

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010318\
 Data File : BG031896.D
 Acq On : 3 Jan 2018 18:30
 Operator : SJ/JU
 Sample : I7105-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 04 04:45:30 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

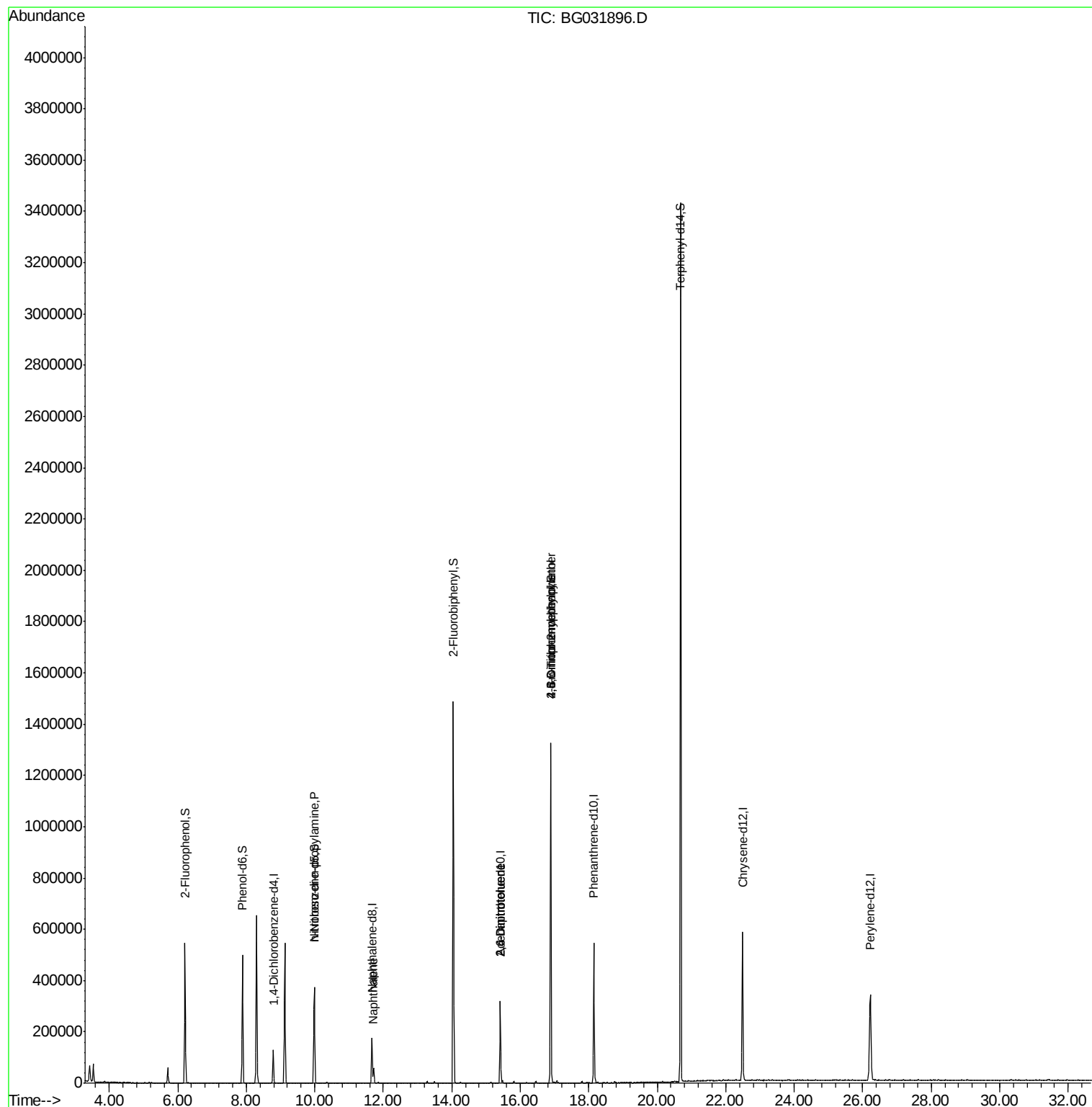
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	45358	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	181761	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	128536	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	368200	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	433404	20.00	ng	-0.02
86) Perylene-d12	26.22	264	449017	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	308340	123.82	ng	0.00
7) Phenol-d6	7.89	99	349261	108.02	ng	0.00
23) Nitrobenzene-d5	9.99	82	250937	104.25	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	330057	168.29	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	894886	87.38	ng	0.00
78) Terphenyl-d14	20.68	244	1837709	96.87	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.98	70	32703	14.810	ng	# 72
31) Naphthalene	11.72	128	56255	6.133	ng	# 97
50) 2,6-Dinitrotoluene	15.41	165	16655	7.995	ng	# 19
56) 2,4-Dinitrotoluene	15.41	165	16655	6.218	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.89	198	841	8.694	ng	# 92
66) 4-Bromophenyl-phenylether	16.89	248	26332	4.946	ng	# 1

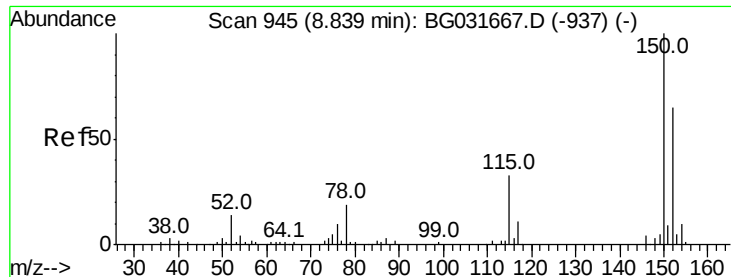
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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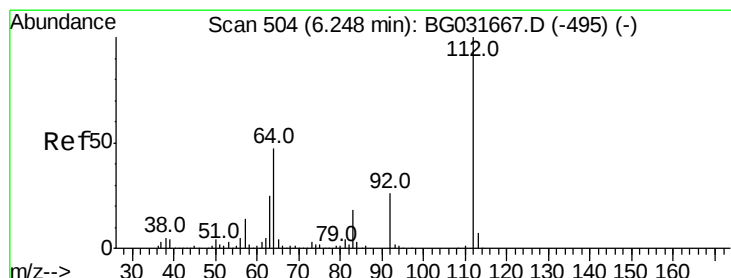
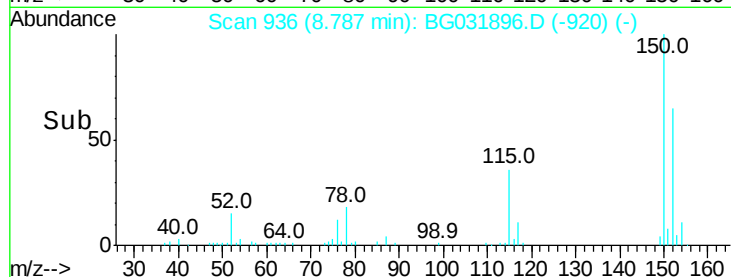
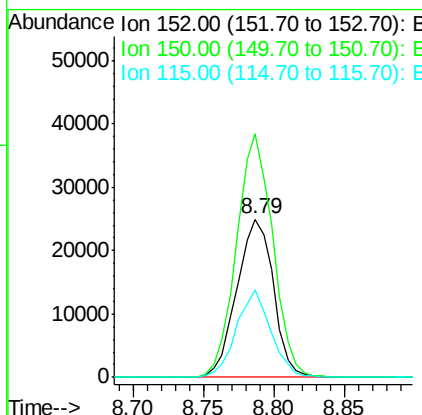
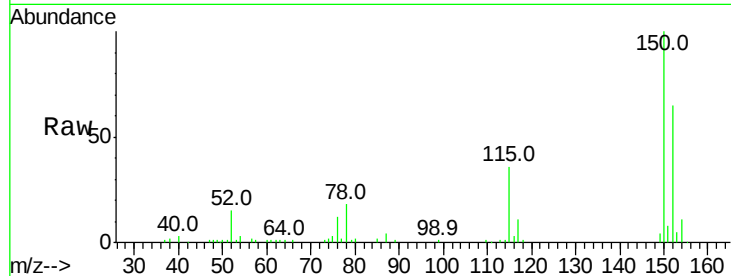


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG031896.D
Acq: 3 Jan 2018 18:30

Instrument :
BNA_G
ClientSampled :

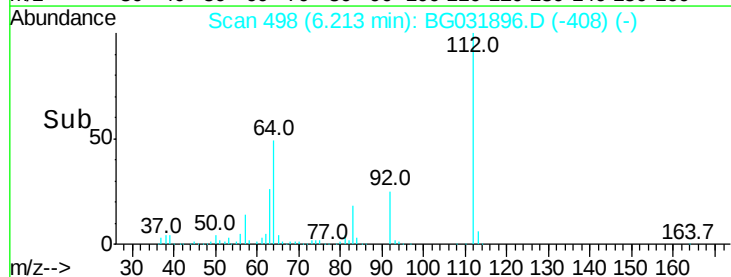
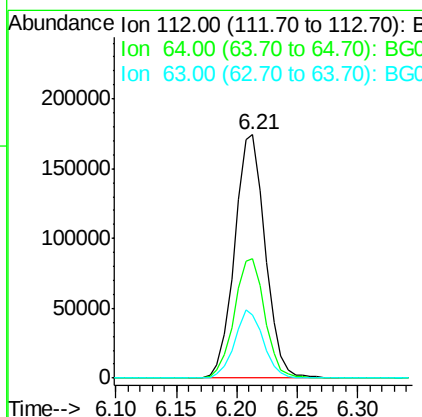
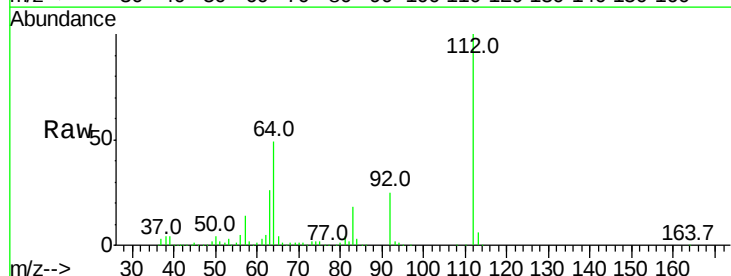
Tot Ion:152 Resp: 45358
Ion Ratio Lower Upper
152 100
150 154.2 126.6 189.8
115 55.1 53.0 79.4



#5

2-Fluorophenol
Concen: 123.816 ng
RT: 6.21 min Scan# 498
Delta R.T. -0.00 min
Lab File: BG031896.D
Acq: 3 Jan 2018 18:30

Tgt Ion:112 Resp: 308340
Ion Ratio Lower Upper
112 100
64 49.1 56.3 84.5#
63 25.9 30.1 45.1#





#7

Phenol-d6

Concen: 108.022 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.01 min

Lab File: BG031896.D

Acq: 3 Jan 2018 18:30

Instrument :

BNA_G

ClientSampleId :

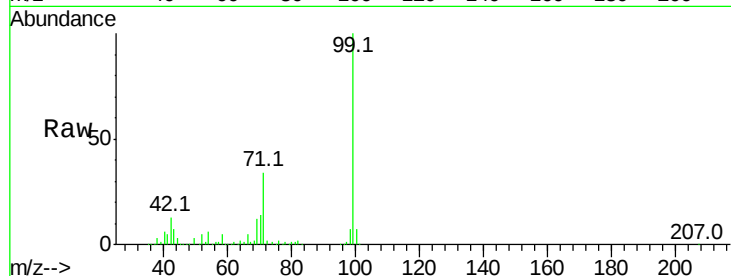
Tot Ion: 99 Resp: 349261

Ion Ratio Lower Upper

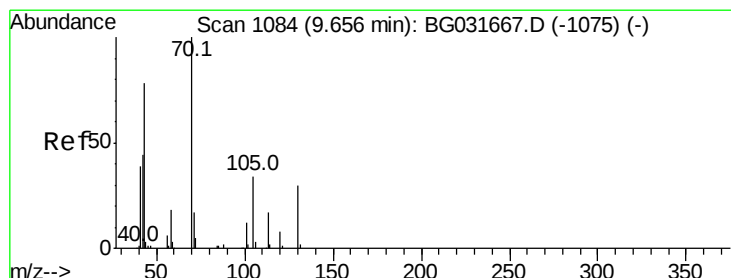
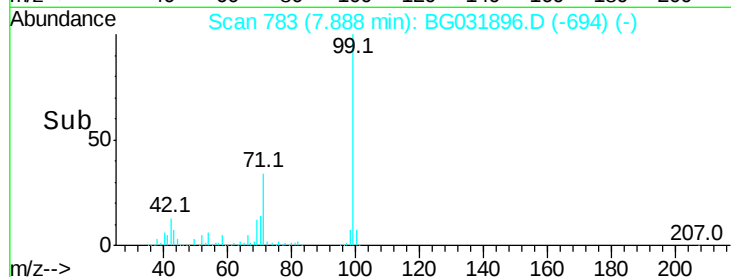
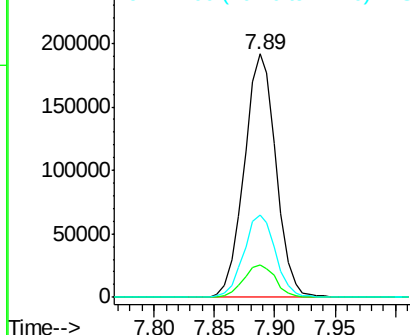
99 100

42 13.1 14.1 21.1#

71 34.0 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: 14.810 ng

RT: 9.98 min Scan# 1139

Delta R.T. 0.38 min

Lab File: BG031896.D

Acq: 3 Jan 2018 18:30

Tgt Ion: 70 Resp: 32703

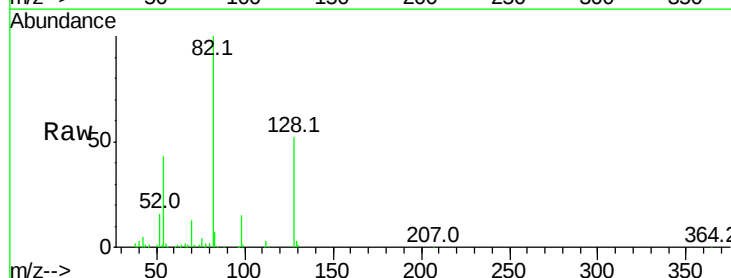
Ion Ratio Lower Upper

70 100

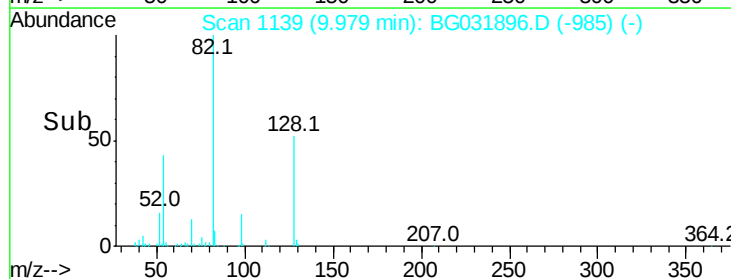
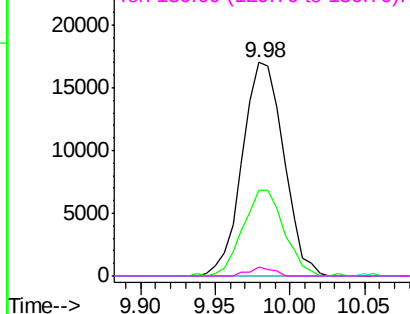
42 39.9 49.1 73.7#

101 0.0 8.5 12.7#

130 4.1 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

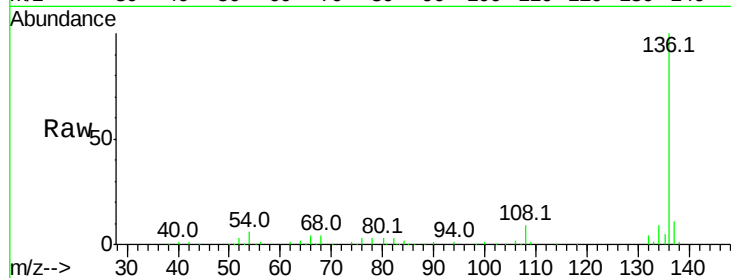




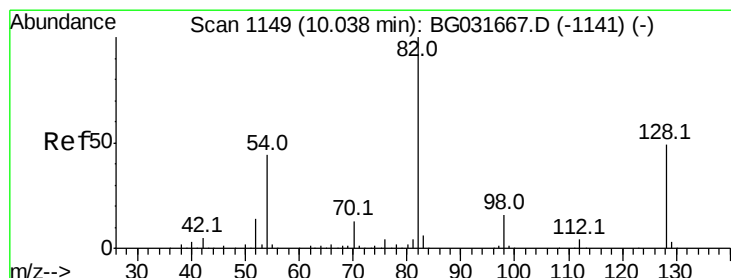
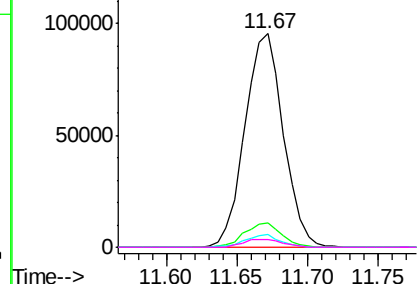
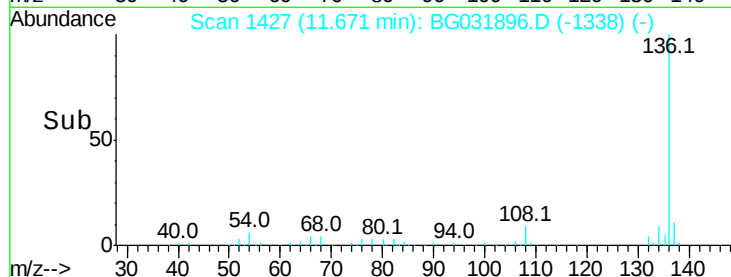
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BG031896.D
Acq: 3 Jan 2018 18:30

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	5.9	10.3	15.5#
68	3.5	4.5	6.7#

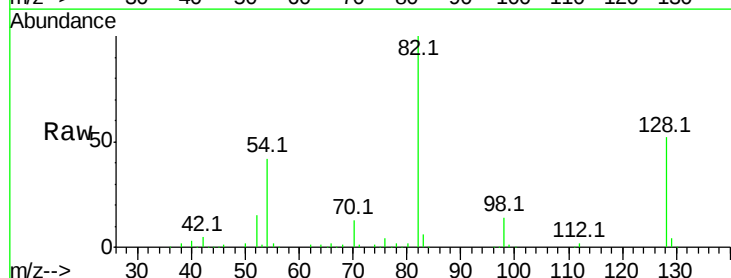


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

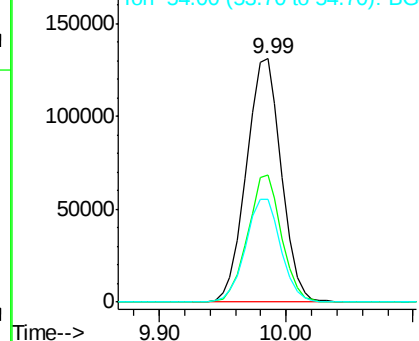
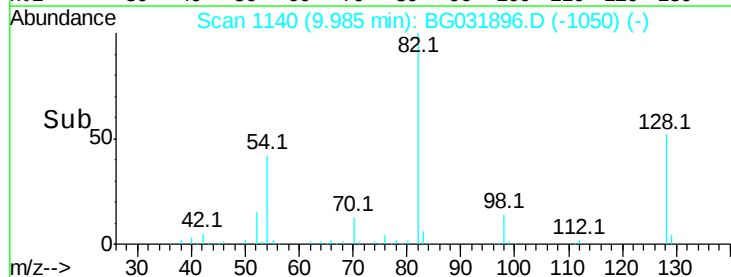


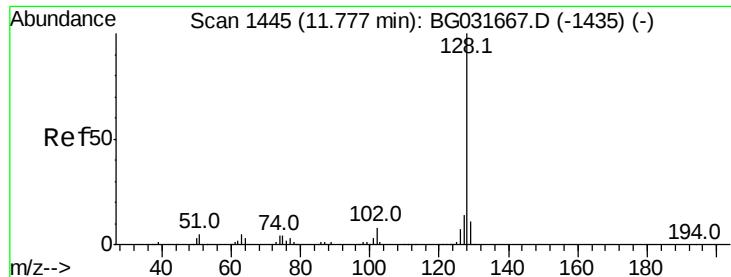
#23
Nitrobenzene-d5
Concen: 104.251 ng
RT: 9.99 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BG031896.D
Acq: 3 Jan 2018 18:30

Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.5	29.7	44.5#
54	42.1	43.1	64.7#



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

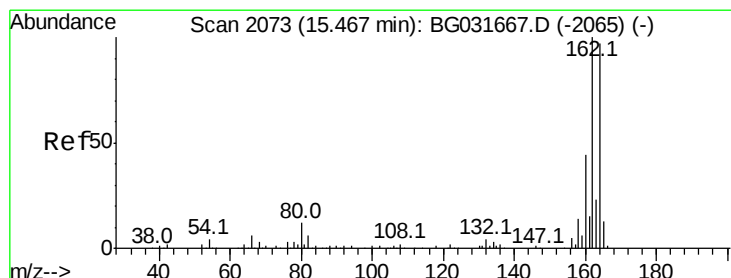
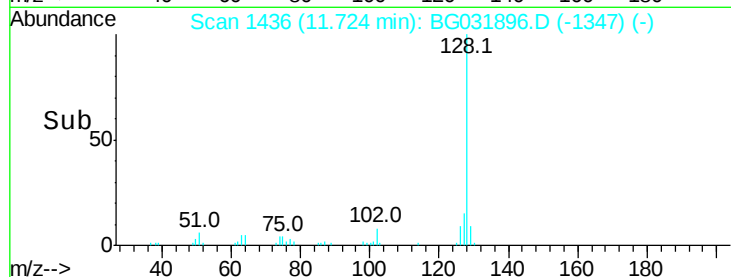
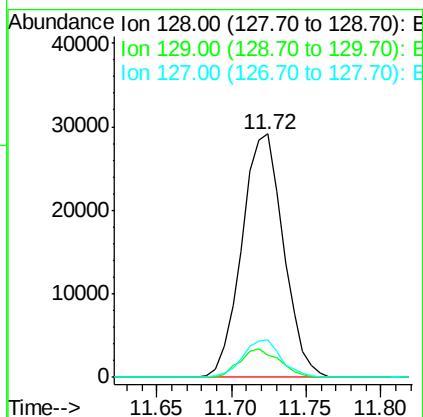
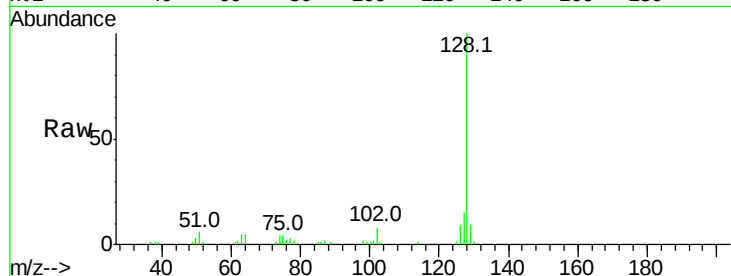




#31
Naphthalene
Concen: 6.133 ng
RT: 11.72 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BG031896.D
Acq: 3 Jan 2018 18:30

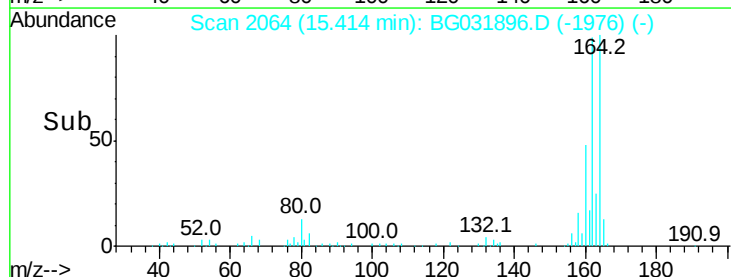
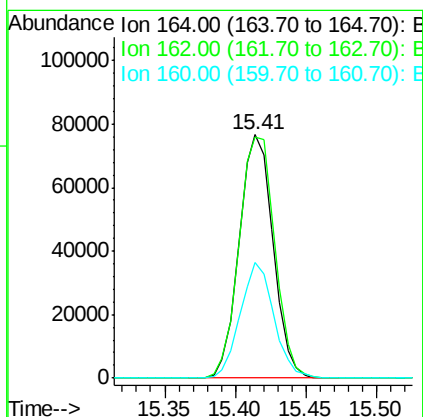
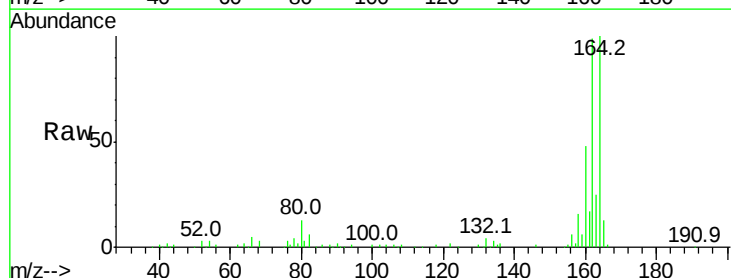
Instrument :
BNA_G
ClientSampleId :

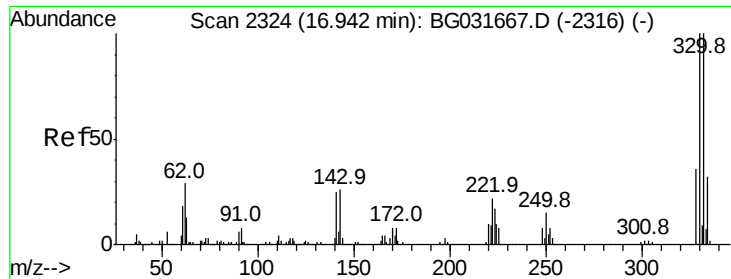
Tot Ion:128 Resp: 56255
Ion Ratio Lower Upper
128 100
129 9.3 8.6 12.8
127 15.2 11.6 17.4



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.41 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BG031896.D
Acq: 3 Jan 2018 18:30

Tgt Ion:164 Resp: 128536
Ion Ratio Lower Upper
164 100
162 99.1 78.8 118.2
160 47.5 35.4 53.0

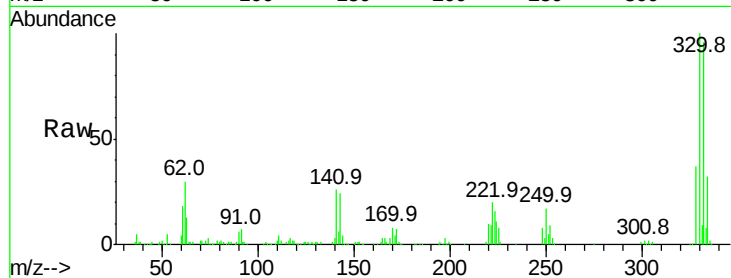




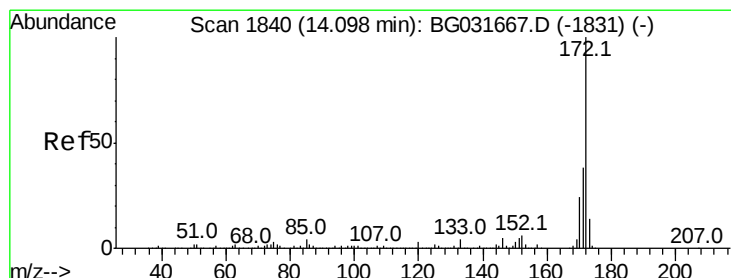
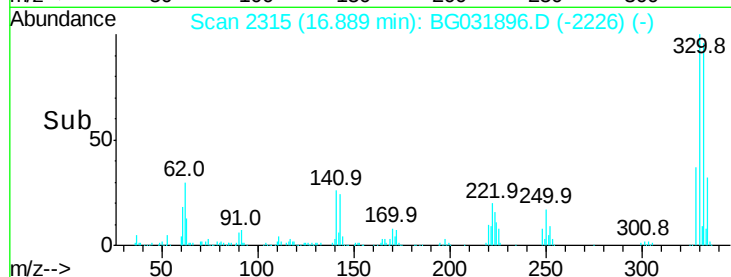
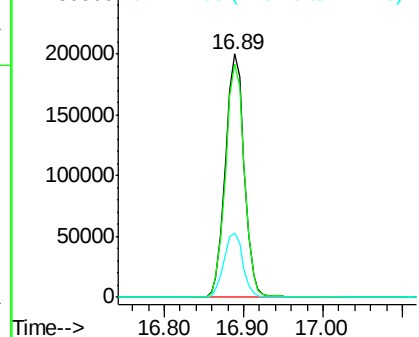
#41
 2,4,6-Tribromophenol
 Concen: 168.286 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BG031896.D
 Acq: 3 Jan 2018 18:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	26.6	25.2	37.8

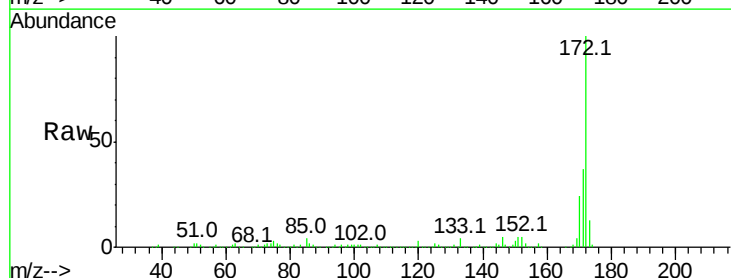


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

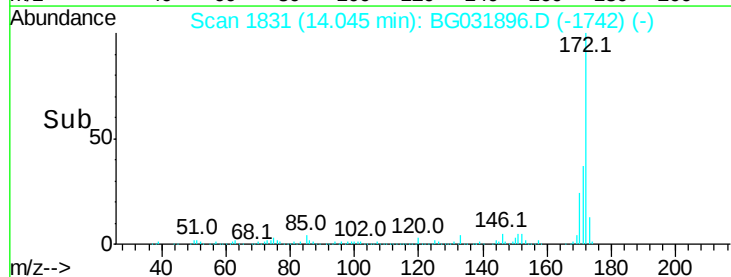
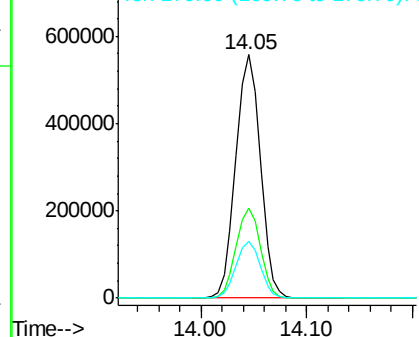


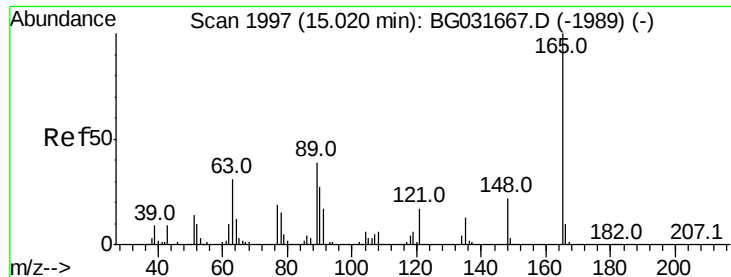
#44
 2-Fluorobiphenyl
 Concen: 87.384 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BG031896.D
 Acq: 3 Jan 2018 18:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	23.6	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

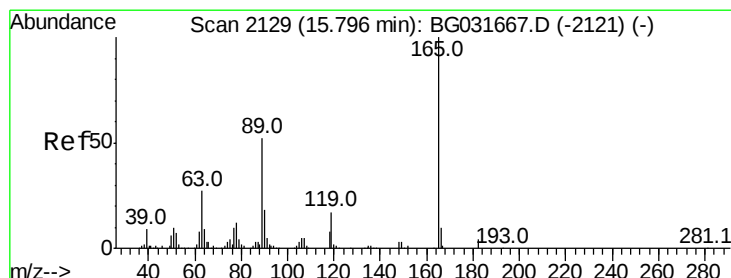
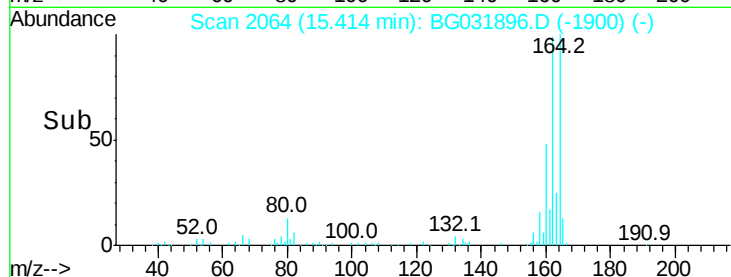
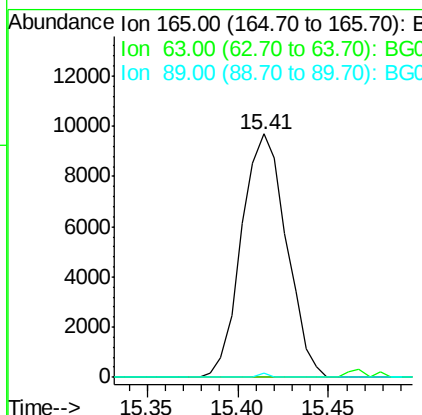
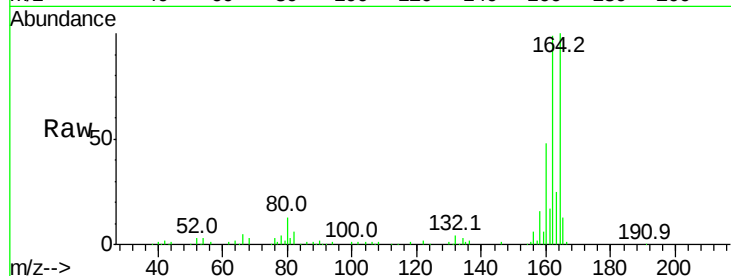




#50
 2,6-Dinitrotoluene
 Concen: 7.995 ng
 RT: 15.41 min Scan# 2064
 Delta R.T. 0.43 min
 Lab File: BG031896.D
 Acq: 3 Jan 2018 18:30

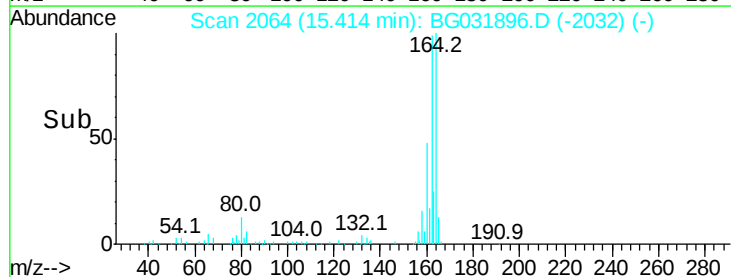
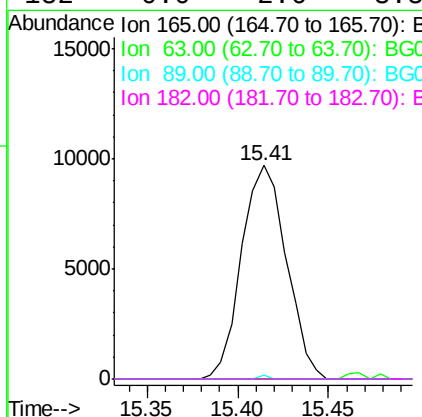
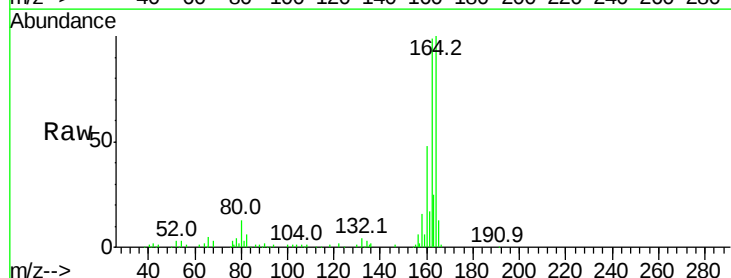
Instrument :
 BNA_G
 ClientSampleId :

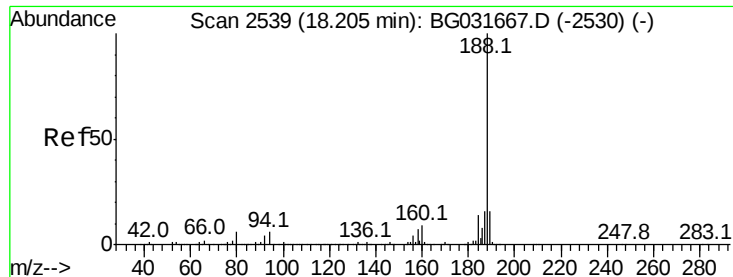
Tot Ion:165 Resp: 16655
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 1.8 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 6.218 ng
 RT: 15.41 min Scan# 2064
 Delta R.T. -0.34 min
 Lab File: BG031896.D
 Acq: 3 Jan 2018 18:30

Tgt Ion:165 Resp: 16655
 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#

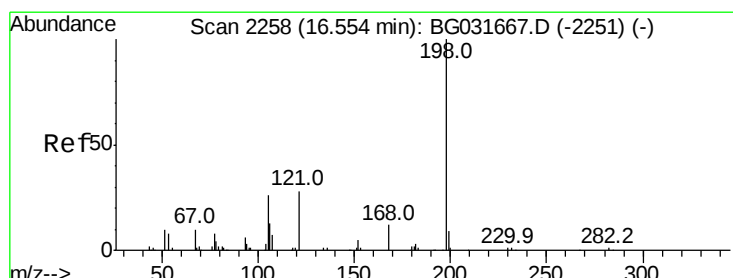
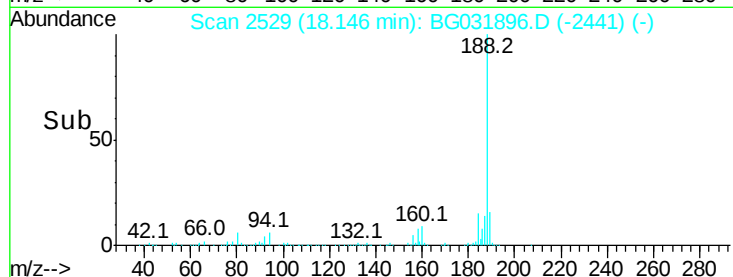
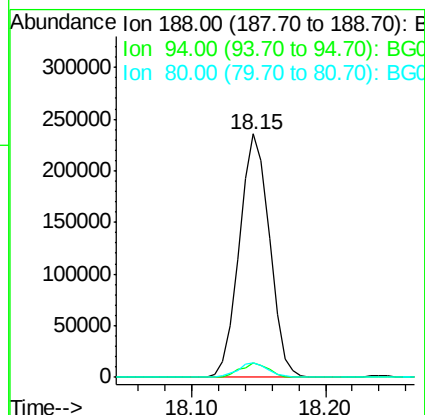
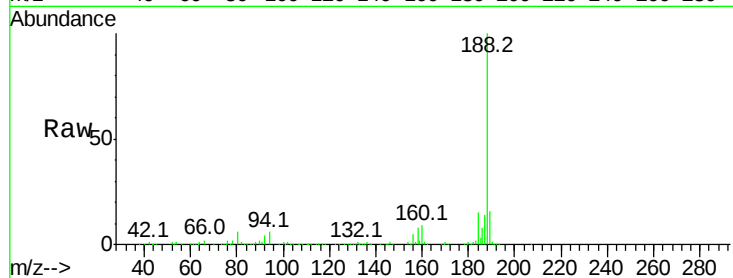




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BG031896.D
Acq: 3 Jan 2018 18:30

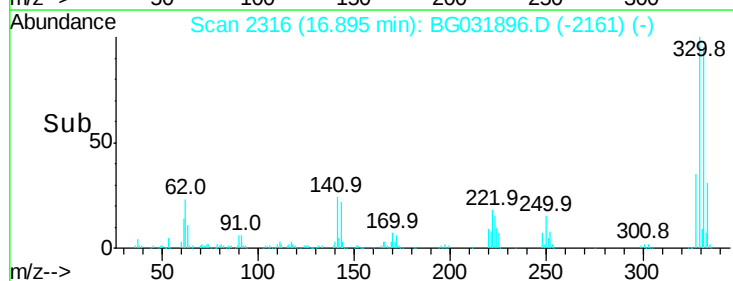
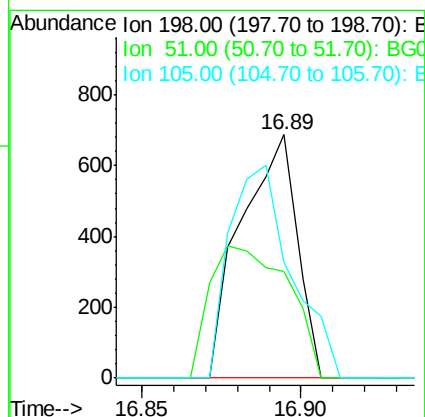
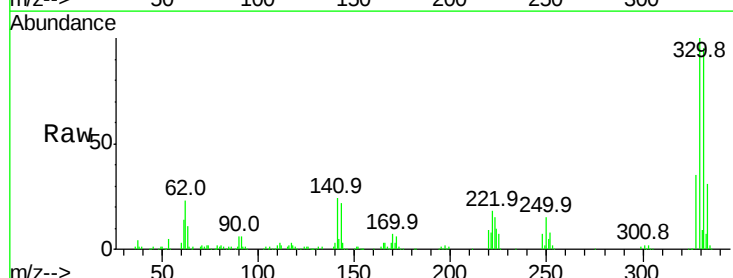
Instrument :
BNA_G
ClientSampleId :

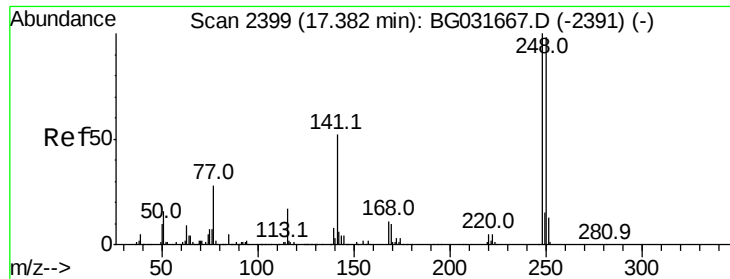
Tot Ion:188 Resp: 368200
Ion Ratio Lower Upper
188 100
94 5.8 6.9 10.3#
80 6.0 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.694 ng
RT: 16.89 min Scan# 2316
Delta R.T. 0.38 min
Lab File: BG031896.D
Acq: 3 Jan 2018 18:30

Tgt Ion:198 Resp: 841
Ion Ratio Lower Upper
198 100
51 43.6 30.6 70.6
105 47.4 23.8 63.8

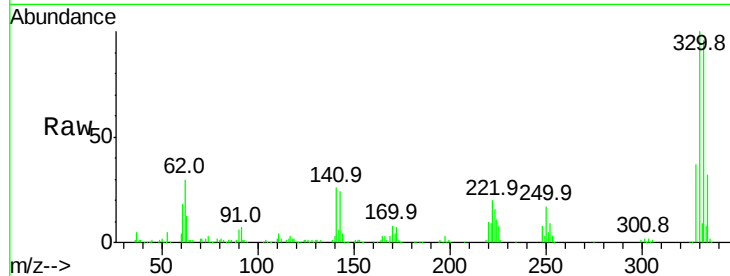




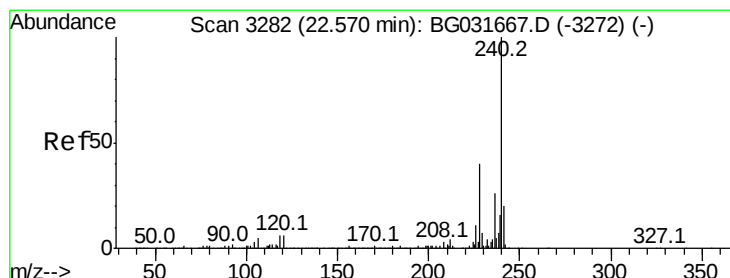
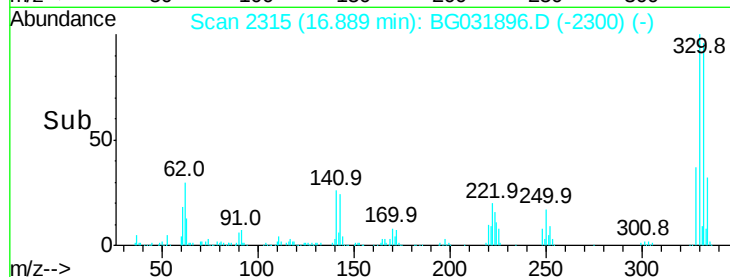
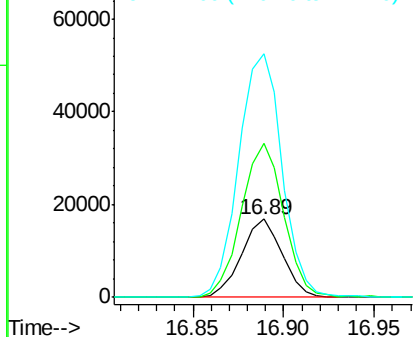
#66
 4-Bromophenyl-phenylether
 Concen: 4.946 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.44 min
 Lab File: BG031896.D
 Acq: 3 Jan 2018 18:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 26332
 Ion Ratio Lower Upper
 248 100
 250 197.1 77.1 115.7#
 141 312.6 50.8 76.2#

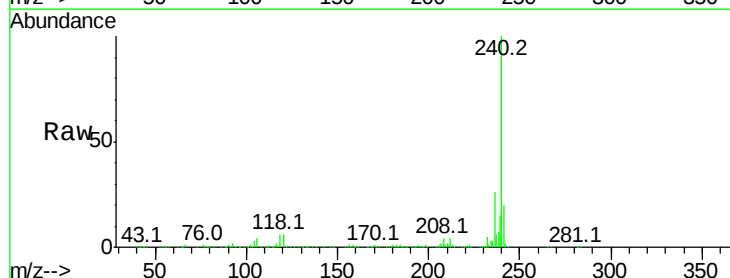


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

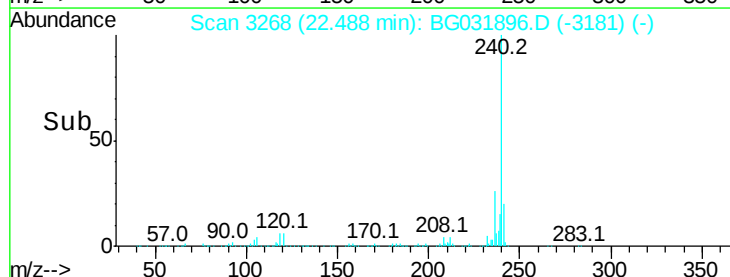
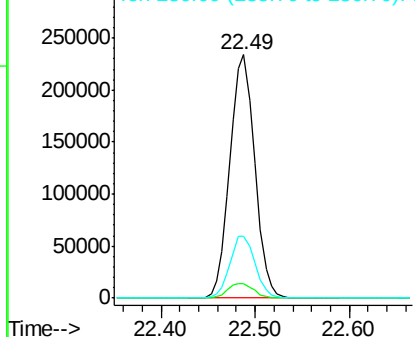


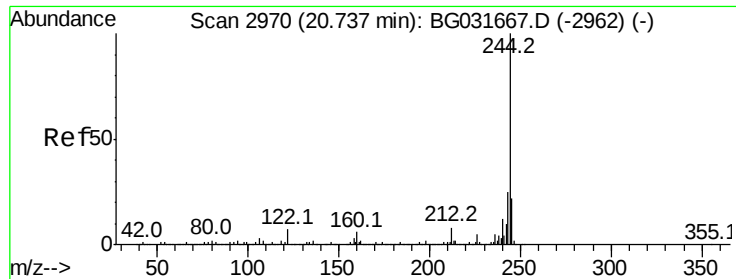
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.49 min Scan# 3268
 Delta R.T. -0.02 min
 Lab File: BG031896.D
 Acq: 3 Jan 2018 18:30

Tgt Ion:240 Resp: 433404
 Ion Ratio Lower Upper
 240 100
 120 6.2 6.8 10.2#
 236 25.6 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



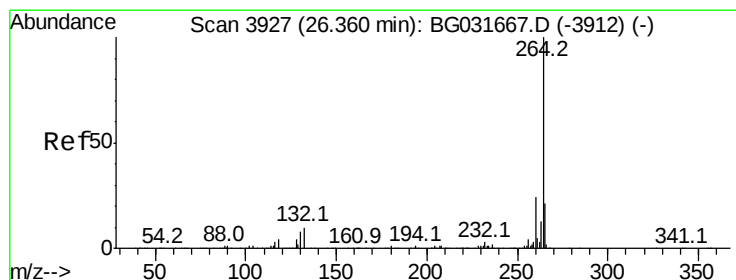
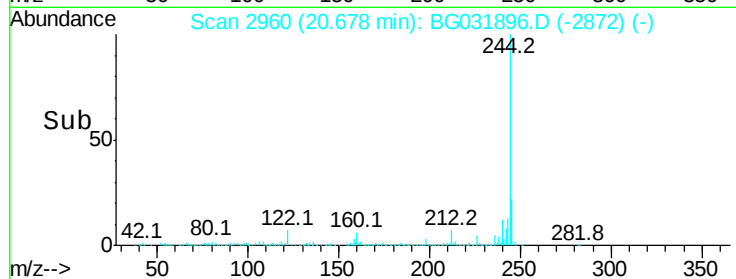
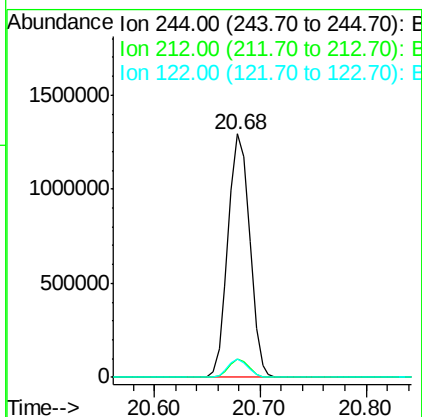
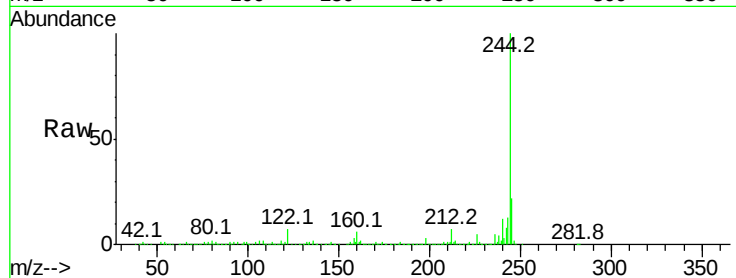


#78
 Terphenyl-d14
 Concen: 96.873 ng
 RT: 20.68 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BG031896.D
 Acq: 3 Jan 2018 18:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1837709

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	7.3	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.22 min Scan# 3903
 Delta R.T. -0.04 min
 Lab File: BG031896.D
 Acq: 3 Jan 2018 18:30

Tgt Ion:264 Resp: 449017

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	21.3	17.7	26.5

