

Data Path : Z:\HPCHEM1\BNA G\DATA\BG033018\  
 Data File : BG033459.D  
 Acq On : 30 Mar 2018 22:02  
 Operator : SJ/JU  
 Sample : J1752-08  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Mar 31 01:24:41 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 28 18:34:58 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	31684	20.00	ng	-0.01
21) Naphthalene-d8	11.74	136	133757	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	112359	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	336731	20.00	ng	0.00
75) Chrysene-d12	22.56	240	352179	20.00	ng	0.00
86) Perylene-d12	26.32	264	369021	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.30	112	283423	167.74	ng	0.00
7) Phenol-d6	7.98	99	402082	138.49	ng	0.00
23) Nitrobenzene-d5	10.06	82	319375	109.70	ng	-0.01
41) 2,4,6-Tribromophenol	16.95	330	293580	174.70	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	795812	102.25	ng	0.00
78) Terphenyl-d14	20.73	244	1704088	103.48	ng	0.00

Target Compounds

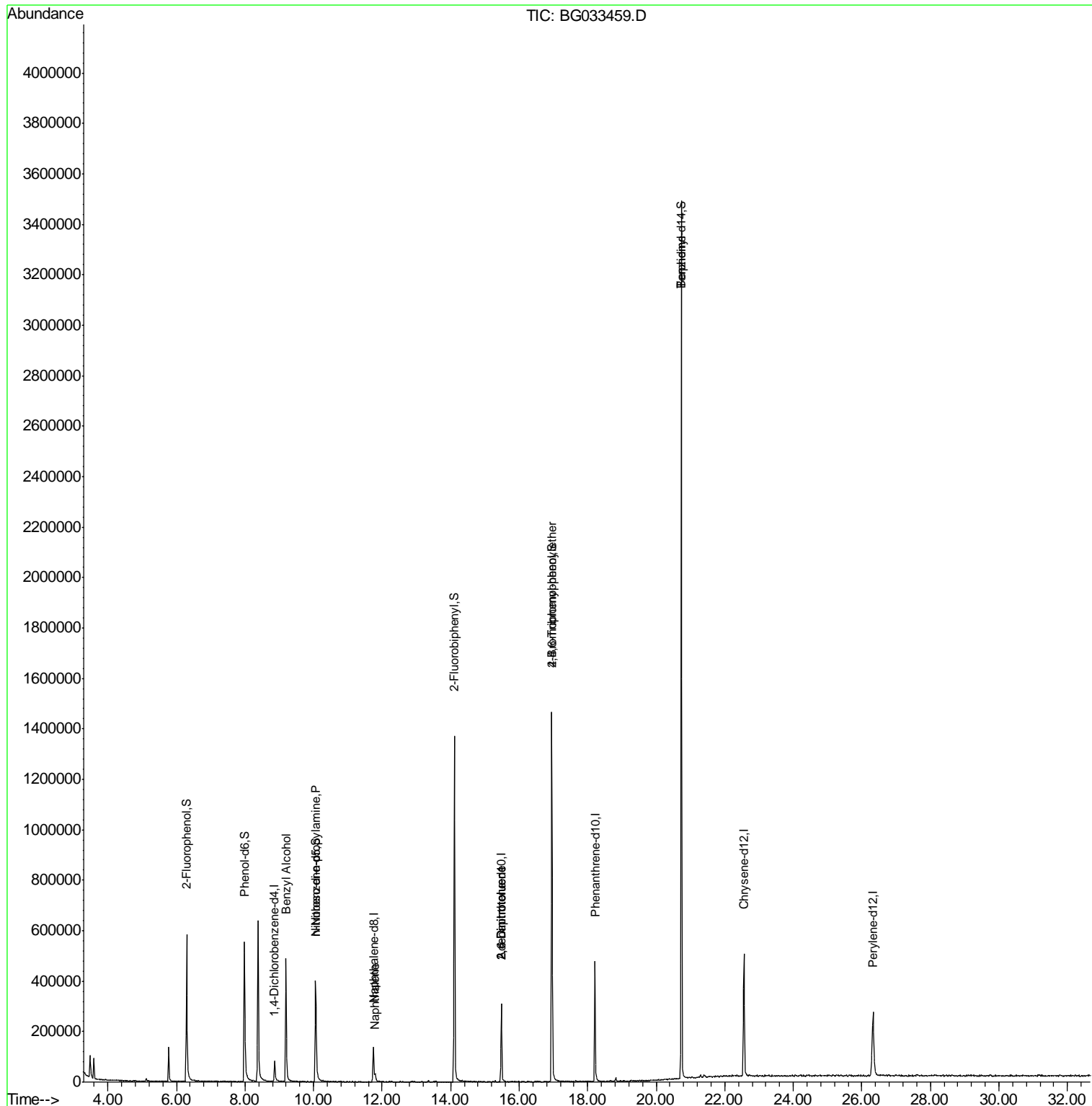
						Qvalue
15) Benzyl Alcohol	9.19	79	5502	2.407	ng	# 42
19) n-Nitroso-di-n-propylamine	10.06	70	43068	20.244	ng	# 81
31) Naphthalene	11.80	128	23929	3.452	ng	# 92
50) 2,6-Dinitrotoluene	15.48	165	14139	7.072	ng	# 20
56) 2,4-Dinitrotoluene	15.48	165	14140	4.803	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	21626	5.469	ng	# 1
76) Benzidine	20.73	184	28847	3.020	ng	# 89

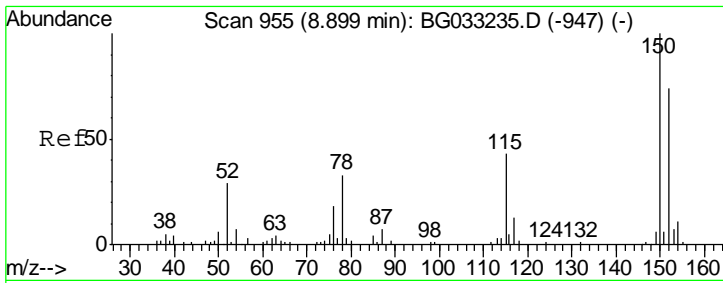
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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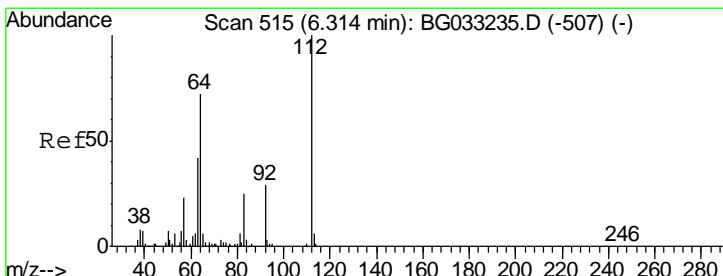
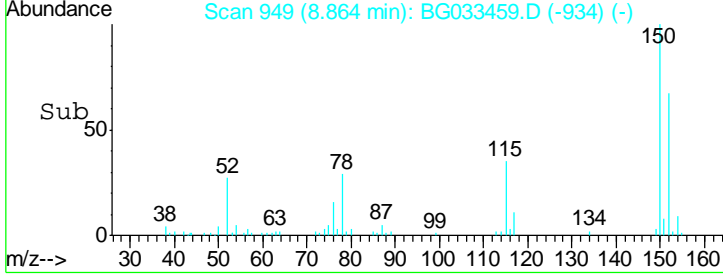
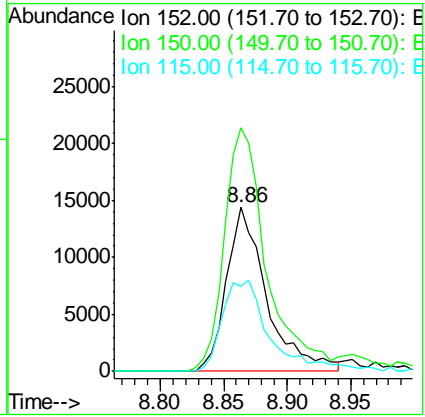
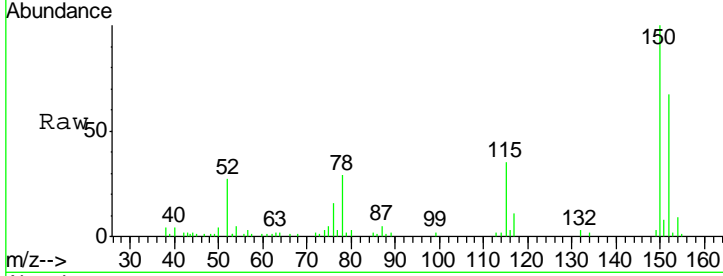


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.86 min Scan# 949  
 Delta R.T. -0.01 min  
 Lab File: BG033459.D  
 Acq: 30 Mar 2018 22:02

Instrument :  
 BNA\_G  
 ClientSampled :

Tgt Ion:152 Resp: 31684

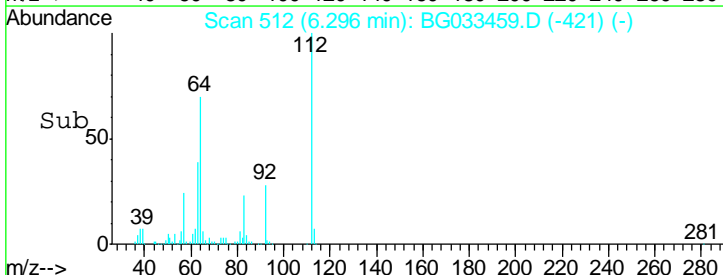
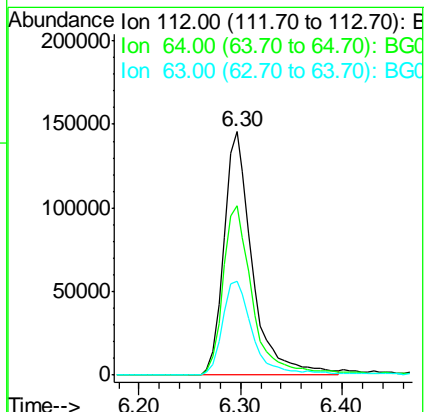
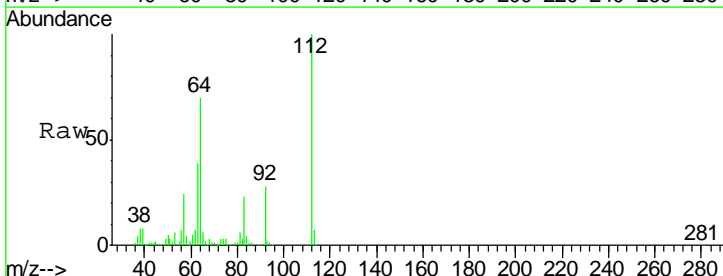
Ion	Ratio	Lower	Upper
152	100		
150	148.3	126.6	189.8
115	51.7	53.0	79.4#

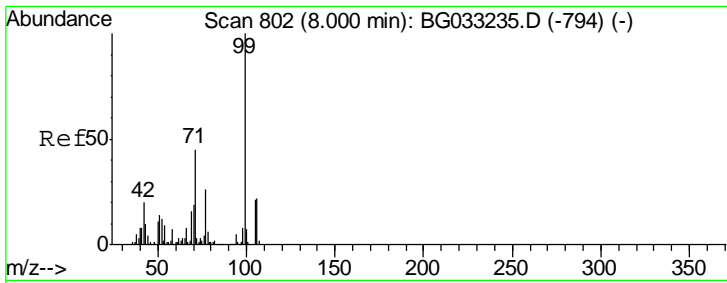


#5  
 2-Fluorophenol  
 Concen: 167.735 ng  
 RT: 6.30 min Scan# 512  
 Delta R.T. 0.00 min  
 Lab File: BG033459.D  
 Acq: 30 Mar 2018 22:02

Tgt Ion:112 Resp: 283423

Ion	Ratio	Lower	Upper
112	100		
64	69.6	56.3	84.5
63	38.6	30.1	45.1

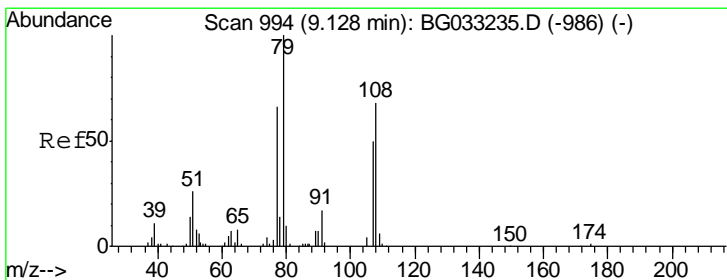
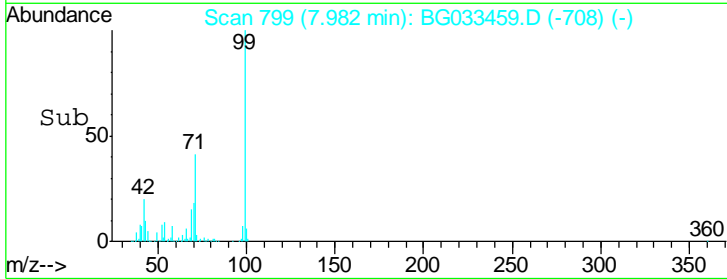
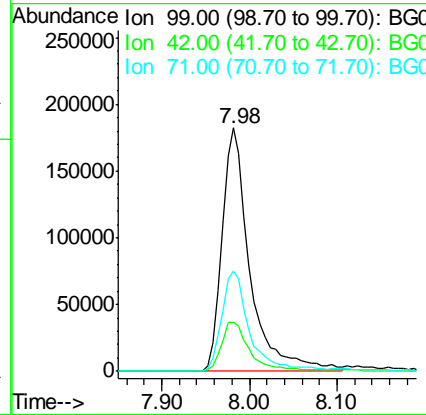
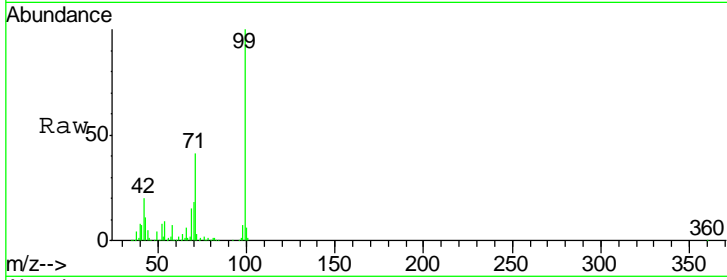




#7  
 Phenol-d6  
 Concen: 138.493 ng  
 RT: 7.98 min Scan# 799  
 Delta R.T. 0.00 min  
 Lab File: BG033459.D  
 Acq: 30 Mar 2018 22:02

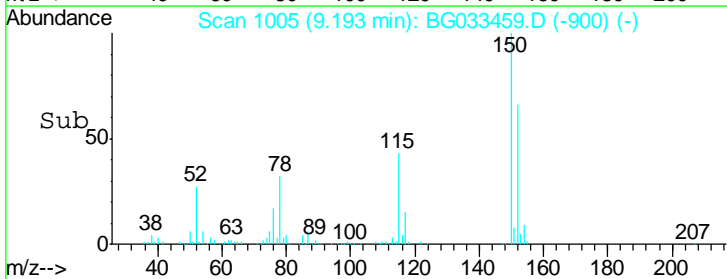
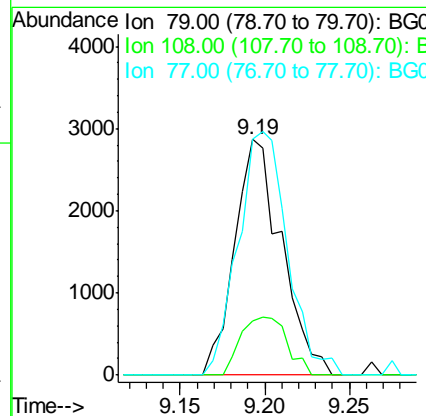
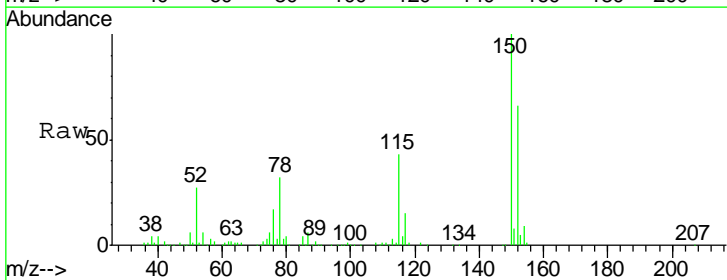
Instrument :  
 BNA\_G  
 ClientSampled :

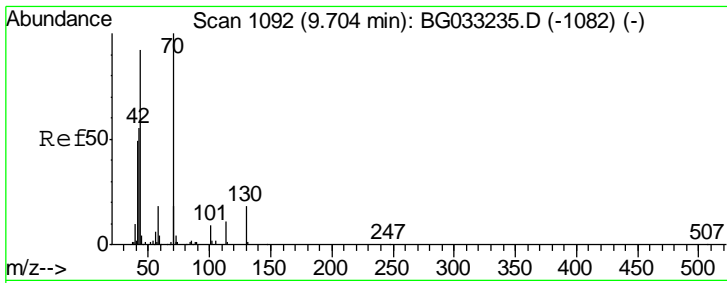
Tgt Ion	Resp	Lower	Upper
99	402082		
42	20.1	14.1	21.1
71	41.1	26.1	39.1



#15  
 Benzyl Alcohol  
 Concen: 2.407 ng  
 RT: 9.19 min Scan# 1005  
 Delta R.T. 0.09 min  
 Lab File: BG033459.D  
 Acq: 30 Mar 2018 22:02

Tgt Ion	Resp	Lower	Upper
79	5502		
108	23.0	57.2	85.8
77	100.3	46.1	69.1

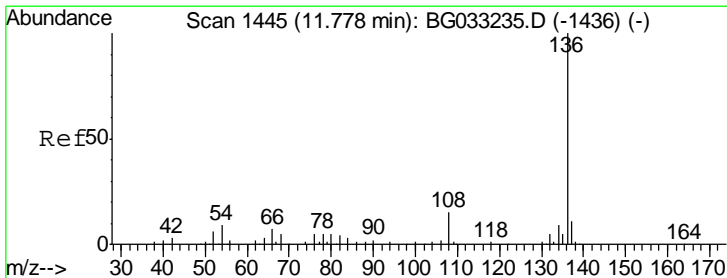
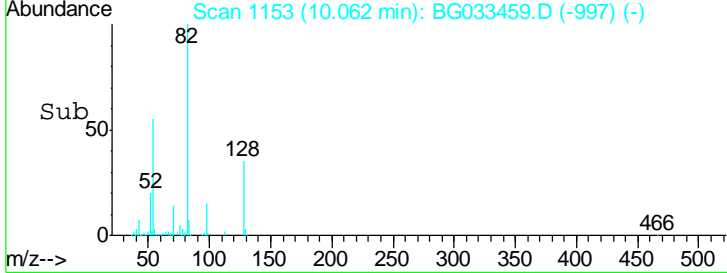
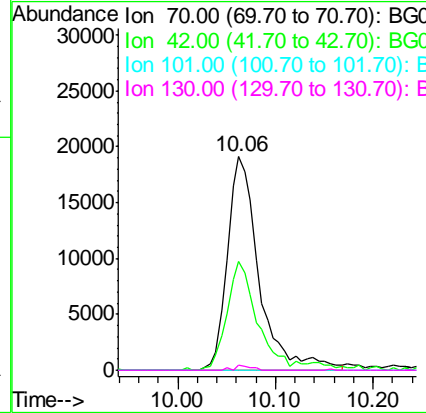
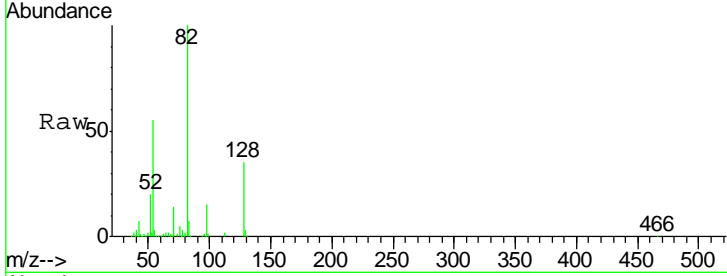




#19  
 n-Nitroso-di-n-propylamine  
 Concen: 20.244 ng  
 RT: 10.06 min Scan# 1153  
 Delta R.T. 0.38 min  
 Lab File: BG033459.D  
 Acq: 30 Mar 2018 22:02

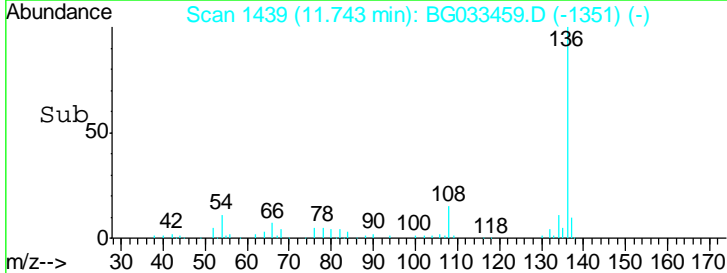
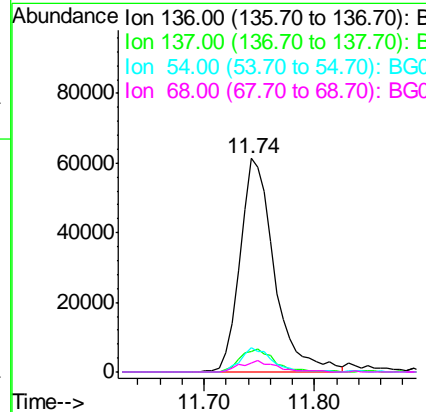
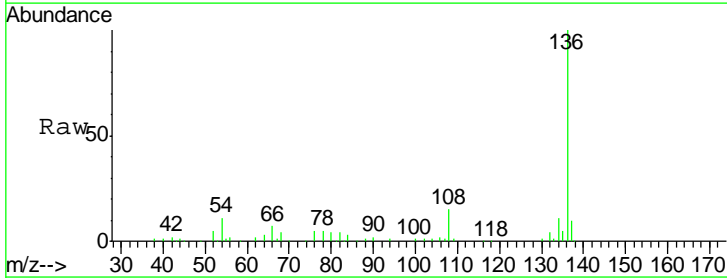
Instrument :  
 BNA\_G  
 ClientSampled :

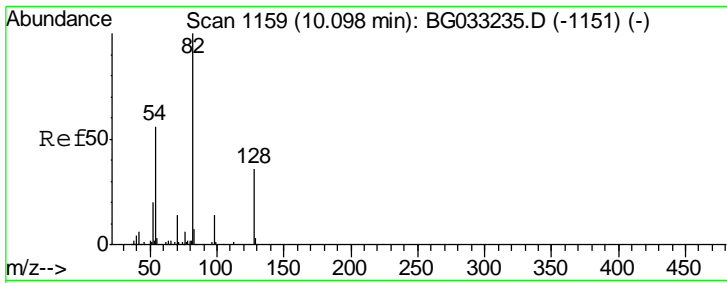
Tgt Ion	Resp	Lower	Upper
70	43068		
42	50.8	49.1	73.7
101	0.0	8.5	12.7#
130	2.6	13.4	20.0#



#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 11.74 min Scan# 1439  
 Delta R.T. -0.01 min  
 Lab File: BG033459.D  
 Acq: 30 Mar 2018 22:02

Tgt Ion	Resp	Lower	Upper
136	133757		
137	9.8	9.2	13.8
54	11.3	10.3	15.5
68	4.3	4.5	6.7#

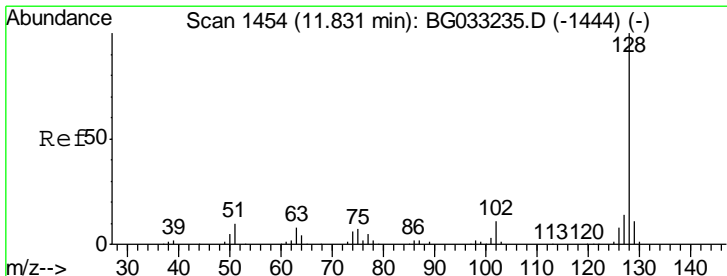
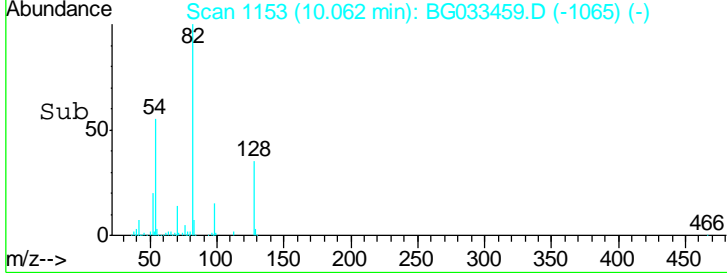
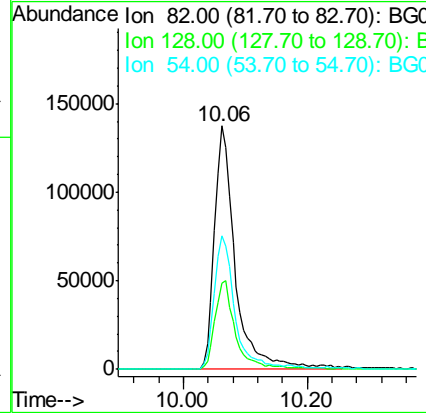
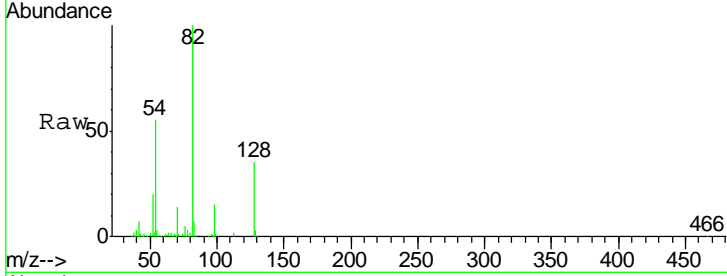




#23  
 Nitrobenzene-d5  
 Concen: 109.702 ng  
 RT: 10.06 min Scan# 1153  
 Delta R.T. -0.01 min  
 Lab File: BG033459.D  
 Acq: 30 Mar 2018 22:02

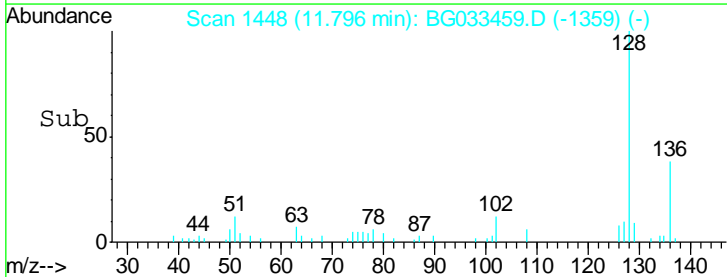
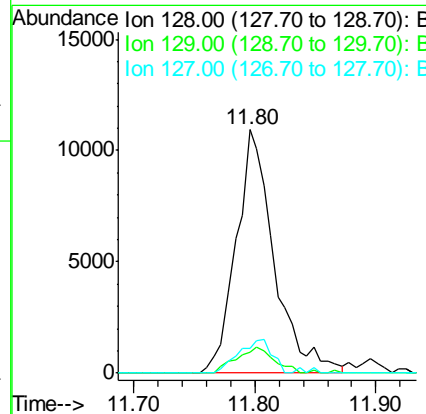
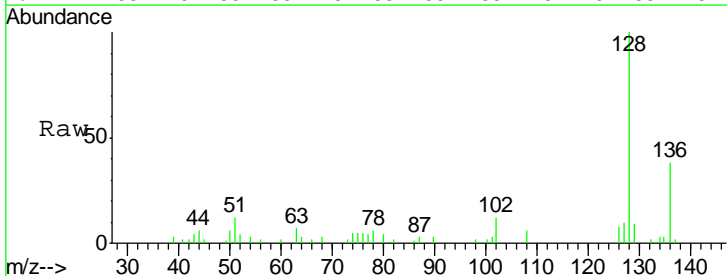
Instrument :  
 BNA\_G  
 ClientSampled :

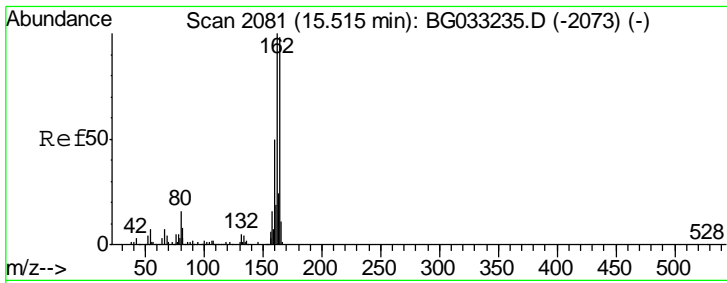
Tgt Ion	Resp	Lower	Upper
82	319375		
128	35.3	29.7	44.5
54	54.9	43.1	64.7



#31  
 Naphthalene  
 Concen: 3.452 ng  
 RT: 11.80 min Scan# 1448  
 Delta R.T. -0.01 min  
 Lab File: BG033459.D  
 Acq: 30 Mar 2018 22:02

Tgt Ion	Resp	Lower	Upper
128	23929		
129	8.6	8.6	12.8
127	10.1	11.6	17.4#

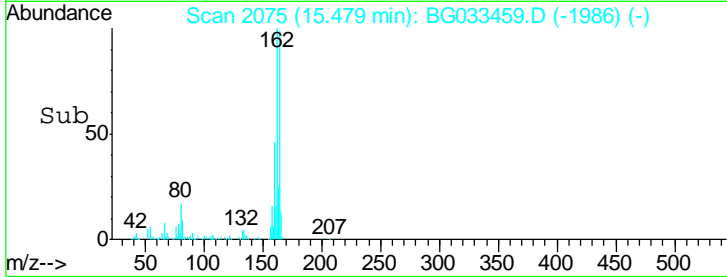
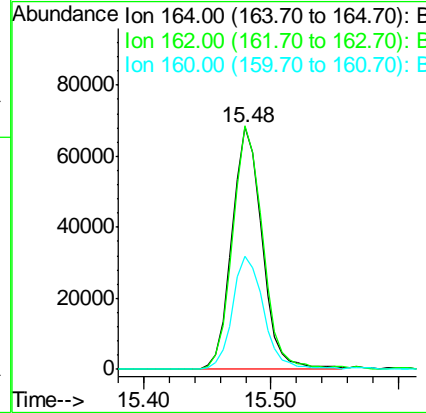
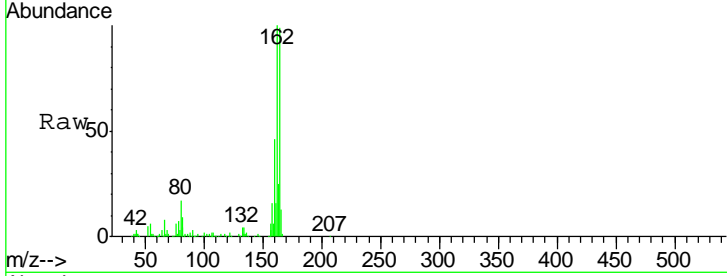




#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 15.48 min Scan# 2075  
 Delta R.T. -0.01 min  
 Lab File: BG033459.D  
 Acq: 30 Mar 2018 22:02

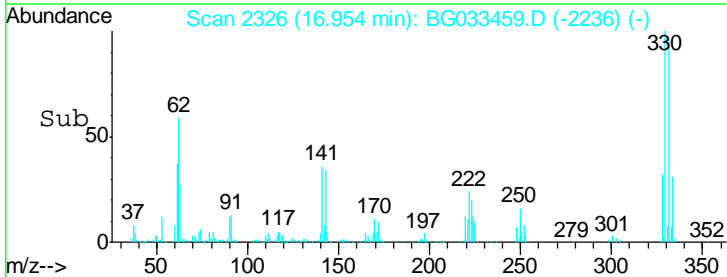
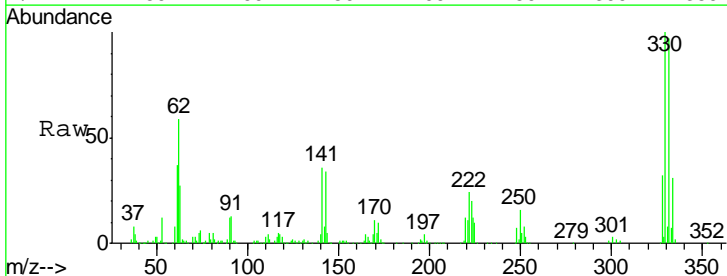
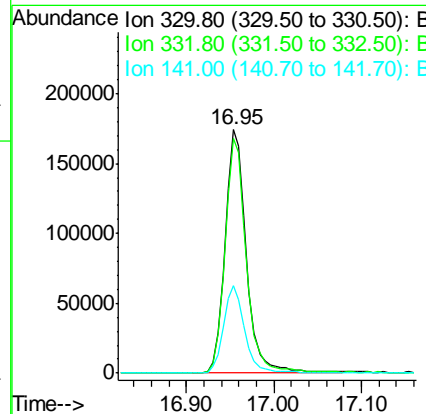
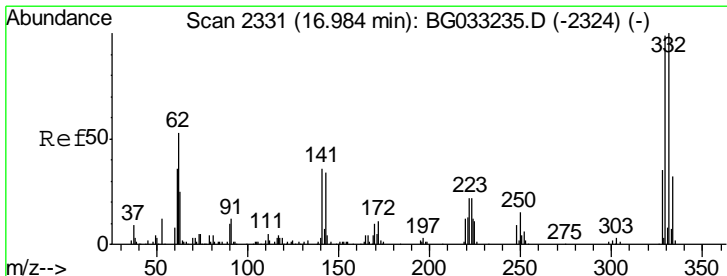
Instrument :  
 BNA\_G  
 ClientSampled :

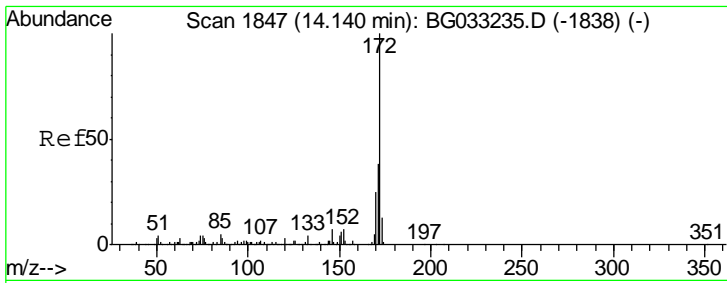
Tgt Ion	Resp	Lower	Upper
164	112359		
162	100.6	78.8	118.2
160	46.8	35.4	53.0



#41  
 2,4,6-Tribromophenol  
 Concen: 174.702 ng  
 RT: 16.95 min Scan# 2326  
 Delta R.T. -0.00 min  
 Lab File: BG033459.D  
 Acq: 30 Mar 2018 22:02

Tgt Ion	Resp	Lower	Upper
330	293580		
332	95.9	77.0	115.6
141	35.5	25.2	37.8

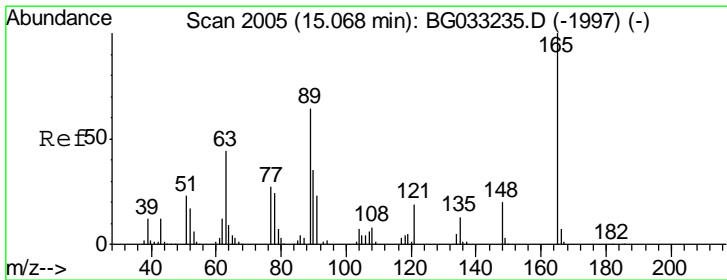
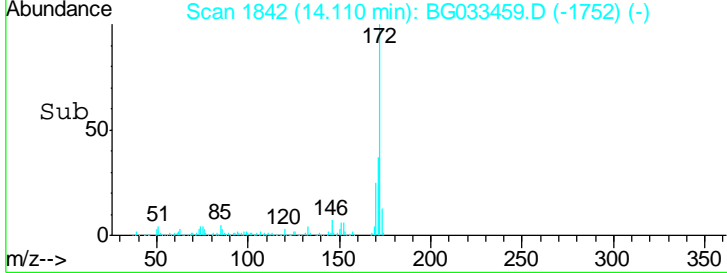
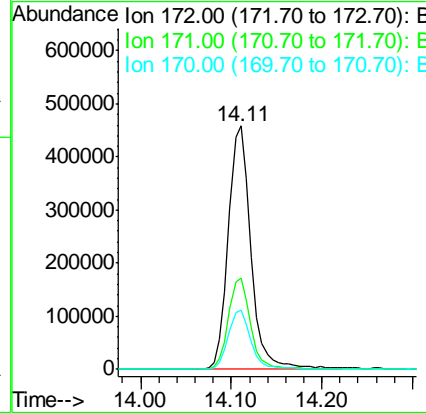
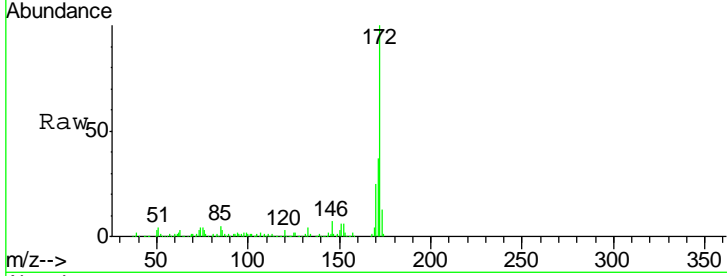




#44  
 2-Fluorobiphenyl  
 Concen: 102.249 ng  
 RT: 14.11 min Scan# 1842  
 Delta R.T. -0.00 min  
 Lab File: BG033459.D  
 Acq: 30 Mar 2018 22:02

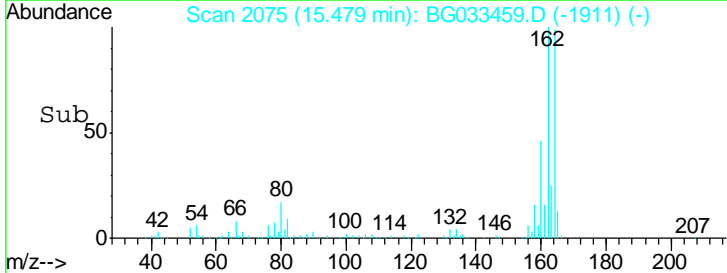
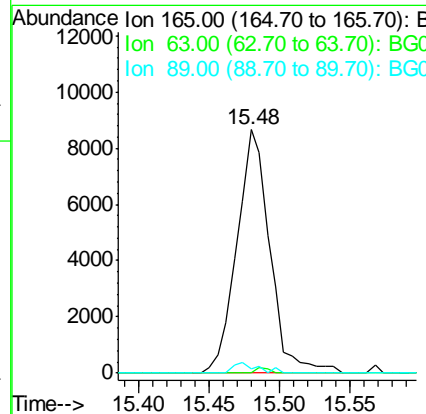
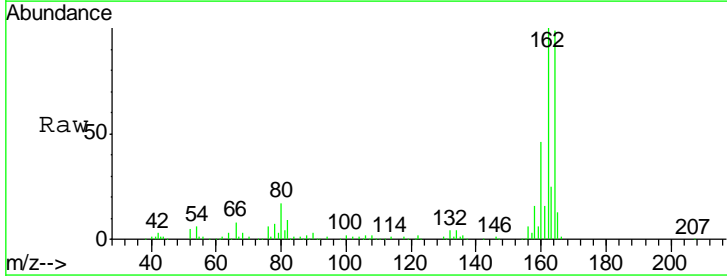
Instrument :  
 BNA\_G  
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.6	19.5	29.3

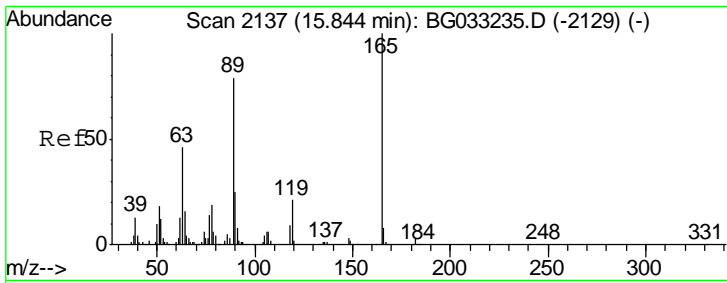


#50  
 2,6-Dinitrotoluene  
 Concen: 7.072 ng  
 RT: 15.48 min Scan# 2075  
 Delta R.T. 0.43 min  
 Lab File: BG033459.D  
 Acq: 30 Mar 2018 22:02

Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.0	49.2	73.8#



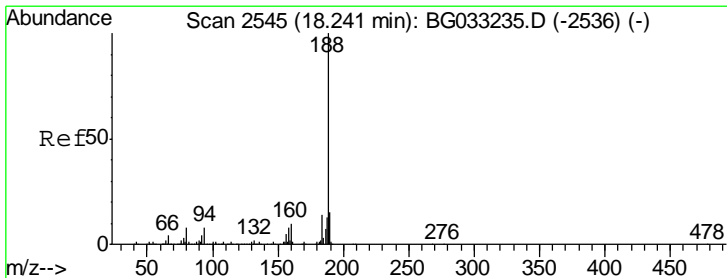
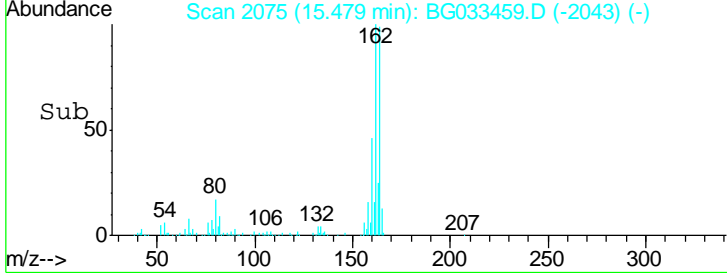
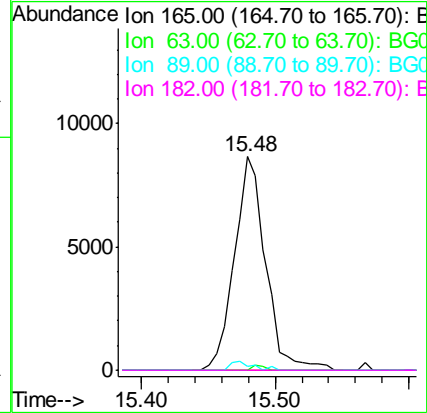
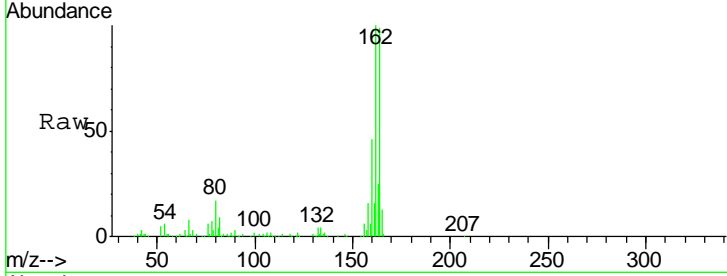




#56  
 2,4-Dinitrotoluene  
 Concen: 4.803 ng  
 RT: 15.48 min Scan# 2075  
 Delta R.T. -0.34 min  
 Lab File: BG033459.D  
 Acq: 30 Mar 2018 22:02

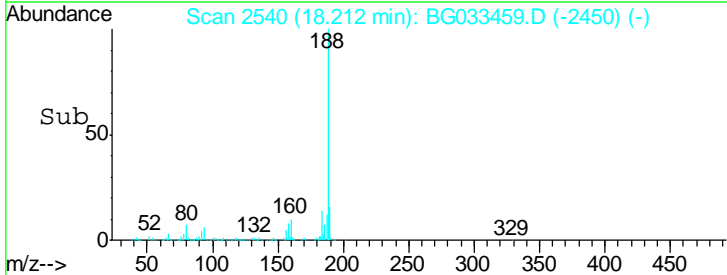
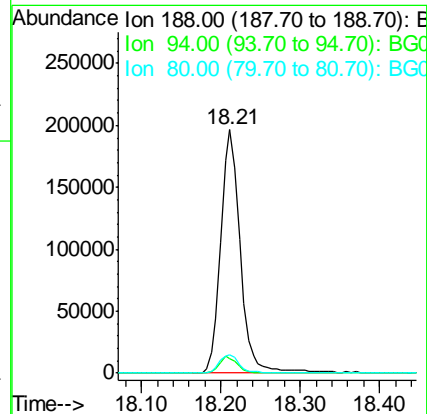
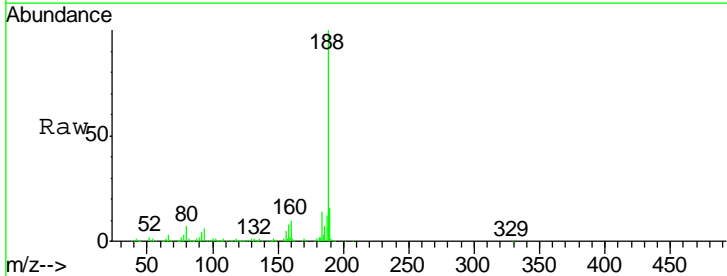
Instrument :  
 BNA\_G  
 ClientSampled :

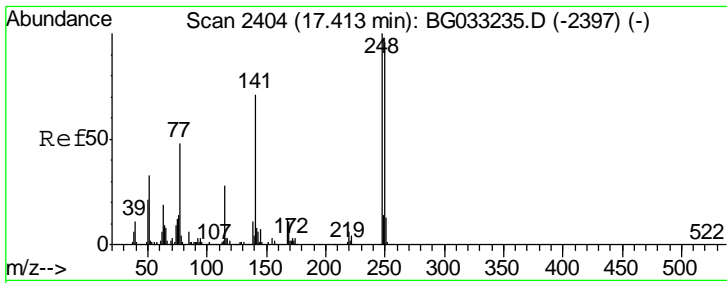
Tgt Ion	Resp	Lower	Upper
165	14140		
63	0.0	42.0	63.0#
89	2.0	66.9	100.3#
182	0.0	2.6	3.8#



#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 18.21 min Scan# 2540  
 Delta R.T. -0.00 min  
 Lab File: BG033459.D  
 Acq: 30 Mar 2018 22:02

Tgt Ion	Resp	Lower	Upper
188	336731		
94	5.9	6.9	10.3#
80	7.4	7.7	11.5#

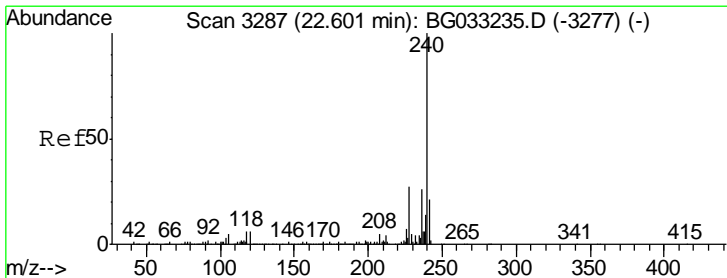
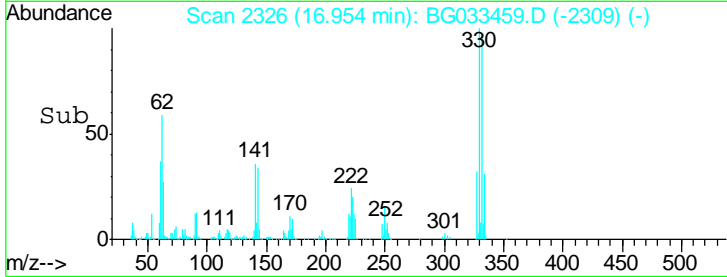
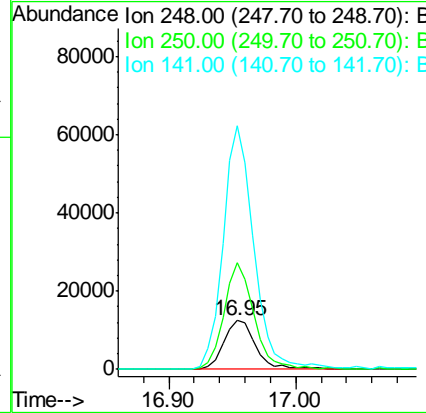
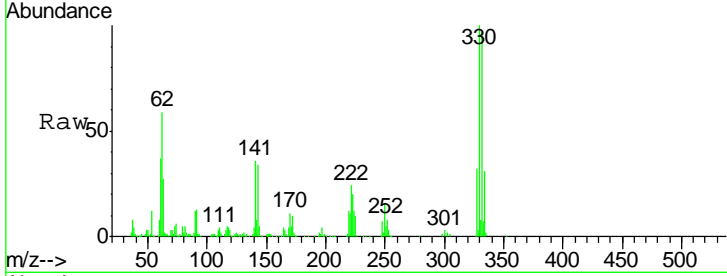




#66  
 4-Bromophenyl-phenylether  
 Concen: 5.469 ng  
 RT: 16.95 min Scan# 2326  
 Delta R.T. -0.43 min  
 Lab File: BG033459.D  
 Acq: 30 Mar 2018 22:02

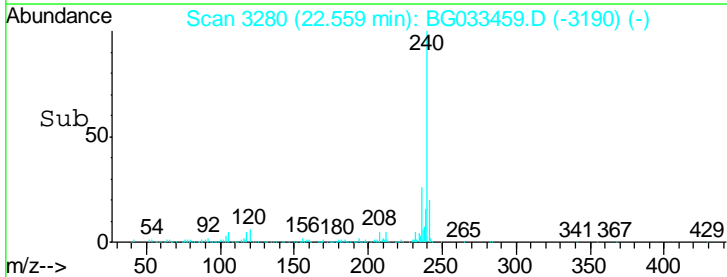
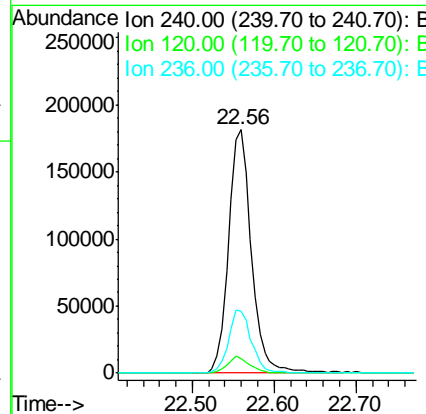
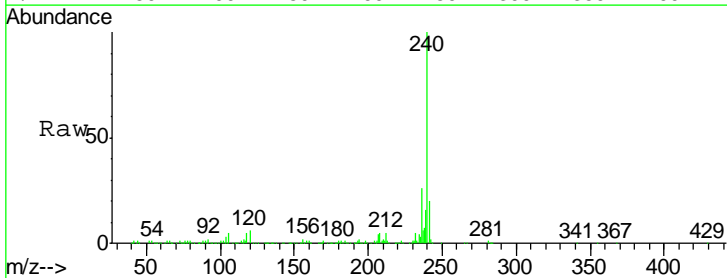
Instrument :  
 BNA\_G  
 ClientSampled :

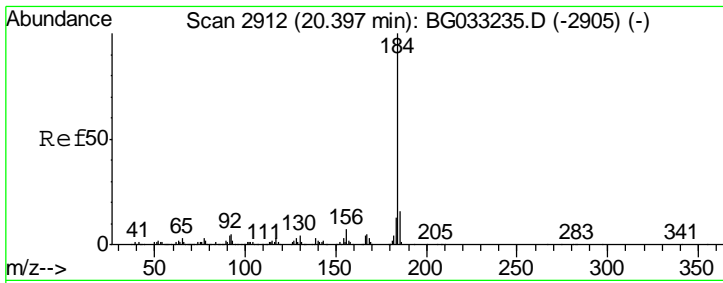
Tgt Ion	Resp	Lower	Upper
248	100		
250	219.4	77.1	115.7#
141	501.9	50.8	76.2#



#75  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 22.56 min Scan# 3280  
 Delta R.T. -0.00 min  
 Lab File: BG033459.D  
 Acq: 30 Mar 2018 22:02

Tgt Ion	Resp	Lower	Upper
240	100		
120	5.8	6.8	10.2#
236	25.5	20.9	31.3

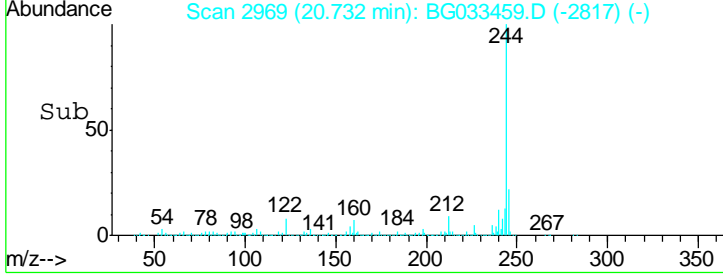
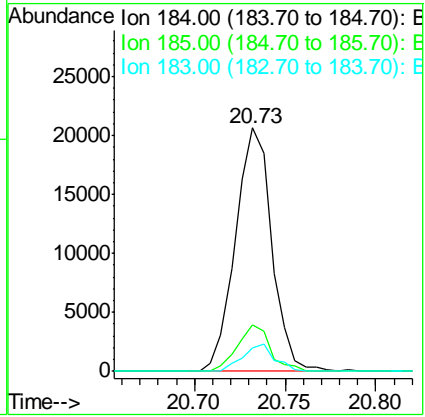
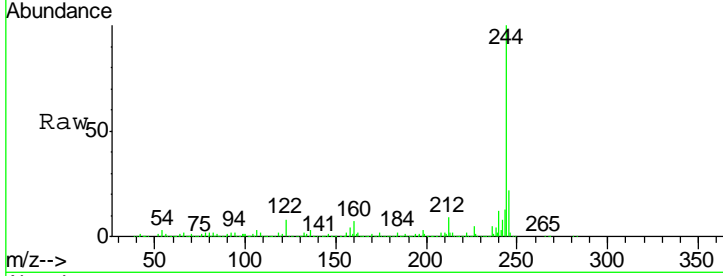




#76  
Benzidine  
Concen: 3.020 ng  
RT: 20.73 min Scan# 2969  
Delta R.T. 0.36 min  
Lab File: BG033459.D  
Acq: 30 Mar 2018 22:02

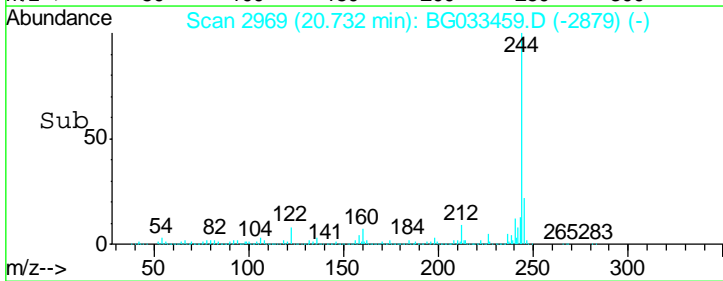
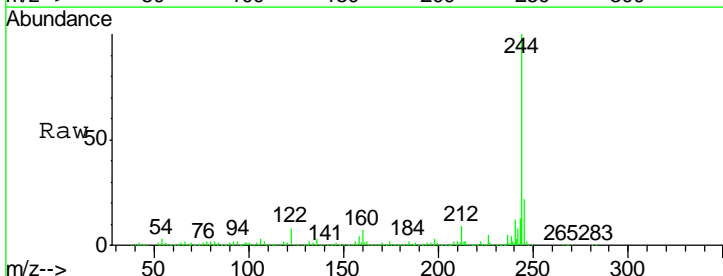
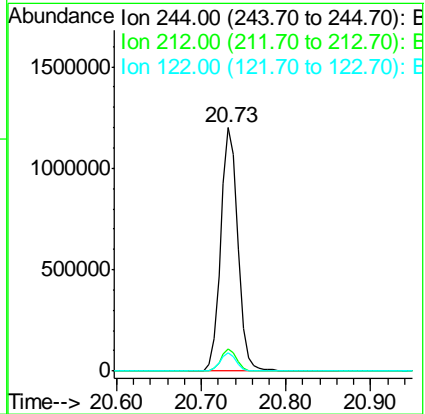
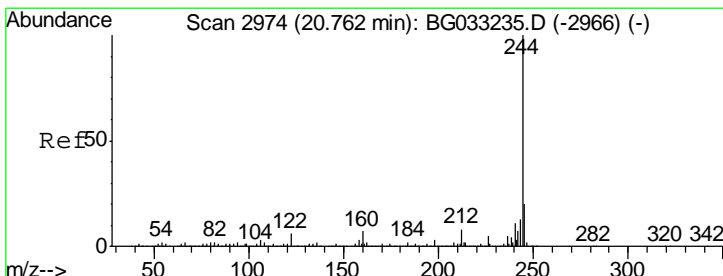
Instrument :  
BNA\_G  
ClientSampled :

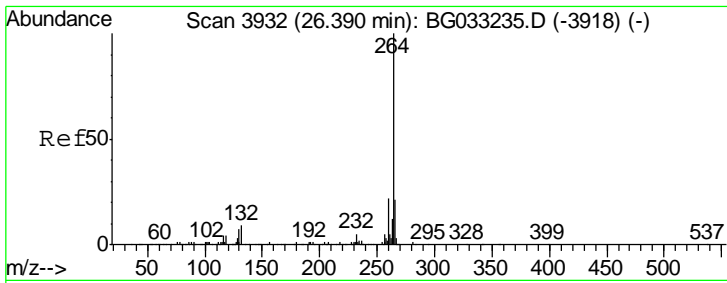
Tgt Ion	Resp	Lower	Upper
184	100		
185	18.9	11.1	16.7#
183	9.9	10.6	16.0#



#78  
Terphenyl-d14  
Concen: 103.481 ng  
RT: 20.73 min Scan# 2969  
Delta R.T. -0.00 min  
Lab File: BG033459.D  
Acq: 30 Mar 2018 22:02

Tgt Ion	Resp	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	7.8	7.0	10.4





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 26.32 min Scan# 3920  
 Delta R.T. -0.01 min  
 Lab File: BG033459.D  
 Acq: 30 Mar 2018 22:02

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion: 264 Resp: 369021

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	24.0	17.7	26.5

