

Data Path : U:\HPCHEM1\BNA G\DATA\BG012418\
 Data File : BG032273.D
 Acq On : 24 Jan 2018 22:48
 Operator : SJ/JU
 Sample : PB105928BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 25 04:15:31 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 14:02:41 2018
 Response via : Initial Calibration

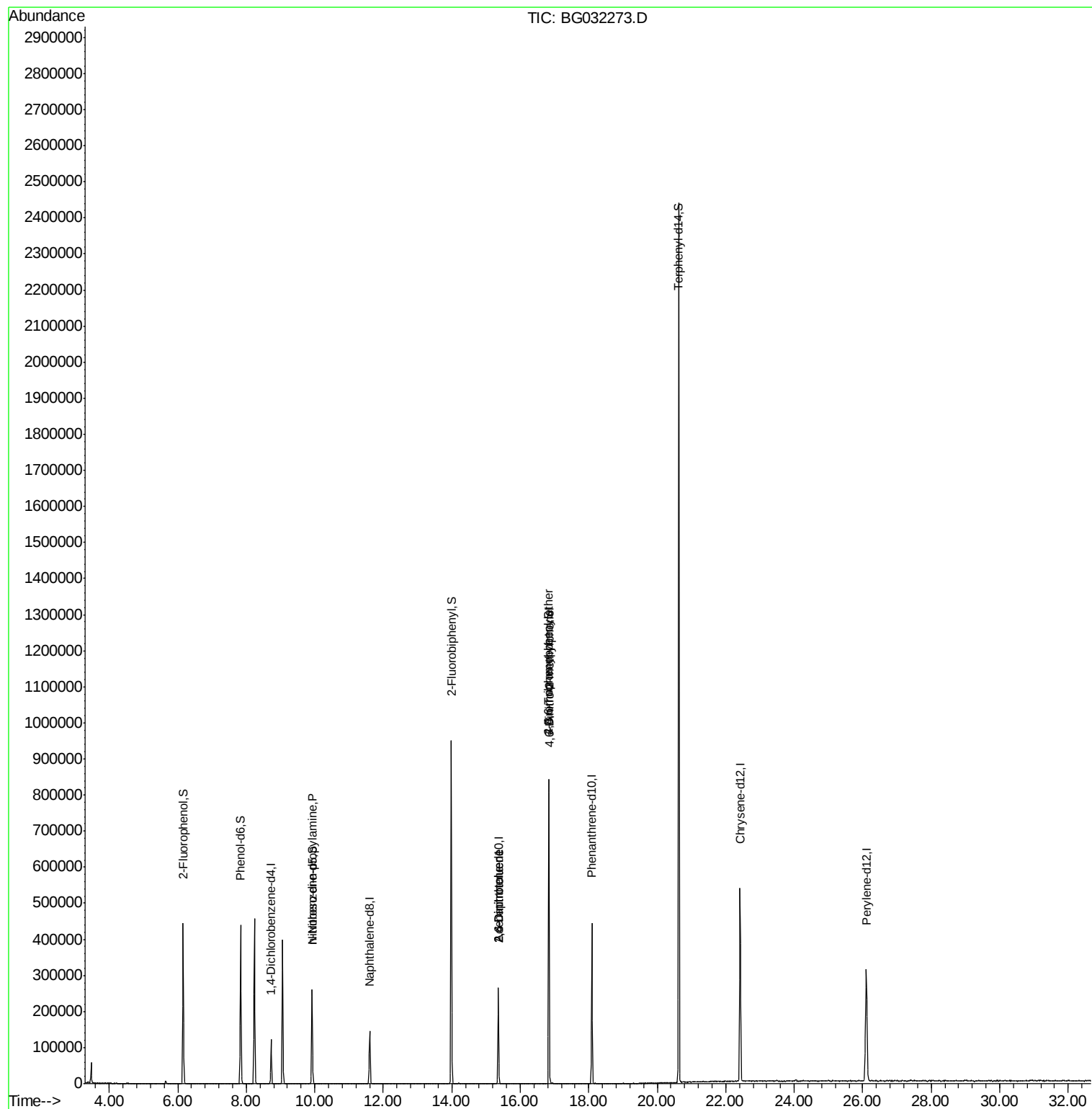
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	37474	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	148747	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	105751	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	303998	20.00	ng	0.00
75) Chrysene-d12	22.42	240	407667	20.00	ng	0.00
86) Perylene-d12	26.10	264	424655	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	217282	106.05	ng	0.00
7) Phenol-d6	7.84	99	265766	102.99	ng	0.00
23) Nitrobenzene-d5	9.92	82	163735	74.47	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	196595	112.34	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	573752	67.27	ng	0.00
78) Terphenyl-d14	20.63	244	1314013	71.17	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.92	70	22783	14.230	ng	# 76
50) 2,6-Dinitrotoluene	15.36	165	13571	7.065	ng	# 18
56) 2,4-Dinitrotoluene	15.36	165	13571	5.248	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.84	198	690	5.203	ng	# 59
66) 4-Bromophenyl-phenylether	16.84	248	16923	3.913	ng	# 1

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

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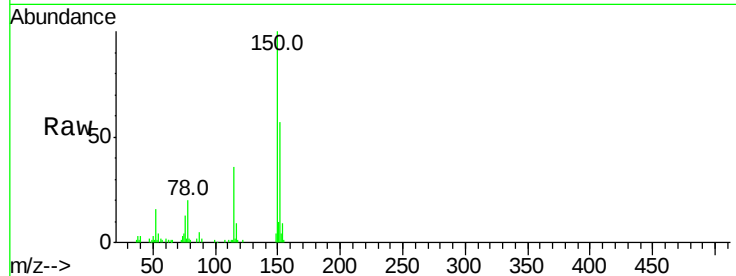


#1

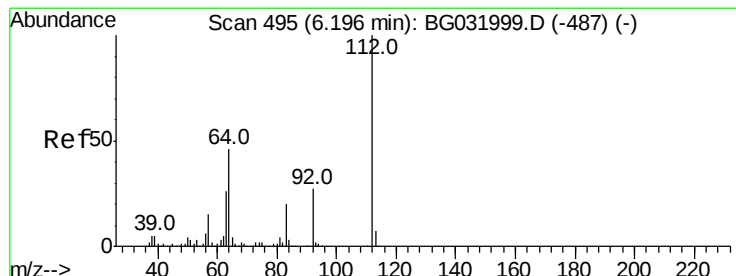
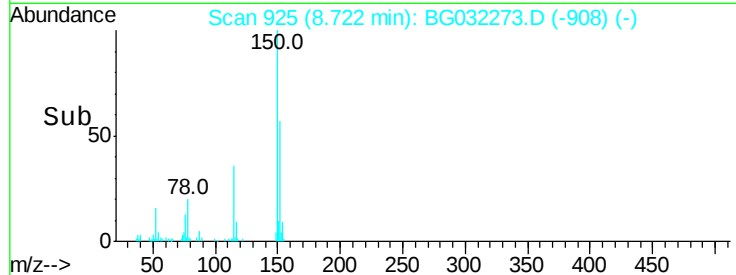
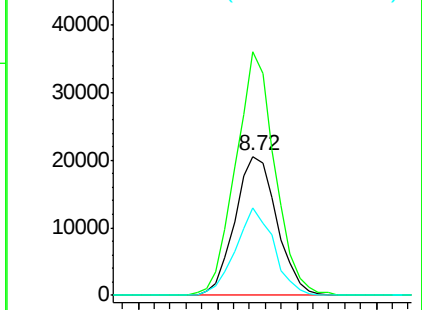
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG032273.D
Acq: 24 Jan 2018 22:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 37474
Ion Ratio Lower Upper
152 100
150 175.5 126.6 189.8
115 63.0 53.0 79.4



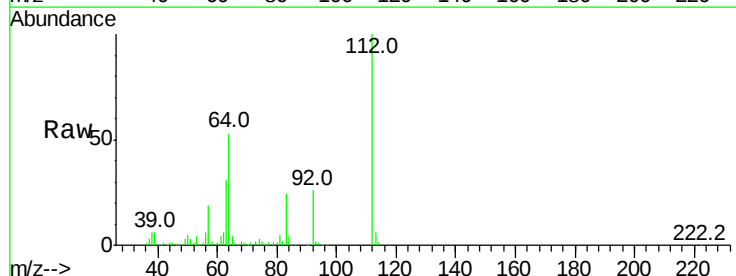
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



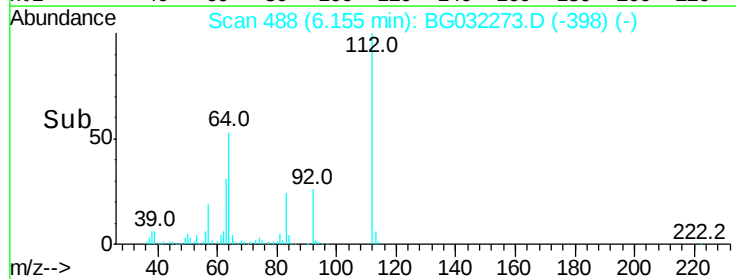
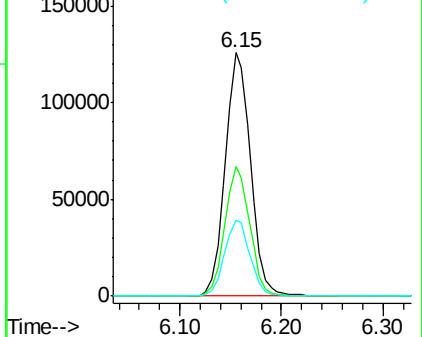
#5

2-Fluorophenol
Concen: 106.045 ng
RT: 6.15 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG032273.D
Acq: 24 Jan 2018 22:48

Tgt Ion:112 Resp: 217282
Ion Ratio Lower Upper
112 100
64 53.3 56.3 84.5#
63 31.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 102.989 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032273.D

Acq: 24 Jan 2018 22:48

Instrument :

BNA_G

ClientSampleId :

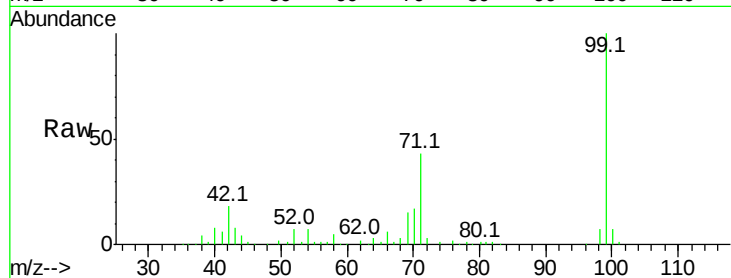
Tot Ion: 99 Resp: 265766

Ion Ratio Lower Upper

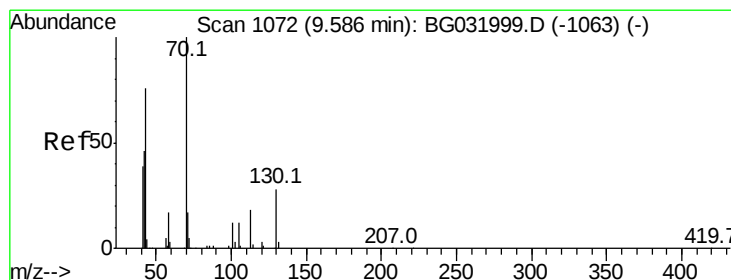
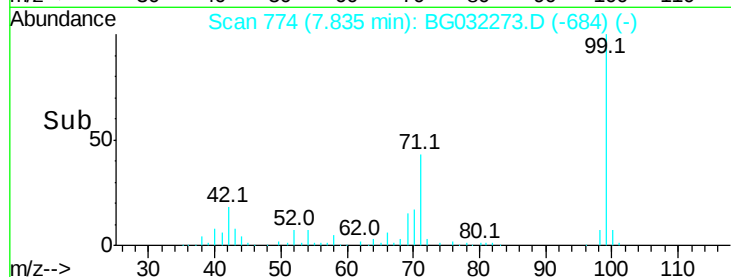
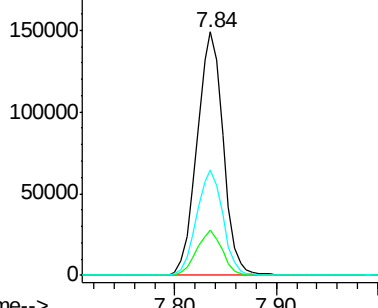
99 100

42 18.5 14.1 21.1

71 43.4 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: 14.230 ng

RT: 9.92 min Scan# 1129

Delta R.T. 0.38 min

Lab File: BG032273.D

Acq: 24 Jan 2018 22:48

Tgt Ion: 70 Resp: 22783

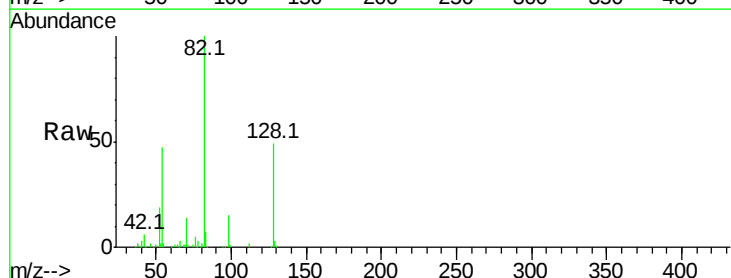
Ion Ratio Lower Upper

70 100

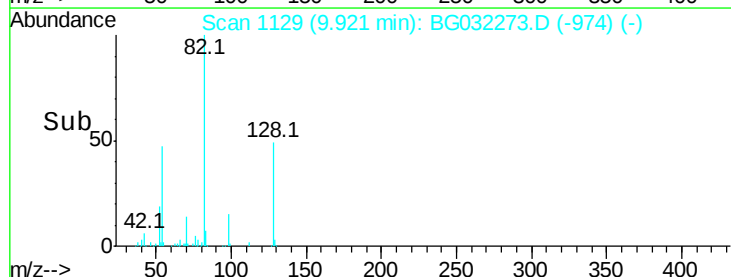
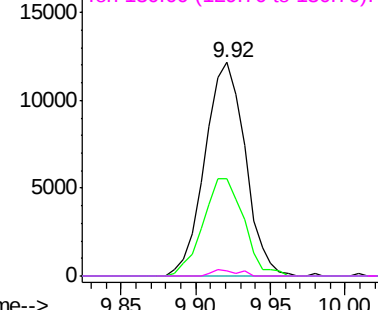
42 45.4 49.1 73.7#

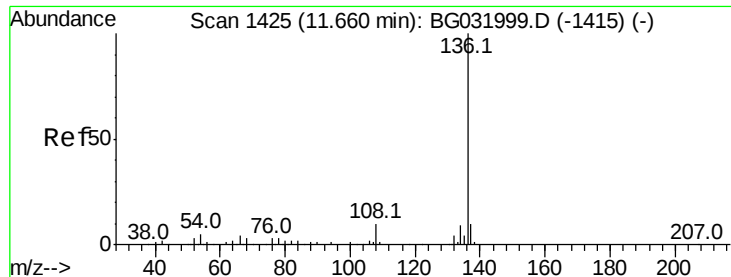
101 0.0 8.5 12.7#

130 2.6 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

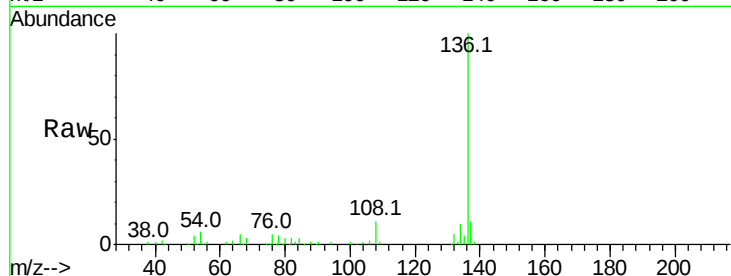




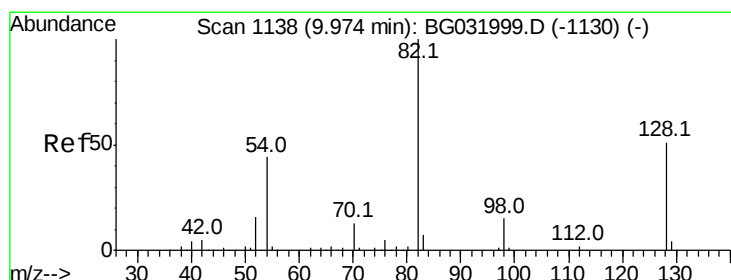
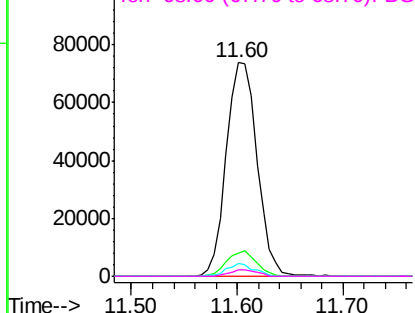
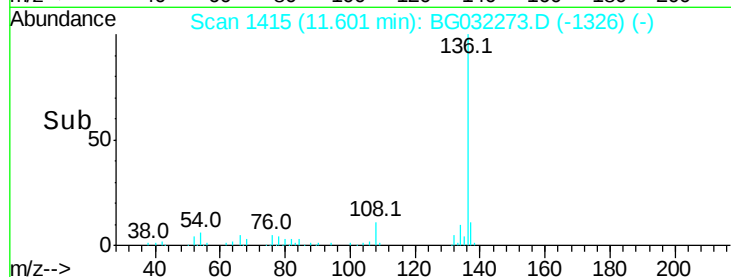
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BG032273.D
Acq: 24 Jan 2018 22:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136 Resp: 148747
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 6.2 10.3 15.5#
68 3.0 4.5 6.7#

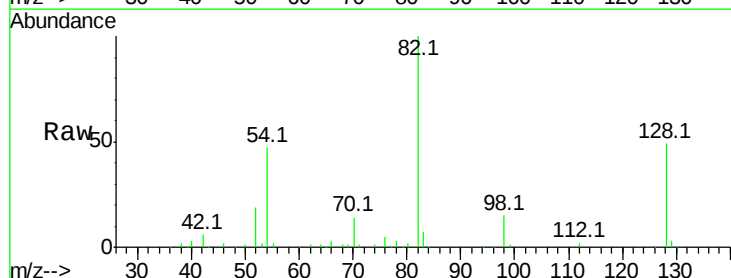


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

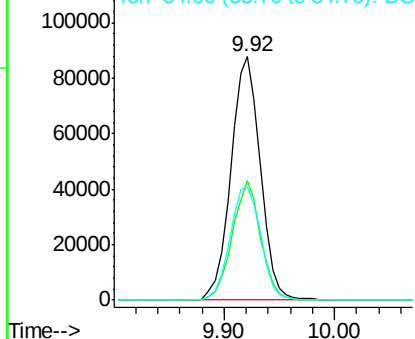
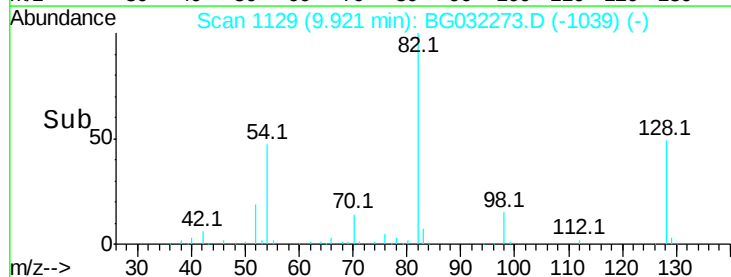


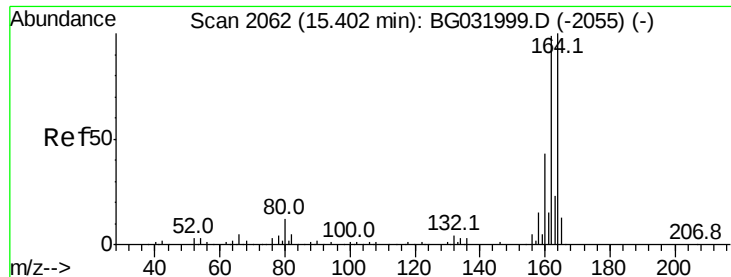
#23
Nitrobenzene-d5
Concen: 74.471 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BG032273.D
Acq: 24 Jan 2018 22:48

Tgt Ion: 82 Resp: 163735
Ion Ratio Lower Upper
82 100
128 48.9 29.7 44.5#
54 46.6 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG032273.D

Acq: 24 Jan 2018 22:48

Instrument :

BNA_G

ClientSampleId :

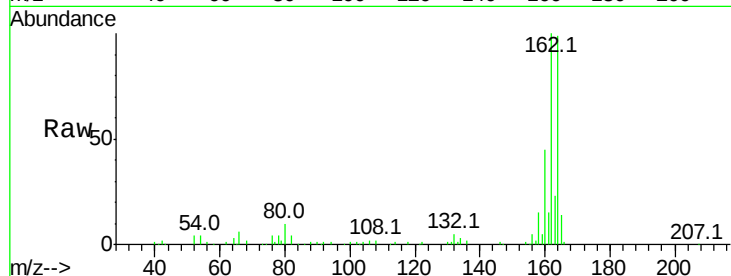
Tot Ion:164 Resp: 105751

Ion Ratio Lower Upper

164 100

162 101.2 78.8 118.2

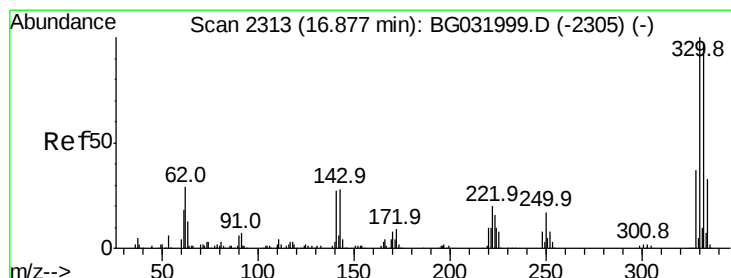
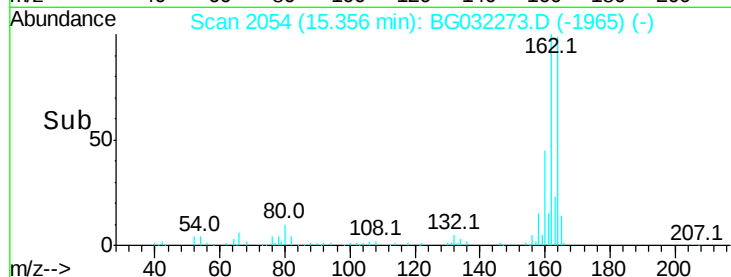
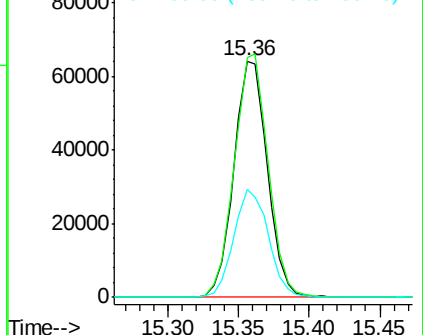
160 45.9 35.4 53.0



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: 112.344 ng

RT: 16.84 min Scan# 2306

Delta R.T. -0.00 min

Lab File: BG032273.D

Acq: 24 Jan 2018 22:48

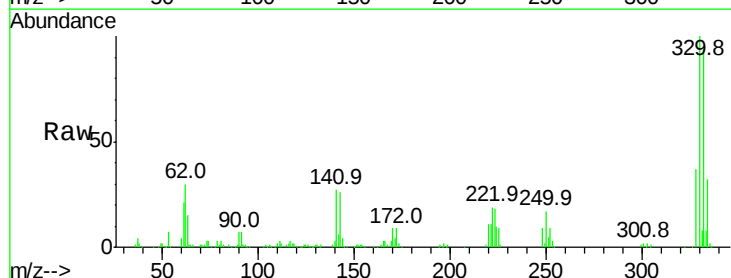
Tgt Ion:330 Resp: 196595

Ion Ratio Lower Upper

330 100

332 94.9 77.0 115.6

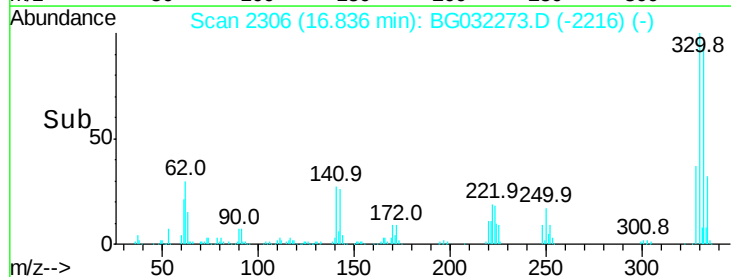
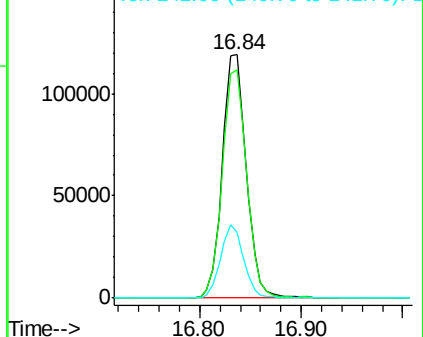
141 28.8 25.2 37.8

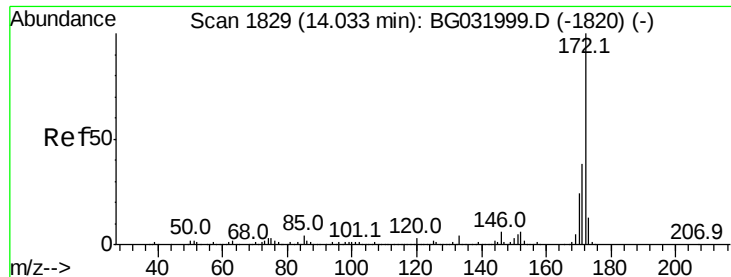


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

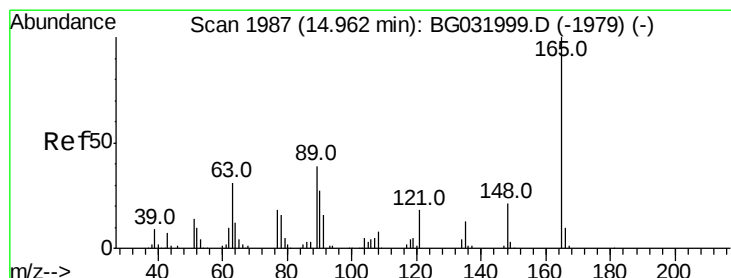
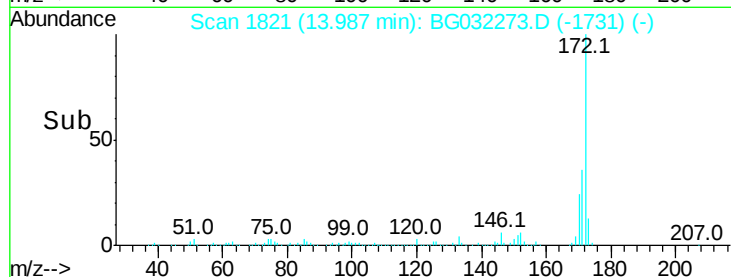
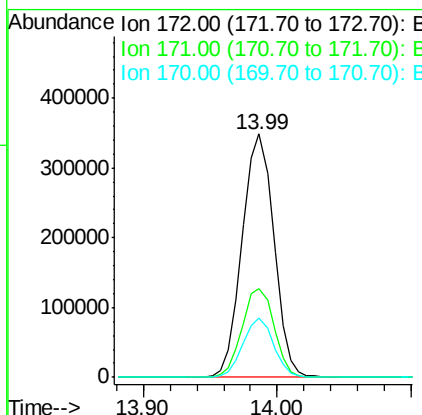
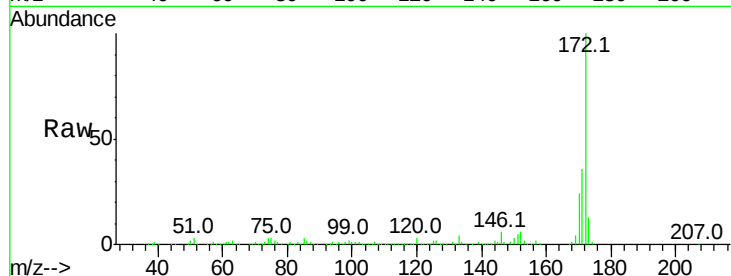




#44
 2-Fluorobiphenyl
 Concen: 67.274 ng
 RT: 13.99 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG032273.D
 Acq: 24 Jan 2018 22:48

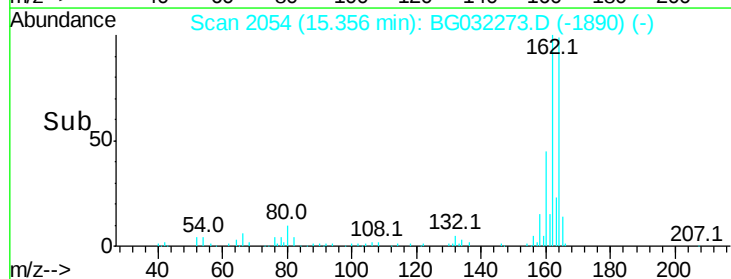
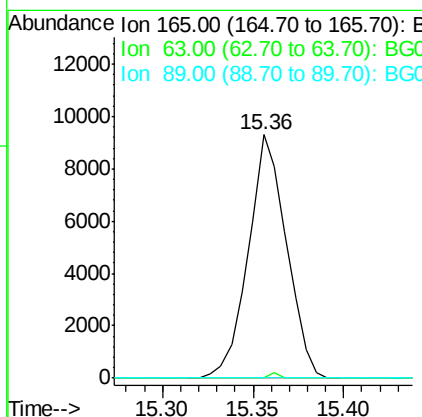
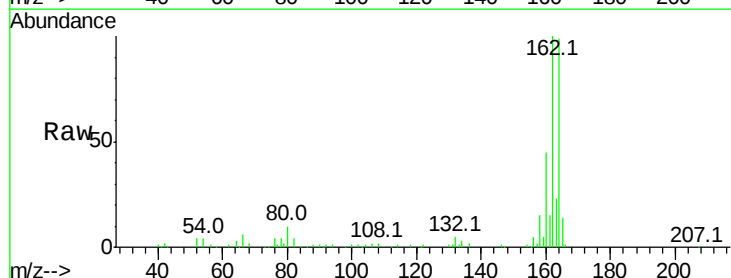
Instrument :
 BNA_G
 ClientSampleId :

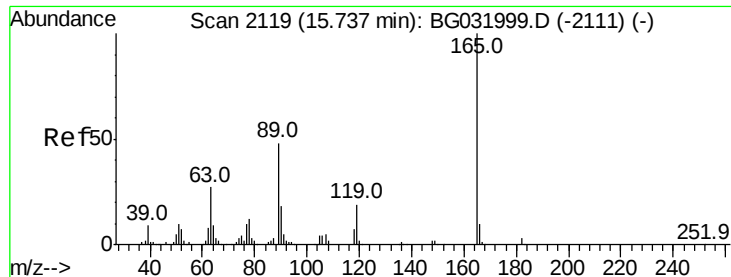
Tot Ion:172 Resp: 573752
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.0 45.0
 170 24.2 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.065 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. 0.43 min
 Lab File: BG032273.D
 Acq: 24 Jan 2018 22:48

Tgt Ion:165 Resp: 13571
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#





#56

2,4-Dinitrotoluene

Concen: 5.248 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.34 min

Lab File: BG032273.D

Acq: 24 Jan 2018 22:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 13571

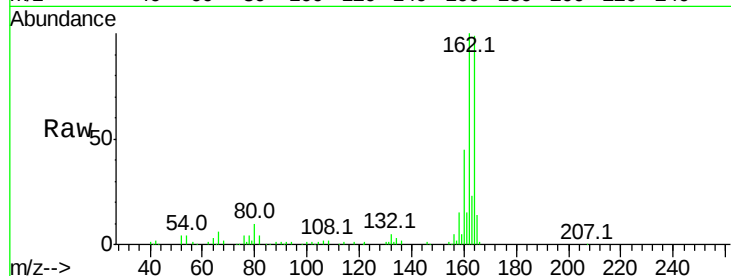
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

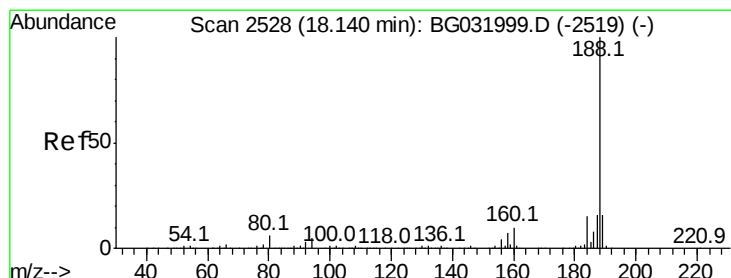
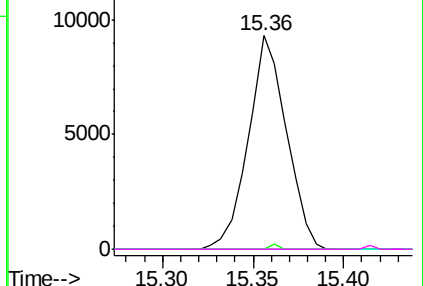
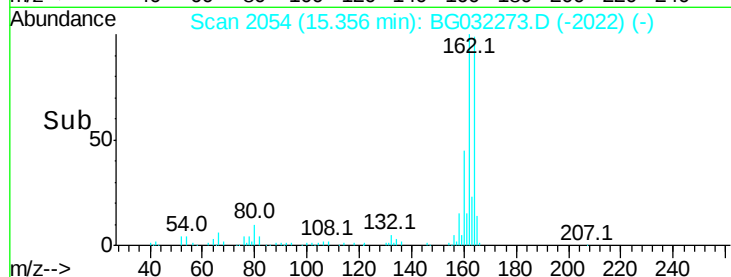


Abundance Ion 165.00 (164.70 to 165.70): E

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: BG032273.D

Acq: 24 Jan 2018 22:48

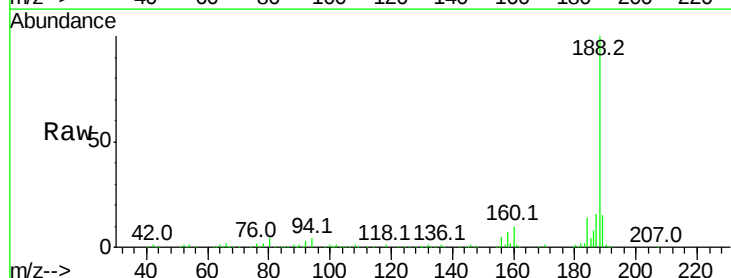
Tgt Ion:188 Resp: 303998

Ion Ratio Lower Upper

188 100

94 4.1 6.9 10.3#

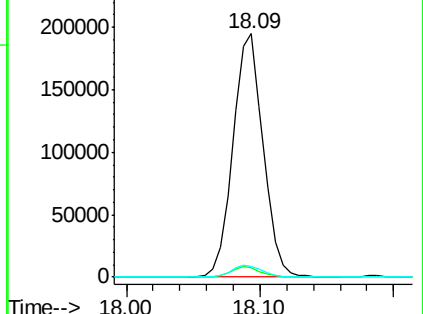
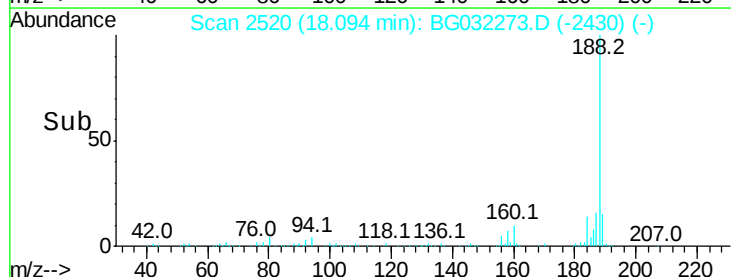
80 4.3 7.7 11.5#

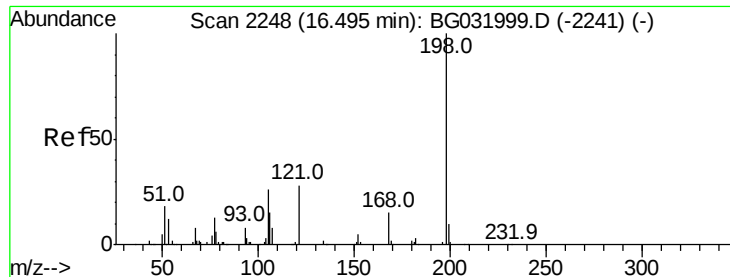


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

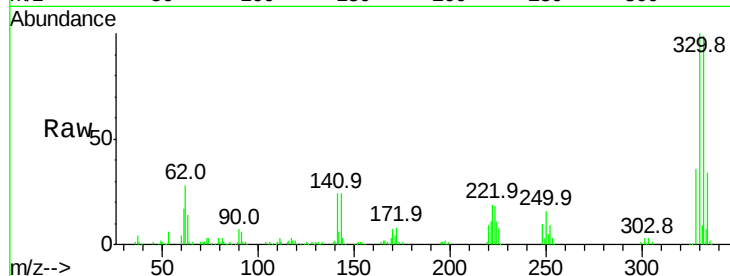




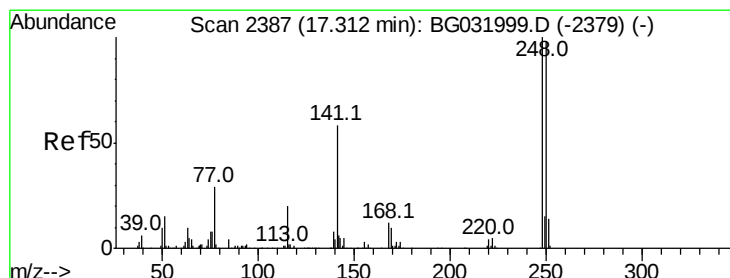
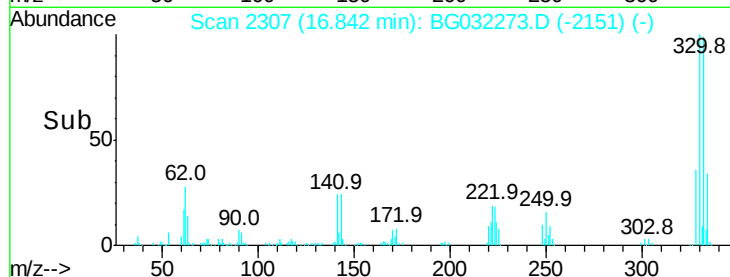
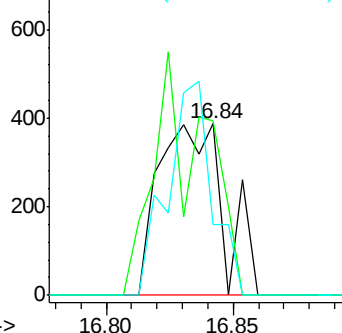
#64
4,6-Dinitro-2-methylphenol
Concen: 5.203 ng
RT: 16.84 min Scan# 2307
Delta R.T. 0.39 min
Lab File: BG032273.D
Acq: 24 Jan 2018 22:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 690
Ion Ratio Lower Upper
198 100
51 101.6 30.6 70.6#
105 41.1 23.8 63.8

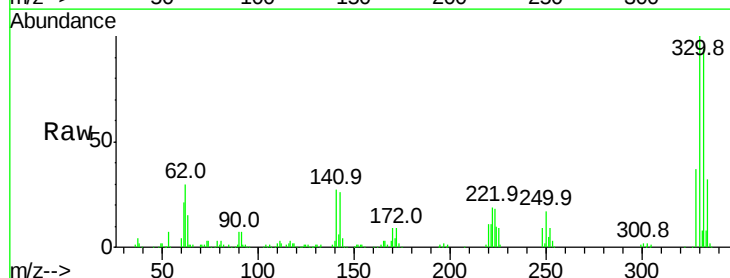


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

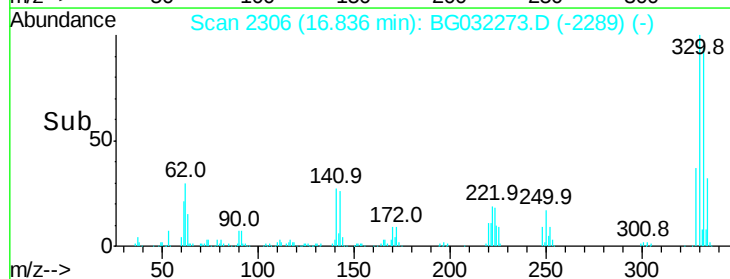
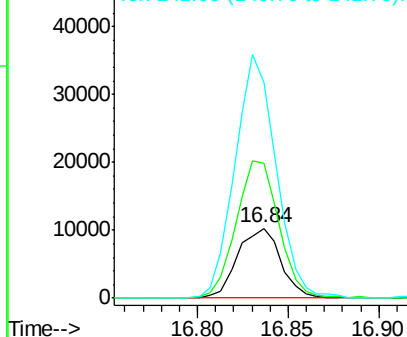


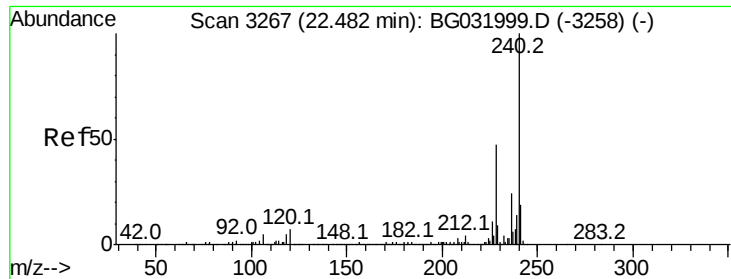
#66
4-Bromophenyl-phenylether
Concen: 3.913 ng
RT: 16.84 min Scan# 2306
Delta R.T. -0.43 min
Lab File: BG032273.D
Acq: 24 Jan 2018 22:48

Tgt Ion:248 Resp: 16923
Ion Ratio Lower Upper
248 100
250 193.3 77.1 115.7#
141 310.6 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# 3256

Delta R.T. -0.01 min

Lab File: BG032273.D

Acq: 24 Jan 2018 22:48

Instrument :

BNA_G

ClientSampled :

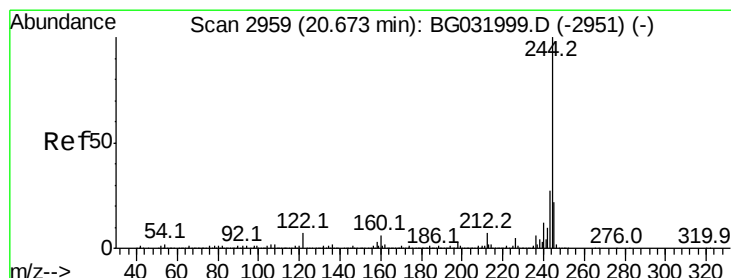
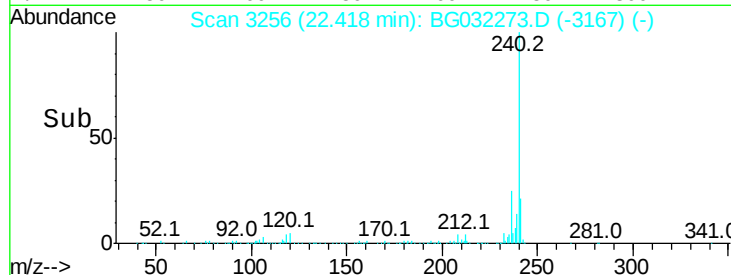
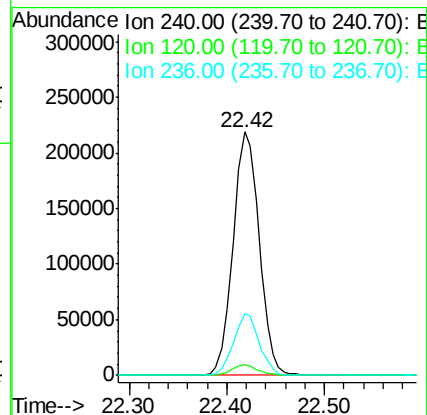
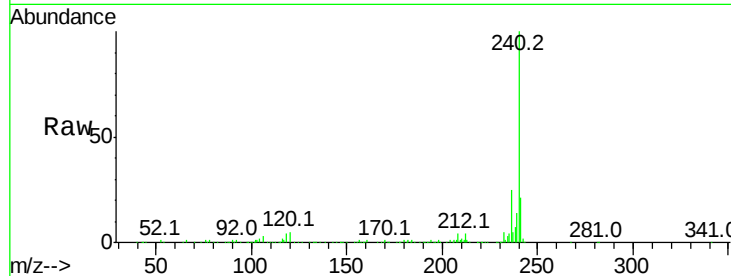
Tot Ion:240 Resp: 407667

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

236 25.3 20.9 31.3



#78

Terphenyl-d14

Concen: 71.171 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BG032273.D

Acq: 24 Jan 2018 22:48

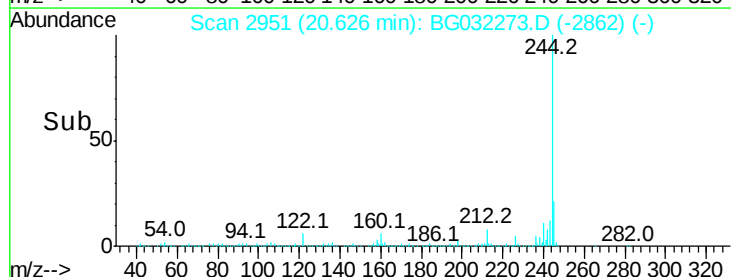
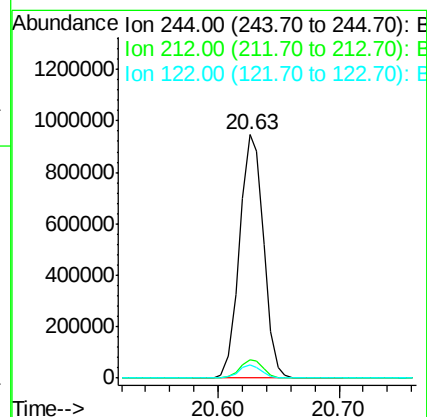
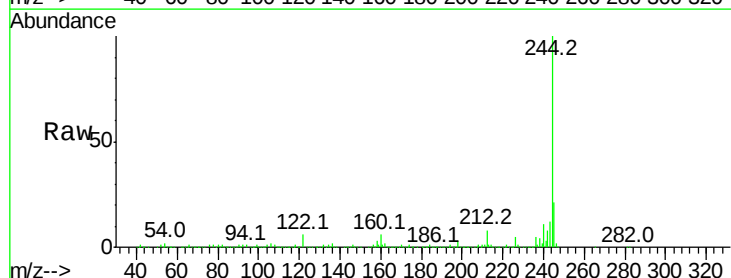
Tgt Ion:244 Resp: 1314013

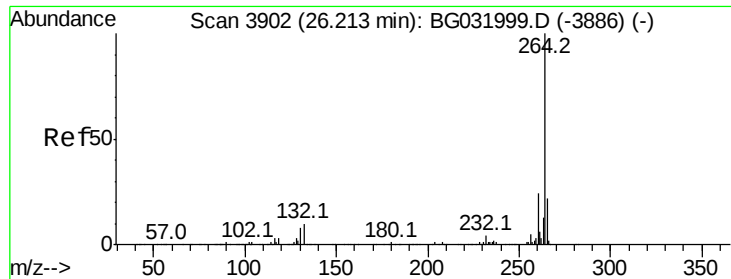
Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

122 5.5 7.0 10.4#

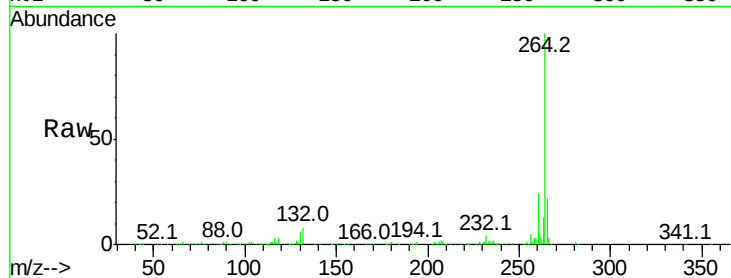




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.10 min Scan# 3883
Delta R.T. -0.01 min
Lab File: BG032273.D
Acq: 24 Jan 2018 22:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	22.2	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

