

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121318\
 Data File : BG038541.D
 Acq On : 13 Dec 2018 20:42
 Operator : JU/SJ
 Sample : J6340-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TWP-01

Quant Time: Dec 13 22:36:51 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

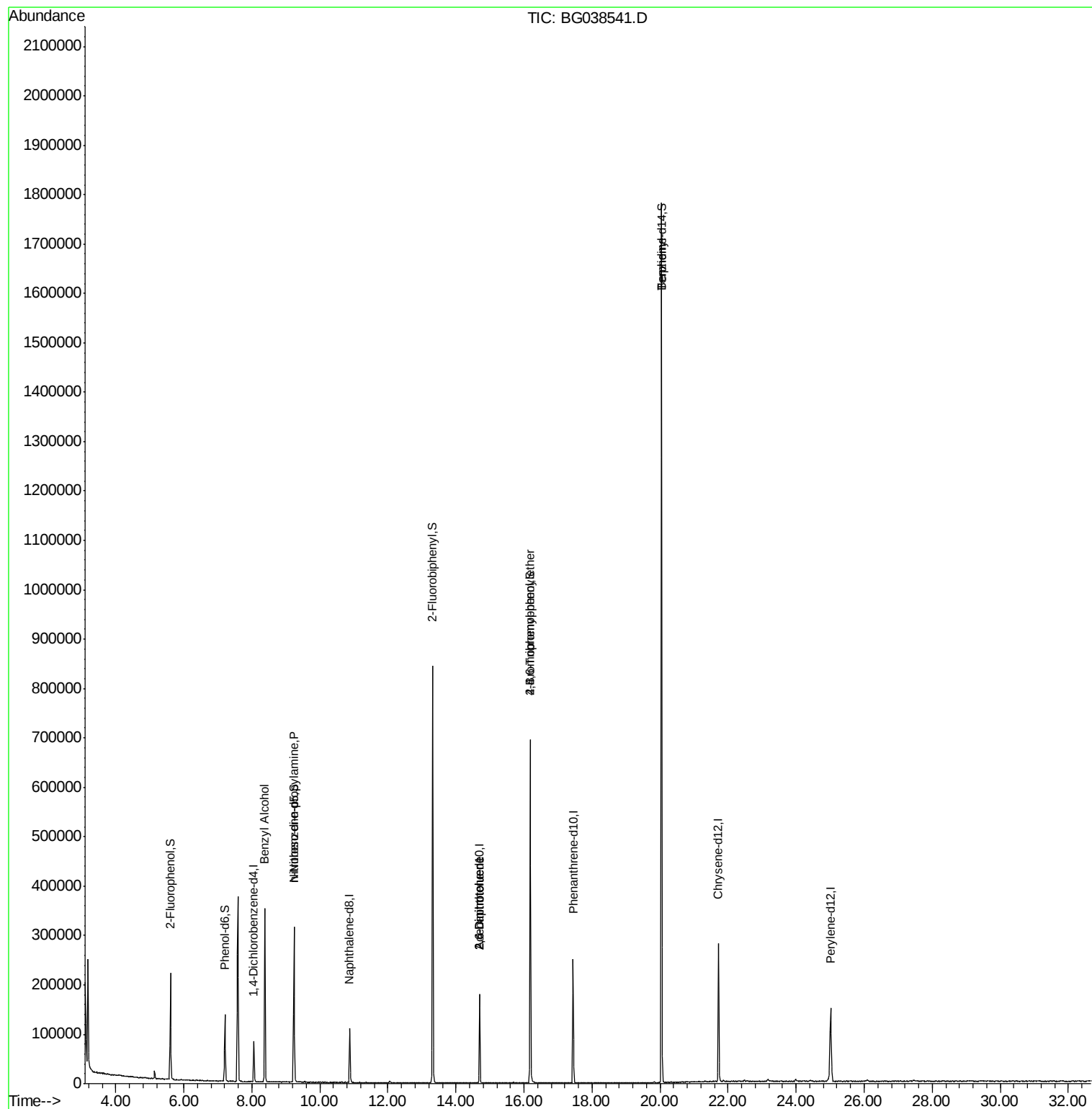
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23526	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	97631	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	64781	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	168787	20.00	ng	0.00
76) Chrysene-d12	21.72	240	174613	20.00	ng	0.00
87) Perylene-d12	25.01	264	182975	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	93586	70.56	ng	0.00
7) Phenol-d6	7.20	99	77965	42.82	ng	0.00
23) Nitrobenzene-d5	9.24	82	186699	97.69	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	133378	149.39	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	449367	95.16	ng	0.00
79) Terphenyl-d14	20.04	244	874387	108.98	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.38	79	3044	2.142	ng	# 48
19) n-Nitroso-di-n-propylamine	9.24	70	25698	20.094	ng	# 68
51) 2,6-Dinitrotoluene	14.69	165	8268	6.897	ng	# 21
57) 2,4-Dinitrotoluene	14.69	165	8268	4.897	ng	# 23
67) 4-Bromophenyl-phenylether	16.19	248	8627	4.185	ng	# 1
77) Benzidine	20.04	184	15288	2.960	ng	# 93

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

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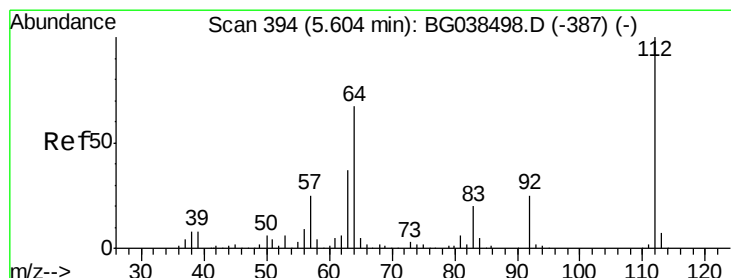
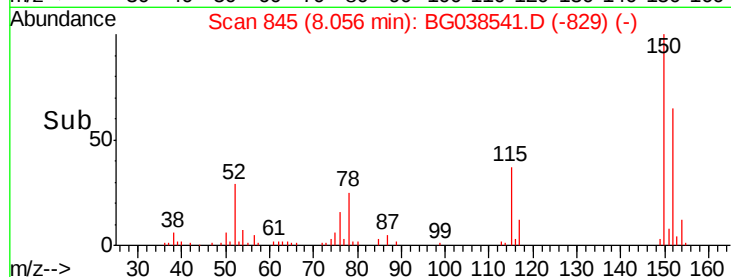
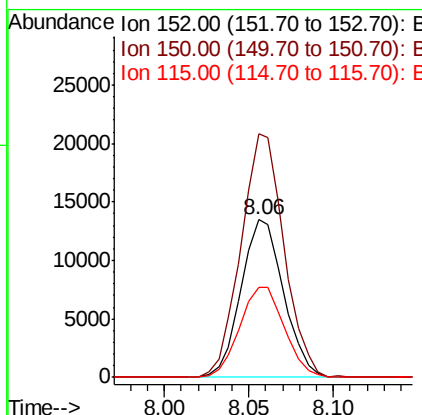
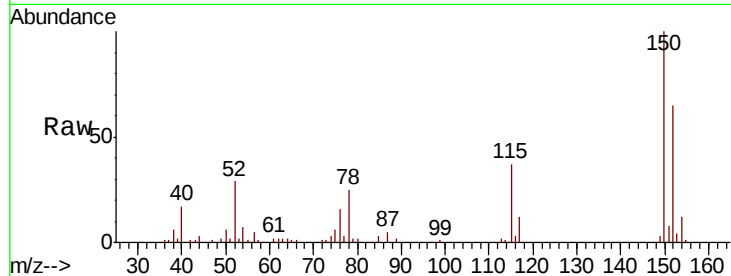




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BG038541.D
 Acq: 13 Dec 2018 20:42

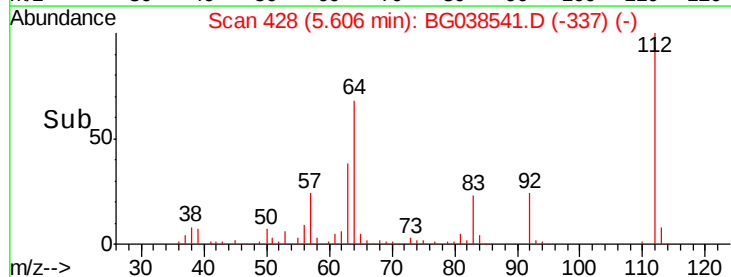
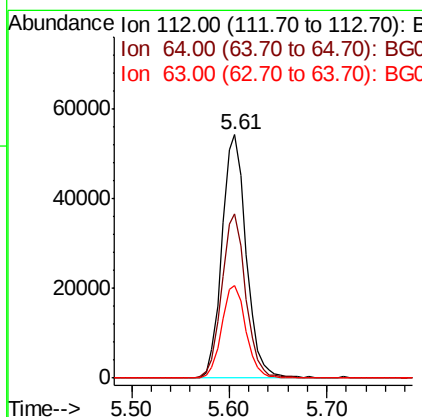
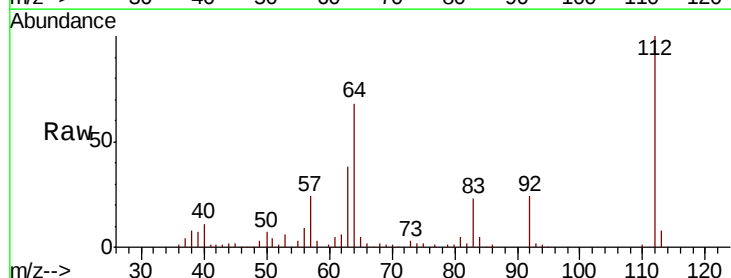
Instrument :
 BNA_G
 ClientSampleId :
 TWP-01

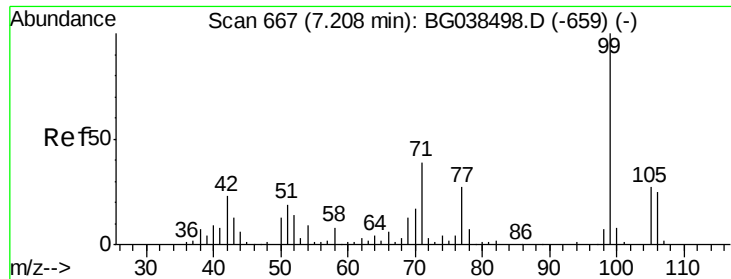
Tgt Ion:152 Resp: 23526
 Ion Ratio Lower Upper
 152 100
 150 154.4 119.5 179.3
 115 57.0 49.6 74.4



#5
 2-Fluorophenol
 Concen: 70.556 ng
 RT: 5.61 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BG038541.D
 Acq: 13 Dec 2018 20:42

Tgt Ion:112 Resp: 93586
 Ion Ratio Lower Upper
 112 100
 64 67.6 53.4 80.2
 63 38.2 29.3 43.9





#7

Phenol-d6

Concen: 42.816 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038541.D

Acq: 13 Dec 2018 20:42

Instrument :

BNA_G

ClientSampled :

TWP-01

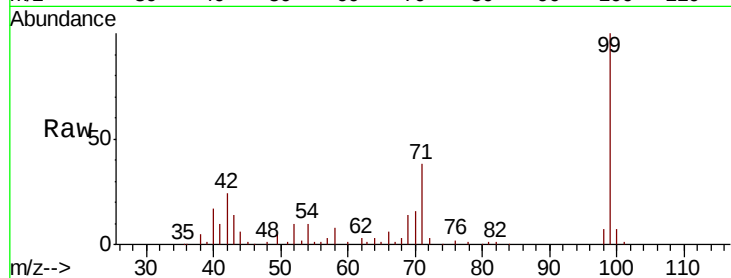
Tgt Ion: 99 Resp: 77965

Ion Ratio Lower Upper

99 100

42 23.6 18.5 27.7

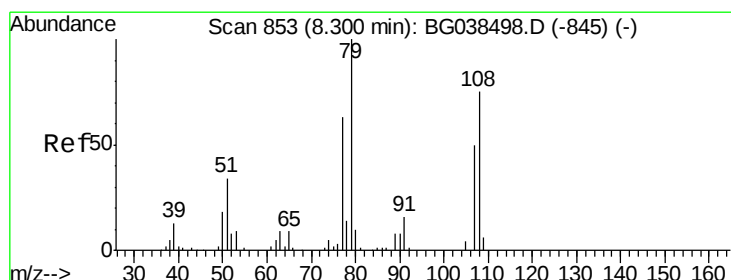
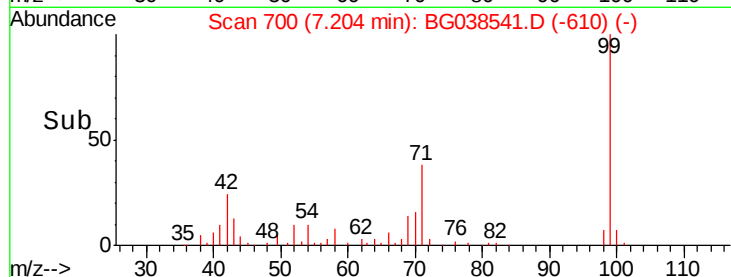
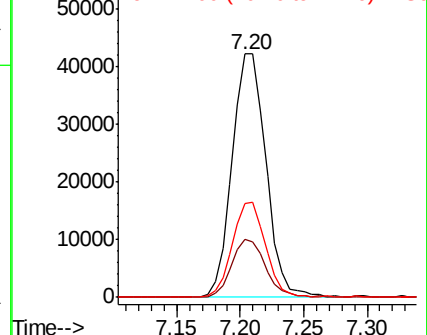
71 38.5 31.1 46.7



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#15

Benzyl Alcohol

Concen: 2.142 ng

RT: 8.38 min Scan# 900

Delta R.T. 0.08 min

Lab File: BG038541.D

Acq: 13 Dec 2018 20:42

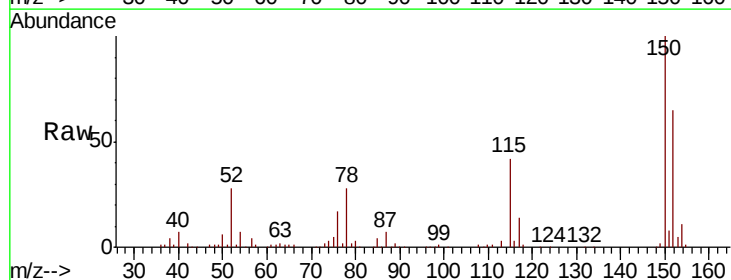
Tgt Ion: 79 Resp: 3044

Ion Ratio Lower Upper

79 100

108 32.8 60.2 90.4#

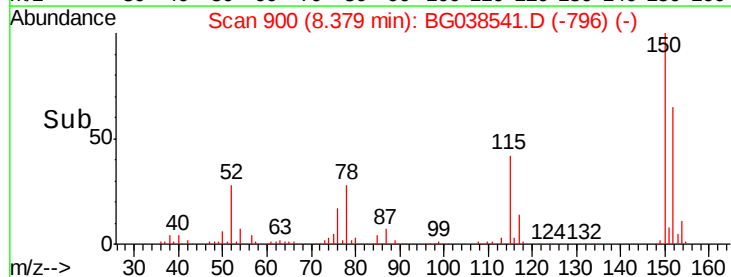
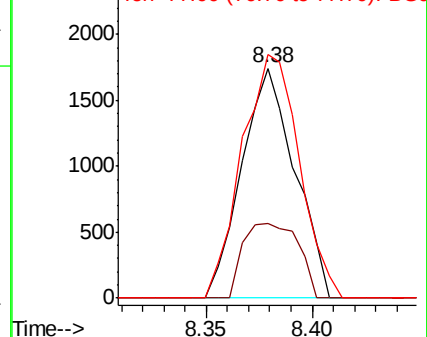
77 106.0 50.7 76.1#

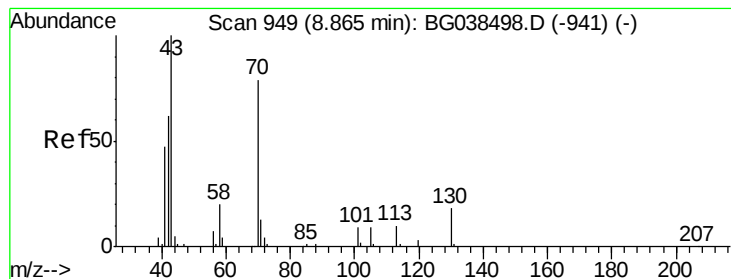


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 20.094 ng

RT: 9.24 min Scan# 1046

Delta R.T. 0.37 min

Lab File: BG038541.D

Acq: 13 Dec 2018 20:42

Instrument :

BNA_G

ClientSampleId :

TWP-01

Tgt Ion: 70 Resp: 25698

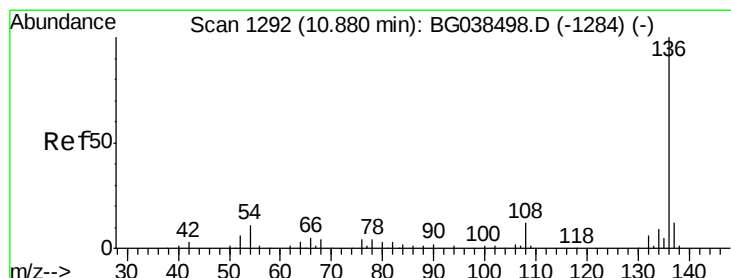
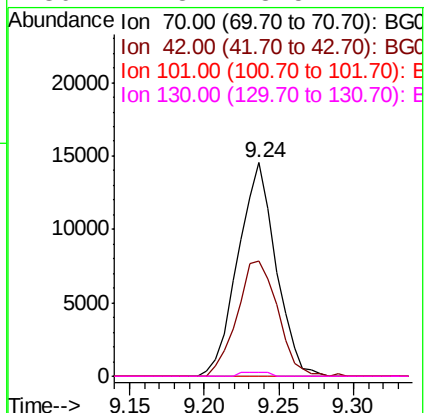
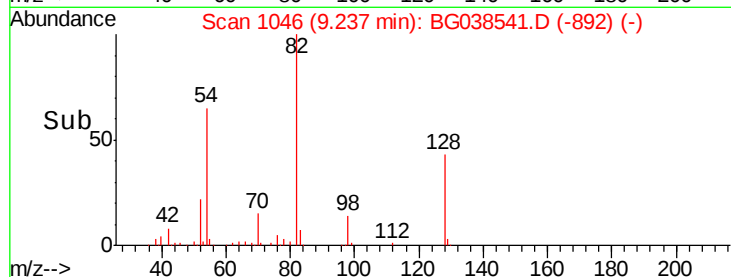
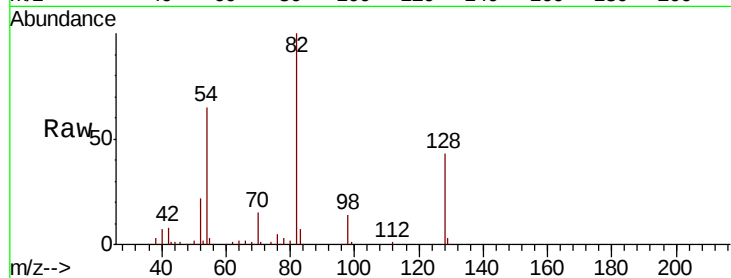
Ion Ratio Lower Upper

70 100

42 53.8 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: BG038541.D

Acq: 13 Dec 2018 20:42

Tgt Ion: 136 Resp: 97631

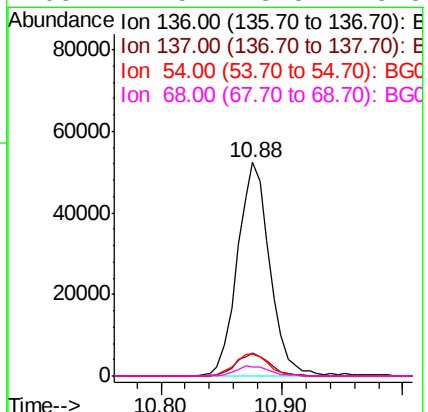
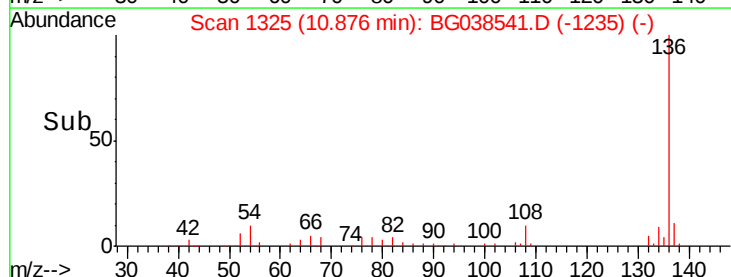
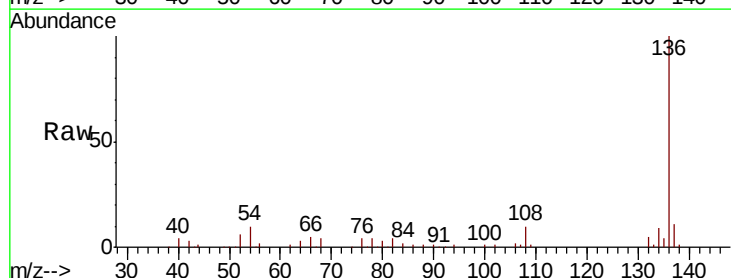
Ion Ratio Lower Upper

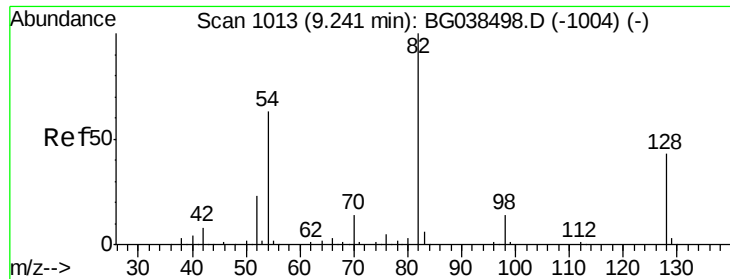
136 100

137 11.0 9.3 13.9

54 10.4 8.5 12.7

68 4.5 3.5 5.3

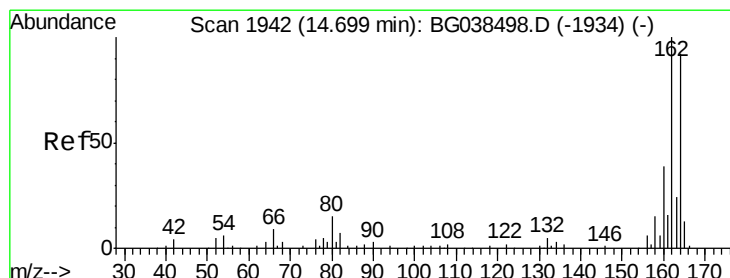
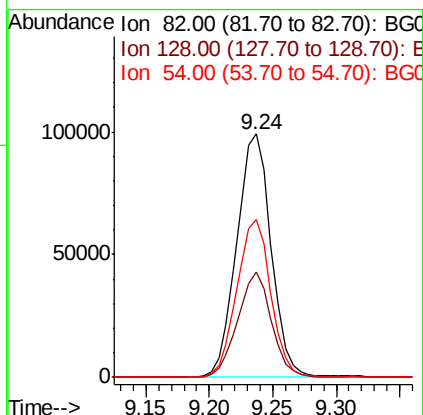
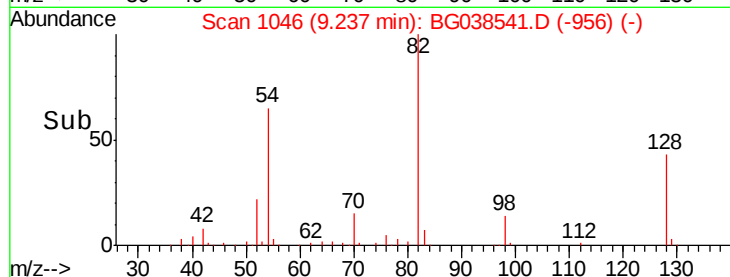
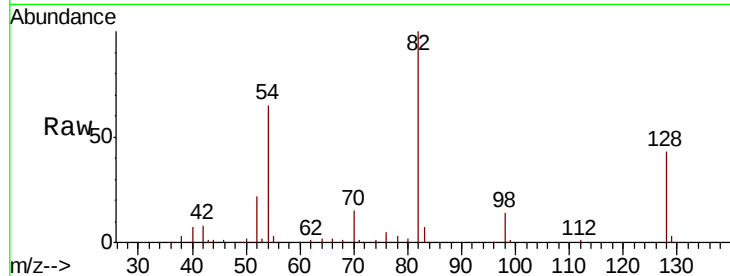




#23
 Nitrobenzene-d5
 Concen: 97.694 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG038541.D
 Acq: 13 Dec 2018 20:42

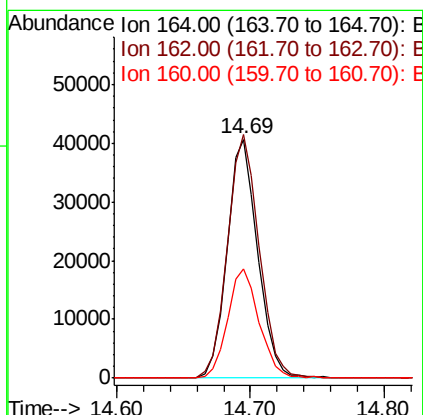
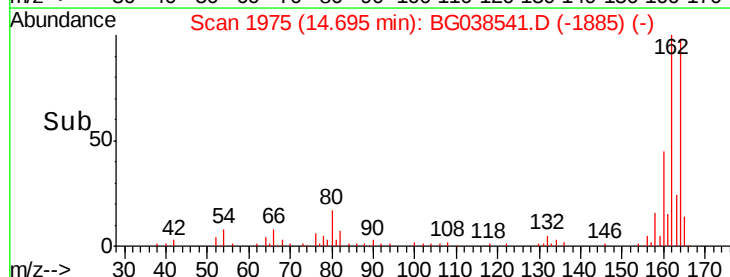
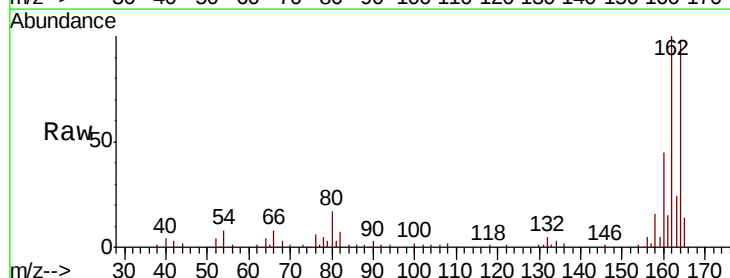
Instrument :
 BNA_G
 ClientSampleId :
 TWP-01

Tgt Ion: 82 Resp: 186699
 Ion Ratio Lower Upper
 82 100
 128 43.4 34.6 52.0
 54 65.0 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: BG038541.D
 Acq: 13 Dec 2018 20:42

Tgt Ion: 164 Resp: 64781
 Ion Ratio Lower Upper
 164 100
 162 102.0 86.6 130.0
 160 45.7 34.2 51.2

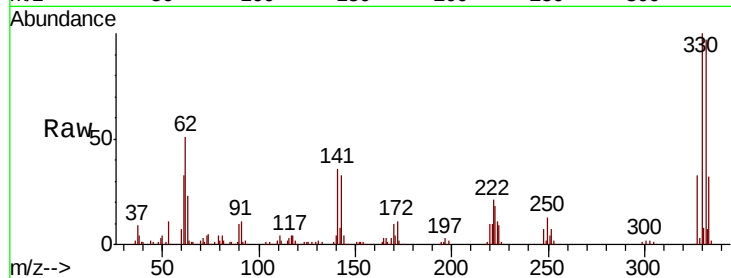




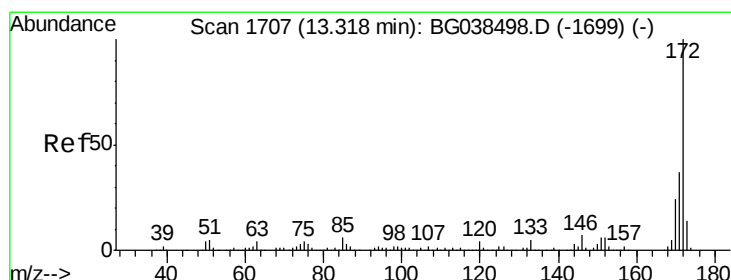
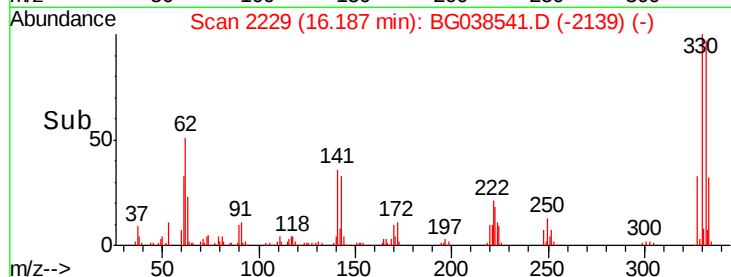
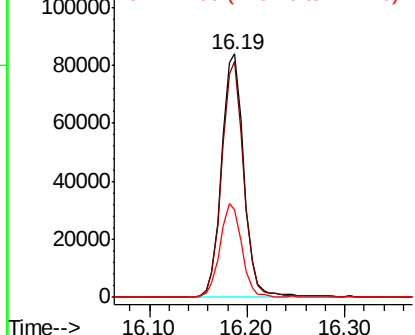
#42
 2,4,6-Tribromophenol
 Concen: 149.393 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG038541.D
 Acq: 13 Dec 2018 20:42

Instrument :
 BNA_G
 ClientSampleId :
 TWP-01

Tgt Ion:330 Resp: 133378
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.9 115.3
 141 37.5 28.8 43.2

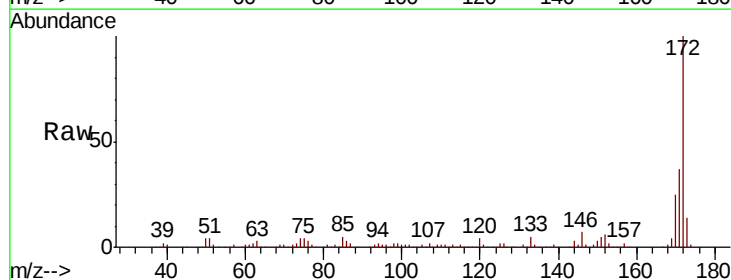


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

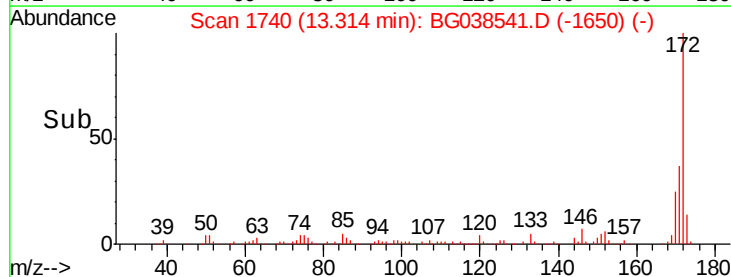
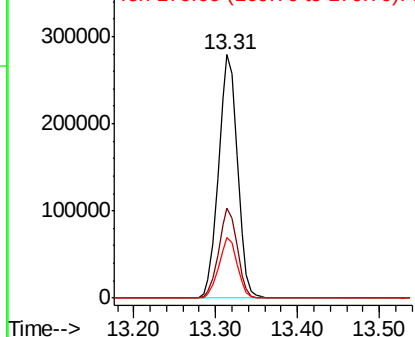


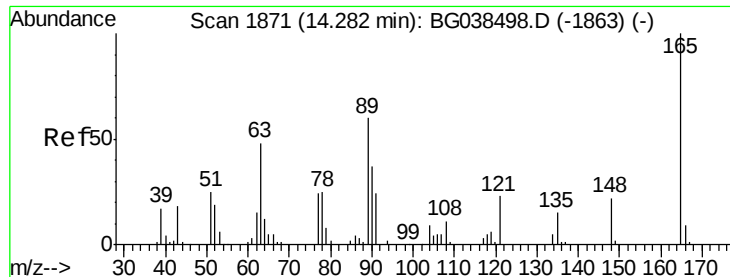
#45
 2-Fluorobiphenyl
 Concen: 95.161 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038541.D
 Acq: 13 Dec 2018 20:42

Tgt Ion:172 Resp: 449367
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.8 44.6
 170 24.8 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

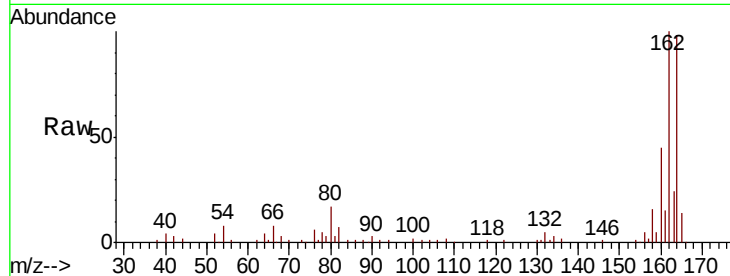




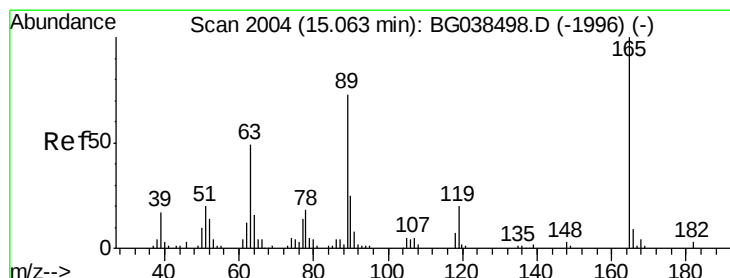
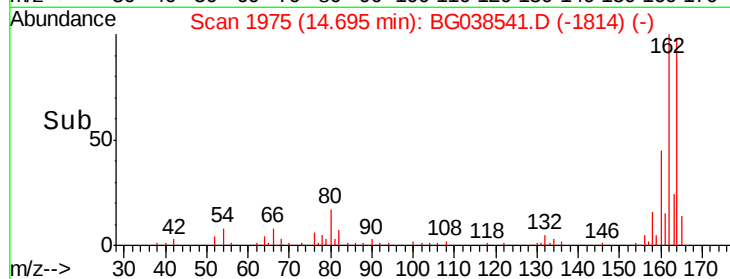
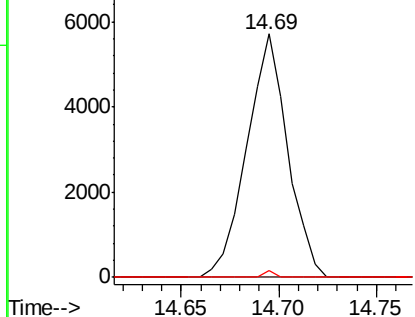
#51
 2,6-Dinitrotoluene
 Concen: 6.897 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. 0.41 min
 Lab File: BG038541.D
 Acq: 13 Dec 2018 20:42

Instrument :
 BNA_G
 ClientSampleId :
 TWP-01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	2.9	47.9	71.9#



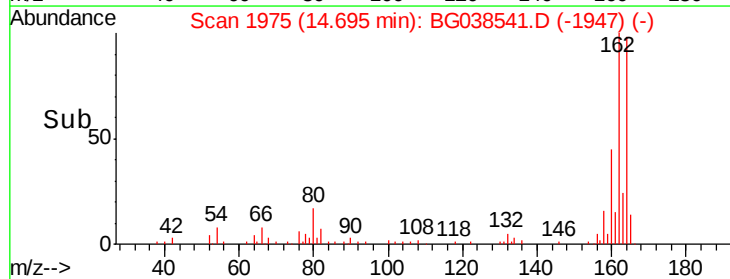
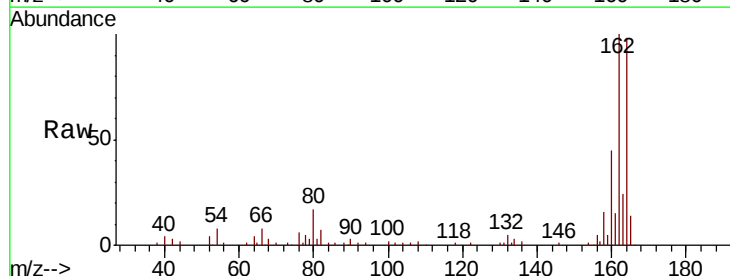
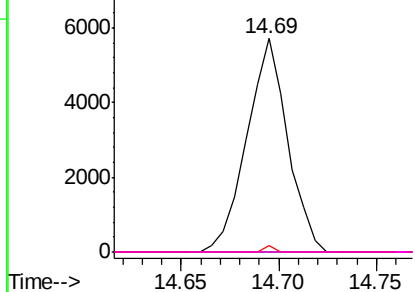
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

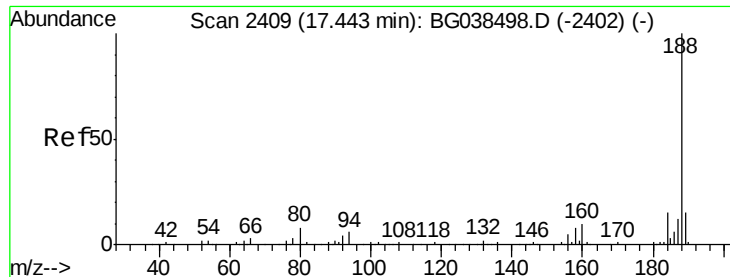


#57
 2,4-Dinitrotoluene
 Concen: 4.897 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038541.D
 Acq: 13 Dec 2018 20:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	2.9	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

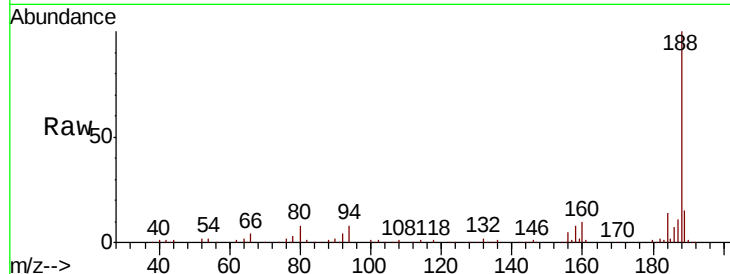




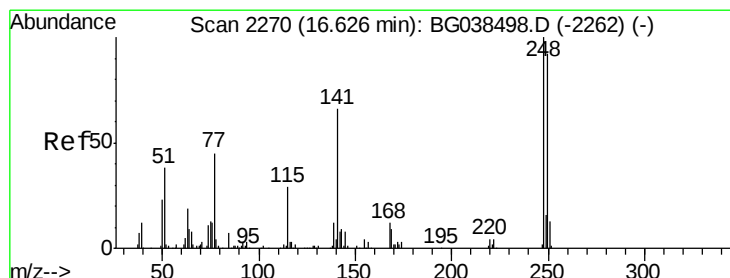
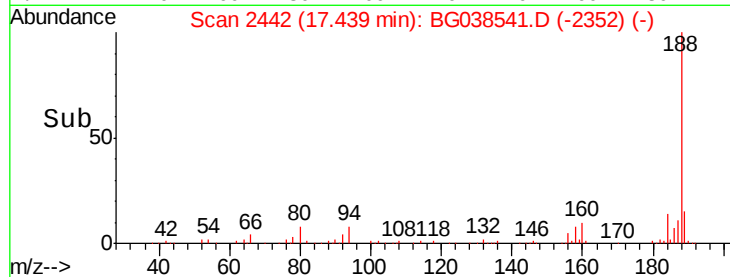
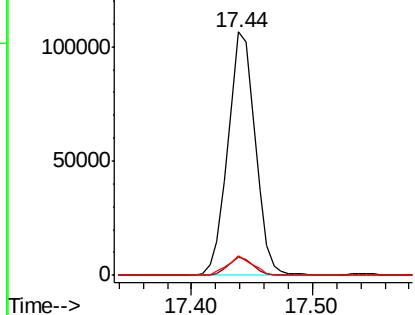
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BG038541.D
 Acq: 13 Dec 2018 20:42

Instrument :
 BNA_G
 ClientSampled :
 TWP-01

Tgt Ion:188 Resp: 168787
 Ion Ratio Lower Upper
 188 100
 94 7.6 5.1 7.7
 80 8.0 6.1 9.1

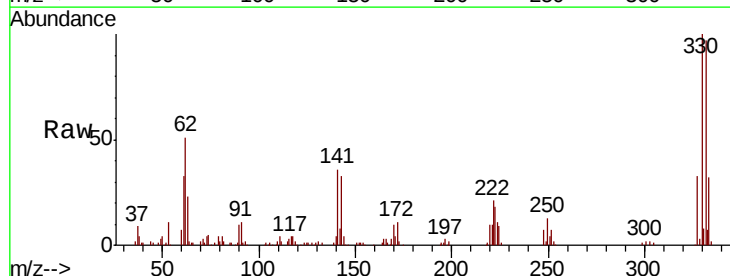


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

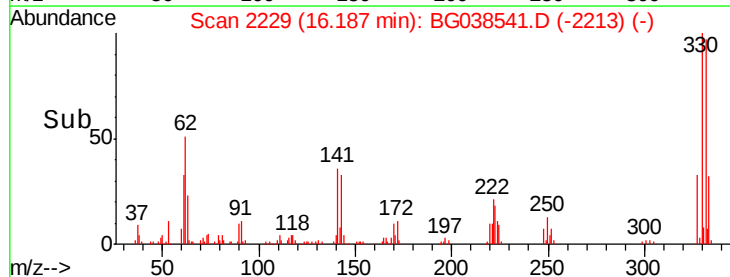
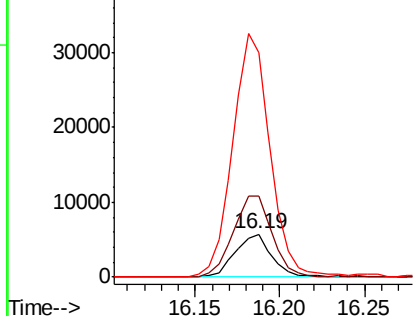


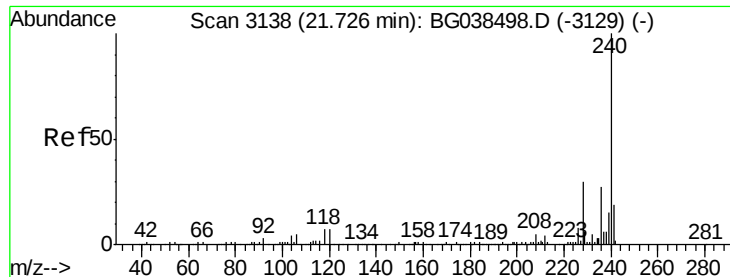
#67
 4-Bromophenyl-phenylether
 Concen: 4.185 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038541.D
 Acq: 13 Dec 2018 20:42

Tgt Ion:248 Resp: 8627
 Ion Ratio Lower Upper
 248 100
 250 183.5 73.4 110.2#
 141 396.0 52.9 79.3#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

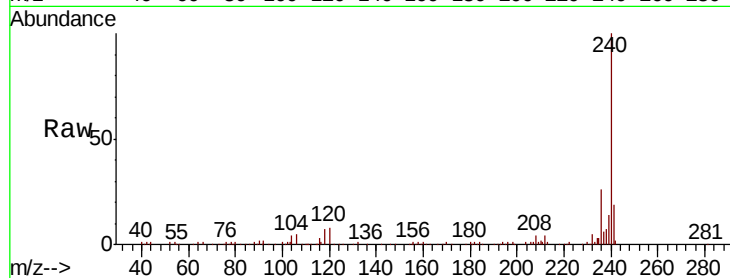




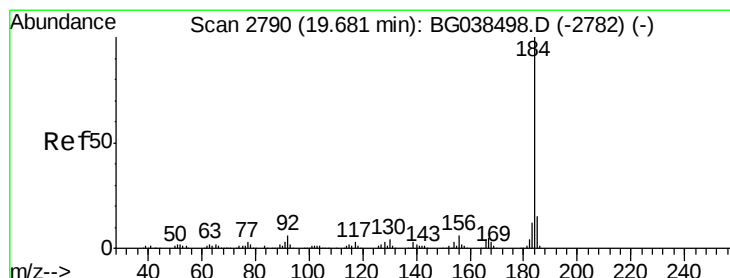
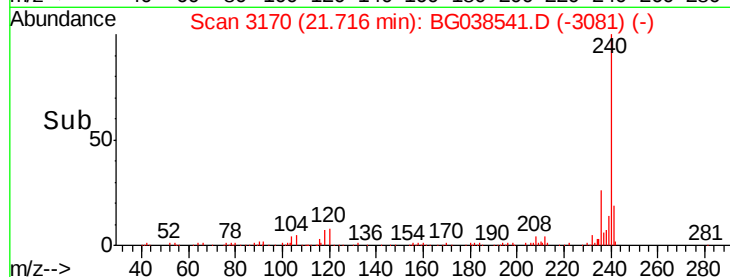
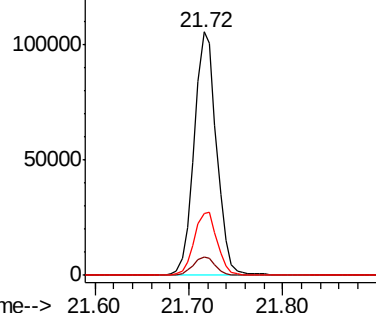
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038541.D
Acq: 13 Dec 2018 20:42

Instrument :
BNA_G
ClientSampleId :
TWP-01

Tgt Ion:240 Resp: 174613
Ion Ratio Lower Upper
240 100
120 7.5 5.3 7.9
236 25.6 21.4 32.2

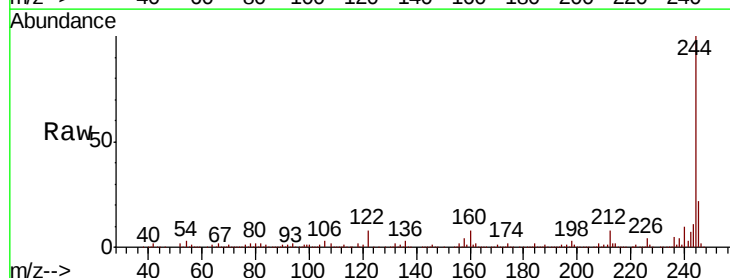


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

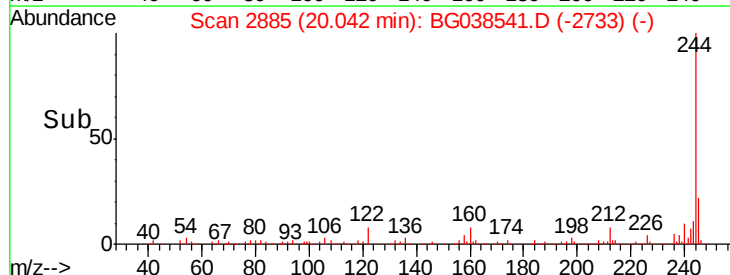
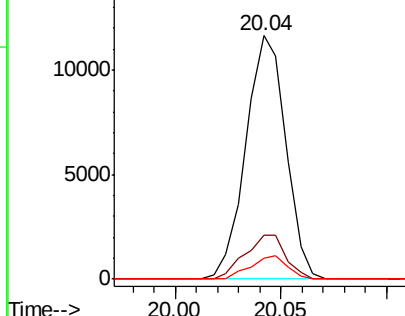


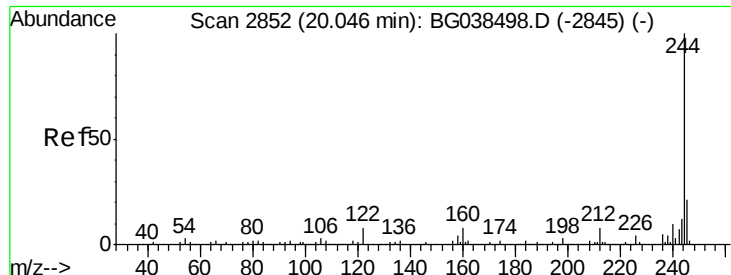
#77
Benzidine
Concen: 2.960 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.36 min
Lab File: BG038541.D
Acq: 13 Dec 2018 20:42

Tgt Ion:184 Resp: 15288
Ion Ratio Lower Upper
184 100
185 17.8 12.2 18.2
183 8.6 9.6 14.4#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 108.981 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038541.D

Acq: 13 Dec 2018 20:42

Instrument :

BNA_G

ClientSampleId :

TWP-01

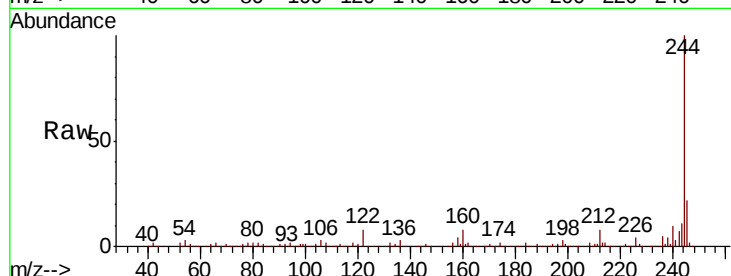
Tgt Ion:244 Resp: 874387

Ion Ratio Lower Upper

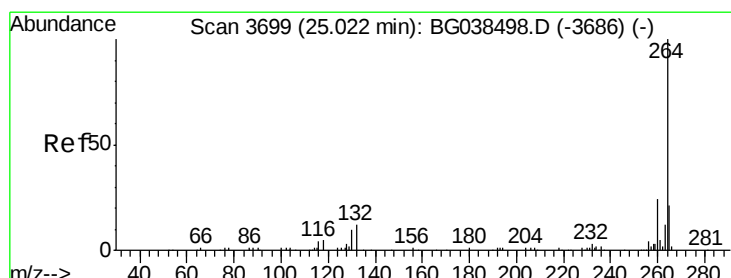
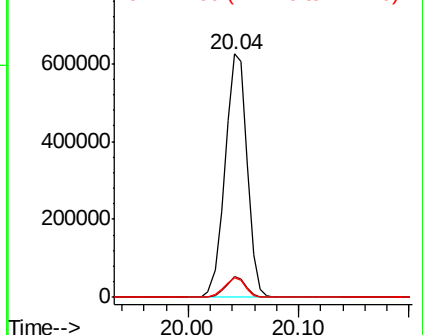
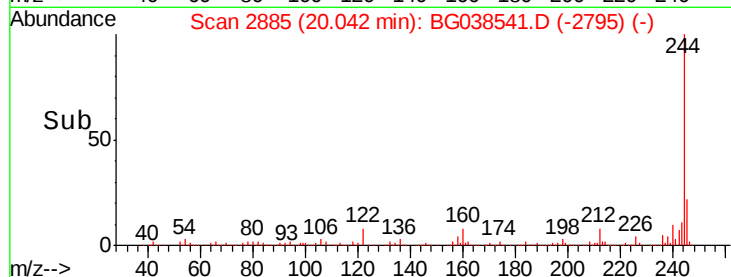
244 100

212 8.4 6.2 9.2

122 8.0 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038541.D

Acq: 13 Dec 2018 20:42

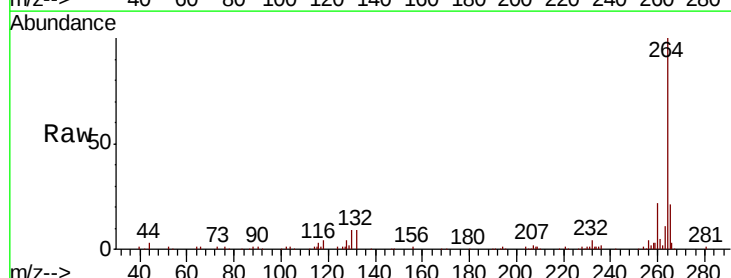
Tgt Ion:264 Resp: 182975

Ion Ratio Lower Upper

264 100

260 21.8 18.9 28.3

265 20.8 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

