

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
 Data File : BG035997.D
 Acq On : 31 Jul 2018 5:57
 Operator : JU/SJ
 Sample : J4219-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 31 07:39:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 01:42:28 2018
 Response via : Initial Calibration

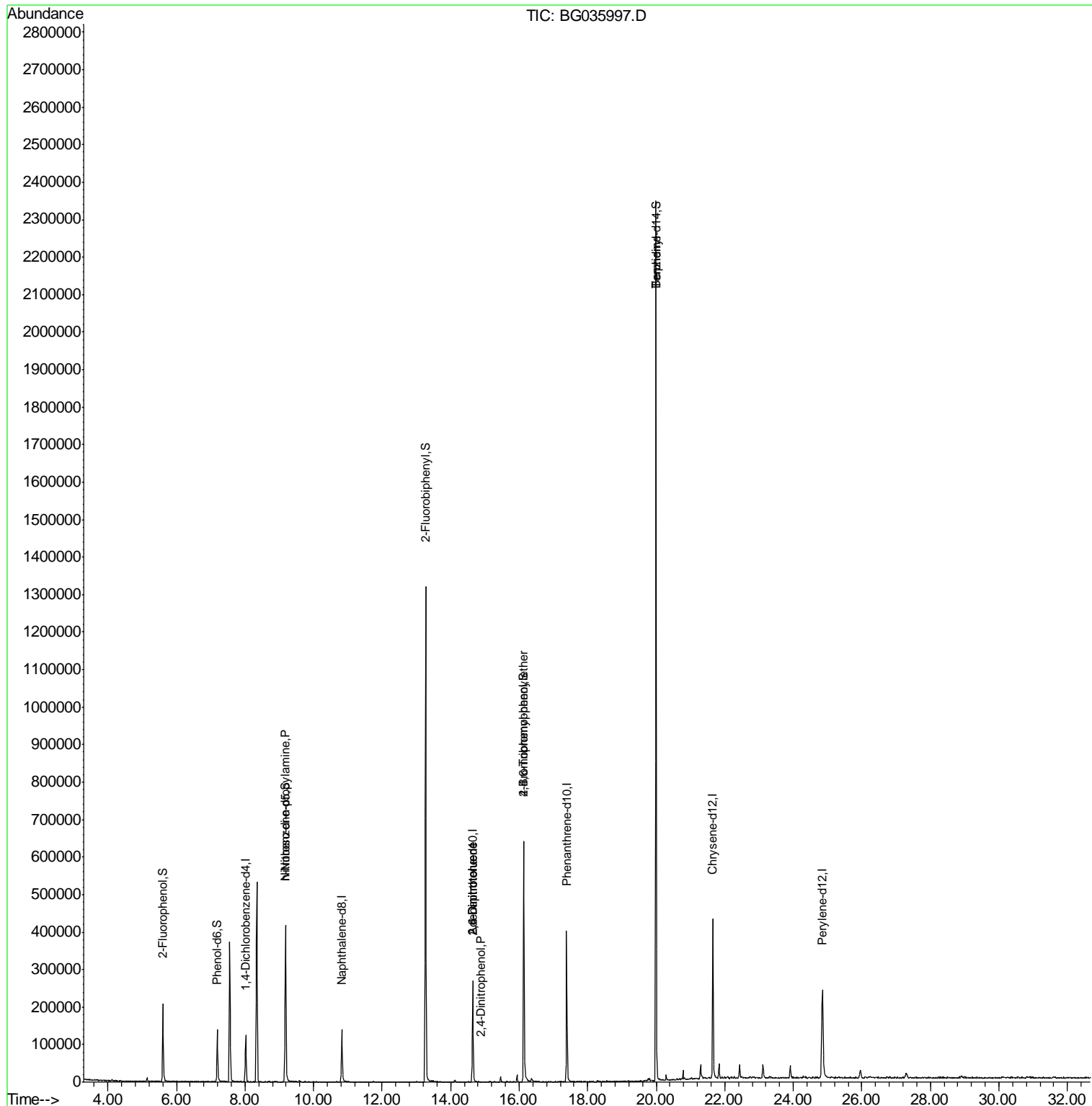
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	34229	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	131559	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	104324	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	276028	20.00	ng	0.00
75) Chrysene-d12	21.65	240	282093	20.00	ng	0.00
86) Perylene-d12	24.85	264	265651	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	99421	48.22	ng	0.00
7) Phenol-d6	7.19	99	95700	31.11	ng	0.00
23) Nitrobenzene-d5	9.19	82	294315	93.46	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	130088	94.61	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	745917	95.79	ng	0.00
78) Terphenyl-d14	20.00	244	1143562	89.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	41372	15.972	ng	# 71
50) 2,6-Dinitrotoluene	14.65	165	13857	7.445	ng	# 20
53) 2,4-Dinitrophenol	14.87	184	70	6.649	ng	# 1
56) 2,4-Dinitrotoluene	14.65	165	13857	5.189	ng	# 18
66) 4-Bromophenyl-phenylether	16.14	248	10812	3.376	ng	# 1
76) Benzidine	20.00	184	19303	2.603	ng	# 90

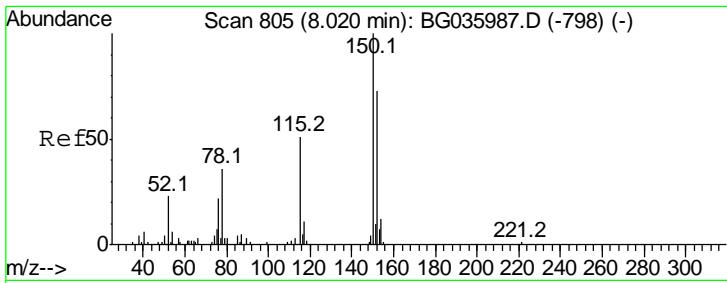
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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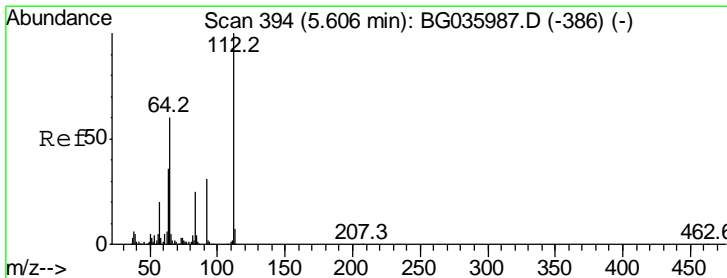
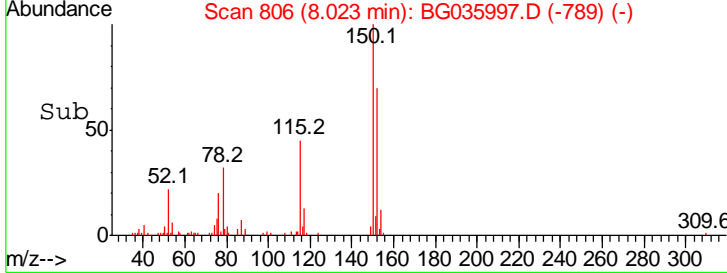
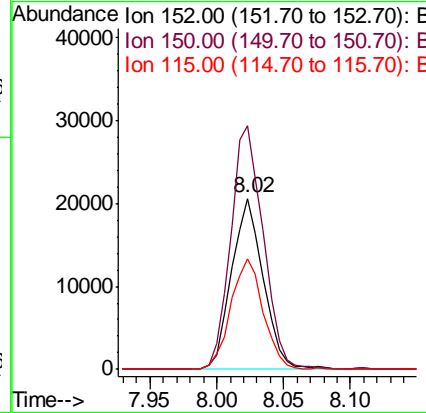
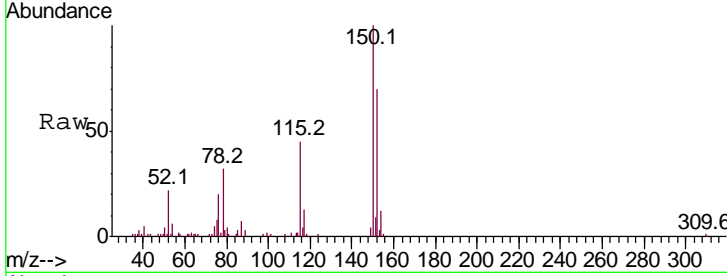




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BG035997.D
 Acq: 31 Jul 2018 5:57

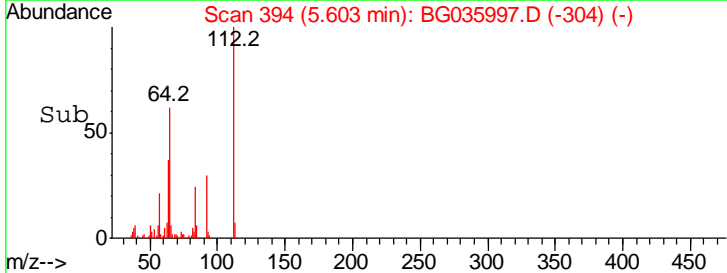
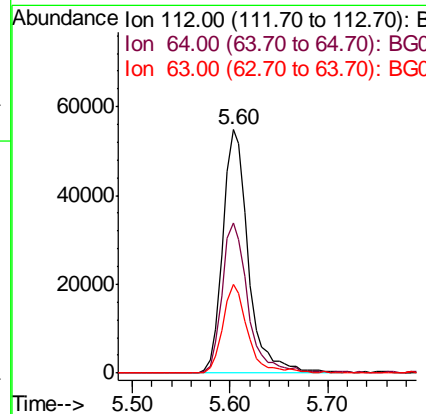
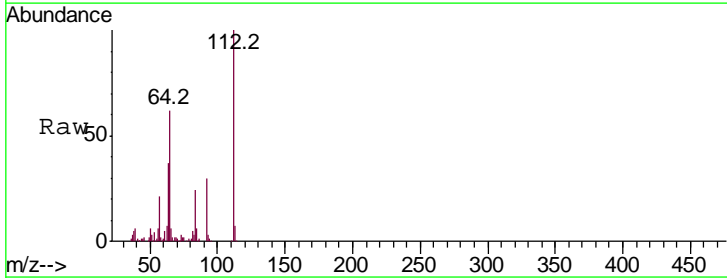
Instrument :
 BNA_G
 ClientSampled :

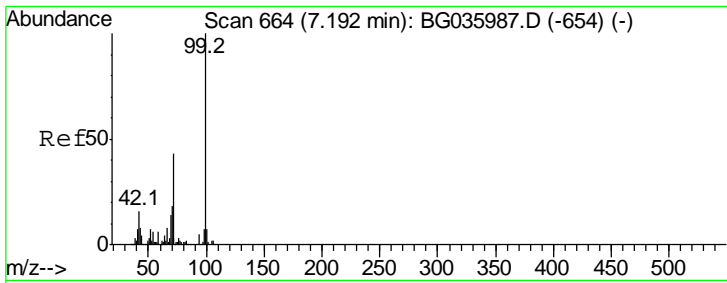
Tgt Ion	Resp	Lower	Upper
152	34229		
150	142.6	126.6	189.8
115	64.8	53.0	79.4



#5
 2-Fluorophenol
 Concen: 48.223 ng
 RT: 5.60 min Scan# 394
 Delta R.T. -0.00 min
 Lab File: BG035997.D
 Acq: 31 Jul 2018 5:57

Tgt Ion	Resp	Lower	Upper
112	99421		
64	61.9	56.3	84.5
63	36.7	30.1	45.1

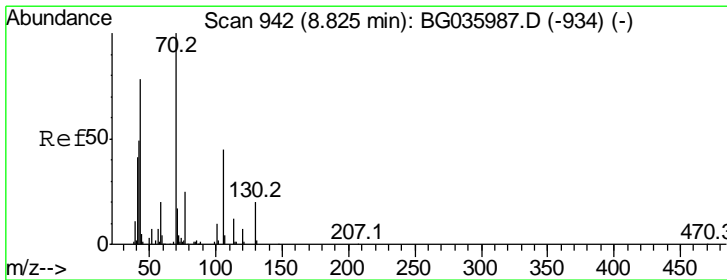
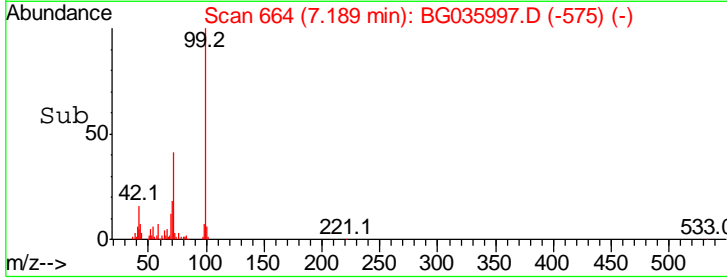
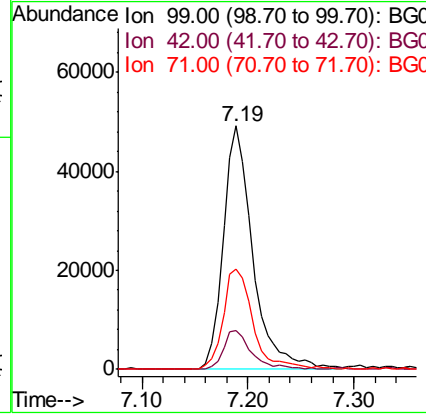
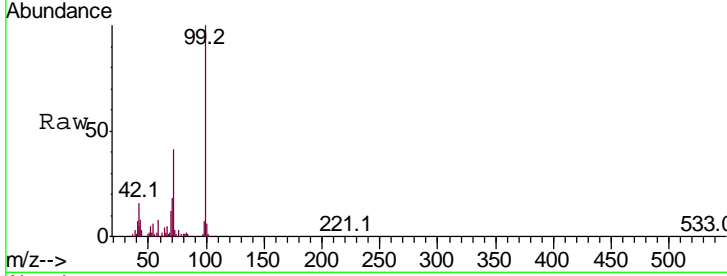




#7
 Phenol-d6
 Concen: 31.112 ng
 RT: 7.19 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BG035997.D
 Acq: 31 Jul 2018 5:57

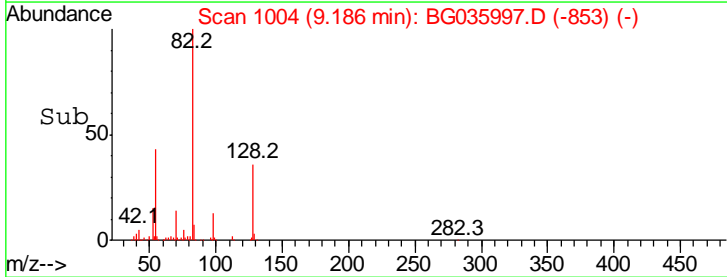
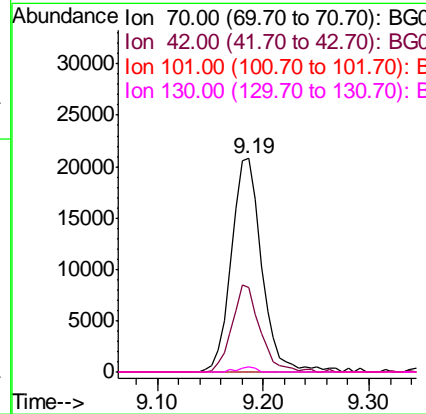
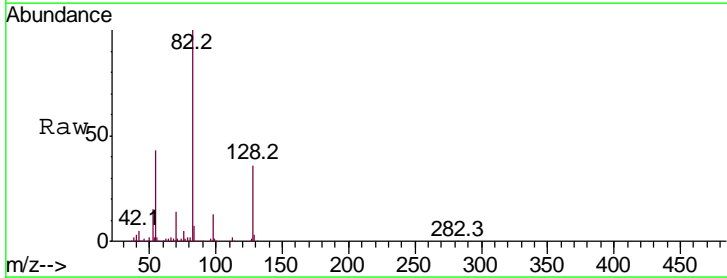
Instrument :
 BNA_G
 ClientSampled :

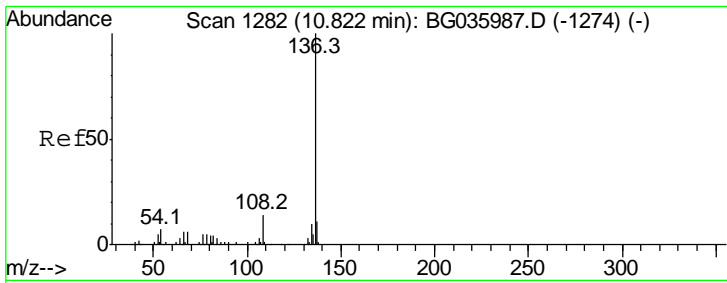
Tgt Ion	Resp	Lower	Upper
99	100		
42	16.0	14.1	21.1
71	41.0	26.1	39.1#



#19
 n-Nitroso-di-n-propylamine
 Concen: 15.972 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. 0.36 min
 Lab File: BG035997.D
 Acq: 31 Jul 2018 5:57

Tgt Ion	Resp	Lower	Upper
70	100		
42	39.3	49.1	73.7#
101	0.0	8.5	12.7#
130	2.6	13.4	20.0#

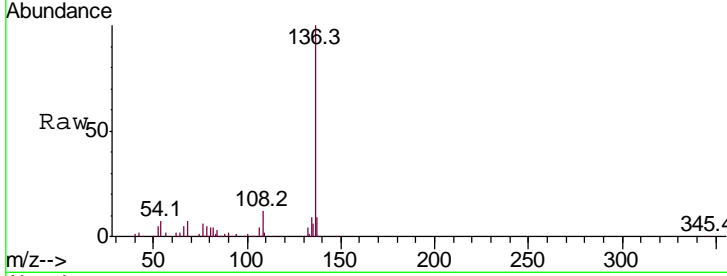




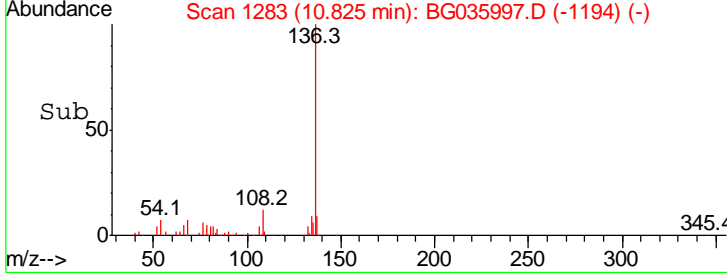
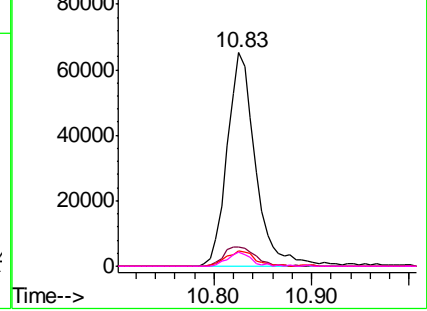
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.83 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG035997.D
 Acq: 31 Jul 2018 5:57

Instrument :
 BNA_G
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
136	100		
137	9.1	9.2	13.8#
54	7.2	10.3	15.5#
68	6.5	4.5	6.7

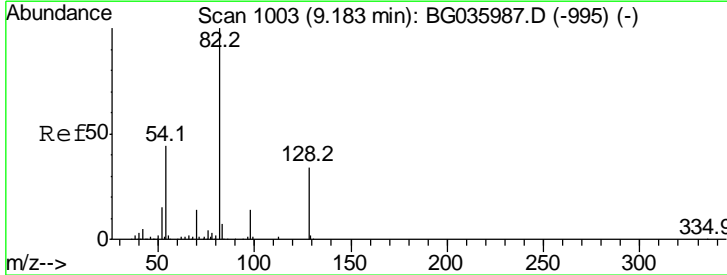


Abundance Ion 136.00 (135.70 to 136.70): E
 Ion 137.00 (136.70 to 137.70): E
 Ion 54.00 (53.70 to 54.70): BG
 Ion 68.00 (67.70 to 68.70): BG

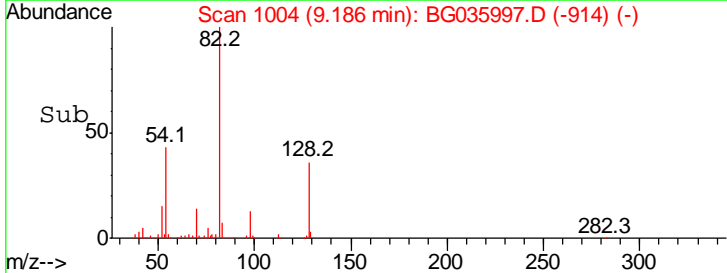
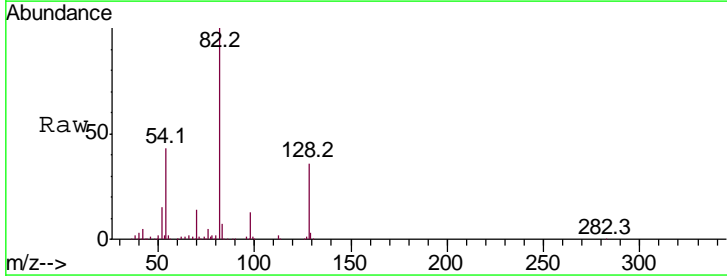
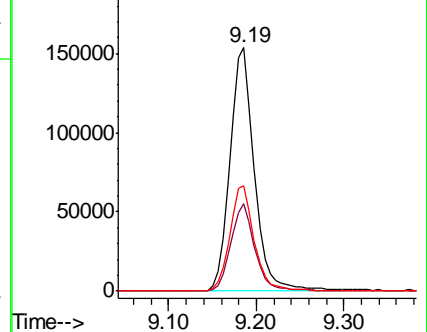


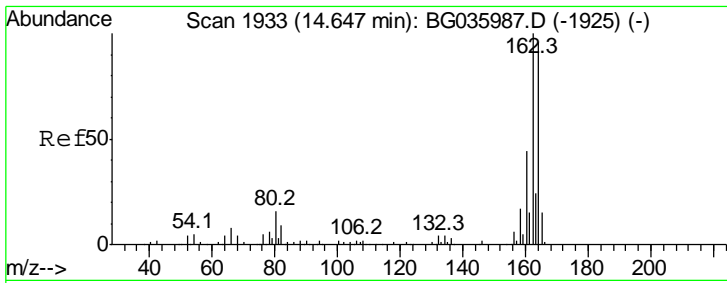
#23
 Nitrobenzene-d5
 Concen: 93.456 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG035997.D
 Acq: 31 Jul 2018 5:57

Tgt Ion	Resp	Lower	Upper
82	100		
128	35.7	29.7	44.5
54	43.0	43.1	64.7#



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



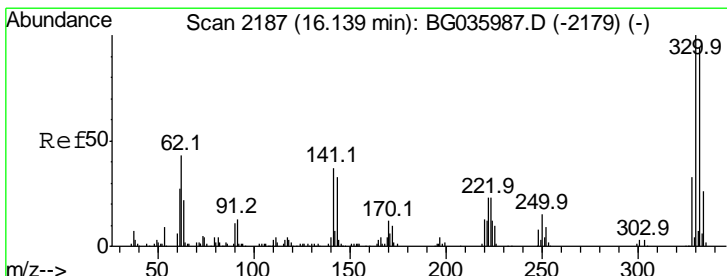
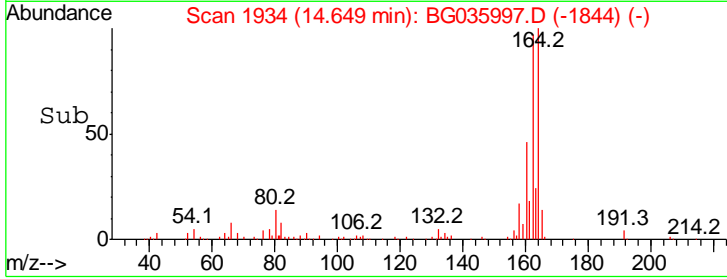
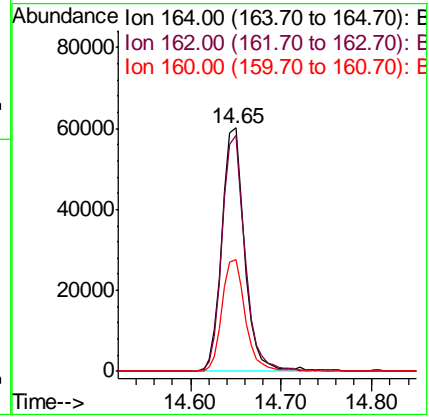
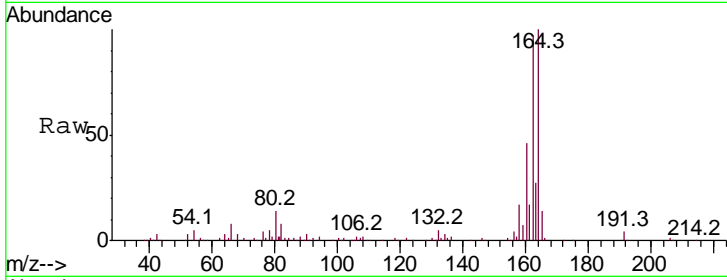


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG035997.D
 Acq: 31 Jul 2018 5:57

Instrument :
 BNA_G
 ClientSampled :

Tgt Ion:164 Resp: 104324

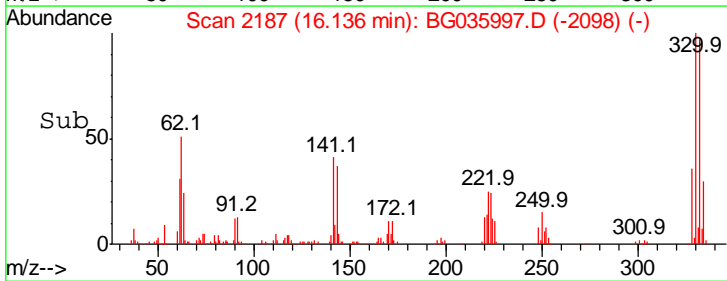
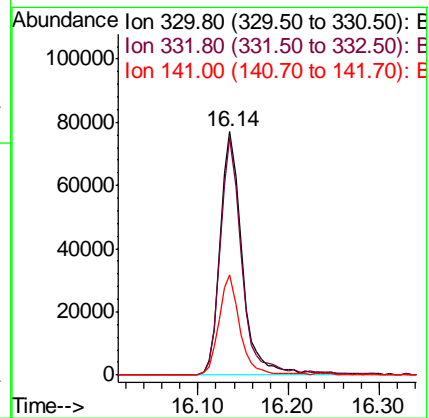
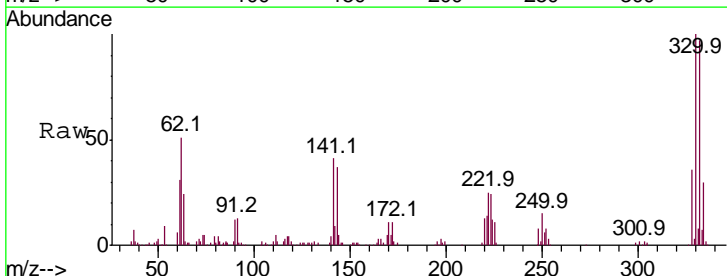
Ion	Ratio	Lower	Upper
164	100		
162	96.8	78.8	118.2
160	45.8	35.4	53.0

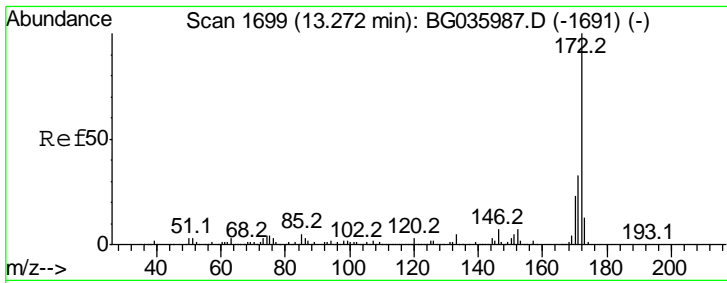


#41
 2,4,6-Tribromophenol
 Concen: 94.605 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG035997.D
 Acq: 31 Jul 2018 5:57

Tgt Ion:330 Resp: 130088

Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	39.2	25.2	37.8#

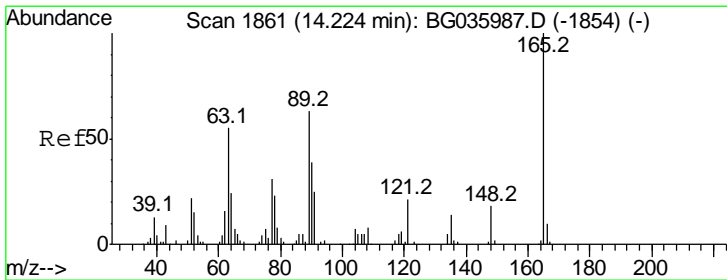
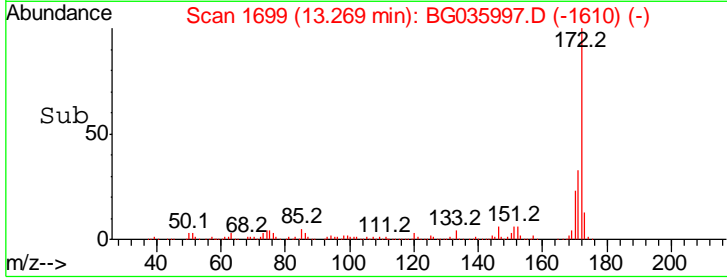
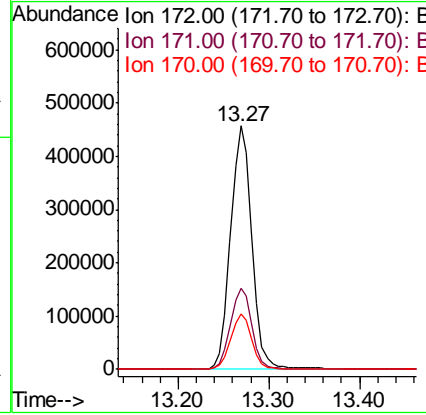
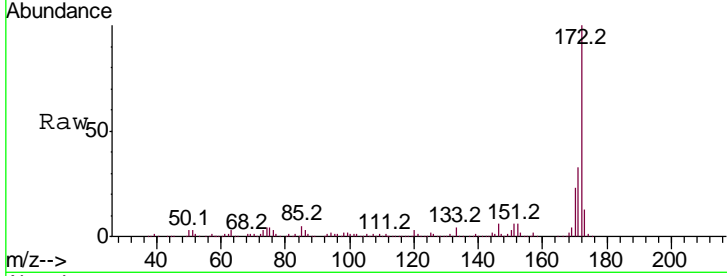




#44
 2-Fluorobiphenyl
 Concen: 95.792 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG035997.D
 Acq: 31 Jul 2018 5:57

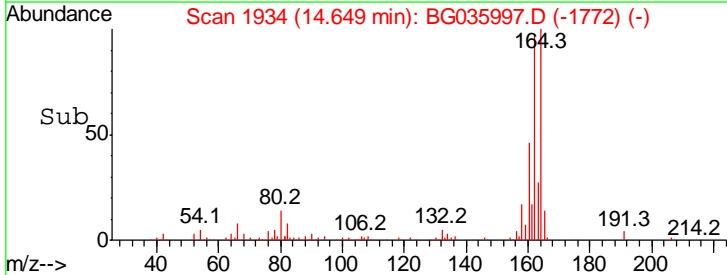
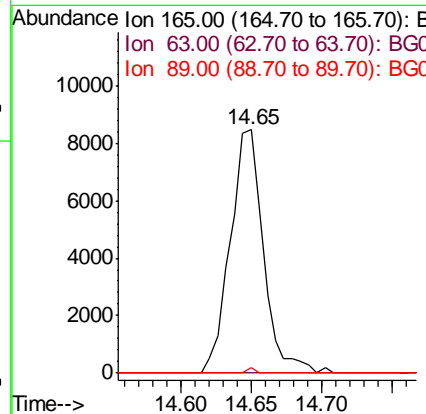
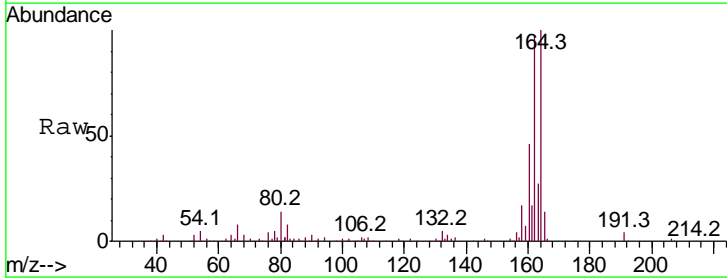
Instrument :
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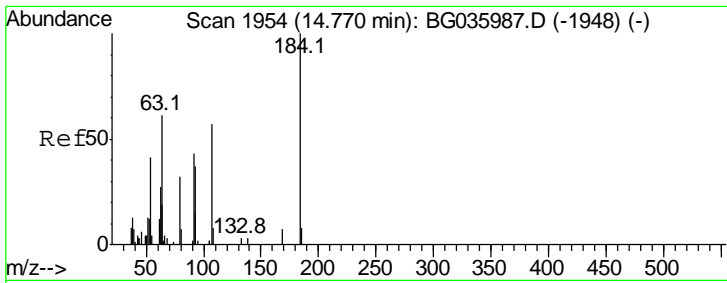
Tgt Ion	Resp	Lower	Upper
172	100		
171	33.5	30.0	45.0
170	22.6	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.445 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.42 min
 Lab File: BG035997.D
 Acq: 31 Jul 2018 5:57

Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.2	49.2	73.8#

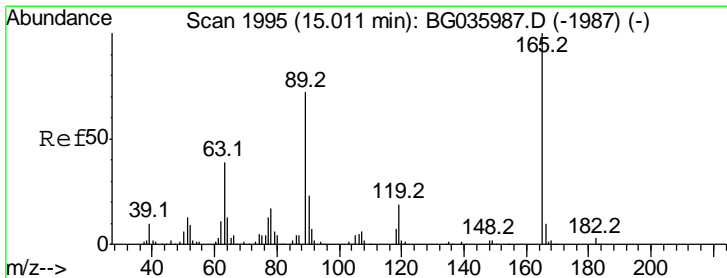
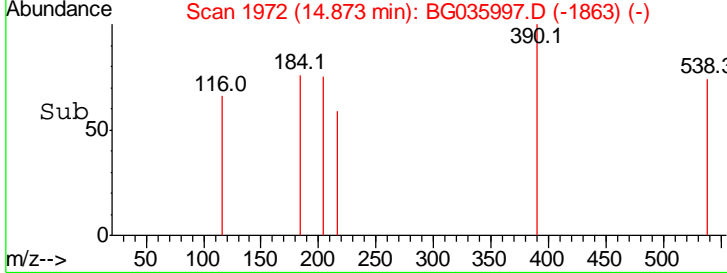
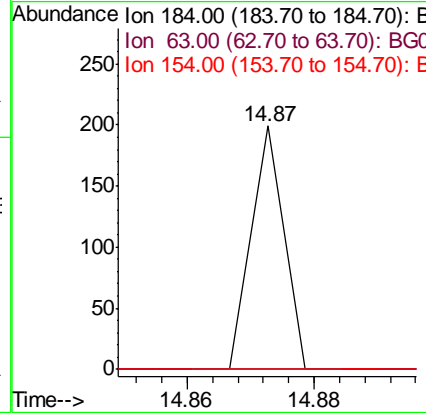
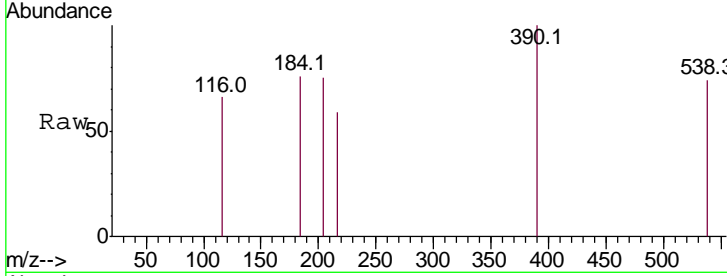




#53
 2,4-Dinitrophenol
 Concen: 6.649 ng
 RT: 14.87 min Scan# 1972
 Delta R.T. 0.11 min
 Lab File: BG035997.D
 Acq: 31 Jul 2018 5:57

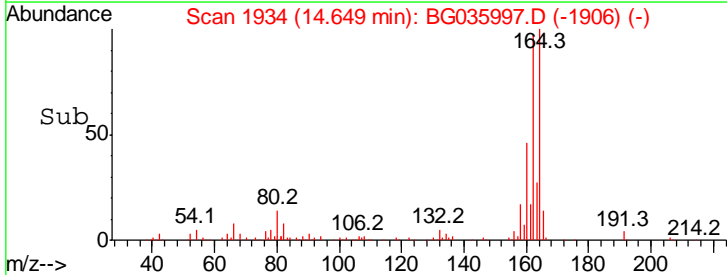
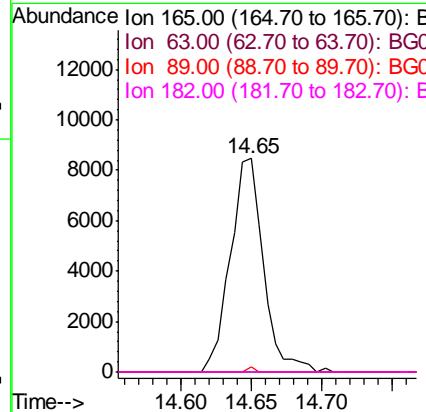
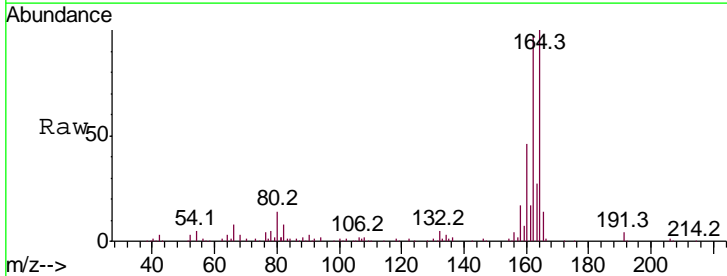
Instrument :
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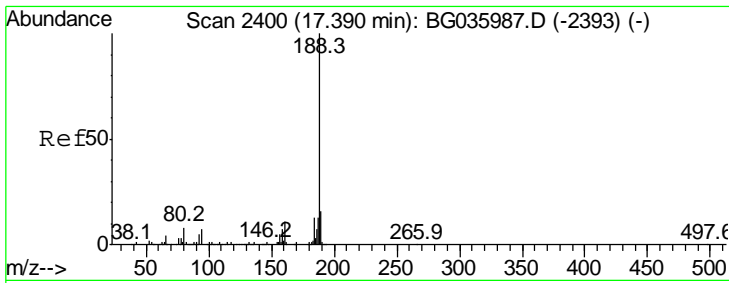
Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	0.0	101.8	152.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.189 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.37 min
 Lab File: BG035997.D
 Acq: 31 Jul 2018 5:57

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

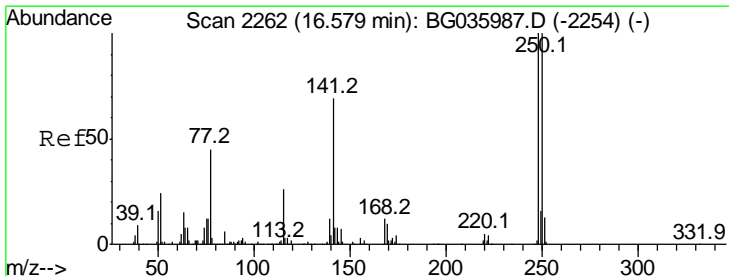
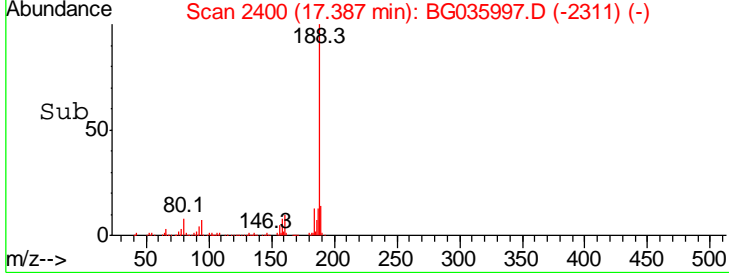
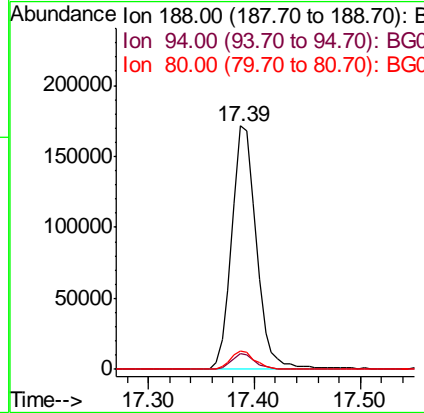
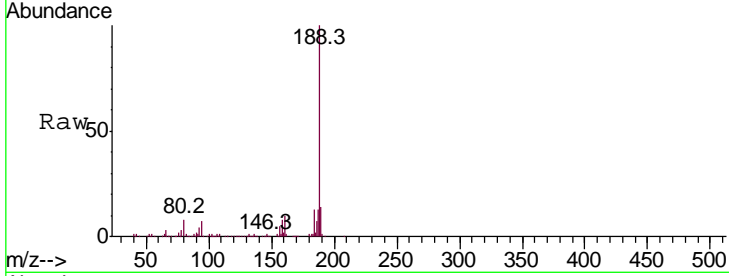




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2400
 Delta R.T. -0.01 min
 Lab File: BG035997.D
 Acq: 31 Jul 2018 5:57

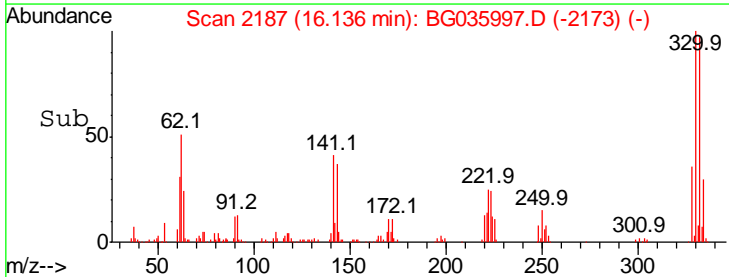
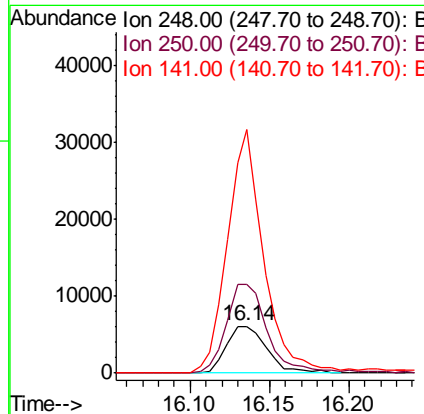
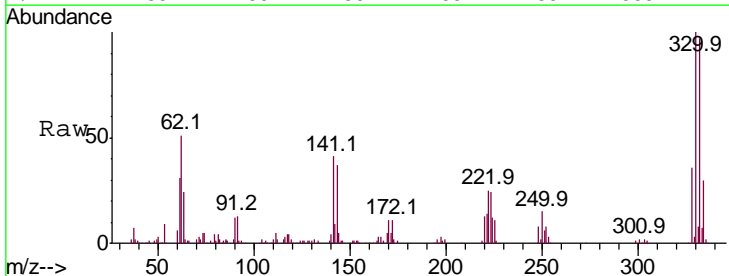
Instrument :
 BNA_G
 ClientSampled :

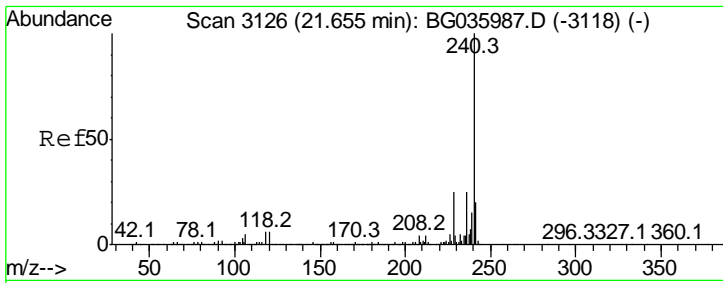
Tgt Ion	Resp	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	7.7	7.7	11.5



#66
 4-Bromophenyl-phenylether
 Concen: 3.376 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.45 min
 Lab File: BG035997.D
 Acq: 31 Jul 2018 5:57

Tgt Ion	Resp	Lower	Upper
248	100		
250	189.7	77.1	115.7#
141	518.0	50.8	76.2#

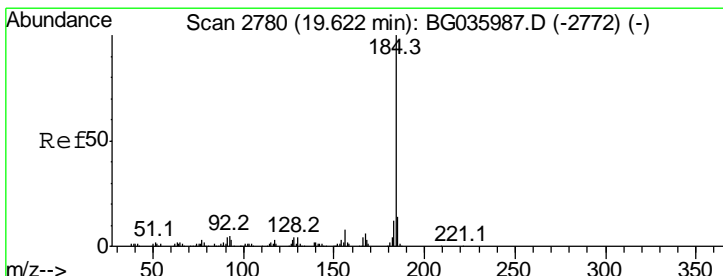
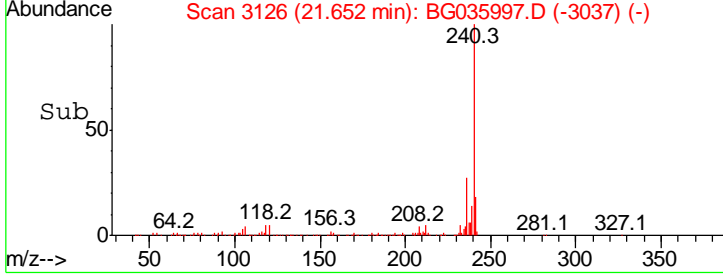
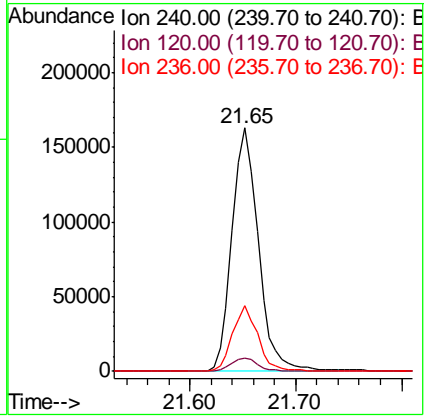
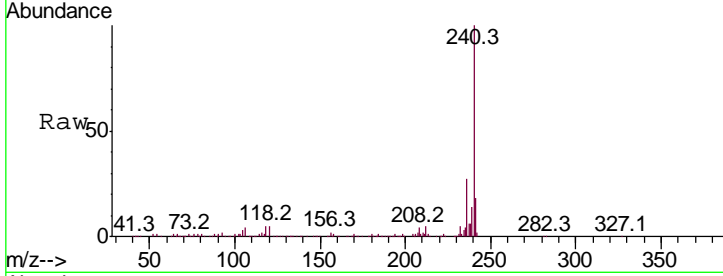




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BG035997.D
 Acq: 31 Jul 2018 5:57

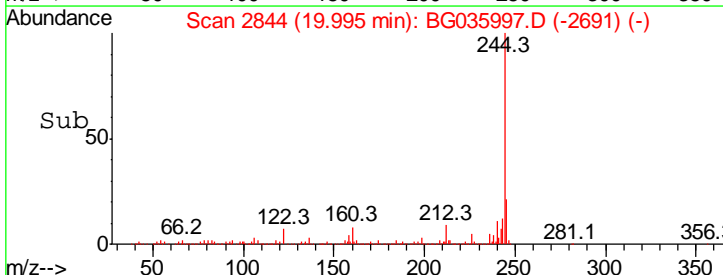
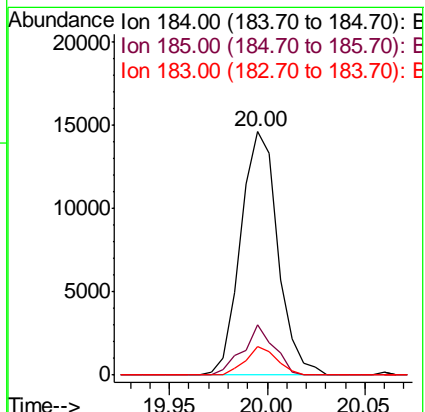
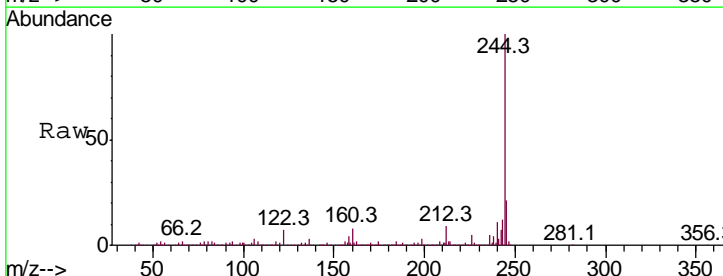
Instrument :
 BNA_G
 ClientSampled :

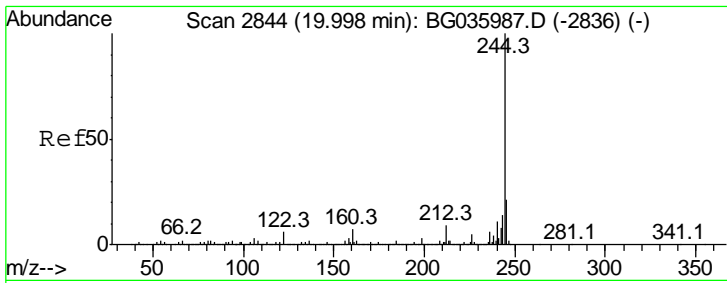
Tgt Ion	Resp	Lower	Upper
240	100		
120	5.5	6.8	10.2#
236	27.2	20.9	31.3



#76
 Benzidine
 Concen: 2.603 ng
 RT: 20.00 min Scan# 2844
 Delta R.T. 0.37 min
 Lab File: BG035997.D
 Acq: 31 Jul 2018 5:57

Tgt Ion	Resp	Lower	Upper
184	100		
185	20.4	11.1	16.7#
183	11.7	10.6	16.0



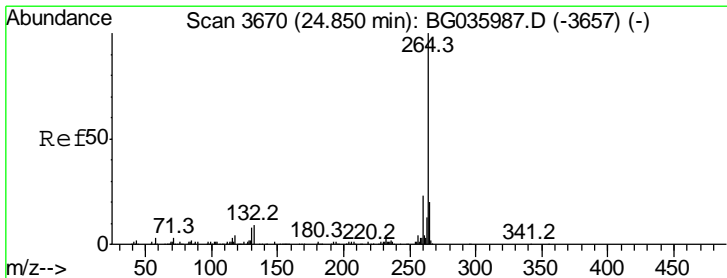
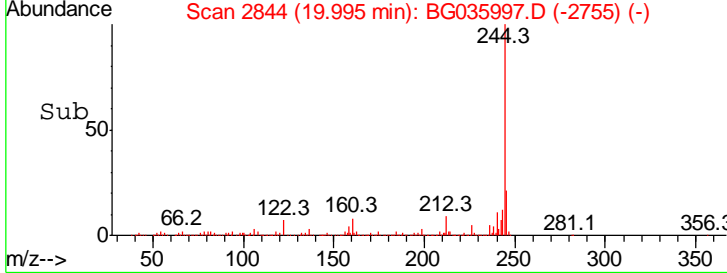
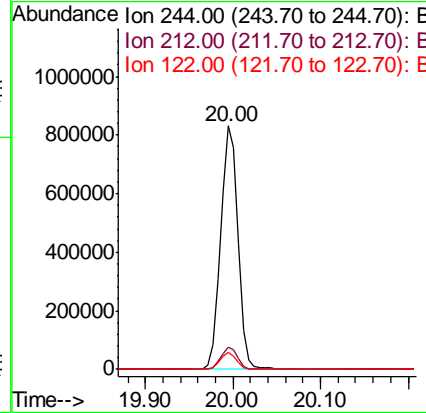
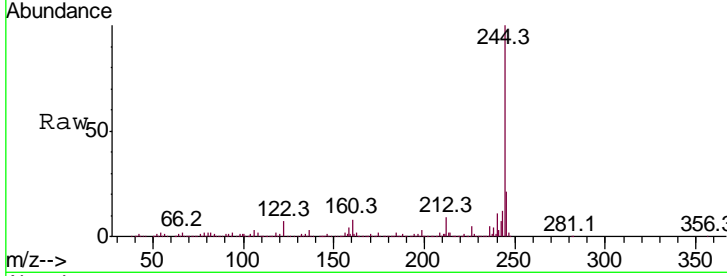


#78
 Terphenyl-d14
 Concen: 89.359 ng
 RT: 20.00 min Scan# 2844
 Delta R.T. -0.01 min
 Lab File: BG035997.D
 Acq: 31 Jul 2018 5:57

Instrument :
 BNA_G
 ClientSampled :

Tgt Ion: 244 Resp: 1143562

Ion	Ratio	Lower	Upper
244	100		
212	9.2	5.8	8.8#
122	7.1	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3671
 Delta R.T. -0.01 min
 Lab File: BG035997.D
 Acq: 31 Jul 2018 5:57

Tgt Ion: 264 Resp: 265651

Ion	Ratio	Lower	Upper
264	100		
260	26.2	17.4	26.0#
265	22.2	17.7	26.5

