

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034959.D
 Acq On : 7 Jun 2018 19:23
 Operator : SJ/JU
 Sample : J3241-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 08 04:32:47 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 07 13:13:20 2018
 Response via : Initial Calibration

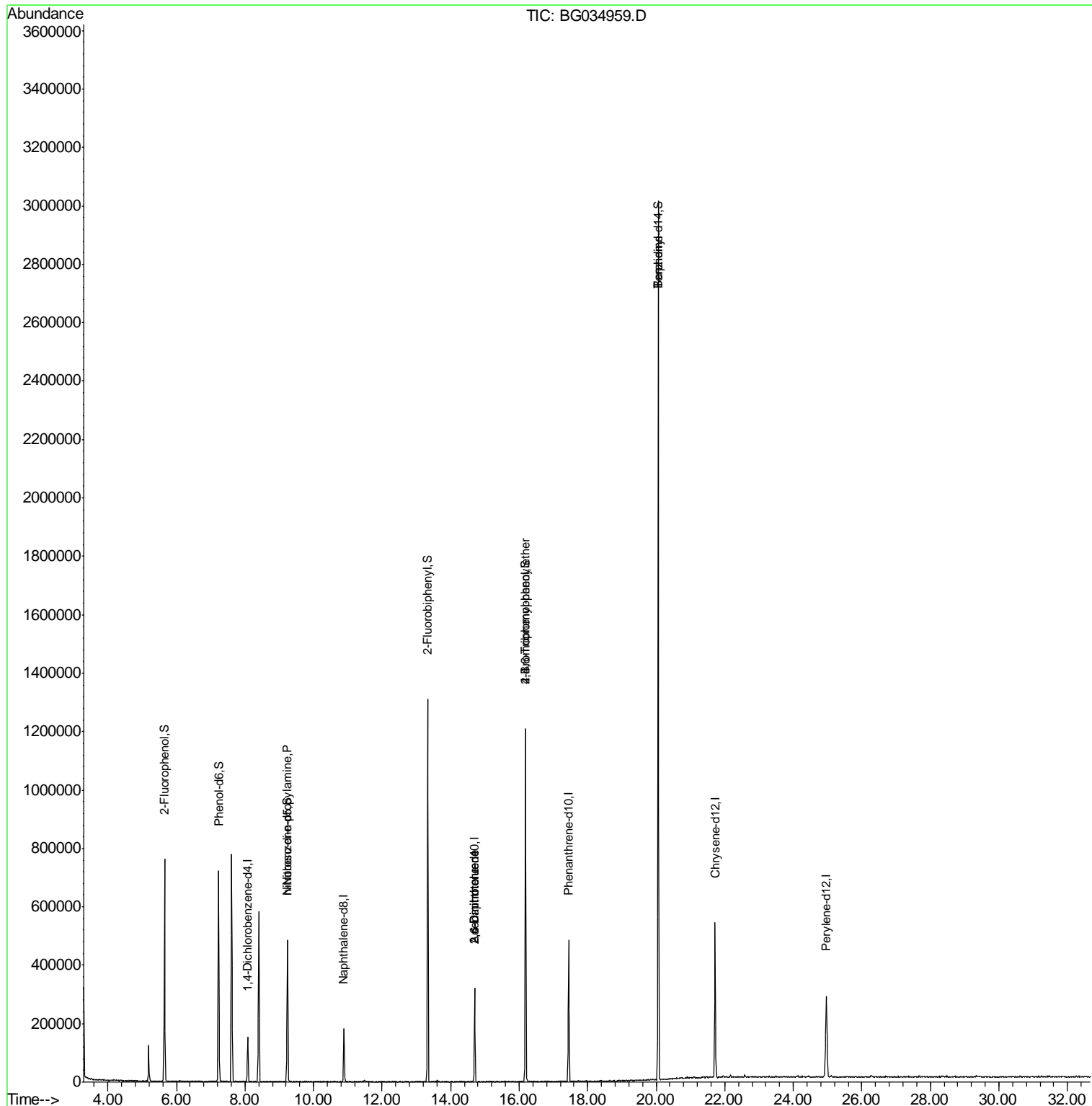
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	41272	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	149176	20.00	ng	-0.01
38) Acenaphthene-d10	14.70	164	106973	20.00	ng	0.00
63) Phenanthrene-d10	17.45	188	295487	20.00	ng	0.00
75) Chrysene-d12	21.72	240	325710	20.00	ng	-0.01
86) Perylene-d12	24.96	264	315142	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	302147	123.55	ng	0.00
7) Phenol-d6	7.23	99	408406	113.15	ng	0.00
23) Nitrobenzene-d5	9.24	82	313406	99.87	ng	-0.01
41) 2,4,6-Tribromophenol	16.19	330	214143	156.38	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	683211	83.03	ng	0.00
78) Terphenyl-d14	20.06	244	1416223	91.08	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.24	70	44676	14.57	ng	# 72
50) 2,6-Dinitrotoluene	14.70	165	14971	8.80	ng	# 18
56) 2,4-Dinitrotoluene	14.70	165	14971	6.62	ng	# 16
66) 4-Bromophenyl-phenylether	16.19	248	16959	4.77	ng	# 1
76) Benzidine	20.06	184	25064	2.07	ng	# 91

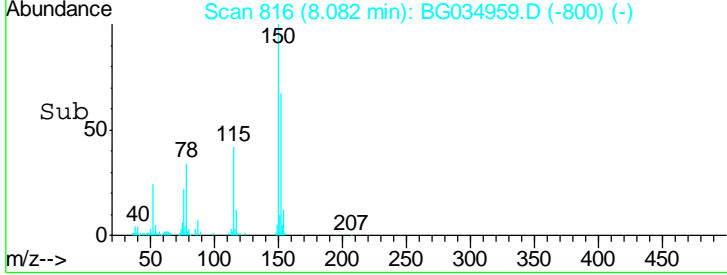
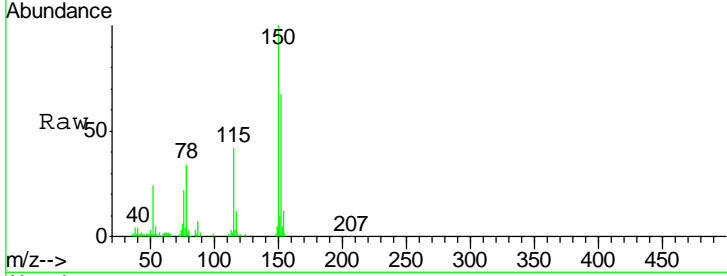
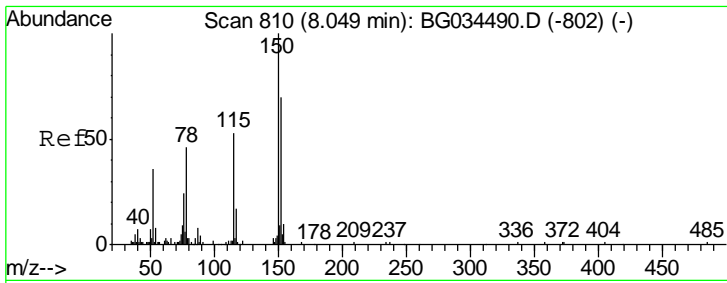
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034959.D
 Acq On : 7 Jun 2018 19:23
 Operator : SJ/JU
 Sample : J3241-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :

Quant Time: Jun 08 04:32:47 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 07 13:13:20 2018
 Response via : Initial Calibration

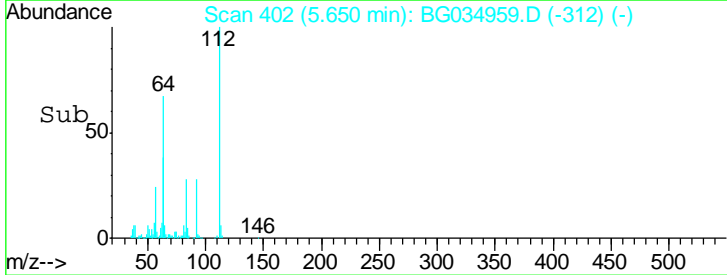
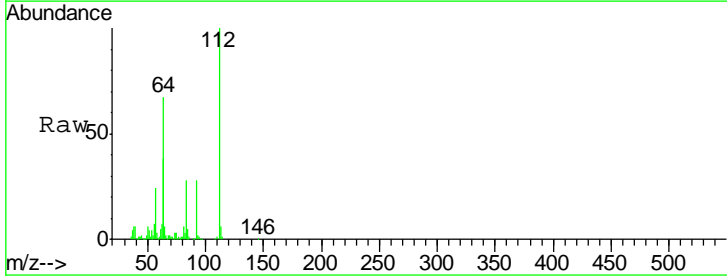
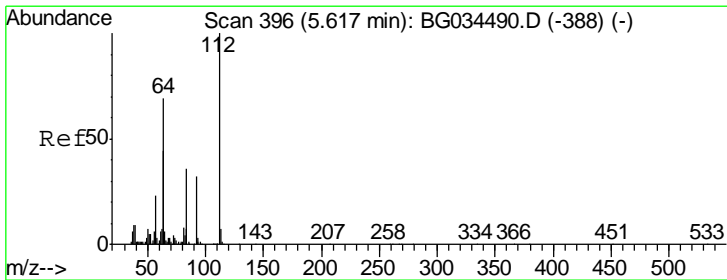
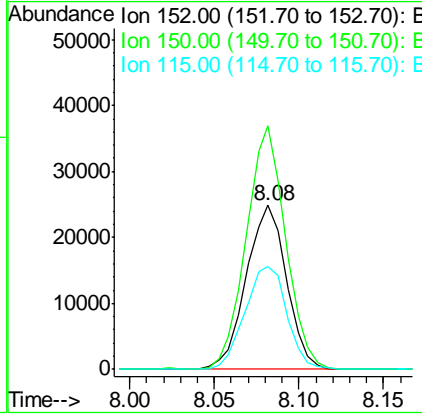




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BG034959.D
 Acq: 7 Jun 2018 19:23

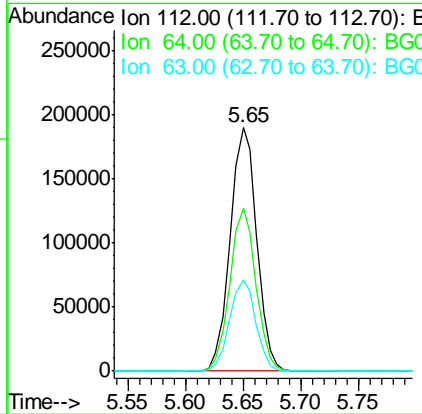
Instrument :
 BNA_G
 ClientSampled :

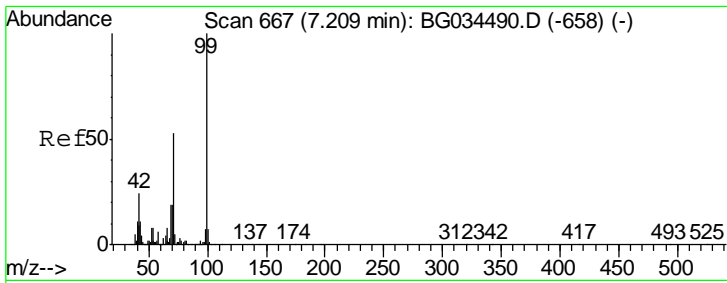
Tgt Ion	Resp	Lower	Upper
152	41272		
152	100		
150	148.8	126.6	189.8
115	62.7	53.0	79.4



#5
 2-Fluorophenol
 Concen: 123.55 ng
 RT: 5.65 min Scan# 402
 Delta R.T. 0.00 min
 Lab File: BG034959.D
 Acq: 7 Jun 2018 19:23

Tgt Ion	Resp	Lower	Upper
112	302147		
112	100		
64	66.9	56.3	84.5
63	37.6	30.1	45.1

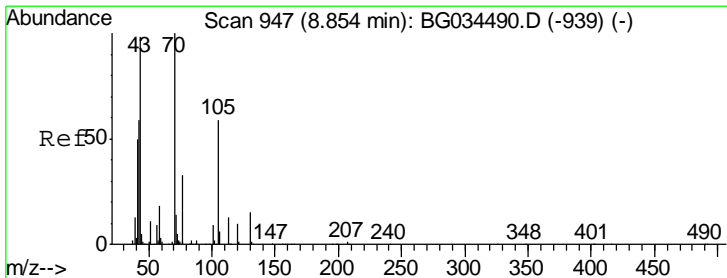
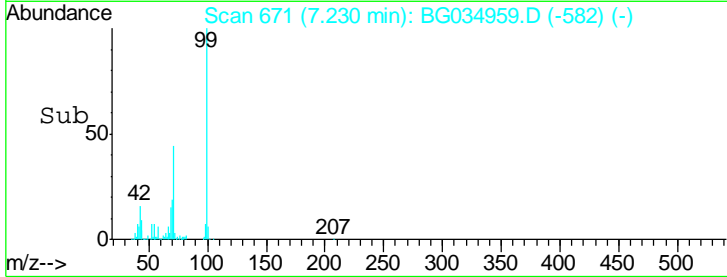
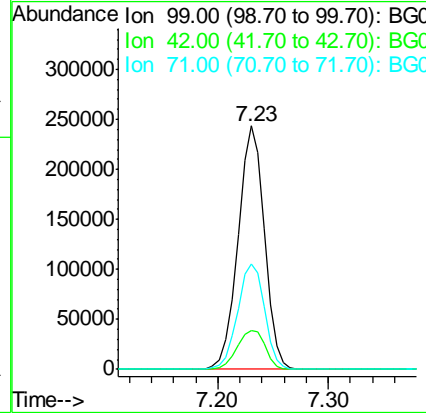
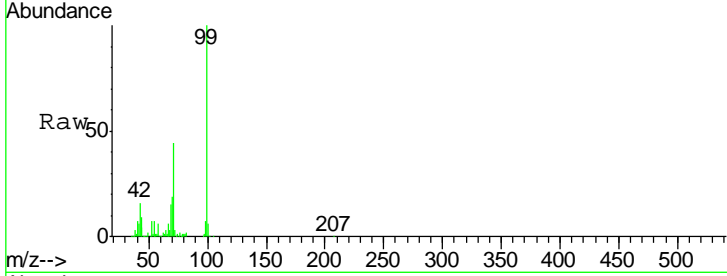




#7
 Phenol-d6
 Concen: 113.15 ng
 RT: 7.23 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: BG034959.D
 Acq: 7 Jun 2018 19:23

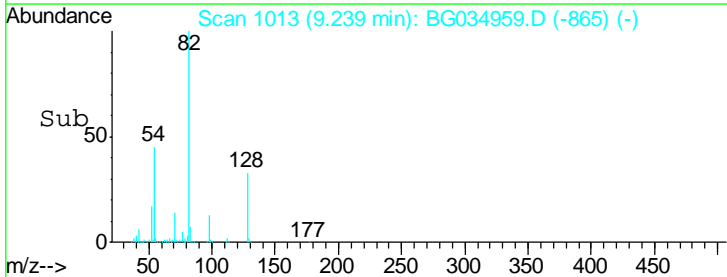
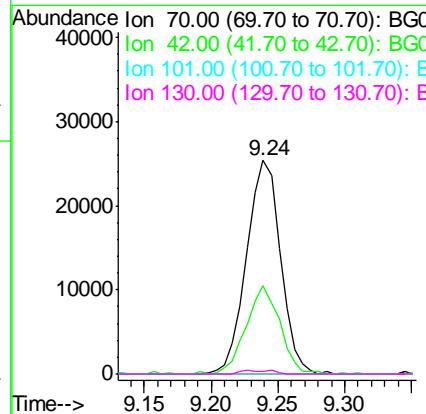
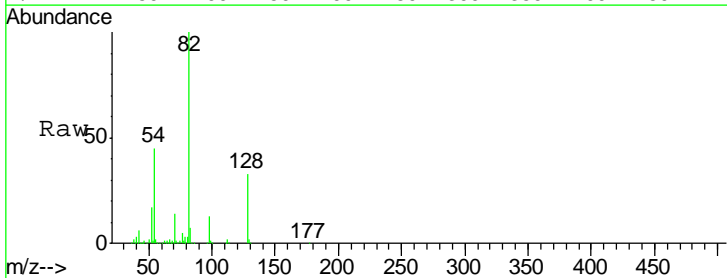
Instrument :
 BNA_G
 ClientSampled :

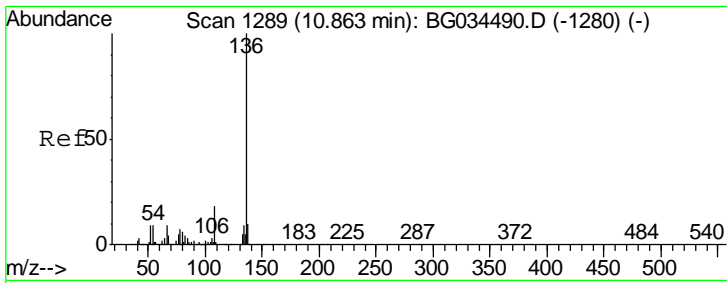
Tgt Ion	Resp	Lower	Upper
99	100		
42	16.1	14.1	21.1
71	43.5	26.1	39.1#



#19
 n-Nitroso-di-n-propylamine
 Concen: 14.57 ng
 RT: 9.24 min Scan# 1013
 Delta R.T. 0.34 min
 Lab File: BG034959.D
 Acq: 7 Jun 2018 19:23

Tgt Ion	Resp	Lower	Upper
70	100		
42	41.6	49.1	73.7#
101	0.0	8.5	12.7#
130	1.4	13.4	20.0#

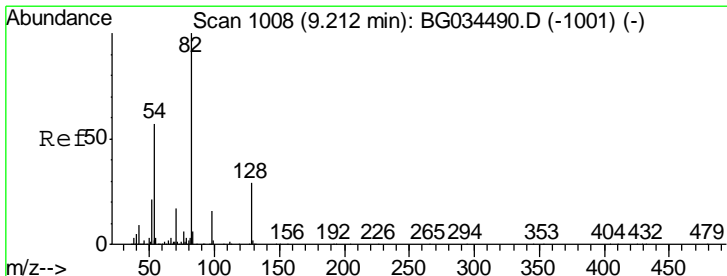
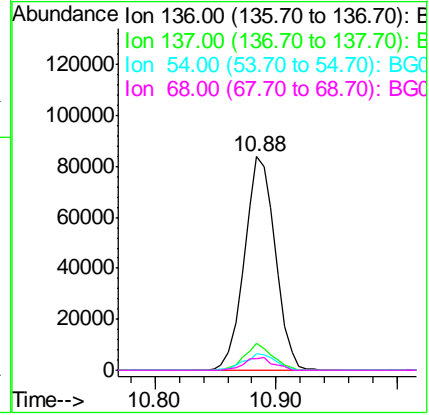
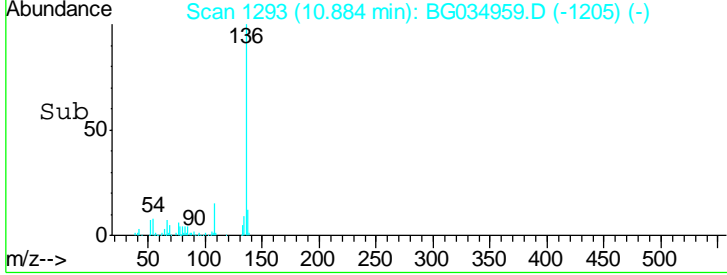
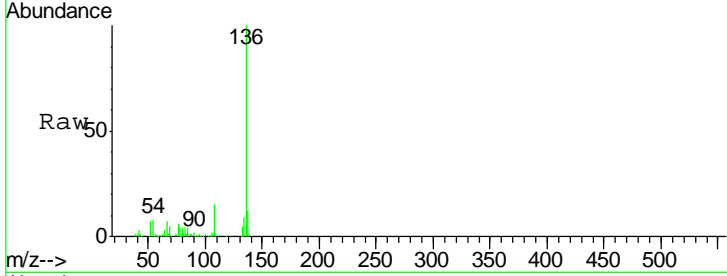




#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.88 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BG034959.D
 Acq: 7 Jun 2018 19:23

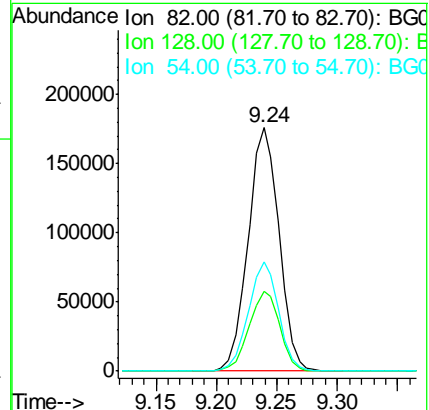
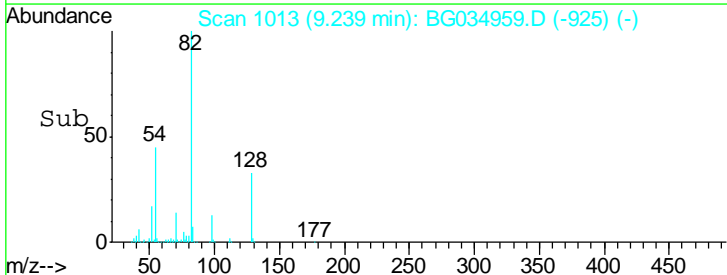
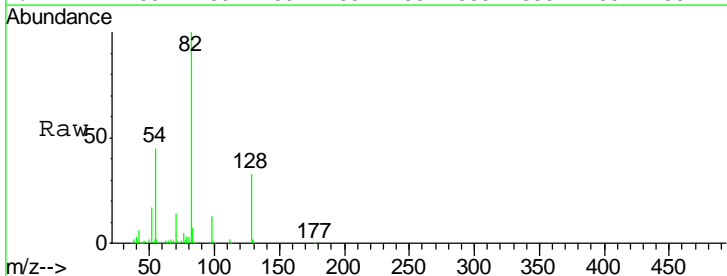
Instrument :
 BNA_G
 ClientSampled :

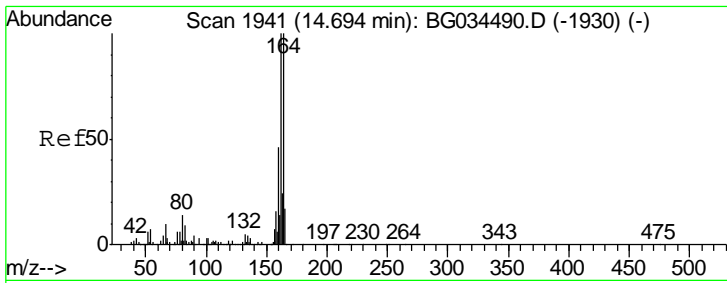
Tgt Ion	Resp	Lower	Upper
136	149176		
137	12.4	9.2	13.8
54	7.5	10.3	15.5#
68	5.4	4.5	6.7



#23
 Nitrobenzene-d5
 Concen: 99.87 ng
 RT: 9.24 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BG034959.D
 Acq: 7 Jun 2018 19:23

Tgt Ion	Resp	Lower	Upper
82	313406		
128	32.6	29.7	44.5
54	44.9	43.1	64.7

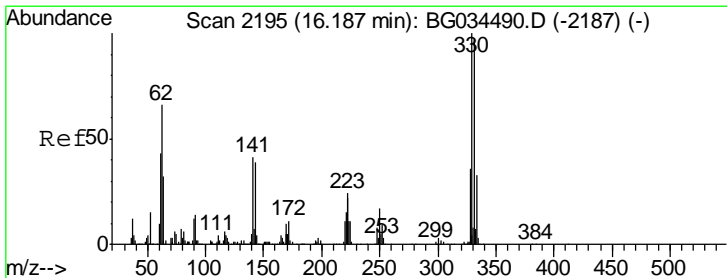
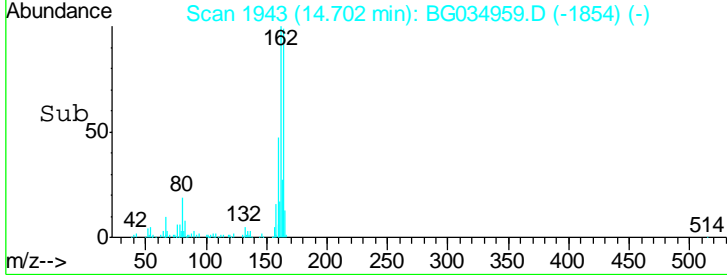
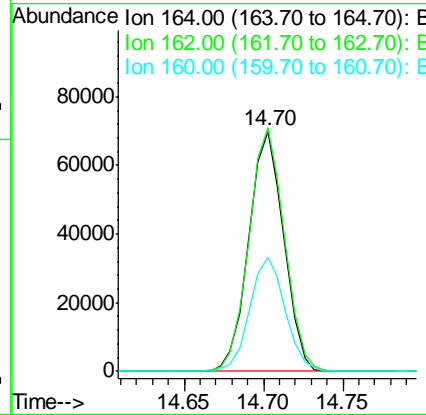
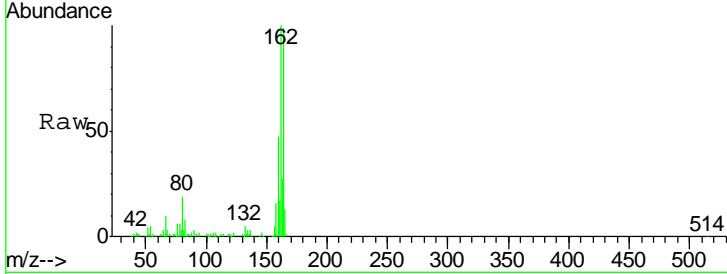




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: BG034959.D
 Acq: 7 Jun 2018 19:23

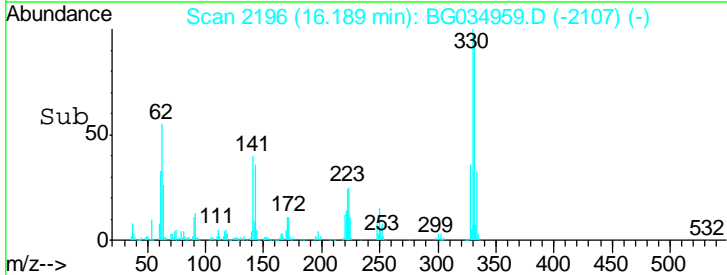
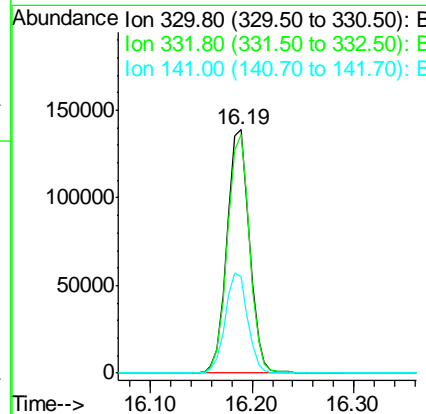
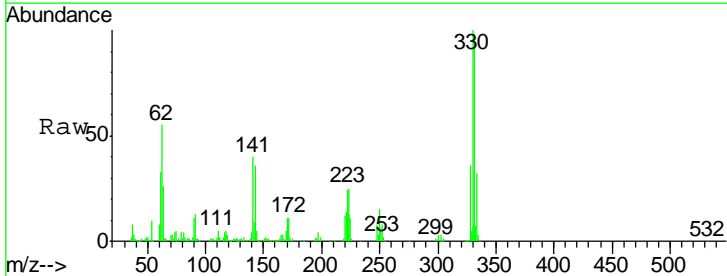
Instrument :
 BNA_G
 ClientSampled :

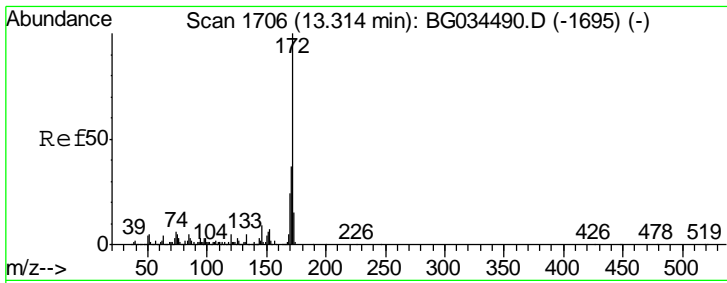
Tgt Ion	Resp	Lower	Upper
164	106973		
162	101.3	78.8	118.2
160	47.4	35.4	53.0



#41
 2,4,6-Tribromophenol
 Concen: 156.38 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BG034959.D
 Acq: 7 Jun 2018 19:23

Tgt Ion	Resp	Lower	Upper
330	214143		
332	96.6	77.0	115.6
141	40.8	25.2	37.8#

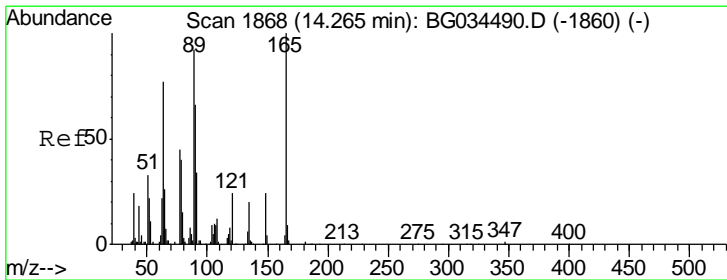
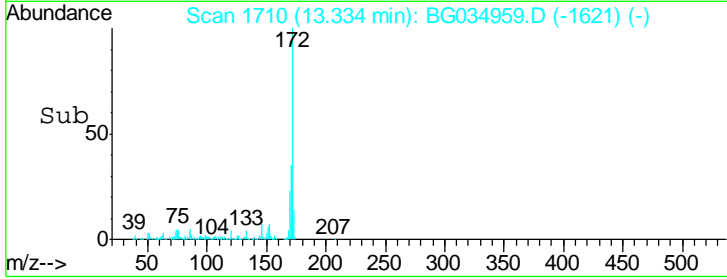
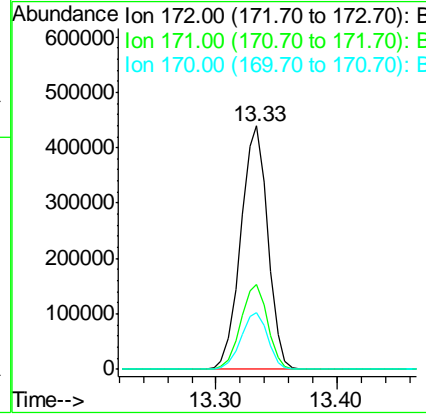
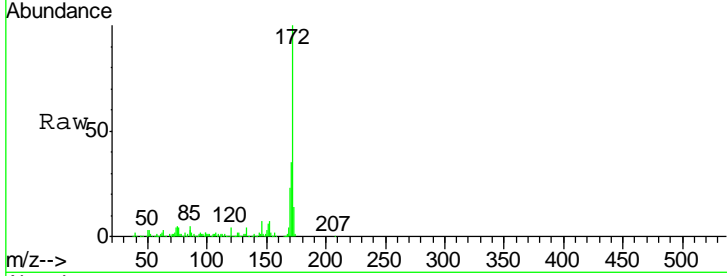




#44
 2-Fluorobiphenyl
 Concen: 83.03 ng
 RT: 13.33 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG034959.D
 Acq: 7 Jun 2018 19:23

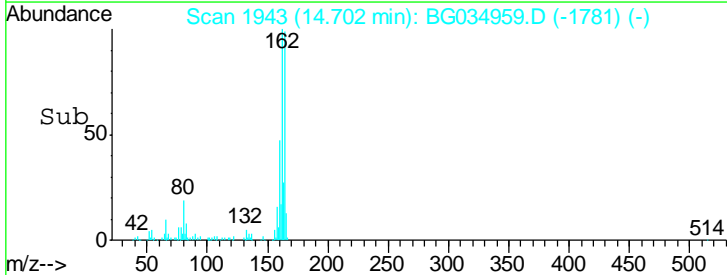
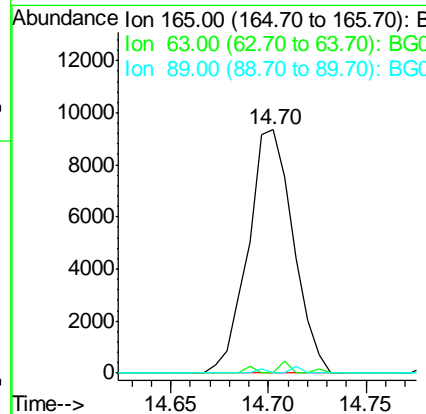
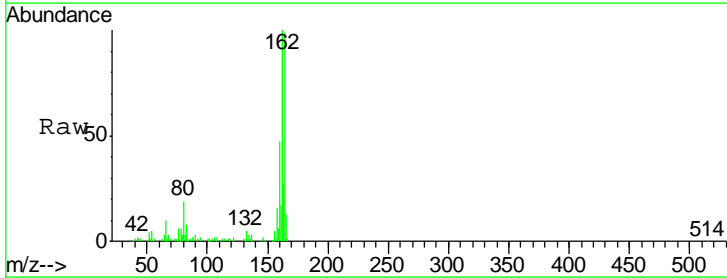
Instrument :
 BNA_G
 ClientSampled :

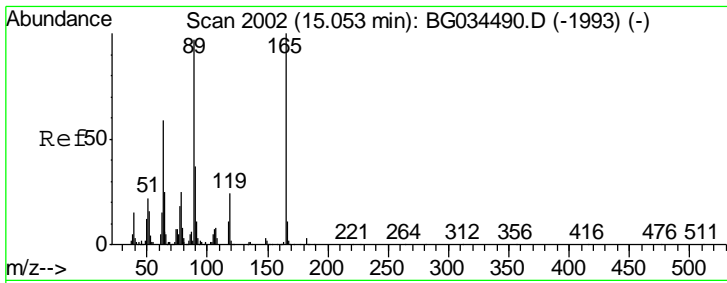
Tgt Ion	Resp	Lower	Upper
172	683211		
171	34.8	30.0	45.0
170	23.5	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.80 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. 0.42 min
 Lab File: BG034959.D
 Acq: 7 Jun 2018 19:23

Tgt Ion	Resp	Lower	Upper
165	14971		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#

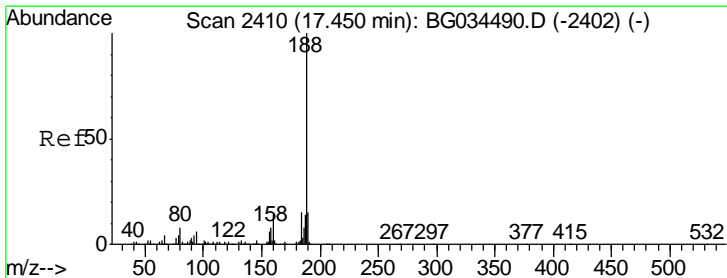
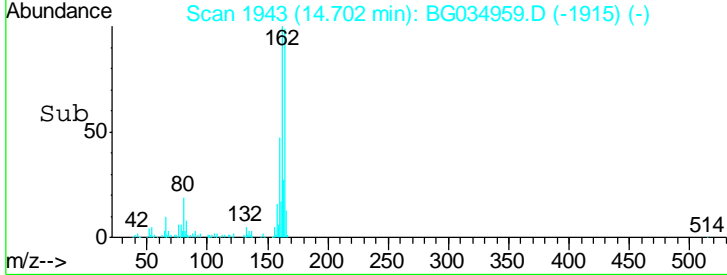
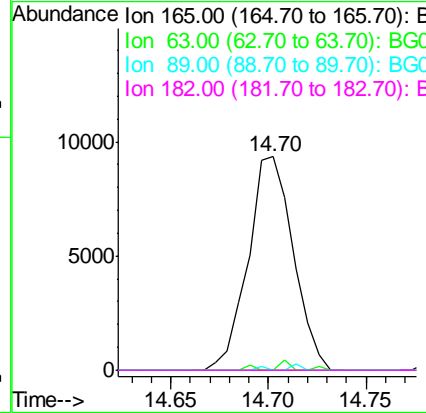
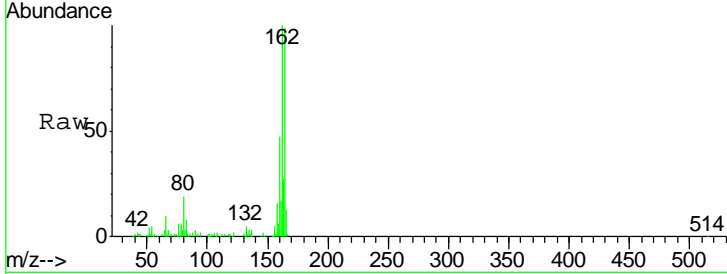




#56
 2,4-Dinitrotoluene
 Concen: 6.62 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.36 min
 Lab File: BG034959.D
 Acq: 7 Jun 2018 19:23

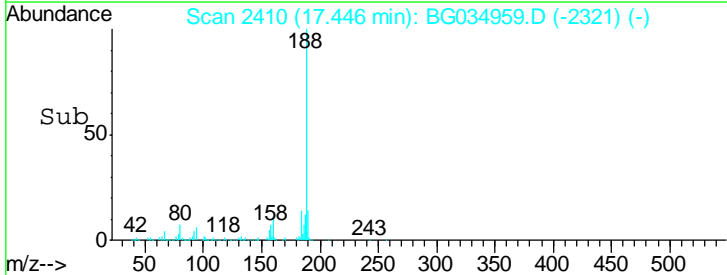
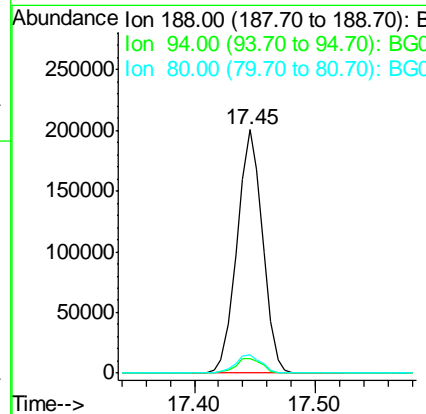
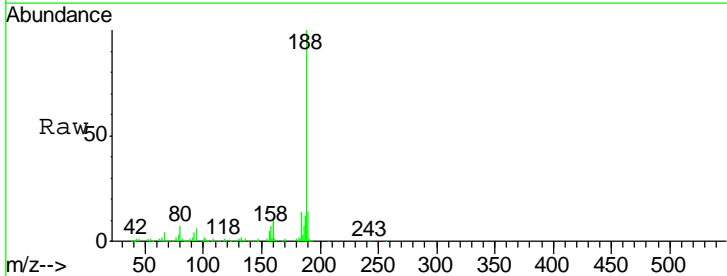
Instrument :
 BNA_G
 ClientSampled :

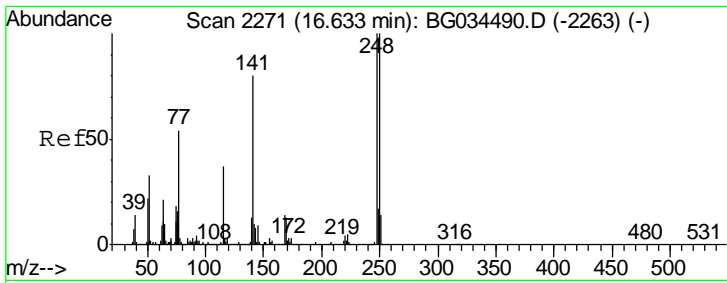
Tgt Ion	Resp	Lower	Upper
165	14971		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.45 min Scan# 2410
 Delta R.T. -0.00 min
 Lab File: BG034959.D
 Acq: 7 Jun 2018 19:23

Tgt Ion	Resp	Lower	Upper
188	295487		
94	6.1	6.9	10.3#
80	7.3	7.7	11.5#

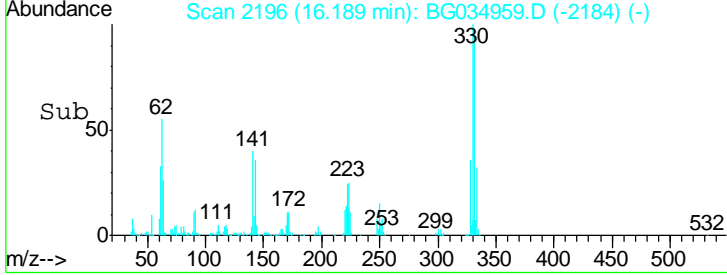
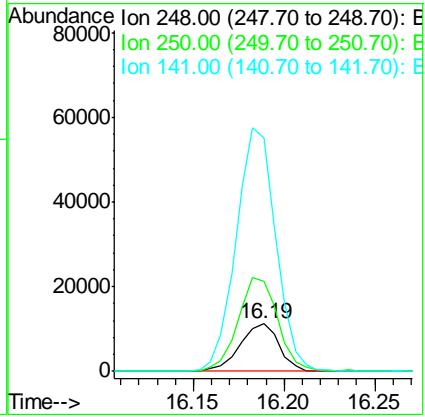
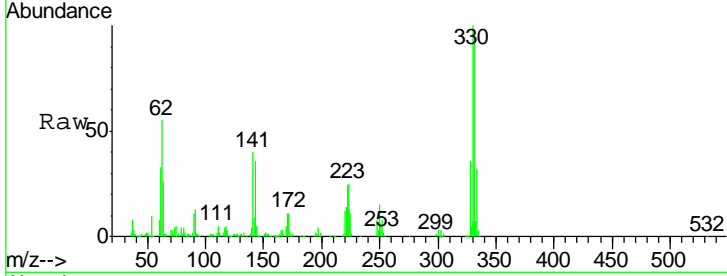




#66
 4-Bromophenyl-phenylether
 Concen: 4.77 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. -0.46 min
 Lab File: BG034959.D
 Acq: 7 Jun 2018 19:23

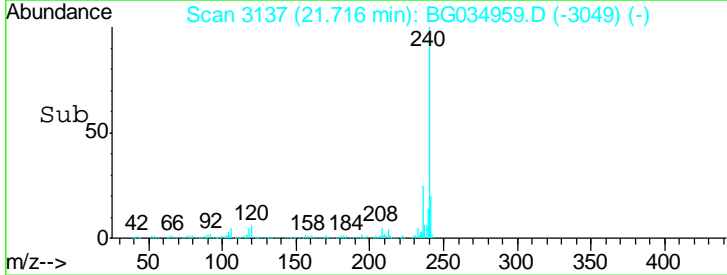
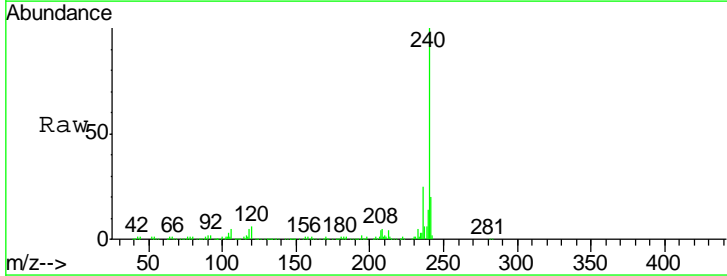
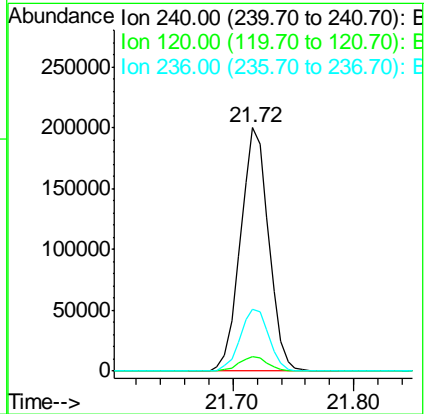
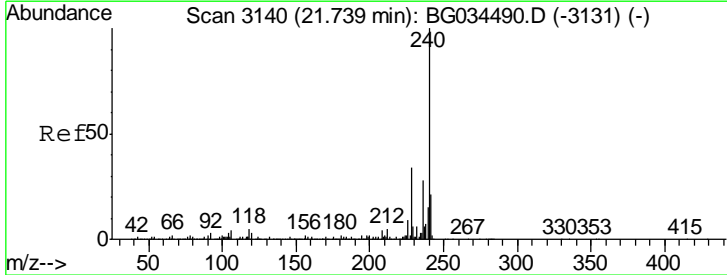
Instrument :
 BNA_G
 ClientSampled :

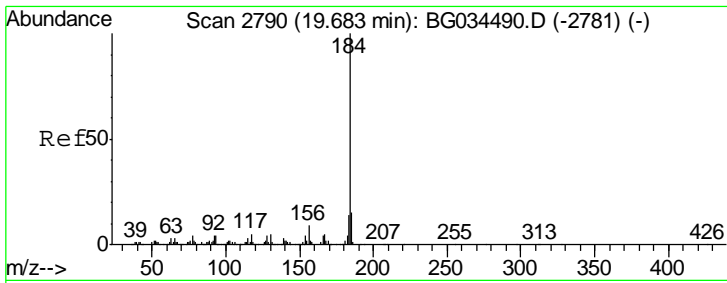
Tgt Ion	Resp	Lower	Upper
248	16959		
250	189.5	77.1	115.7#
141	493.3	50.8	76.2#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.72 min Scan# 3137
 Delta R.T. -0.01 min
 Lab File: BG034959.D
 Acq: 7 Jun 2018 19:23

Tgt Ion	Resp	Lower	Upper
240	325710		
120	5.9	6.8	10.2#
236	25.2	20.9	31.3

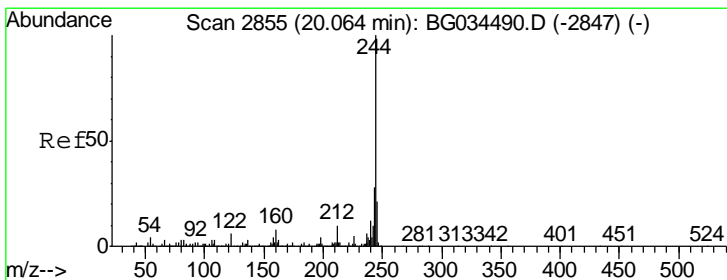
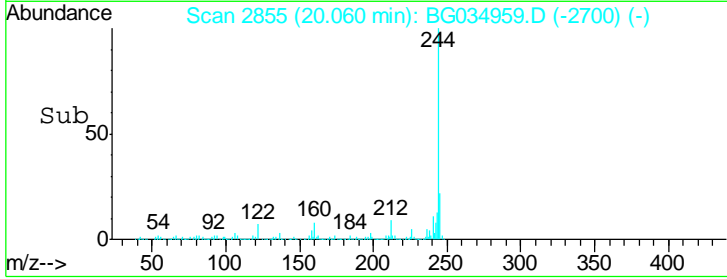
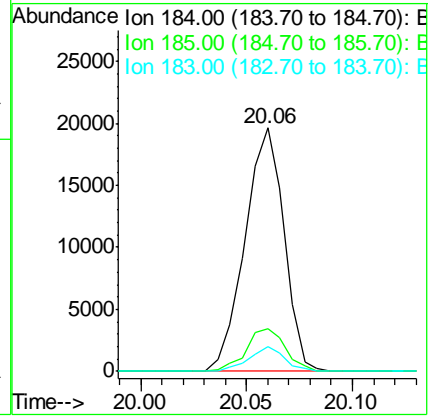
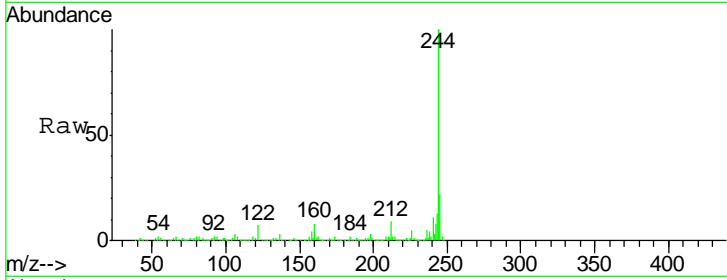




#76
Benzidine
Concen: 2.07 ng
RT: 20.06 min Scan# 2855
Delta R.T. 0.38 min
Lab File: BG034959.D
Acq: 7 Jun 2018 19:23

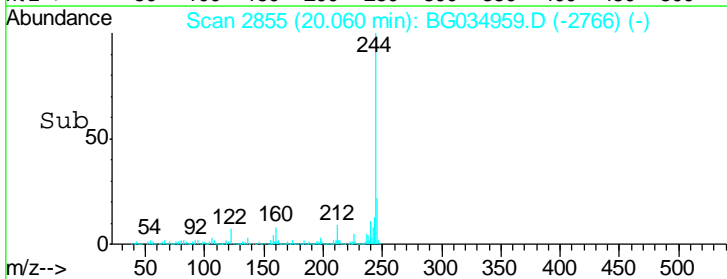
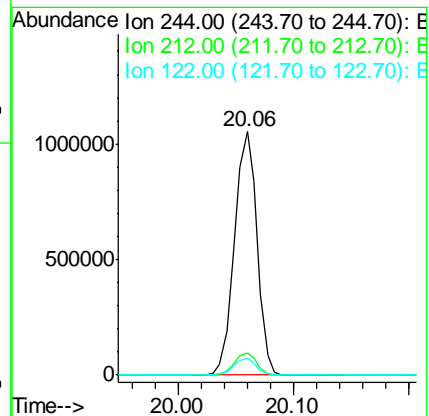
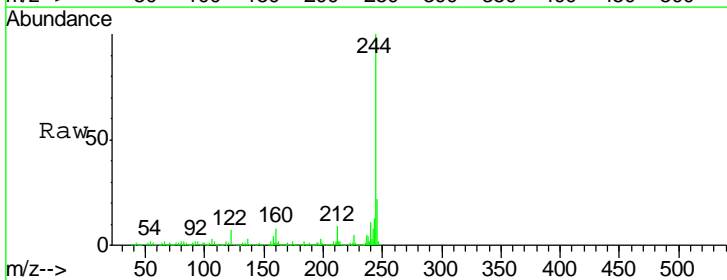
Instrument :
BNA_G
ClientSampled :

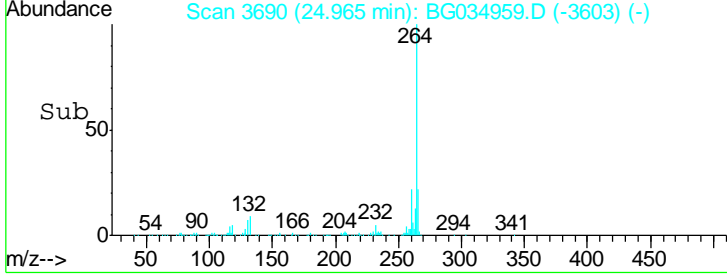
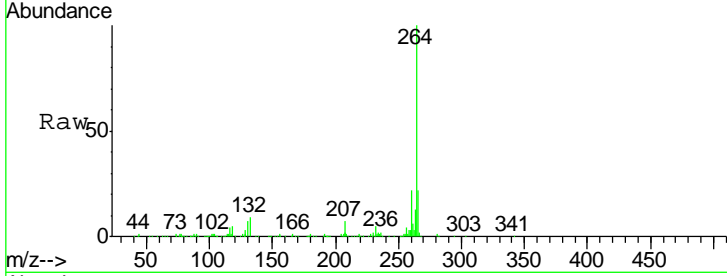
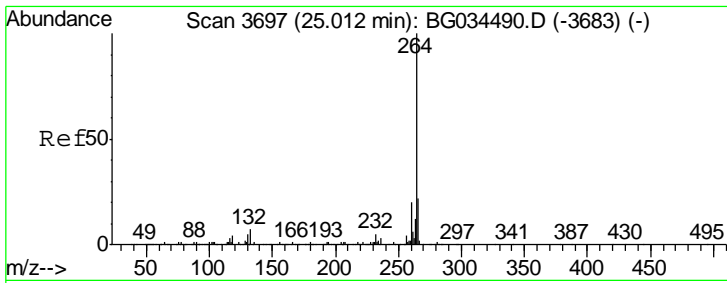
Tgt Ion	Resp	Lower	Upper
184	100		
185	17.6	11.1	16.7#
183	10.1	10.6	16.0#



#78
Terphenyl-d14
Concen: 91.08 ng
RT: 20.06 min Scan# 2855
Delta R.T. -0.00 min
Lab File: BG034959.D
Acq: 7 Jun 2018 19:23

Tgt Ion	Resp	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	6.9	7.0	10.4#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.96 min Scan# 3690
 Delta R.T. -0.02 min
 Lab File: BG034959.D
 Acq: 7 Jun 2018 19:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 264 Resp: 315142

Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	21.8	17.7	26.5

