

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012519\
 Data File : BG039302.D
 Acq On : 26 Jan 2019 8:27
 Operator : JU/SJ
 Sample : K1229-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 012319-TIPC-F-D-B

Quant Time: Jan 28 03:17:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

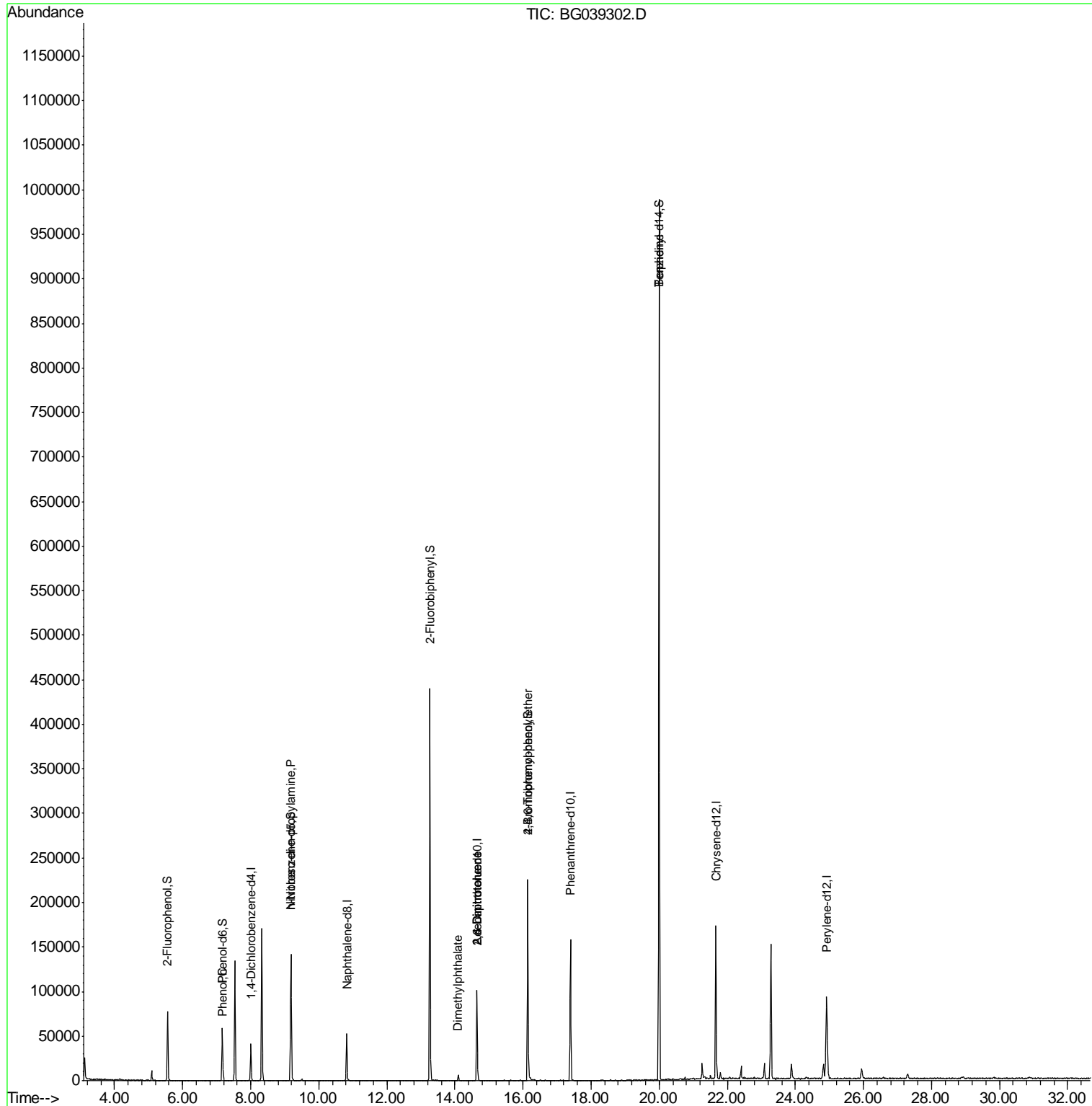
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	13075	20.00	ng	-0.02
21) Naphthalene-d8	10.82	136	51069	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	38194	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	102933	20.00	ng	0.00
76) Chrysene-d12	21.67	240	118662	20.00	ng	-0.02
87) Perylene-d12	24.92	264	119227	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	37129	53.87	ng	0.00
7) Phenol-d6	7.17	99	37259	37.56	ng	0.00
23) Nitrobenzene-d5	9.18	82	86364	92.54	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	54010	84.36	ng	-0.02
45) 2-Fluorobiphenyl	13.26	172	246699	88.40	ng	0.00
79) Terphenyl-d14	20.00	244	502244	78.30	ng	0.00
Target Compounds						
10) Phenol	7.19	94	2462	2.476	ng	91
19) n-Nitroso-di-n-propylamine	9.18	70	11633	17.859	ng	# 67
50) Dimethylphthalate	14.10	163	6718	2.081	ng	# 94
51) 2,6-Dinitrotoluene	14.65	165	5084	7.045	ng	# 24
57) 2,4-Dinitrotoluene	14.65	165	5084	4.911	ng	# 26
67) 4-Bromophenyl-phenylether	16.13	248	3224	2.437	ng	# 1
77) Benzidine	20.00	184	7747	2.135	ng	# 90

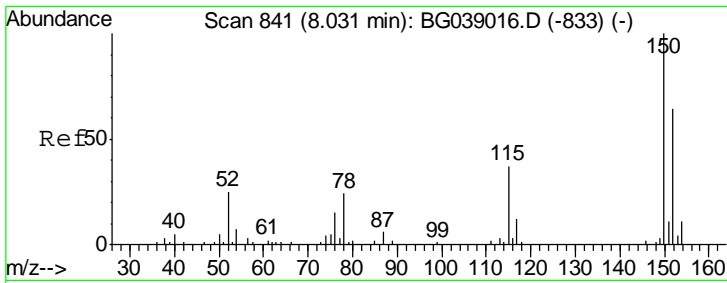
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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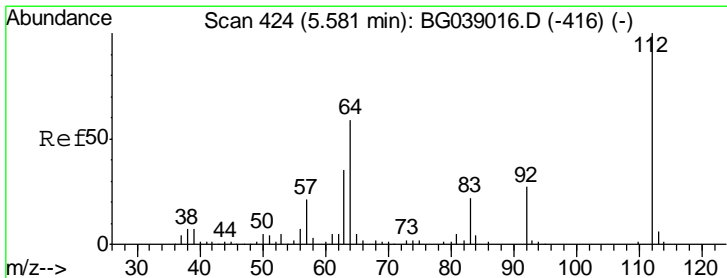
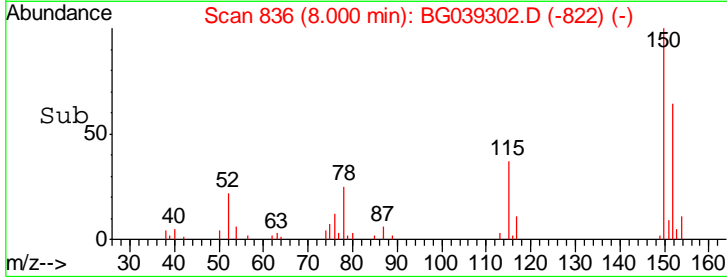
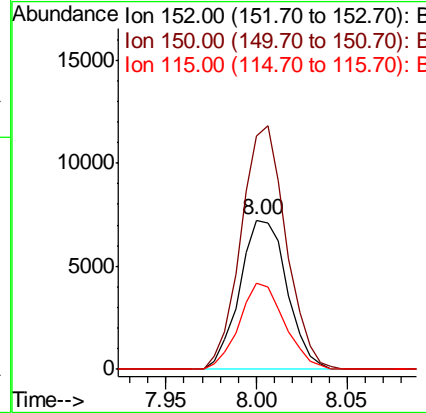
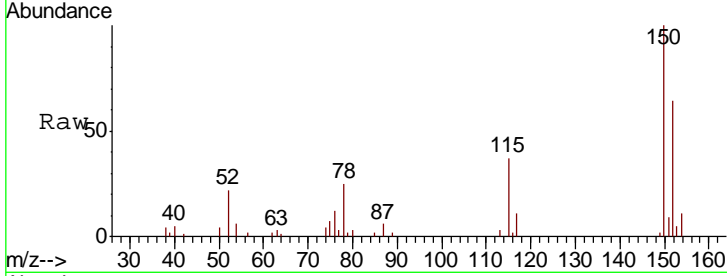




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BG039302.D
 Acq: 26 Jan 2019 8:27

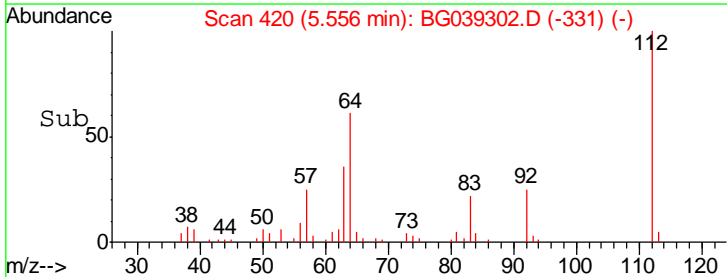
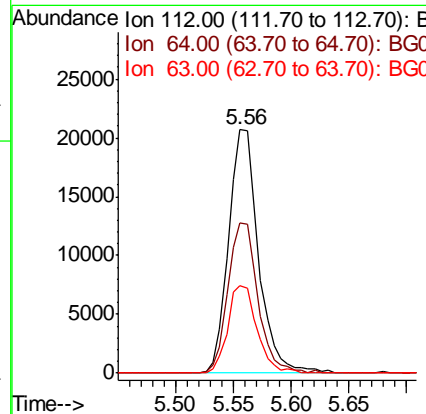
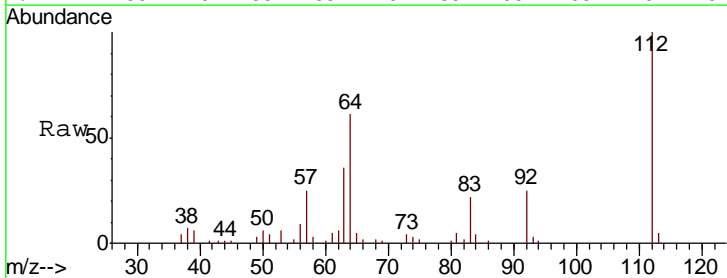
Instrument :
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ClientSampleId :
 012319-TIPC-F-D-B

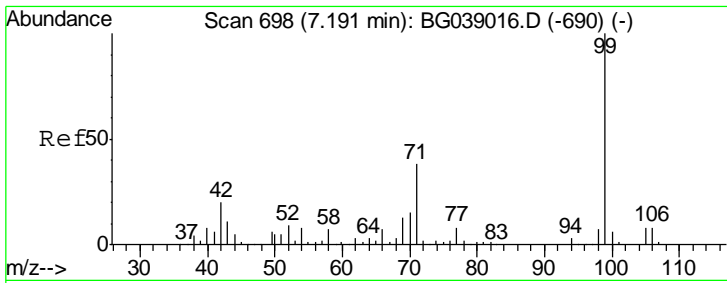
Tgt Ion	Resp	Lower	Upper
152	13075		
150	157.2	124.7	187.1
115	57.8	46.5	69.7



#5
 2-Fluorophenol
 Concen: 53.869 ng
 RT: 5.56 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BG039302.D
 Acq: 26 Jan 2019 8:27

Tgt Ion	Resp	Lower	Upper
112	37129		
64	61.5	47.0	70.6
63	36.0	28.0	42.0

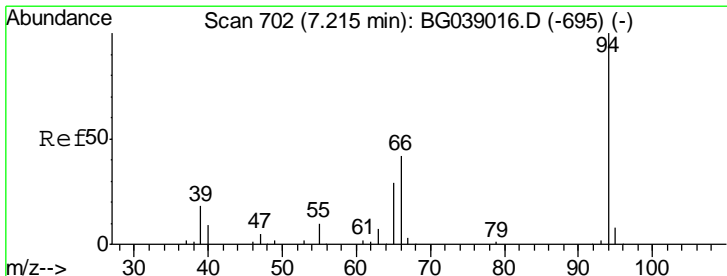
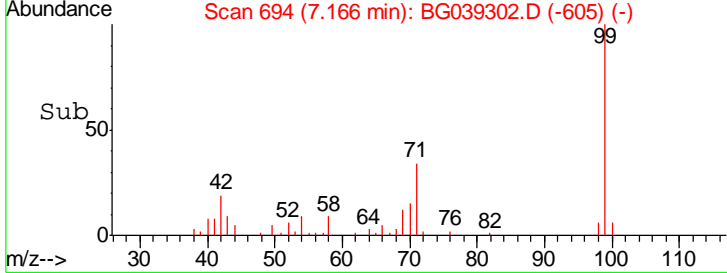
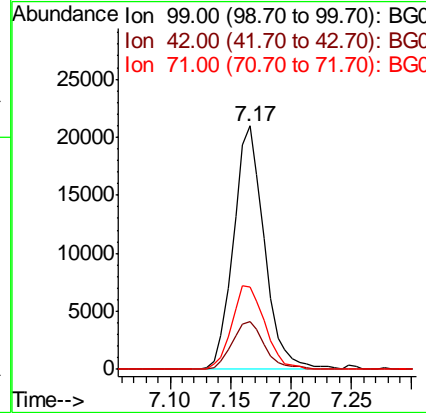
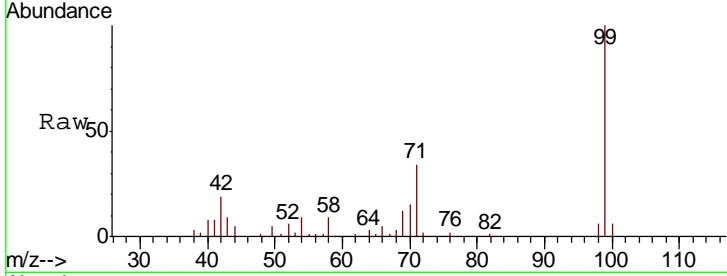




#7
 Phenol-d6
 Concen: 37.562 ng
 RT: 7.17 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BG039302.D
 Acq: 26 Jan 2019 8:27

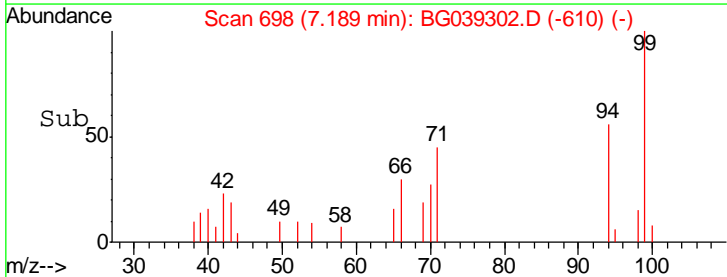
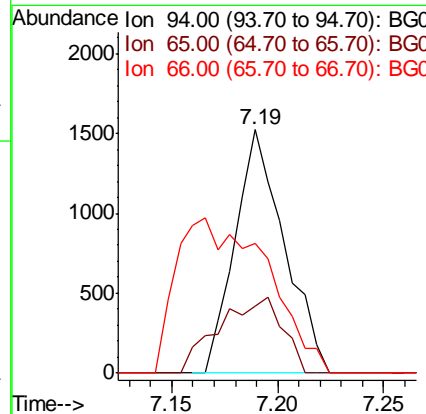
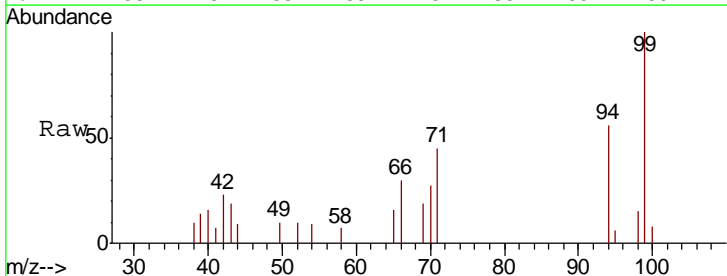
Instrument :
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 ClientSampleId :
 012319-TIPC-F-D-B

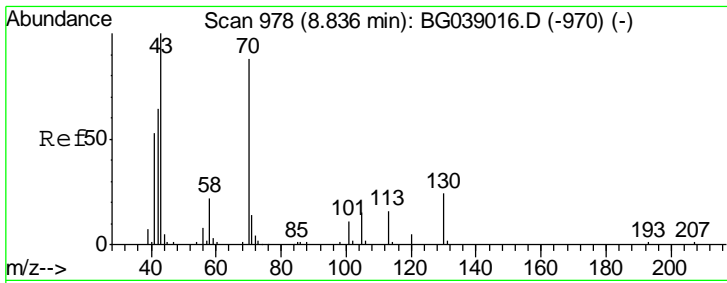
Tgt Ion	Resp	Lower	Upper
99	37259		
42	19.5	15.8	23.6
71	33.6	30.2	45.4



#10
 Phenol
 Concen: 2.476 ng
 RT: 7.19 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: BG039302.D
 Acq: 26 Jan 2019 8:27

Tgt Ion	Resp	Lower	Upper
94	2462		
65	27.8	10.3	50.3
66	53.3	25.1	65.1

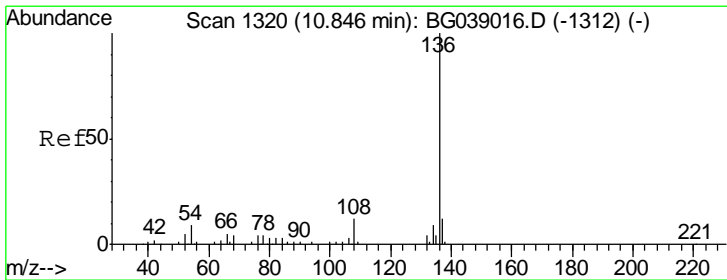
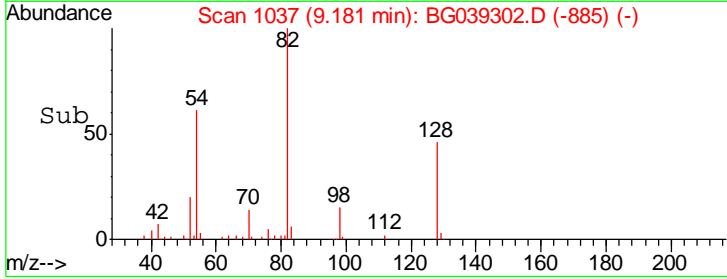
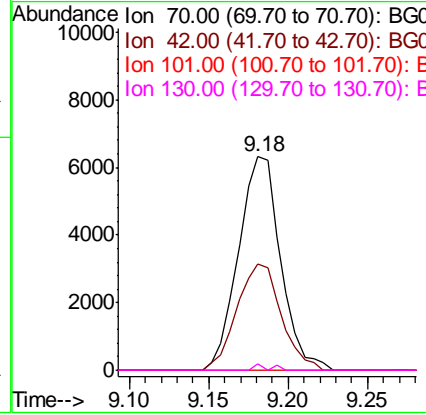
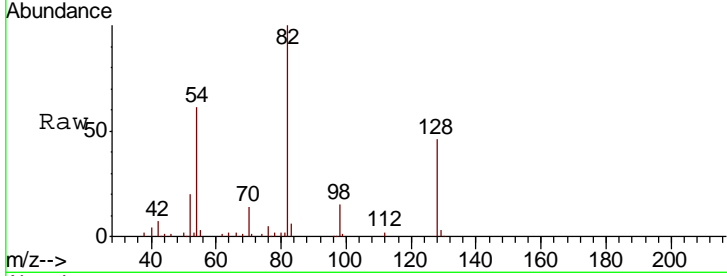




#19
 n-Nitroso-di-n-propylamine
 Concen: 17.859 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. 0.36 min
 Lab File: BG039302.D
 Acq: 26 Jan 2019 8:27

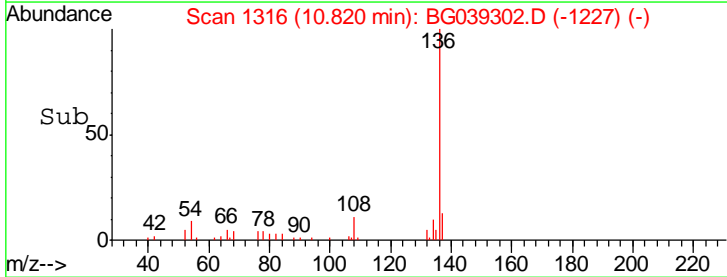
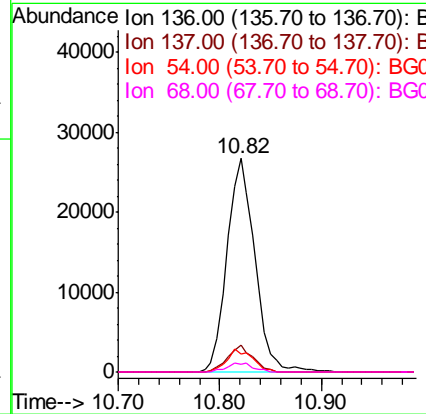
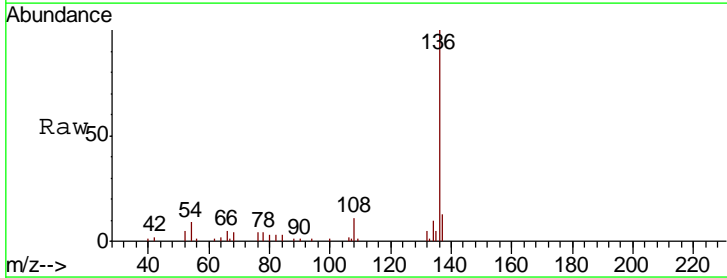
Instrument :
 BNA_G
ClientSampleId :
 012319-TIPC-F-D-B

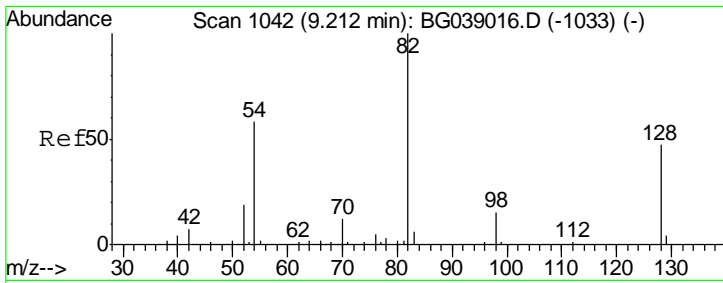
Tgt Ion	Resp	Lower	Upper
70	11633		
70	100		
42	50.0	59.0	88.4#
101	0.0	10.4	15.6#
130	3.0	21.6	32.4#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BG039302.D
 Acq: 26 Jan 2019 8:27

Tgt Ion	Resp	Lower	Upper
136	51069		
136	100		
137	12.7	9.4	14.2
54	8.6	7.2	10.8
68	3.8	3.5	5.3

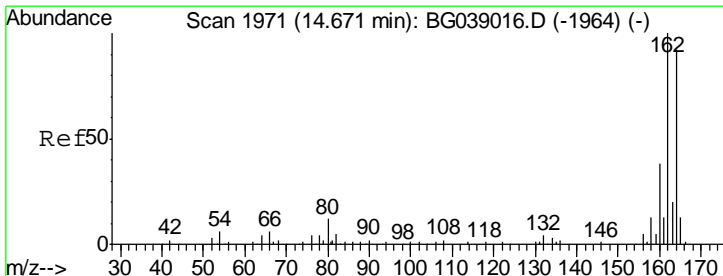
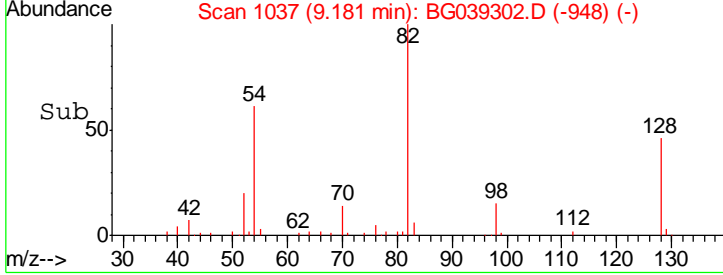
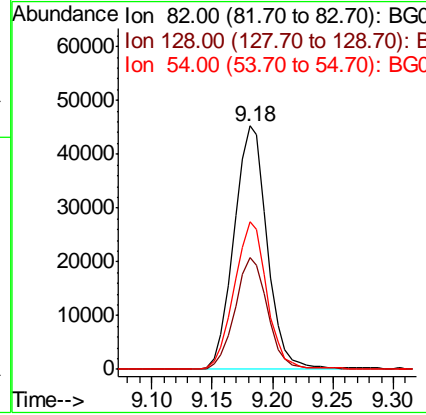
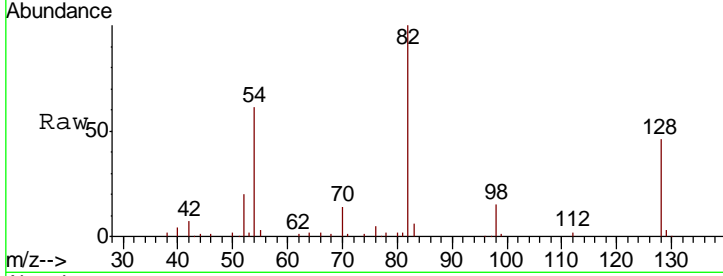




#23
 Nitrobenzene-d5
 Concen: 92.537 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BG039302.D
 Acq: 26 Jan 2019 8:27

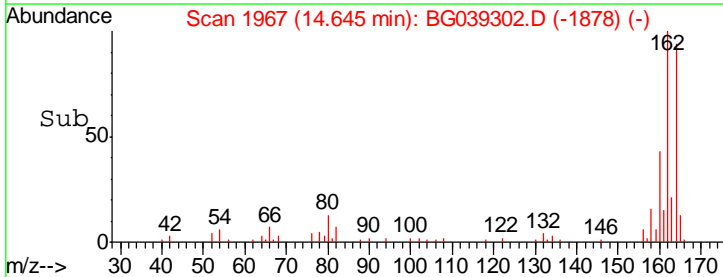
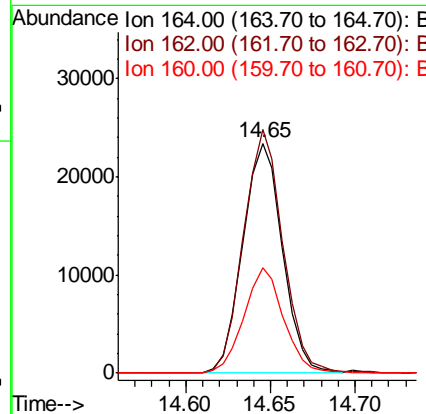
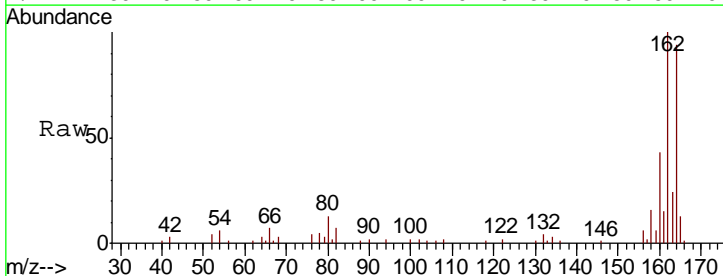
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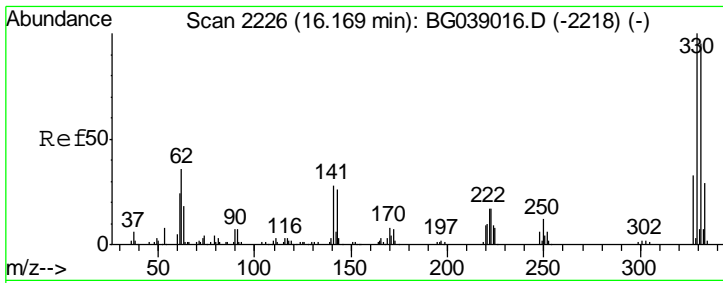
Tgt Ion	Resp	Lower	Upper
82	100		
128	46.0	37.3	55.9
54	60.7	46.4	69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG039302.D
 Acq: 26 Jan 2019 8:27

Tgt Ion	Resp	Lower	Upper
164	100		
162	105.9	87.2	130.8
160	46.1	33.3	49.9

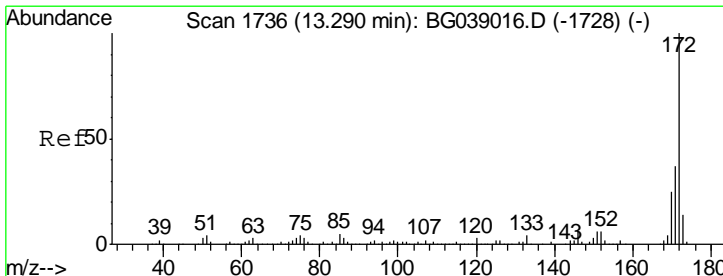
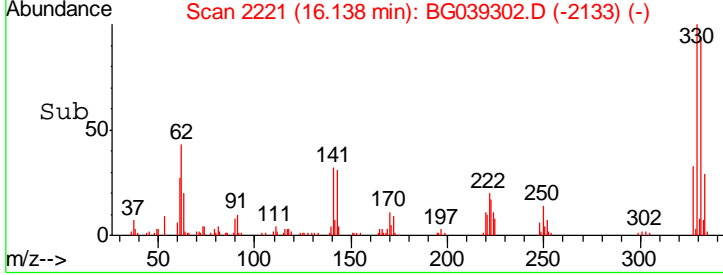
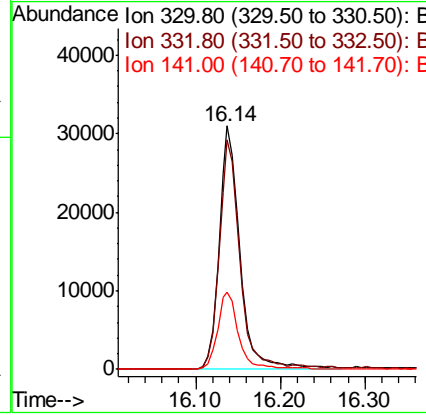
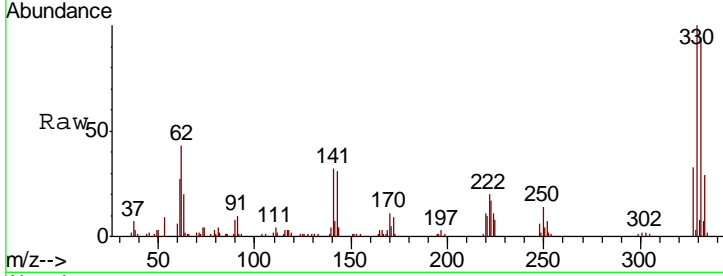




#42
 2,4,6-Tribromophenol
 Concen: 84.359 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.02 min
 Lab File: BG039302.D
 Acq: 26 Jan 2019 8:27

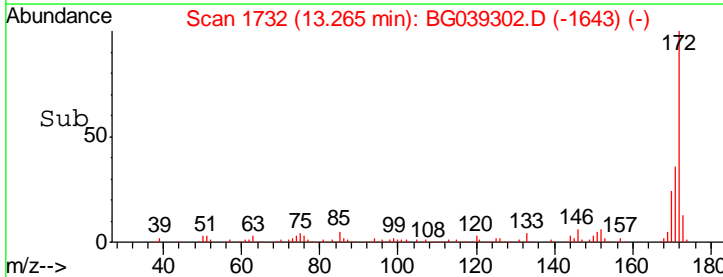
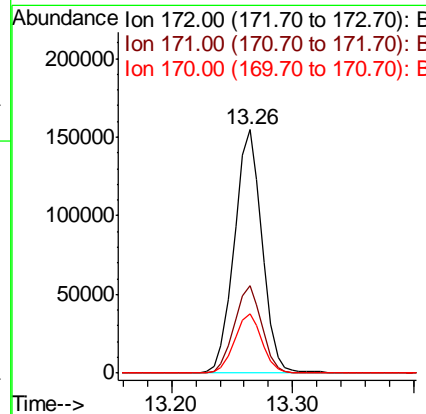
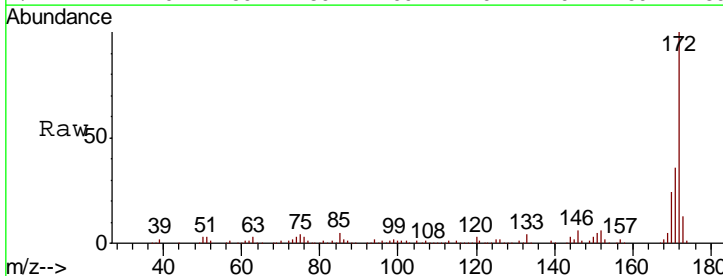
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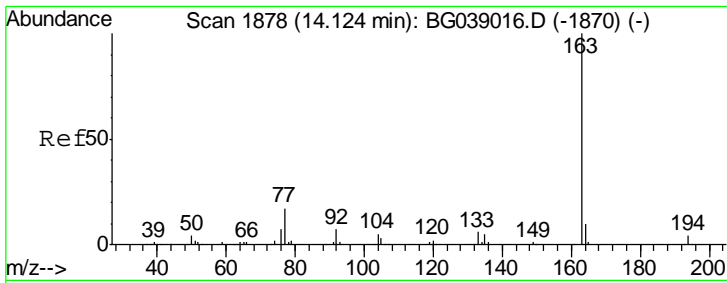
Tgt Ion	Resp	Lower	Upper
330	100		
332	94.7	75.7	113.5
141	32.1	24.9	37.3



#45
 2-Fluorobiphenyl
 Concen: 88.397 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG039302.D
 Acq: 26 Jan 2019 8:27

Tgt Ion	Resp	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.2	20.1	30.1

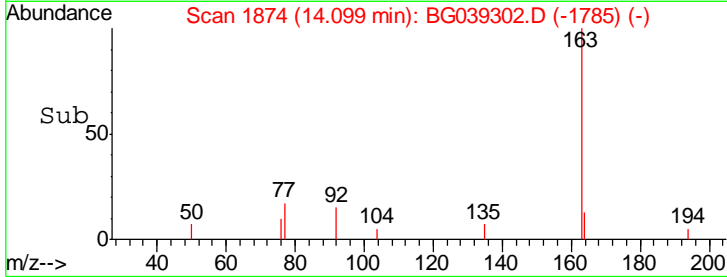
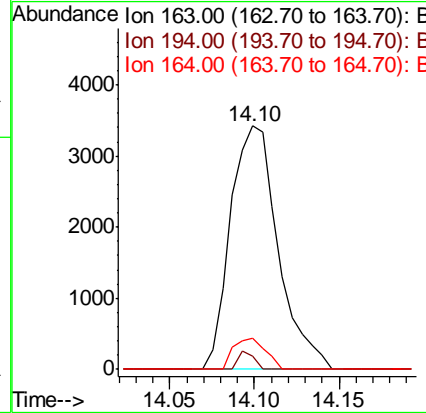
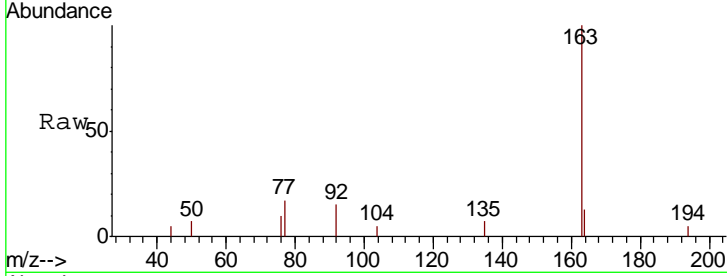




#50
 Dimethylphthalate
 Concen: 2.081 ng
 RT: 14.10 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BG039302.D
 Acq: 26 Jan 2019 8:27

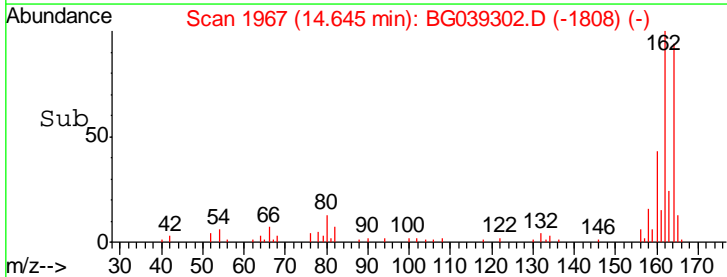
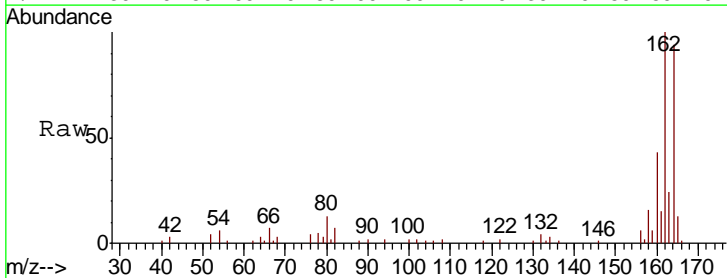
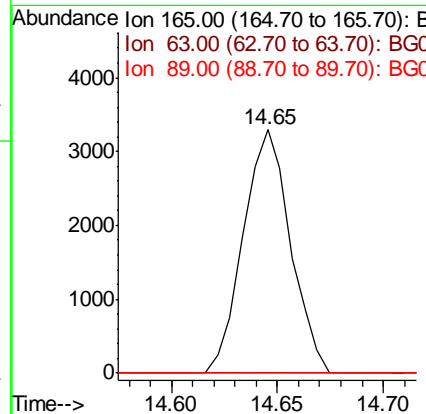
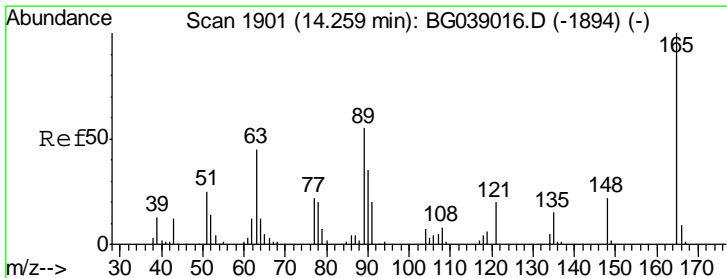
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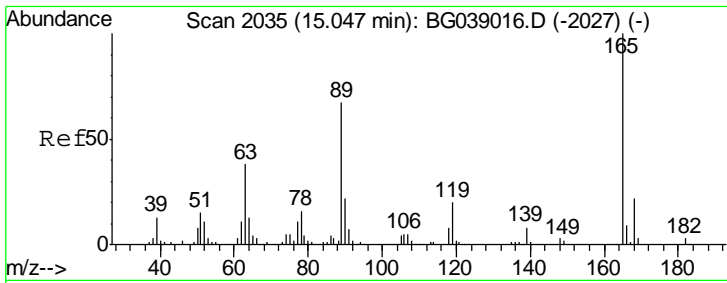
Tgt Ion	Resp	Lower	Upper
163	6718		
194	5.2	3.6	5.4
164	13.0	8.2	12.2#



#51
 2,6-Dinitrotoluene
 Concen: 7.045 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. 0.40 min
 Lab File: BG039302.D
 Acq: 26 Jan 2019 8:27

Tgt Ion	Resp	Lower	Upper
165	5084		
63	0.0	43.6	65.4#
89	0.0	43.7	65.5#

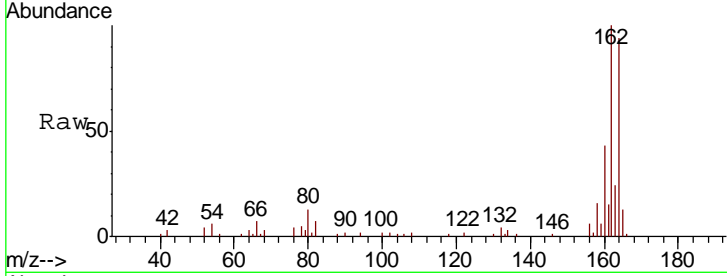




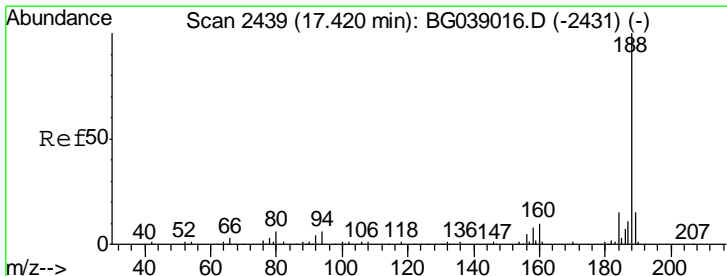
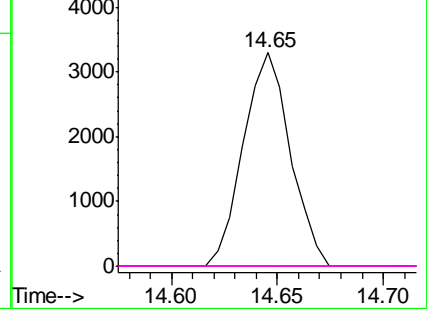
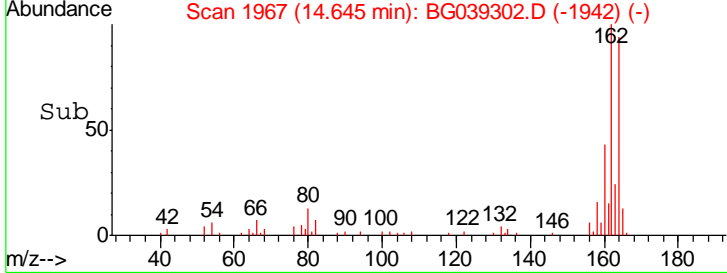
#57
 2,4-Dinitrotoluene
 Concen: 4.911 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.39 min
 Lab File: BG039302.D
 Acq: 26 Jan 2019 8:27

Instrument :
 BNA_G
 ClientSampleId :
 012319-TIPC-F-D-B

Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	30.2	45.4#
89	0.0	53.2	79.8#
182	0.0	2.7	4.1#

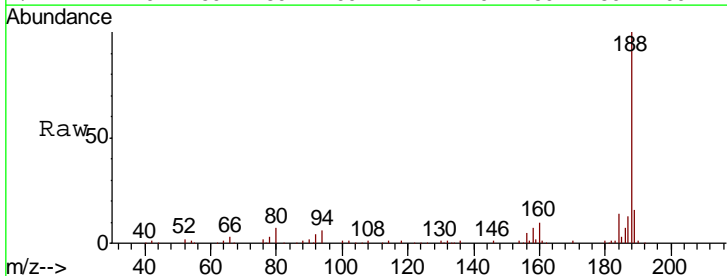


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

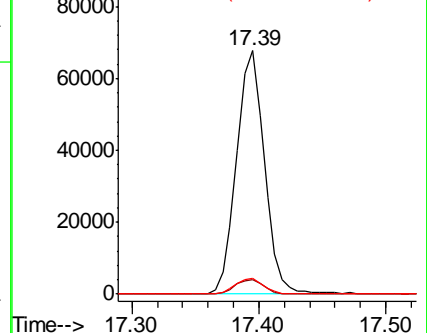
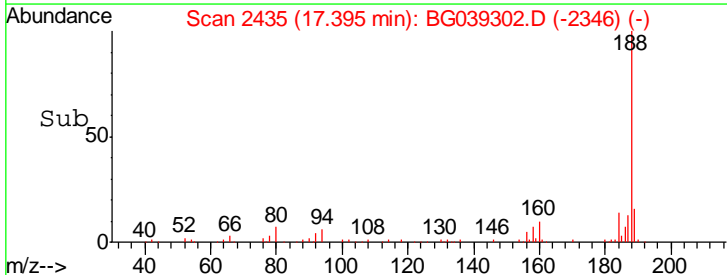


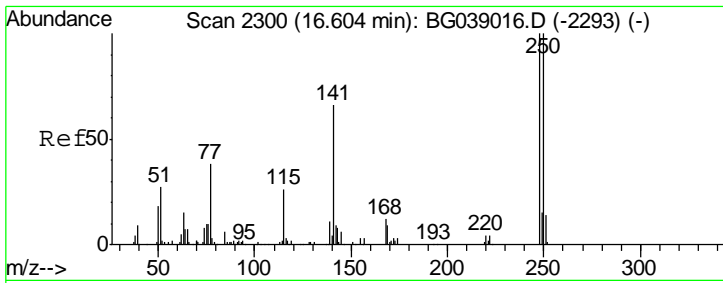
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2435
 Delta R.T. -0.01 min
 Lab File: BG039302.D
 Acq: 26 Jan 2019 8:27

Tgt Ion	Resp	Lower	Upper
188	100		
94	6.0	5.0	7.4
80	6.6	4.7	7.1



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

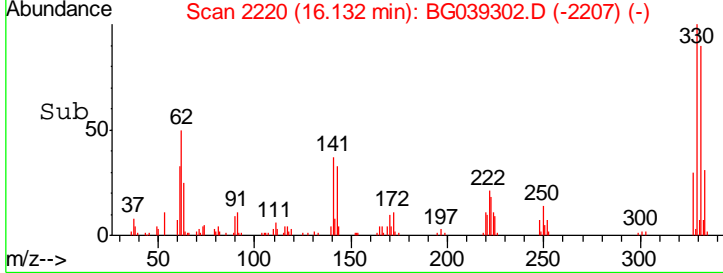
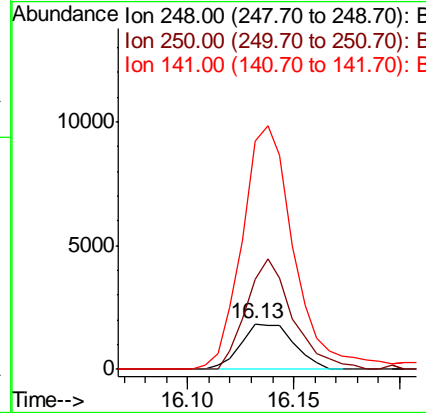
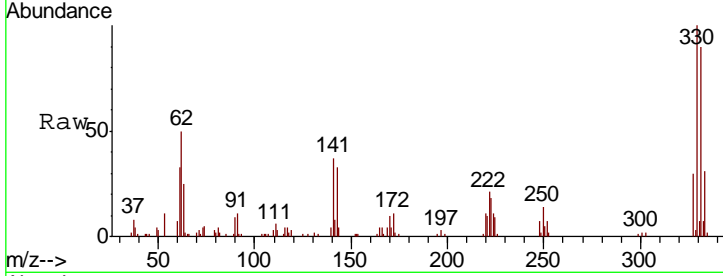




#67
 4-Bromophenyl-phenylether
 Concen: 2.437 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.46 min
 Lab File: BG039302.D
 Acq: 26 Jan 2019 8:27

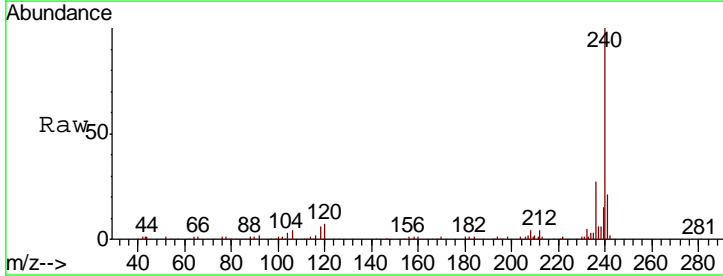
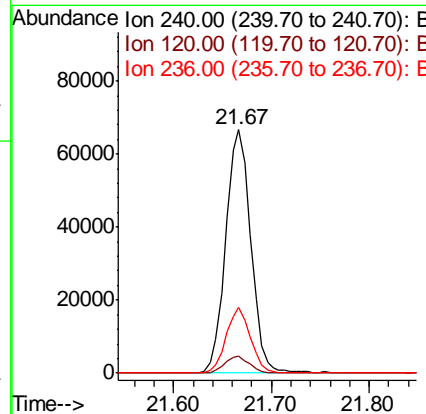
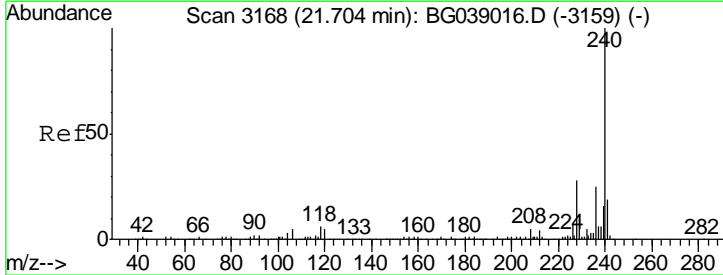
Instrument :
 BNA_G
 ClientSampleId :
 012319-TIPC-F-D-B

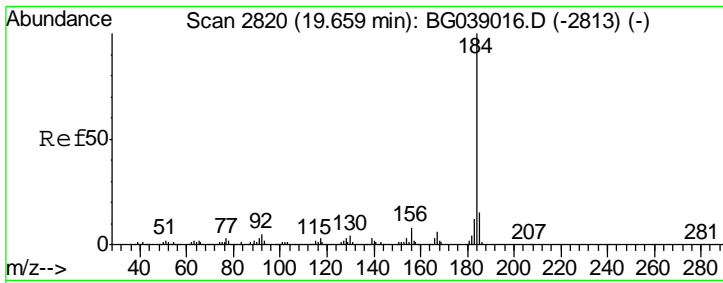
Tgt Ion	Resp	Lower	Upper
248	100		
250	201.0	79.9	119.9#
141	388.4	52.7	79.1#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3162
 Delta R.T. -0.02 min
 Lab File: BG039302.D
 Acq: 26 Jan 2019 8:27

Tgt Ion	Resp	Lower	Upper
240	100		
120	6.8	4.3	6.5#
236	26.9	20.1	30.1



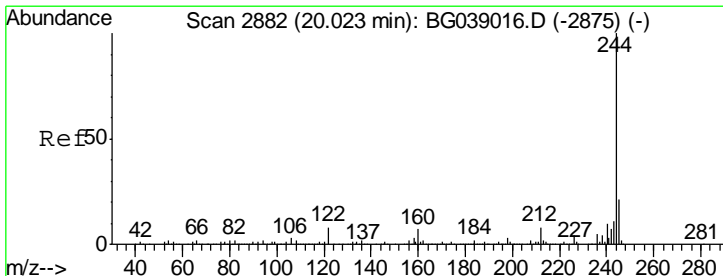
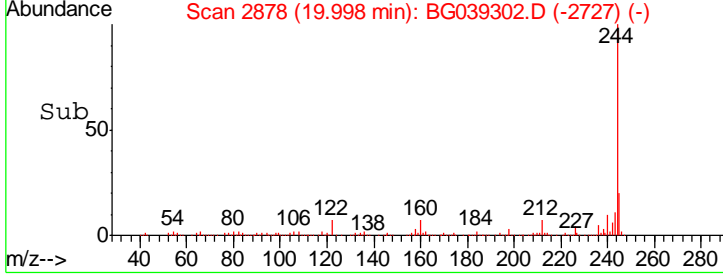
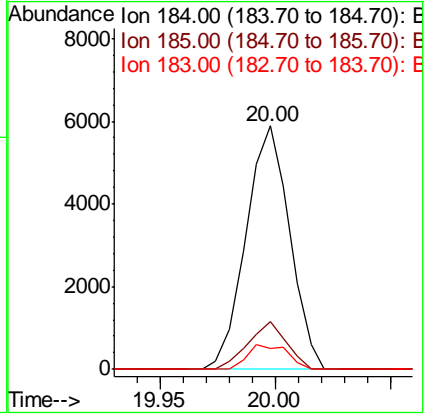
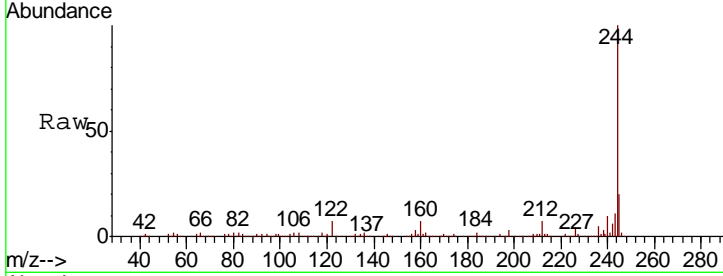


#77
 Benzidine
 Concen: 2.135 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. 0.36 min
 Lab File: BG039302.D
 Acq: 26 Jan 2019 8:27

Instrument :
 BNA_G
 ClientSampleID :
 012319-TIPC-F-D-B

Tgt Ion:184 Resp: 7747

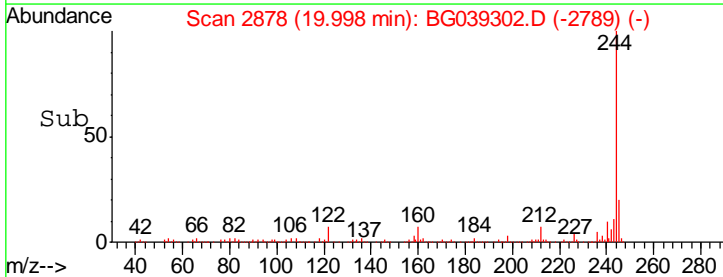
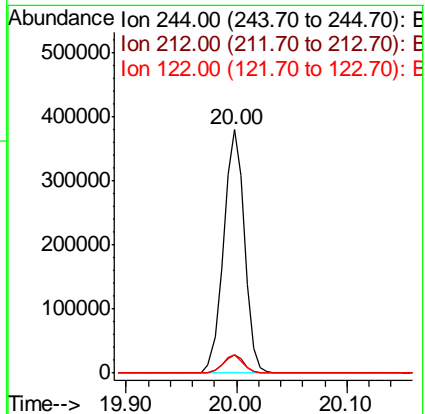
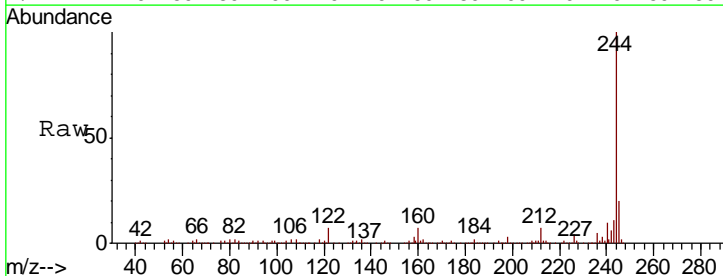
Ion	Ratio	Lower	Upper
184	100		
185	19.9	12.1	18.1#
183	8.7	9.5	14.3#

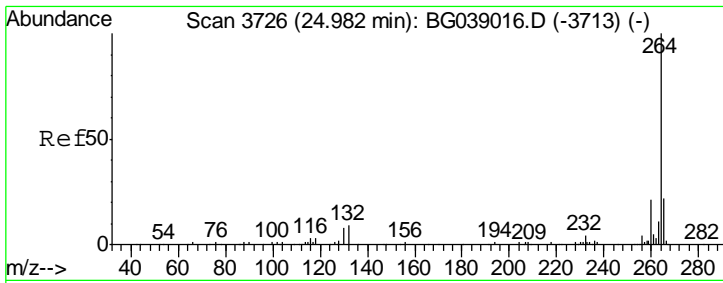


#79
 Terphenyl-d14
 Concen: 78.298 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.01 min
 Lab File: BG039302.D
 Acq: 26 Jan 2019 8:27

Tgt Ion:244 Resp: 502244

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	7.3	6.1	9.1





#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3716
 Delta R.T. -0.03 min
 Lab File: BG039302.D
 Acq: 26 Jan 2019 8:27

Instrument :
 BNA_G
ClientSampleId :
 012319-TIPC-F-D-B

Tgt Ion: 264 Resp: 119227

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.0	25.6
265	21.9	17.2	25.8

