

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
 Data File : BG038192.D
 Acq On : 28 Nov 2018 8:46
 Operator : JU/SJ
 Sample : J6070-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 28 10:33:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

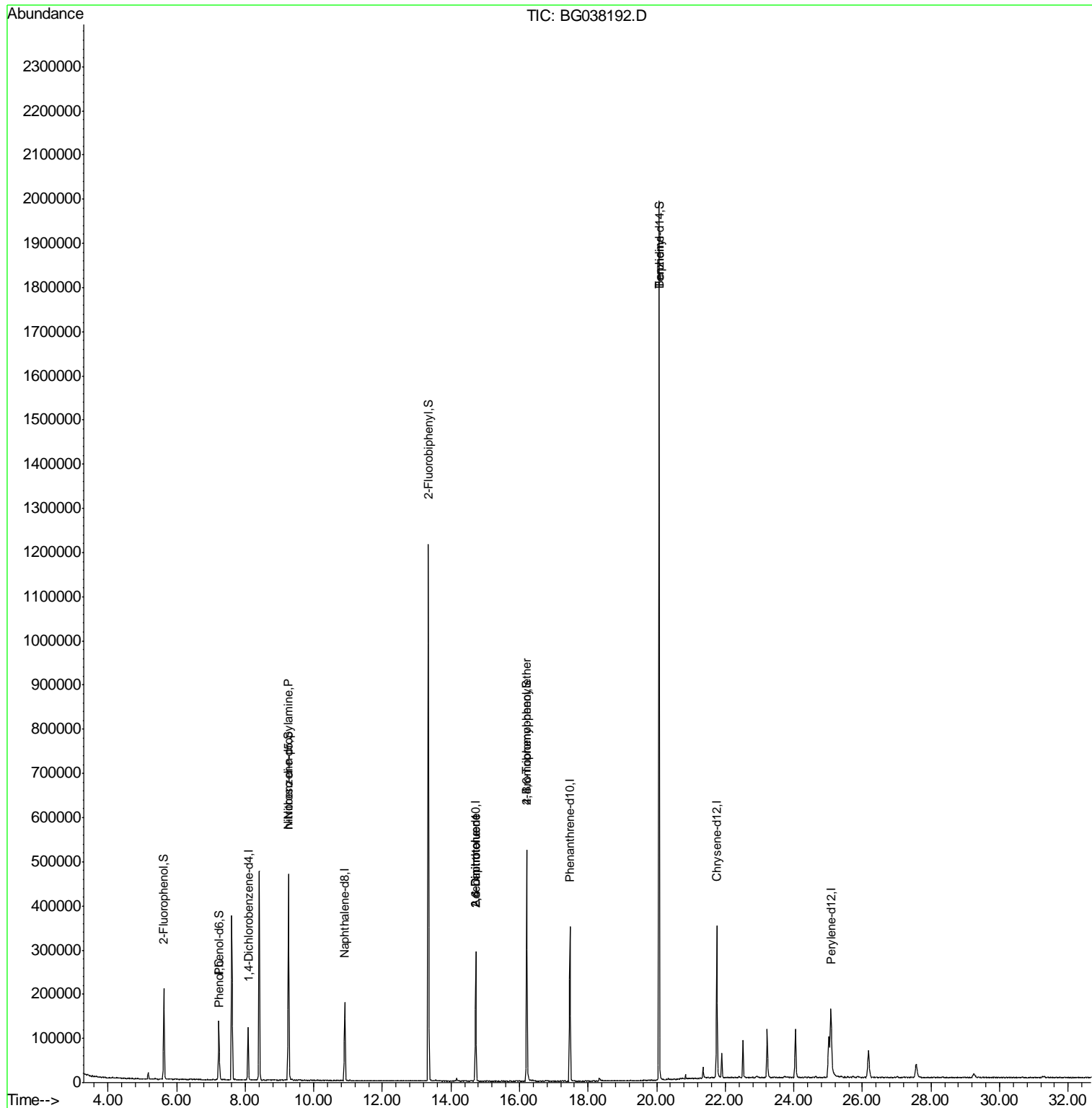
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	34773	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	158941	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	99868	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	227055	20.00	ng	0.00
76) Chrysene-d12	21.75	240	217018	20.00	ng	0.00
87) Perylene-d12	25.08	264	208048	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	92098	45.73	ng	0.00
7) Phenol-d6	7.23	99	81507	28.35	ng	0.00
23) Nitrobenzene-d5	9.26	82	284735	95.90	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	99735	87.57	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	652895	95.24	ng	0.00
79) Terphenyl-d14	20.07	244	966253	104.77	ng	0.00
Target Compounds						
10) Phenol	7.25	94	9230	3.031	ng	84
19) n-Nitroso-di-n-propylamine	9.26	70	38196	18.362	ng	# 76
51) 2,6-Dinitrotoluene	14.72	165	13257	7.398	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	13257	5.438	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	6994	2.806	ng	# 1
77) Benzidine	20.07	184	16599	2.180	ng	# 93

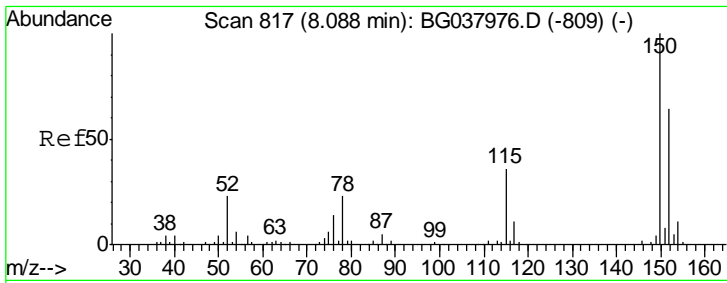
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

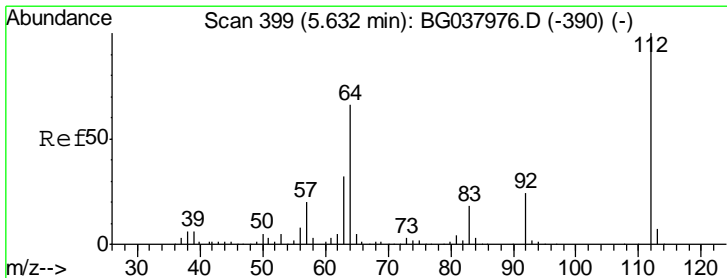
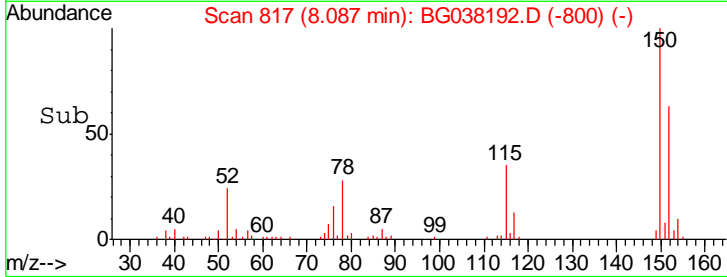
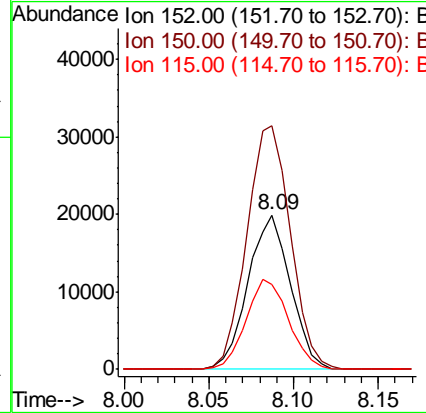
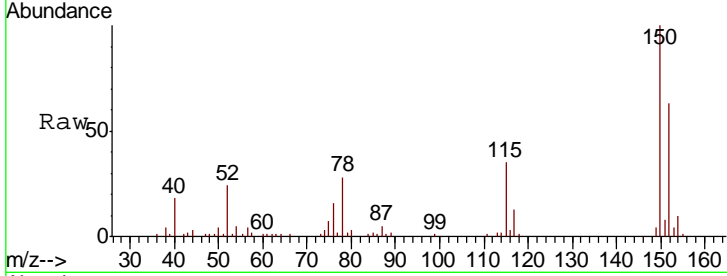




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BG038192.D
 Acq: 28 Nov 2018 8:46

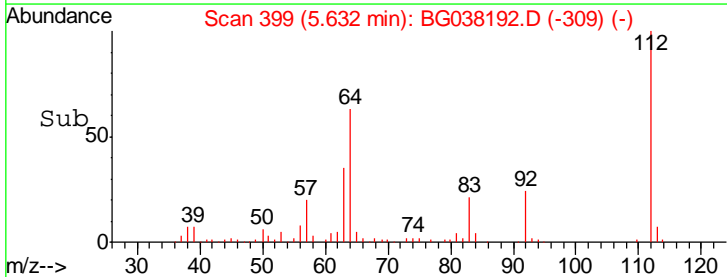
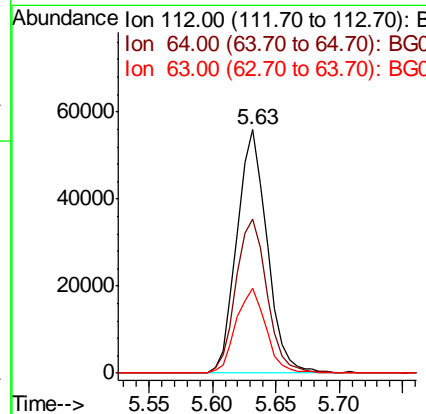
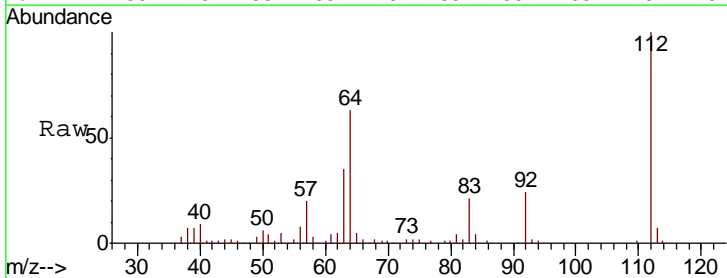
Instrument :
 BNA_G
 ClientSampled :

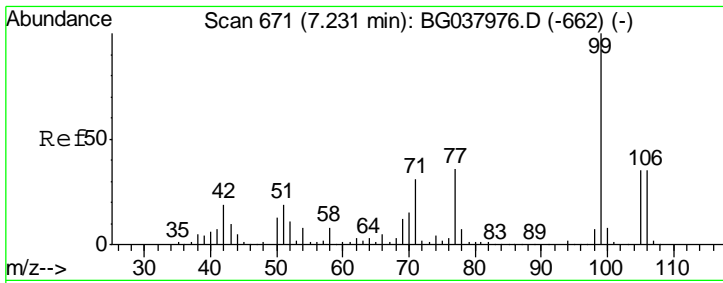
Tgt Ion	Resp	Lower	Upper
152	34773		
150	157.6	126.0	189.0
115	55.0	45.5	68.3



#5
 2-Fluorophenol
 Concen: 45.729 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BG038192.D
 Acq: 28 Nov 2018 8:46

Tgt Ion	Resp	Lower	Upper
112	92098		
64	63.5	53.1	79.7
63	34.6	27.3	40.9

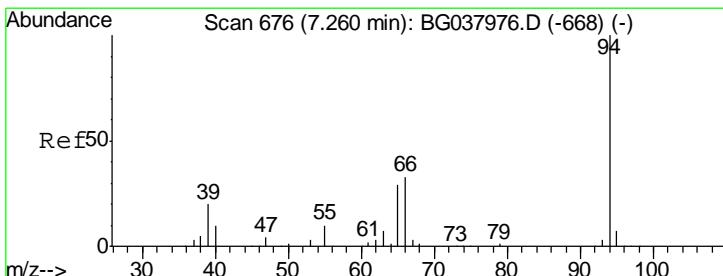
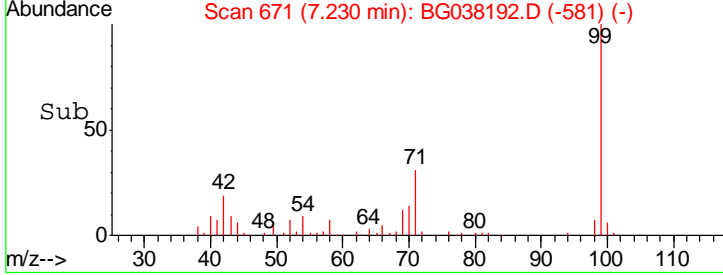
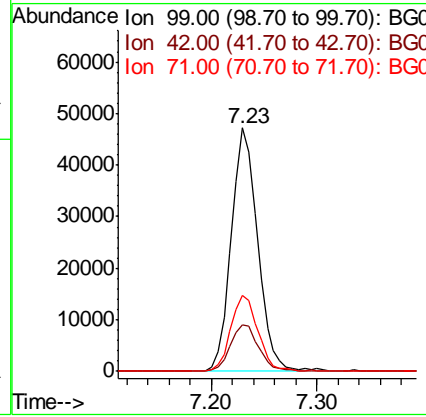
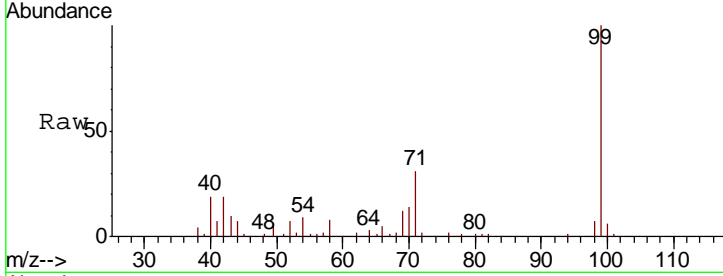




#7
 Phenol-d6
 Concen: 28.352 ng
 RT: 7.23 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: BG038192.D
 Acq: 28 Nov 2018 8:46

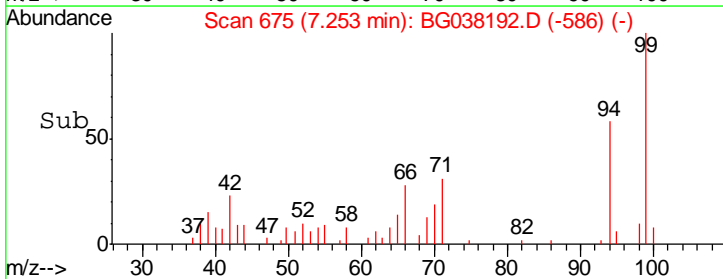
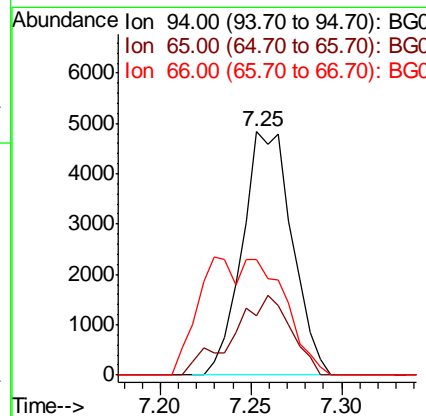
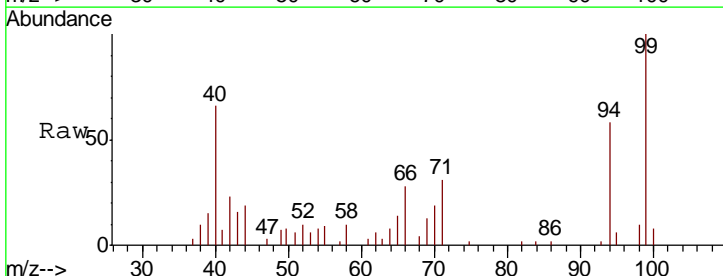
Instrument :
 BNA_G
 ClientSampled :

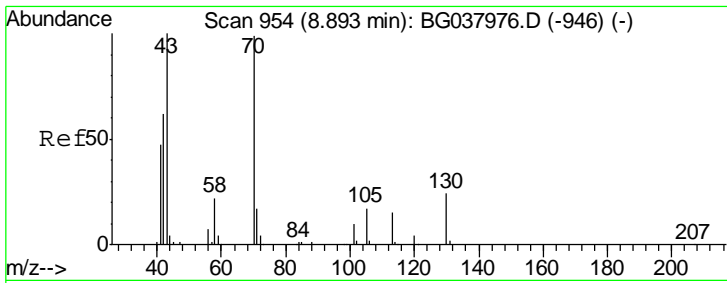
Tgt Ion	Resp	Lower	Upper
99	100		
42	19.2	15.0	22.4
71	31.4	25.5	38.3



#10
 Phenol
 Concen: 3.031 ng
 RT: 7.25 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BG038192.D
 Acq: 28 Nov 2018 8:46

Tgt Ion	Resp	Lower	Upper
94	100		
65	24.3	9.7	49.7
66	47.7	15.9	55.9

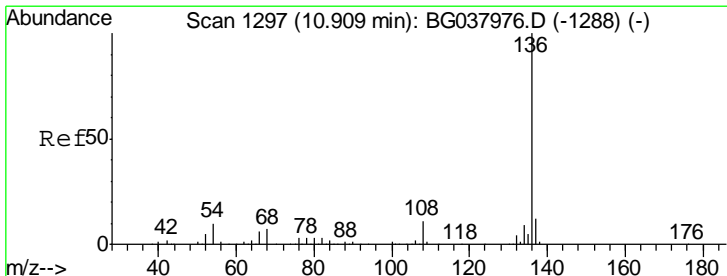
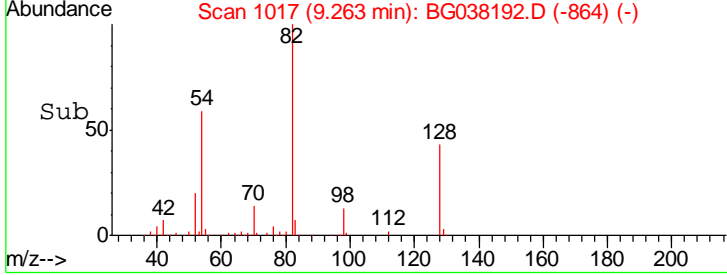
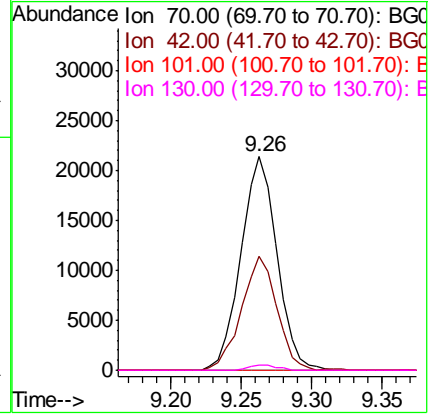
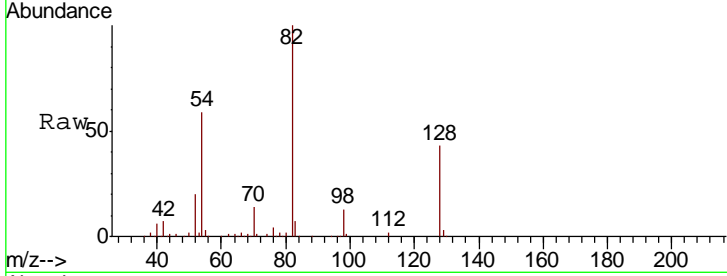




#19
 n-Nitroso-di-n-propylamine
 Concen: 18.362 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. 0.37 min
 Lab File: BG038192.D
 Acq: 28 Nov 2018 8:46

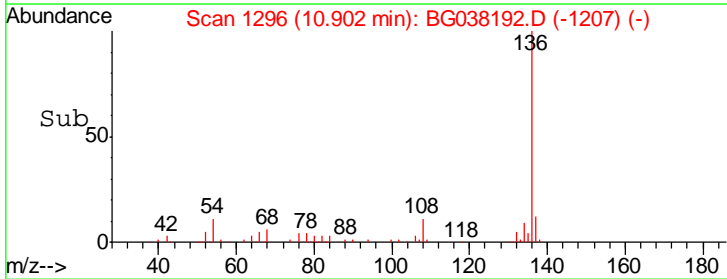
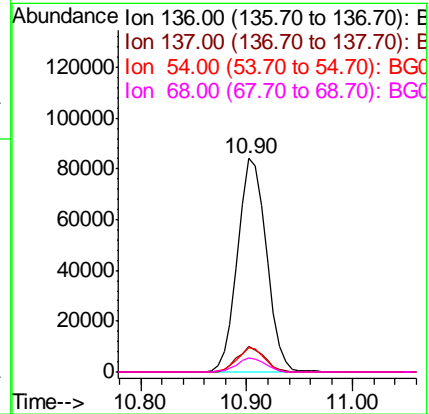
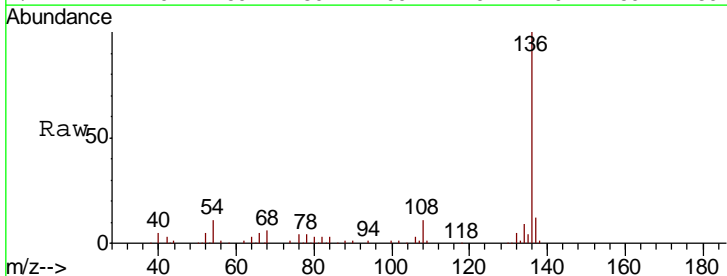
Instrument :
 BNA_G
 ClientSampled :

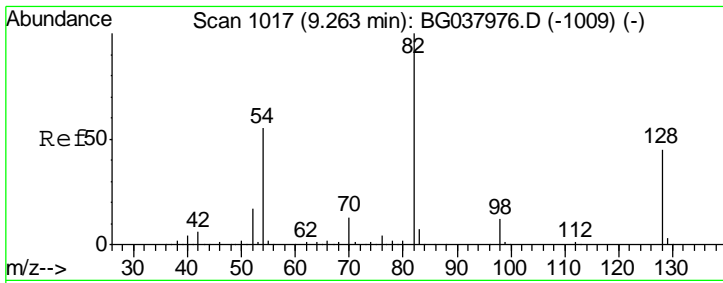
Tgt Ion	Resp	Lower	Upper
70	100		
42	53.6	53.9	80.9#
101	0.0	8.2	12.2#
130	2.6	18.2	27.4#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.90 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BG038192.D
 Acq: 28 Nov 2018 8:46

Tgt Ion	Resp	Lower	Upper
136	100		
137	11.9	9.6	14.4
54	11.3	7.9	11.9
68	6.5	4.8	7.2

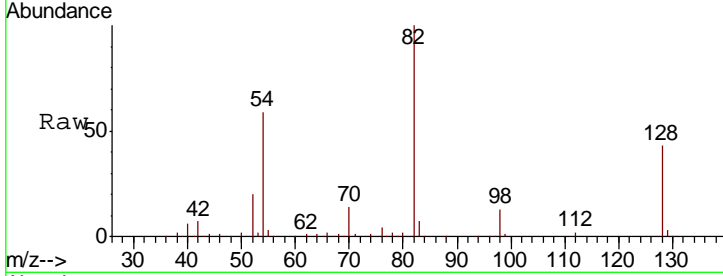




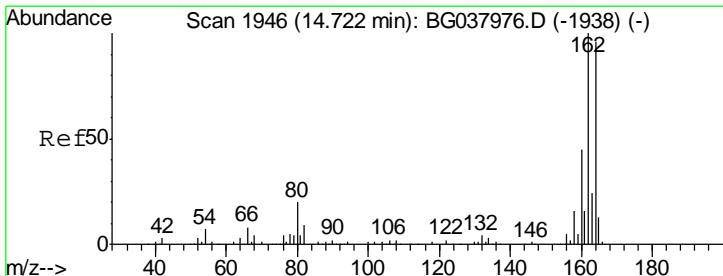
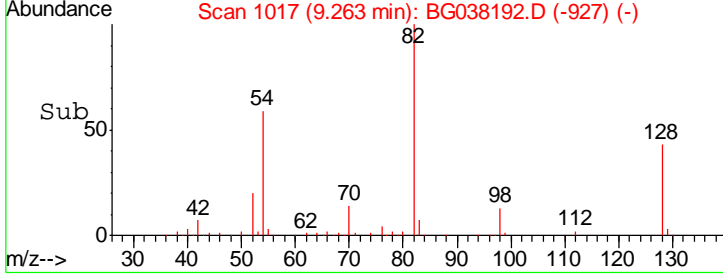
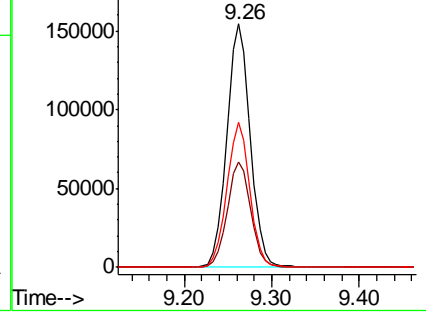
#23
 Nitrobenzene-d5
 Concen: 95.897 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BG038192.D
 Acq: 28 Nov 2018 8:46

Instrument :
 BNA_G
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
82	100		
128	43.2	34.6	51.8
54	59.4	45.3	67.9

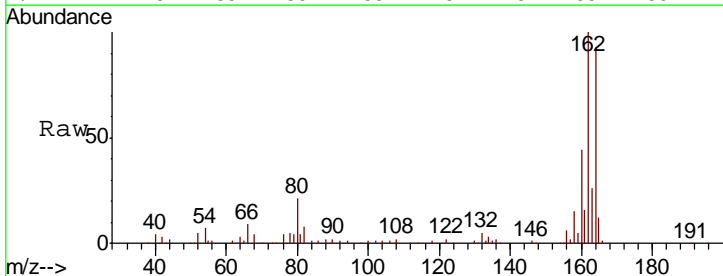


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

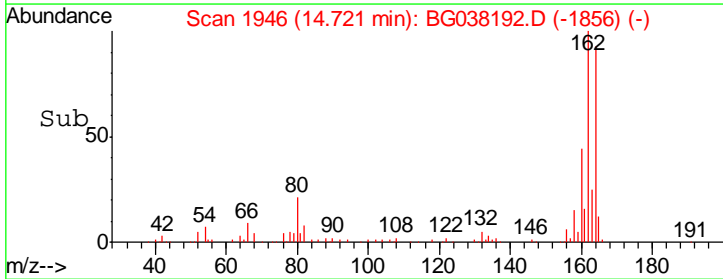
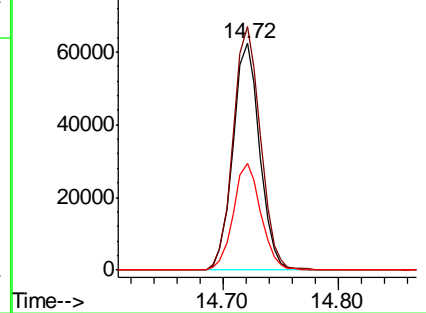


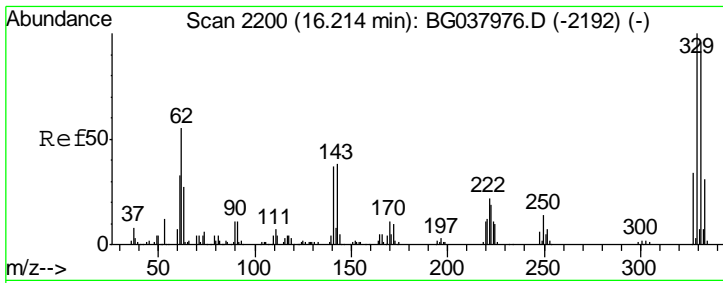
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: BG038192.D
 Acq: 28 Nov 2018 8:46

Tgt Ion	Resp	Lower	Upper
164	100		
162	107.6	81.3	121.9
160	47.3	36.3	54.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

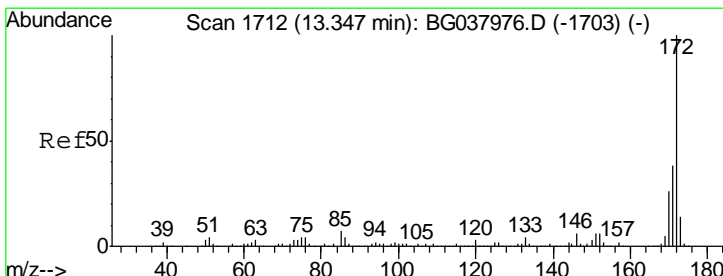
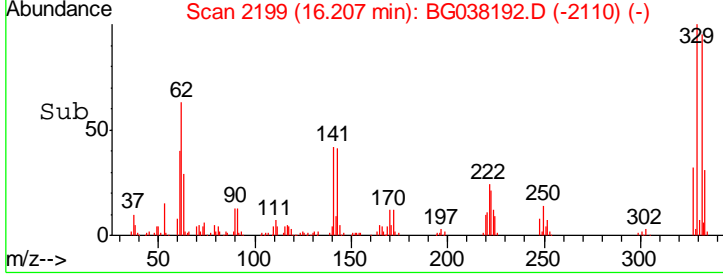
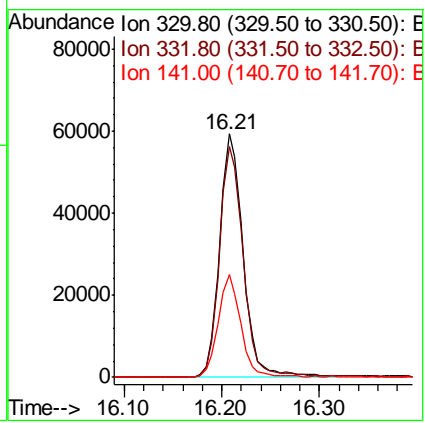
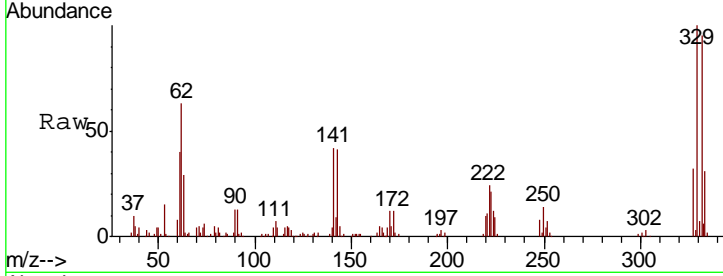




#42
 2,4,6-Tribromophenol
 Concen: 87.566 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038192.D
 Acq: 28 Nov 2018 8:46

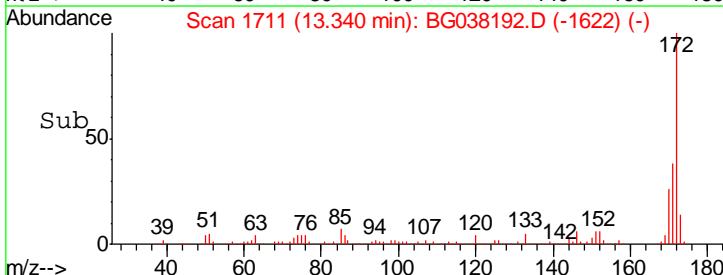
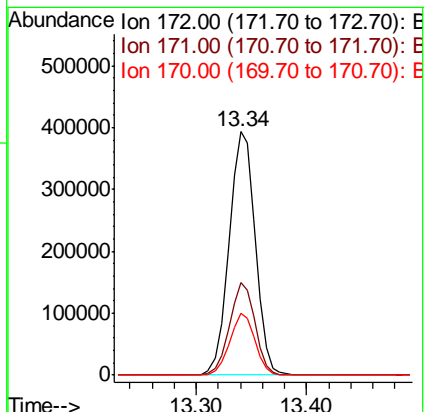
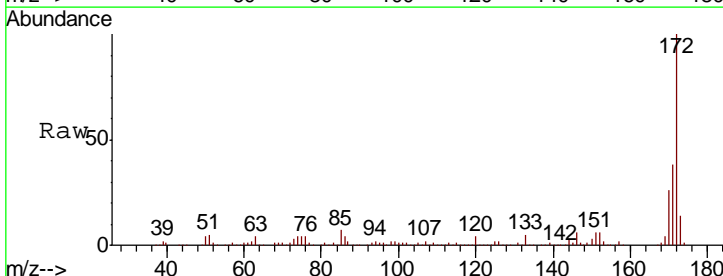
Instrument :
 BNA_G
 ClientSampled :

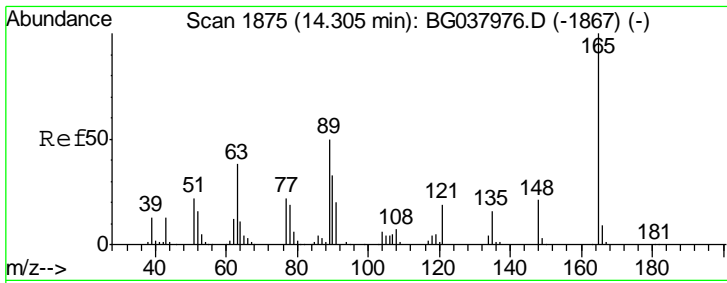
Tgt Ion	Resp	Lower	Upper
330	100		
332	95.4	78.4	117.6
141	40.6	32.2	48.2



#45
 2-Fluorobiphenyl
 Concen: 95.243 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038192.D
 Acq: 28 Nov 2018 8:46

Tgt Ion	Resp	Lower	Upper
172	100		
171	37.9	31.0	46.4
170	25.5	20.2	30.2

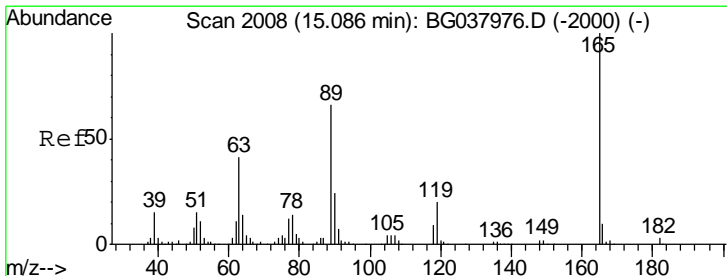
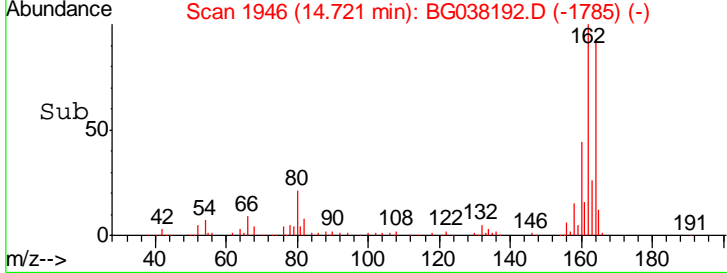
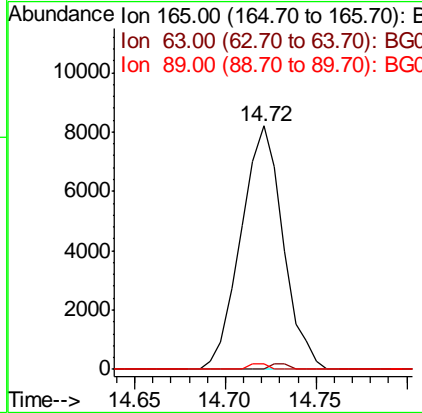
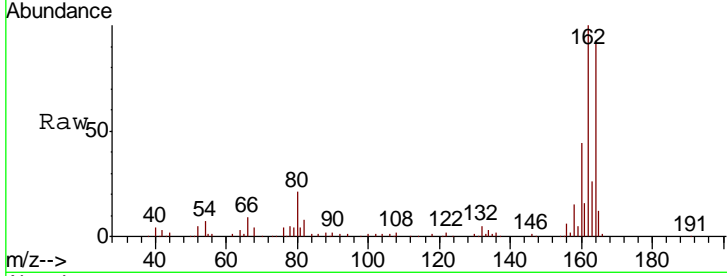




#51
 2,6-Dinitrotoluene
 Concen: 7.398 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG038192.D
 Acq: 28 Nov 2018 8:46

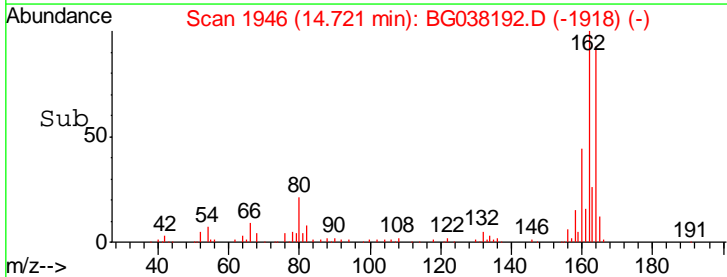
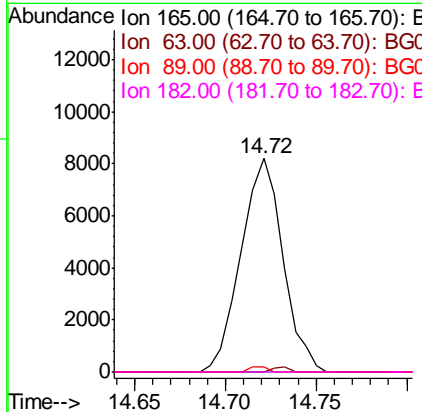
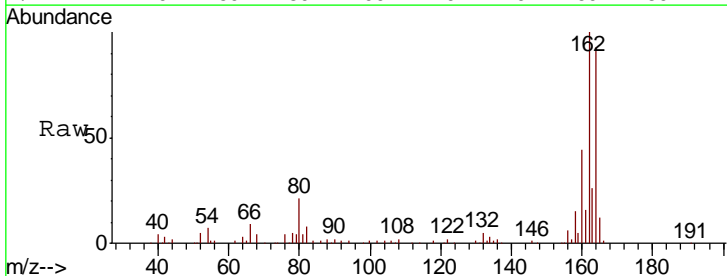
Instrument :
 BNA_G
 ClientSampled :

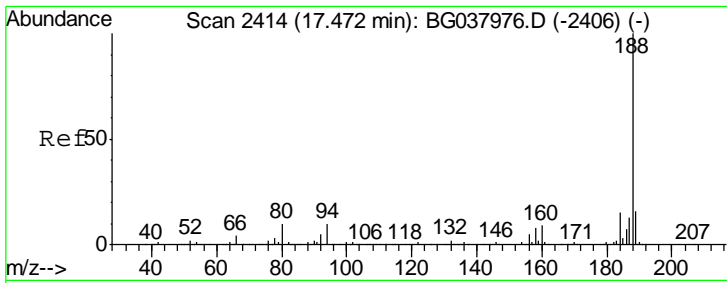
Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	2.1	45.8	68.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.438 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.37 min
 Lab File: BG038192.D
 Acq: 28 Nov 2018 8:46

Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	2.1	57.2	85.8#
182	0.0	2.6	4.0#

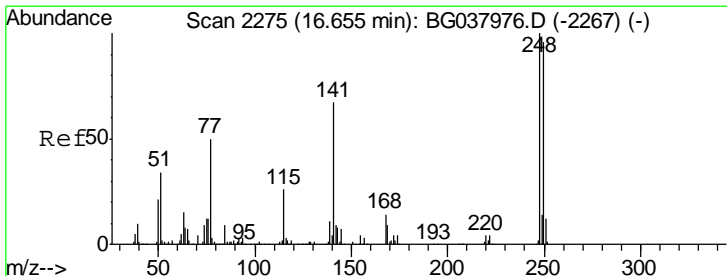
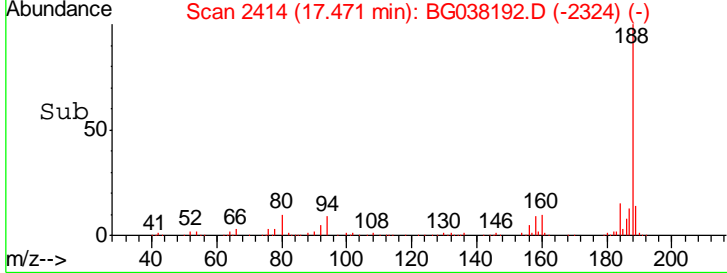
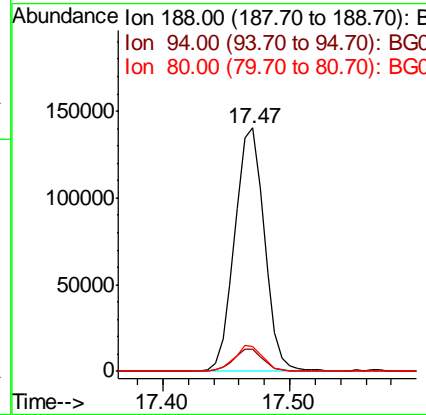
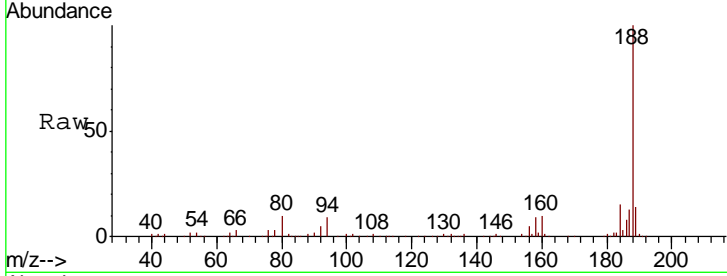




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.00 min
 Lab File: BG038192.D
 Acq: 28 Nov 2018 8:46

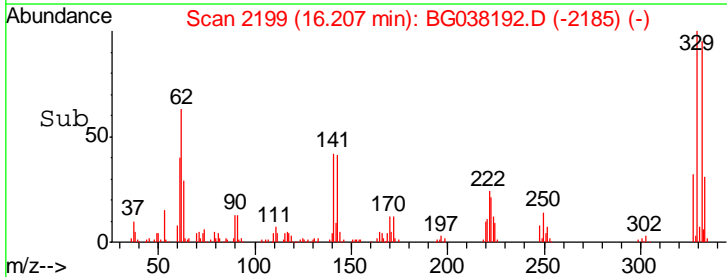
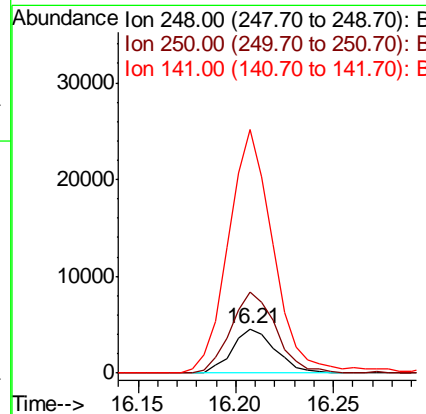
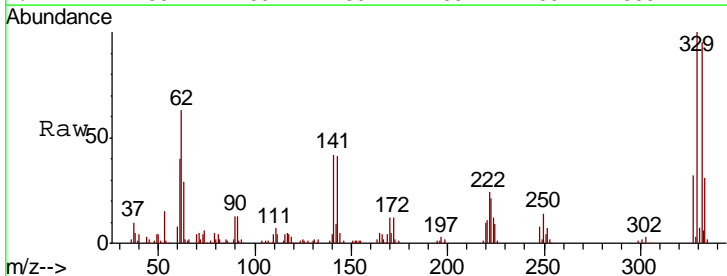
Instrument :
 BNA_G
 ClientSampled :

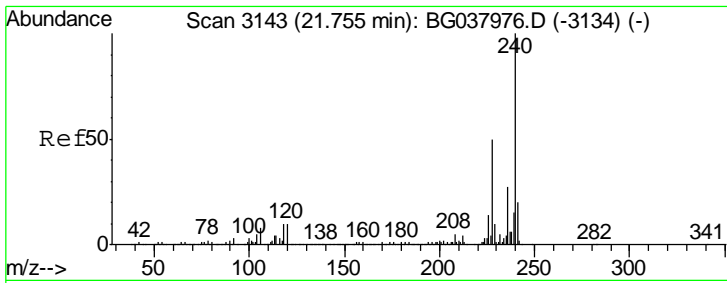
Tgt Ion	Resp	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	9.9	7.7	11.5



#67
 4-Bromophenyl-phenylether
 Concen: 2.806 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.45 min
 Lab File: BG038192.D
 Acq: 28 Nov 2018 8:46

Tgt Ion	Resp	Lower	Upper
248	100		
250	192.3	77.0	115.6#
141	438.9	55.5	83.3#

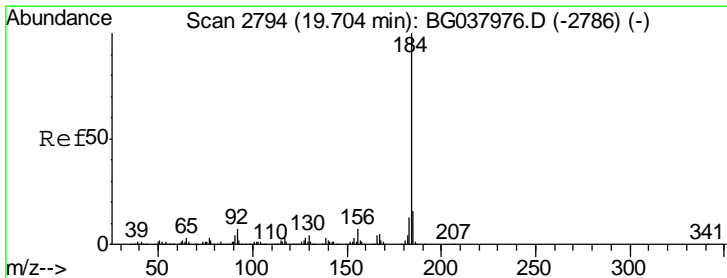
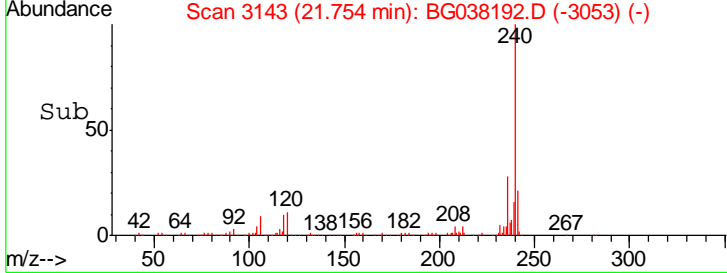
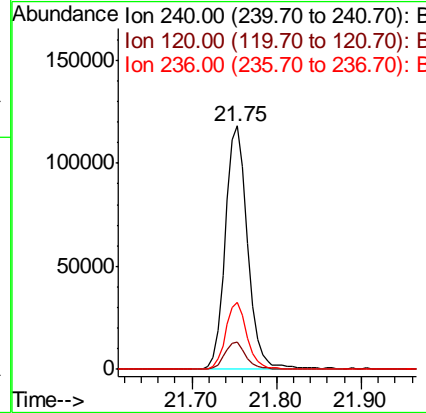
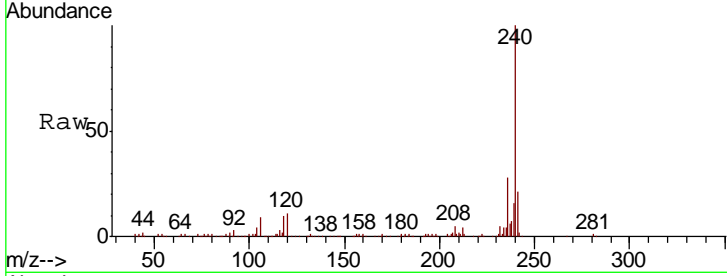




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: BG038192.D
 Acq: 28 Nov 2018 8:46

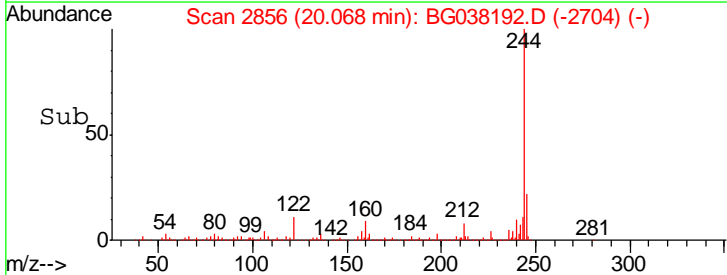
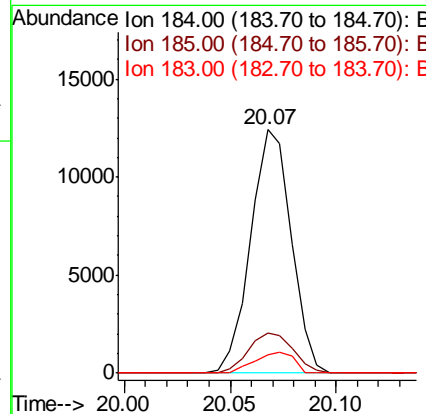
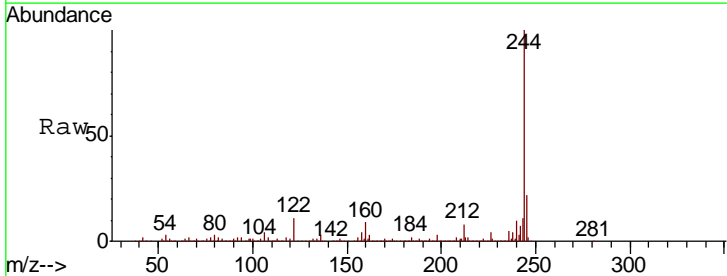
Instrument :
 BNA_G
 ClientSampled :

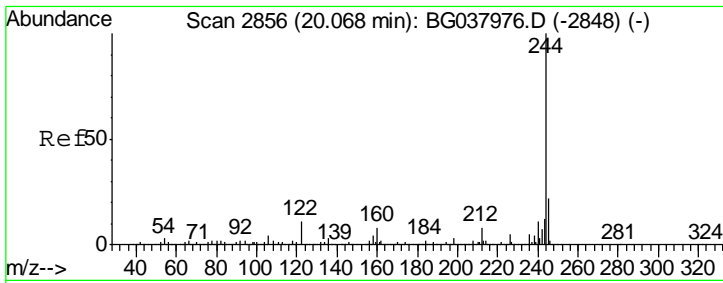
Tgt Ion	Resp	Lower	Upper
240	217018		
120	11.4	8.1	12.1
236	27.8	21.4	32.0



#77
 Benzidine
 Concen: 2.180 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. 0.36 min
 Lab File: BG038192.D
 Acq: 28 Nov 2018 8:46

Tgt Ion	Resp	Lower	Upper
184	16599		
185	16.4	12.6	18.8
183	7.3	10.2	15.2#

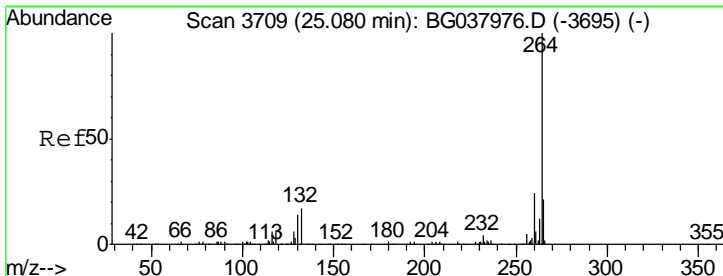
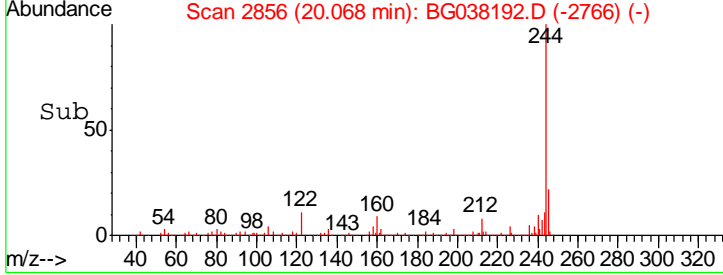
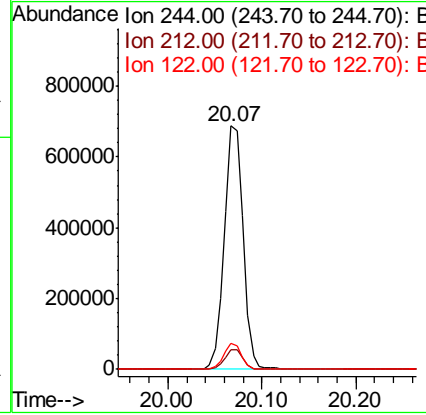
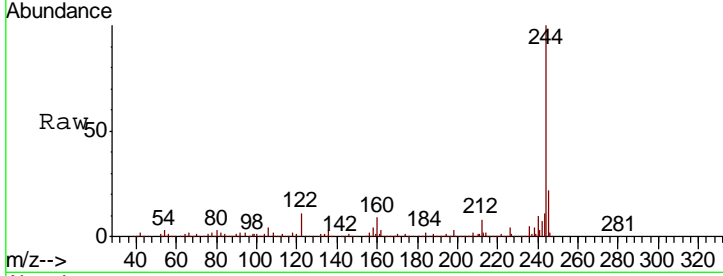




#79
 Terphenyl-d14
 Concen: 104.766 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. -0.00 min
 Lab File: BG038192.D
 Acq: 28 Nov 2018 8:46

Instrument :
 BNA_G
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	10.6	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.08 min Scan# 3709
 Delta R.T. -0.00 min
 Lab File: BG038192.D
 Acq: 28 Nov 2018 8:46

Tgt Ion	Resp	Lower	Upper
264	100		
260	22.4	18.2	27.4
265	22.8	17.9	26.9

