

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\  
 Data File : BG038851.D  
 Acq On : 27 Dec 2018 19:58  
 Operator : JU/SJ  
 Sample : J6533-19  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP-5

Quant Time: Dec 28 00:29:47 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 12 15:26:27 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23924	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	105193	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	76298	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	178049	20.00	ng	0.00
76) Chrysene-d12	21.72	240	186771	20.00	ng	0.00
87) Perylene-d12	25.02	264	202110	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	106764	79.15	ng	0.00
7) Phenol-d6	7.22	99	101301	54.71	ng	0.01
23) Nitrobenzene-d5	9.24	82	194538	94.48	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	190343	181.02	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	543861	97.79	ng	0.00
79) Terphenyl-d14	20.04	244	871755	101.58	ng	0.00

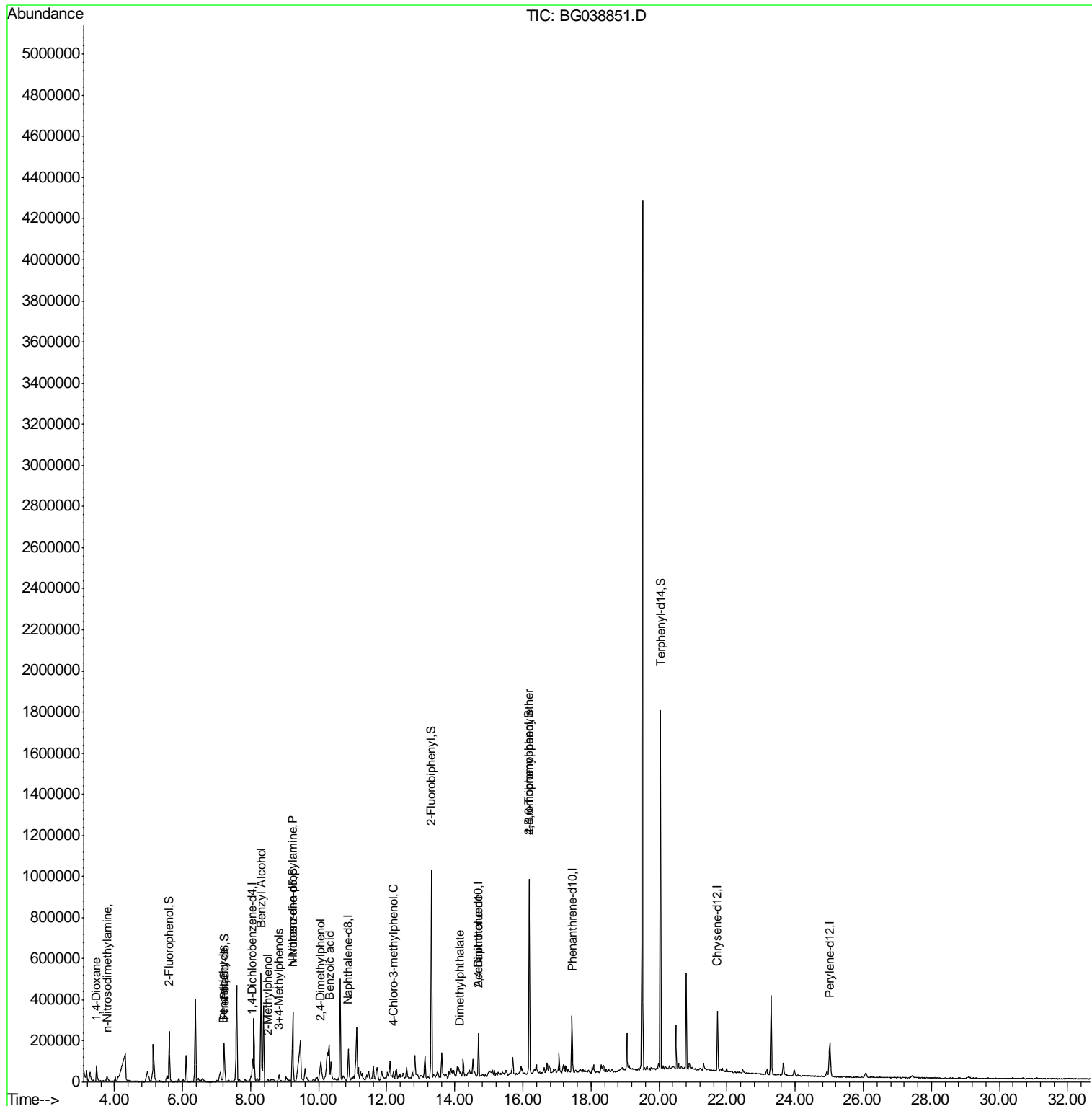
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.48	88	5682	9.051	ng	# 1
4) n-Nitrosodimethylamine	3.78	42	1994	2.355	ng	# 1
9) Benzaldehyde	7.20	77	2977	2.478	ng	96
10) Phenol	7.25	94	18434	9.370	ng	95
15) Benzyl Alcohol	8.31	79	186688	129.166	ng	100
17) 2-Methylphenol	8.50	107	3498	2.654	ng	# 90
19) n-Nitroso-di-n-propylamine	9.24	70	27271	20.969	ng	# 70
20) 3+4-Methylphenols	8.83	107	17525	9.628	ng	95
27) 2,4-Dimethylphenol	10.04	122	7771	5.086	ng	95
32) Benzoic acid	10.31	122	136130	120.727	ng	# 82
36) 4-Chloro-3-methylphenol	12.20	107	7618	3.927	ng	# 22
50) Dimethylphthalate	14.14	163	17226	2.765	ng	99
57) 2,4-Dinitrotoluene	14.70	165	10092	5.075	ng	# 27
67) 4-Bromophenyl-phenylether	16.19	248	12740	5.859	ng	# 1

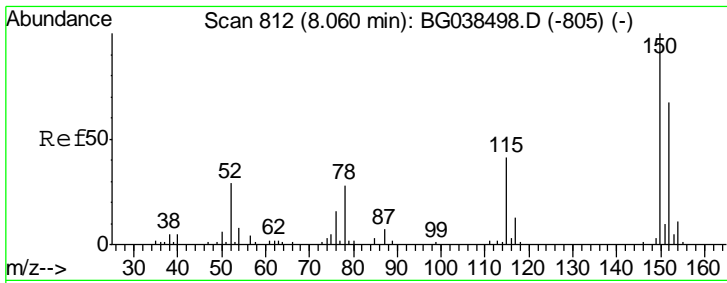
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\  
 Data File : BG038851.D  
 Acq On : 27 Dec 2018 19:58  
 Operator : JU/SJ  
 Sample : J6533-19  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP-5

Quant Time: Dec 28 00:29:47 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 12 15:26:27 2018  
 Response via : Initial Calibration

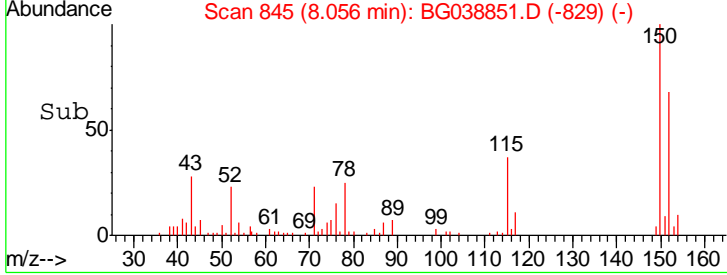
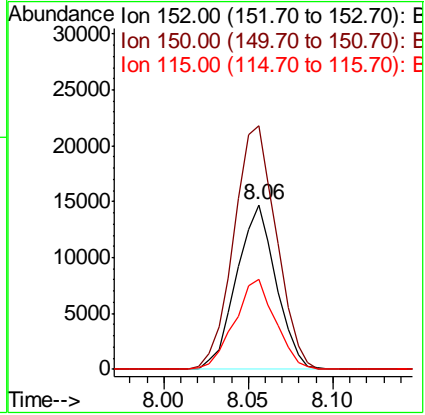
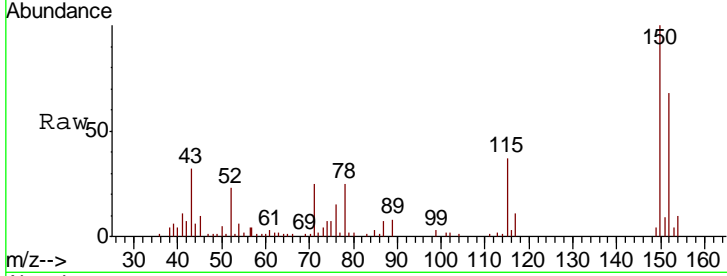




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.06 min Scan# 845  
 Delta R.T. -0.00 min  
 Lab File: BG038851.D  
 Acq: 27 Dec 2018 19:58

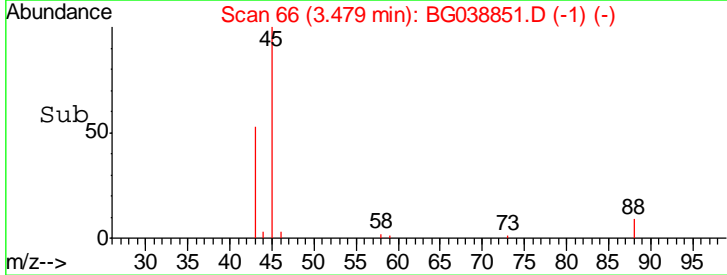
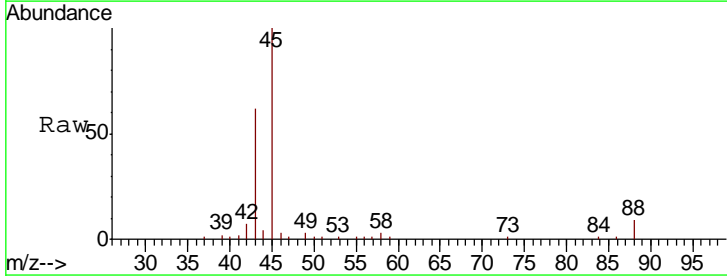
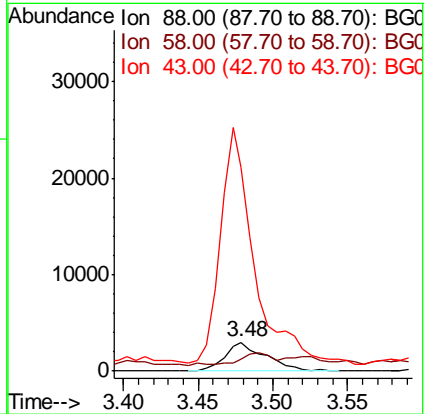
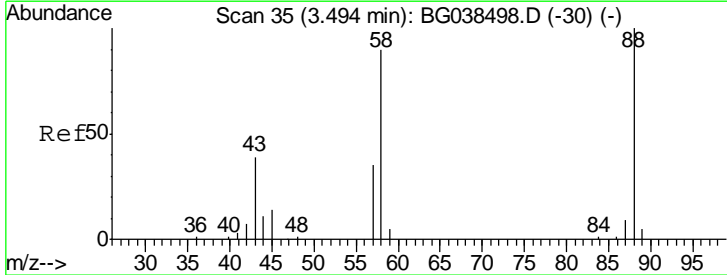
**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 COMP-5

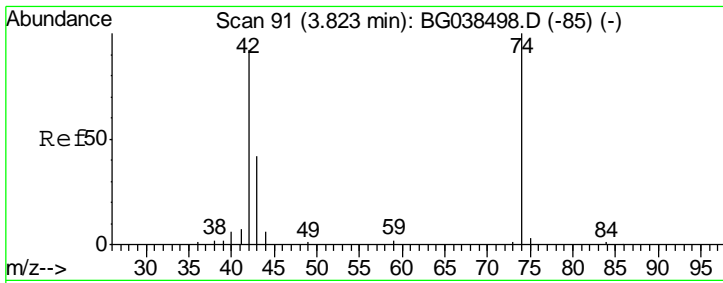
Tgt Ion	Resp	Lower	Upper
152	23924		
150	147.7	119.5	179.3
115	54.8	49.6	74.4



#2  
 1,4-Dioxane  
 Concen: 9.051 ng  
 RT: 3.48 min Scan# 66  
 Delta R.T. -0.02 min  
 Lab File: BG038851.D  
 Acq: 27 Dec 2018 19:58

Tgt Ion	Resp	Lower	Upper
88	5682		
58	25.3	75.7	113.5#
43	684.7	31.6	47.4#

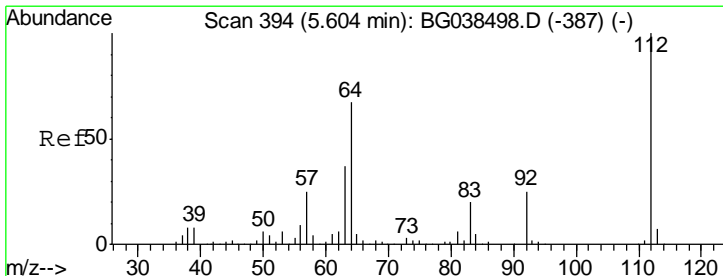
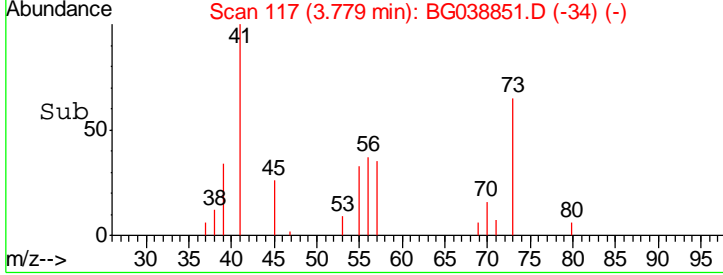
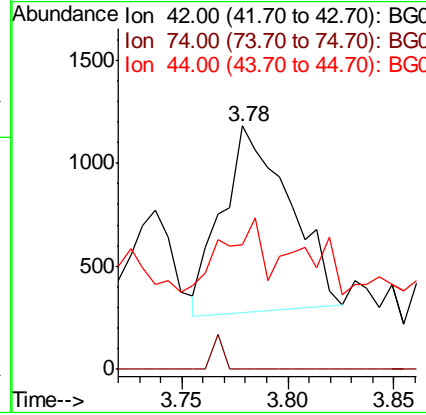
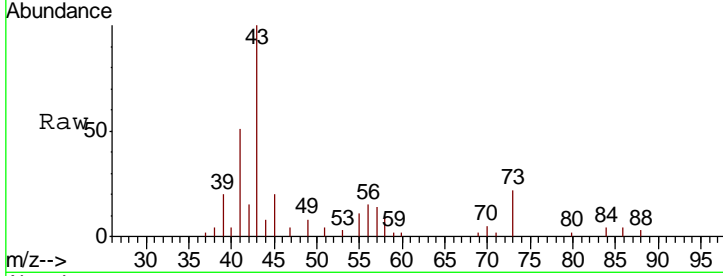




#4  
 n-Nitrosodimethylamine  
 Concen: 2.355 ng  
 RT: 3.78 min Scan# 117  
 Delta R.T. -0.04 min  
 Lab File: BG038851.D  
 Acq: 27 Dec 2018 19:58

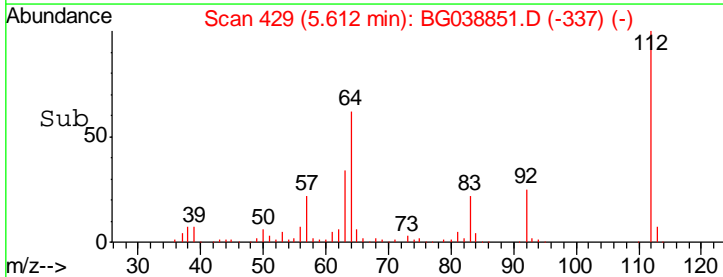
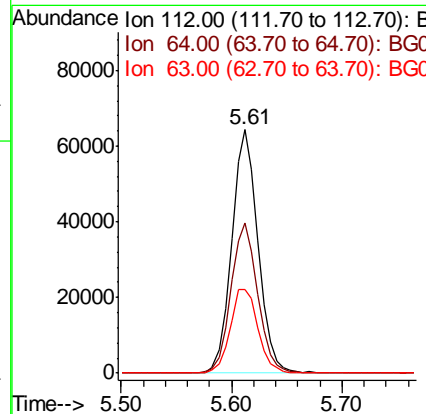
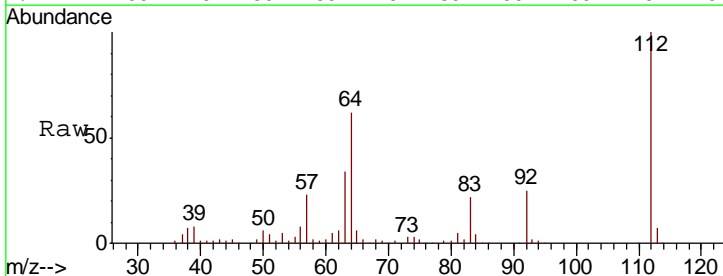
Instrument :  
 BNA\_G  
 ClientSampled :  
 COMP-5

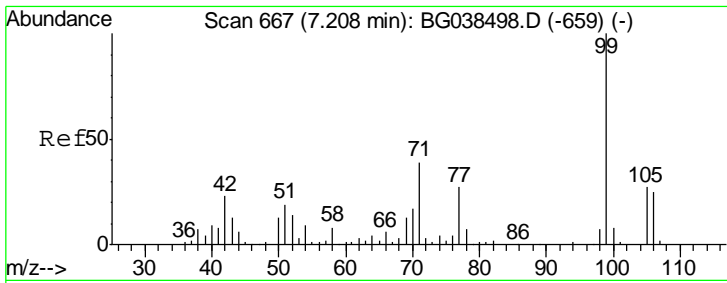
Tgt Ion	Resp	Lower	Upper
42	1994		
42	100		
74	0.0	86.7	130.1#
44	51.4	7.8	11.8#



#5  
 2-Fluorophenol  
 Concen: 79.152 ng  
 RT: 5.61 min Scan# 429  
 Delta R.T. 0.01 min  
 Lab File: BG038851.D  
 Acq: 27 Dec 2018 19:58

Tgt Ion	Resp	Lower	Upper
112	106764		
112	100		
64	61.5	53.4	80.2
63	34.4	29.3	43.9

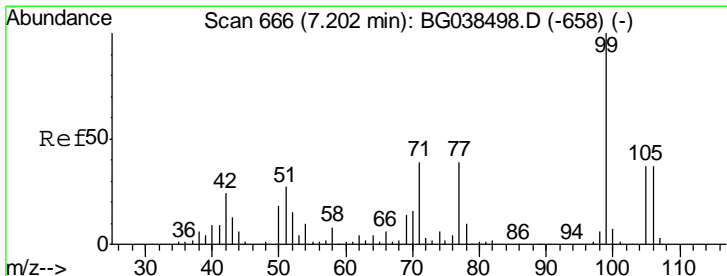
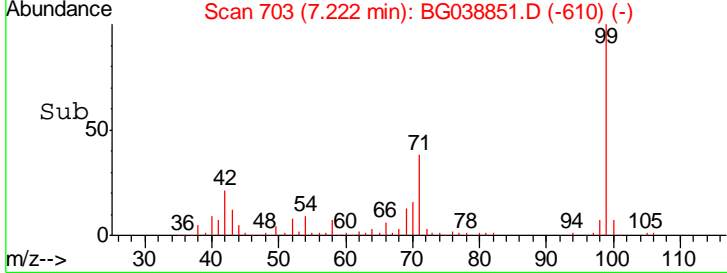
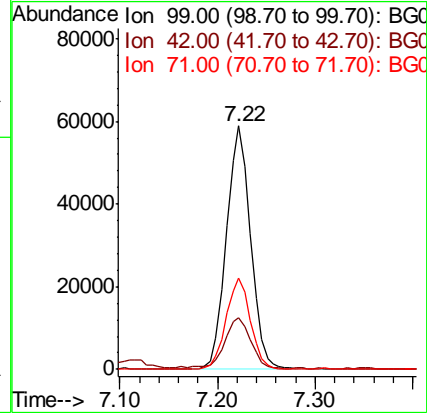
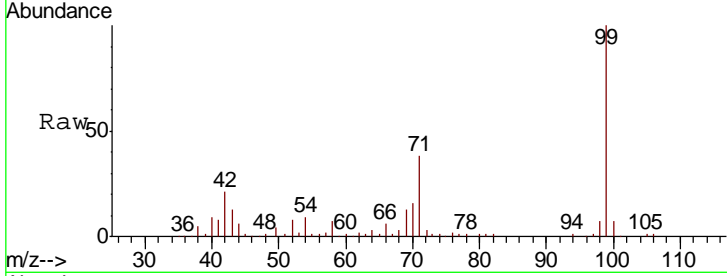




#7  
 Phenol-d6  
 Concen: 54.707 ng  
 RT: 7.22 min Scan# 703  
 Delta R.T. 0.01 min  
 Lab File: BG038851.D  
 Acq: 27 Dec 2018 19:58

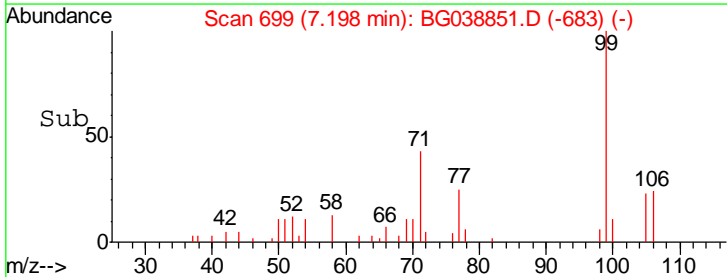
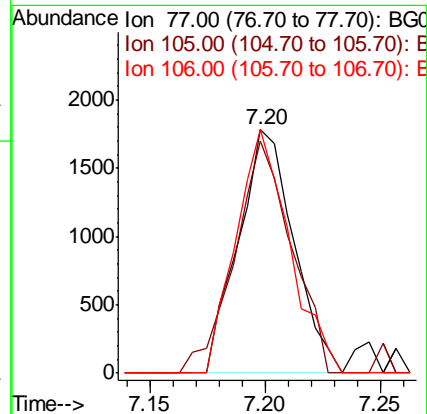
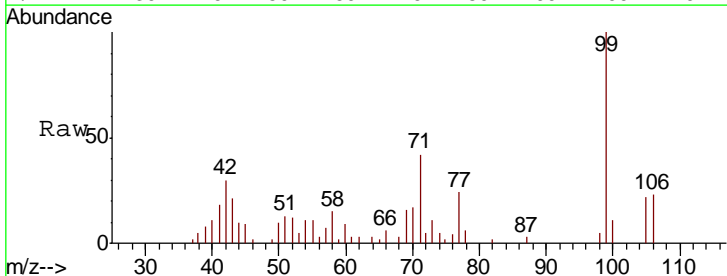
**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 COMP-5

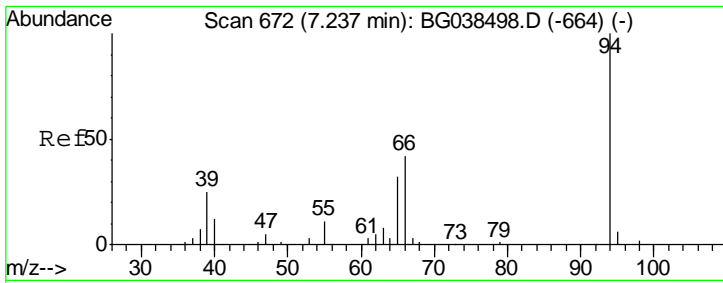
Tgt Ion	Resp	Lower	Upper
99	101301		
42	21.4	18.5	27.7
71	37.6	31.1	46.7



#9  
 Benzaldehyde  
 Concen: 2.478 ng  
 RT: 7.20 min Scan# 699  
 Delta R.T. -0.00 min  
 Lab File: BG038851.D  
 Acq: 27 Dec 2018 19:58

Tgt Ion	Resp	Lower	Upper
77	2977		
105	95.4	74.0	114.0
106	99.8	73.9	113.9

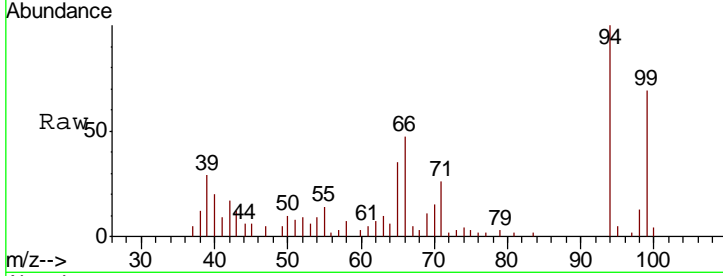




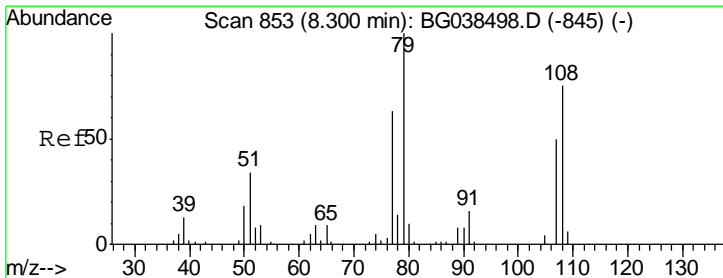
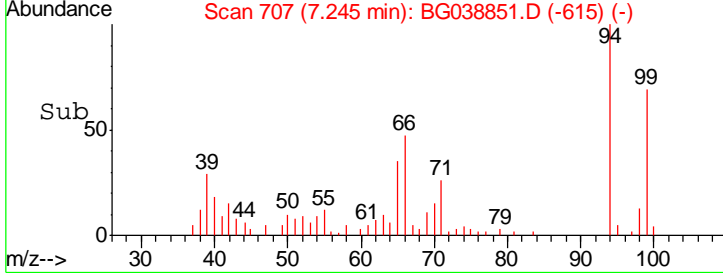
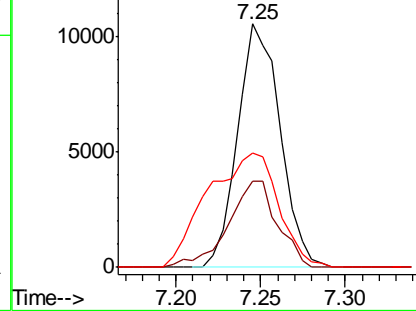
#10  
 Phenol  
 Concen: 9.370 ng  
 RT: 7.25 min Scan# 707  
 Delta R.T. 0.01 min  
 Lab File: BG038851.D  
 Acq: 27 Dec 2018 19:58

Instrument :  
 BNA\_G  
 ClientSampled :  
 COMP-5

Tgt Ion	Resp	Lower	Upper
94	18434		
65	35.4	12.6	52.6
66	46.9	24.1	64.1

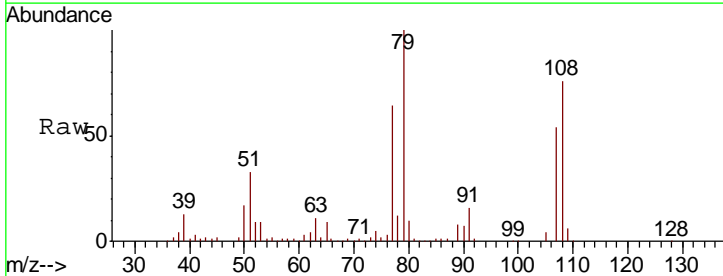


Abundance Ion 94.00 (93.70 to 94.70): BGC  
 Ion 65.00 (64.70 to 65.70): BGC  
 Ion 66.00 (65.70 to 66.70): BGC

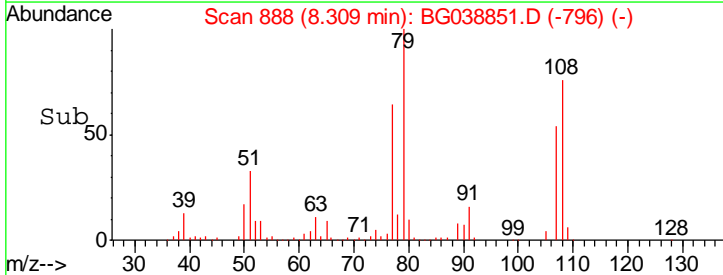
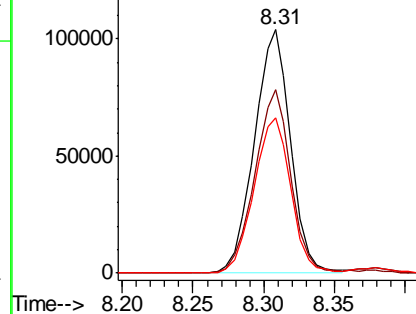


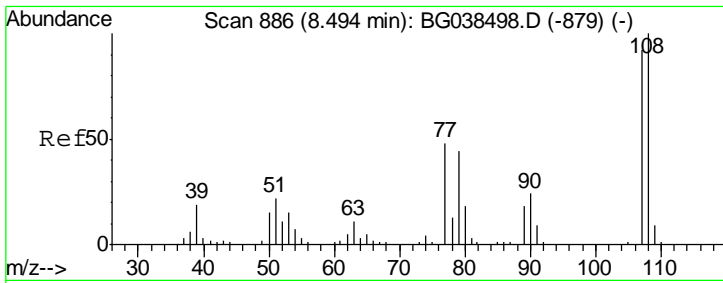
#15  
 Benzyl Alcohol  
 Concen: 129.166 ng  
 RT: 8.31 min Scan# 888  
 Delta R.T. 0.01 min  
 Lab File: BG038851.D  
 Acq: 27 Dec 2018 19:58

Tgt Ion	Resp	Lower	Upper
79	186688		
108	75.6	60.2	90.4
77	63.9	50.7	76.1



Abundance Ion 79.00 (78.70 to 79.70): BGC  
 Ion 108.00 (107.70 to 108.70): BGC  
 Ion 77.00 (76.70 to 77.70): BGC

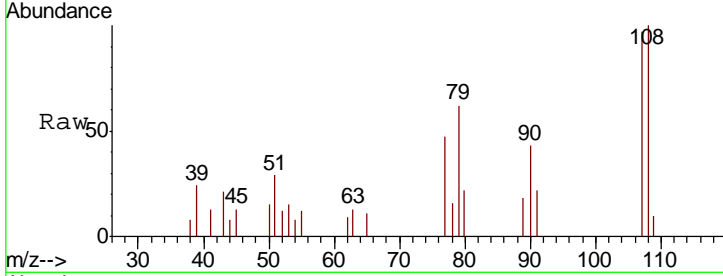




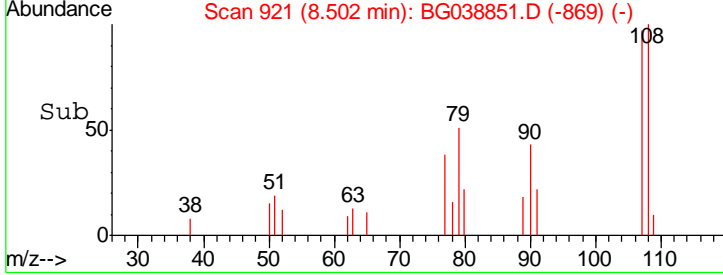
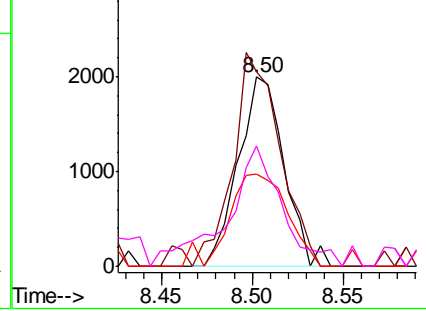
#17  
 2-Methylphenol  
 Concen: 2.654 ng  
 RT: 8.50 min Scan# 921  
 Delta R.T. 0.01 min  
 Lab File: BG038851.D  
 Acq: 27 Dec 2018 19:58

**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 COMP-5

Tgt Ion	Resp	Lower	Upper
107	100		
108	102.9	87.1	130.7
77	48.6	42.0	63.0
79	63.4	38.2	57.2#

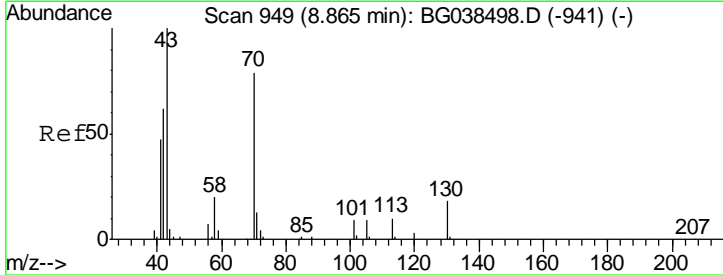


Abundance  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 108.00 (107.70 to 108.70): E  
 Ion 77.00 (76.70 to 77.70): BGC  
 Ion 79.00 (78.70 to 79.70): BGC

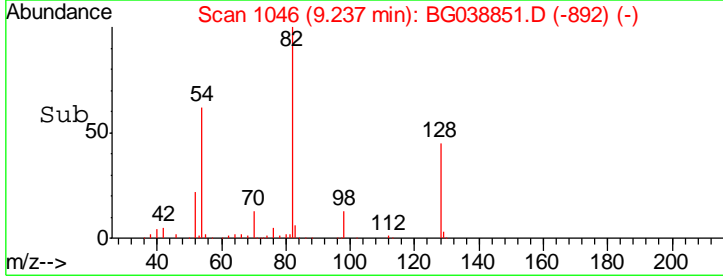
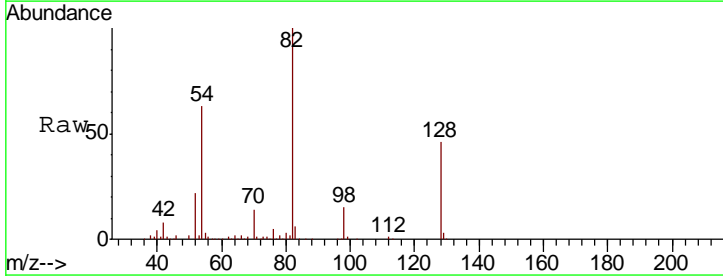
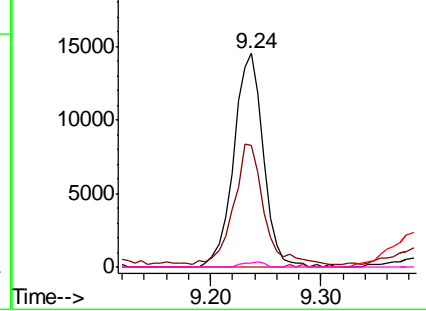


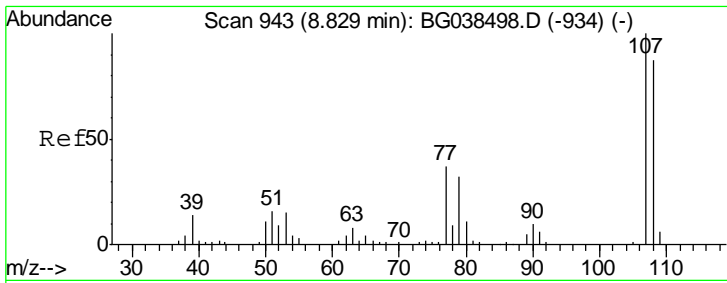
#19  
 n-Nitroso-di-n-propylamine  
 Concen: 20.969 ng  
 RT: 9.24 min Scan# 1046  
 Delta R.T. 0.37 min  
 Lab File: BG038851.D  
 Acq: 27 Dec 2018 19:58

Tgt Ion	Resp	Lower	Upper
70	100		
42	56.8	63.6	95.4#
101	0.0	9.2	13.8#
130	1.7	18.5	27.7#



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): E  
 Ion 130.00 (129.70 to 130.70): E

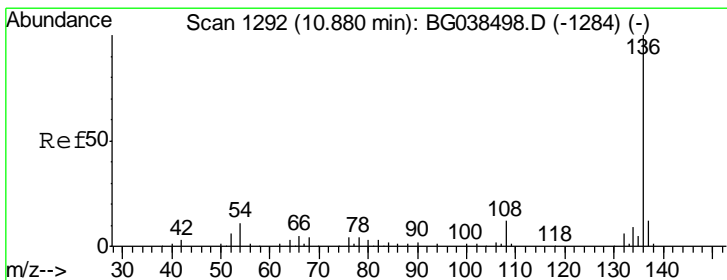
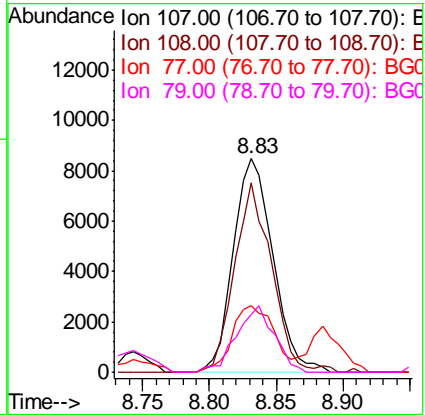
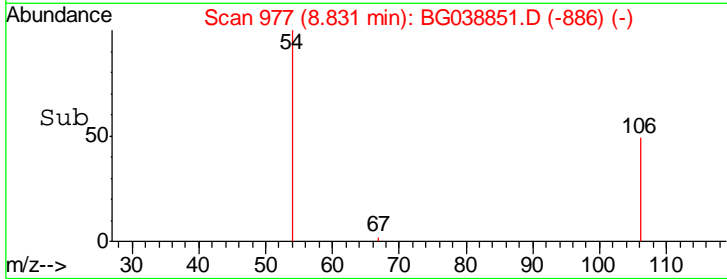
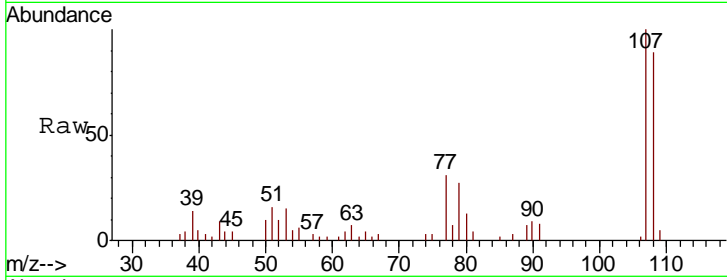




#20  
 3+4-Methylphenols  
 Concen: 9.628 ng  
 RT: 8.83 min Scan# 977  
 Delta R.T. 0.00 min  
 Lab File: BG038851.D  
 Acq: 27 Dec 2018 19:58

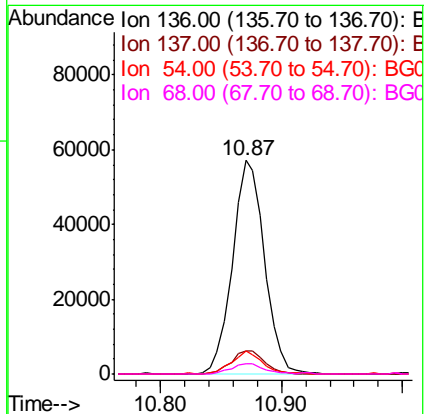
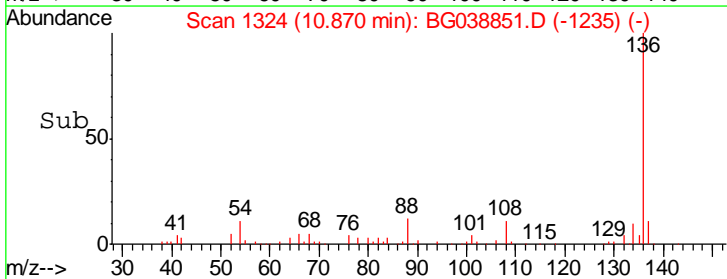
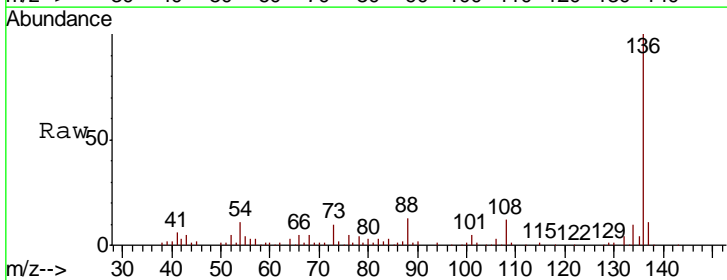
Instrument :  
 BNA\_G  
 ClientSampled :  
 COMP-5

Tgt Ion	Resp	Lower	Upper
107	17525		
108	88.5	66.7	106.7
77	31.1	17.3	57.3
79	27.2	12.3	52.3

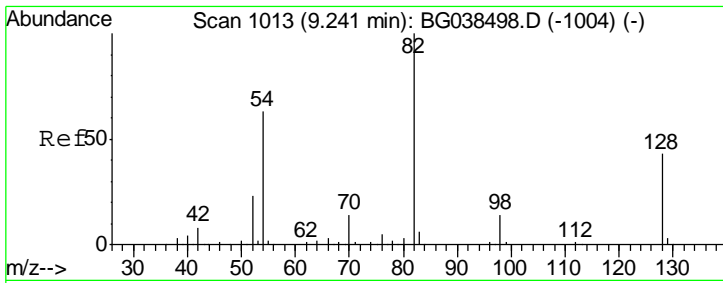


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.87 min Scan# 1324  
 Delta R.T. -0.01 min  
 Lab File: BG038851.D  
 Acq: 27 Dec 2018 19:58

Tgt Ion	Resp	Lower	Upper
136	105193		
137	10.8	9.3	13.9
54	10.6	8.5	12.7
68	5.0	3.5	5.3



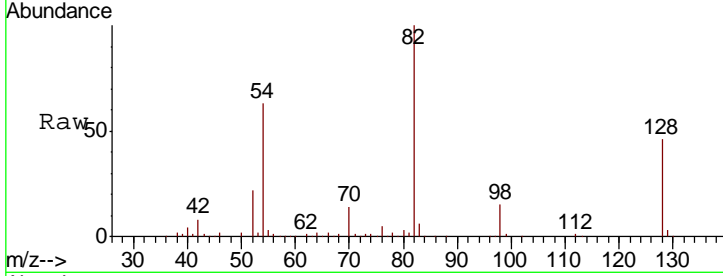




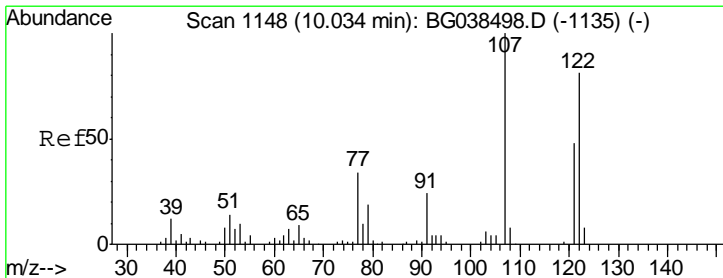
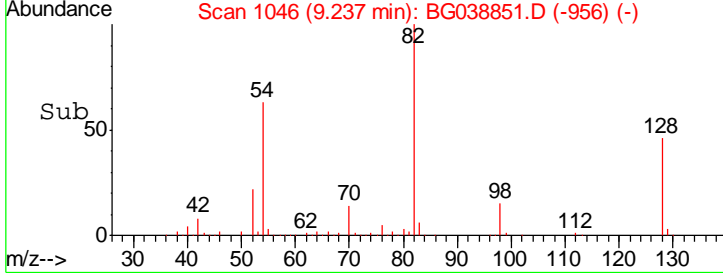
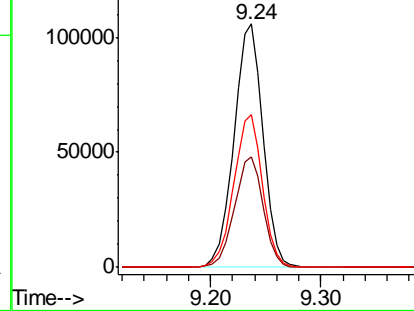
#23  
 Nitrobenzene-d5  
 Concen: 94.478 ng  
 RT: 9.24 min Scan# 1046  
 Delta R.T. -0.00 min  
 Lab File: BG038851.D  
 Acq: 27 Dec 2018 19:58

Instrument :  
 BNA\_G  
 ClientSampled :  
 COMP-5

Tgt Ion	Resp	Lower	Upper
82	194538		
128	45.5	34.6	52.0
54	62.8	50.6	76.0

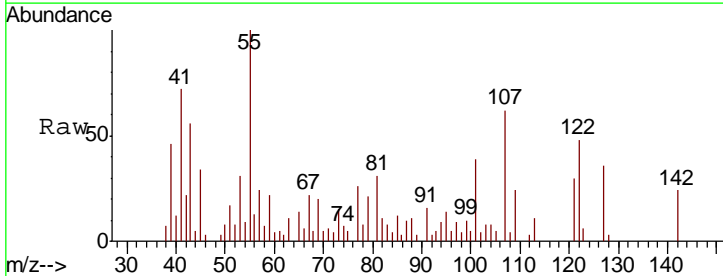


Abundance Ion 82.00 (81.70 to 82.70): BGC  
 Ion 128.00 (127.70 to 128.70): BGC  
 Ion 54.00 (53.70 to 54.70): BGC

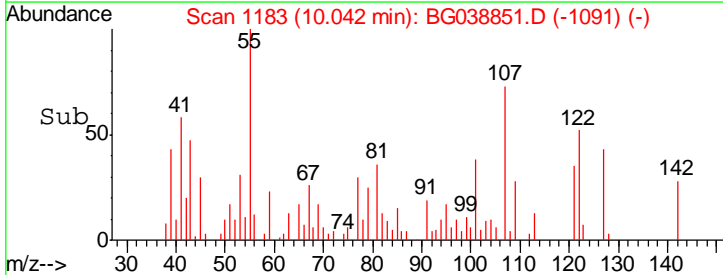
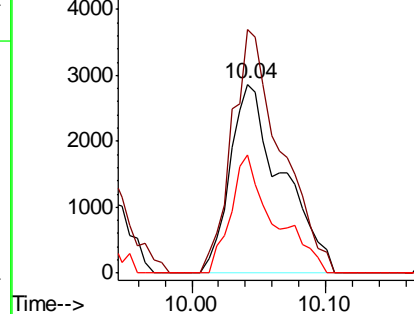


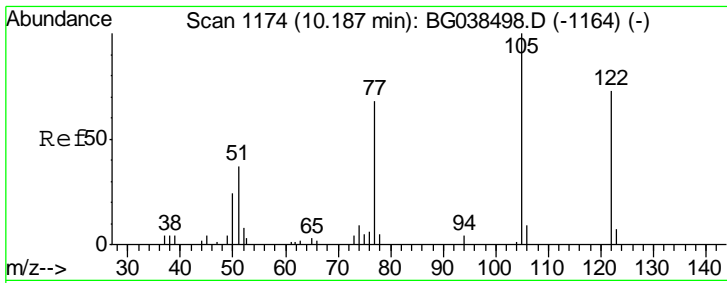
#27  
 2,4-Dimethylphenol  
 Concen: 5.086 ng  
 RT: 10.04 min Scan# 1183  
 Delta R.T. 0.01 min  
 Lab File: BG038851.D  
 Acq: 27 Dec 2018 19:58

Tgt Ion	Resp	Lower	Upper
122	7771		
107	129.0	98.4	147.6
121	62.3	47.2	70.8



Abundance Ion 122.00 (121.70 to 122.70): BGC  
 Ion 107.00 (106.70 to 107.70): BGC  
 Ion 121.00 (120.70 to 121.70): BGC

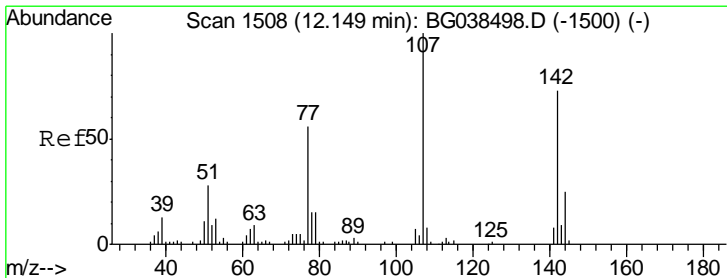
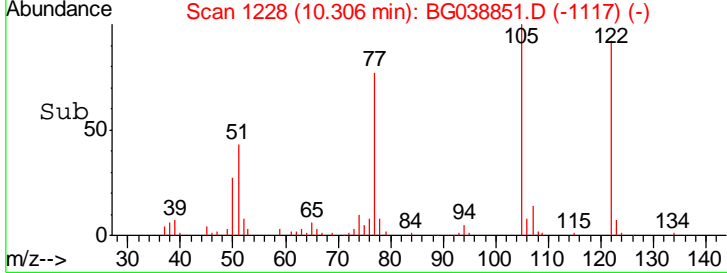
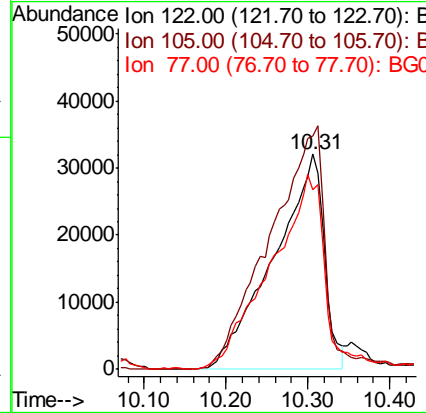
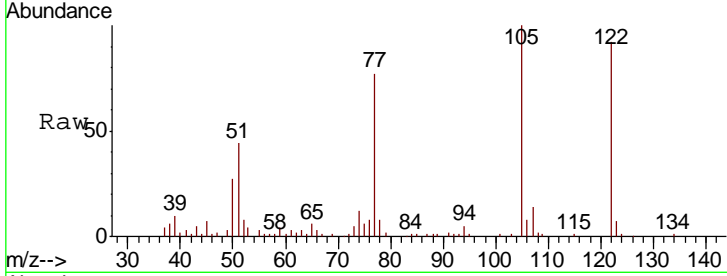




#32  
 Benzoic acid  
 Concen: 120.727 ng  
 RT: 10.31 min Scan# 1228  
 Delta R.T. 0.12 min  
 Lab File: BG038851.D  
 Acq: 27 Dec 2018 19:58

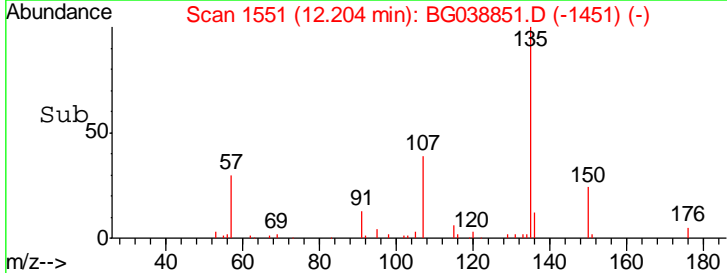
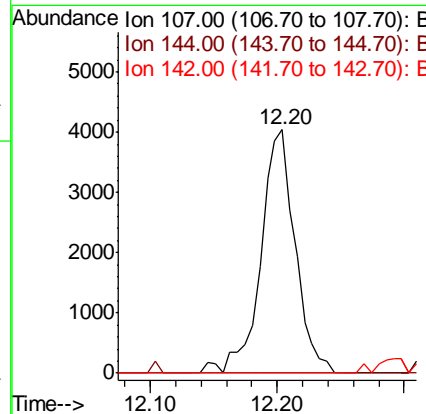
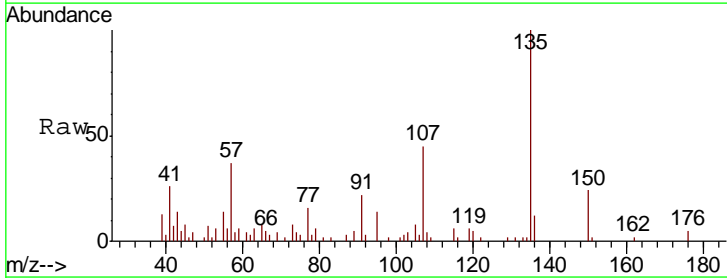
Instrument :  
 BNA\_G  
 ClientSampled :  
 COMP-5

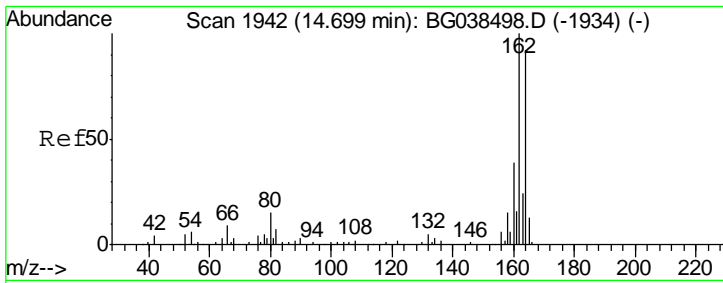
Tgt Ion	Resp	Lower	Upper
122	136130		
105	108.3	116.7	156.7#
77	83.6	72.5	112.5



#36  
 4-Chloro-3-methylphenol  
 Concen: 3.927 ng  
 RT: 12.20 min Scan# 1551  
 Delta R.T. 0.06 min  
 Lab File: BG038851.D  
 Acq: 27 Dec 2018 19:58

Tgt Ion	Resp	Lower	Upper
107	7618		
144	0.0	20.1	30.1#
142	0.0	58.7	88.1#

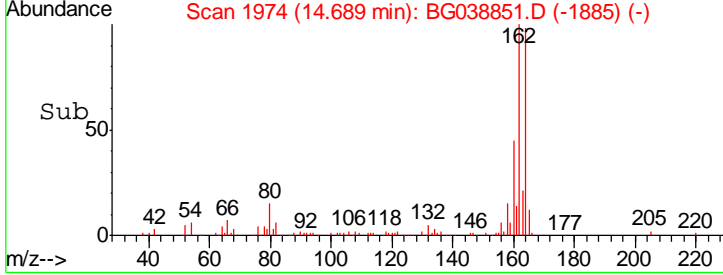
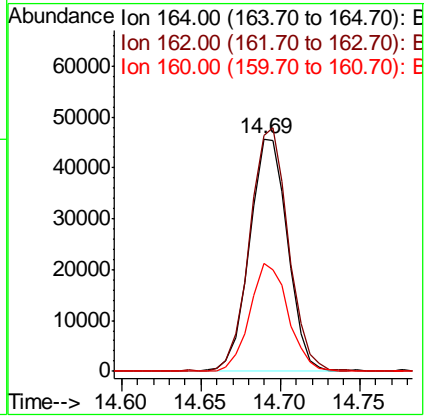
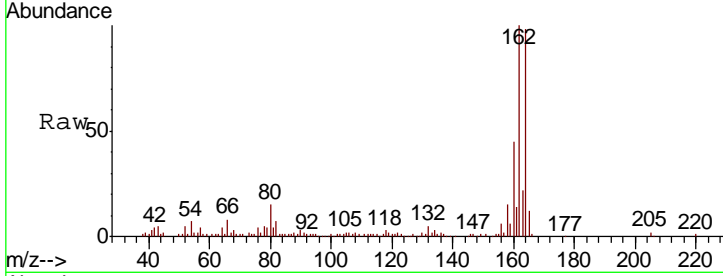




#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.69 min Scan# 1974  
 Delta R.T. -0.01 min  
 Lab File: BG038851.D  
 Acq: 27 Dec 2018 19:58

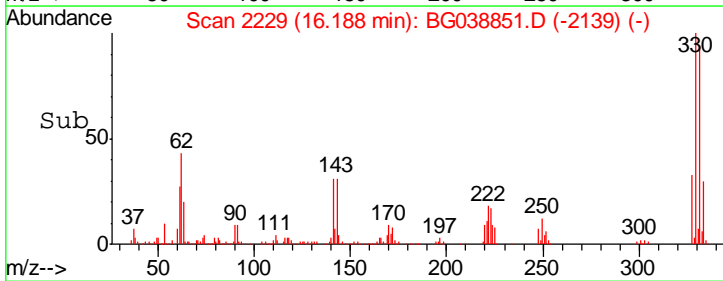
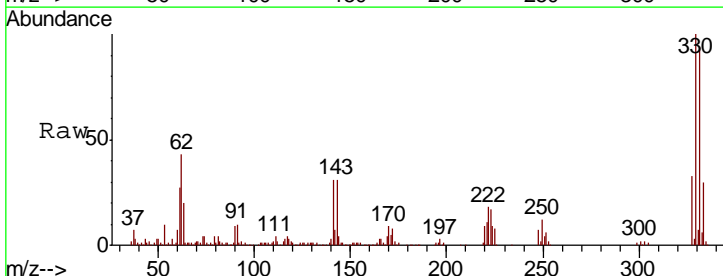
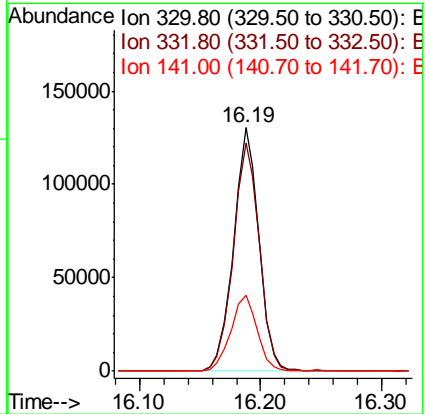
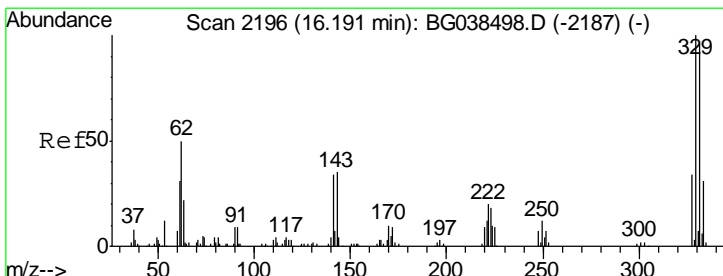
Instrument :  
 BNA\_G  
 ClientSampled :  
 COMP-5

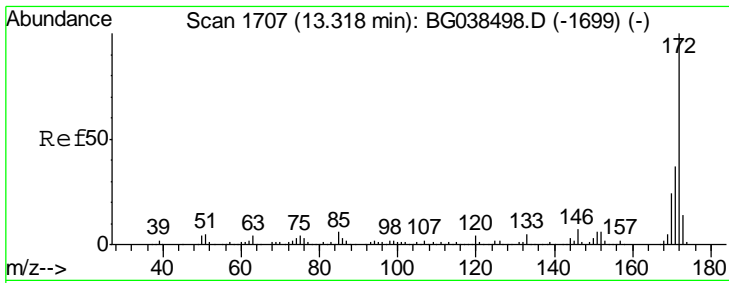
Tgt Ion	Resp	Lower	Upper
164	100		
162	101.8	86.6	130.0
160	46.3	34.2	51.2



#42  
 2,4,6-Tribromophenol  
 Concen: 181.016 ng  
 RT: 16.19 min Scan# 2229  
 Delta R.T. -0.00 min  
 Lab File: BG038851.D  
 Acq: 27 Dec 2018 19:58

Tgt Ion	Resp	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	32.1	28.8	43.2

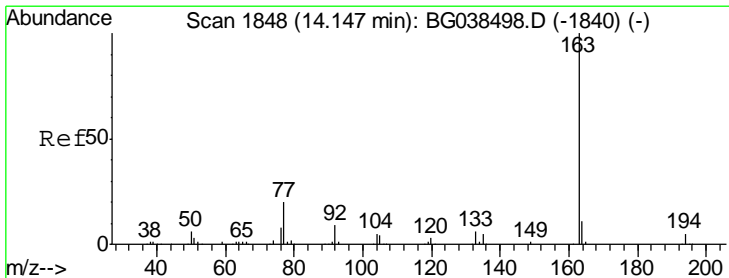
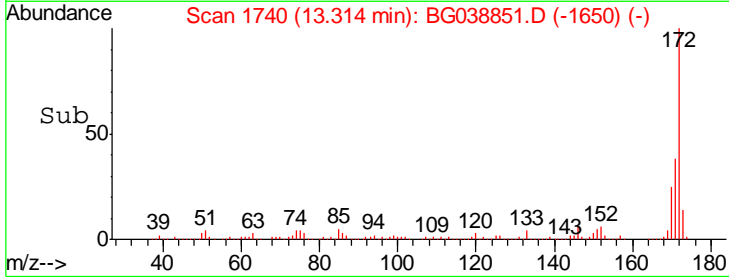
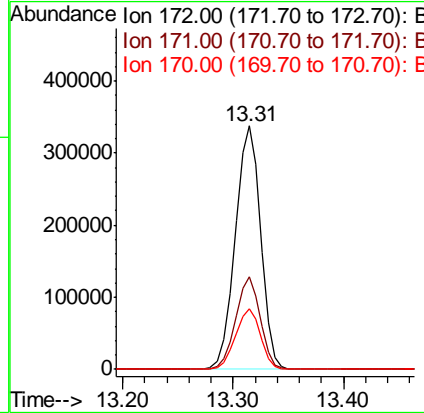
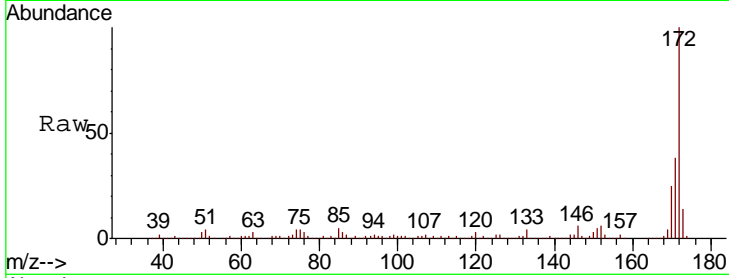




#45  
 2-Fluorobiphenyl  
 Concen: 97.787 ng  
 RT: 13.31 min Scan# 1740  
 Delta R.T. -0.00 min  
 Lab File: BG038851.D  
 Acq: 27 Dec 2018 19:58

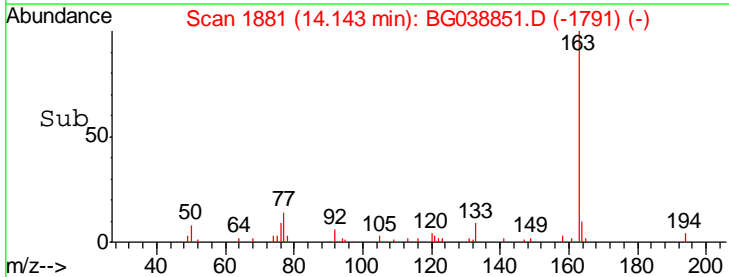
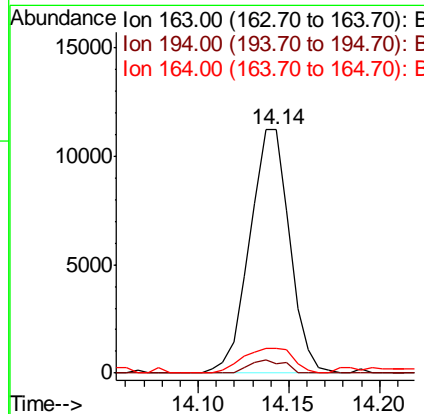
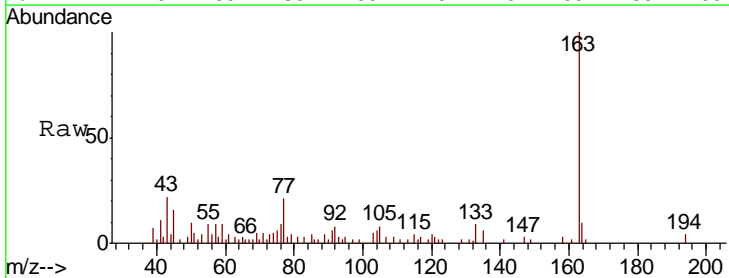
Instrument :  
 BNA\_G  
 ClientSampled :  
 COMP-5

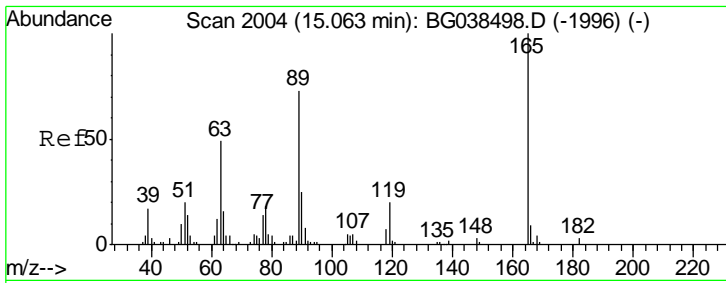
Tgt Ion	Resp	Lower	Upper
172	100		
171	37.9	29.8	44.6
170	25.0	19.5	29.3



#50  
 Dimethylphthalate  
 Concen: 2.765 ng  
 RT: 14.14 min Scan# 1881  
 Delta R.T. -0.00 min  
 Lab File: BG038851.D  
 Acq: 27 Dec 2018 19:58

Tgt Ion	Resp	Lower	Upper
163	100		
194	4.1	3.7	5.5
164	10.3	8.6	12.8

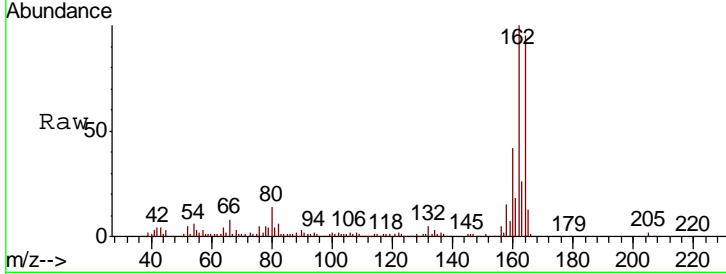




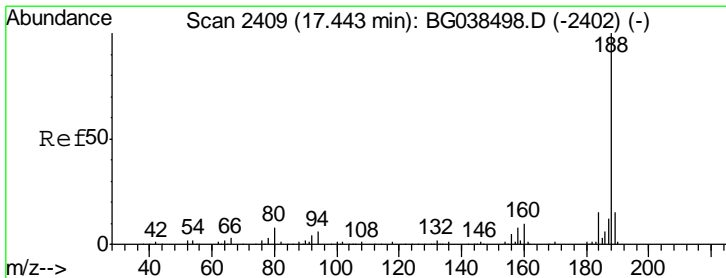
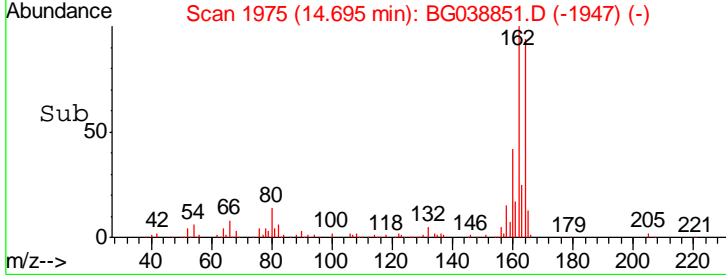
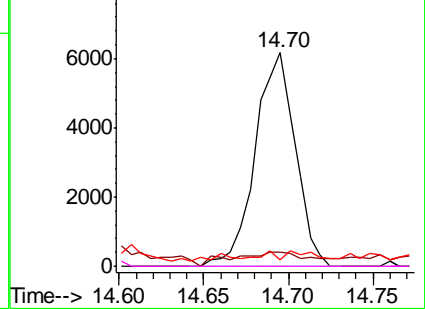
#57  
 2,4-Dinitrotoluene  
 Concen: 5.075 ng  
 RT: 14.70 min Scan# 1975  
 Delta R.T. -0.37 min  
 Lab File: BG038851.D  
 Acq: 27 Dec 2018 19:58

Instrument :  
 BNA\_G  
 ClientSampled :  
 COMP-5

Tgt Ion	Resp	Lower	Upper
165	10092		
63	6.8	39.0	58.4#
89	3.3	58.0	87.0#
182	0.0	2.3	3.5#

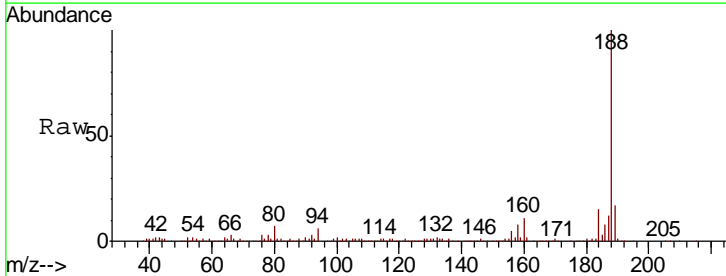


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BGC  
 Ion 89.00 (88.70 to 89.70): BGC  
 Ion 182.00 (181.70 to 182.70): E

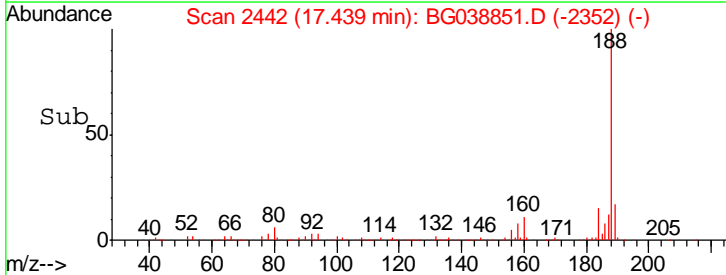
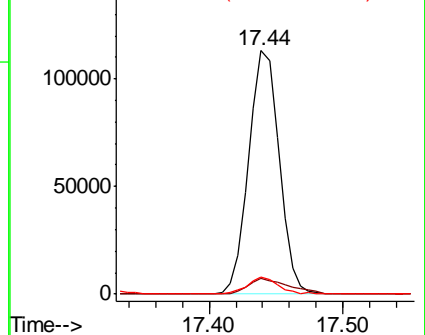


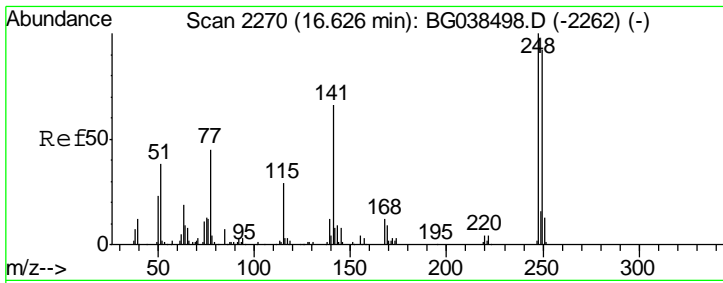
#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.44 min Scan# 2442  
 Delta R.T. -0.00 min  
 Lab File: BG038851.D  
 Acq: 27 Dec 2018 19:58

Tgt Ion	Resp	Lower	Upper
188	178049		
94	6.5	5.1	7.7
80	7.1	6.1	9.1



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

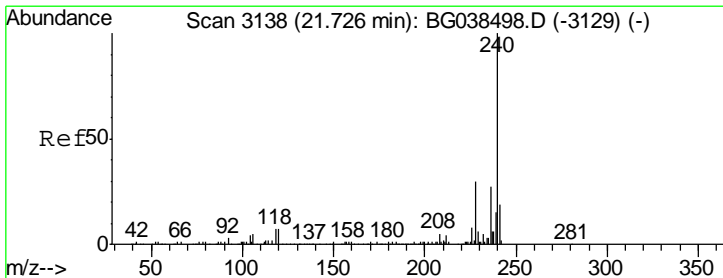
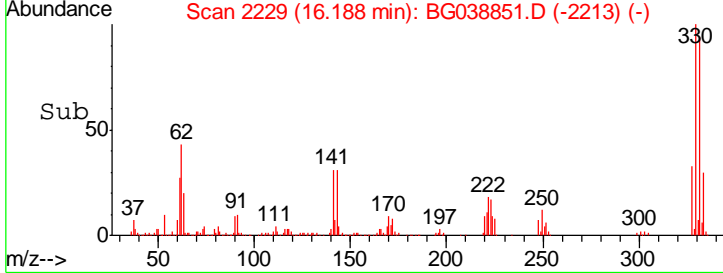
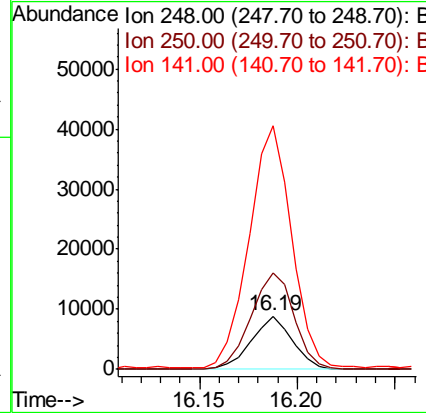
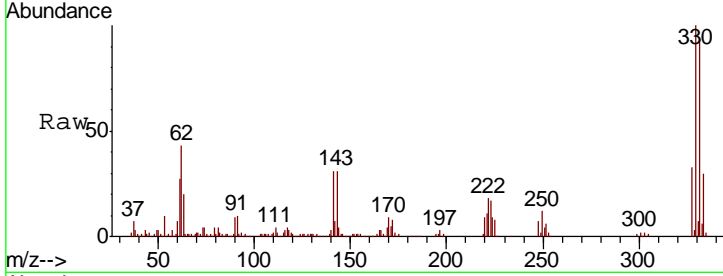




#67  
 4-Bromophenyl-phenylether  
 Concen: 5.859 ng  
 RT: 16.19 min Scan# 2229  
 Delta R.T. -0.44 min  
 Lab File: BG038851.D  
 Acq: 27 Dec 2018 19:58

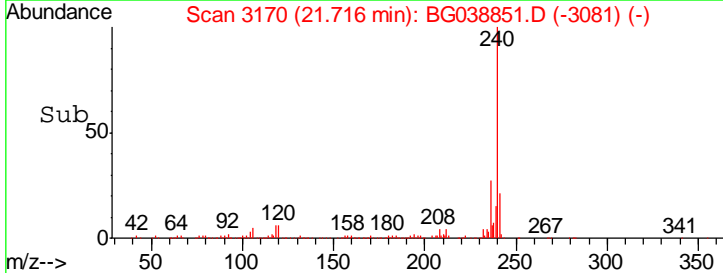
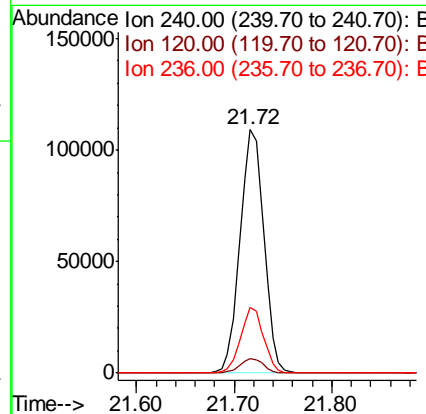
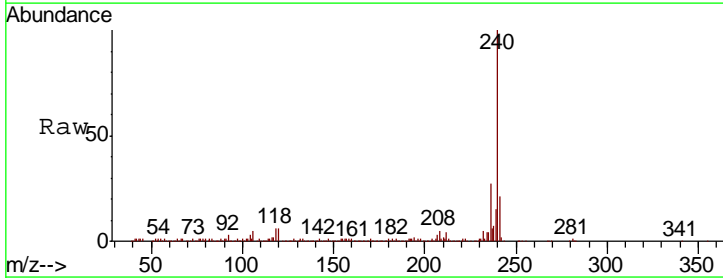
Instrument :  
 BNA\_G  
 ClientSampled :  
 COMP-5

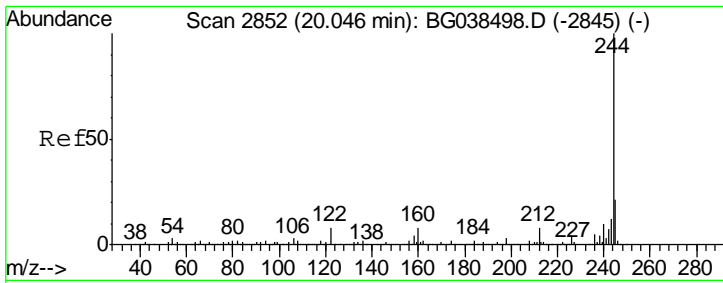
Tgt Ion	Resp	Lower	Upper
248	12740		
250	181.5	73.4	110.2#
141	350.4	52.9	79.3#



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.72 min Scan# 3170  
 Delta R.T. -0.01 min  
 Lab File: BG038851.D  
 Acq: 27 Dec 2018 19:58

Tgt Ion	Resp	Lower	Upper
240	186771		
240	100		
120	5.9	5.3	7.9
236	27.0	21.4	32.2

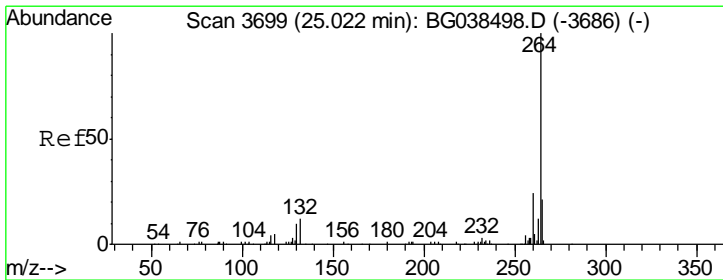
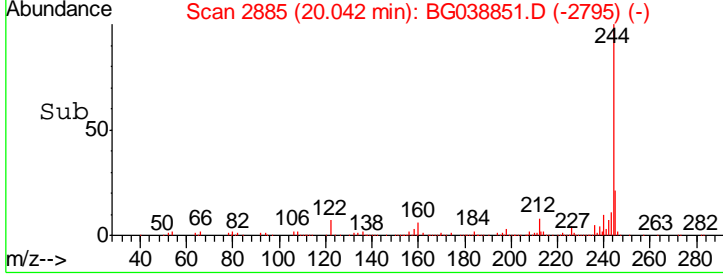
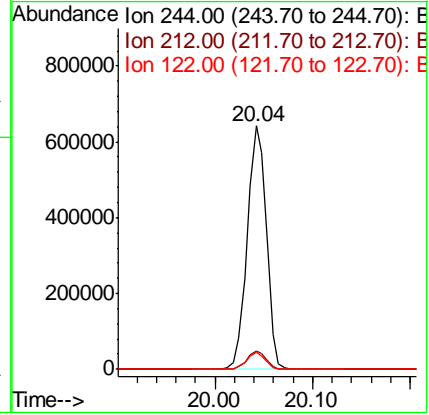
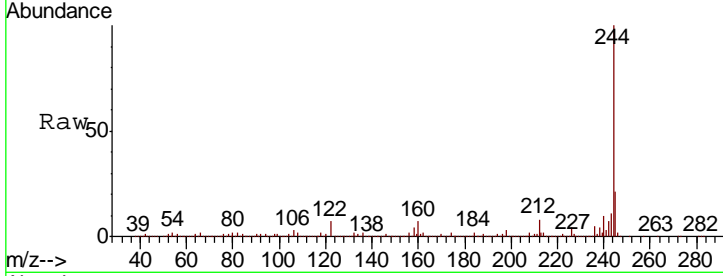




#79  
 Terphenyl-d14  
 Concen: 101.580 ng  
 RT: 20.04 min Scan# 2885  
 Delta R.T. -0.00 min  
 Lab File: BG038851.D  
 Acq: 27 Dec 2018 19:58

Instrument :  
 BNA\_G  
 ClientSampled :  
 COMP-5

Tgt Ion	Resp	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	6.9	6.3	9.5



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.02 min Scan# 3732  
 Delta R.T. -0.00 min  
 Lab File: BG038851.D  
 Acq: 27 Dec 2018 19:58

Tgt Ion	Resp	Lower	Upper
264	100		
260	22.8	18.9	28.3
265	21.9	17.0	25.4

