

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045921.D
 Acq On : 2 Jul 2020 19:24
 Operator : CG/JU
 Sample : L3172-23
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP9-SS

Quant Time: Jul 03 00:37:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 14:02:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	45470	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	172346	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	122038	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	278054	20.00	ng	0.00
76) Chrysene-d12	21.51	240	313842	20.00	ng	-0.01
86) Perylene-d12	24.59	264	327141	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	387477	143.95	ng	-0.01
7) Phenol-d6	7.07	99	550105	134.36	ng	0.00
23) Nitrobenzene-d5	9.02	82	391883	103.88	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	273091	148.22	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	879094	105.86	ng	0.00
79) Terphenyl-d14	19.88	244	1589162	102.62	ng	0.00

Target Compounds

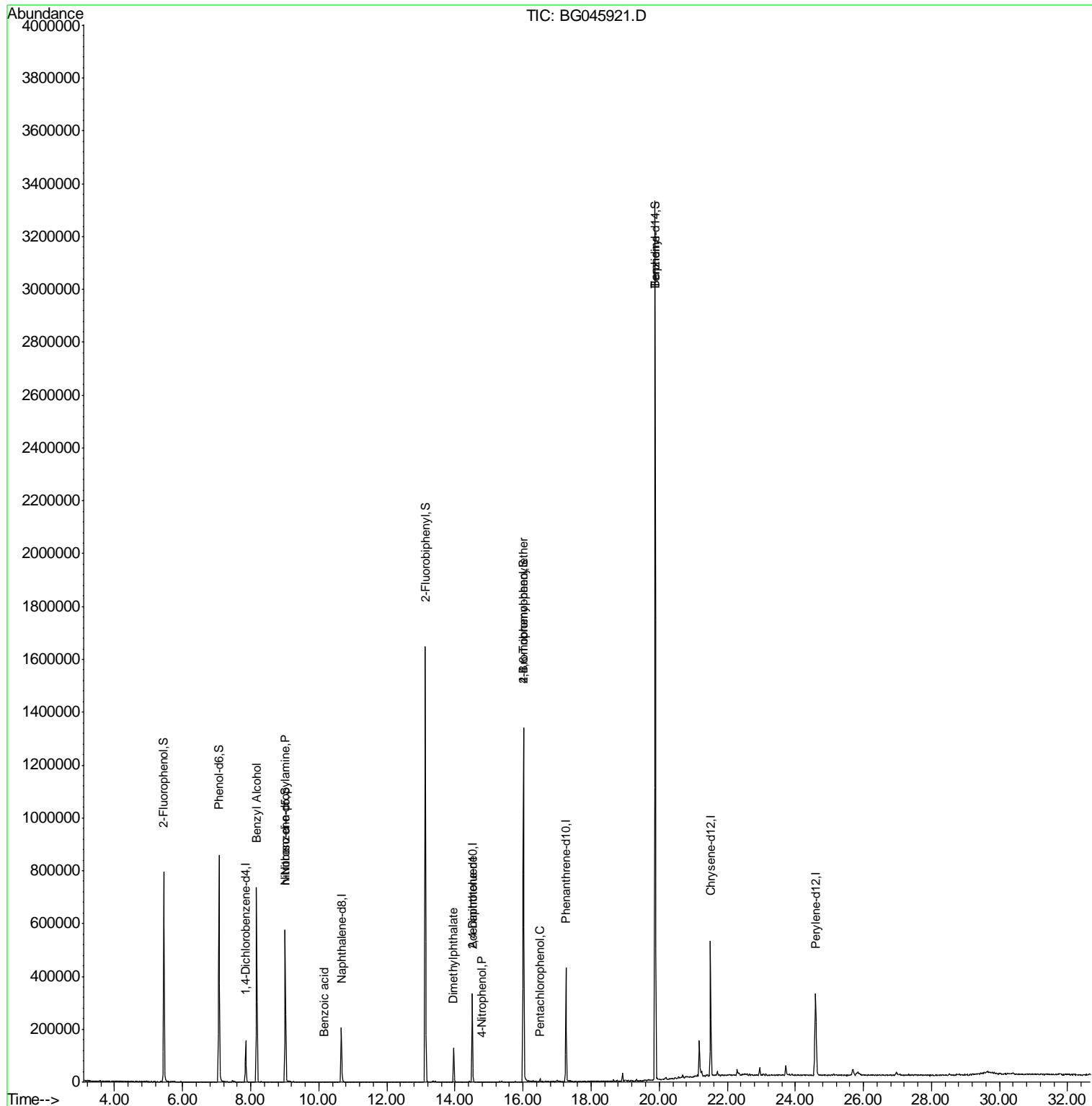
						Qvalue
15) Benzyl Alcohol	8.18	79	7507	2.369	ng	# 61
19) n-Nitroso-di-n-propylamine	9.02	70	55056	20.453	ng	# 77
32) Benzoic acid	10.15	122	54	9.004	ng	# 1
50) Dimethylphthalate	13.97	163	88693	9.277	ng	99
56) 4-Nitrophenol	14.81	139	101	4.035	ng	# 1
57) 2,4-Dinitrotoluene	14.51	165	15565	5.059	ng	# 21
67) 4-Bromophenyl-phenylether	16.01	248	18731	5.184	ng	# 1
70) Pentachlorophenol	16.48	266	56	7.660	ng	# 20
77) Benzidine	19.88	184	29923	3.668	ng	# 89

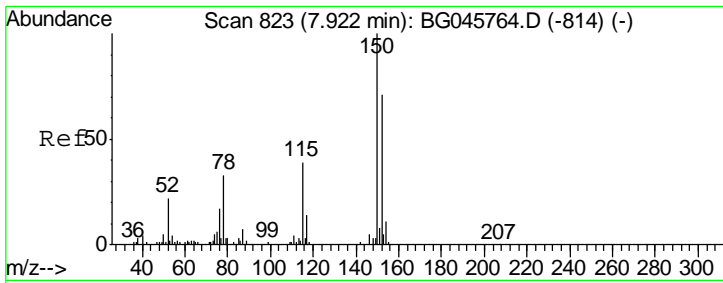
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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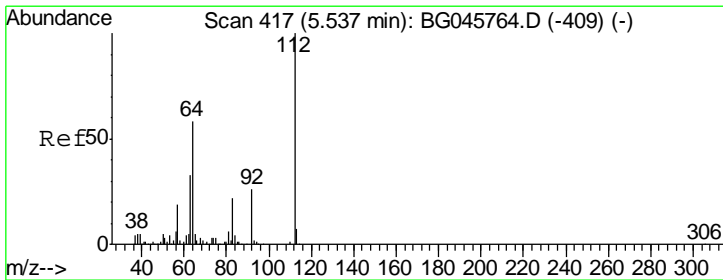
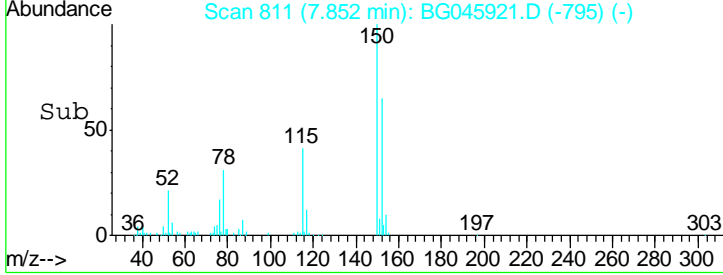
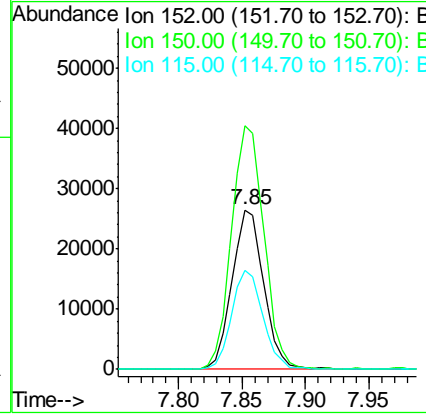
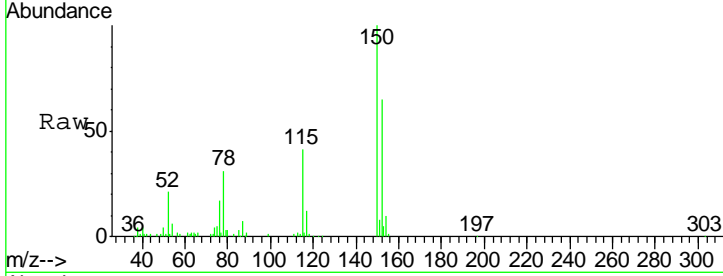




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.85 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BG045921.D
 Acq: 2 Jul 2020 19:24

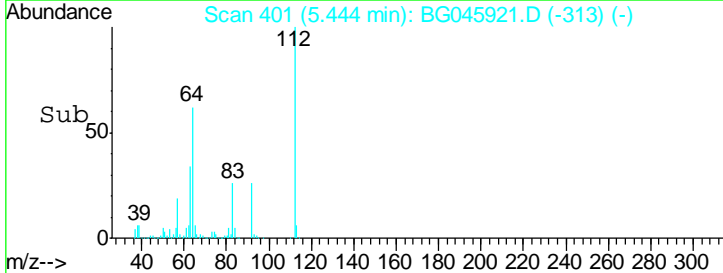
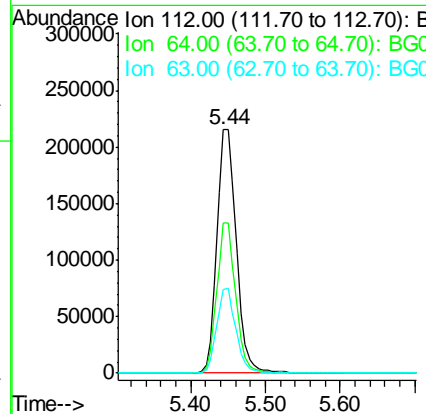
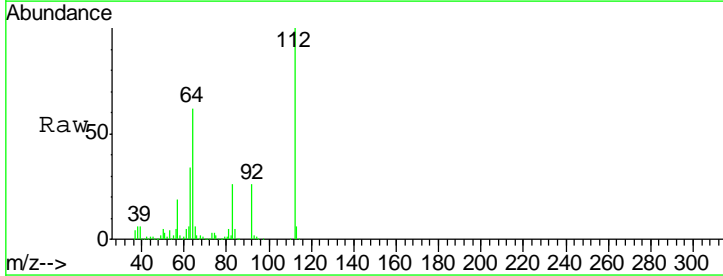
Instrument :
 BNA_G
 ClientSampleID :
 TP9-SS

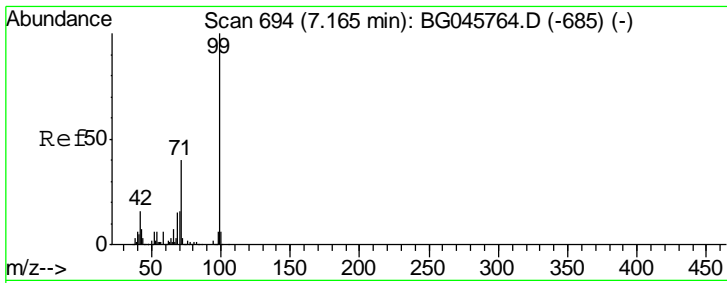
Tgt Ion	Resp	Lower	Upper
152	100		
150	152.8	124.5	186.7
115	61.9	45.8	68.8



#5
 2-Fluorophenol
 Concen: 143.950 ng
 RT: 5.44 min Scan# 401
 Delta R.T. -0.01 min
 Lab File: BG045921.D
 Acq: 2 Jul 2020 19:24

Tgt Ion	Resp	Lower	Upper
112	100		
64	61.5	44.9	67.3
63	34.3	26.9	40.3

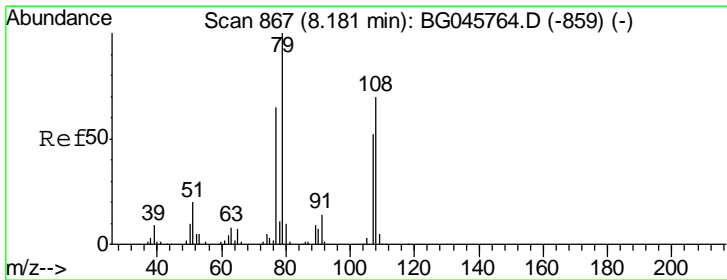
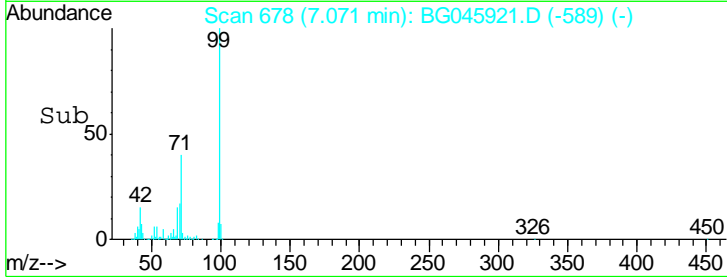
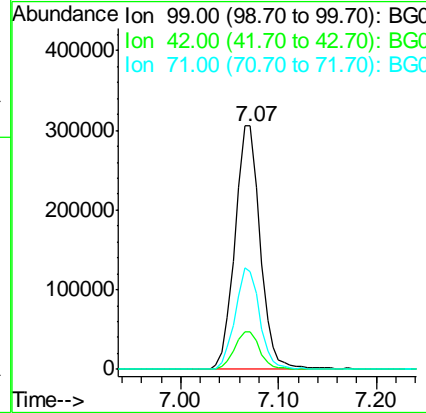
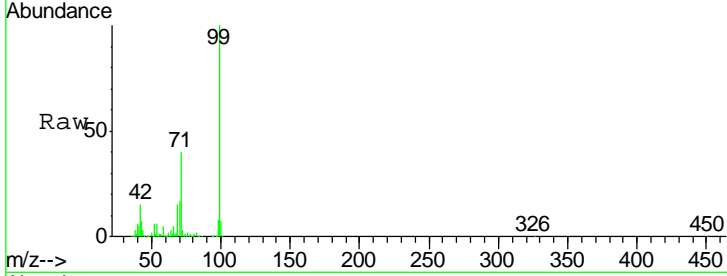




#7
 Phenol-d6
 Concen: 134.356 ng
 RT: 7.07 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BG045921.D
 Acq: 2 Jul 2020 19:24

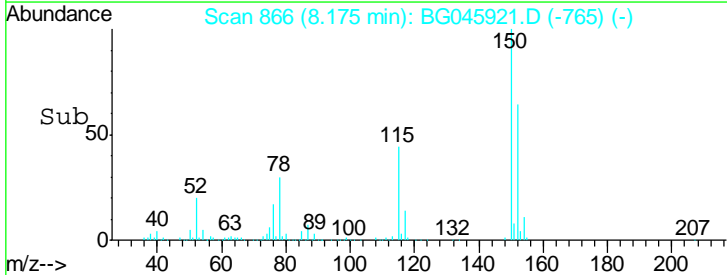
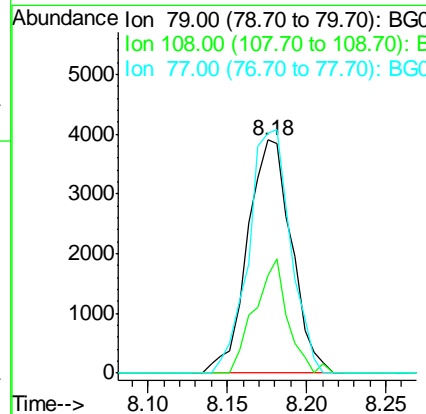
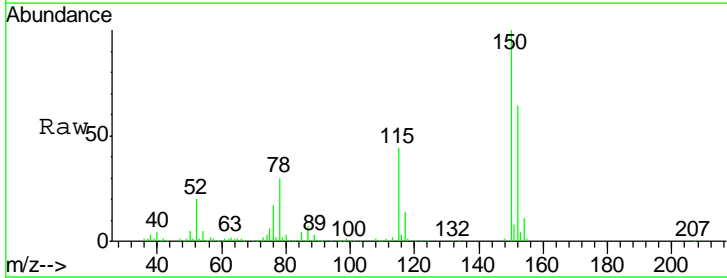
Instrument :
 BNA_G
 ClientSampled :
 TP9-SS

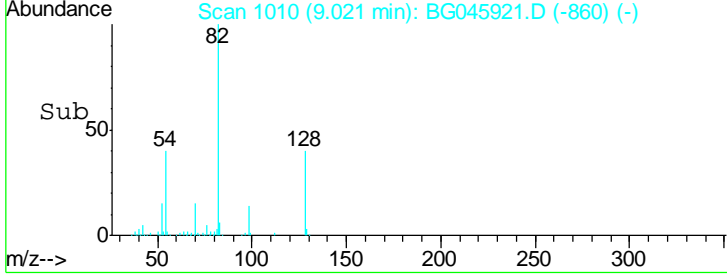
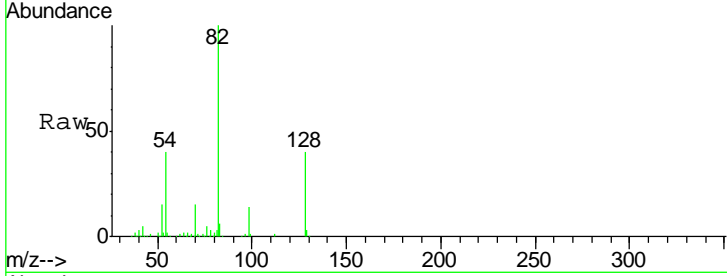
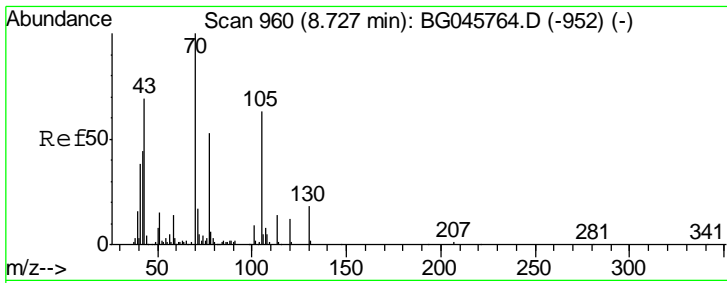
Tgt Ion	Resp	Lower	Upper
99	100		
42	15.2	11.8	17.8
71	40.0	31.0	46.6



#15
 Benzyl Alcohol
 Concen: 2.369 ng
 RT: 8.18 min Scan# 866
 Delta R.T. 0.07 min
 Lab File: BG045921.D
 Acq: 2 Jul 2020 19:24

Tgt Ion	Resp	Lower	Upper
79	100		
108	41.7	50.7	76.1#
77	102.5	50.4	75.6#

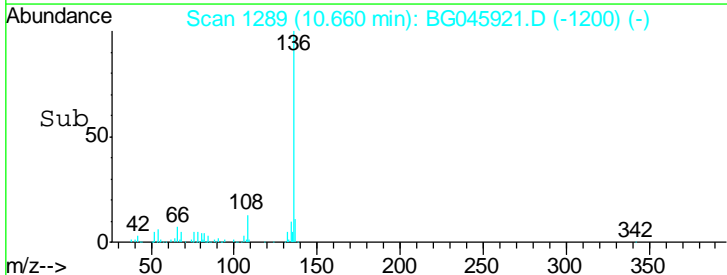
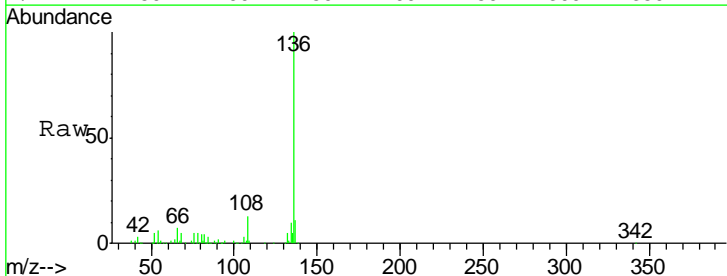
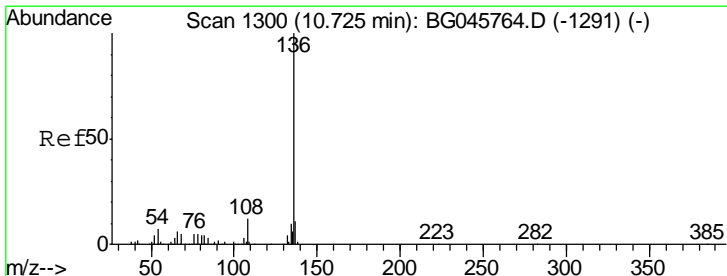
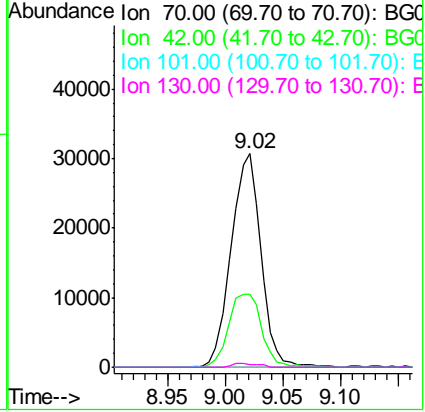




#19
 n-Nitroso-di-n-propylamine
 Concen: 20.453 ng
 RT: 9.02 min Scan# 1010
 Delta R.T. 0.35 min
 Lab File: BG045921.D
 Acq: 2 Jul 2020 19:24

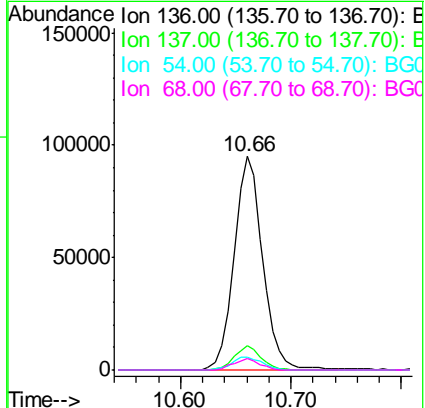
Instrument :
 BNA_G
 ClientSampled :
 TP9-SS

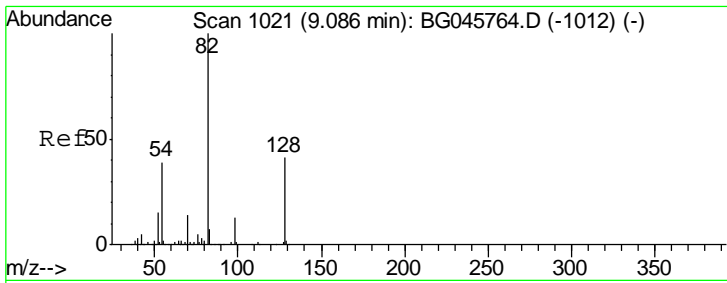
Tgt Ion	Resp	Lower	Upper
70	100		
42	34.1	35.6	53.4#
101	0.0	6.6	10.0#
130	1.5	14.8	22.2#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.66 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: BG045921.D
 Acq: 2 Jul 2020 19:24

Tgt Ion	Resp	Lower	Upper
136	100		
137	11.3	8.2	12.4
54	6.0	4.6	7.0
68	5.2	5.0	7.4

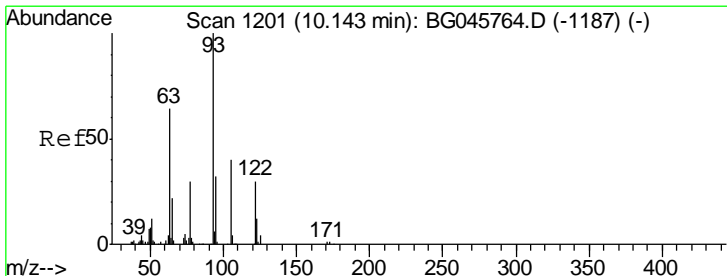
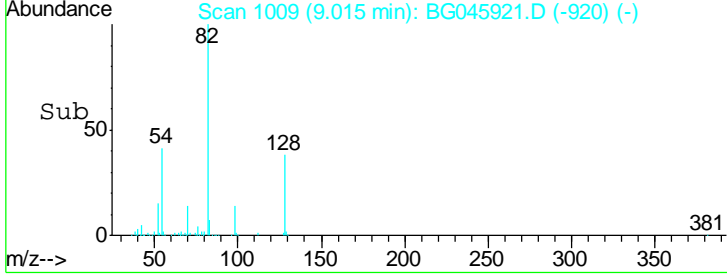
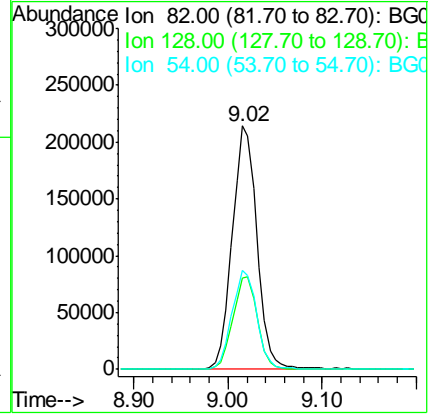
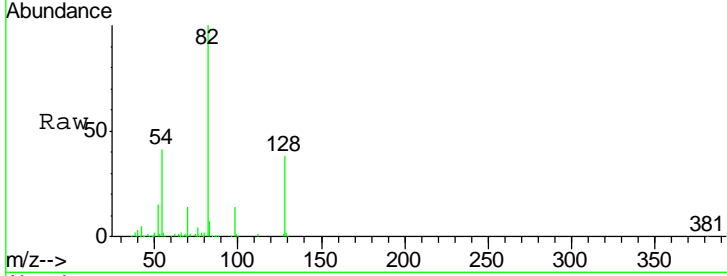




#23
 Nitrobenzene-d5
 Concen: 103.876 ng
 RT: 9.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG045921.D
 Acq: 2 Jul 2020 19:24

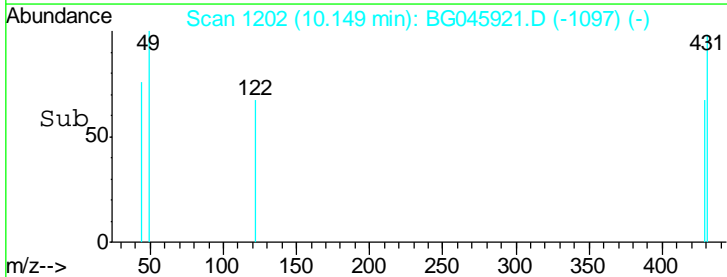
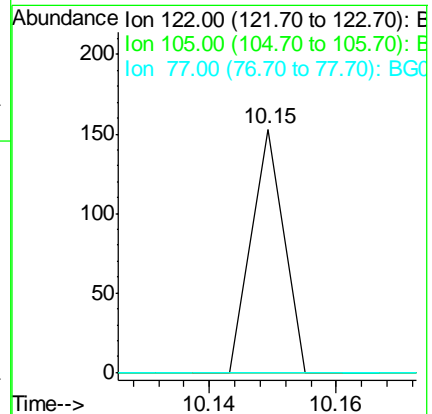
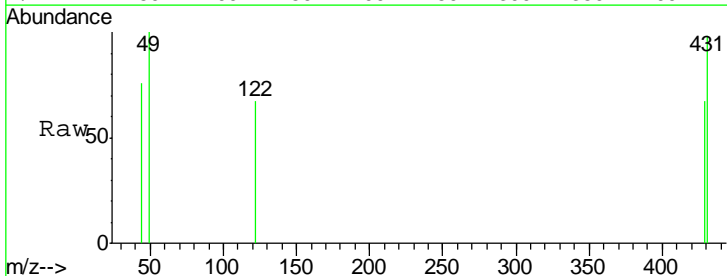
Instrument :
 BNA_G
ClientSampled :
 TP9-SS

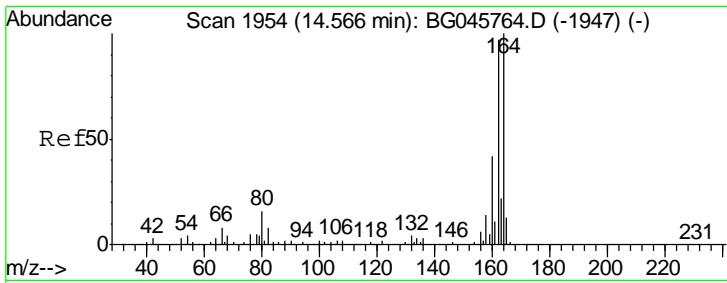
Tgt Ion	Resp	Lower	Upper
82	391883		
128	37.6	29.9	44.9
54	40.9	33.3	49.9



#32
 Benzoic acid
 Concen: 9.004 ng
 RT: 10.15 min Scan# 1202
 Delta R.T. 0.09 min
 Lab File: BG045921.D
 Acq: 2 Jul 2020 19:24

Tgt Ion	Resp	Lower	Upper
122	54		
105	0.0	123.1	163.1#
77	0.0	93.9	133.9#

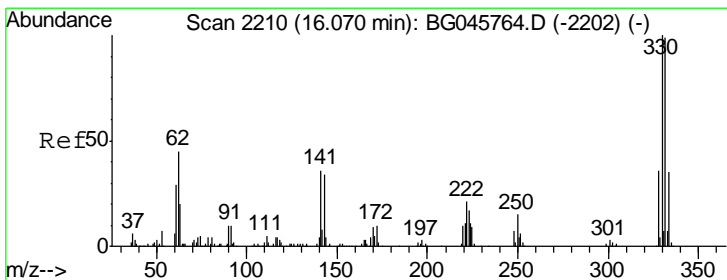
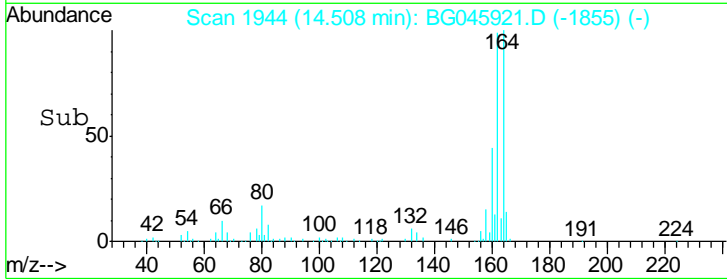
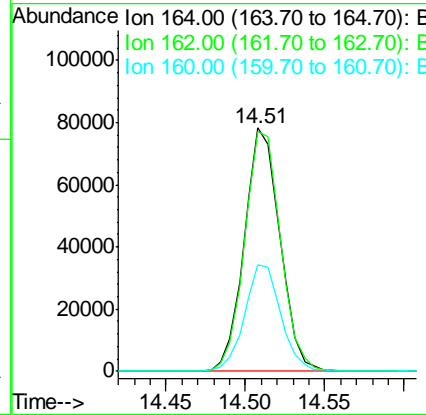
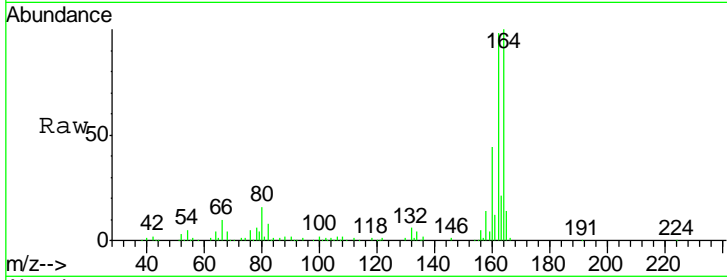




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: BG045921.D
 Acq: 2 Jul 2020 19:24

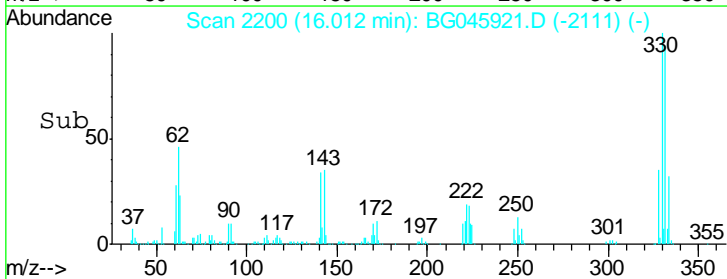
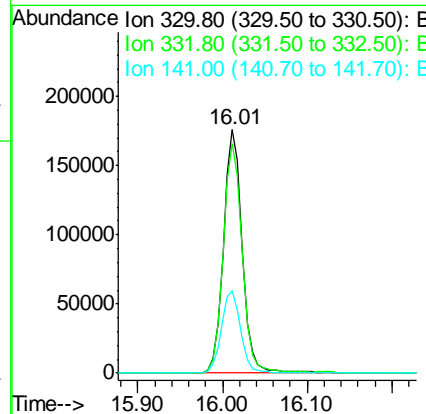
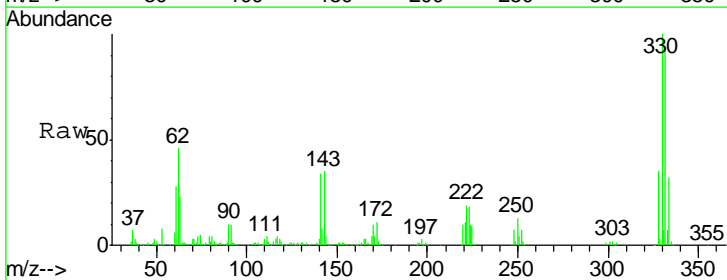
Instrument :
 BNA_G
 ClientSampled :
 TP9-SS

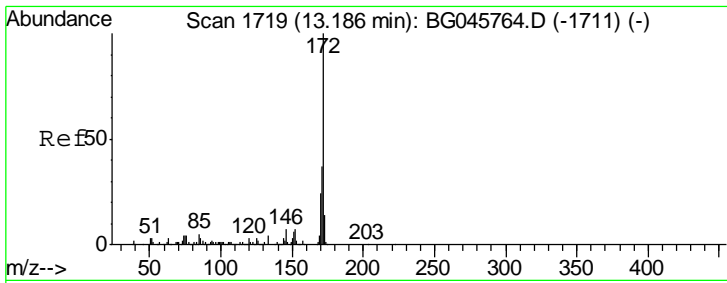
Tgt Ion	Resp	Lower	Upper
164	100		
162	98.2	78.8	118.2
160	43.6	33.8	50.6



#42
 2,4,6-Tribromophenol
 Concen: 148.221 ng
 RT: 16.01 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG045921.D
 Acq: 2 Jul 2020 19:24

Tgt Ion	Resp	Lower	Upper
330	100		
332	95.8	79.4	119.0
141	34.7	28.2	42.2



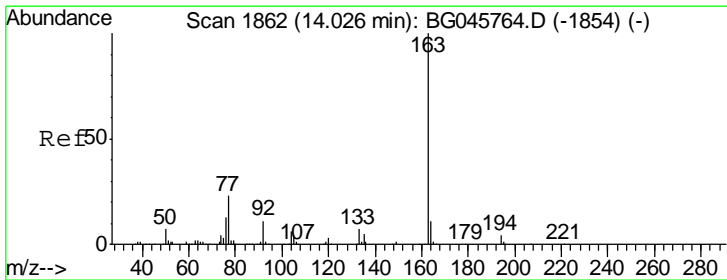
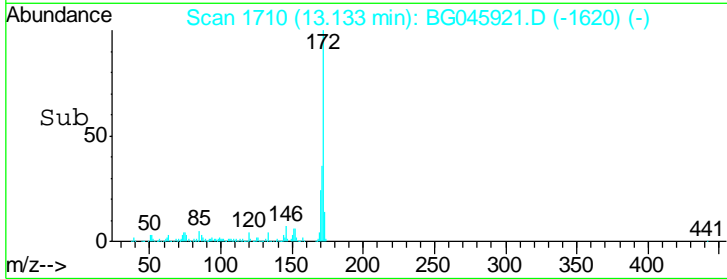
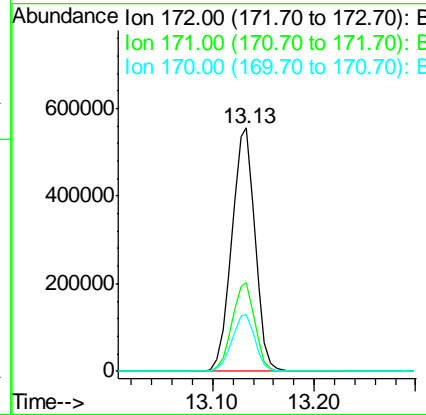
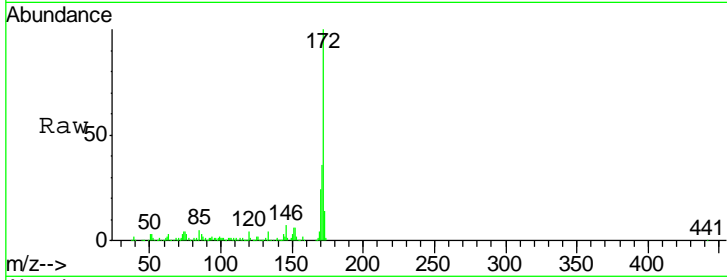


#45
 2-Fluorobiphenyl
 Concen: 105.859 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG045921.D
 Acq: 2 Jul 2020 19:24

Instrument :
 BNA_G
 ClientSampled :
 TP9-SS

Tgt Ion:172 Resp: 879094

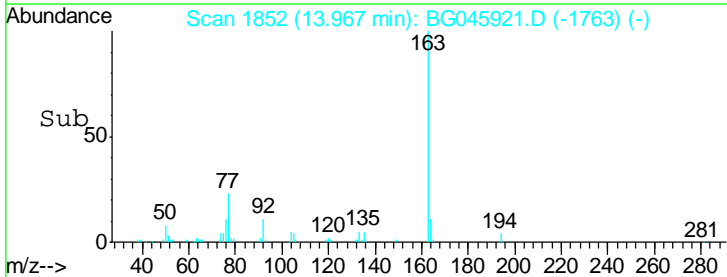
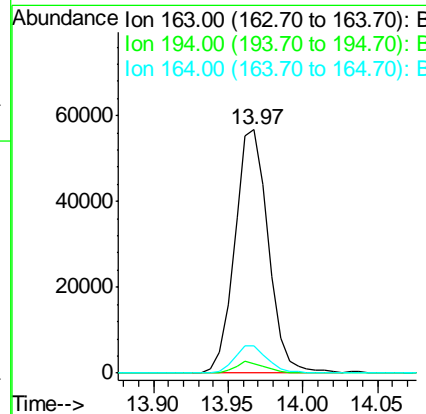
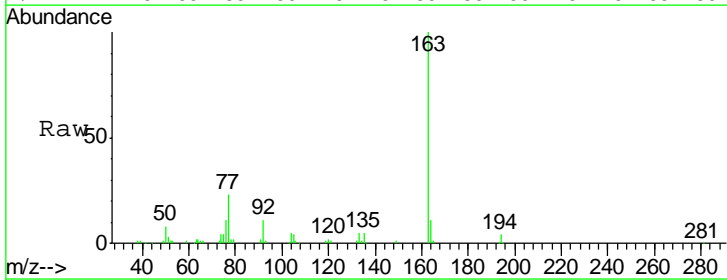
Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.5	42.7
170	23.5	18.9	28.3

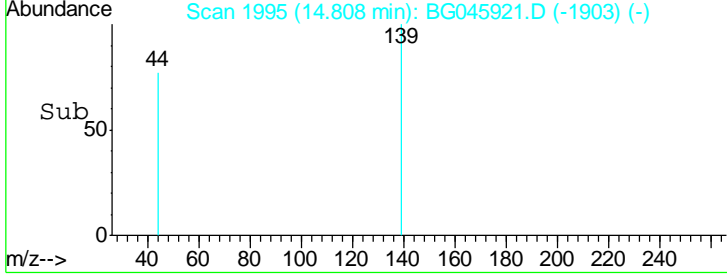
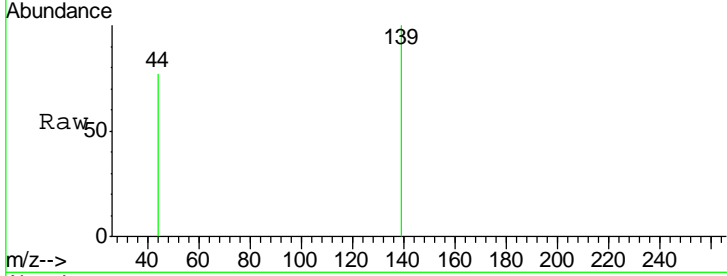
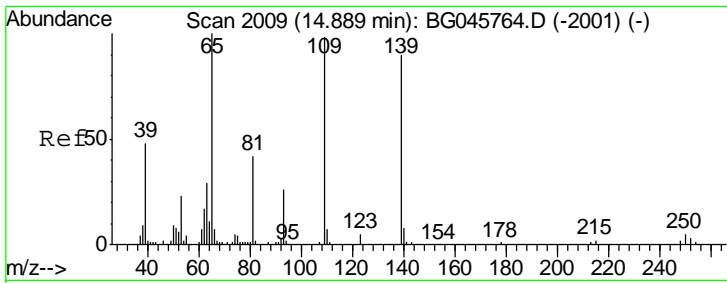


#50
 Dimethylphthalate
 Concen: 9.277 ng
 RT: 13.97 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BG045921.D
 Acq: 2 Jul 2020 19:24

Tgt Ion:163 Resp: 88693

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.5	5.3
164	11.2	8.7	13.1

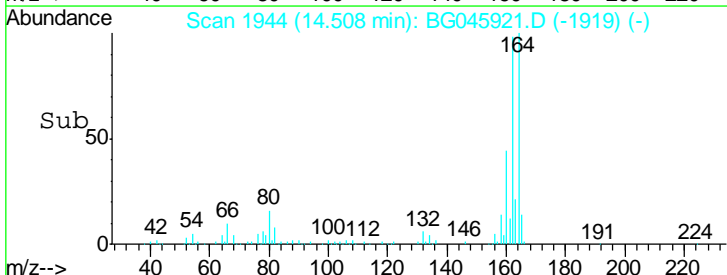
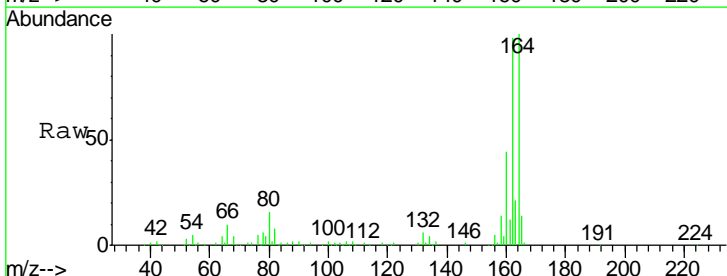
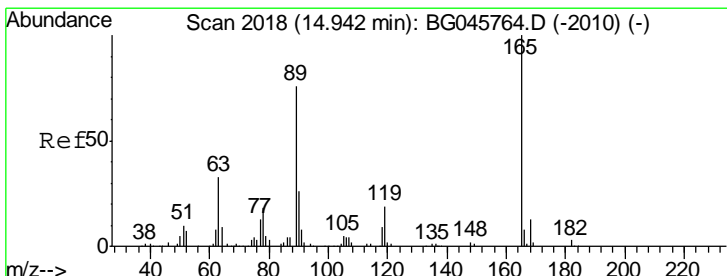
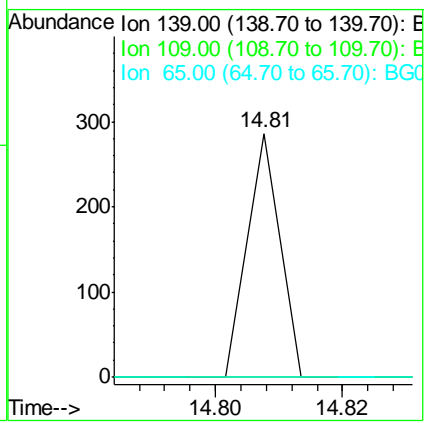




#56
 4-Nitrophenol
 Concen: 4.035 ng
 RT: 14.81 min Scan# 1995
 Delta R.T. 0.01 min
 Lab File: BG045921.D
 Acq: 2 Jul 2020 19:24

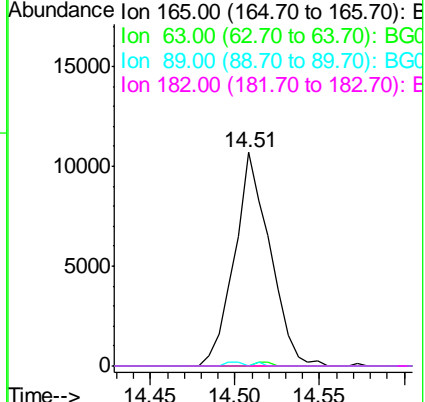
Instrument :
 BNA_G
 ClientSampled :
 TP9-SS

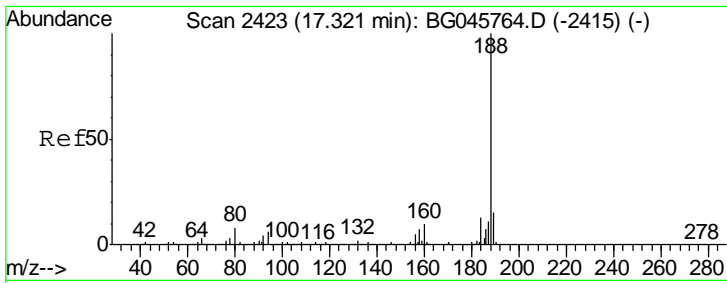
Tgt Ion	Resp	Lower	Upper
139	101		
109	0.0	79.2	119.2#
65	0.0	91.0	131.0#



#57
 2,4-Dinitrotoluene
 Concen: 5.059 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. -0.38 min
 Lab File: BG045921.D
 Acq: 2 Jul 2020 19:24

Tgt Ion	Resp	Lower	Upper
165	15565		
63	0.0	34.5	51.7#
89	0.0	60.8	91.2#
182	0.0	2.3	3.5#

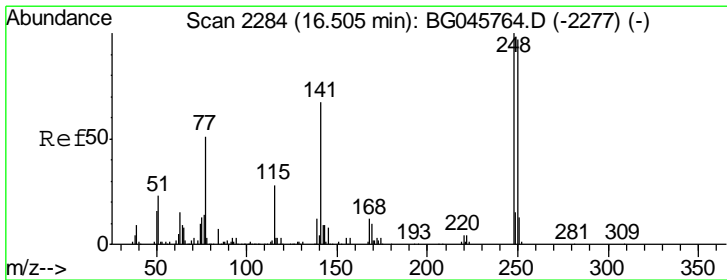
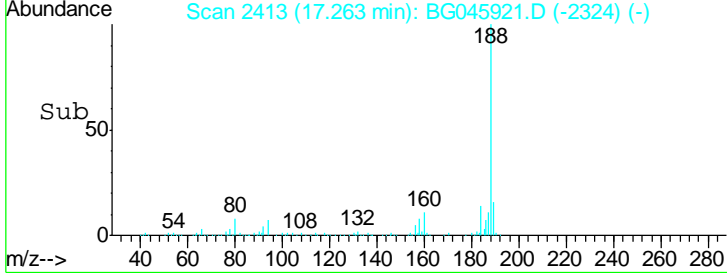
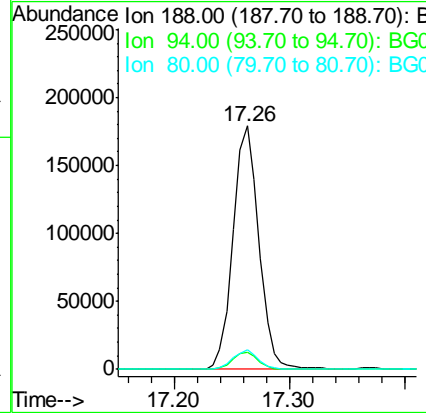
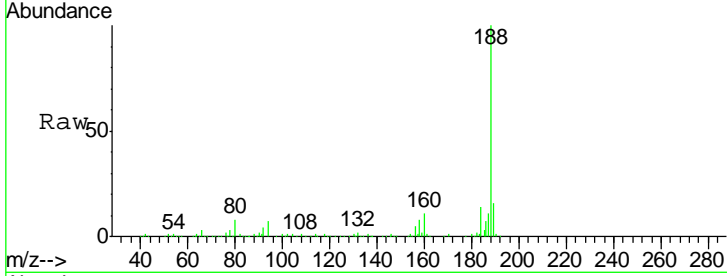




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.26 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG045921.D
 Acq: 2 Jul 2020 19:24

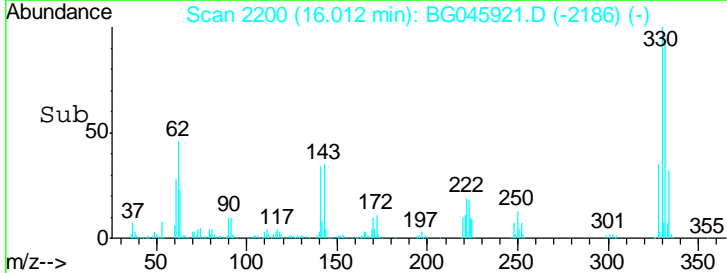
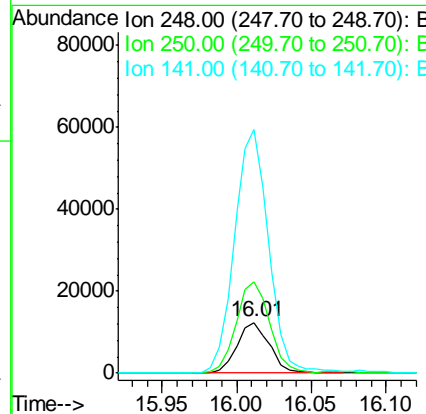
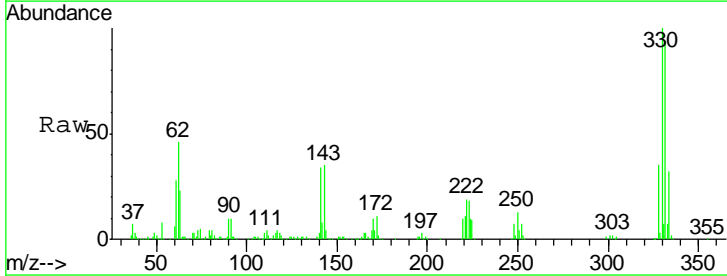
Instrument :
 BNA_G
 ClientSampled :
 TP9-SS

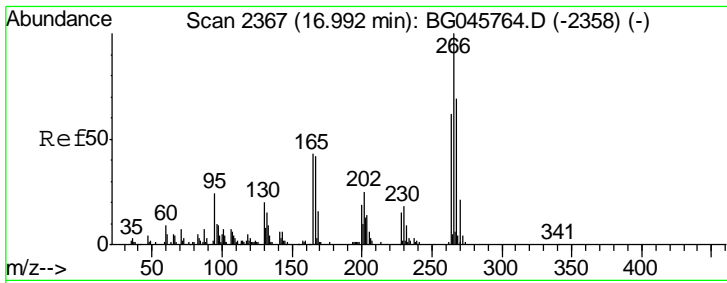
Tgt Ion	Resp	Lower	Upper
188	100		
94	7.0	5.5	8.3
80	8.1	6.1	9.1



#67
 4-Bromophenyl-phenylether
 Concen: 5.184 ng
 RT: 16.01 min Scan# 2200
 Delta R.T. -0.45 min
 Lab File: BG045921.D
 Acq: 2 Jul 2020 19:24

Tgt Ion	Resp	Lower	Upper
248	100		
250	181.4	77.2	115.8#
141	481.7	52.6	79.0#

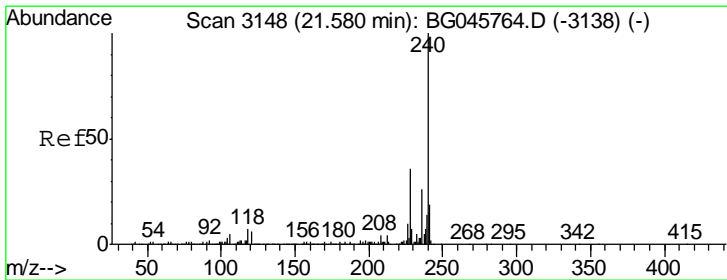
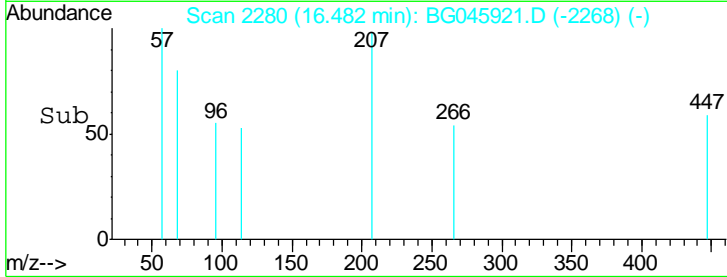
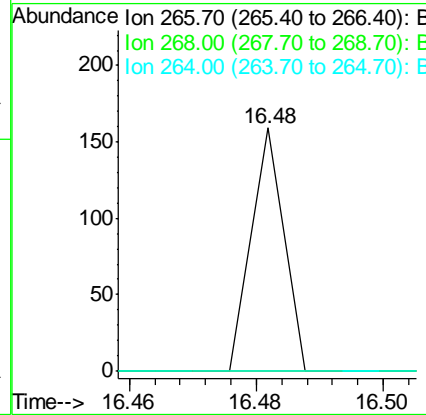
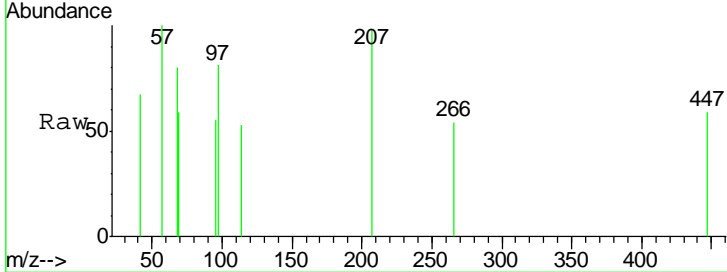




#70
 Pentachlorophenol
 Concen: 7.660 ng
 RT: 16.48 min Scan# 2280
 Delta R.T. -0.46 min
 Lab File: BG045921.D
 Acq: 2 Jul 2020 19:24

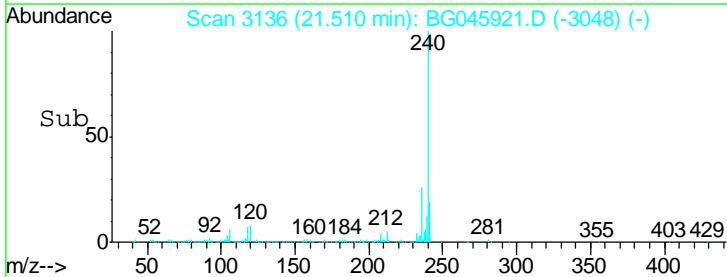
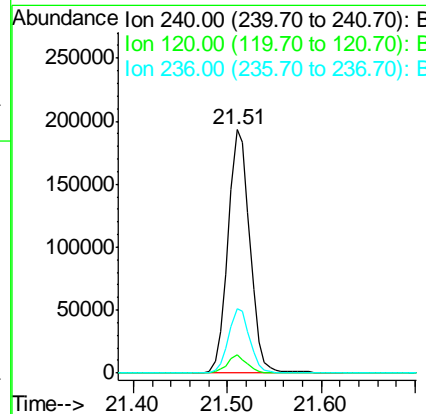
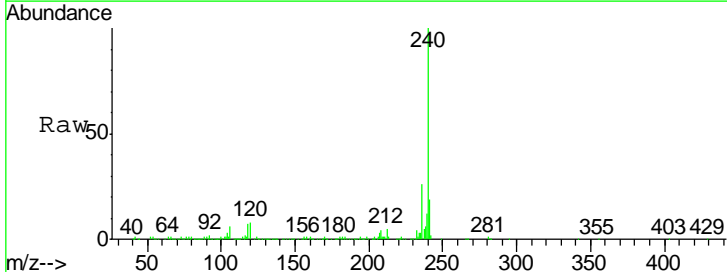
Instrument :
 BNA_G
 ClientSampled :
 TP9-SS

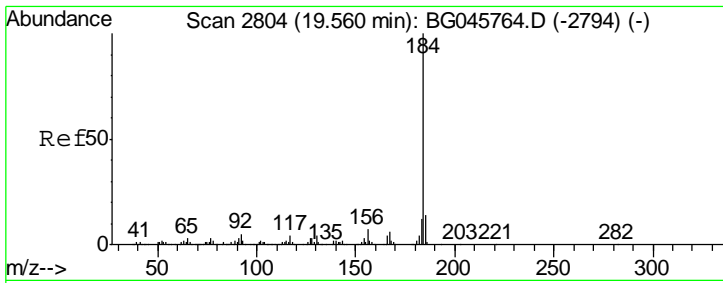
Tgt Ion	Resp	Lower	Upper
266	100		
268	0.0	50.5	75.7#
264	0.0	47.0	70.6#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BG045921.D
 Acq: 2 Jul 2020 19:24

Tgt Ion	Resp	Lower	Upper
240	100		
120	7.7	5.2	7.8
236	26.3	20.8	31.2



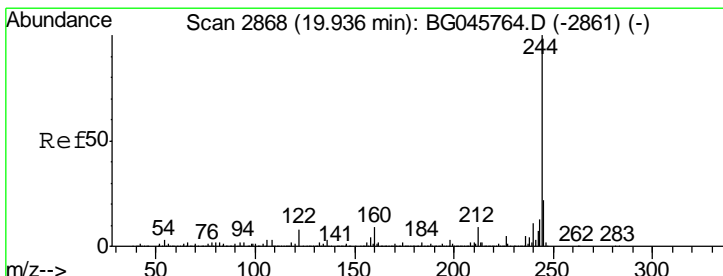
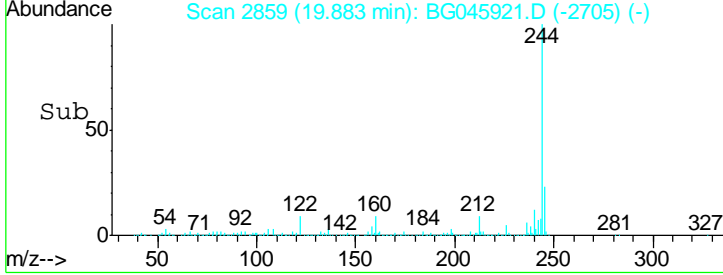
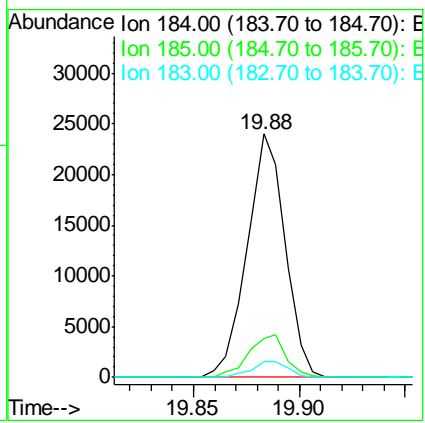
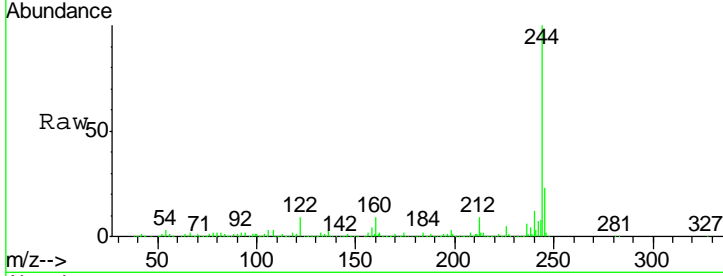


#77
Benzidine
Concen: 3.668 ng
RT: 19.88 min Scan# 2859
Delta R.T. 0.38 min
Lab File: BG045921.D
Acq: 2 Jul 2020 19:24

Instrument :
BNA_G
ClientSampleId :
TP9-SS

Tgt Ion:184 Resp: 29923

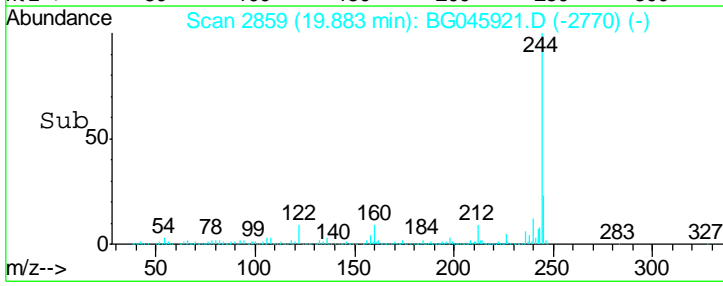
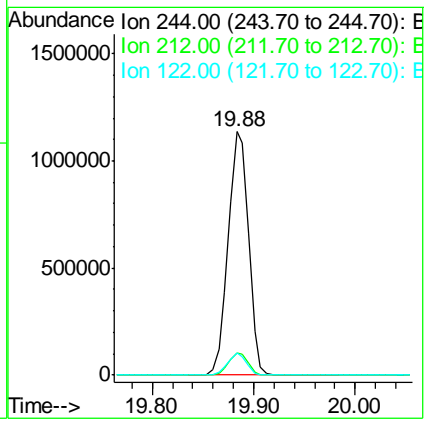
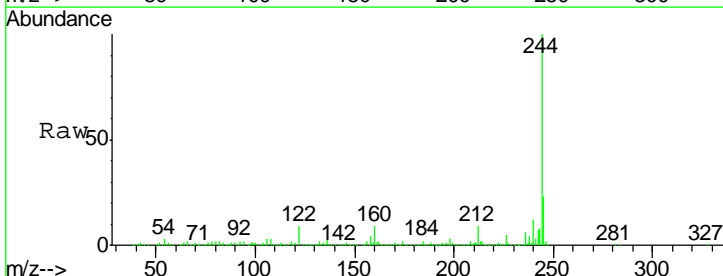
Ion	Ratio	Lower	Upper
184	100		
185	15.9	11.1	16.7
183	6.6	10.6	15.8#

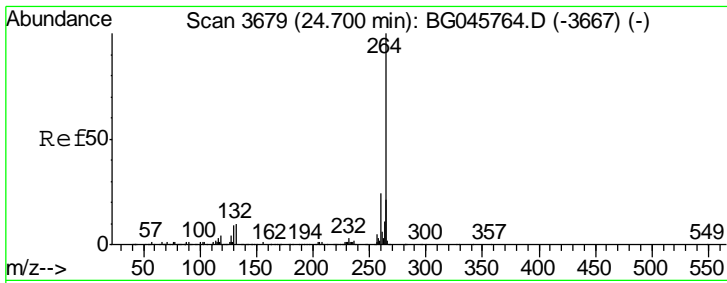


#79
Terphenyl-d14
Concen: 102.618 ng
RT: 19.88 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BG045921.D
Acq: 2 Jul 2020 19:24

Tgt Ion:244 Resp: 1589162

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.6
122	9.0	6.6	9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.59 min Scan# 3661
 Delta R.T. -0.00 min
 Lab File: BG045921.D
 Acq: 2 Jul 2020 19:24

Instrument :
 BNA_G
 ClientSampled :
 TP9-SS

Tot Ion: 264 Resp: 327141

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	23.0	16.4	24.6

