

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
 Data File : BG036394.D
 Acq On : 24 Aug 2018 2:03
 Operator : JU/SJ
 Sample : J4278-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 24 03:35:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

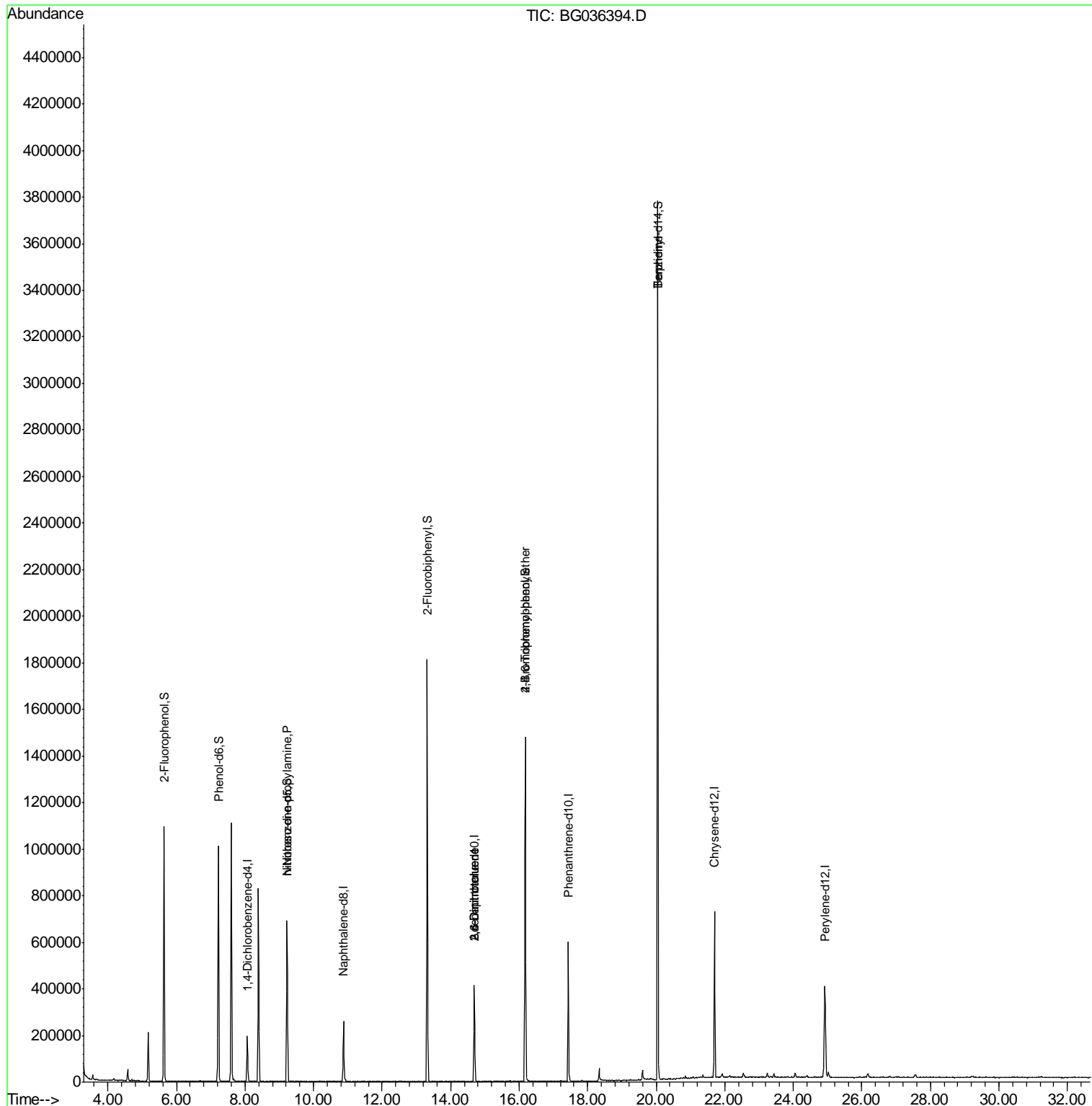
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	54111	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	218851	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	141959	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	363423	20.00	ng	0.00
75) Chrysene-d12	21.70	240	416880	20.00	ng	0.00
86) Perylene-d12	24.92	264	423295	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	436521	127.97	ng	0.00
7) Phenol-d6	7.22	99	561579	114.99	ng	0.00
23) Nitrobenzene-d5	9.23	82	408274	101.22	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	269125	158.88	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	927156	93.25	ng	0.00
78) Terphenyl-d14	20.04	244	1661233	93.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	54790	15.011	ng	# 75
50) 2,6-Dinitrotoluene	14.69	165	17741	7.438	ng	# 21
56) 2,4-Dinitrotoluene	14.69	165	17741	5.707	ng	# 19
66) 4-Bromophenyl-phenylether	16.18	248	18820	4.423	ng	# 1
76) Benzidine	20.04	184	29536	2.221	ng	# 91

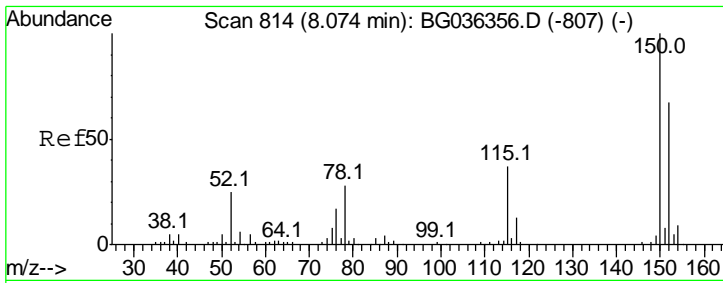
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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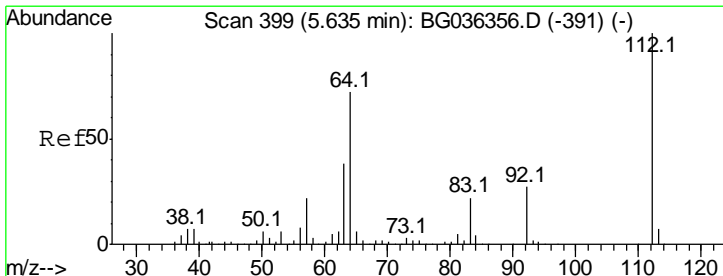
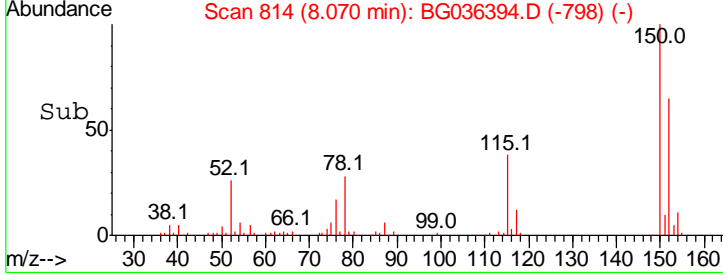
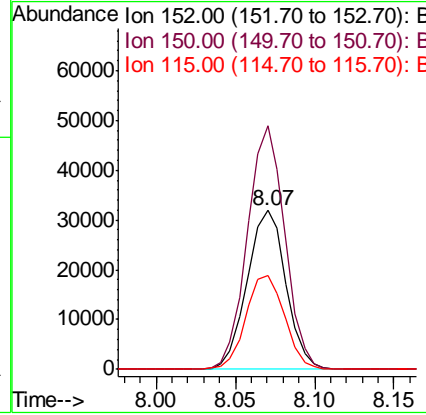
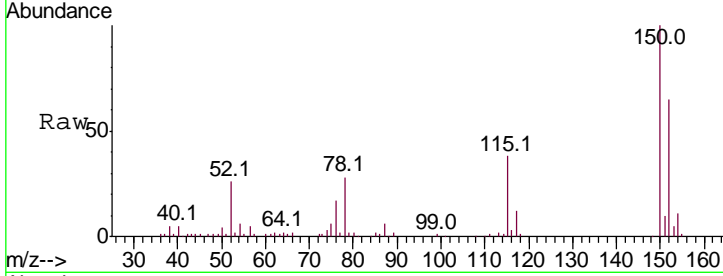




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BG036394.D
 Acq: 24 Aug 2018 2:03

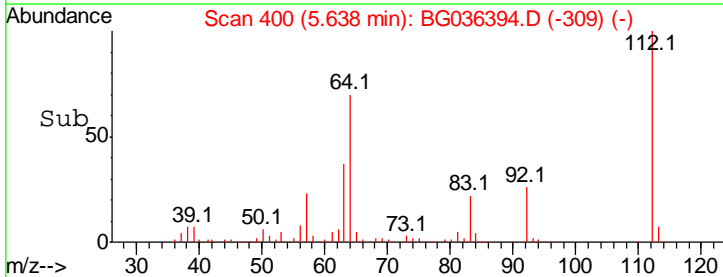
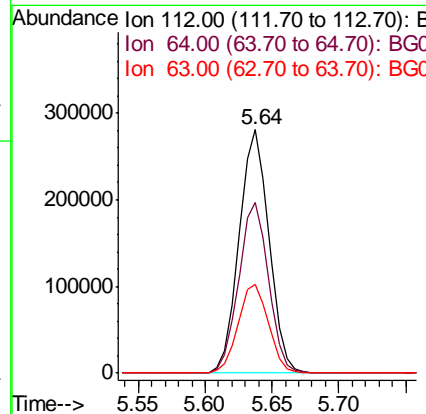
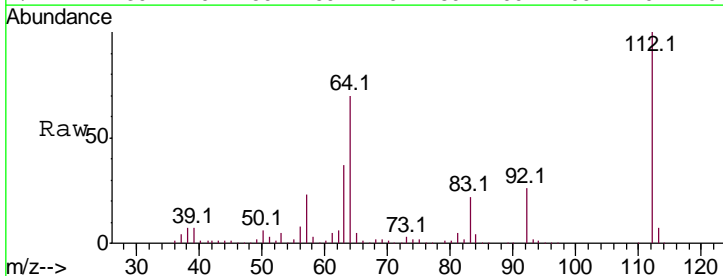
Instrument :
 BNA_G
 ClientSampled :

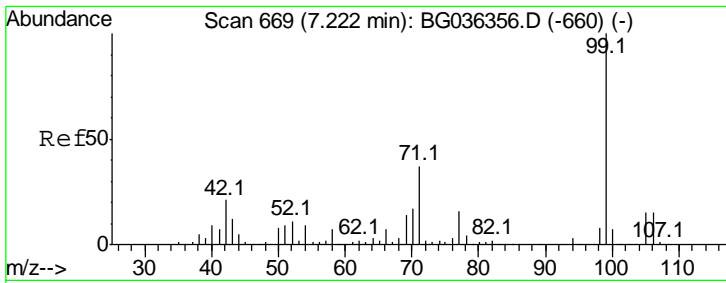
Tgt Ion	Resp	Lower	Upper
152	54111		
152	100		
150	153.2	119.5	179.3
115	59.0	44.5	66.7



#5
 2-Fluorophenol
 Concen: 127.969 ng
 RT: 5.64 min Scan# 400
 Delta R.T. 0.00 min
 Lab File: BG036394.D
 Acq: 24 Aug 2018 2:03

Tgt Ion	Resp	Lower	Upper
112	436521		
112	100		
64	70.0	57.2	85.8
63	36.7	30.8	46.2

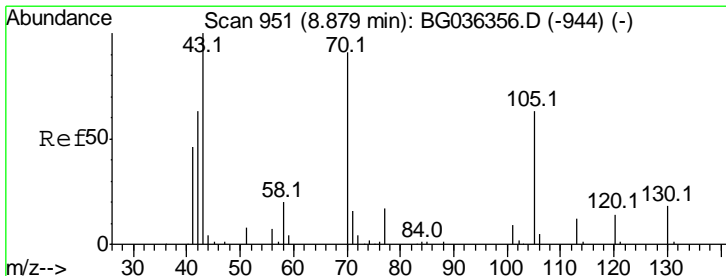
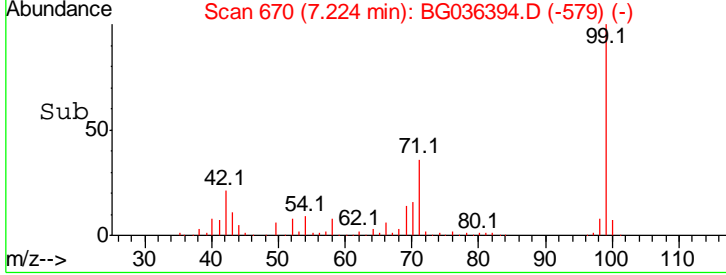
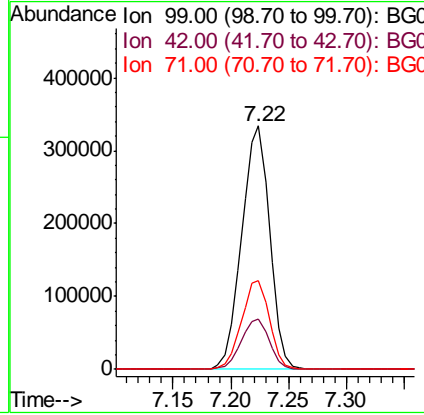
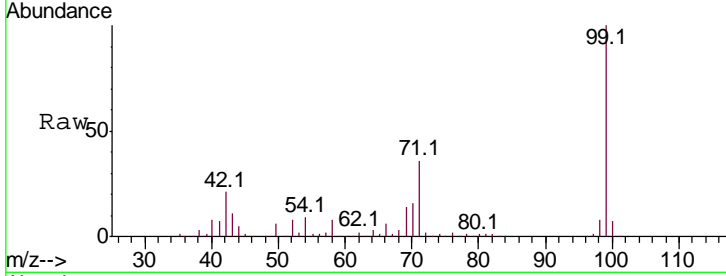




#7
 Phenol-d6
 Concen: 114.985 ng
 RT: 7.22 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BG036394.D
 Acq: 24 Aug 2018 2:03

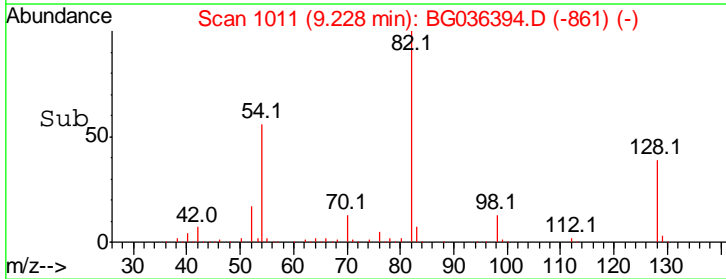
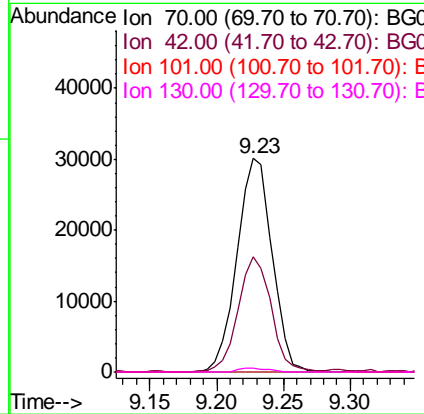
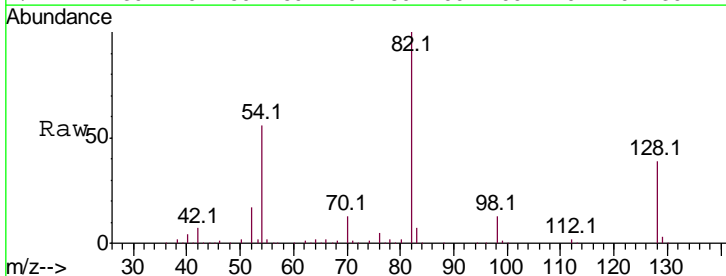
Instrument :
 BNA_G
 ClientSampled :

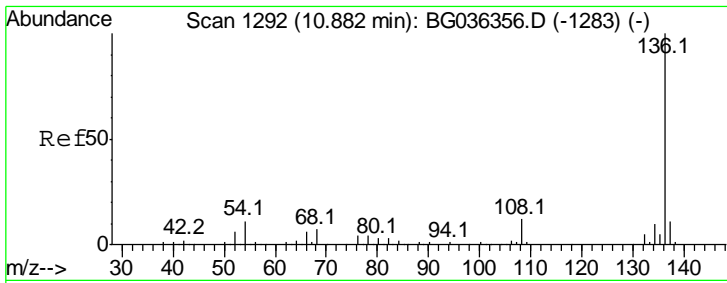
Tgt Ion	Resp	Lower	Upper
99	100		
42	20.8	16.5	24.7
71	36.3	29.4	44.2



#19
 n-Nitroso-di-n-propylamine
 Concen: 15.011 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. 0.35 min
 Lab File: BG036394.D
 Acq: 24 Aug 2018 2:03

Tgt Ion	Resp	Lower	Upper
70	100		
42	53.7	56.2	84.4#
101	0.0	7.8	11.6#
130	1.9	16.2	24.2#



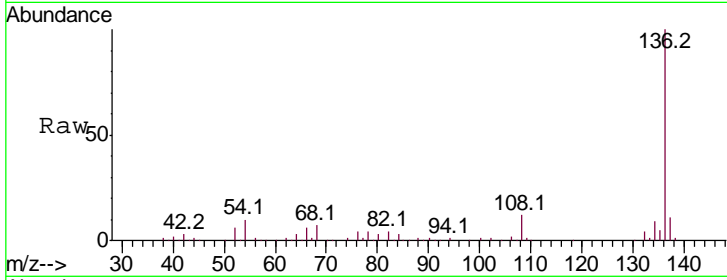


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.87 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BG036394.D
 Acq: 24 Aug 2018 2:03

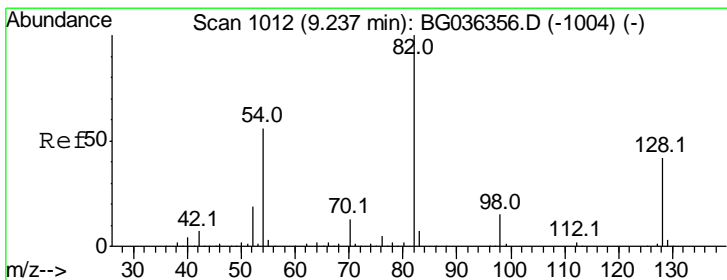
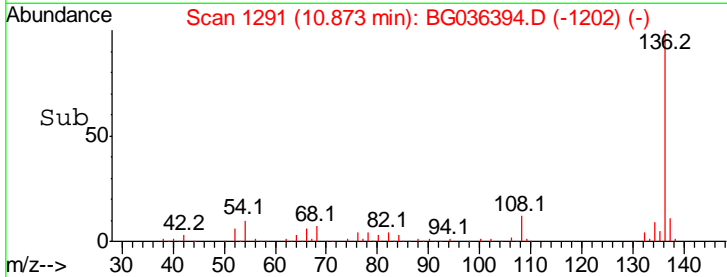
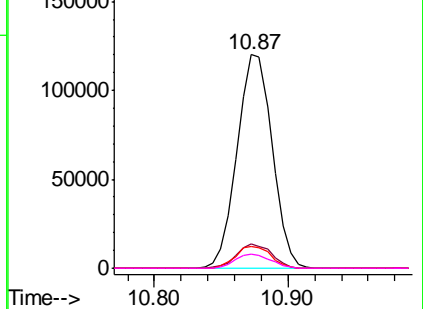
Instrument :
 BNA_G
 ClientSampled :

Tgt Ion: 136 Resp: 218851

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	10.4	9.2	13.8
68	6.6	5.8	8.6



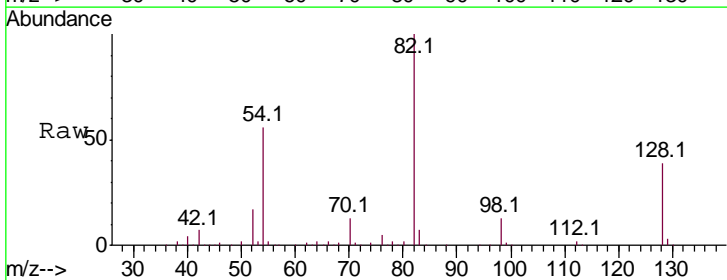
Abundance Ion 136.00 (135.70 to 136.70): E
 Ion 137.00 (136.70 to 137.70): E
 Ion 54.00 (53.70 to 54.70): BGC
 Ion 68.00 (67.70 to 68.70): BGC



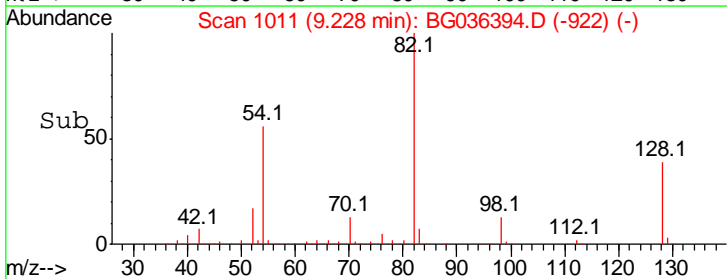
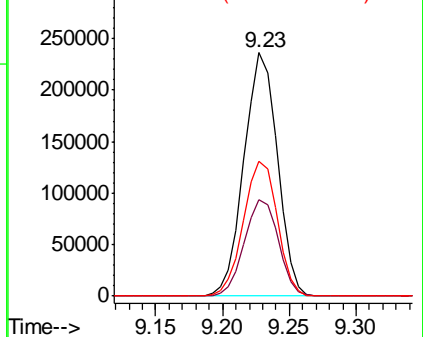
#23
 Nitrobenzene-d5
 Concen: 101.218 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG036394.D
 Acq: 24 Aug 2018 2:03

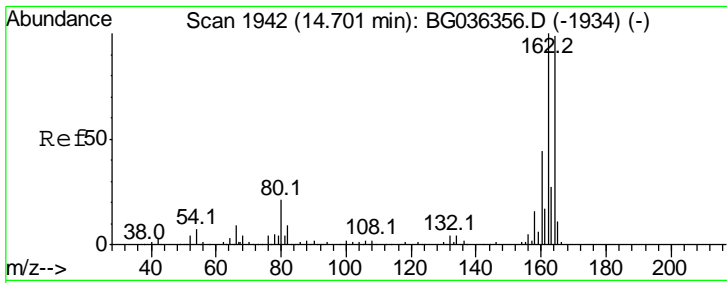
Tgt Ion: 82 Resp: 408274

Ion	Ratio	Lower	Upper
82	100		
128	39.5	33.3	49.9
54	55.5	45.1	67.7



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

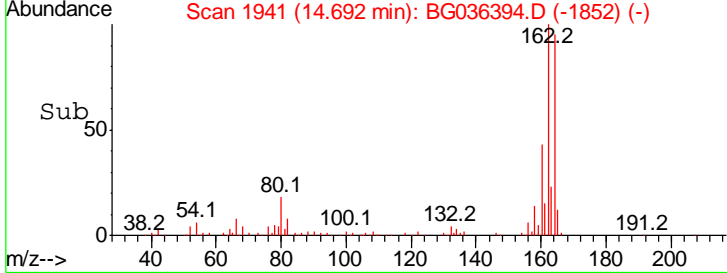
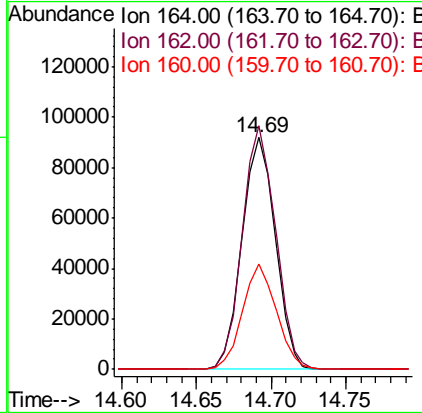
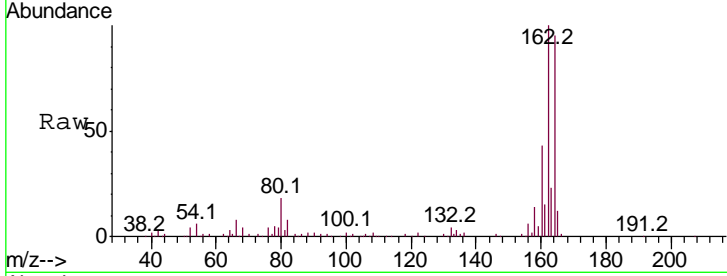




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1941
 Delta R.T. -0.01 min
 Lab File: BG036394.D
 Acq: 24 Aug 2018 2:03

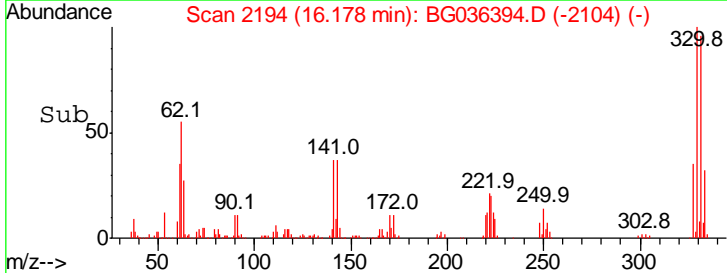
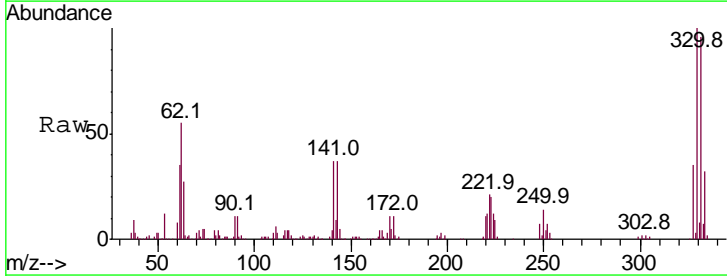
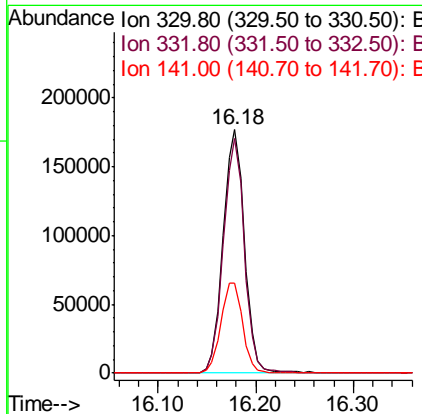
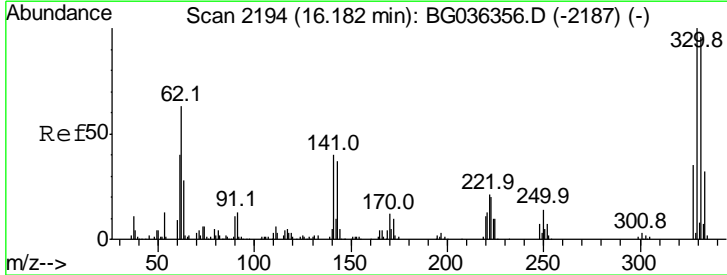
Instrument :
 BNA_G
 ClientSampled :

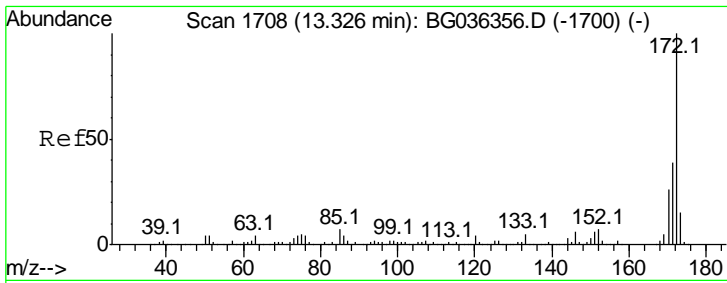
Tgt Ion	Resp	Lower	Upper
164	100		
162	105.0	80.7	121.1
160	45.4	35.3	52.9



#41
 2,4,6-Tribromophenol
 Concen: 158.880 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BG036394.D
 Acq: 24 Aug 2018 2:03

Tgt Ion	Resp	Lower	Upper
330	100		
332	94.9	75.4	113.2
141	37.7	30.7	46.1

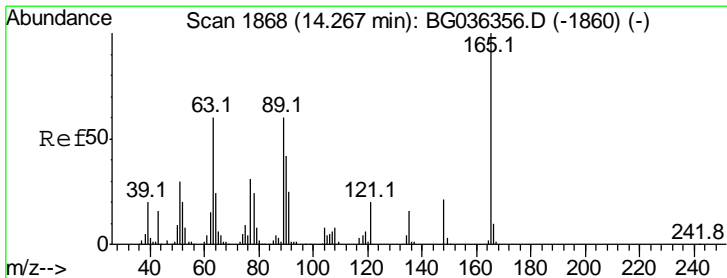
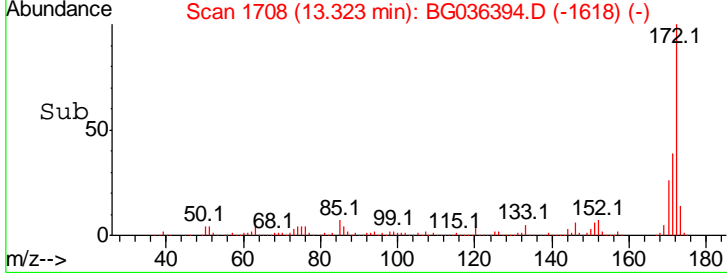
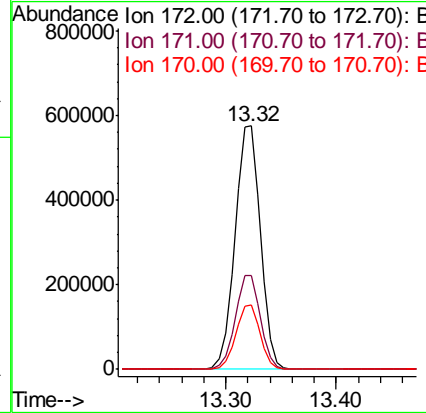
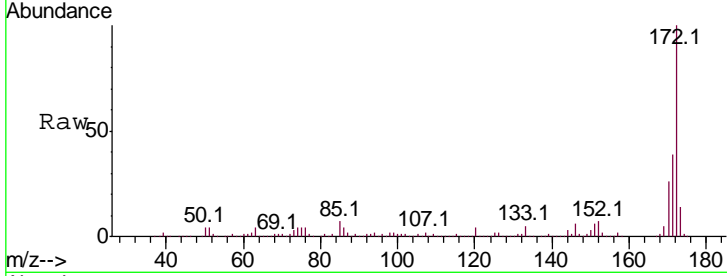




#44
 2-Fluorobiphenyl
 Concen: 93.253 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG036394.D
 Acq: 24 Aug 2018 2:03

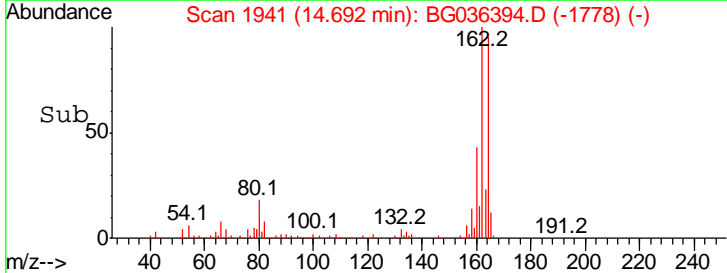
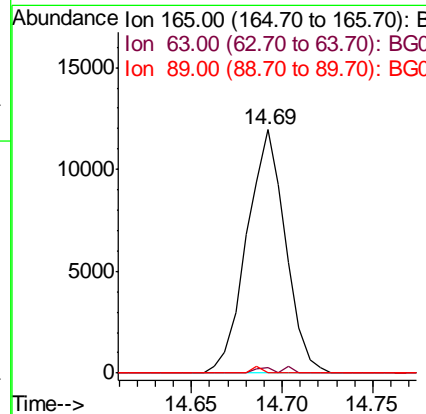
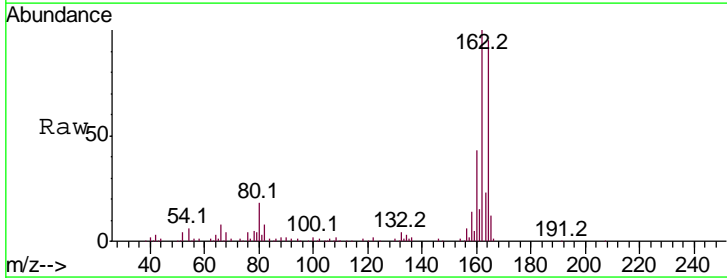
Instrument :
 BNA_G
 ClientSampled :

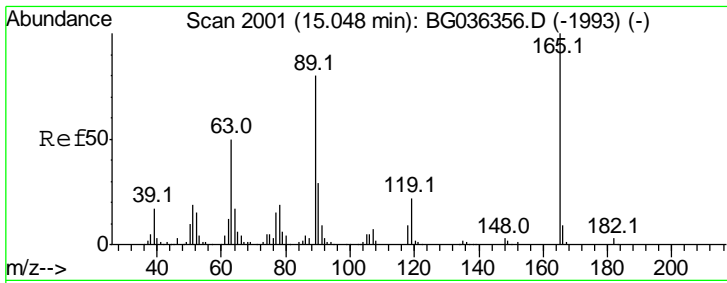
Tgt Ion	Resp	Lower	Upper
172	100		
171	38.6	31.3	46.9
170	26.3	21.0	31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.438 ng
 RT: 14.69 min Scan# 1941
 Delta R.T. 0.43 min
 Lab File: BG036394.D
 Acq: 24 Aug 2018 2:03

Tgt Ion	Resp	Lower	Upper
165	100		
63	2.3	50.1	75.1#
89	0.0	47.8	71.6#

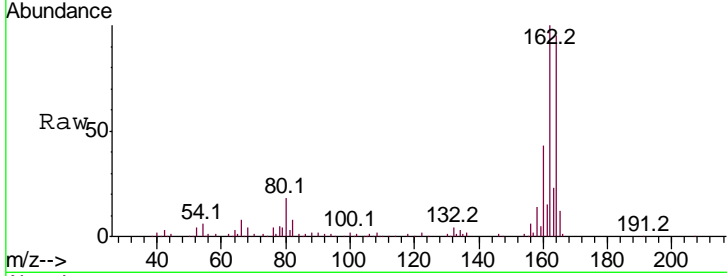




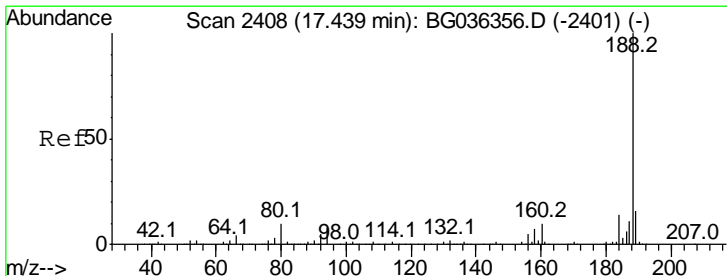
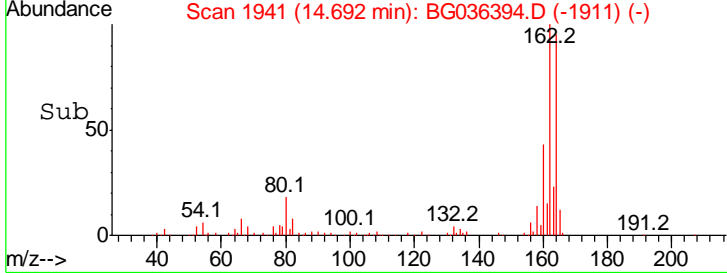
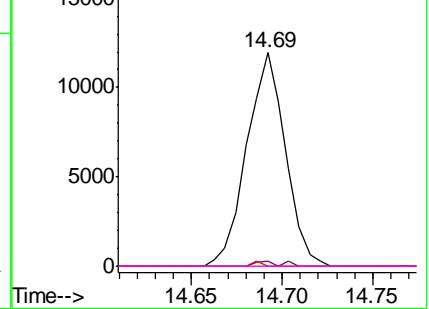
#56
 2,4-Dinitrotoluene
 Concen: 5.707 ng
 RT: 14.69 min Scan# 1941
 Delta R.T. -0.36 min
 Lab File: BG036394.D
 Acq: 24 Aug 2018 2:03

Instrument :
 BNA_G
 ClientSampled :

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#

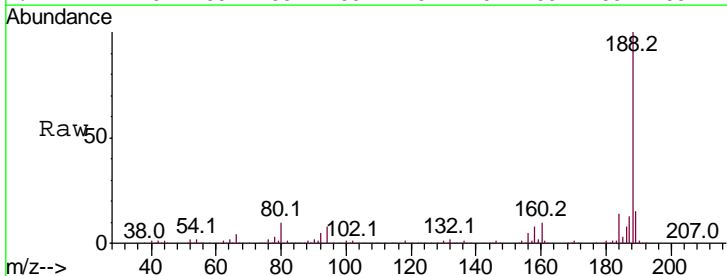


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

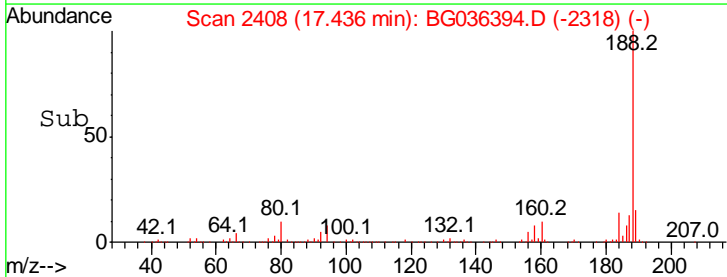
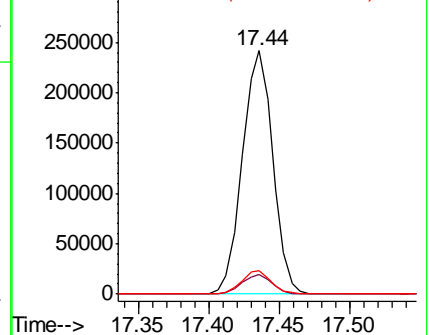


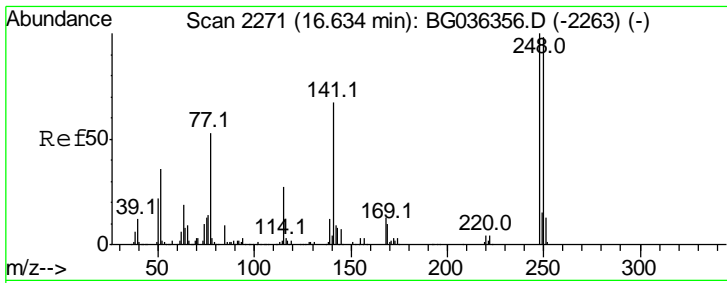
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2408
 Delta R.T. -0.00 min
 Lab File: BG036394.D
 Acq: 24 Aug 2018 2:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	9.6	8.1	12.1



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

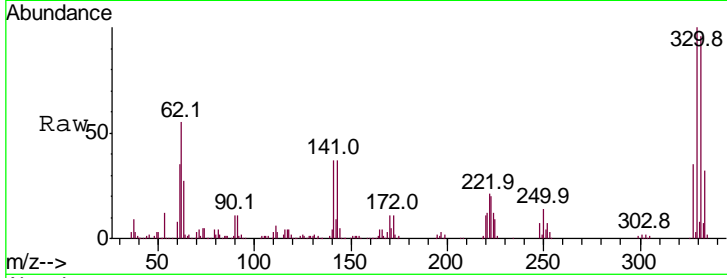




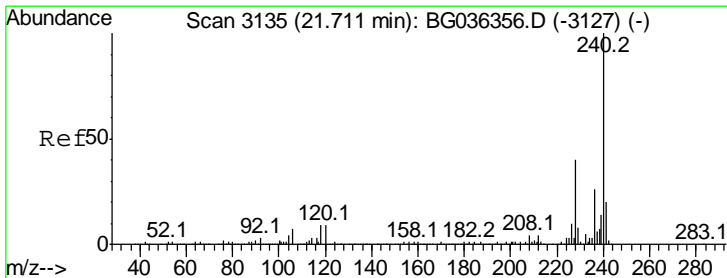
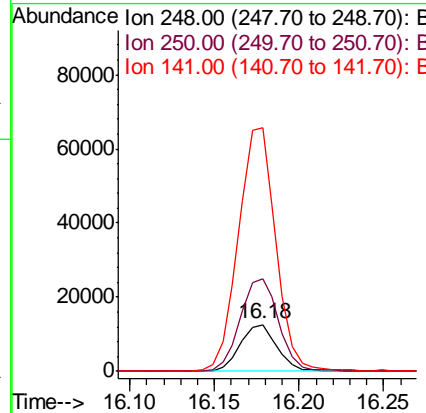
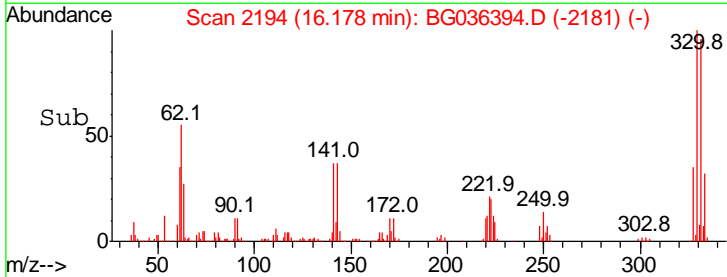
#66
 4-Bromophenyl-phenylether
 Concen: 4.423 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.46 min
 Lab File: BG036394.D
 Acq: 24 Aug 2018 2:03

Instrument :
 BNA_G
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
248	18820		
250	198.9	78.1	117.1#
141	521.7	53.7	80.5#

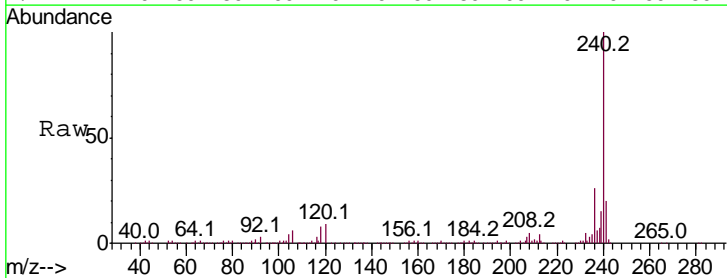


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

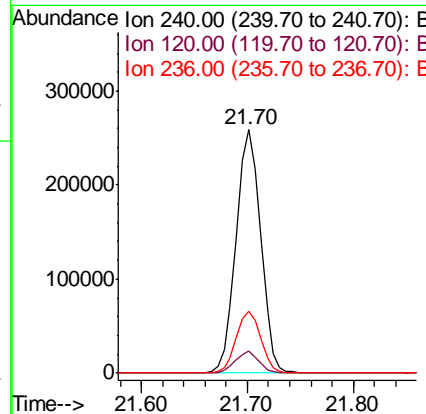
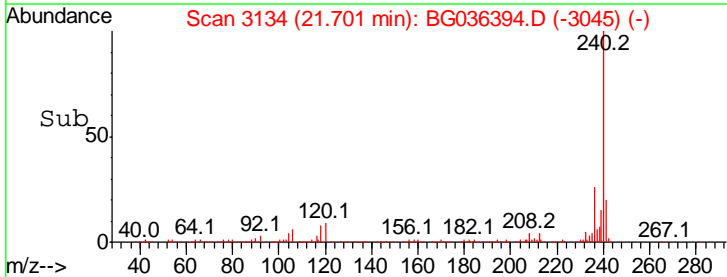


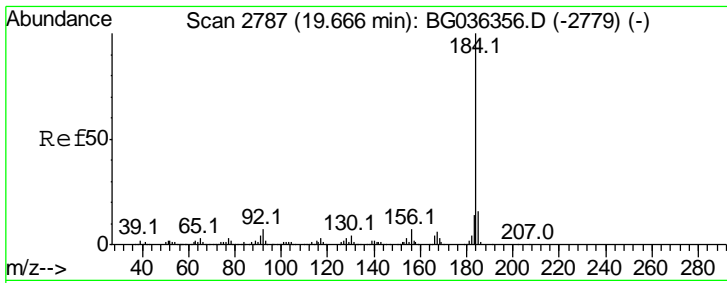
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3134
 Delta R.T. -0.01 min
 Lab File: BG036394.D
 Acq: 24 Aug 2018 2:03

Tgt Ion	Resp	Lower	Upper
240	416880		
240	100		
120	9.0	6.9	10.3
236	25.5	21.2	31.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

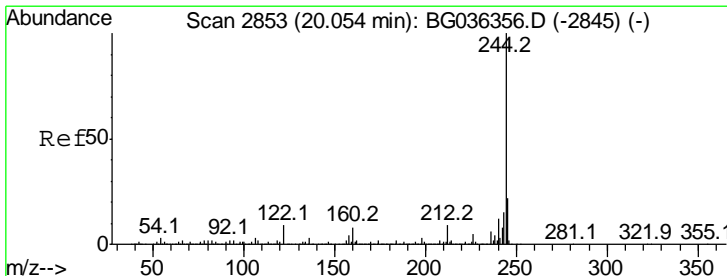
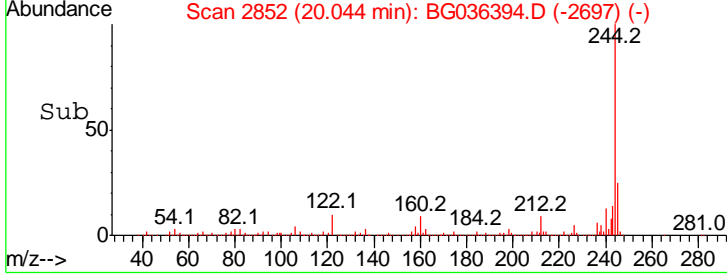
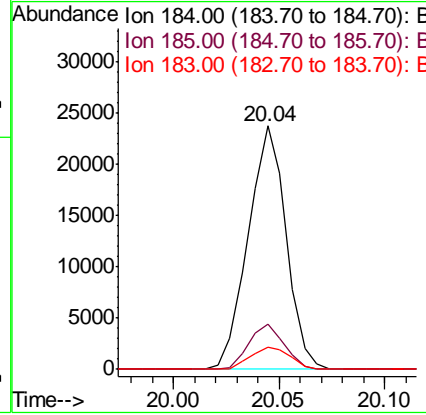
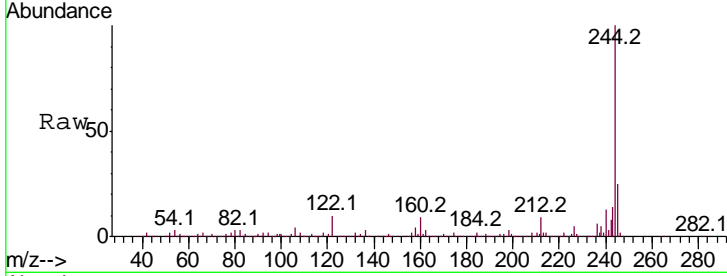




#76
 Benzidine
 Concen: 2.221 ng
 RT: 20.04 min Scan# 2852
 Delta R.T. 0.38 min
 Lab File: BG036394.D
 Acq: 24 Aug 2018 2:03

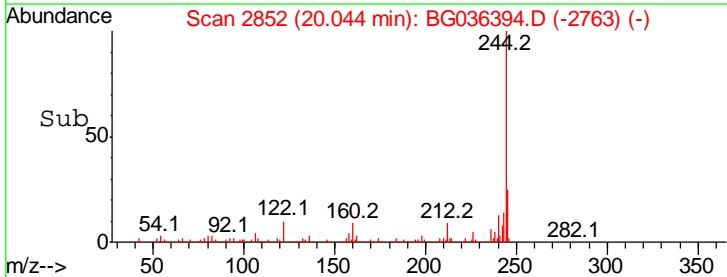
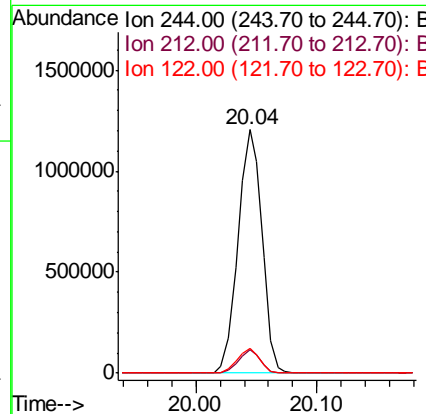
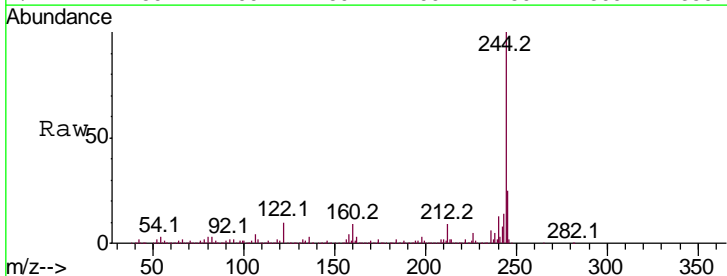
Instrument :
 BNA_G
 ClientSampled :

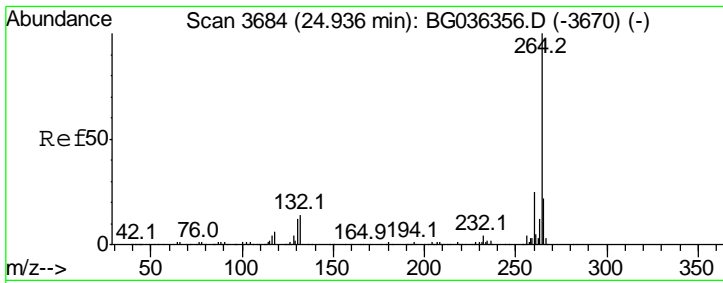
Tgt Ion	Resp	Lower	Upper
184	100		
185	18.6	12.6	18.8
183	9.4	10.9	16.3#



#78
 Terphenyl-d14
 Concen: 93.141 ng
 RT: 20.04 min Scan# 2852
 Delta R.T. -0.01 min
 Lab File: BG036394.D
 Acq: 24 Aug 2018 2:03

Tgt Ion	Resp	Lower	Upper
244	100		
212	9.4	7.0	10.6
122	10.0	7.1	10.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3682
 Delta R.T. -0.02 min
 Lab File: BG036394.D
 Acq: 24 Aug 2018 2:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
423295	264	100		
	260	23.1	19.6	29.4
	265	21.7	17.4	26.0

