

Data Path : U:\HPCHEM1\BNA G\DATA\BG011518\
 Data File : BG032046.D
 Acq On : 15 Jan 2018 23:51
 Operator : SJ/JU
 Sample : J1118-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 16 03:08:55 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

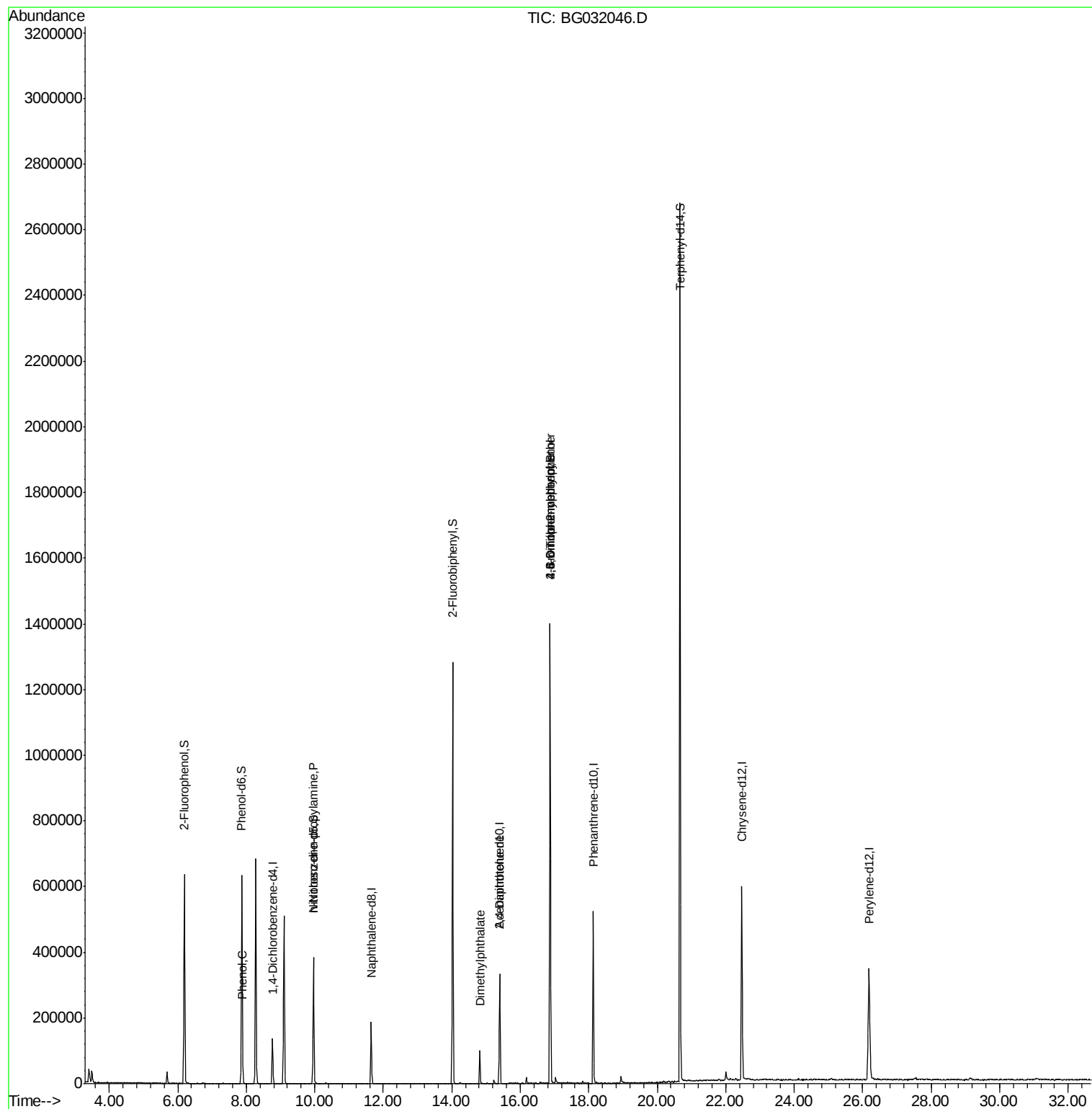
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	46321	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	185693	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	132350	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	367682	20.00	ng	-0.01
75) Chrysene-d12	22.47	240	456442	20.00	ng	-0.02
86) Perylene-d12	26.19	264	472351	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.19	112	332631	131.34	ng	0.00
7) Phenol-d6	7.87	99	422897	132.58	ng	0.00
23) Nitrobenzene-d5	9.96	82	241322	87.92	ng	-0.01
41) 2,4,6-Tribromophenol	16.87	330	306211	139.82	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	781153	73.18	ng	0.00
78) Terphenyl-d14	20.66	244	1465632	70.90	ng	-0.01
Target Compounds						
10) Phenol	7.90	94	10720	3.412	ng	84
19) n-Nitroso-di-n-propylamine	9.96	70	33820	17.089	ng	# 73
49) Dimethylphthalate	14.82	163	77923	6.728	ng	# 99
56) 2,4-Dinitrotoluene	15.40	165	16547	5.113	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.87	198	995	5.264	ng	# 46
66) 4-Bromophenyl-phenylether	16.87	248	25836	4.939	ng	# 1

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

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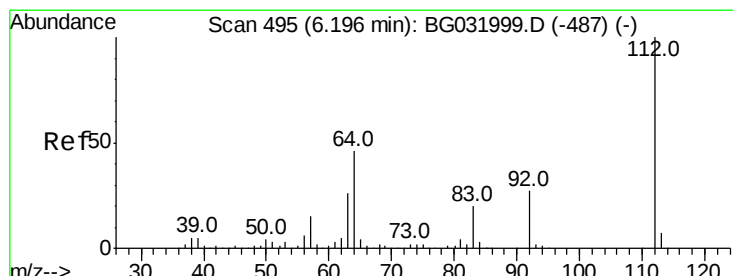
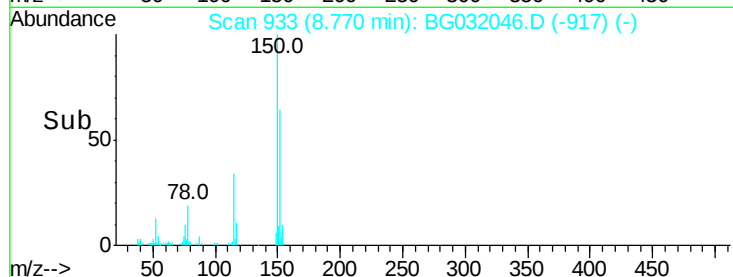
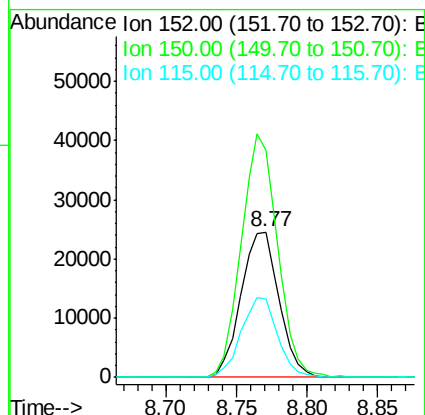
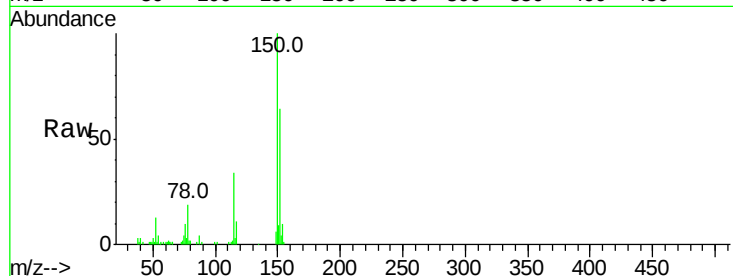


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 933
Delta R.T. -0.00 min
Lab File: BG032046.D
Acq: 15 Jan 2018 23:51

Instrument :
BNA_G
ClientSampleId :

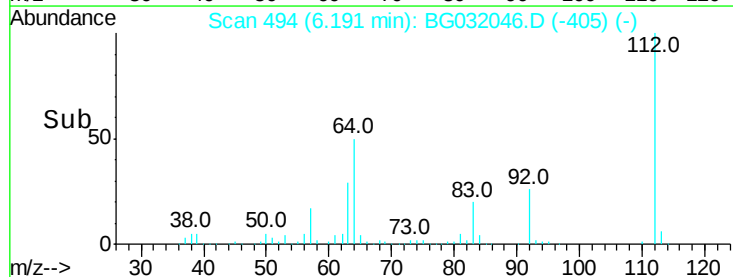
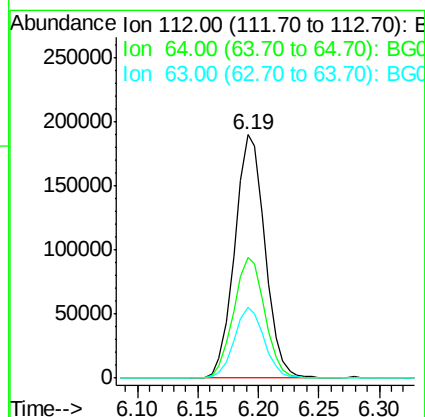
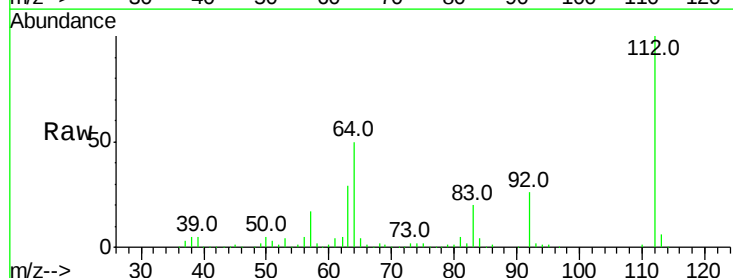
Tot Ion:152 Resp: 46321
Ion Ratio Lower Upper
152 100
150 156.5 126.6 189.8
115 53.7 53.0 79.4

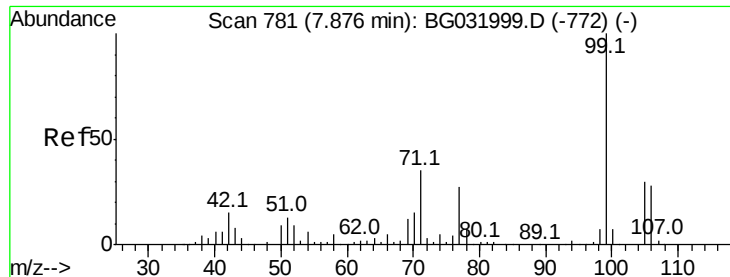


#5

2-Fluorophenol
Concen: 131.336 ng
RT: 6.19 min Scan# 494
Delta R.T. -0.00 min
Lab File: BG032046.D
Acq: 15 Jan 2018 23:51

Tgt Ion:112 Resp: 332631
Ion Ratio Lower Upper
112 100
64 49.7 56.3 84.5#
63 29.2 30.1 45.1#





#7

Phenol-d6

Concen: 132.580 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG032046.D

Acq: 15 Jan 2018 23:51

Instrument :

BNA_G

ClientSampleId :

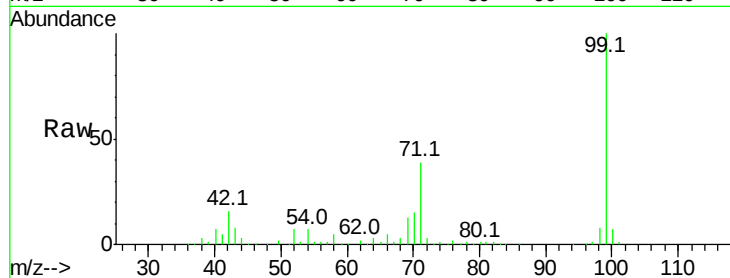
Tot Ion: 99 Resp: 422897

Ion Ratio Lower Upper

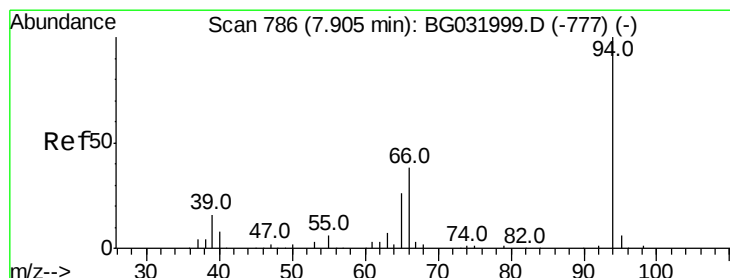
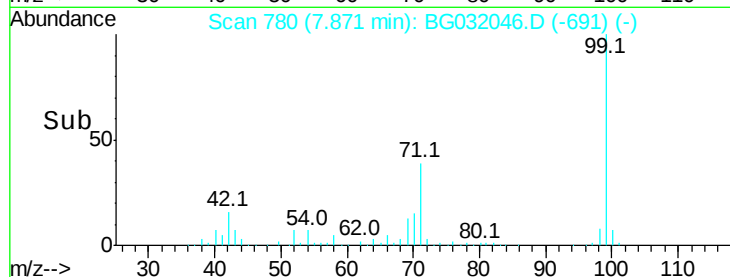
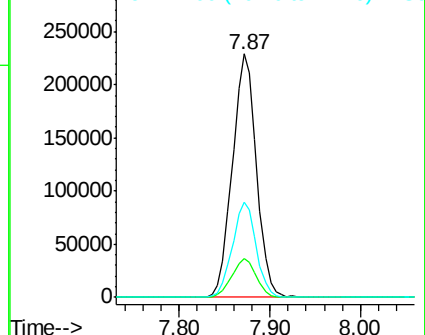
99 100

42 15.7 14.1 21.1

71 39.3 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: 3.412 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.00 min

Lab File: BG032046.D

Acq: 15 Jan 2018 23:51

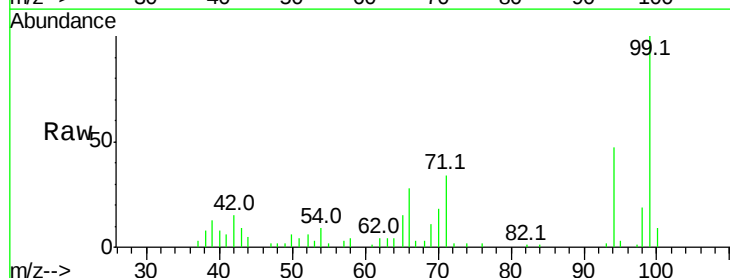
Tgt Ion: 94 Resp: 10720

Ion Ratio Lower Upper

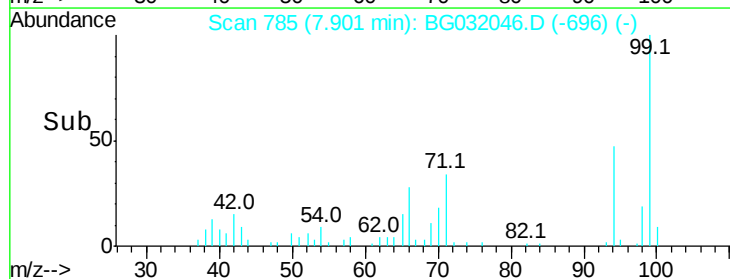
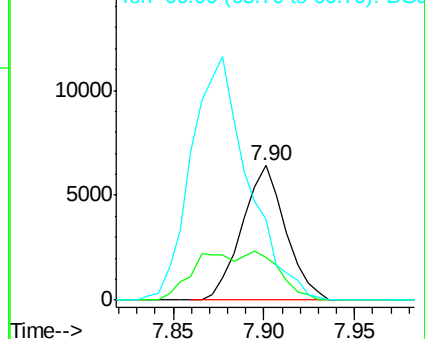
94 100

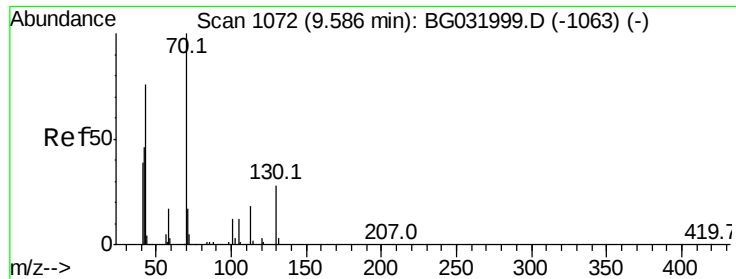
65 32.1 11.9 51.9

66 60.2 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

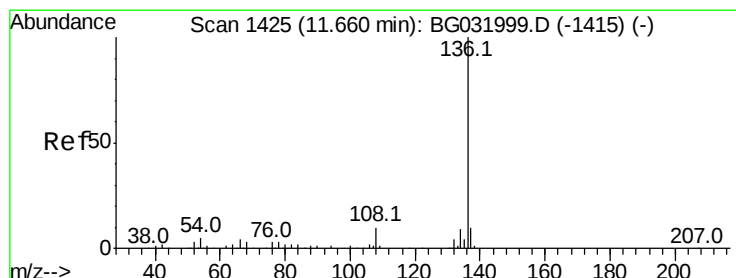
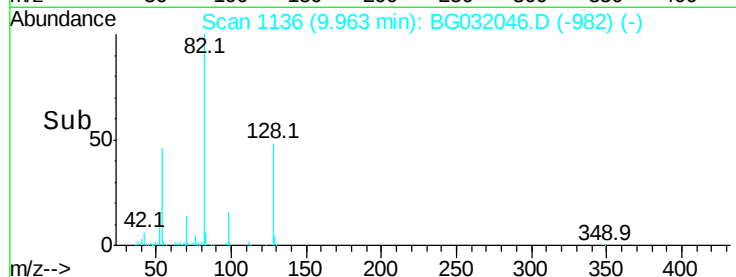
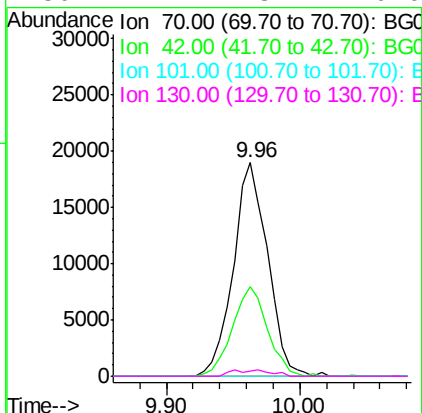
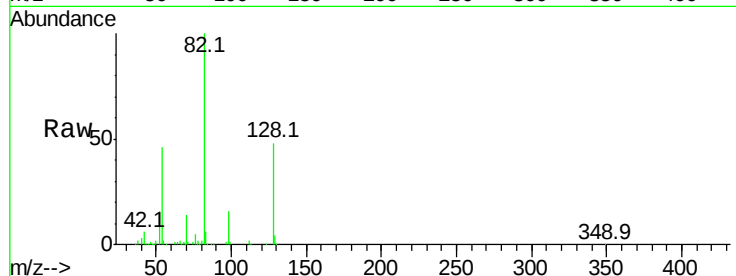




#19
n-Nitroso-di-n-propylamine
Concen: 17.089 ng
RT: 9.96 min Scan# 1136
Delta R.T. 0.38 min
Lab File: BG032046.D
Acq: 15 Jan 2018 23:51

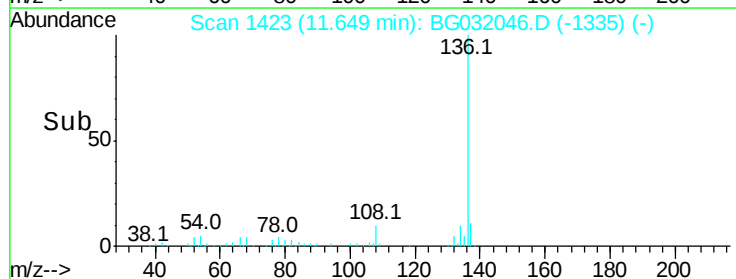
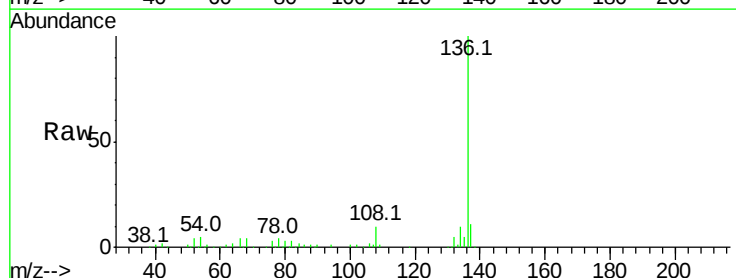
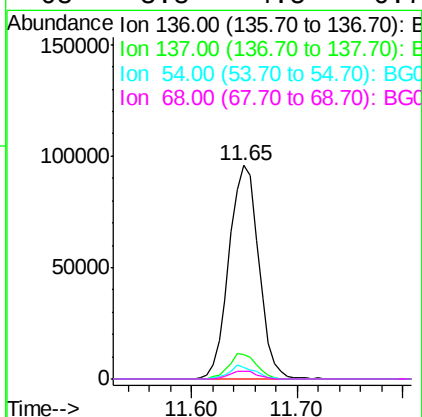
Instrument :
BNA_G
ClientSampleId :

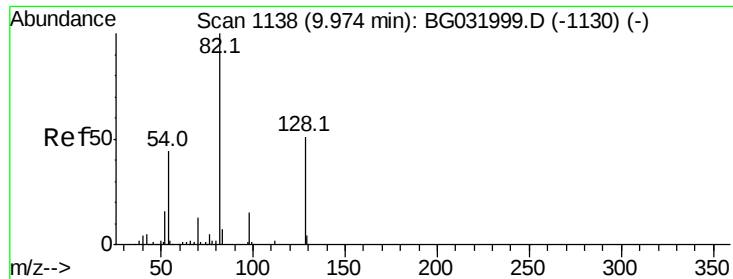
Tot Ion	Ratio	Lower	Upper
70	100		
42	42.1	49.1	73.7#
101	0.0	8.5	12.7#
130	2.2	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032046.D
Acq: 15 Jan 2018 23:51

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	5.4	10.3	15.5#
68	3.8	4.5	6.7#

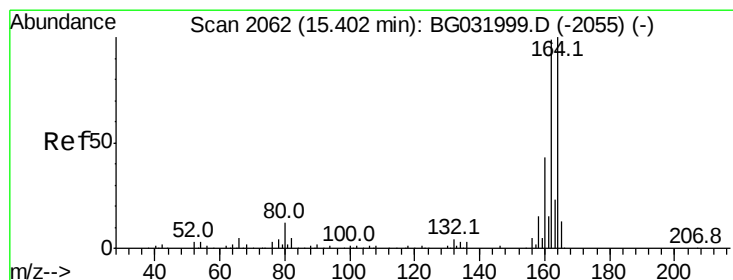
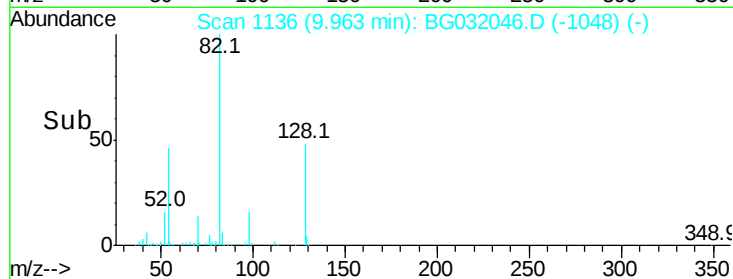
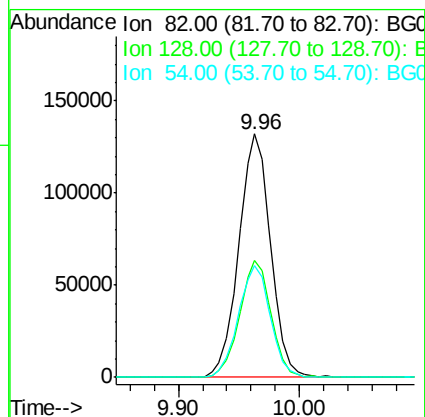
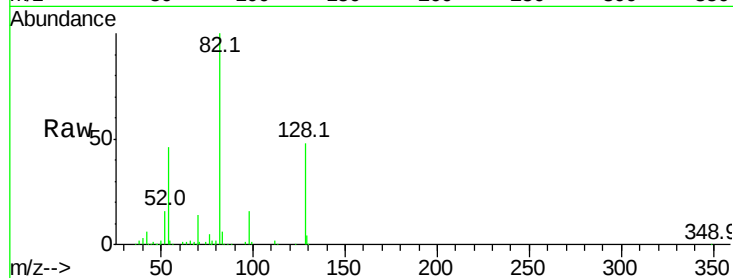




#23
Nitrobenzene-d5
Concen: 87.922 ng
RT: 9.96 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG032046.D
Acq: 15 Jan 2018 23:51

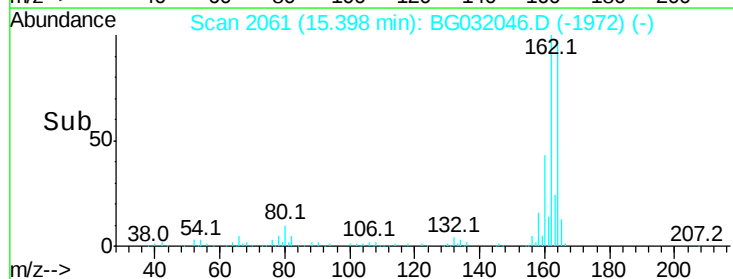
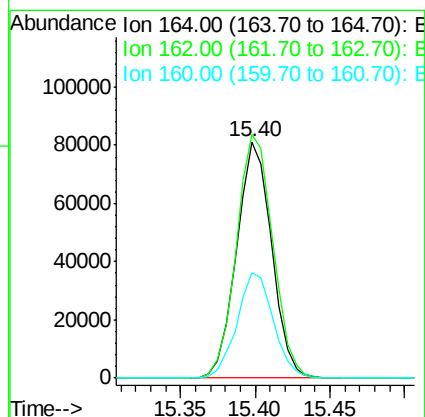
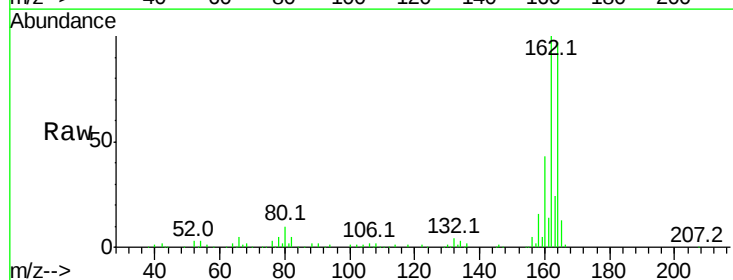
Instrument :
BNA_G
ClientSampleId :

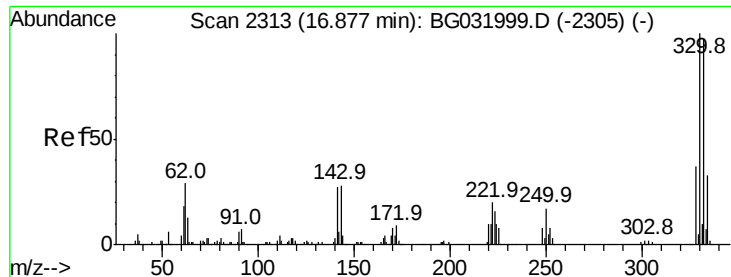
Tot Ion: 82 Resp: 241322
Ion Ratio Lower Upper
82 100
128 47.9 29.7 44.5#
54 46.1 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BG032046.D
Acq: 15 Jan 2018 23:51

Tgt Ion:164 Resp: 132350
Ion Ratio Lower Upper
164 100
162 103.1 78.8 118.2
160 44.6 35.4 53.0

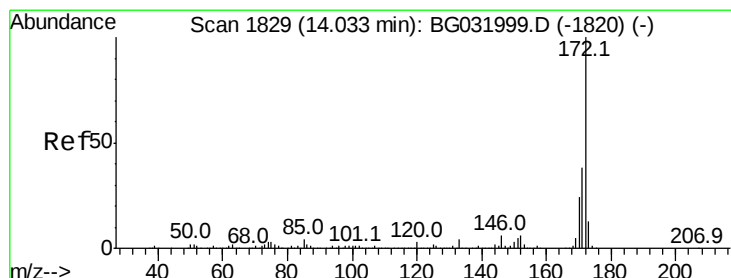
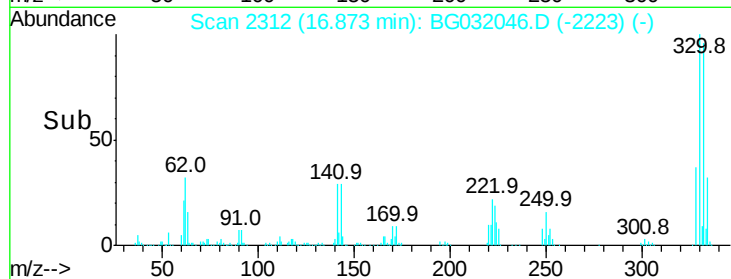
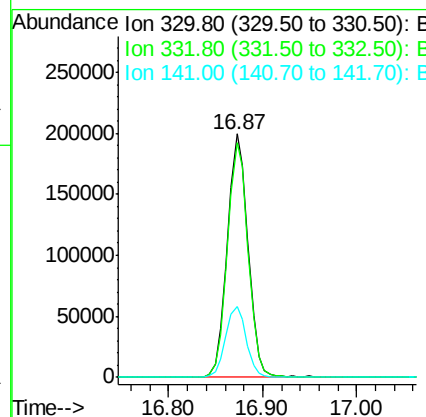
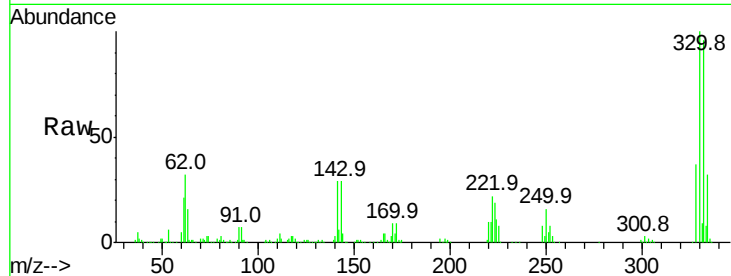




#41
 2,4,6-Tribromophenol
 Concen: 139.817 ng
 RT: 16.87 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: BG032046.D
 Acq: 15 Jan 2018 23:51

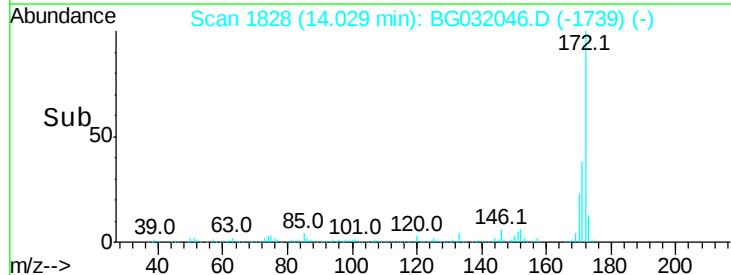
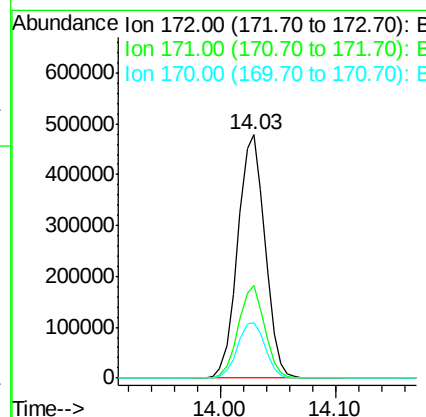
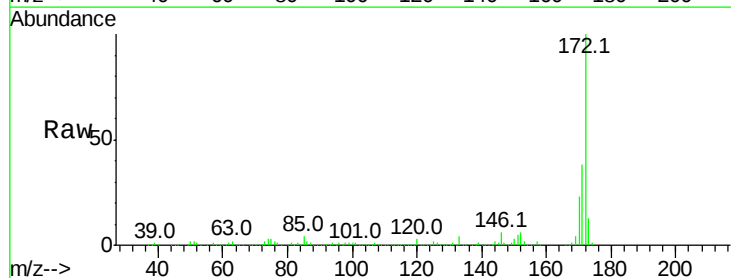
Instrument :
 BNA_G
 ClientSampled :

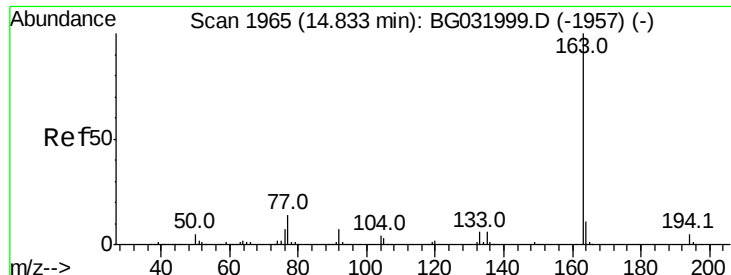
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	29.1	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 73.184 ng
 RT: 14.03 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BG032046.D
 Acq: 15 Jan 2018 23:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	22.7	19.5	29.3

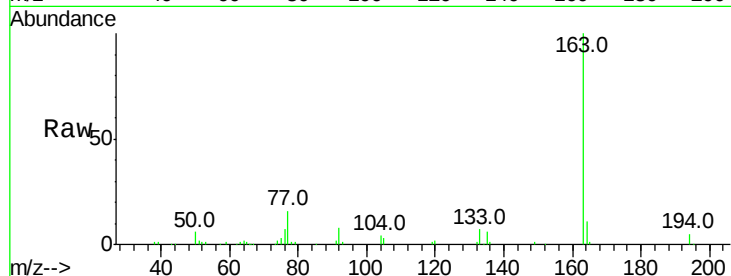




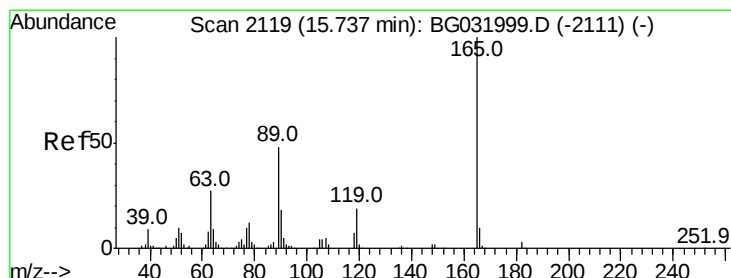
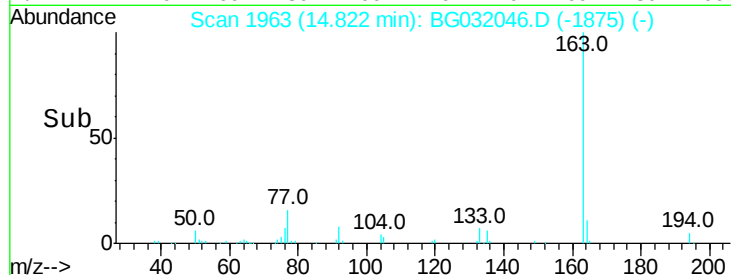
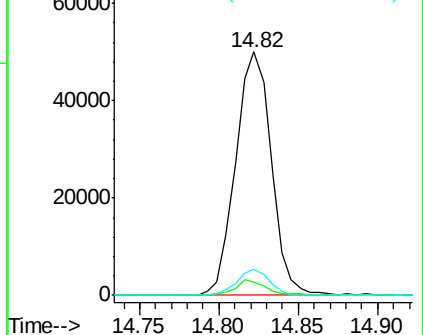
#49
Dimethylphthalate
Concen: 6.728 ng
RT: 14.82 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG032046.D
Acq: 15 Jan 2018 23:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 77923
Ion Ratio Lower Upper
163 100
194 5.4 3.4 5.2#
164 10.5 8.2 12.4

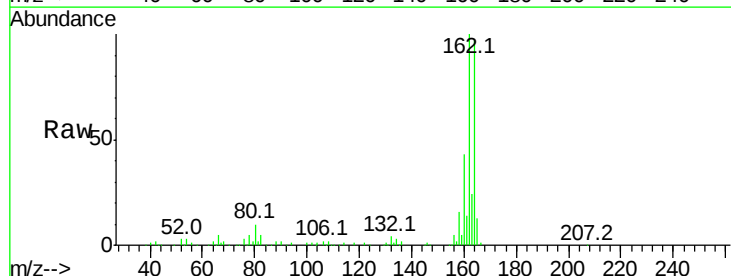


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

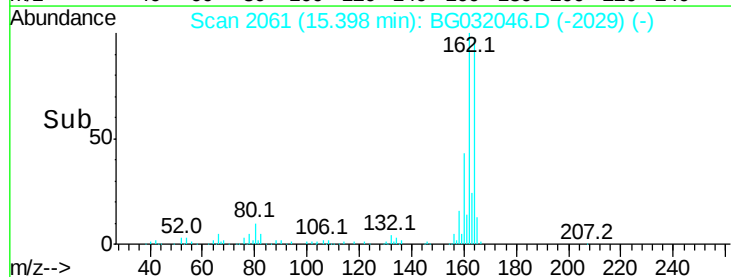
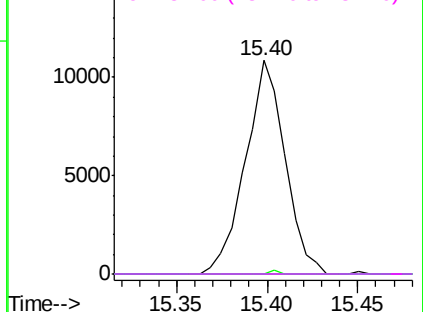


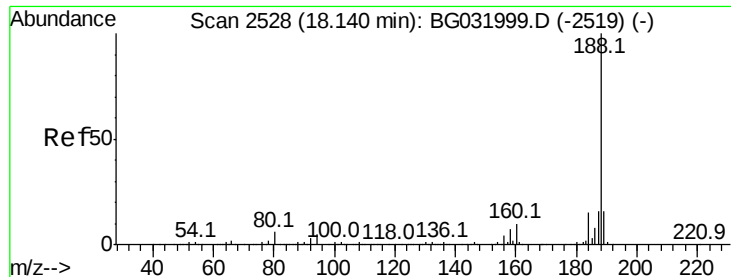
#56
2,4-Dinitrotoluene
Concen: 5.113 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.34 min
Lab File: BG032046.D
Acq: 15 Jan 2018 23:51

Tgt Ion:165 Resp: 16547
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

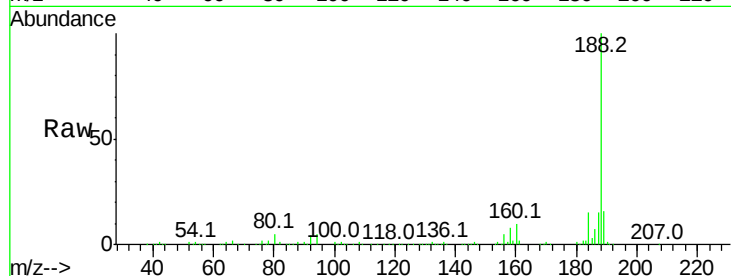




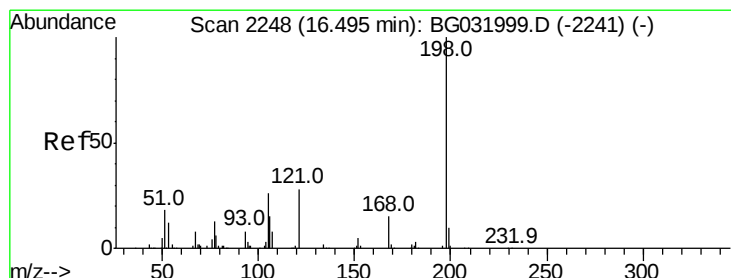
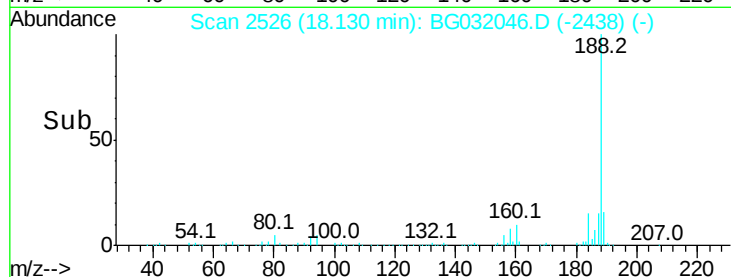
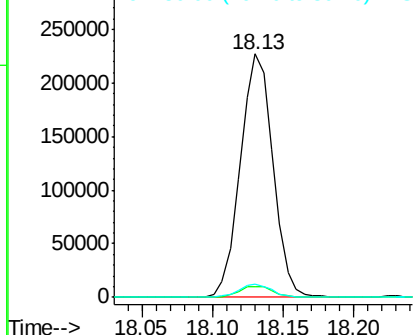
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.13 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BG032046.D
 Acq: 15 Jan 2018 23:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 367682
 Ion Ratio Lower Upper
 188 100
 94 4.6 6.9 10.3#
 80 5.3 7.7 11.5#

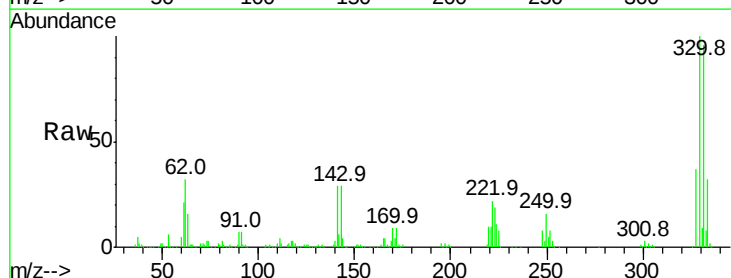


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

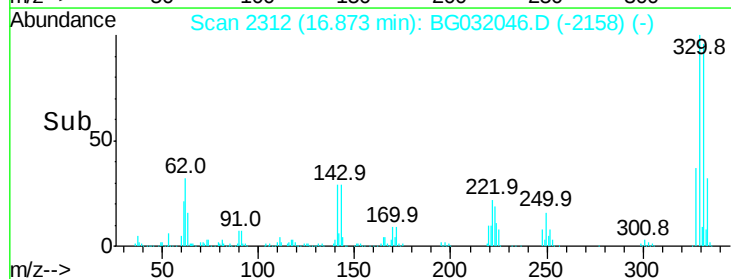
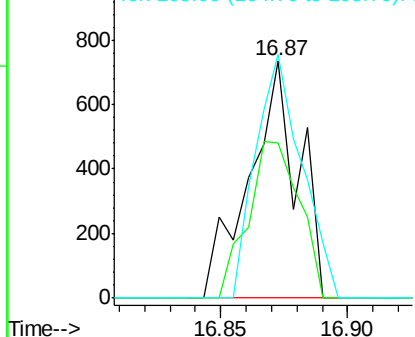


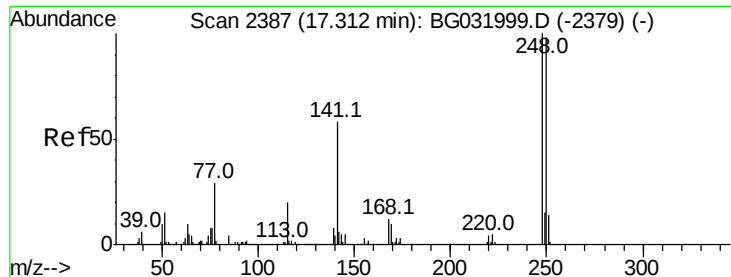
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.264 ng
 RT: 16.87 min Scan# 2312
 Delta R.T. 0.38 min
 Lab File: BG032046.D
 Acq: 15 Jan 2018 23:51

Tgt Ion:198 Resp: 995
 Ion Ratio Lower Upper
 198 100
 51 65.2 30.6 70.6
 105 102.6 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

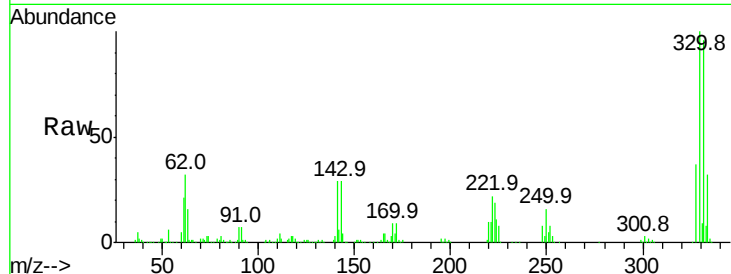




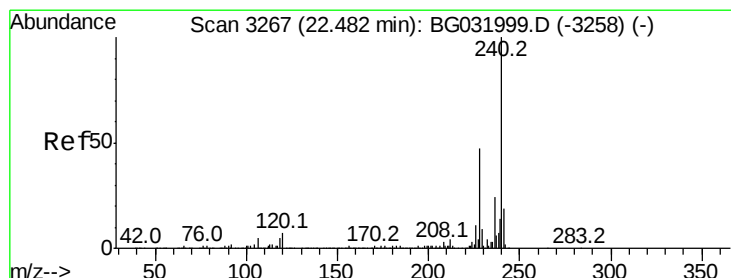
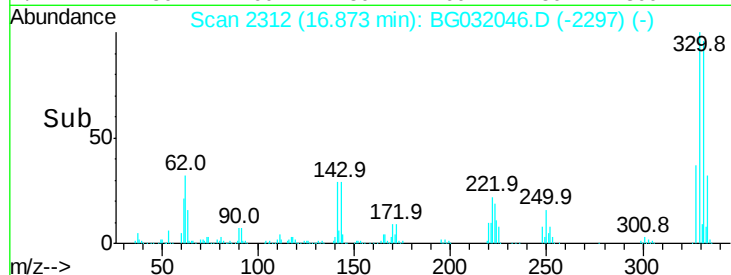
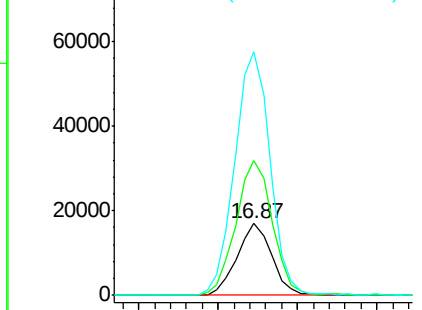
#66
 4-Bromophenyl-phenylether
 Concen: 4.939 ng
 RT: 16.87 min Scan# 2312
 Delta R.T. -0.44 min
 Lab File: BG032046.D
 Acq: 15 Jan 2018 23:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 25836
 Ion Ratio Lower Upper
 248 100
 250 188.1 77.1 115.7#
 141 339.4 50.8 76.2#

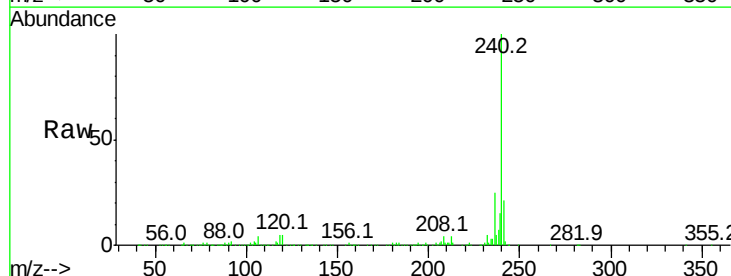


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

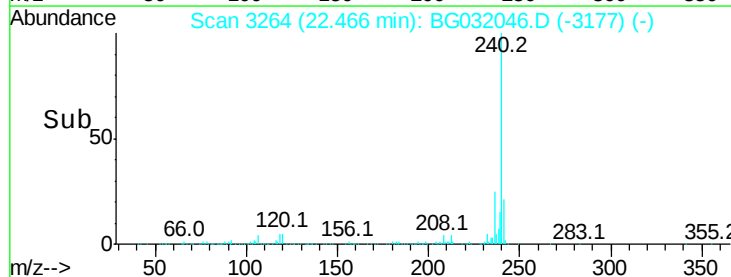
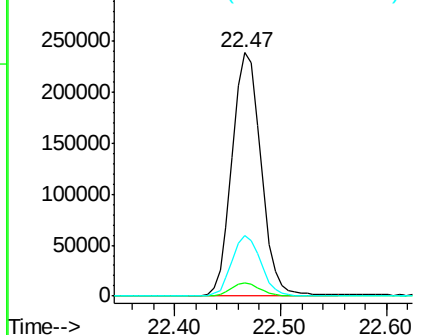


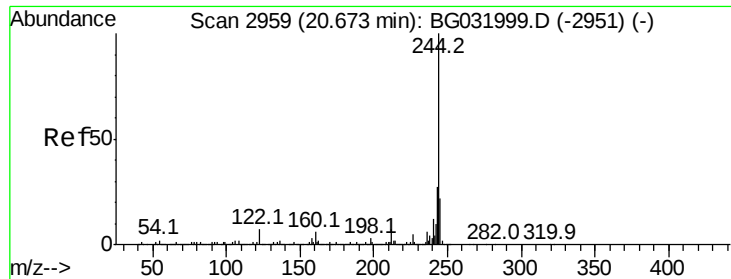
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.47 min Scan# 3264
 Delta R.T. -0.02 min
 Lab File: BG032046.D
 Acq: 15 Jan 2018 23:51

Tgt Ion:240 Resp: 456442
 Ion Ratio Lower Upper
 240 100
 120 5.4 6.8 10.2#
 236 25.0 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: 70.900 ng

RT: 20.66 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BG032046.D

Acq: 15 Jan 2018 23:51

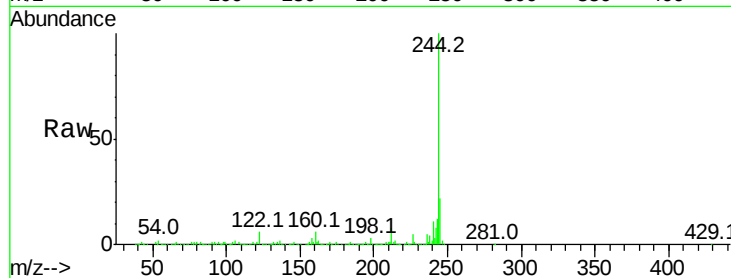
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1465632

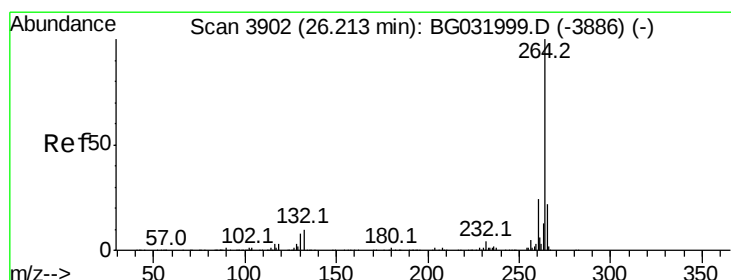
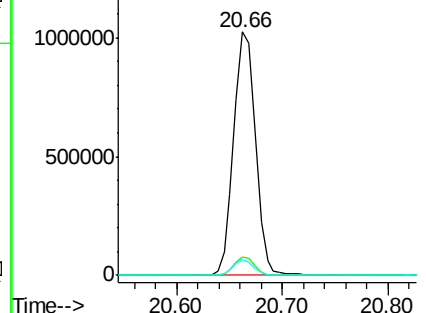
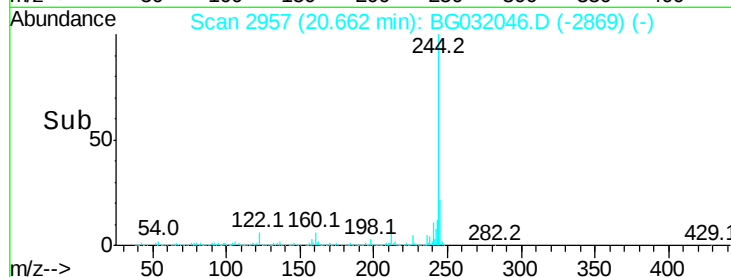
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	6.4	7.0	10.4



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: 26.19 min Scan# 3897

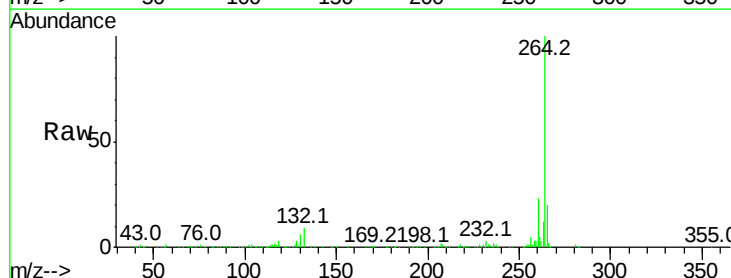
Delta R.T. -0.03 min

Lab File: BG032046.D

Acq: 15 Jan 2018 23:51

Tgt Ion:264 Resp: 472351

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	20.2	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

