

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG121318\  
 Data File : BG038557.D  
 Acq On : 14 Dec 2018 7:10  
 Operator : JU/SJ  
 Sample : J6331-36  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-6

Quant Time: Dec 14 07:46:45 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

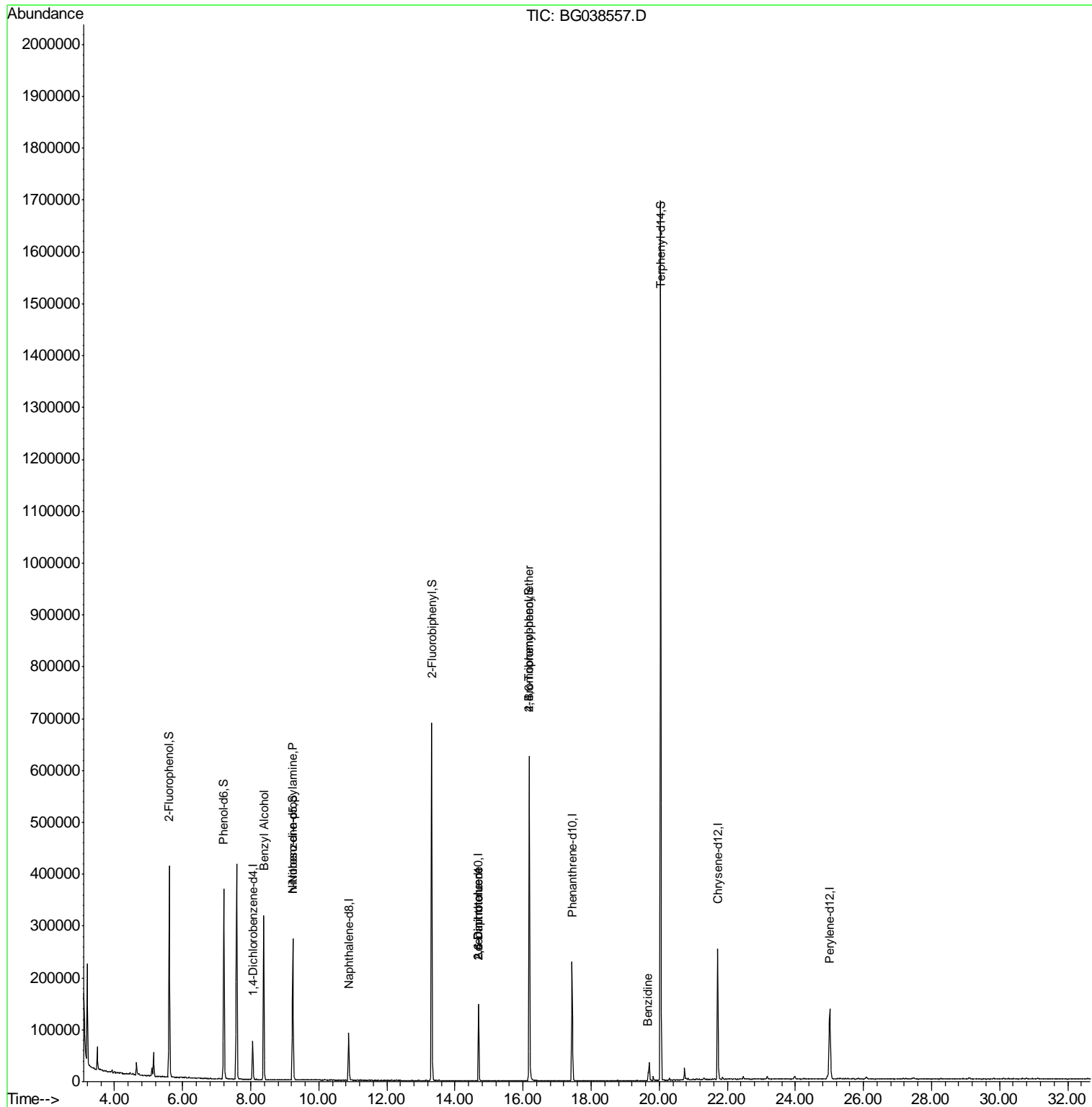
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	20740	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	84673	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	55717	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	152105	20.00	ng	0.00
76) Chrysene-d12	21.72	240	161195	20.00	ng	0.00
87) Perylene-d12	25.01	264	170813	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	171209	146.42	ng	0.00
7) Phenol-d6	7.21	99	207065	128.99	ng	0.00
23) Nitrobenzene-d5	9.23	82	166669	100.56	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	125623	163.60	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	382924	94.28	ng	0.00
79) Terphenyl-d14	20.04	244	816302	110.21	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.38	79	2640	2.107	ng	# 47
19) n-Nitroso-di-n-propylamine	9.23	70	23148	20.531	ng	# 70
51) 2,6-Dinitrotoluene	14.69	165	7477	7.251	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	7477	5.148	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	8613	4.637	ng	# 1
77) Benzidine	19.68	184	19683	4.129	ng	98

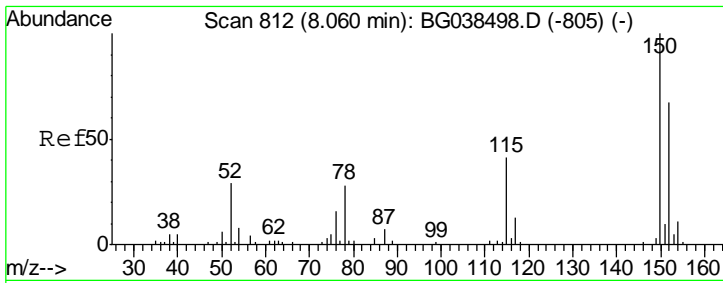
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 QLast Update : Wed Dec 12 15:26:27 2018  
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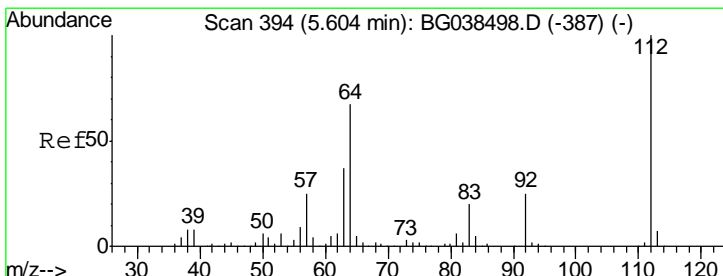
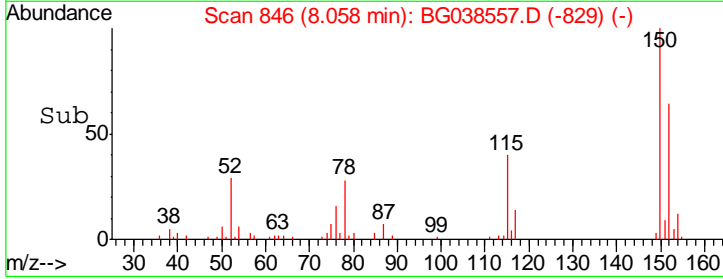
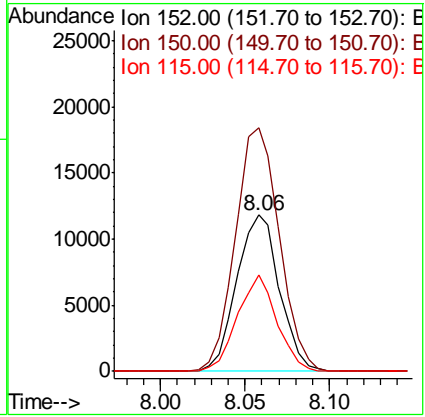
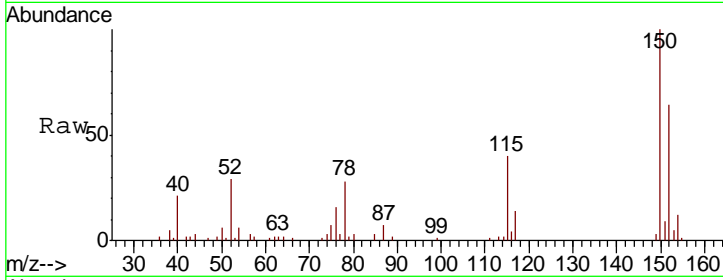




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.06 min Scan# 846  
 Delta R.T. -0.00 min  
 Lab File: BG038557.D  
 Acq: 14 Dec 2018 7:10

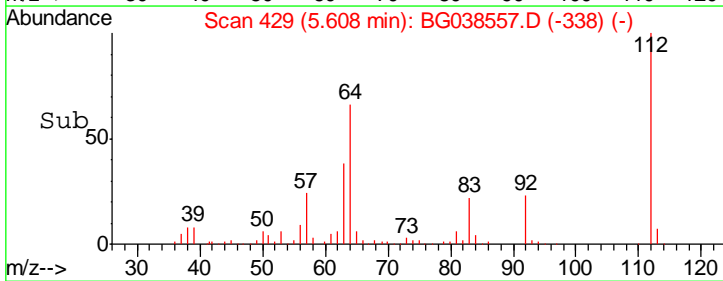
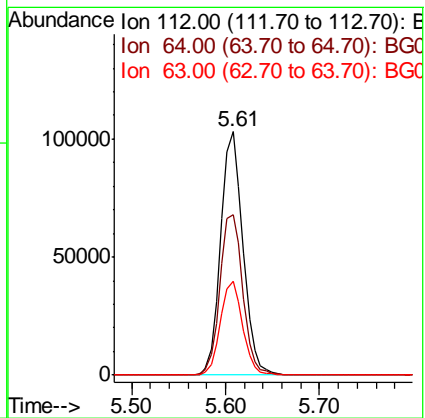
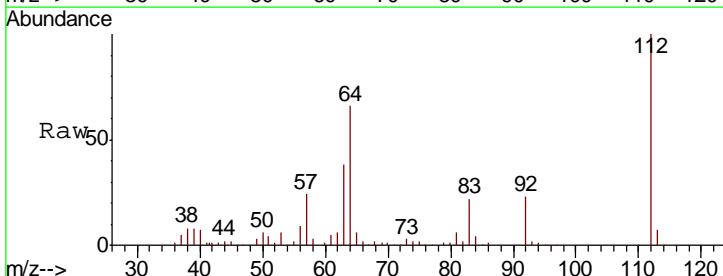
**Instrument :**  
 BNA\_G  
**ClientSampled :**  
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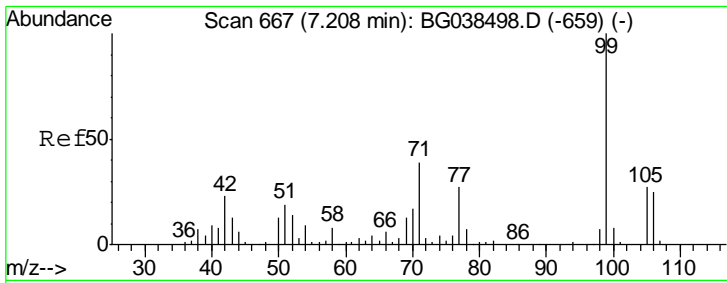
Tgt Ion	Resp	Lower	Upper
152	20740		
150	155.7	119.5	179.3
115	61.8	49.6	74.4



#5  
 2-Fluorophenol  
 Concen: 146.415 ng  
 RT: 5.61 min Scan# 429  
 Delta R.T. 0.00 min  
 Lab File: BG038557.D  
 Acq: 14 Dec 2018 7:10

Tgt Ion	Resp	Lower	Upper
112	171209		
64	65.8	53.4	80.2
63	38.3	29.3	43.9

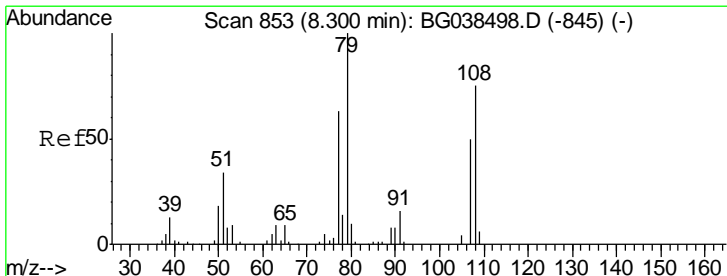
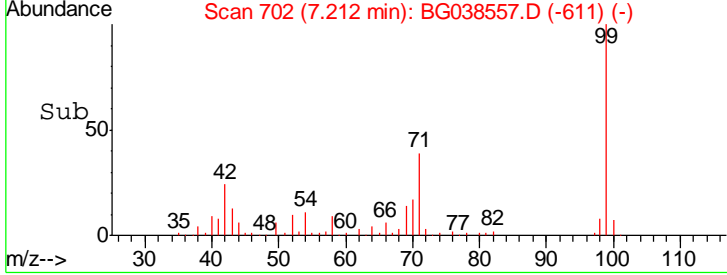
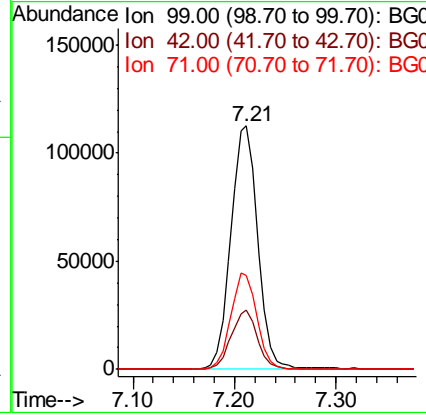
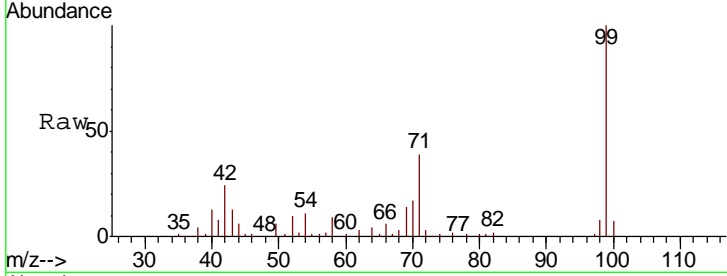




#7  
 Phenol-d6  
 Concen: 128.990 ng  
 RT: 7.21 min Scan# 702  
 Delta R.T. 0.00 min  
 Lab File: BG038557.D  
 Acq: 14 Dec 2018 7:10

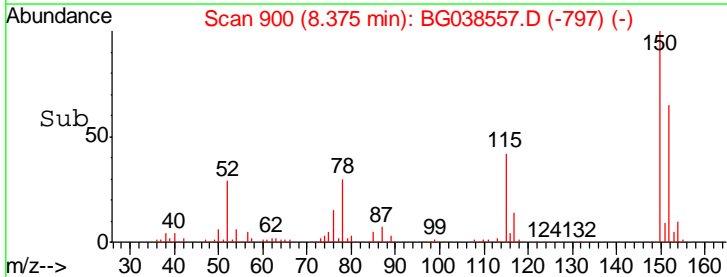
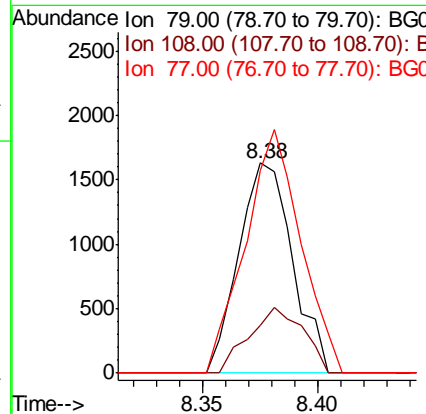
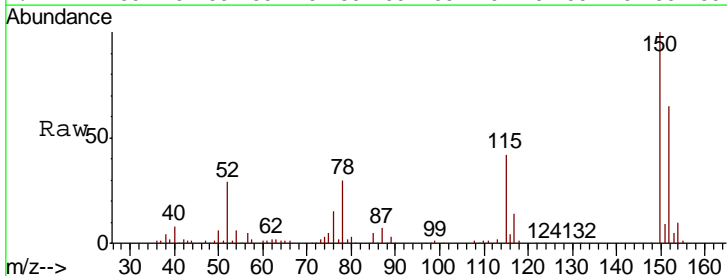
**Instrument :**  
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**ClientSampled :**  
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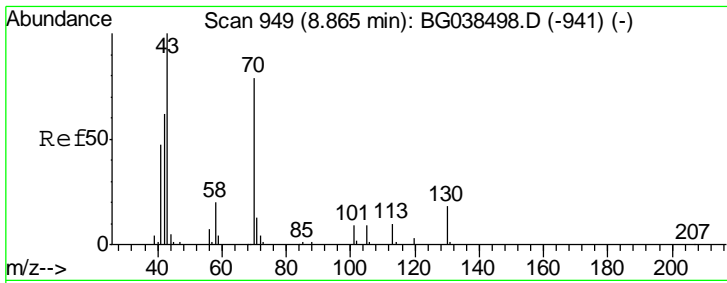
Tgt Ion	Resp	Lower	Upper
99	207065		
42	24.3	18.5	27.7
71	38.5	31.1	46.7



#15  
 Benzyl Alcohol  
 Concen: 2.107 ng  
 RT: 8.38 min Scan# 900  
 Delta R.T. 0.07 min  
 Lab File: BG038557.D  
 Acq: 14 Dec 2018 7:10

Tgt Ion	Resp	Lower	Upper
79	2640		
108	22.5	60.2	90.4#
77	96.3	50.7	76.1#

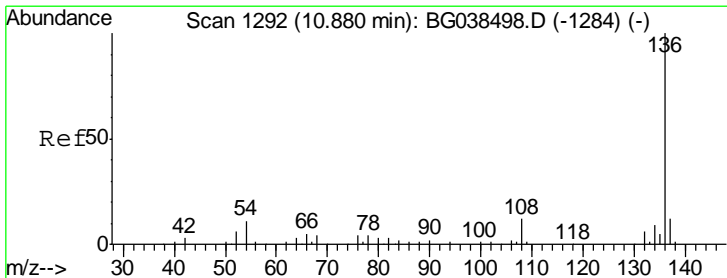
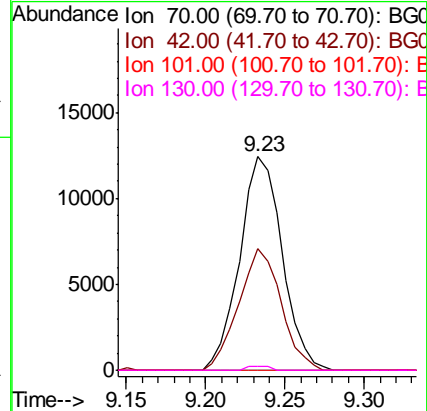
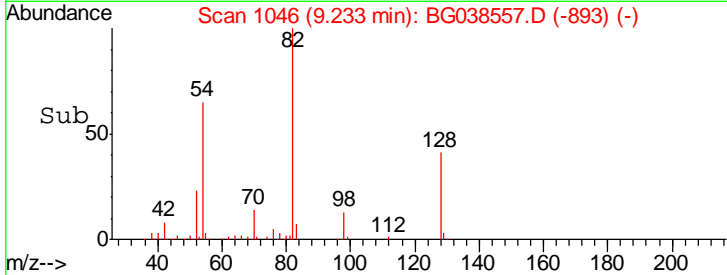
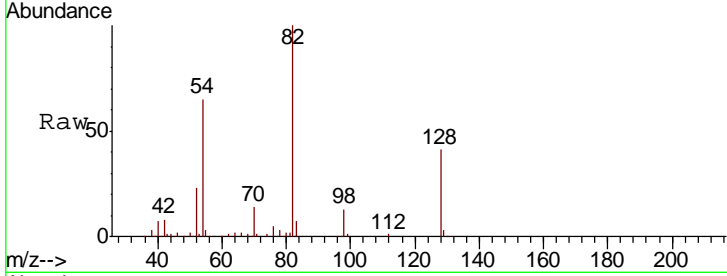




#19  
 n-Nitroso-di-n-propylamine  
 Concen: 20.531 ng  
 RT: 9.23 min Scan# 1046  
 Delta R.T. 0.37 min  
 Lab File: BG038557.D  
 Acq: 14 Dec 2018 7:10

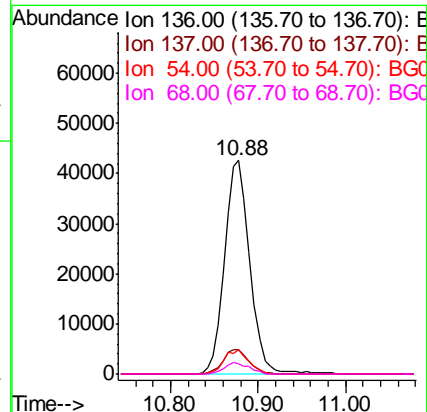
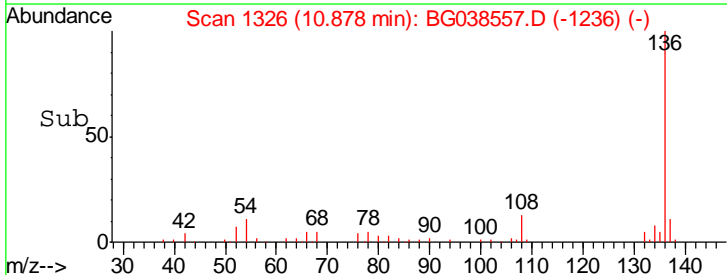
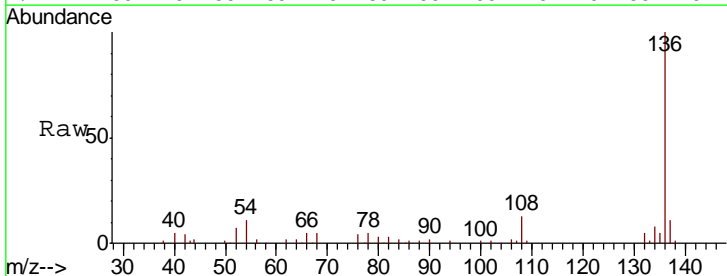
Instrument :  
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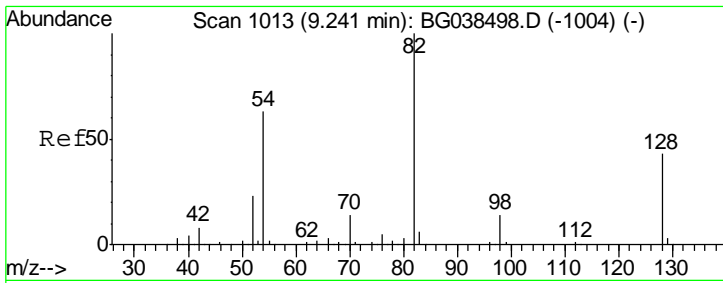
Tgt Ion	Resp	Lower	Upper
70	100		
42	57.1	63.6	95.4#
101	0.0	9.2	13.8#
130	1.6	18.5	27.7#



#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.88 min Scan# 1326  
 Delta R.T. -0.00 min  
 Lab File: BG038557.D  
 Acq: 14 Dec 2018 7:10

Tgt Ion	Resp	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	11.3	8.5	12.7
68	4.6	3.5	5.3

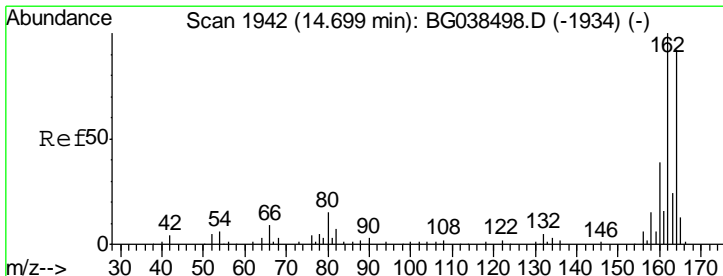
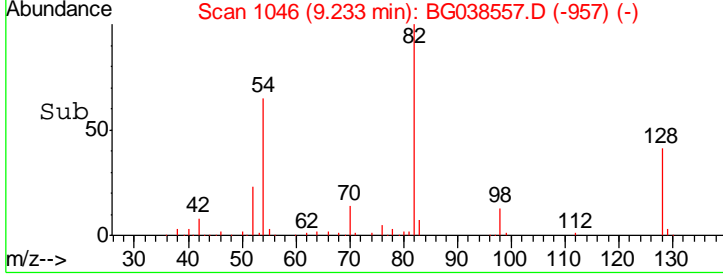
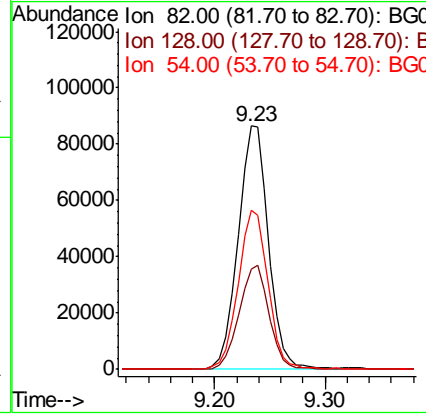
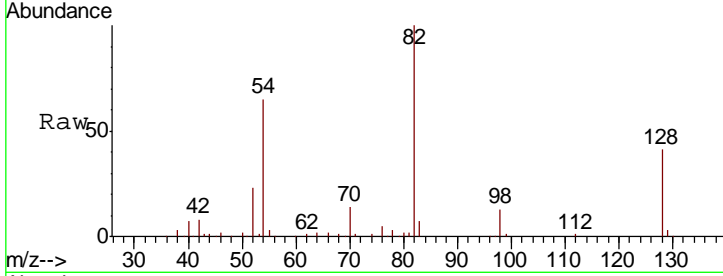




#23  
 Nitrobenzene-d5  
 Concen: 100.559 ng  
 RT: 9.23 min Scan# 1046  
 Delta R.T. -0.01 min  
 Lab File: BG038557.D  
 Acq: 14 Dec 2018 7:10

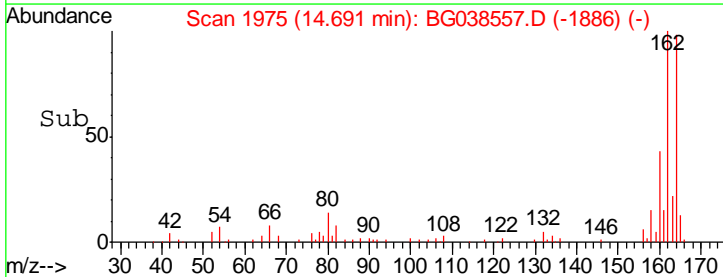
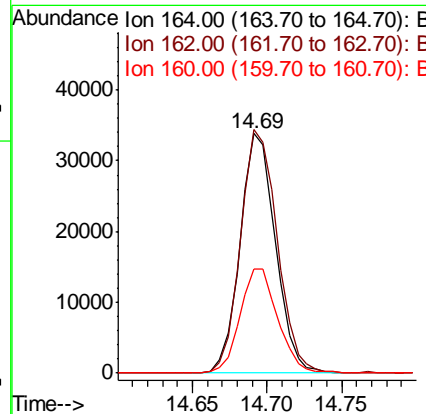
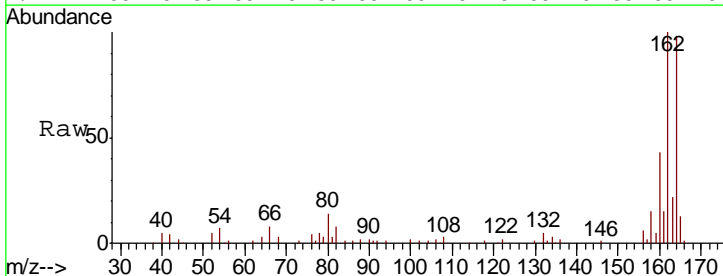
Instrument :  
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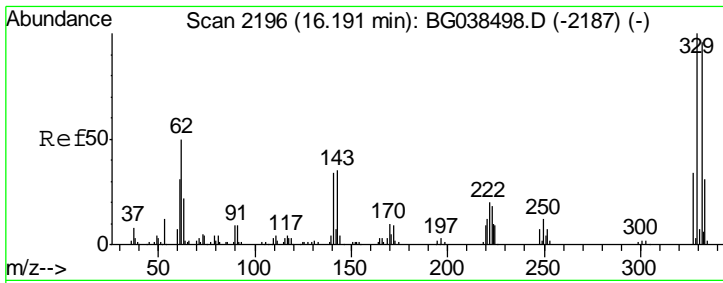
Tgt Ion	Resp	Lower	Upper
82	166669		
128	41.4	34.6	52.0
54	65.5	50.6	76.0



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.69 min Scan# 1975  
 Delta R.T. -0.01 min  
 Lab File: BG038557.D  
 Acq: 14 Dec 2018 7:10

Tgt Ion	Resp	Lower	Upper
164	55717		
162	101.6	86.6	130.0
160	43.6	34.2	51.2

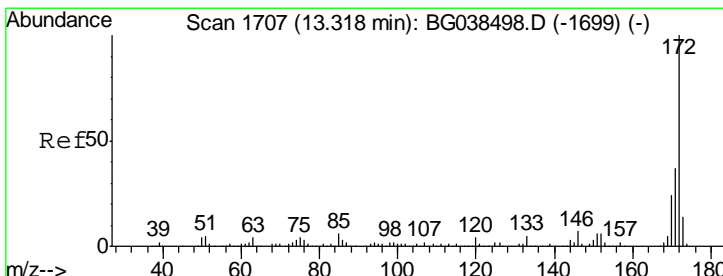
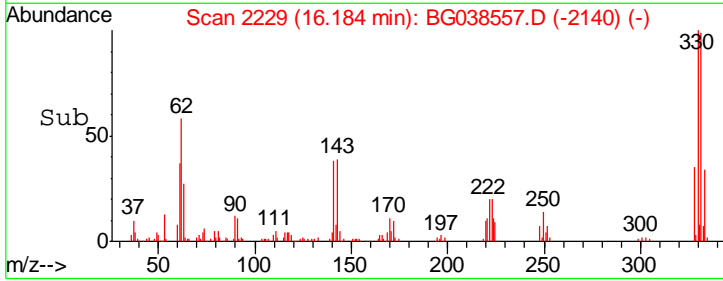
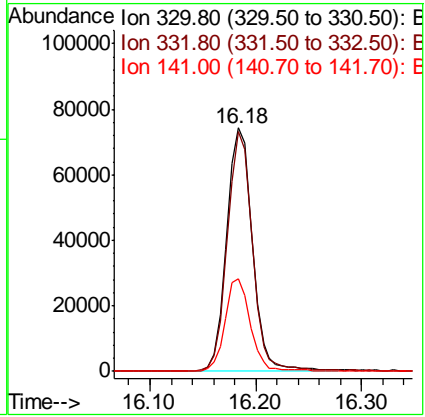
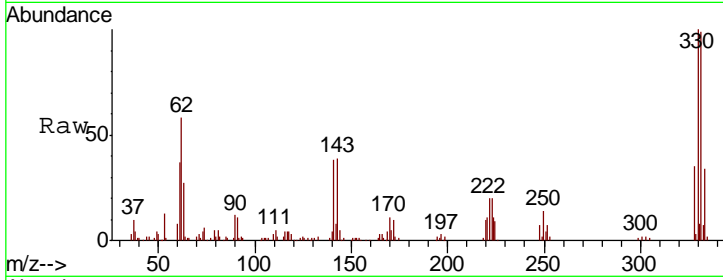




#42  
 2,4,6-Tribromophenol  
 Concen: 163.597 ng  
 RT: 16.18 min Scan# 2229  
 Delta R.T. -0.01 min  
 Lab File: BG038557.D  
 Acq: 14 Dec 2018 7:10

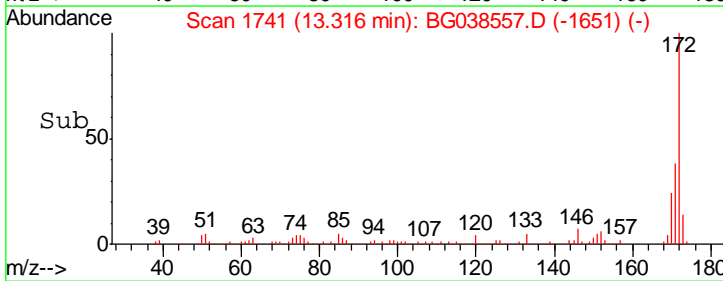
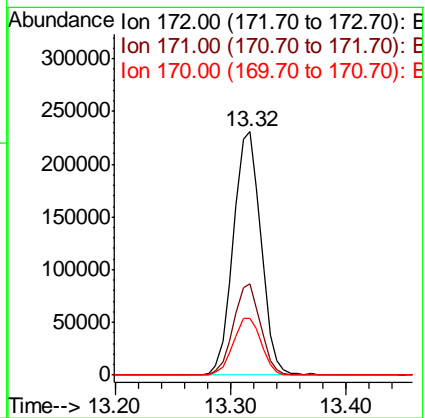
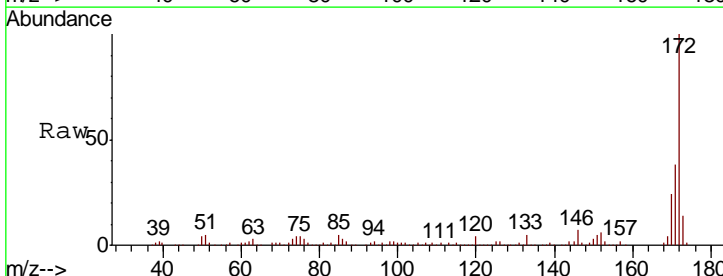
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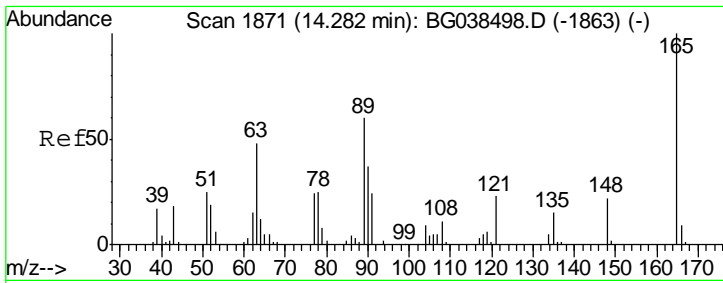
Tgt Ion	Resp	Lower	Upper
330	100		
332	95.9	76.9	115.3
141	37.4	28.8	43.2



#45  
 2-Fluorobiphenyl  
 Concen: 94.282 ng  
 RT: 13.32 min Scan# 1741  
 Delta R.T. -0.00 min  
 Lab File: BG038557.D  
 Acq: 14 Dec 2018 7:10

Tgt Ion	Resp	Lower	Upper
172	100		
171	37.5	29.8	44.6
170	23.5	19.5	29.3

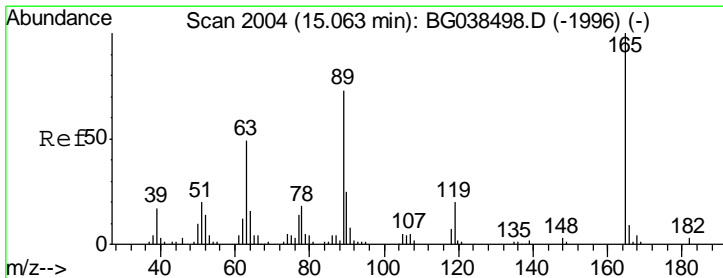
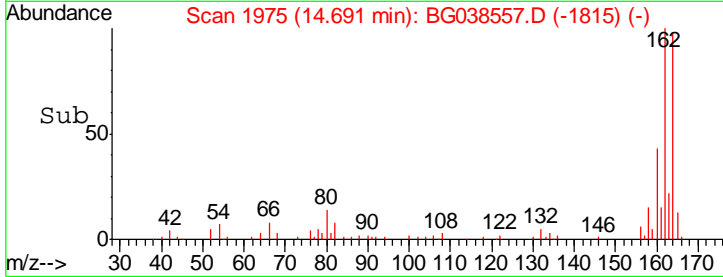
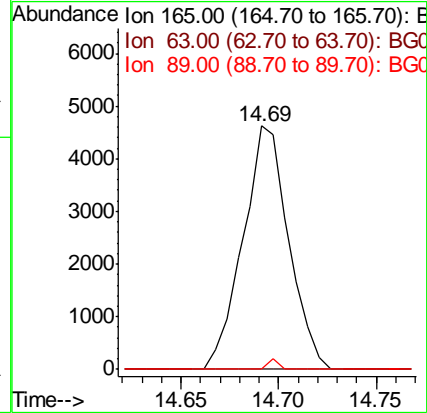
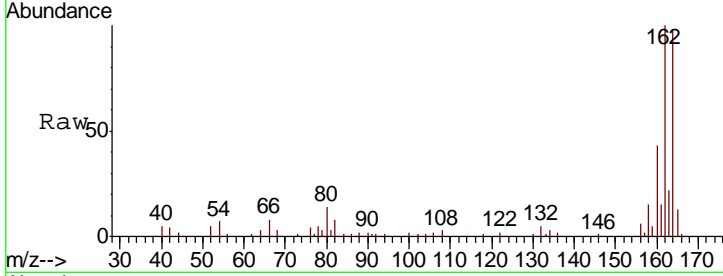




#51  
 2,6-Dinitrotoluene  
 Concen: 7.251 ng  
 RT: 14.69 min Scan# 1975  
 Delta R.T. 0.41 min  
 Lab File: BG038557.D  
 Acq: 14 Dec 2018 7:10

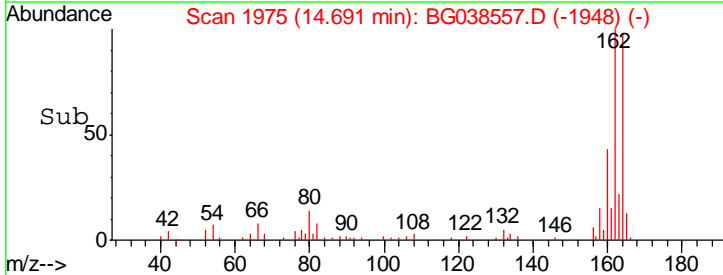
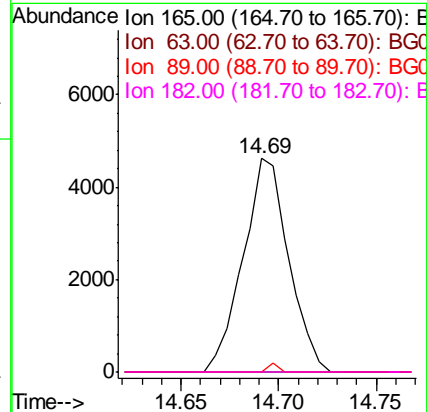
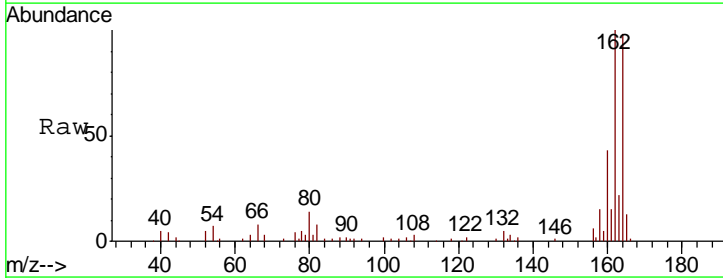
Instrument :  
 BNA\_G  
 ClientSampleId :  
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Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	0.0	47.9	71.9#

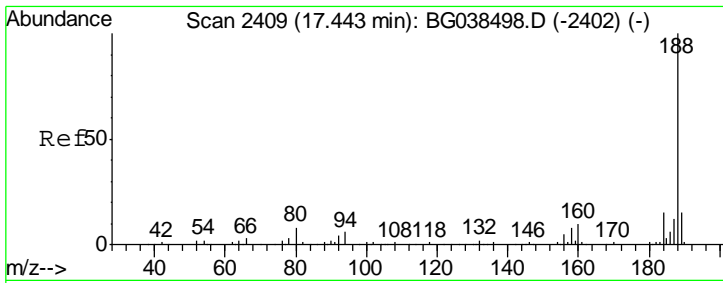


#57  
 2,4-Dinitrotoluene  
 Concen: 5.148 ng  
 RT: 14.69 min Scan# 1975  
 Delta R.T. -0.37 min  
 Lab File: BG038557.D  
 Acq: 14 Dec 2018 7:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#



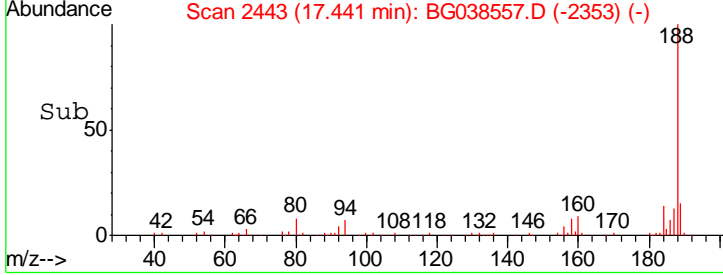
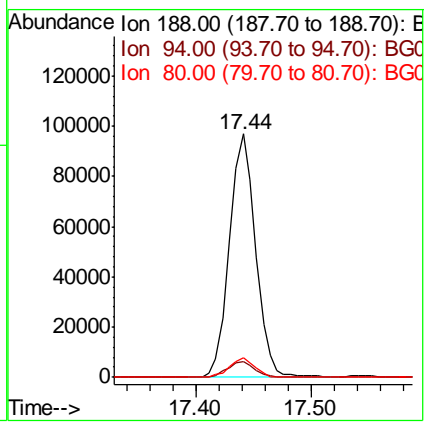
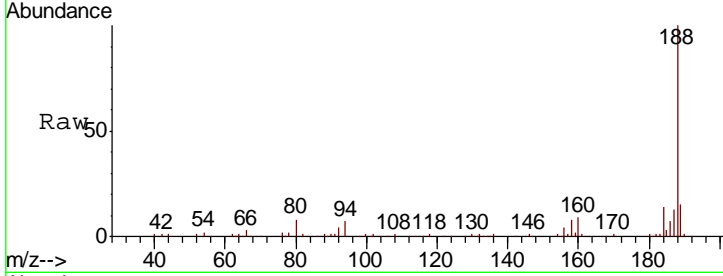




#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.44 min Scan# 2443  
 Delta R.T. -0.00 min  
 Lab File: BG038557.D  
 Acq: 14 Dec 2018 7:10

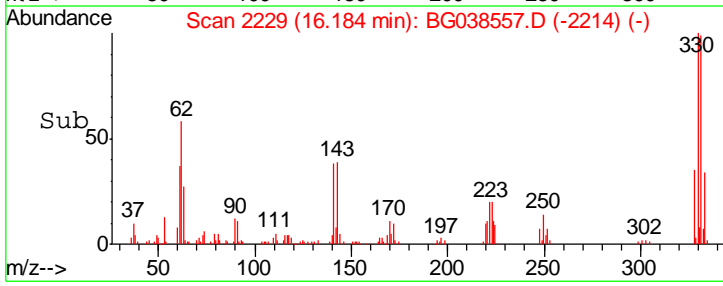
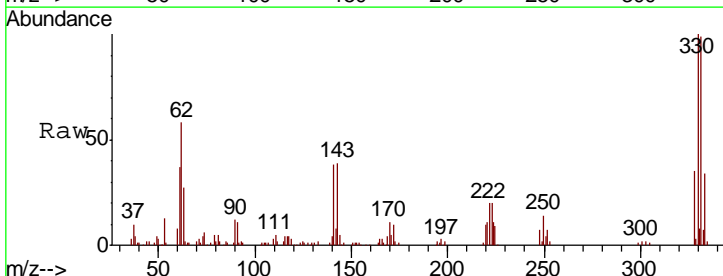
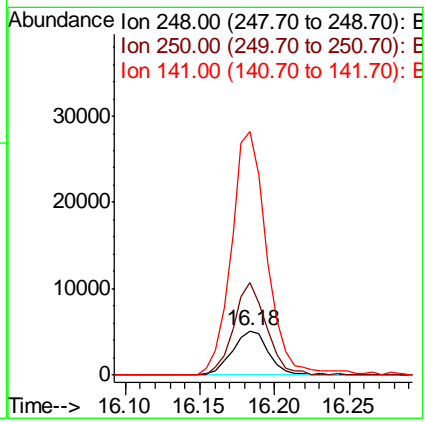
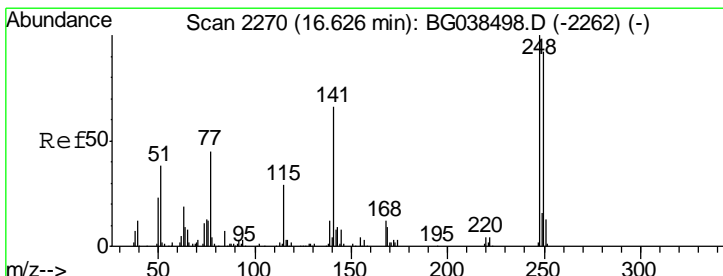
Instrument :  
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 ClientSampled :  
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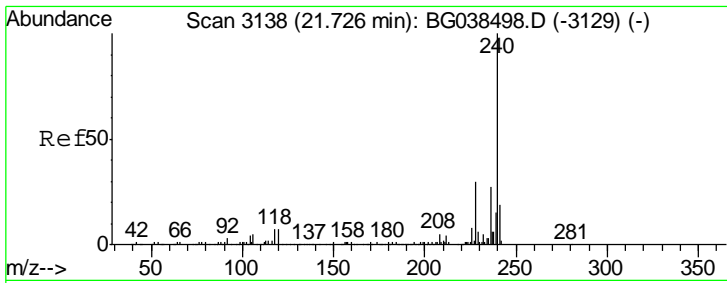
Tgt Ion	Resp	Lower	Upper
188	152105		
94	6.6	5.1	7.7
80	8.1	6.1	9.1



#67  
 4-Bromophenyl-phenylether  
 Concen: 4.637 ng  
 RT: 16.18 min Scan# 2229  
 Delta R.T. -0.44 min  
 Lab File: BG038557.D  
 Acq: 14 Dec 2018 7:10

Tgt Ion	Resp	Lower	Upper
248	8613		
250	205.6	73.4	110.2#
141	427.3	52.9	79.3#

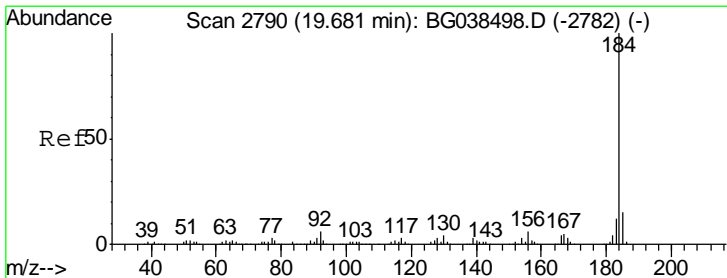
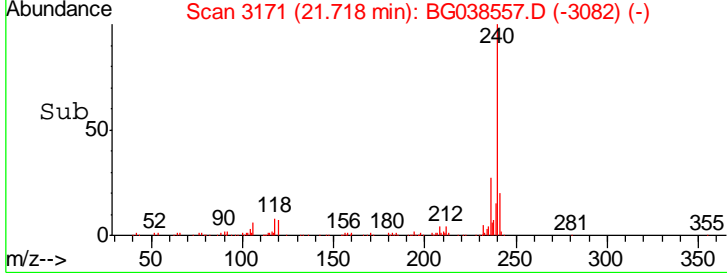
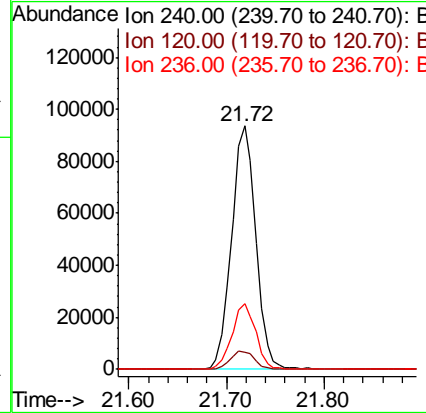
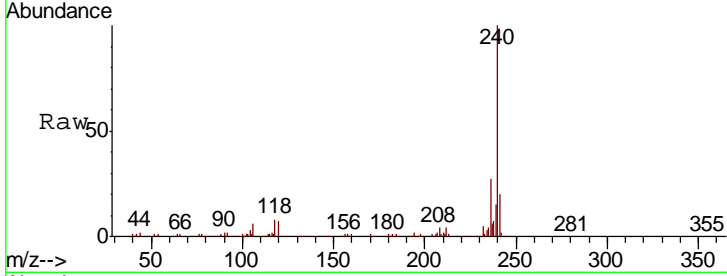




#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.72 min Scan# 3171  
 Delta R.T. -0.01 min  
 Lab File: BG038557.D  
 Acq: 14 Dec 2018 7:10

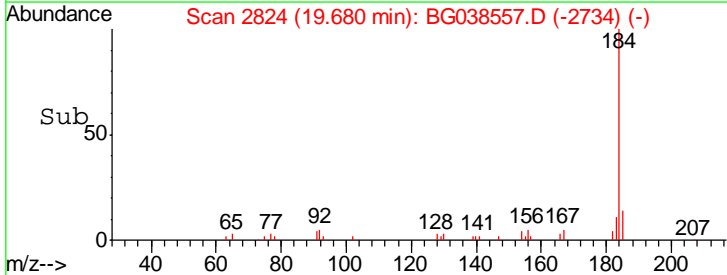
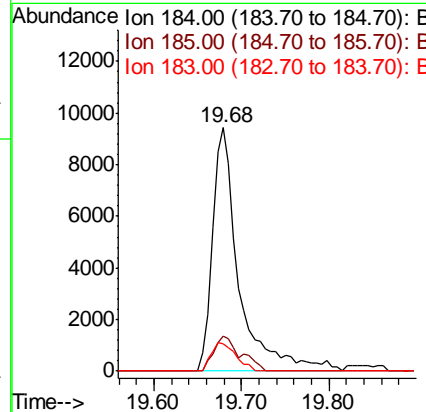
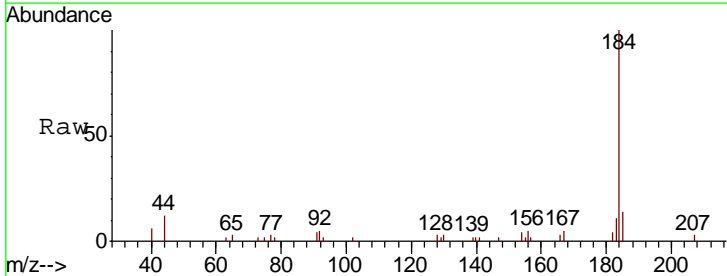
Instrument :  
 BNA\_G  
 ClientSampled :  
 TP-6

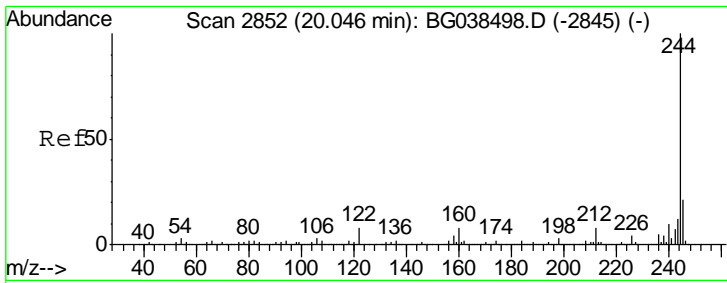
Tgt Ion	Resp	Lower	Upper
240	161195		
120	7.1	5.3	7.9
236	26.9	21.4	32.2



#77  
 Benzidine  
 Concen: 4.129 ng  
 RT: 19.68 min Scan# 2824  
 Delta R.T. -0.00 min  
 Lab File: BG038557.D  
 Acq: 14 Dec 2018 7:10

Tgt Ion	Resp	Lower	Upper
184	19683		
185	14.4	12.2	18.2
183	11.1	9.6	14.4

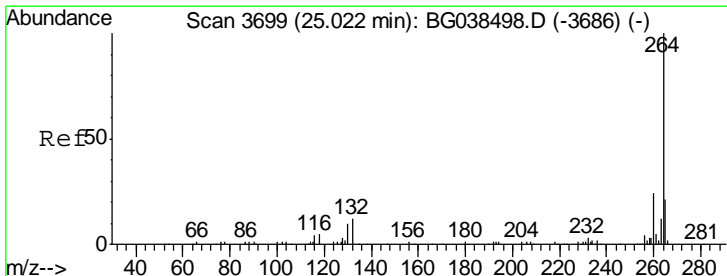
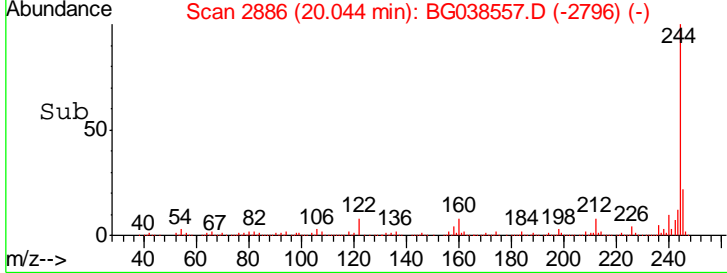
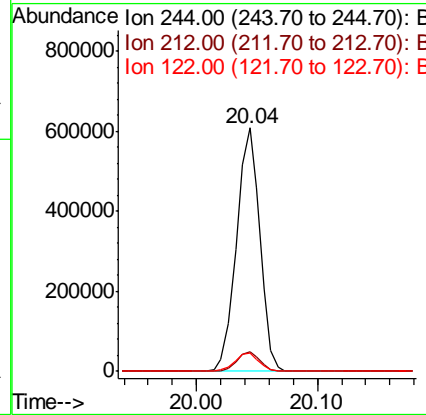
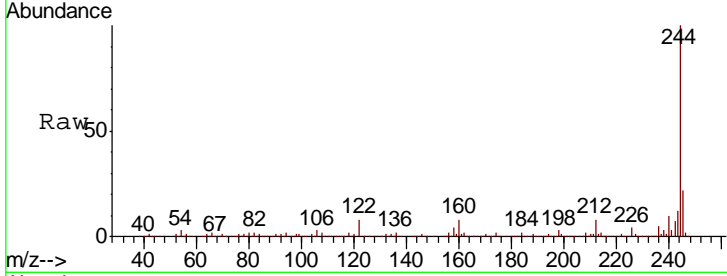




#79  
 Terphenyl-d14  
 Concen: 110.211 ng  
 RT: 20.04 min Scan# 2886  
 Delta R.T. -0.00 min  
 Lab File: BG038557.D  
 Acq: 14 Dec 2018 7:10

Instrument :  
 BNA\_G  
 ClientSampled :  
 TP-6

Tgt Ion	Resp	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	7.6	6.3	9.5



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.01 min Scan# 3731  
 Delta R.T. -0.01 min  
 Lab File: BG038557.D  
 Acq: 14 Dec 2018 7:10

Tgt Ion	Resp	Lower	Upper
264	100		
260	20.9	18.9	28.3
265	19.6	17.0	25.4

