

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071718\
 Data File : BG035695.D
 Acq On : 17 Jul 2018 23:08
 Operator : JU/SJ
 Sample : J3997-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-H-D

Quant Time: Jul 18 01:11:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

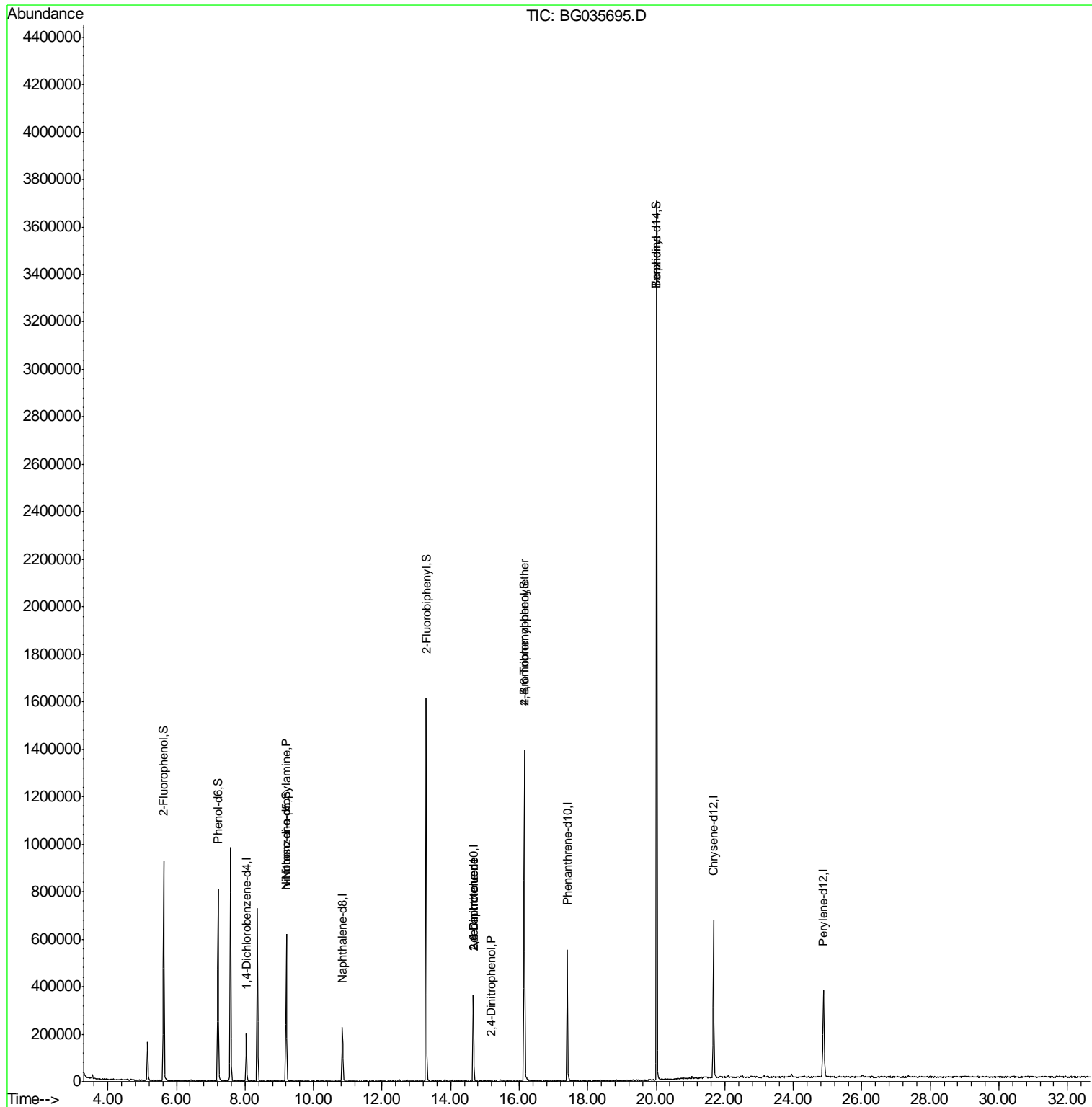
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	54454	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	193350	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	129609	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	360996	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	420461	20.00	ng	-0.02
86) Perylene-d12	24.88	264	406553	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	400588	122.13	ng	0.00
7) Phenol-d6	7.21	99	491739	100.49	ng	0.00
23) Nitrobenzene-d5	9.20	82	423319	91.46	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	253674	148.49	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	879996	90.96	ng	-0.02
78) Terphenyl-d14	20.01	244	1741773	91.31	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	59021	14.323	ng	# 67
50) 2,6-Dinitrotoluene	14.66	165	18392	7.954	ng	# 19
53) 2,4-Dinitrophenol	15.18	184	57	6.626	ng	# 16
56) 2,4-Dinitrotoluene	14.66	165	18392	5.544	ng	# 17
66) 4-Bromophenyl-phenylether	16.15	248	21374	5.103	ng	# 1
76) Benzidine	20.01	184	32552	2.945	ng	# 94

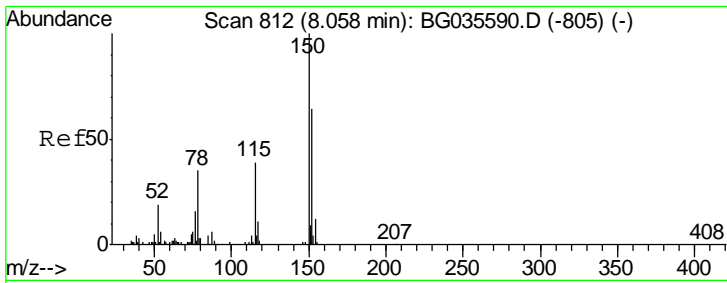
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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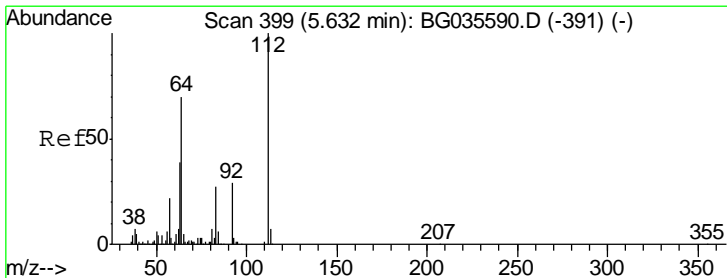
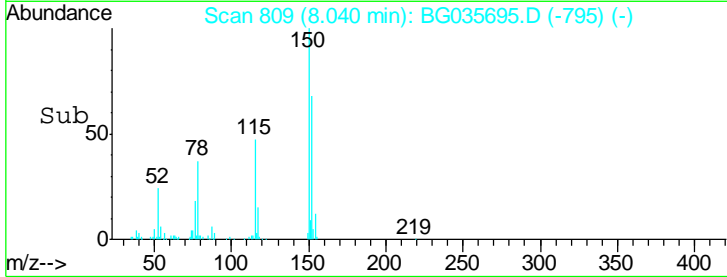
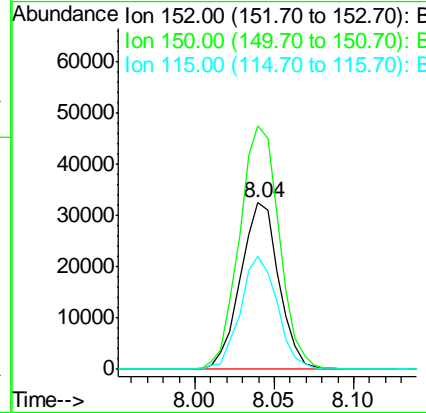
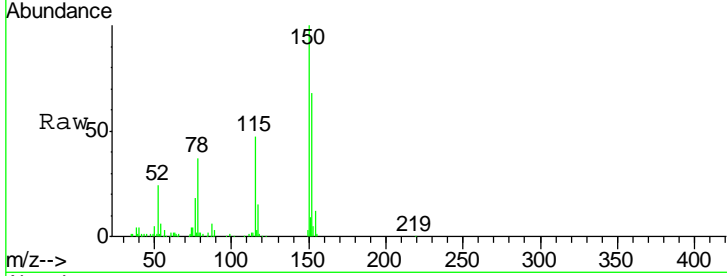




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BG035695.D
 Acq: 17 Jul 2018 23:08

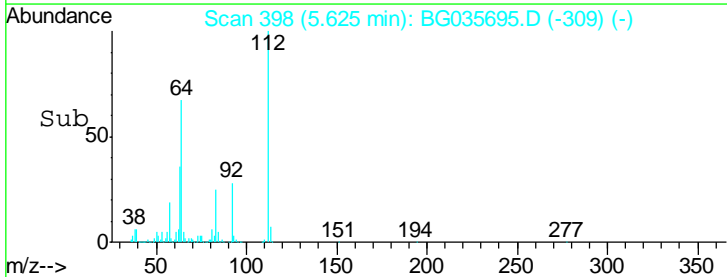
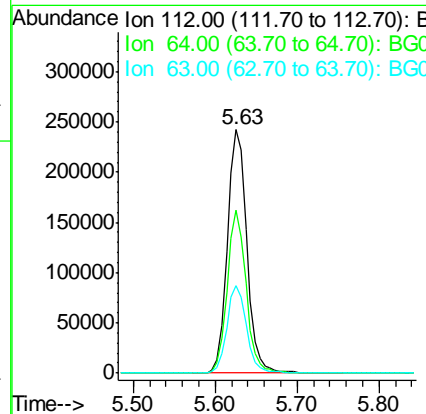
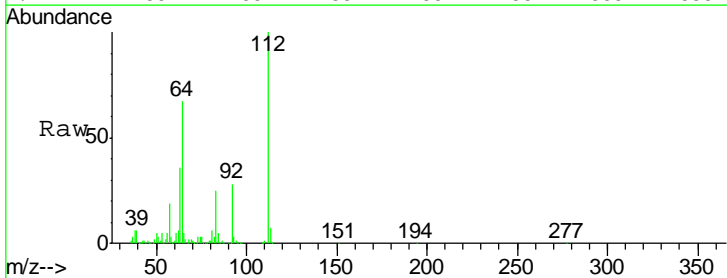
Instrument :
 BNA_G
 ClientSampled :
 TP-H-D

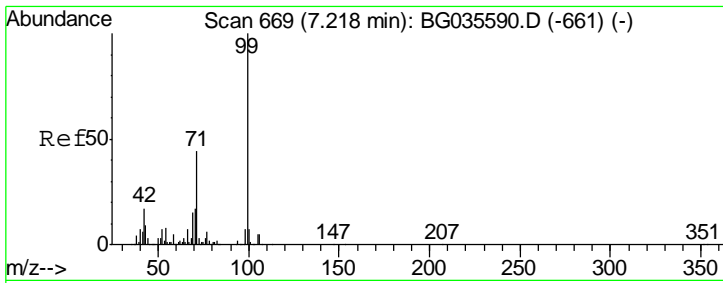
Tgt Ion	Resp	Lower	Upper
152	54454		
150	146.4	126.6	189.8
115	68.1	53.0	79.4



#5
 2-Fluorophenol
 Concen: 122.134 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.01 min
 Lab File: BG035695.D
 Acq: 17 Jul 2018 23:08

Tgt Ion	Resp	Lower	Upper
112	400588		
64	66.7	56.3	84.5
63	36.1	30.1	45.1

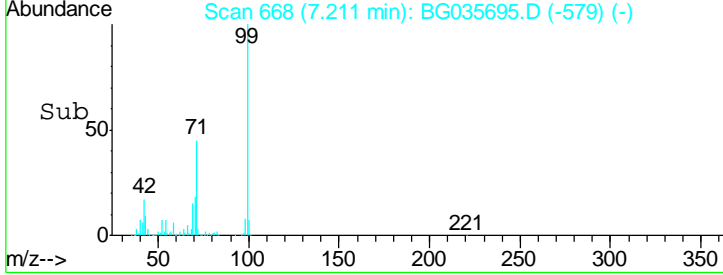
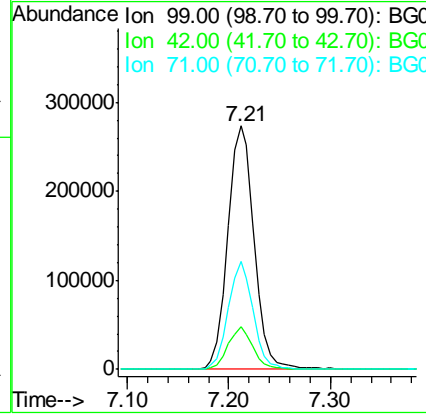
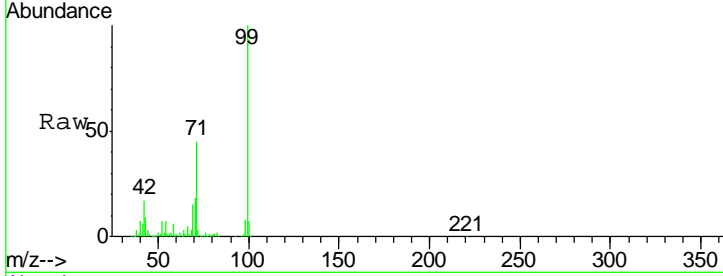




#7
 Phenol-d6
 Concen: 100.487 ng
 RT: 7.21 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BG035695.D
 Acq: 17 Jul 2018 23:08

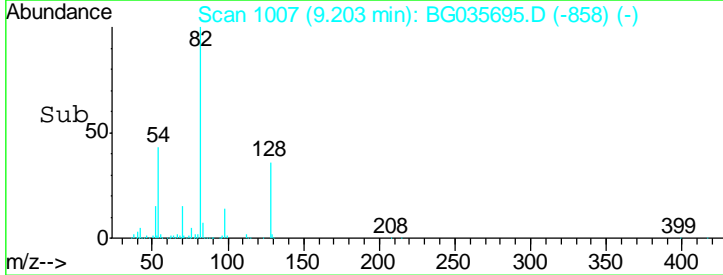
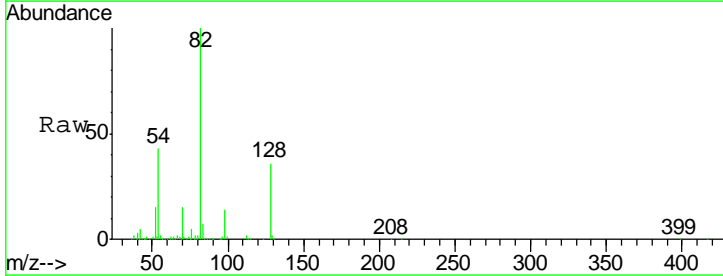
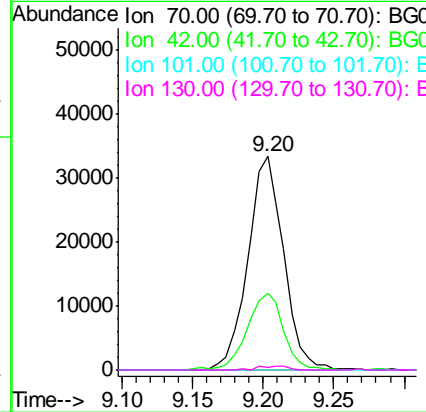
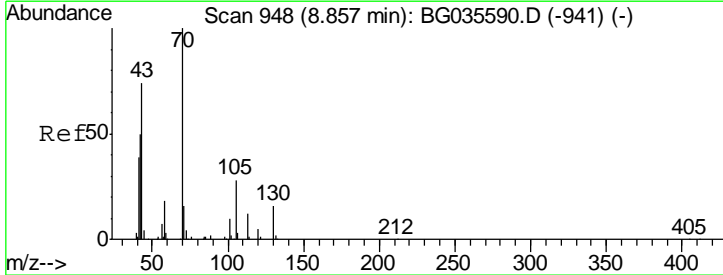
Instrument :
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ClientSampled :
 TP-H-D

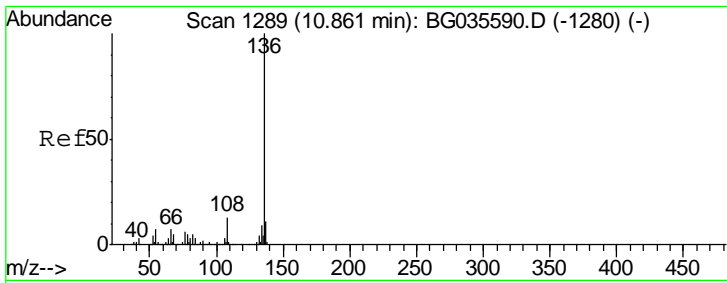
Tgt Ion	Resp	Lower	Upper
99	100		
42	17.3	14.1	21.1
71	44.6	26.1	39.1#



#19
 n-Nitroso-di-n-propylamine
 Concen: 14.323 ng
 RT: 9.20 min Scan# 1007
 Delta R.T. 0.35 min
 Lab File: BG035695.D
 Acq: 17 Jul 2018 23:08

Tgt Ion	Resp	Lower	Upper
70	100		
42	35.9	49.1	73.7#
101	0.0	8.5	12.7#
130	1.5	13.4	20.0#

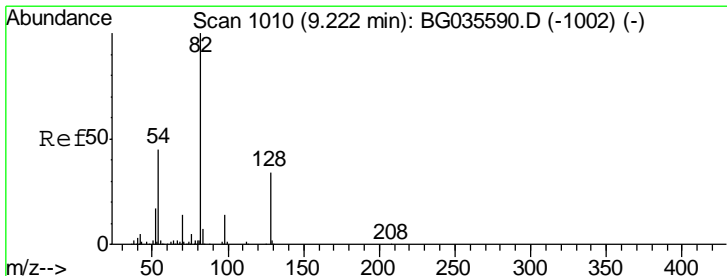
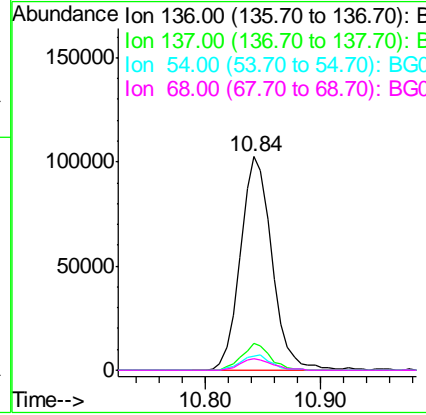
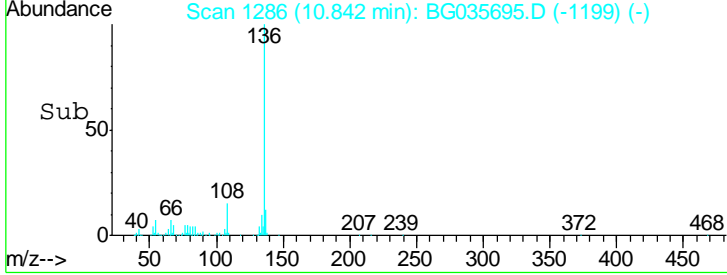
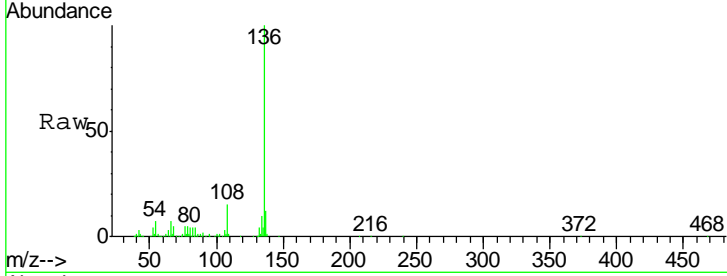




#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.84 min Scan# 1286
 Delta R.T. -0.02 min
 Lab File: BG035695.D
 Acq: 17 Jul 2018 23:08

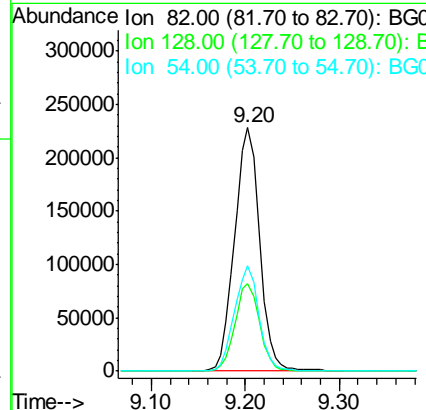
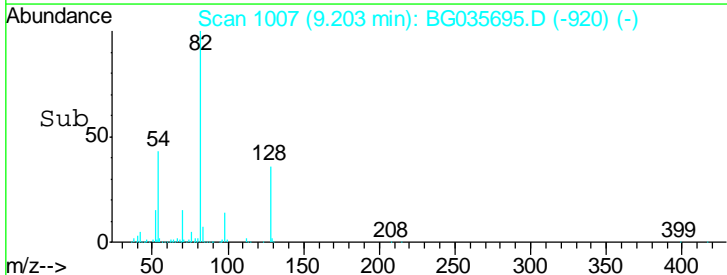
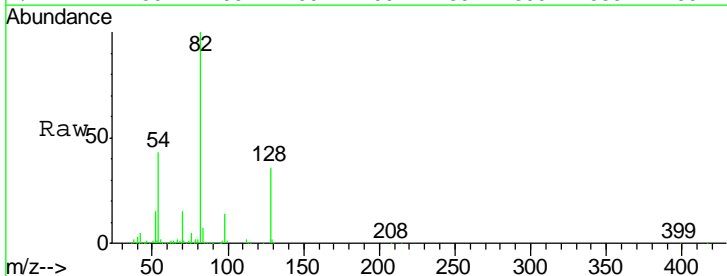
Instrument :
 BNA_G
 ClientSampled :
 TP-H-D

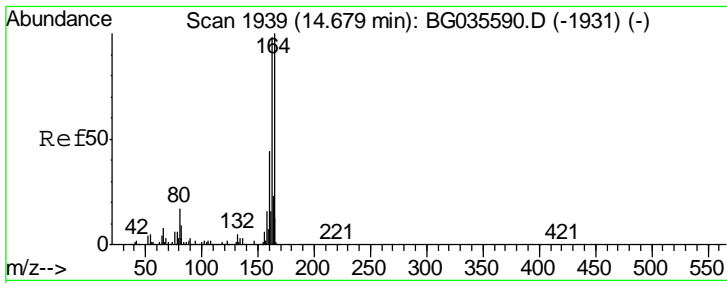
Tgt Ion	Resp	Lower	Upper
136	193350		
137	12.5	9.2	13.8
54	6.5	10.3	15.5#
68	5.2	4.5	6.7



#23
 Nitrobenzene-d5
 Concen: 91.461 ng
 RT: 9.20 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BG035695.D
 Acq: 17 Jul 2018 23:08

Tgt Ion	Resp	Lower	Upper
82	423319		
128	36.0	29.7	44.5
54	43.3	43.1	64.7

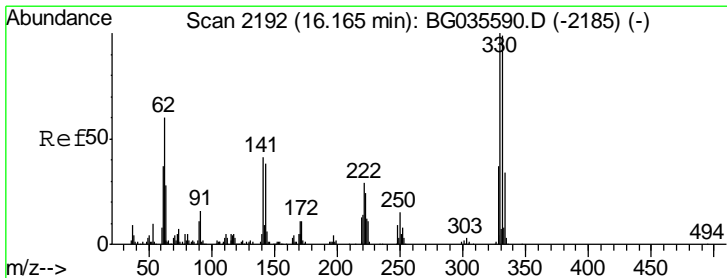
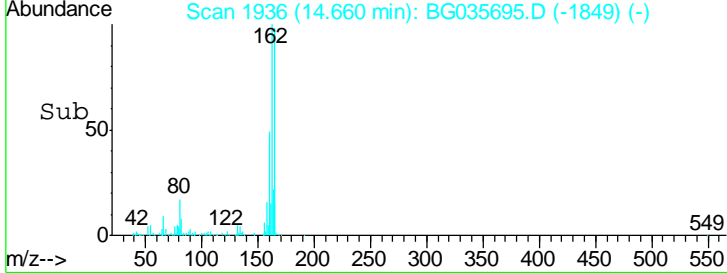
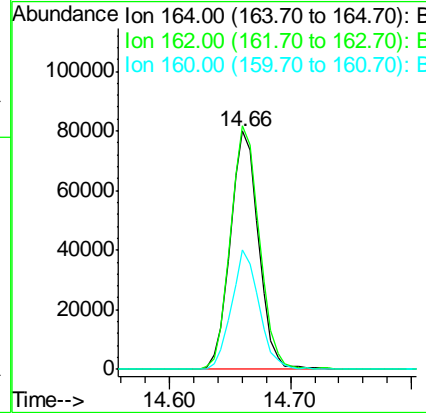
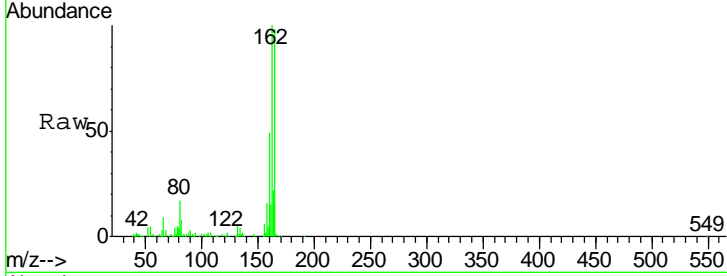




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.02 min
 Lab File: BG035695.D
 Acq: 17 Jul 2018 23:08

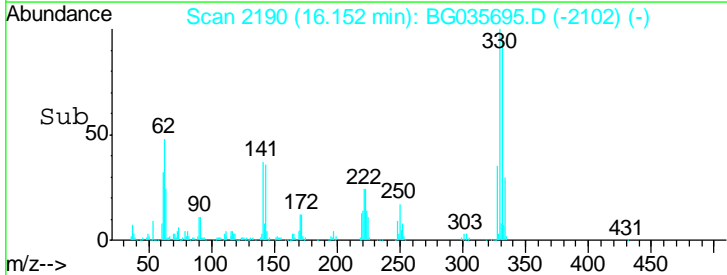
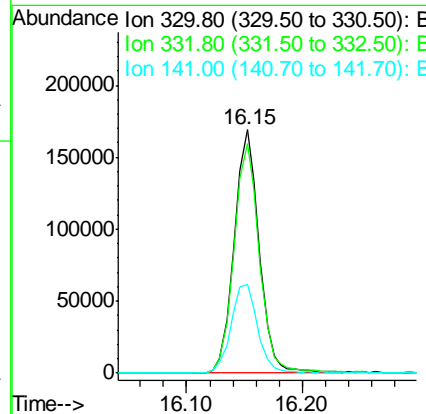
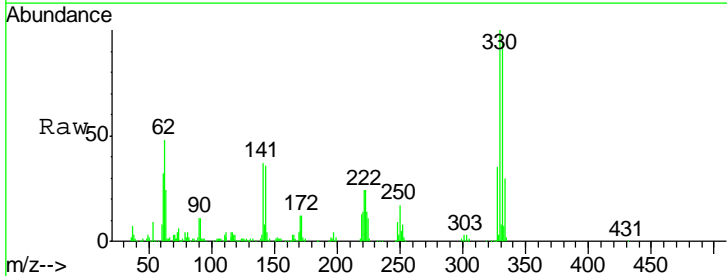
Instrument :
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 ClientSampled :
 TP-H-D

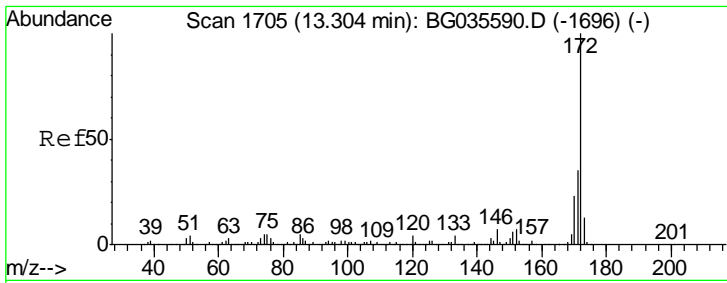
Tgt Ion	Resp	Lower	Upper
164	129609		
162	102.2	78.8	118.2
160	50.1	35.4	53.0



#41
 2,4,6-Tribromophenol
 Concen: 148.492 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG035695.D
 Acq: 17 Jul 2018 23:08

Tgt Ion	Resp	Lower	Upper
330	253674		
332	95.9	77.0	115.6
141	39.4	25.2	37.8#

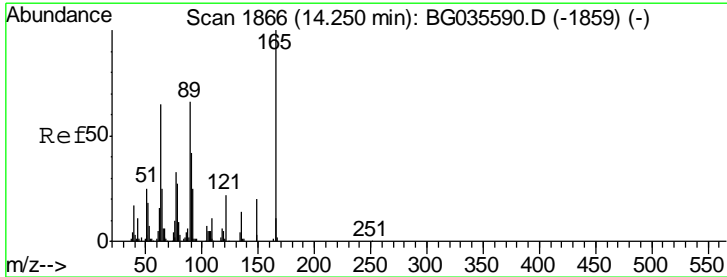
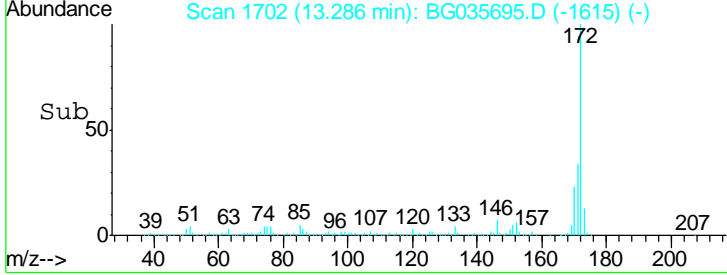
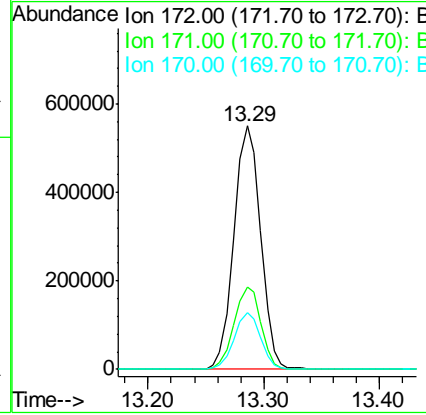
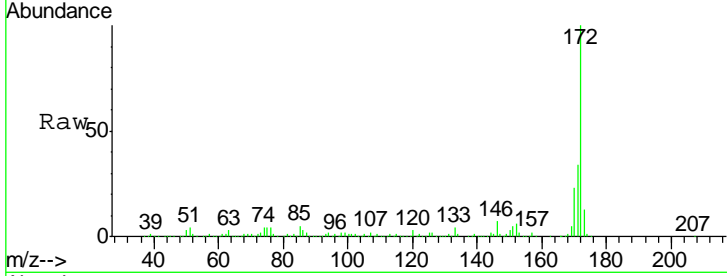




#44
 2-Fluorobiphenyl
 Concen: 90.963 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.02 min
 Lab File: BG035695.D
 Acq: 17 Jul 2018 23:08

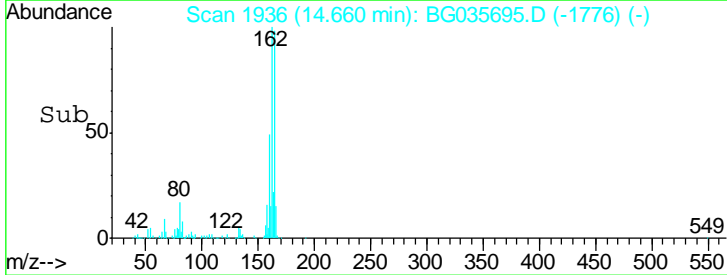
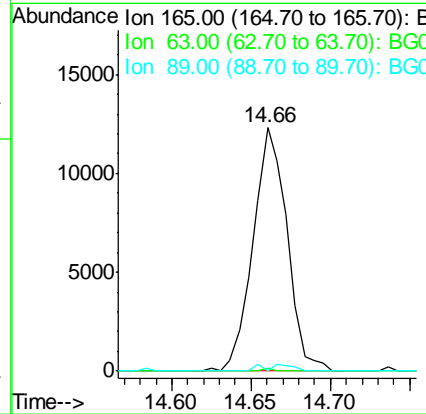
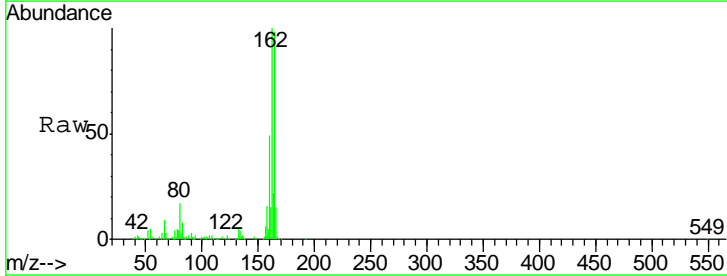
Instrument :
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 ClientSampled :
 TP-H-D

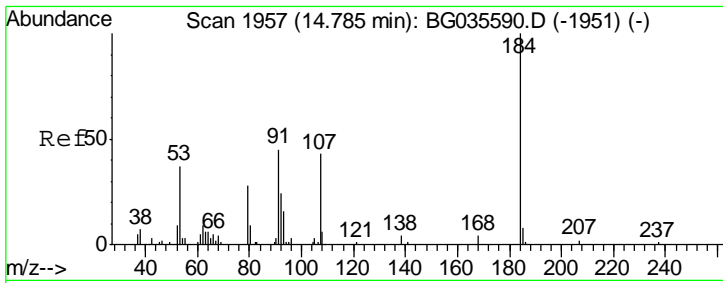
Tgt Ion	Resp	Lower	Upper
172	100		
171	33.8	30.0	45.0
170	23.3	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.954 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. 0.41 min
 Lab File: BG035695.D
 Acq: 17 Jul 2018 23:08

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.3	52.7	79.1#
89	0.0	49.2	73.8#

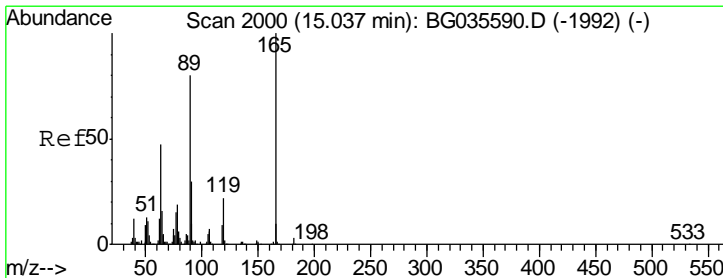
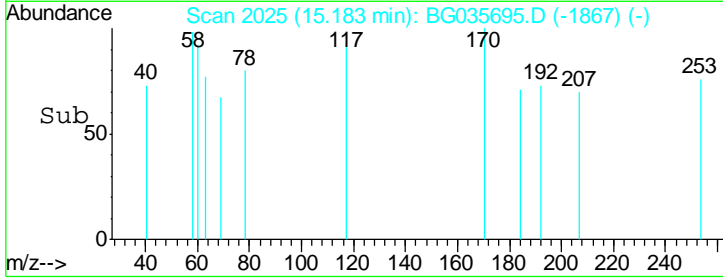
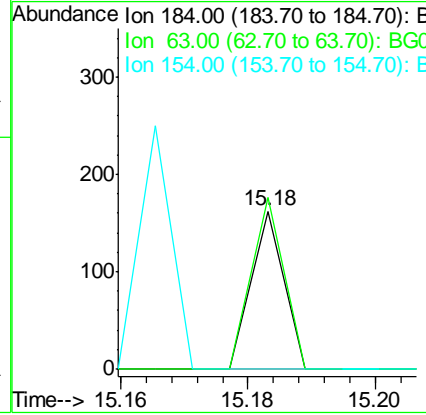
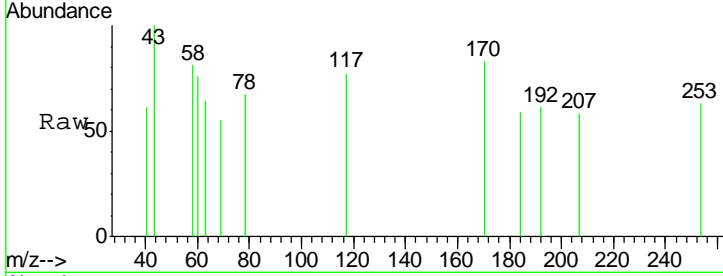




#53
 2,4-Dinitrophenol
 Concen: 6.626 ng
 RT: 15.18 min Scan# 2025
 Delta R.T. 0.40 min
 Lab File: BG035695.D
 Acq: 17 Jul 2018 23:08

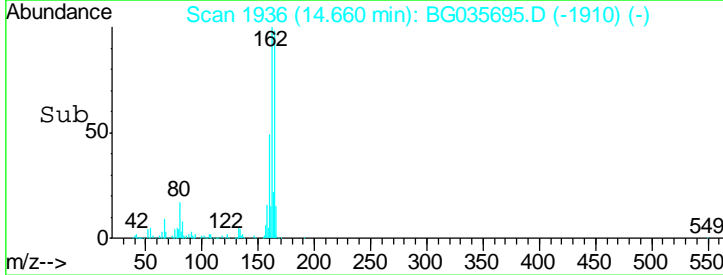
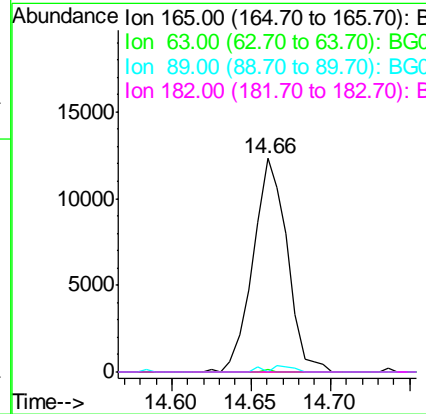
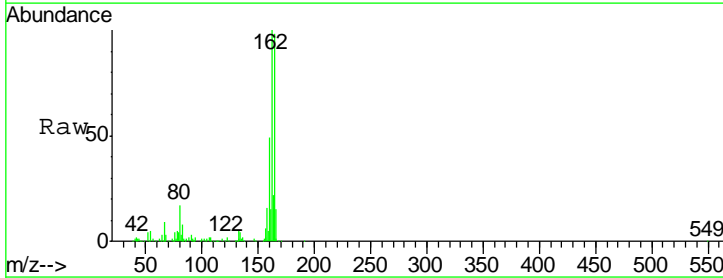
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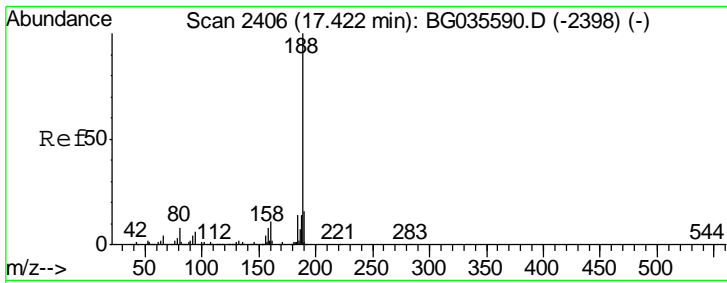
Tgt Ion	Resp	Lower	Upper
184	100		
63	108.6	59.8	89.8#
154	0.0	101.8	152.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.544 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.38 min
 Lab File: BG035695.D
 Acq: 17 Jul 2018 23:08

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.3	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

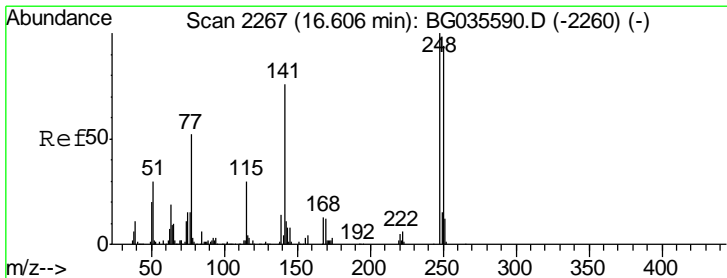
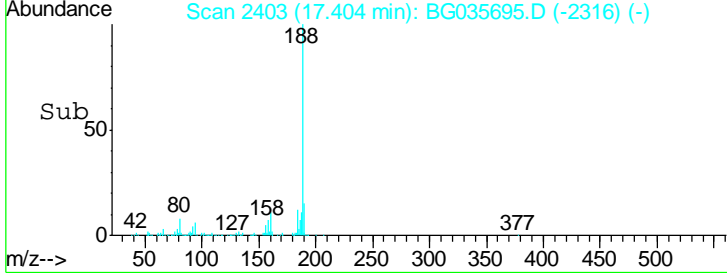
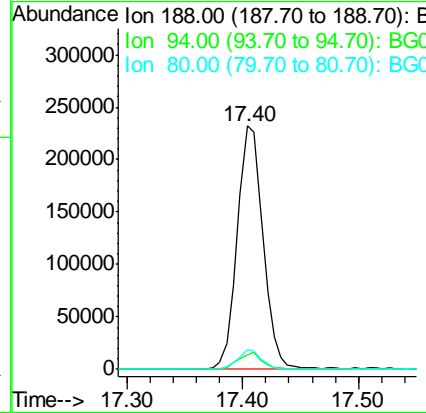
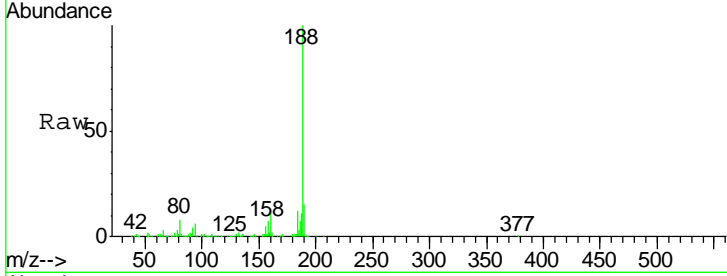




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2403
 Delta R.T. -0.02 min
 Lab File: BG035695.D
 Acq: 17 Jul 2018 23:08

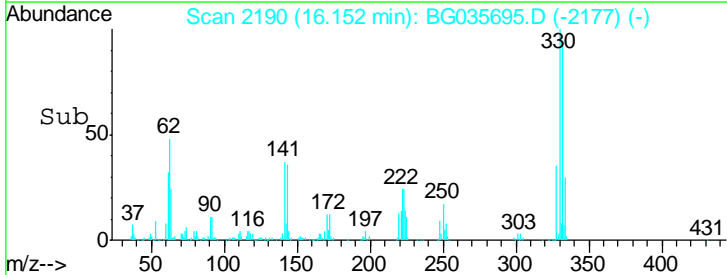
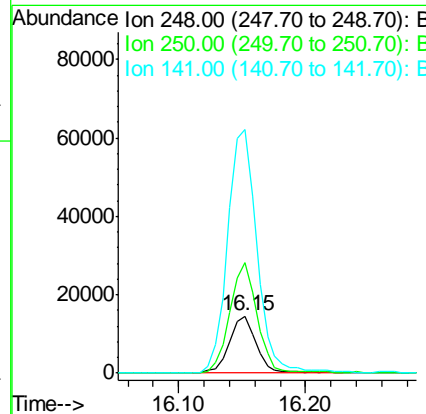
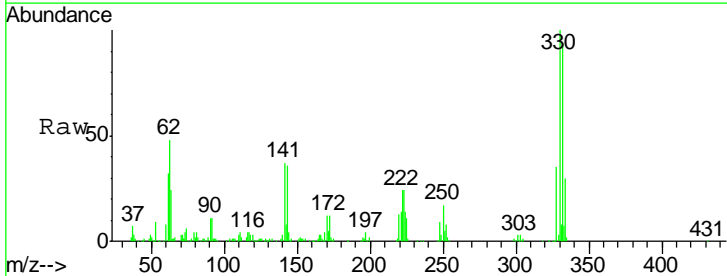
Instrument :
 BNA_G
 ClientSampled :
 TP-H-D

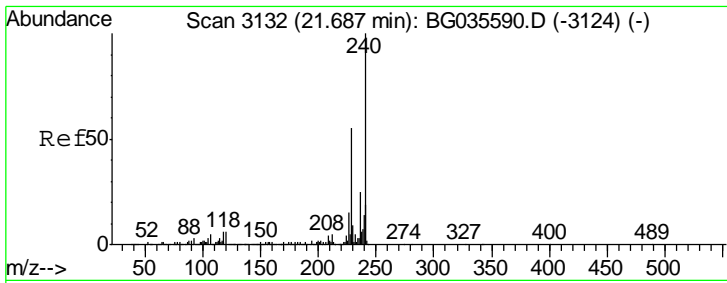
Tgt Ion	Resp	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	7.9	7.7	11.5



#66
 4-Bromophenyl-phenylether
 Concen: 5.103 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.45 min
 Lab File: BG035695.D
 Acq: 17 Jul 2018 23:08

Tgt Ion	Resp	Lower	Upper
248	100		
250	194.1	77.1	115.7#
141	428.3	50.8	76.2#

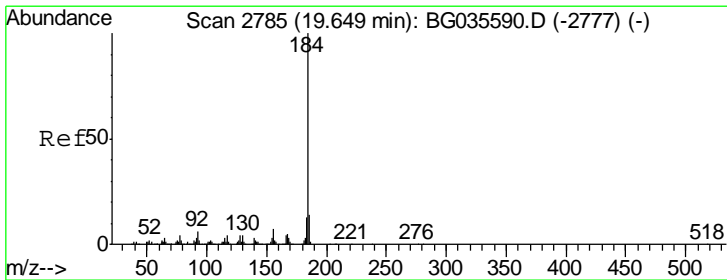
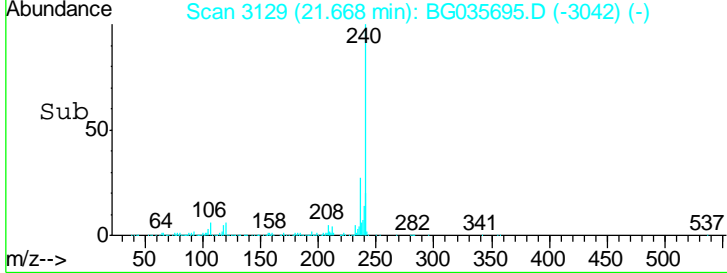
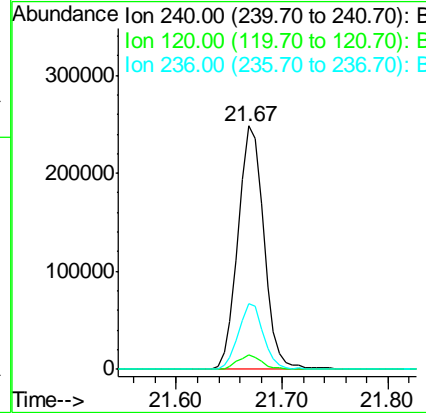
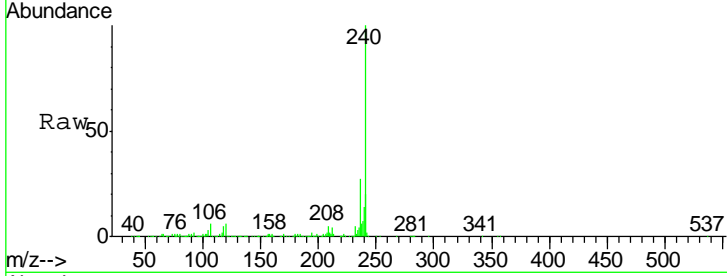




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3129
 Delta R.T. -0.02 min
 Lab File: BG035695.D
 Acq: 17 Jul 2018 23:08

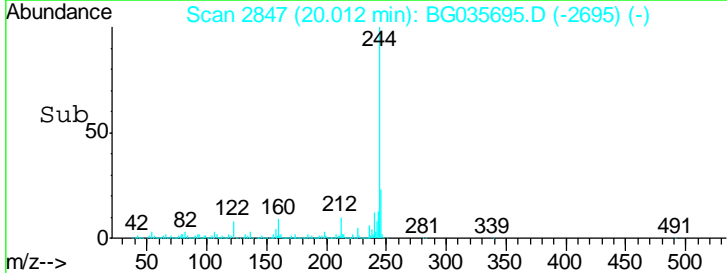
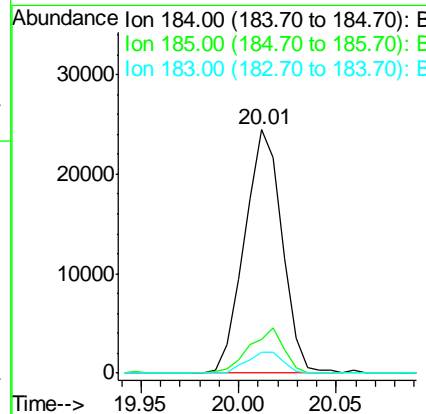
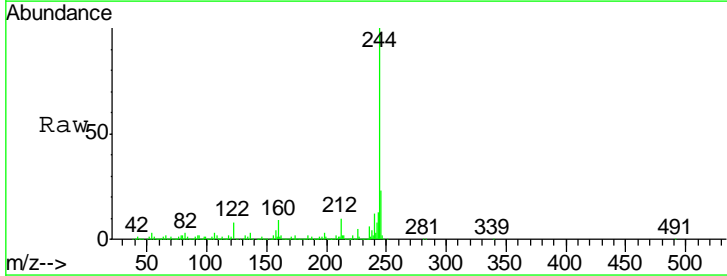
Instrument :
 BNA_G
 ClientSampled :
 TP-H-D

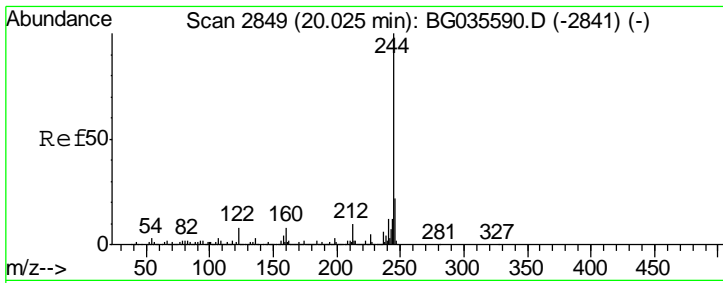
Tgt Ion	Resp	Lower	Upper
240	100		
120	6.1	6.8	10.2#
236	27.2	20.9	31.3



#76
 Benzidine
 Concen: 2.945 ng
 RT: 20.01 min Scan# 2847
 Delta R.T. 0.36 min
 Lab File: BG035695.D
 Acq: 17 Jul 2018 23:08

Tgt Ion	Resp	Lower	Upper
184	100		
185	13.8	11.1	16.7
183	8.4	10.6	16.0#



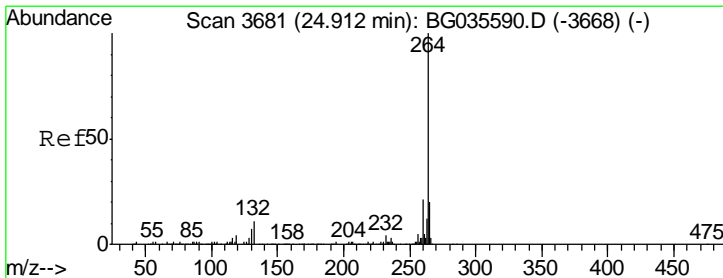
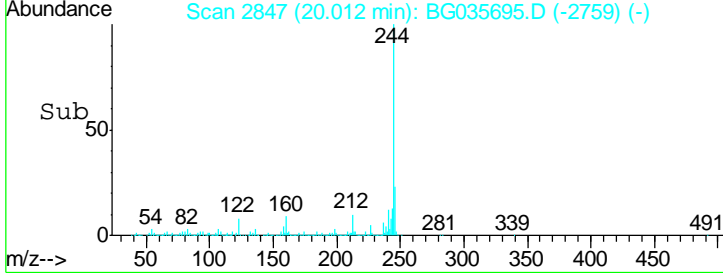
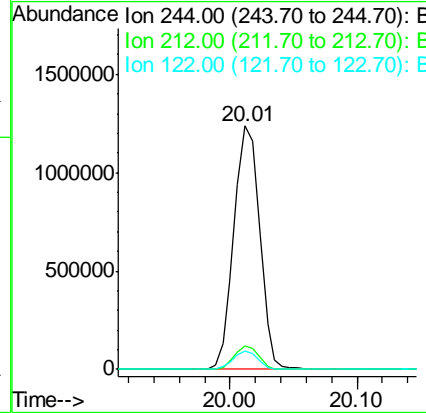
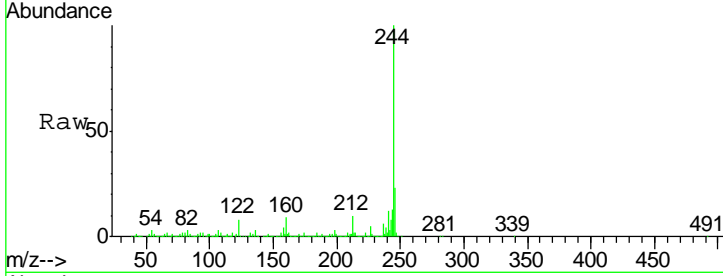


#78
 Terphenyl-d14
 Concen: 91.314 ng
 RT: 20.01 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BG035695.D
 Acq: 17 Jul 2018 23:08

Instrument :
 BNA_G
 ClientSampled :
 TP-H-D

Tgt Ion: 244 Resp: 1741773

Ion	Ratio	Lower	Upper
244	100		
212	9.6	5.8	8.8#
122	7.7	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3676
 Delta R.T. -0.03 min
 Lab File: BG035695.D
 Acq: 17 Jul 2018 23:08

Tgt Ion: 264 Resp: 406553

Ion	Ratio	Lower	Upper
264	100		
260	25.5	17.4	26.0
265	21.8	17.7	26.5

