

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031920\
 Data File : BG044910.D
 Acq On : 19 Mar 2020 23:34
 Operator : CG/JU
 Sample : L1978-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7A

Quant Time: Mar 20 01:22:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	72710	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	287295	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	190048	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	462271	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	457045	20.00	ng	-0.02
87) Perylene-d12	24.89	264	520089	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	555066	118.84	ng	0.00
7) Phenol-d6	7.20	99	696567	102.64	ng	0.00
23) Nitrobenzene-d5	9.20	82	563640	86.09	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	372802	149.82	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1170098	88.17	ng	0.00
79) Terphenyl-d14	20.03	244	2047557	83.80	ng	0.00

Target Compounds

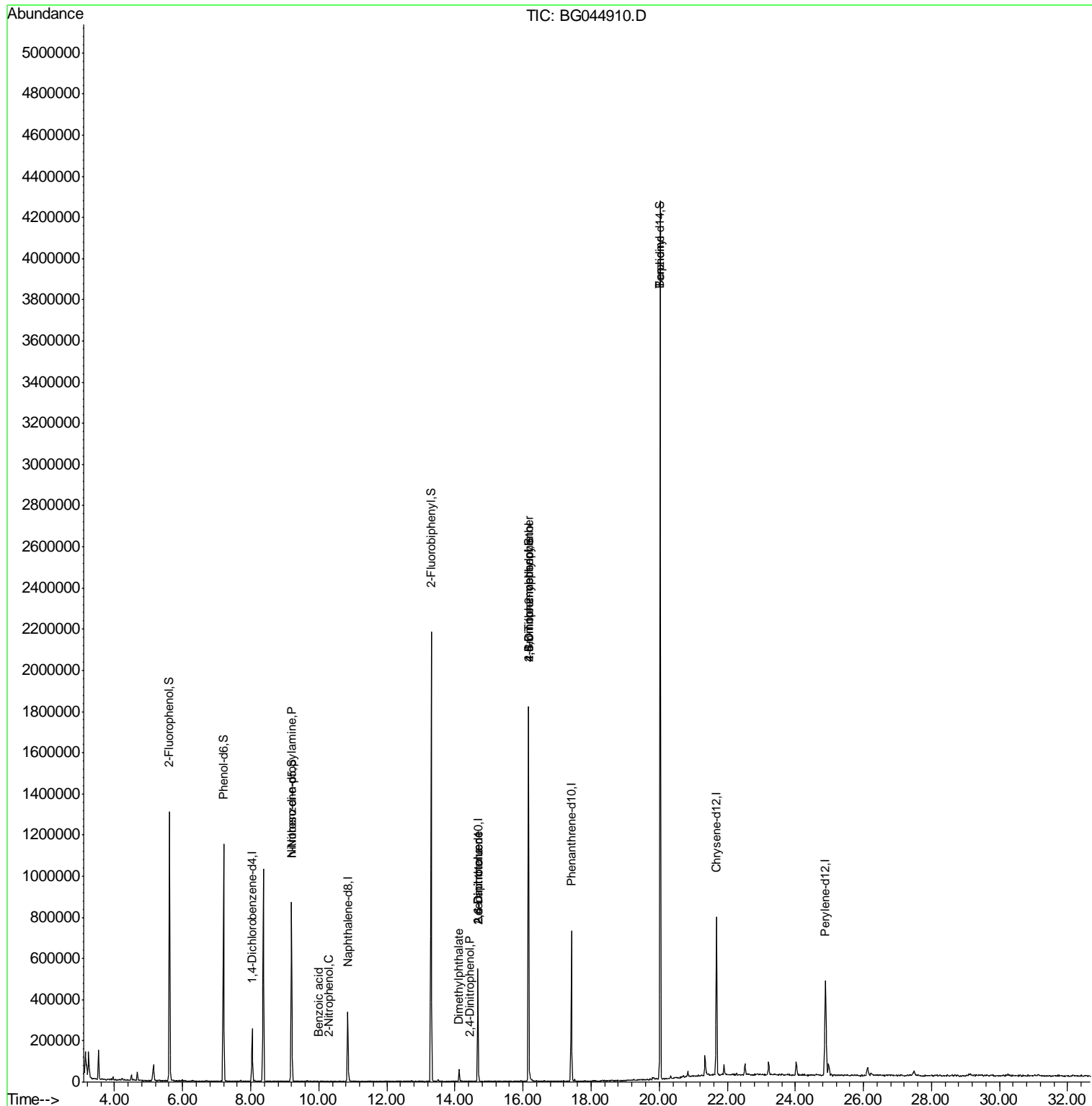
						Qvalue
9) Benzaldehyde	7.20	77	1910	Below Cal	#	30
19) n-Nitroso-di-n-propylamine	9.20	70	76970	16.06	ng	# 74
26) 2-Nitrophenol	10.29	139	109	5.56	ng	# 28
32) Benzoic acid	9.99	122	65	9.69	ng	# 1
50) Dimethylphthalate	14.12	163	43914	2.90	ng	# 95
51) 2,6-Dinitrotoluene	14.67	165	25709	8.43	ng	# 22
54) 2,4-Dinitrophenol	14.45	184	57	8.35	ng	# 21
57) 2,4-Dinitrotoluene	14.67	165	25709	6.14	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.16	198	1498	8.31	ng	# 42
67) 4-Bromophenyl-phenylether	16.16	248	26240	4.54	ng	# 1
77) Benzidine	20.03	184	40766	2.75	ng	# 89

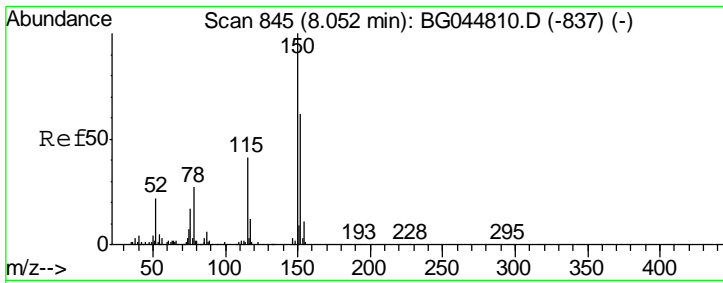
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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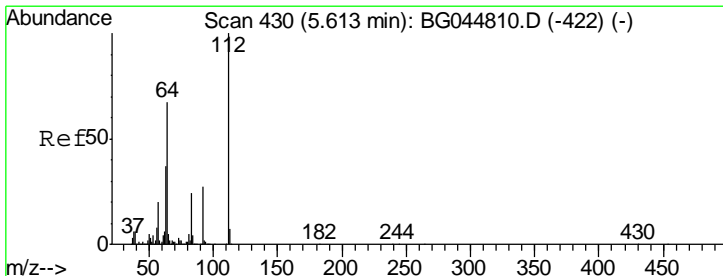
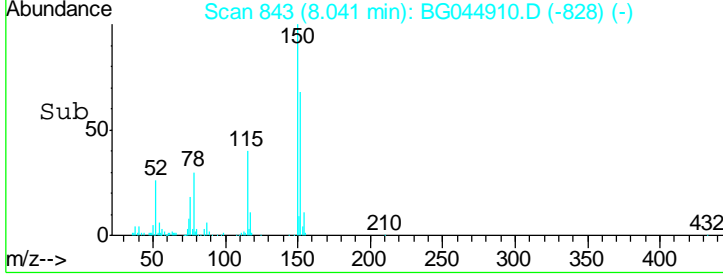
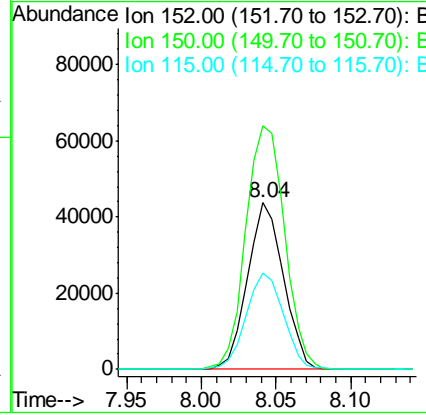
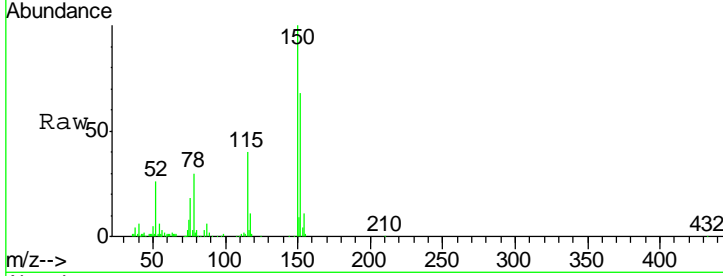




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG044910.D
 Acq: 19 Mar 2020 23:34

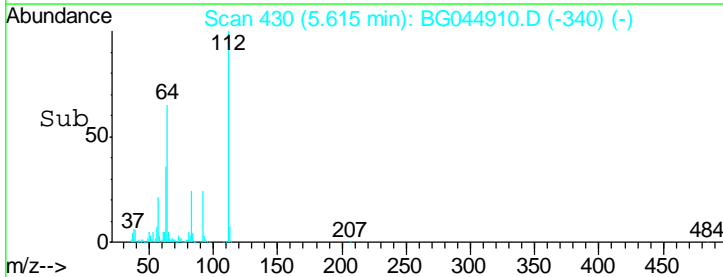
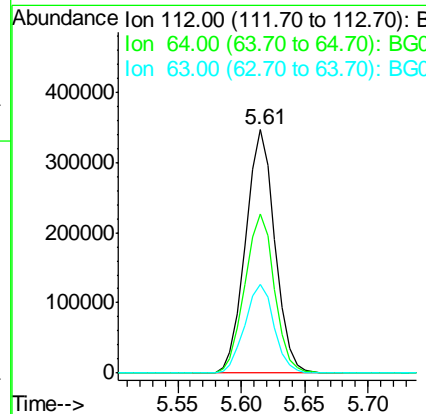
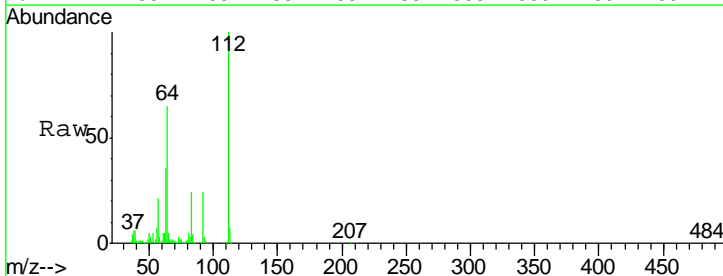
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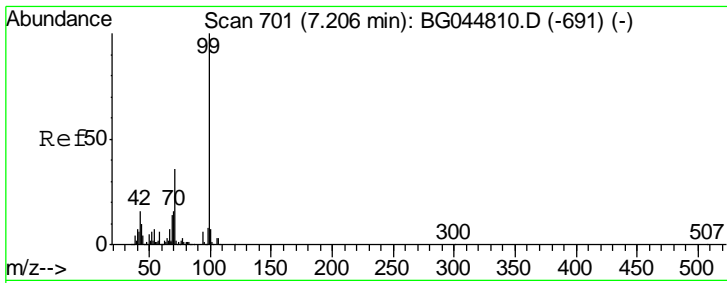
Tgt Ion	Resp	Lower	Upper
152	72710		
150	146.1	128.8	193.2
115	57.9	52.6	79.0



#5
 2-Fluorophenol
 Concen: 118.84 ng
 RT: 5.61 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: BG044910.D
 Acq: 19 Mar 2020 23:34

Tgt Ion	Resp	Lower	Upper
112	555066		
64	65.3	53.4	80.2
63	36.4	29.4	44.2

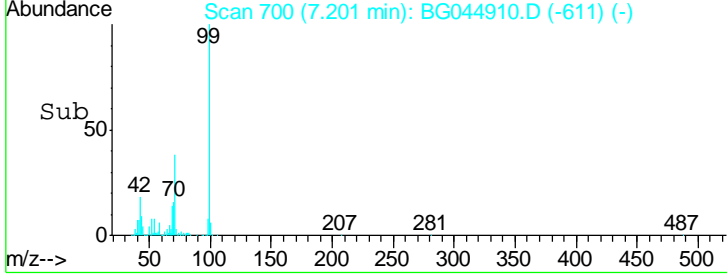
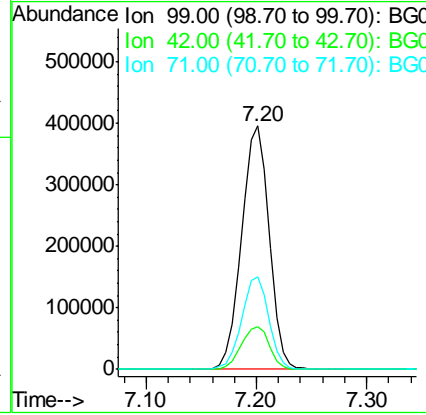
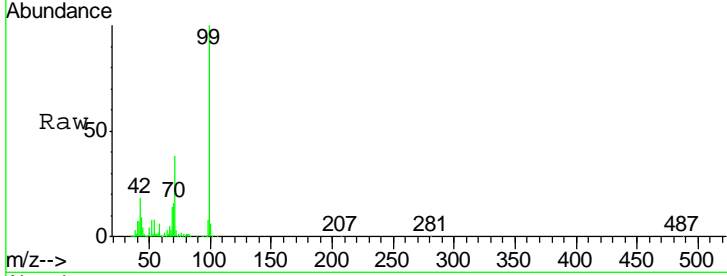




#7
 Phenol-d6
 Concen: 102.64 ng
 RT: 7.20 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BG044910.D
 Acq: 19 Mar 2020 23:34

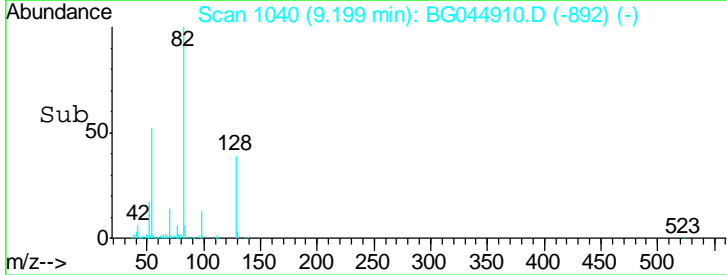
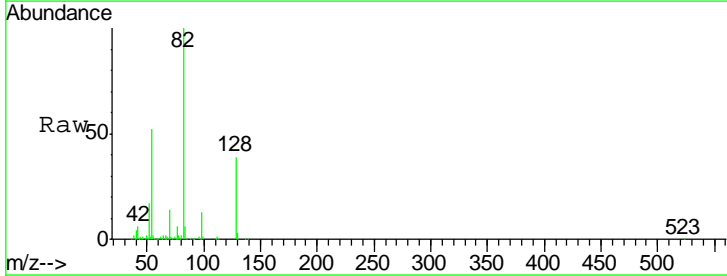
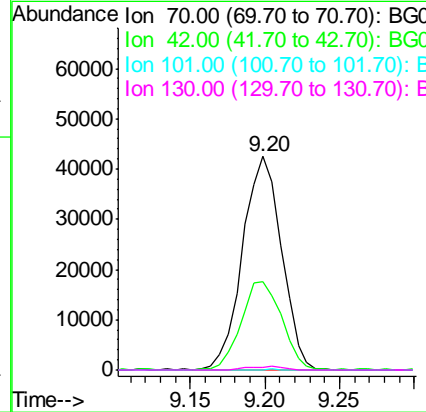
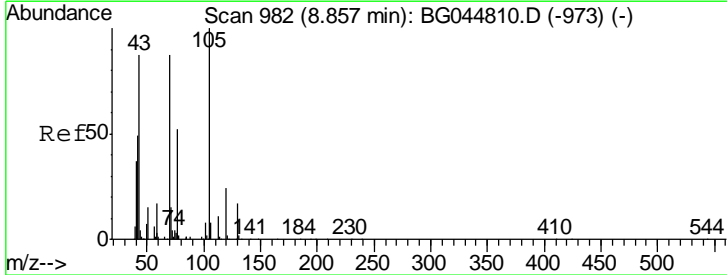
Instrument :
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 ClientSampled :
 TP-7A

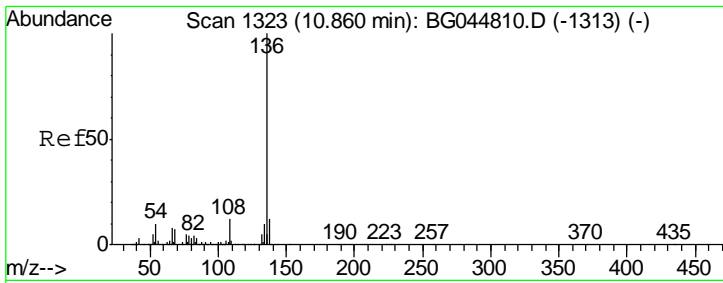
Tgt Ion	Resp	Lower	Upper
99	100		
42	17.6	12.6	19.0
71	38.0	29.0	43.4



#19
 n-Nitroso-di-n-propylamine
 Concen: 16.06 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. 0.34 min
 Lab File: BG044910.D
 Acq: 19 Mar 2020 23:34

Tgt Ion	Resp	Lower	Upper
70	100		
42	41.4	45.7	68.5#
101	0.0	7.4	11.2#
130	1.2	15.9	23.9#

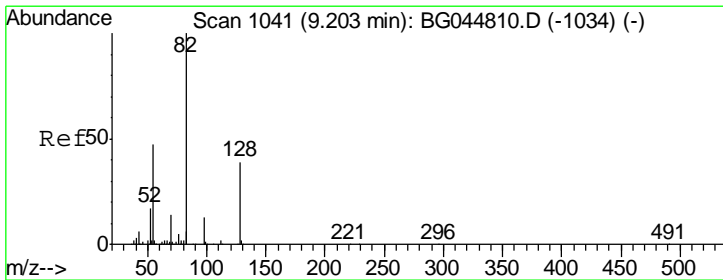
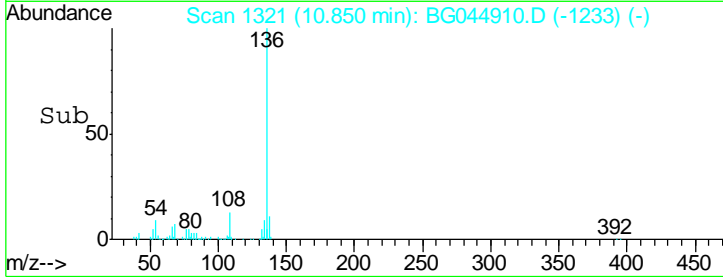
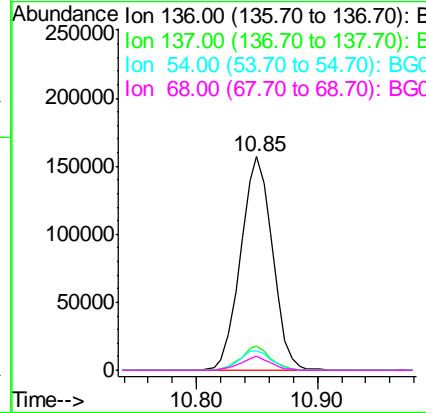
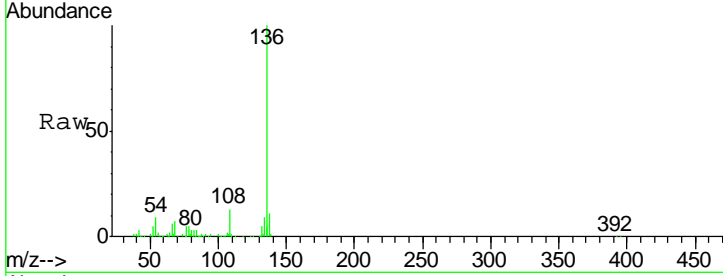




#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.85 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BG044910.D
 Acq: 19 Mar 2020 23:34

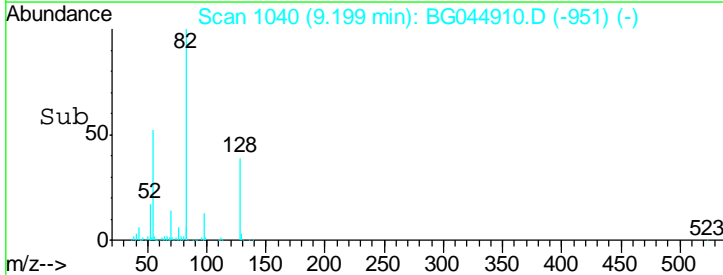
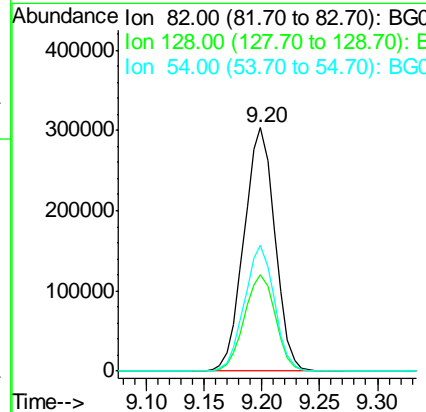
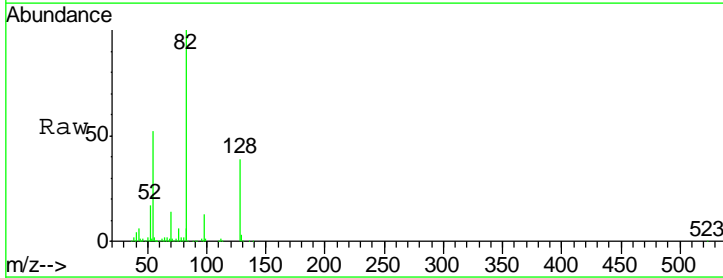
Instrument :
 BNA_G
 ClientSampled :
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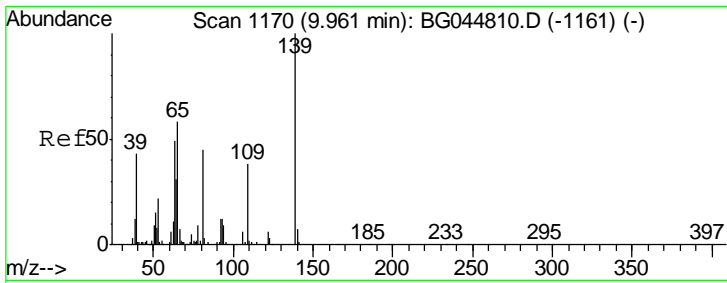
Tgt Ion	Resp	Lower	Upper
136	287295		
137	11.5	9.8	14.6
54	9.0	7.9	11.9
68	6.6	5.4	8.0



#23
 Nitrobenzene-d5
 Concen: 86.09 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044910.D
 Acq: 19 Mar 2020 23:34

Tgt Ion	Resp	Lower	Upper
82	563640		
128	39.3	30.6	46.0
54	51.6	37.1	55.7

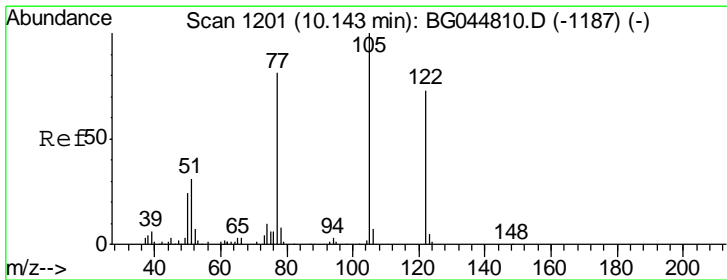
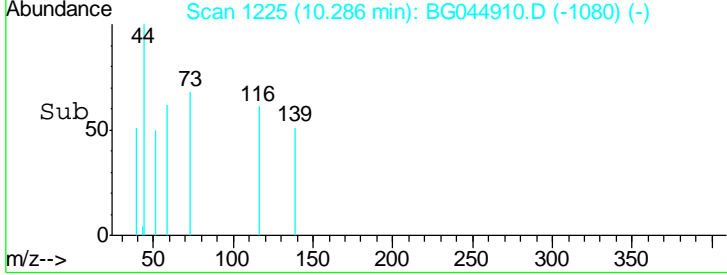
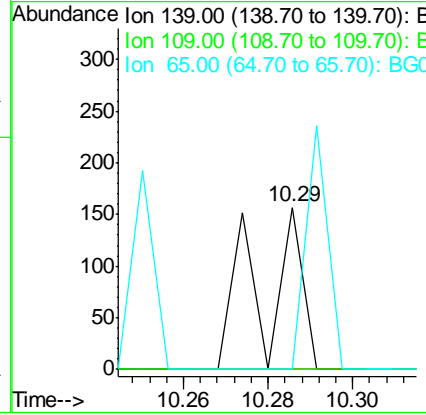
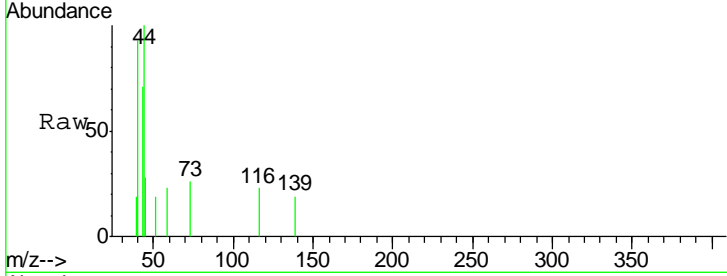




#26
 2-Nitrophenol
 Concen: 5.56 ng
 RT: 10.29 min Scan# 1225
 Delta R.T. 0.32 min
 Lab File: BG044910.D
 Acq: 19 Mar 2020 23:34

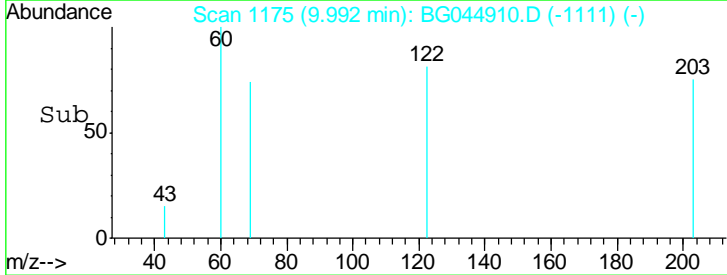
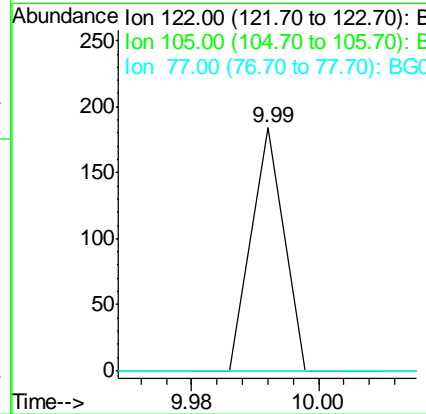
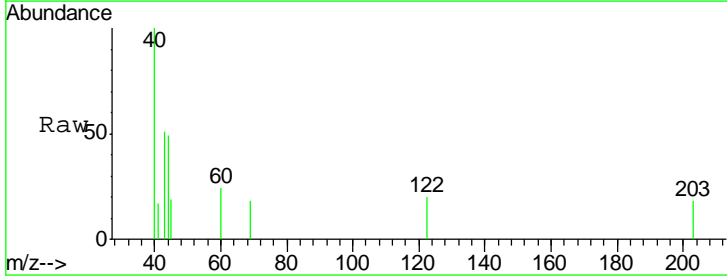
Instrument :
 BNA_G
 ClientSampled :
 TP-7A

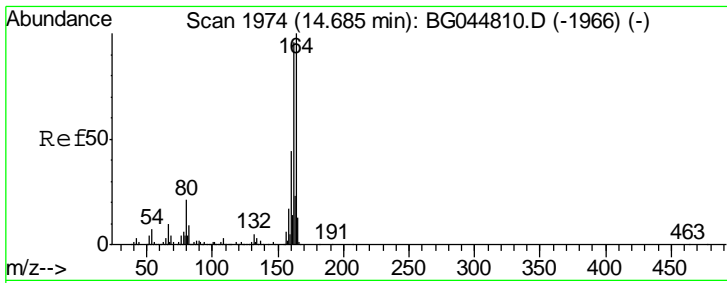
Tgt Ion	Resp	Lower	Upper
139	100		
109	0.0	30.2	45.4#
65	0.0	46.3	69.5#



#32
 Benzoic acid
 Concen: 9.69 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.15 min
 Lab File: BG044910.D
 Acq: 19 Mar 2020 23:34

Tgt Ion	Resp	Lower	Upper
122	100		
105	0.0	109.1	149.1#
77	0.0	85.3	125.3#

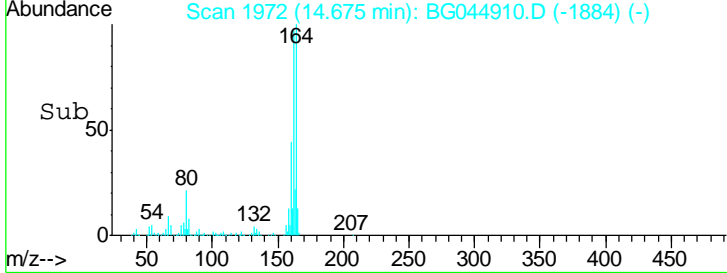
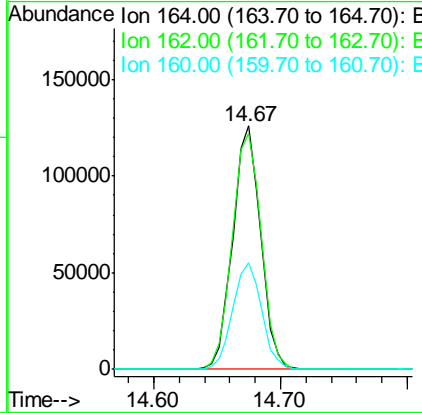
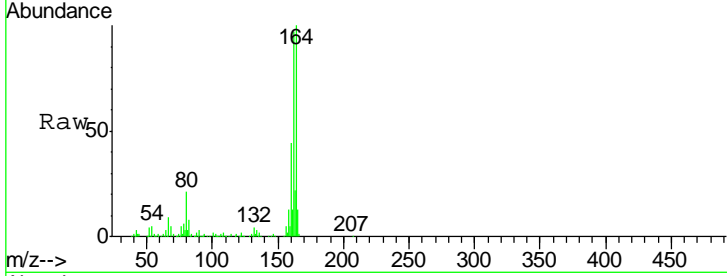




#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG044910.D
 Acq: 19 Mar 2020 23:34

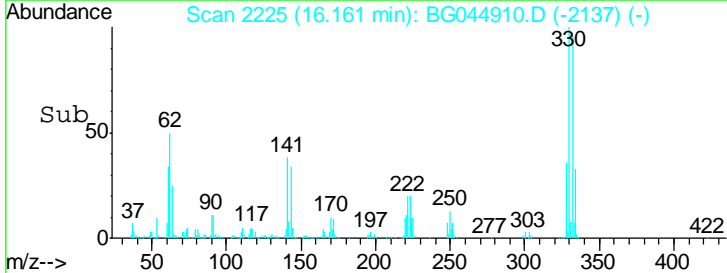
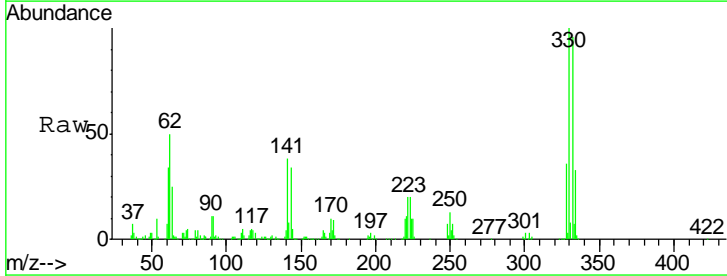
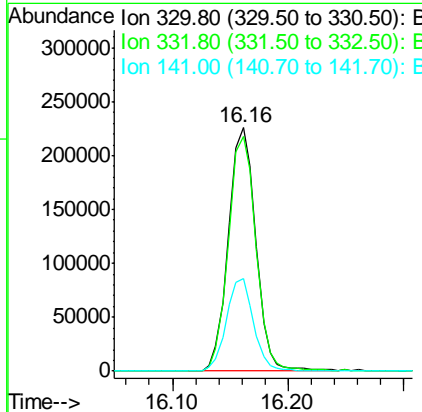
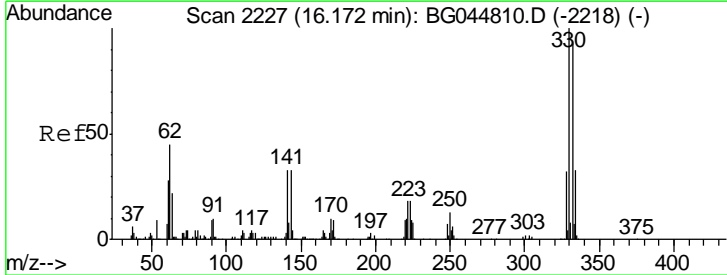
Instrument :
 BNA_G
 ClientSampled :
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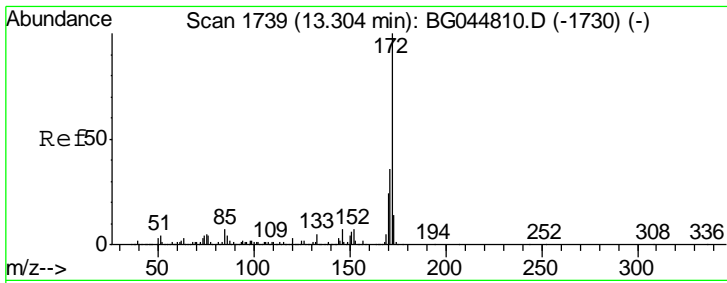
Tgt Ion	Resp	Lower	Upper
164	190048		
162	96.7	76.7	115.1
160	44.1	35.0	52.4



#42
 2,4,6-Tribromophenol
 Concen: 149.82 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG044910.D
 Acq: 19 Mar 2020 23:34

Tgt Ion	Resp	Lower	Upper
330	372802		
332	97.2	77.8	116.6
141	37.4	29.5	44.3

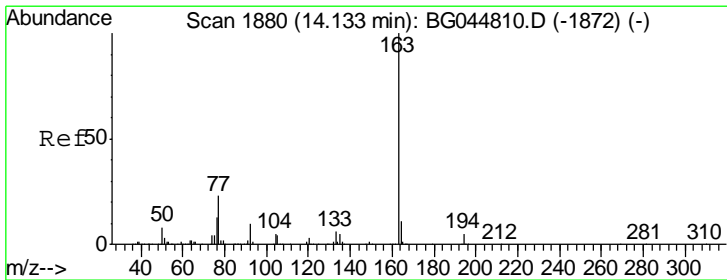
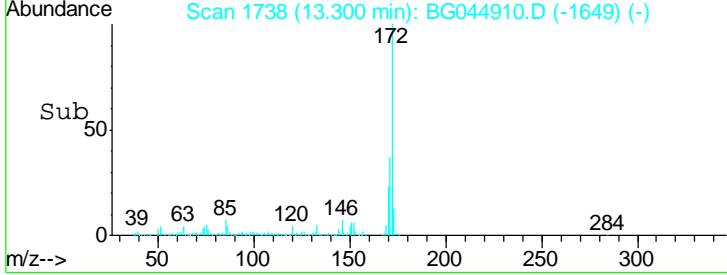
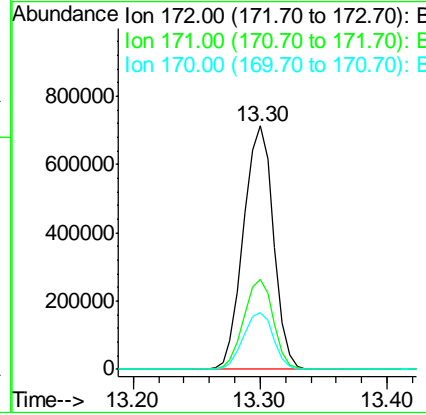
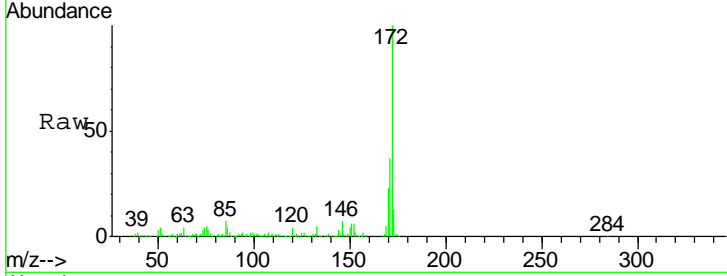




#45
 2-Fluorobiphenyl
 Concen: 88.17 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG044910.D
 Acq: 19 Mar 2020 23:34

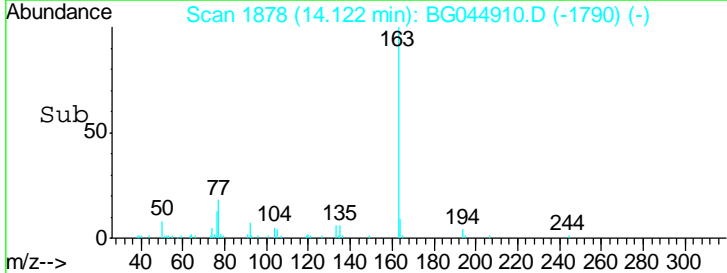
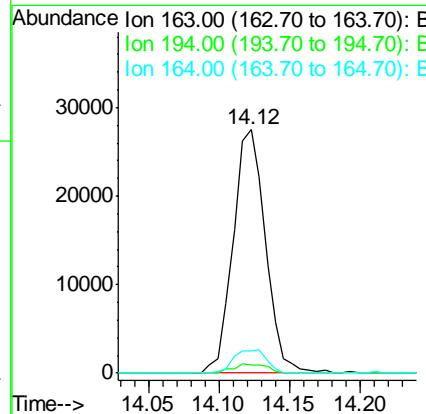
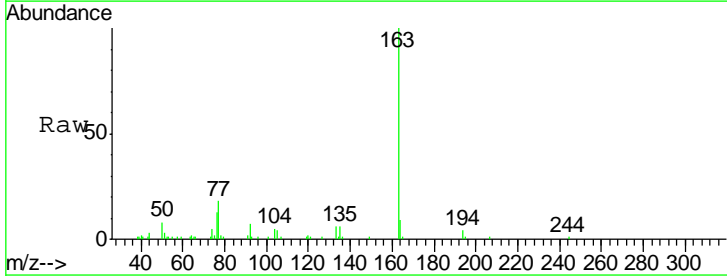
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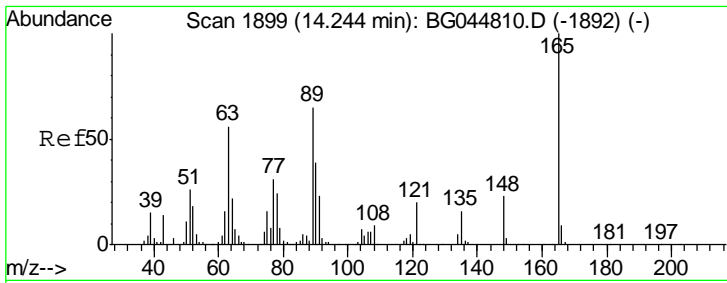
Tgt Ion	Resp	Lower	Upper
172	1170098		
171	37.2	28.7	43.1
170	23.4	19.0	28.6



#50
 Dimethylphthalate
 Concen: 2.90 ng
 RT: 14.12 min Scan# 1878
 Delta R.T. -0.01 min
 Lab File: BG044910.D
 Acq: 19 Mar 2020 23:34

Tgt Ion	Resp	Lower	Upper
163	43914		
194	3.5	3.7	5.5#
164	9.3	9.1	13.7

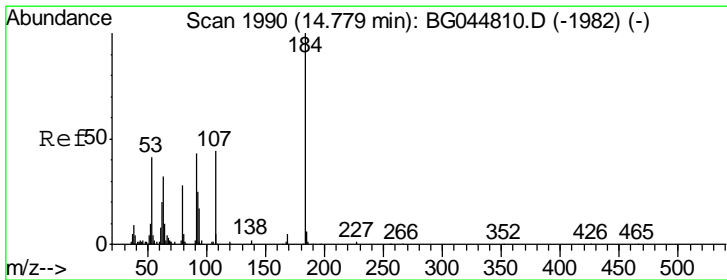
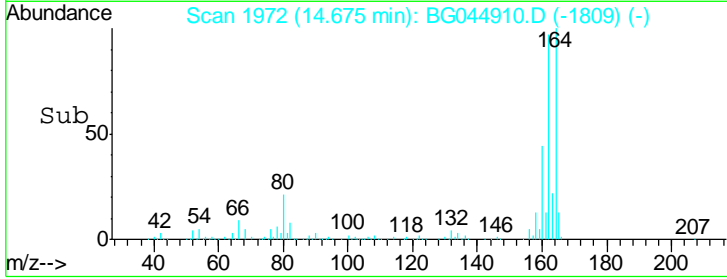
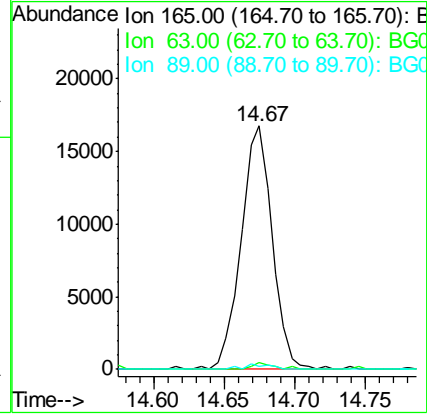
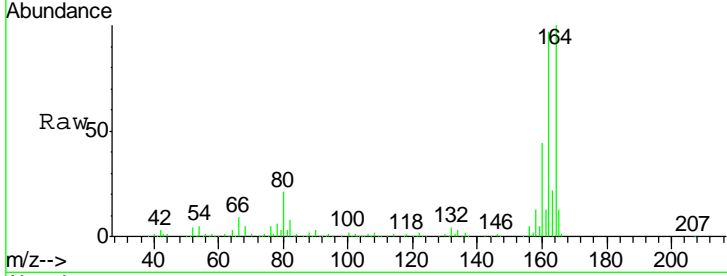




#51
 2,6-Dinitrotoluene
 Concen: 8.43 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. 0.43 min
 Lab File: BG044910.D
 Acq: 19 Mar 2020 23:34

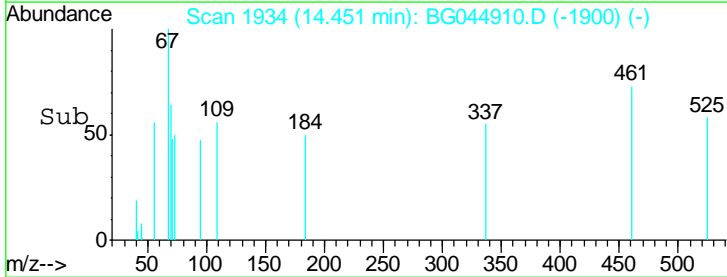
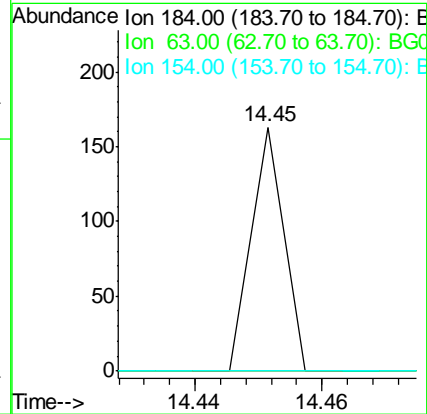
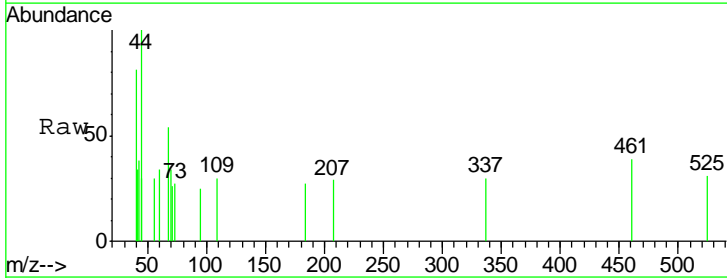
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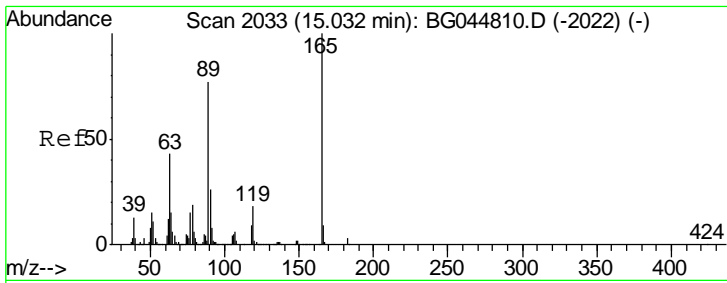
Tgt Ion	Resp	Lower	Upper
165	100		
63	2.6	45.8	68.8#
89	1.3	51.8	77.6#



#54
 2,4-Dinitrophenol
 Concen: 8.35 ng
 RT: 14.45 min Scan# 1934
 Delta R.T. -0.33 min
 Lab File: BG044910.D
 Acq: 19 Mar 2020 23:34

Tgt Ion	Resp	Lower	Upper
184	100		
63	0.0	45.5	68.3#
154	0.0	49.1	73.7#

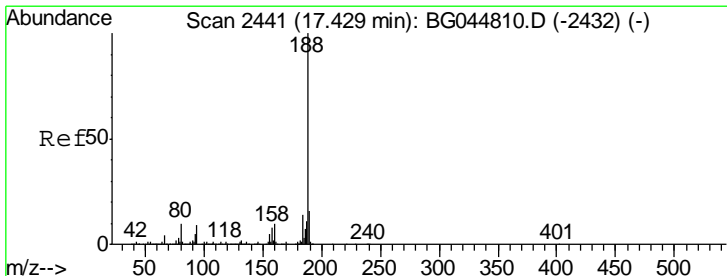
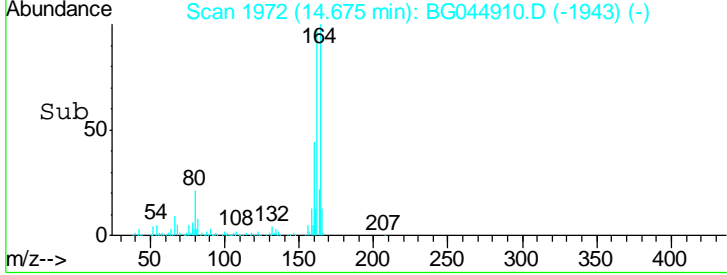
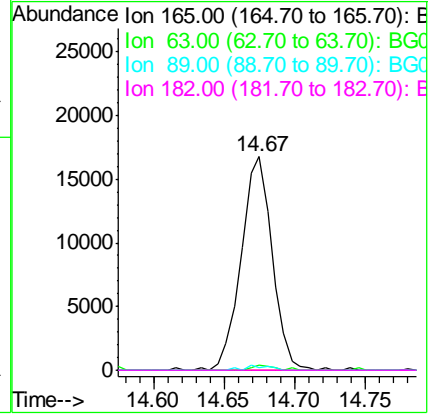
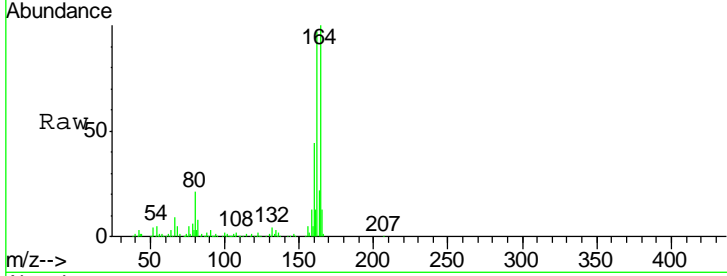




#57
 2,4-Dinitrotoluene
 Concen: 6.14 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.36 min
 Lab File: BG044910.D
 Acq: 19 Mar 2020 23:34

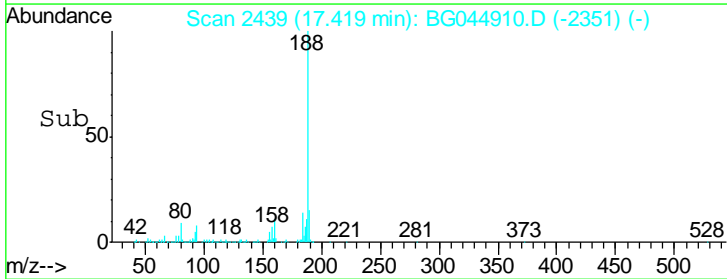
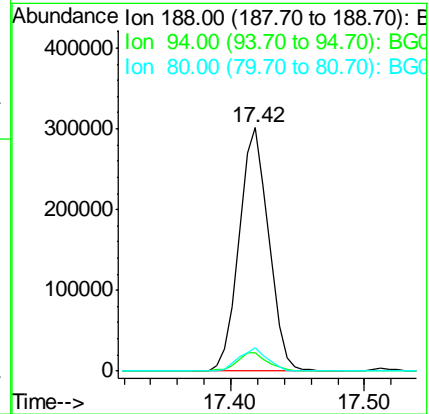
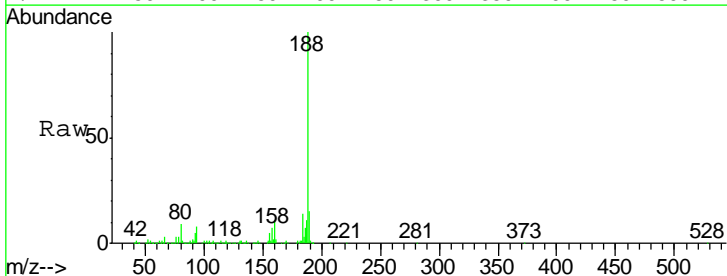
Instrument :
 BNA_G
 ClientSampled :
 TP-7A

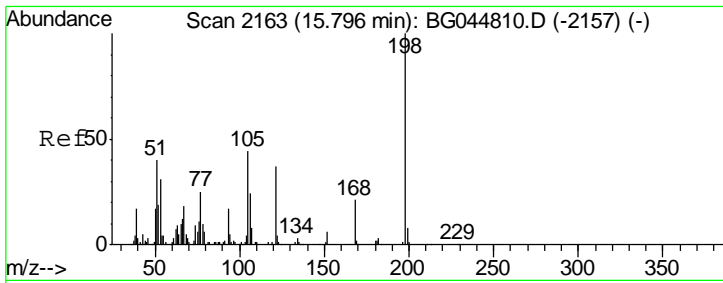
Tgt Ion	Resp	Lower	Upper
165	100		
63	2.6	34.6	52.0#
89	1.3	61.3	91.9#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.01 min
 Lab File: BG044910.D
 Acq: 19 Mar 2020 23:34

Tgt Ion	Resp	Lower	Upper
188	100		
94	7.7	7.3	10.9
80	9.5	8.0	12.0

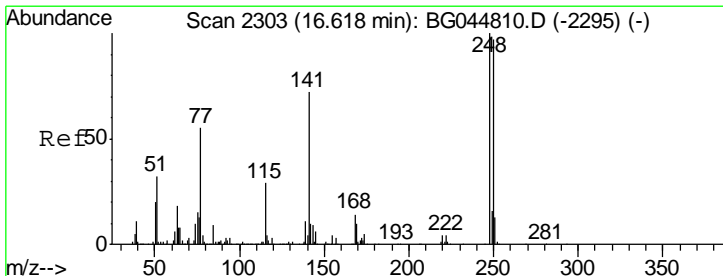
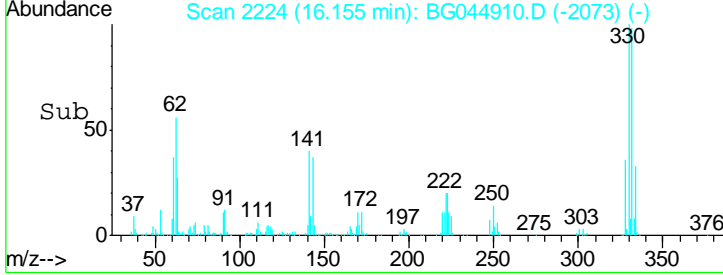
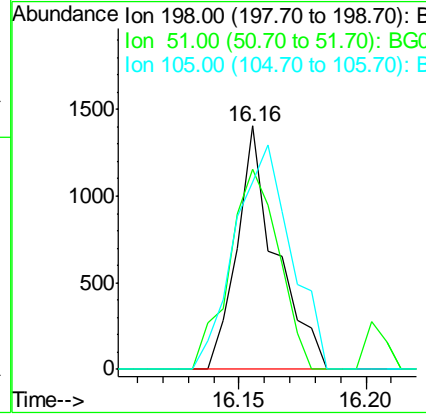
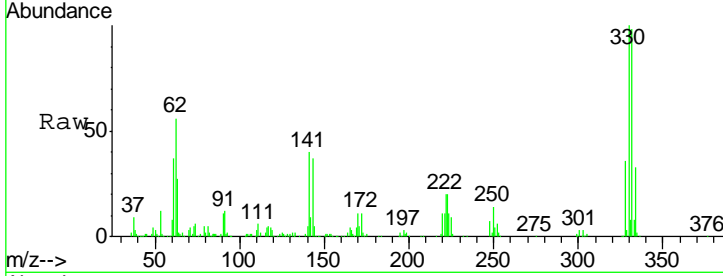




#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.31 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. 0.36 min
 Lab File: BG044910.D
 Acq: 19 Mar 2020 23:34

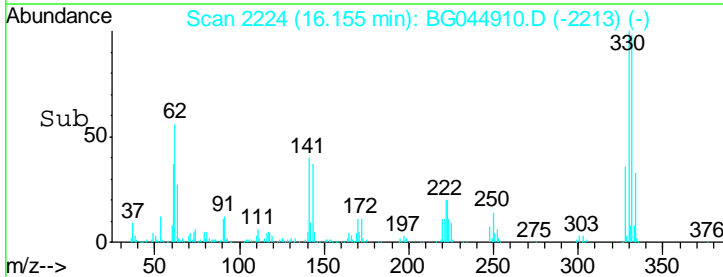
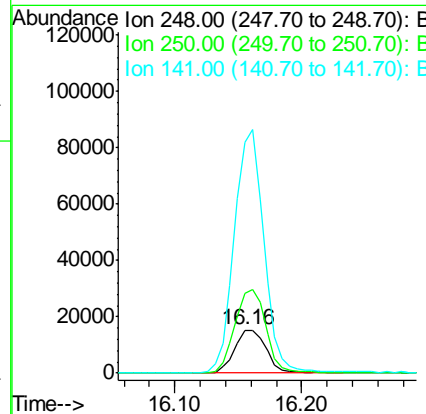
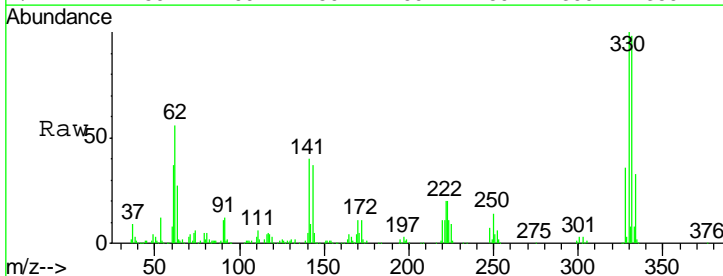
Instrument :
 BNA_G
 ClientSampled :
 TP-7A

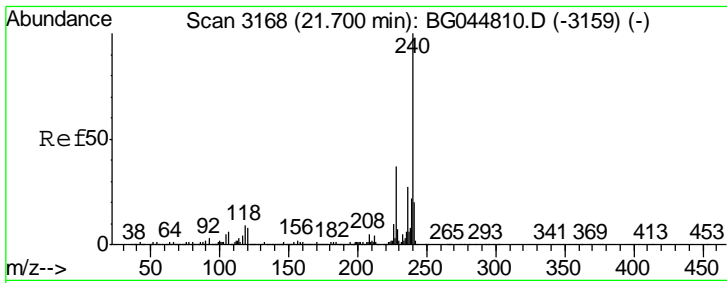
Tgt Ion	Resp	Lower	Upper
198	100		
51	82.4	21.1	61.1#
105	77.0	24.5	64.5#



#67
 4-Bromophenyl-phenylether
 Concen: 4.54 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.46 min
 Lab File: BG044910.D
 Acq: 19 Mar 2020 23:34

Tgt Ion	Resp	Lower	Upper
248	100		
250	186.6	77.9	116.9#
141	538.9	57.5	86.3#

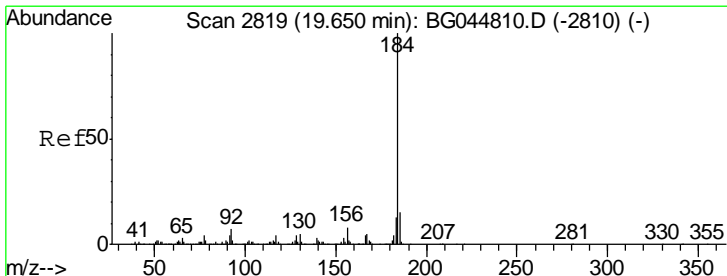
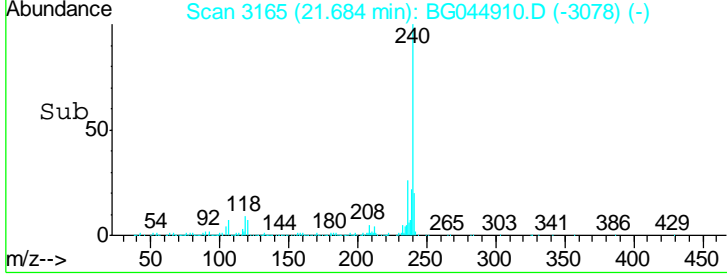
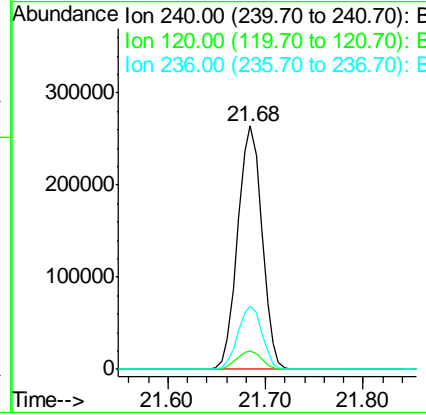
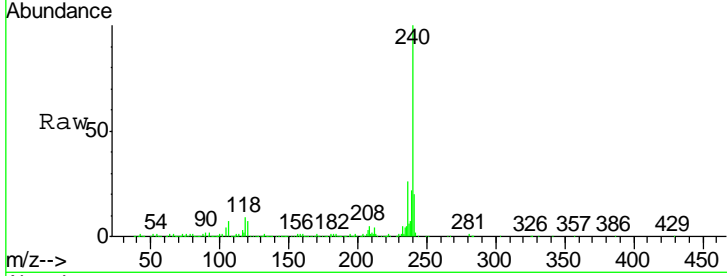




#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.02 min
 Lab File: BG044910.D
 Acq: 19 Mar 2020 23:34

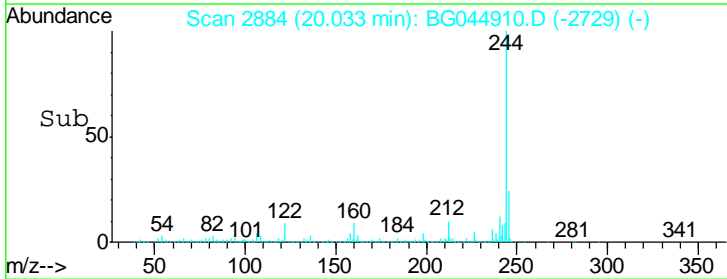
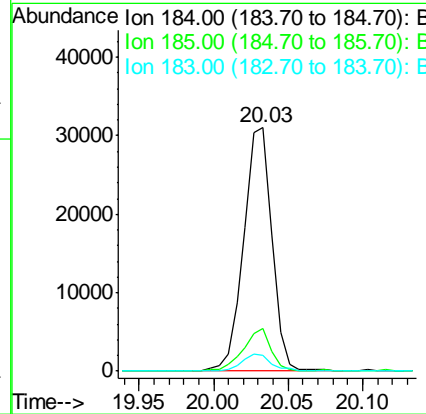
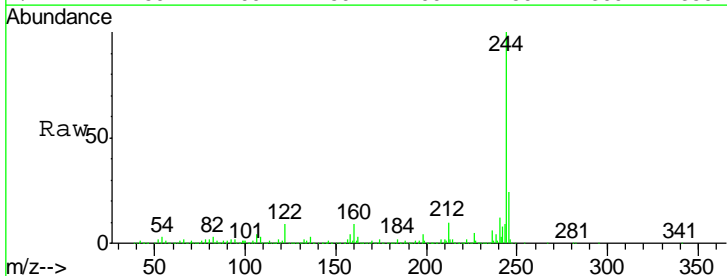
Instrument :
 BNA_G
 ClientSampled :
 TP-7A

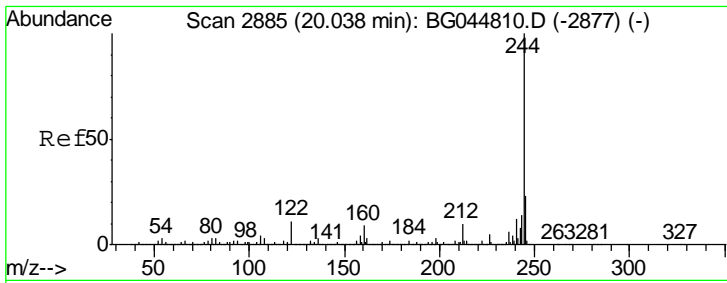
Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.7	10.1
236	25.8	21.5	32.3



#77
 Benzidine
 Concen: 2.75 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. 0.38 min
 Lab File: BG044910.D
 Acq: 19 Mar 2020 23:34

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.3	12.2	18.4
183	6.5	10.7	16.1#

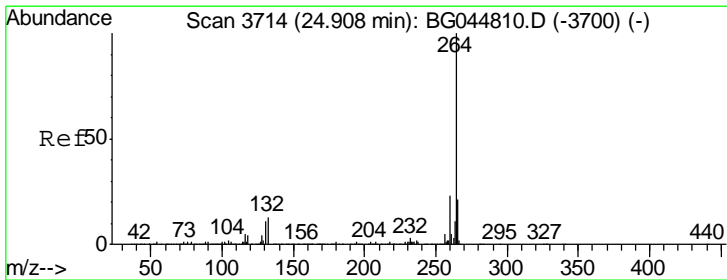
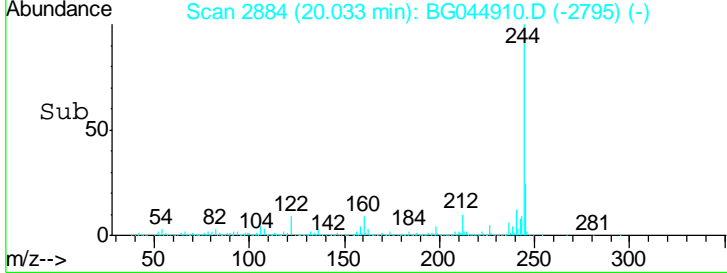
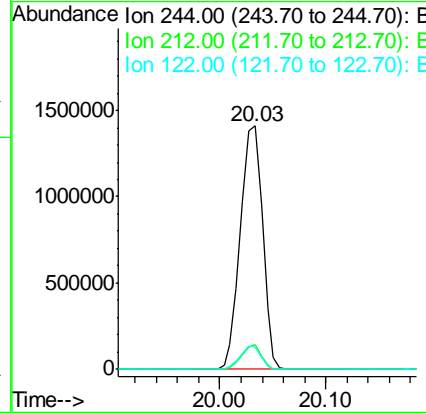
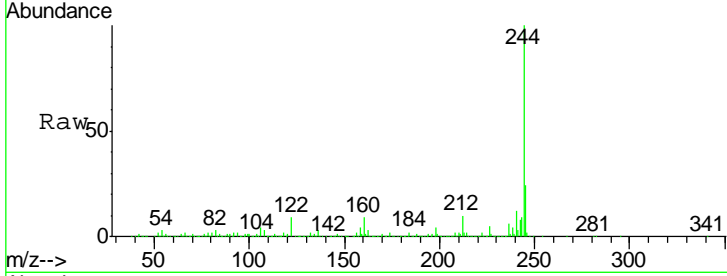




#79
 Terphenyl-d14
 Concen: 83.80 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. -0.00 min
 Lab File: BG044910.D
 Acq: 19 Mar 2020 23:34

Instrument :
 BNA_G
 ClientSampled :
 TP-7A

Tgt Ion	Resp	Lower	Upper
244	100		
212	10.0	7.7	11.5
122	9.2	8.6	12.8



#87
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.89 min Scan# 3710
 Delta R.T. -0.02 min
 Lab File: BG044910.D
 Acq: 19 Mar 2020 23:34

Tgt Ion	Resp	Lower	Upper
264	100		
260	23.0	18.1	27.1
265	22.4	17.1	25.7

