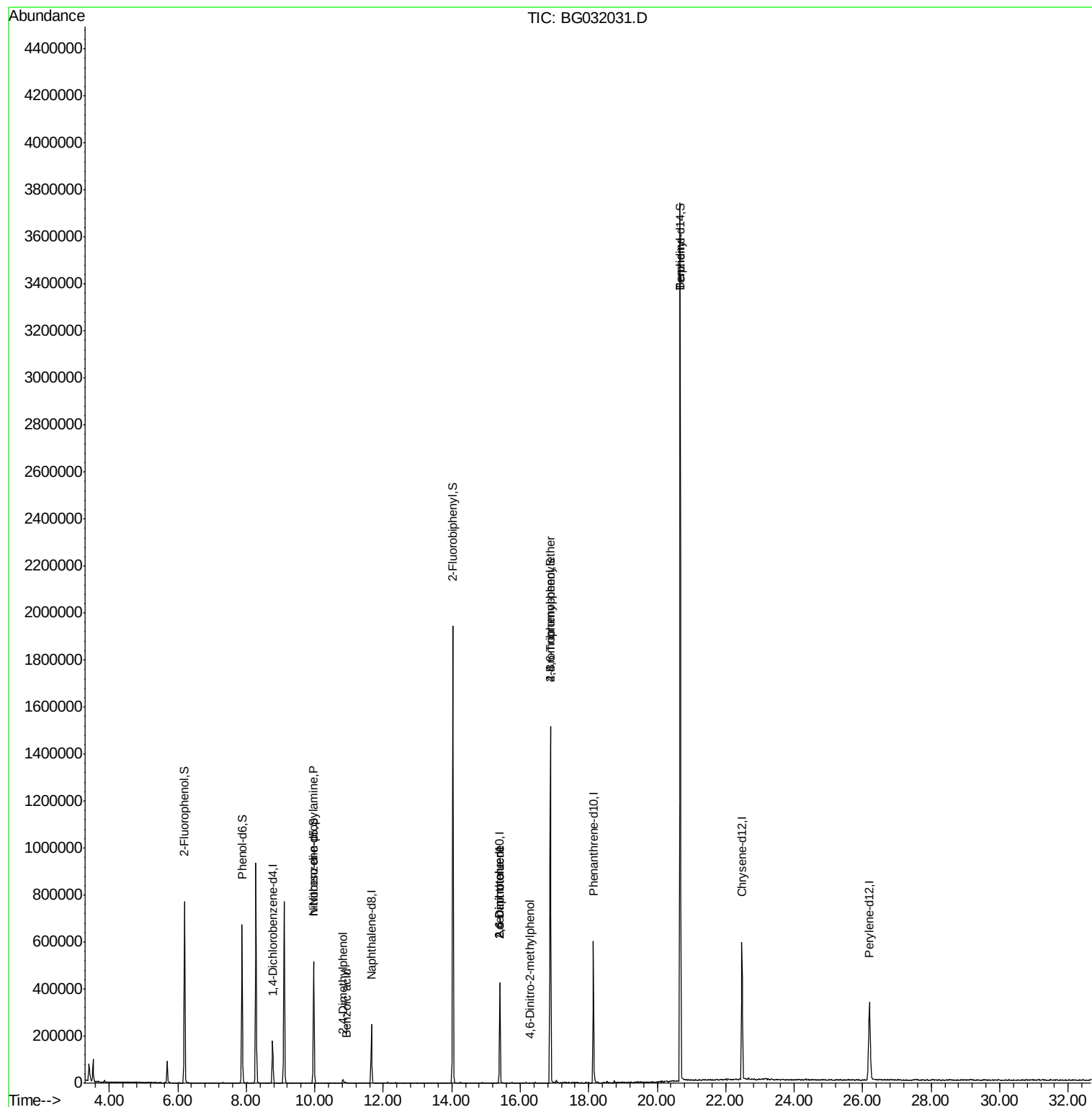
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	60458	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	246818	20.00	ng	0.00
38) Acenaphthene-d10	15.40	164	164317	20.00	ng	0.00
63) Phenanthrene-d10	18.14	188	409923	20.00	ng	0.00
75) Chrysene-d12	22.47	240	461565	20.00	ng	-0.01
86) Perylene-d12	26.20	264	482862	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	417814	126.39	ng	0.00
7) Phenol-d6	7.88	99	453735	108.99	ng	0.00
23) Nitrobenzene-d5	9.97	82	347060	95.13	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	361754	133.04	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	1202824	90.77	ng	0.00
78) Terphenyl-d14	20.67	244	2036103	97.40	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.97	70	46115	17.852	ng	# 71
27) 2,4-Dimethylphenol	10.82	122	8307	2.428	ng	# 1
32) Benzoic acid	10.93	122	270	5.344	ng	# 1
50) 2,6-Dinitrotoluene	15.40	165	21601	7.237	ng	# 20
56) 2,4-Dinitrotoluene	15.40	165	21601	5.376	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.27	198	61	4.905	ng	# 29
66) 4-Bromophenyl-phenylether	16.87	248	29661	5.086	ng	# 1
76) Benzidine	20.67	184	27622	2.393	ng	# 92

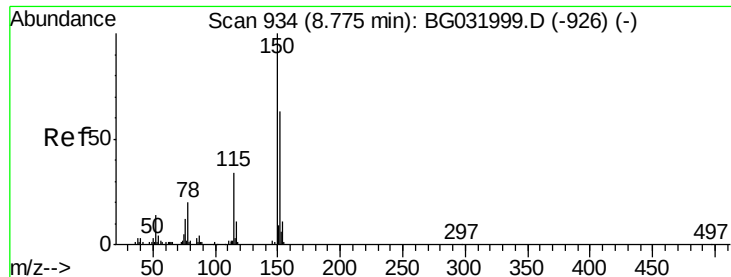
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011218\
Data File : BG032031.D
Acq On : 13 Jan 2018 9:32
Operator : SJ/JU
Sample : J1015-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Jan 15 09:57:45 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



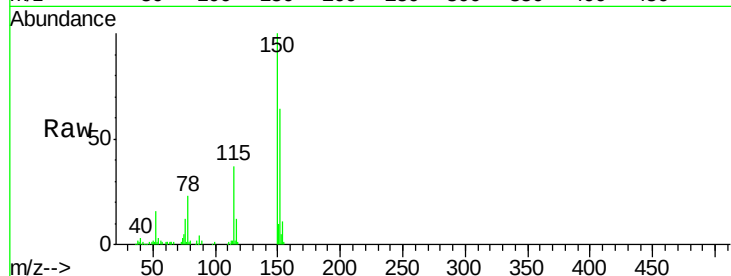


#1

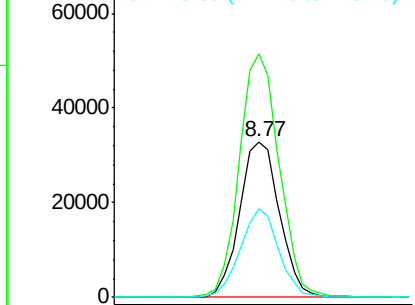
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 933
Delta R.T. -0.01 min
Lab File: BG032031.D
Acq: 13 Jan 2018 9:32

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

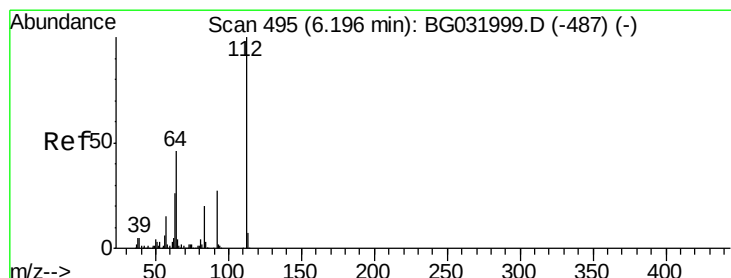
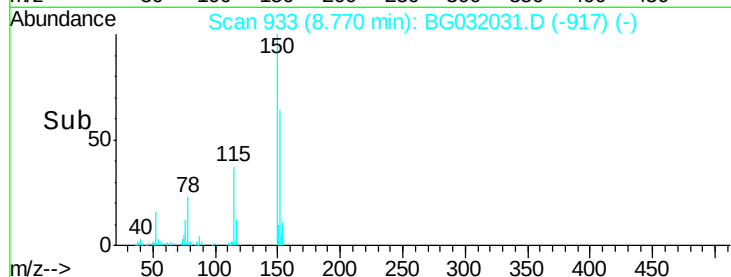
Tgt Ion:152 Resp: 60458
Ion Ratio Lower Upper
152 100
150 156.2 126.6 189.8
115 57.3 53.0 79.4



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



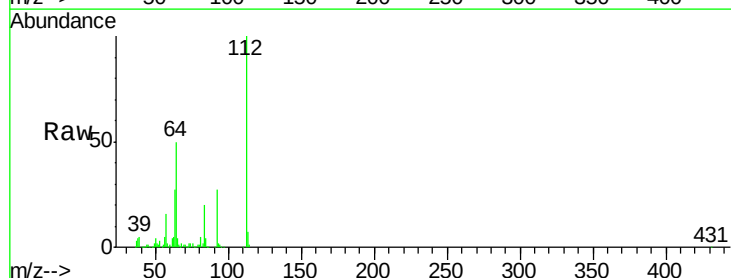
Time-->



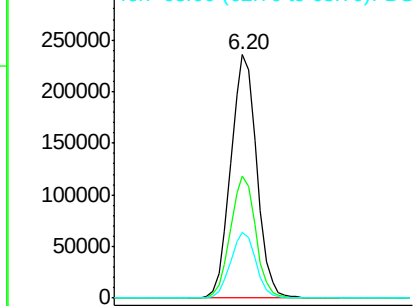
#5

2-Fluorophenol
Concen: 126.394 ng
RT: 6.20 min Scan# 495
Delta R.T. 0.00 min
Lab File: BG032031.D
Acq: 13 Jan 2018 9:32

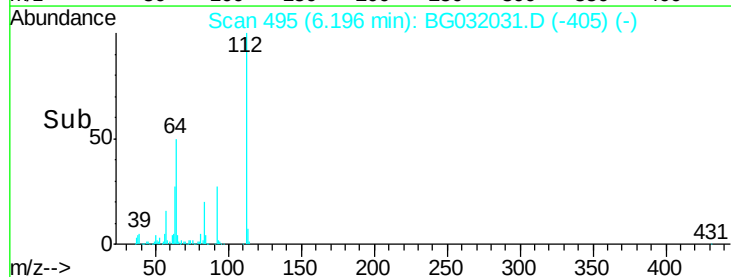
Tgt Ion:112 Resp: 417814
Ion Ratio Lower Upper
112 100
64 50.3 56.3 84.5#
63 26.7 30.1 45.1#

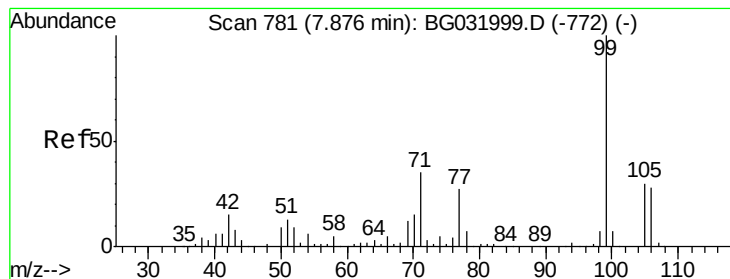


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



Time-->





#7

Phenol-d6

Concen: 108.986 ng

RT: 7.88 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG032031.D

Acq: 13 Jan 2018 9:32

Instrument :

BNA_G

ClientSampleId :

CL-02-011118-C

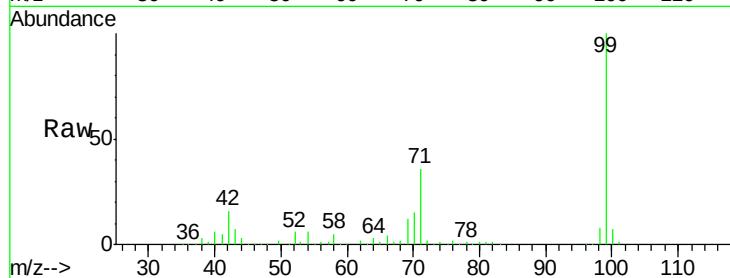
Tgt Ion: 99 Resp: 453735

Ion Ratio Lower Upper

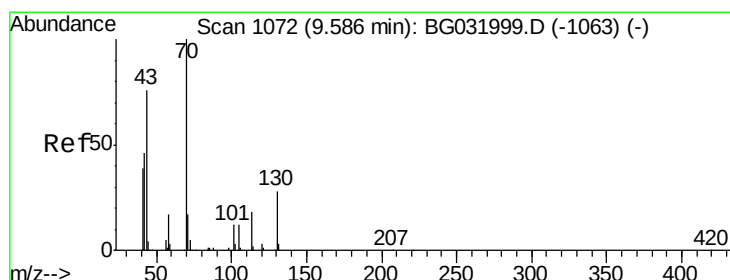
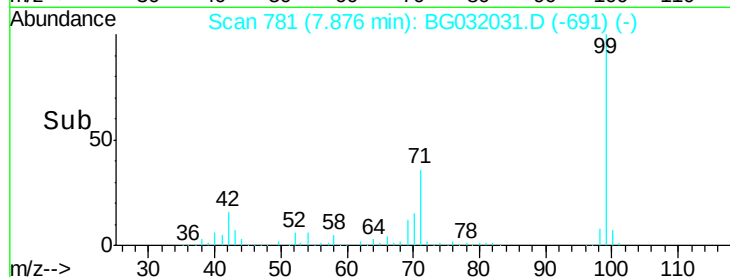
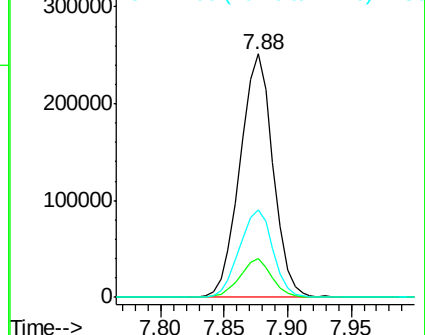
99 100

42 15.8 14.1 21.1

71 35.9 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



#19

n-Nitroso-di-n-propylamine

Concen: 17.852 ng

RT: 9.97 min Scan# 1137

Delta R.T. 0.38 min

Lab File: BG032031.D

Acq: 13 Jan 2018 9:32

Tgt Ion: 70 Resp: 46115

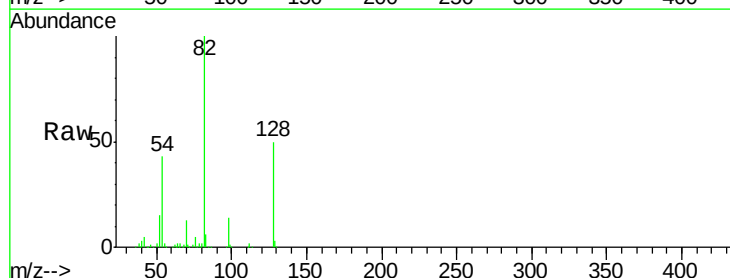
Ion Ratio Lower Upper

70 100

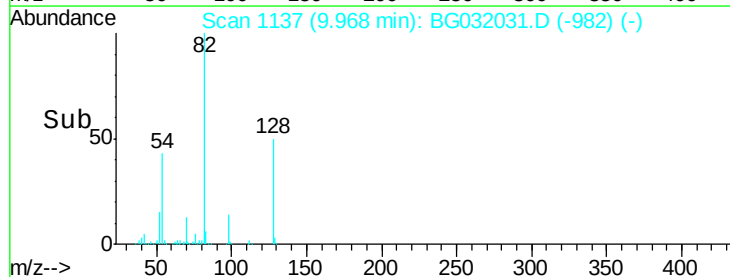
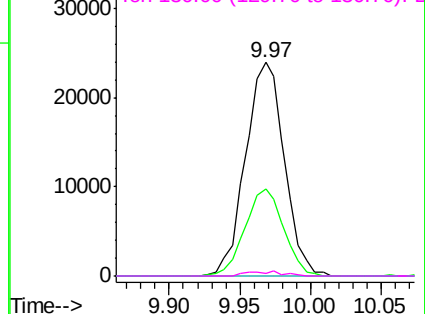
42 40.7 49.1 73.7#

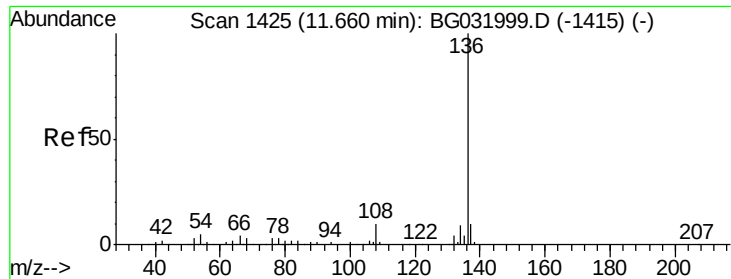
101 0.0 8.5 12.7#

130 1.4 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

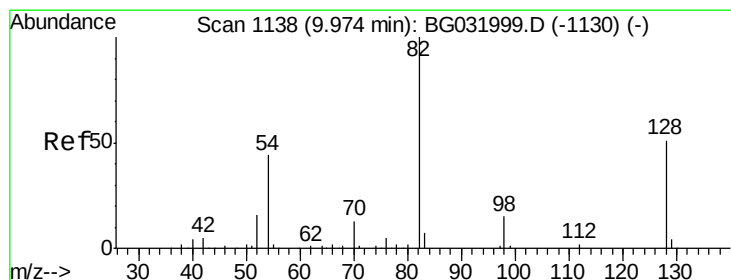
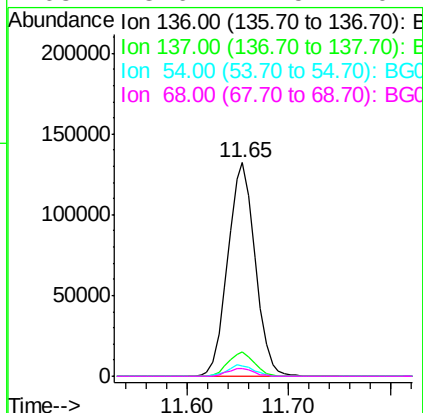
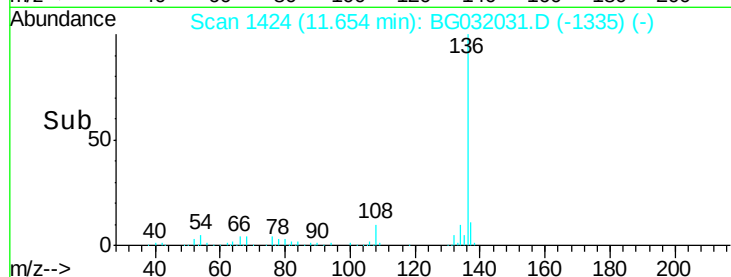
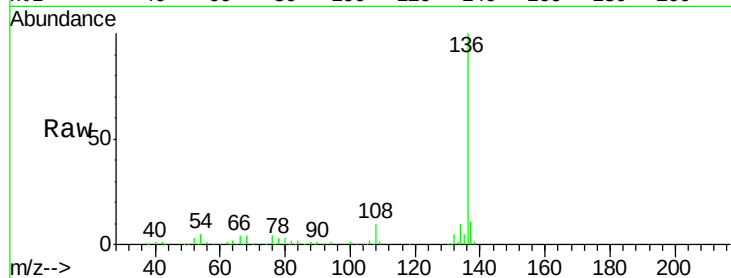




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BG032031.D
Acq: 13 Jan 2018 9:32

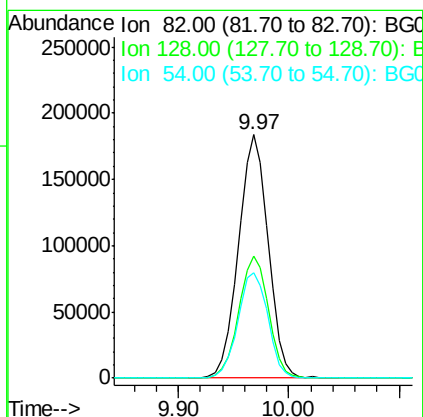
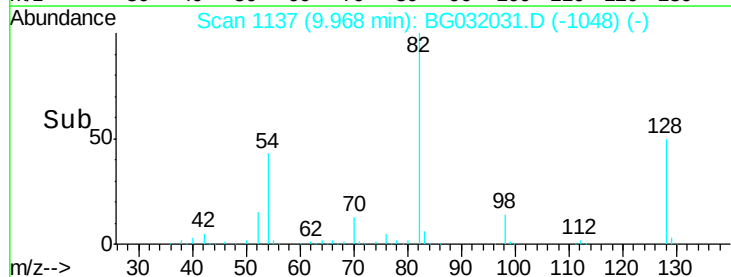
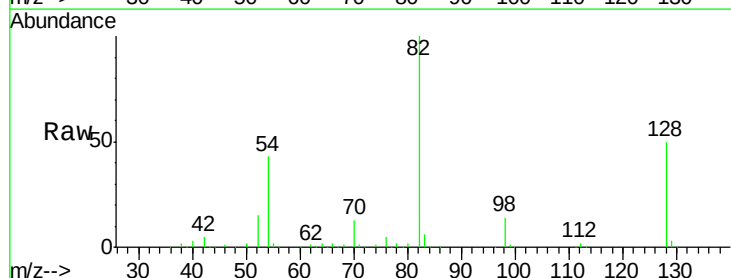
Instrument :
BNA_G
ClientSampleId :
CL-02-011118-C

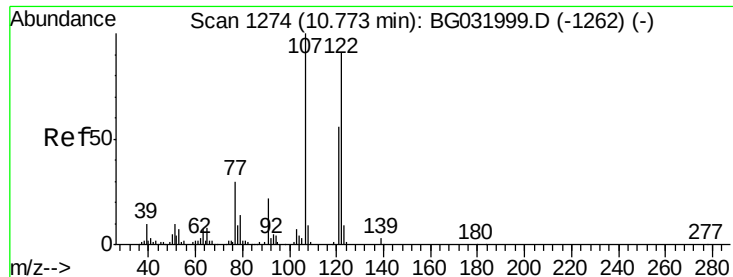
Tgt Ion:	136	Resp:	246818
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	5.0	10.3	15.5#
68	3.6	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 95.131 ng
RT: 9.97 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BG032031.D
Acq: 13 Jan 2018 9:32

Tgt Ion:	82	Resp:	347060
Ion	Ratio	Lower	Upper
82	100		
128	50.3	29.7	44.5#
54	43.1	43.1	64.7#





#27

2,4-Dimethylphenol

Concen: 2.428 ng

RT: 10.82 min Scan# 1282

Delta R.T. 0.05 min

Lab File: BG032031.D

Acq: 13 Jan 2018 9:32

Instrument :

BNA_G

ClientSampleId :

CL-02-011118-C

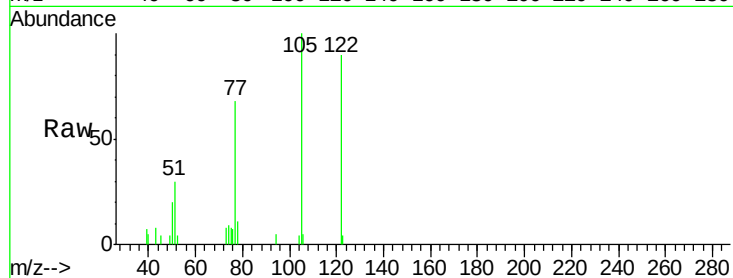
Tgt Ion:122 Resp: 8307

Ion Ratio Lower Upper

122 100

107 0.0 100.2 150.2#

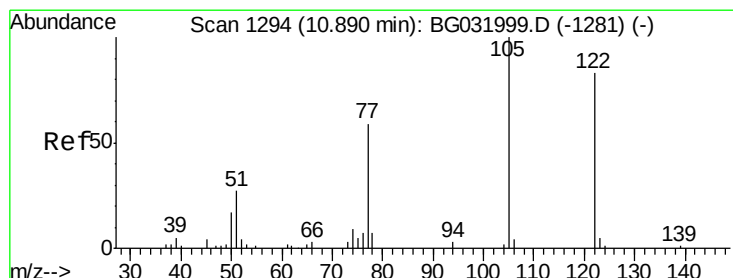
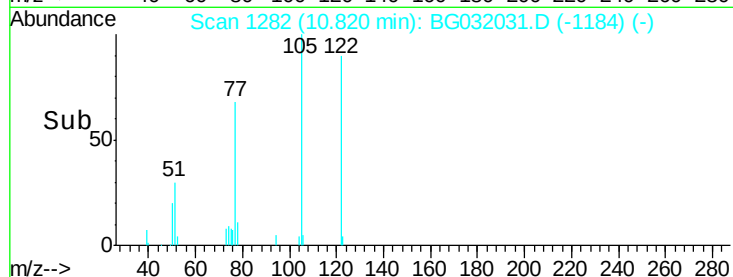
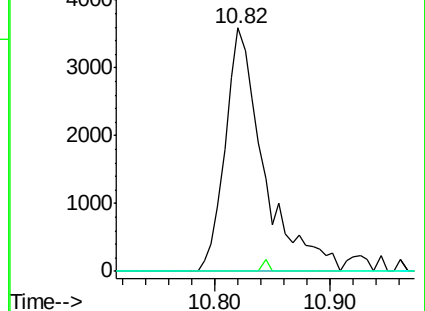
121 0.0 44.4 66.6#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#32

Benzoic acid

Concen: 5.344 ng

RT: 10.93 min Scan# 1300

Delta R.T. 0.04 min

Lab File: BG032031.D

Acq: 13 Jan 2018 9:32

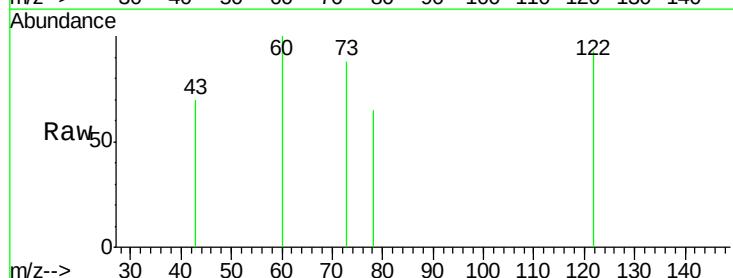
Tgt Ion:122 Resp: 270

Ion Ratio Lower Upper

122 100

105 0.0 123.5 163.5#

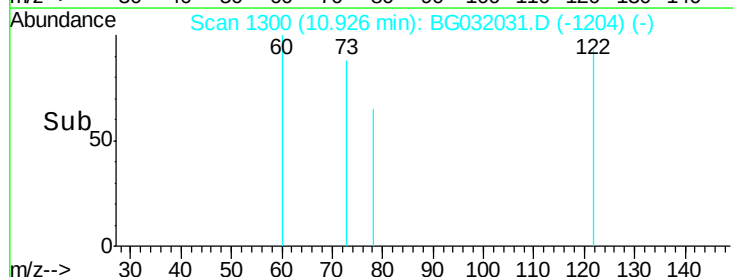
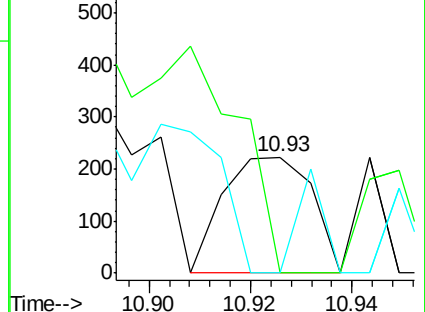
77 0.0 85.7 125.7#

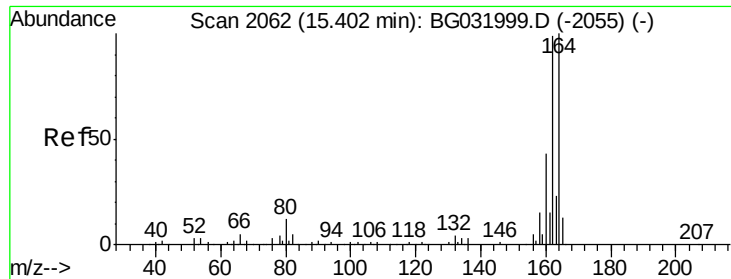


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.40 min Scan# 2062

Delta R.T. 0.00 min

Lab File: BG032031.D

Acq: 13 Jan 2018 9:32

Instrument :

BNA_G

ClientSampleId :

CL-02-011118-C

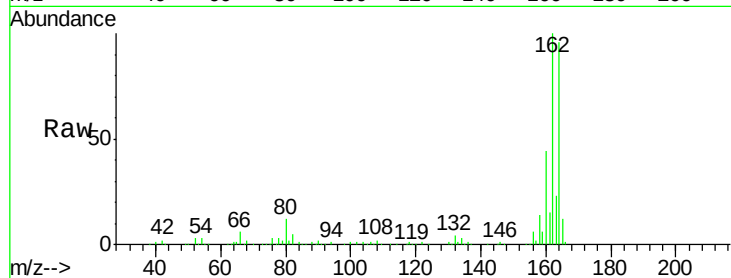
Tgt Ion:164 Resp: 164317

Ion Ratio Lower Upper

164 100

162 104.4 78.8 118.2

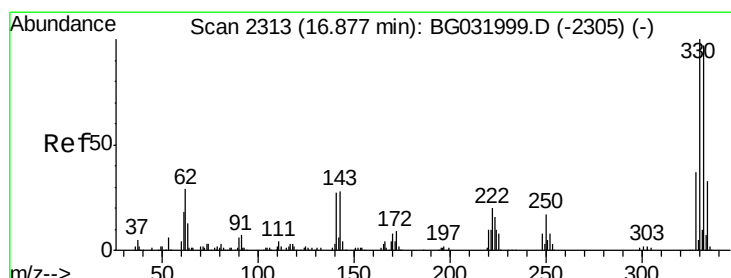
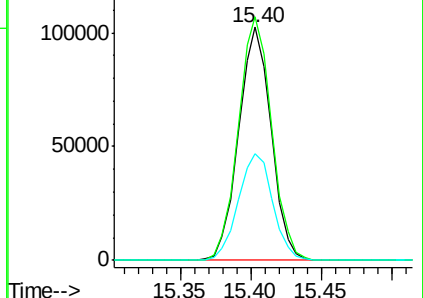
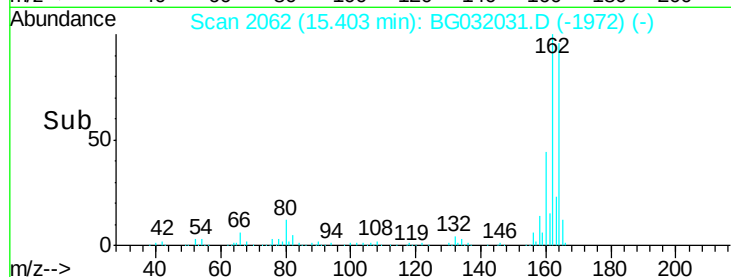
160 45.9 35.4 53.0



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: 133.044 ng

RT: 16.88 min Scan# 2313

Delta R.T. 0.00 min

Lab File: BG032031.D

Acq: 13 Jan 2018 9:32

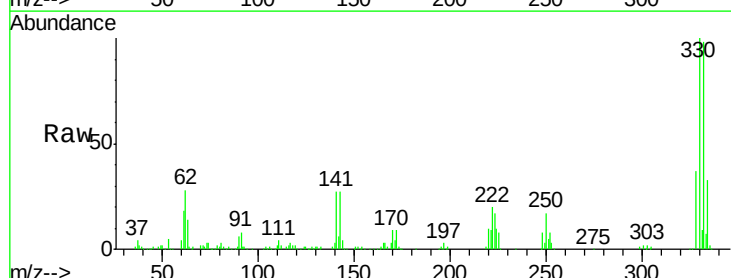
Tgt Ion:330 Resp: 361754

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

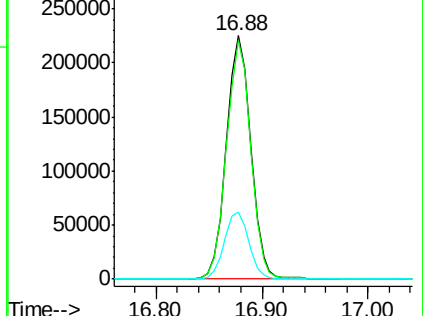
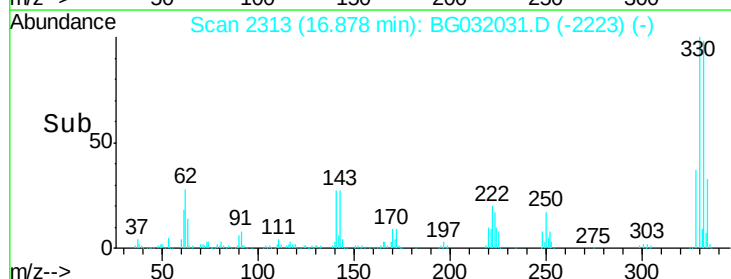
141 27.6 25.2 37.8

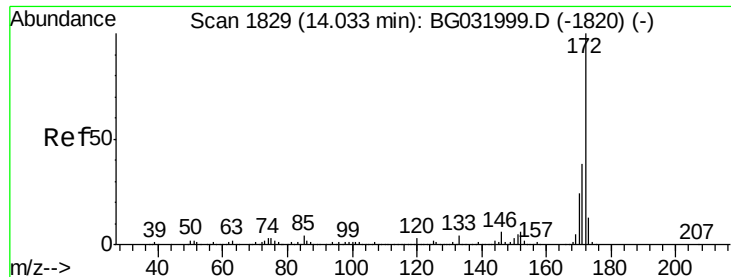


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

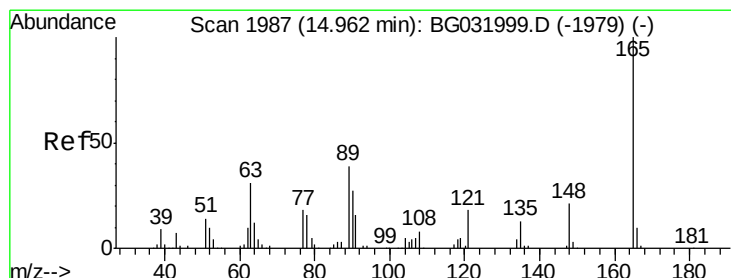
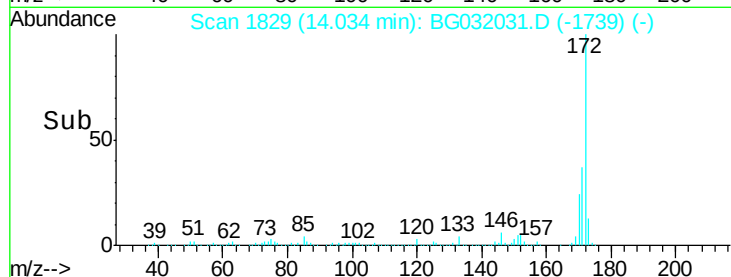
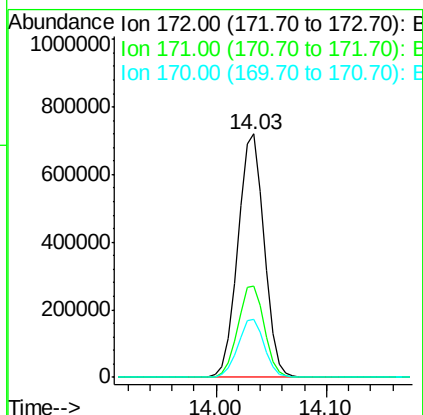
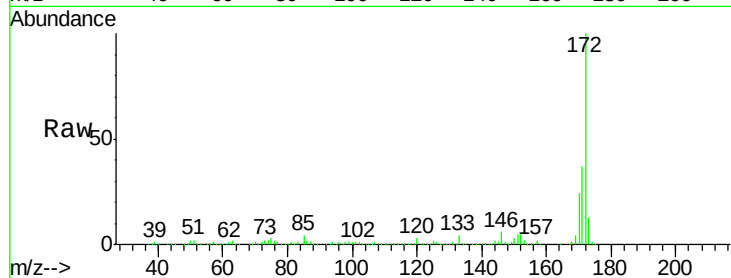




#44
 2-Fluorobiphenyl
 Concen: 90.766 ng
 RT: 14.03 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BG032031.D
 Acq: 13 Jan 2018 9:32

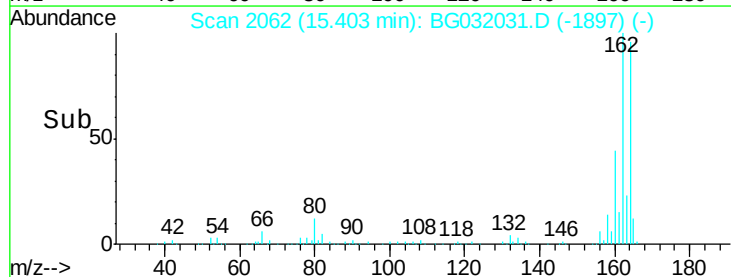
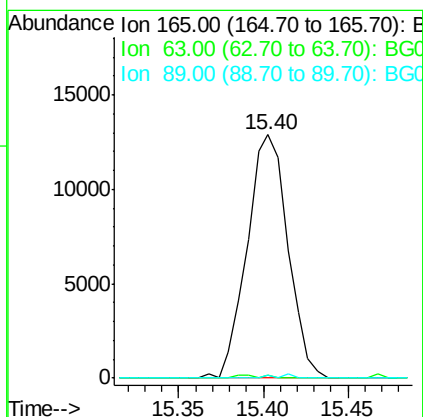
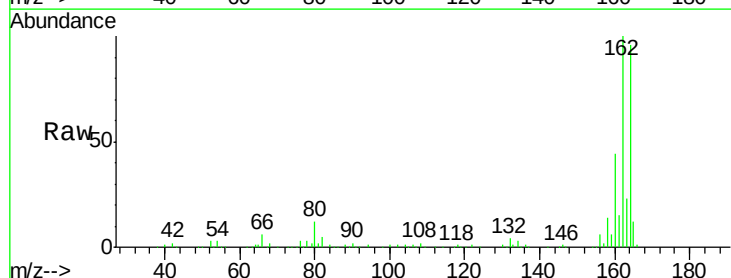
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-011118-C

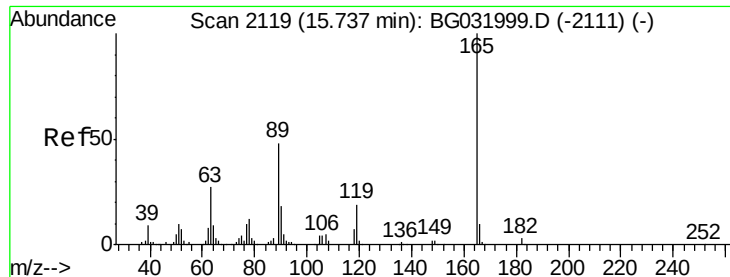
Tgt Ion:172 Resp: 1202824
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 24.1 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.237 ng
 RT: 15.40 min Scan# 2062
 Delta R.T. 0.44 min
 Lab File: BG032031.D
 Acq: 13 Jan 2018 9:32

Tgt Ion:165 Resp: 21601
 Ion Ratio Lower Upper
 165 100
 63 1.2 52.7 79.1#
 89 1.3 49.2 73.8#





#56

2,4-Dinitrotoluene

Concen: 5.376 ng

RT: 15.40 min Scan# 2062

Delta R.T. -0.33 min

Lab File: BG032031.D

Acq: 13 Jan 2018 9:32

Instrument :

BNA_G

ClientSampleId :

CL-02-011118-C

Tgt Ion:165 Resp: 21601

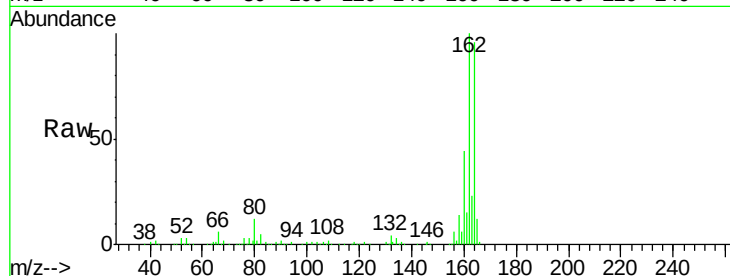
Ion Ratio Lower Upper

165 100

63 1.2 42.0 63.0#

89 1.3 66.9 100.3#

182 0.0 2.6 3.8#

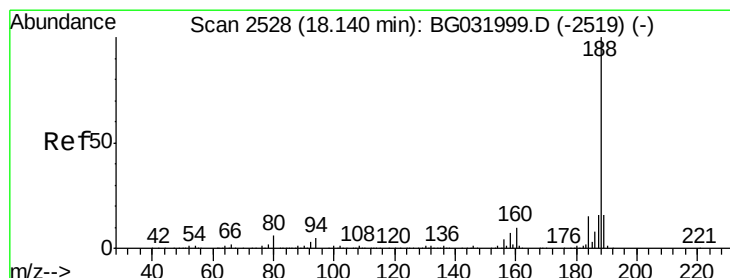
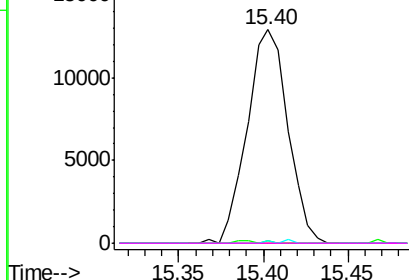
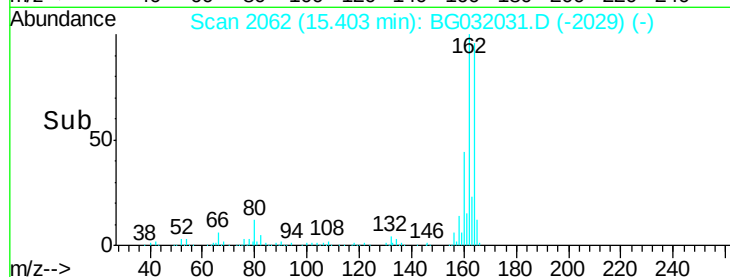


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.14 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BG032031.D

Acq: 13 Jan 2018 9:32

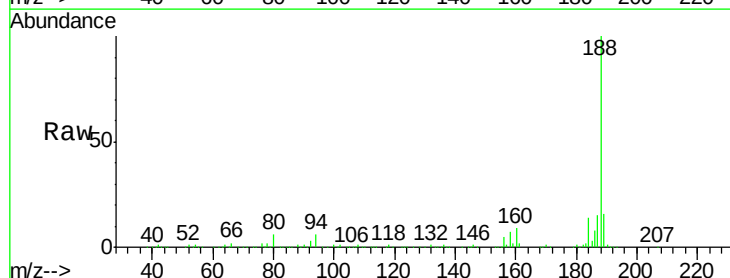
Tgt Ion:188 Resp: 409923

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

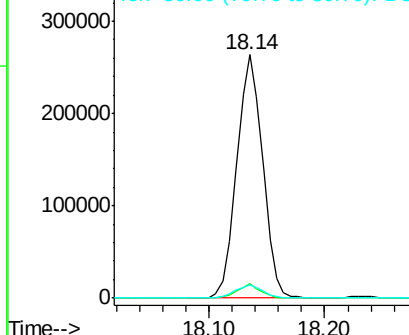
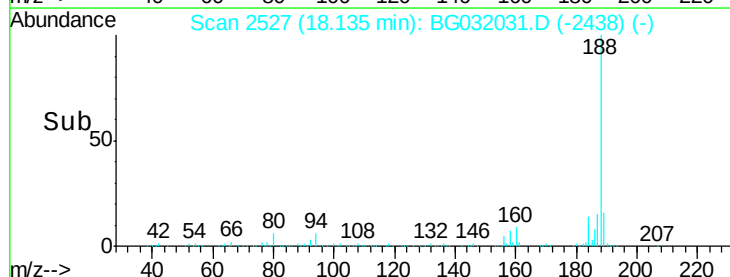
80 5.6 7.7 11.5#

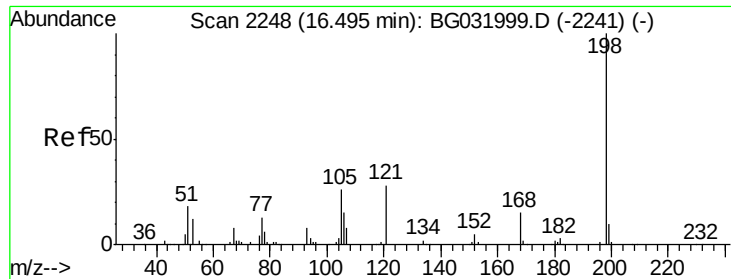


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

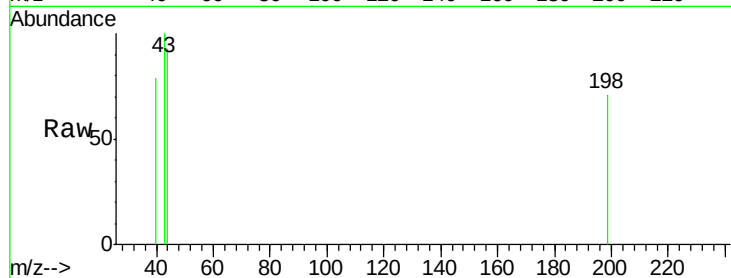




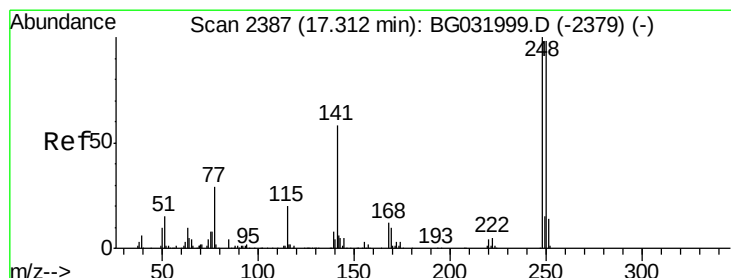
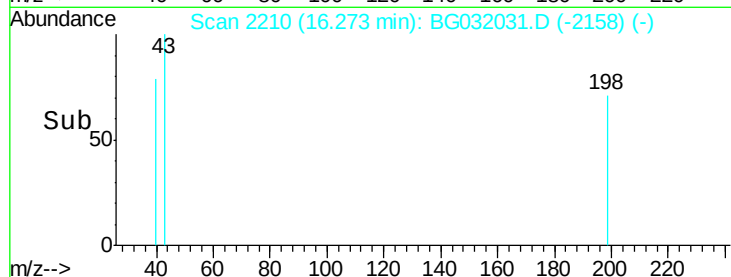
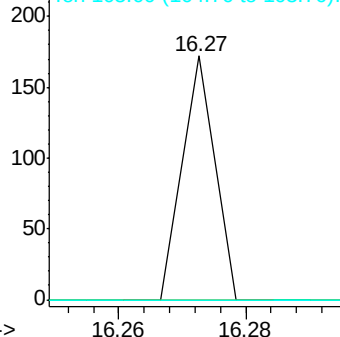
#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.905 ng
 RT: 16.27 min Scan# 2210
 Delta R.T. -0.22 min
 Lab File: BG032031.D
 Acq: 13 Jan 2018 9:32

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

Tgt Ion:198 Resp: 61
 Ion Ratio Lower Upper
 198 100
 51 0.0 30.6 70.6#
 105 0.0 23.8 63.8#

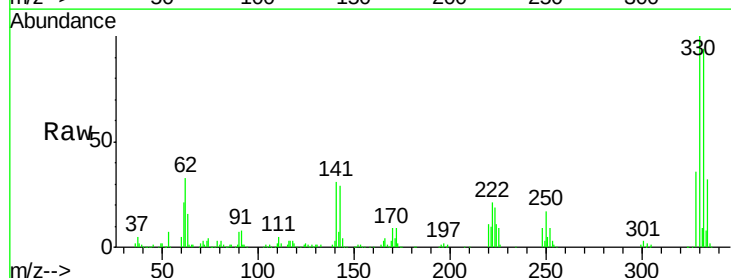


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

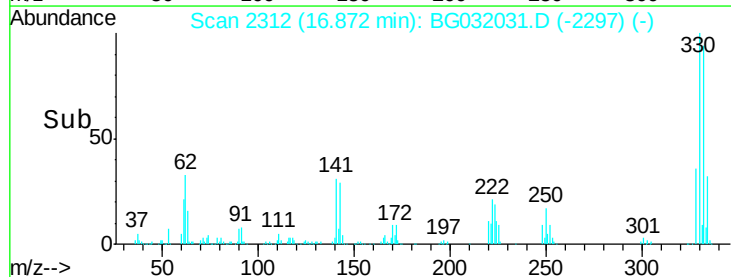
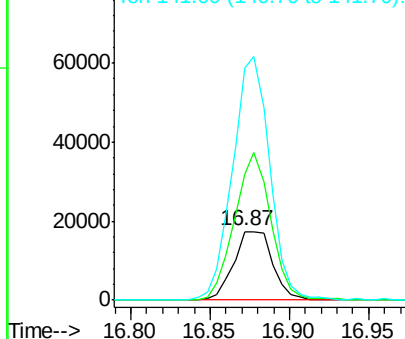


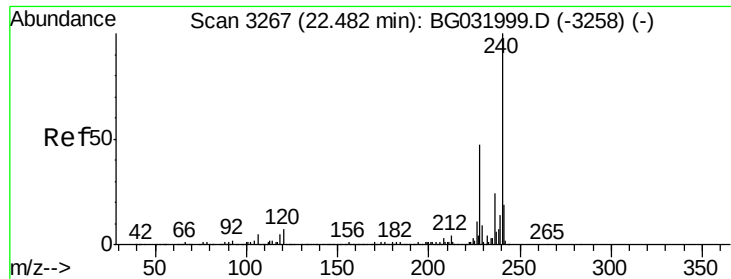
#66
 4-Bromophenyl-phenylether
 Concen: 5.086 ng
 RT: 16.87 min Scan# 2312
 Delta R.T. -0.44 min
 Lab File: BG032031.D
 Acq: 13 Jan 2018 9:32

Tgt Ion:248 Resp: 29661
 Ion Ratio Lower Upper
 248 100
 250 182.7 77.1 115.7#
 141 338.4 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: BG032031.D

Acq: 13 Jan 2018 9:32

Instrument :

BNA_G

ClientSampleId :

CL-02-011118-C

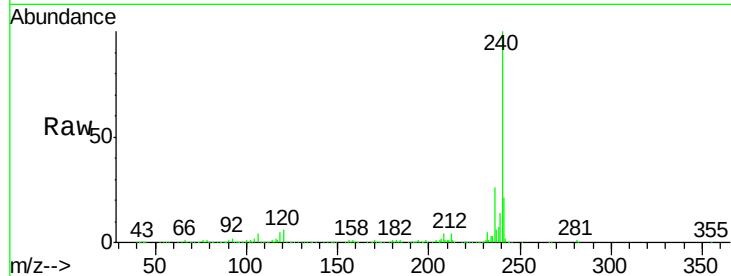
Tgt Ion:240 Resp: 461565

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

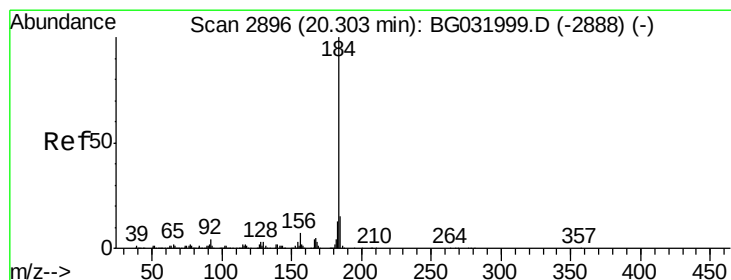
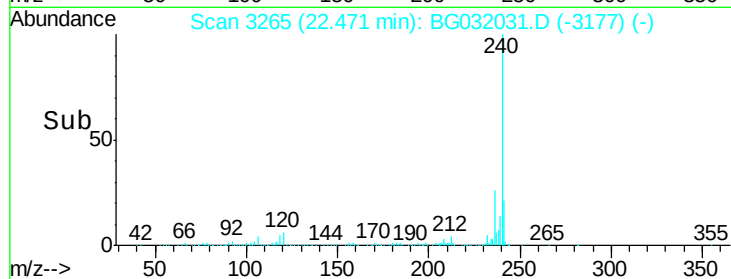
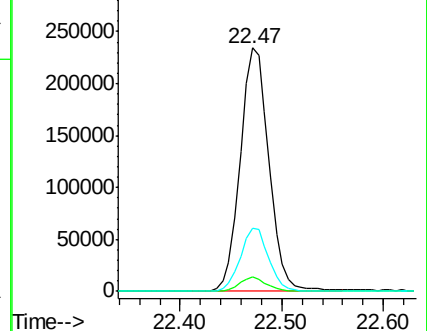
236 26.1 20.9 31.3



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: 2.393 ng

RT: 20.67 min Scan# 2959

Delta R.T. 0.37 min

Lab File: BG032031.D

Acq: 13 Jan 2018 9:32

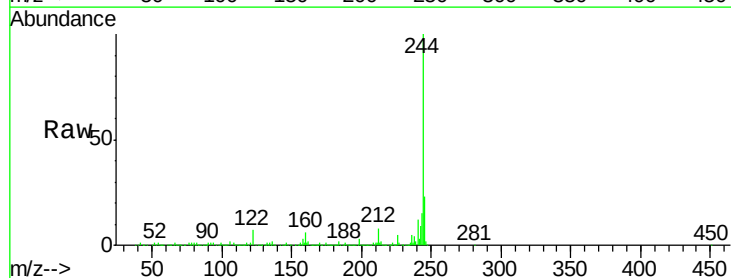
Tgt Ion:184 Resp: 27622

Ion Ratio Lower Upper

184 100

185 15.2 11.1 16.7

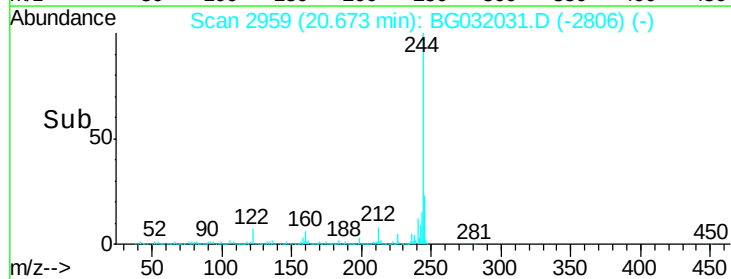
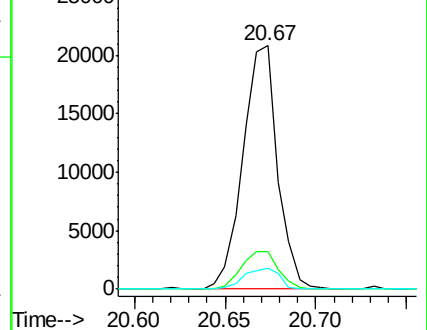
183 8.5 10.6 16.0#

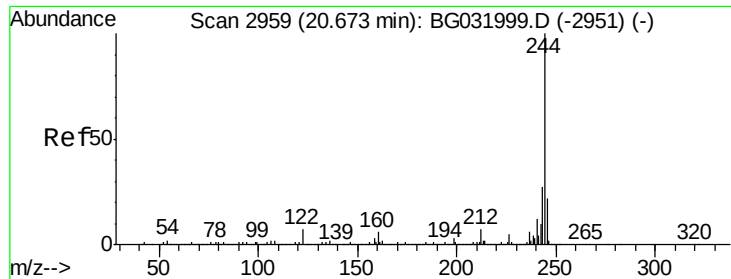


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 97.404 ng

RT: 20.67 min Scan# 2958

Delta R.T. -0.01 min

Lab File: BG032031.D

Acq: 13 Jan 2018 9:32

Instrument :

BNA_G

ClientSampleId :

CL-02-011118-C

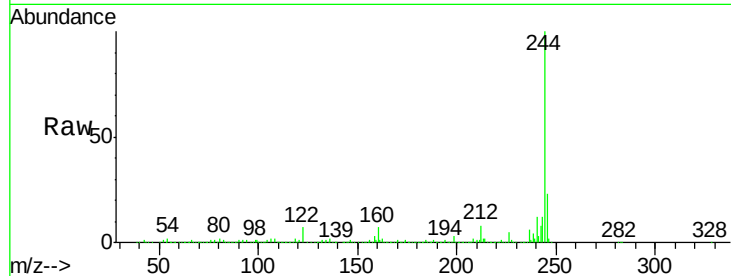
Tgt Ion:244 Resp: 2036103

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

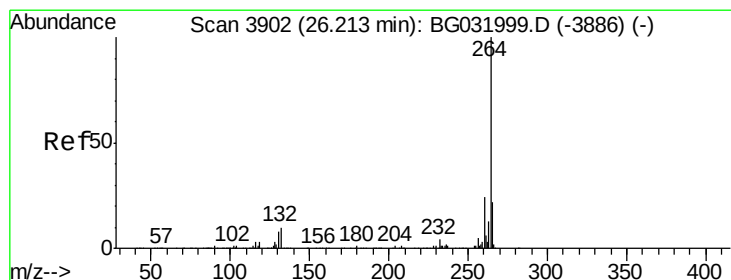
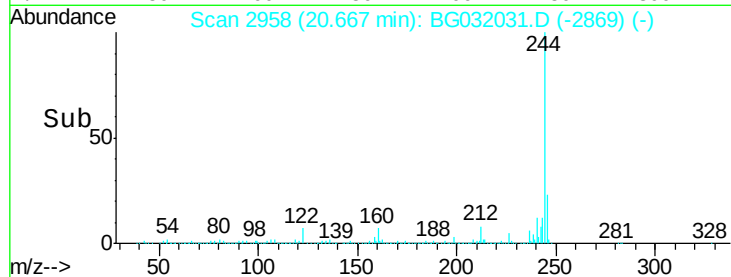
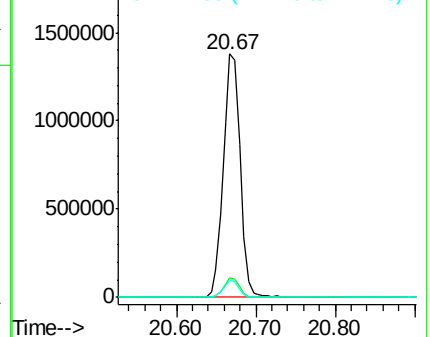
122 7.1 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.20 min Scan# 3899

Delta R.T. -0.02 min

Lab File: BG032031.D

Acq: 13 Jan 2018 9:32

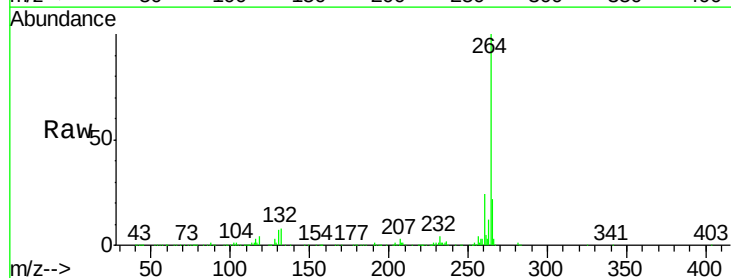
Tgt Ion:264 Resp: 482862

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 21.8 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

