

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034143.D
 Acq On : 3 May 2018 9:31
 Operator : SJ/JU
 Sample : J2665-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 03 11:53:16 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 19:08:03 2018
 Response via : Initial Calibration

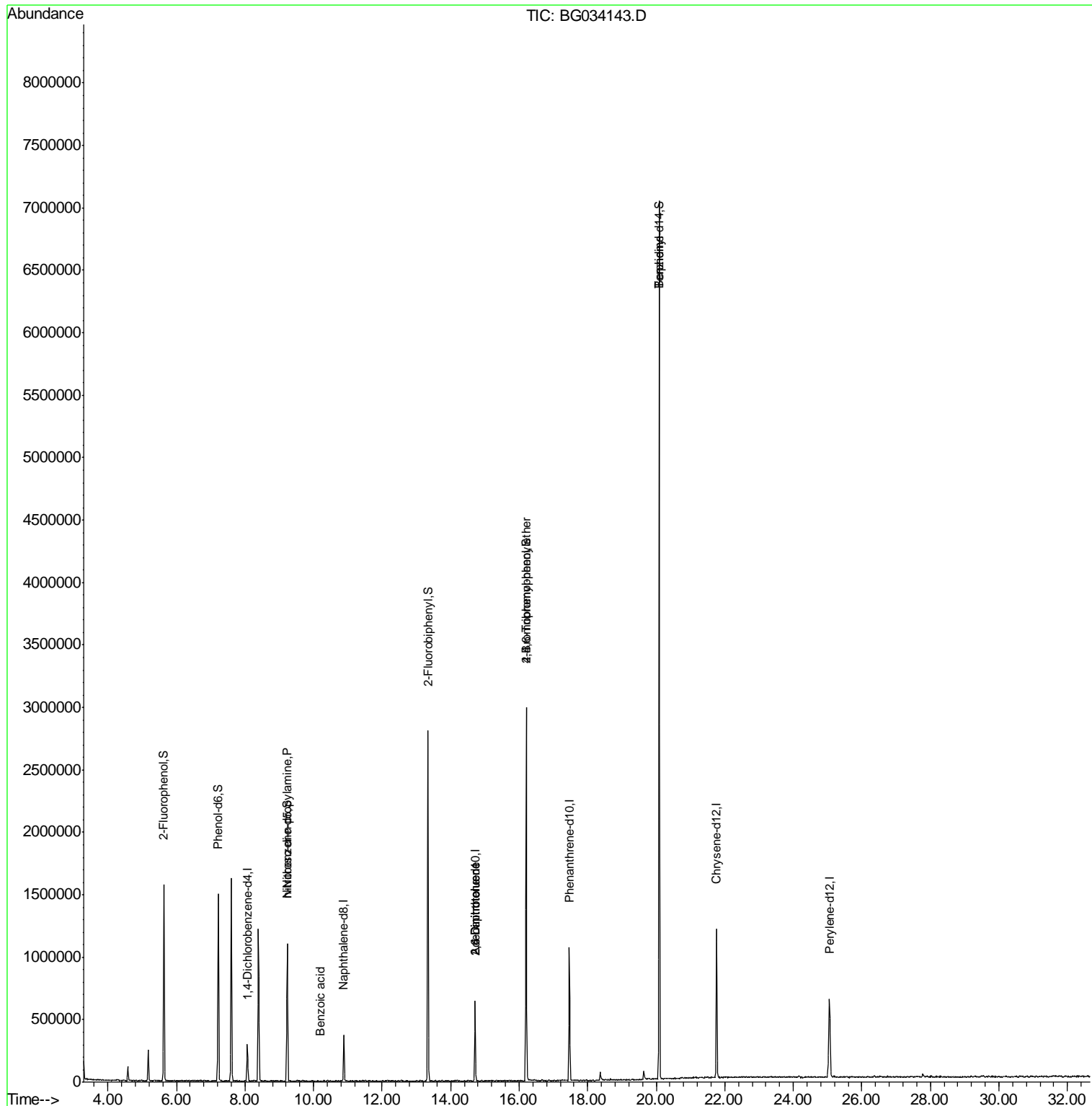
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	68665	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	268481	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	212712	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	641420	20.00	ng	0.00
75) Chrysene-d12	21.76	240	752489	20.00	ng	0.00
86) Perylene-d12	25.06	264	733490	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	571094	134.37	ng	0.00
7) Phenol-d6	7.22	99	762659	115.27	ng	0.00
23) Nitrobenzene-d5	9.23	82	660510	94.39	ng	0.00
41) 2,4,6-Tribromophenol	16.20	330	448926	152.41	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1355040	92.83	ng	0.00
78) Terphenyl-d14	20.09	244	2970237	86.47	ng	0.00
Target Compounds						
9) Benzaldehyde	7.23	77	2274	Below Cal		5
19) n-Nitroso-di-n-propylamine	9.23	70	102149	17.191	ng	77
32) Benzoic acid	10.20	122	170	3.166	ng	1
50) 2,6-Dinitrotoluene	14.71	165	29108	8.217	ng	19
56) 2,4-Dinitrotoluene	14.71	165	29108	6.051	ng	17
66) 4-Bromophenyl-phenylether	16.20	248	38200	4.797	ng	1
76) Benzidine	20.09	184	64648	3.335	ng	94

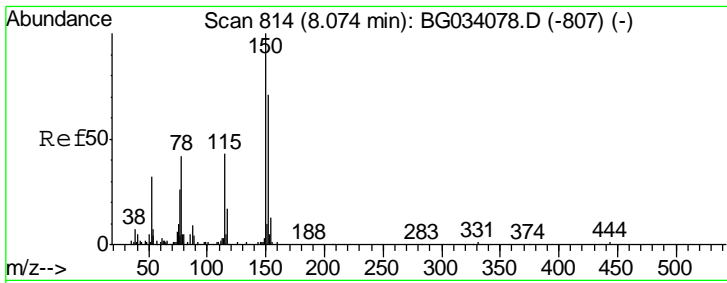
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 BNA_G
 ClientSampled :

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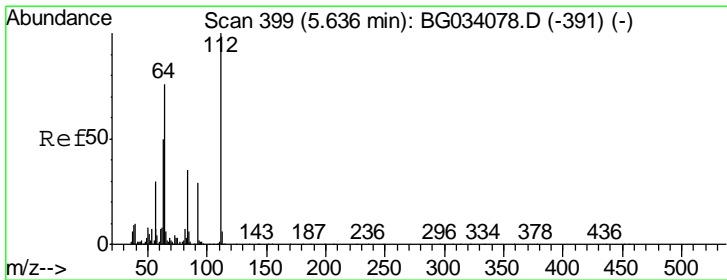
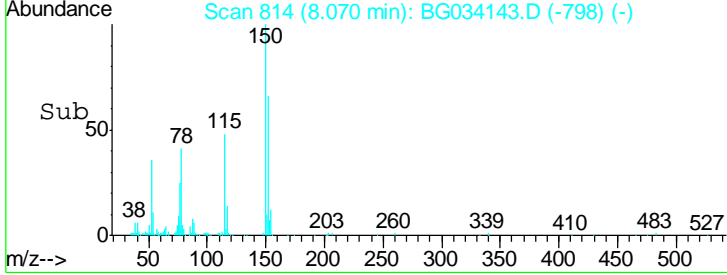
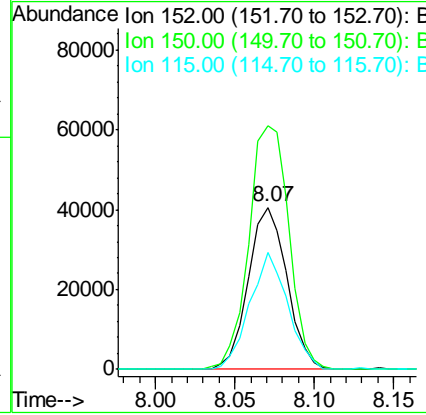
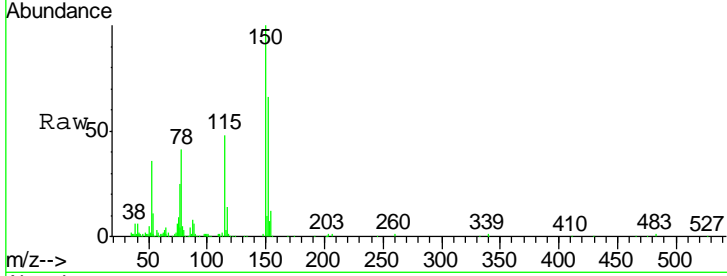




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BG034143.D
 Acq: 3 May 2018 9:31

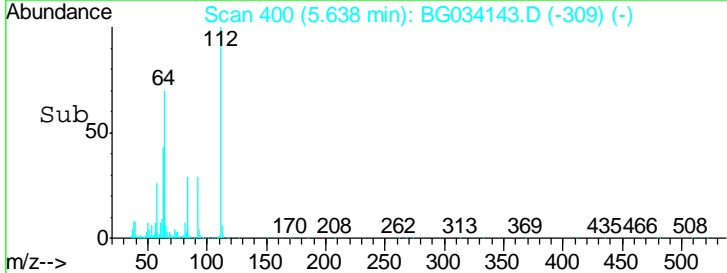
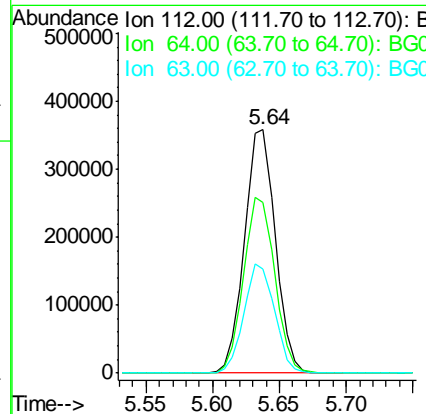
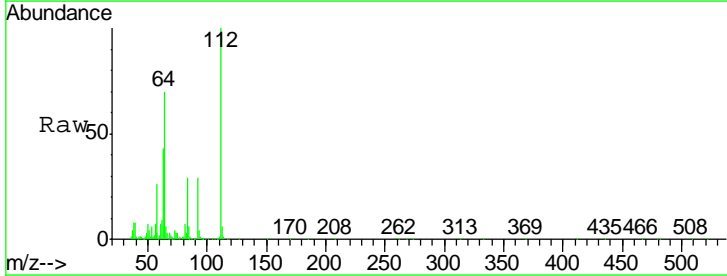
Instrument :
 BNA_G
 ClientSampled :

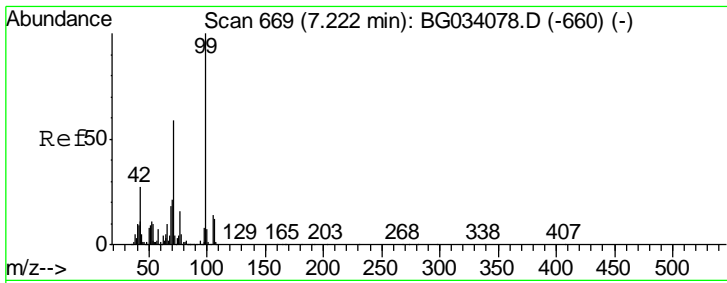
Tgt Ion	Resp	Lower	Upper
152	68665		
150	100	126.6	189.8
115	72.5	53.0	79.4



#5
 2-Fluorophenol
 Concen: 134.374 ng
 RT: 5.64 min Scan# 400
 Delta R.T. 0.00 min
 Lab File: BG034143.D
 Acq: 3 May 2018 9:31

Tgt Ion	Resp	Lower	Upper
112	571094		
64	100	56.3	84.5
63	42.6	30.1	45.1

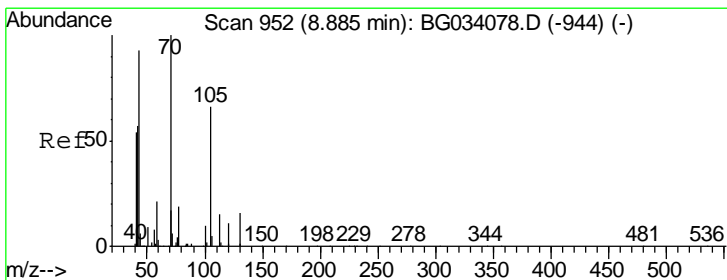
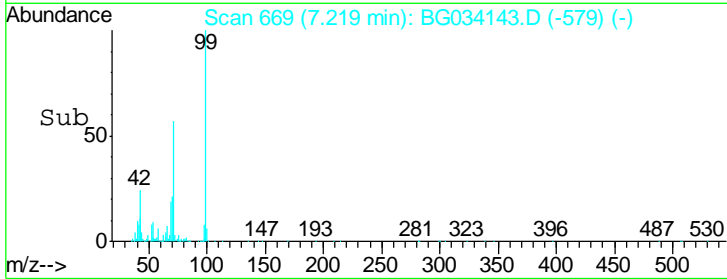
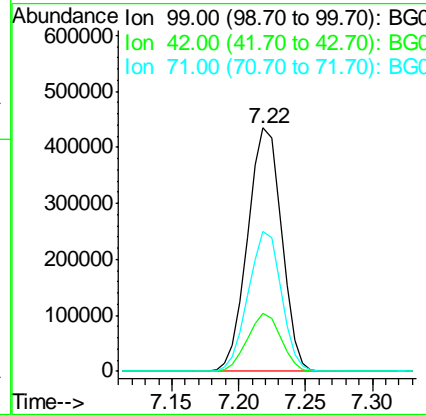
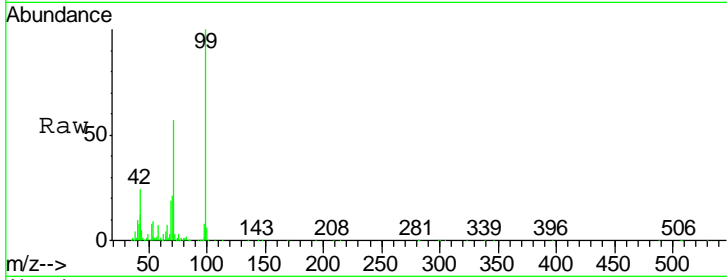




#7
 Phenol-d6
 Concen: 115.266 ng
 RT: 7.22 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BG034143.D
 Acq: 3 May 2018 9:31

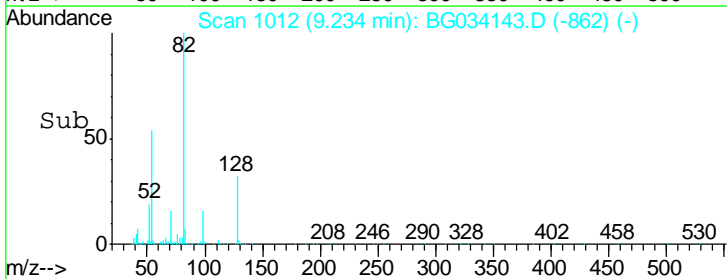
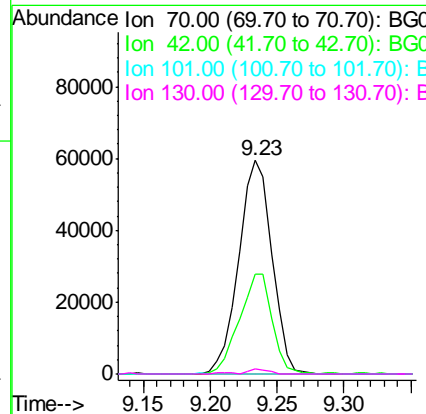
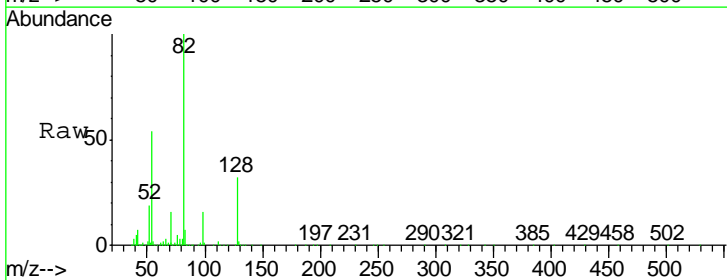
Instrument :
 BNA_G
 ClientSampled :

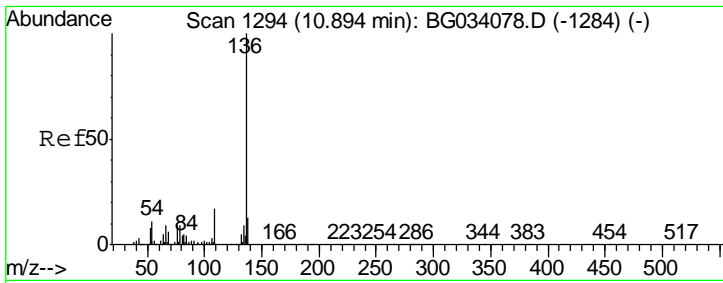
Tgt Ion	Resp	Lower	Upper
99	100		
42	23.8	14.1	21.1#
71	57.5	26.1	39.1#



#19
 n-Nitroso-di-n-propylamine
 Concen: 17.191 ng
 RT: 9.23 min Scan# 1012
 Delta R.T. 0.35 min
 Lab File: BG034143.D
 Acq: 3 May 2018 9:31

Tgt Ion	Resp	Lower	Upper
70	100		
42	46.6	49.1	73.7#
101	0.0	8.5	12.7#
130	2.7	13.4	20.0#

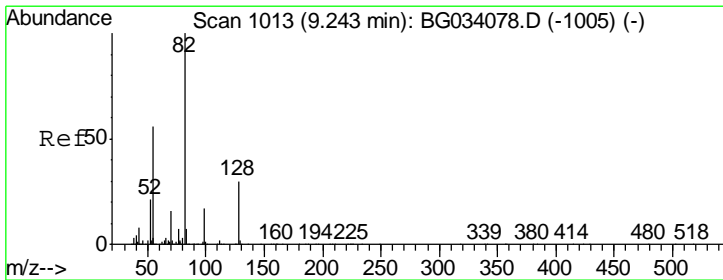
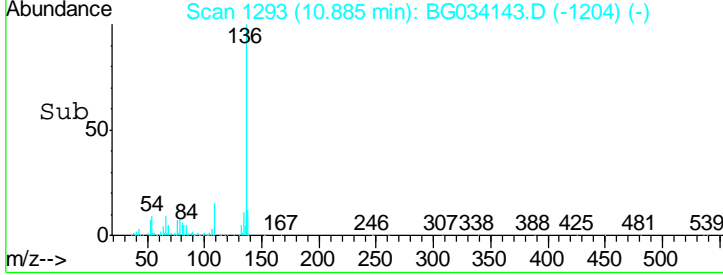
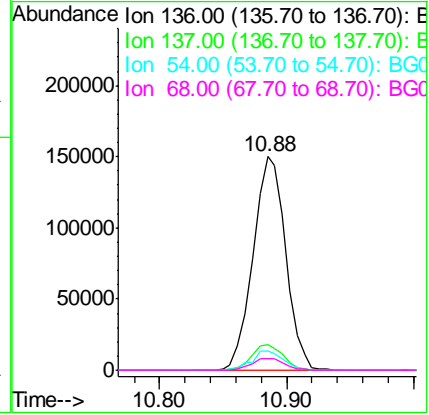
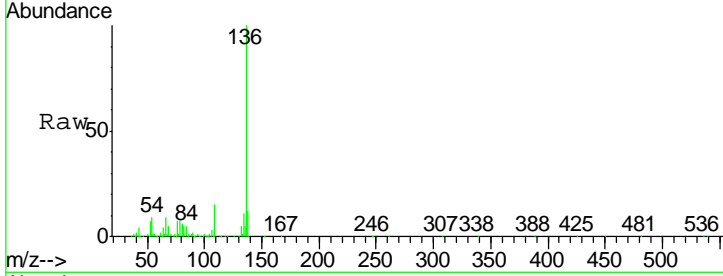




#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.88 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BG034143.D
 Acq: 3 May 2018 9:31

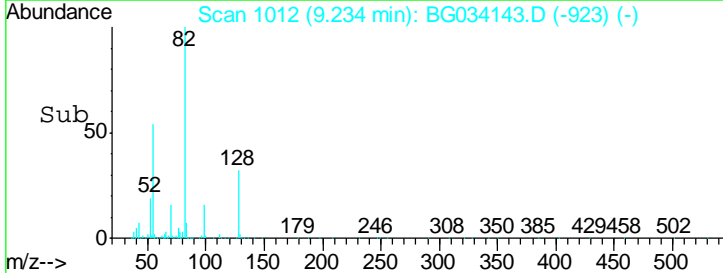
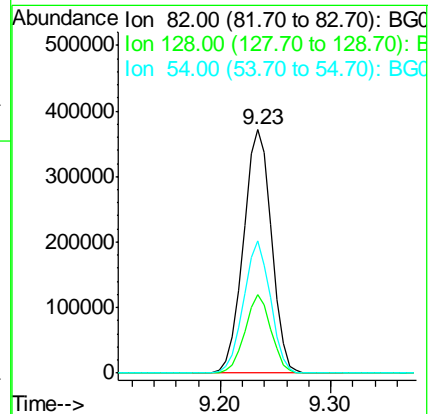
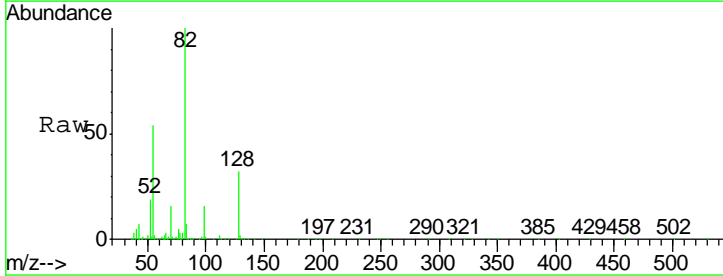
Instrument :
 BNA_G
 ClientSampled :

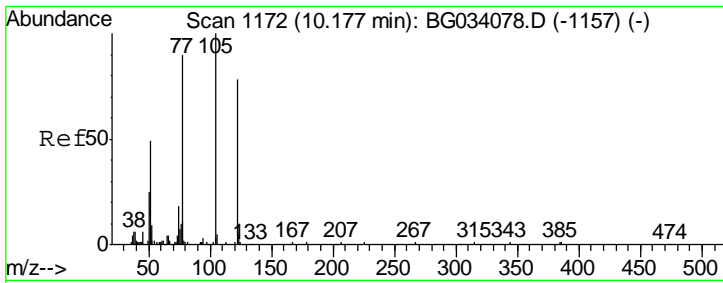
Tgt Ion	Resp	Lower	Upper
136	100		
137	12.1	9.2	13.8
54	9.3	10.3	15.5#
68	5.2	4.5	6.7



#23
 Nitrobenzene-d5
 Concen: 94.392 ng
 RT: 9.23 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BG034143.D
 Acq: 3 May 2018 9:31

Tgt Ion	Resp	Lower	Upper
82	100		
128	32.1	29.7	44.5
54	54.3	43.1	64.7

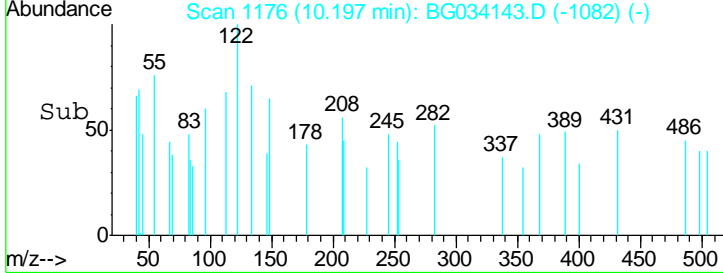
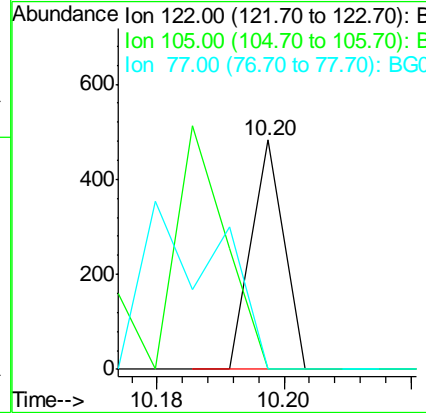
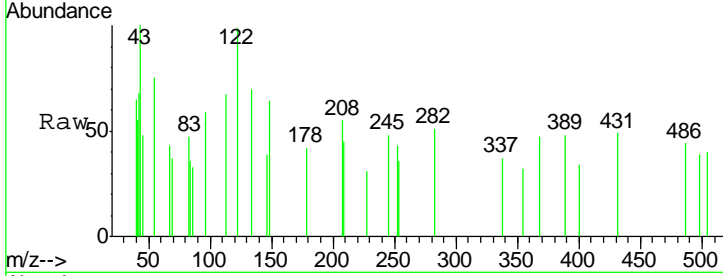




#32
 Benzoic acid
 Concen: 3.166 ng
 RT: 10.20 min Scan# 1176
 Delta R.T. 0.02 min
 Lab File: BG034143.D
 Acq: 3 May 2018 9:31

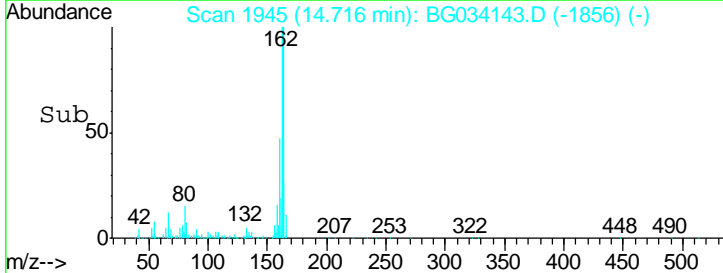
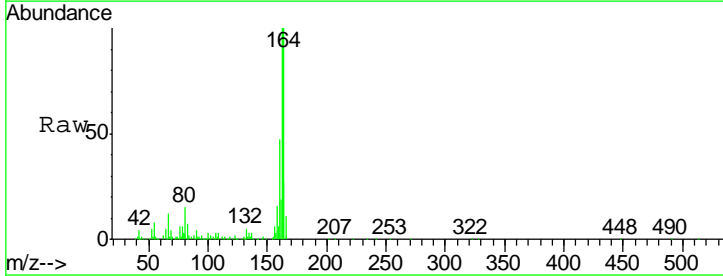
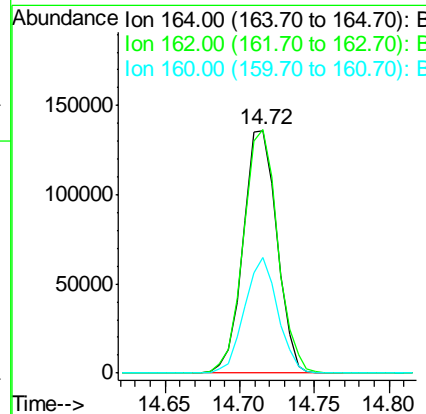
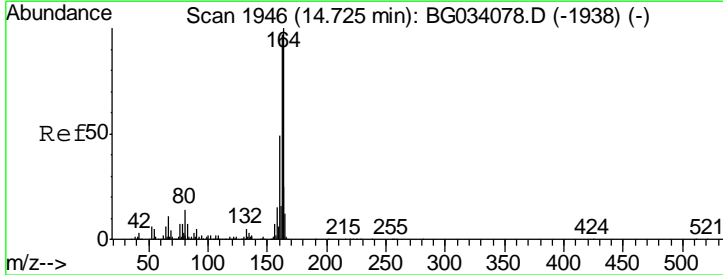
Instrument :
 BNA_G
 ClientSampled :

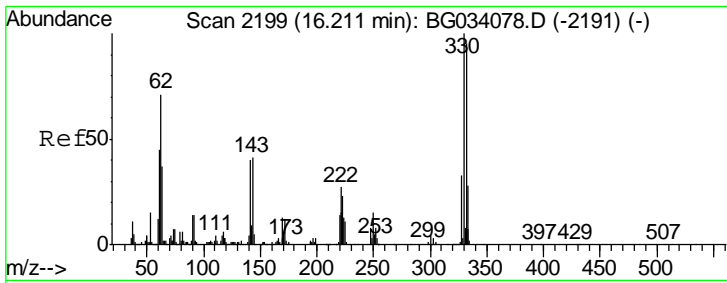
Tgt Ion	Resp	Lower	Upper
122	170		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BG034143.D
 Acq: 3 May 2018 9:31

Tgt Ion	Resp	Lower	Upper
164	212712		
162	100.3	78.8	118.2
160	47.4	35.4	53.0

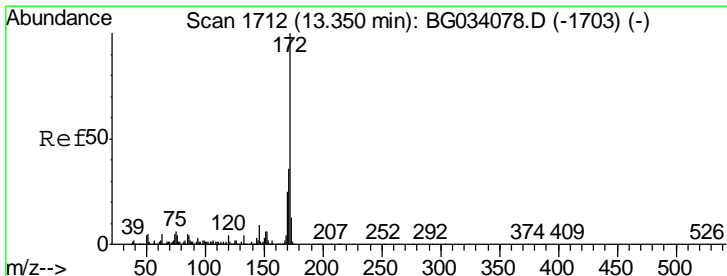
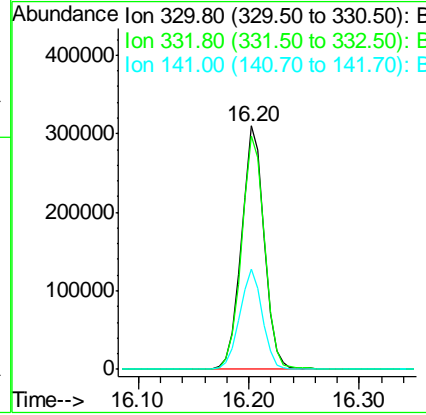
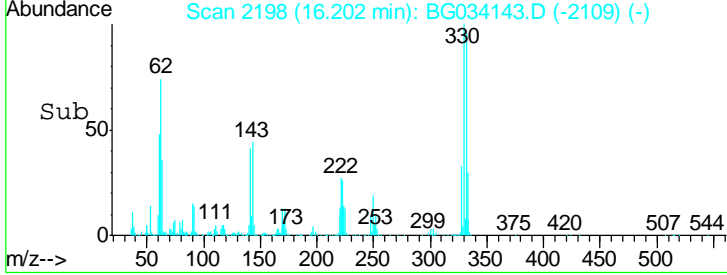
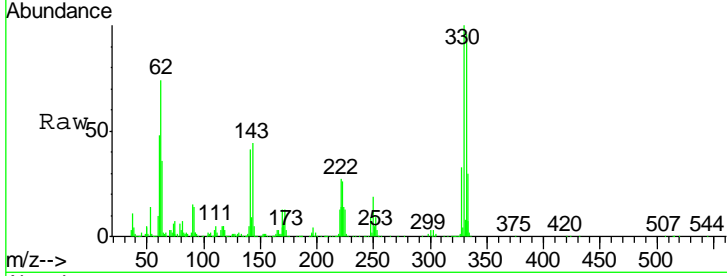




#41
 2,4,6-Tribromophenol
 Concen: 152.414 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG034143.D
 Acq: 3 May 2018 9:31

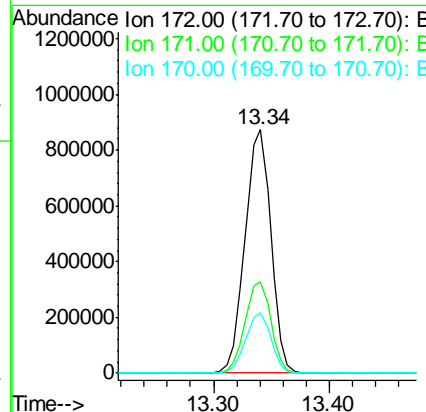
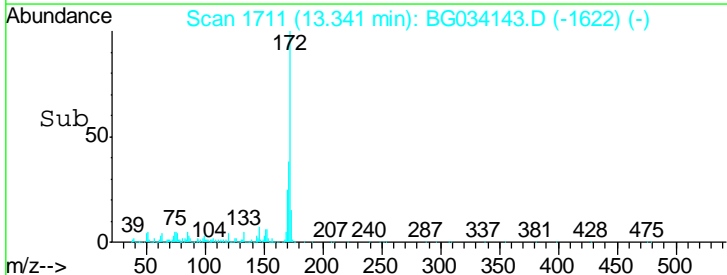
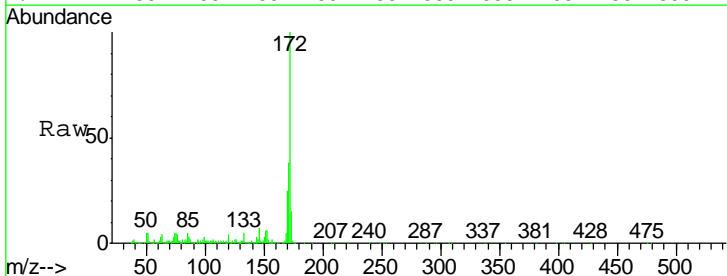
Instrument :
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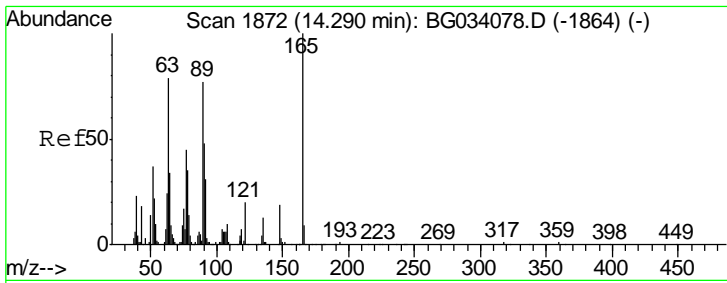
Tgt Ion	Resp	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	41.4	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 92.825 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG034143.D
 Acq: 3 May 2018 9:31

Tgt Ion	Resp	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	25.0	19.5	29.3

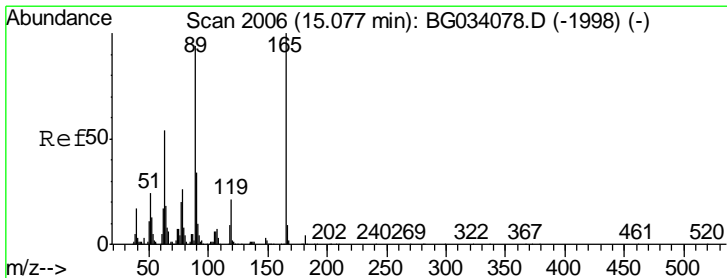
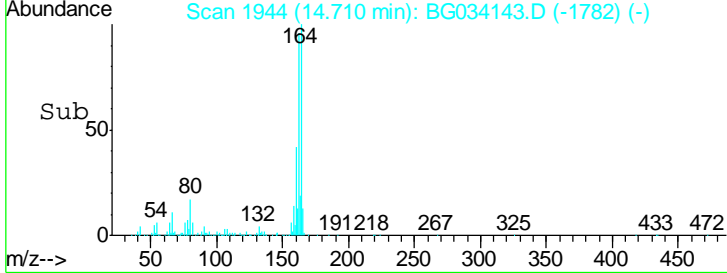
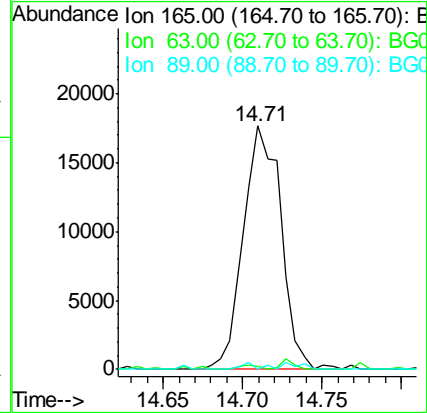
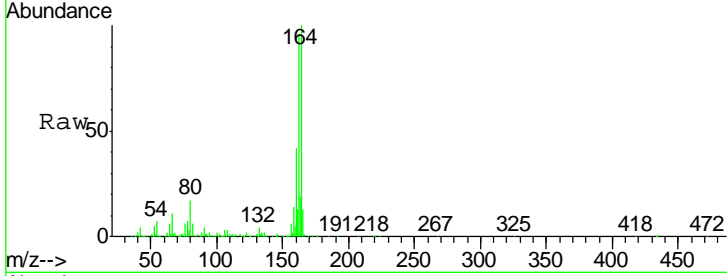




#50
 2,6-Dinitrotoluene
 Concen: 8.217 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. 0.42 min
 Lab File: BG034143.D
 Acq: 3 May 2018 9:31

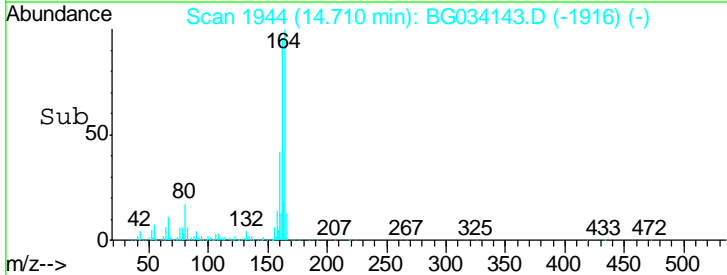
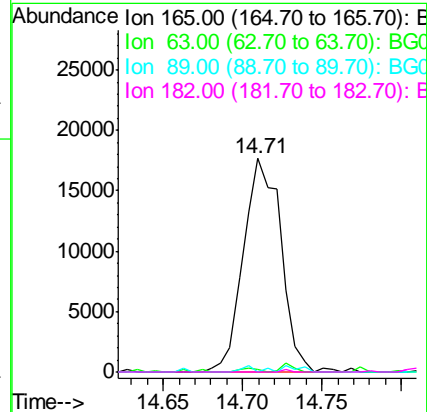
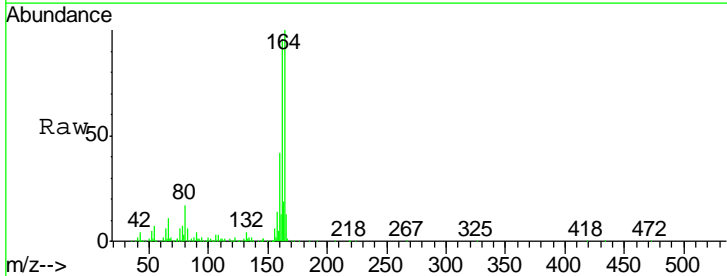
Instrument :
 BNA_G
 ClientSampled :

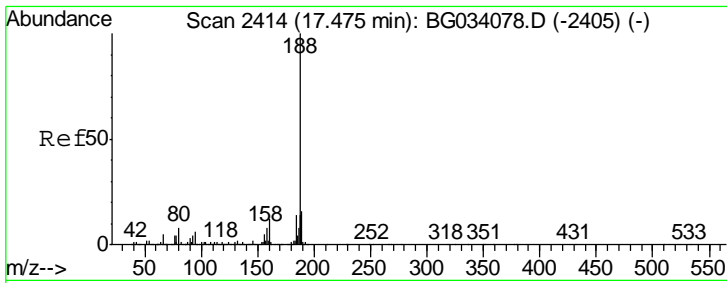
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	52.7	79.1#
89	0.0	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 6.051 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. -0.37 min
 Lab File: BG034143.D
 Acq: 3 May 2018 9:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

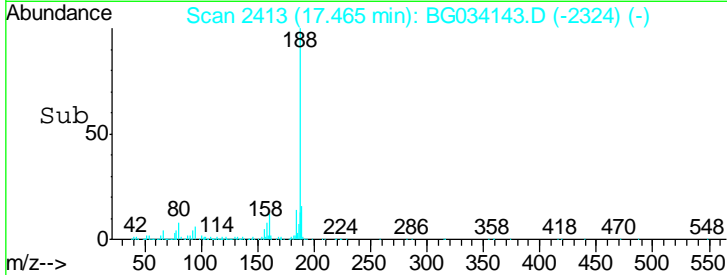
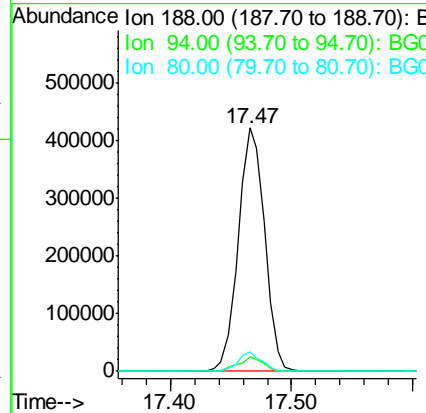
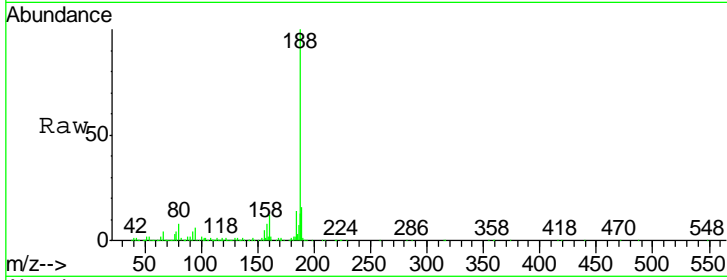




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG034143.D
 Acq: 3 May 2018 9:31

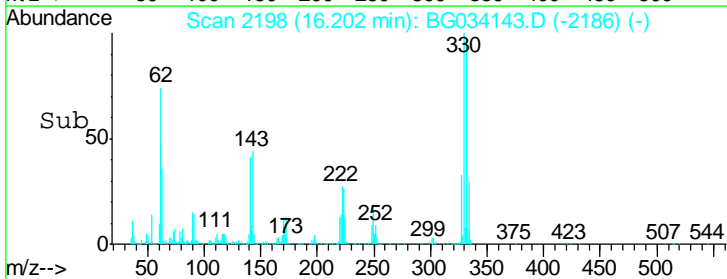
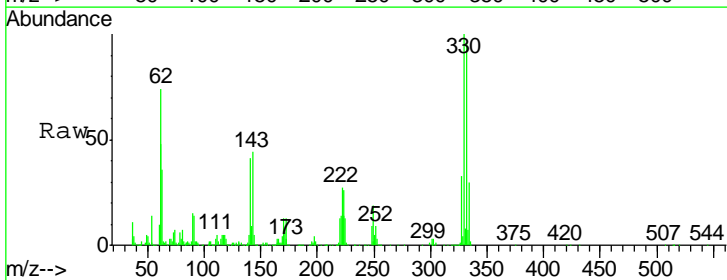
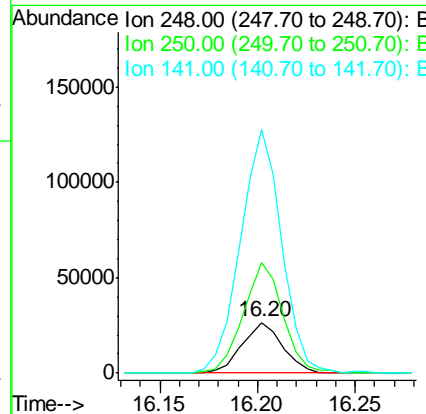
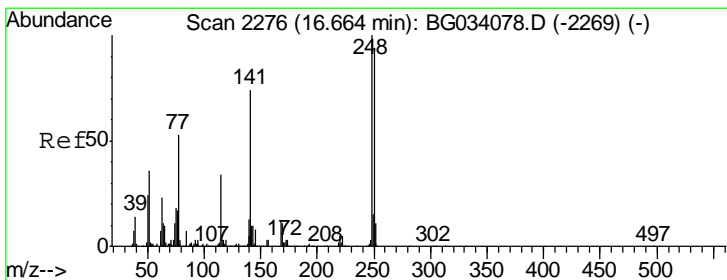
Instrument :
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 ClientSampled :

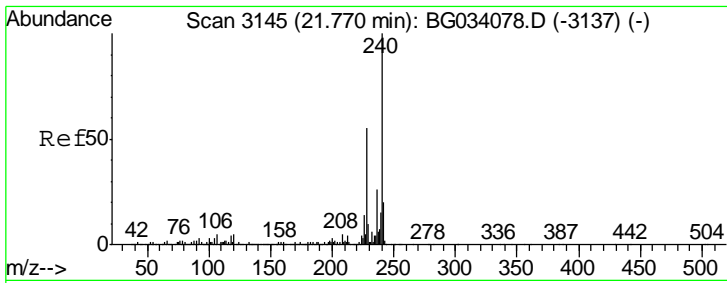
Tgt Ion	Resp	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	8.3	7.7	11.5



#66
 4-Bromophenyl-phenylether
 Concen: 4.797 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.46 min
 Lab File: BG034143.D
 Acq: 3 May 2018 9:31

Tgt Ion	Resp	Lower	Upper
248	100		
250	217.2	77.1	115.7#
141	477.8	50.8	76.2#

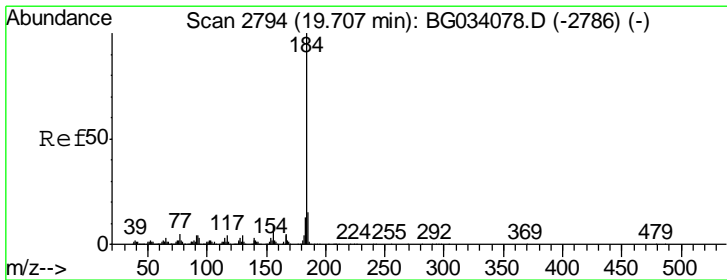
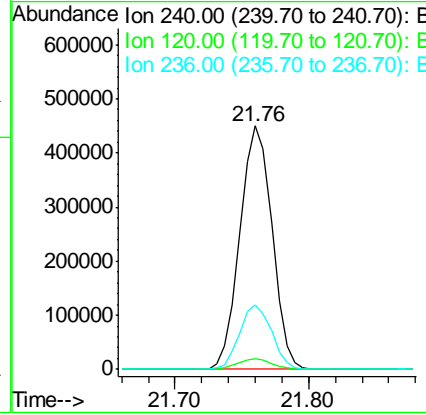
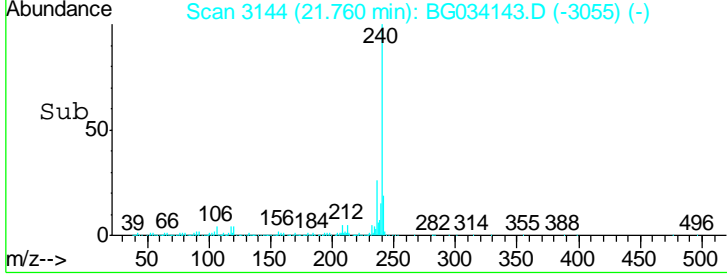
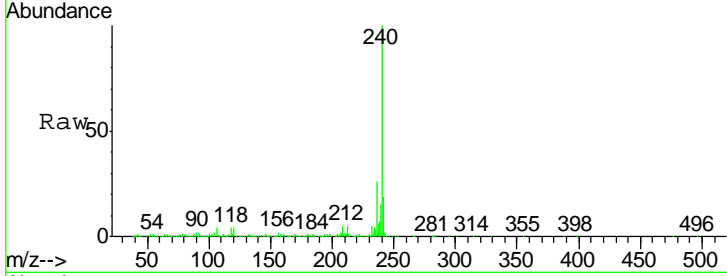




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG034143.D
 Acq: 3 May 2018 9:31

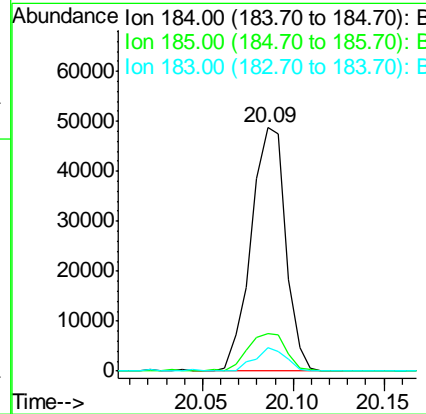
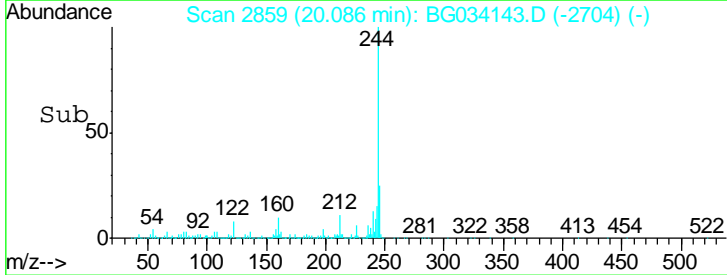
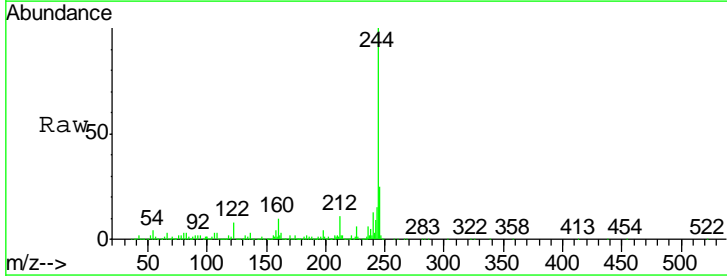
Instrument :
 BNA_G
 ClientSampled :

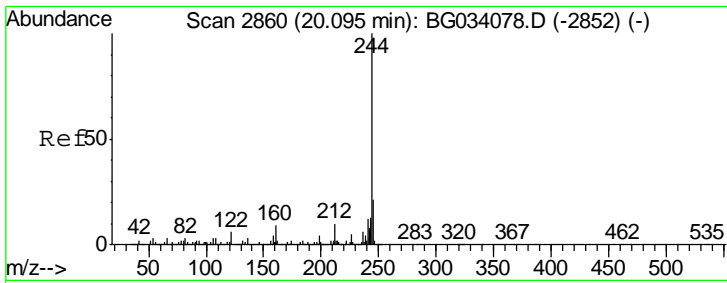
Tgt Ion	Resp	Lower	Upper
240	100		
120	4.3	6.8	10.2#
236	26.4	20.9	31.3



#76
 Benzidine
 Concen: 3.335 ng
 RT: 20.09 min Scan# 2859
 Delta R.T. 0.38 min
 Lab File: BG034143.D
 Acq: 3 May 2018 9:31

Tgt Ion	Resp	Lower	Upper
184	100		
185	15.4	11.1	16.7
183	9.7	10.6	16.0#



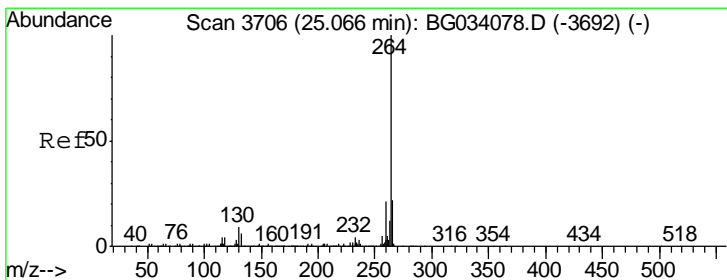
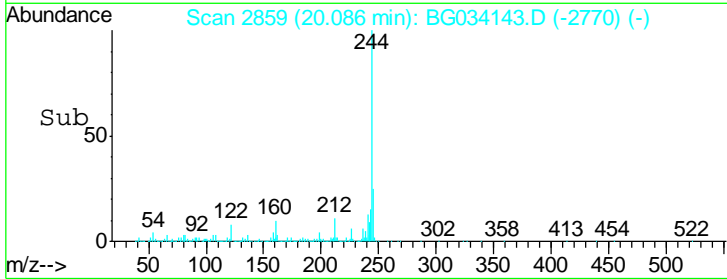
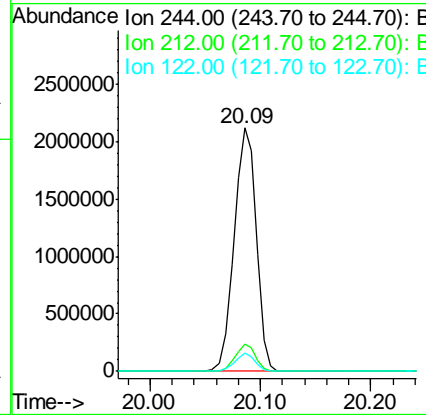
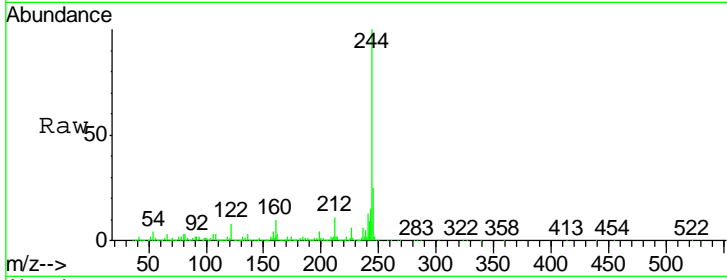


#78
 Terphenyl-d14
 Concen: 86.470 ng
 RT: 20.09 min Scan# 2859
 Delta R.T. -0.01 min
 Lab File: BG034143.D
 Acq: 3 May 2018 9:31

Instrument :
 BNA_G
 ClientSampled :

Tgt Ion: 244 Resp: 2970237

Ion	Ratio	Lower	Upper
244	100		
212	11.3	5.8	8.8#
122	7.6	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.06 min Scan# 3705
 Delta R.T. -0.01 min
 Lab File: BG034143.D
 Acq: 3 May 2018 9:31

Tgt Ion: 264 Resp: 733490

Ion	Ratio	Lower	Upper
264	100		
260	21.6	17.4	26.0
265	20.2	17.7	26.5

