

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031819\
 Data File : BG039982.D
 Acq On : 18 Mar 2019 23:13
 Operator : JU/SJ
 Sample : K1932-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-2

Quant Time: Mar 19 07:51:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

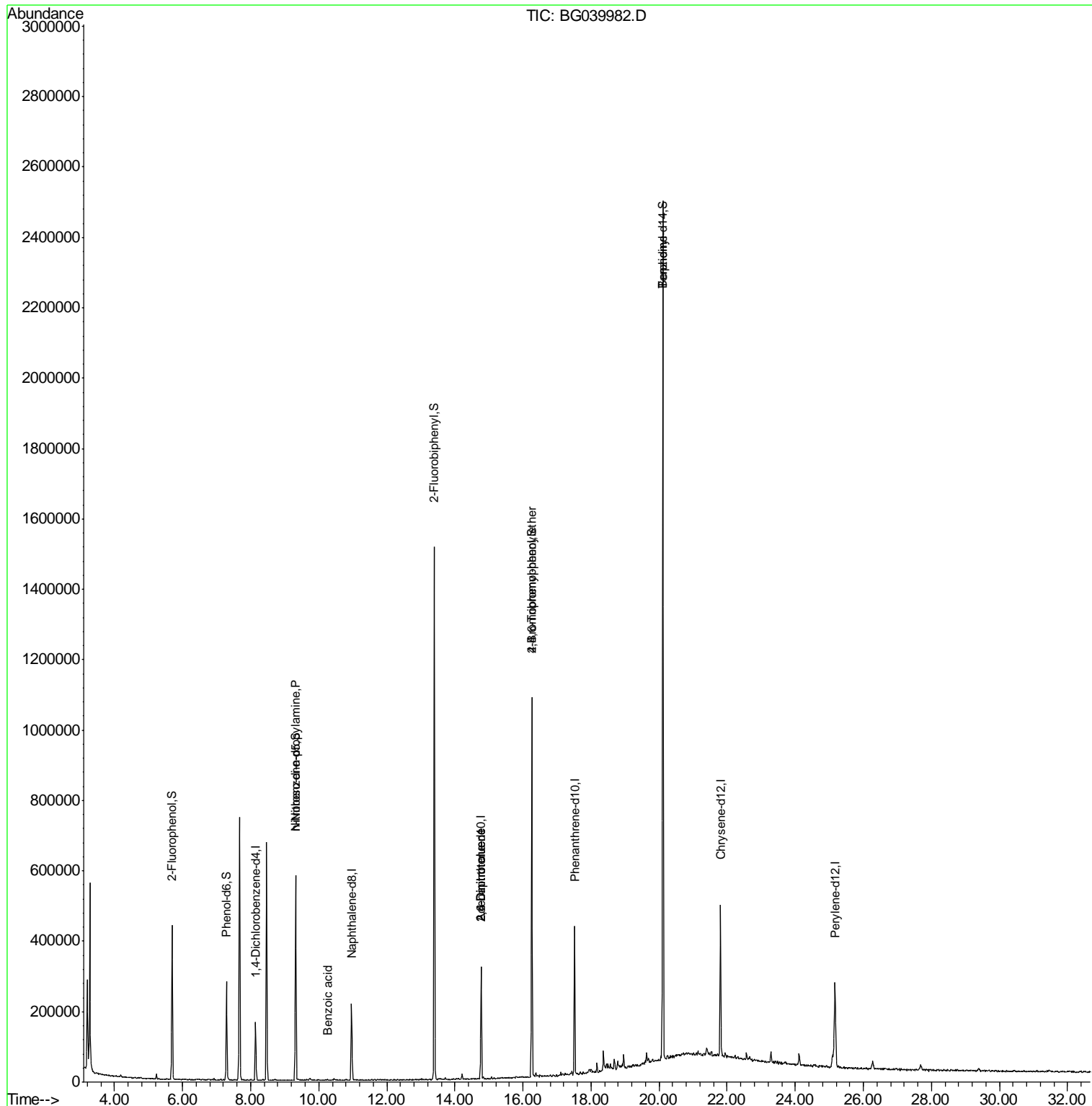
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	45177	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	184975	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	115702	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	258132	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	265638	20.00	ng	-0.02
87) Perylene-d12	25.17	264	271749	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	177639	67.08	ng	-0.02
7) Phenol-d6	7.29	99	159854	40.48	ng	-0.02
23) Nitrobenzene-d5	9.32	82	342897	100.26	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	184825	137.05	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	782880	96.34	ng	-0.02
79) Terphenyl-d14	20.11	244	1088031	90.18	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.32	70	45267	15.928	ng	# 68
32) Benzoic acid	10.27	122	55	6.624	ng	# 1
51) 2,6-Dinitrotoluene	14.77	165	14456	7.048	ng	# 24
57) 2,4-Dinitrotoluene	14.77	165	14456	5.016	ng	# 19
67) 4-Bromophenyl-phenylether	16.26	248	14027	4.855	ng	# 1
77) Benzidine	20.11	184	21091	2.502	ng	# 90

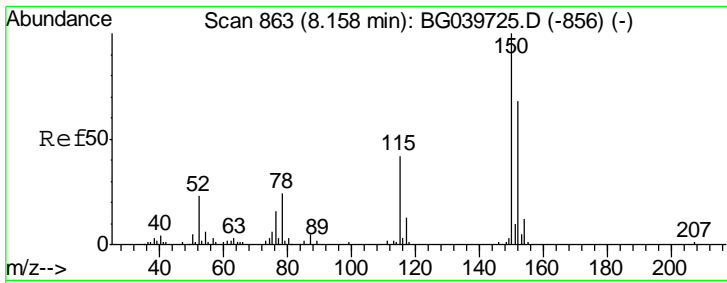
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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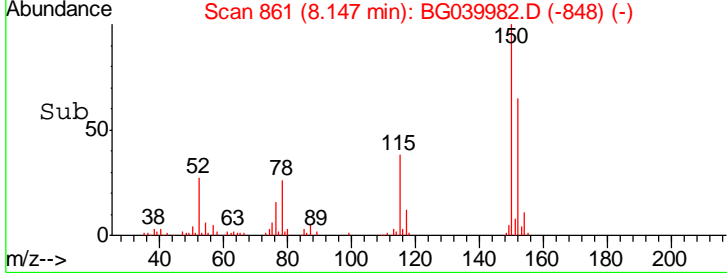
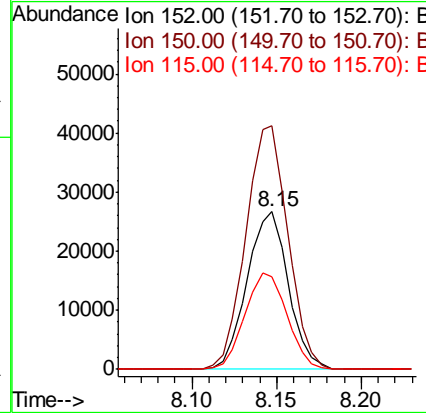
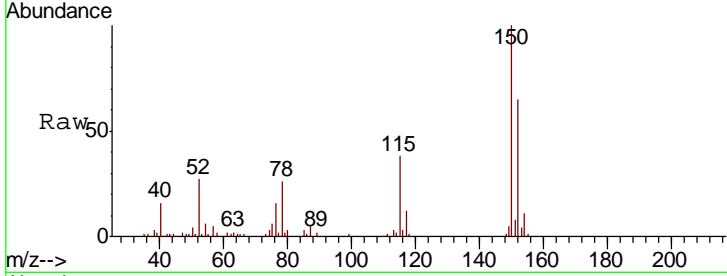




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.15 min Scan# 861
 Delta R.T. -0.02 min
 Lab File: BG039982.D
 Acq: 18 Mar 2019 23:13

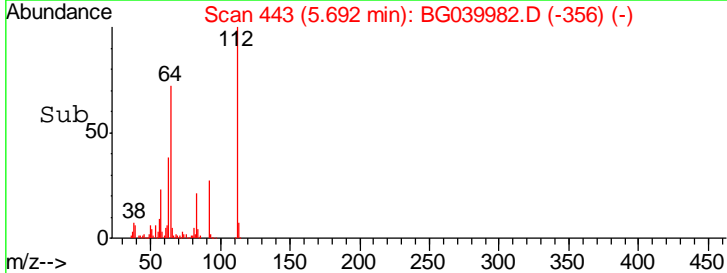
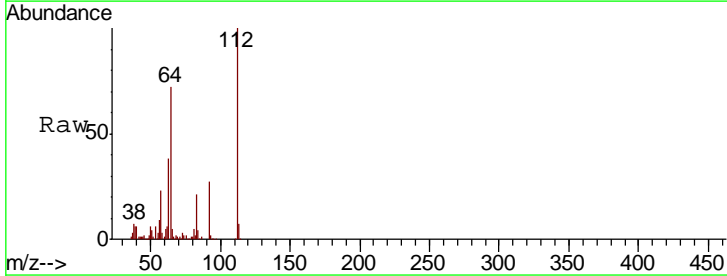
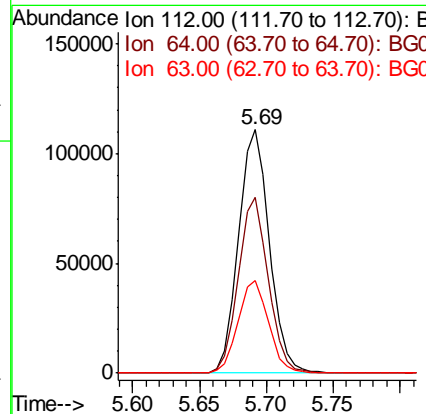
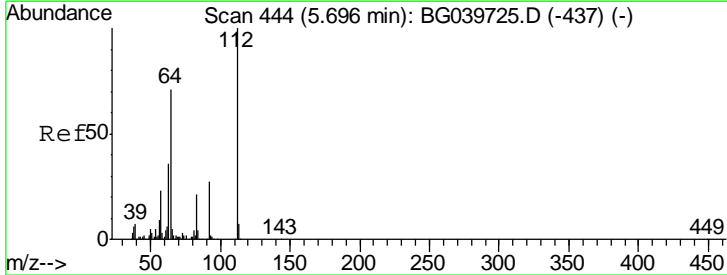
Instrument :
 BNA_G
 ClientSampled :
 TW-2

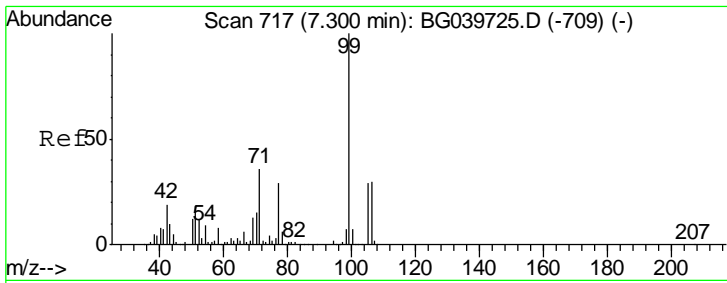
Tgt Ion	Resp	Lower	Upper
152	45177		
150	154.5	123.7	185.5
115	58.4	45.9	68.9



#5
 2-Fluorophenol
 Concen: 67.081 ng
 RT: 5.69 min Scan# 443
 Delta R.T. -0.02 min
 Lab File: BG039982.D
 Acq: 18 Mar 2019 23:13

Tgt Ion	Resp	Lower	Upper
112	177639		
64	72.1	57.8	86.8
63	38.2	29.8	44.6

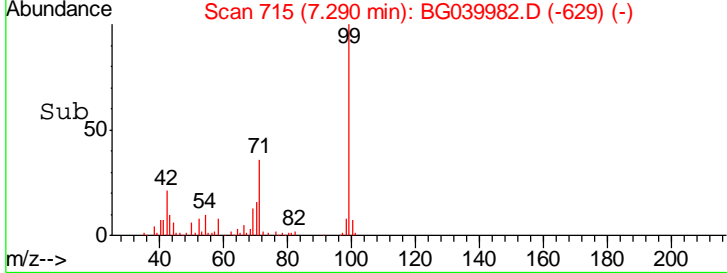
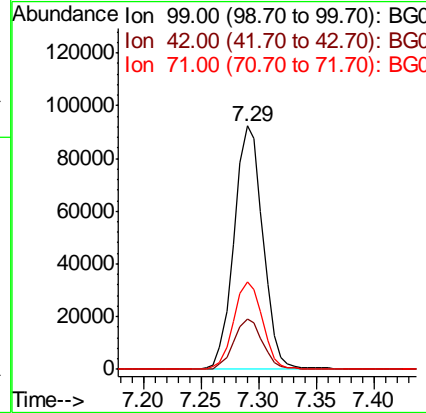
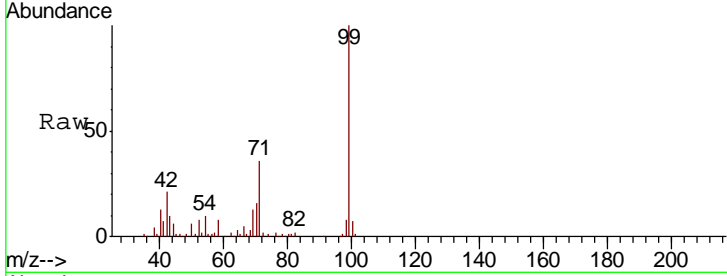




#7
 Phenol-d6
 Concen: 40.485 ng
 RT: 7.29 min Scan# 715
 Delta R.T. -0.02 min
 Lab File: BG039982.D
 Acq: 18 Mar 2019 23:13

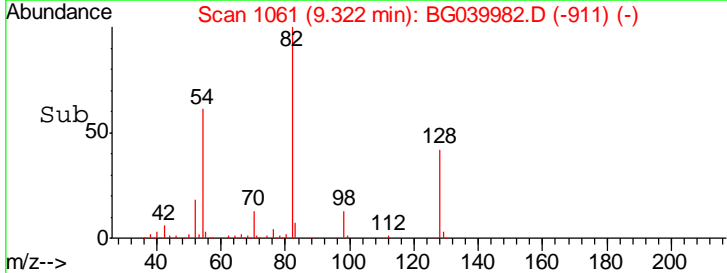
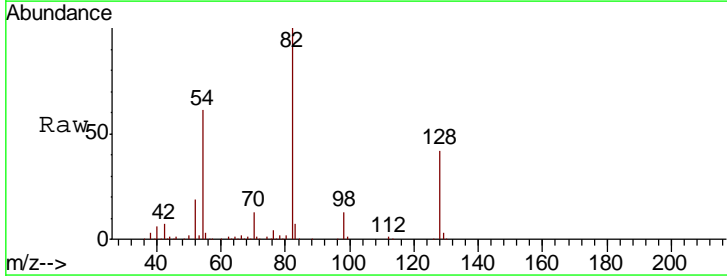
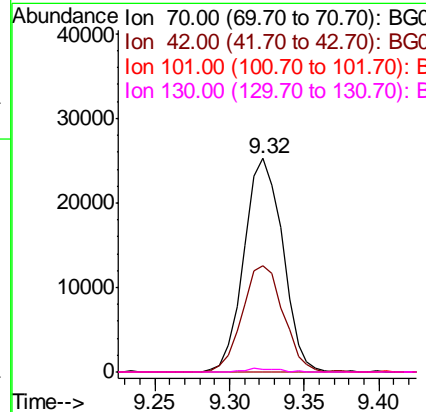
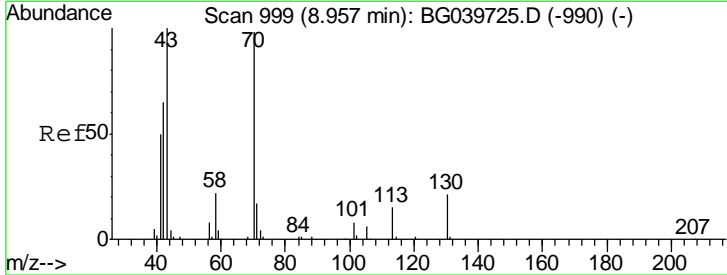
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 ClientSampleId :
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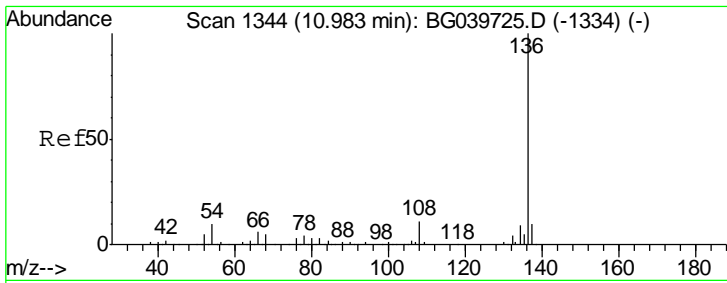
Tgt Ion	Resp	Lower	Upper
99	159854		
42	20.9	18.2	27.2
71	36.2	28.0	42.0



#19
 n-Nitroso-di-n-propylamine
 Concen: 15.928 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. 0.35 min
 Lab File: BG039982.D
 Acq: 18 Mar 2019 23:13

Tgt Ion	Resp	Lower	Upper
70	45267		
42	50.0	60.4	90.6#
101	0.0	7.5	11.3#
130	1.2	16.9	25.3#

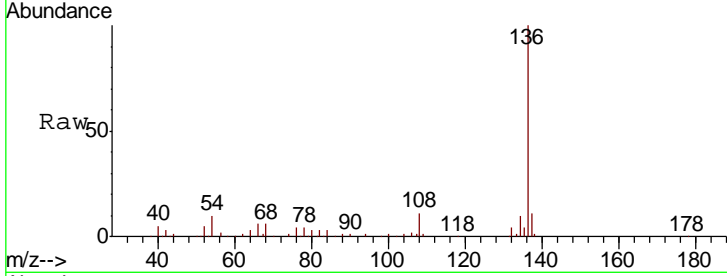




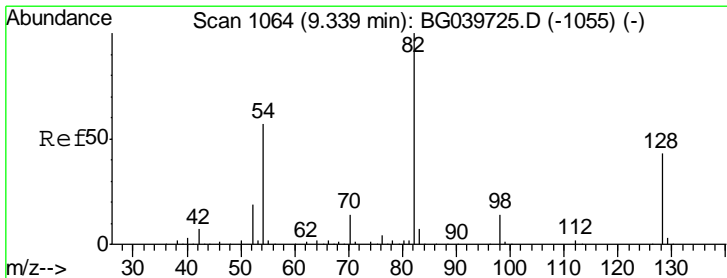
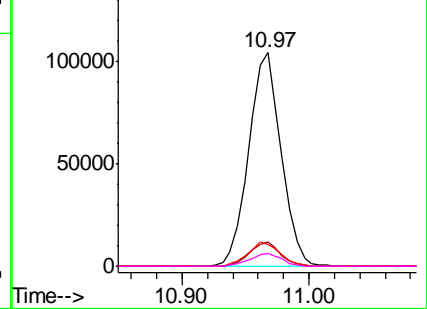
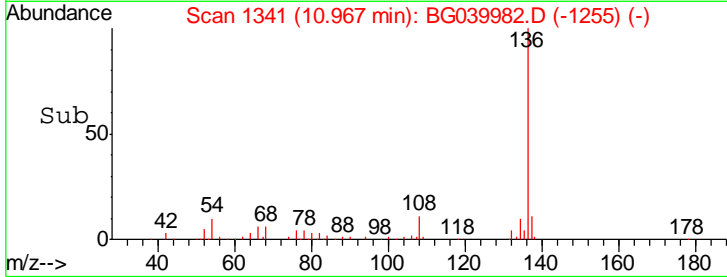
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.97 min Scan# 1341
 Delta R.T. -0.02 min
 Lab File: BG039982.D
 Acq: 18 Mar 2019 23:13

Instrument :
 BNA_G
 ClientSampled :
 TW-2

Tgt Ion	Resp	Lower	Upper
136	184975		
137	11.4	9.1	13.7
54	9.9	9.4	14.2
68	6.1	4.2	6.4

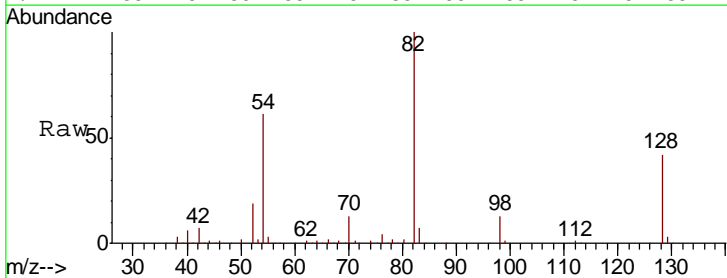


Abundance
 Ion 136.00 (135.70 to 136.70): E
 Ion 137.00 (136.70 to 137.70): E
 Ion 54.00 (53.70 to 54.70): BGC
 Ion 68.00 (67.70 to 68.70): BGC

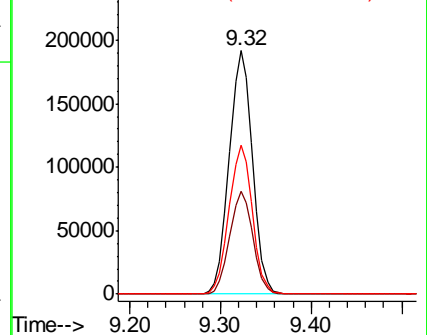
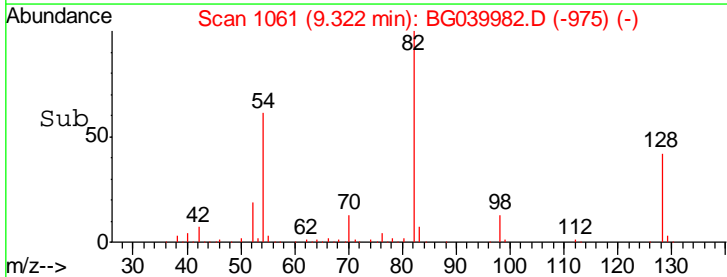


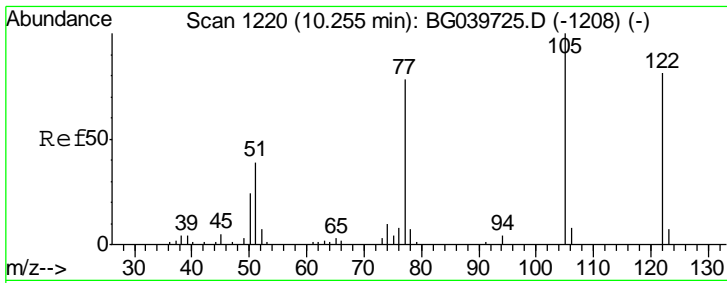
#23
 Nitrobenzene-d5
 Concen: 100.258 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG039982.D
 Acq: 18 Mar 2019 23:13

Tgt Ion	Resp	Lower	Upper
82	342897		
128	42.0	31.3	46.9
54	61.2	50.9	76.3



Abundance
 Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BGC

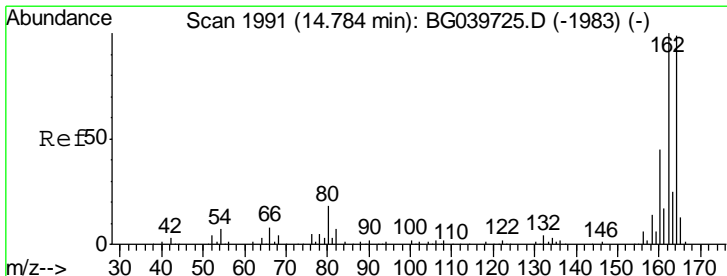
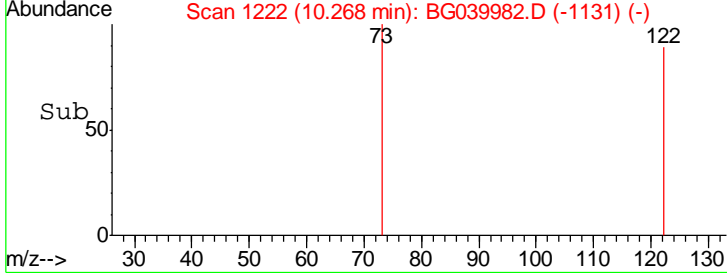
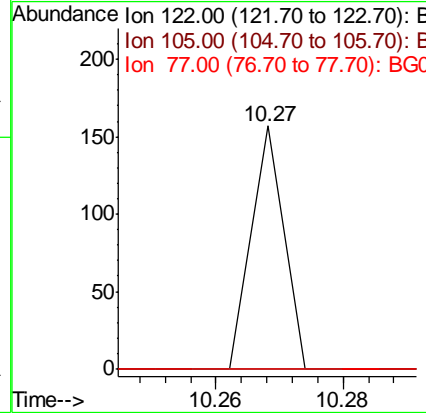
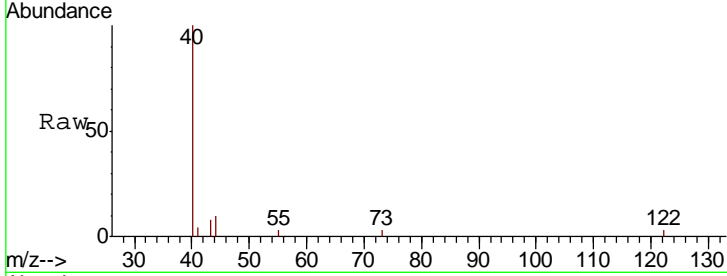




#32
 Benzoic acid
 Concen: 6.624 ng
 RT: 10.27 min Scan# 1222
 Delta R.T. 0.01 min
 Lab File: BG039982.D
 Acq: 18 Mar 2019 23:13

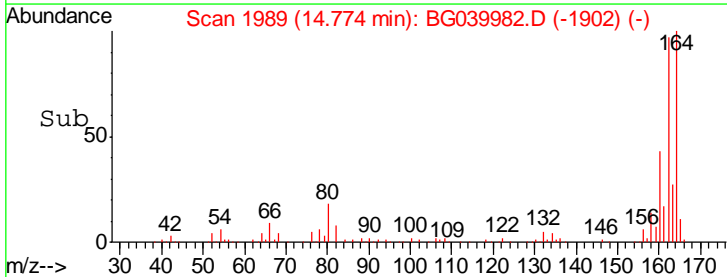
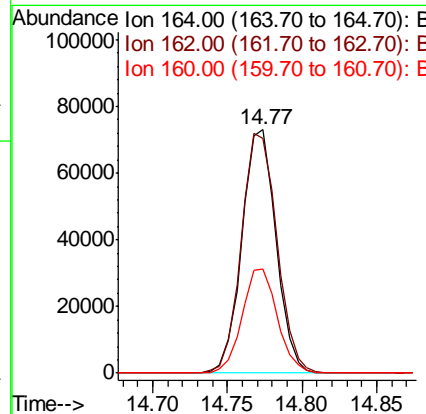
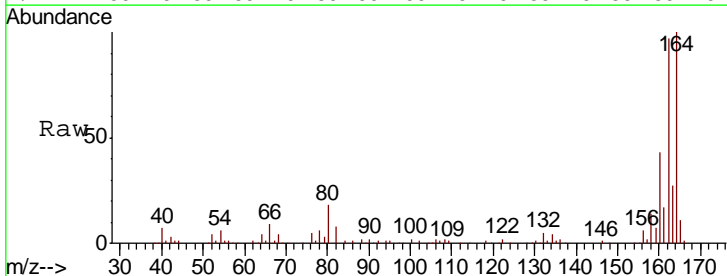
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 ClientSampled :
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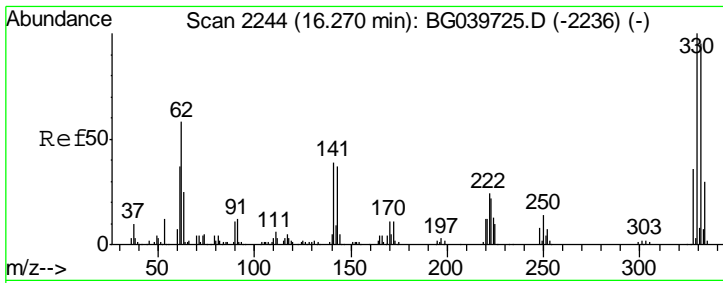
Tgt Ion	Resp	Lower	Upper
122	100		
105	0.0	101.8	141.8#
77	0.0	76.3	116.3#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BG039982.D
 Acq: 18 Mar 2019 23:13

Tgt Ion	Resp	Lower	Upper
164	100		
162	96.6	81.6	122.4
160	42.7	34.2	51.2

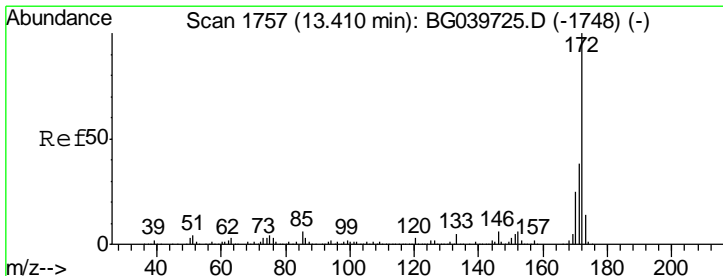
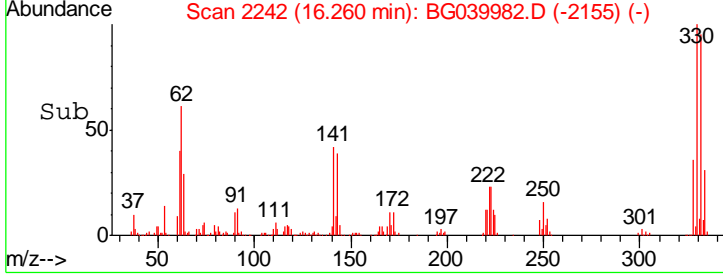
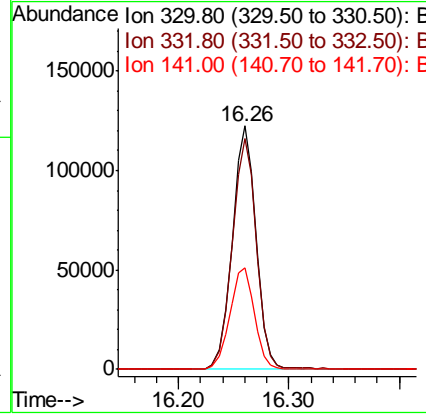
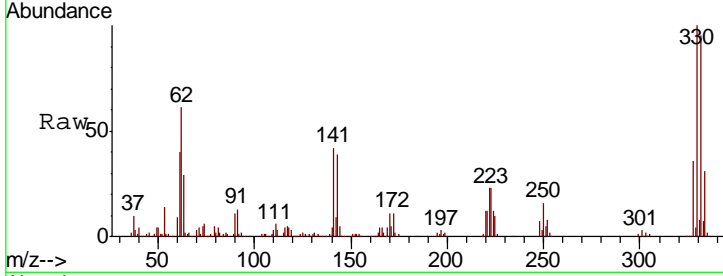




#42
 2,4,6-Tribromophenol
 Concen: 137.050 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG039982.D
 Acq: 18 Mar 2019 23:13

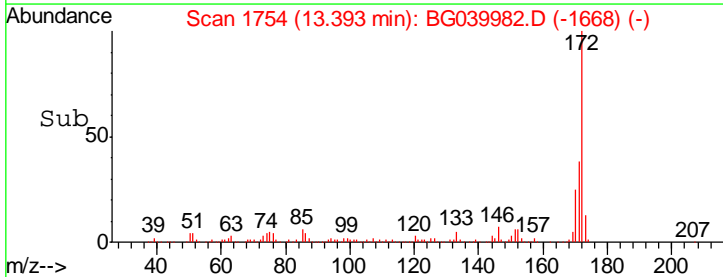
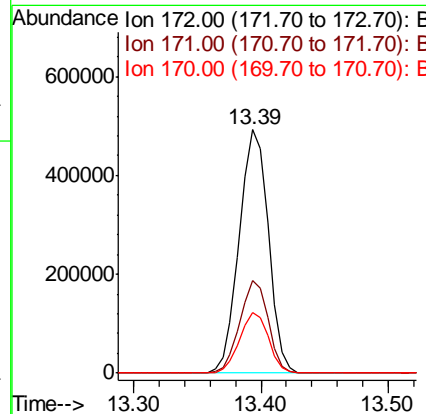
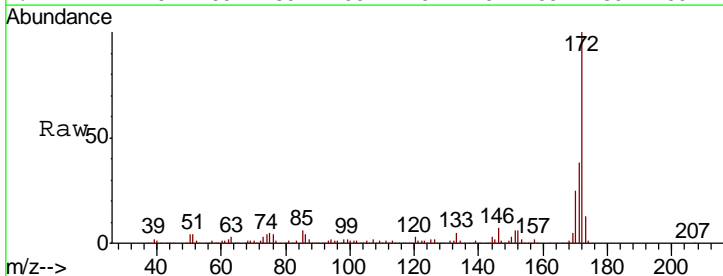
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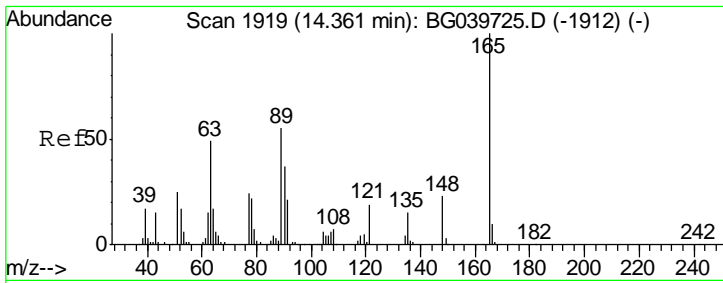
Tgt Ion	Resp	Lower	Upper
330	184825		
332	96.3	75.7	113.5
141	42.9	35.6	53.4



#45
 2-Fluorobiphenyl
 Concen: 96.341 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG039982.D
 Acq: 18 Mar 2019 23:13

Tgt Ion	Resp	Lower	Upper
172	782880		
171	38.2	30.8	46.2
170	24.9	20.2	30.4

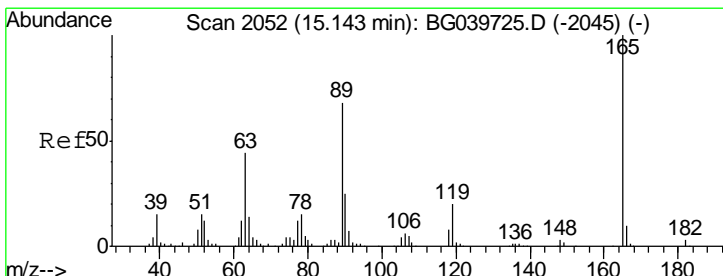
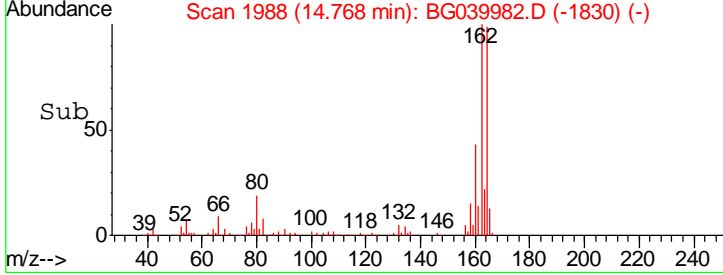
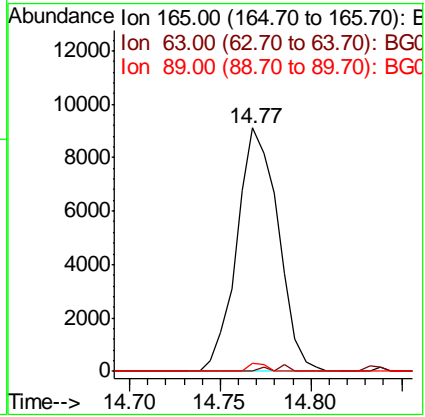
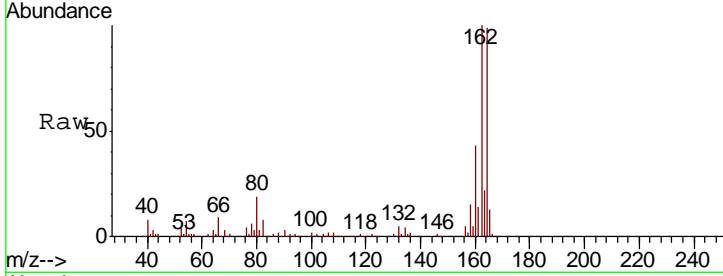




#51
 2,6-Dinitrotoluene
 Concen: 7.048 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. 0.40 min
 Lab File: BG039982.D
 Acq: 18 Mar 2019 23:13

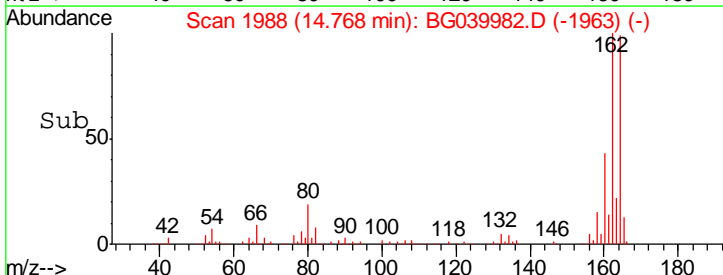
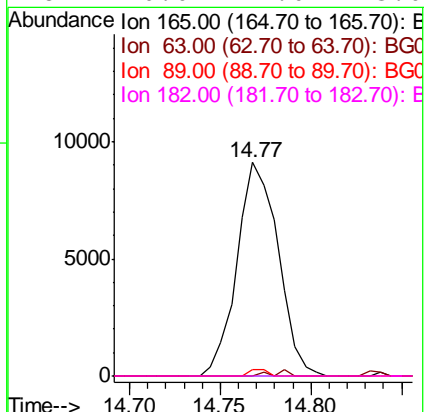
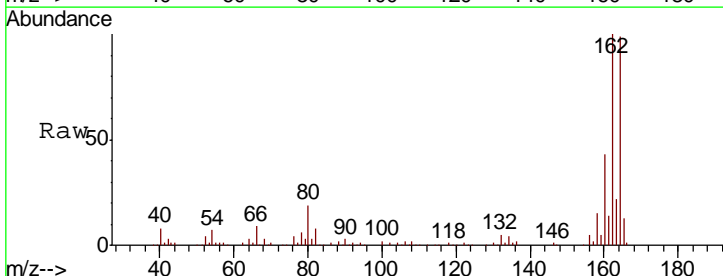
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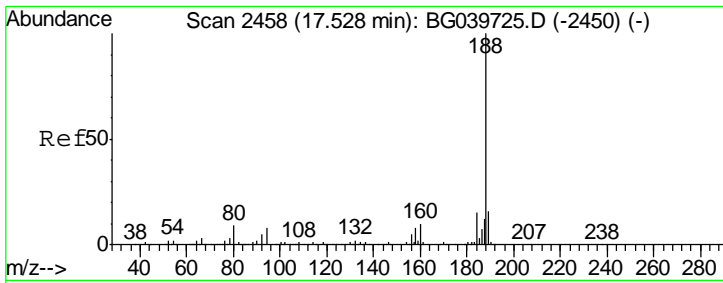
Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	47.0	70.6#
89	3.2	45.8	68.8#



#57
 2,4-Dinitrotoluene
 Concen: 5.016 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.38 min
 Lab File: BG039982.D
 Acq: 18 Mar 2019 23:13

Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	3.2	64.6	96.8#
182	0.0	2.0	3.0#

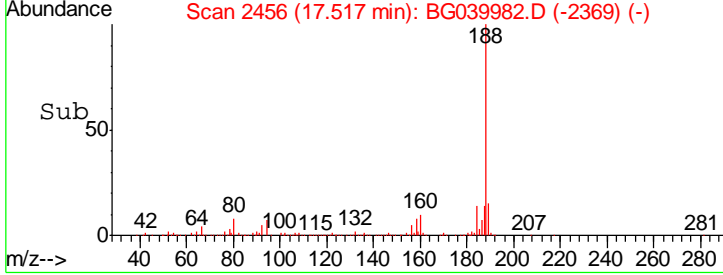
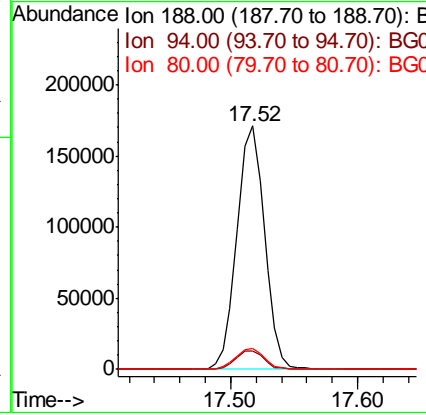
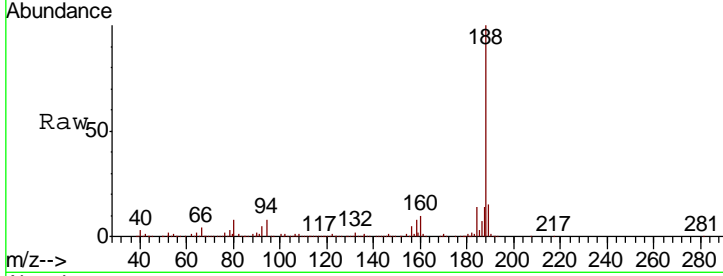




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.02 min
 Lab File: BG039982.D
 Acq: 18 Mar 2019 23:13

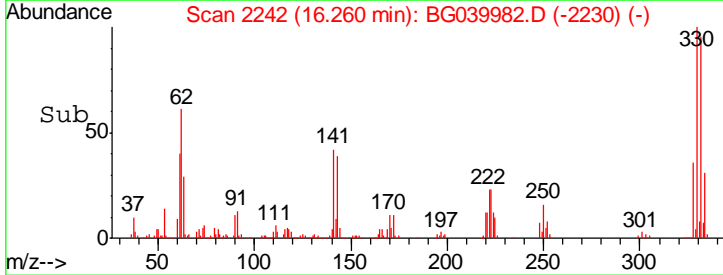
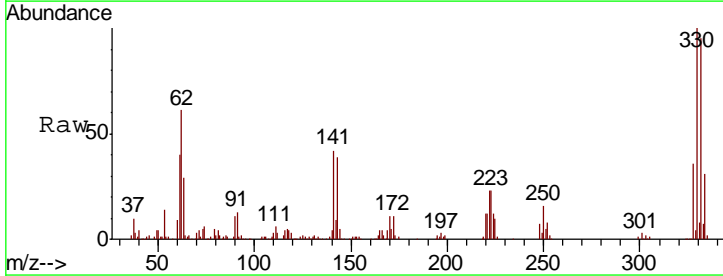
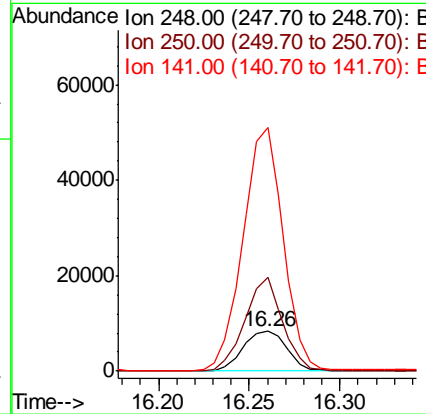
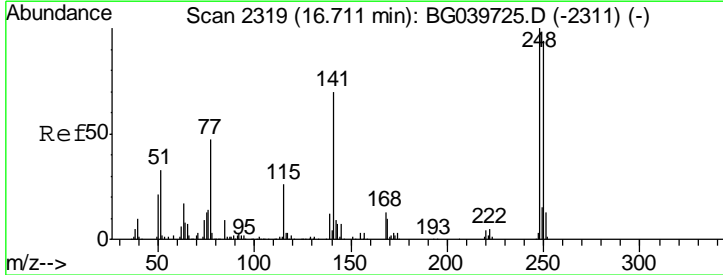
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 ClientSampled :
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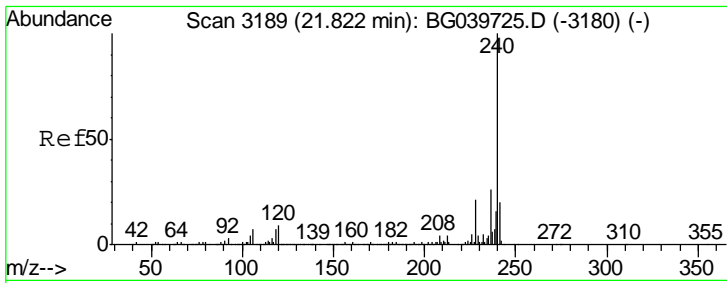
Tgt Ion	Resp	Lower	Upper
188	100		
94	7.5	6.9	10.3
80	8.4	8.1	12.1



#67
 4-Bromophenyl-phenylether
 Concen: 4.855 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.46 min
 Lab File: BG039982.D
 Acq: 18 Mar 2019 23:13

Tgt Ion	Resp	Lower	Upper
248	100		
250	235.8	77.6	116.4#
141	614.4	63.9	95.9#

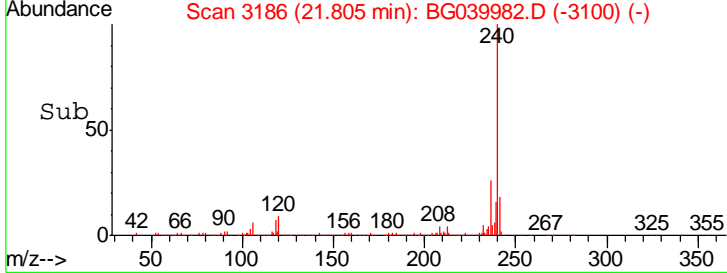
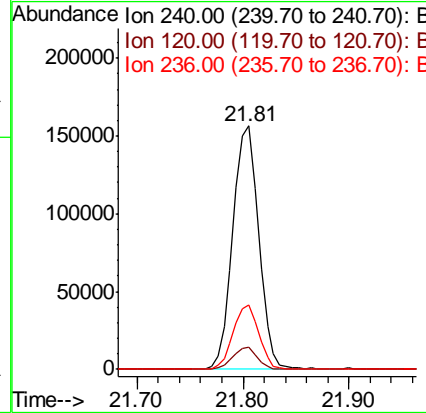
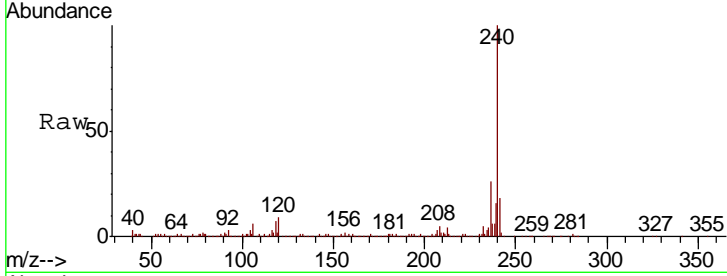




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.81 min Scan# 3186
 Delta R.T. -0.02 min
 Lab File: BG039982.D
 Acq: 18 Mar 2019 23:13

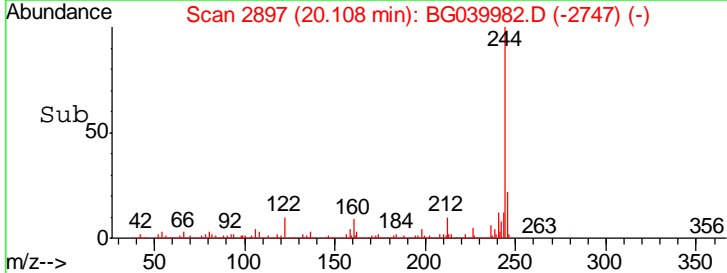
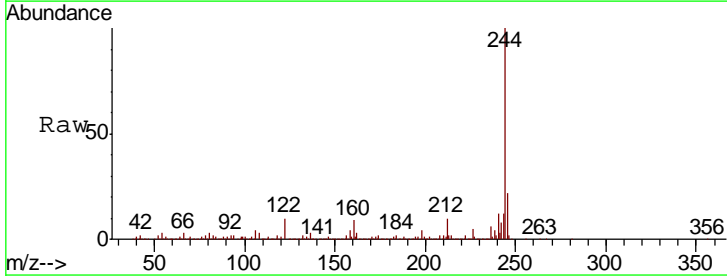
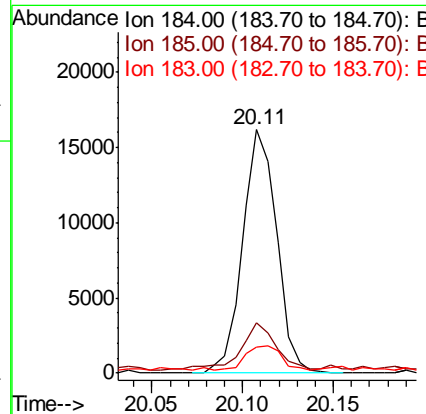
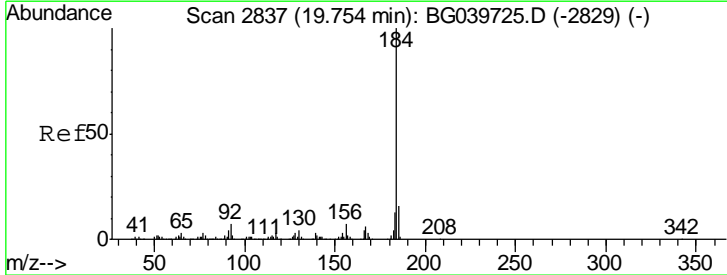
Instrument :
 BNA_G
 ClientSampled :
 TW-2

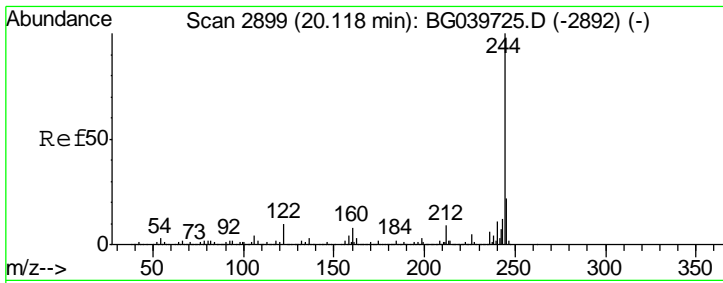
Tgt Ion	Resp	Lower	Upper
240	100		
120	8.9	7.0	10.6
236	26.3	21.0	31.4



#77
 Benzidine
 Concen: 2.502 ng
 RT: 20.11 min Scan# 2897
 Delta R.T. 0.35 min
 Lab File: BG039982.D
 Acq: 18 Mar 2019 23:13

Tgt Ion	Resp	Lower	Upper
184	100		
185	20.7	12.2	18.2#
183	10.9	10.6	15.8



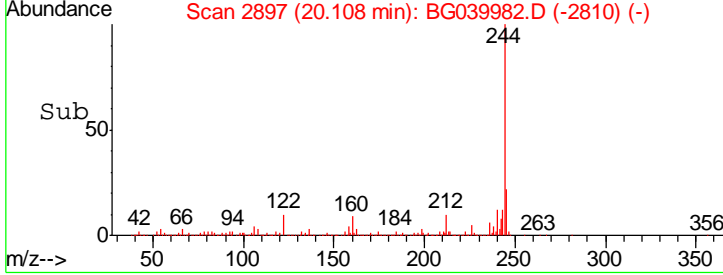
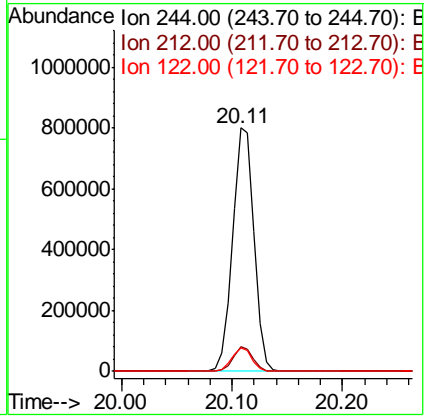
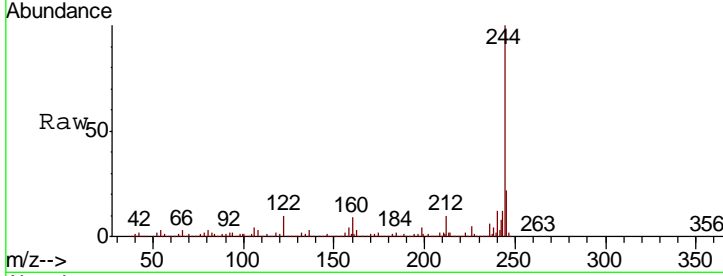


#79
 Terphenyl-d14
 Concen: 90.184 ng
 RT: 20.11 min Scan# 2897
 Delta R.T. -0.02 min
 Lab File: BG039982.D
 Acq: 18 Mar 2019 23:13

Instrument :
 BNA_G
 ClientSampled :
 TW-2

Tgt Ion: 244 Resp: 1088031

Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.3	10.9
122	9.7	8.4	12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.17 min Scan# 3759
 Delta R.T. -0.03 min
 Lab File: BG039982.D
 Acq: 18 Mar 2019 23:13

Tgt Ion: 264 Resp: 271749

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.2	27.4
265	20.4	18.5	27.7

