

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042619\
 Data File : BG040653.D
 Acq On : 27 Apr 2019 7:19
 Operator : JU/SJ
 Sample : K2570-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 29 01:05:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	36535	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	149276	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	117329	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	299231	20.00	ng	0.00
76) Chrysene-d12	21.81	240	295720	20.00	ng	-0.01
87) Perylene-d12	25.19	264	316271	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	179469	86.59	ng	0.00
7) Phenol-d6	7.29	99	372476	116.72	ng	0.00
23) Nitrobenzene-d5	9.33	82	302066	93.50	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	99869	61.93	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	709319	87.31	ng	0.00
79) Terphenyl-d14	20.13	244	1367271	102.43	ng	0.00

Target Compounds

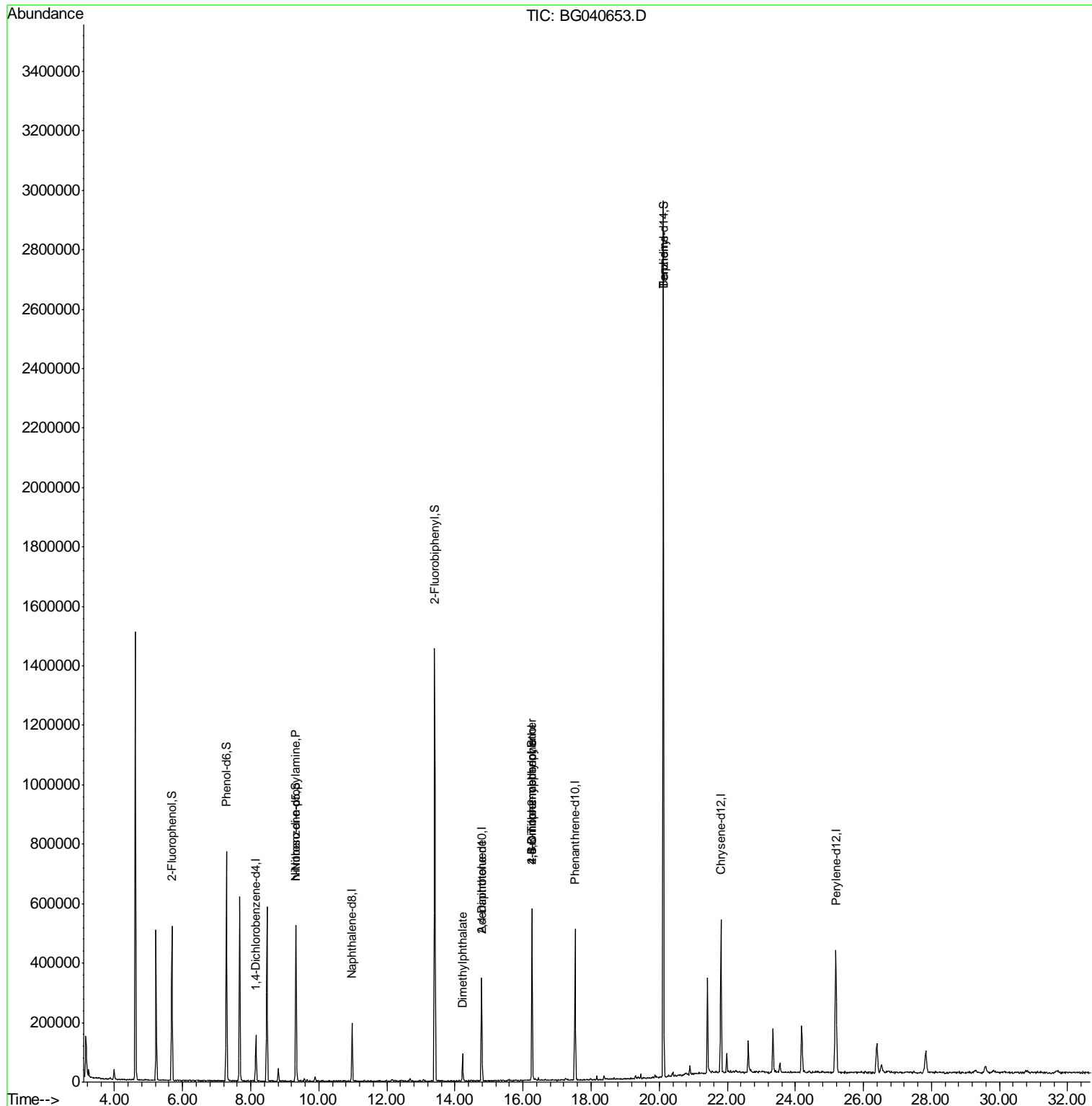
					Qvalue	
9) Benzaldehyde	7.28	77	1031	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.33	70	46068	16.037 ng	#	73
50) Dimethylphthalate	14.23	163	55363	5.640 ng		96
57) 2,4-Dinitrotoluene	14.78	165	14844	5.702 ng	#	14
65) 4,6-Dinitro-2-methylphenol	16.27	198	382	7.322 ng	#	44
67) 4-Bromophenyl-phenylether	16.26	248	7577	2.032 ng	#	1
77) Benzidine	20.13	184	27216	3.361 ng	#	92

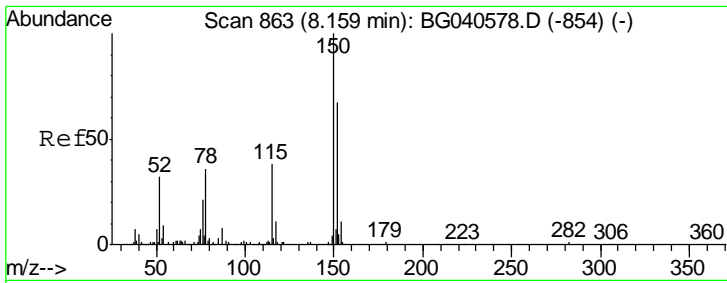
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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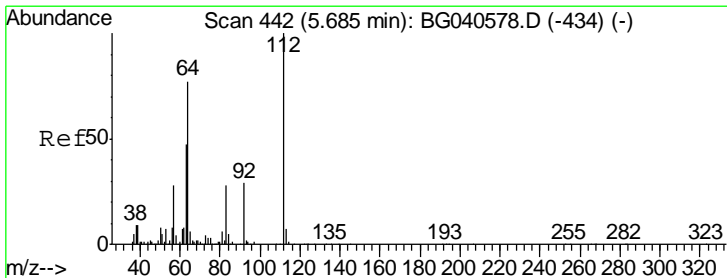
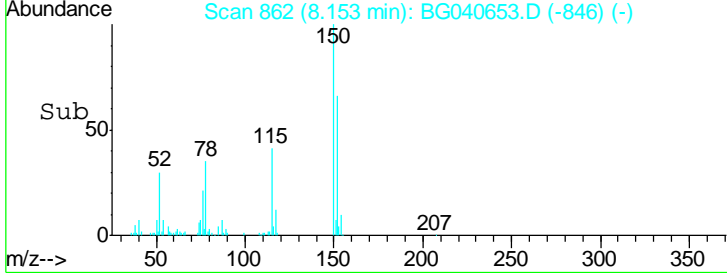
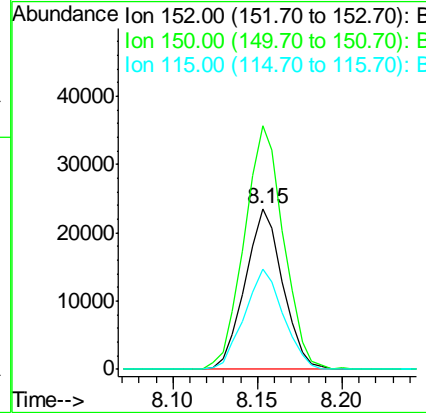
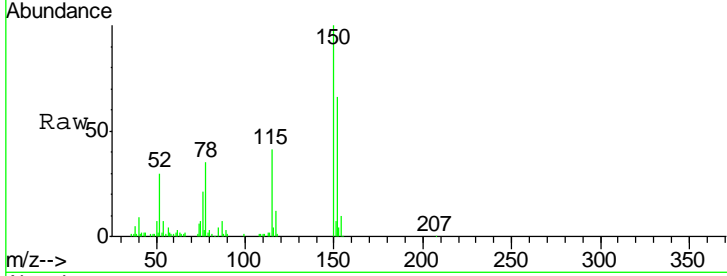




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.15 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BG040653.D
 Acq: 27 Apr 2019 7:19

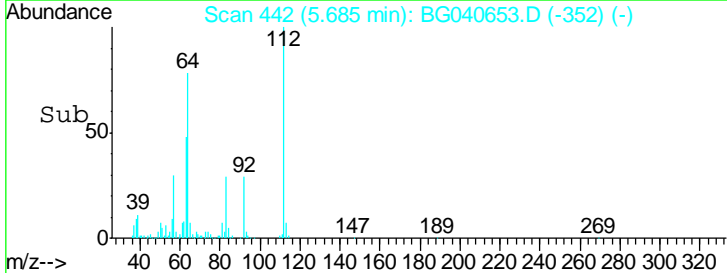
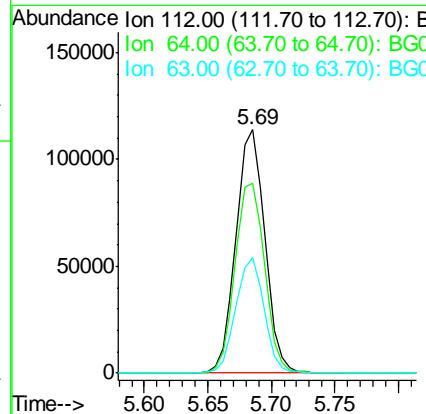
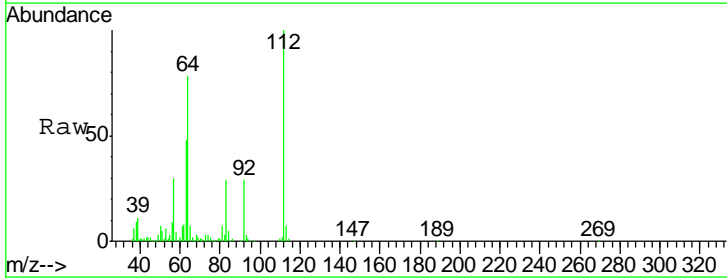
Instrument :
 BNA_G
 ClientSampled :

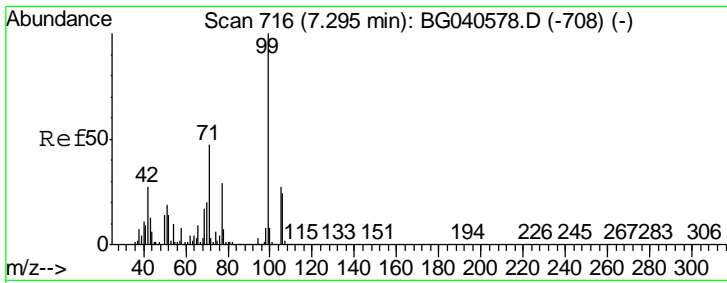
Tgt Ion	Resp	Lower	Upper
152	36535		
150	151.8	120.2	180.2
115	62.4	46.2	69.2



#5
 2-Fluorophenol
 Concen: 86.591 ng
 RT: 5.69 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: BG040653.D
 Acq: 27 Apr 2019 7:19

Tgt Ion	Resp	Lower	Upper
112	179469		
64	77.7	61.4	92.0
63	47.5	37.8	56.6

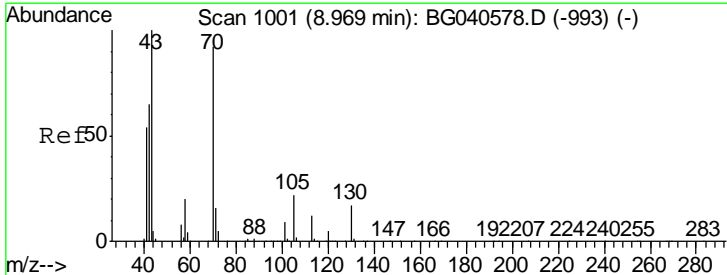
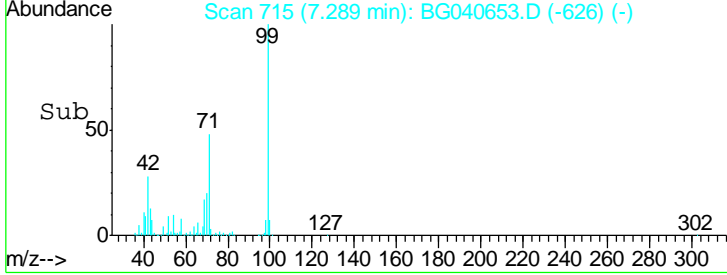
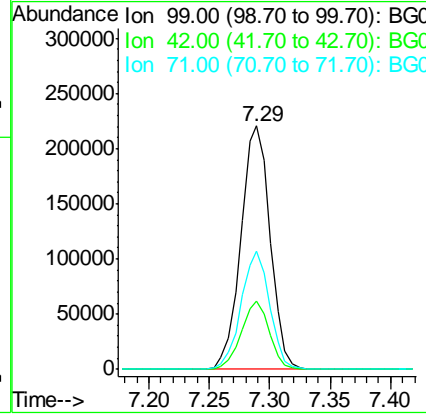
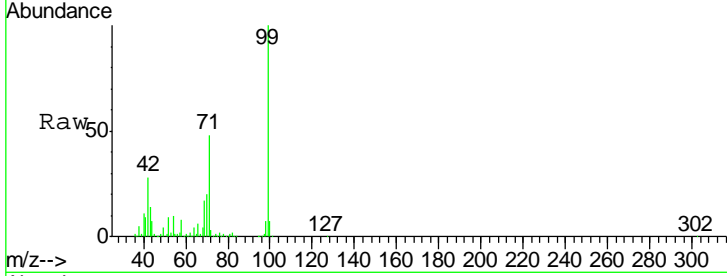




#7
 Phenol-d6
 Concen: 116.719 ng
 RT: 7.29 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BG040653.D
 Acq: 27 Apr 2019 7:19

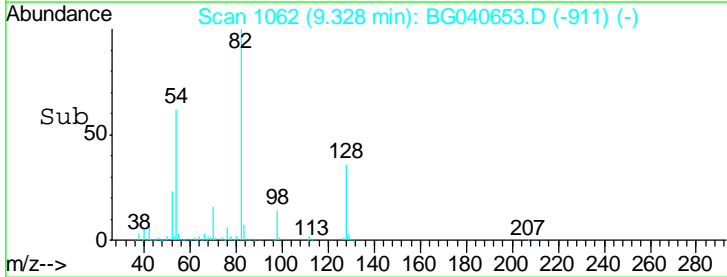
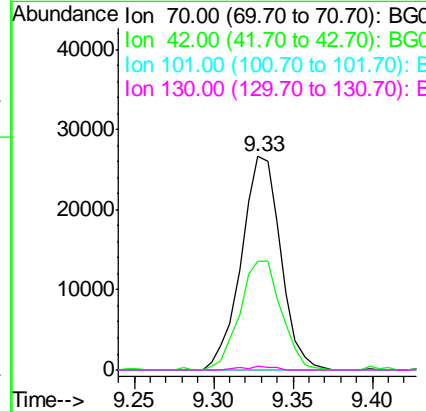
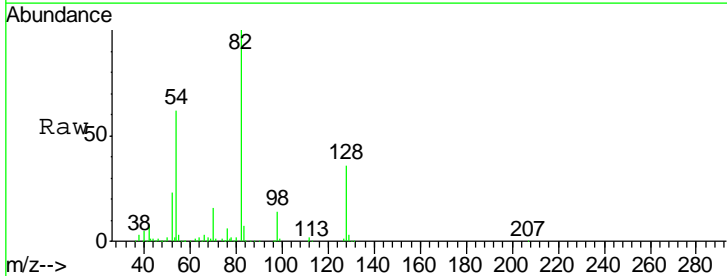
Instrument :
 BNA_G
 ClientSampled :

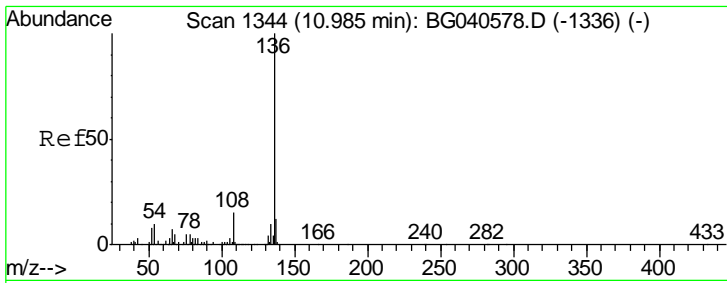
Tgt Ion	Resp	Lower	Upper
99	100		
42	28.1	21.8	32.8
71	48.5	38.6	57.8



#19
 n-Nitroso-di-n-propylamine
 Concen: 16.037 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. 0.36 min
 Lab File: BG040653.D
 Acq: 27 Apr 2019 7:19

Tgt Ion	Resp	Lower	Upper
70	100		
42	50.7	57.1	85.7#
101	0.0	7.8	11.8#
130	1.7	14.6	21.8#

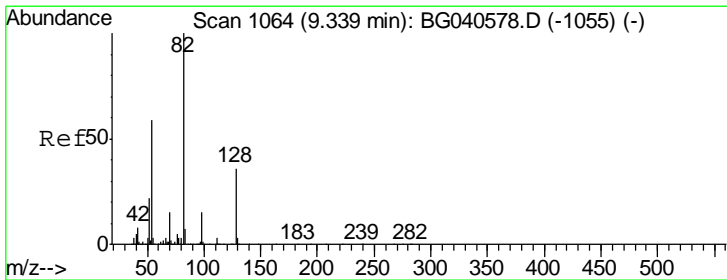
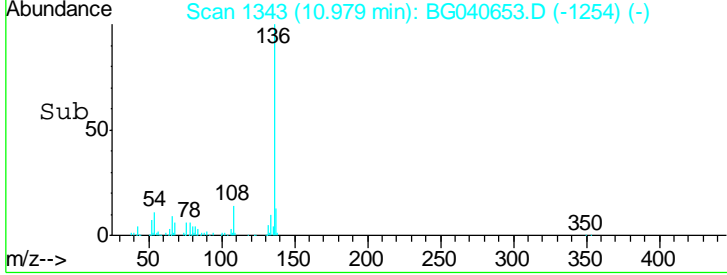
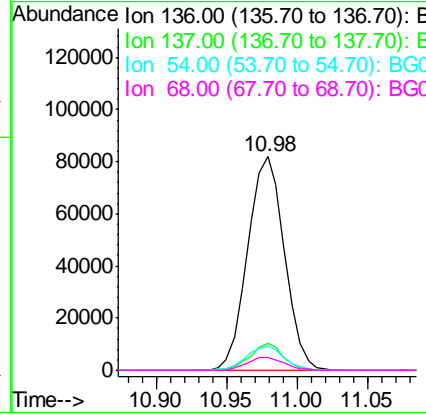
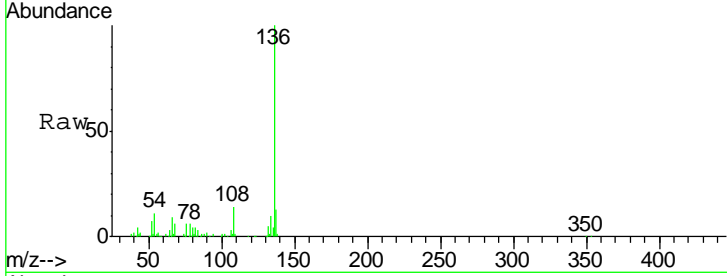




#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.98 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BG040653.D
 Acq: 27 Apr 2019 7:19

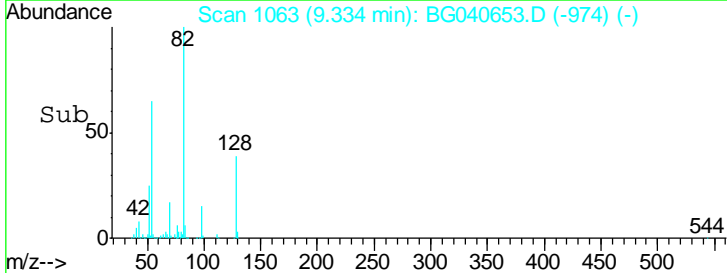
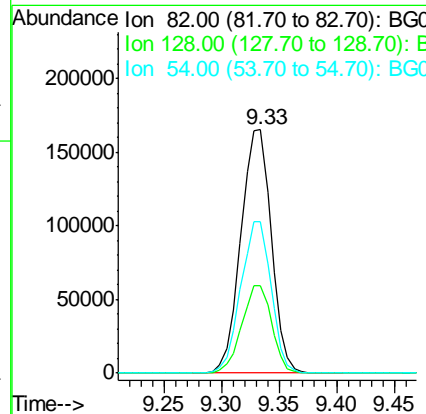
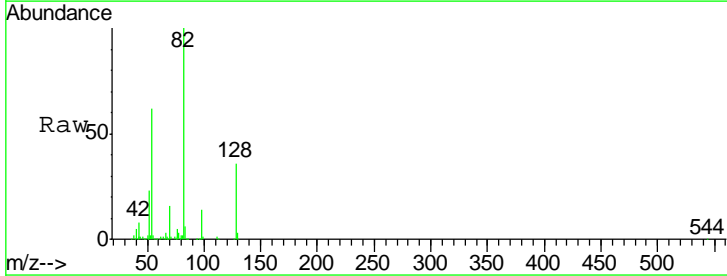
Instrument :
 BNA_G
 ClientSampled :

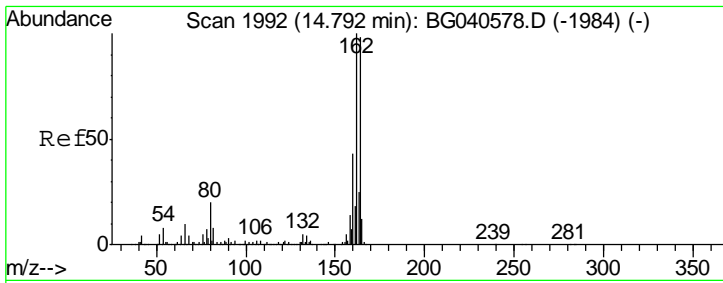
Tgt Ion	Resp	Lower	Upper
136	149276		
137	12.7	9.7	14.5
54	11.1	8.6	12.8
68	6.3	4.8	7.2



#23
 Nitrobenzene-d5
 Concen: 93.500 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG040653.D
 Acq: 27 Apr 2019 7:19

Tgt Ion	Resp	Lower	Upper
82	302066		
128	35.8	28.9	43.3
54	62.0	47.2	70.8

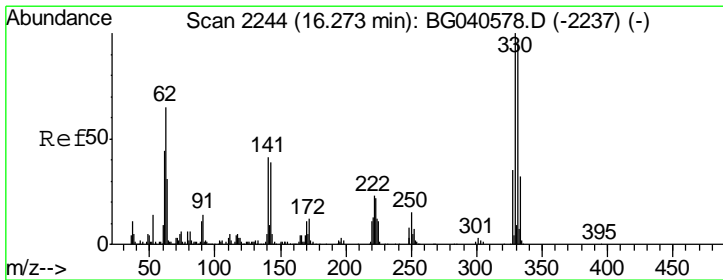
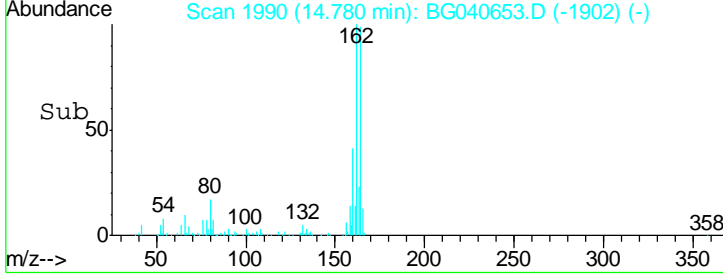
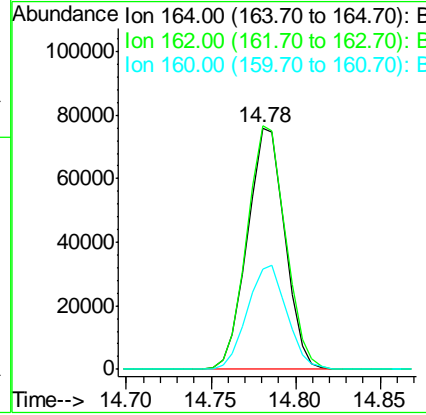
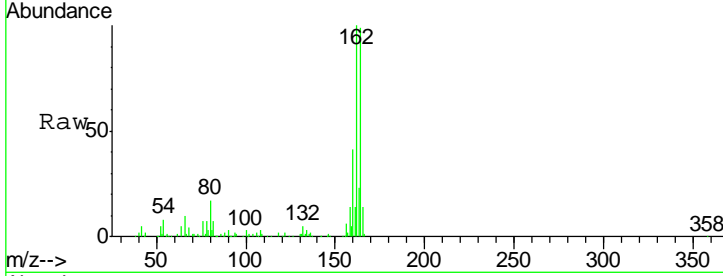




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BG040653.D
 Acq: 27 Apr 2019 7:19

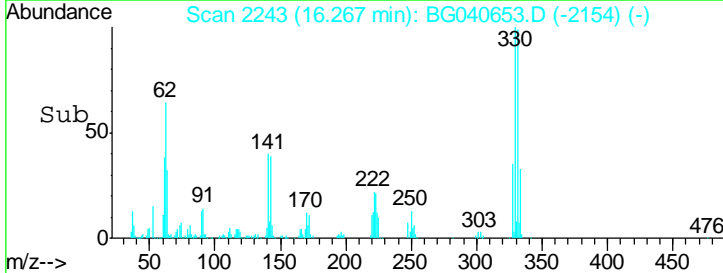
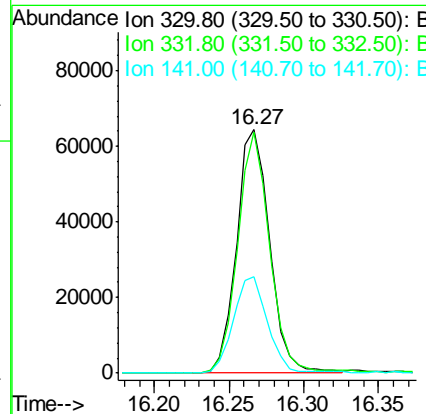
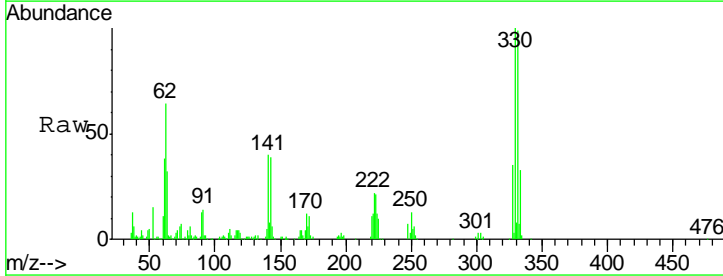
Instrument :
 BNA_G
 ClientSampled :

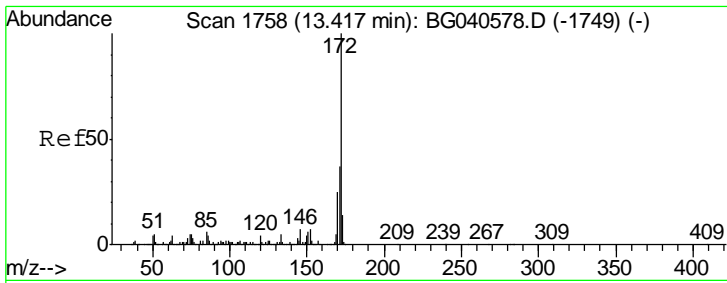
Tgt Ion	Resp	Lower	Upper
164	100		
162	100.8	81.9	122.9
160	41.5	35.4	53.2



#42
 2,4,6-Tribromophenol
 Concen: 61.926 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BG040653.D
 Acq: 27 Apr 2019 7:19

Tgt Ion	Resp	Lower	Upper
330	100		
332	95.4	75.9	113.9
141	41.0	32.4	48.6

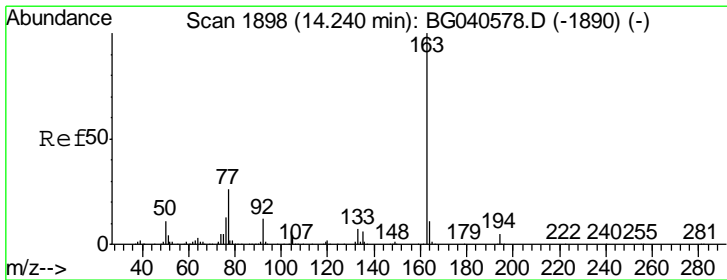
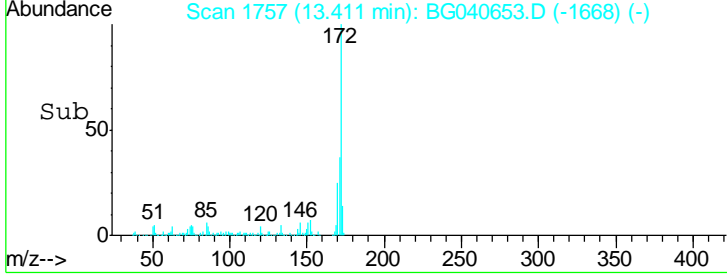
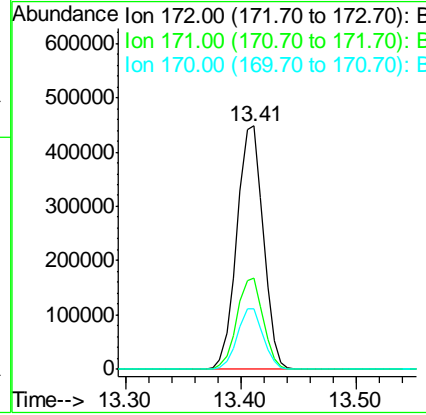
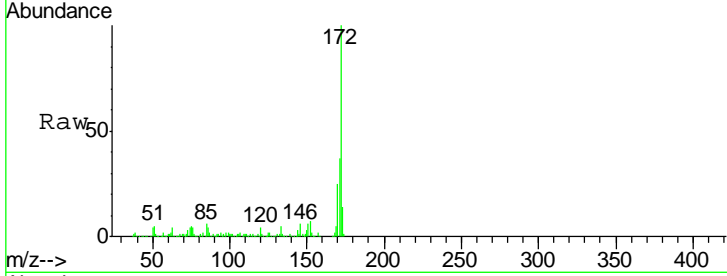




#45
 2-Fluorobiphenyl
 Concen: 87.310 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG040653.D
 Acq: 27 Apr 2019 7:19

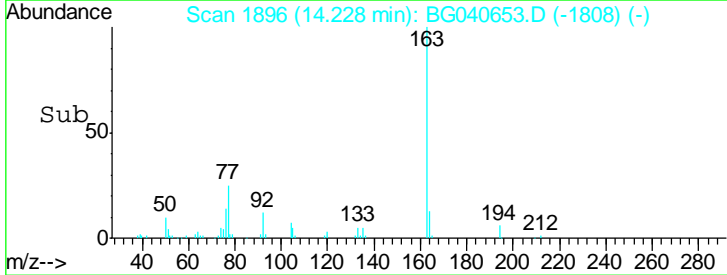
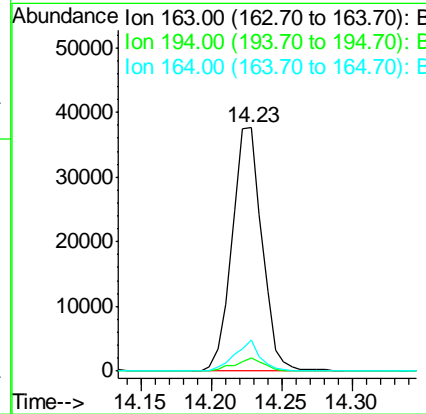
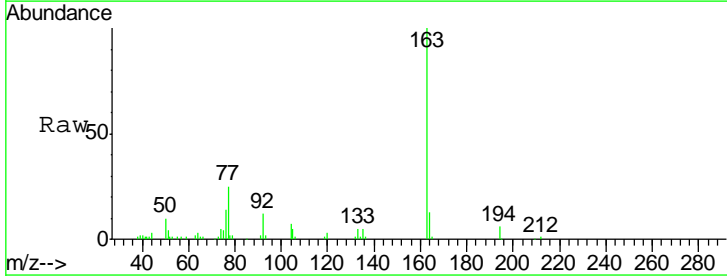
Instrument :
 BNA_G
 ClientSampled :

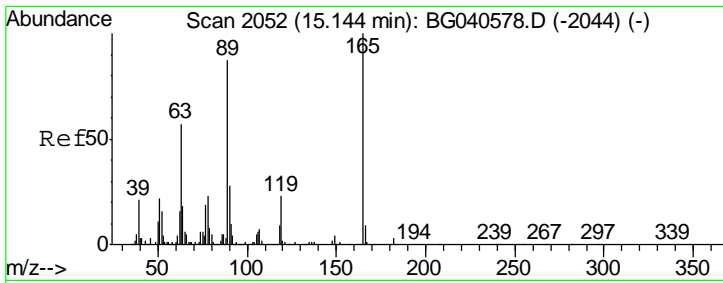
Tgt Ion	Resp	Lower	Upper
172	100		
171	37.5	29.4	44.2
170	24.9	19.9	29.9



#50
 Dimethylphthalate
 Concen: 5.640 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG040653.D
 Acq: 27 Apr 2019 7:19

Tgt Ion	Resp	Lower	Upper
163	100		
194	5.5	3.8	5.8
164	12.7	8.8	13.2

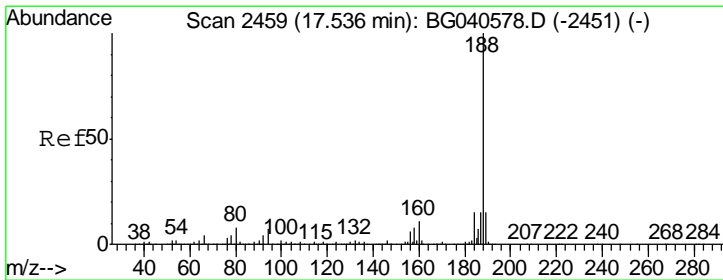
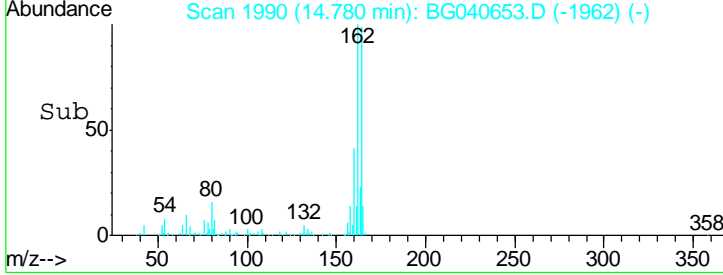
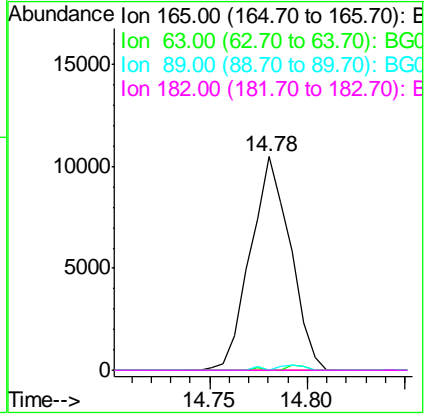
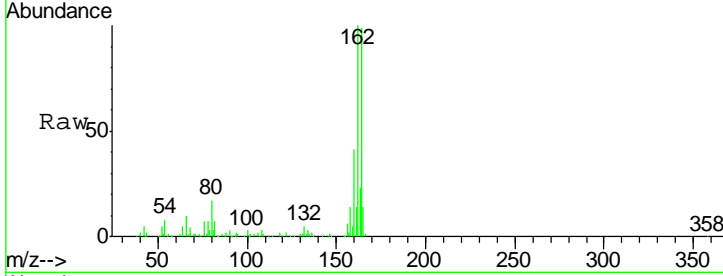




#57
 2,4-Dinitrotoluene
 Concen: 5.702 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.36 min
 Lab File: BG040653.D
 Acq: 27 Apr 2019 7:19

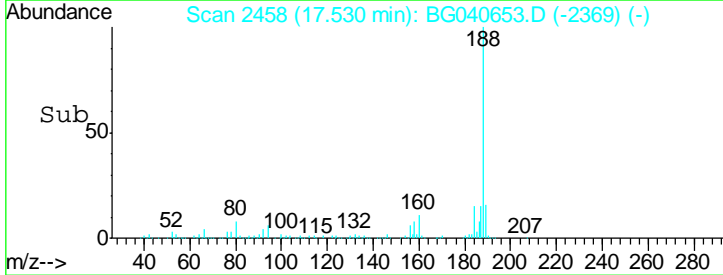
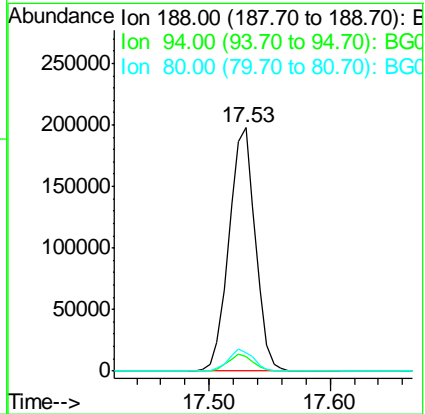
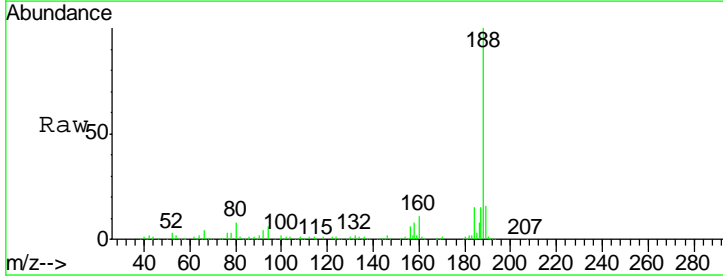
Instrument :
 BNA_G
 ClientSampled :

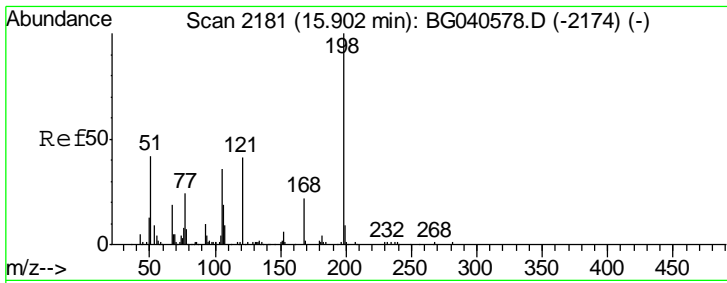
Tgt Ion	Resp	Lower	Upper
165	14844		
63	0.0	45.8	68.8#
89	0.0	69.4	104.2#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.53 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BG040653.D
 Acq: 27 Apr 2019 7:19

Tgt Ion	Resp	Lower	Upper
188	299231		
94	6.1	5.6	8.4
80	7.6	6.4	9.6

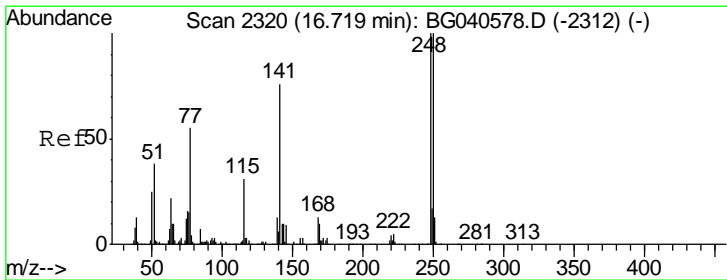
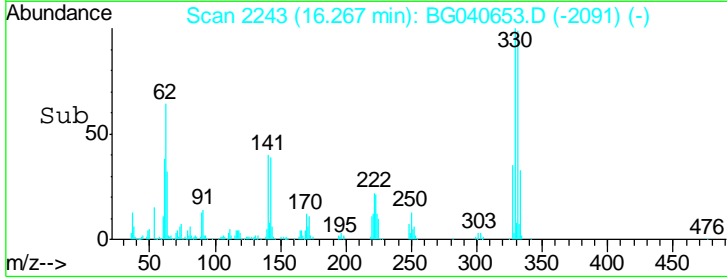
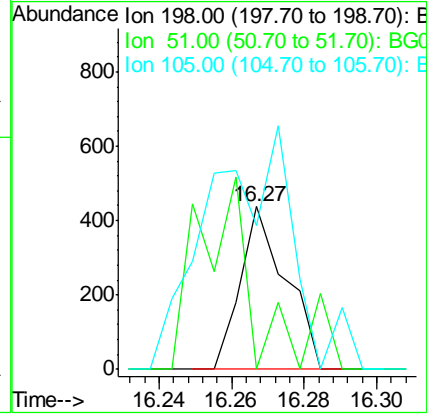
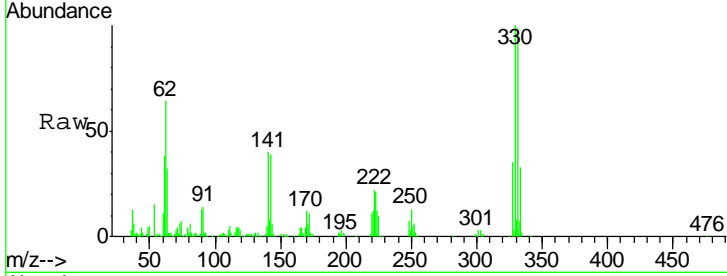




#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.322 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. 0.36 min
 Lab File: BG040653.D
 Acq: 27 Apr 2019 7:19

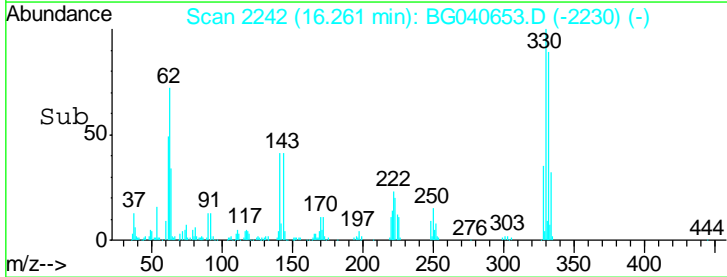
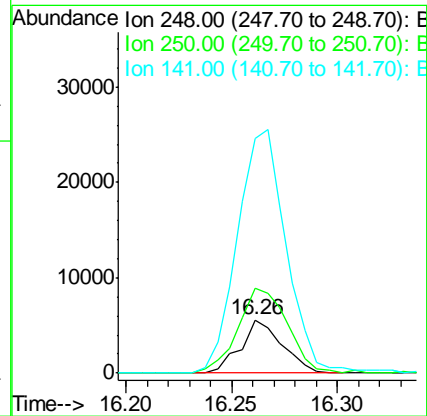
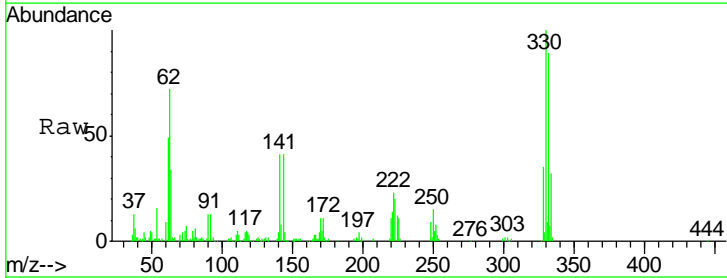
Instrument :
 BNA_G
 ClientSampled :

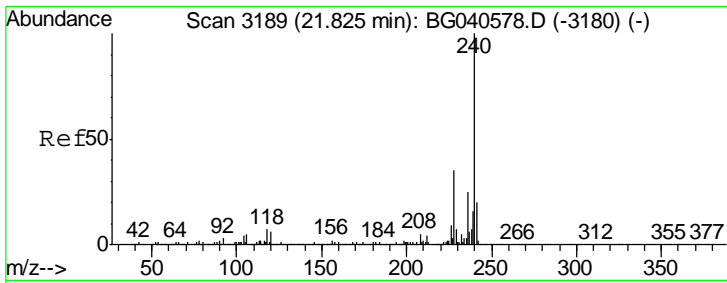
Tgt Ion	Resp	Lower	Upper
198	100		
51	0.0	35.9	75.9#
105	23.2	21.2	61.2



#67
 4-Bromophenyl-phenylether
 Concen: 2.032 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.46 min
 Lab File: BG040653.D
 Acq: 27 Apr 2019 7:19

Tgt Ion	Resp	Lower	Upper
248	100		
250	216.4	79.8	119.6#
141	441.2	60.8	91.2#

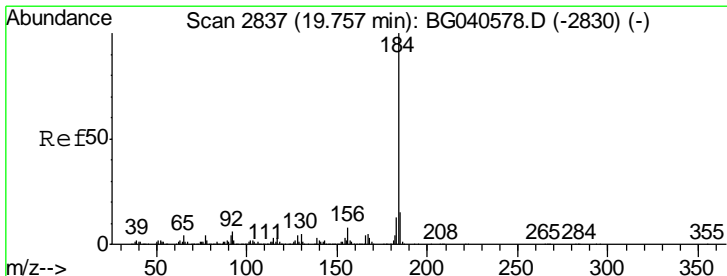
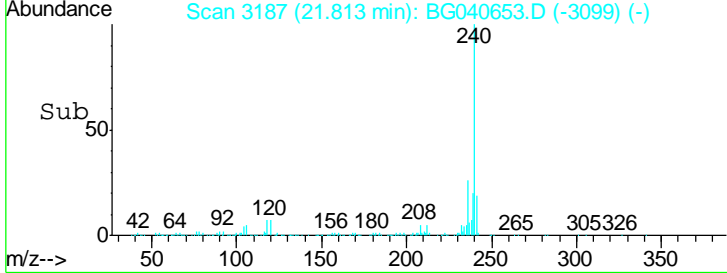
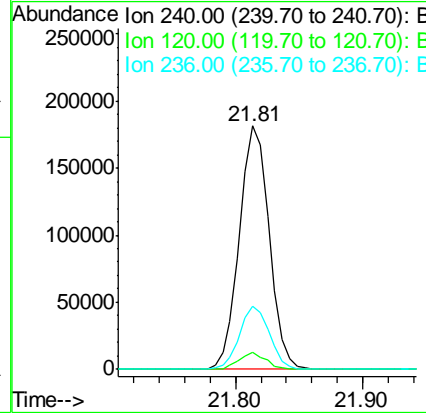
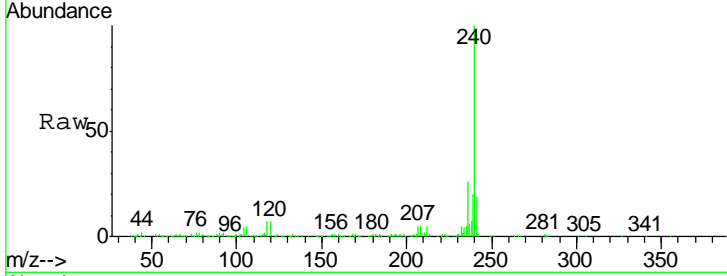




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.81 min Scan# 3187
 Delta R.T. -0.01 min
 Lab File: BG040653.D
 Acq: 27 Apr 2019 7:19

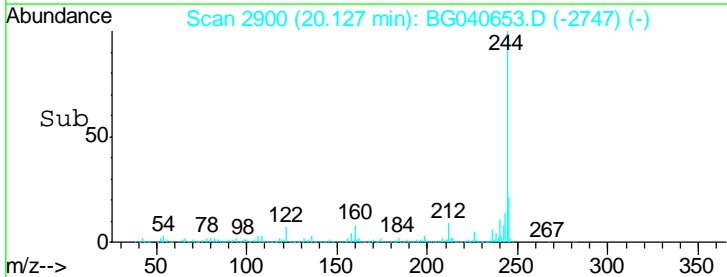
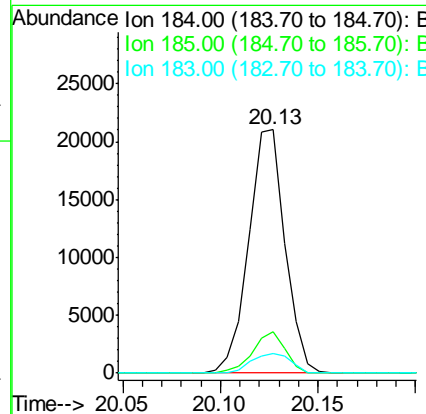
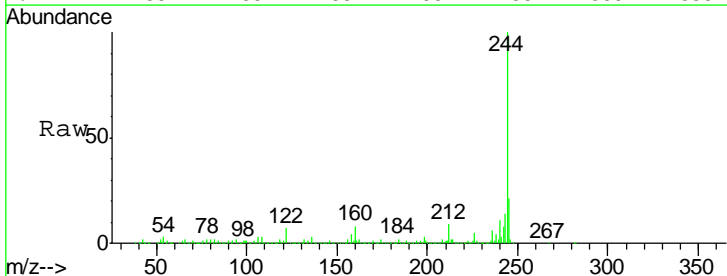
Instrument :
 BNA_G
 ClientSampled :

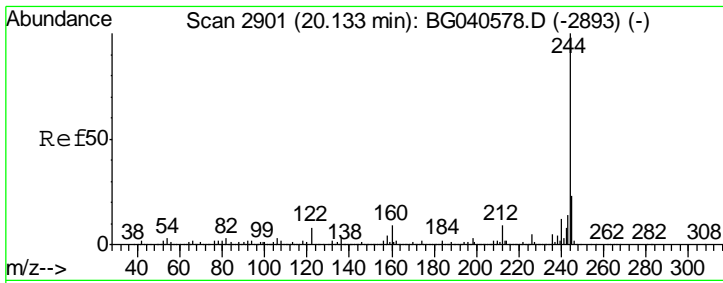
Tgt Ion	Resp	Lower	Upper
240	100		
120	7.1	5.0	7.6
236	25.8	20.3	30.5



#77
 Benzidine
 Concen: 3.361 ng
 RT: 20.13 min Scan# 2900
 Delta R.T. 0.37 min
 Lab File: BG040653.D
 Acq: 27 Apr 2019 7:19

Tgt Ion	Resp	Lower	Upper
184	100		
185	16.9	11.8	17.8
183	7.9	10.2	15.2#



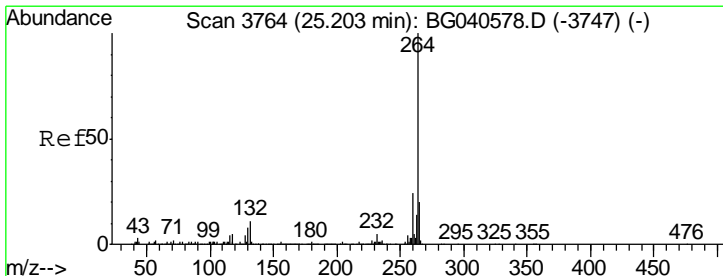
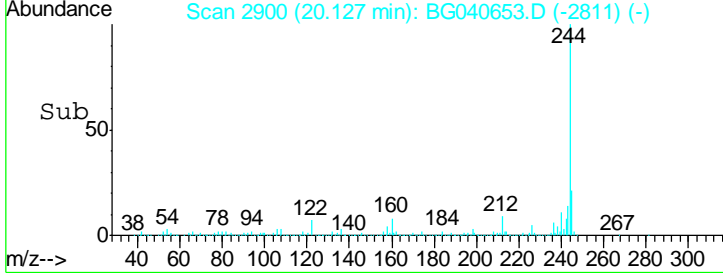
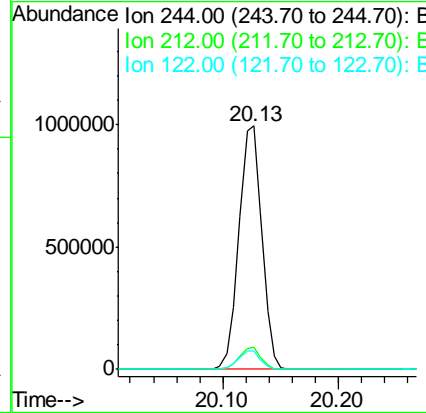
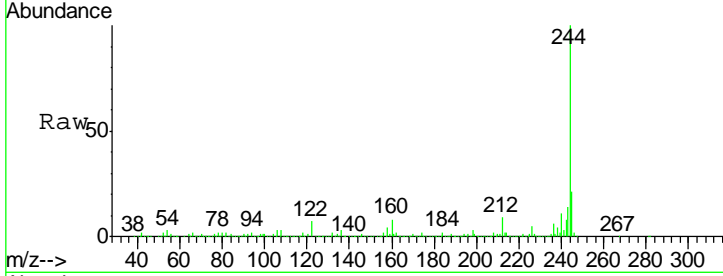


#79
 Terphenyl-d14
 Concen: 102.431 ng
 RT: 20.13 min Scan# 2900
 Delta R.T. -0.01 min
 Lab File: BG040653.D
 Acq: 27 Apr 2019 7:19

Instrument :
 BNA_G
 ClientSampled :

Tgt Ion: 244 Resp: 1367271

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.2	10.8
122	7.4	6.6	10.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.19 min Scan# 3761
 Delta R.T. -0.02 min
 Lab File: BG040653.D
 Acq: 27 Apr 2019 7:19

Tgt Ion: 264 Resp: 316271

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.7	16.6	25.0

