

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG032218\  
 Data File : BG033299.D  
 Acq On : 22 Mar 2018 17:57  
 Operator : SJ/JU  
 Sample : J1997-41  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Mar 23 04:15:44 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 22 17:32:09 2018  
 Response via : Initial Calibration

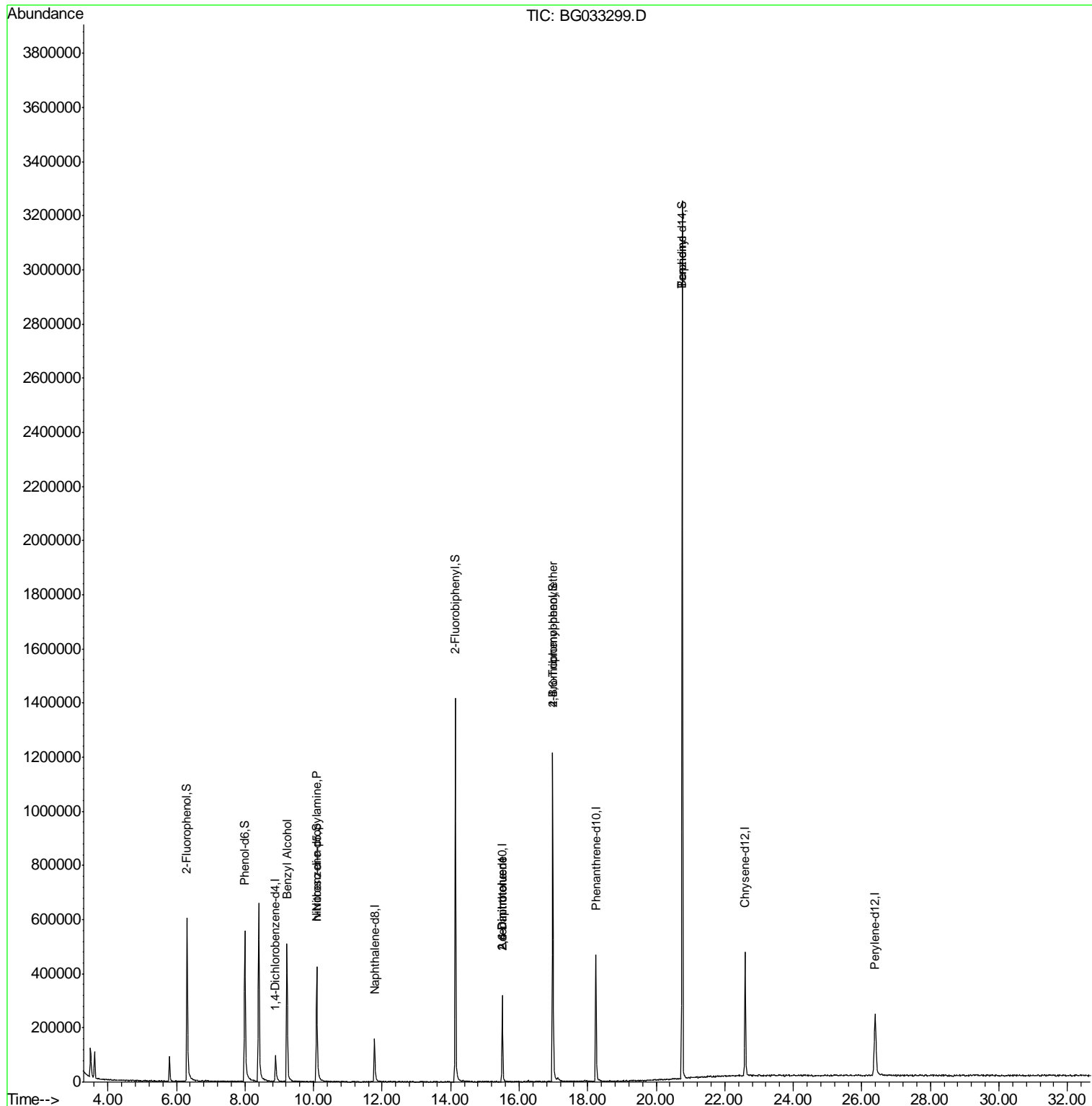
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	35671	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	153814	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	123910	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	341690	20.00	ng	0.00
75) Chrysene-d12	22.59	240	341360	20.00	ng	0.00
86) Perylene-d12	26.38	264	341717	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	297445	156.36	ng	0.00
7) Phenol-d6	7.99	99	419069	128.21	ng	0.00
23) Nitrobenzene-d5	10.09	82	336847	100.62	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	269605	145.48	ng	0.00
44) 2-Fluorobiphenyl	14.13	172	810927	94.48	ng	0.00
78) Terphenyl-d14	20.76	244	1649014	103.31	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.23	79	5858	2.276	ng	# 54
19) n-Nitroso-di-n-propylamine	10.09	70	45691	19.077	ng	# 75
50) 2,6-Dinitrotoluene	15.51	165	15845	7.186	ng	# 24
56) 2,4-Dinitrotoluene	15.51	165	15936	4.909	ng	# 22
66) 4-Bromophenyl-phenylether	16.98	248	19795	4.933	ng	# 1
76) Benzidine	20.76	184	27477	2.968	ng	# 90

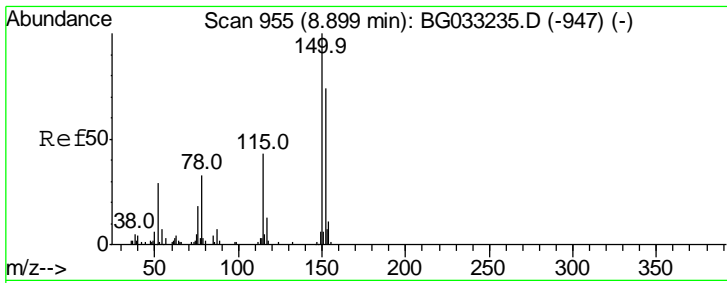
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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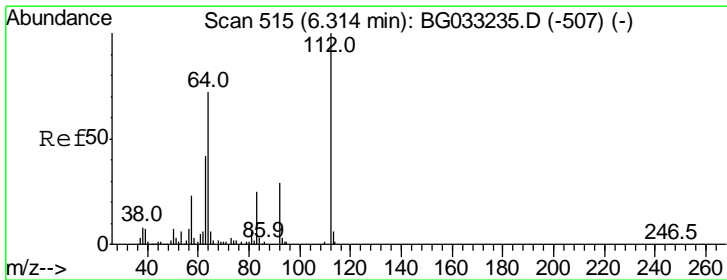
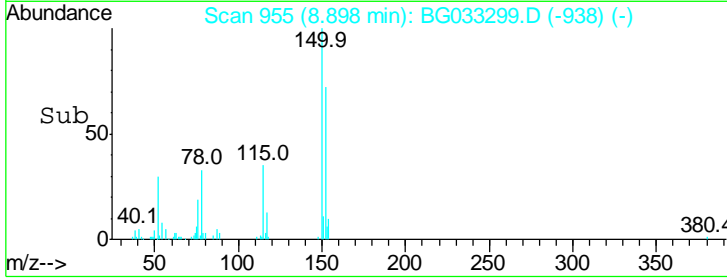
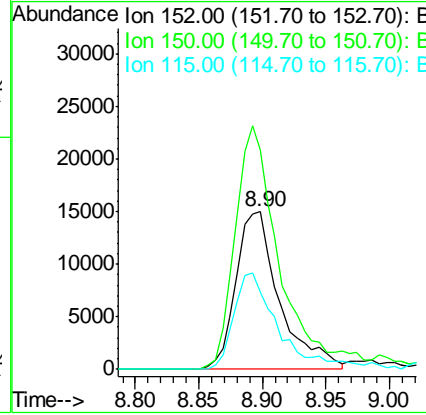
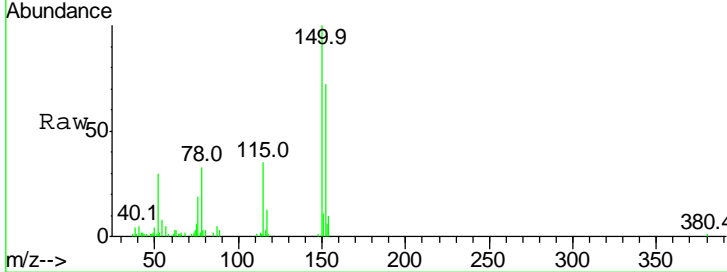




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.90 min Scan# 955  
 Delta R.T. 0.00 min  
 Lab File: BG033299.D  
 Acq: 22 Mar 2018 17:57

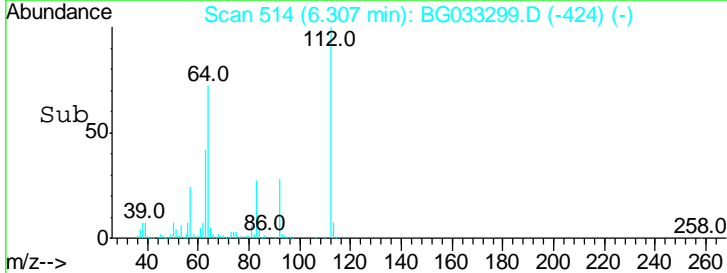
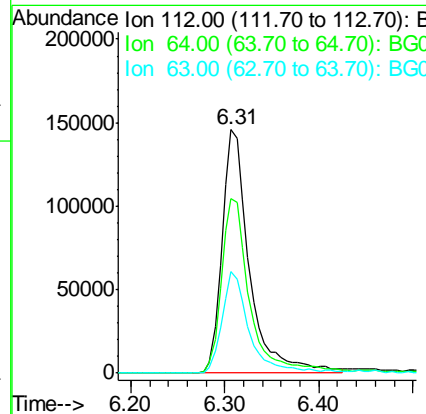
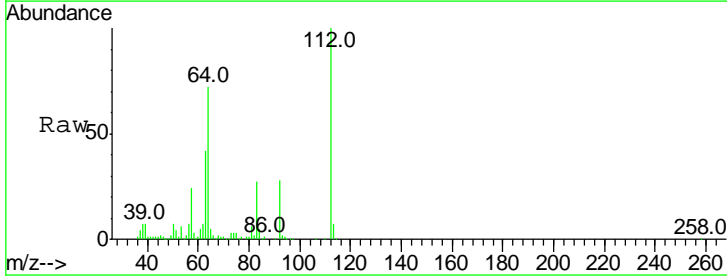
Instrument :  
 BNA\_G  
 ClientSampled :

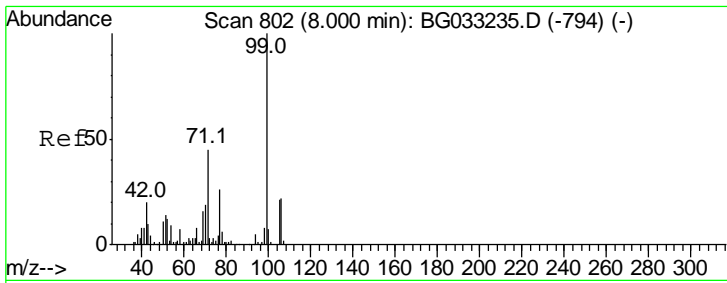
Tgt Ion	Resp	Lower	Upper
152	35671		
152	100		
150	138.8	126.6	189.8
115	48.7	53.0	79.4#



#5  
 2-Fluorophenol  
 Concen: 156.358 ng  
 RT: 6.31 min Scan# 514  
 Delta R.T. -0.00 min  
 Lab File: BG033299.D  
 Acq: 22 Mar 2018 17:57

Tgt Ion	Resp	Lower	Upper
112	297445		
112	100		
64	71.9	56.3	84.5
63	41.8	30.1	45.1

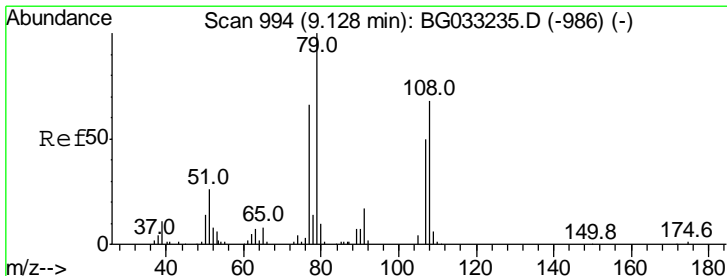
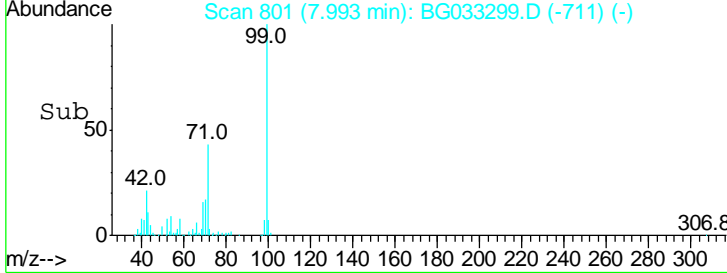
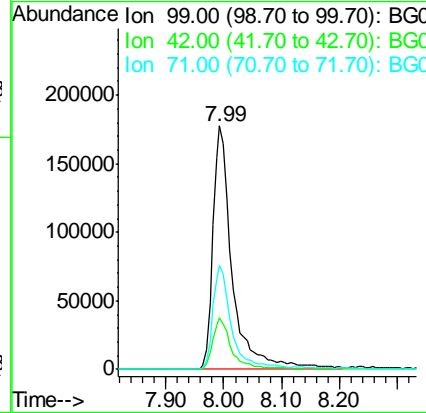
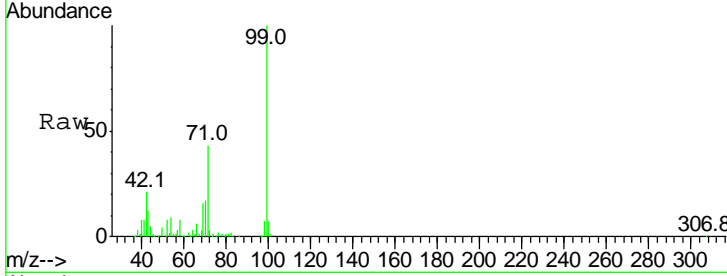




#7  
 Phenol-d6  
 Concen: 128.211 ng  
 RT: 7.99 min Scan# 801  
 Delta R.T. -0.00 min  
 Lab File: BG033299.D  
 Acq: 22 Mar 2018 17:57

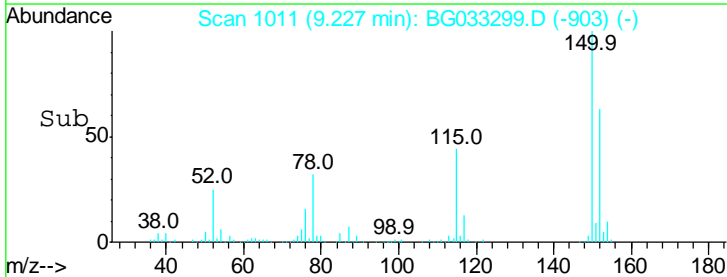
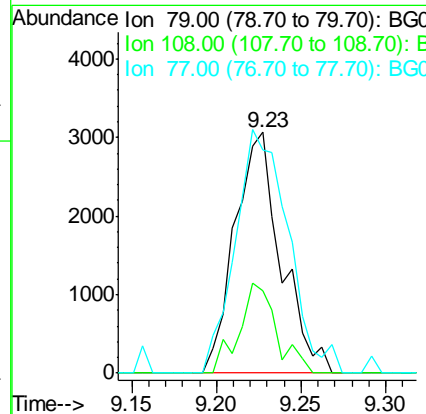
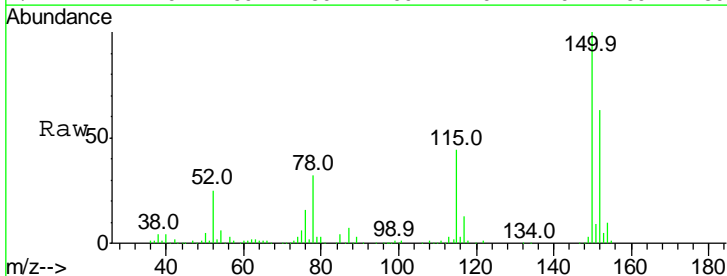
Instrument :  
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 ClientSampled :

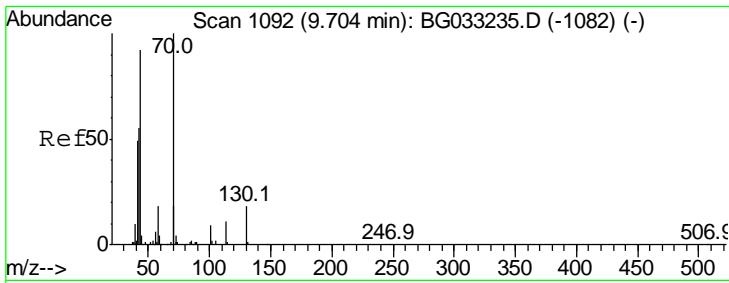
Tgt Ion	Resp	Lower	Upper
99	100		
42	21.0	14.1	21.1
71	42.6	26.1	39.1#



#15  
 Benzyl Alcohol  
 Concen: 2.276 ng  
 RT: 9.23 min Scan# 1011  
 Delta R.T. 0.10 min  
 Lab File: BG033299.D  
 Acq: 22 Mar 2018 17:57

Tgt Ion	Resp	Lower	Upper
79	100		
108	34.4	57.2	85.8#
77	92.4	46.1	69.1#

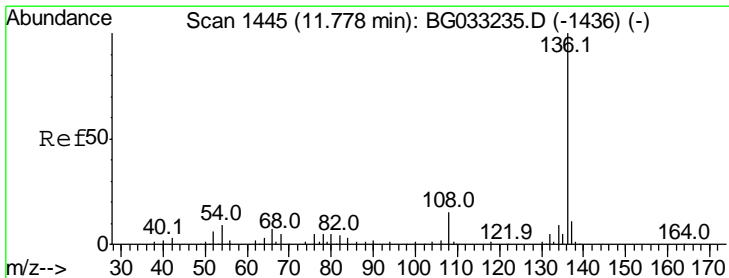
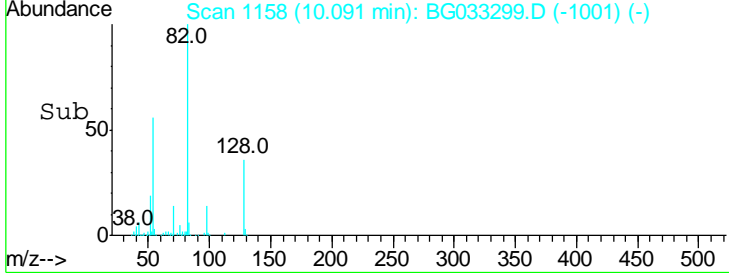
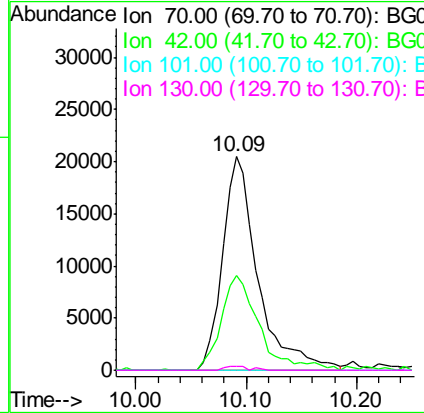
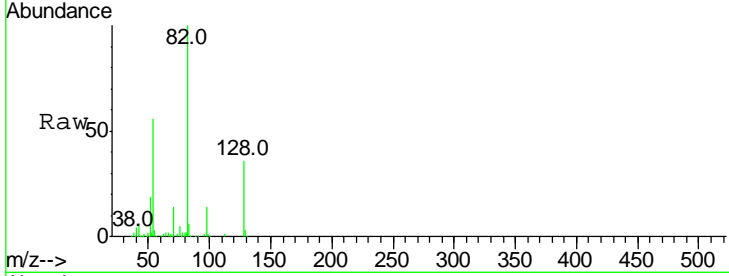




#19  
 n-Nitroso-di-n-propylamine  
 Concen: 19.077 ng  
 RT: 10.09 min Scan# 1158  
 Delta R.T. 0.39 min  
 Lab File: BG033299.D  
 Acq: 22 Mar 2018 17:57

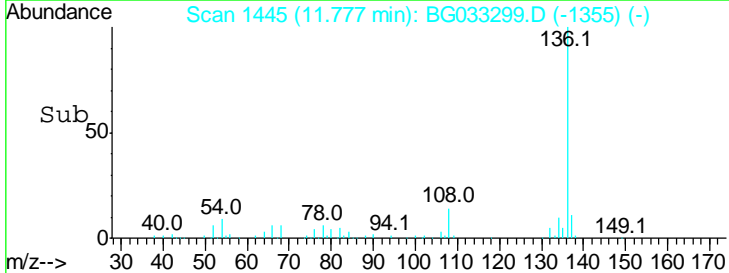
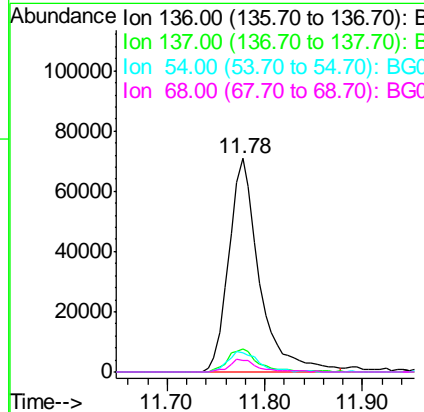
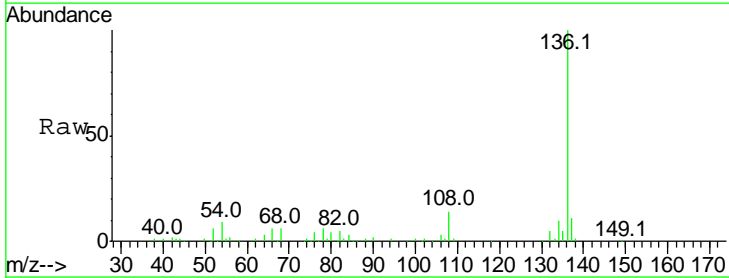
Instrument :  
 BNA\_G  
 ClientSampled :

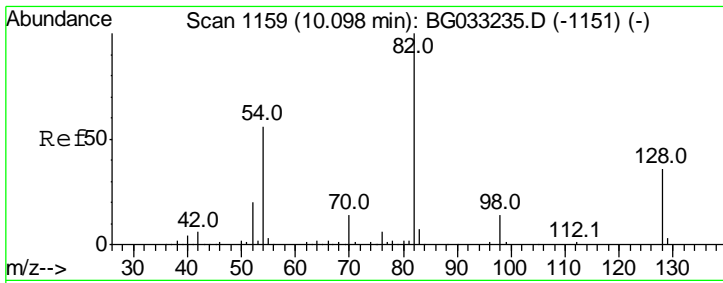
Tgt Ion	Resp	Lower	Upper
70	100		
42	44.5	49.1	73.7#
101	0.0	8.5	12.7#
130	1.7	13.4	20.0#



#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 11.78 min Scan# 1445  
 Delta R.T. -0.00 min  
 Lab File: BG033299.D  
 Acq: 22 Mar 2018 17:57

Tgt Ion	Resp	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	8.8	10.3	15.5#
68	5.6	4.5	6.7

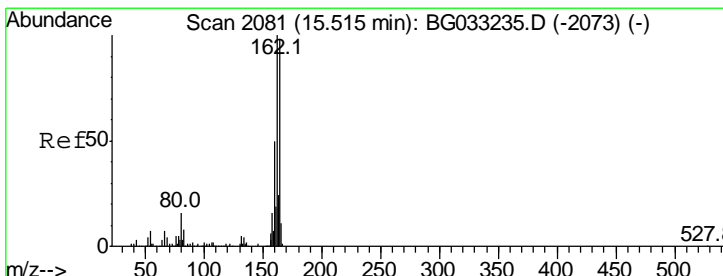
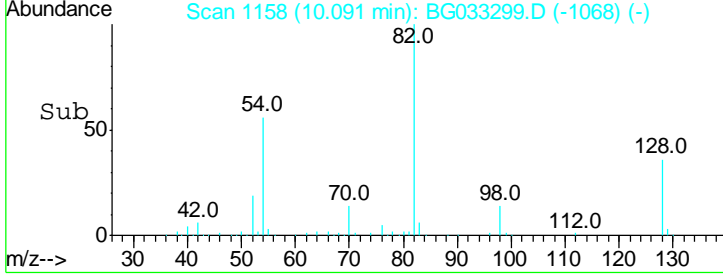
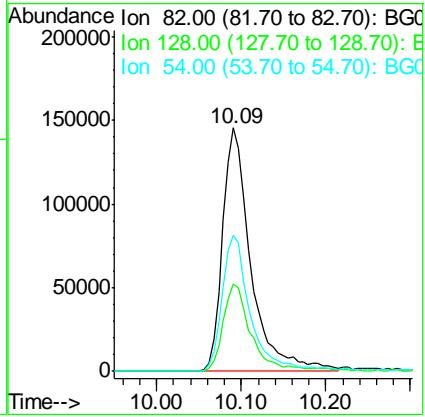
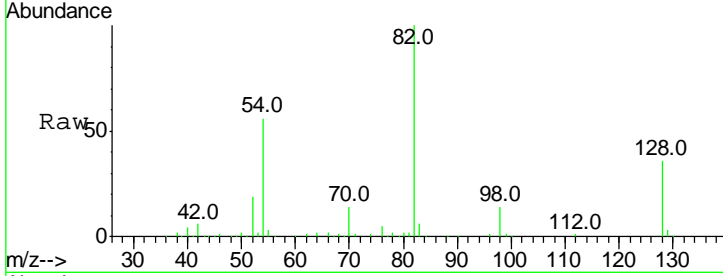




#23  
 Nitrobenzene-d5  
 Concen: 100.616 ng  
 RT: 10.09 min Scan# 1158  
 Delta R.T. -0.00 min  
 Lab File: BG033299.D  
 Acq: 22 Mar 2018 17:57

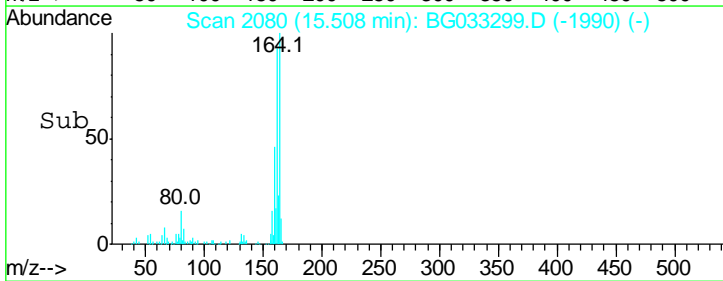
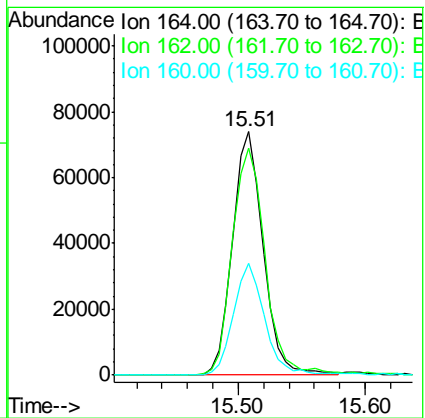
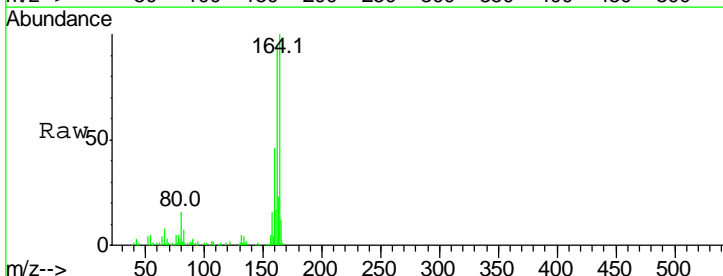
Instrument :  
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 ClientSampled :

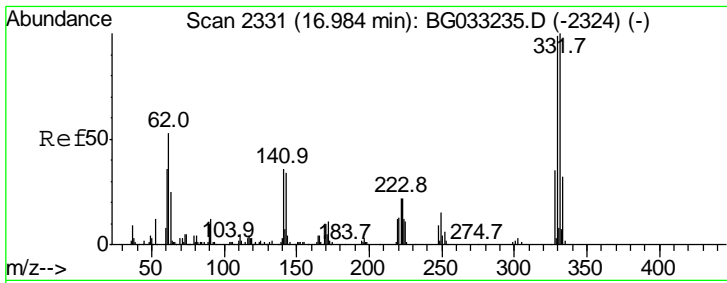
Tgt Ion	Resp	Lower	Upper
82	100		
128	36.0	29.7	44.5
54	55.7	43.1	64.7



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 15.51 min Scan# 2080  
 Delta R.T. -0.00 min  
 Lab File: BG033299.D  
 Acq: 22 Mar 2018 17:57

Tgt Ion	Resp	Lower	Upper
164	100		
162	93.3	78.8	118.2
160	45.7	35.4	53.0

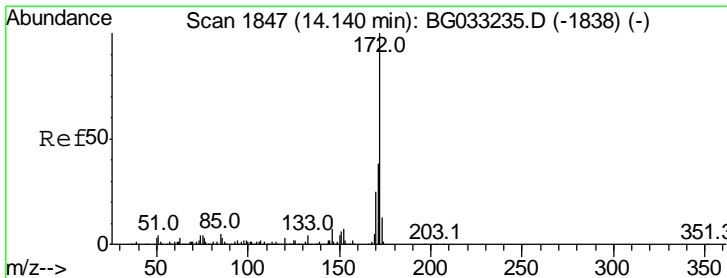
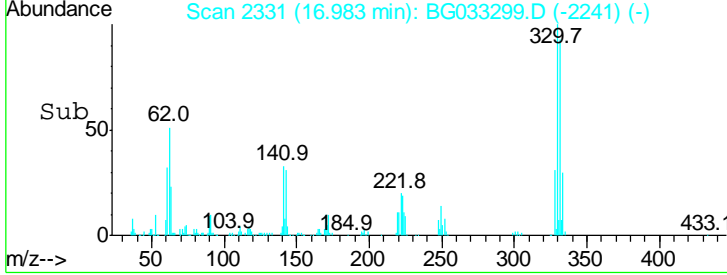
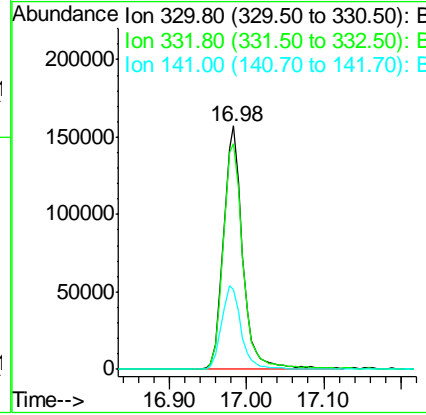
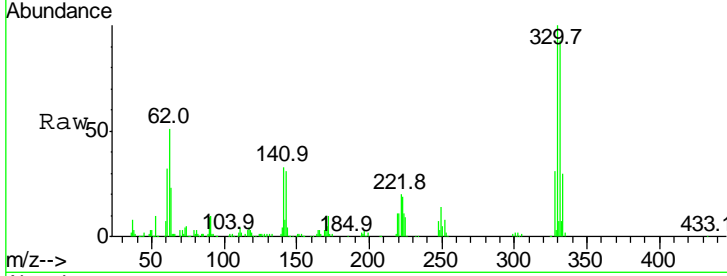




#41  
 2,4,6-Tribromophenol  
 Concen: 145.479 ng  
 RT: 16.98 min Scan# 2331  
 Delta R.T. -0.00 min  
 Lab File: BG033299.D  
 Acq: 22 Mar 2018 17:57

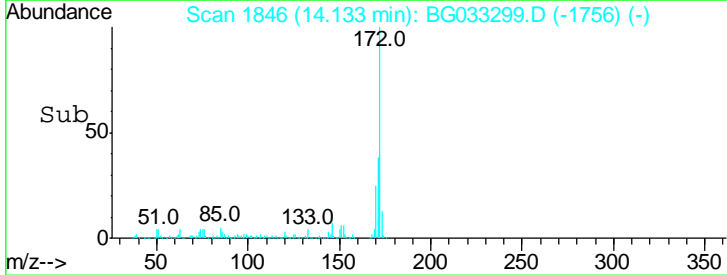
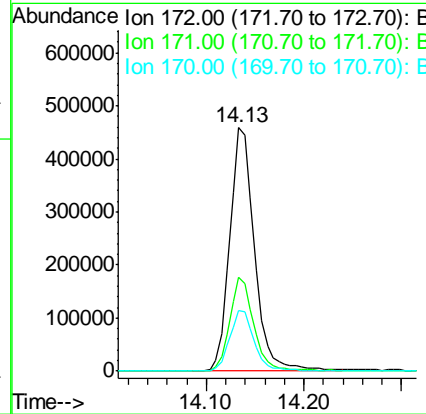
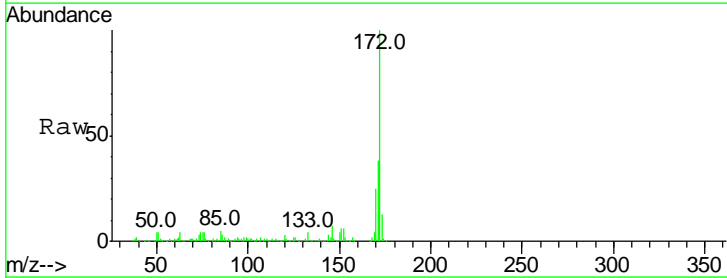
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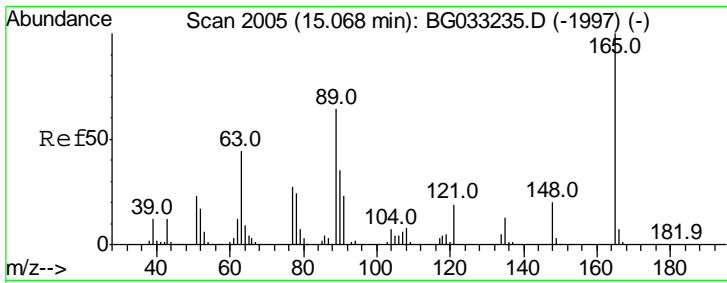
Tgt Ion	Resp	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	35.0	25.2	37.8



#44  
 2-Fluorobiphenyl  
 Concen: 94.478 ng  
 RT: 14.13 min Scan# 1846  
 Delta R.T. -0.00 min  
 Lab File: BG033299.D  
 Acq: 22 Mar 2018 17:57

Tgt Ion	Resp	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	25.1	19.5	29.3

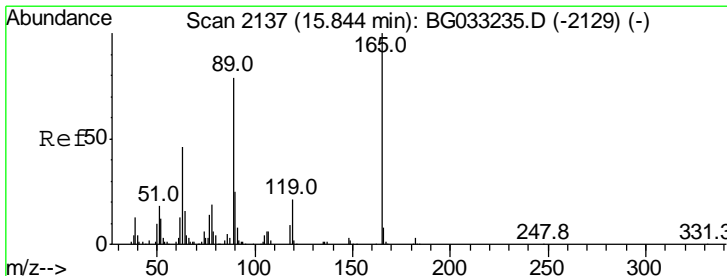
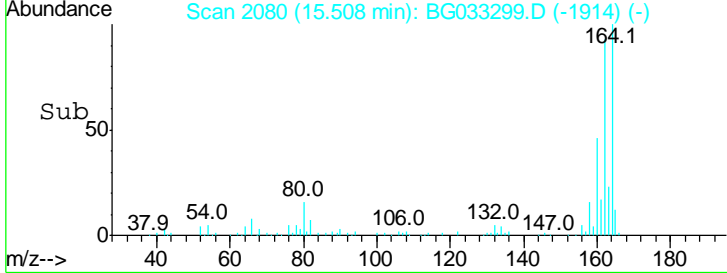
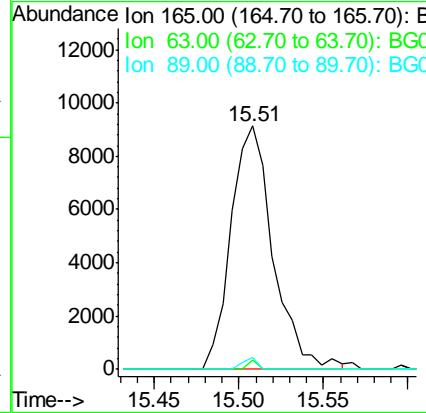
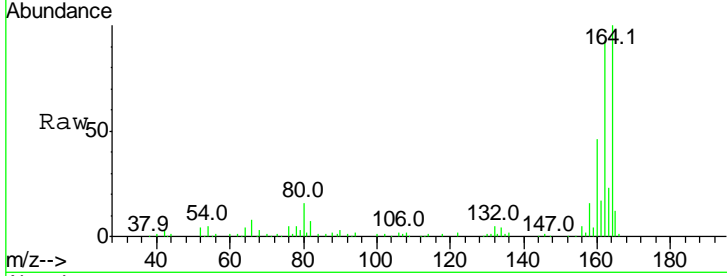




#50  
 2,6-Dinitrotoluene  
 Concen: 7.186 ng  
 RT: 15.51 min Scan# 2080  
 Delta R.T. 0.44 min  
 Lab File: BG033299.D  
 Acq: 22 Mar 2018 17:57

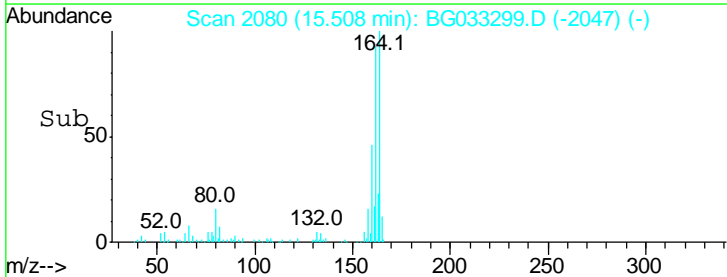
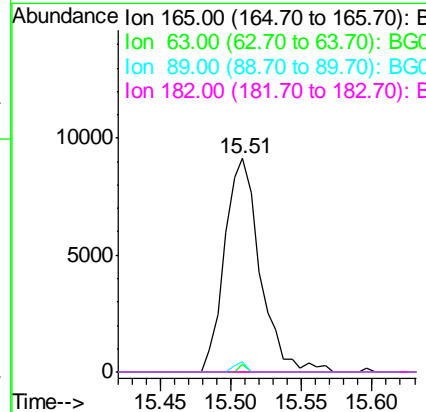
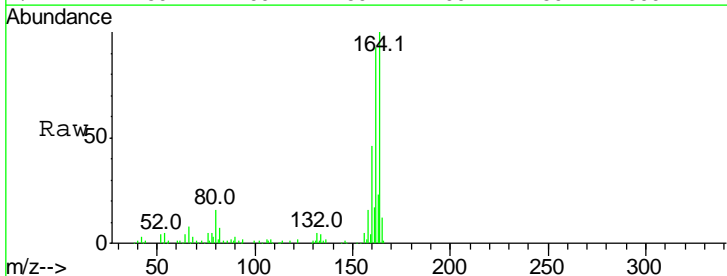
Instrument :  
 BNA\_G  
 ClientSampled :

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.8	52.7	79.1#
89	4.9	49.2	73.8#

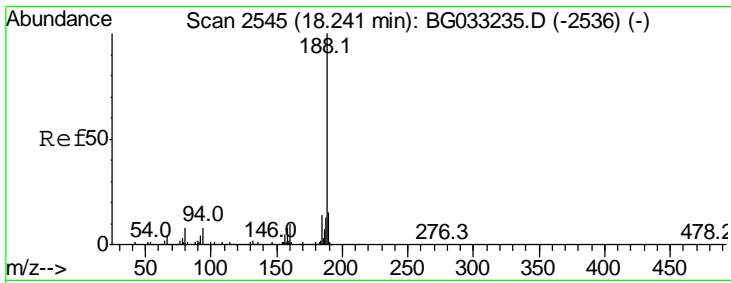


#56  
 2,4-Dinitrotoluene  
 Concen: 4.909 ng  
 RT: 15.51 min Scan# 2080  
 Delta R.T. -0.34 min  
 Lab File: BG033299.D  
 Acq: 22 Mar 2018 17:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.8	42.0	63.0#
89	4.9	66.9	100.3#
182	0.0	2.6	3.8#



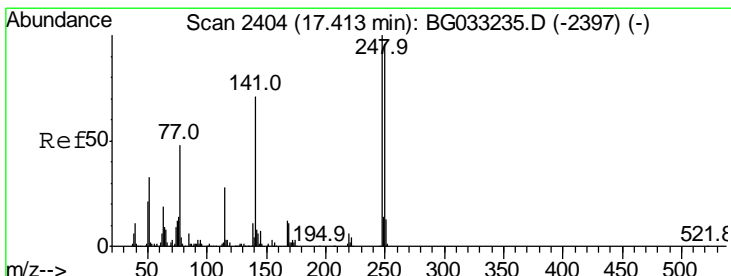
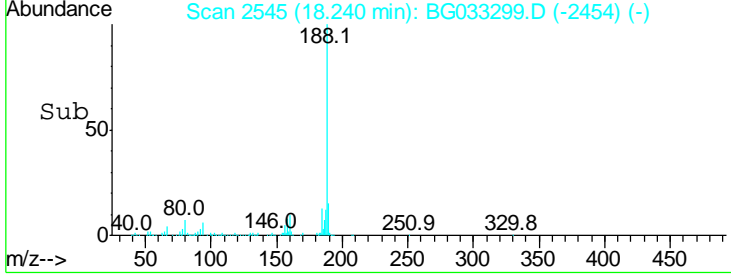
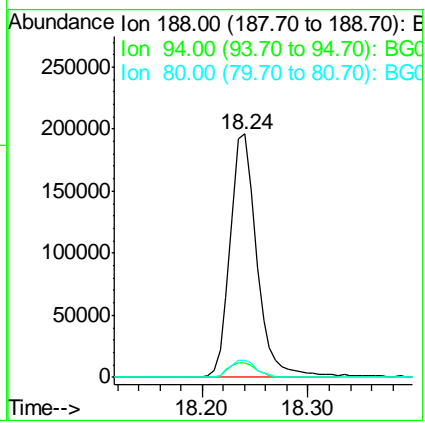
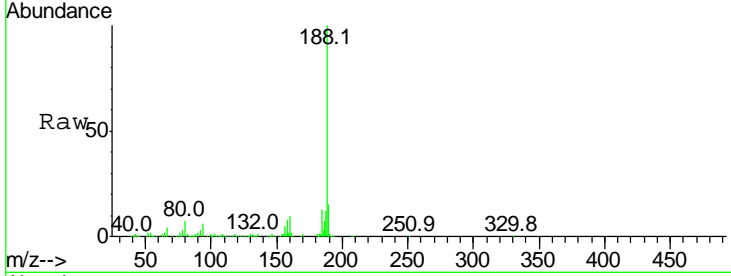




#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 18.24 min Scan# 2545  
 Delta R.T. 0.00 min  
 Lab File: BG033299.D  
 Acq: 22 Mar 2018 17:57

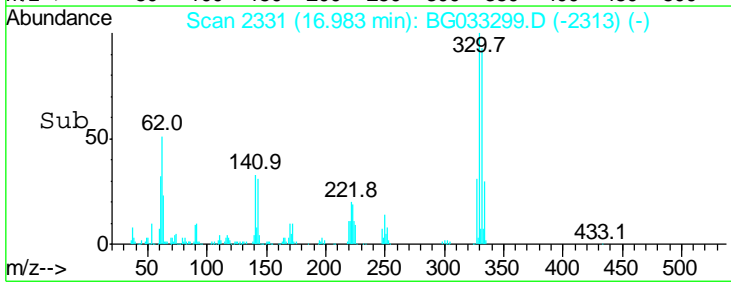
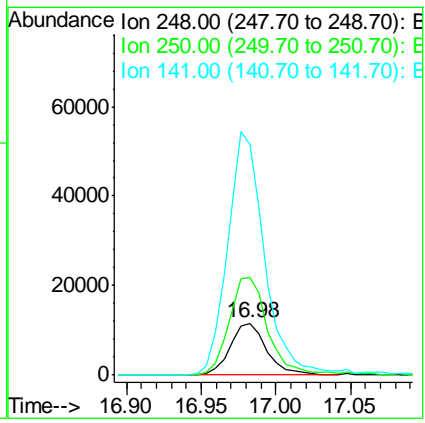
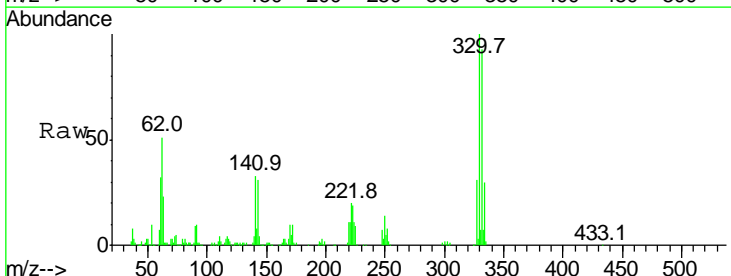
Instrument :  
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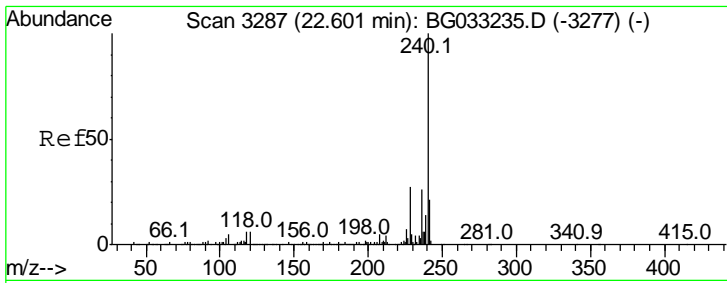
Tgt Ion	Resp	Lower	Upper
188	100		
94	5.9	6.9	10.3#
80	7.1	7.7	11.5#



#66  
 4-Bromophenyl-phenylether  
 Concen: 4.933 ng  
 RT: 16.98 min Scan# 2331  
 Delta R.T. -0.43 min  
 Lab File: BG033299.D  
 Acq: 22 Mar 2018 17:57

Tgt Ion	Resp	Lower	Upper
248	100		
250	189.4	77.1	115.7#
141	446.0	50.8	76.2#

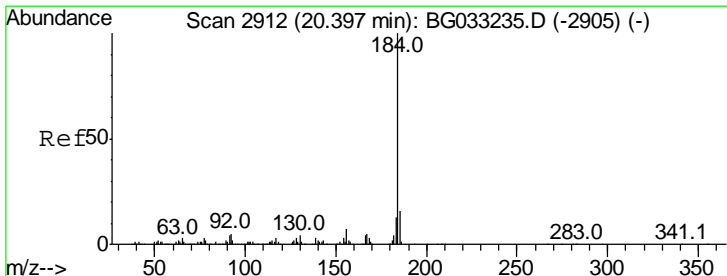
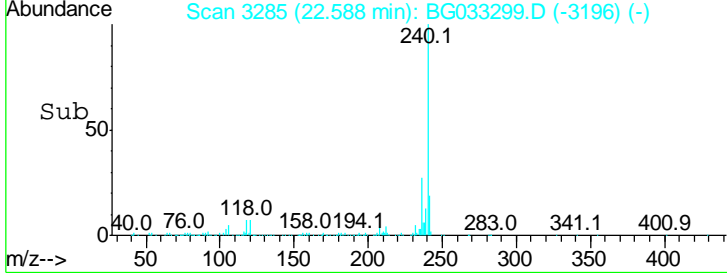
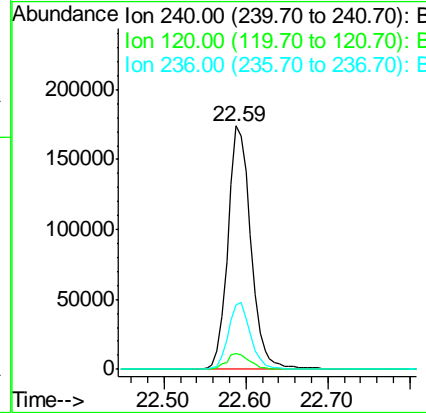
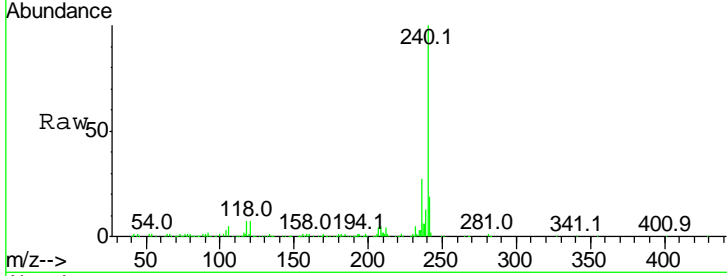




#75  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 22.59 min Scan# 3285  
 Delta R.T. -0.01 min  
 Lab File: BG033299.D  
 Acq: 22 Mar 2018 17:57

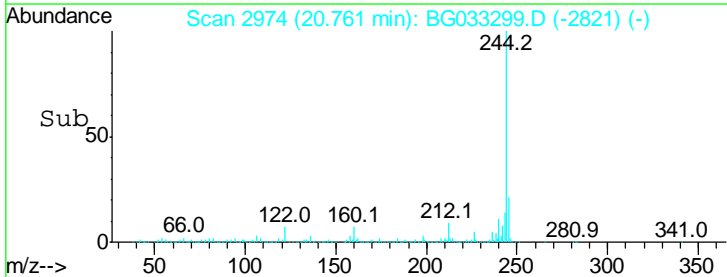
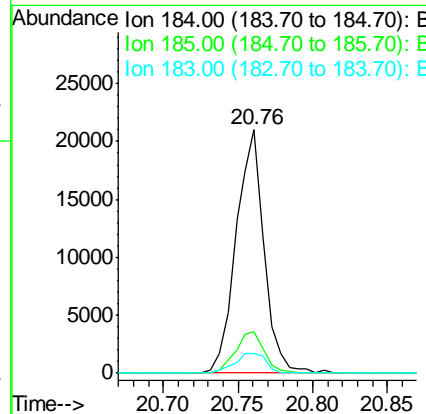
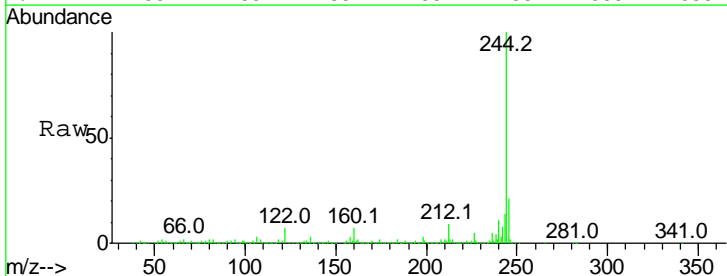
Instrument :  
 BNA\_G  
 ClientSampleId :

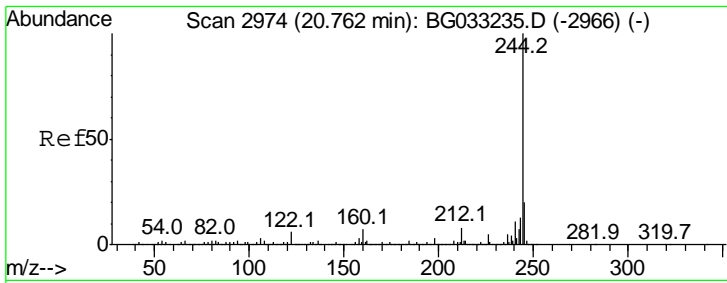
Tgt Ion	Resp	Lower	Upper
240	100		
120	6.7	6.8	10.2#
236	26.6	20.9	31.3



#76  
 Benzidine  
 Concen: 2.968 ng  
 RT: 20.76 min Scan# 2974  
 Delta R.T. 0.37 min  
 Lab File: BG033299.D  
 Acq: 22 Mar 2018 17:57

Tgt Ion	Resp	Lower	Upper
184	100		
185	17.2	11.1	16.7#
183	8.2	10.6	16.0#



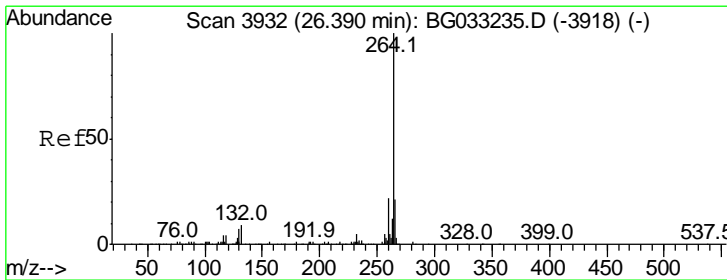
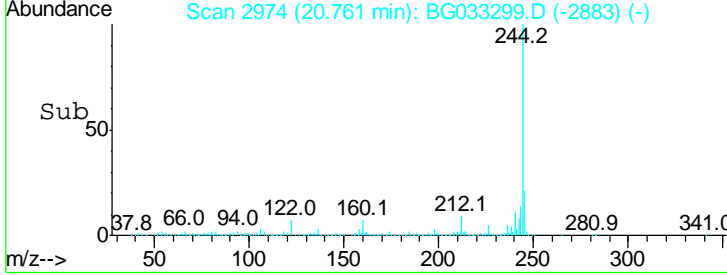
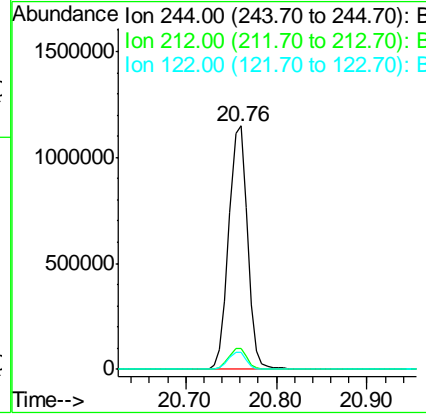
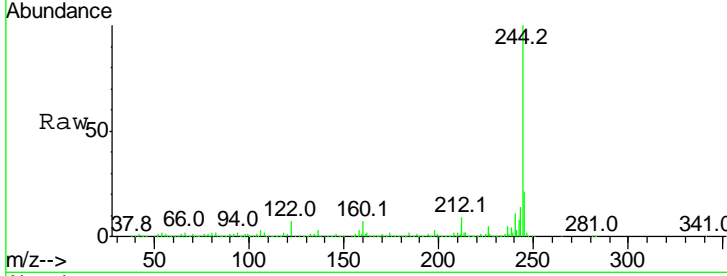


#78  
 Terphenyl-d14  
 Concen: 103.310 ng  
 RT: 20.76 min Scan# 2974  
 Delta R.T. 0.00 min  
 Lab File: BG033299.D  
 Acq: 22 Mar 2018 17:57

Instrument :  
 BNA\_G  
 ClientSampled :

Tgt Ion: 244 Resp: 1649014

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	7.0	7.0	10.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 26.38 min Scan# 3931  
 Delta R.T. -0.00 min  
 Lab File: BG033299.D  
 Acq: 22 Mar 2018 17:57

Tgt Ion: 264 Resp: 341717

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	22.5	17.7	26.5

