

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
 Data File : BG038531.D
 Acq On : 13 Dec 2018 14:06
 Operator : JU/SJ
 Sample : J6275-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 13 16:38:44 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

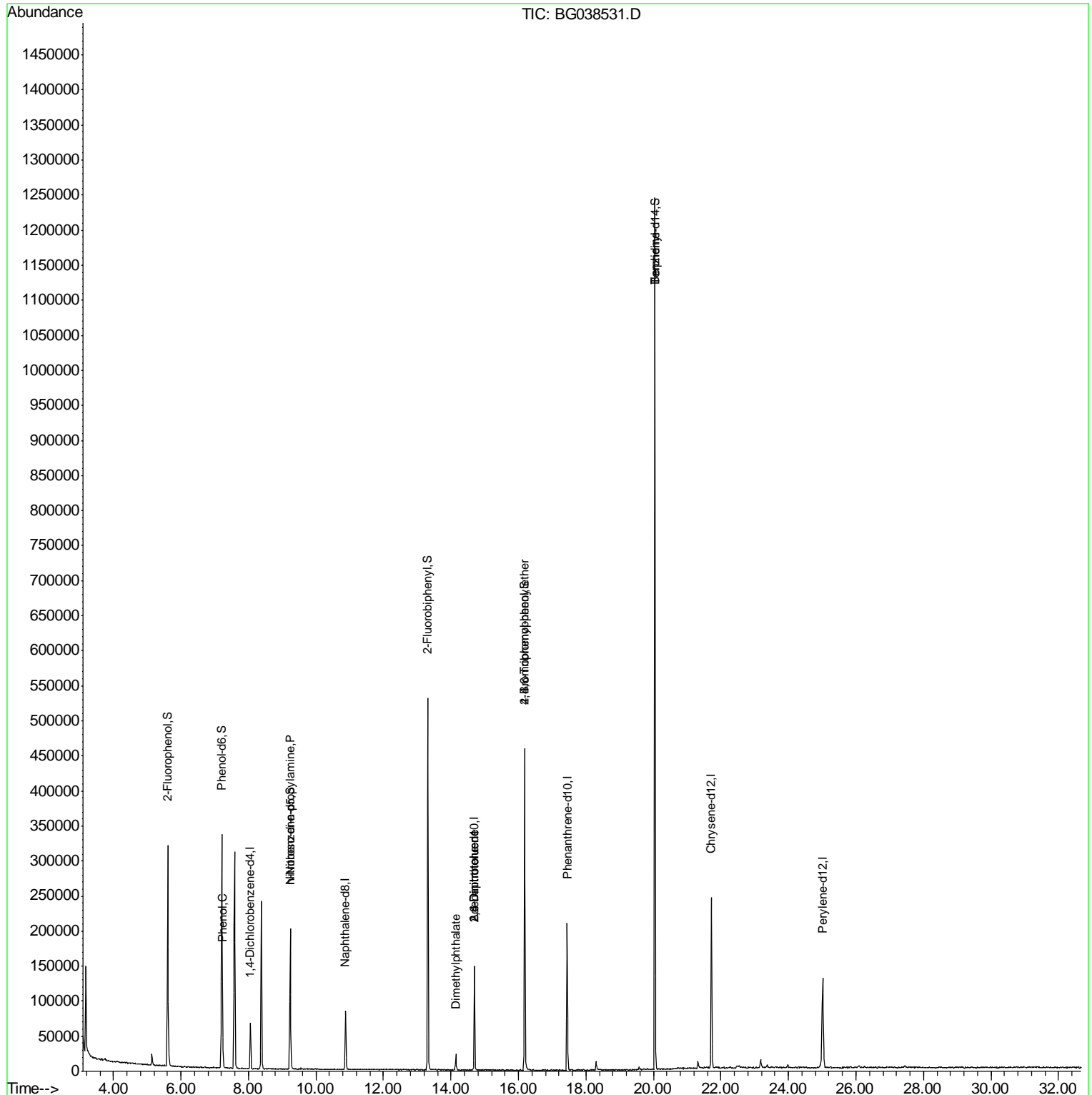
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	19242	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	77880	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	53039	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	140629	20.00	ng	0.00
76) Chrysene-d12	21.72	240	153639	20.00	ng	0.00
87) Perylene-d12	25.01	264	159526	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	138382	127.56	ng	0.00
7) Phenol-d6	7.21	99	189164	127.01	ng	0.00
23) Nitrobenzene-d5	9.24	82	123858	81.25	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	92394	126.40	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	287411	74.34	ng	0.00
79) Terphenyl-d14	20.04	244	593527	84.07	ng	0.00
Target Compounds						
10) Phenol	7.23	94	11880	7.508	ng	83
19) n-Nitroso-di-n-propylamine	9.24	70	16297	15.580	ng	# 72
50) Dimethylphthalate	14.14	163	20191	4.662	ng	100
51) 2,6-Dinitrotoluene	14.69	165	6942	7.072	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	6942	5.021	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	6293	3.664	ng	# 1
77) Benzidine	20.04	184	10466	2.303	ng	# 95

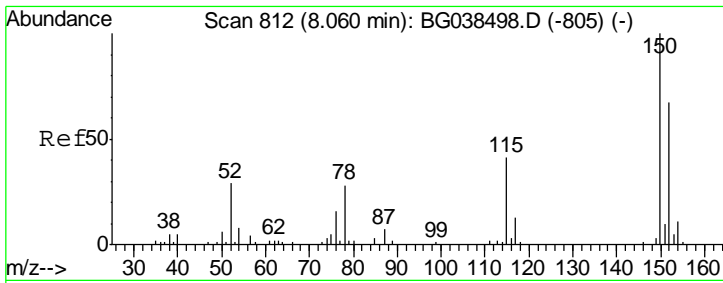
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
Data File : BG038531.D
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Sample : J6275-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :

Quant Time: Dec 13 16:38:44 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

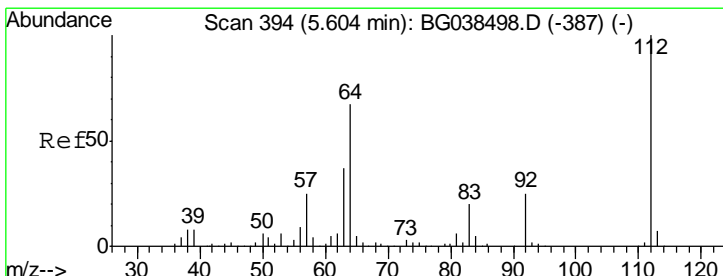
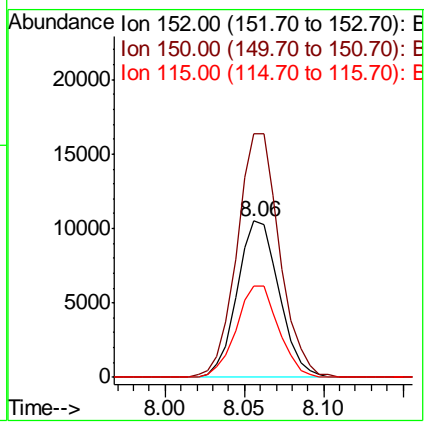
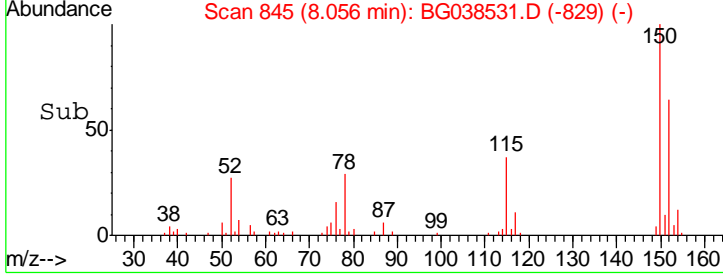
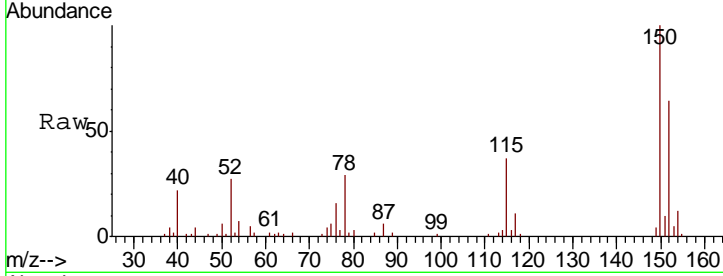




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BG038531.D
 Acq: 13 Dec 2018 14:06

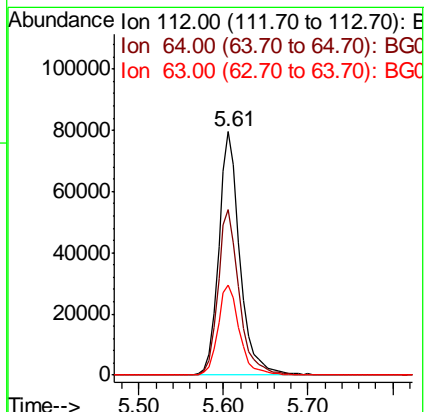
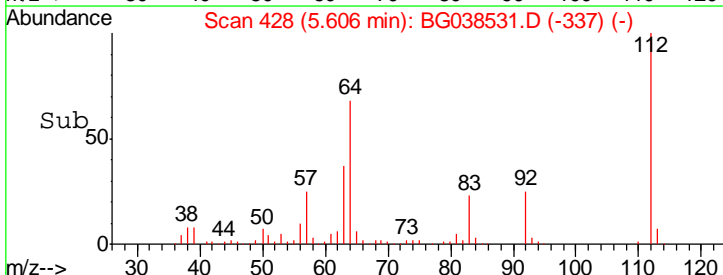
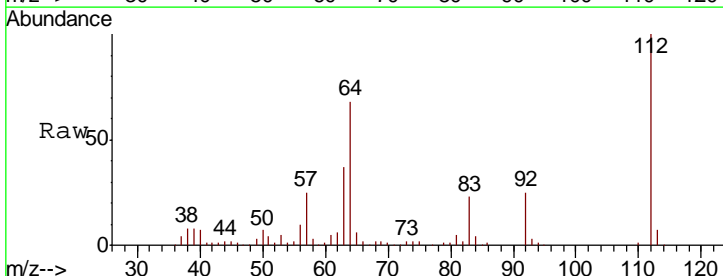
Instrument :
 BNA_G
 ClientSampled :

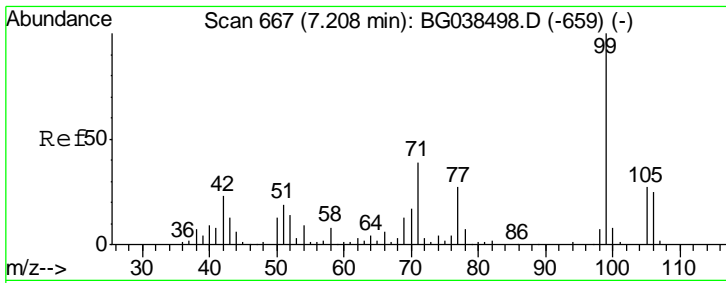
Tgt Ion	Resp	Lower	Upper
152	19242		
150	156.0	119.5	179.3
115	58.5	49.6	74.4



#5
 2-Fluorophenol
 Concen: 127.555 ng
 RT: 5.61 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BG038531.D
 Acq: 13 Dec 2018 14:06

Tgt Ion	Resp	Lower	Upper
112	138382		
64	67.8	53.4	80.2
63	37.1	29.3	43.9

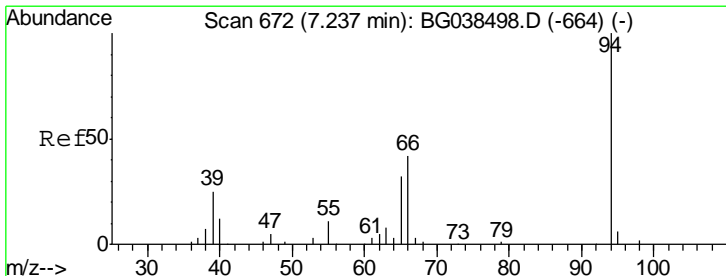
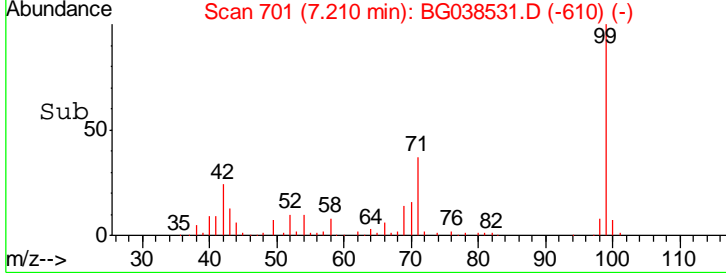
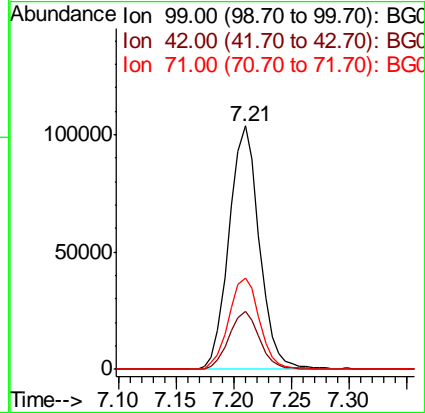
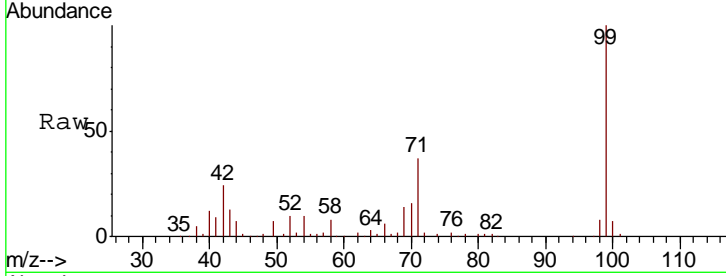




#7
 Phenol-d6
 Concen: 127.013 ng
 RT: 7.21 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BG038531.D
 Acq: 13 Dec 2018 14:06

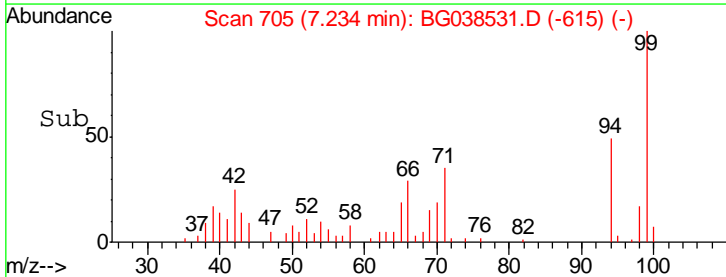
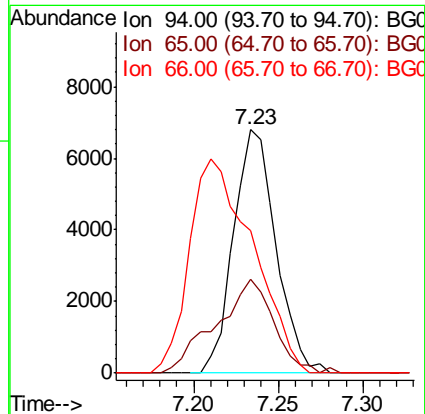
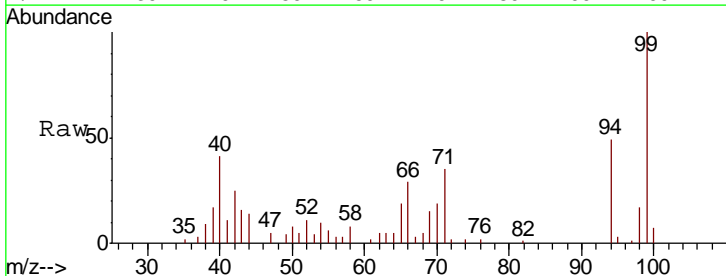
Instrument :
 BNA_G
 ClientSampled :

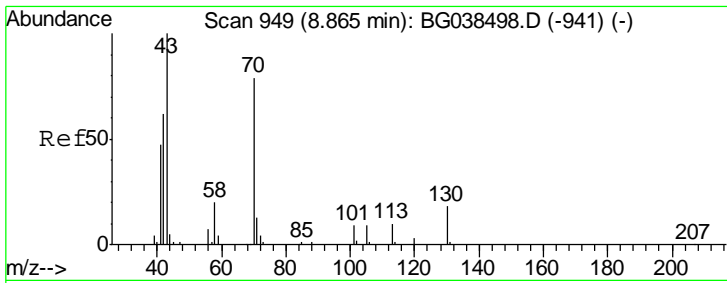
Tgt Ion	Resp	Lower	Upper
99	189164		
42	24.0	18.5	27.7
71	37.4	31.1	46.7



#10
 Phenol
 Concen: 7.508 ng
 RT: 7.23 min Scan# 705
 Delta R.T. -0.00 min
 Lab File: BG038531.D
 Acq: 13 Dec 2018 14:06

Tgt Ion	Resp	Lower	Upper
94	11880		
65	38.4	12.6	52.6
66	58.3	24.1	64.1

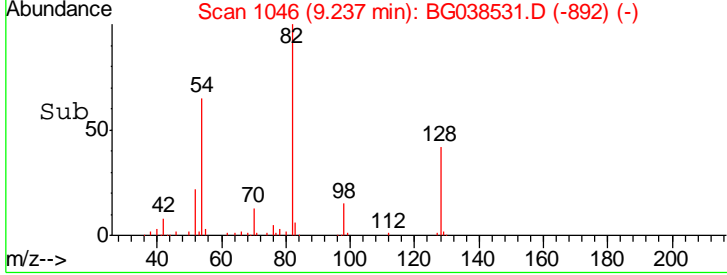
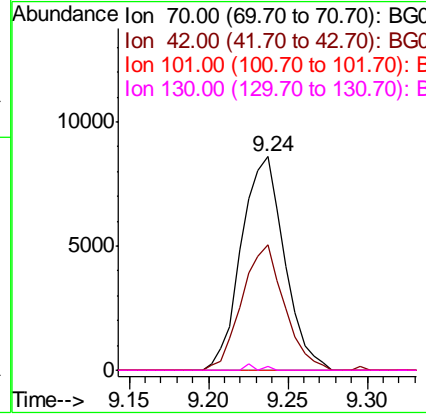
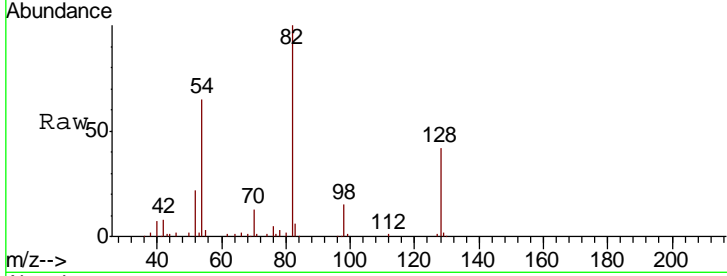




#19
 n-Nitroso-di-n-propylamine
 Concen: 15.580 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. 0.37 min
 Lab File: BG038531.D
 Acq: 13 Dec 2018 14:06

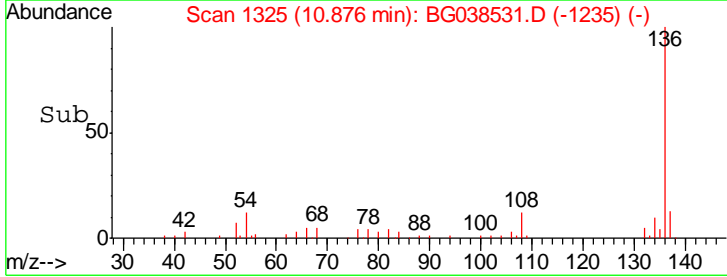
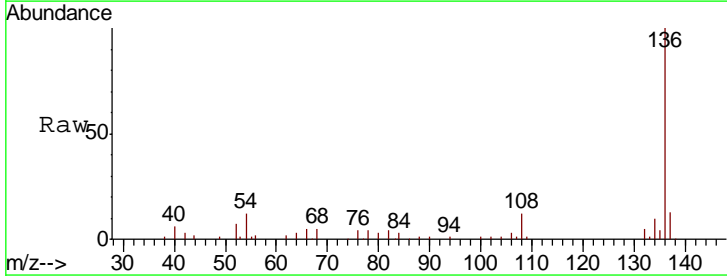
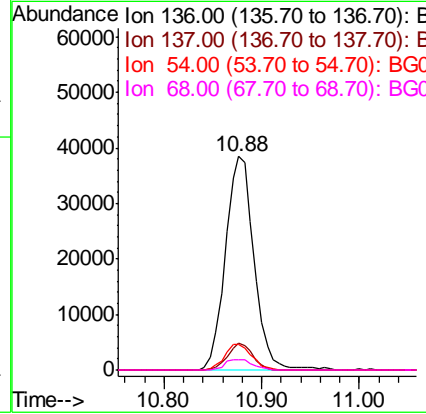
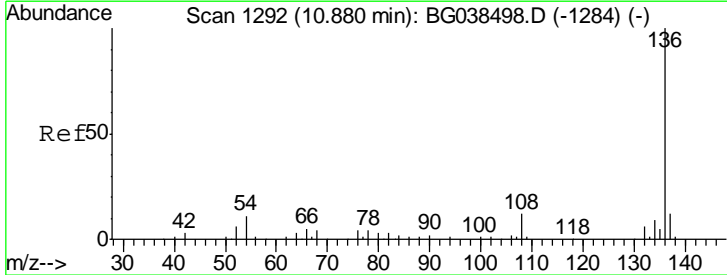
Instrument :
 BNA_G
 ClientSampled :

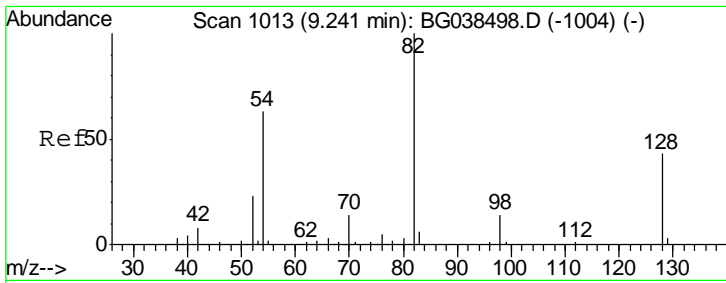
Tgt Ion	Resp	Lower	Upper
70	100		
42	58.6	63.6	95.4#
101	0.0	9.2	13.8#
130	2.1	18.5	27.7#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.88 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BG038531.D
 Acq: 13 Dec 2018 14:06

Tgt Ion	Resp	Lower	Upper
136	100		
137	12.6	9.3	13.9
54	12.2	8.5	12.7
68	4.7	3.5	5.3

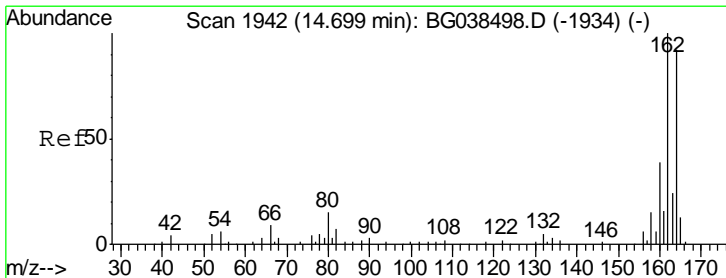
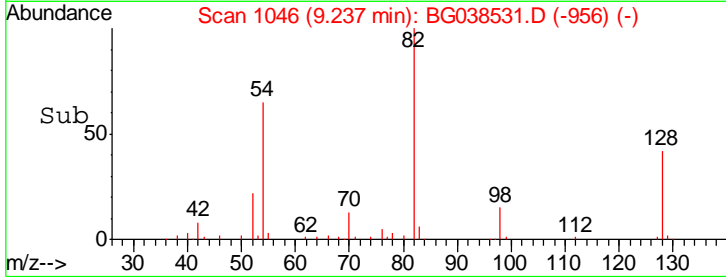
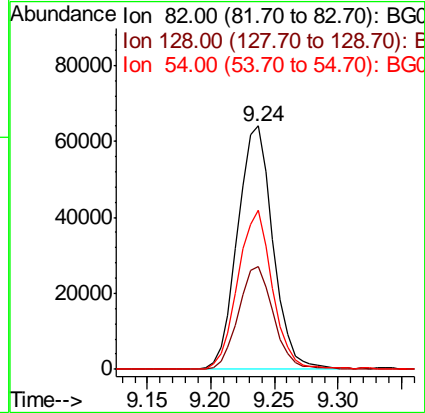
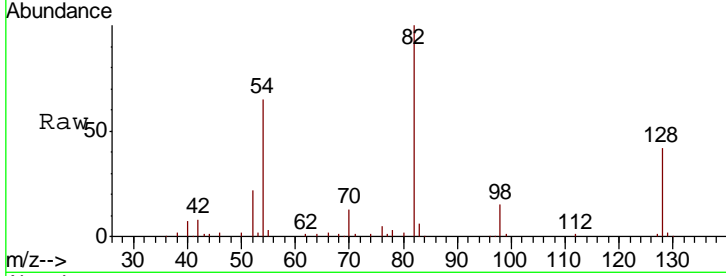




#23
 Nitrobenzene-d5
 Concen: 81.247 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG038531.D
 Acq: 13 Dec 2018 14:06

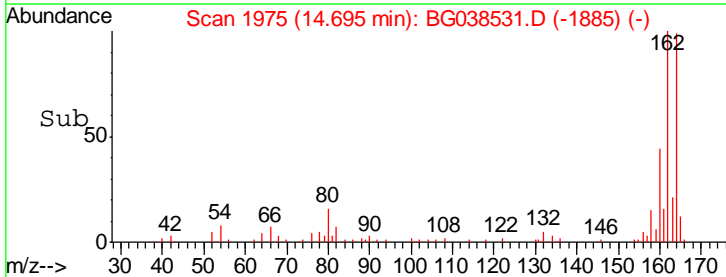
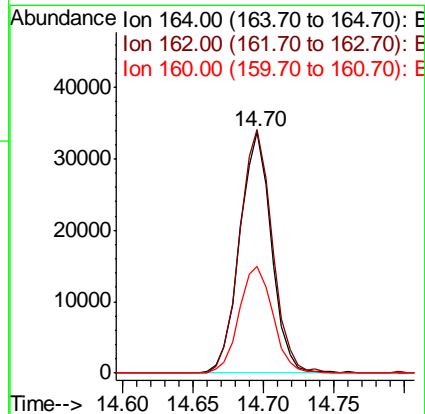
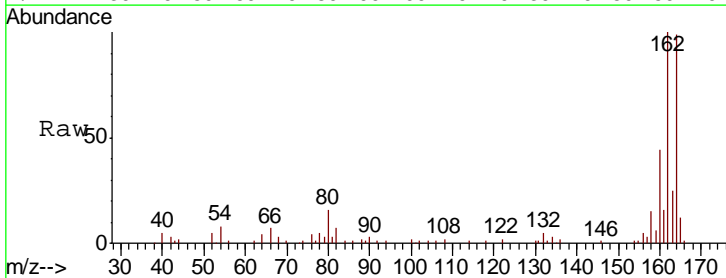
Instrument :
 BNA_G
 ClientSampled :

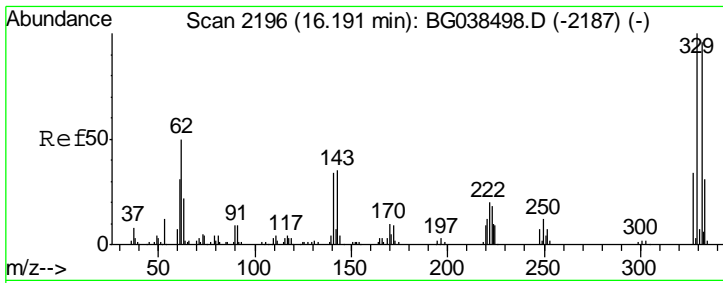
Tgt Ion	Resp	Lower	Upper
82	123858		
128	42.5	34.6	52.0
54	65.4	50.6	76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG038531.D
 Acq: 13 Dec 2018 14:06

Tgt Ion	Resp	Lower	Upper
164	53039		
162	100.9	86.6	130.0
160	44.0	34.2	51.2

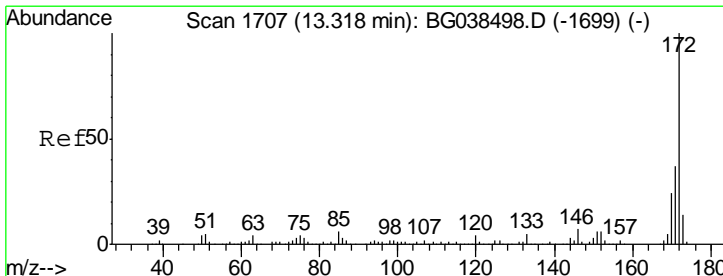
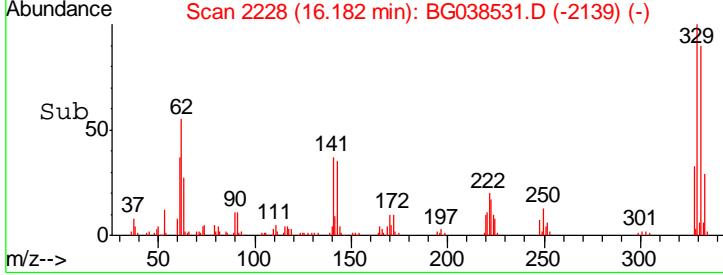
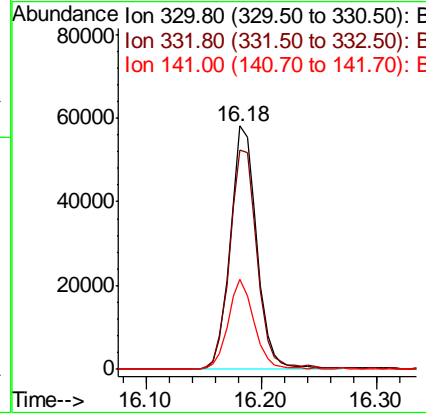
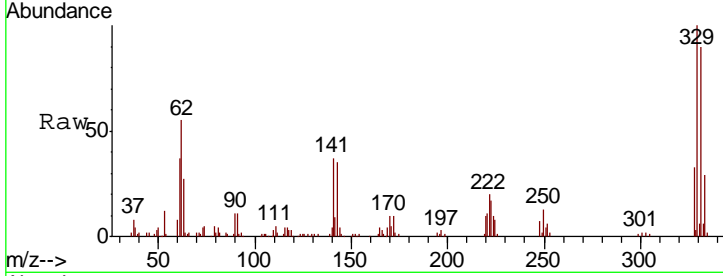




#42
 2,4,6-Tribromophenol
 Concen: 126.399 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG038531.D
 Acq: 13 Dec 2018 14:06

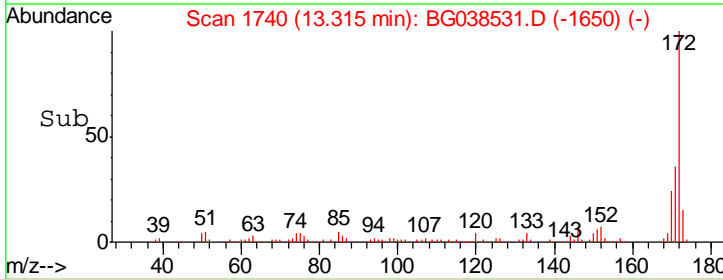
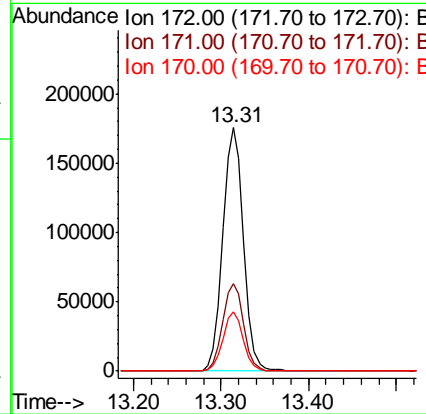
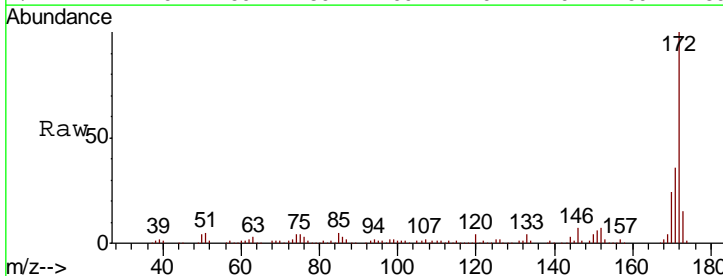
Instrument :
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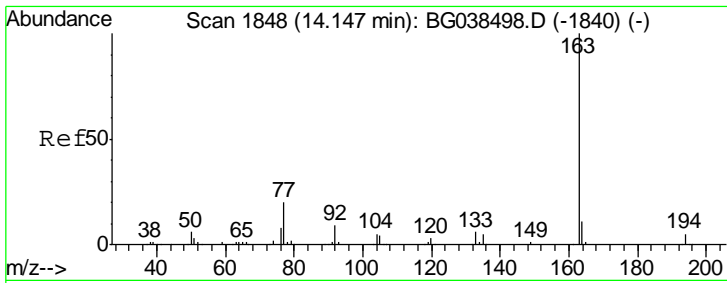
Tgt Ion	Resp	Lower	Upper
330	100		
332	93.6	76.9	115.3
141	36.2	28.8	43.2



#45
 2-Fluorobiphenyl
 Concen: 74.339 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038531.D
 Acq: 13 Dec 2018 14:06

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.8	29.8	44.6
170	24.4	19.5	29.3

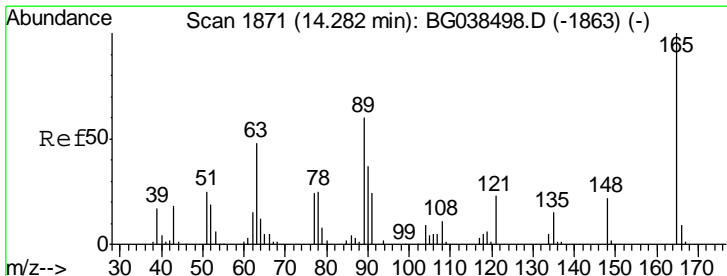
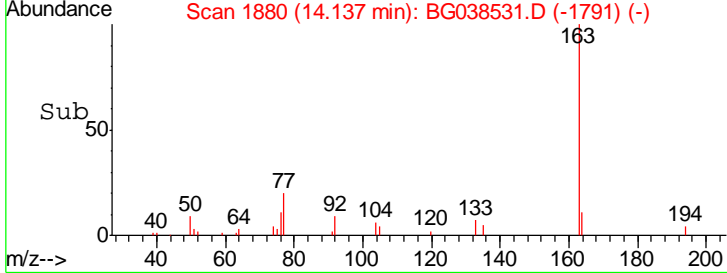
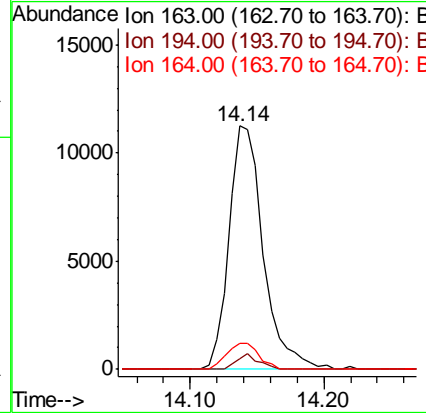
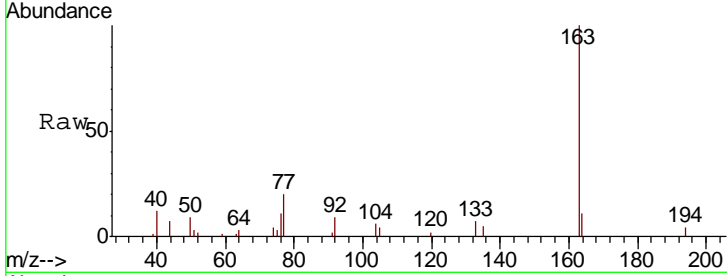




#50
 Dimethylphthalate
 Concen: 4.662 ng
 RT: 14.14 min Scan# 1880
 Delta R.T. -0.01 min
 Lab File: BG038531.D
 Acq: 13 Dec 2018 14:06

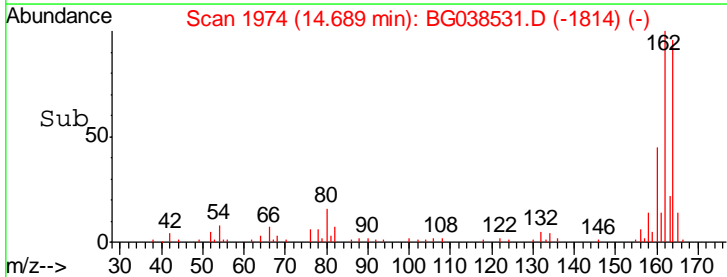
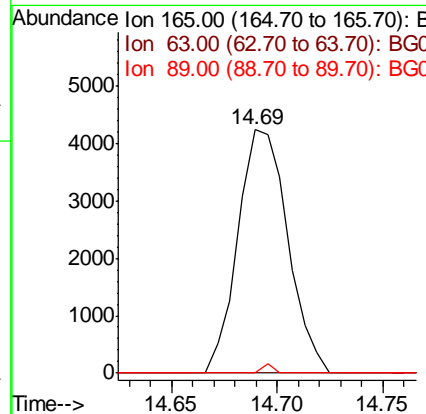
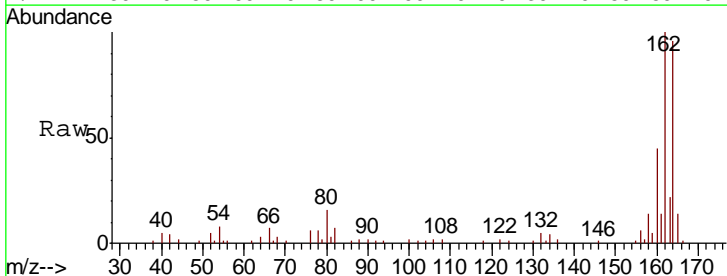
Instrument :
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 ClientSampled :

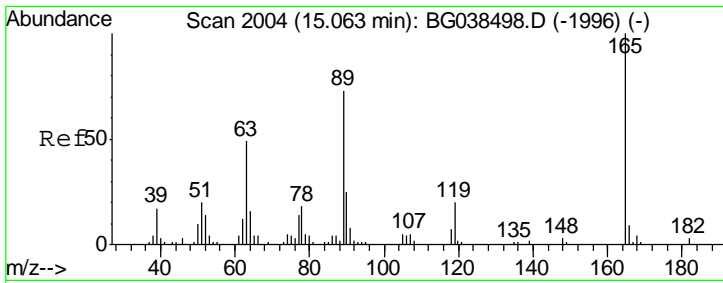
Tgt Ion	Resp	Lower	Upper
163	100		
194	4.2	3.7	5.5
164	10.6	8.6	12.8



#51
 2,6-Dinitrotoluene
 Concen: 7.072 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. 0.41 min
 Lab File: BG038531.D
 Acq: 13 Dec 2018 14:06

Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	0.0	47.9	71.9#

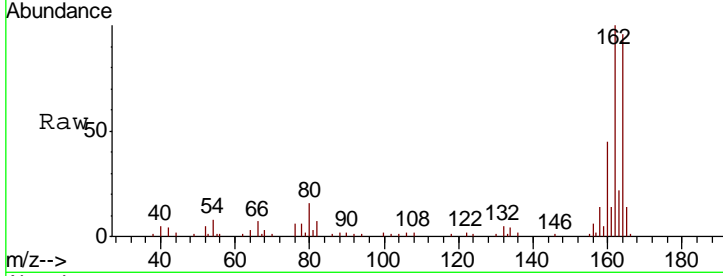




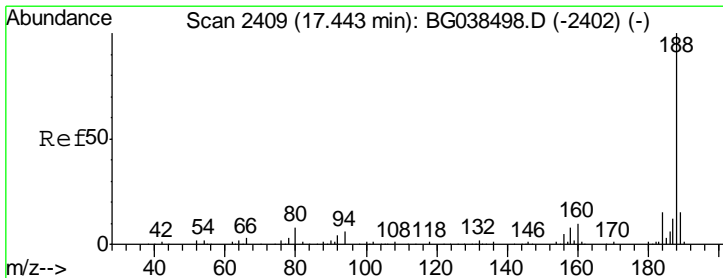
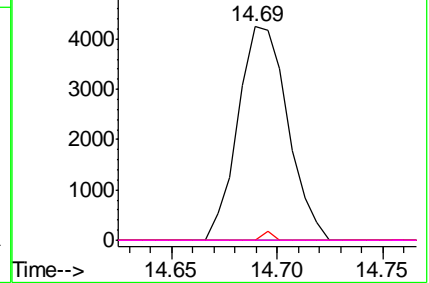
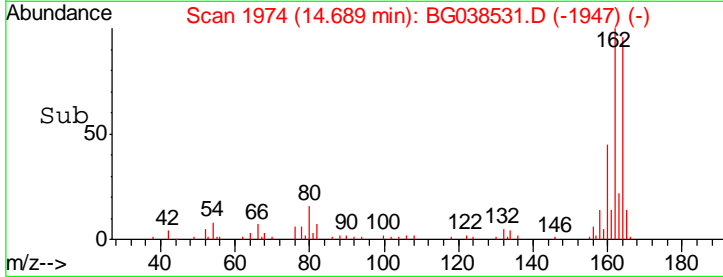
#57
 2,4-Dinitrotoluene
 Concen: 5.021 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.37 min
 Lab File: BG038531.D
 Acq: 13 Dec 2018 14:06

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#

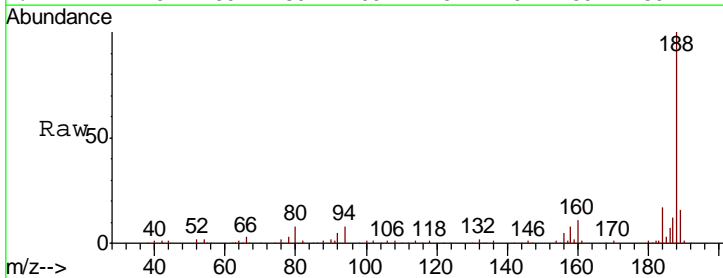


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

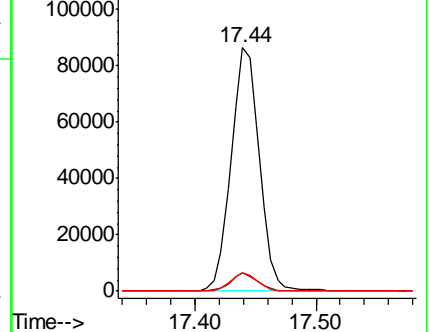
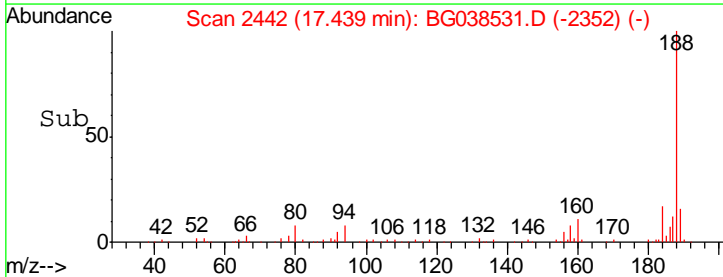


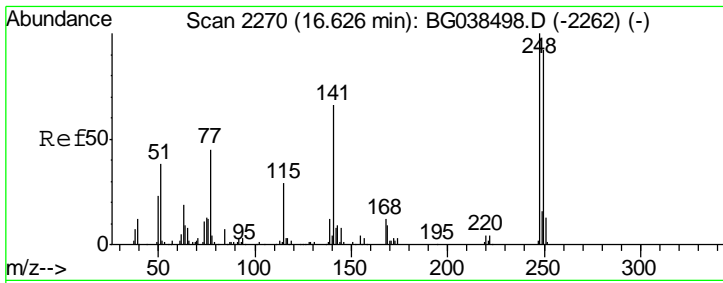
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BG038531.D
 Acq: 13 Dec 2018 14:06

Tgt Ion	Resp	Lower	Upper
188	100		
94	7.5	5.1	7.7
80	7.7	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

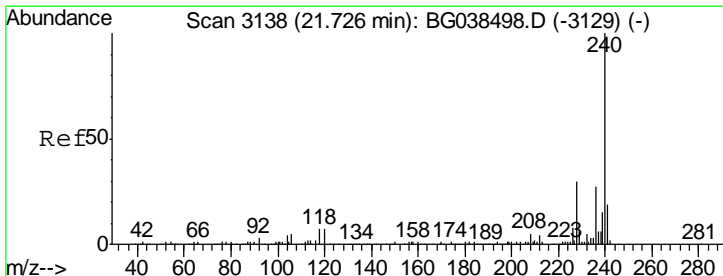
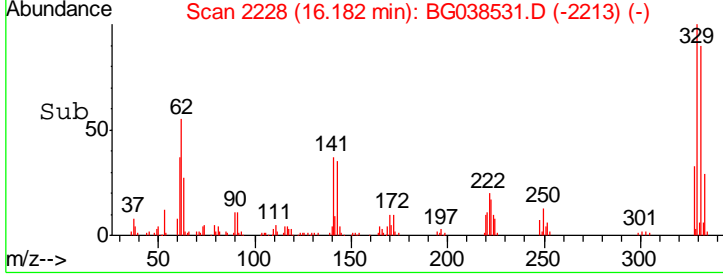
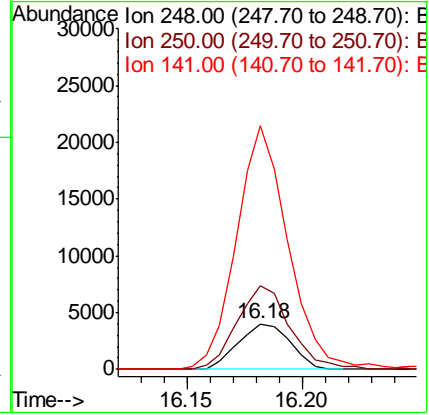
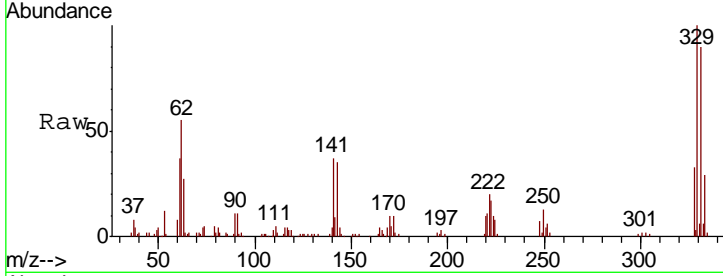




#67
 4-Bromophenyl-phenylether
 Concen: 3.664 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.44 min
 Lab File: BG038531.D
 Acq: 13 Dec 2018 14:06

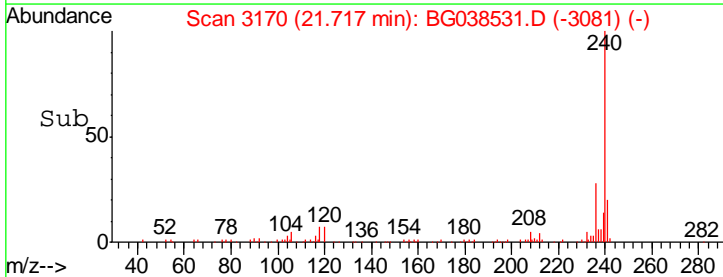
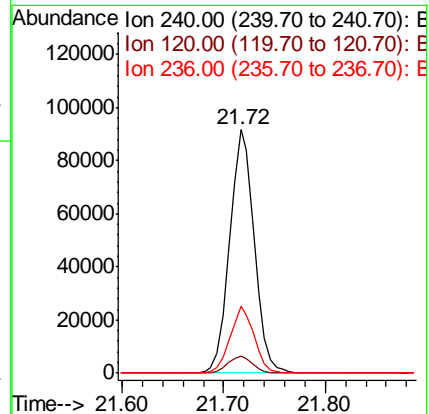
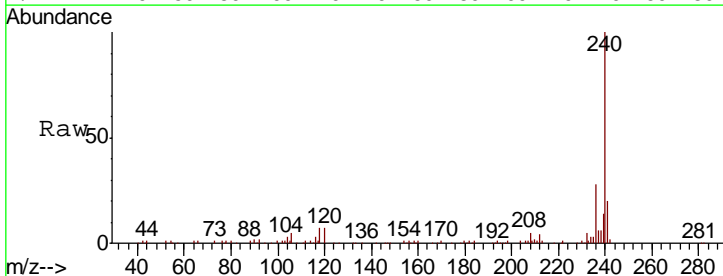
Instrument :
 BNA_G
 ClientSampled :

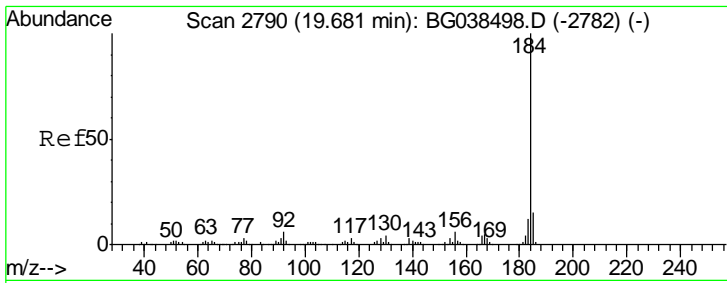
Tgt Ion	Resp	Lower	Upper
248	100		
250	139.1	73.4	110.2#
141	402.4	52.9	79.3#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BG038531.D
 Acq: 13 Dec 2018 14:06

Tgt Ion	Resp	Lower	Upper
240	100		
120	7.0	5.3	7.9
236	27.6	21.4	32.2

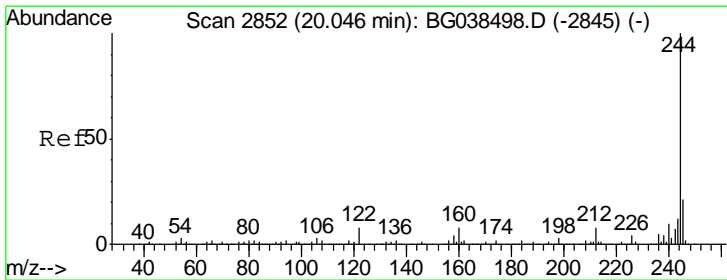
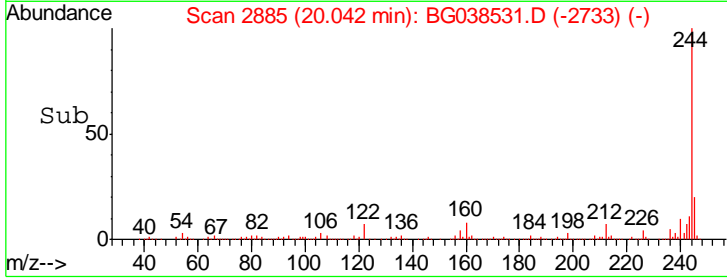
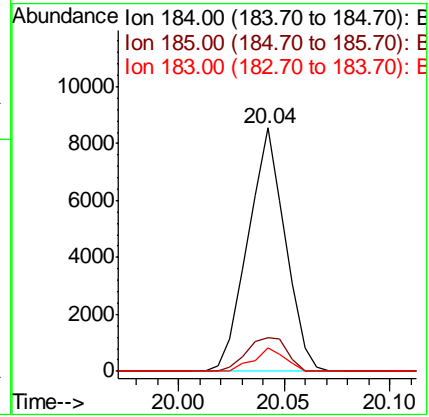
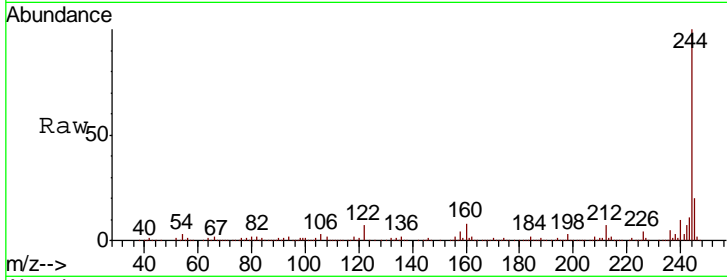




#77
Benzidine
Concen: 2.303 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.36 min
Lab File: BG038531.D
Acq: 13 Dec 2018 14:06

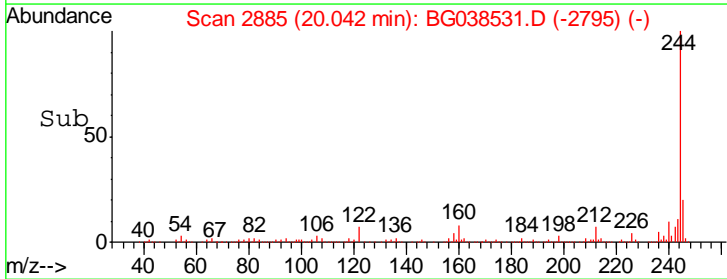
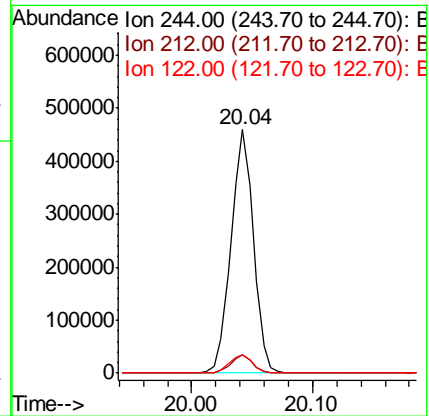
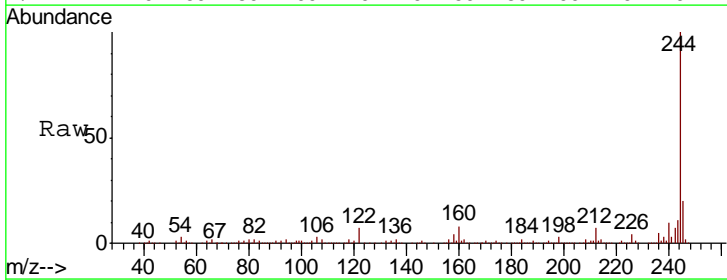
Instrument :
BNA_G
ClientSampled :

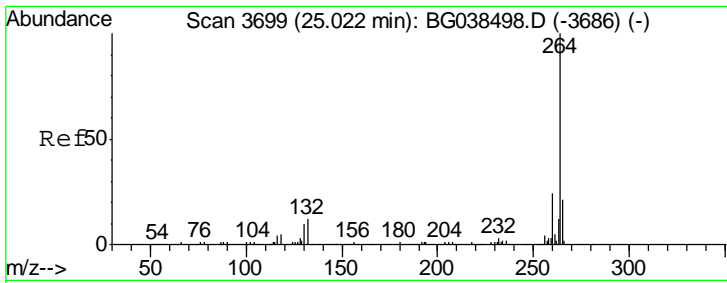
Tgt Ion	Resp	Lower	Upper
184	10466		
185	13.8	12.2	18.2
183	9.6	9.6	14.4



#79
Terphenyl-d14
Concen: 84.075 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.00 min
Lab File: BG038531.D
Acq: 13 Dec 2018 14:06

Tgt Ion	Resp	Lower	Upper
244	593527		
212	7.4	6.2	9.2
122	7.4	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: BG038531.D
 Acq: 13 Dec 2018 14:06

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 264 Resp: 159526

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.9	28.3
265	21.1	17.0	25.4

