

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010218\
 Data File : BG031873.D
 Acq On : 2 Jan 2018 16:09
 Operator : SJ/JU
 Sample : PB105419TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 02 17:33:58 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 15:51:46 2017
 Response via : Initial Calibration

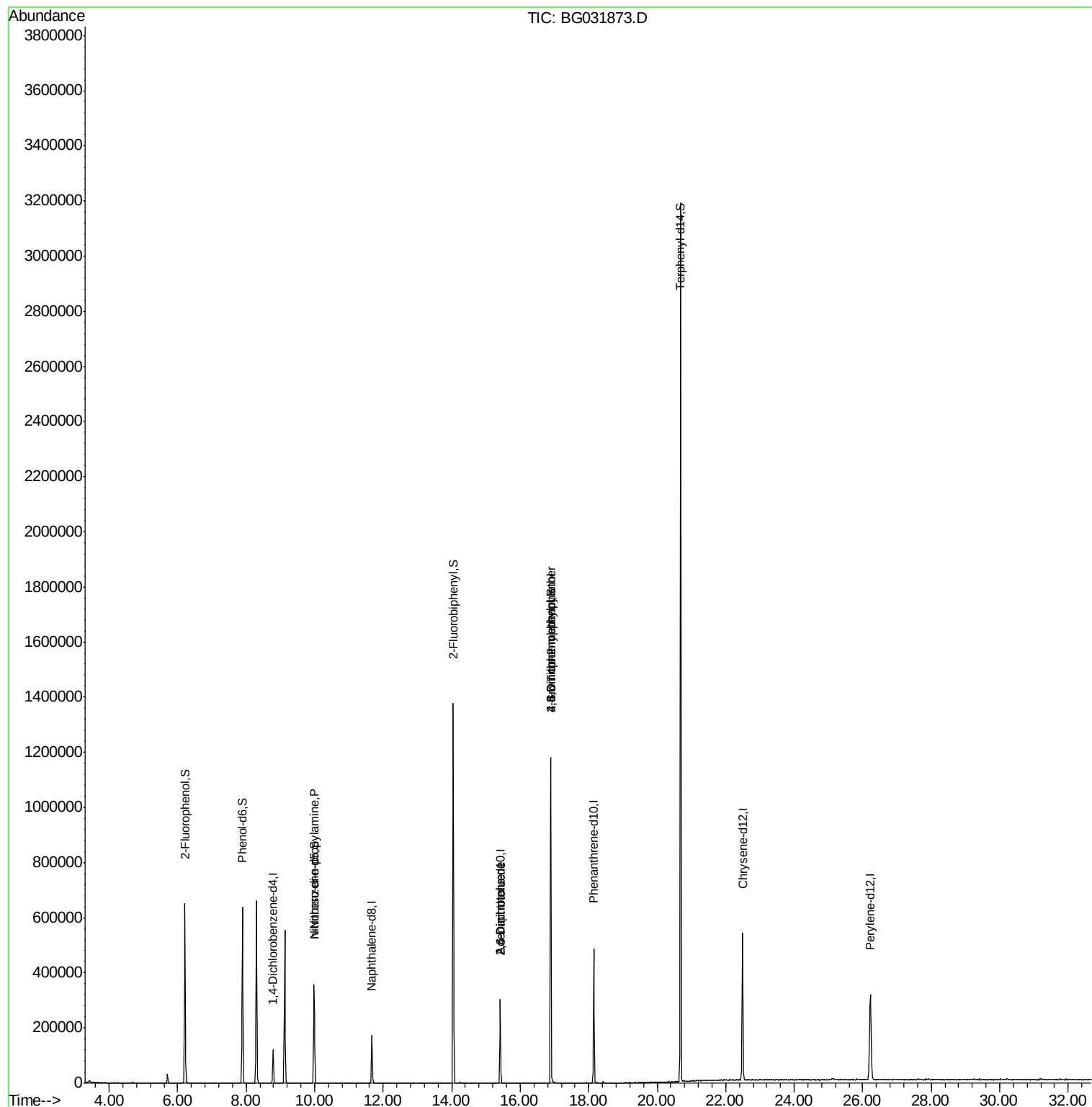
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	44334	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	175680	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	118786	20.00	ng	0.00
63) Phenanthrene-d10	18.15	188	333160	20.00	ng	0.00
75) Chrysene-d12	22.49	240	408190	20.00	ng	-0.02
86) Perylene-d12	26.23	264	423035	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	355103	145.89	ng	0.00
7) Phenol-d6	7.89	99	446306	141.23	ng	0.00
23) Nitrobenzene-d5	9.98	82	240519	103.38	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	297331	164.04	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	853660	90.20	ng	0.00
78) Terphenyl-d14	20.68	244	1719649	96.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.98	70	30598	14.177	ng	# 72
50) 2,6-Dinitrotoluene	15.41	165	15671	8.140	ng	# 19
56) 2,4-Dinitrotoluene	15.41	165	15671	6.331	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.89	198	741	8.684	ng	# 1
66) 4-Bromophenyl-phenylether	16.89	248	22937	4.761	ng	# 1

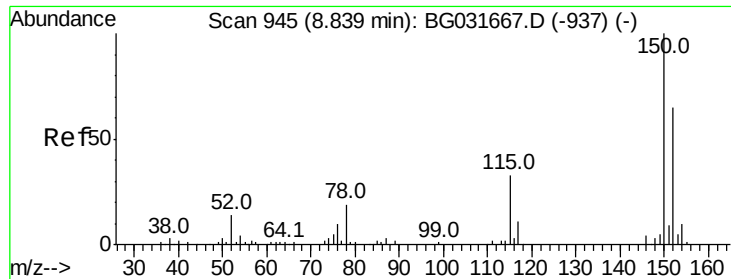
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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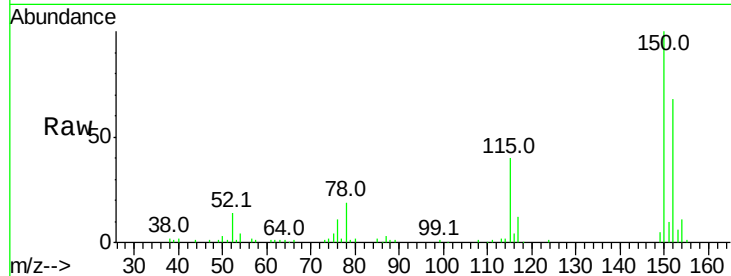


#1

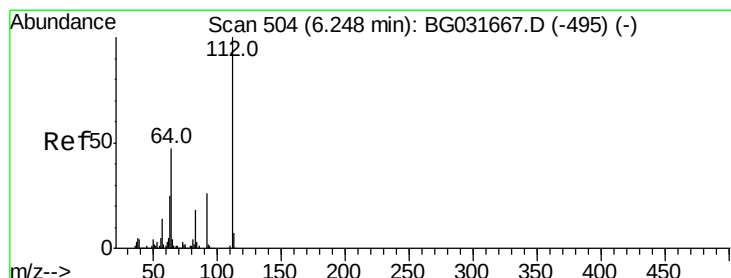
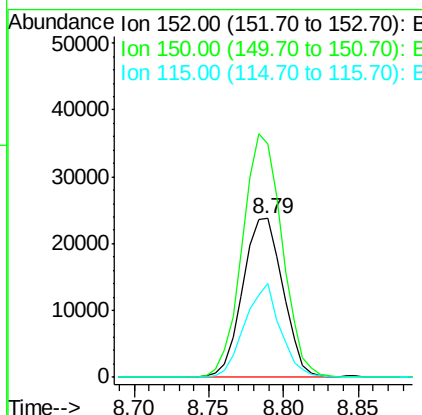
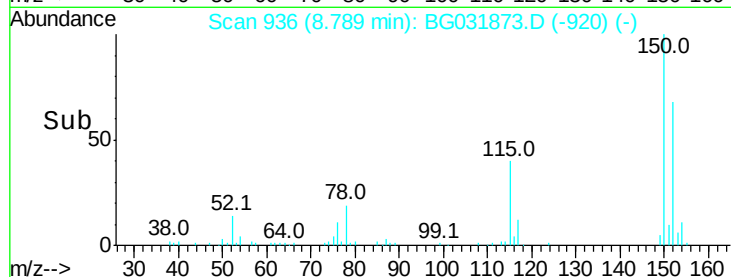
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.79 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: BG031873.D
 Acq: 2 Jan 2018 16:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 44334
 Ion Ratio Lower Upper
 152 100
 150 147.3 126.6 189.8
 115 58.9 53.0 79.4



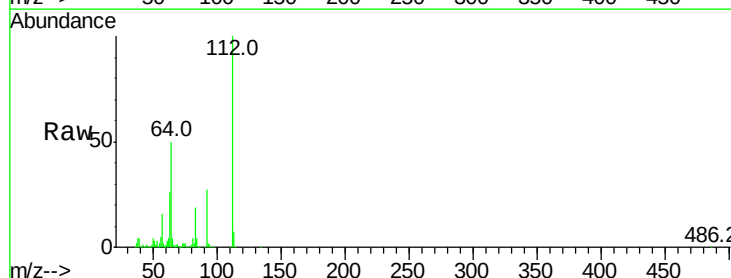
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



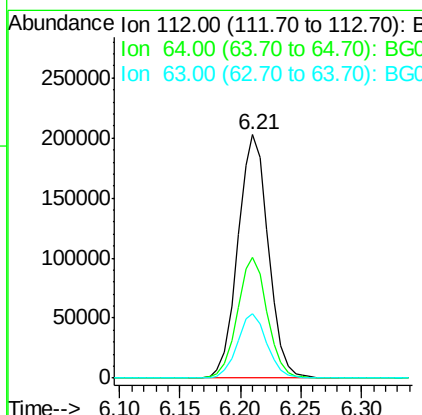
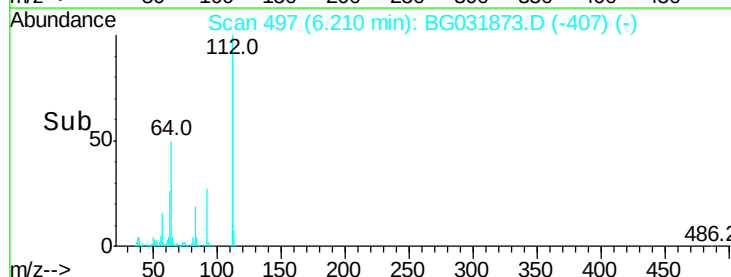
#5

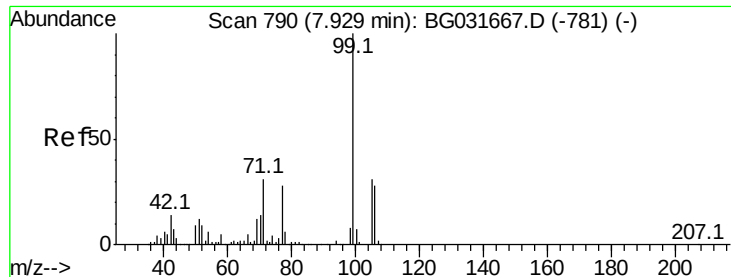
2-Fluorophenol
 Concen: 145.888 ng
 RT: 6.21 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BG031873.D
 Acq: 2 Jan 2018 16:09

Tgt Ion:112 Resp: 355103
 Ion Ratio Lower Upper
 112 100
 64 49.6 56.3 84.5#
 63 26.5 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: 141.225 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG031873.D

Acq: 2 Jan 2018 16:09

Instrument :

BNA_G

ClientSampleId :

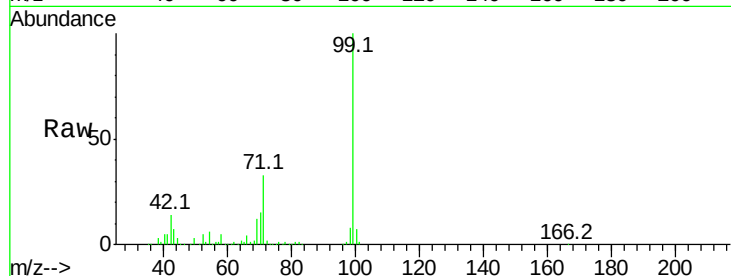
Tot Ion: 99 Resp: 446306

Ion Ratio Lower Upper

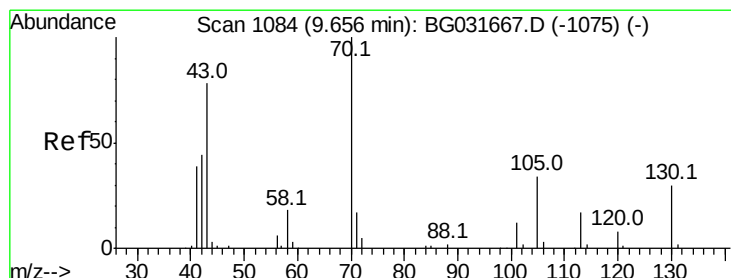
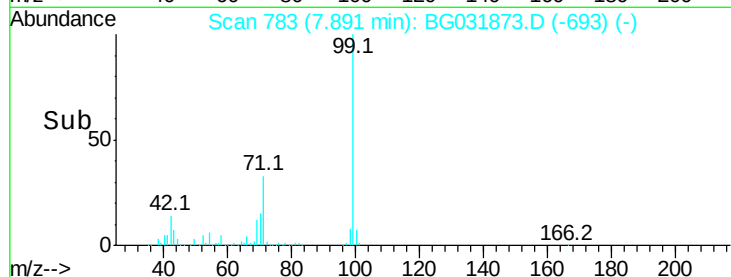
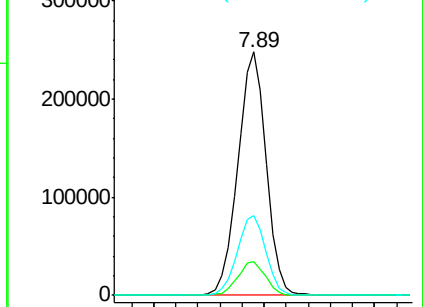
99 100

42 14.0 14.1 21.1#

71 32.6 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: 14.177 ng

RT: 9.98 min Scan# 1139

Delta R.T. 0.38 min

Lab File: BG031873.D

Acq: 2 Jan 2018 16:09

Tgt Ion: 70 Resp: 30598

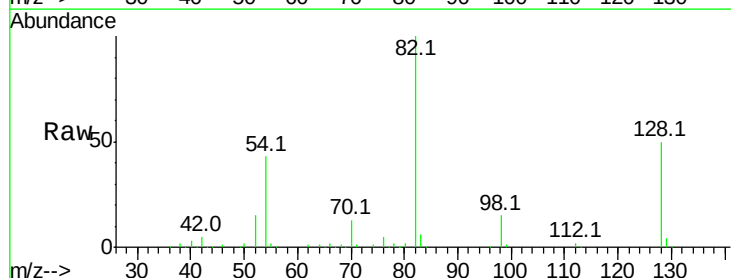
Ion Ratio Lower Upper

70 100

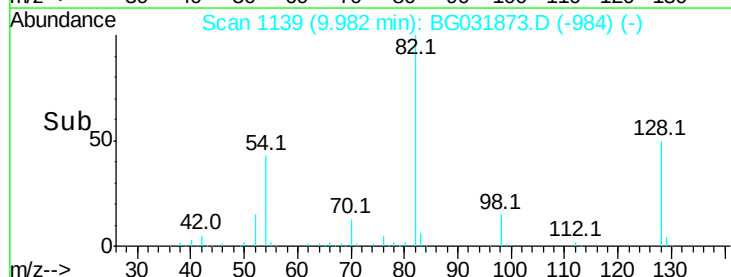
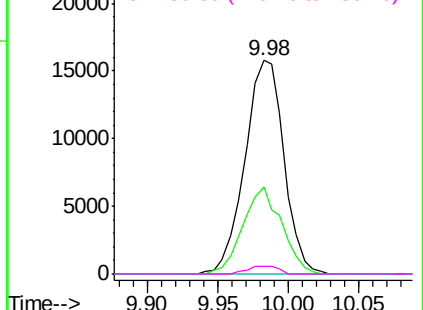
42 40.9 49.1 73.7#

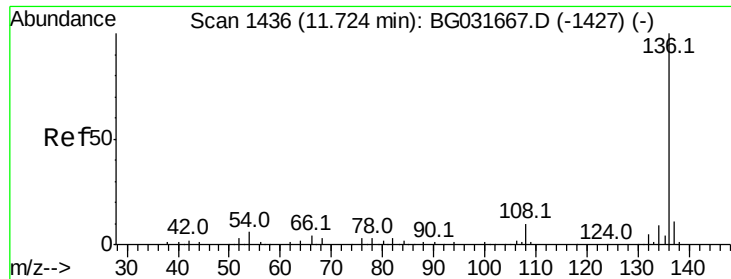
101 0.0 8.5 12.7#

130 3.6 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: 11.67 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BG031873.D

Acq: 2 Jan 2018 16:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 175680

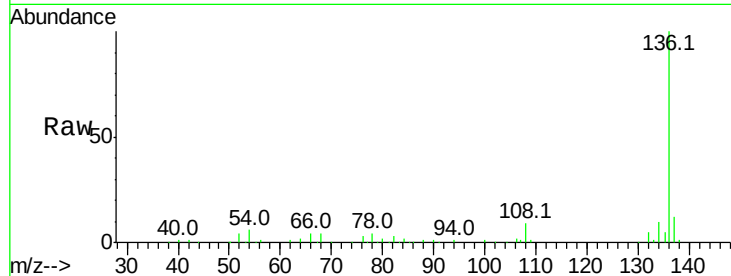
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	6.3	10.3	15.5#
68	3.8	4.5	6.7#

136 100

137 11.5 9.2 13.8

54 6.3 10.3 15.5#

68 3.8 4.5 6.7#

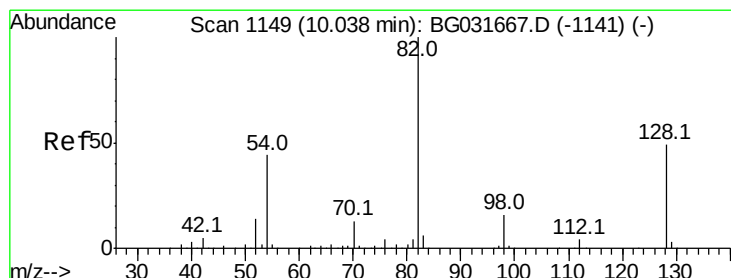
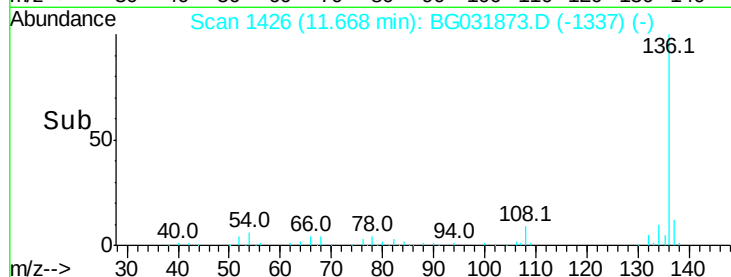
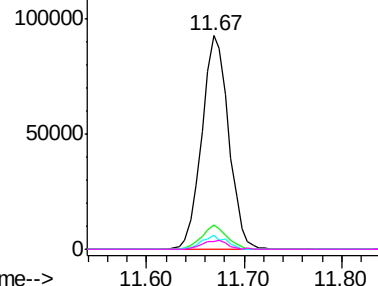


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 103.382 ng

RT: 9.98 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BG031873.D

Acq: 2 Jan 2018 16:09

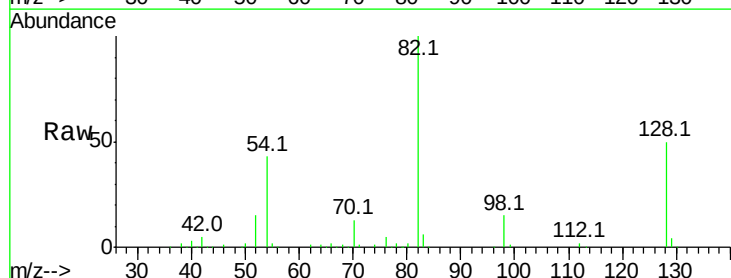
Tgt Ion: 82 Resp: 240519

Ion	Ratio	Lower	Upper
82	100		
128	50.0	29.7	44.5#
54	43.3	43.1	64.7

82 100

128 50.0 29.7 44.5#

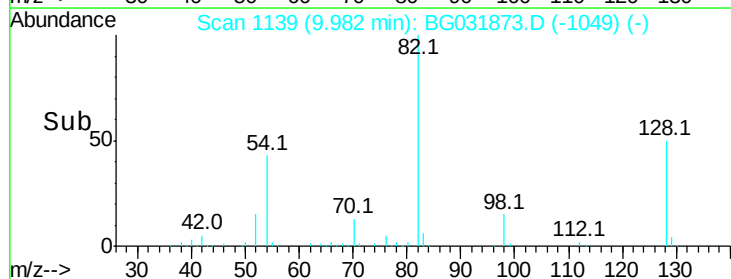
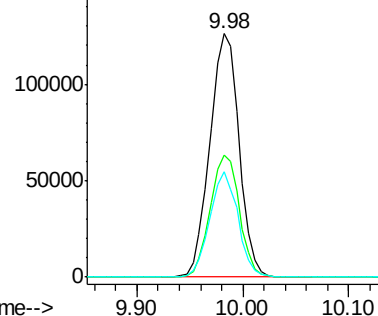
54 43.3 43.1 64.7

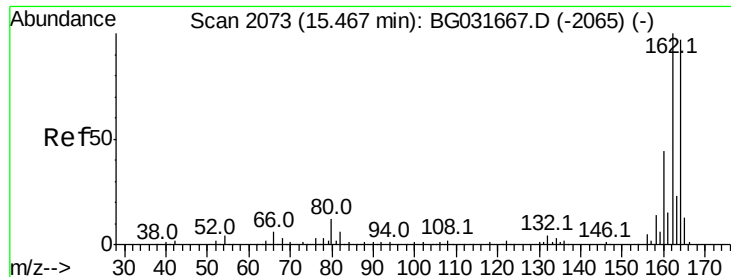


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

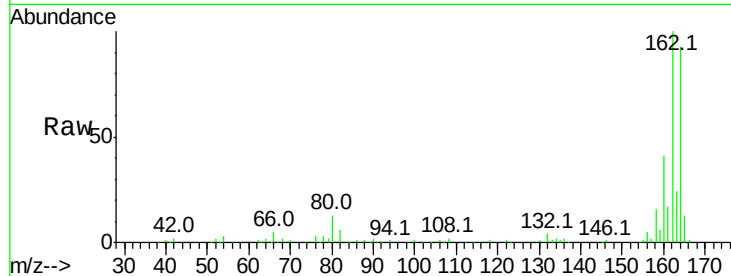




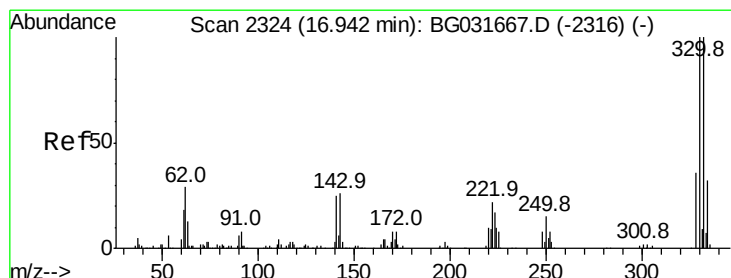
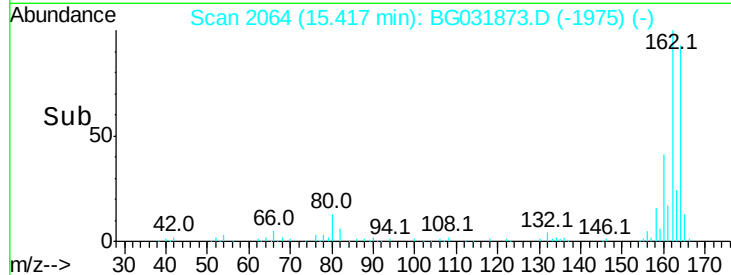
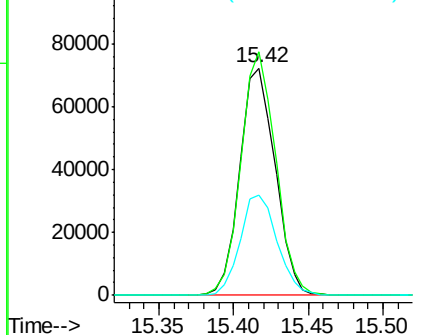
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG031873.D
 Acq: 2 Jan 2018 16:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 118786
 Ion Ratio Lower Upper
 164 100
 162 107.2 78.8 118.2
 160 44.2 35.4 53.0

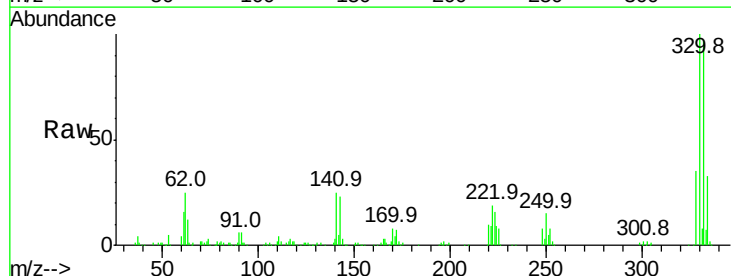


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

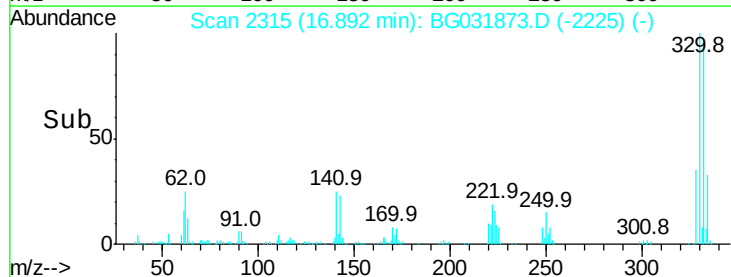
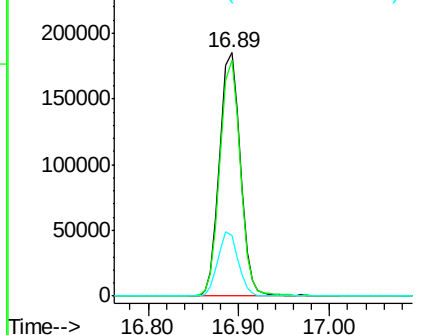


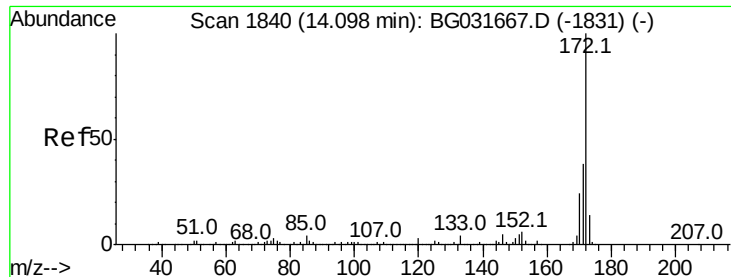
#41
 2,4,6-Tribromophenol
 Concen: 164.044 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.00 min
 Lab File: BG031873.D
 Acq: 2 Jan 2018 16:09

Tgt Ion:330 Resp: 297331
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.0 115.6
 141 25.7 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

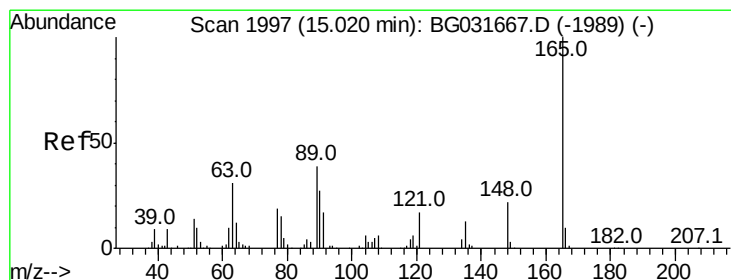
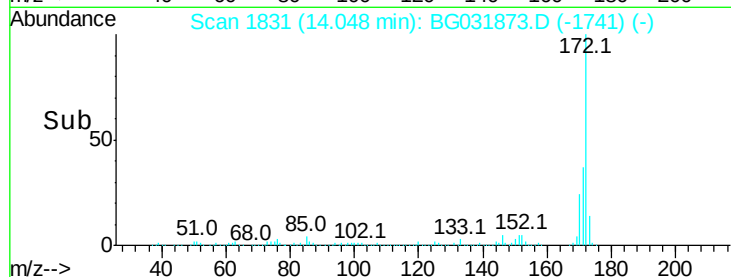
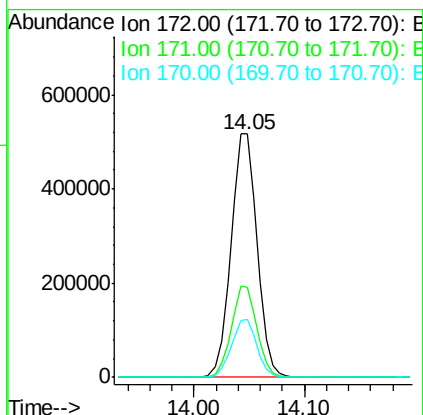
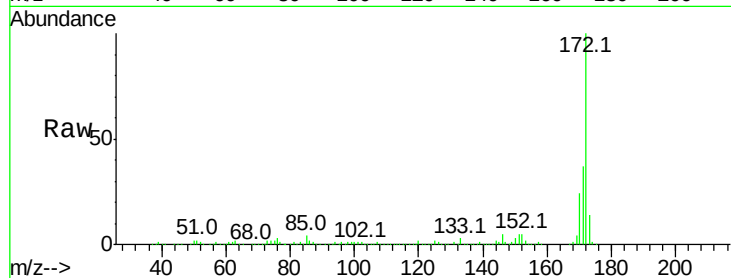




#44
2-Fluorobiphenyl
Concen: 90.201 ng
RT: 14.05 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BG031873.D
Acq: 2 Jan 2018 16:09

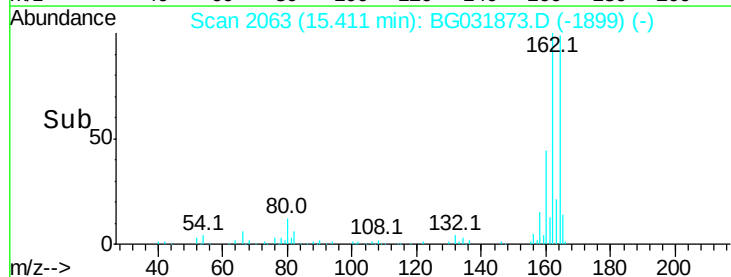
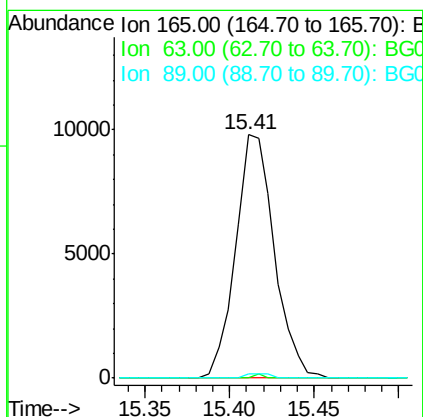
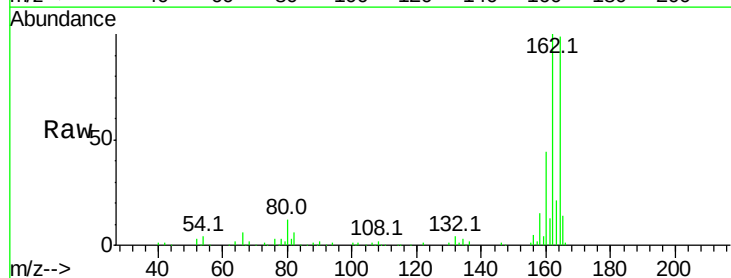
Instrument :
BNA_G
ClientSampleId :

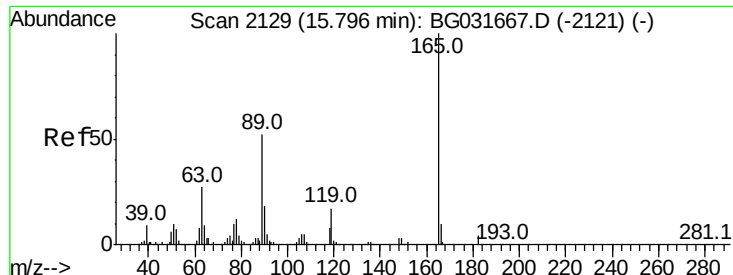
Tot Ion:172 Resp: 853660
Ion Ratio Lower Upper
172 100
171 37.1 30.0 45.0
170 23.8 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 8.140 ng
RT: 15.41 min Scan# 2063
Delta R.T. 0.43 min
Lab File: BG031873.D
Acq: 2 Jan 2018 16:09

Tgt Ion:165 Resp: 15671
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 1.8 49.2 73.8#

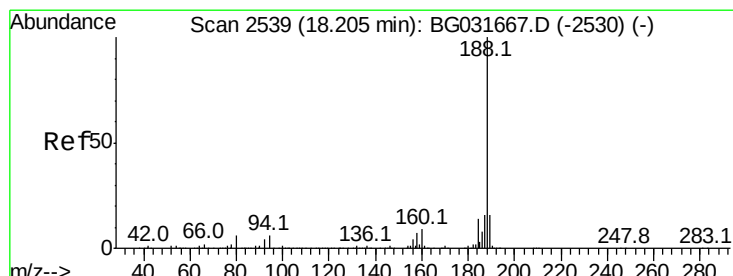
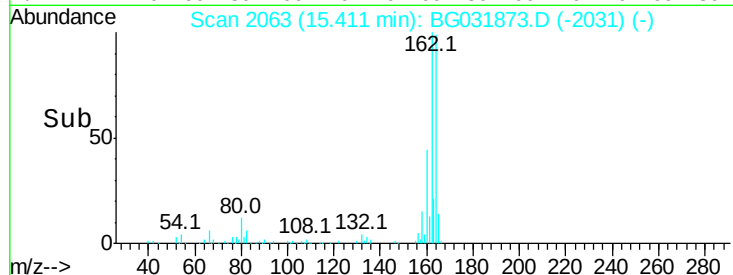
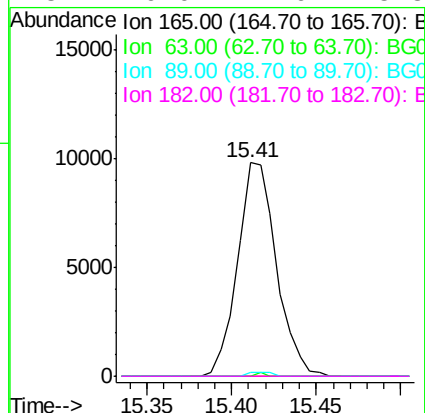
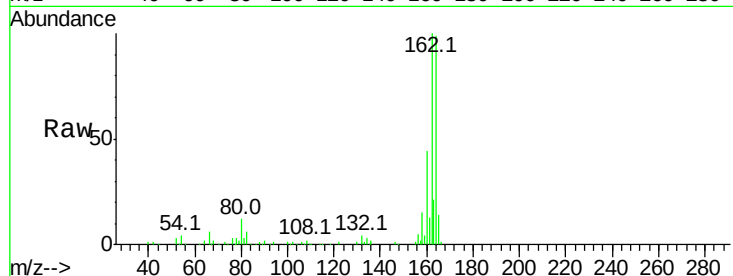




#56
 2,4-Dinitrotoluene
 Concen: 6.331 ng
 RT: 15.41 min Scan# 2063
 Delta R.T. -0.34 min
 Lab File: BG031873.D
 Acq: 2 Jan 2018 16:09

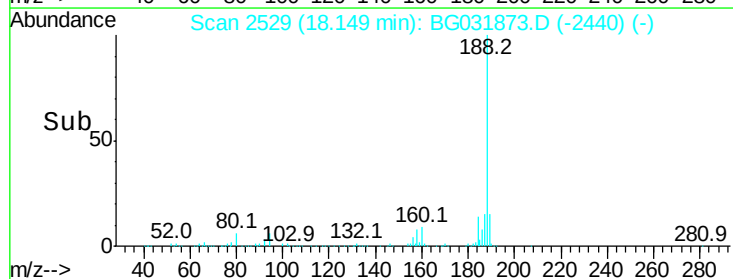
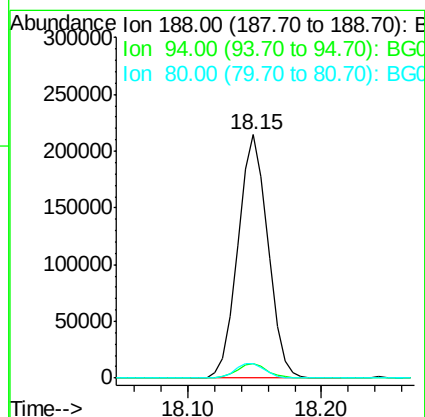
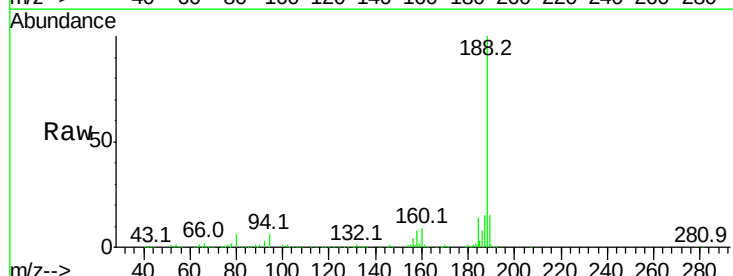
Instrument :
 BNA_G
 ClientSampleId :

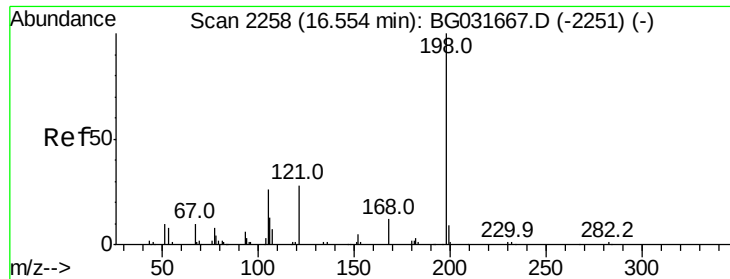
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.8	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.15 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG031873.D
 Acq: 2 Jan 2018 16:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.9	10.3#
80	5.9	7.7	11.5#

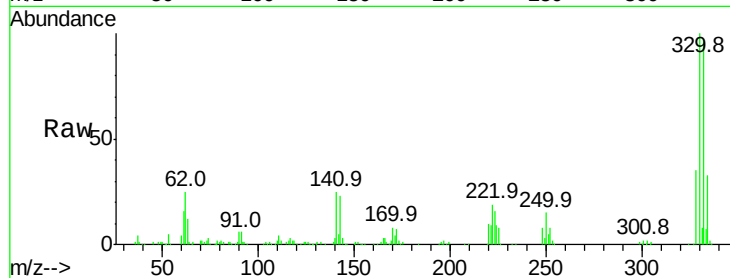




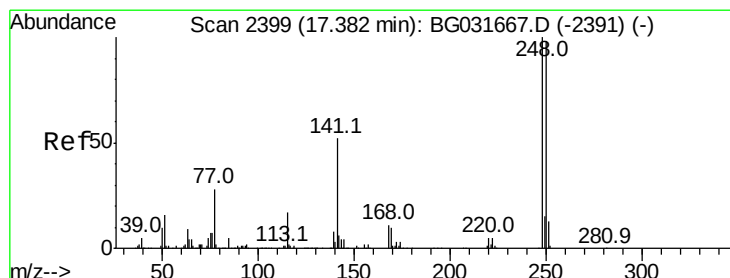
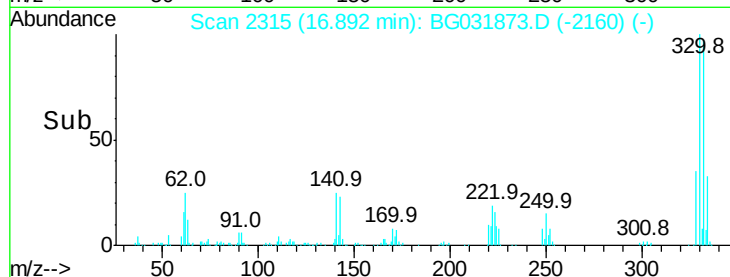
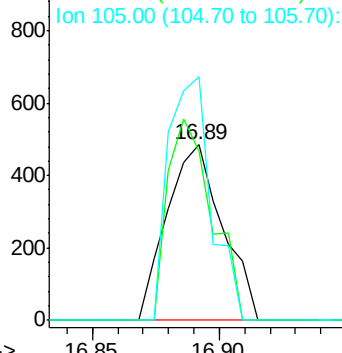
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.684 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. 0.38 min
 Lab File: BG031873.D
 Acq: 2 Jan 2018 16:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 741
 Ion Ratio Lower Upper
 198 100
 51 96.5 30.6 70.6#
 105 138.6 23.8 63.8#

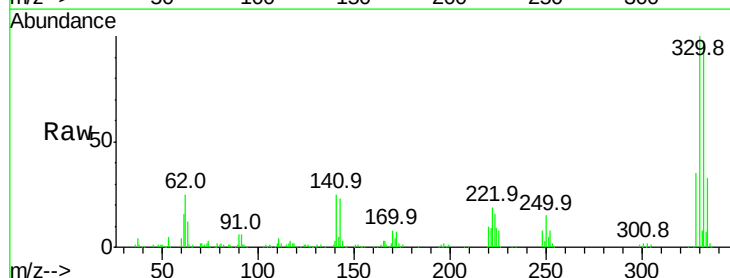


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

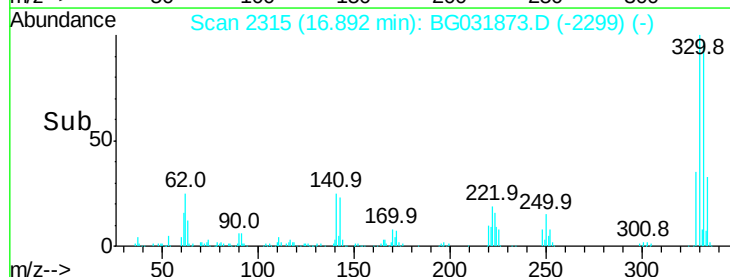
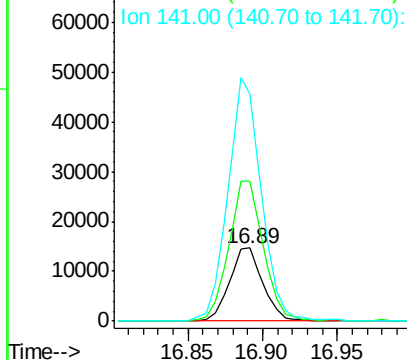


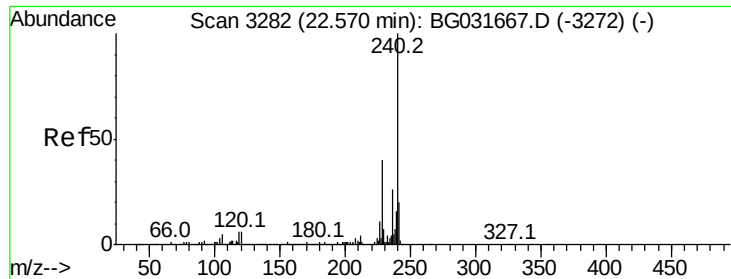
#66
 4-Bromophenyl-phenylether
 Concen: 4.761 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.44 min
 Lab File: BG031873.D
 Acq: 2 Jan 2018 16:09

Tgt Ion:248 Resp: 22937
 Ion Ratio Lower Upper
 248 100
 250 191.9 77.1 115.7#
 141 310.4 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: 22.49 min Scan# 3268

Delta R.T. -0.02 min

Lab File: BG031873.D

Acq: 2 Jan 2018 16:09

Instrument :

BNA_G

ClientSampleId :

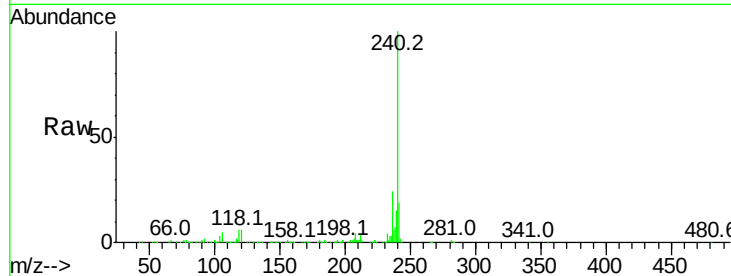
Tot Ion:240 Resp: 408190

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

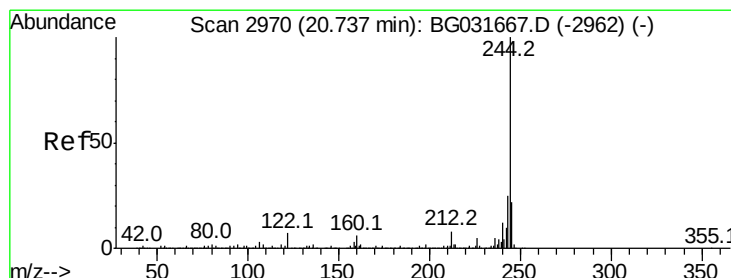
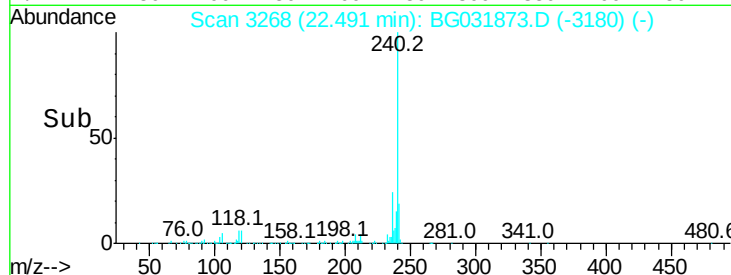
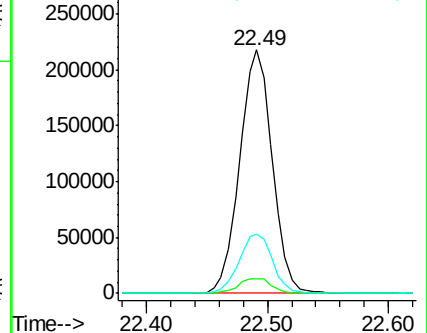
236 24.5 20.9 31.3



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: 96.249 ng

RT: 20.68 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BG031873.D

Acq: 2 Jan 2018 16:09

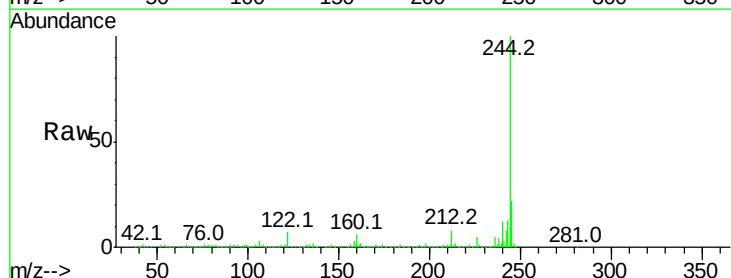
Tgt Ion:244 Resp: 1719649

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

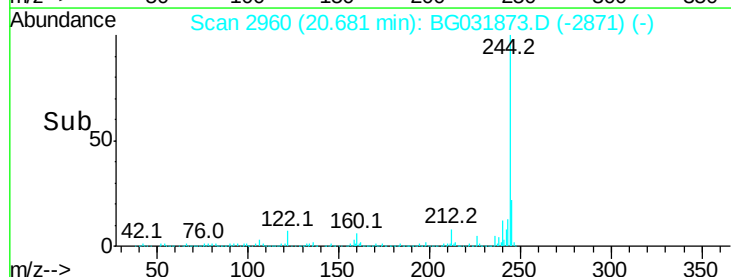
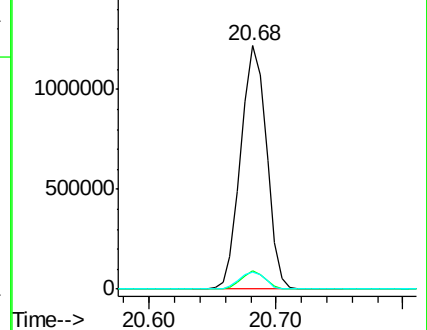
122 7.2 7.0 10.4

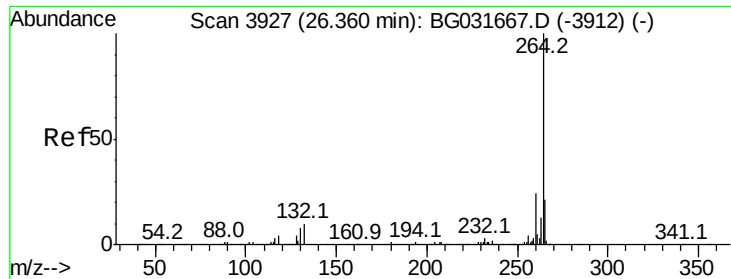


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

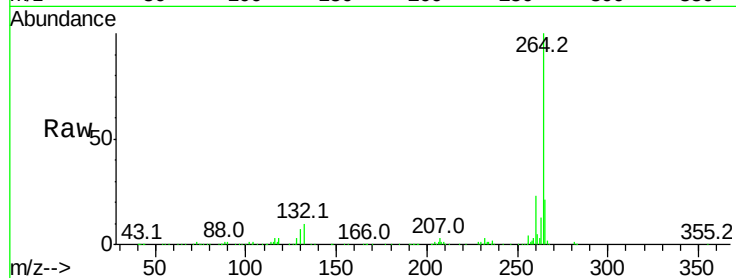




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.23 min Scan# 3904
Delta R.T. -0.03 min
Lab File: BG031873.D
Acq: 2 Jan 2018 16:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	20.8	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

