

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037685.D
 Acq On : 31 Oct 2018 15:39
 Operator : JU/SJ
 Sample : J5737-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 31 18:03:23 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	8.10	152	55400	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	250839	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	172034	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	400344	20.00	ng	0.00
76) Chrysene-d12	21.77	240	353461	20.00	ng	0.00
87) Perylene-d12	25.10	264	331736	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	451205	136.16	ng	0.00
7) Phenol-d6	7.25	99	680866	135.88	ng	0.00
23) Nitrobenzene-d5	9.27	82	394909	88.19	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	244103	130.09	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	980014	85.90	ng	0.00
79) Terphenyl-d14	20.08	244	1400355	84.66	ng	0.00

Target Compounds

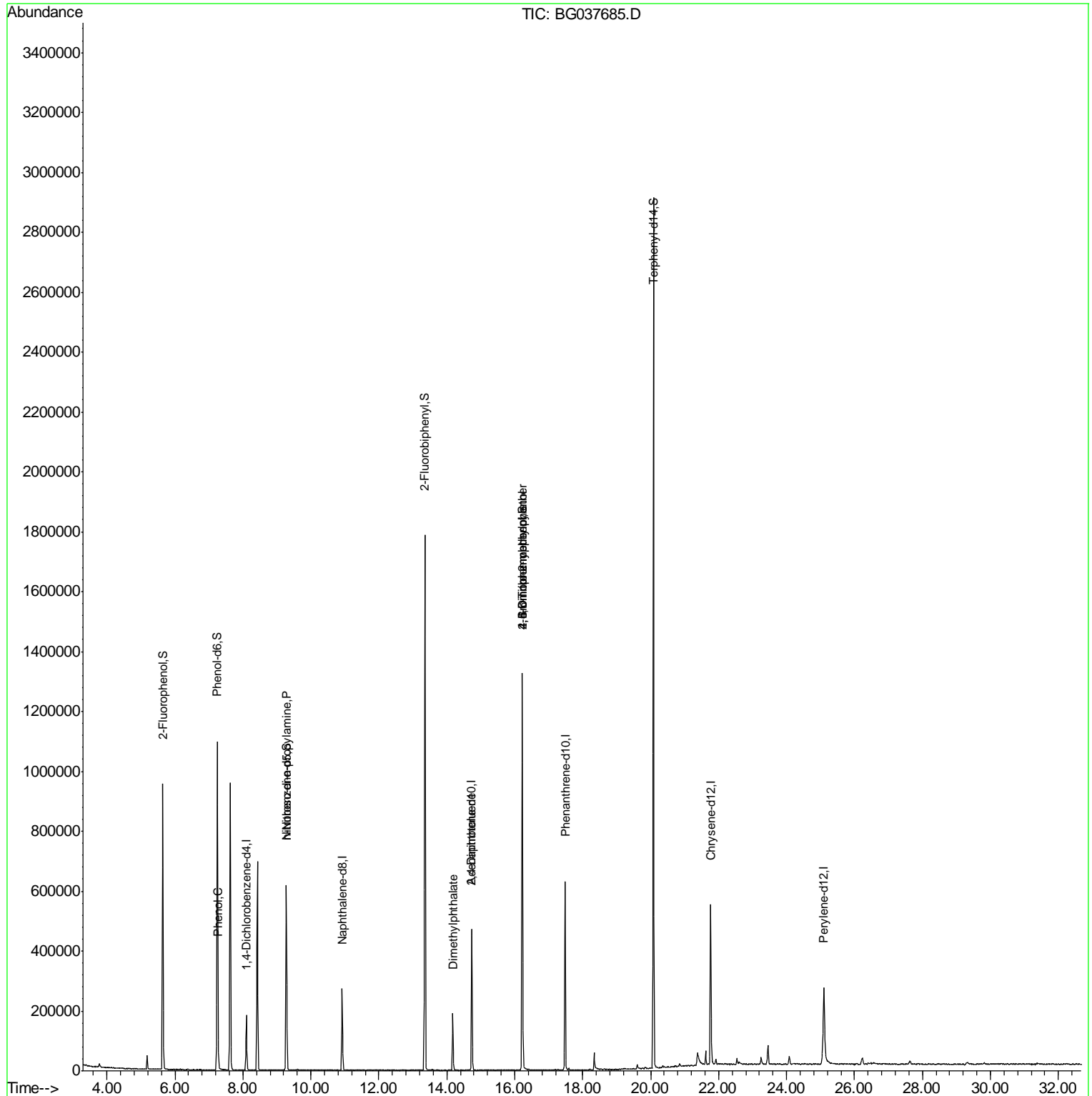
						Qvalue
10) Phenol	7.27	94	44051	8.332	ng	95
19) n-Nitroso-di-n-propylamine	9.27	70	49831	14.442	ng	# 69
50) Dimethylphthalate	14.18	163	137387	10.323	ng	99
57) 2,4-Dinitrotoluene	14.73	165	22463	5.812	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	670	8.770	ng	# 76
67) 4-Bromophenyl-phenylether	16.22	248	17984	4.091	ng	# 1

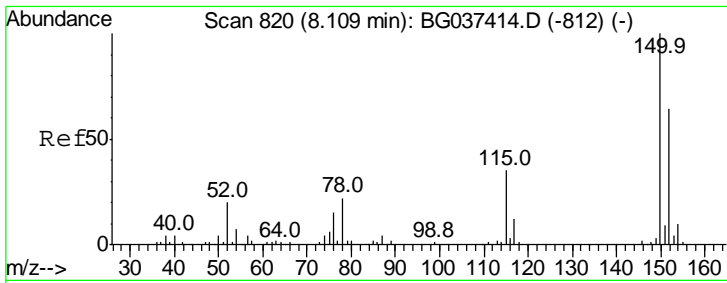
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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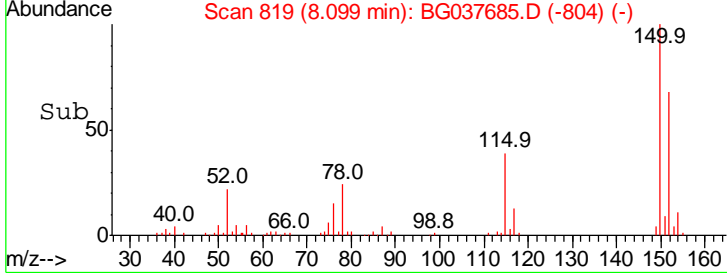
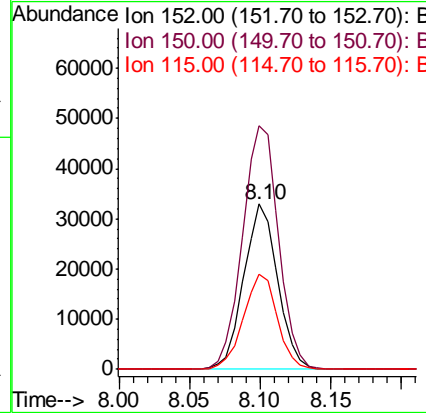
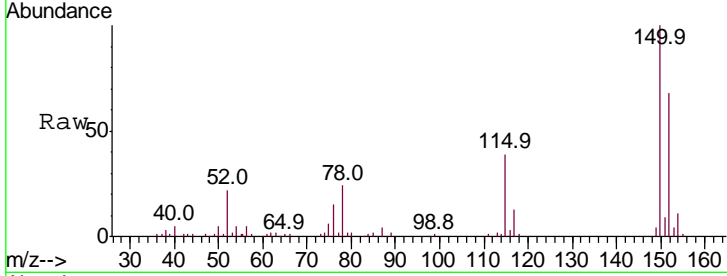




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG037685.D
 Acq: 31 Oct 2018 15:39

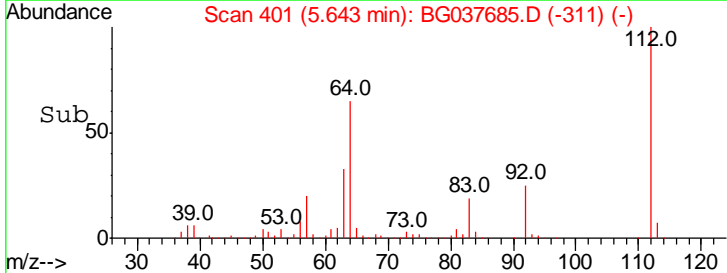
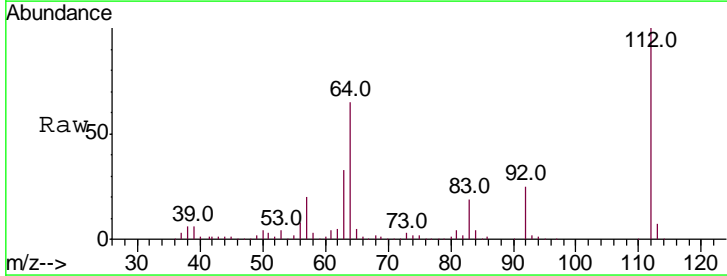
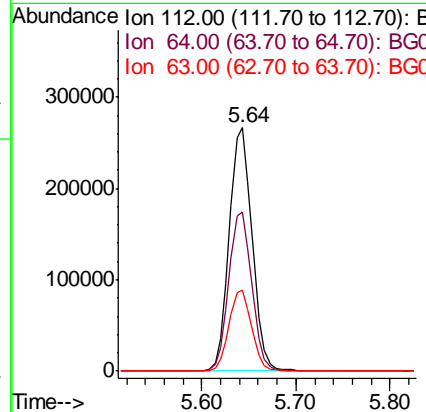
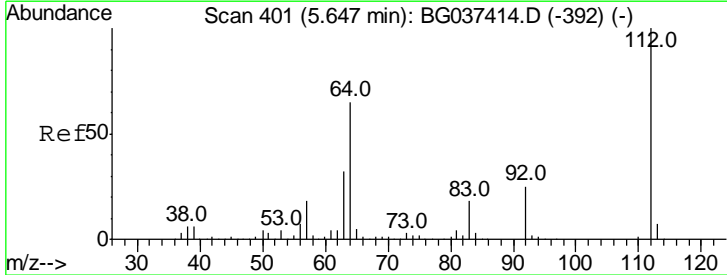
Instrument :
 BNA_G
 ClientSampled :

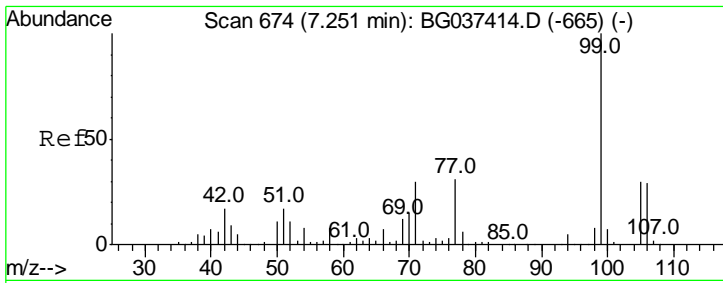
Tgt Ion	Resp	Lower	Upper
152	100		
150	147.2	126.0	189.0
115	57.2	45.5	68.3



#5
 2-Fluorophenol
 Concen: 136.164 ng
 RT: 5.64 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BG037685.D
 Acq: 31 Oct 2018 15:39

Tgt Ion	Resp	Lower	Upper
112	100		
64	65.4	53.1	79.7
63	33.3	27.3	40.9

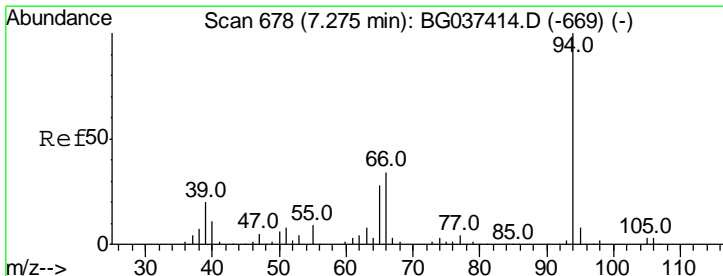
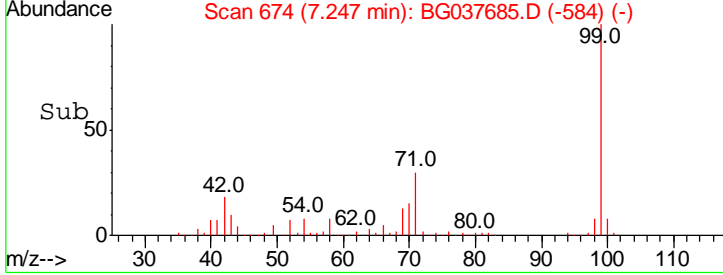
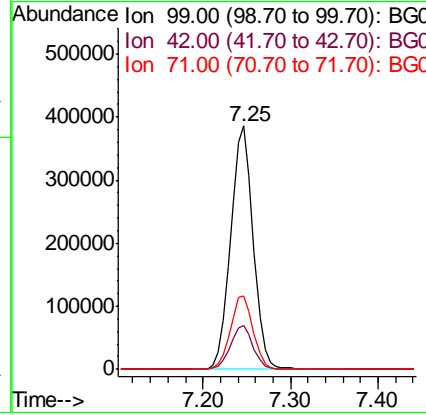
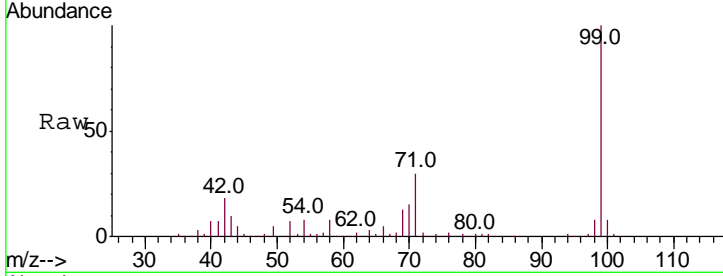




#7
 Phenol-d6
 Concen: 135.882 ng
 RT: 7.25 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: BG037685.D
 Acq: 31 Oct 2018 15:39

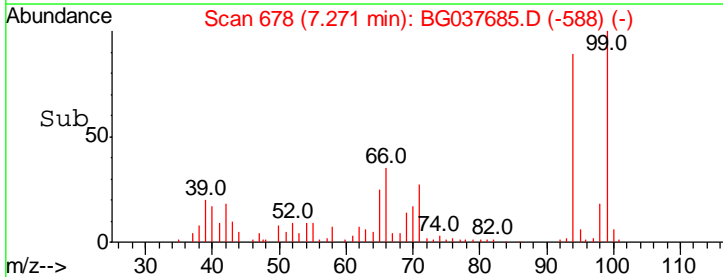
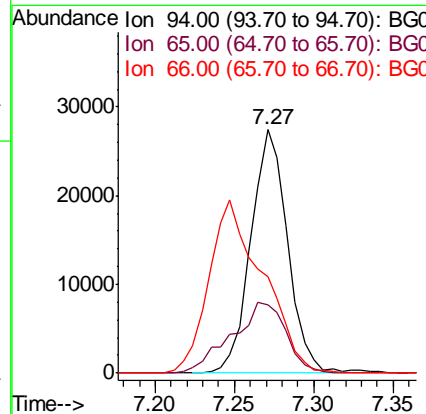
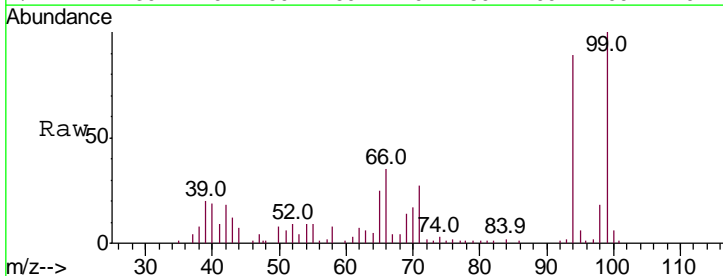
Instrument :
 BNA_G
 ClientSampled :

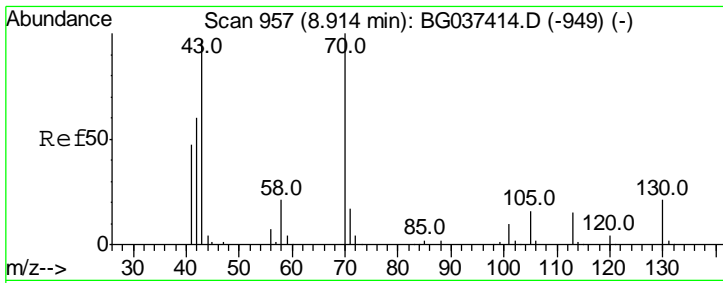
Tgt Ion	Resp	Lower	Upper
99	100		
42	17.9	15.0	22.4
71	30.3	25.5	38.3



#10
 Phenol
 Concen: 8.332 ng
 RT: 7.27 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BG037685.D
 Acq: 31 Oct 2018 15:39

Tgt Ion	Resp	Lower	Upper
94	100		
65	28.3	9.7	49.7
66	39.8	15.9	55.9

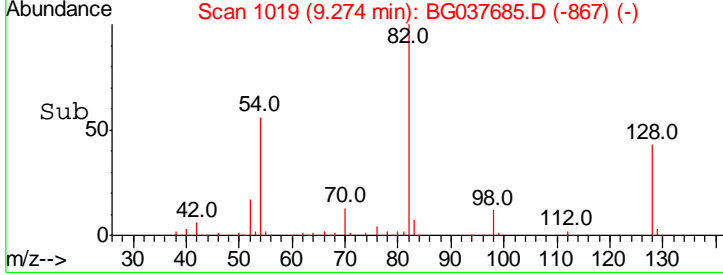
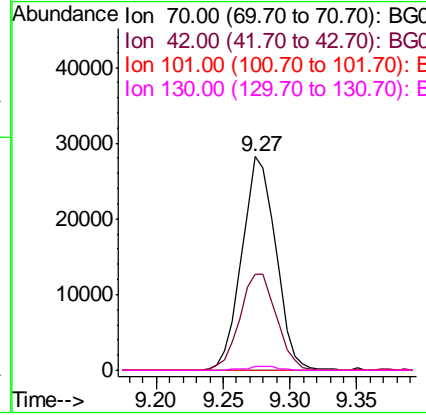
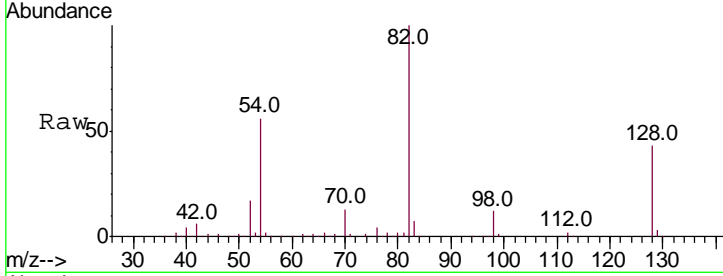




#19
 n-Nitroso-di-n-propylamine
 Concen: 14.442 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. 0.36 min
 Lab File: BG037685.D
 Acq: 31 Oct 2018 15:39

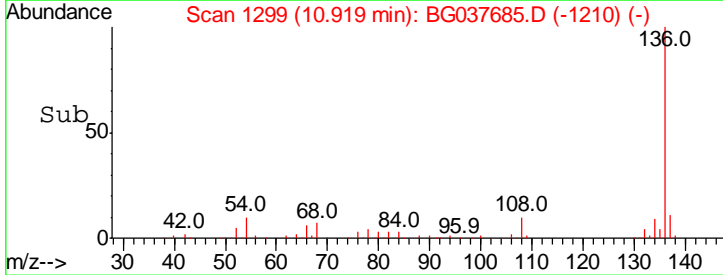
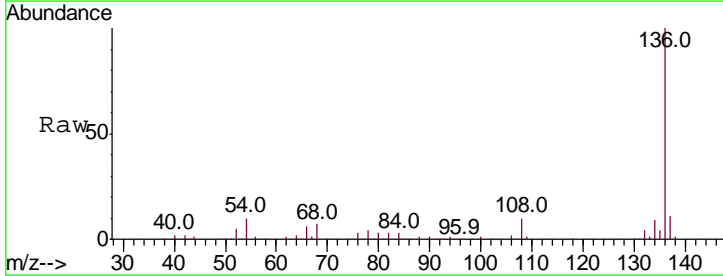
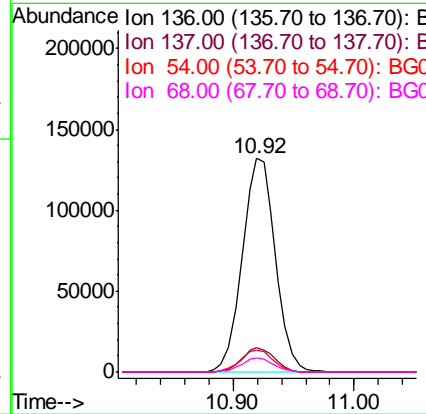
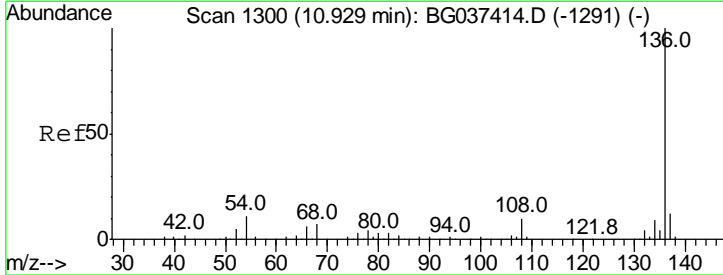
Instrument :
 BNA_G
 ClientSampled :

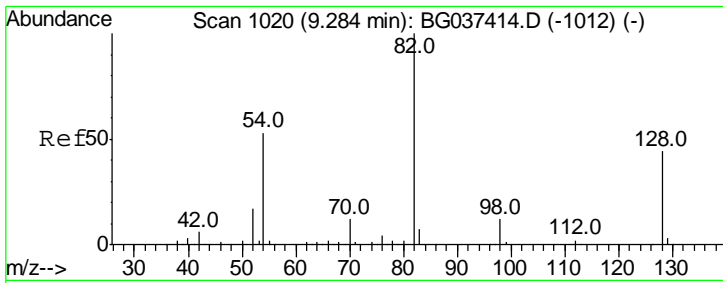
Tgt Ion	Resp	Lower	Upper
70	49831		
42	45.0	53.9	80.9#
101	0.0	8.2	12.2#
130	1.6	18.2	27.4#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.92 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG037685.D
 Acq: 31 Oct 2018 15:39

Tgt Ion	Resp	Lower	Upper
136	250839		
137	11.1	9.6	14.4
54	10.2	7.9	11.9
68	6.7	4.8	7.2

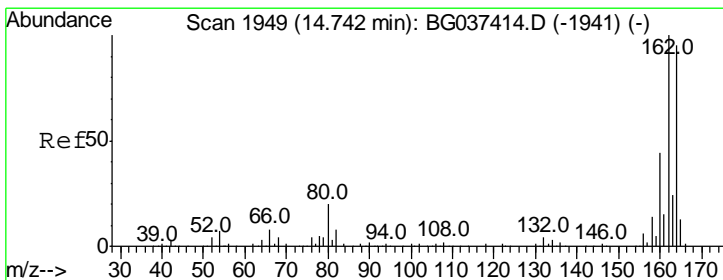
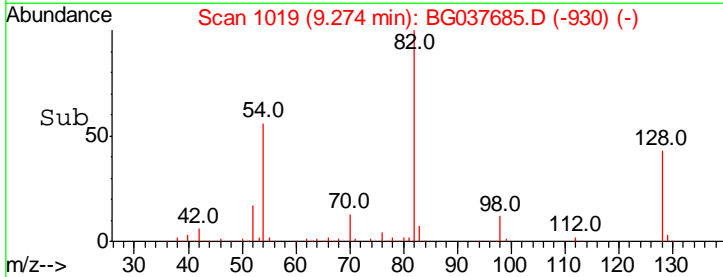
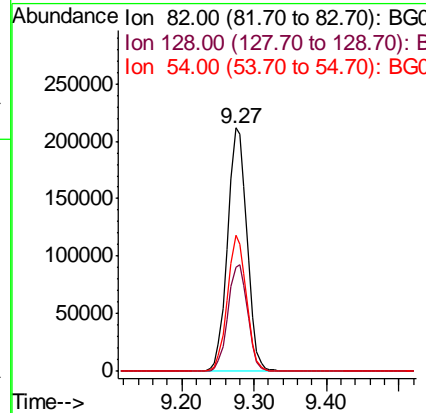
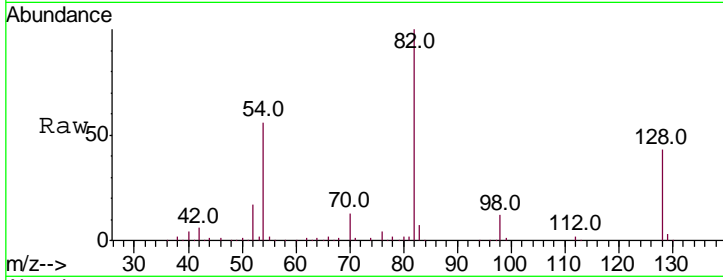




#23
 Nitrobenzene-d5
 Concen: 88.194 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037685.D
 Acq: 31 Oct 2018 15:39

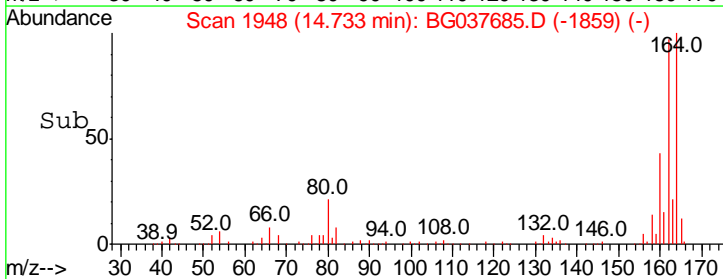
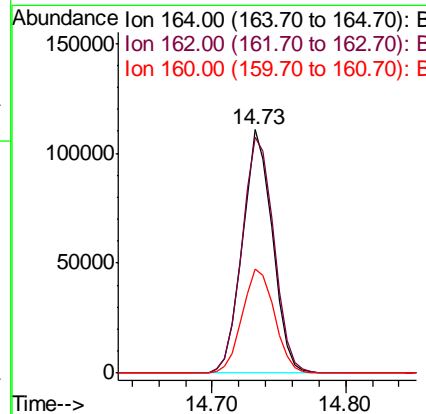
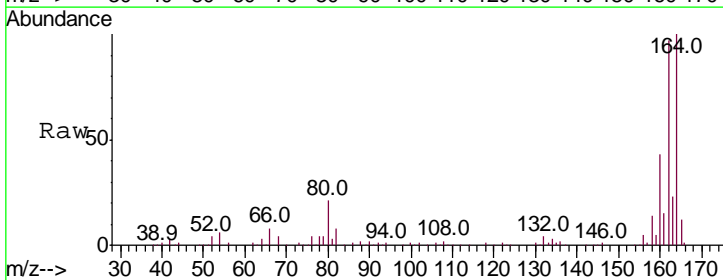
Instrument :
 BNA_G
 ClientSampled :

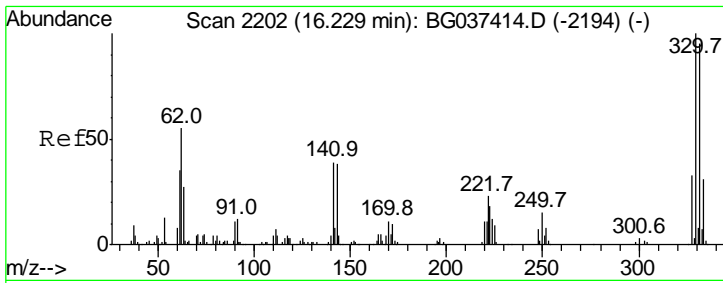
Tgt Ion	Resp	Lower	Upper
82	100		
128	42.9	34.6	51.8
54	56.0	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037685.D
 Acq: 31 Oct 2018 15:39

Tgt Ion	Resp	Lower	Upper
164	100		
162	96.9	81.3	121.9
160	42.8	36.3	54.5

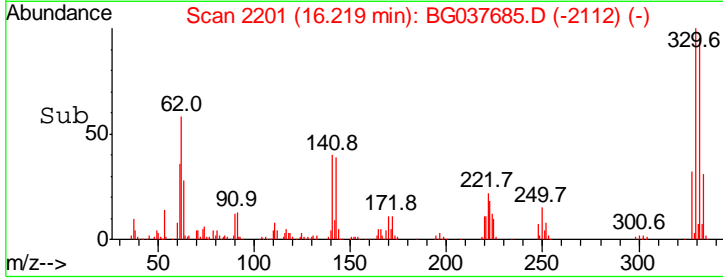
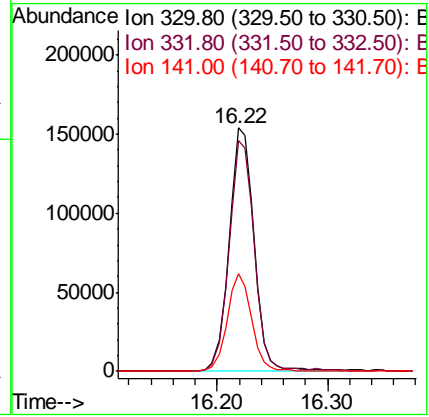
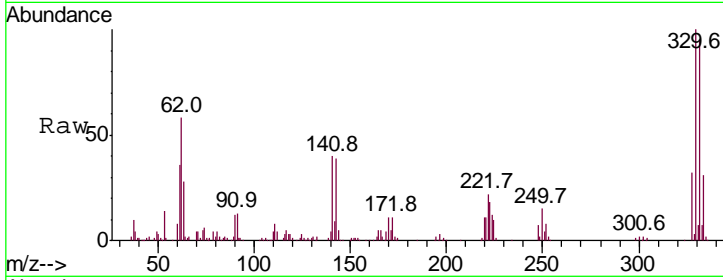




#42
 2,4,6-Tribromophenol
 Concen: 130.094 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037685.D
 Acq: 31 Oct 2018 15:39

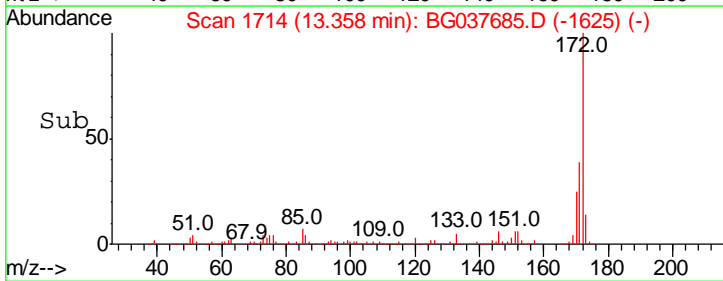
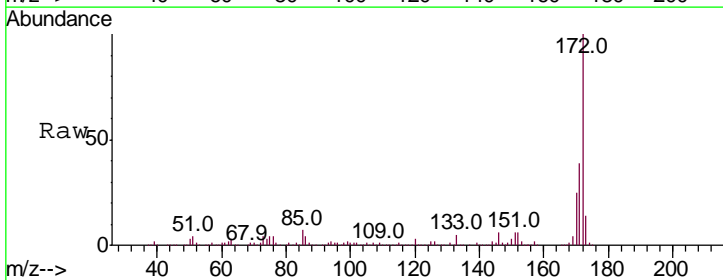
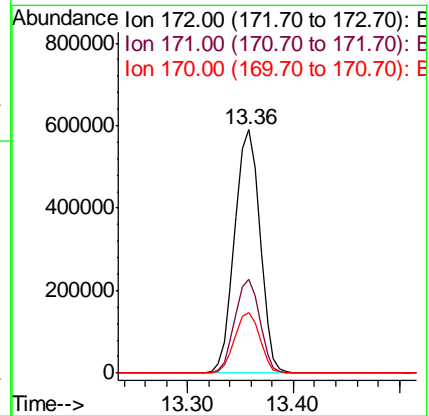
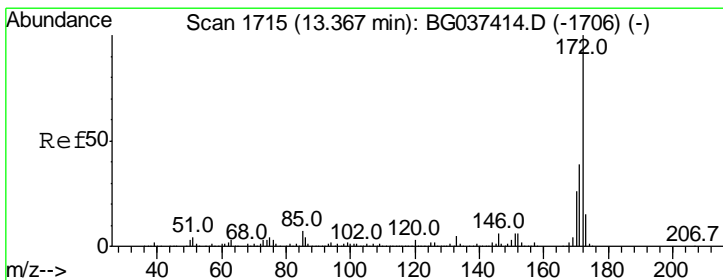
Instrument :
 BNA_G
 ClientSampled :

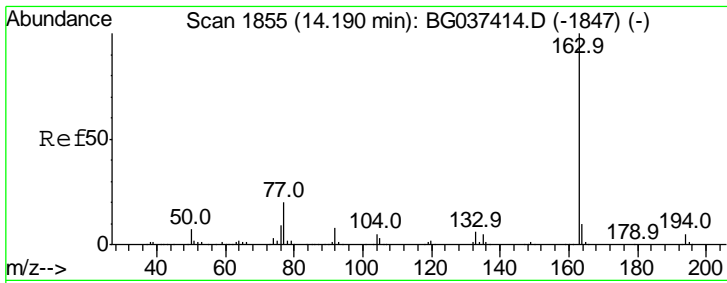
Tgt Ion	Resp	Lower	Upper
330	100		
332	95.8	78.4	117.6
141	39.0	32.2	48.2



#45
 2-Fluorobiphenyl
 Concen: 85.902 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037685.D
 Acq: 31 Oct 2018 15:39

Tgt Ion	Resp	Lower	Upper
172	100		
171	38.6	31.0	46.4
170	25.1	20.2	30.2

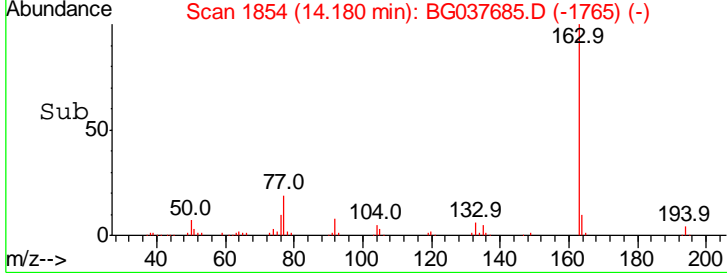
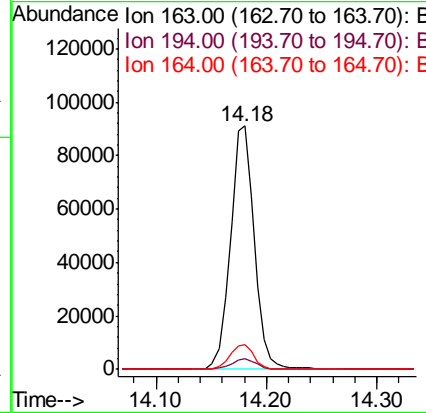
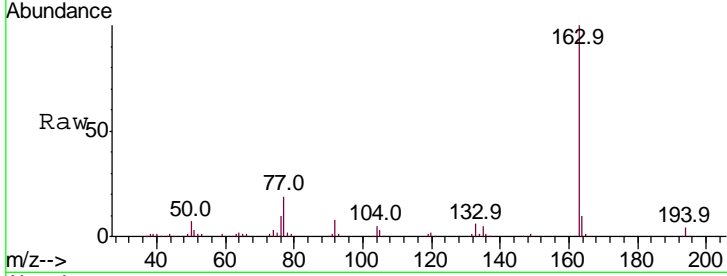




#50
 Dimethylphthalate
 Concen: 10.323 ng
 RT: 14.18 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BG037685.D
 Acq: 31 Oct 2018 15:39

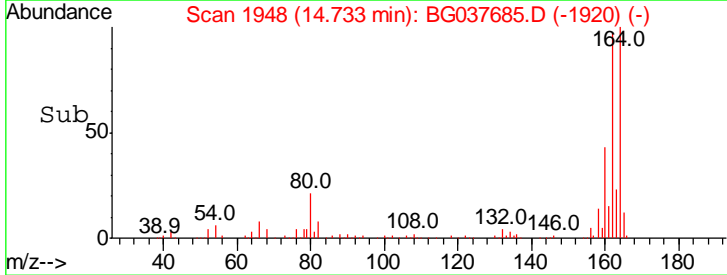
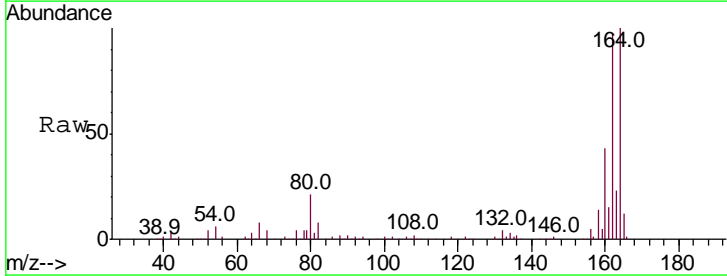
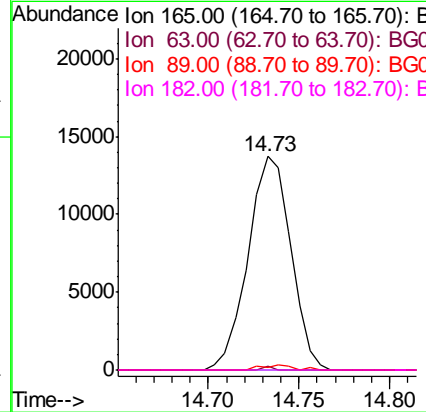
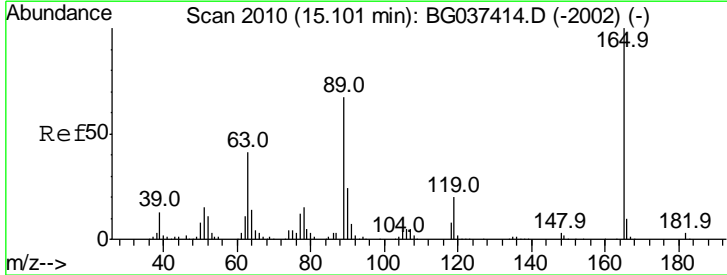
Instrument :
 BNA_G
 ClientSampled :

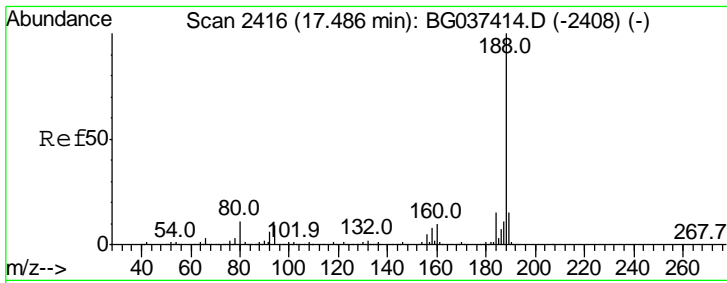
Tgt Ion	Resp	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.3	8.5	12.7



#57
 2,4-Dinitrotoluene
 Concen: 5.812 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037685.D
 Acq: 31 Oct 2018 15:39

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.9	33.4	50.0#
89	1.5	57.2	85.8#
182	0.0	2.6	4.0#

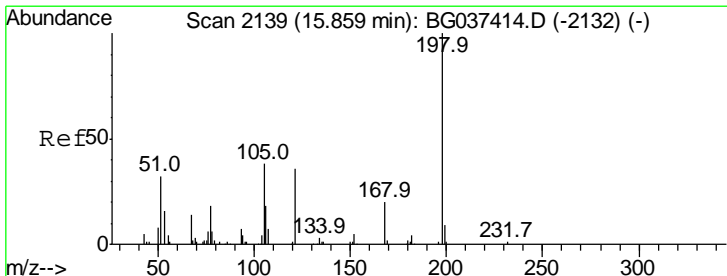
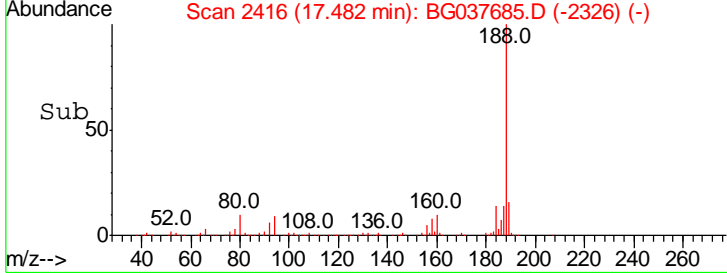
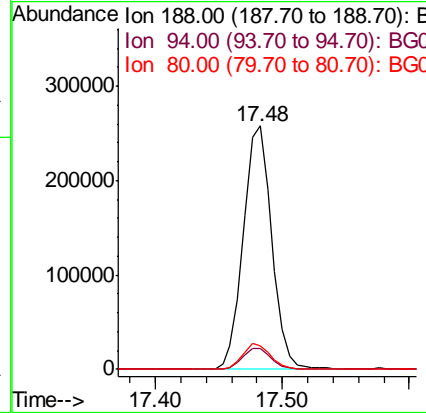
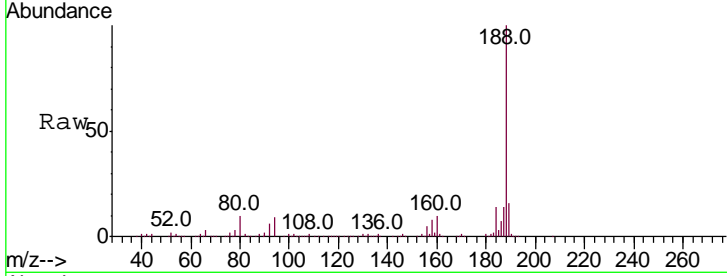




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037685.D
 Acq: 31 Oct 2018 15:39

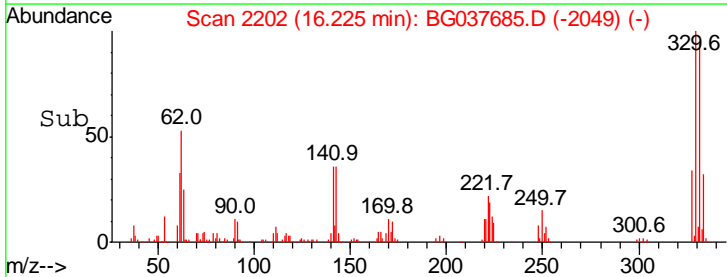
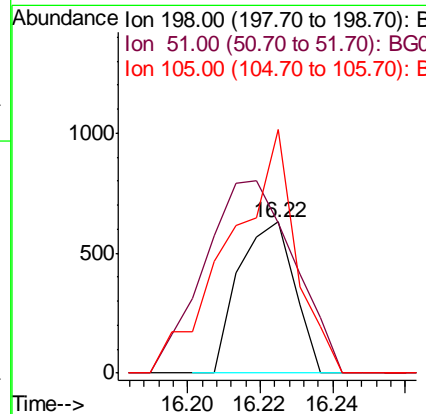
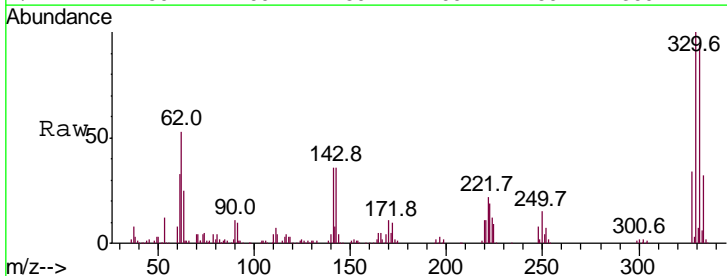
Instrument :
 BNA_G
 ClientSampled :

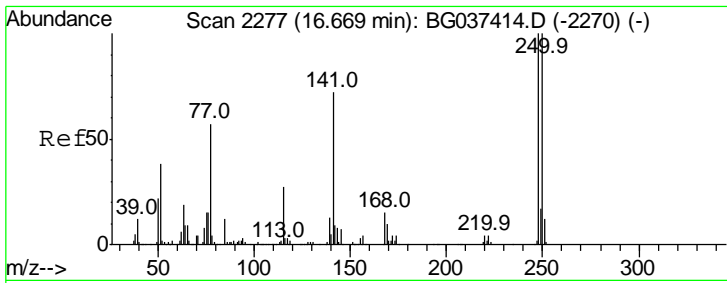
Tgt Ion	Resp	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	9.8	7.7	11.5



#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.770 ng
 RT: 16.22 min Scan# 2202
 Delta R.T. 0.37 min
 Lab File: BG037685.D
 Acq: 31 Oct 2018 15:39

Tgt Ion	Resp	Lower	Upper
198	100		
51	20.1	22.7	62.7#
105	32.4	19.7	59.7

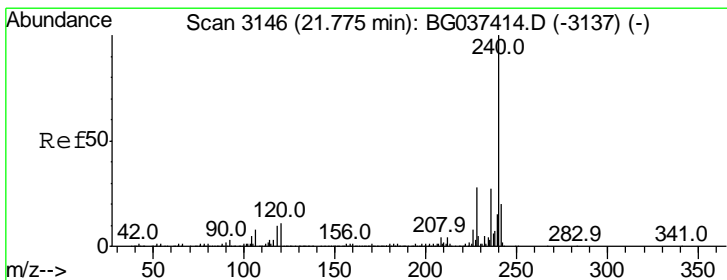
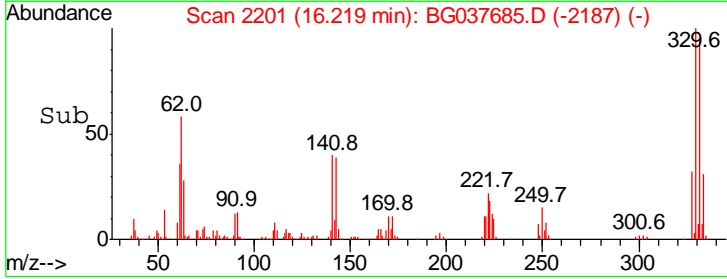
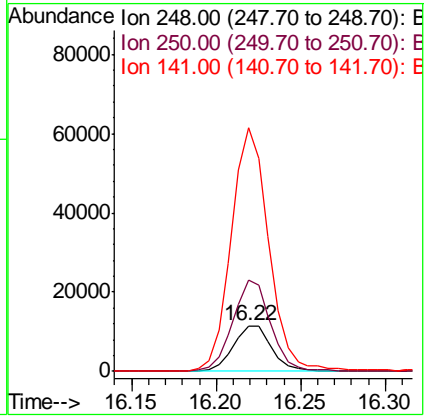
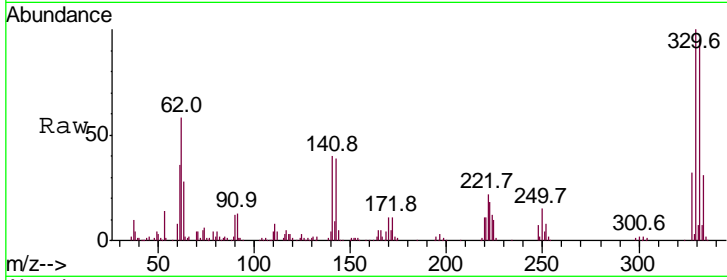




#67
 4-Bromophenyl-phenylether
 Concen: 4.091 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037685.D
 Acq: 31 Oct 2018 15:39

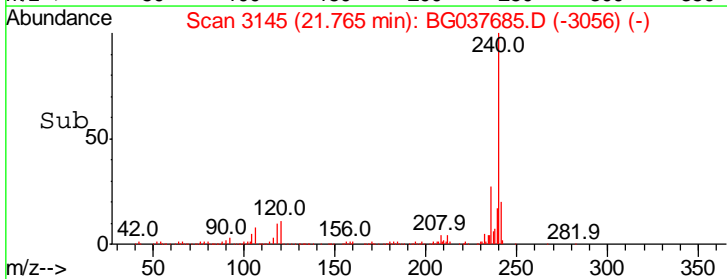
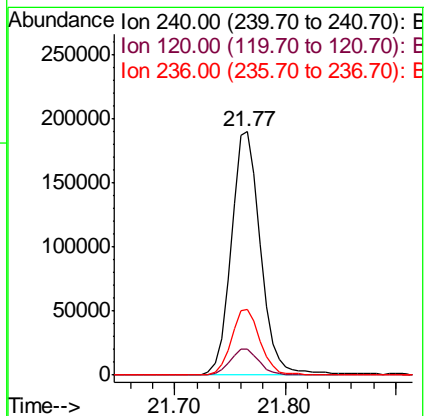
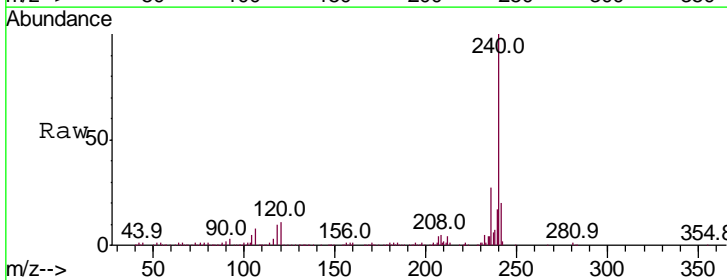
Instrument :
 BNA_G
 ClientSampled :

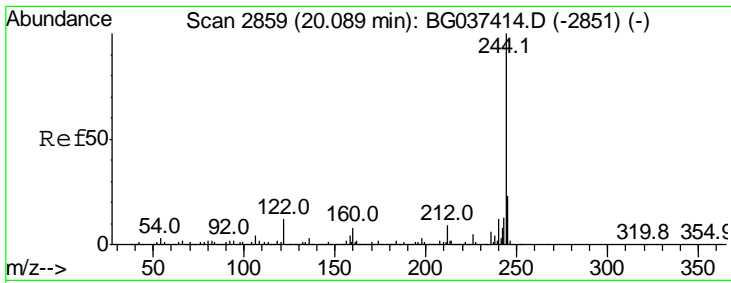
Tgt Ion	Resp	Lower	Upper
248	17984		
248	100		
250	190.9	77.0	115.6#
141	402.3	55.5	83.3#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037685.D
 Acq: 31 Oct 2018 15:39

Tgt Ion	Resp	Lower	Upper
240	353461		
240	100		
120	10.7	8.1	12.1
236	26.8	21.4	32.0



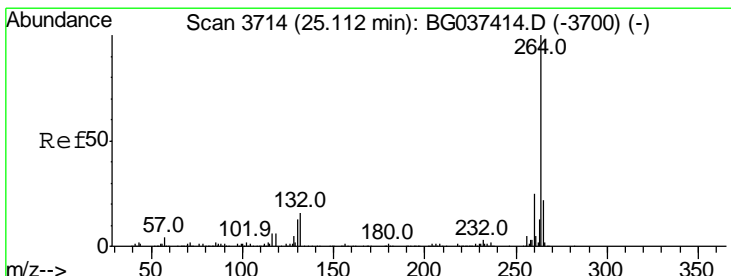
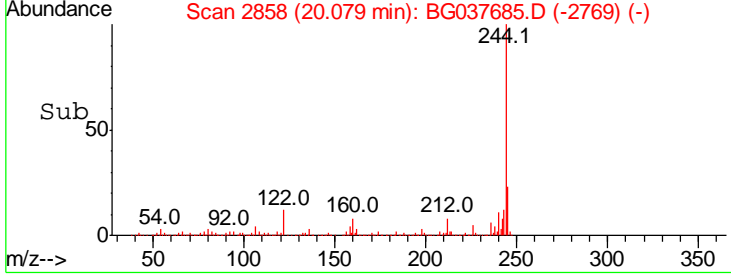
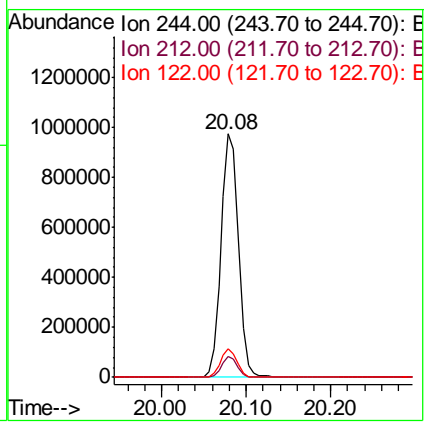
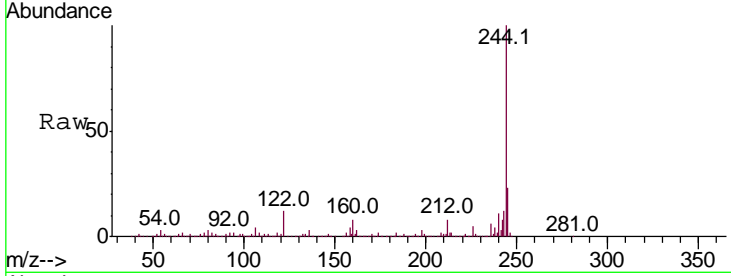


#79
 Terphenyl-d14
 Concen: 84.655 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037685.D
 Acq: 31 Oct 2018 15:39

Instrument :
 BNA_G
 ClientSampled :

Tgt Ion: 244 Resp: 1400355

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	11.6	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.10 min Scan# 3712
 Delta R.T. -0.02 min
 Lab File: BG037685.D
 Acq: 31 Oct 2018 15:39

Tgt Ion: 264 Resp: 331736

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	22.4	17.9	26.9

