

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\  
 Data File : BG037931.D  
 Acq On : 9 Nov 2018 21:54  
 Operator : JU/SJ  
 Sample : J5884-08  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-7-S

Quant Time: Nov 12 06:11:02 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 18 14:06:42 2018  
 Response via : Initial Calibration

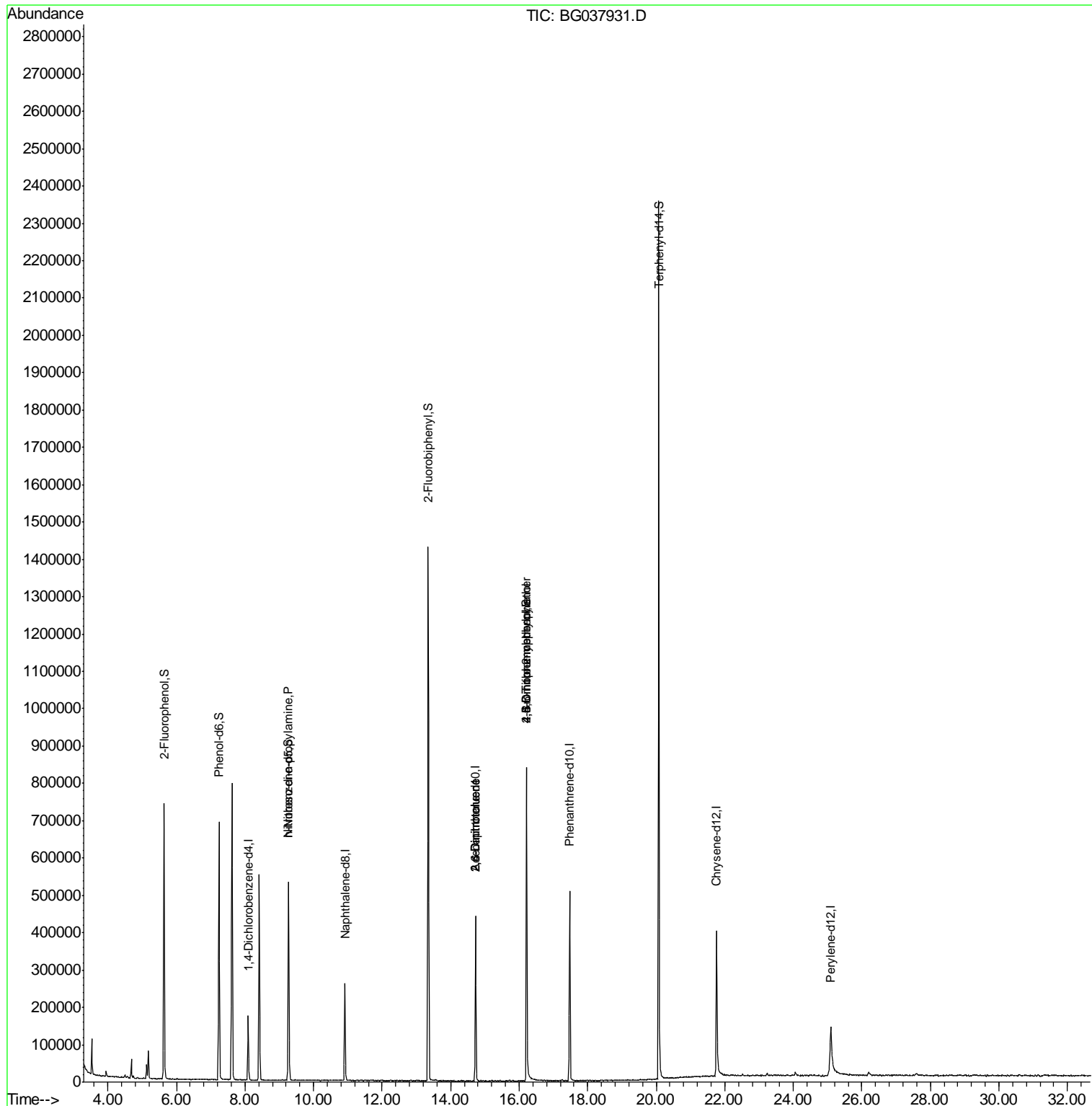
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	51511	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	235764	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	157587	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	345096	20.00	ng	0.00
76) Chrysene-d12	21.76	240	292695	20.00	ng	-0.02
87) Perylene-d12	25.09	264	217624	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	343927	111.63	ng	0.00
7) Phenol-d6	7.24	99	454195	97.49	ng	0.00
23) Nitrobenzene-d5	9.27	82	344726	81.91	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	166559	96.91	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	792752	75.86	ng	-0.02
79) Terphenyl-d14	20.07	244	1227615	89.62	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	43246	13.480	ng	# 72
51) 2,6-Dinitrotoluene	14.73	165	20429	7.575	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	20429	5.771	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.21	198	569	8.766	ng	72
67) 4-Bromophenyl-phenylether	16.21	248	12209	3.222	ng	# 1

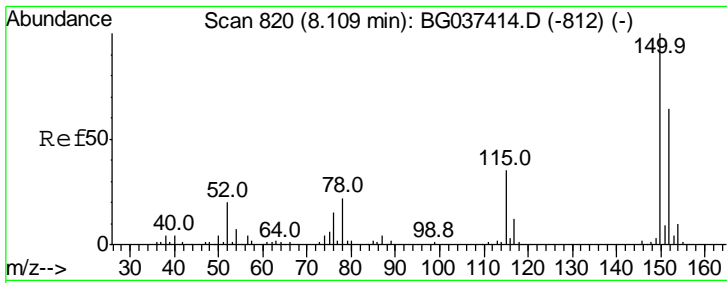
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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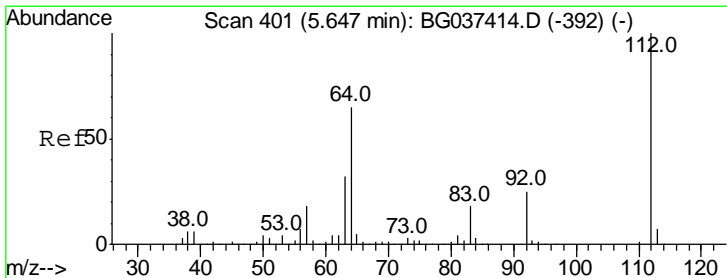
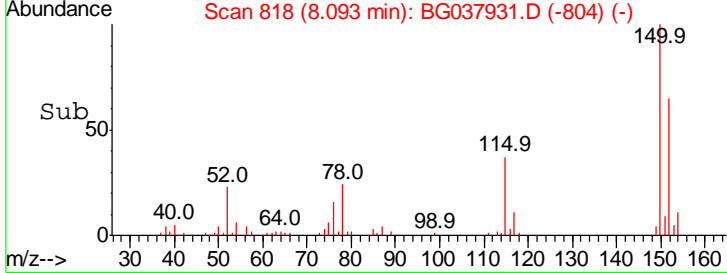
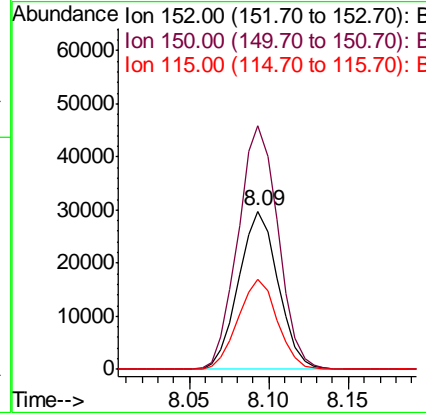
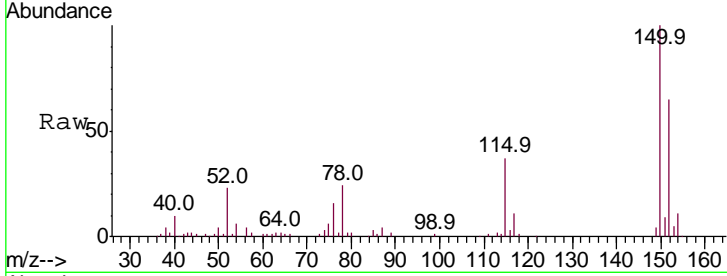




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.09 min Scan# 818  
 Delta R.T. -0.02 min  
 Lab File: BG037931.D  
 Acq: 9 Nov 2018 21:54

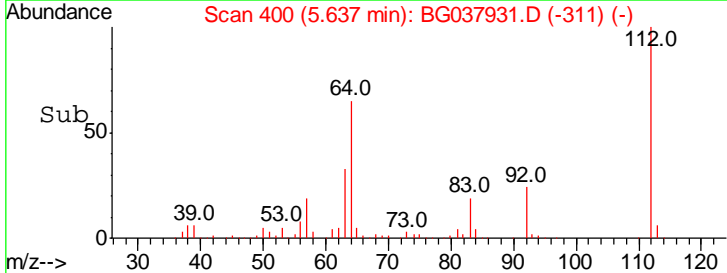
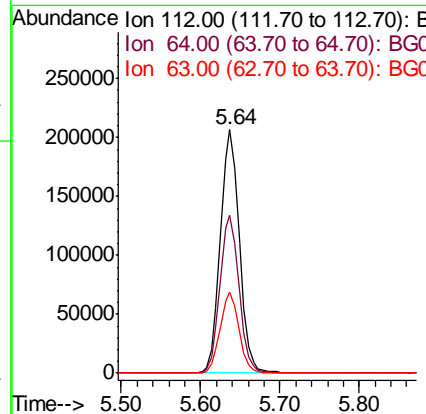
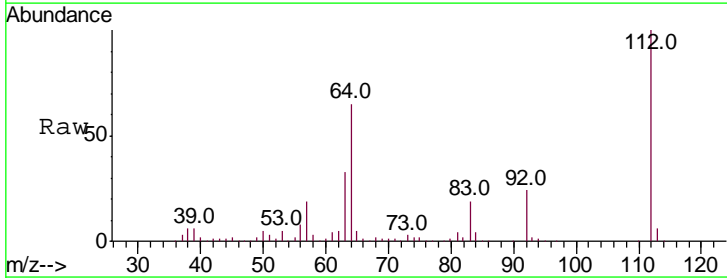
Instrument :  
 BNA\_G  
 ClientSampled :  
 TP-7-S

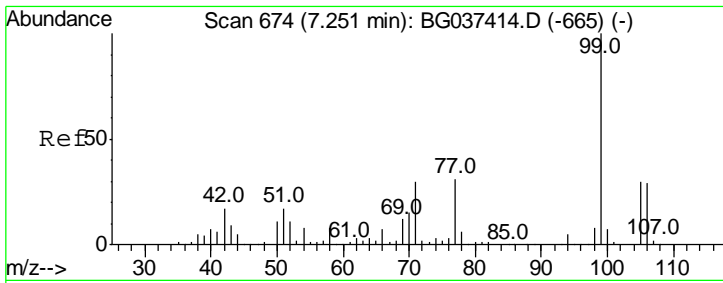
Tgt Ion	Resp	Lower	Upper
152	51511		
152	100		
150	154.0	126.0	189.0
115	56.6	45.5	68.3



#5  
 2-Fluorophenol  
 Concen: 111.626 ng  
 RT: 5.64 min Scan# 400  
 Delta R.T. -0.01 min  
 Lab File: BG037931.D  
 Acq: 9 Nov 2018 21:54

Tgt Ion	Resp	Lower	Upper
112	343927		
112	100		
64	64.6	53.1	79.7
63	33.3	27.3	40.9

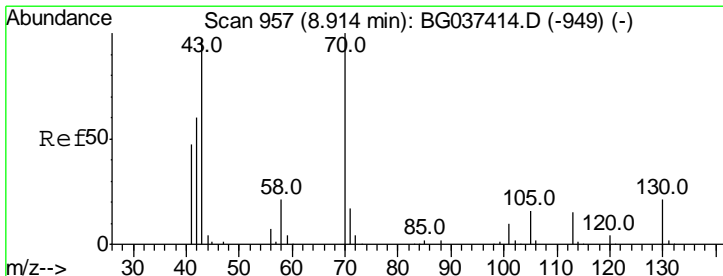
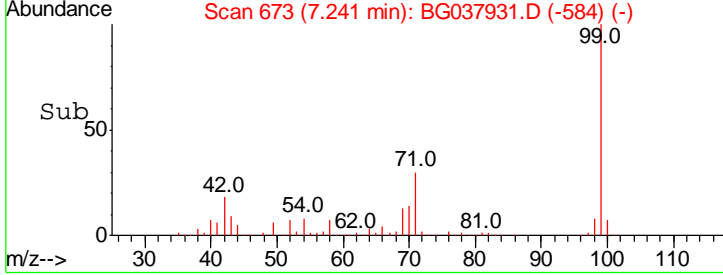
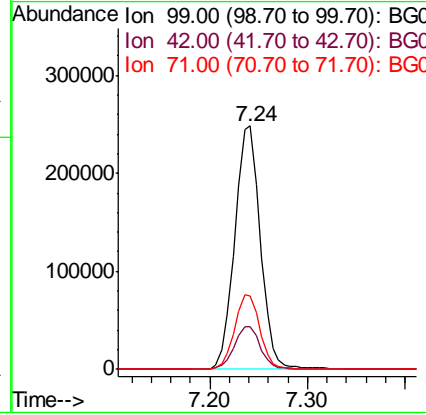
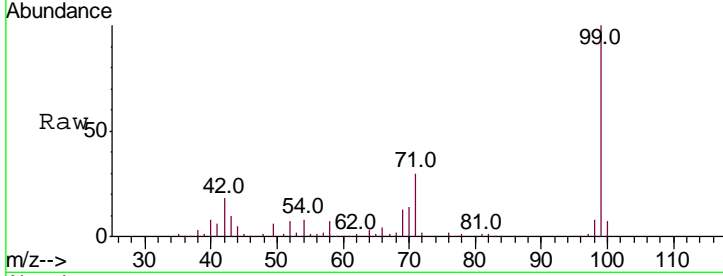




#7  
 Phenol-d6  
 Concen: 97.488 ng  
 RT: 7.24 min Scan# 673  
 Delta R.T. -0.01 min  
 Lab File: BG037931.D  
 Acq: 9 Nov 2018 21:54

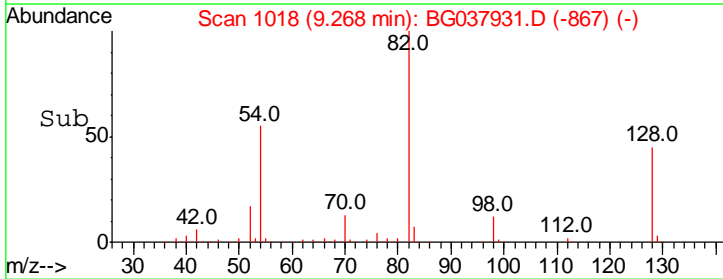
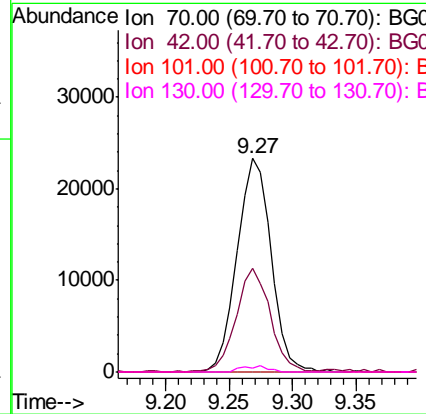
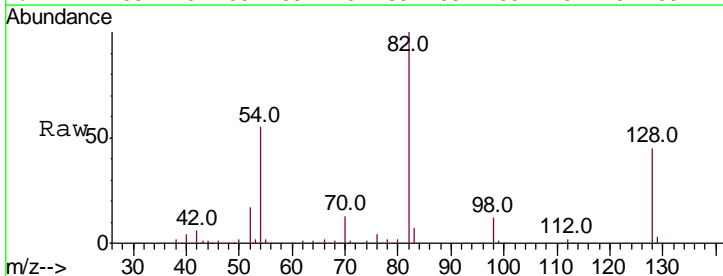
Instrument :  
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 ClientSampleID :  
 TP-7-S

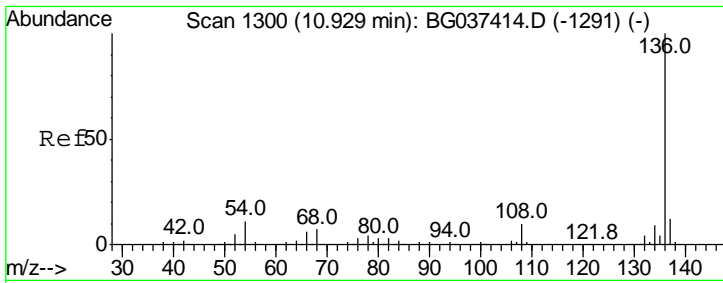
Tgt Ion	Resp	Lower	Upper
99	100		
42	17.7	15.0	22.4
71	30.0	25.5	38.3



#19  
 n-Nitroso-di-n-propylamine  
 Concen: 13.480 ng  
 RT: 9.27 min Scan# 1018  
 Delta R.T. 0.35 min  
 Lab File: BG037931.D  
 Acq: 9 Nov 2018 21:54

Tgt Ion	Resp	Lower	Upper
70	100		
42	48.8	53.9	80.9#
101	0.0	8.2	12.2#
130	2.1	18.2	27.4#



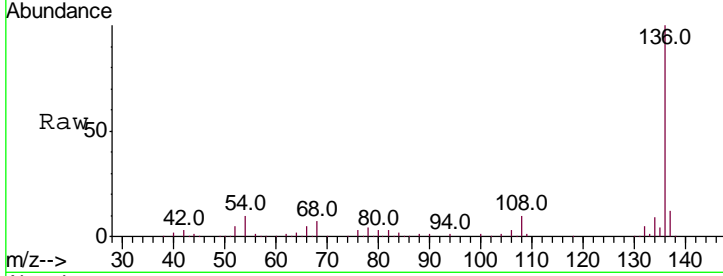


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.91 min Scan# 1298  
 Delta R.T. -0.02 min  
 Lab File: BG037931.D  
 Acq: 9 Nov 2018 21:54

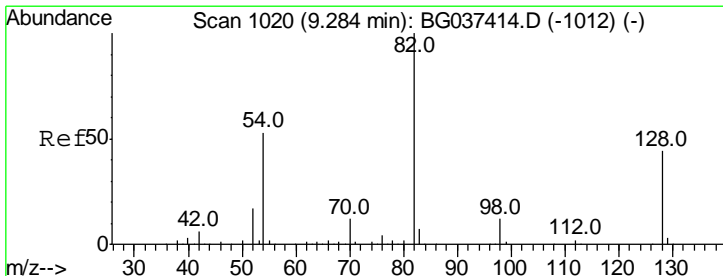
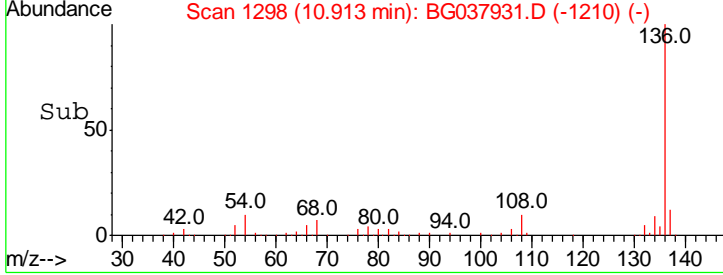
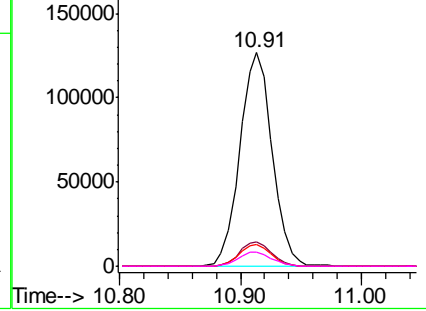
Instrument :  
 BNA\_G  
 ClientSampled :  
 TP-7-S

Tot Ion: 136 Resp: 235764

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	10.2	7.9	11.9
68	6.5	4.8	7.2



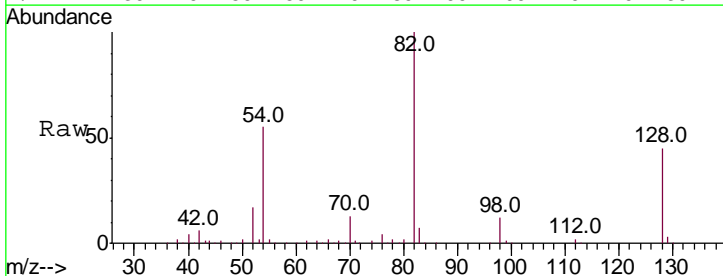
Abundance Ion 136.00 (135.70 to 136.70): E  
 Ion 137.00 (136.70 to 137.70): E  
 Ion 54.00 (53.70 to 54.70): BGC  
 Ion 68.00 (67.70 to 68.70): BGC



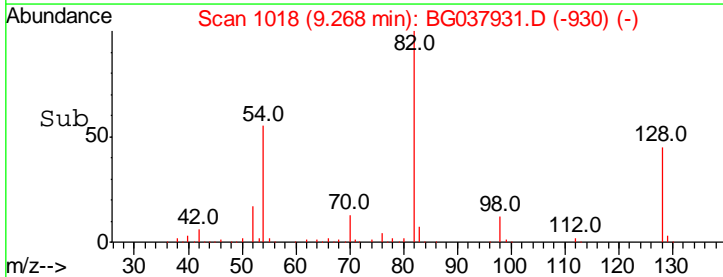
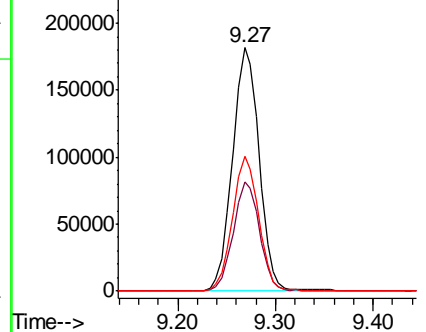
#23  
 Nitrobenzene-d5  
 Concen: 81.909 ng  
 RT: 9.27 min Scan# 1018  
 Delta R.T. -0.02 min  
 Lab File: BG037931.D  
 Acq: 9 Nov 2018 21:54

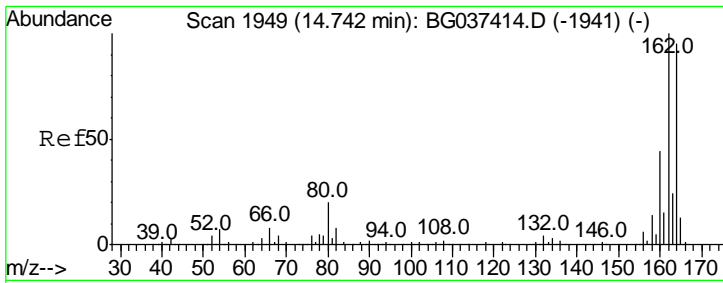
Tgt Ion: 82 Resp: 344726

Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.6	51.8
54	55.3	45.3	67.9



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

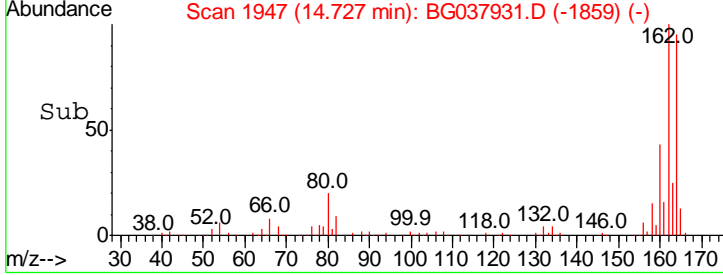
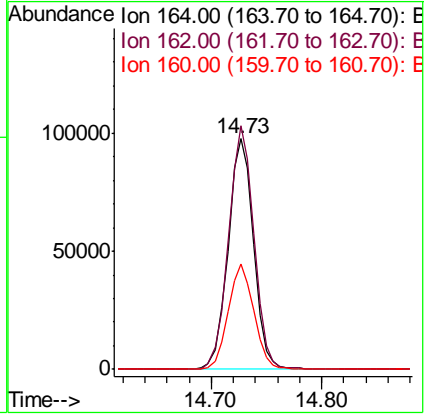
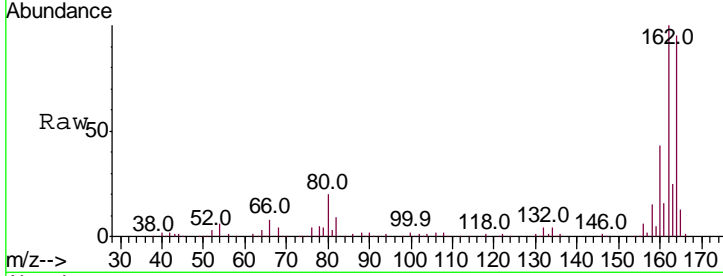




#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.73 min Scan# 1947  
 Delta R.T. -0.02 min  
 Lab File: BG037931.D  
 Acq: 9 Nov 2018 21:54

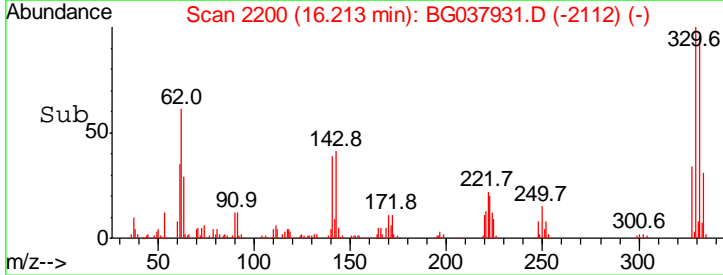
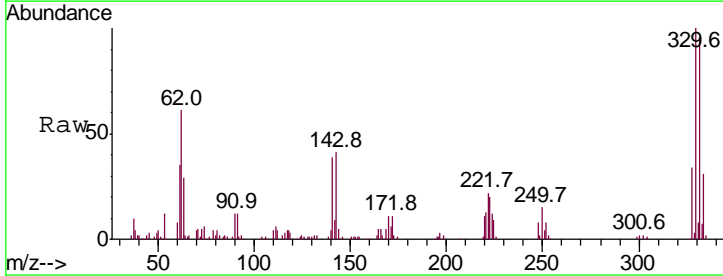
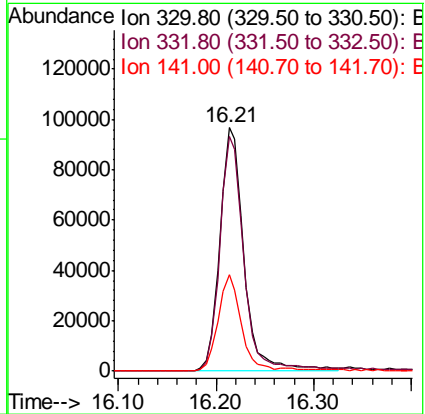
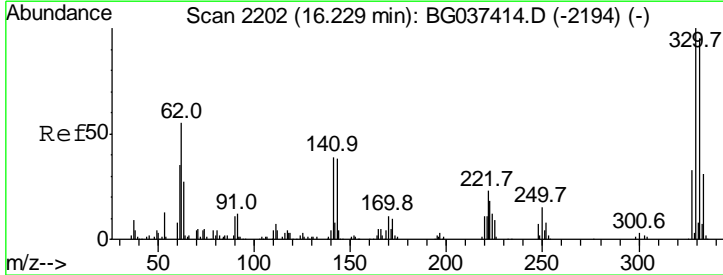
Instrument :  
 BNA\_G  
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 TP-7-S

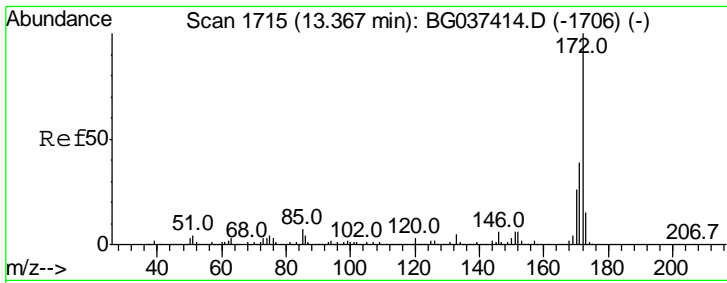
Tgt Ion	Resp	Lower	Upper
164	100		
162	105.5	81.3	121.9
160	45.7	36.3	54.5



#42  
 2,4,6-Tribromophenol  
 Concen: 96.905 ng  
 RT: 16.21 min Scan# 2200  
 Delta R.T. -0.02 min  
 Lab File: BG037931.D  
 Acq: 9 Nov 2018 21:54

Tgt Ion	Resp	Lower	Upper
330	100		
332	95.4	78.4	117.6
141	38.4	32.2	48.2

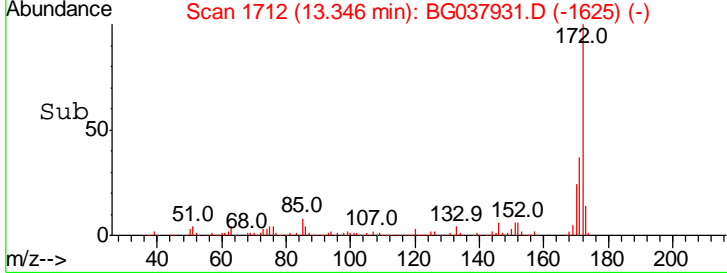
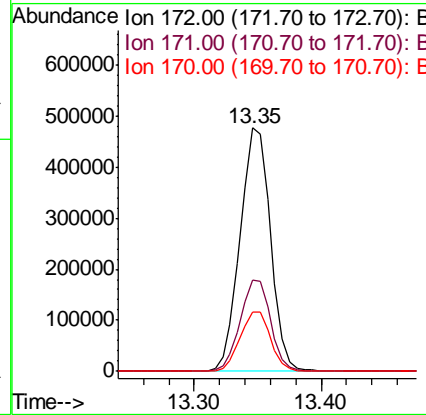
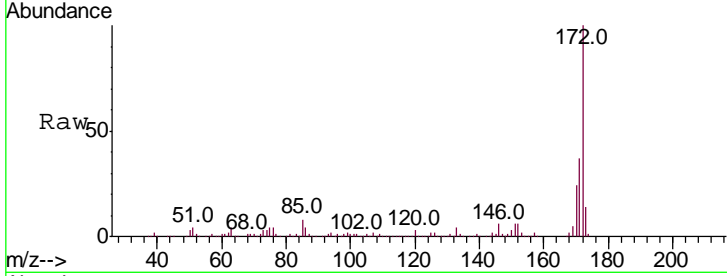




#45  
 2-Fluorobiphenyl  
 Concen: 75.858 ng  
 RT: 13.35 min Scan# 1712  
 Delta R.T. -0.02 min  
 Lab File: BG037931.D  
 Acq: 9 Nov 2018 21:54

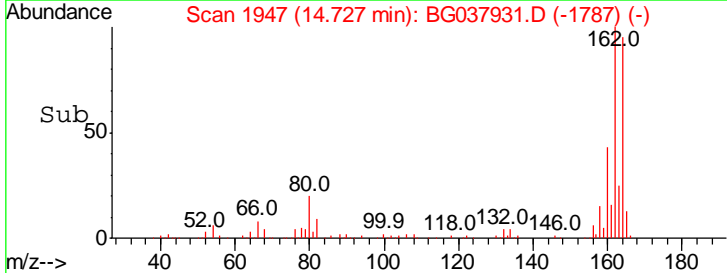
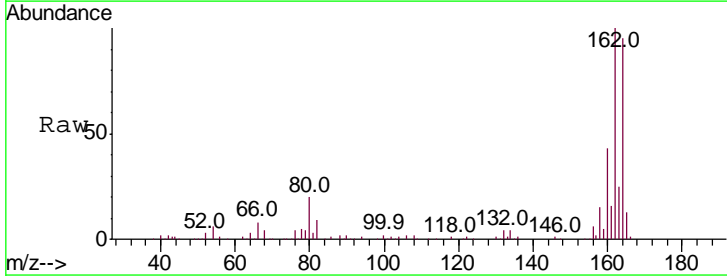
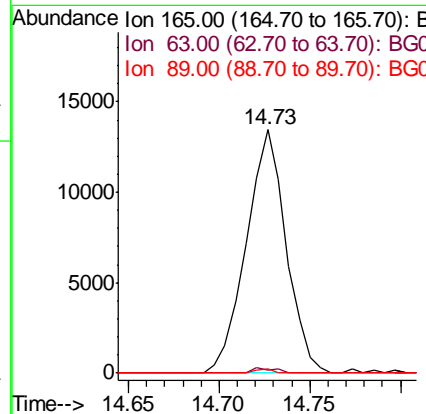
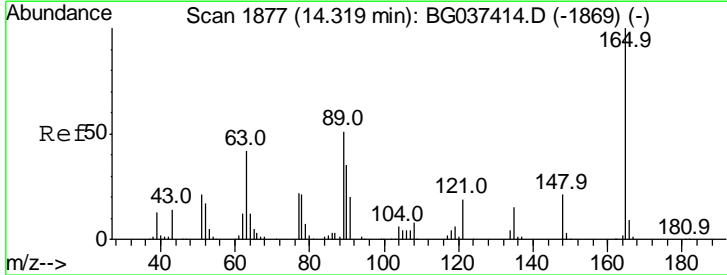
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 BNA\_G  
 ClientSampleID :  
 TP-7-S

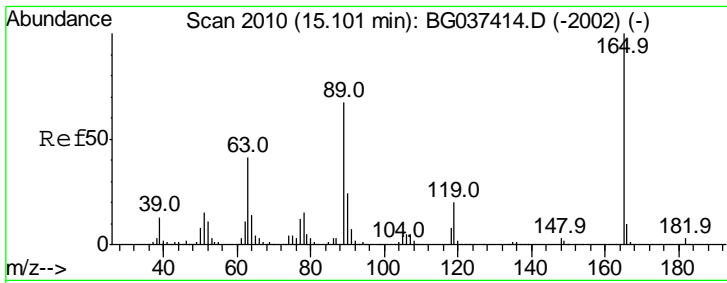
Tgt Ion	Resp	Lower	Upper
172	100		
171	37.3	31.0	46.4
170	24.4	20.2	30.2



#51  
 2,6-Dinitrotoluene  
 Concen: 7.575 ng  
 RT: 14.73 min Scan# 1947  
 Delta R.T. 0.41 min  
 Lab File: BG037931.D  
 Acq: 9 Nov 2018 21:54

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.2	43.4	65.2#
89	1.5	45.8	68.6#

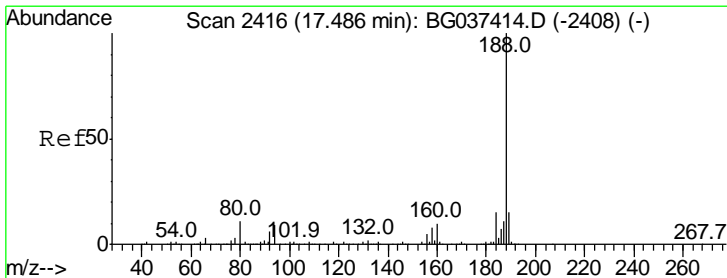
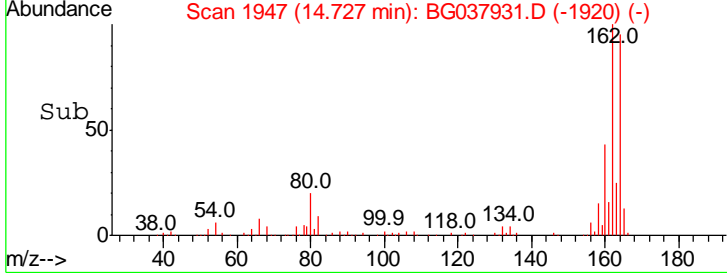
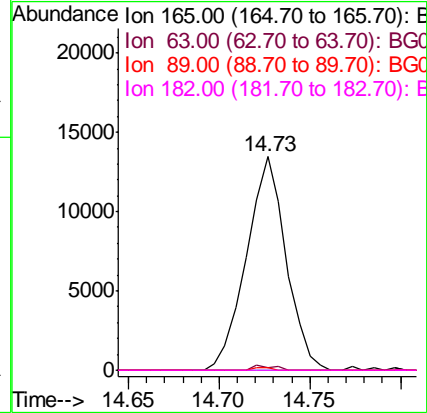
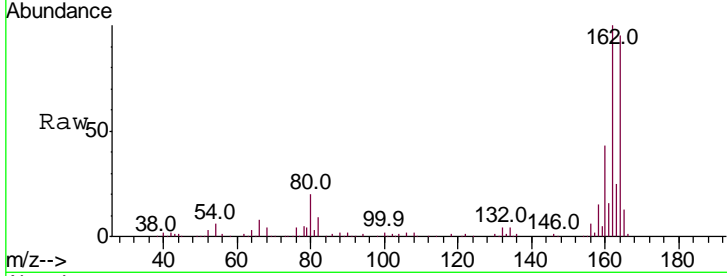




#57  
 2,4-Dinitrotoluene  
 Concen: 5.771 ng  
 RT: 14.73 min Scan# 1947  
 Delta R.T. -0.37 min  
 Lab File: BG037931.D  
 Acq: 9 Nov 2018 21:54

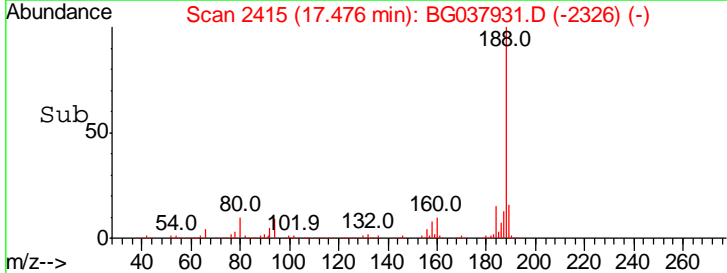
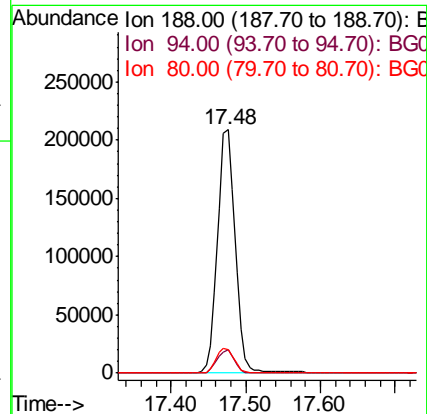
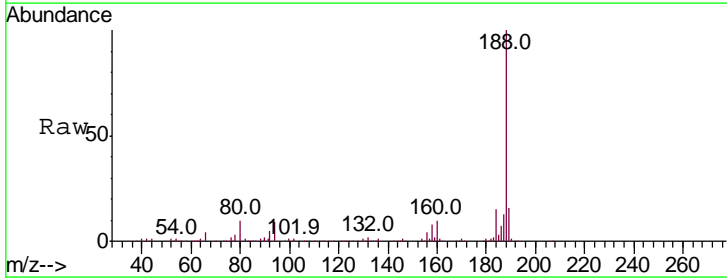
Instrument :  
 BNA\_G  
 ClientSampled :  
 TP-7-S

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.2	33.4	50.0#
89	1.5	57.2	85.8#
182	0.0	2.6	4.0#

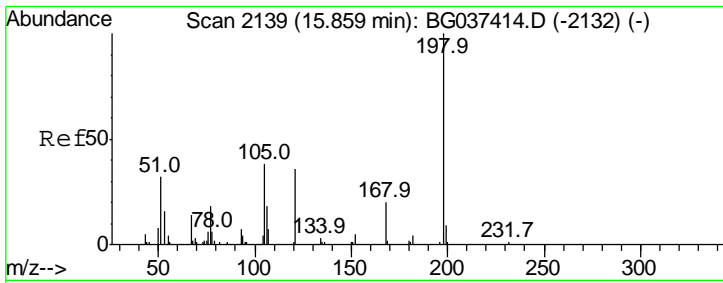


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.48 min Scan# 2415  
 Delta R.T. -0.01 min  
 Lab File: BG037931.D  
 Acq: 9 Nov 2018 21:54

Tgt Ion	Resp	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	9.6	7.7	11.5



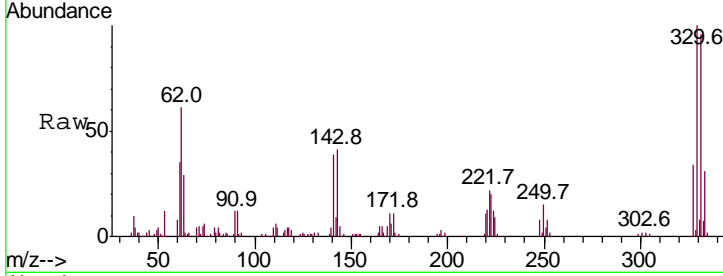




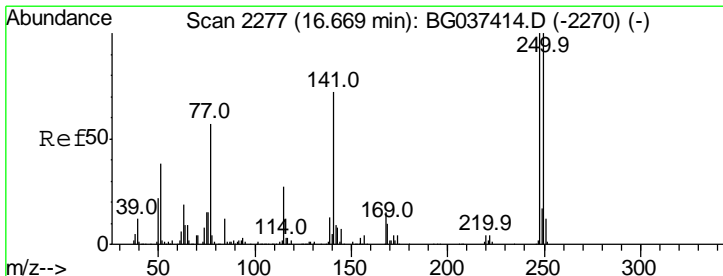
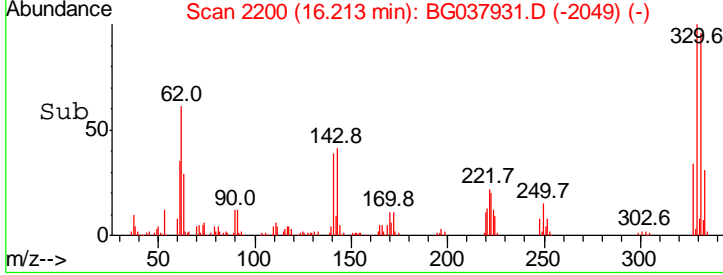
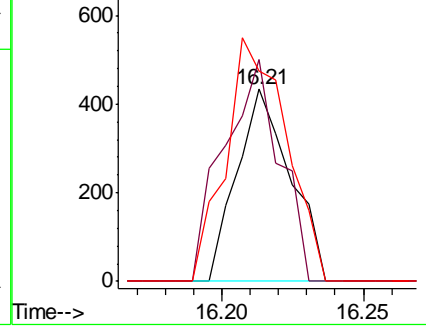
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 8.766 ng  
 RT: 16.21 min Scan# 2200  
 Delta R.T. 0.36 min  
 Lab File: BG037931.D  
 Acq: 9 Nov 2018 21:54

Instrument :  
 BNA\_G  
 ClientSampled :  
 TP-7-S

Tgt Ion	Resp	Lower	Upper
198	100		
51	24.3	22.7	62.7
105	23.0	19.7	59.7

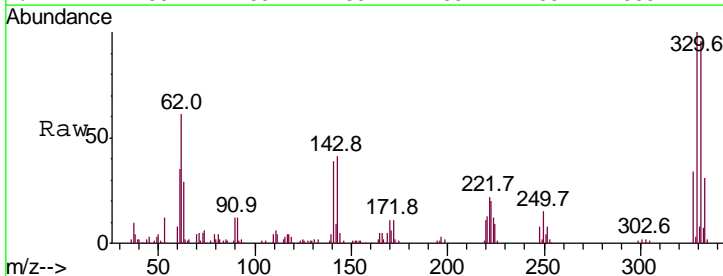


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BG  
 Ion 105.00 (104.70 to 105.70): E

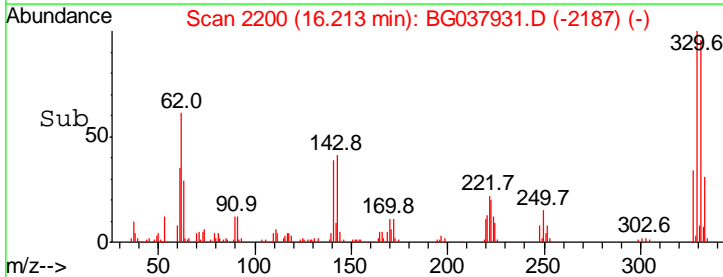
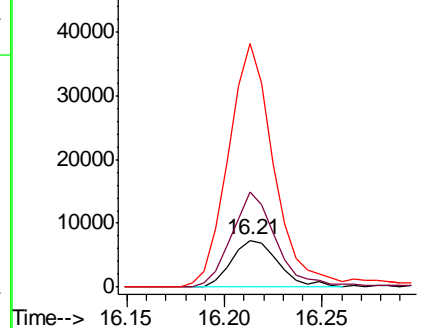


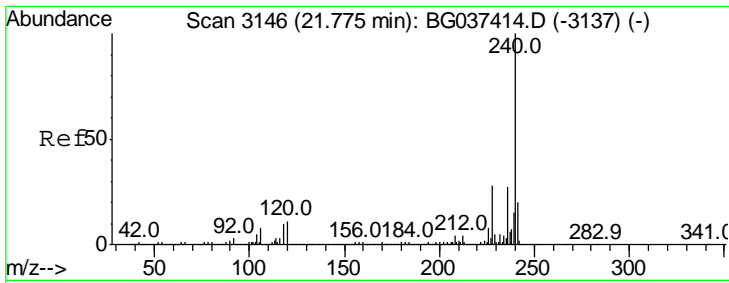
#67  
 4-Bromophenyl-phenylether  
 Concen: 3.222 ng  
 RT: 16.21 min Scan# 2200  
 Delta R.T. -0.46 min  
 Lab File: BG037931.D  
 Acq: 9 Nov 2018 21:54

Tgt Ion	Resp	Lower	Upper
248	100		
250	200.0	77.0	115.6#
141	401.3	55.5	83.3#



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

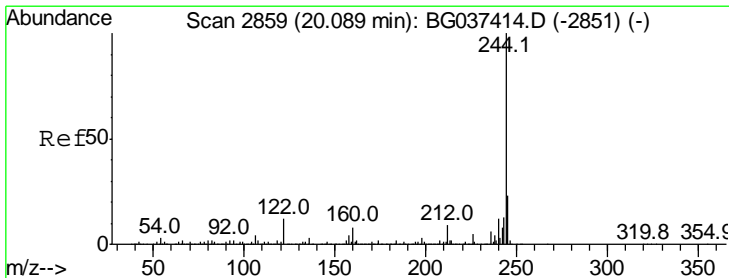
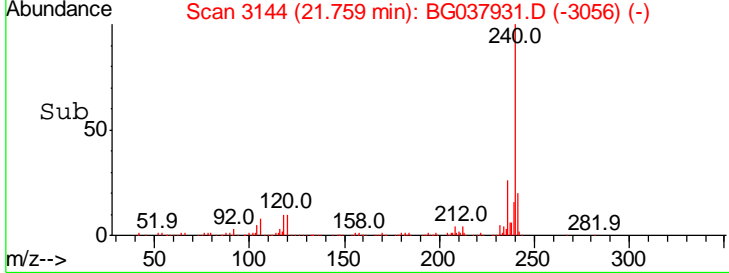
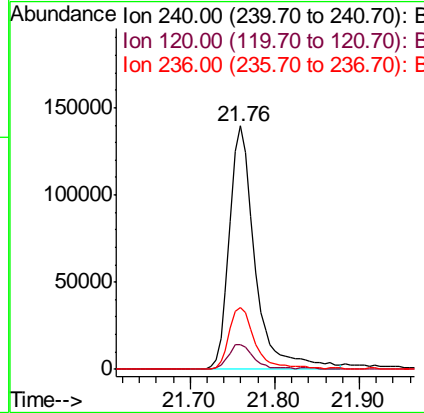
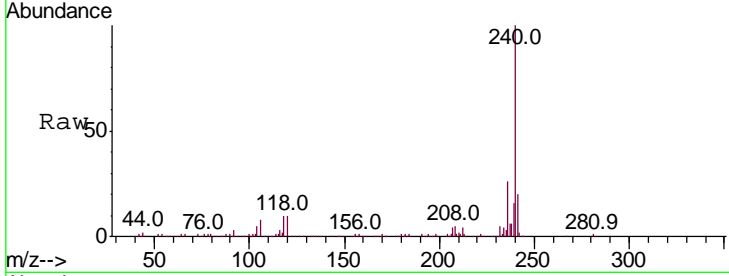




#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.76 min Scan# 3144  
 Delta R.T. -0.02 min  
 Lab File: BG037931.D  
 Acq: 9 Nov 2018 21:54

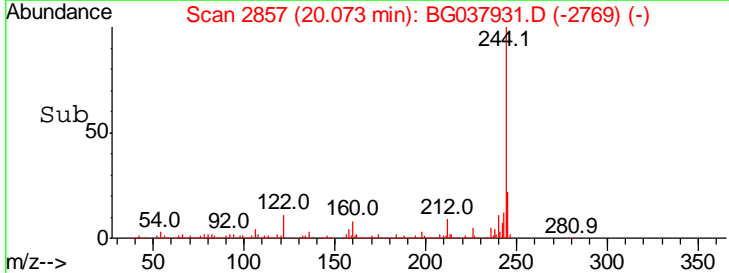
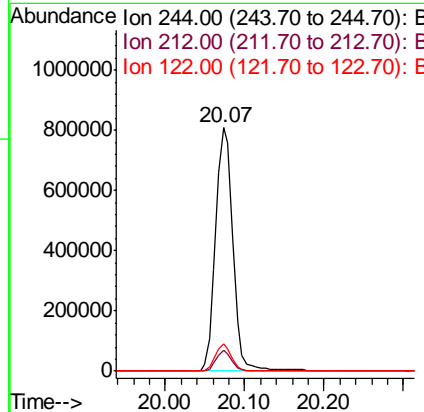
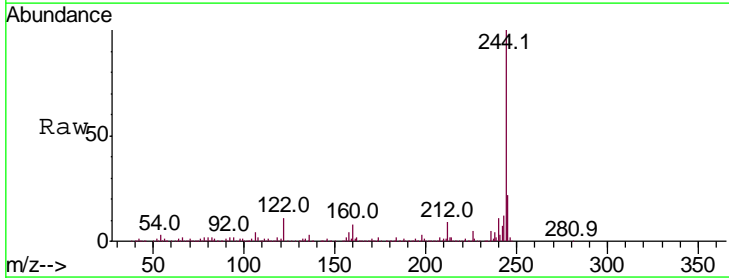
Instrument :  
 BNA\_G  
 ClientSampled :  
 TP-7-S

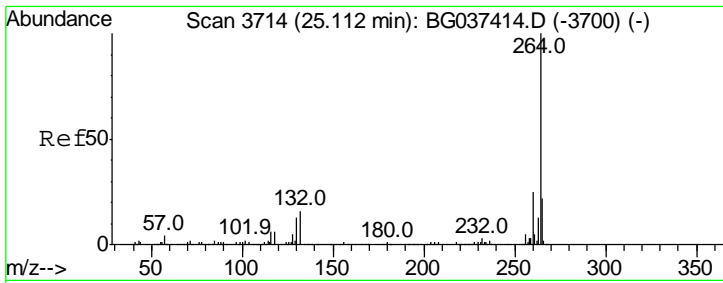
Tgt Ion	Resp	Lower	Upper
240	100		
120	10.4	8.1	12.1
236	25.7	21.4	32.0



#79  
 Terphenyl-d14  
 Concen: 89.620 ng  
 RT: 20.07 min Scan# 2857  
 Delta R.T. -0.02 min  
 Lab File: BG037931.D  
 Acq: 9 Nov 2018 21:54

Tgt Ion	Resp	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	11.0	9.0	13.4





#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.09 min Scan# 3711  
 Delta R.T. -0.02 min  
 Lab File: BG037931.D  
 Acq: 9 Nov 2018 21:54

Instrument :  
 BNA\_G  
 ClientSampleID :  
 TP-7-S

Tot Ion: 264 Resp: 217624

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	22.0	17.9	26.9

