

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG061019\  
 Data File : BG041157.D  
 Acq On : 10 Jun 2019 9:46  
 Operator : HP/JU  
 Sample : PB120413BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120413BL

Quant Time: Jun 11 03:44:57 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG052919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Jun 09 23:08:34 2019  
 Response via : Initial Calibration

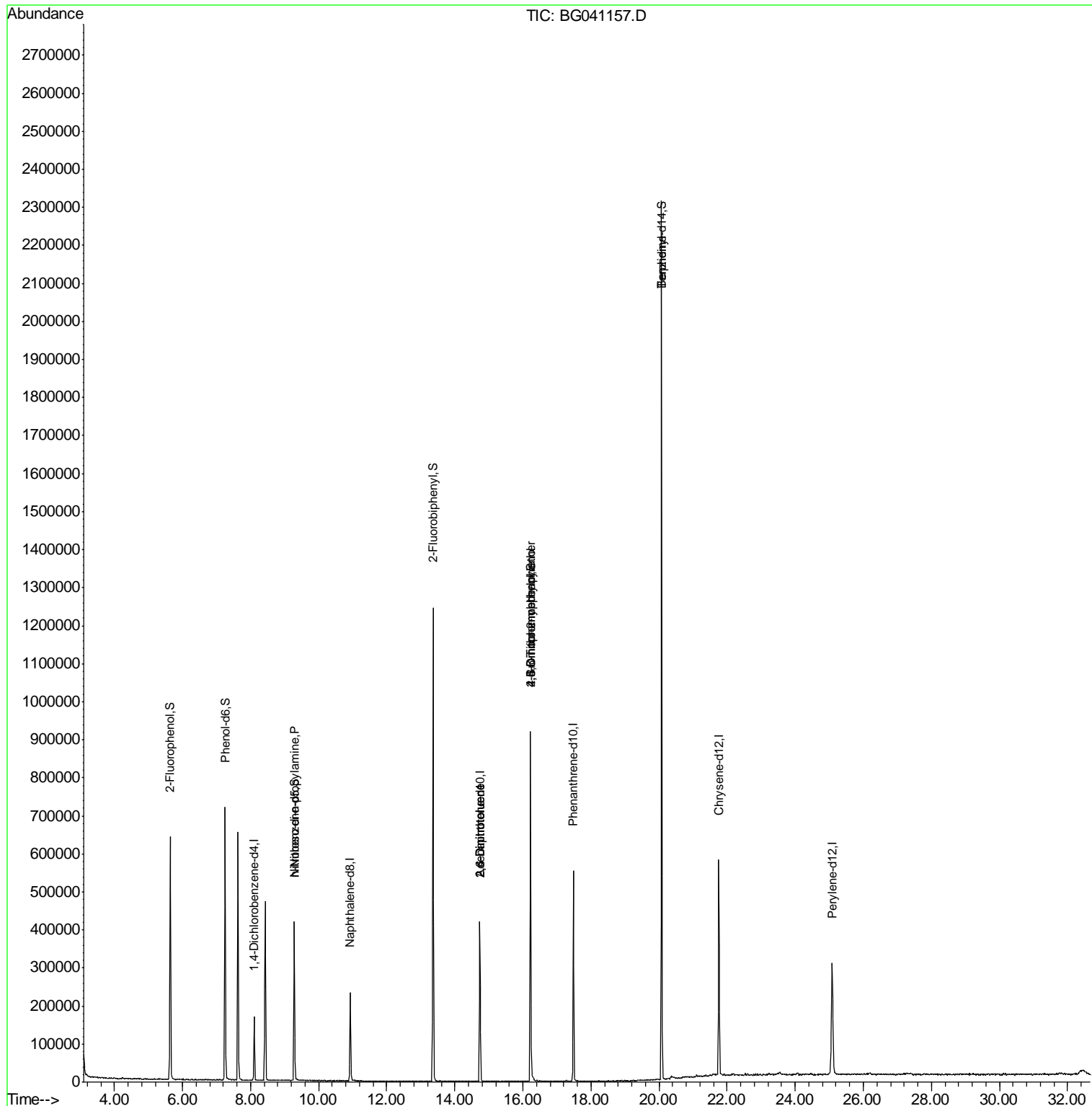
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	44980	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	197474	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	148846	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	355995	20.00	ng	0.00
76) Chrysene-d12	21.76	240	357140	20.00	ng	0.00
87) Perylene-d12	25.09	264	373364	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	242078	97.05	ng	0.00
7) Phenol-d6	7.25	99	374017	97.09	ng	0.00
23) Nitrobenzene-d5	9.28	82	256908	57.75	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	181452	82.12	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	651233	63.01	ng	0.00
79) Terphenyl-d14	20.08	244	1090253	64.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	36836	12.425	ng	# 74
51) 2,6-Dinitrotoluene	14.74	165	19030	7.005	ng	# 19
57) 2,4-Dinitrotoluene	14.74	165	19030	4.959	ng	# 22
65) 4,6-Dinitro-2-methylphenol	16.22	198	564	8.832	ng	# 52
67) 4-Bromophenyl-phenylether	16.22	248	13220	2.752	ng	# 1
77) Benzidine	20.08	184	18327	2.151	ng	# 91

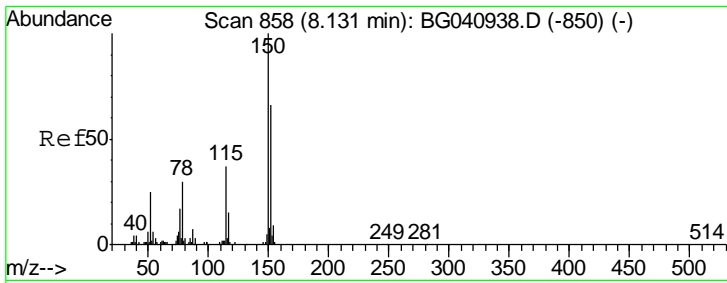
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG061019\  
 Data File : BG041157.D  
 Acq On : 10 Jun 2019 9:46  
 Operator : HP/JU  
 Sample : PB120413BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120413BL

Quant Time: Jun 11 03:44:57 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG052919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Jun 09 23:08:34 2019  
 Response via : Initial Calibration

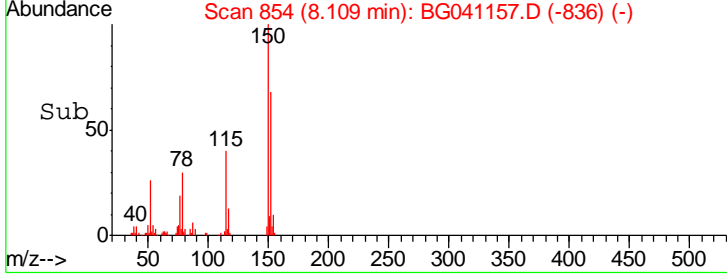
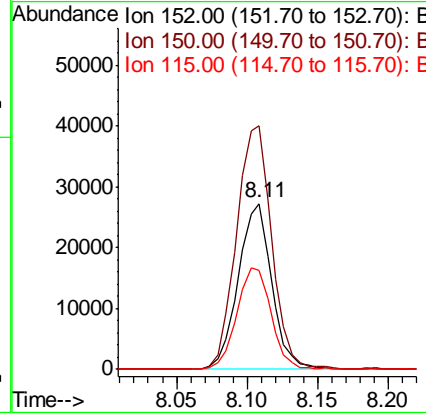
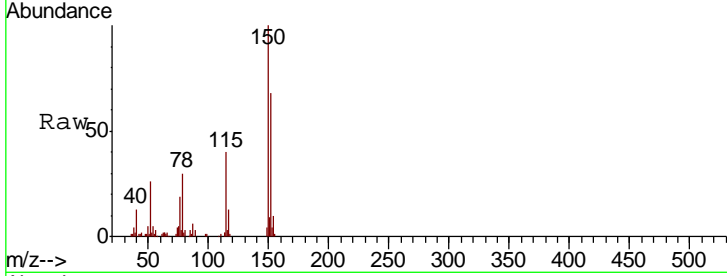




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.11 min Scan# 854  
 Delta R.T. 0.00 min  
 Lab File: BG041157.D  
 Acq: 10 Jun 2019 9:46

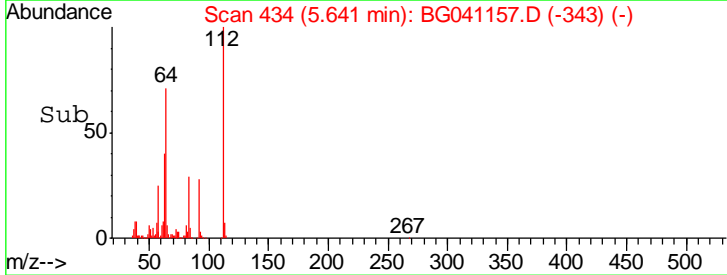
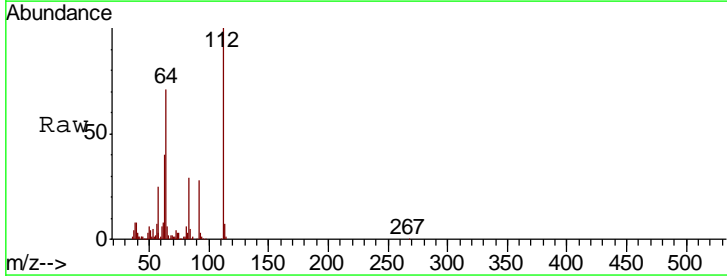
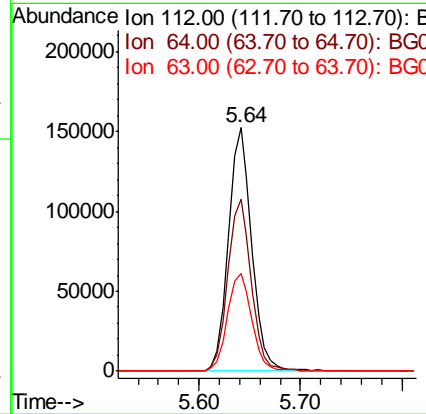
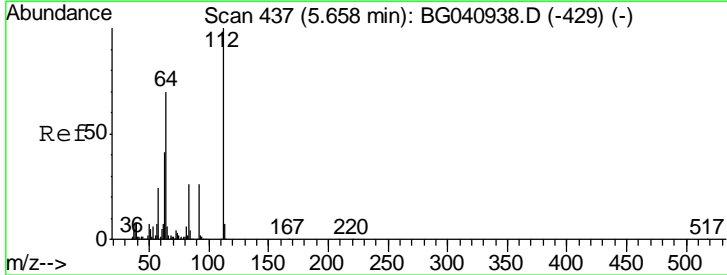
**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 PB120413BL

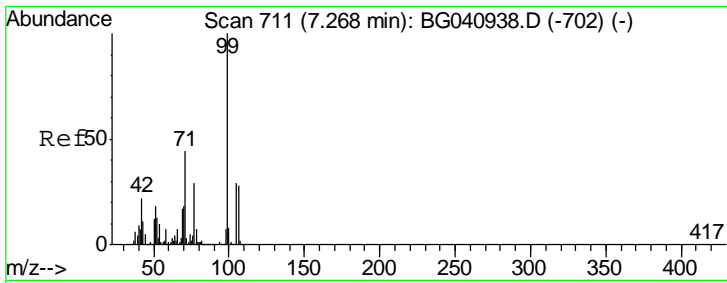
Tgt Ion	Resp	Lower	Upper
152	44980		
150	147.1	120.6	180.8
115	59.5	45.1	67.7



#5  
 2-Fluorophenol  
 Concen: 97.047 ng  
 RT: 5.64 min Scan# 434  
 Delta R.T. 0.00 min  
 Lab File: BG041157.D  
 Acq: 10 Jun 2019 9:46

Tgt Ion	Resp	Lower	Upper
112	242078		
64	70.9	56.2	84.2
63	40.0	32.8	49.2

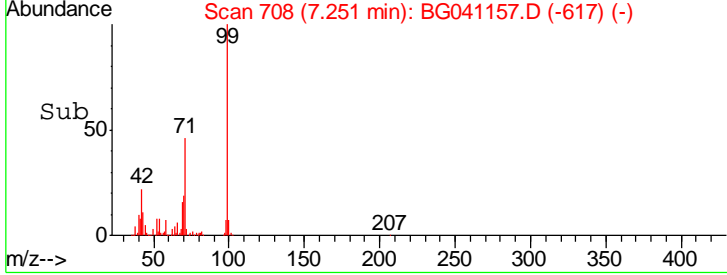
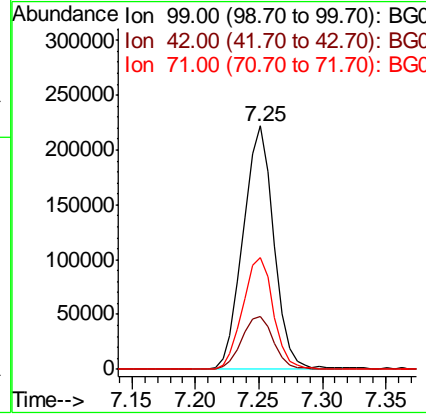
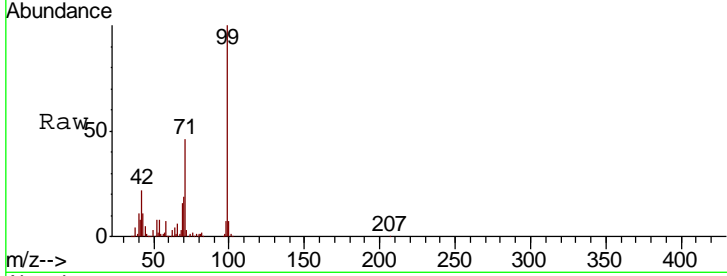




#7  
 Phenol-d6  
 Concen: 97.087 ng  
 RT: 7.25 min Scan# 708  
 Delta R.T. 0.00 min  
 Lab File: BG041157.D  
 Acq: 10 Jun 2019 9:46

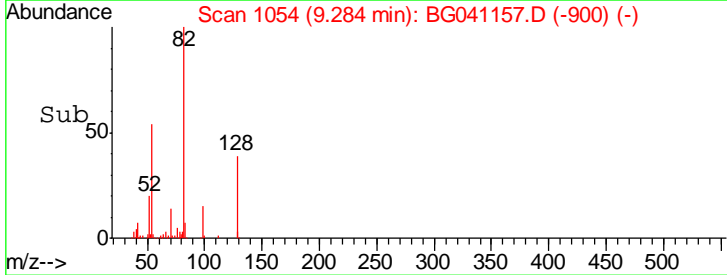
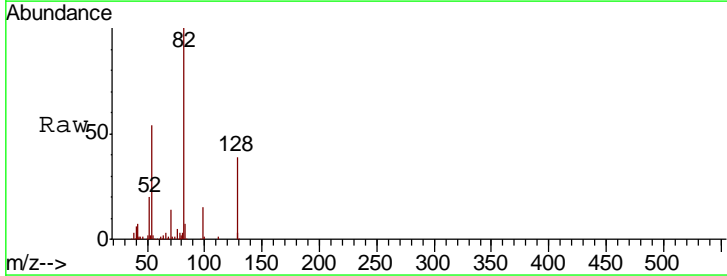
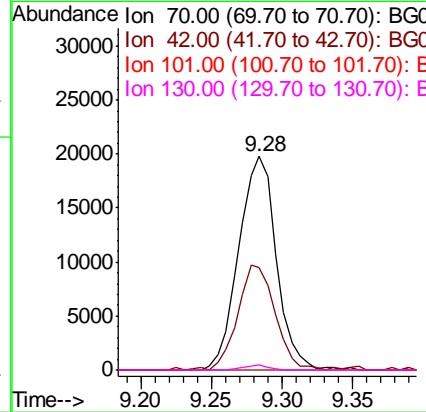
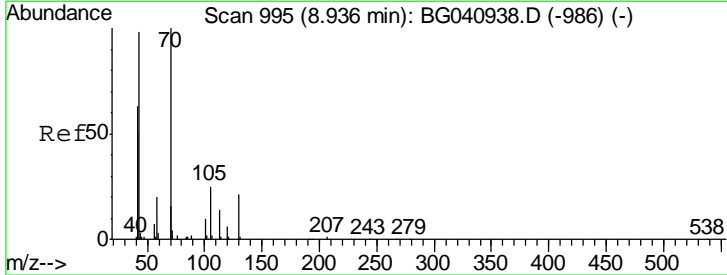
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120413BL

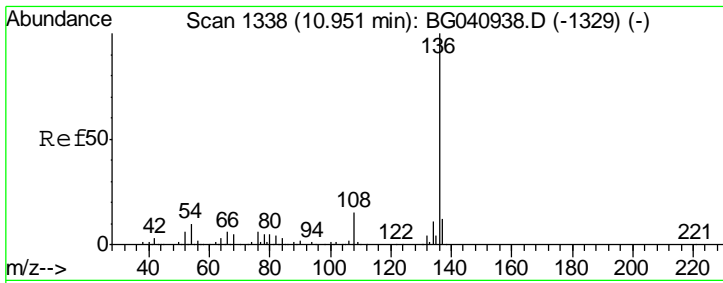
Tgt Ion	Resp	Lower	Upper
99	100		
42	21.9	17.9	26.9
71	46.0	35.4	53.0



#19  
 n-Nitroso-di-n-propylamine  
 Concen: 12.425 ng  
 RT: 9.28 min Scan# 1054  
 Delta R.T. 0.37 min  
 Lab File: BG041157.D  
 Acq: 10 Jun 2019 9:46

Tgt Ion	Resp	Lower	Upper
70	100		
42	47.7	51.5	77.3#
101	0.0	8.1	12.1#
130	2.6	16.6	24.8#

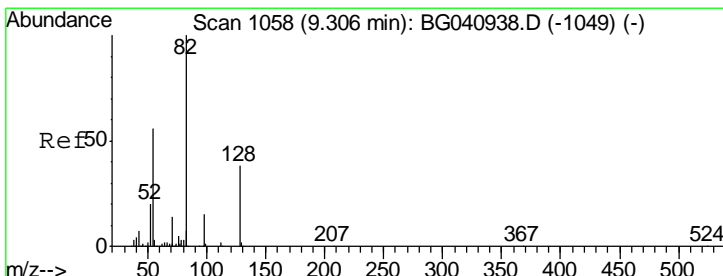
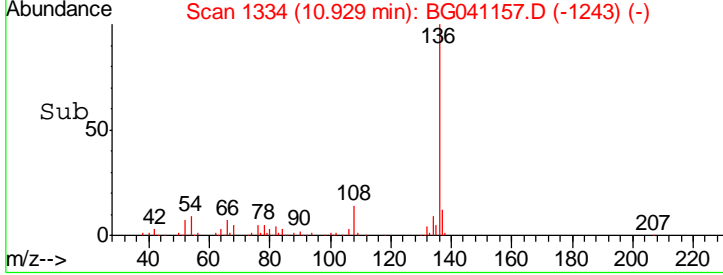
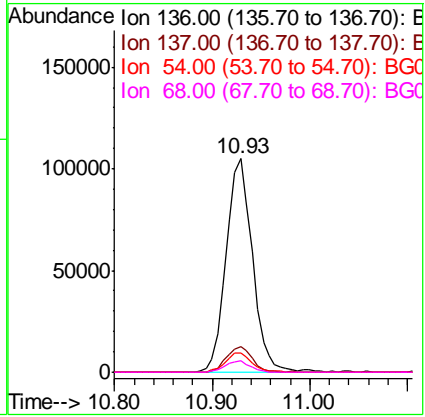
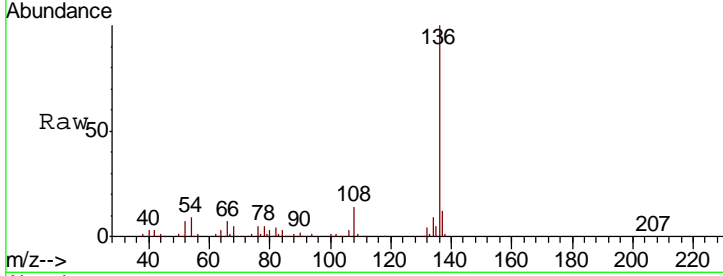




#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.93 min Scan# 1334  
 Delta R.T. 0.00 min  
 Lab File: BG041157.D  
 Acq: 10 Jun 2019 9:46

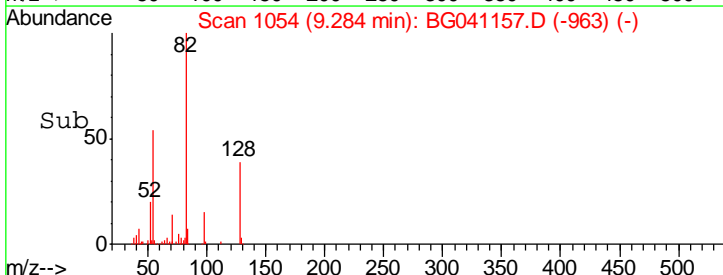
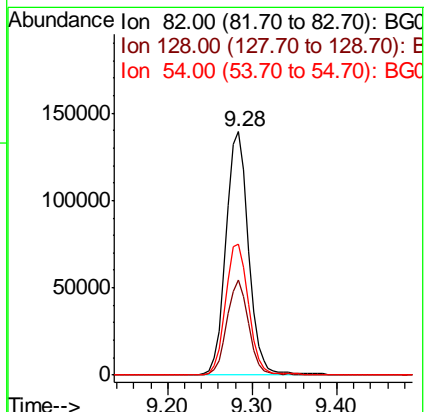
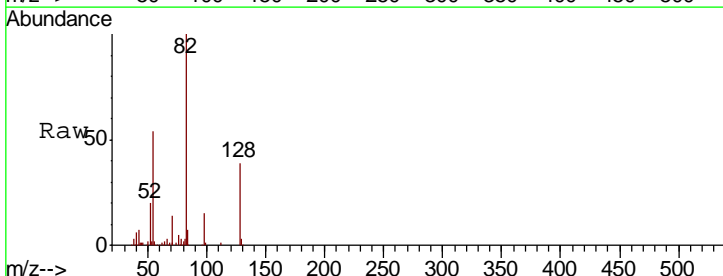
Instrument :  
 BNA\_G  
 ClientSampled :  
 PB120413BL

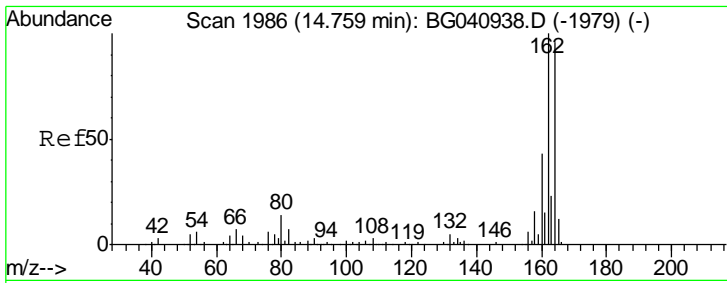
Tgt Ion	Resp	Lower	Upper
136	197474		
137	11.9	9.5	14.3
54	8.9	7.6	11.4
68	5.3	3.9	5.9



#23  
 Nitrobenzene-d5  
 Concen: 57.755 ng  
 RT: 9.28 min Scan# 1054  
 Delta R.T. 0.00 min  
 Lab File: BG041157.D  
 Acq: 10 Jun 2019 9:46

Tgt Ion	Resp	Lower	Upper
82	256908		
128	39.1	30.5	45.7
54	53.9	44.6	66.8

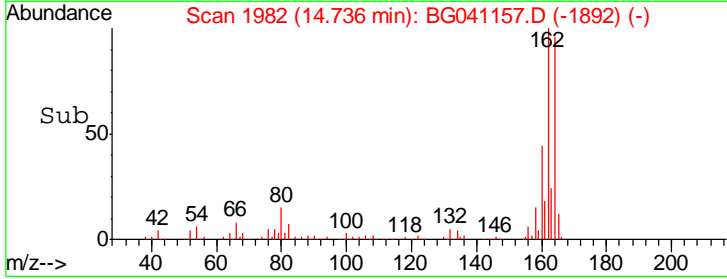
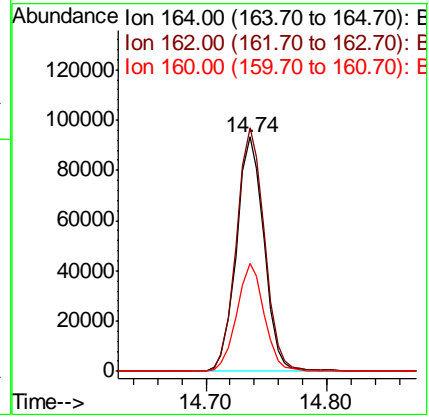
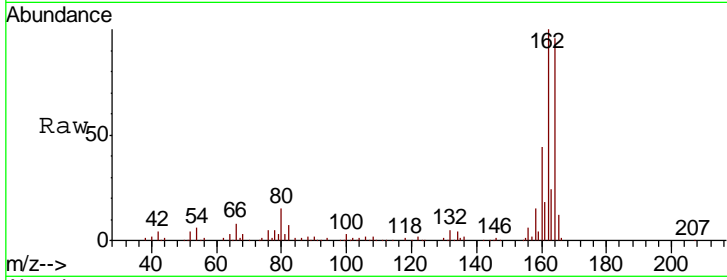




#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.74 min Scan# 1982  
 Delta R.T. -0.00 min  
 Lab File: BG041157.D  
 Acq: 10 Jun 2019 9:46

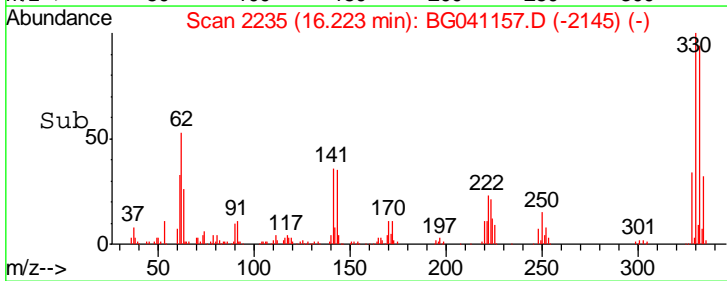
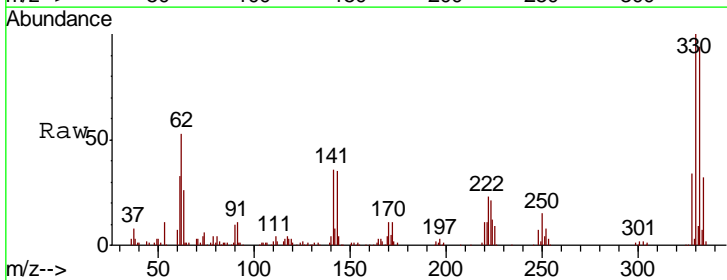
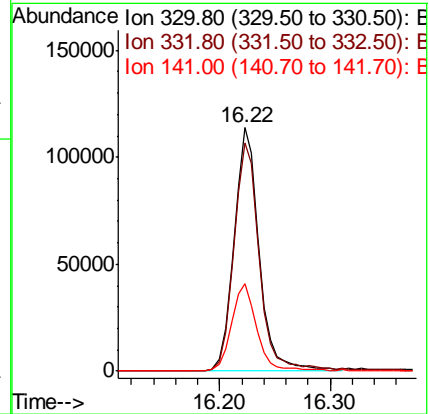
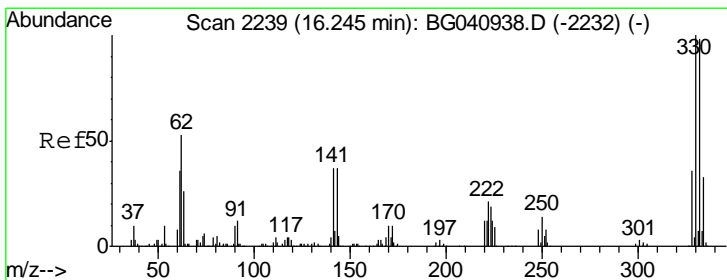
Instrument :  
 BNA\_G  
 ClientSampled :  
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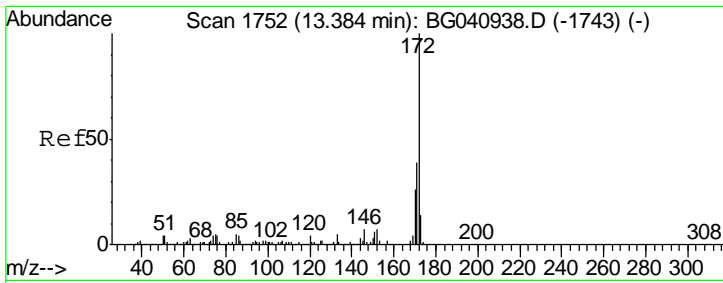
Tgt Ion	Resp	Lower	Upper
164	100		
162	103.8	83.0	124.4
160	46.0	35.6	53.4



#42  
 2,4,6-Tribromophenol  
 Concen: 82.115 ng  
 RT: 16.22 min Scan# 2235  
 Delta R.T. -0.00 min  
 Lab File: BG041157.D  
 Acq: 10 Jun 2019 9:46

Tgt Ion	Resp	Lower	Upper
330	100		
332	95.8	78.5	117.7
141	36.1	28.7	43.1

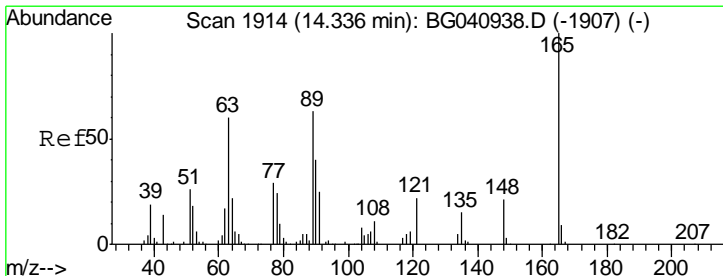
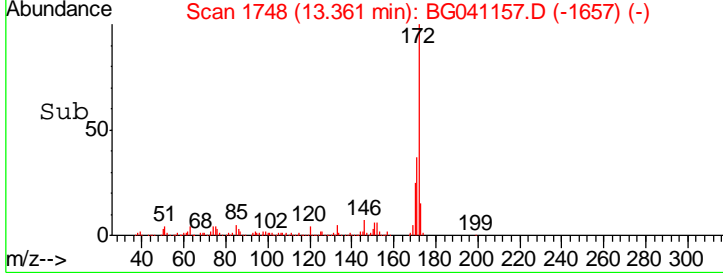
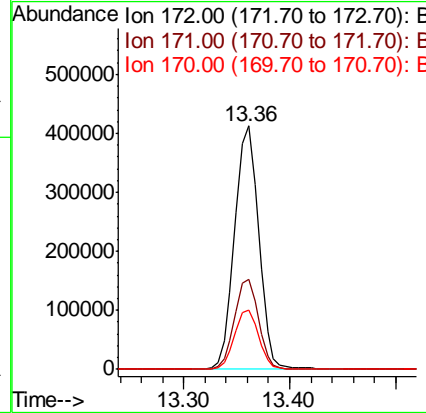
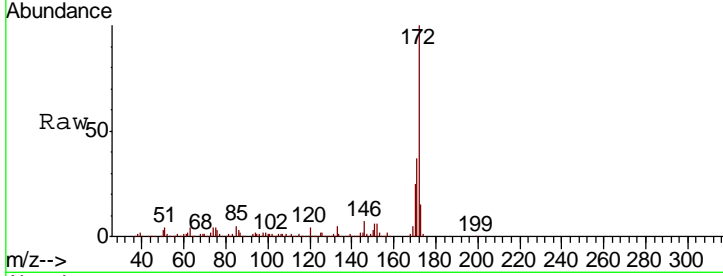




#45  
 2-Fluorobiphenyl  
 Concen: 63.008 ng  
 RT: 13.36 min Scan# 1748  
 Delta R.T. 0.00 min  
 Lab File: BG041157.D  
 Acq: 10 Jun 2019 9:46

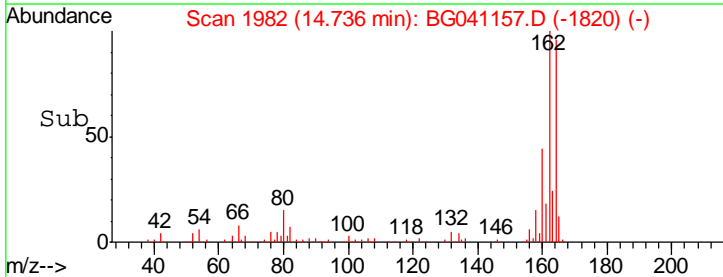
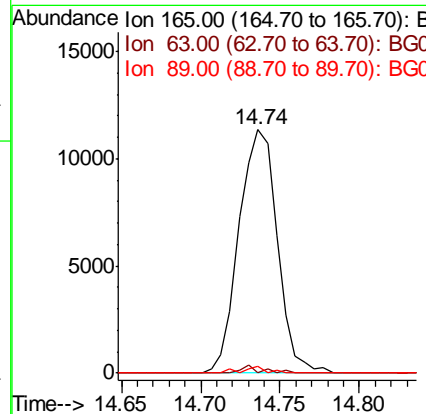
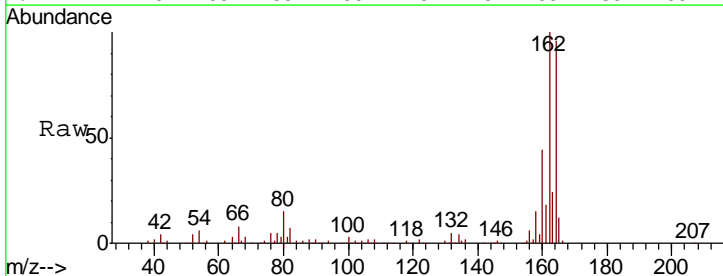
Instrument :  
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 ClientSampled :  
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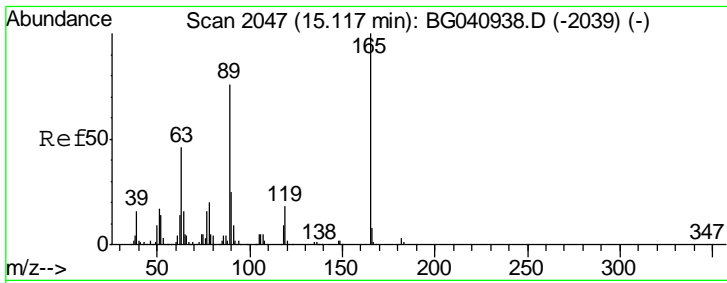
Tgt Ion	Resp	Lower	Upper
172	100		
171	37.1	31.1	46.7
170	24.6	20.5	30.7



#51  
 2,6-Dinitrotoluene  
 Concen: 7.005 ng  
 RT: 14.74 min Scan# 1982  
 Delta R.T. 0.42 min  
 Lab File: BG041157.D  
 Acq: 10 Jun 2019 9:46

Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	53.6	80.4#
89	2.9	50.4	75.6#

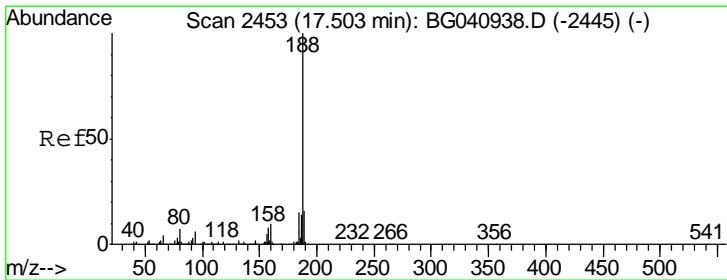
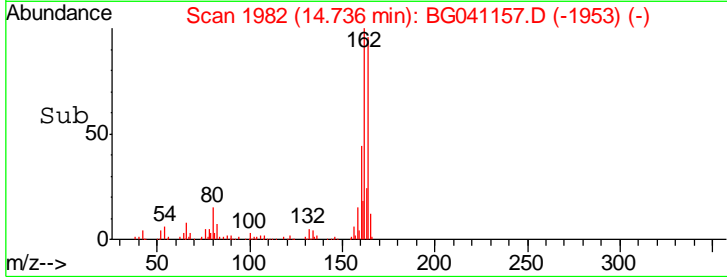
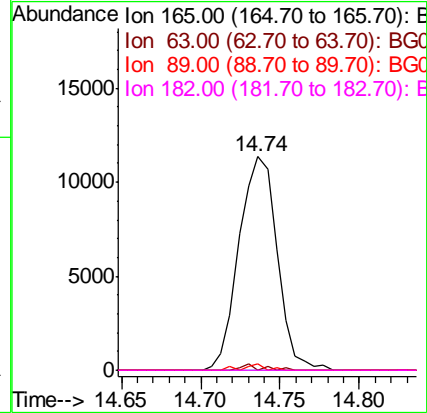
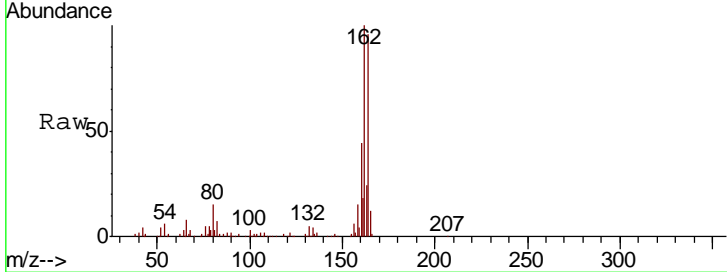




#57  
 2,4-Dinitrotoluene  
 Concen: 4.959 ng  
 RT: 14.74 min Scan# 1982  
 Delta R.T. -0.36 min  
 Lab File: BG041157.D  
 Acq: 10 Jun 2019 9:46

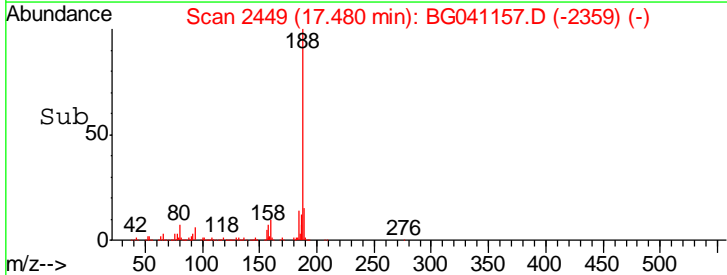
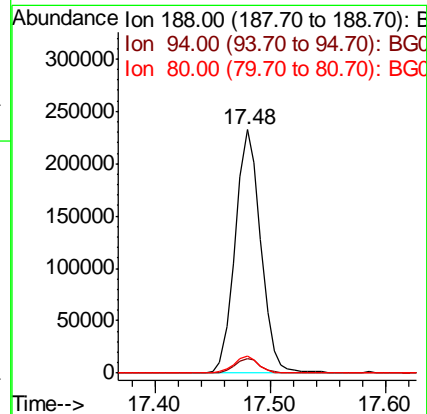
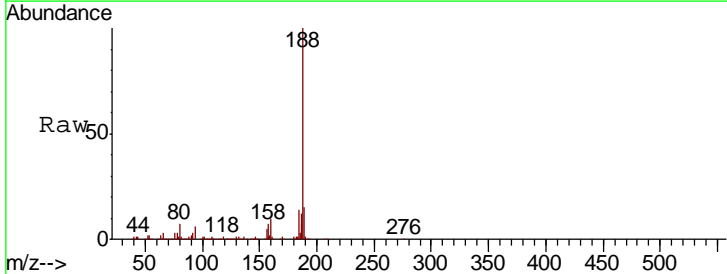
Instrument :  
 BNA\_G  
 ClientSampled :  
 PB120413BL

Tgt Ion	Resp	Lower	Upper
165	19030		
63	0.0	37.3	55.9#
89	2.9	61.0	91.6#
182	0.0	2.2	3.2#

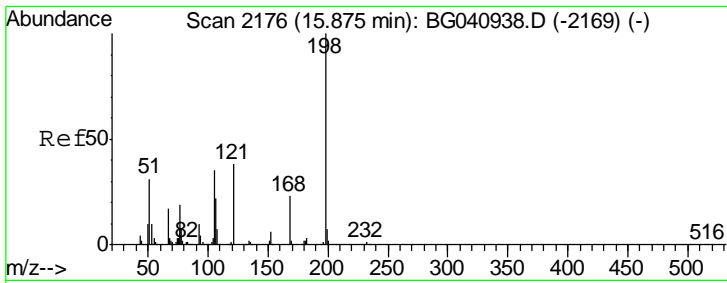


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.48 min Scan# 2449  
 Delta R.T. -0.00 min  
 Lab File: BG041157.D  
 Acq: 10 Jun 2019 9:46

Tgt Ion	Resp	Lower	Upper
188	355995		
94	6.1	4.7	7.1
80	6.8	5.8	8.8



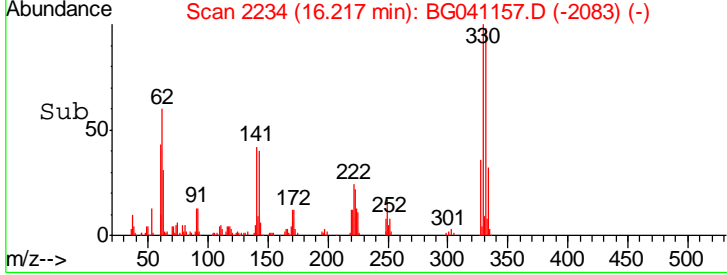
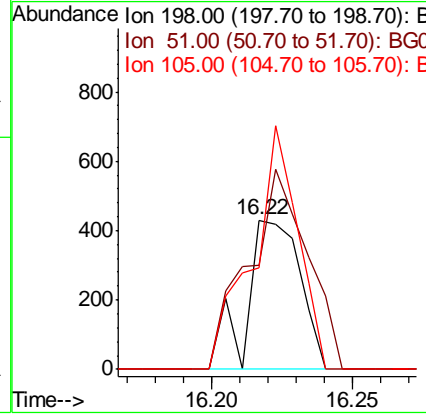
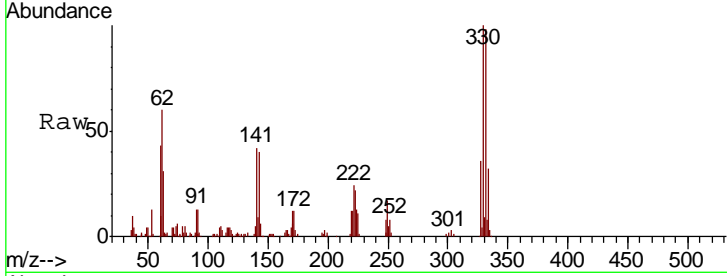




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 8.832 ng  
 RT: 16.22 min Scan# 2234  
 Delta R.T. 0.36 min  
 Lab File: BG041157.D  
 Acq: 10 Jun 2019 9:46

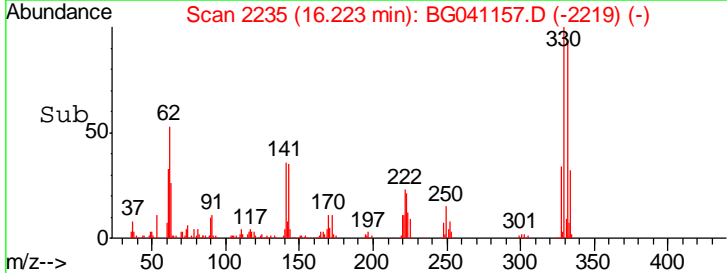
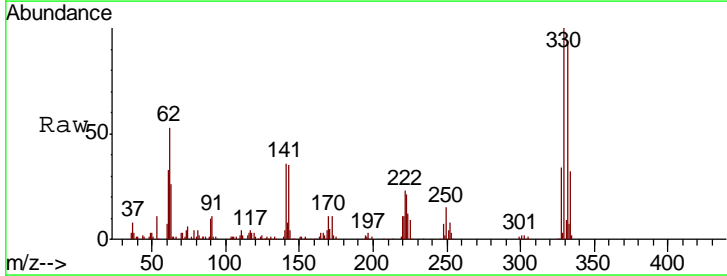
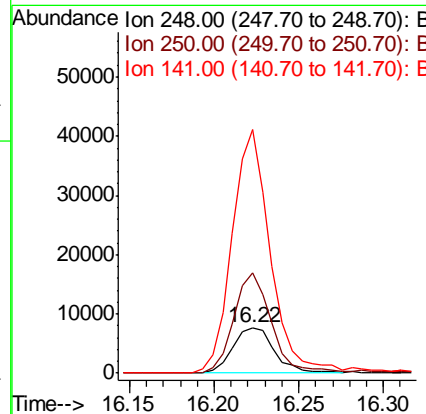
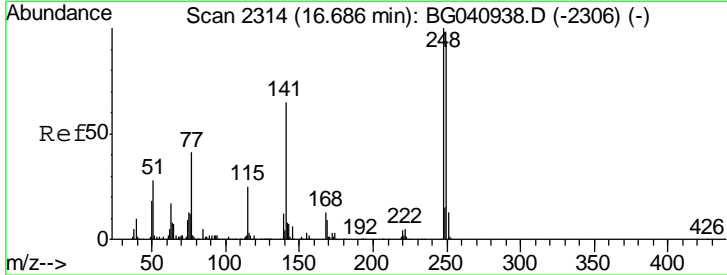
Instrument :  
 BNA\_G  
 ClientSampled :  
 PB120413BL

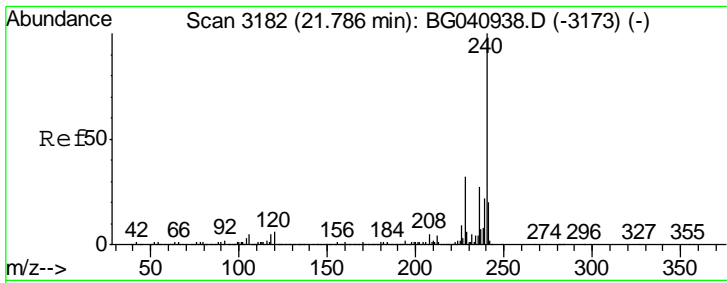
Tgt Ion	Resp	Lower	Upper
198	100		
51	69.8	21.6	61.6#
105	67.7	17.5	57.5#



#67  
 4-Bromophenyl-phenylether  
 Concen: 2.752 ng  
 RT: 16.22 min Scan# 2235  
 Delta R.T. -0.44 min  
 Lab File: BG041157.D  
 Acq: 10 Jun 2019 9:46

Tgt Ion	Resp	Lower	Upper
248	100		
250	220.3	75.0	112.4#
141	535.9	52.4	78.6#

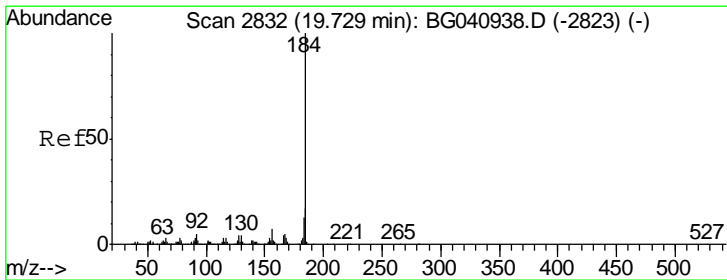
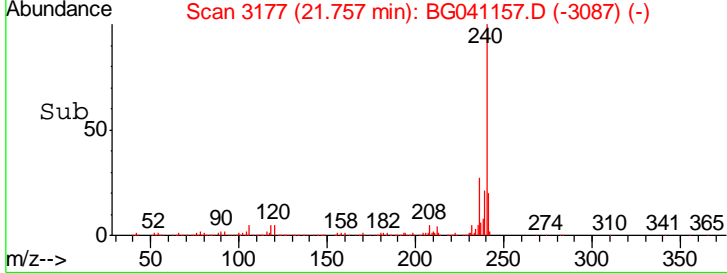
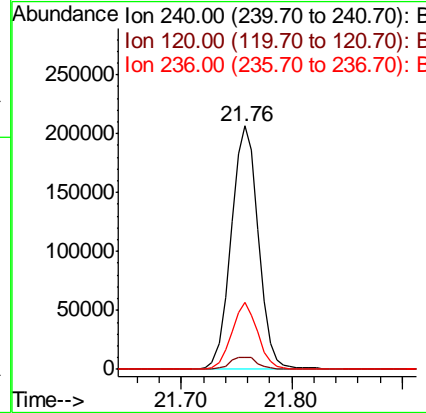
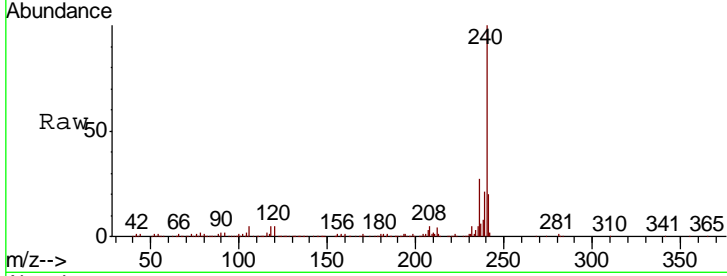




#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.76 min Scan# 3177  
 Delta R.T. -0.00 min  
 Lab File: BG041157.D  
 Acq: 10 Jun 2019 9:46

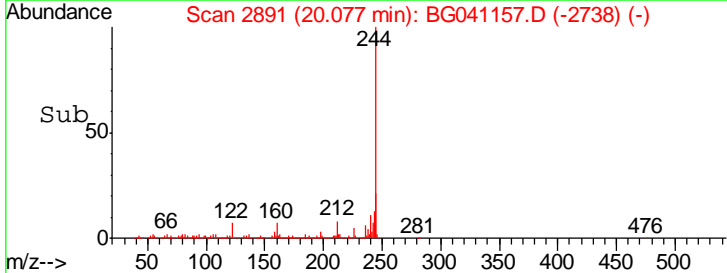
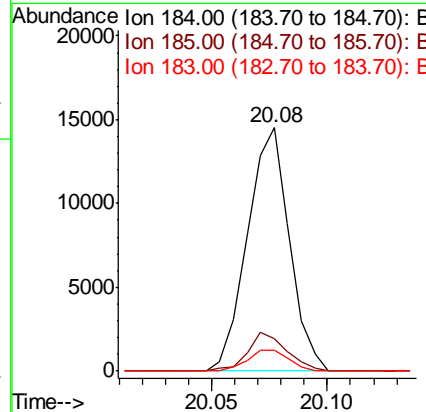
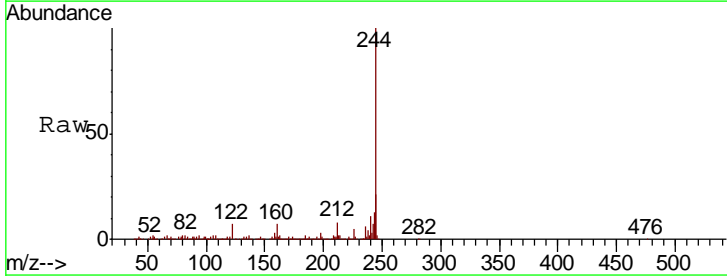
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 BNA\_G  
 ClientSampled :  
 PB120413BL

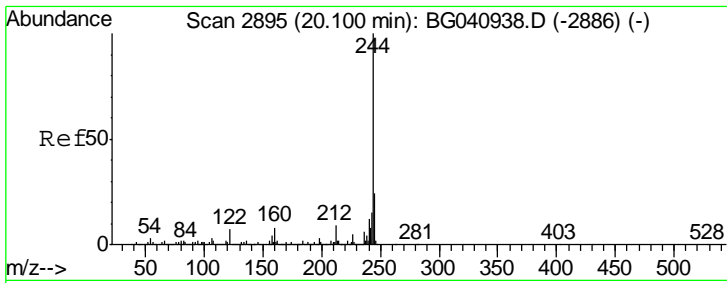
Tgt Ion	Resp	Lower	Upper
240	100		
120	5.0	4.5	6.7
236	27.3	21.3	31.9



#77  
 Benzidine  
 Concen: 2.151 ng  
 RT: 20.08 min Scan# 2891  
 Delta R.T. 0.37 min  
 Lab File: BG041157.D  
 Acq: 10 Jun 2019 9:46

Tgt Ion	Resp	Lower	Upper
184	100		
185	13.2	13.3	19.9#
183	8.8	10.7	16.1#

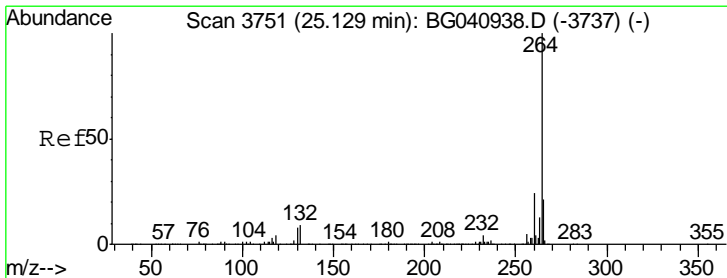
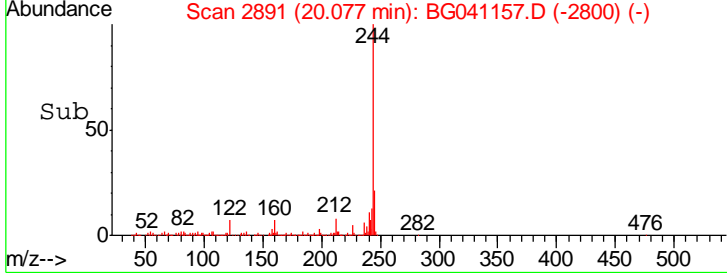
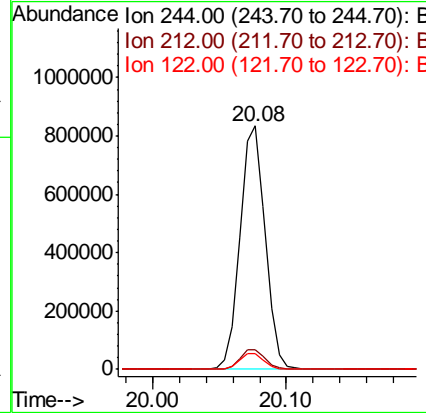
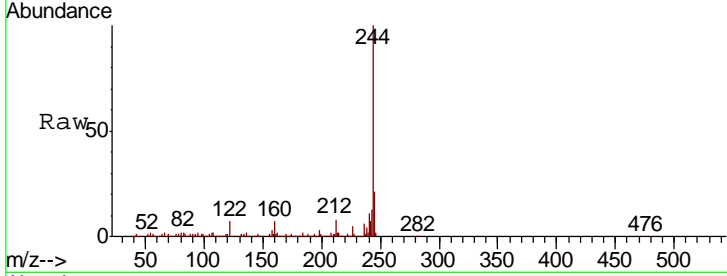




#79  
 Terphenyl-d14  
 Concen: 64.790 ng  
 RT: 20.08 min Scan# 2891  
 Delta R.T. 0.00 min  
 Lab File: BG041157.D  
 Acq: 10 Jun 2019 9:46

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB120413BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.0	10.4
122	6.5	5.4	8.0



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.09 min Scan# 3744  
 Delta R.T. 0.00 min  
 Lab File: BG041157.D  
 Acq: 10 Jun 2019 9:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.0	28.4
265	22.2	17.0	25.4

