

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG030218\
 Data File : BG032973.D
 Acq On : 3 Mar 2018 9:13
 Operator : SJ/JU
 Sample : J1751-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 05 01:36:02 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	62512	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	269902	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	147663	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	343617	20.00	ng	0.00
75) Chrysene-d12	22.61	240	318491	20.00	ng	-0.01
86) Perylene-d12	26.42	264	287488	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.33	112	539359	138.04	ng	0.00
7) Phenol-d6	8.01	99	656892	120.61	ng	0.00
23) Nitrobenzene-d5	10.11	82	464583	115.43	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	225219	145.06	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	986723	96.38	ng	0.00
78) Terphenyl-d14	20.78	244	1454717	102.62	ng	0.00

Target Compounds

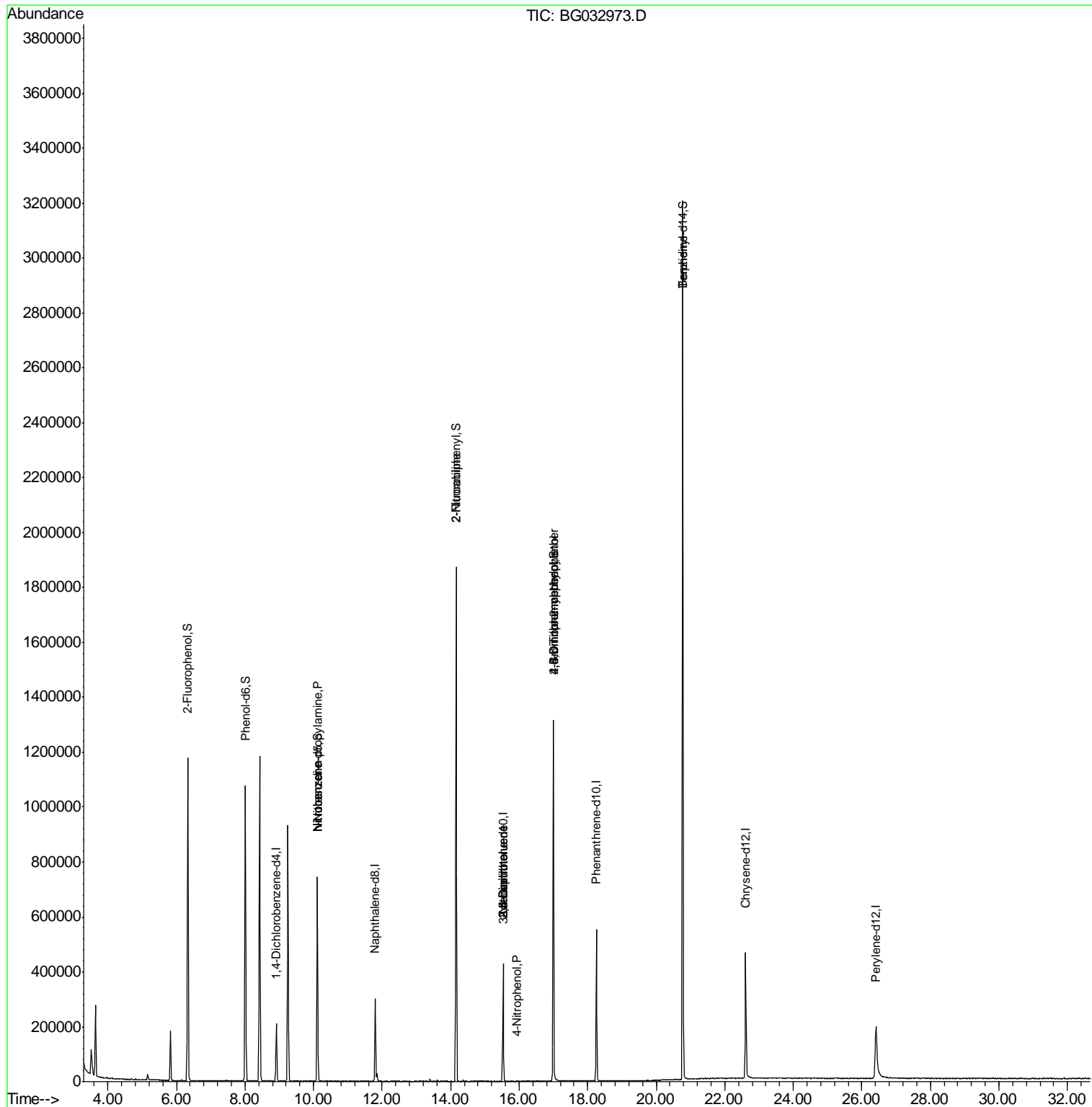
						Qvalue
19) n-Nitroso-di-n-propylamine	10.11	70	61174	15.910	ng	# 85
24) Nitrobenzene	10.11	77	1376	6.658	ng	# 44
47) 2-Nitroaniline	14.16	65	1879	10.450	ng	# 20
50) 2,6-Dinitrotoluene	15.52	165	19702	16.632	ng	# 21
52) 3-Nitroaniline	15.52	138	55	7.561	ng	# 1
55) 4-Nitrophenol	15.92	139	373	7.246	ng	# 1
56) 2,4-Dinitrotoluene	15.52	165	19702	14.831	ng	# 19
64) 4,6-Dinitro-2-methylphenol	17.00	198	631	5.729	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	15838	4.359	ng	# 1
76) Benzidine	20.78	184	26051	2.400	ng	# 93

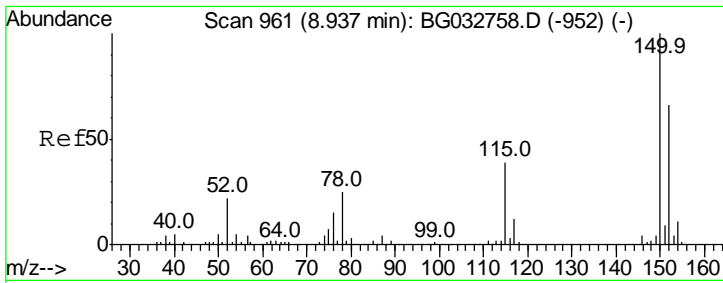
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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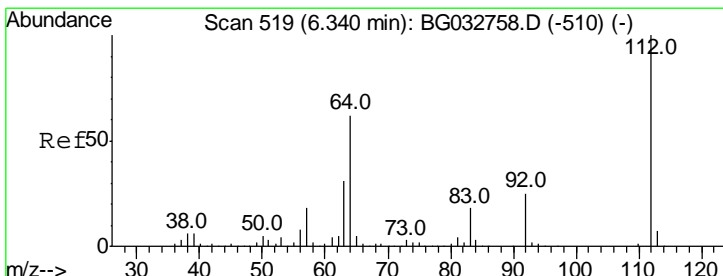
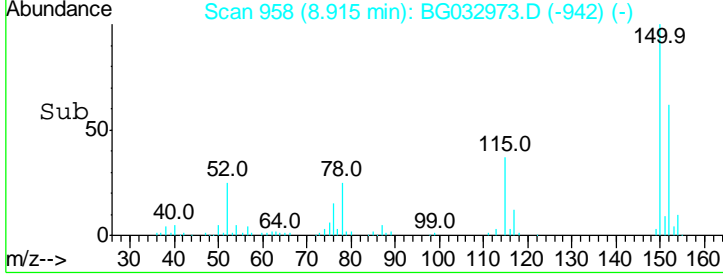
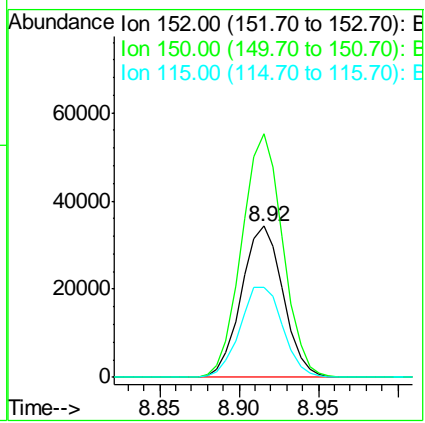
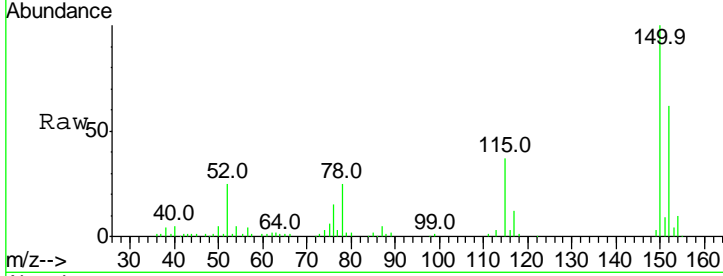


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.92 min Scan# 958
 Delta R.T. -0.01 min
 Lab File: BG032973.D
 Acq: 3 Mar 2018 9:13

Instrument :
 BNA_G
ClientSampled :

Tot Ion:152 Resp: 62512

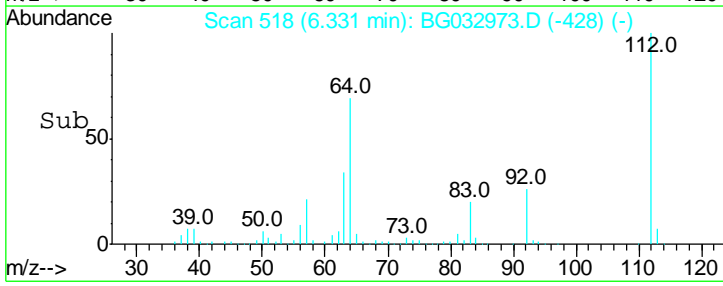
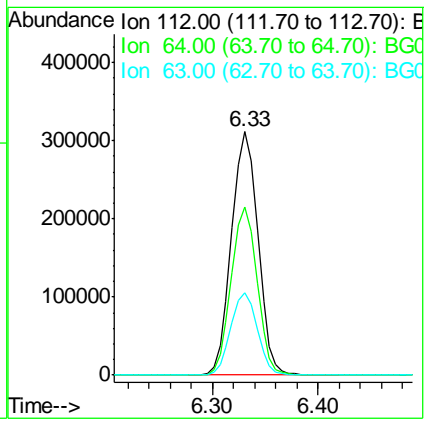
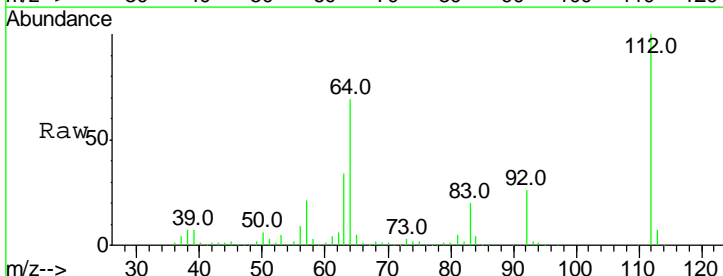
Ion	Ratio	Lower	Upper
152	100		
150	161.2	126.6	189.8
115	59.5	53.0	79.4

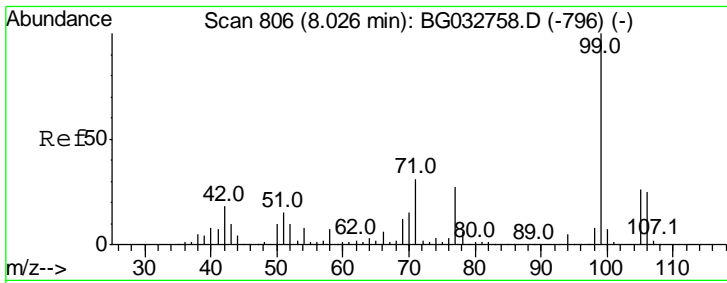


#5
 2-Fluorophenol
 Concen: 138.037 ng
 RT: 6.33 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BG032973.D
 Acq: 3 Mar 2018 9:13

Tgt Ion:112 Resp: 539359

Ion	Ratio	Lower	Upper
112	100		
64	69.0	56.3	84.5
63	34.0	30.1	45.1

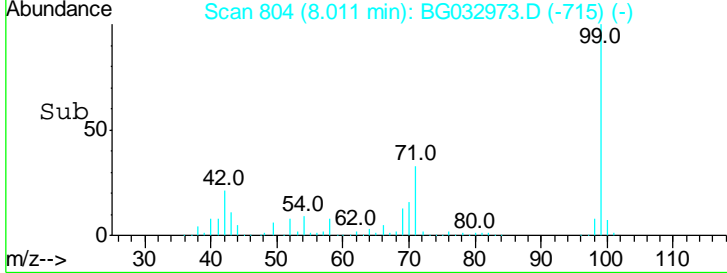
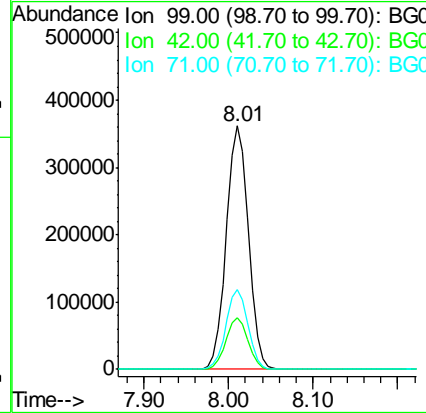
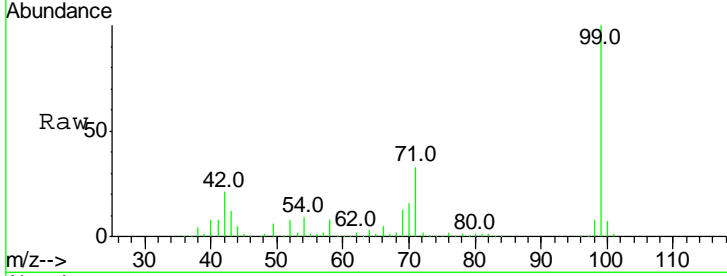




#7
 Phenol-d6
 Concen: 120.612 ng
 RT: 8.01 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BG032973.D
 Acq: 3 Mar 2018 9:13

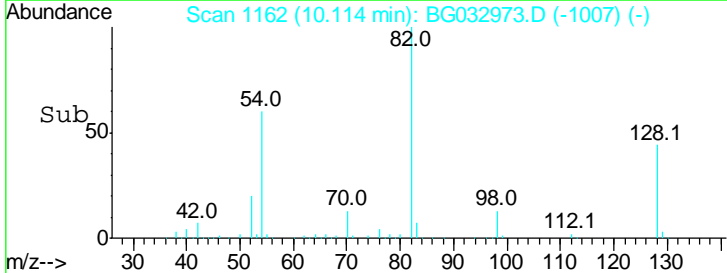
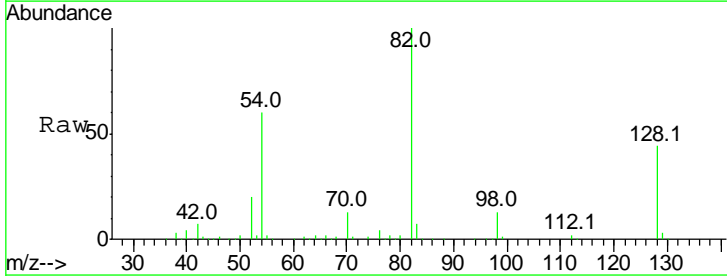
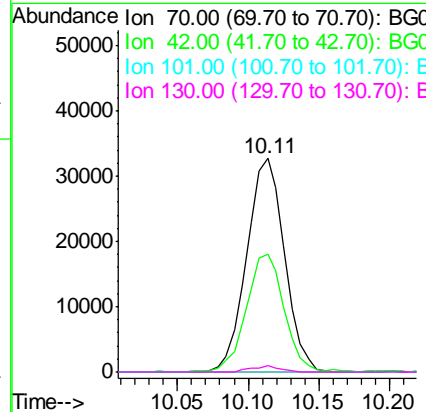
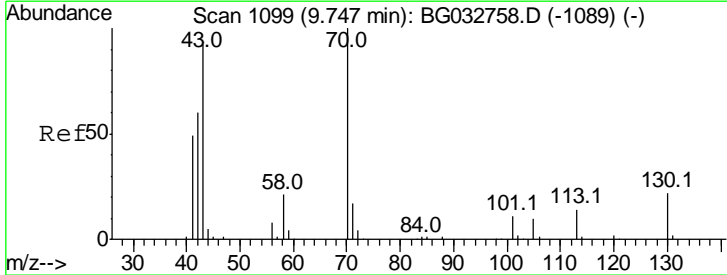
Instrument :
 BNA_G
 ClientSampled :

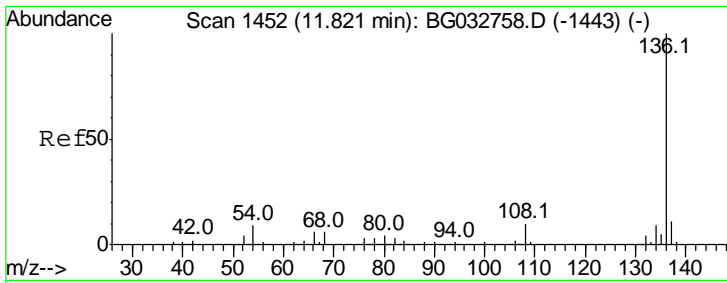
Tgt Ion	Resp	Lower	Upper
99	100		
42	21.3	14.1	21.1#
71	32.5	26.1	39.1



#19
 n-Nitroso-di-n-propylamine
 Concen: 15.910 ng
 RT: 10.11 min Scan# 1162
 Delta R.T. 0.38 min
 Lab File: BG032973.D
 Acq: 3 Mar 2018 9:13

Tgt Ion	Resp	Lower	Upper
70	100		
42	55.3	49.1	73.7
101	0.0	8.5	12.7#
130	3.3	13.4	20.0#

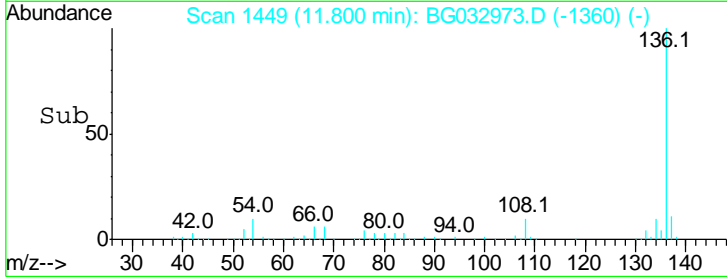
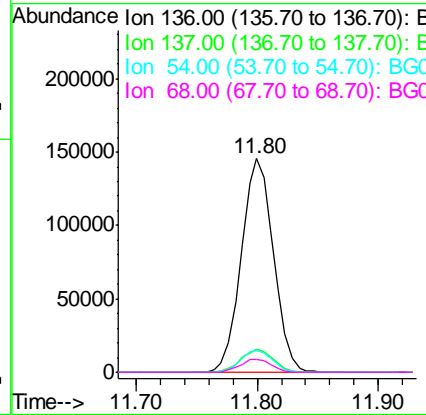
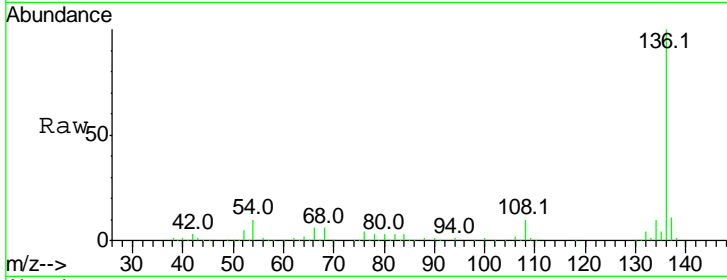




#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.80 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BG032973.D
 Acq: 3 Mar 2018 9:13

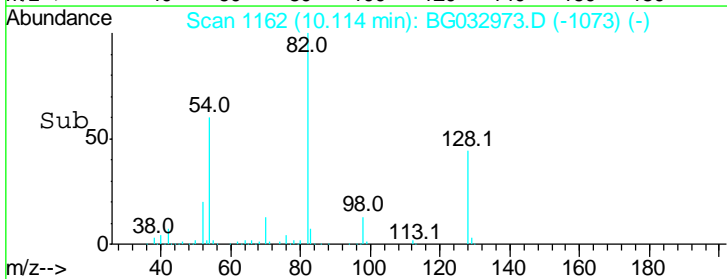
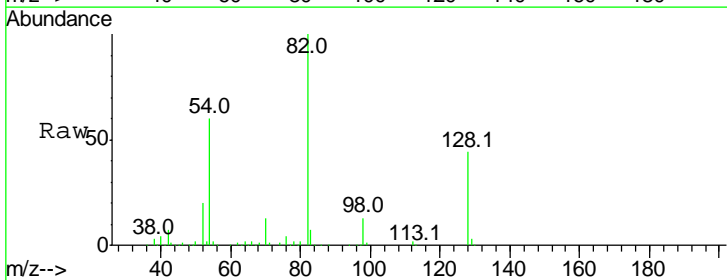
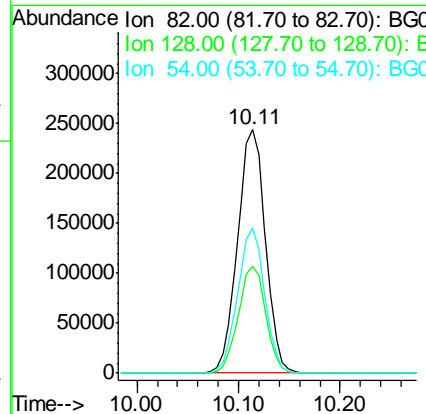
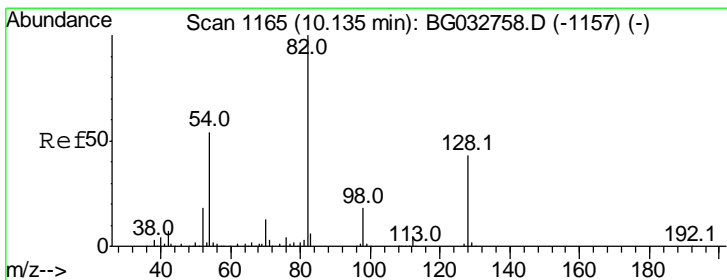
Instrument :
 BNA_G
 ClientSampled :

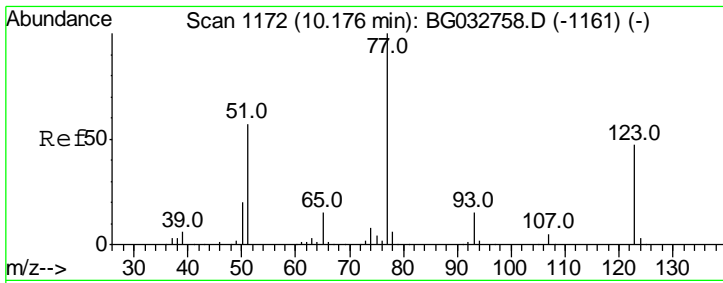
Tgt Ion	Resp	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	10.2	10.3	15.5#
68	6.2	4.5	6.7



#23
 Nitrobenzene-d5
 Concen: 115.432 ng
 RT: 10.11 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BG032973.D
 Acq: 3 Mar 2018 9:13

Tgt Ion	Resp	Lower	Upper
82	100		
128	43.9	29.7	44.5
54	59.5	43.1	64.7

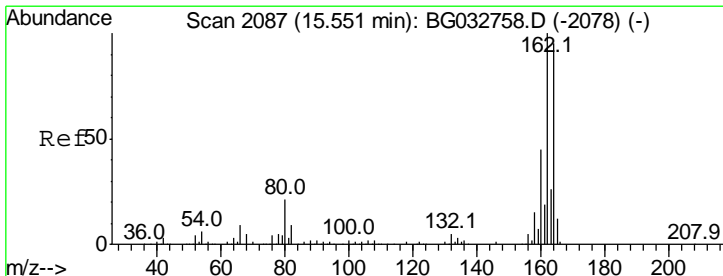
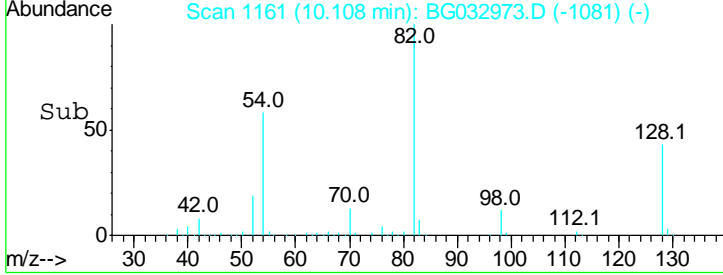
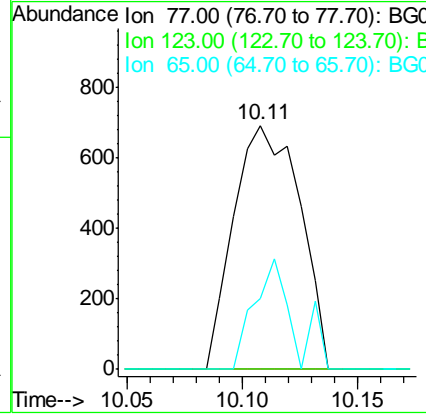
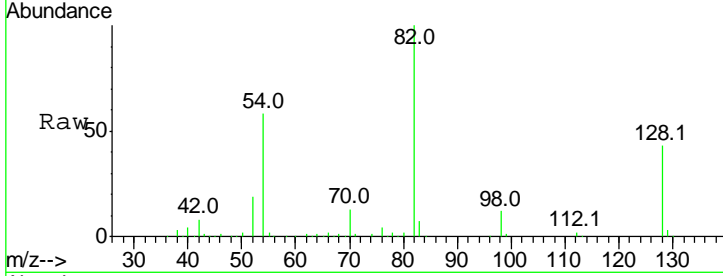




#24
 Nitrobenzene
 Concen: 6.658 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.06 min
 Lab File: BG032973.D
 Acq: 3 Mar 2018 9:13

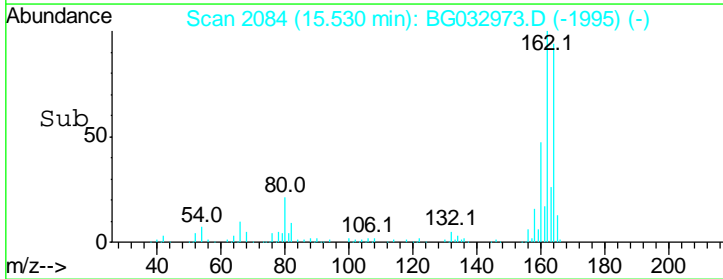
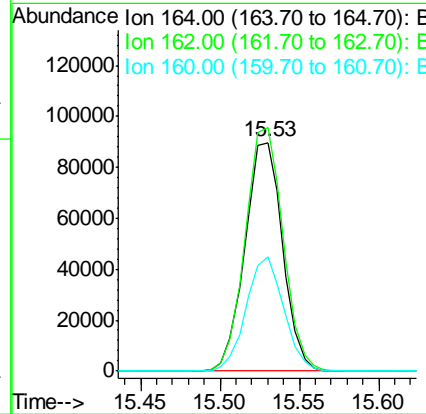
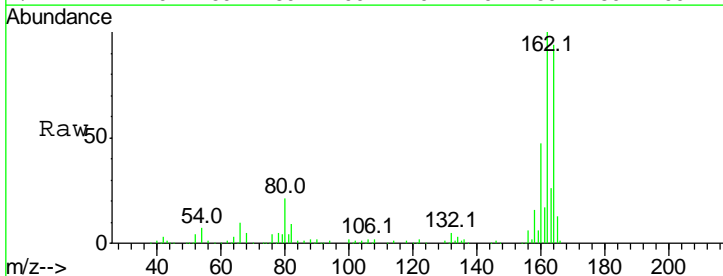
Instrument :
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 ClientSampled :

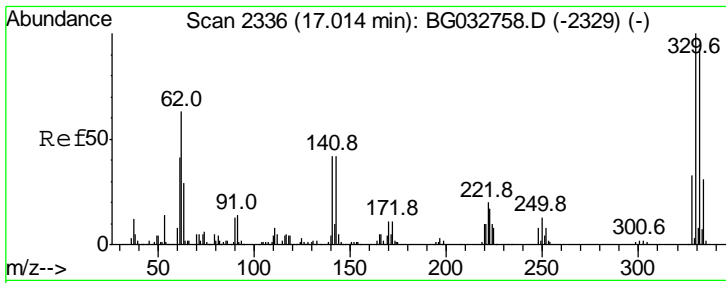
Tgt Ion	Resp	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	29.1	13.0	19.6#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BG032973.D
 Acq: 3 Mar 2018 9:13

Tgt Ion	Resp	Lower	Upper
164	100		
162	106.5	78.8	118.2
160	50.0	35.4	53.0

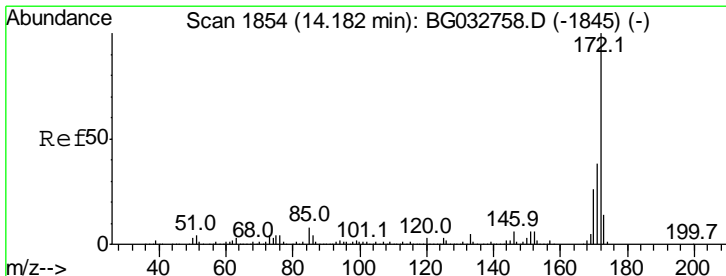
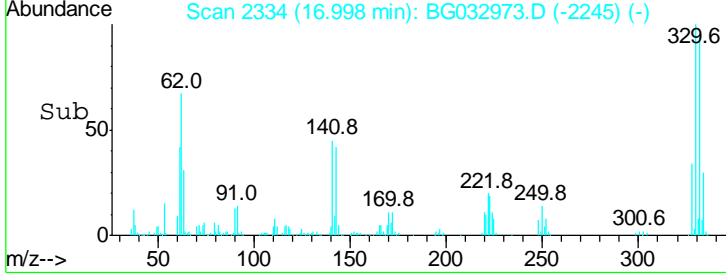
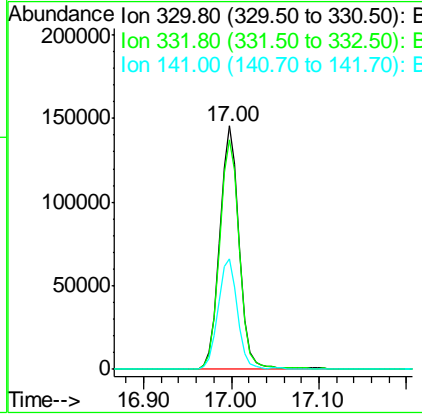
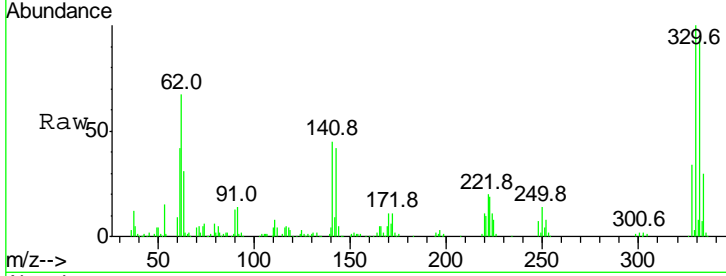




#41
 2,4,6-Tribromophenol
 Concen: 145.057 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.01 min
 Lab File: BG032973.D
 Acq: 3 Mar 2018 9:13

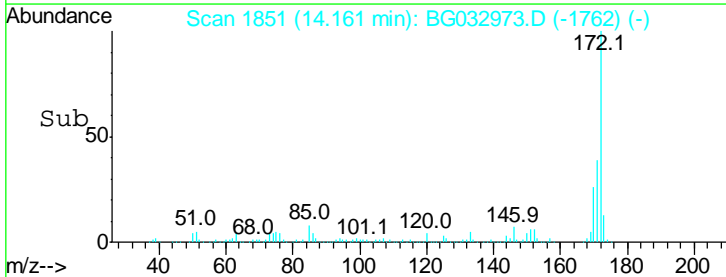
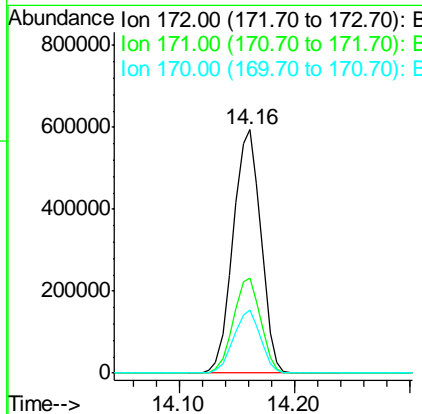
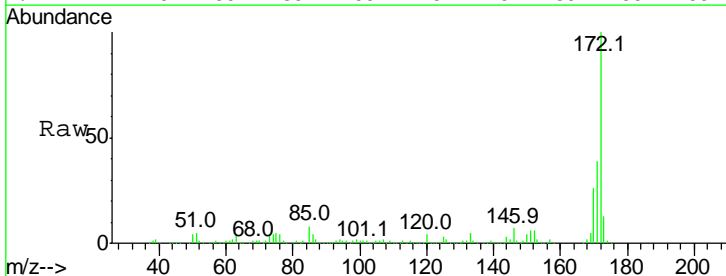
Instrument :
 BNA_G
 ClientSampled :

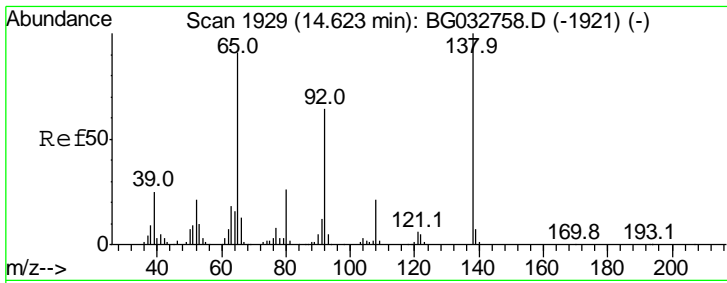
Tgt Ion	Resp	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	44.8	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 96.375 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BG032973.D
 Acq: 3 Mar 2018 9:13

Tgt Ion	Resp	Lower	Upper
172	100		
171	39.0	30.0	45.0
170	26.2	19.5	29.3

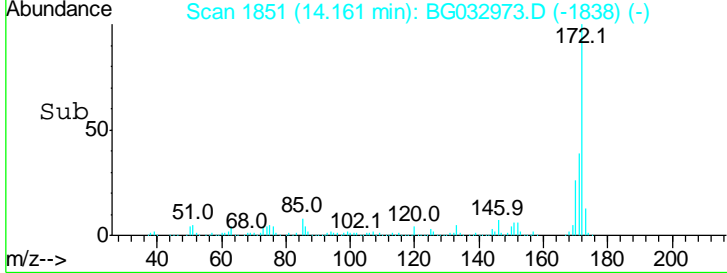
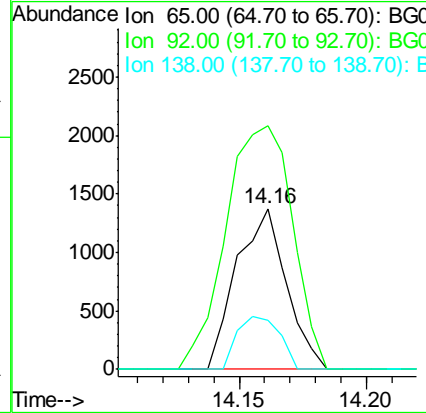
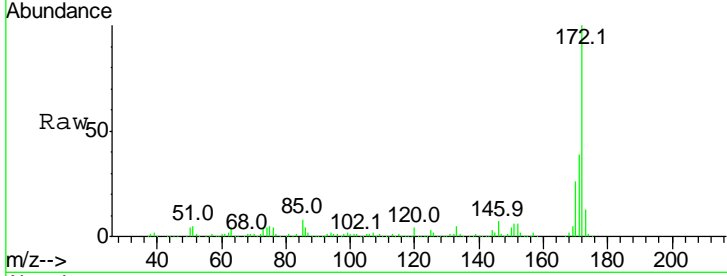




#47
 2-Nitroaniline
 Concen: 10.450 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.45 min
 Lab File: BG032973.D
 Acq: 3 Mar 2018 9:13

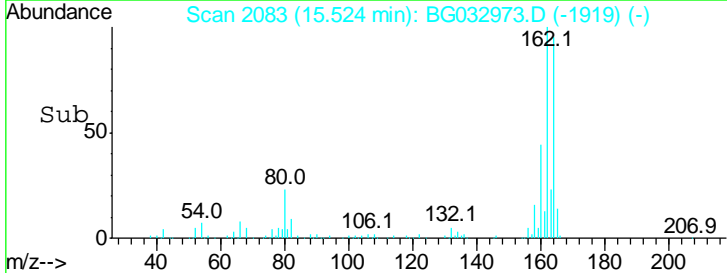
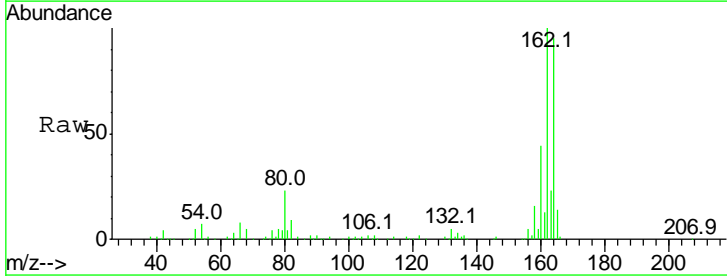
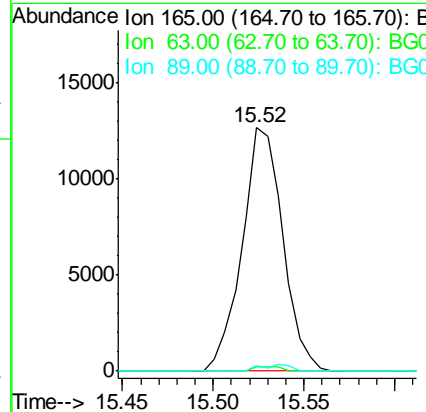
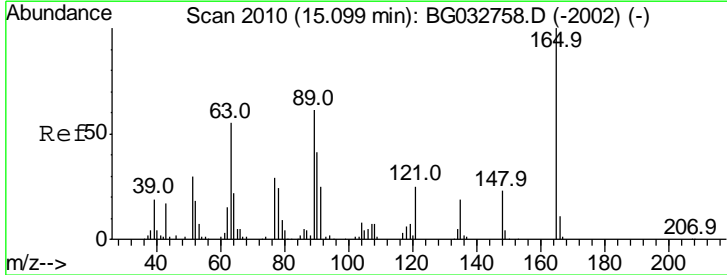
Instrument :
 BNA_G
 ClientSampled :

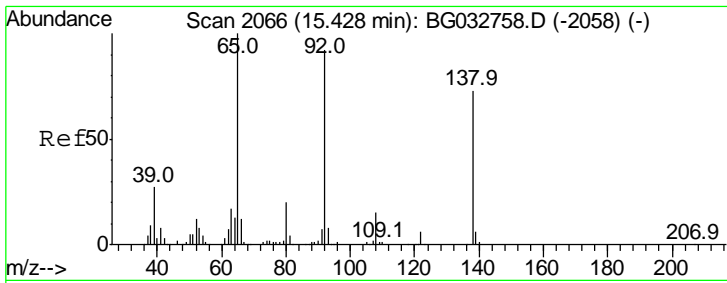
Tgt Ion	Resp	Lower	Upper
65	100		
92	151.3	54.6	82.0#
138	30.4	72.9	109.3#



#50
 2,6-Dinitrotoluene
 Concen: 16.632 ng
 RT: 15.52 min Scan# 2083
 Delta R.T. 0.44 min
 Lab File: BG032973.D
 Acq: 3 Mar 2018 9:13

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.9	52.7	79.1#
89	2.2	49.2	73.8#

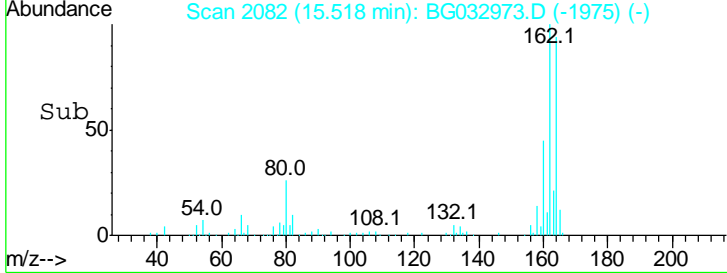
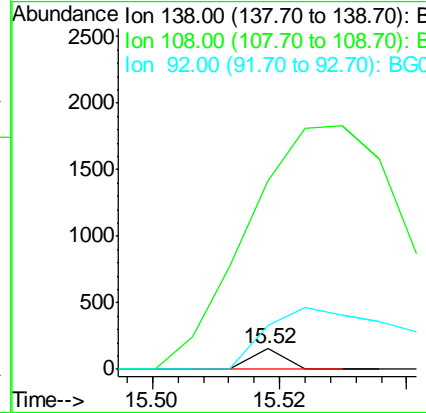
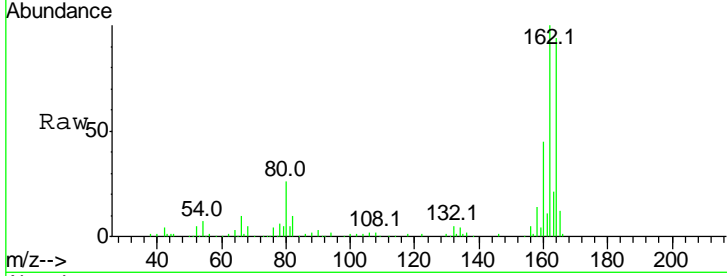




#52
 3-Nitroaniline
 Concen: 7.561 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. 0.10 min
 Lab File: BG032973.D
 Acq: 3 Mar 2018 9:13

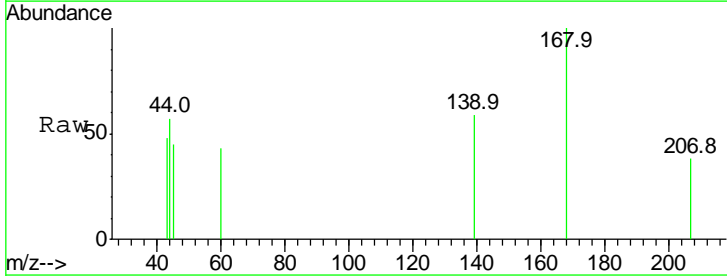
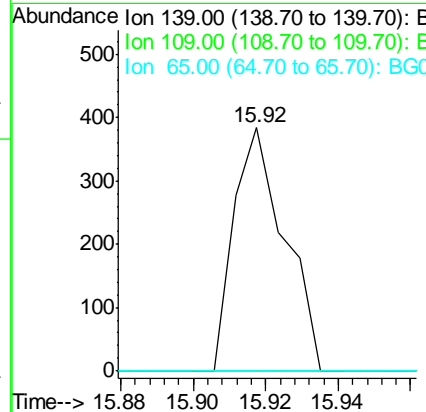
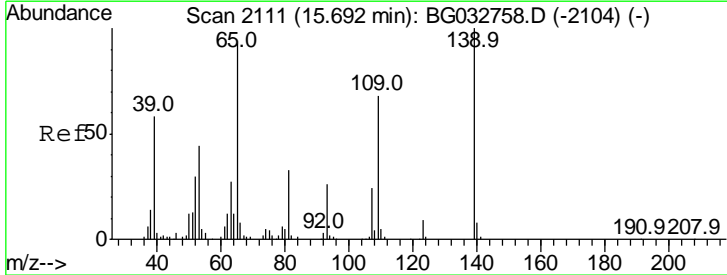
Instrument :
 BNA_G
 ClientSampled :

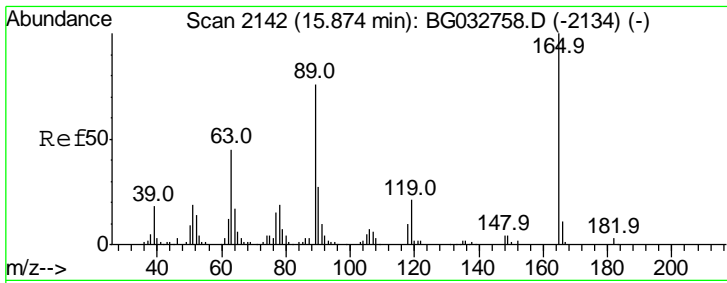
Tgt Ion	Resp	Lower	Upper
138	100		
108	915.5	17.5	26.3#
92	211.6	105.8	158.8#



#55
 4-Nitrophenol
 Concen: 7.246 ng
 RT: 15.92 min Scan# 2150
 Delta R.T. 0.24 min
 Lab File: BG032973.D
 Acq: 3 Mar 2018 9:13

Tgt Ion	Resp	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	0.0	97.2	137.2#

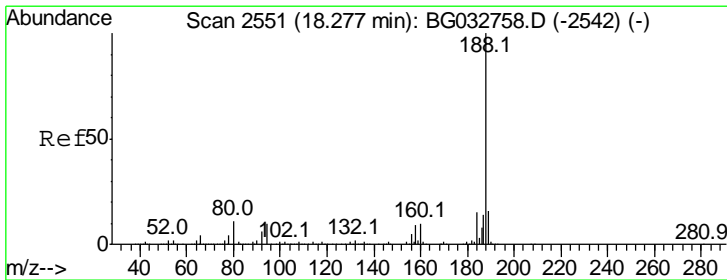
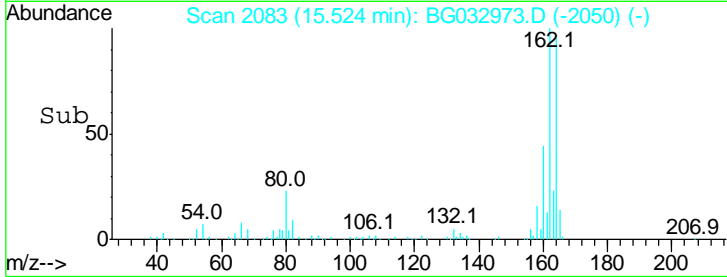
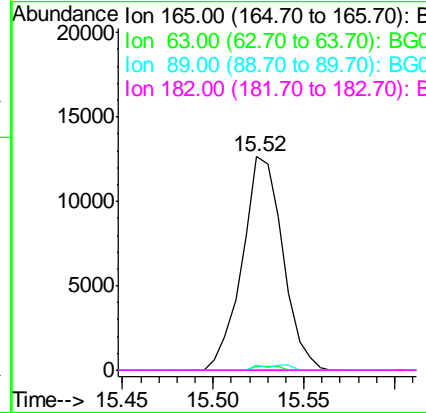
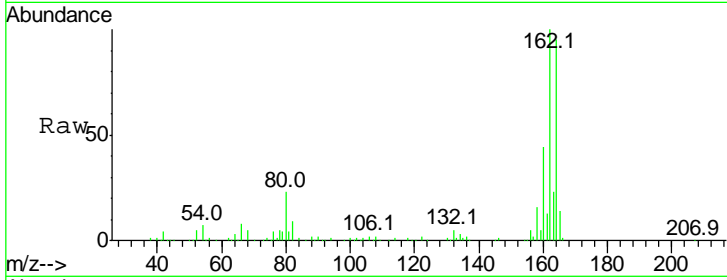




#56
 2,4-Dinitrotoluene
 Concen: 14.831 ng
 RT: 15.52 min Scan# 2083
 Delta R.T. -0.33 min
 Lab File: BG032973.D
 Acq: 3 Mar 2018 9:13

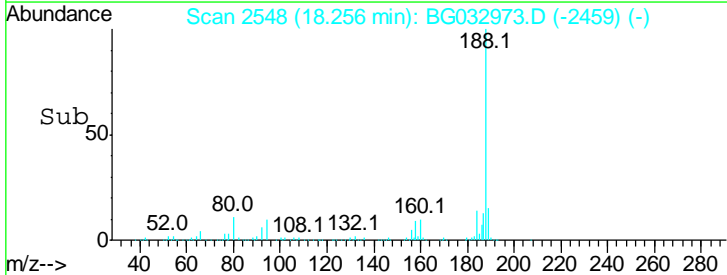
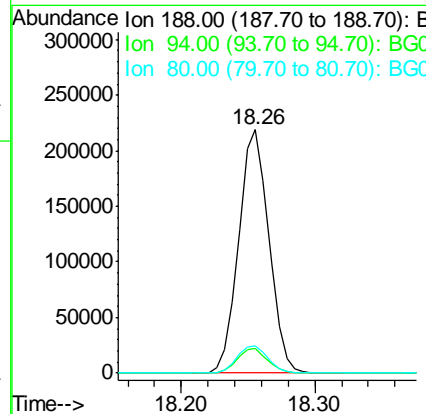
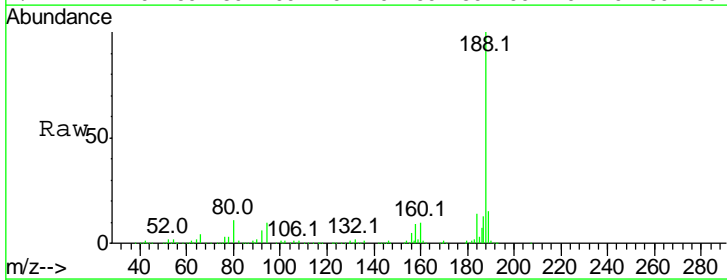
Instrument :
 BNA_G
 ClientSampled :

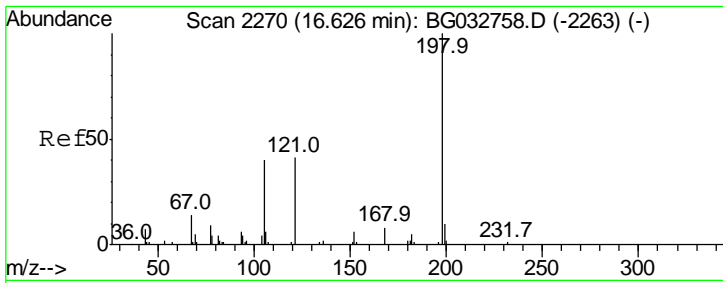
Tgt Ion	Resp	Lower	Upper
165	100		
63	1.9	42.0	63.0#
89	2.2	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.26 min Scan# 2548
 Delta R.T. -0.01 min
 Lab File: BG032973.D
 Acq: 3 Mar 2018 9:13

Tgt Ion	Resp	Lower	Upper
188	100		
94	10.2	6.9	10.3
80	11.1	7.7	11.5

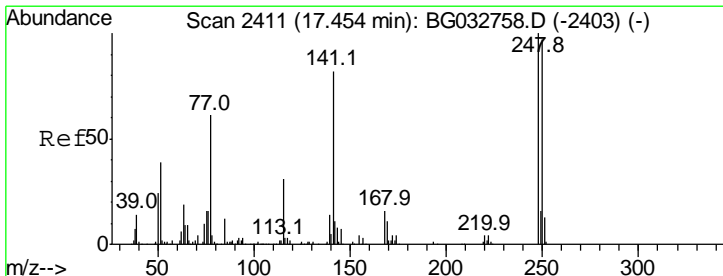
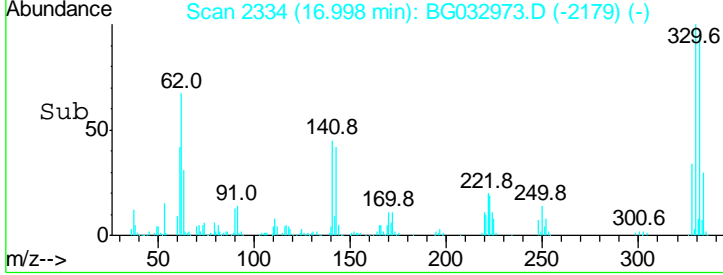
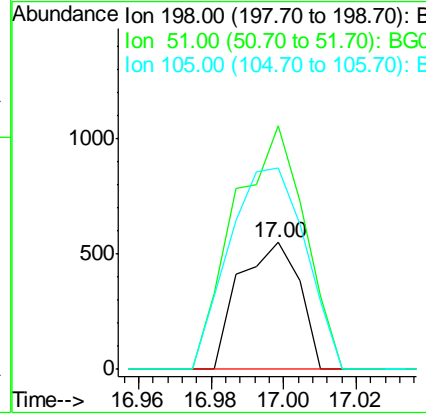
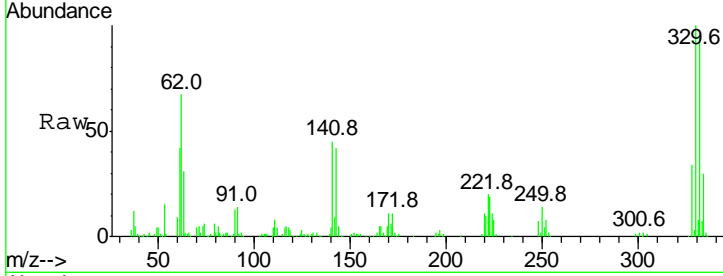




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.729 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. 0.38 min
 Lab File: BG032973.D
 Acq: 3 Mar 2018 9:13

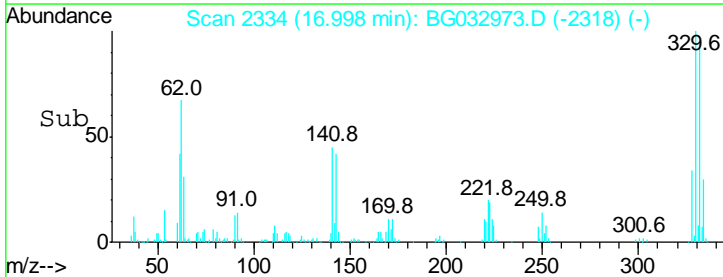
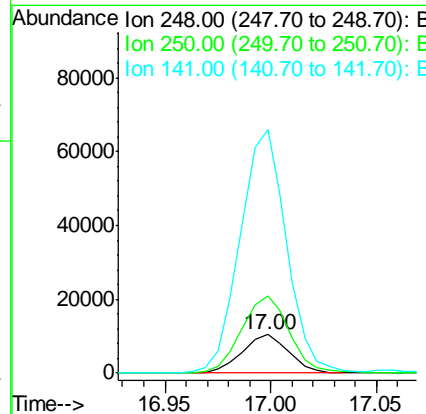
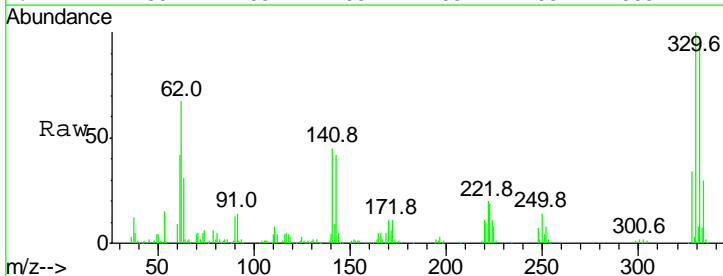
Instrument :
 BNA_G
 ClientSampled :

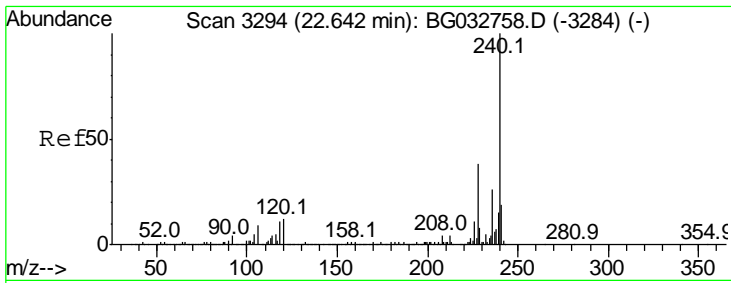
Tgt Ion	Resp	Lower	Upper
198	100		
51	192.3	30.6	70.6#
105	159.1	23.8	63.8#



#66
 4-Bromophenyl-phenylether
 Concen: 4.359 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.43 min
 Lab File: BG032973.D
 Acq: 3 Mar 2018 9:13

Tgt Ion	Resp	Lower	Upper
248	100		
250	202.0	77.1	115.7#
141	633.3	50.8	76.2#

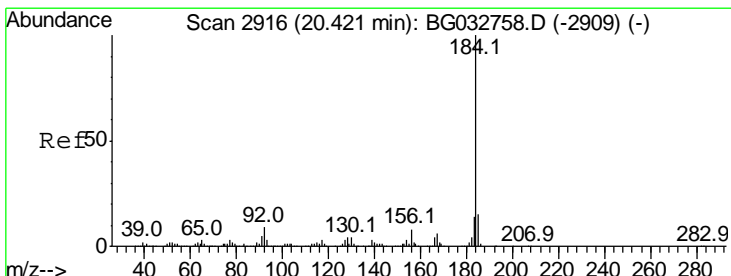
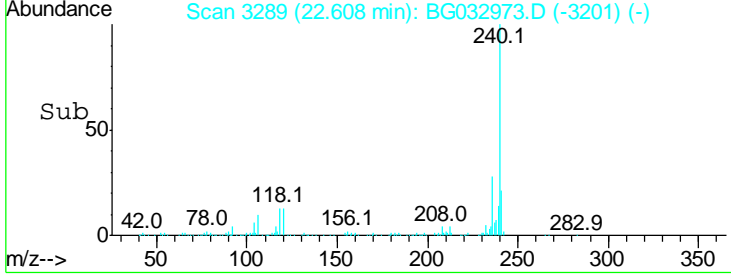
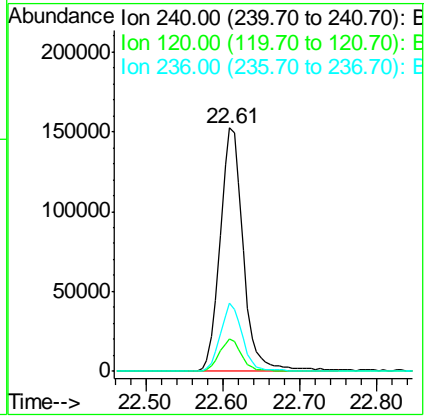
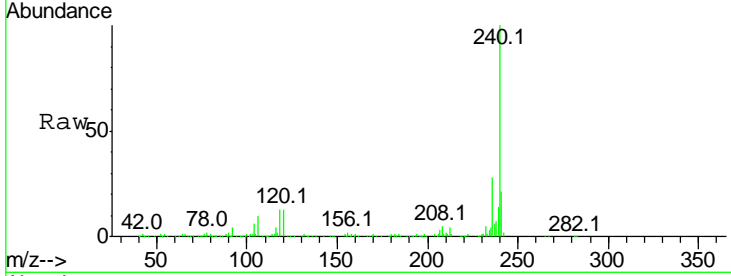




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.61 min Scan# 3289
 Delta R.T. -0.01 min
 Lab File: BG032973.D
 Acq: 3 Mar 2018 9:13

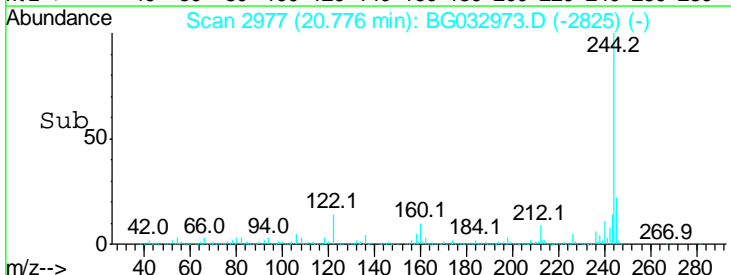
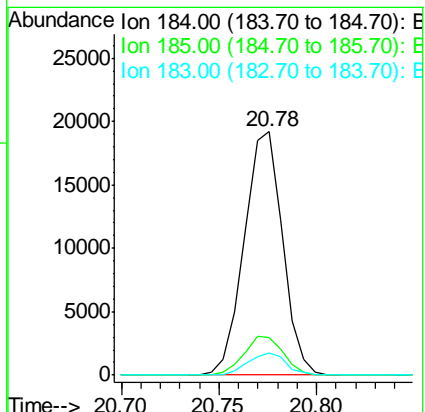
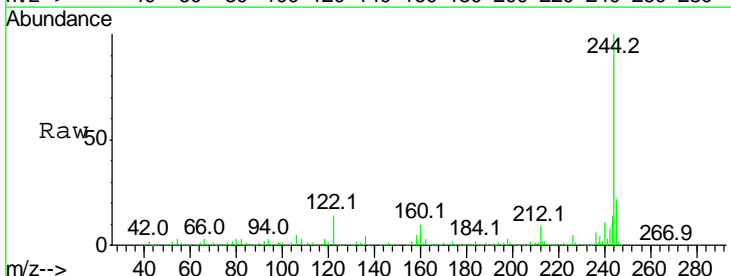
Instrument :
 BNA_G
 ClientSampled :

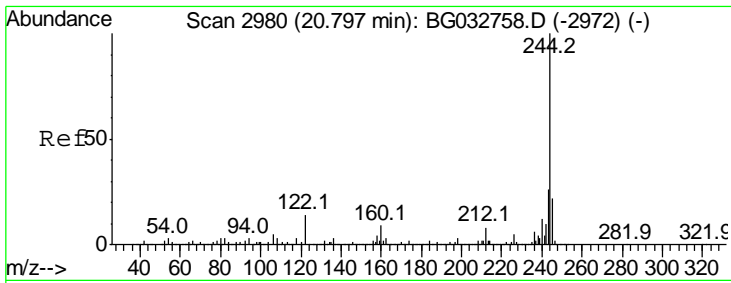
Tgt Ion	Resp	Lower	Upper
240	100		
120	13.2	6.8	10.2#
236	28.2	20.9	31.3



#76
 Benzidine
 Concen: 2.400 ng
 RT: 20.78 min Scan# 2977
 Delta R.T. 0.36 min
 Lab File: BG032973.D
 Acq: 3 Mar 2018 9:13

Tgt Ion	Resp	Lower	Upper
184	100		
185	15.3	11.1	16.7
183	8.9	10.6	16.0#



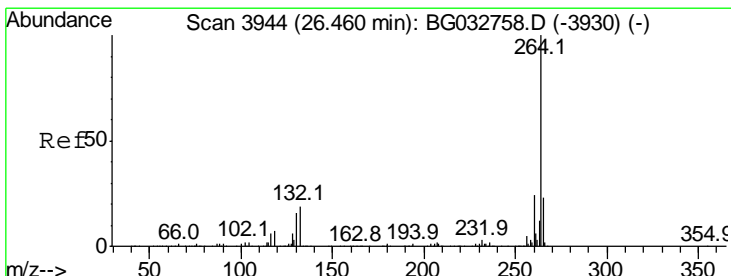
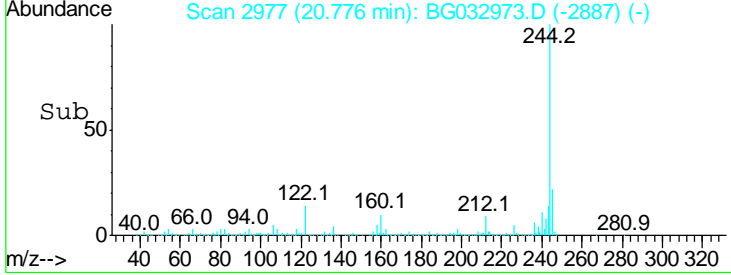
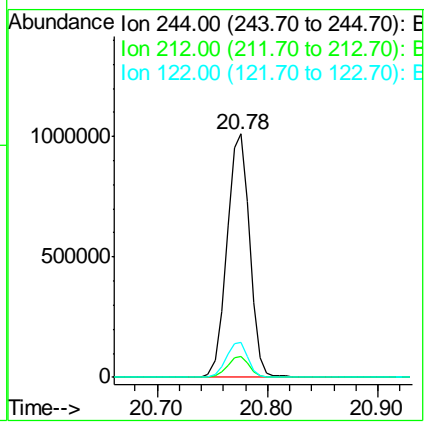
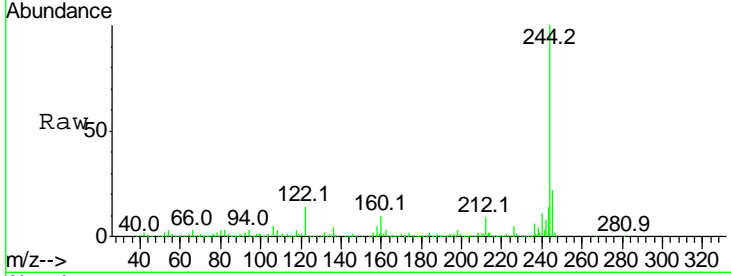


#78
 Terphenyl-d14
 Concen: 102.620 ng
 RT: 20.78 min Scan# 2977
 Delta R.T. 0.00 min
 Lab File: BG032973.D
 Acq: 3 Mar 2018 9:13

Instrument :
 BNA_G
 ClientSampled :

Tgt Ion: 244 Resp: 1454717

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	14.1	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.42 min Scan# 3937
 Delta R.T. -0.01 min
 Lab File: BG032973.D
 Acq: 3 Mar 2018 9:13

Tgt Ion: 264 Resp: 287488

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	21.4	17.7	26.5

