

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG080218\  
 Data File : BG036081.D  
 Acq On : 3 Aug 2018 5:53  
 Operator : JU/SJ  
 Sample : J4285-20  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 KG-PIT-5

Quant Time: Aug 03 07:10:45 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG071218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 31 12:30:06 2018  
 Response via : Initial Calibration

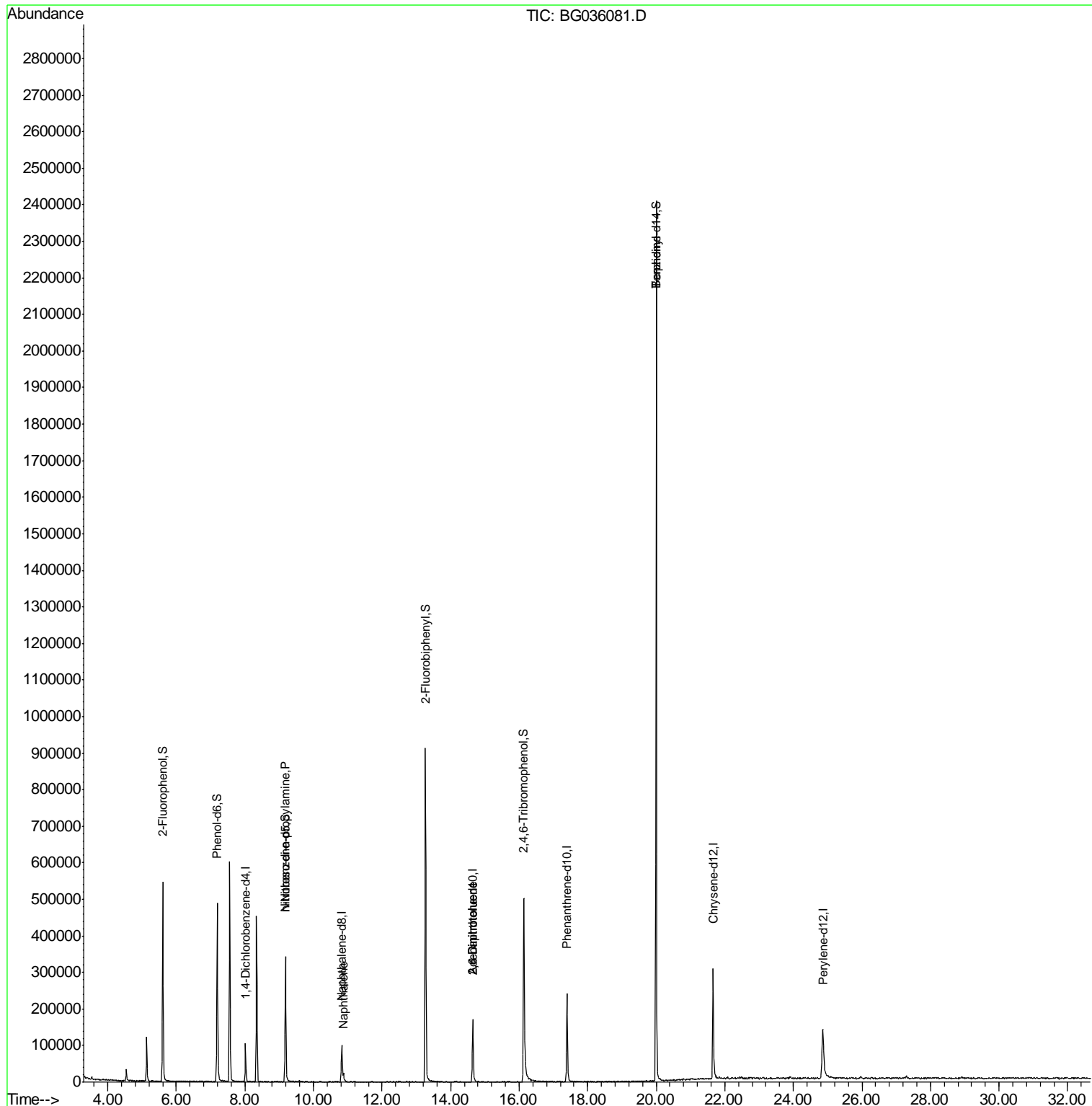
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	28767	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	98506	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	70373	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	193493	20.00	ng	0.00
75) Chrysene-d12	21.65	240	241400	20.00	ng	0.00
86) Perylene-d12	24.86	264	209285	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	237660	137.16	ng	0.00
7) Phenol-d6	7.19	99	307758	119.05	ng	0.00
23) Nitrobenzene-d5	9.18	82	239518	101.58	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	132144	142.46	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	549564	104.62	ng	-0.01
78) Terphenyl-d14	20.00	244	1209909	110.48	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	34844	16.006	ng	# 63
31) Naphthalene	10.88	128	17735	3.456	ng	# 99
50) 2,6-Dinitrotoluene	14.65	165	9619	7.661	ng	# 20
56) 2,4-Dinitrotoluene	14.65	165	9619	5.340	ng	# 18
76) Benzidine	19.99	184	21474	3.384	ng	# 91

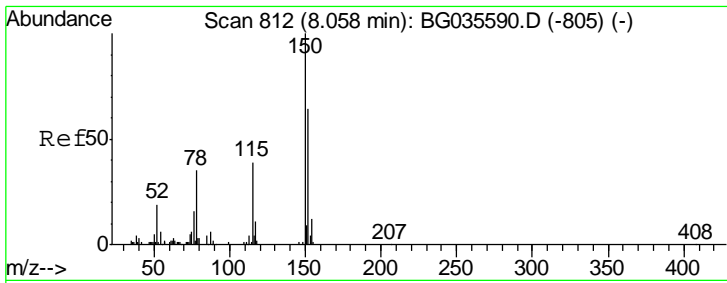
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG080218\  
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 Sample : J4285-20  
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 BNA\_G  
 ClientSampleId :  
 KG-PIT-5

Quant Time: Aug 03 07:10:45 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG071218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 31 12:30:06 2018  
 Response via : Initial Calibration

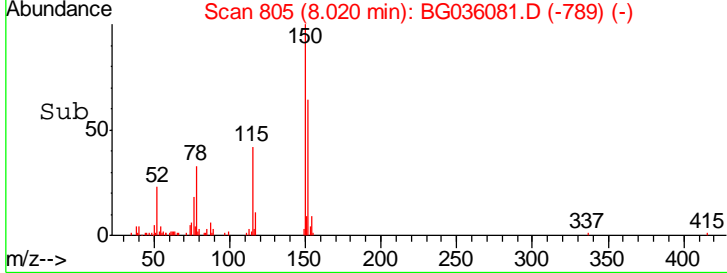
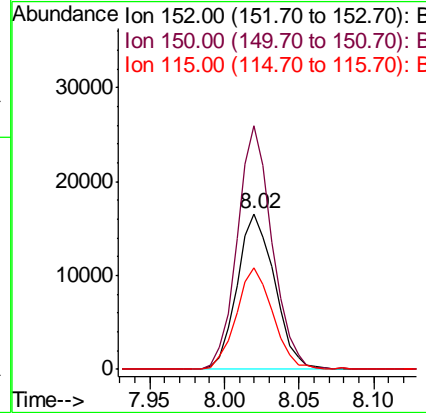
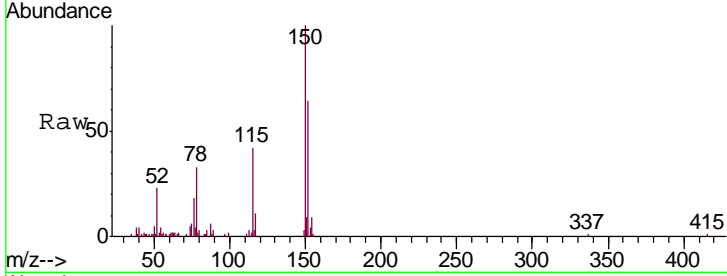




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.02 min Scan# 805  
 Delta R.T. -0.00 min  
 Lab File: BG036081.D  
 Acq: 3 Aug 2018 5:53

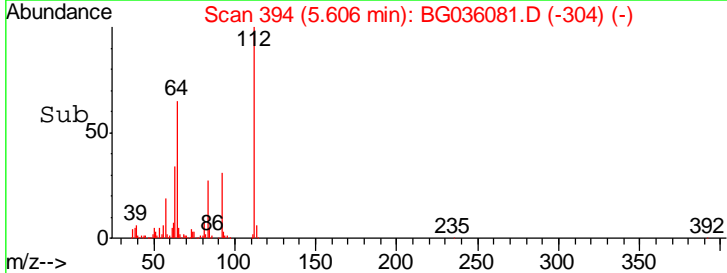
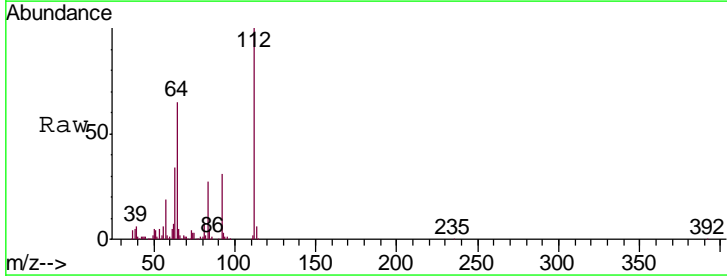
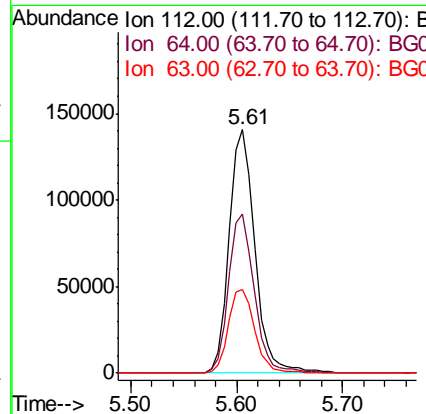
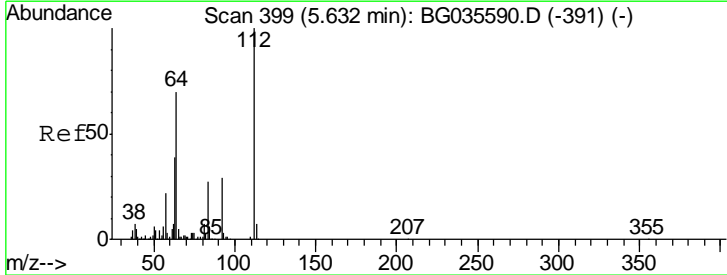
**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 KG-PIT-5

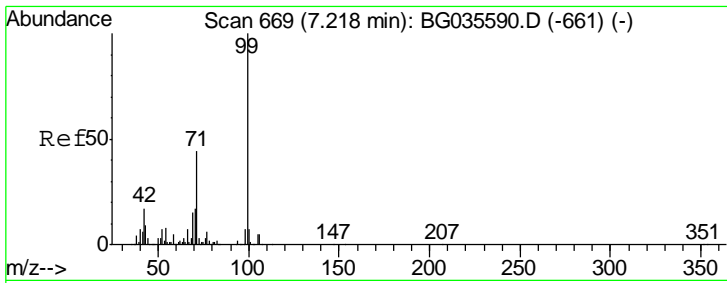
Tgt Ion	Resp	Lower	Upper
152	28767		
152	100		
150	156.2	126.6	189.8
115	65.2	53.0	79.4



#5  
 2-Fluorophenol  
 Concen: 137.161 ng  
 RT: 5.61 min Scan# 394  
 Delta R.T. 0.00 min  
 Lab File: BG036081.D  
 Acq: 3 Aug 2018 5:53

Tgt Ion	Resp	Lower	Upper
112	237660		
112	100		
64	65.4	56.3	84.5
63	34.2	30.1	45.1

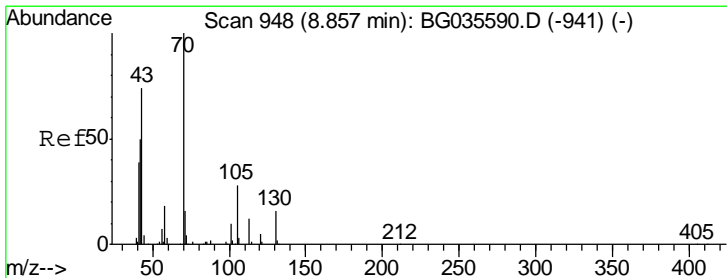
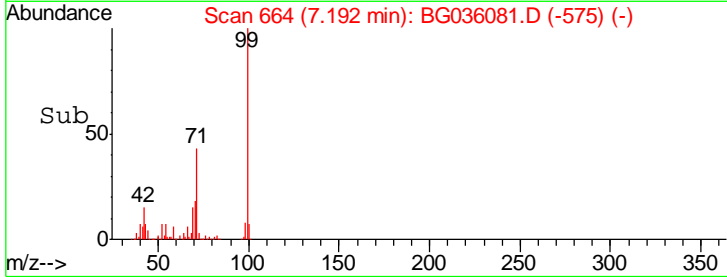
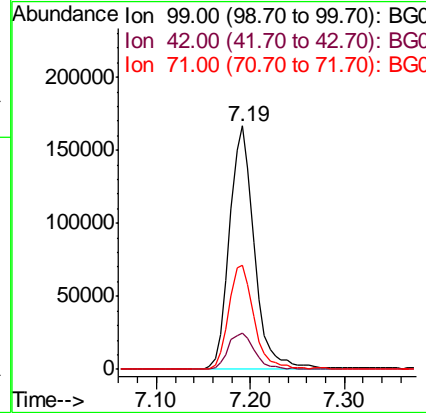
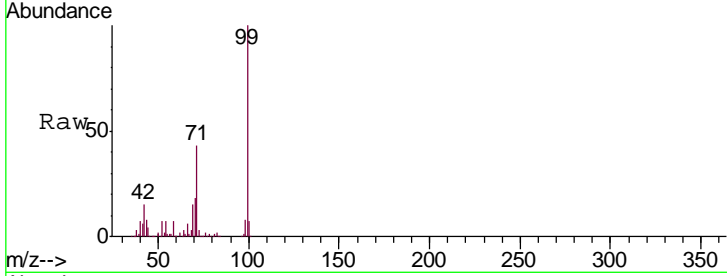




#7  
 Phenol-d6  
 Concen: 119.047 ng  
 RT: 7.19 min Scan# 664  
 Delta R.T. -0.00 min  
 Lab File: BG036081.D  
 Acq: 3 Aug 2018 5:53

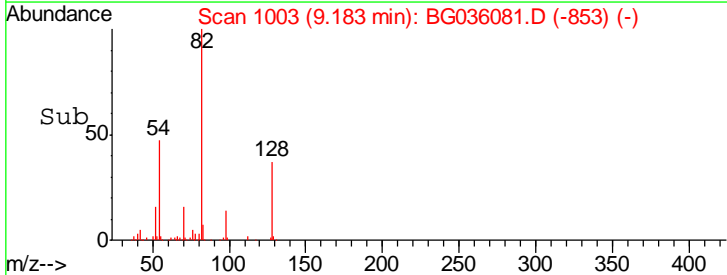
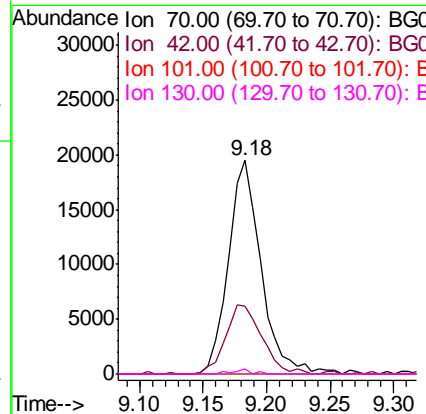
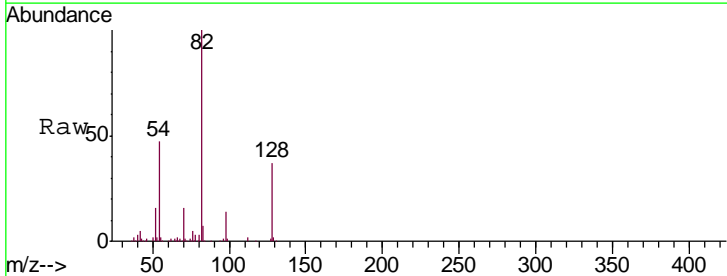
Instrument :  
 BNA\_G  
 ClientSampled :  
 KG-PIT-5

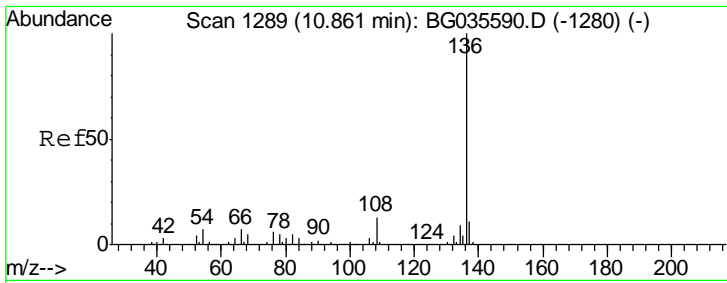
Tgt Ion	Resp	Lower	Upper
99	100		
42	15.1	14.1	21.1
71	42.6	26.1	39.1#



#19  
 n-Nitroso-di-n-propylamine  
 Concen: 16.006 ng  
 RT: 9.18 min Scan# 1003  
 Delta R.T. 0.35 min  
 Lab File: BG036081.D  
 Acq: 3 Aug 2018 5:53

Tgt Ion	Resp	Lower	Upper
70	100		
42	31.7	49.1	73.7#
101	0.0	8.5	12.7#
130	2.2	13.4	20.0#

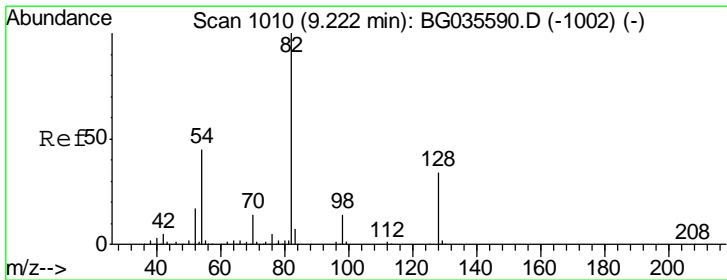
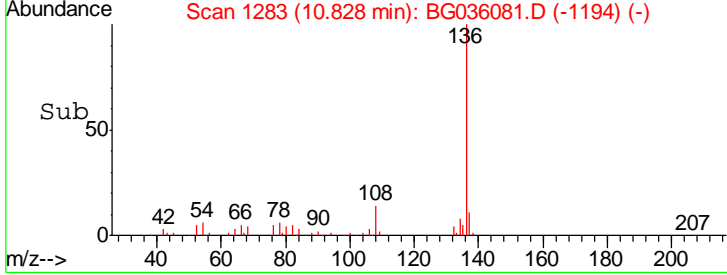
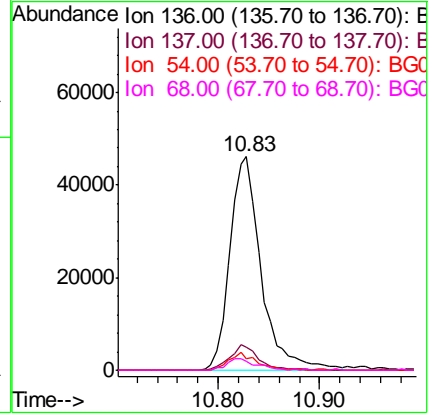
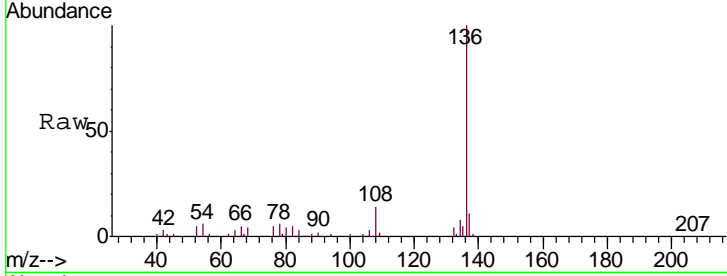




#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.83 min Scan# 1283  
 Delta R.T. -0.00 min  
 Lab File: BG036081.D  
 Acq: 3 Aug 2018 5:53

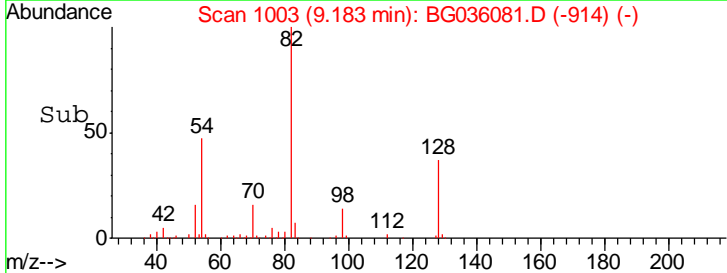
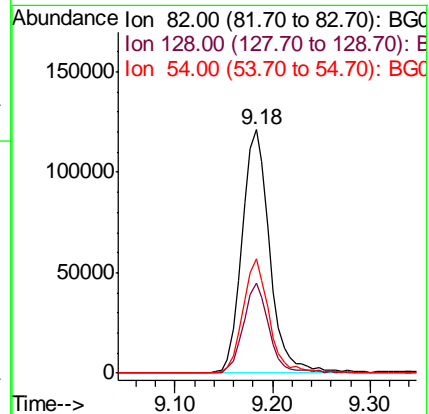
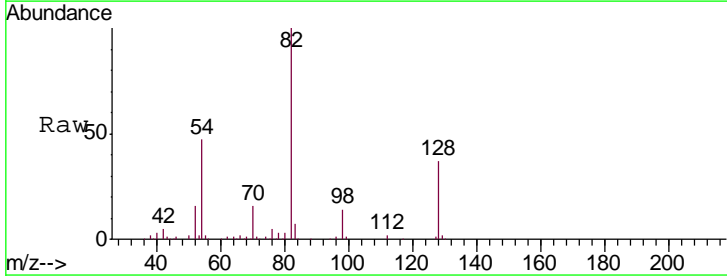
Instrument :  
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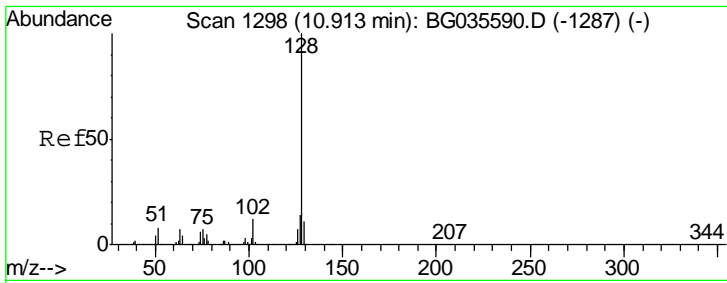
Tgt Ion	Resp	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	5.7	10.3	15.5#
68	4.5	4.5	6.7#



#23  
 Nitrobenzene-d5  
 Concen: 101.576 ng  
 RT: 9.18 min Scan# 1003  
 Delta R.T. -0.00 min  
 Lab File: BG036081.D  
 Acq: 3 Aug 2018 5:53

Tgt Ion	Resp	Lower	Upper
82	100		
128	36.8	29.7	44.5
54	47.1	43.1	64.7

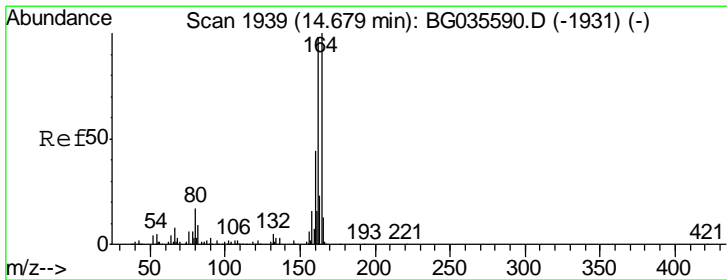
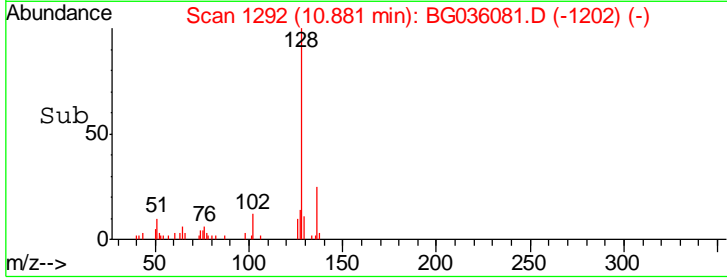
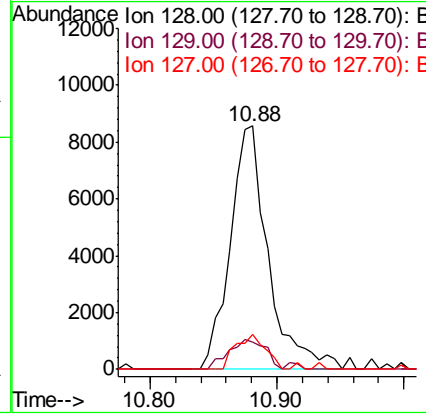
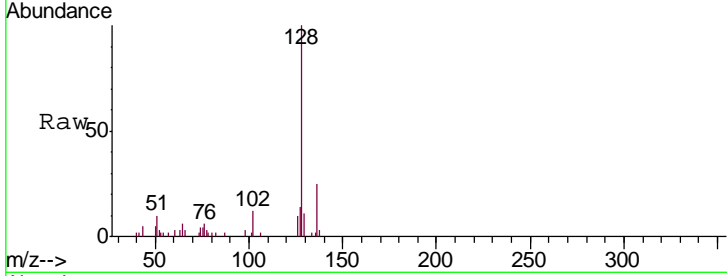




#31  
 Naphthalene  
 Concen: 3.456 ng  
 RT: 10.88 min Scan# 1292  
 Delta R.T. 0.00 min  
 Lab File: BG036081.D  
 Acq: 3 Aug 2018 5:53

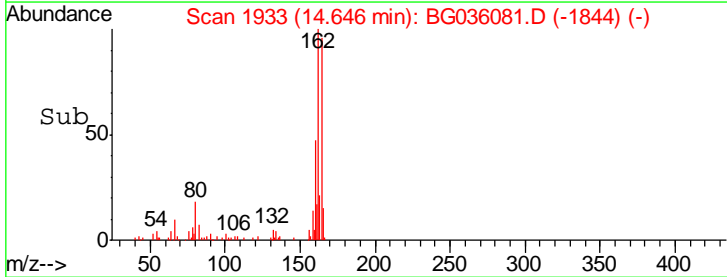
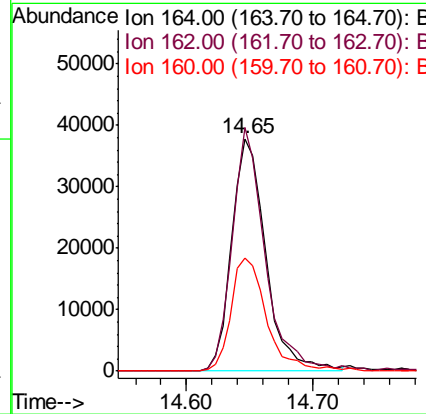
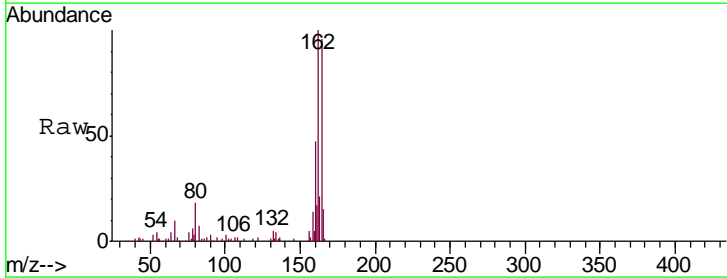
Instrument :  
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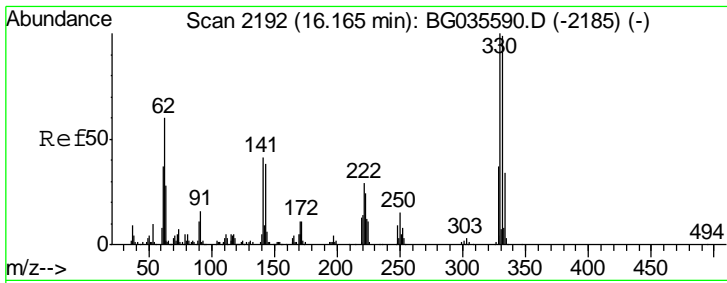
Tgt Ion	Resp	Lower	Upper
128	17735		
129	11.2	8.6	12.8
127	14.2	11.6	17.4



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.65 min Scan# 1933  
 Delta R.T. -0.00 min  
 Lab File: BG036081.D  
 Acq: 3 Aug 2018 5:53

Tgt Ion	Resp	Lower	Upper
164	70373		
162	104.7	78.8	118.2
160	48.8	35.4	53.0

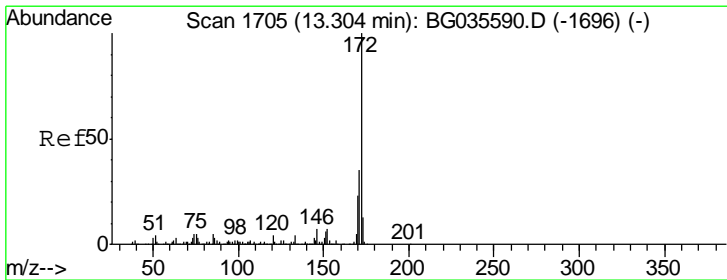
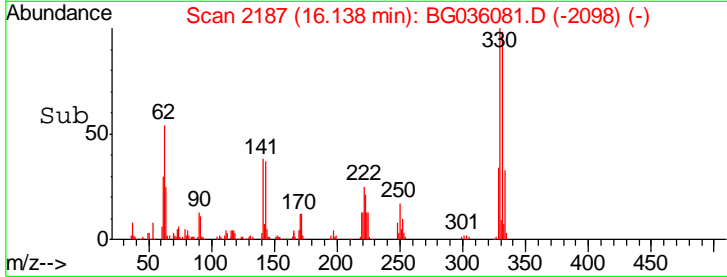
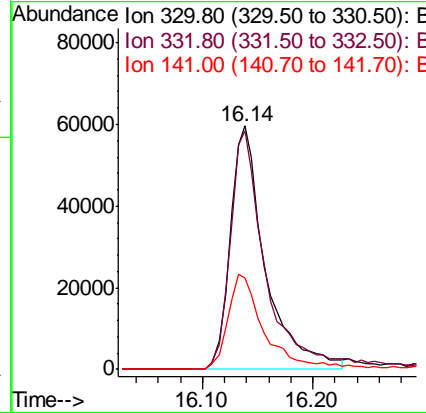
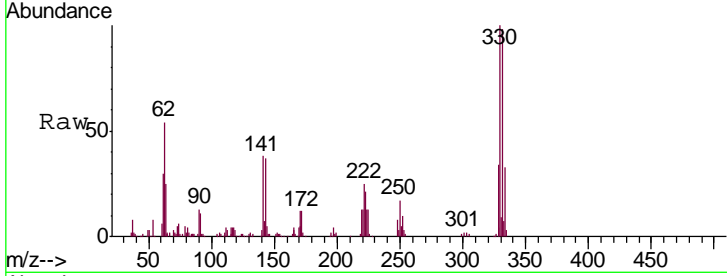




#41  
 2,4,6-Tribromophenol  
 Concen: 142.464 ng  
 RT: 16.14 min Scan# 2187  
 Delta R.T. -0.00 min  
 Lab File: BG036081.D  
 Acq: 3 Aug 2018 5:53

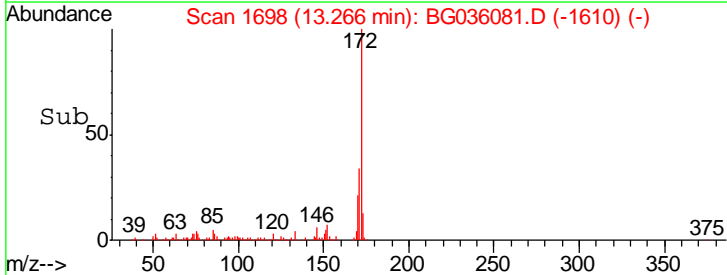
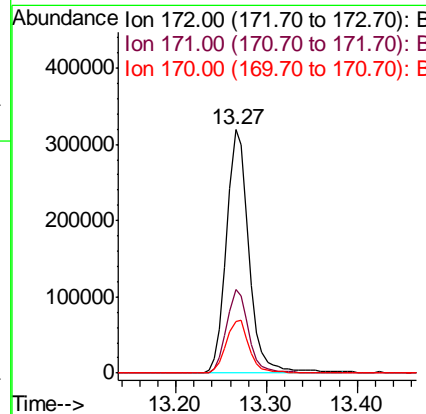
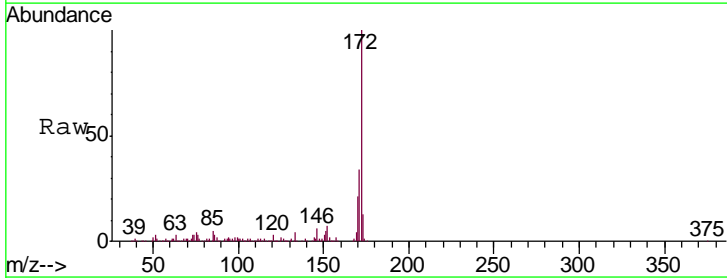
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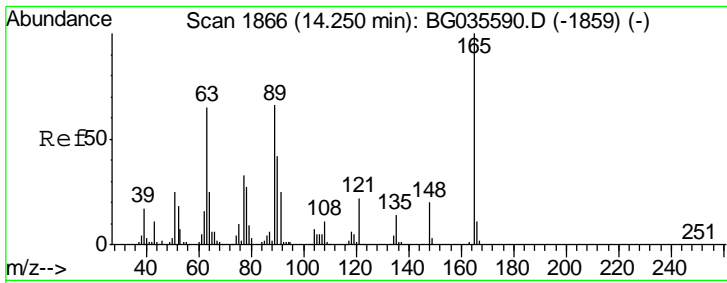
Tgt Ion	Resp	Lower	Upper
330	132144		
332	101.8	77.0	115.6
141	41.2	25.2	37.8#



#44  
 2-Fluorobiphenyl  
 Concen: 104.624 ng  
 RT: 13.27 min Scan# 1698  
 Delta R.T. -0.01 min  
 Lab File: BG036081.D  
 Acq: 3 Aug 2018 5:53

Tgt Ion	Resp	Lower	Upper
172	549564		
171	34.2	30.0	45.0
170	21.2	19.5	29.3

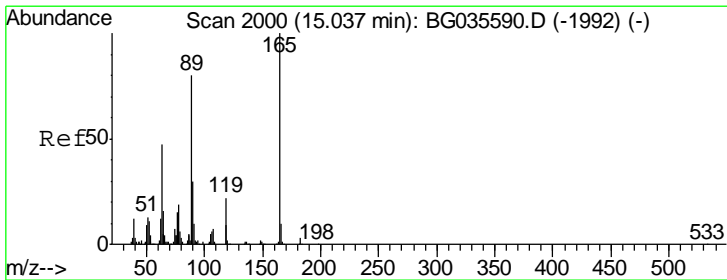
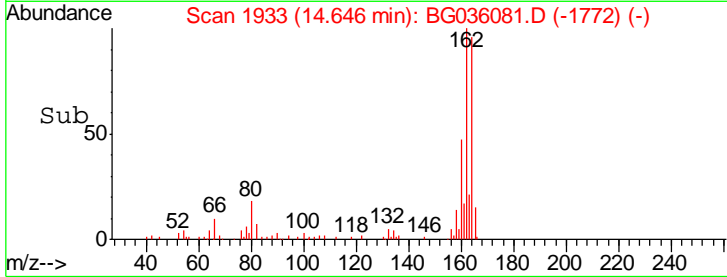
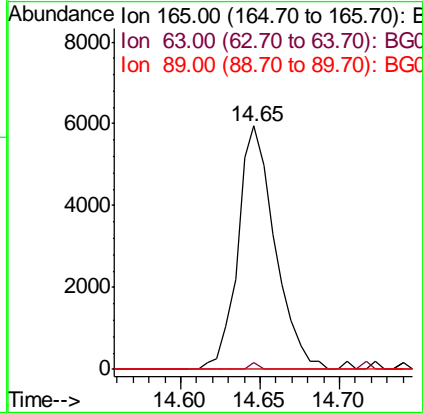
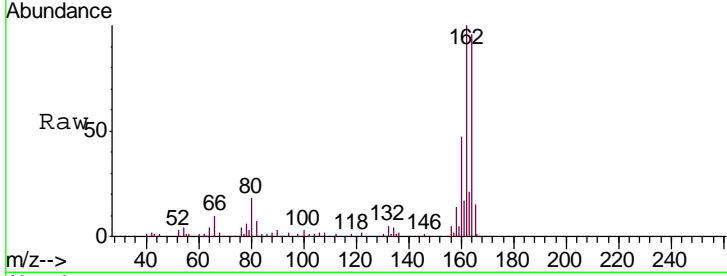




#50  
 2,6-Dinitrotoluene  
 Concen: 7.661 ng  
 RT: 14.65 min Scan# 1933  
 Delta R.T. 0.42 min  
 Lab File: BG036081.D  
 Acq: 3 Aug 2018 5:53

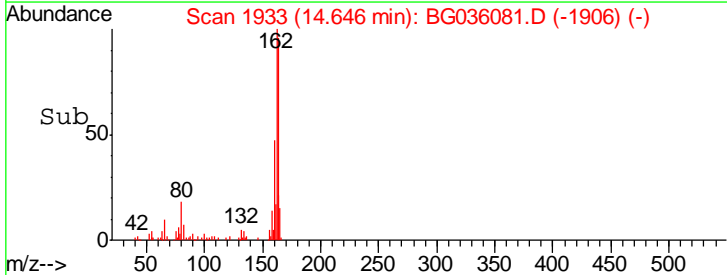
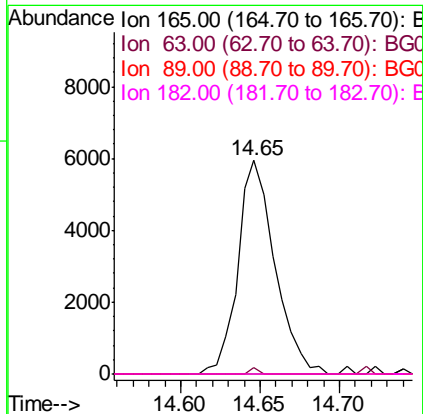
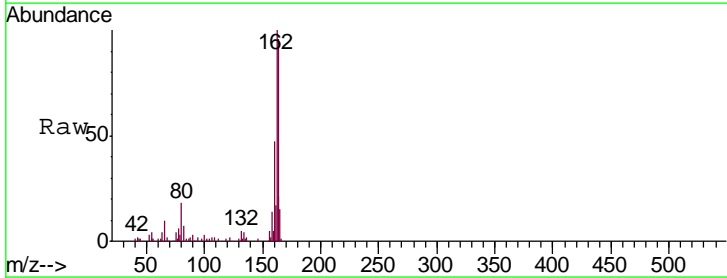
Instrument :  
 BNA\_G  
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 KG-PIT-5

Tgt Ion	Resp	Lower	Upper
165	100		
63	3.0	52.7	79.1#
89	0.0	49.2	73.8#

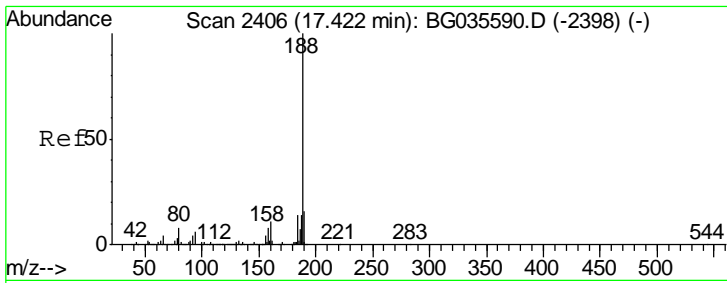


#56  
 2,4-Dinitrotoluene  
 Concen: 5.340 ng  
 RT: 14.65 min Scan# 1933  
 Delta R.T. -0.37 min  
 Lab File: BG036081.D  
 Acq: 3 Aug 2018 5:53

Tgt Ion	Resp	Lower	Upper
165	100		
63	3.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



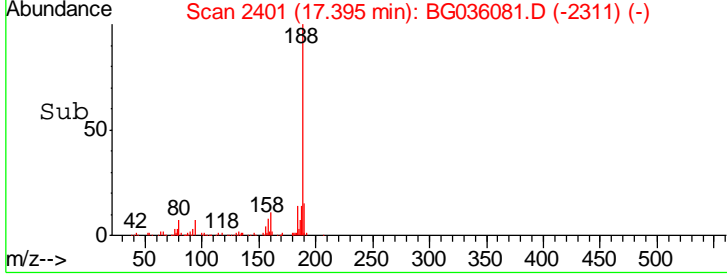
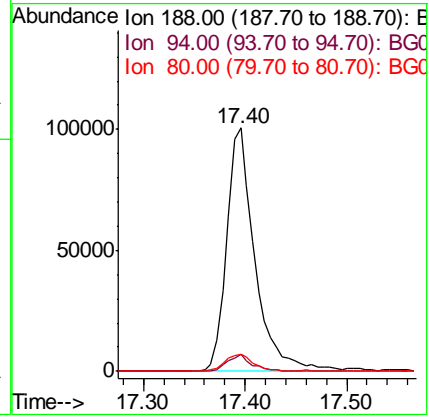
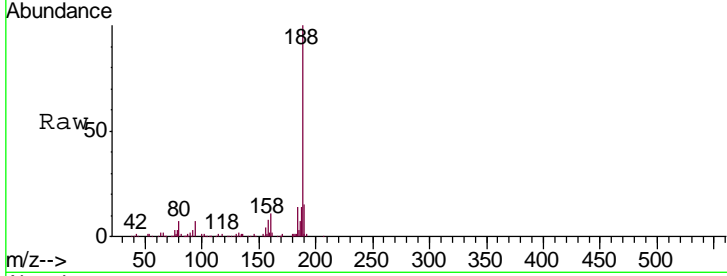




#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.40 min Scan# 2401  
 Delta R.T. 0.00 min  
 Lab File: BG036081.D  
 Acq: 3 Aug 2018 5:53

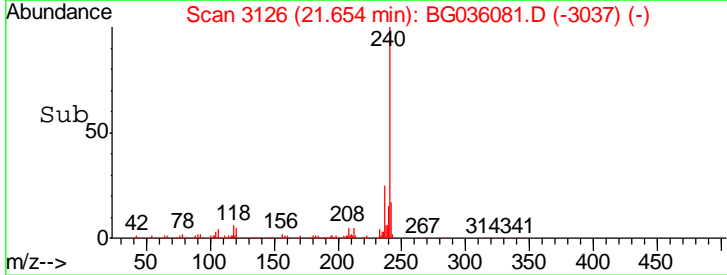
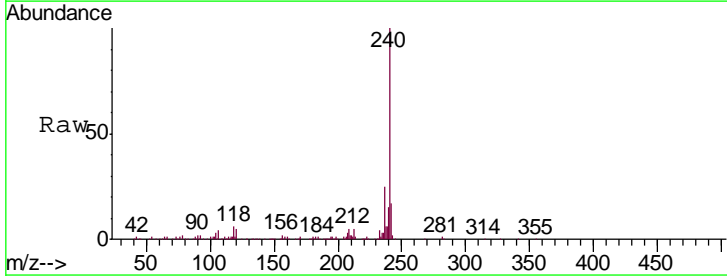
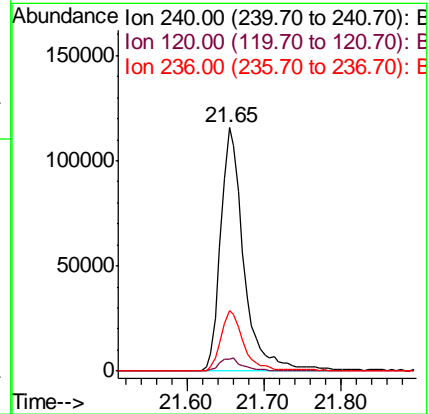
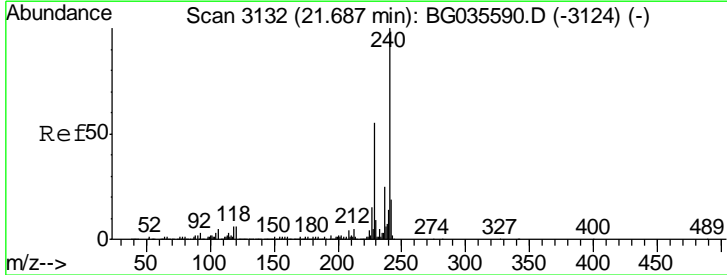
**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 KG-PIT-5

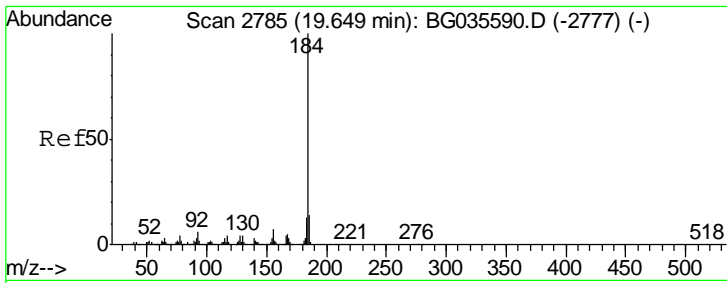
Tgt Ion	Resp	Lower	Upper
188	193493		
94	6.8	6.9	10.3#
80	7.0	7.7	11.5#



#75  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.65 min Scan# 3126  
 Delta R.T. -0.00 min  
 Lab File: BG036081.D  
 Acq: 3 Aug 2018 5:53

Tgt Ion	Resp	Lower	Upper
240	241400		
120	5.1	6.8	10.2#
236	24.9	20.9	31.3



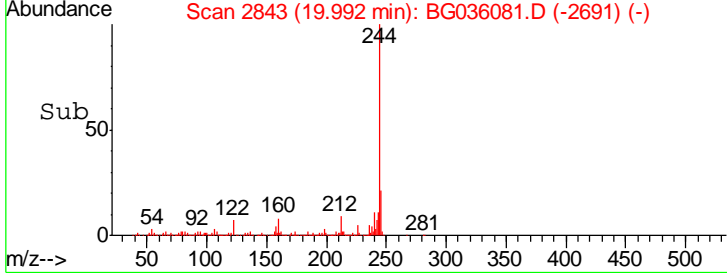
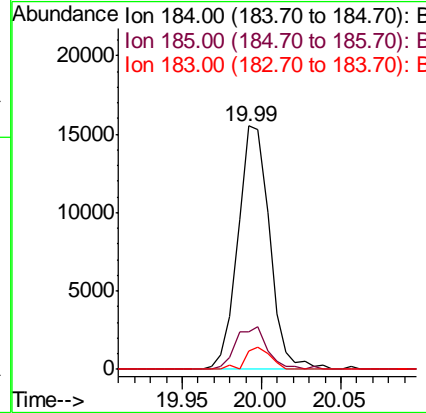
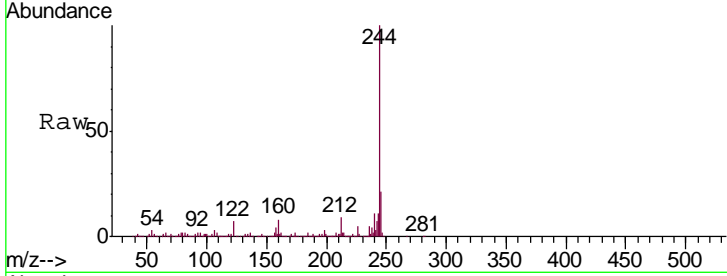


#76  
 Benzidine  
 Concen: 3.384 ng  
 RT: 19.99 min Scan# 2843  
 Delta R.T. 0.37 min  
 Lab File: BG036081.D  
 Acq: 3 Aug 2018 5:53

Instrument :  
 BNA\_G  
 ClientSampled :  
 KG-PIT-5

Tgt Ion:184 Resp: 21474

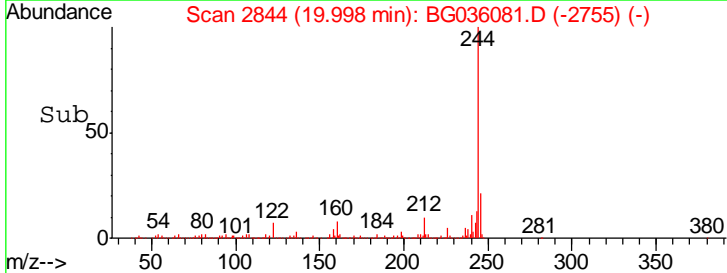
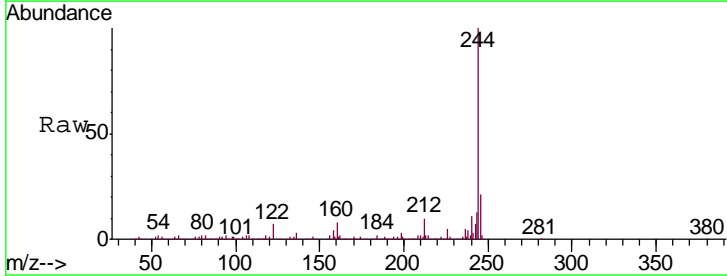
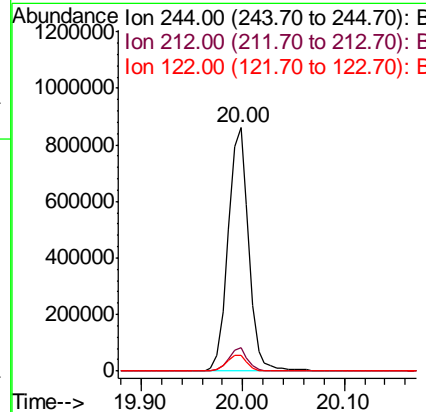
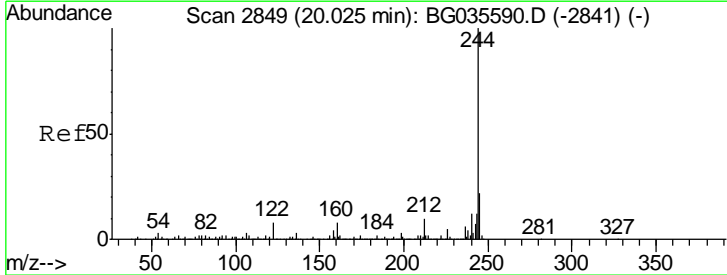
Ion	Ratio	Lower	Upper
184	100		
185	15.6	11.1	16.7
183	7.3	10.6	16.0#

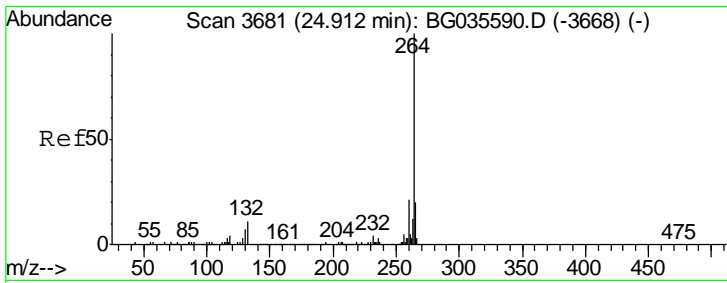


#78  
 Terphenyl-d14  
 Concen: 110.481 ng  
 RT: 20.00 min Scan# 2844  
 Delta R.T. -0.00 min  
 Lab File: BG036081.D  
 Acq: 3 Aug 2018 5:53

Tgt Ion:244 Resp: 1209909

Ion	Ratio	Lower	Upper
244	100		
212	9.7	5.8	8.8#
122	6.7	7.0	10.4#





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.86 min Scan# 3672  
 Delta R.T. 0.00 min  
 Lab File: BG036081.D  
 Acq: 3 Aug 2018 5:53

Instrument :  
 BNA\_G  
 ClientSampleId :  
 KG-PIT-5

Tgt Ion: 264 Resp: 209285

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.9	17.7	26.5

