

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
 Data File : BG038533.D
 Acq On : 13 Dec 2018 15:25
 Operator : JU/SJ
 Sample : J6275-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 13 16:39:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

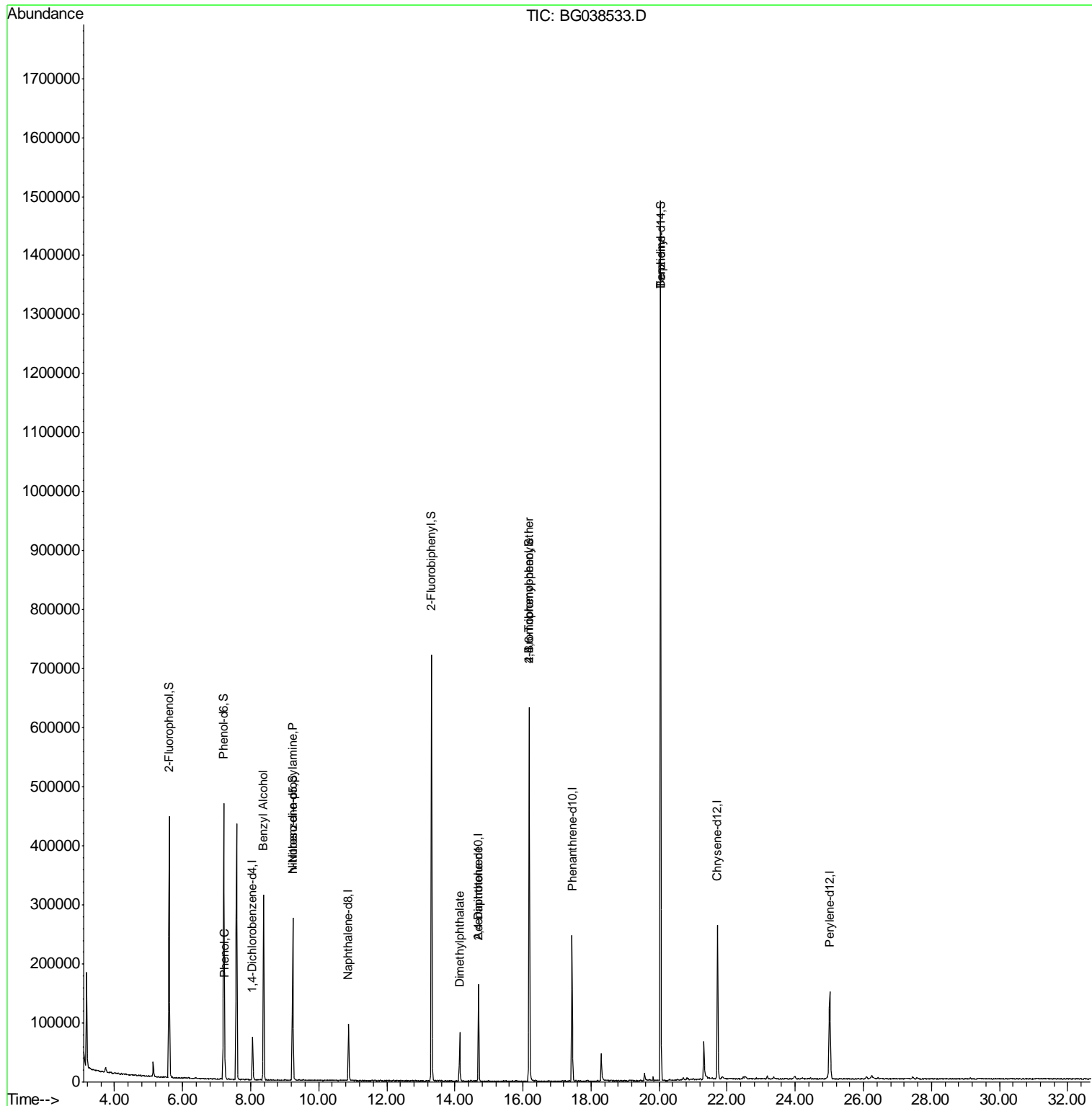
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	20476	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	84949	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	57987	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	155831	20.00	ng	0.00
76) Chrysene-d12	21.72	240	166416	20.00	ng	-0.01
87) Perylene-d12	25.01	264	177419	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	183837	159.24	ng	0.00
7) Phenol-d6	7.21	99	257030	162.18	ng	0.00
23) Nitrobenzene-d5	9.24	82	167098	100.49	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	129632	162.21	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	382385	90.46	ng	0.00
79) Terphenyl-d14	20.05	244	751016	98.22	ng	0.00
Target Compounds						
10) Phenol	7.24	94	16055	9.535	ng	97
15) Benzyl Alcohol	8.38	79	2579	2.085	ng	# 47
19) n-Nitroso-di-n-propylamine	9.24	70	22311	20.044	ng	# 71
50) Dimethylphthalate	14.14	163	60770	12.833	ng	100
57) 2,4-Dinitrotoluene	14.69	165	7459	4.935	ng	# 21
67) 4-Bromophenyl-phenylether	16.19	248	8515	4.474	ng	# 1
77) Benzidine	20.05	184	13302	2.703	ng	# 95

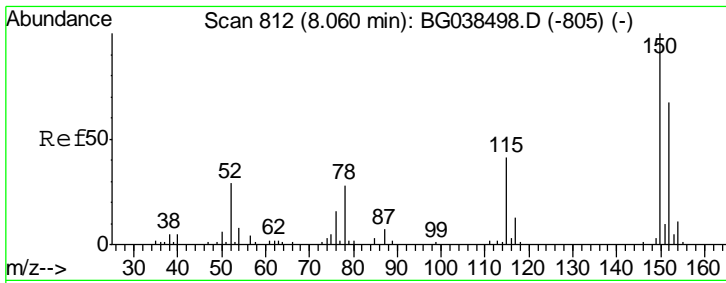
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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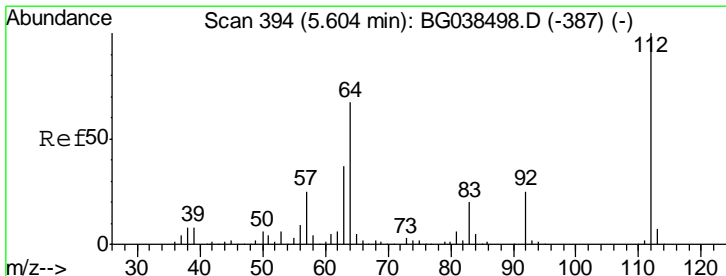
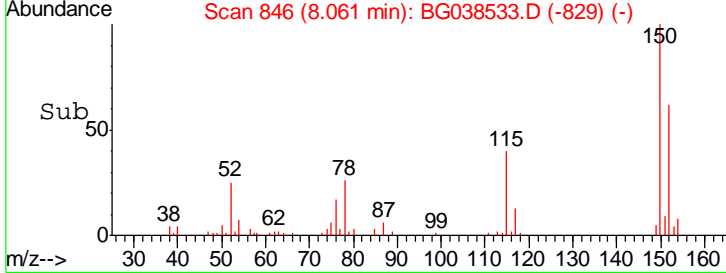
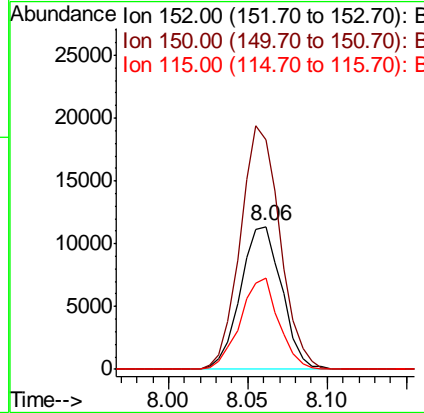
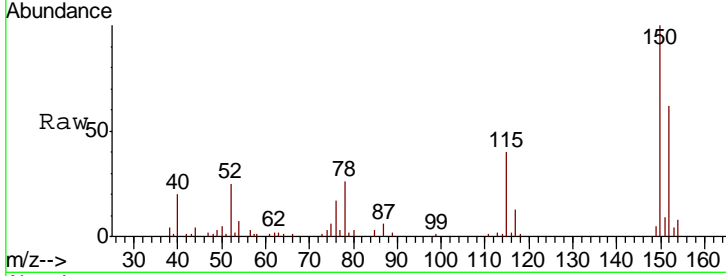




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BG038533.D
 Acq: 13 Dec 2018 15:25

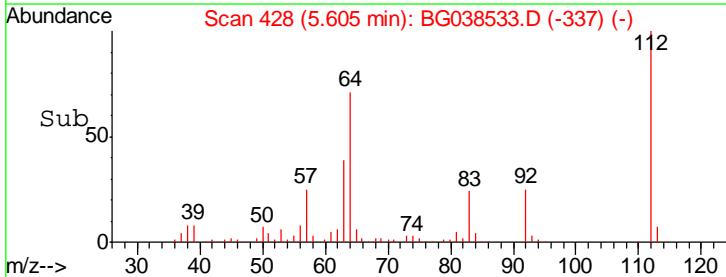
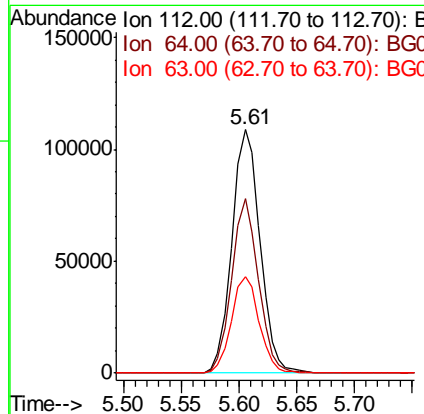
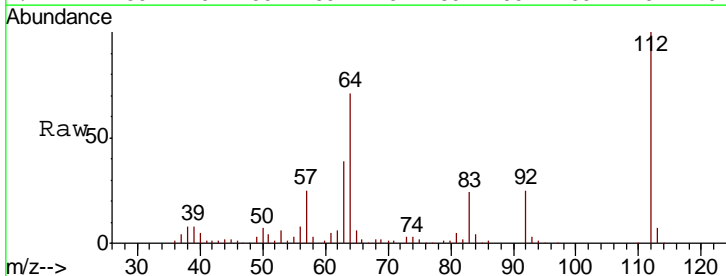
Instrument :
 BNA_G
 ClientSampled :

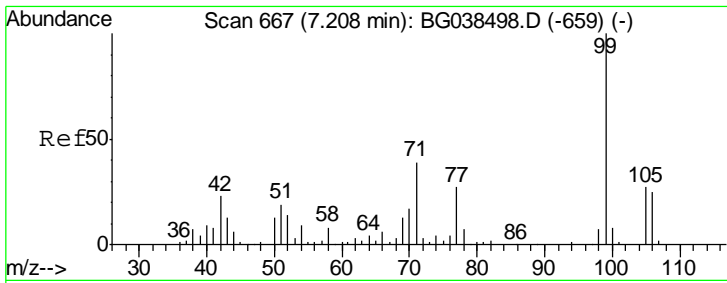
Tgt Ion	Resp	Lower	Upper
152	100		
150	161.3	119.5	179.3
115	64.2	49.6	74.4



#5
 2-Fluorophenol
 Concen: 159.241 ng
 RT: 5.61 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BG038533.D
 Acq: 13 Dec 2018 15:25

Tgt Ion	Resp	Lower	Upper
112	100		
64	71.5	53.4	80.2
63	39.4	29.3	43.9

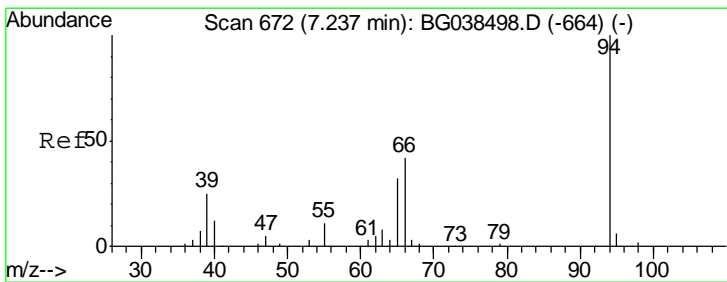
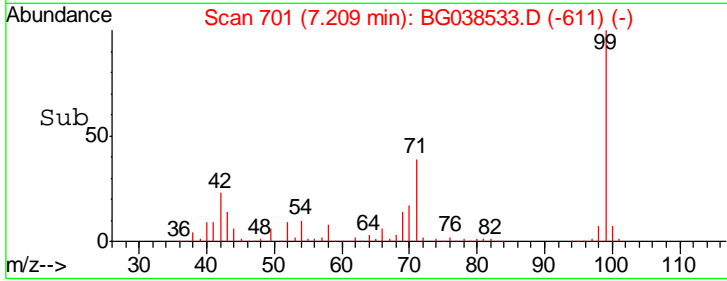
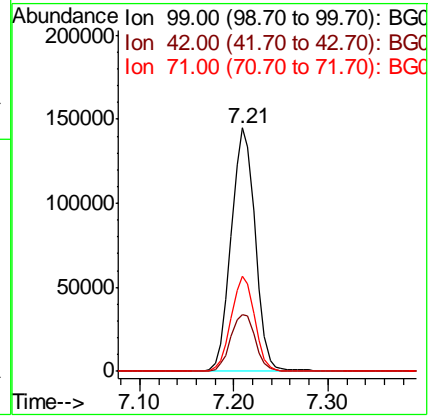
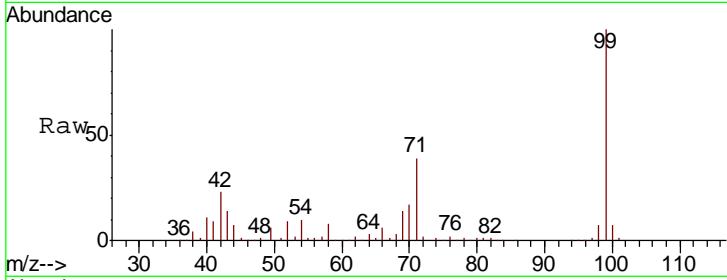




#7
 Phenol-d6
 Concen: 162.180 ng
 RT: 7.21 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BG038533.D
 Acq: 13 Dec 2018 15:25

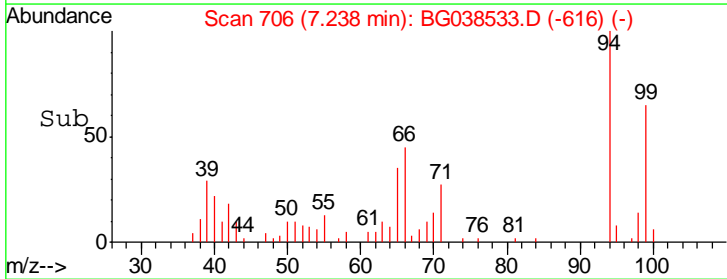
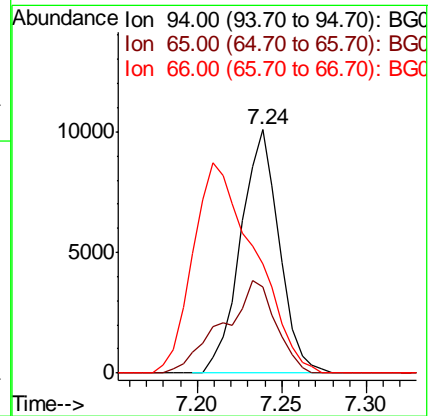
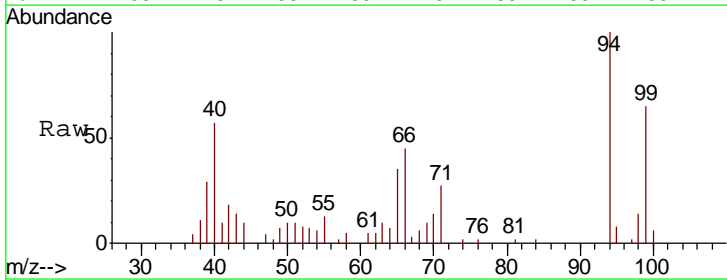
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 BNA_G
 ClientSampled :

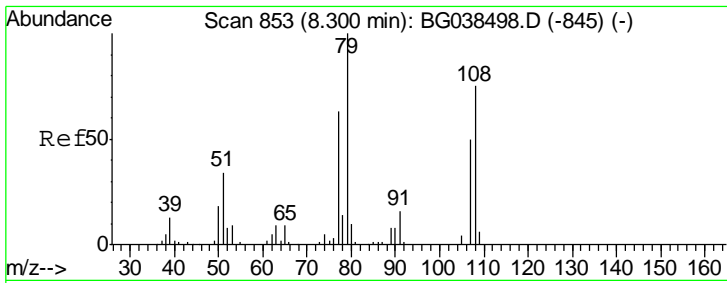
Tgt Ion	Resp	Lower	Upper
99	100		
42	23.4	18.5	27.7
71	39.0	31.1	46.7



#10
 Phenol
 Concen: 9.535 ng
 RT: 7.24 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BG038533.D
 Acq: 13 Dec 2018 15:25

Tgt Ion	Resp	Lower	Upper
94	100		
65	35.4	12.6	52.6
66	45.0	24.1	64.1

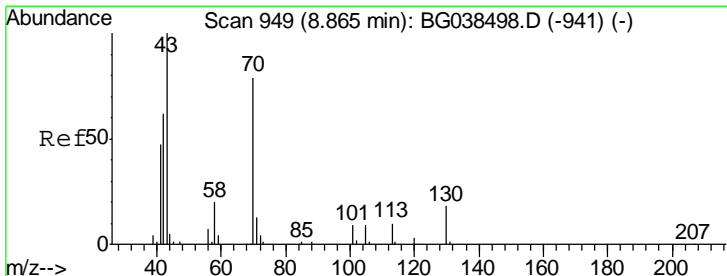
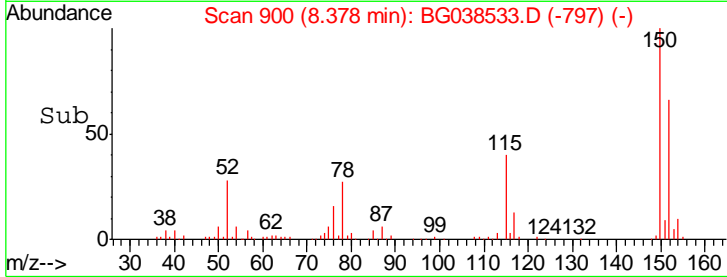
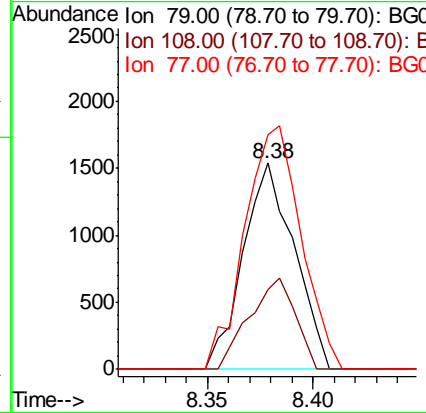
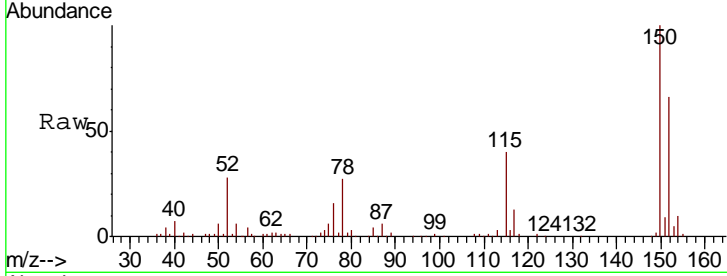




#15
 Benzyl Alcohol
 Concen: 2.085 ng
 RT: 8.38 min Scan# 900
 Delta R.T. 0.08 min
 Lab File: BG038533.D
 Acq: 13 Dec 2018 15:25

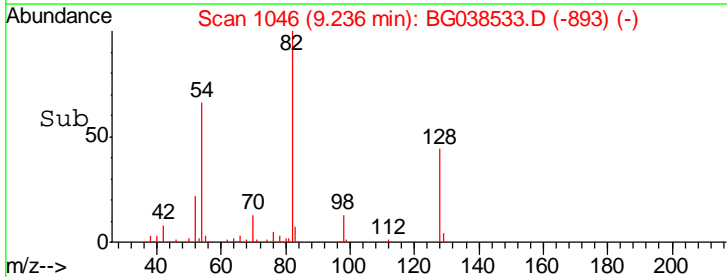
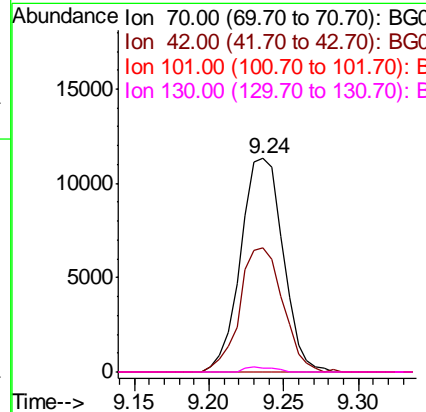
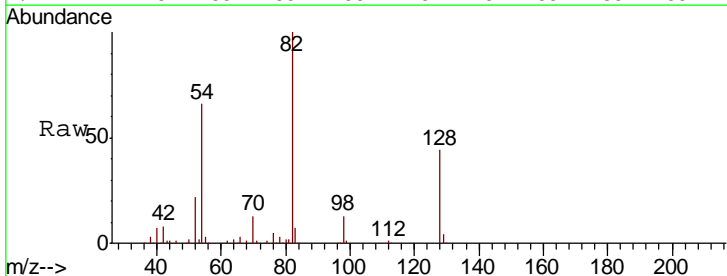
Instrument :
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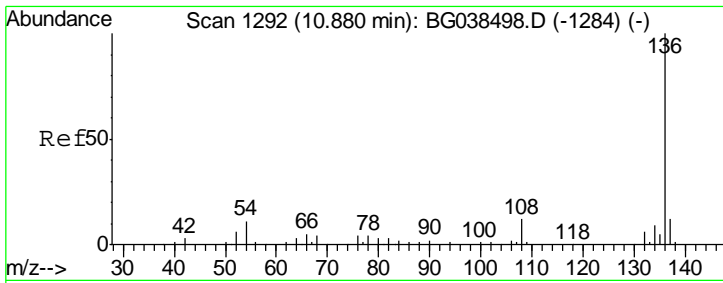
Tgt Ion	Resp	Lower	Upper
79	100		
108	38.9	60.2	90.4#
77	114.1	50.7	76.1#



#19
 n-Nitroso-di-n-propylamine
 Concen: 20.044 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. 0.37 min
 Lab File: BG038533.D
 Acq: 13 Dec 2018 15:25

Tgt Ion	Resp	Lower	Upper
70	100		
42	58.2	63.6	95.4#
101	0.0	9.2	13.8#
130	1.8	18.5	27.7#

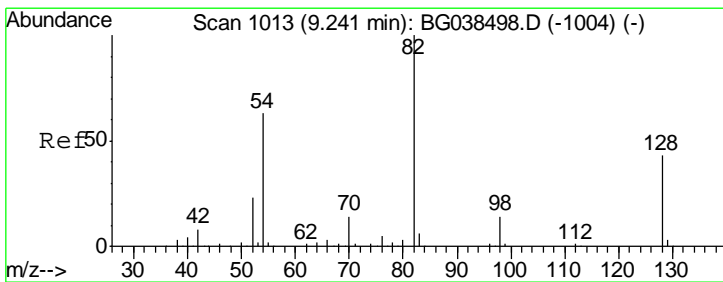
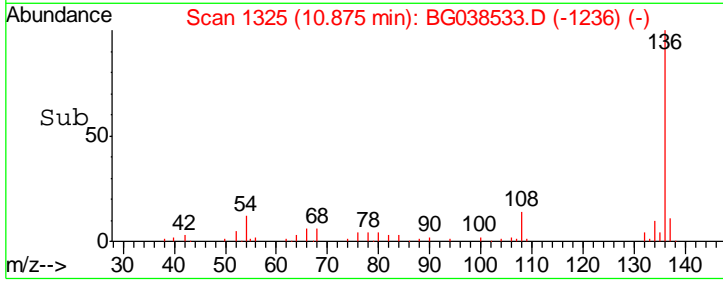
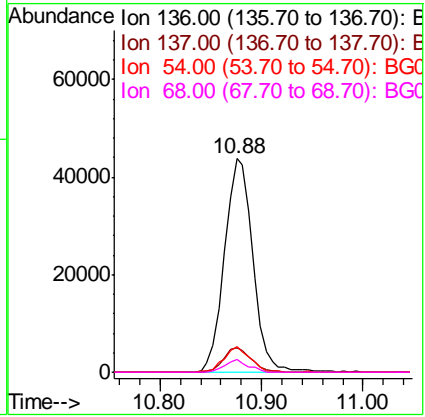
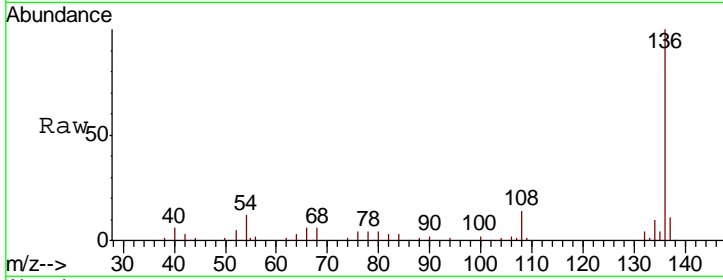




#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.88 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BG038533.D
 Acq: 13 Dec 2018 15:25

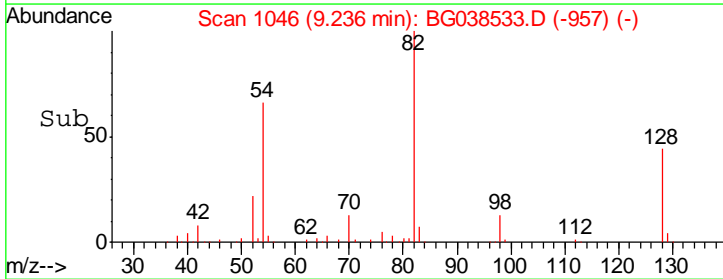
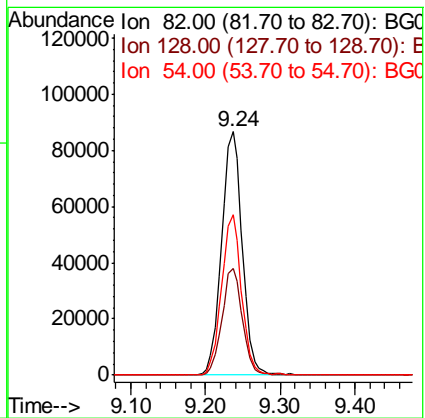
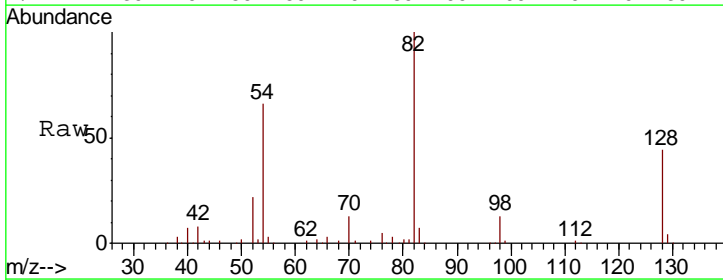
Instrument :
 BNA_G
 ClientSampled :

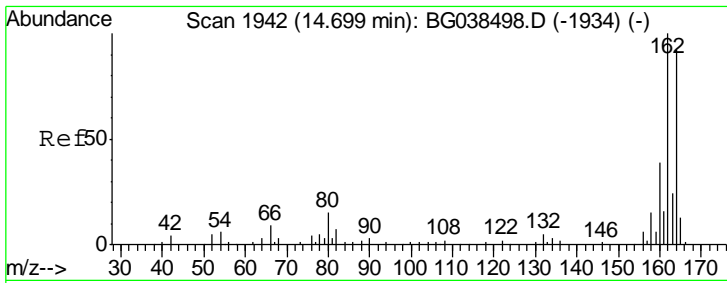
Tgt Ion	Resp	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	11.8	8.5	12.7
68	5.8	3.5	5.3#



#23
 Nitrobenzene-d5
 Concen: 100.490 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG038533.D
 Acq: 13 Dec 2018 15:25

Tgt Ion	Resp	Lower	Upper
82	100		
128	43.6	34.6	52.0
54	65.7	50.6	76.0

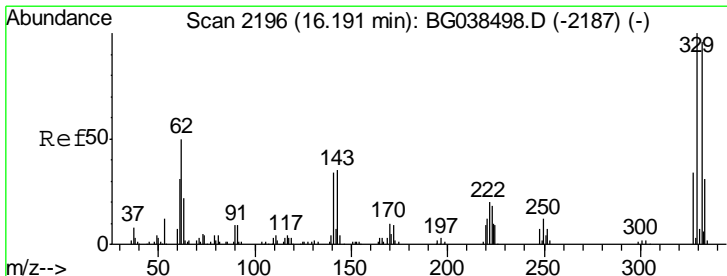
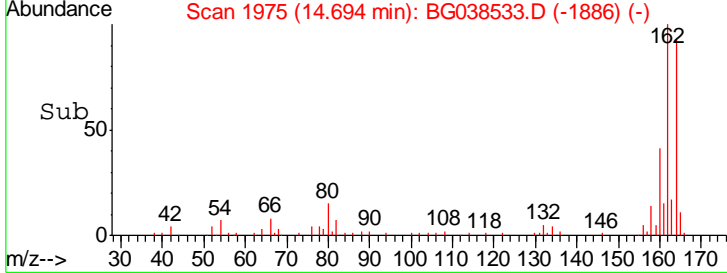
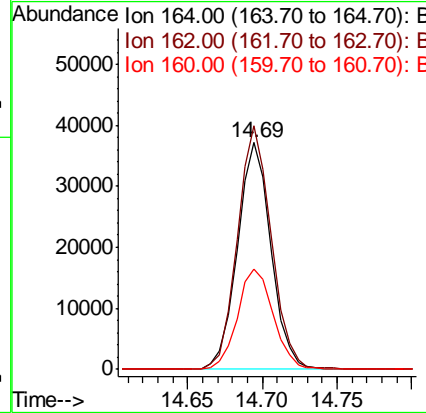
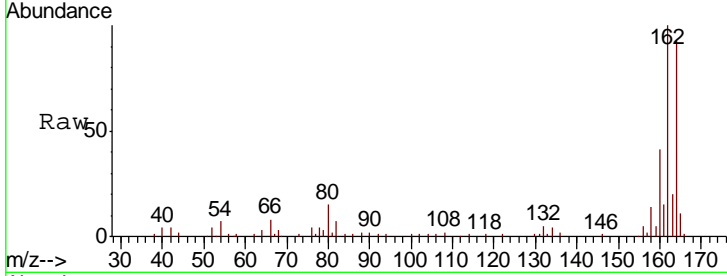




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG038533.D
 Acq: 13 Dec 2018 15:25

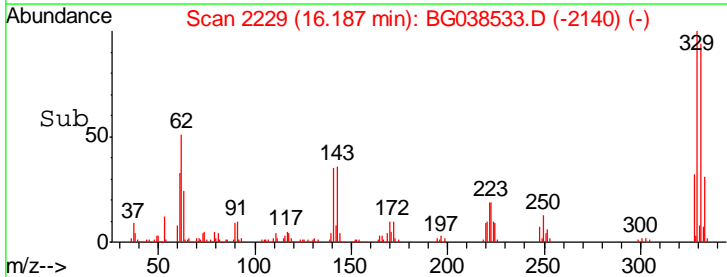
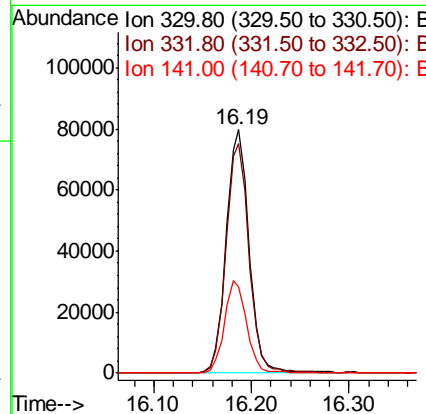
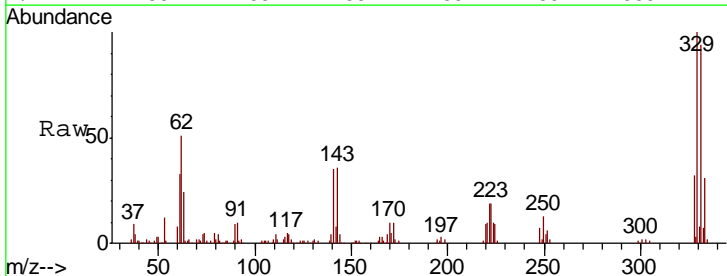
Instrument :
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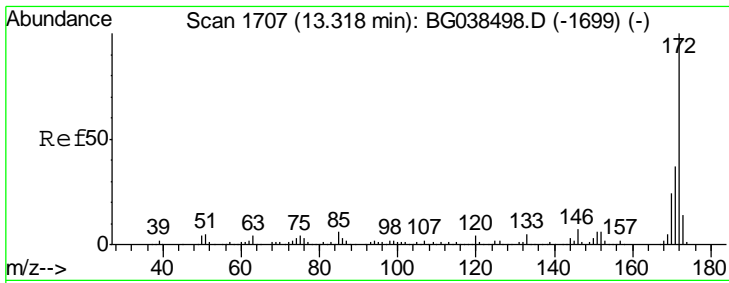
Tgt Ion	Resp	Lower	Upper
164	100		
162	107.5	86.6	130.0
160	44.2	34.2	51.2



#42
 2,4,6-Tribromophenol
 Concen: 162.209 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG038533.D
 Acq: 13 Dec 2018 15:25

Tgt Ion	Resp	Lower	Upper
330	100		
332	94.5	76.9	115.3
141	36.9	28.8	43.2

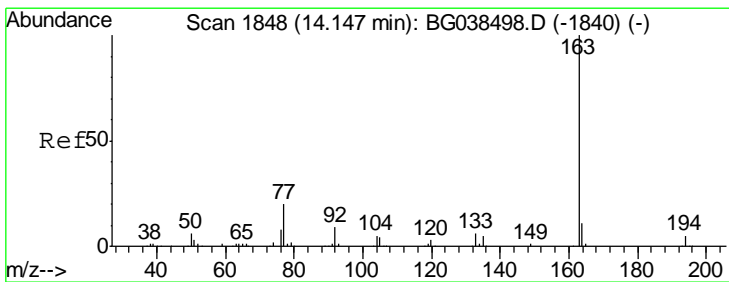
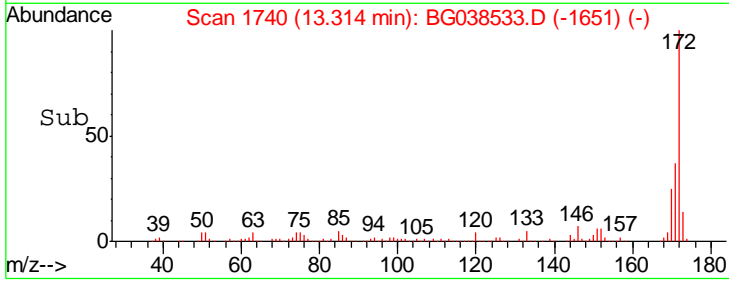
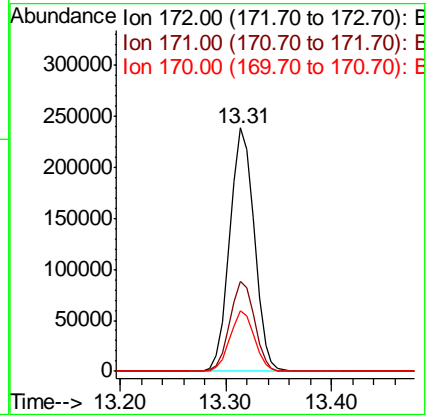
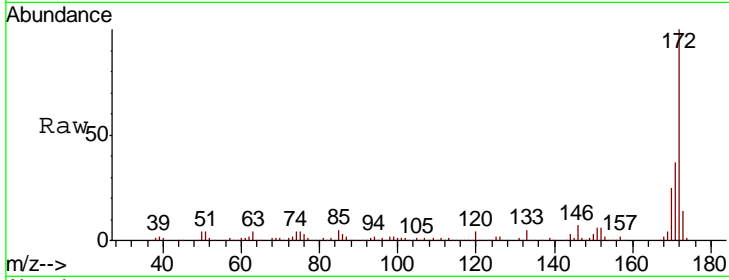




#45
 2-Fluorobiphenyl
 Concen: 90.464 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038533.D
 Acq: 13 Dec 2018 15:25

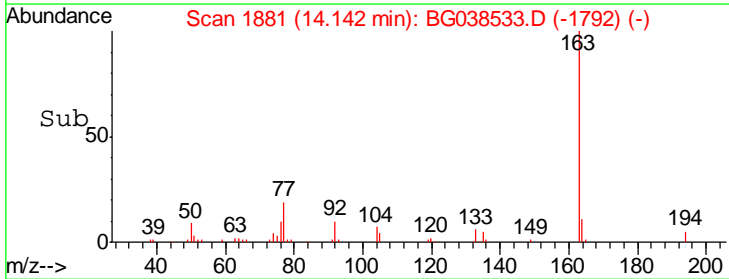
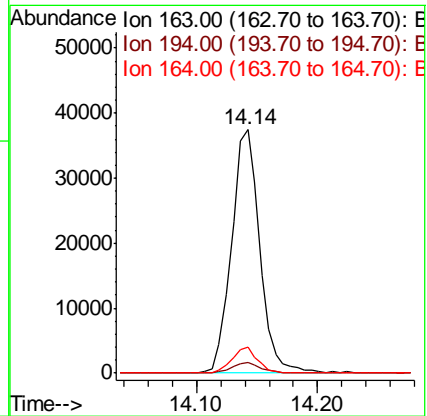
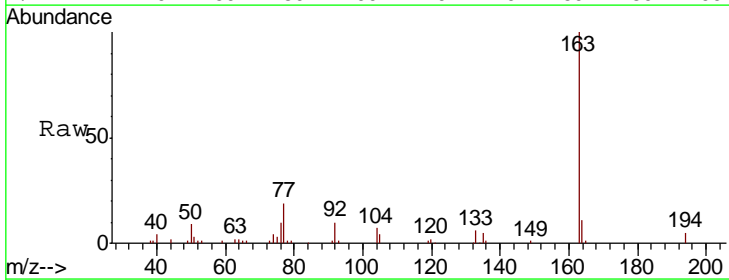
Instrument :
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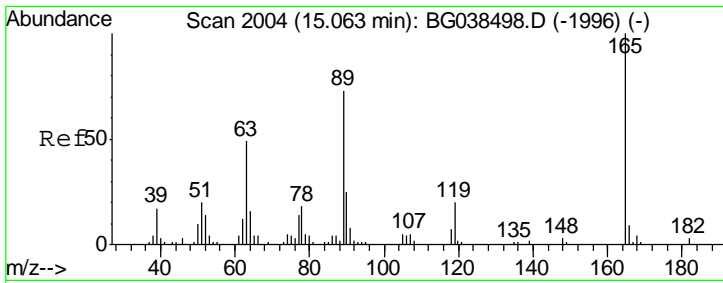
Tgt Ion	Resp	Lower	Upper
172	382385		
171	100	29.8	44.6
170	36.8	19.5	29.3



#50
 Dimethylphthalate
 Concen: 12.833 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.00 min
 Lab File: BG038533.D
 Acq: 13 Dec 2018 15:25

Tgt Ion	Resp	Lower	Upper
163	60770		
194	100	3.7	5.5
164	4.6	8.6	12.8

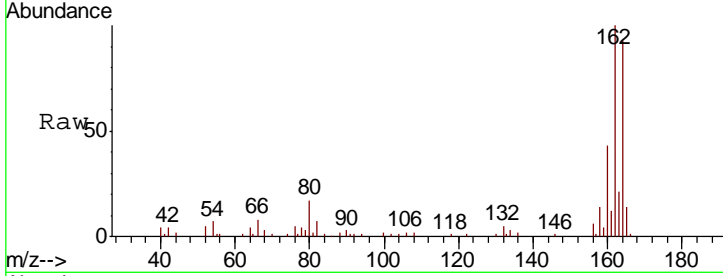




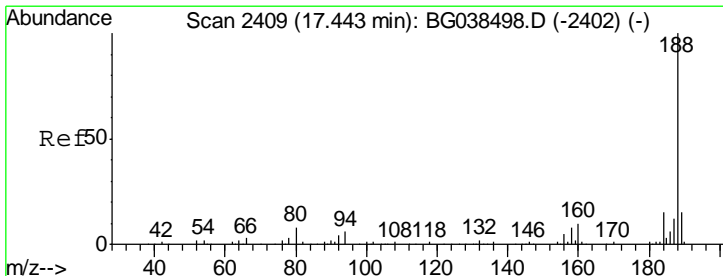
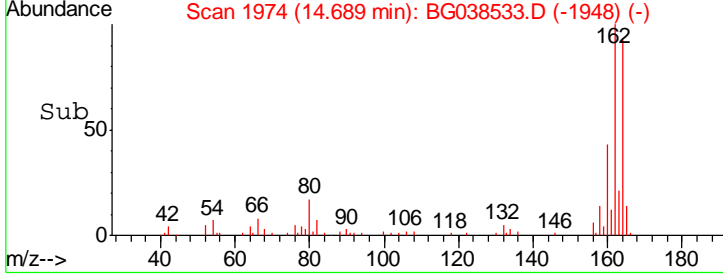
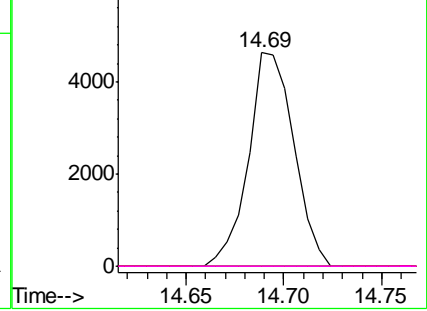
#57
 2,4-Dinitrotoluene
 Concen: 4.935 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.37 min
 Lab File: BG038533.D
 Acq: 13 Dec 2018 15:25

Instrument :
 BNA_G
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#

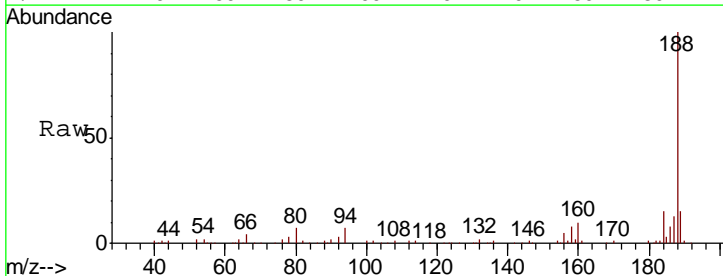


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

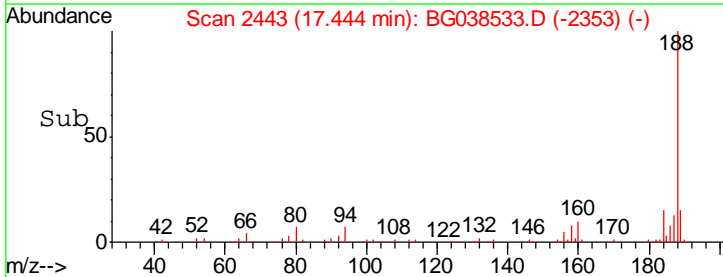
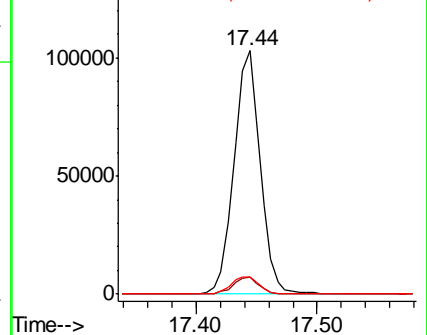


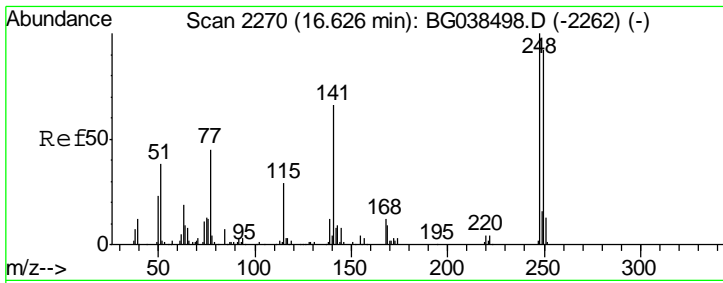
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BG038533.D
 Acq: 13 Dec 2018 15:25

Tgt Ion	Resp	Lower	Upper
188	100		
94	6.9	5.1	7.7
80	6.8	6.1	9.1



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

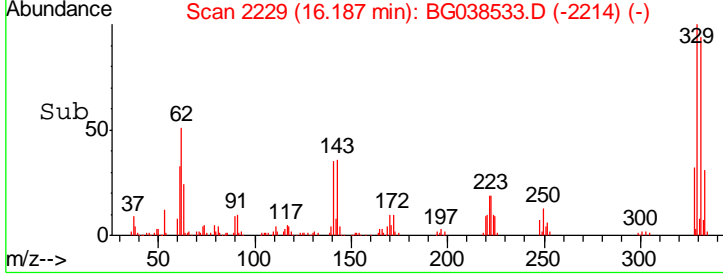
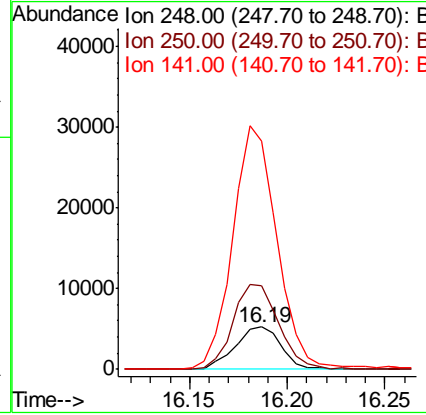
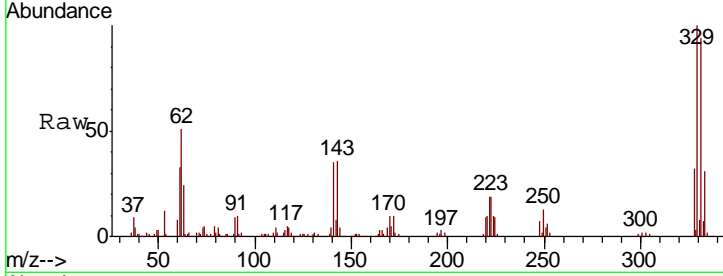




#67
 4-Bromophenyl-phenylether
 Concen: 4.474 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038533.D
 Acq: 13 Dec 2018 15:25

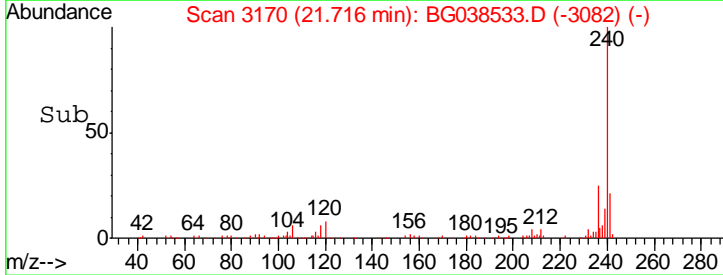
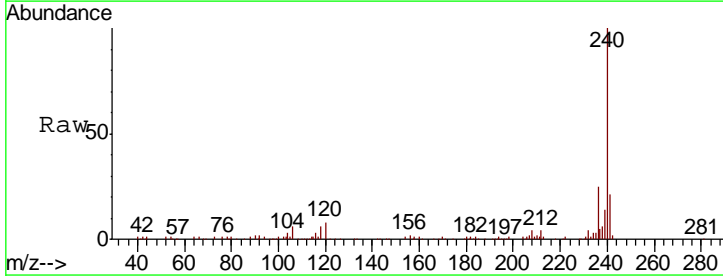
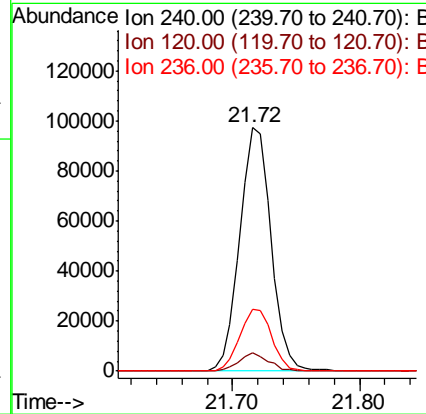
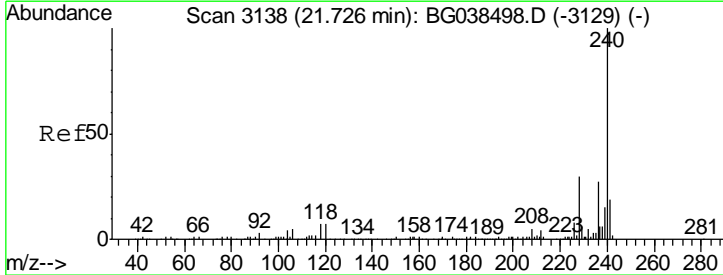
Instrument :
 BNA_G
 ClientSampled :

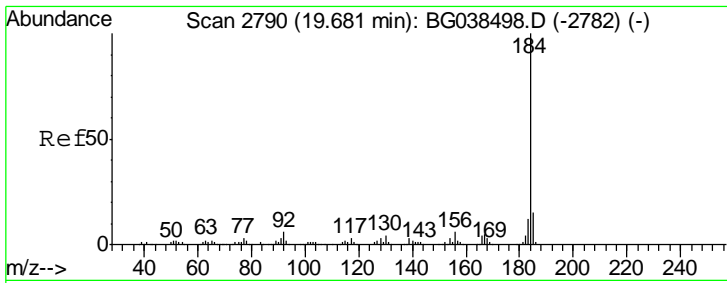
Tgt Ion	Resp	Lower	Upper
248	100		
250	196.8	73.4	110.2#
141	411.8	52.9	79.3#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BG038533.D
 Acq: 13 Dec 2018 15:25

Tgt Ion	Resp	Lower	Upper
240	100		
120	7.7	5.3	7.9
236	25.3	21.4	32.2

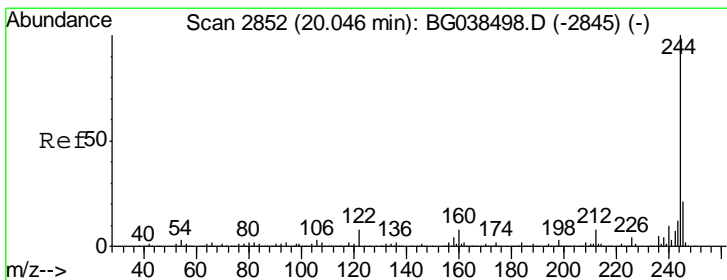
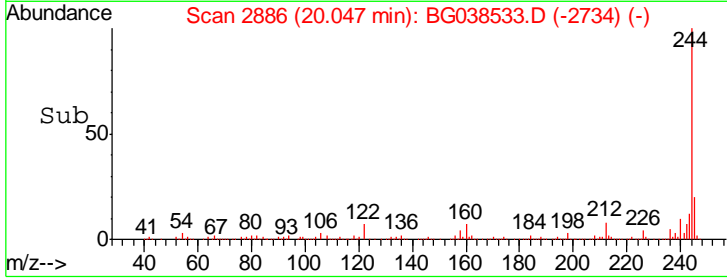
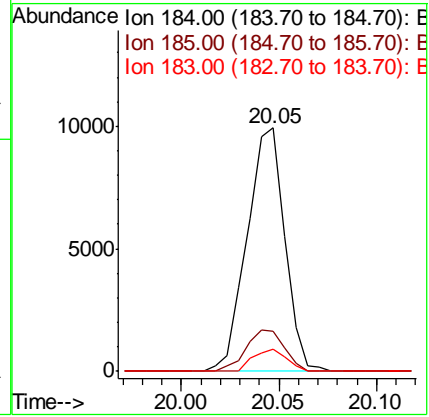
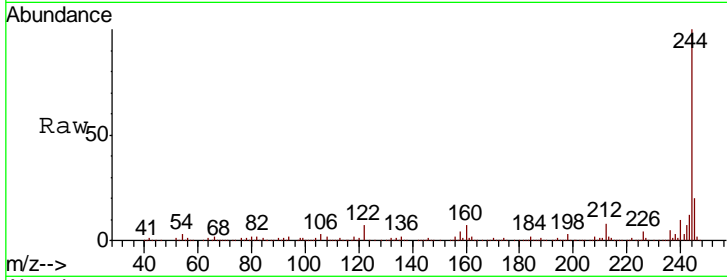




#77
Benzidine
Concen: 2.703 ng
RT: 20.05 min Scan# 2886
Delta R.T. 0.37 min
Lab File: BG038533.D
Acq: 13 Dec 2018 15:25

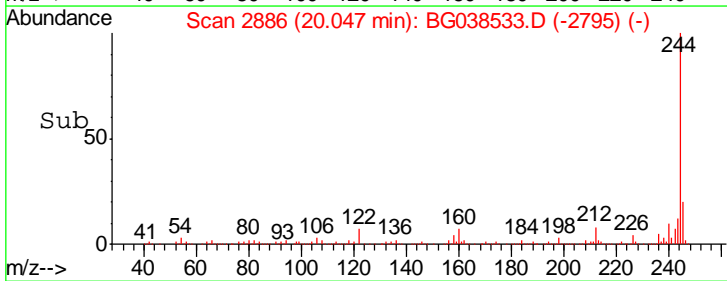
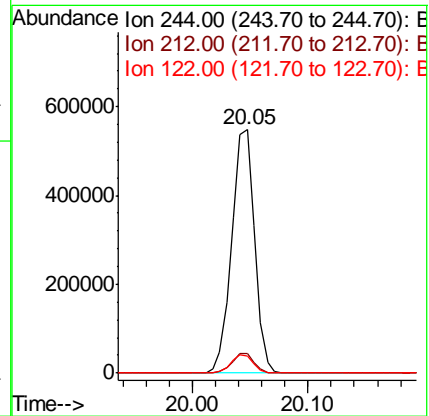
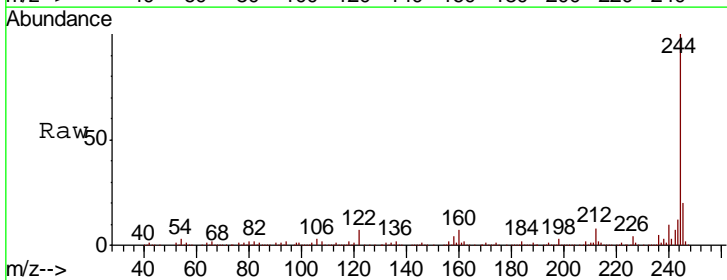
Instrument :
BNA_G
ClientSampled :

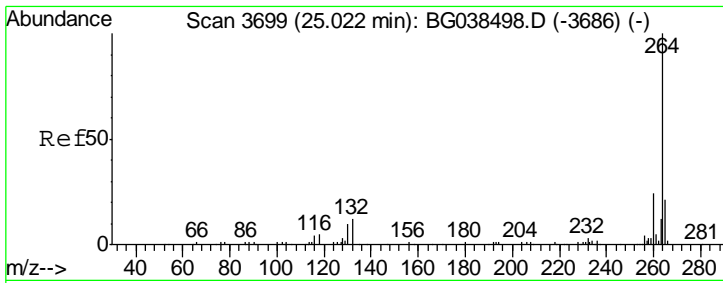
Tgt Ion	Resp	Lower	Upper
184	13302		
185	16.4	12.2	18.2
183	9.1	9.6	14.4



#79
Terphenyl-d14
Concen: 98.215 ng
RT: 20.05 min Scan# 2886
Delta R.T. 0.00 min
Lab File: BG038533.D
Acq: 13 Dec 2018 15:25

Tgt Ion	Resp	Lower	Upper
244	751016		
212	7.9	6.2	9.2
122	7.0	6.3	9.5





#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.01 min Scan# 3731
 Delta R.T. -0.01 min
 Lab File: BG038533.D
 Acq: 13 Dec 2018 15:25

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 264 Resp: 177419

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.9	28.3
265	23.4	17.0	25.4

