

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
 Data File : BG039721.D
 Acq On : 2 Mar 2019 13:20
 Operator : JU/SJ
 Sample : K1675-10
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 03 23:49:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 06:15:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	50723	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	217603	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	137685	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	320791	20.00	ng	0.00
76) Chrysene-d12	21.82	240	339629	20.00	ng	0.00
87) Perylene-d12	25.20	264	314846	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	419490	141.55	ng	0.00
7) Phenol-d6	7.31	99	540025	123.79	ng	0.00
23) Nitrobenzene-d5	9.34	82	390737	112.18	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	179026	120.75	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	901406	93.92	ng	0.00
79) Terphenyl-d14	20.13	244	1374116	85.64	ng	0.00

Target Compounds

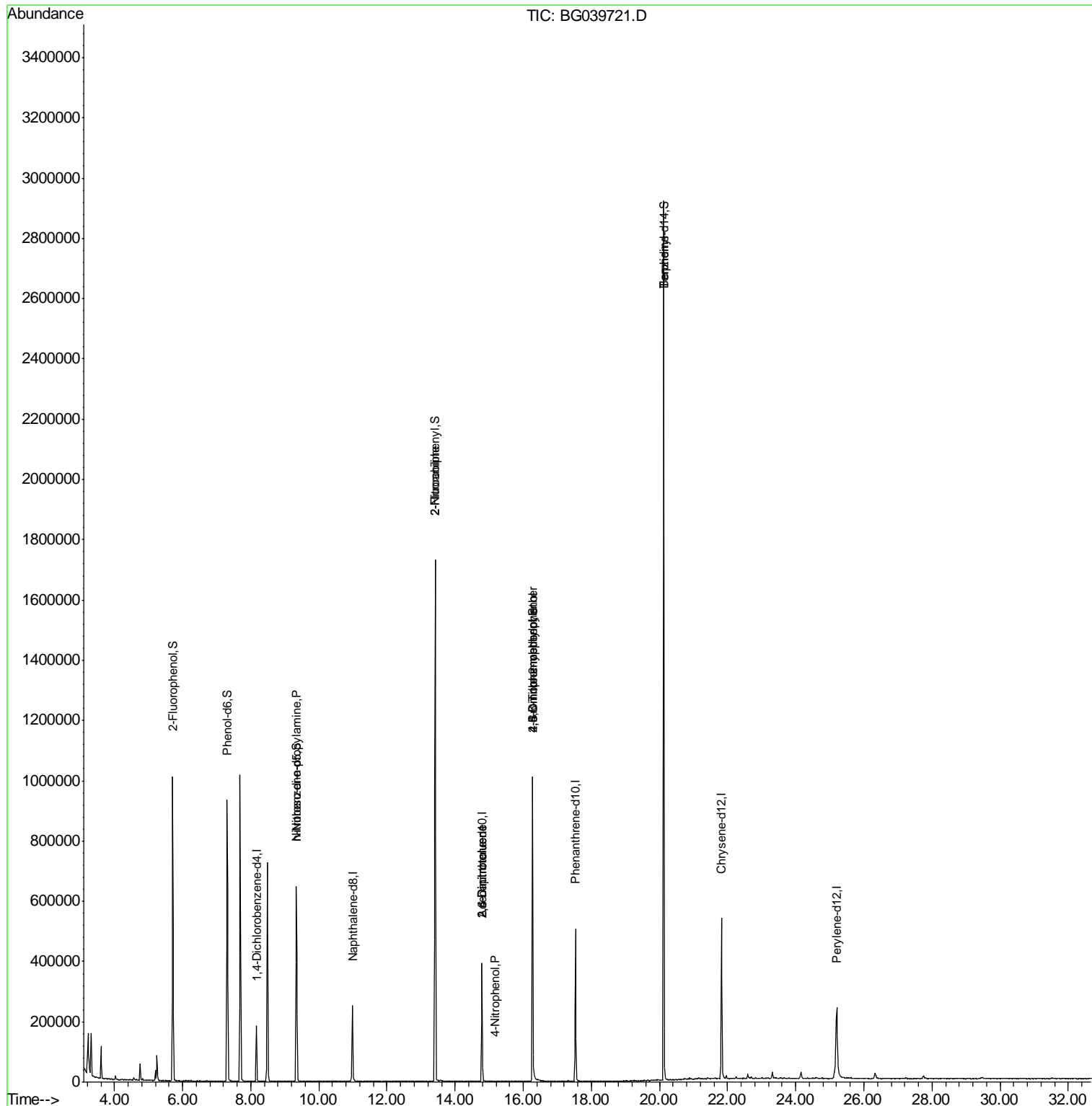
					Qvalue	
9) Benzaldehyde	7.31	77	958	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.34	70	49861	16.104 ng	#	74
48) 2-Nitroaniline	13.41	65	1532	8.808 ng	#	1
51) 2,6-Dinitrotoluene	14.79	165	17598	13.870 ng	#	25
56) 4-Nitrophenol	15.18	139	269	5.918 ng	#	1
57) 2,4-Dinitrotoluene	14.79	165	17598	13.358 ng	#	20
65) 4,6-Dinitro-2-methylphenol	16.27	198	480	4.654 ng	#	1
67) 4-Bromophenyl-phenylether	16.27	248	14023	3.940 ng	#	1
77) Benzidine	20.13	184	24002	2.156 ng		95

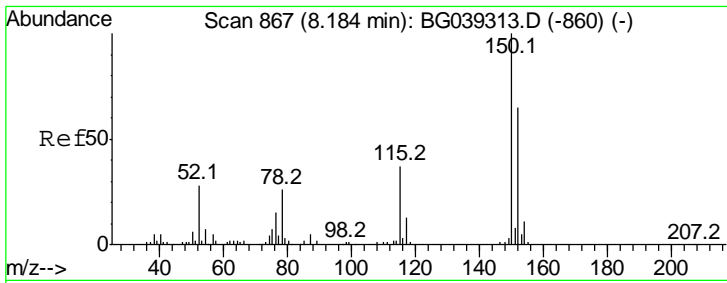
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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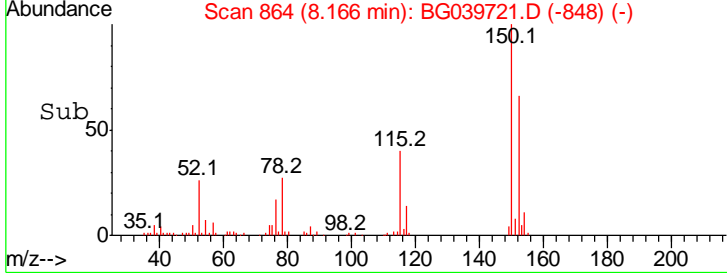
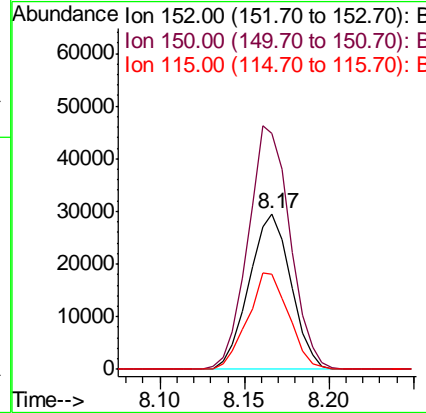
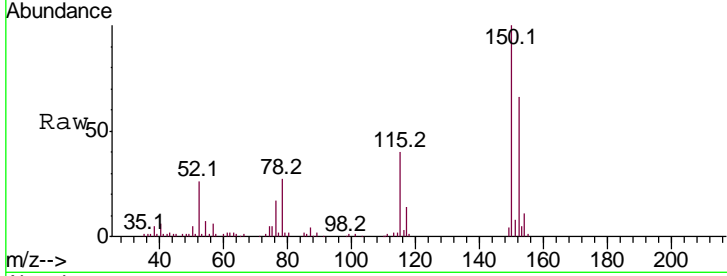




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: BG039721.D
 Acq: 2 Mar 2019 13:20

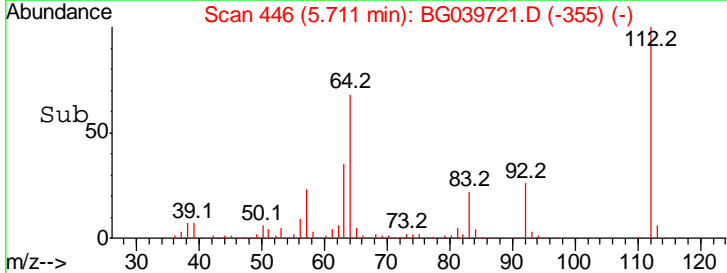
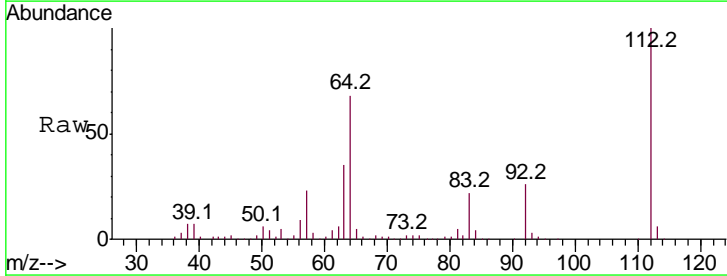
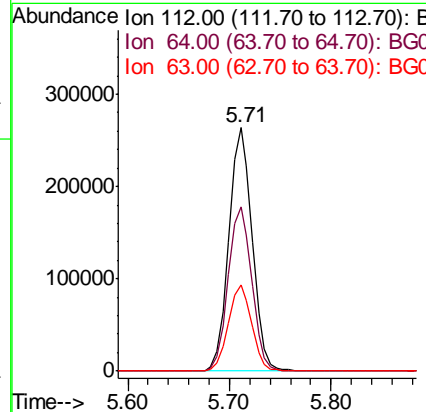
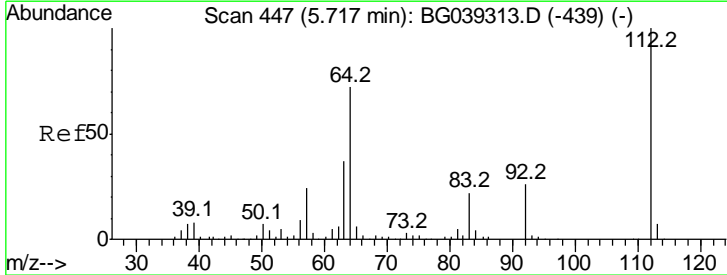
Instrument :
 BNA_G
 ClientSampleId :

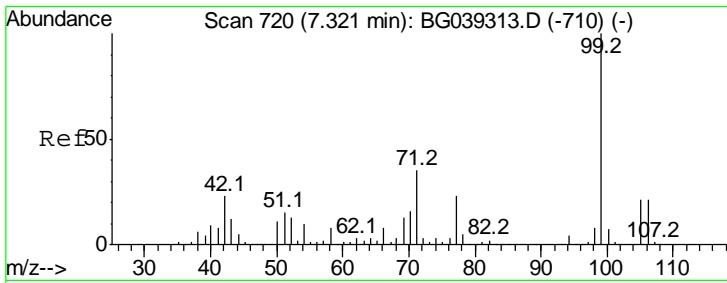
Tgt Ion	Resp	Lower	Upper
152	100		
150	152.0	123.7	185.5
115	61.6	45.9	68.9



#5
 2-Fluorophenol
 Concen: 141.545 ng
 RT: 5.71 min Scan# 446
 Delta R.T. 0.00 min
 Lab File: BG039721.D
 Acq: 2 Mar 2019 13:20

Tgt Ion	Resp	Lower	Upper
112	100		
64	67.6	57.8	86.8
63	35.4	29.8	44.6

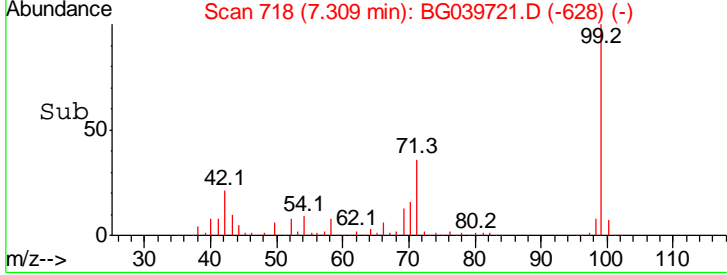
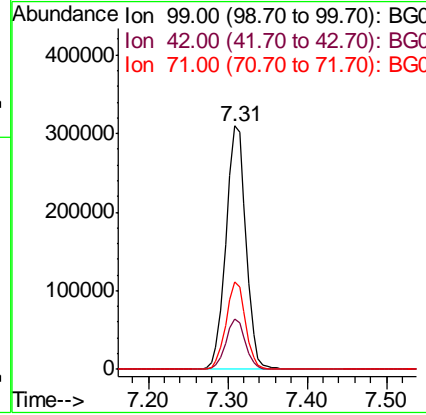
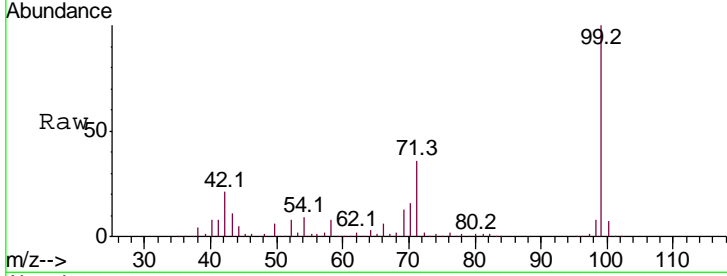




#7
 Phenol-d6
 Concen: 123.791 ng
 RT: 7.31 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: BG039721.D
 Acq: 2 Mar 2019 13:20

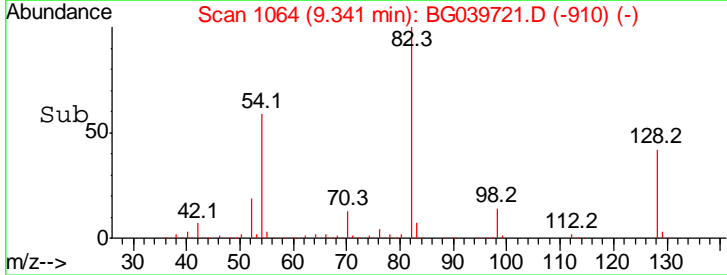
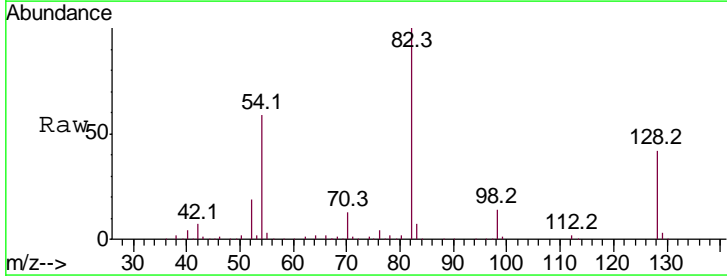
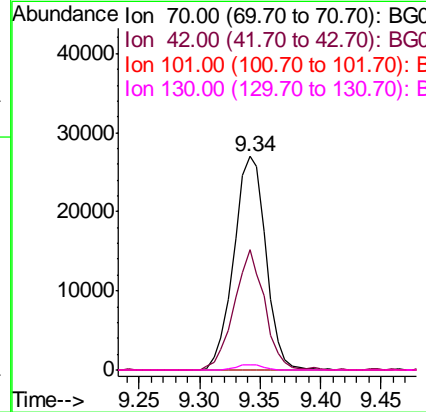
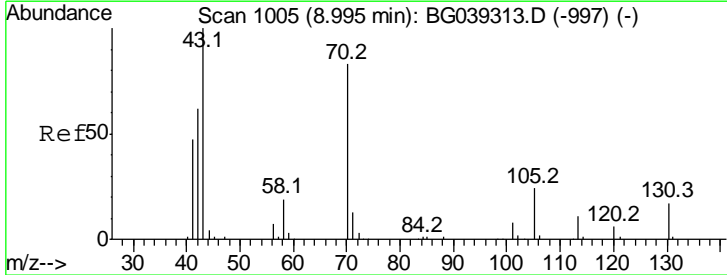
Instrument :
 BNA_G
 ClientSampled :

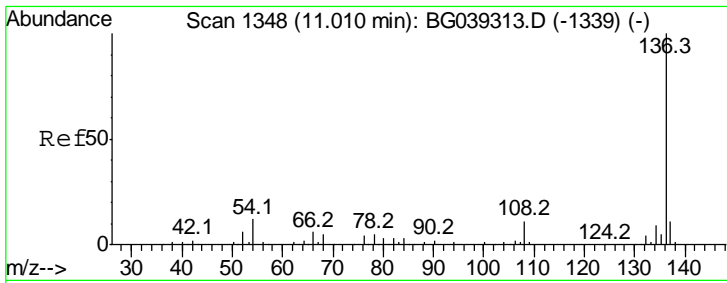
Tgt Ion	Resp	Lower	Upper
99	100		
42	20.6	18.2	27.2
71	36.1	28.0	42.0



#19
 n-Nitroso-di-n-propylamine
 Concen: 16.104 ng
 RT: 9.34 min Scan# 1064
 Delta R.T. 0.37 min
 Lab File: BG039721.D
 Acq: 2 Mar 2019 13:20

Tgt Ion	Resp	Lower	Upper
70	100		
42	56.3	60.4	90.6#
101	0.0	7.5	11.3#
130	2.2	16.9	25.3#



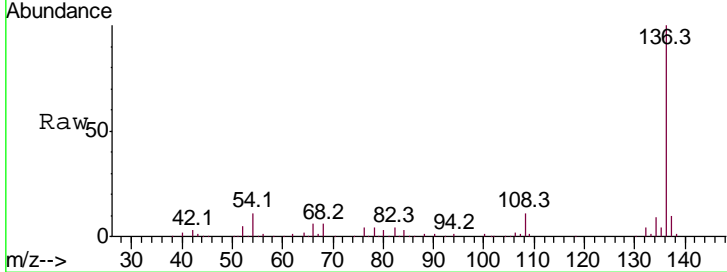


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.99 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: BG039721.D
 Acq: 2 Mar 2019 13:20

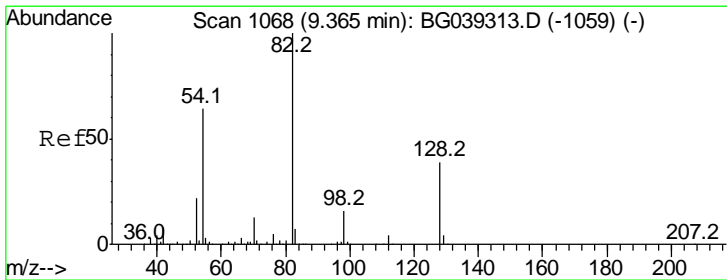
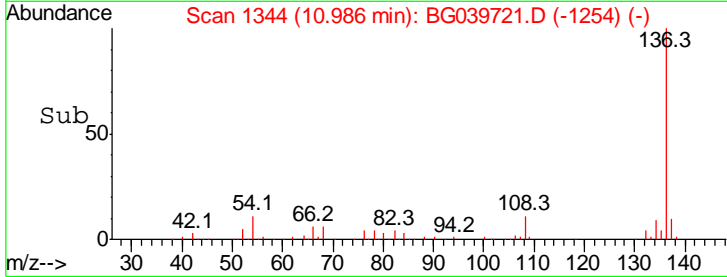
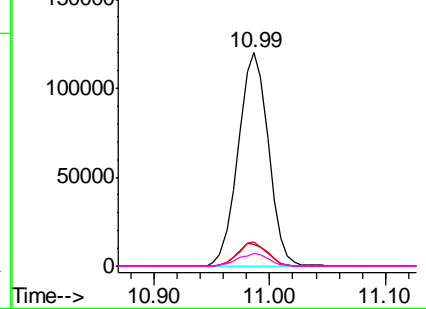
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:136 Resp: 217603

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.1	13.7
54	11.1	9.4	14.2
68	6.2	4.2	6.4



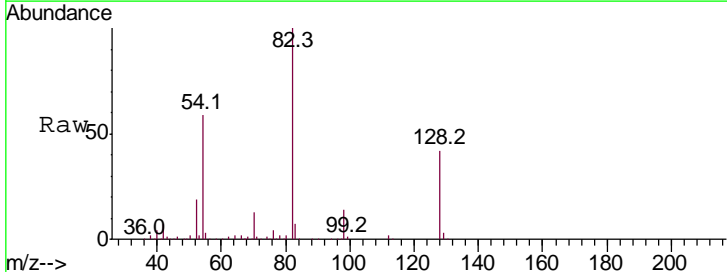
Abundance Ion 136.00 (135.70 to 136.70): E
 Ion 137.00 (136.70 to 137.70): E
 Ion 54.00 (53.70 to 54.70): BG
 Ion 68.00 (67.70 to 68.70): BG



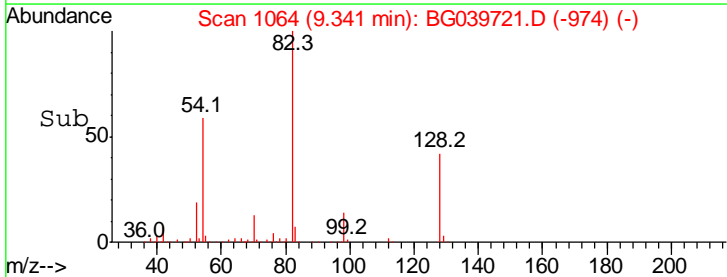
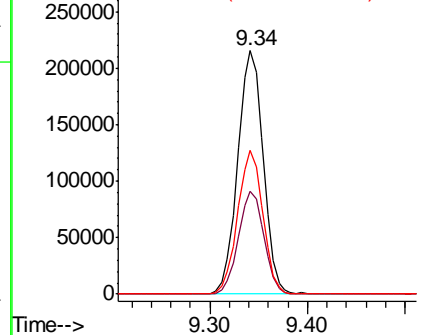
#23
 Nitrobenzene-d5
 Concen: 112.177 ng
 RT: 9.34 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: BG039721.D
 Acq: 2 Mar 2019 13:20

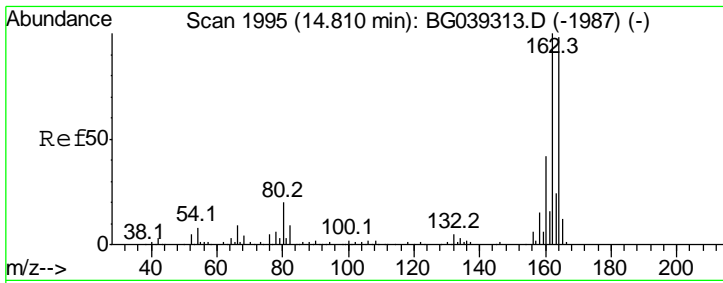
Tgt Ion: 82 Resp: 390737

Ion	Ratio	Lower	Upper
82	100		
128	42.2	31.3	46.9
54	58.8	50.9	76.3



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

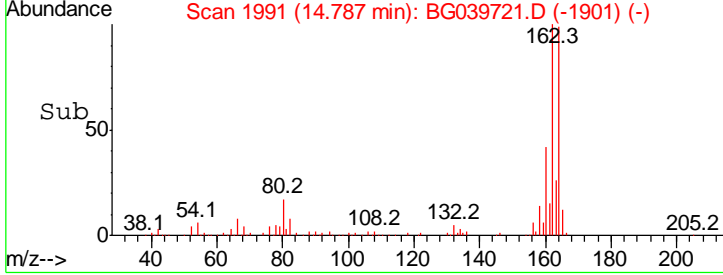
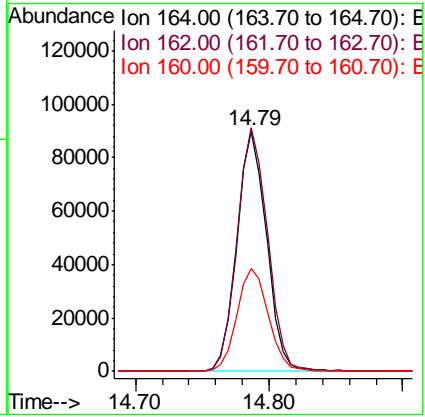
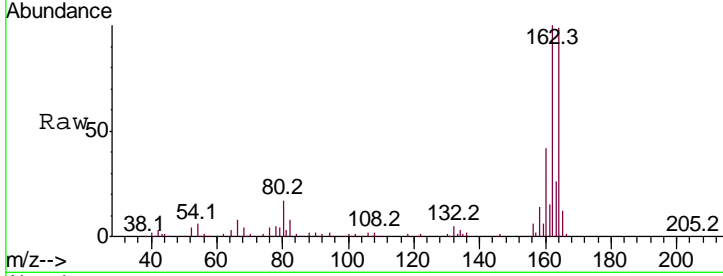




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1991
 Delta R.T. -0.00 min
 Lab File: BG039721.D
 Acq: 2 Mar 2019 13:20

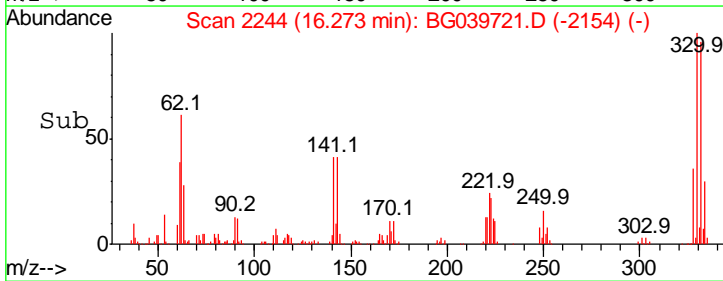
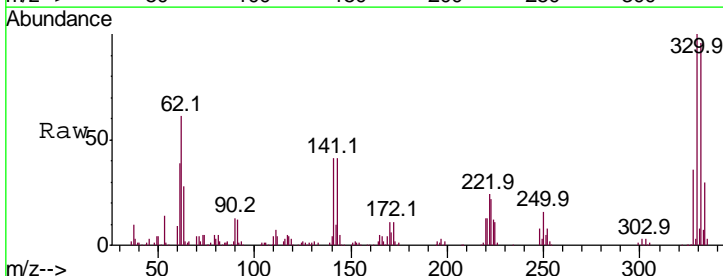
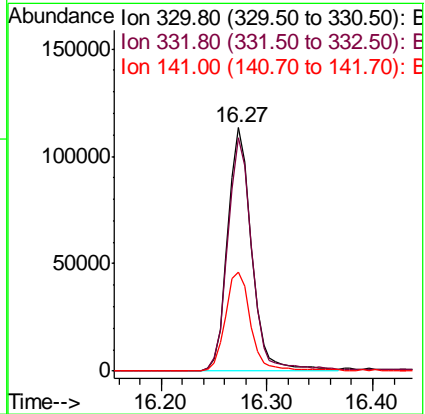
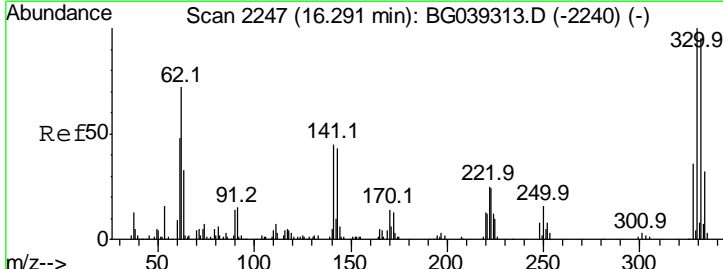
Instrument :
 BNA_G
 ClientSampled :

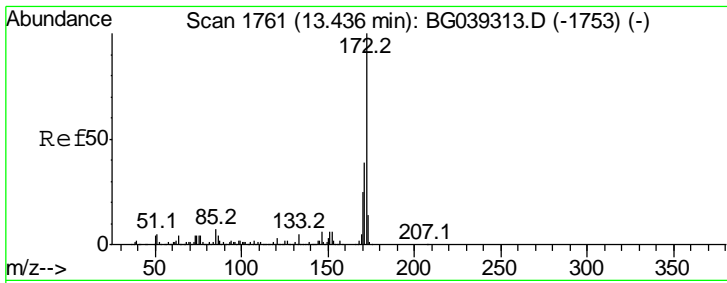
Tgt Ion	Resp	Lower	Upper
164	100		
162	101.5	81.6	122.4
160	42.9	34.2	51.2



#42
 2,4,6-Tribromophenol
 Concen: 120.749 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BG039721.D
 Acq: 2 Mar 2019 13:20

Tgt Ion	Resp	Lower	Upper
330	100		
332	96.8	75.7	113.5
141	42.6	35.6	53.4

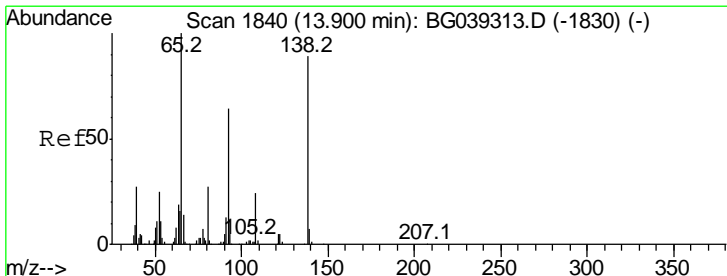
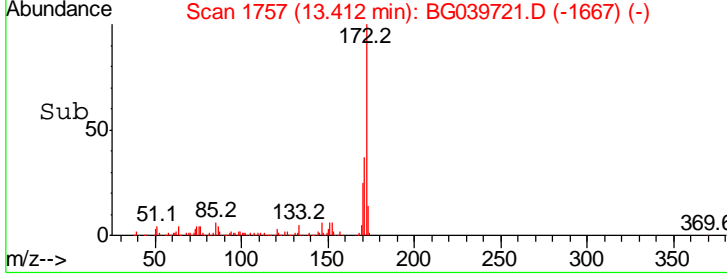
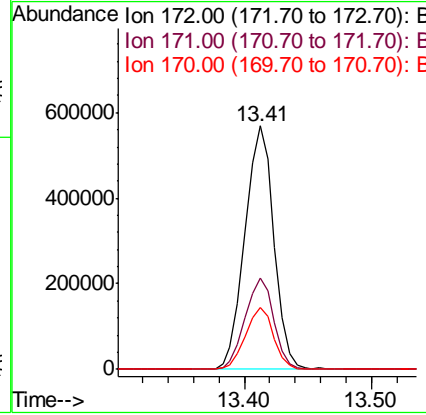
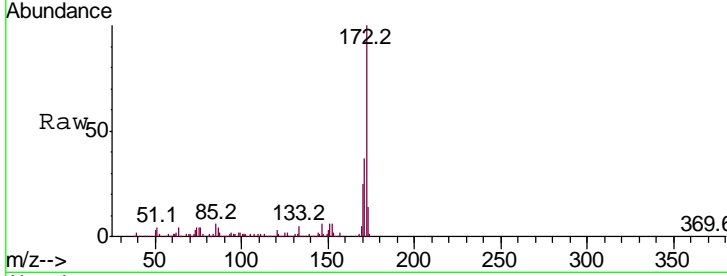




#45
 2-Fluorobiphenyl
 Concen: 93.918 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BG039721.D
 Acq: 2 Mar 2019 13:20

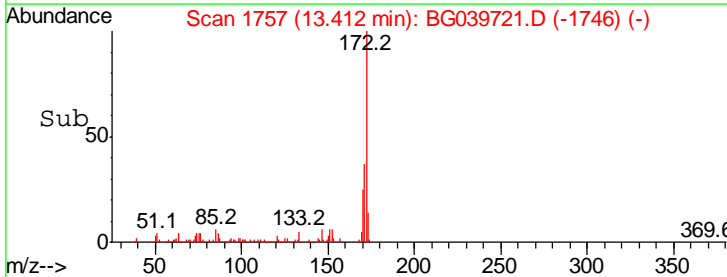
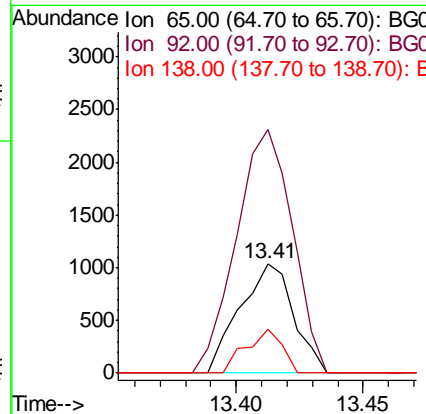
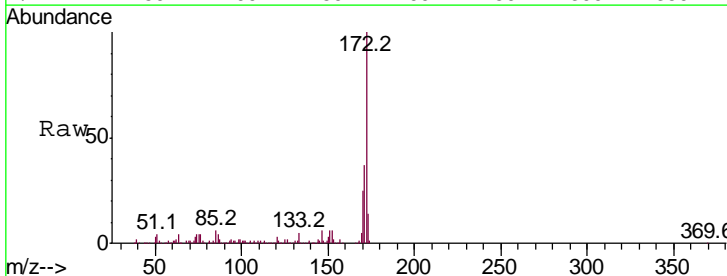
Instrument :
 BNA_G
 ClientSampled :

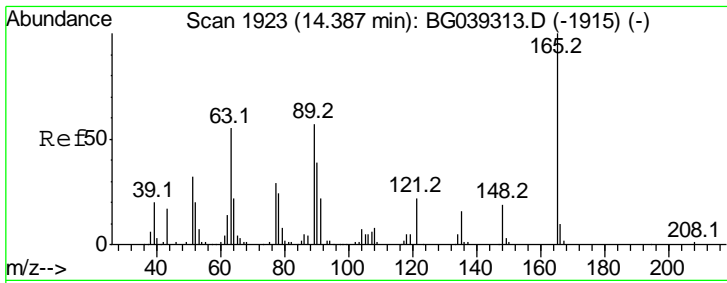
Tgt Ion	Resp	Lower	Upper
172	100		
171	37.3	30.8	46.2
170	25.3	20.2	30.4



#48
 2-Nitroaniline
 Concen: 8.808 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.47 min
 Lab File: BG039721.D
 Acq: 2 Mar 2019 13:20

Tgt Ion	Resp	Lower	Upper
65	100		
92	222.8	51.4	77.2#
138	39.9	71.4	107.2#

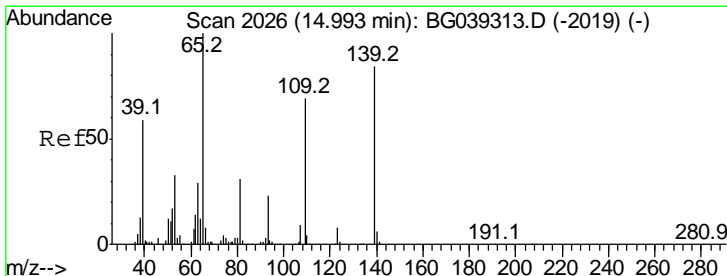
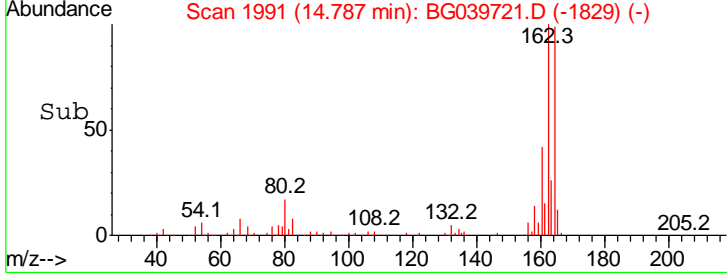
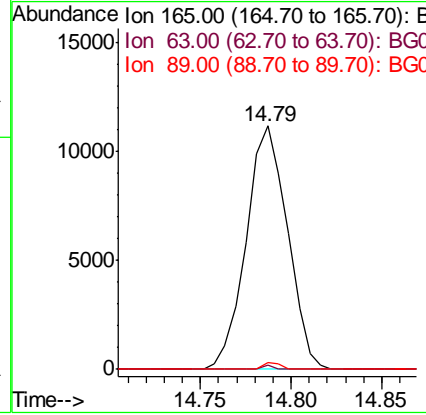
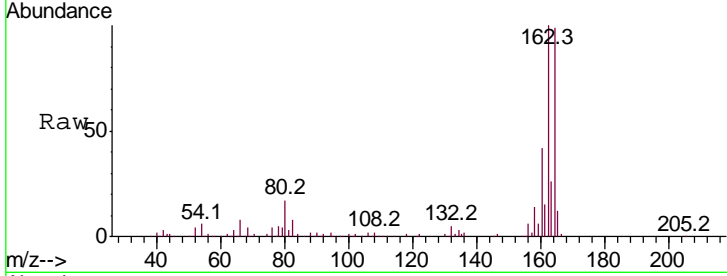




#51
 2,6-Dinitrotoluene
 Concen: 13.870 ng
 RT: 14.79 min Scan# 1991
 Delta R.T. 0.42 min
 Lab File: BG039721.D
 Acq: 2 Mar 2019 13:20

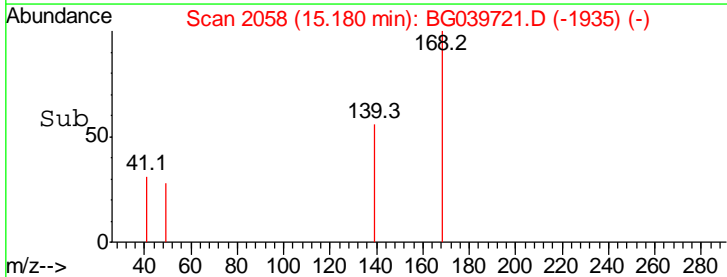
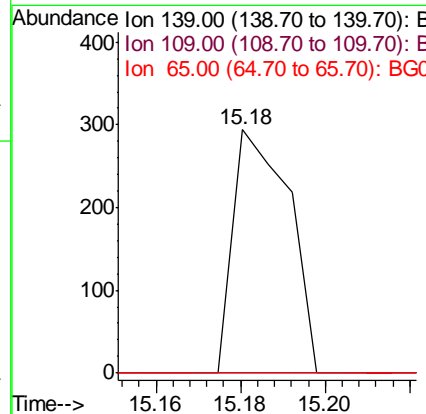
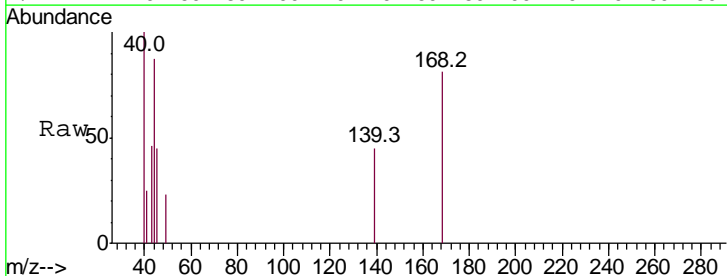
Instrument :
 BNA_G
 ClientSampled :

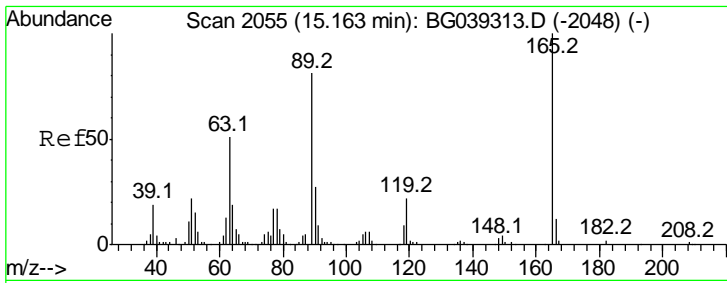
Tgt Ion	Resp	Lower	Upper
165	100		
63	1.7	47.0	70.6#
89	2.6	45.8	68.8#



#56
 4-Nitrophenol
 Concen: 5.918 ng
 RT: 15.18 min Scan# 2058
 Delta R.T. 0.19 min
 Lab File: BG039721.D
 Acq: 2 Mar 2019 13:20

Tgt Ion	Resp	Lower	Upper
139	100		
109	0.0	61.9	101.9#
65	0.0	99.1	139.1#

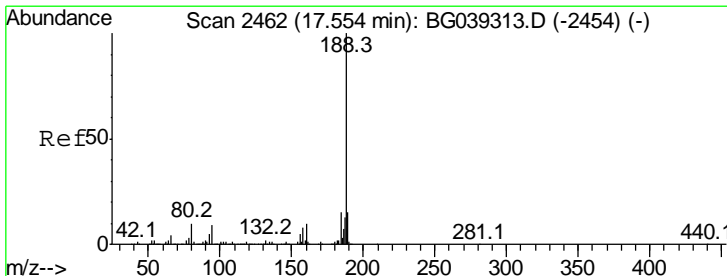
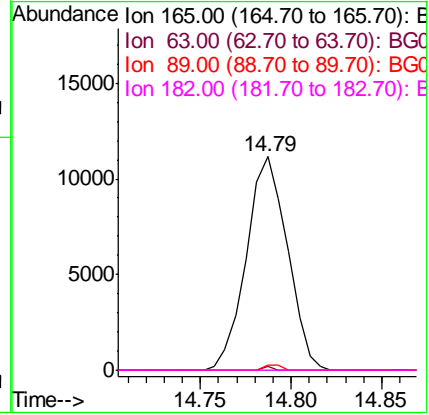
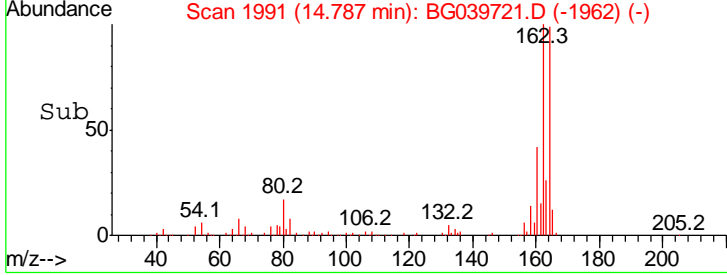
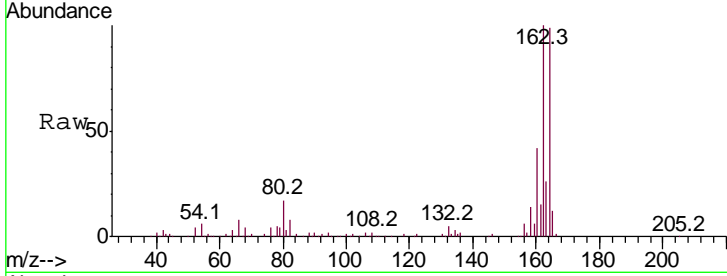




#57
 2,4-Dinitrotoluene
 Concen: 13.358 ng
 RT: 14.79 min Scan# 1991
 Delta R.T. -0.36 min
 Lab File: BG039721.D
 Acq: 2 Mar 2019 13:20

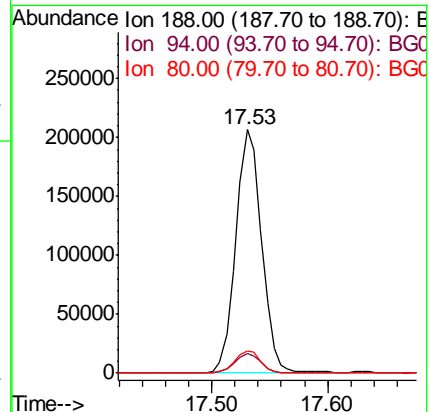
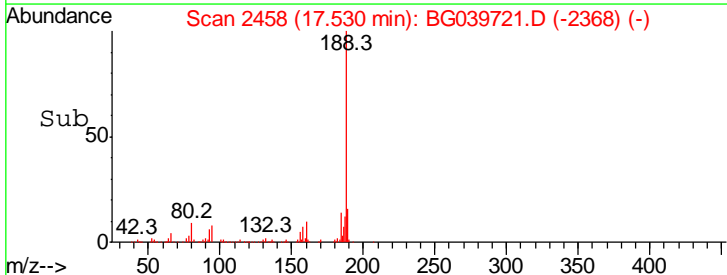
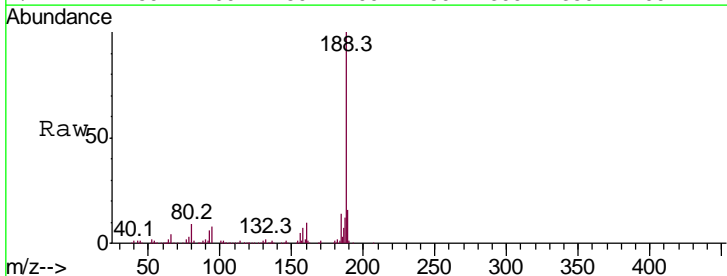
Instrument :
 BNA_G
 ClientSampled :

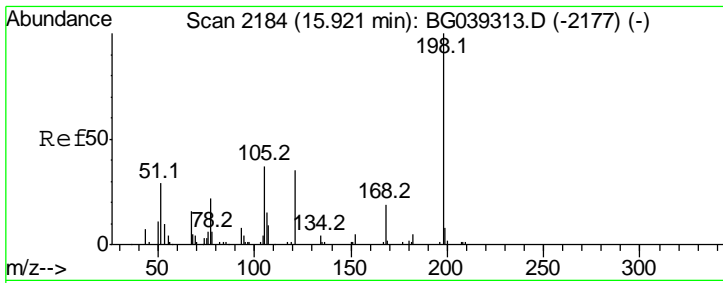
Tgt Ion	Resp	Lower	Upper
165	17598		
63	1.7	41.0	61.6#
89	2.6	64.6	96.8#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.53 min Scan# 2458
 Delta R.T. -0.00 min
 Lab File: BG039721.D
 Acq: 2 Mar 2019 13:20

Tgt Ion	Resp	Lower	Upper
188	320791		
94	8.1	6.9	10.3
80	9.1	8.1	12.1

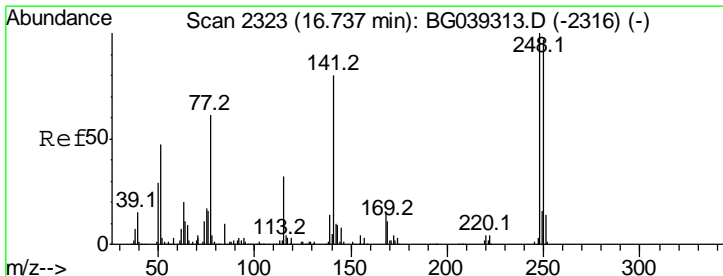
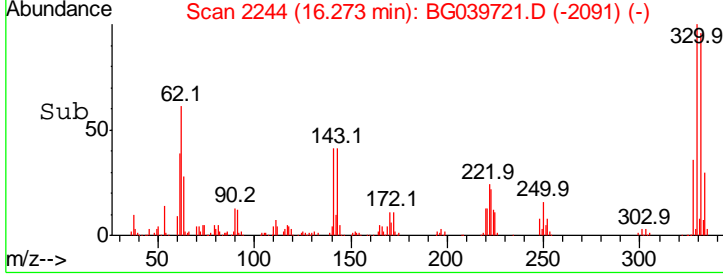
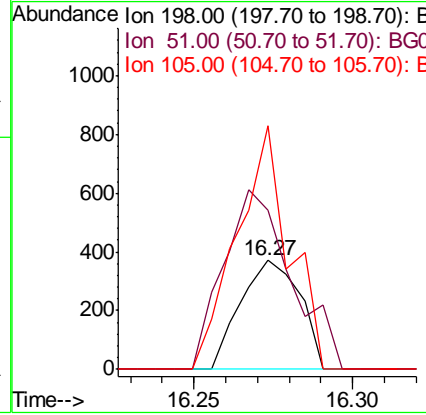
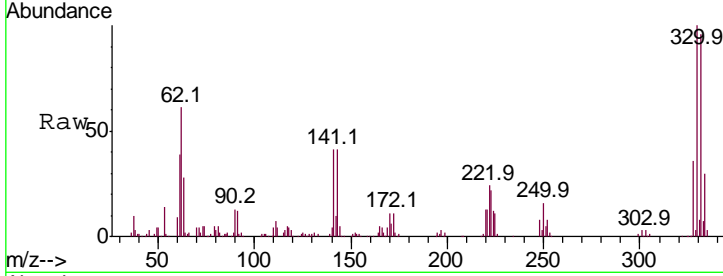




#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.654 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. 0.37 min
 Lab File: BG039721.D
 Acq: 2 Mar 2019 13:20

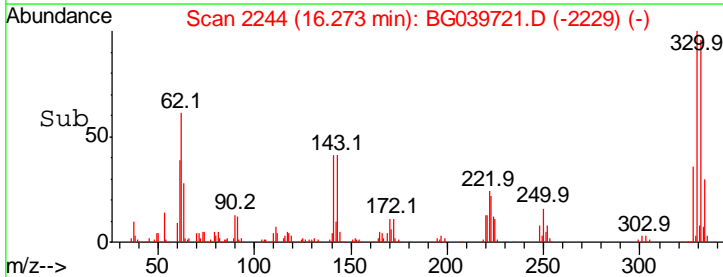
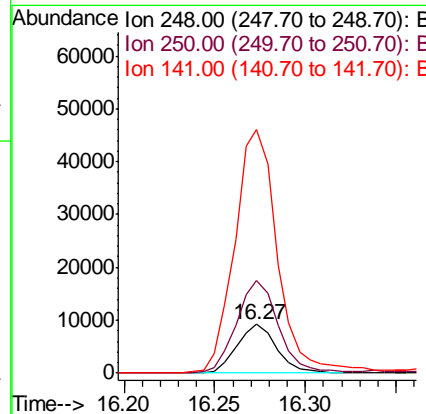
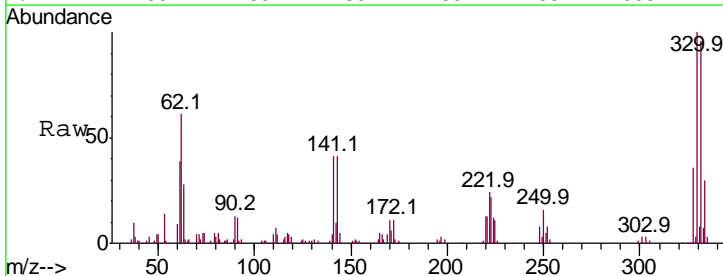
Instrument :
 BNA_G
 ClientSampled :

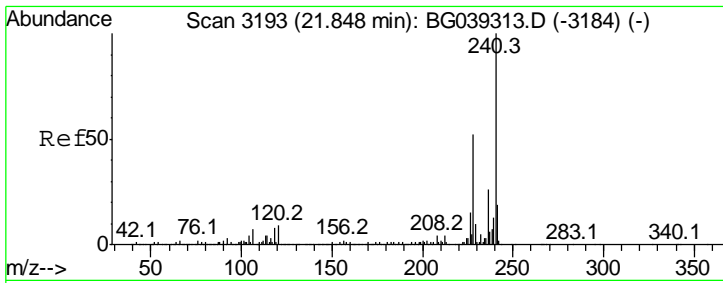
Tgt Ion	Resp	Lower	Upper
198	100		
51	146.8	27.4	67.4#
105	224.1	19.7	59.7#



#67
 4-Bromophenyl-phenylether
 Concen: 3.940 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.44 min
 Lab File: BG039721.D
 Acq: 2 Mar 2019 13:20

Tgt Ion	Resp	Lower	Upper
248	100		
250	190.3	77.6	116.4#
141	497.7	63.9	95.9#

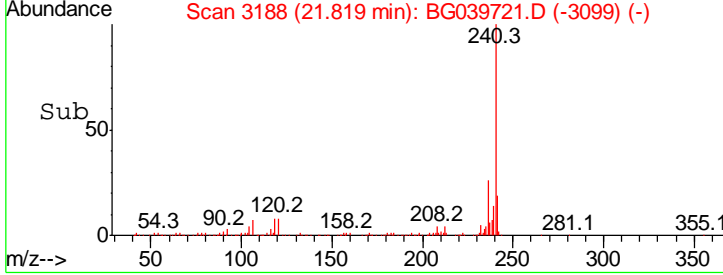
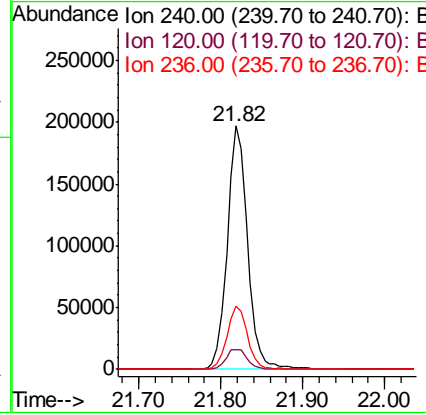
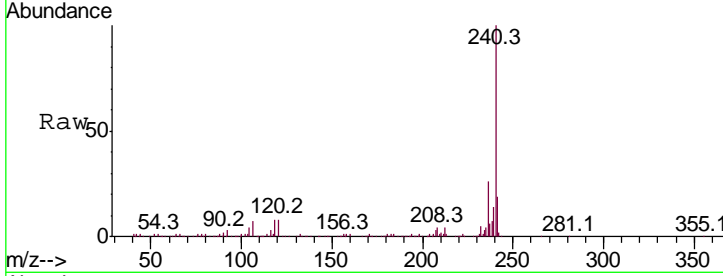




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.82 min Scan# 3188
 Delta R.T. -0.01 min
 Lab File: BG039721.D
 Acq: 2 Mar 2019 13:20

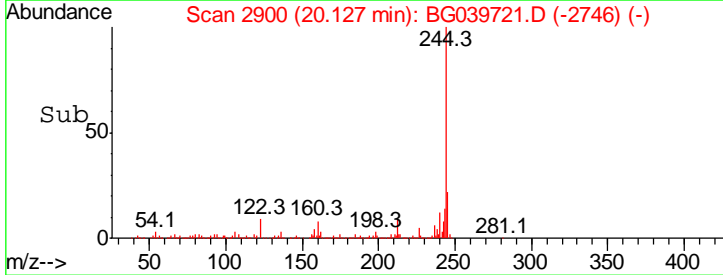
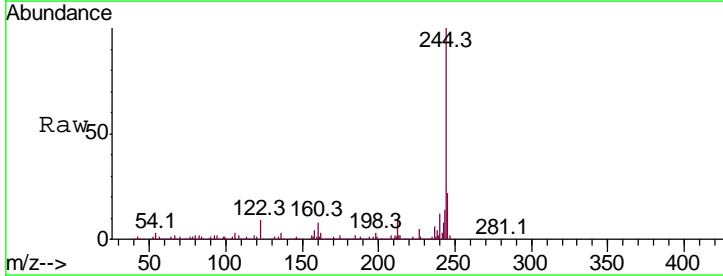
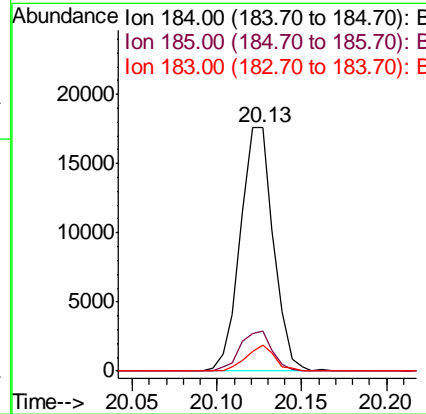
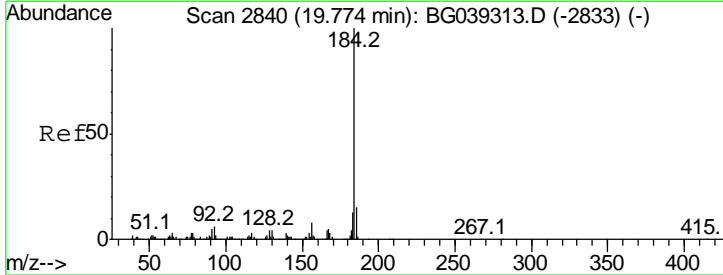
Instrument :
 BNA_G
 ClientSampled :

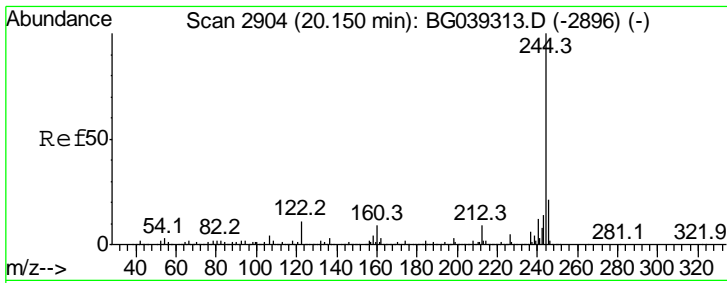
Tgt Ion	Resp	Lower	Upper
240	100		
120	8.2	7.0	10.6
236	25.8	21.0	31.4



#77
 Benzidine
 Concen: 2.156 ng
 RT: 20.13 min Scan# 2900
 Delta R.T. 0.37 min
 Lab File: BG039721.D
 Acq: 2 Mar 2019 13:20

Tgt Ion	Resp	Lower	Upper
184	100		
185	16.6	12.2	18.2
183	10.8	10.6	15.8

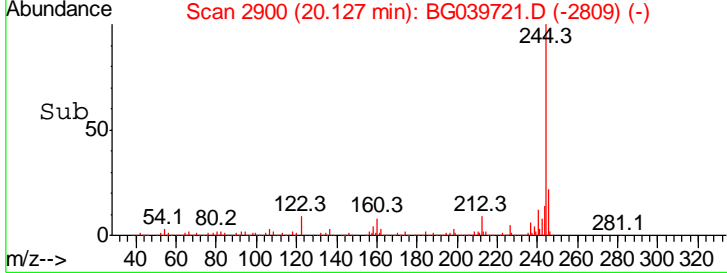
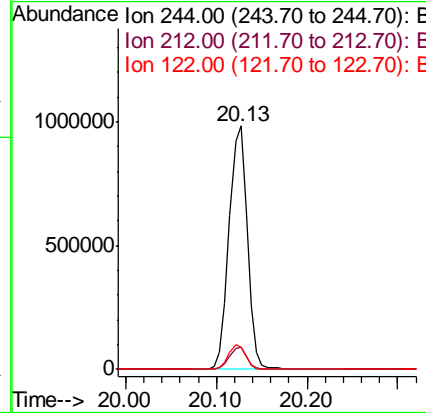
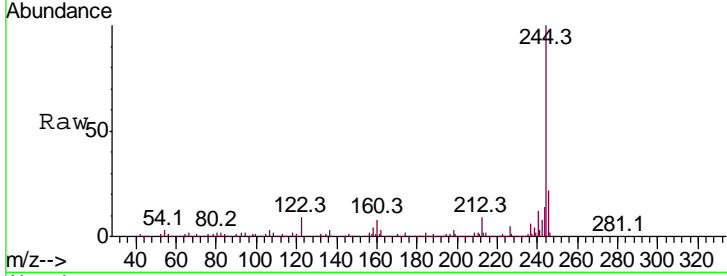




#79
 Terphenyl-d14
 Concen: 85.640 ng
 RT: 20.13 min Scan# 2900
 Delta R.T. 0.00 min
 Lab File: BG039721.D
 Acq: 2 Mar 2019 13:20

Instrument :
 BNA_G
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
244	100		
212	9.3	7.3	10.9
122	9.3	8.4	12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.20 min Scan# 3764
 Delta R.T. 0.00 min
 Lab File: BG039721.D
 Acq: 2 Mar 2019 13:20

Tgt Ion	Resp	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	21.7	18.5	27.7

