

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031679.D
 Acq On : 21 Dec 2017 18:44
 Operator : SJ/JU
 Sample : I6961-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 22 03:15:20 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 14:09:19 2017
 Response via : Initial Calibration

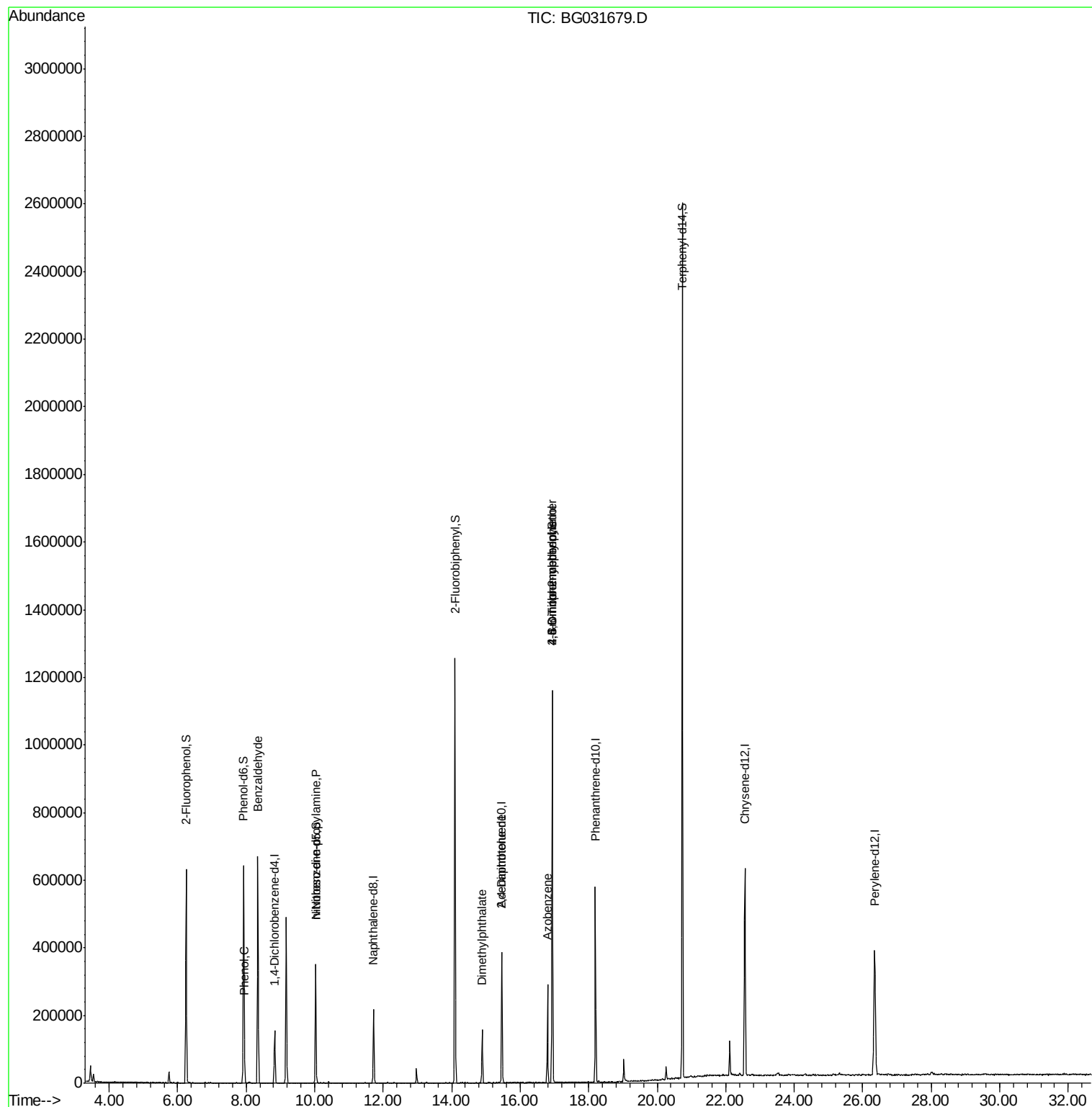
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	50902	20.00	ng	0.00
21) Naphthalene-d8	11.72	136	216333	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	152480	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	395818	20.00	ng	0.00
75) Chrysene-d12	22.56	240	481020	20.00	ng	0.00
86) Perylene-d12	26.35	264	506125	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.25	112	349387	125.02	ng	0.00
7) Phenol-d6	7.93	99	449544	123.90	ng	0.00
23) Nitrobenzene-d5	10.03	82	221250	77.23	ng	0.00
41) 2,4,6-Tribromophenol	16.94	330	279608	120.18	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	754064	62.07	ng	0.00
78) Terphenyl-d14	20.73	244	1412900	67.11	ng	0.00
Target Compounds						
9) Benzaldehyde	8.34	77	8444	3.865	ng	92
10) Phenol	7.95	94	17805	4.860	ng	97
19) n-Nitroso-di-n-propylamine	10.03	70	29070	11.731	ng	# 72
49) Dimethylphthalate	14.89	163	124976	9.304	ng	99
56) 2,4-Dinitrotoluene	15.46	165	18918	5.954	ng	# 18
62) Azobenzene	16.80	77	70991	8.455	ng	# 1
64) 4,6-Dinitro-2-methylphenol	16.94	198	594	8.561	ng	# 17
66) 4-Bromophenyl-phenylether	16.94	248	23172	4.048	ng	# 1

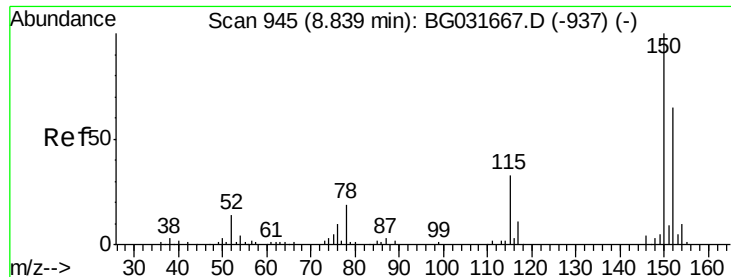
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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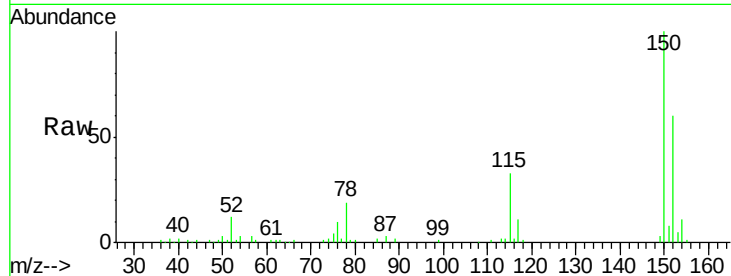


#1

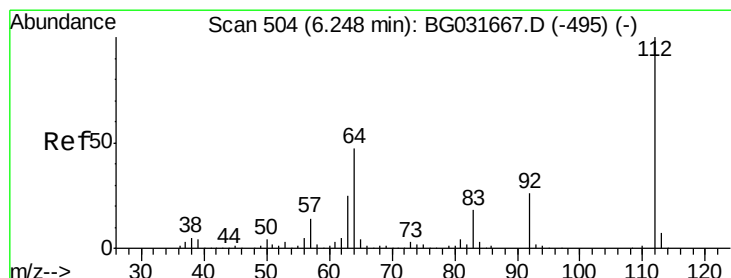
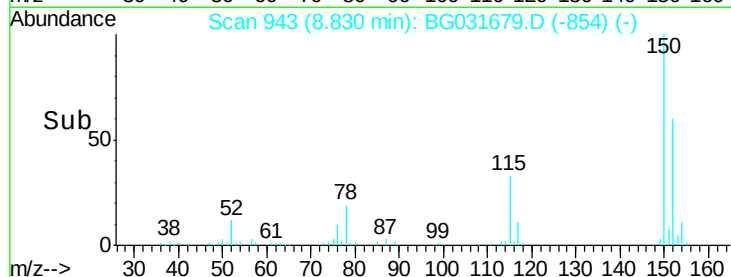
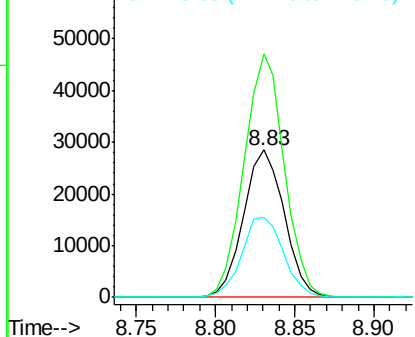
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG031679.D
Acq: 21 Dec 2017 18:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 50902
Ion Ratio Lower Upper
152 100
150 165.3 126.6 189.8
115 54.3 53.0 79.4



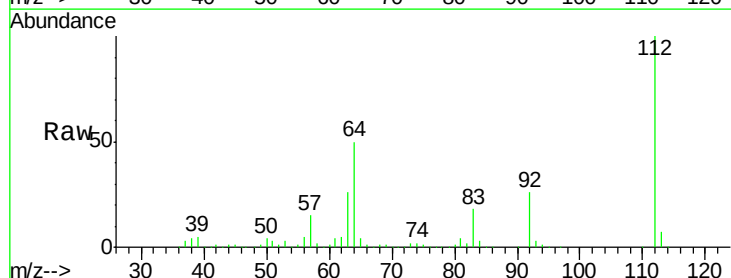
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



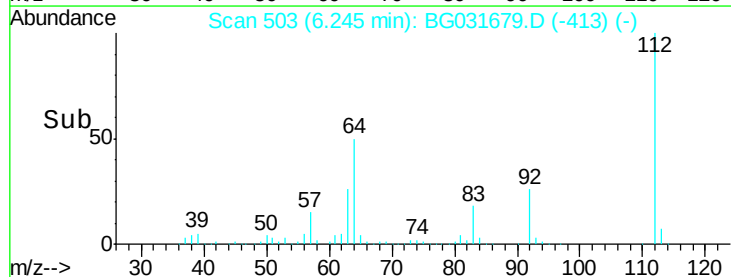
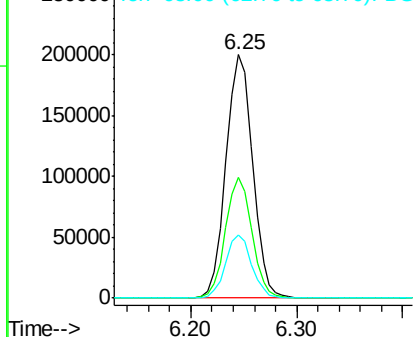
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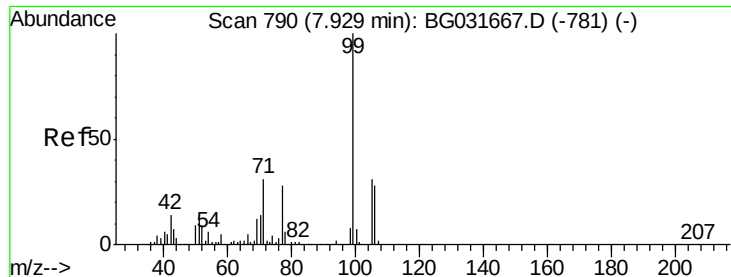
2-Fluorophenol
Concen: 125.018 ng
RT: 6.25 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG031679.D
Acq: 21 Dec 2017 18:44

Tgt Ion:112 Resp: 349387
Ion Ratio Lower Upper
112 100
64 49.6 56.3 84.5#
63 25.7 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: 123.895 ng

RT: 7.93 min Scan# 789

Delta R.T. -0.00 min

Lab File: BG031679.D

Acq: 21 Dec 2017 18:44

Instrument :

BNA_G

ClientSampleId :

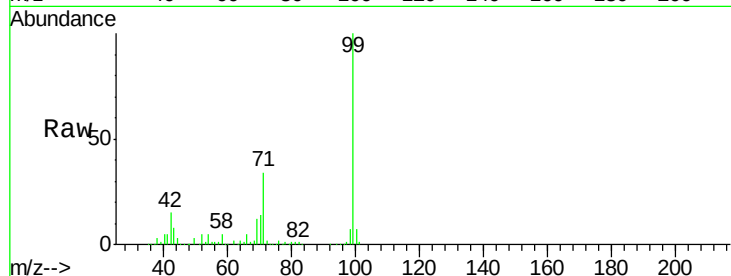
Tot Ion: 99 Resp: 449544

Ion Ratio Lower Upper

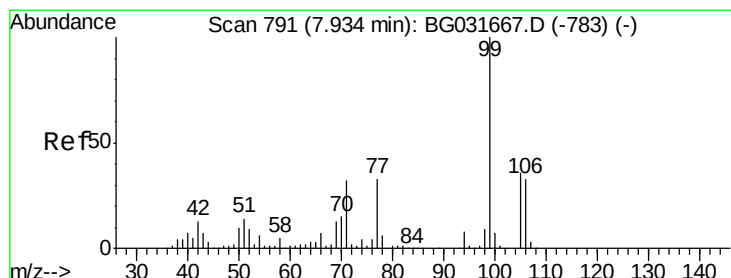
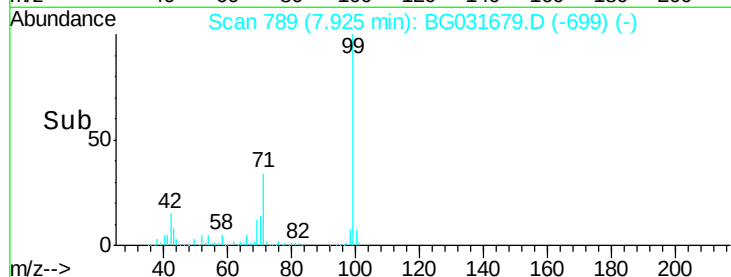
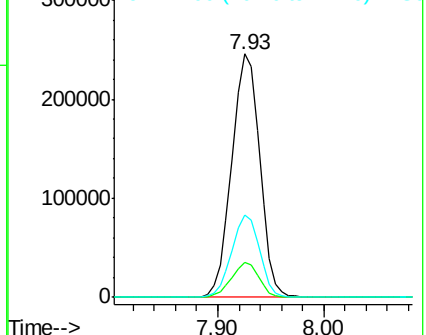
99 100

42 14.5 14.1 21.1

71 33.7 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



#9

Benzaldehyde

Concen: 3.865 ng

RT: 8.34 min Scan# 859

Delta R.T. 0.40 min

Lab File: BG031679.D

Acq: 21 Dec 2017 18:44

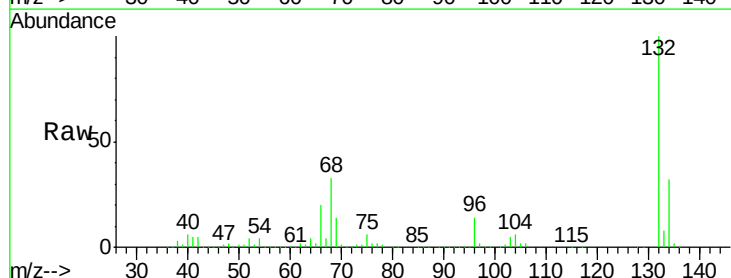
Tgt Ion: 77 Resp: 8444

Ion Ratio Lower Upper

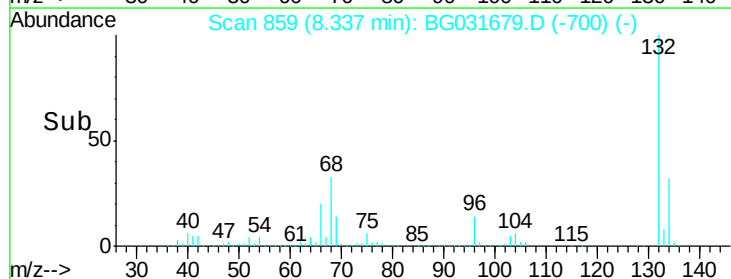
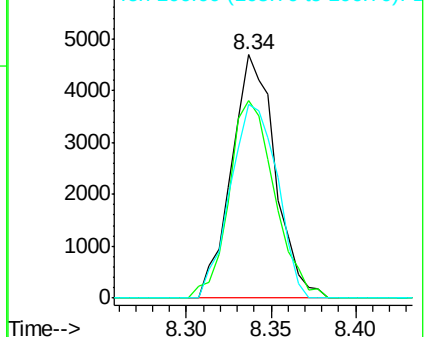
77 100

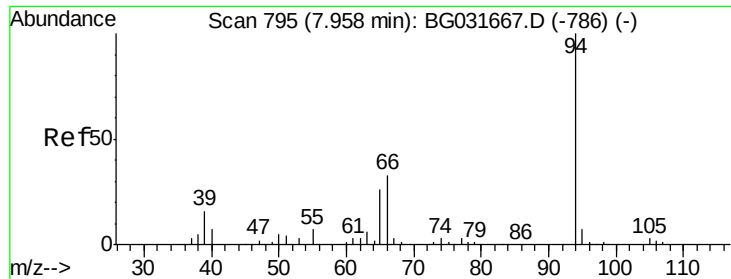
105 81.1 71.3 111.3

106 79.7 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#10

Phenol

Concen: 4.860 ng

RT: 7.95 min Scan# 794

Delta R.T. -0.00 min

Lab File: BG031679.D

Acq: 21 Dec 2017 18:44

Instrument :

BNA_G

ClientSampled :

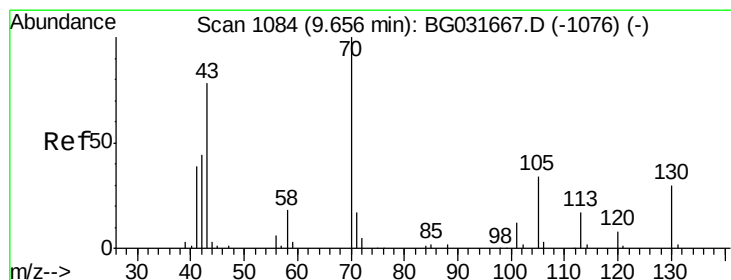
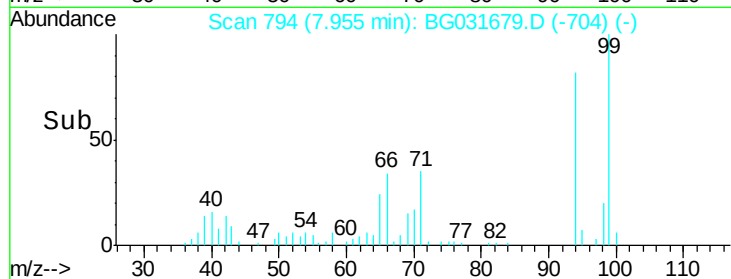
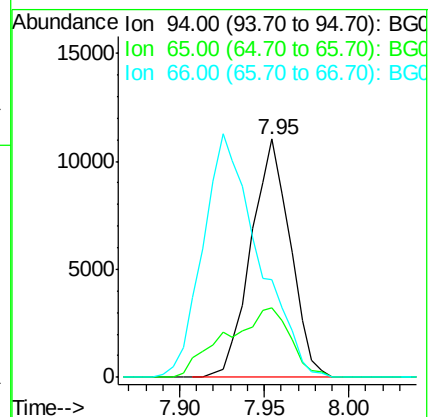
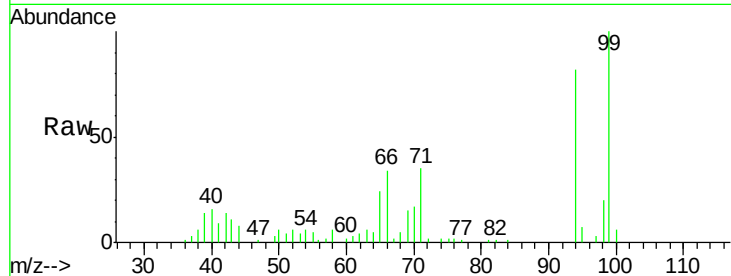
Tot Ion: 94 Resp: 17805

Ion Ratio Lower Upper

94 100

65 29.2 11.9 51.9

66 41.1 22.2 62.2



#19

n-Nitroso-di-n-propylamine

Concen: 11.731 ng

RT: 10.03 min Scan# 1147

Delta R.T. 0.37 min

Lab File: BG031679.D

Acq: 21 Dec 2017 18:44

Tgt Ion: 70 Resp: 29070

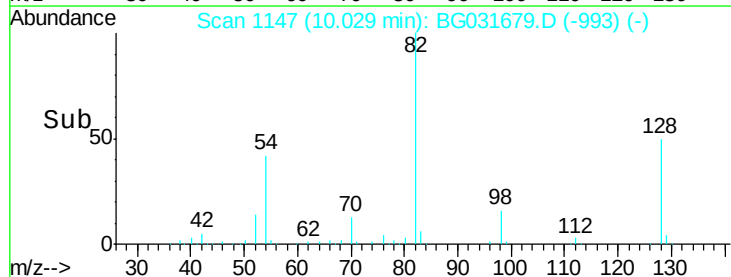
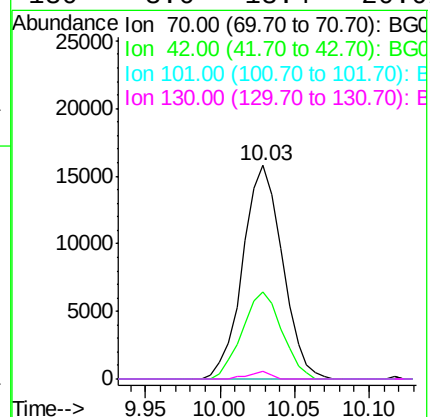
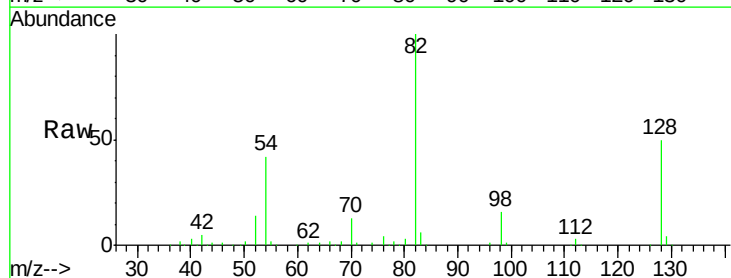
Ion Ratio Lower Upper

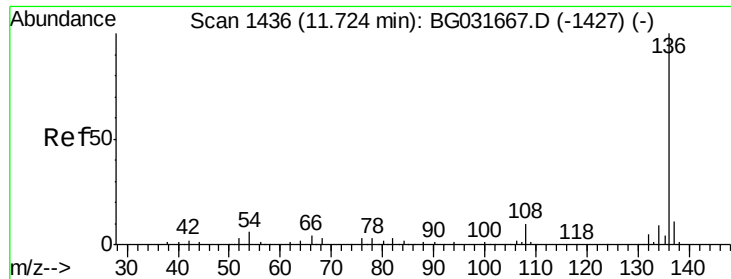
70 100

42 40.7 49.1 73.7#

101 0.0 8.5 12.7#

130 3.6 13.4 20.0#

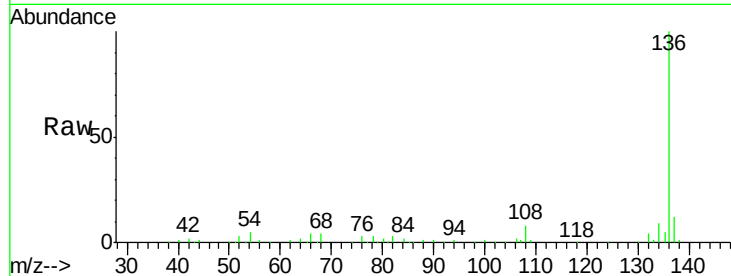




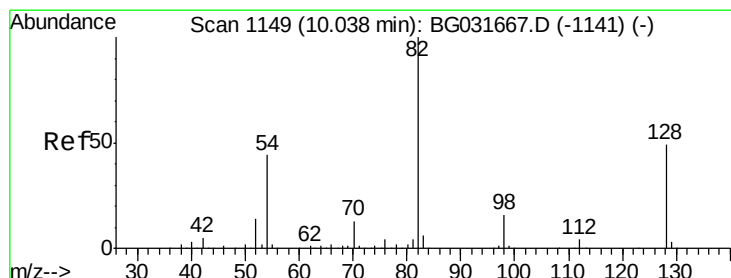
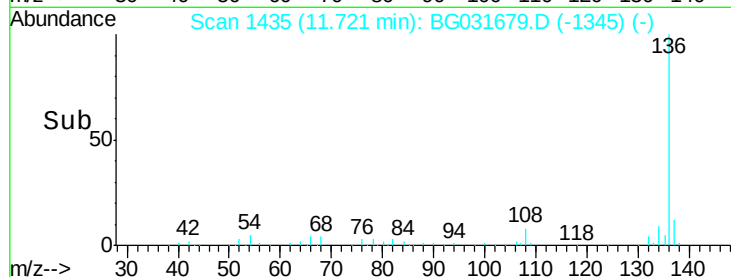
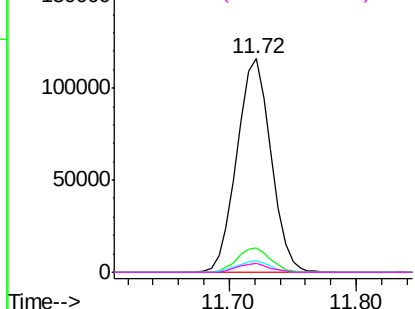
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.72 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BG031679.D
Acq: 21 Dec 2017 18:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	216333
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.2 13.8
54	5.3	10.3 15.5#
68	4.1	4.5 6.7#

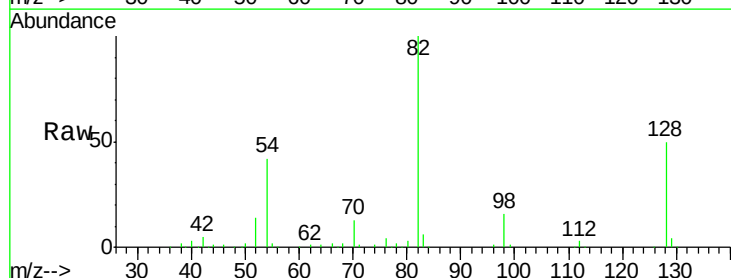


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

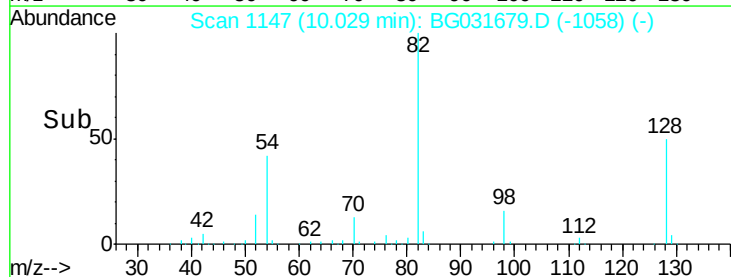
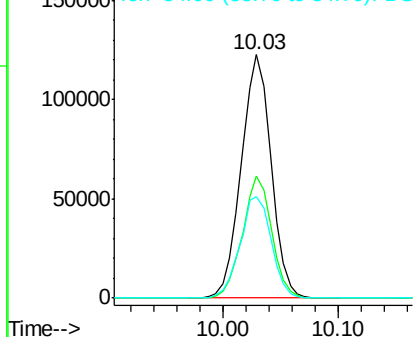


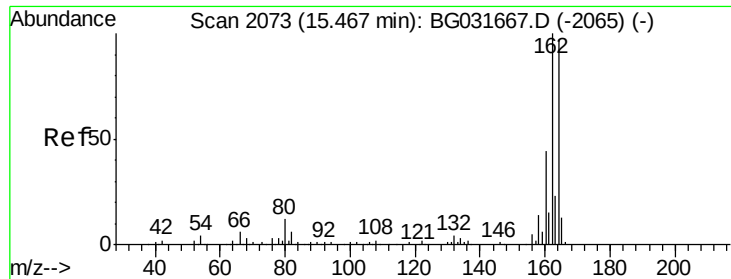
#23
Nitrobenzene-d5
Concen: 77.228 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG031679.D
Acq: 21 Dec 2017 18:44

Tgt Ion: 82	Resp:	221250
Ion Ratio	Lower	Upper
82	100	
128	50.0	29.7 44.5#
54	41.8	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

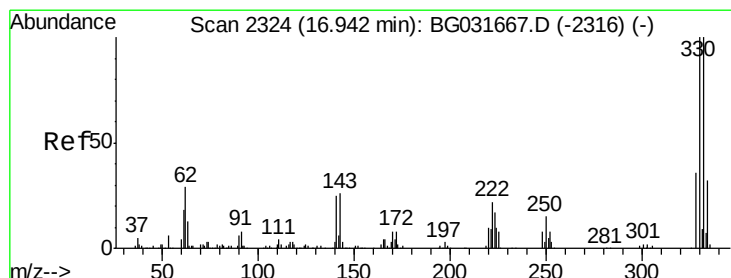
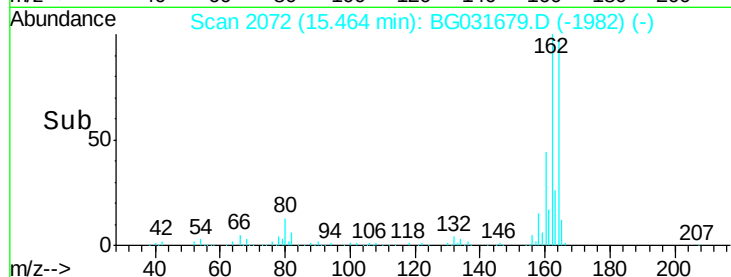
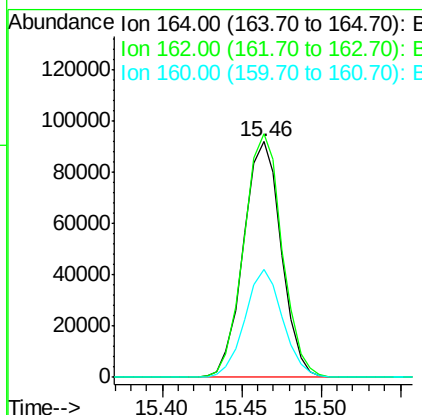
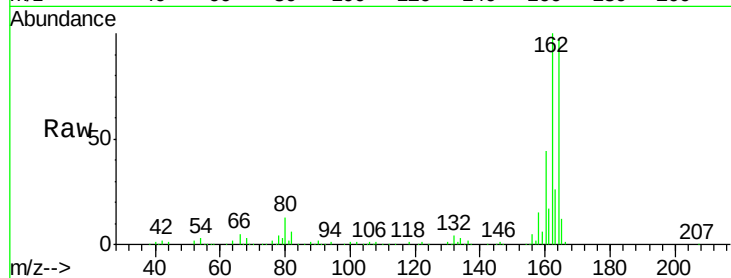




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.46 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BG031679.D
Acq: 21 Dec 2017 18:44

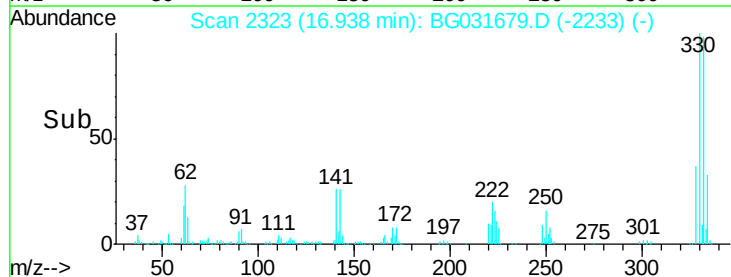
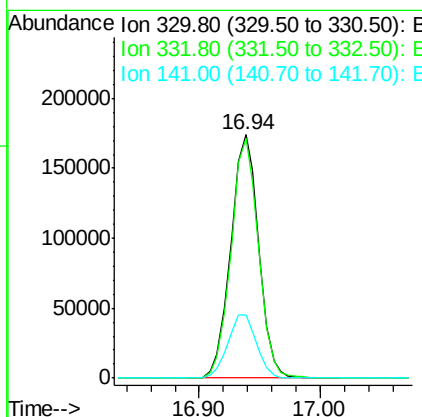
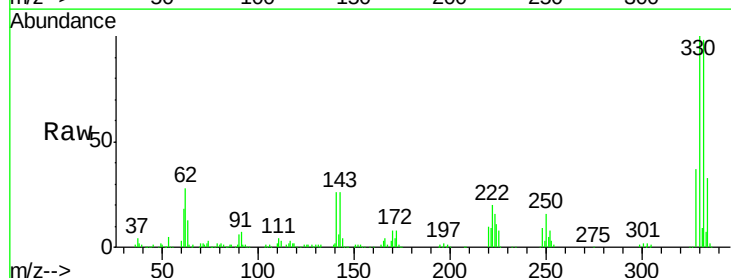
Instrument :
BNA_G
ClientSampleId :

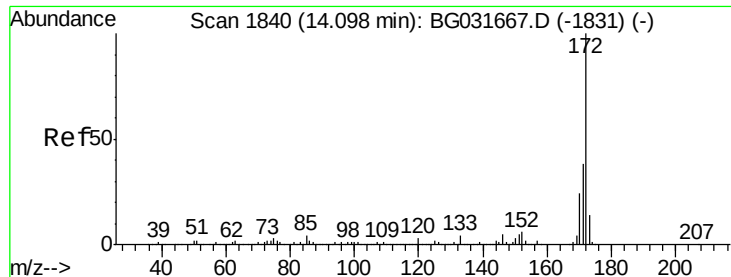
Tot Ion:164 Resp: 152480
Ion Ratio Lower Upper
164 100
162 103.2 78.8 118.2
160 45.8 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 120.177 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.00 min
Lab File: BG031679.D
Acq: 21 Dec 2017 18:44

Tgt Ion:330 Resp: 279608
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 26.8 25.2 37.8

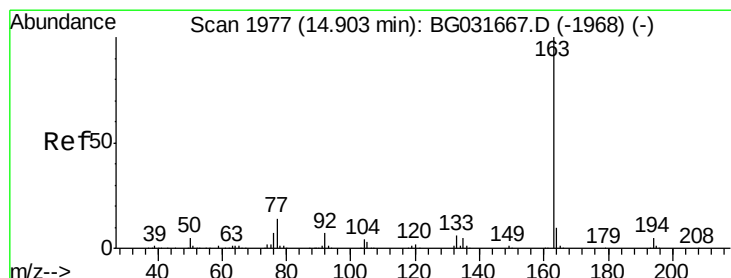
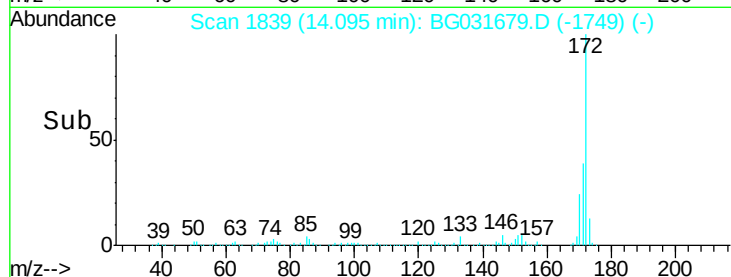
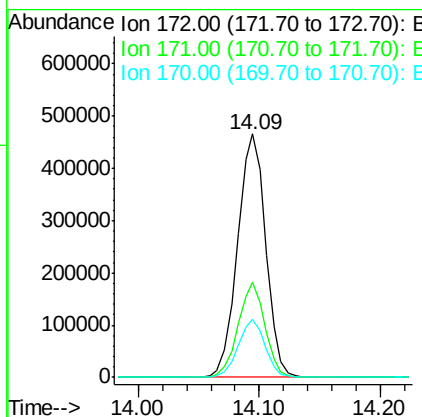
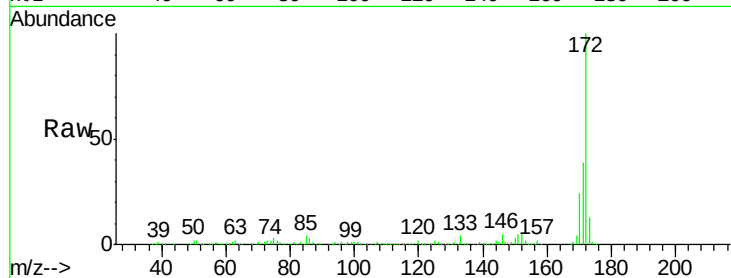




#44
2-Fluorobiphenyl
Concen: 62.071 ng
RT: 14.09 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BG031679.D
Acq: 21 Dec 2017 18:44

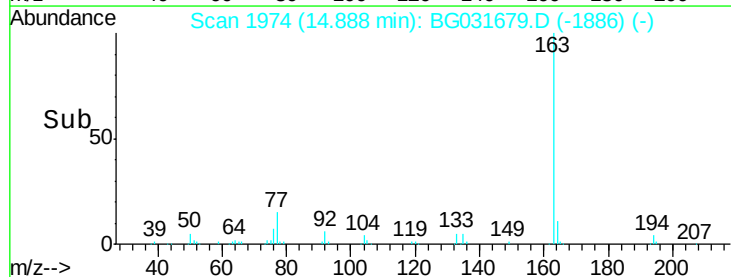
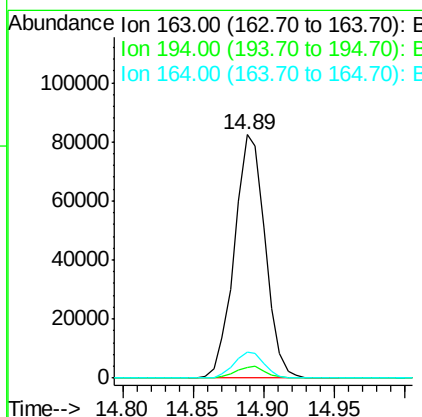
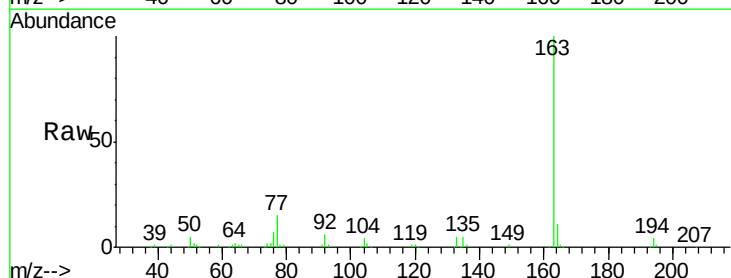
Instrument :
BNA_G
ClientSampleId :

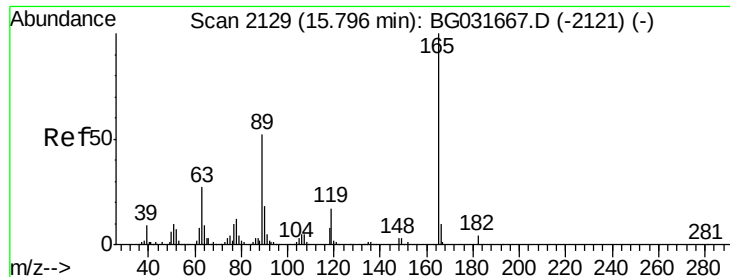
Tot Ion:172 Resp: 754064
Ion Ratio Lower Upper
172 100
171 38.9 30.0 45.0
170 24.0 19.5 29.3



#49
Dimethylphthalate
Concen: 9.304 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG031679.D
Acq: 21 Dec 2017 18:44

Tgt Ion:163 Resp: 124976
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.6 8.2 12.4

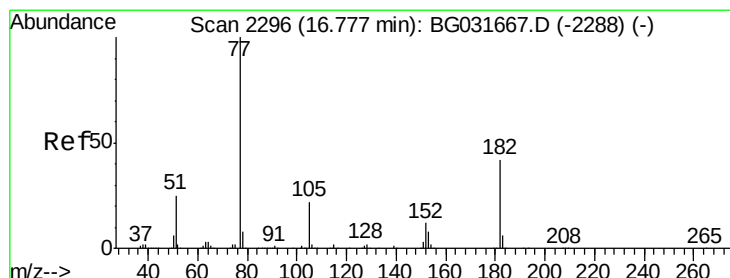
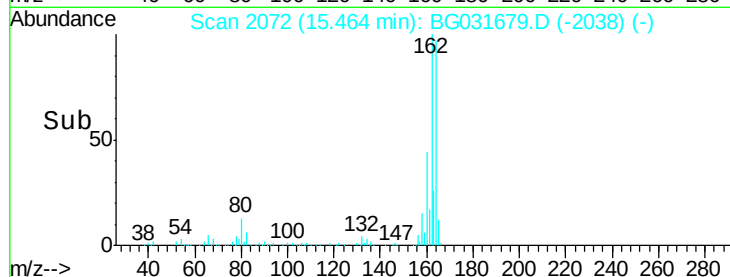
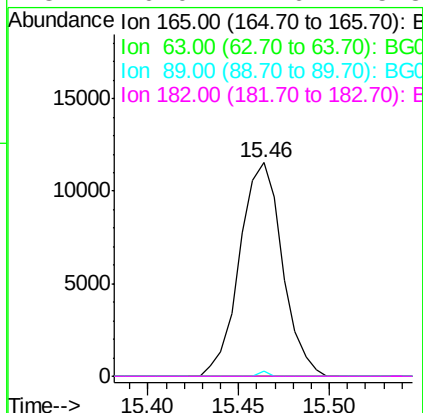
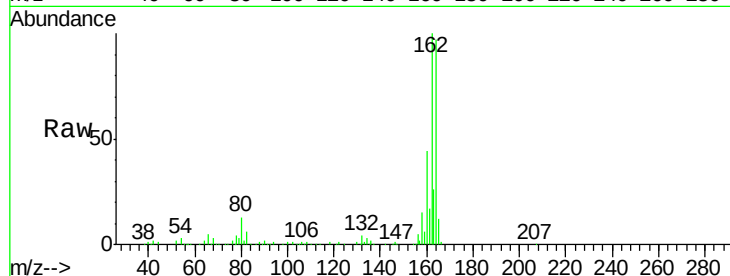




#56
 2,4-Dinitrotoluene
 Concen: 5.954 ng
 RT: 15.46 min Scan# 2072
 Delta R.T. -0.33 min
 Lab File: BG031679.D
 Acq: 21 Dec 2017 18:44

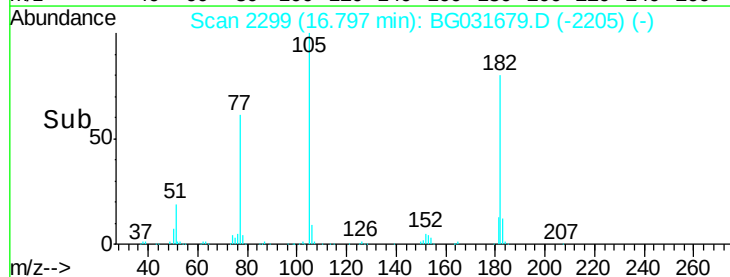
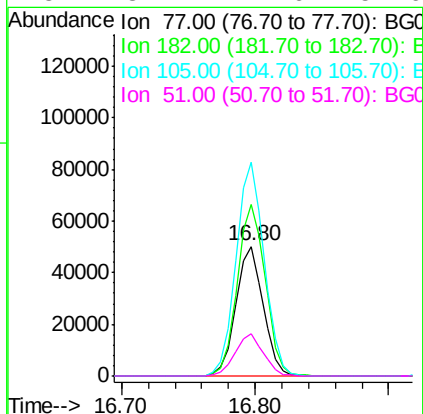
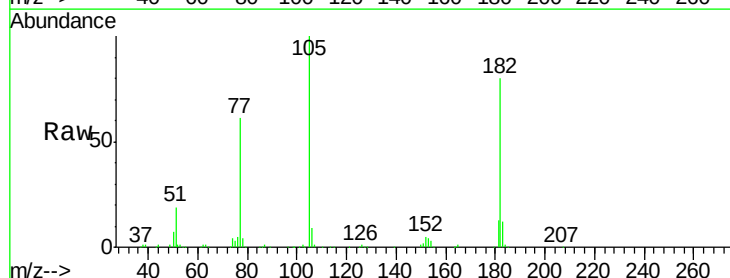
Instrument :
 BNA_G
 ClientSampleId :

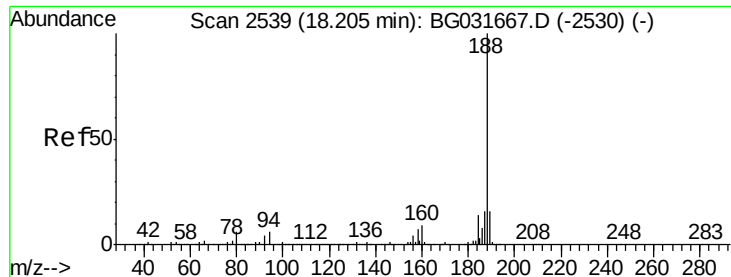
Tot Ion:	165	Resp:	18918
Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.2	66.9	100.3#
182	0.0	2.6	3.8#



#62
 Azobenzene
 Concen: 8.455 ng
 RT: 16.80 min Scan# 2299
 Delta R.T. 0.02 min
 Lab File: BG031679.D
 Acq: 21 Dec 2017 18:44

Tgt Ion:	77	Resp:	70991
Ion	Ratio	Lower	Upper
77	100		
182	132.2	7.4	47.4#
105	165.0	0.3	40.3#
51	32.2	11.6	51.6

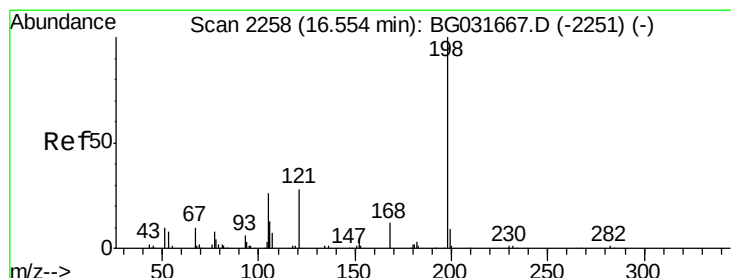
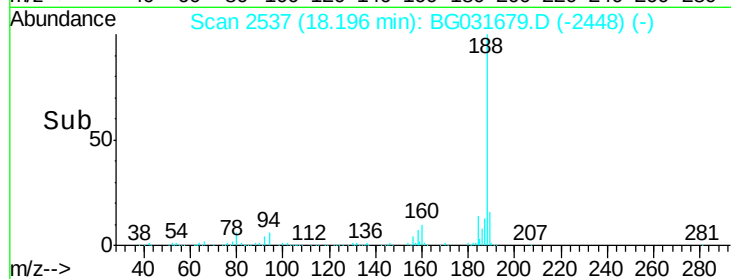
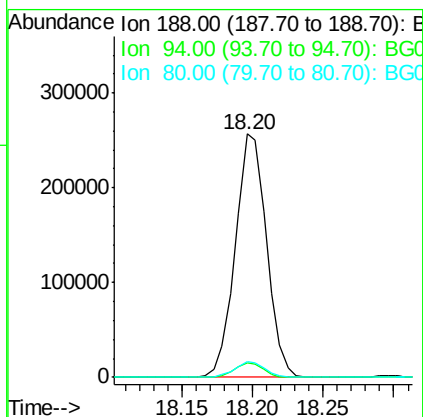
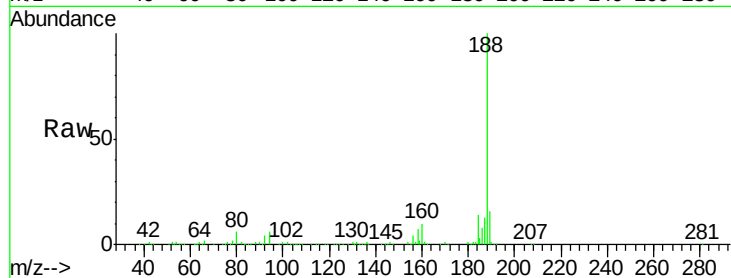




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031679.D
Acq: 21 Dec 2017 18:44

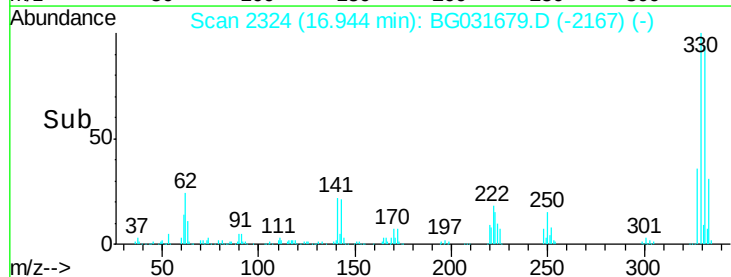
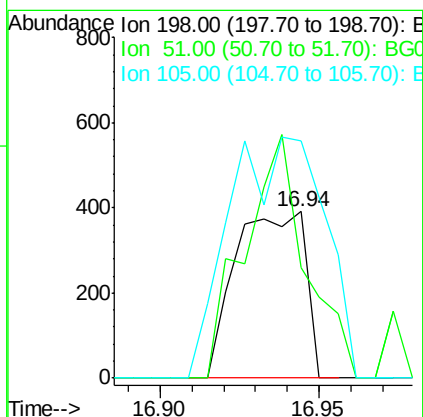
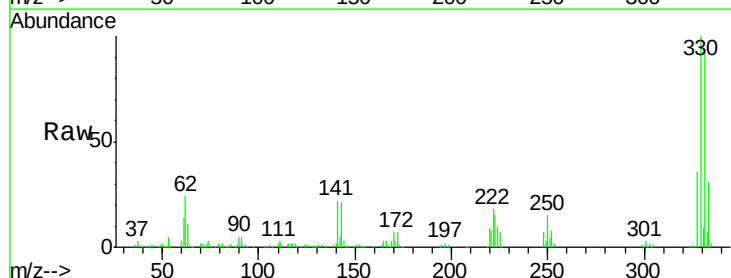
Instrument :
BNA_G
ClientSampleId :

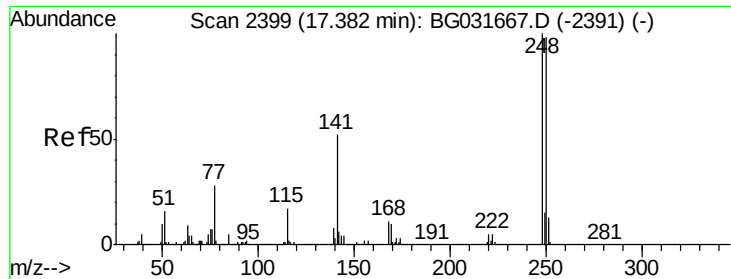
Tot Ion:188 Resp: 395818
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 6.2 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.561 ng
RT: 16.94 min Scan# 2324
Delta R.T. 0.39 min
Lab File: BG031679.D
Acq: 21 Dec 2017 18:44

Tgt Ion:198 Resp: 594
Ion Ratio Lower Upper
198 100
51 66.6 30.6 70.6
105 141.8 23.8 63.8#

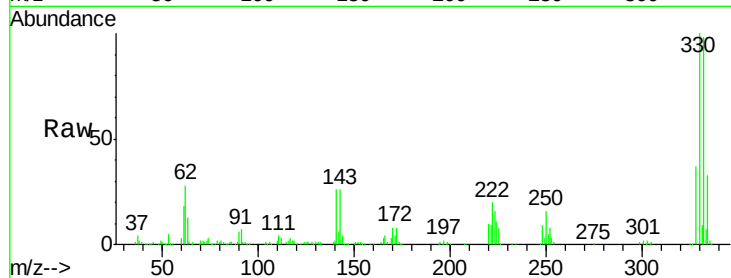




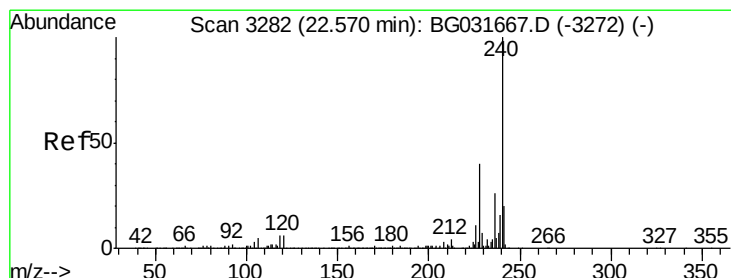
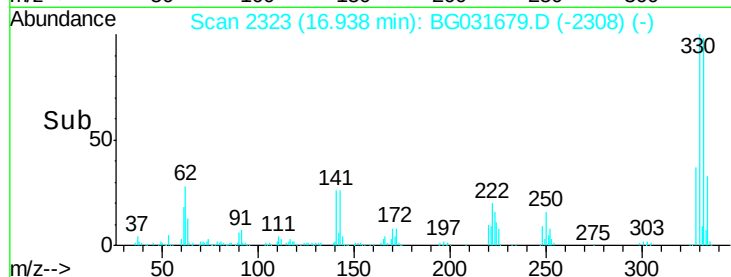
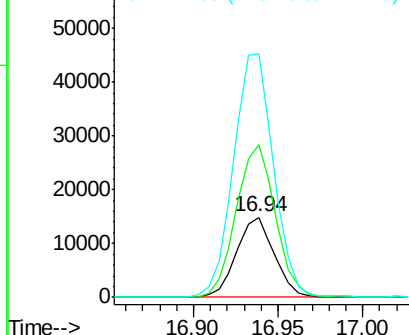
#66
4-Bromophenyl-phenylether
Concen: 4.048 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.44 min
Lab File: BG031679.D
Acq: 21 Dec 2017 18:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 23172
Ion Ratio Lower Upper
248 100
250 191.6 77.1 115.7#
141 304.3 50.8 76.2#

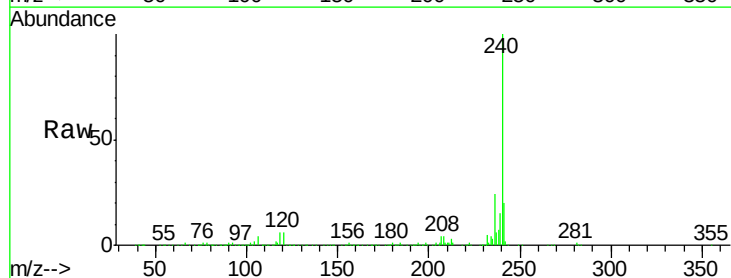


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

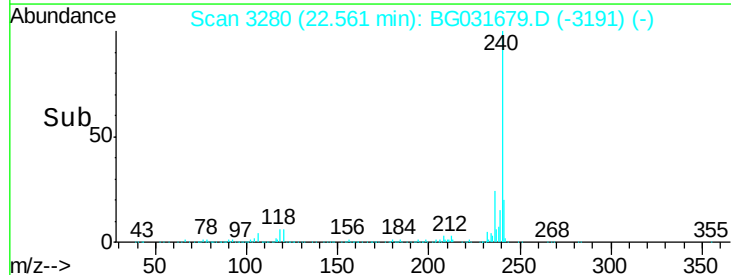
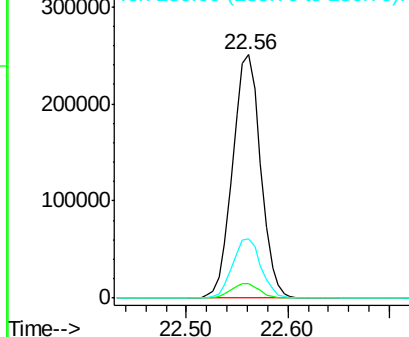


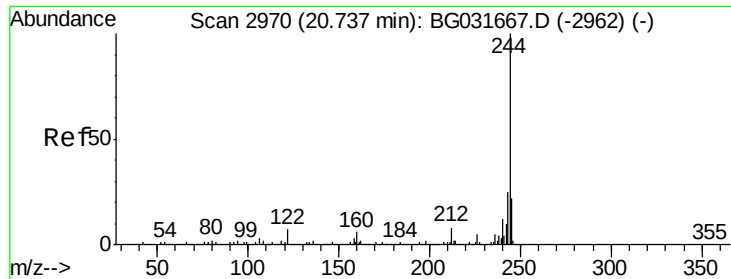
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.01 min
Lab File: BG031679.D
Acq: 21 Dec 2017 18:44

Tgt Ion:240 Resp: 481020
Ion Ratio Lower Upper
240 100
120 5.7 6.8 10.2#
236 24.1 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

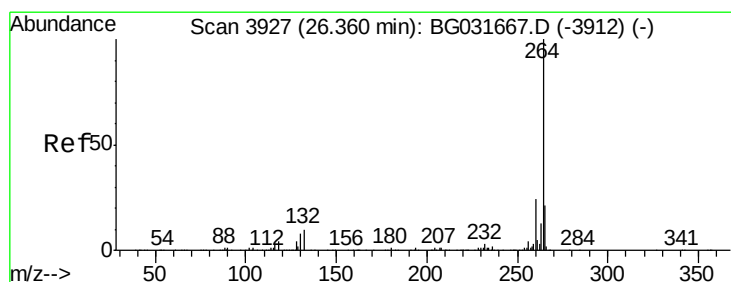
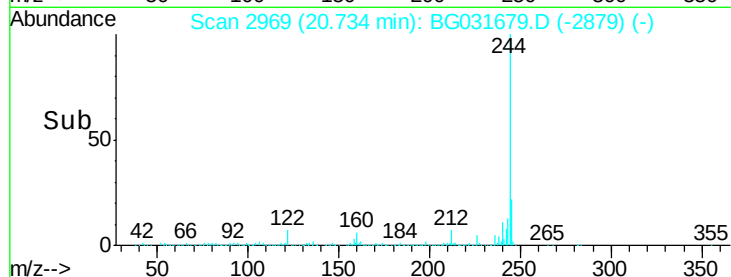
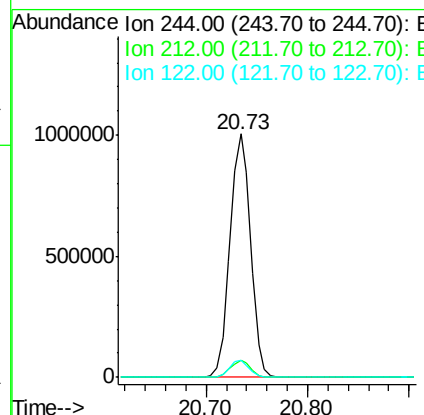
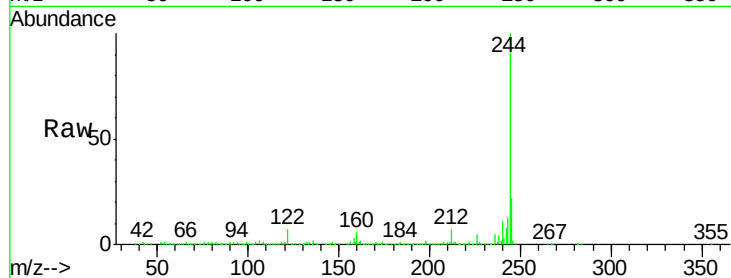




#78
 Terphenyl-d14
 Concen: 67.107 ng
 RT: 20.73 min Scan# 2969
 Delta R.T. -0.00 min
 Lab File: BG031679.D
 Acq: 21 Dec 2017 18:44

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion:244 Resp: 1412900
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 6.8 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.35 min Scan# 3925
 Delta R.T. -0.01 min
 Lab File: BG031679.D
 Acq: 21 Dec 2017 18:44

Tgt Ion:264 Resp: 506125
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.4 26.0
 265 21.9 17.7 26.5

