

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG012418\
 Data File : BG032258.D
 Acq On : 24 Jan 2018 13:24
 Operator : SJ/JU
 Sample : j1266-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-199

Quant Time: Jan 24 14:02:18 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 13:56:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	39769	20.00	ng	0.00
21) Naphthalene-d8	11.61	136	154155	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	107676	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	301948	20.00	ng	0.00
75) Chrysene-d12	22.42	240	414706	20.00	ng	0.00
86) Perylene-d12	26.10	264	435391	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.16	112	283509	130.38	ng	0.00
7) Phenol-d6	7.84	99	347169	126.77	ng	0.00
23) Nitrobenzene-d5	9.92	82	215260	94.47	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	255220	143.24	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	645864	74.37	ng	0.00
78) Terphenyl-d14	20.63	244	1382600	73.61	ng	0.00

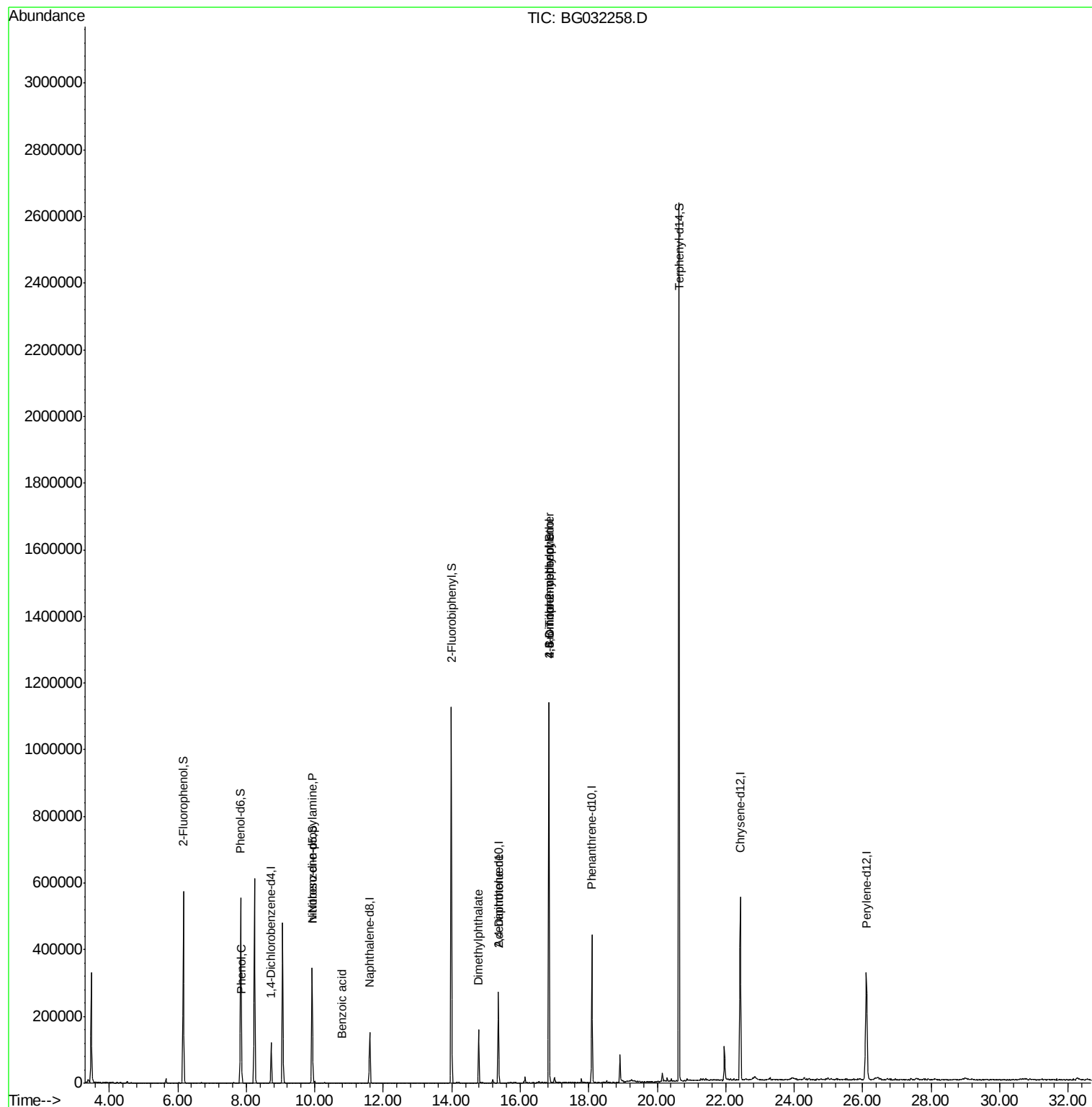
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.86	94	10623	3.938	ng	# 72
19) n-Nitroso-di-n-propylamine	9.93	70	30989	18.238	ng	# 71
32) Benzoic acid	10.80	122	59	5.287	ng	# 1
49) Dimethylphthalate	14.79	163	125602	13.330	ng	99
56) 2,4-Dinitrotoluene	15.36	165	14163	5.379	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.83	198	707	5.213	ng	# 1
66) 4-Bromophenyl-phenylether	16.84	248	21297	4.957	ng	# 1

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

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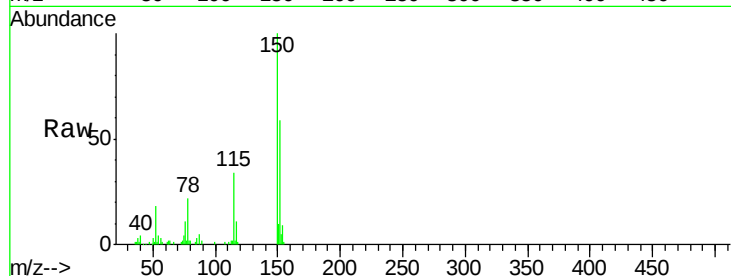


#1

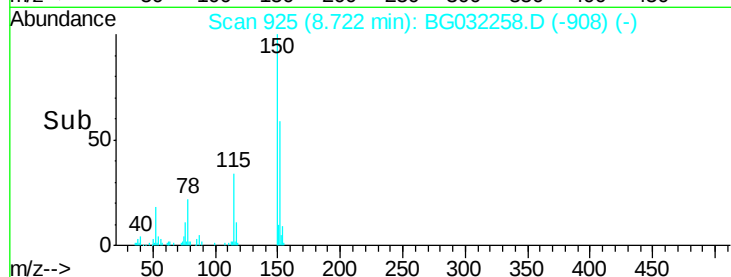
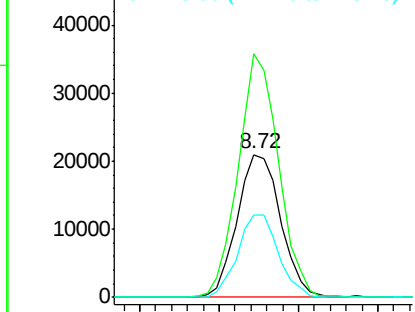
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG032258.D
Acq: 24 Jan 2018 13:24

Instrument :
BNA_G
ClientSampled :
MH-199

Tgt Ion:152 Resp: 39769
Ion Ratio Lower Upper
152 100
150 170.6 126.6 189.8
115 57.8 53.0 79.4



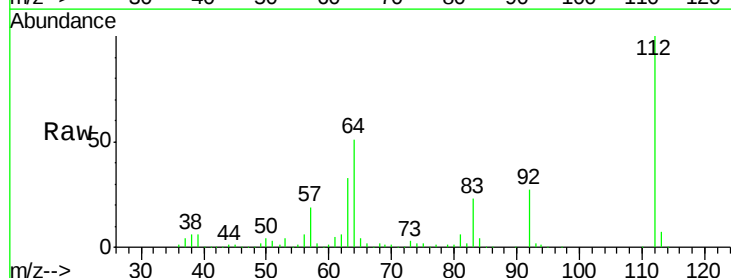
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



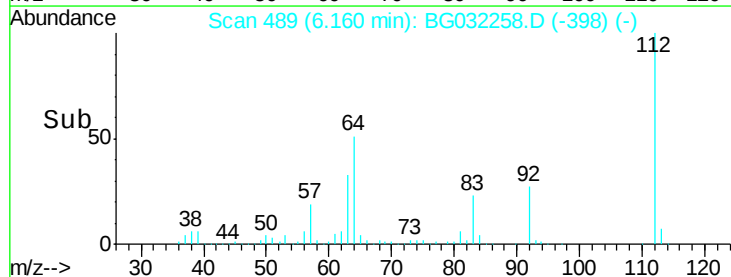
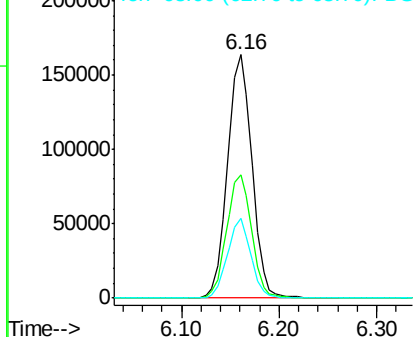
#5

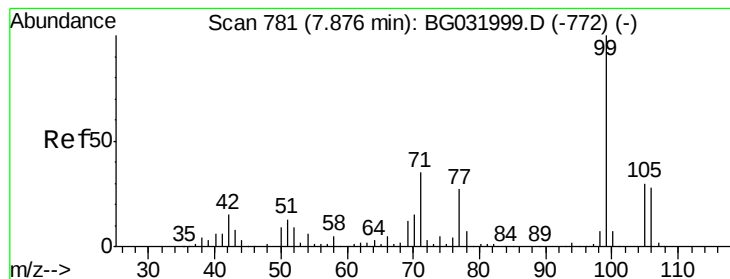
2-Fluorophenol
Concen: 130.383 ng
RT: 6.16 min Scan# 489
Delta R.T. 0.00 min
Lab File: BG032258.D
Acq: 24 Jan 2018 13:24

Tgt Ion:112 Resp: 283509
Ion Ratio Lower Upper
112 100
64 50.7 56.3 84.5#
63 32.7 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





#7

Phenol-d6

Concen: 126.770 ng

RT: 7.84 min Scan# 775

Delta R.T. 0.00 min

Lab File: BG032258.D

Acq: 24 Jan 2018 13:24

Instrument :

BNA_G

ClientSampled :

MH-199

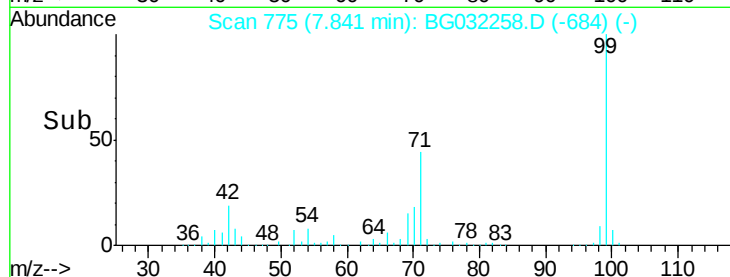
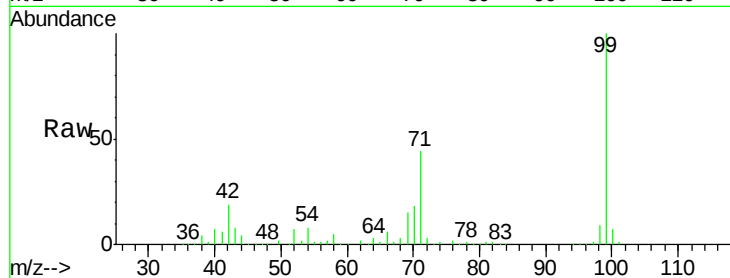
Tgt Ion: 99 Resp: 347169

Ion Ratio Lower Upper

99 100

42 19.1 14.1 21.1

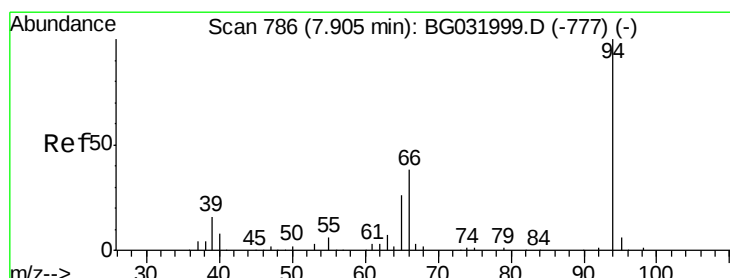
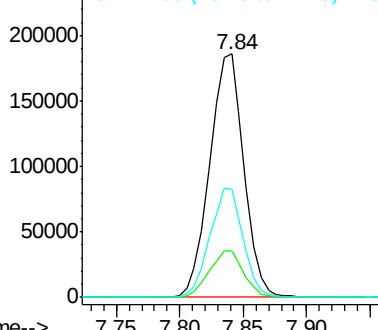
71 44.2 26.1 39.1#



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



#10

Phenol

Concen: 3.938 ng

RT: 7.86 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG032258.D

Acq: 24 Jan 2018 13:24

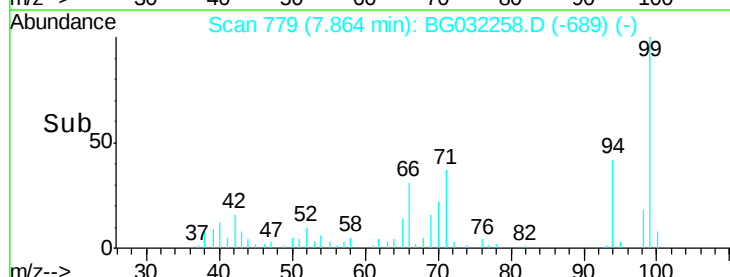
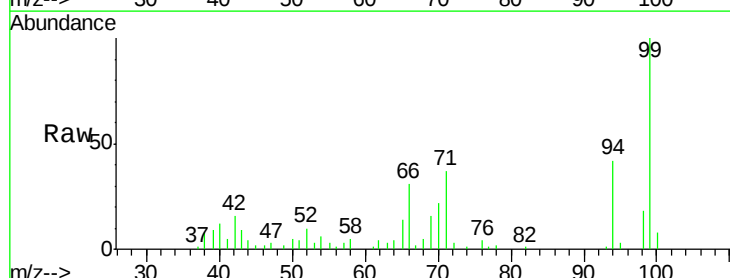
Tgt Ion: 94 Resp: 10623

Ion Ratio Lower Upper

94 100

65 33.6 11.9 51.9

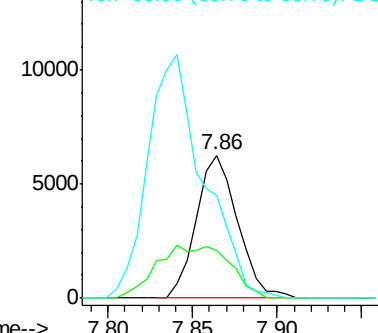
66 72.3 22.2 62.2#

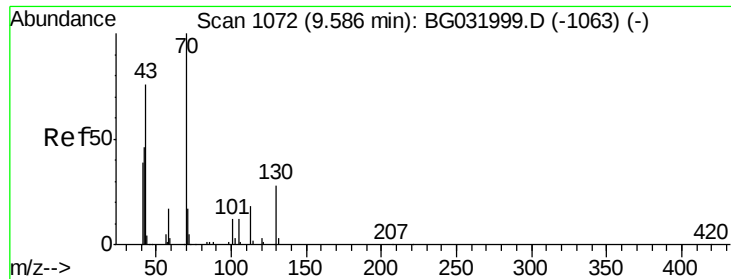


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

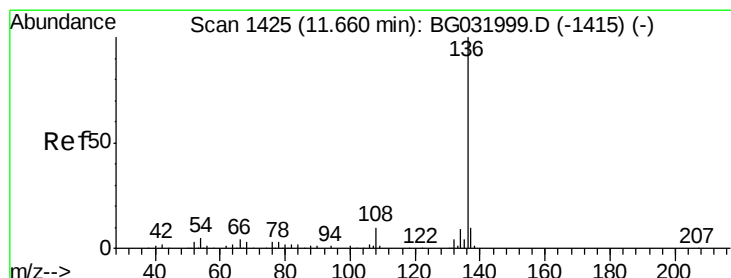
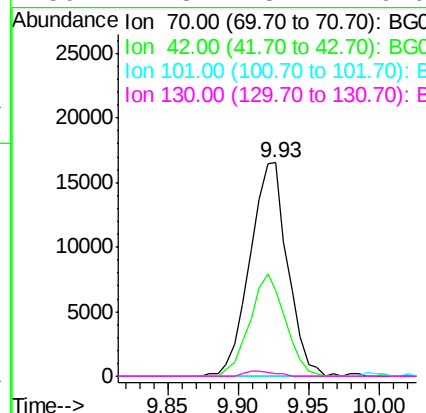
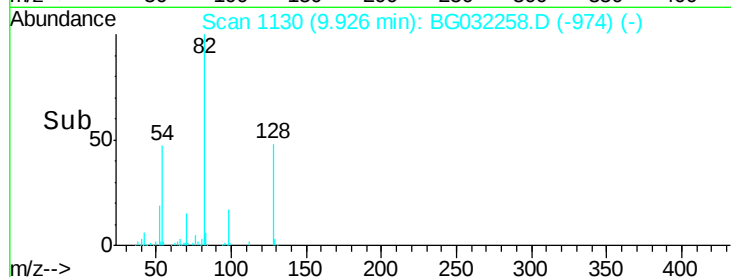
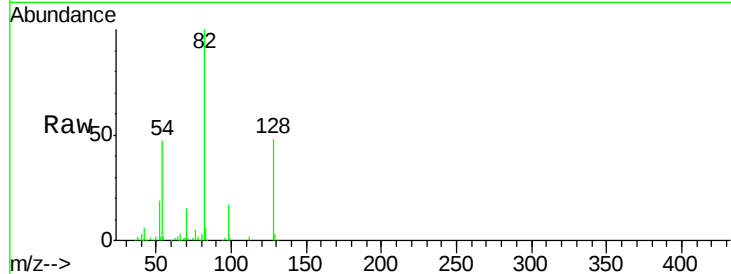




#19
n-Nitroso-di-n-propylamine
Concen: 18.238 ng
RT: 9.93 min Scan# 1130
Delta R.T. 0.39 min
Lab File: BG032258.D
Acq: 24 Jan 2018 13:24

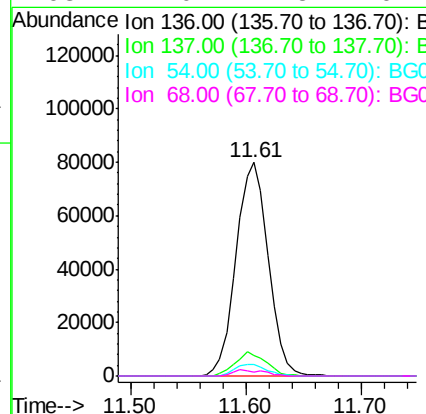
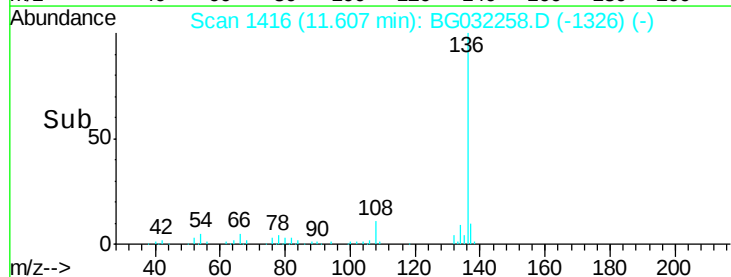
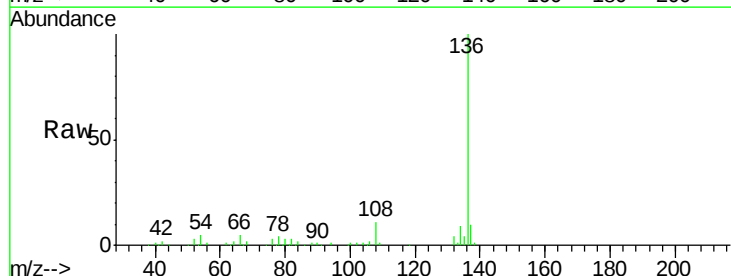
Instrument :
BNA_G
ClientSampleId :
MH-199

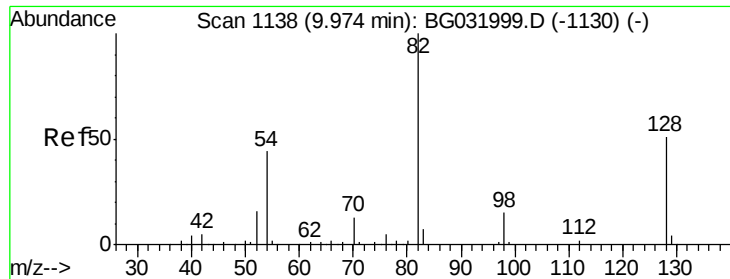
Tgt Ion: 70 Resp: 30989
Ion Ratio Lower Upper
70 100
42 40.3 49.1 73.7#
101 0.0 8.5 12.7#
130 1.3 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.61 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BG032258.D
Acq: 24 Jan 2018 13:24

Tgt Ion: 136 Resp: 154155
Ion Ratio Lower Upper
136 100
137 9.8 9.2 13.8
54 5.3 10.3 15.5#
68 2.0 4.5 6.7#

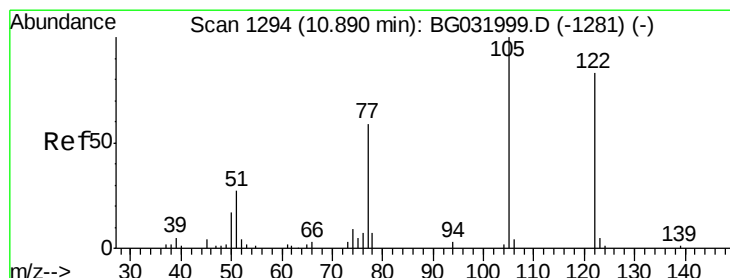
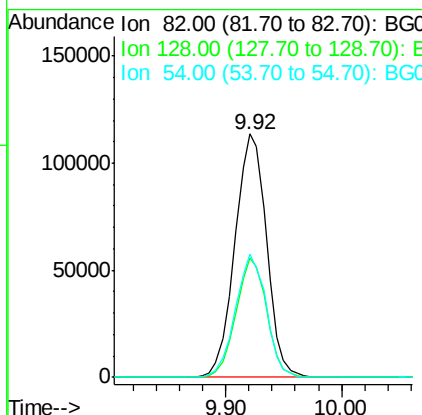
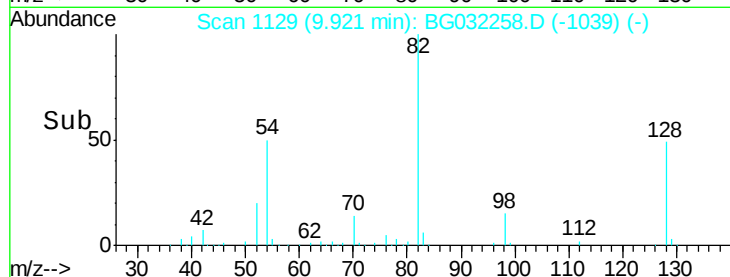
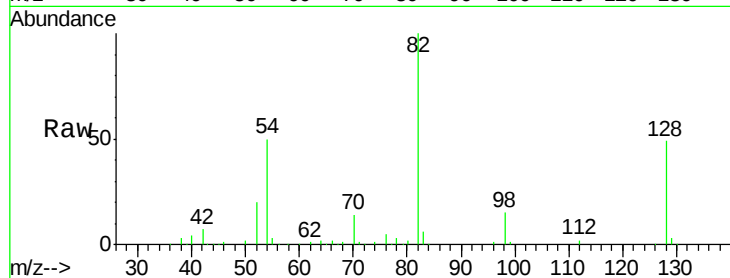




#23
Nitrobenzene-d5
Concen: 94.472 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BG032258.D
Acq: 24 Jan 2018 13:24

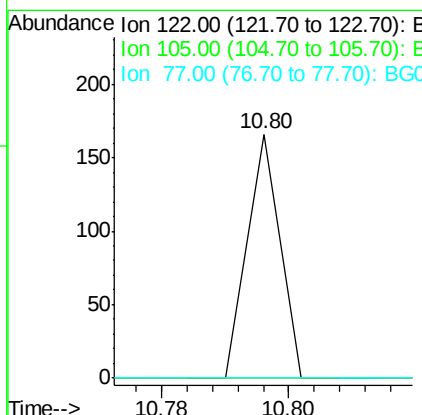
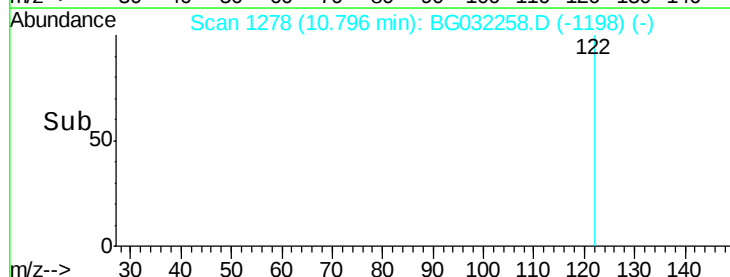
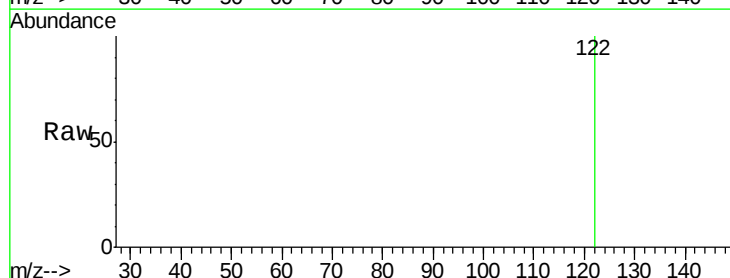
Instrument :
BNA_G
ClientSampleId :
MH-199

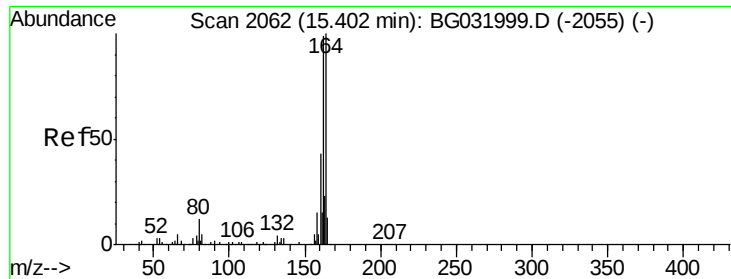
Tgt Ion: 82 Resp: 215260
Ion Ratio Lower Upper
82 100
128 48.8 29.7 44.5#
54 50.4 43.1 64.7



#32
Benzoic acid
Concen: 5.287 ng
RT: 10.80 min Scan# 1278
Delta R.T. -0.06 min
Lab File: BG032258.D
Acq: 24 Jan 2018 13:24

Tgt Ion: 122 Resp: 59
Ion Ratio Lower Upper
122 100
105 0.0 123.5 163.5#
77 0.0 85.7 125.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG032258.D

Acq: 24 Jan 2018 13:24

Instrument :

BNA_G

ClientSampleId :

MH-199

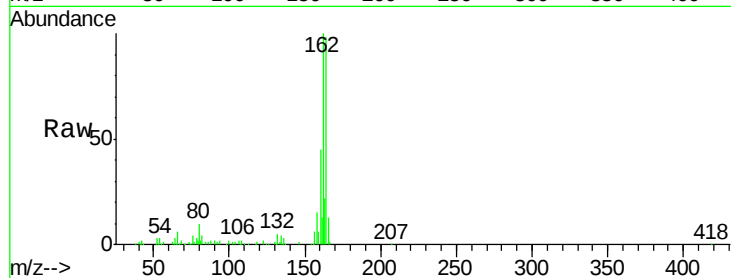
Tgt Ion:164 Resp: 107676

Ion Ratio Lower Upper

164 100

162 102.0 78.8 118.2

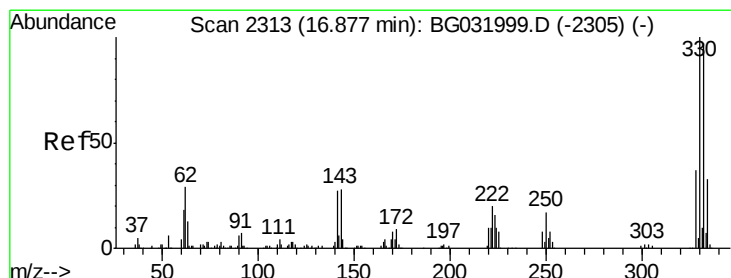
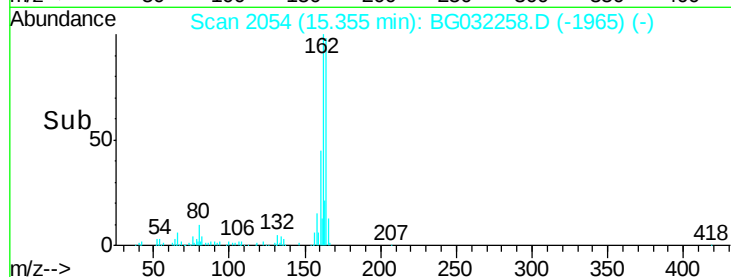
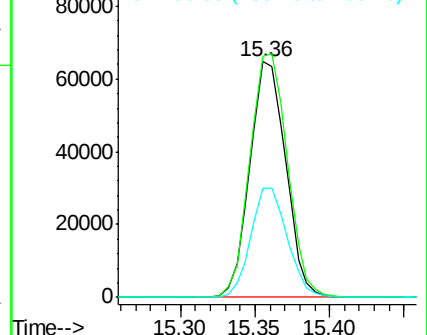
160 46.2 35.4 53.0



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: 143.238 ng

RT: 16.84 min Scan# 2306

Delta R.T. -0.00 min

Lab File: BG032258.D

Acq: 24 Jan 2018 13:24

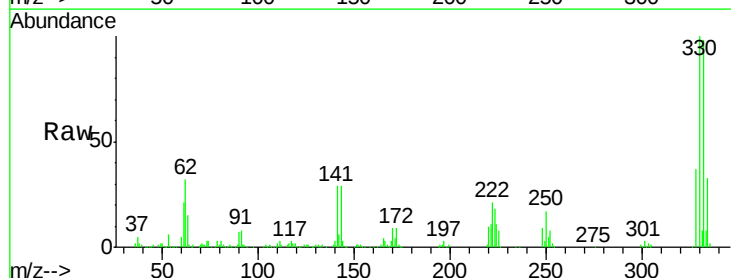
Tgt Ion:330 Resp: 255220

Ion Ratio Lower Upper

330 100

332 97.7 77.0 115.6

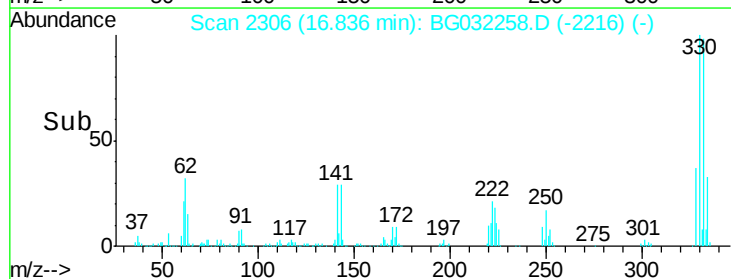
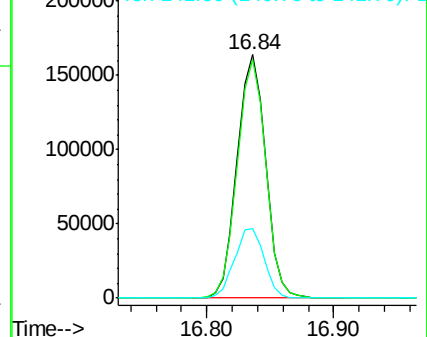
141 29.7 25.2 37.8

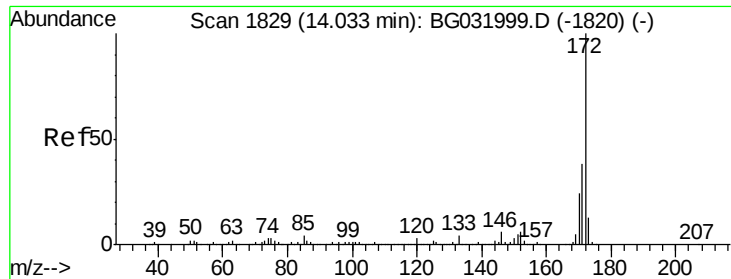


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

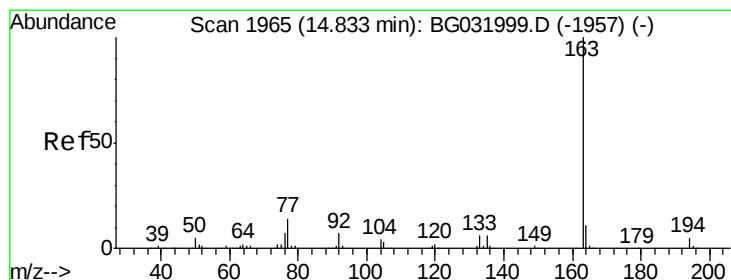
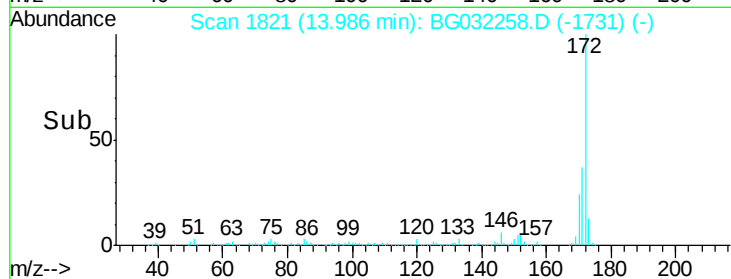
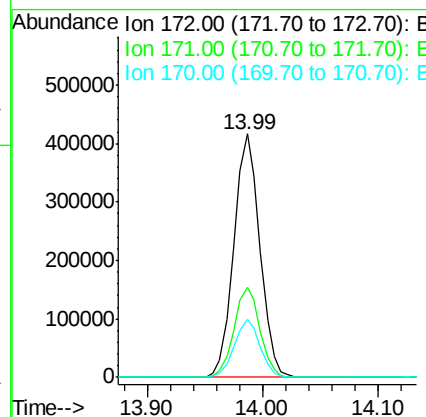
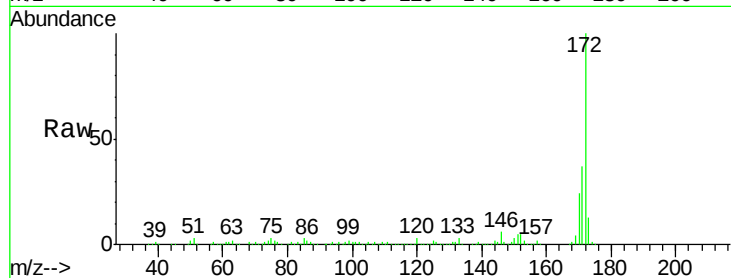




#44
2-Fluorobiphenyl
Concen: 74.375 ng
RT: 13.99 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BG032258.D
Acq: 24 Jan 2018 13:24

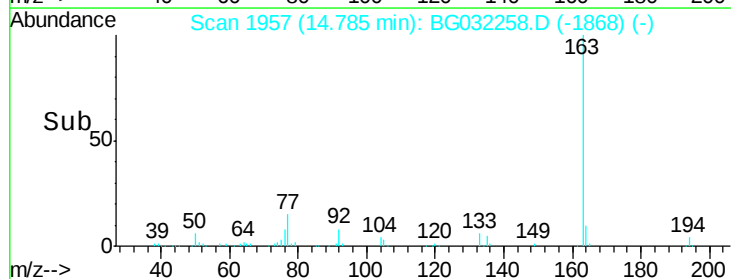
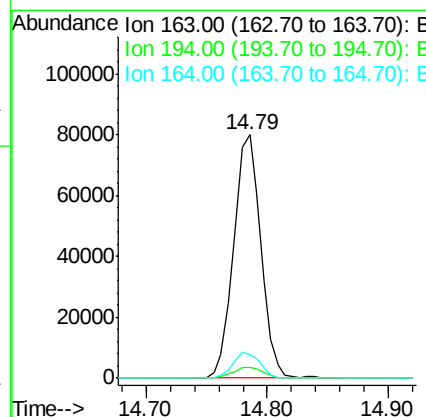
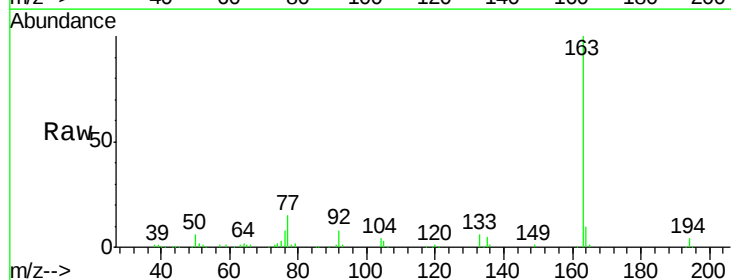
Instrument :
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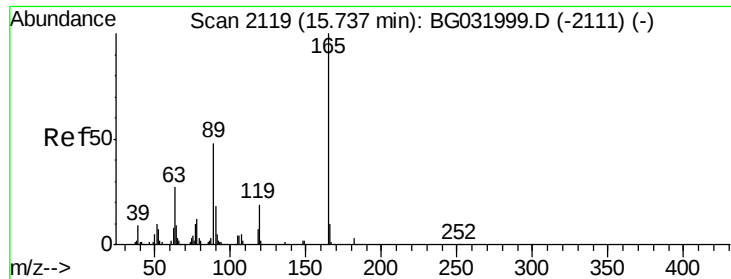
Tgt Ion:172 Resp: 645864
Ion Ratio Lower Upper
172 100
171 36.8 30.0 45.0
170 23.7 19.5 29.3



#49
Dimethylphthalate
Concen: 13.330 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG032258.D
Acq: 24 Jan 2018 13:24

Tgt Ion:163 Resp: 125602
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 9.6 8.2 12.4

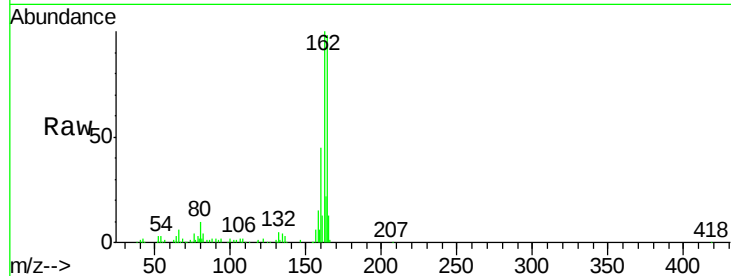




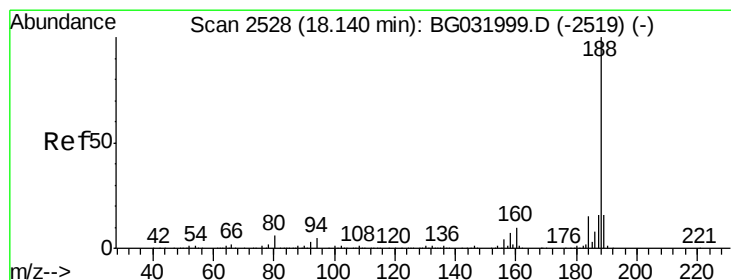
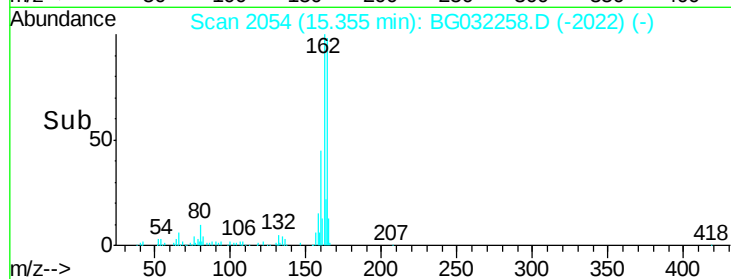
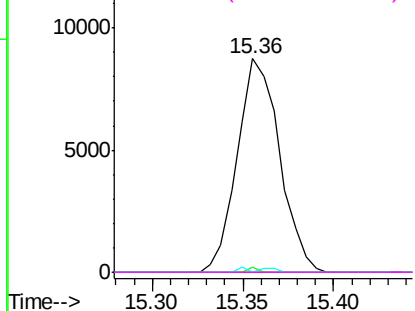
#56
 2,4-Dinitrotoluene
 Concen: 5.379 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.34 min
 Lab File: BG032258.D
 Acq: 24 Jan 2018 13:24

Instrument :
 BNA_G
 ClientSampleId :
 MH-199

Tgt Ion:165 Resp: 14163
 Ion Ratio Lower Upper
 165 100
 63 2.4 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#

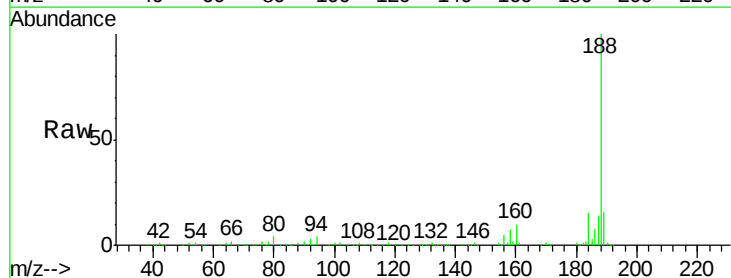


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

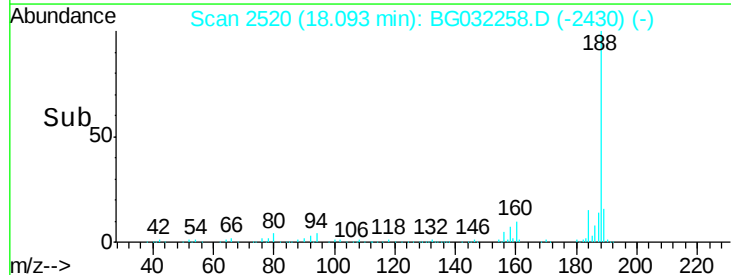
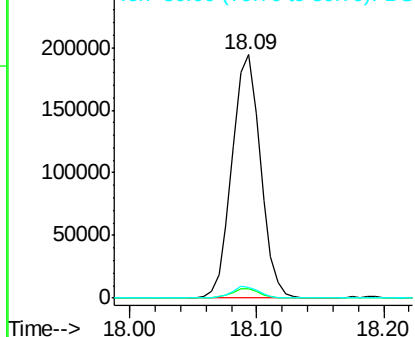


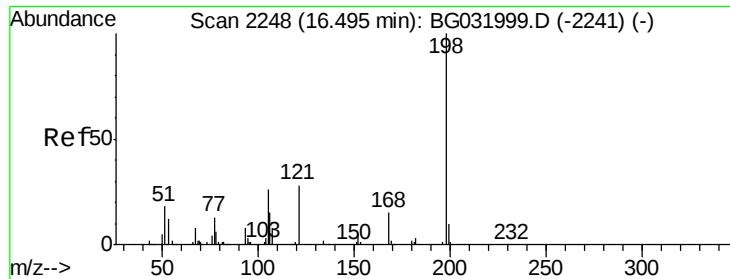
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.09 min Scan# 2520
 Delta R.T. -0.00 min
 Lab File: BG032258.D
 Acq: 24 Jan 2018 13:24

Tgt Ion:188 Resp: 301948
 Ion Ratio Lower Upper
 188 100
 94 3.8 6.9 10.3#
 80 4.4 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

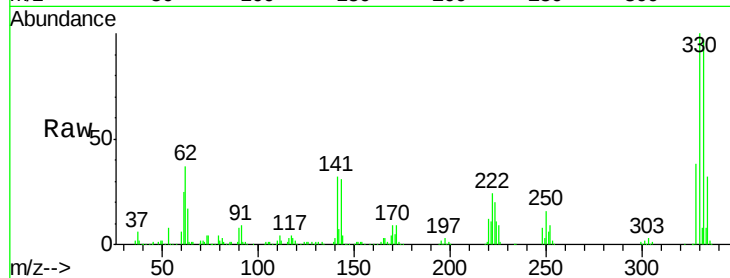




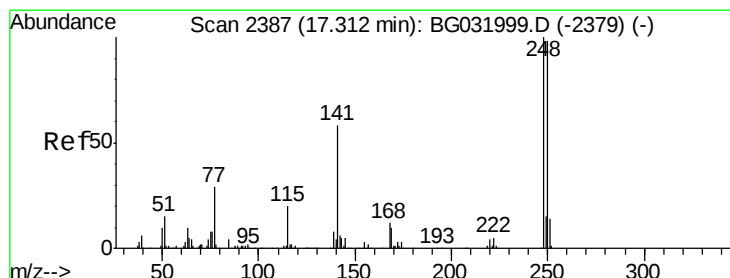
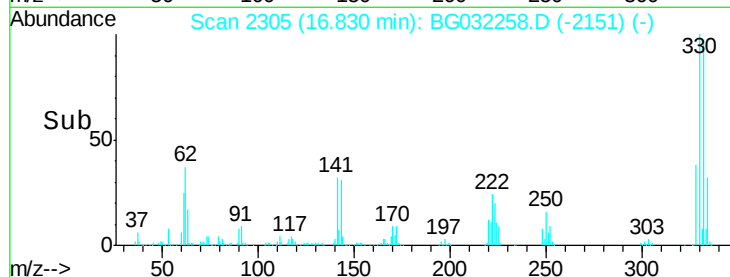
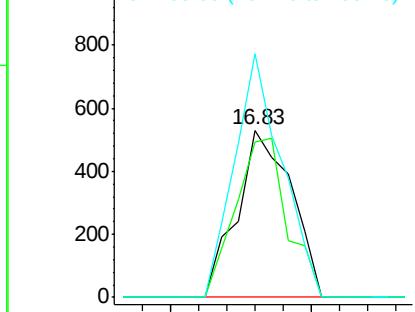
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.213 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. 0.37 min
 Lab File: BG032258.D
 Acq: 24 Jan 2018 13:24

Instrument :
 BNA_G
 ClientSampleId :
 MH-199

Tgt Ion:198 Resp: 707
 Ion Ratio Lower Upper
 198 100
 51 93.2 30.6 70.6#
 105 145.7 23.8 63.8#

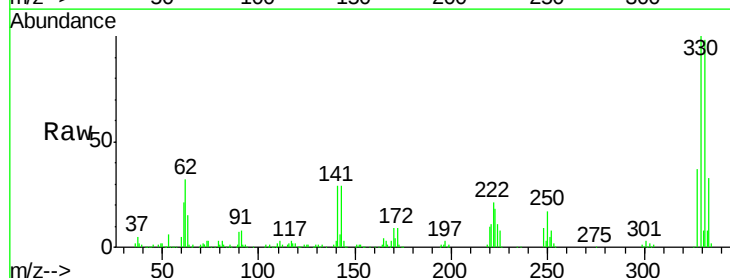


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

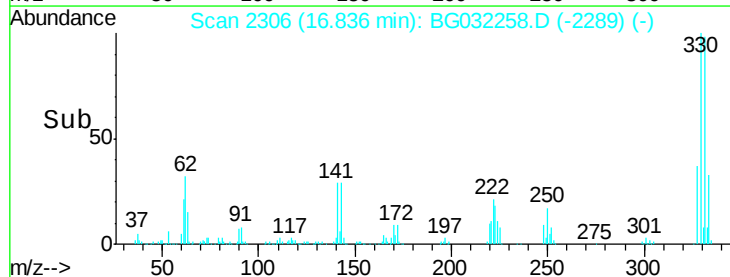
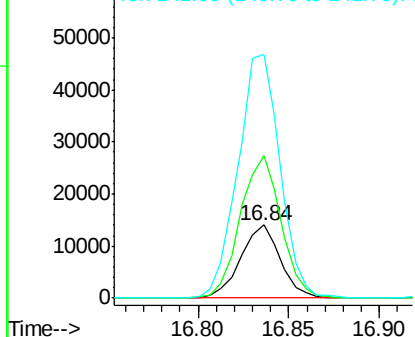


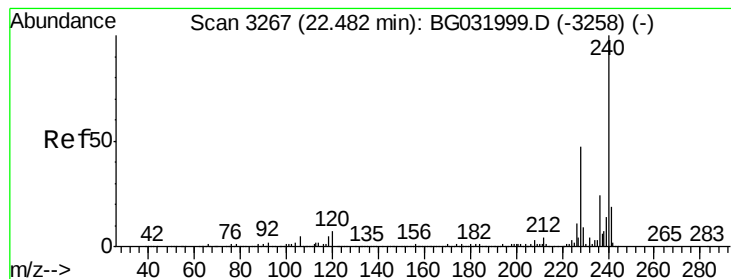
#66
 4-Bromophenyl-phenylether
 Concen: 4.957 ng
 RT: 16.84 min Scan# 2306
 Delta R.T. -0.43 min
 Lab File: BG032258.D
 Acq: 24 Jan 2018 13:24

Tgt Ion:248 Resp: 21297
 Ion Ratio Lower Upper
 248 100
 250 194.7 77.1 115.7#
 141 333.2 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: 22.42 min Scan# 3257

Delta R.T. -0.00 min

Lab File: BG032258.D

Acq: 24 Jan 2018 13:24

Instrument :

BNA_G

ClientSampleId :

MH-199

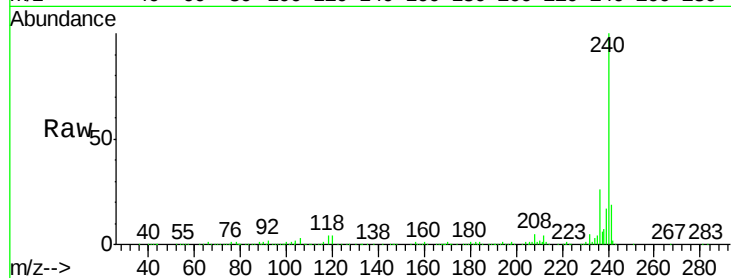
Tgt Ion:240 Resp: 414706

Ion Ratio Lower Upper

240 100

120 4.2 6.8 10.2#

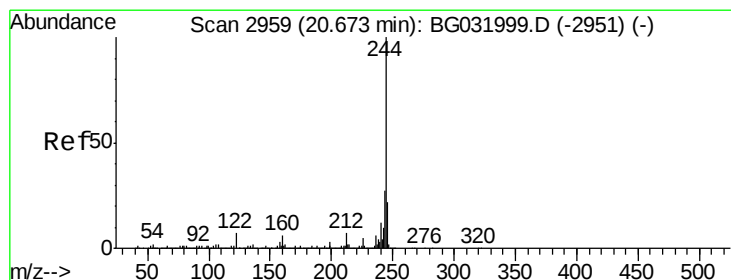
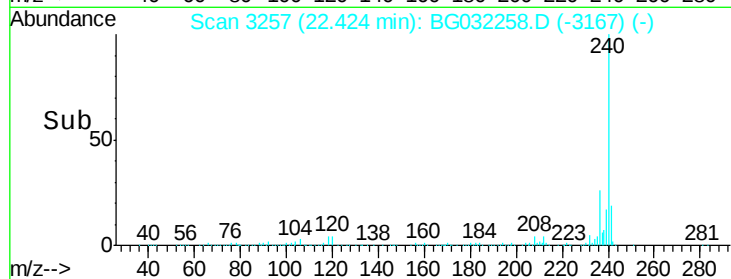
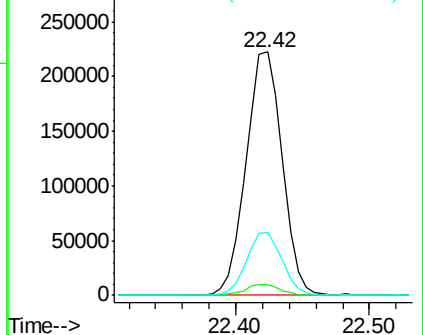
236 25.7 20.9 31.3



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: 73.615 ng

RT: 20.63 min Scan# 2952

Delta R.T. -0.00 min

Lab File: BG032258.D

Acq: 24 Jan 2018 13:24

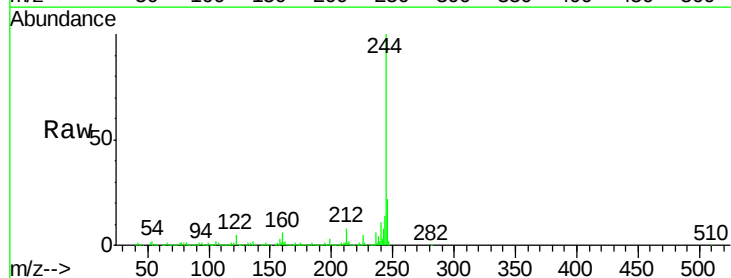
Tgt Ion:244 Resp: 1382600

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

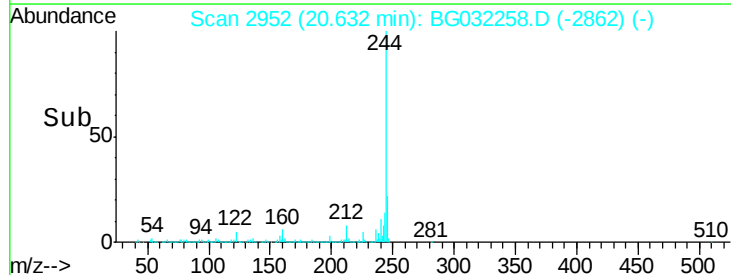
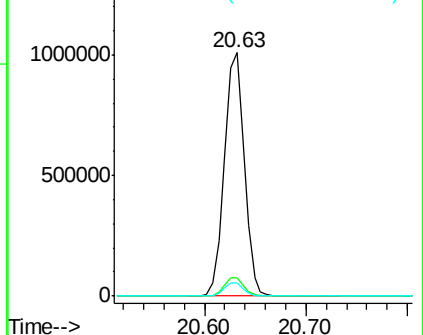
122 5.3 7.0 10.4#

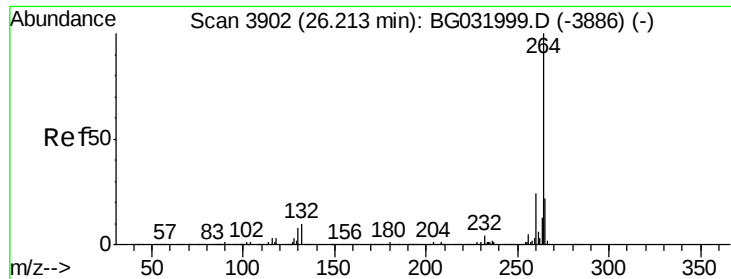


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.10 min Scan# 3883
Delta R.T. -0.01 min
Lab File: BG032258.D
Acq: 24 Jan 2018 13:24

Instrument :
BNA_G
ClientSampleId :
MH-199

Tgt Ion: 264 Resp: 435391
Ion Ratio Lower Upper
264 100
260 24.7 17.4 26.0
265 20.4 17.7 26.5

