

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
 Data File : BG038679.D
 Acq On : 18 Dec 2018 2:17
 Operator : JU/SJ
 Sample : J6403-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-B

Quant Time: Dec 18 03:46:17 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

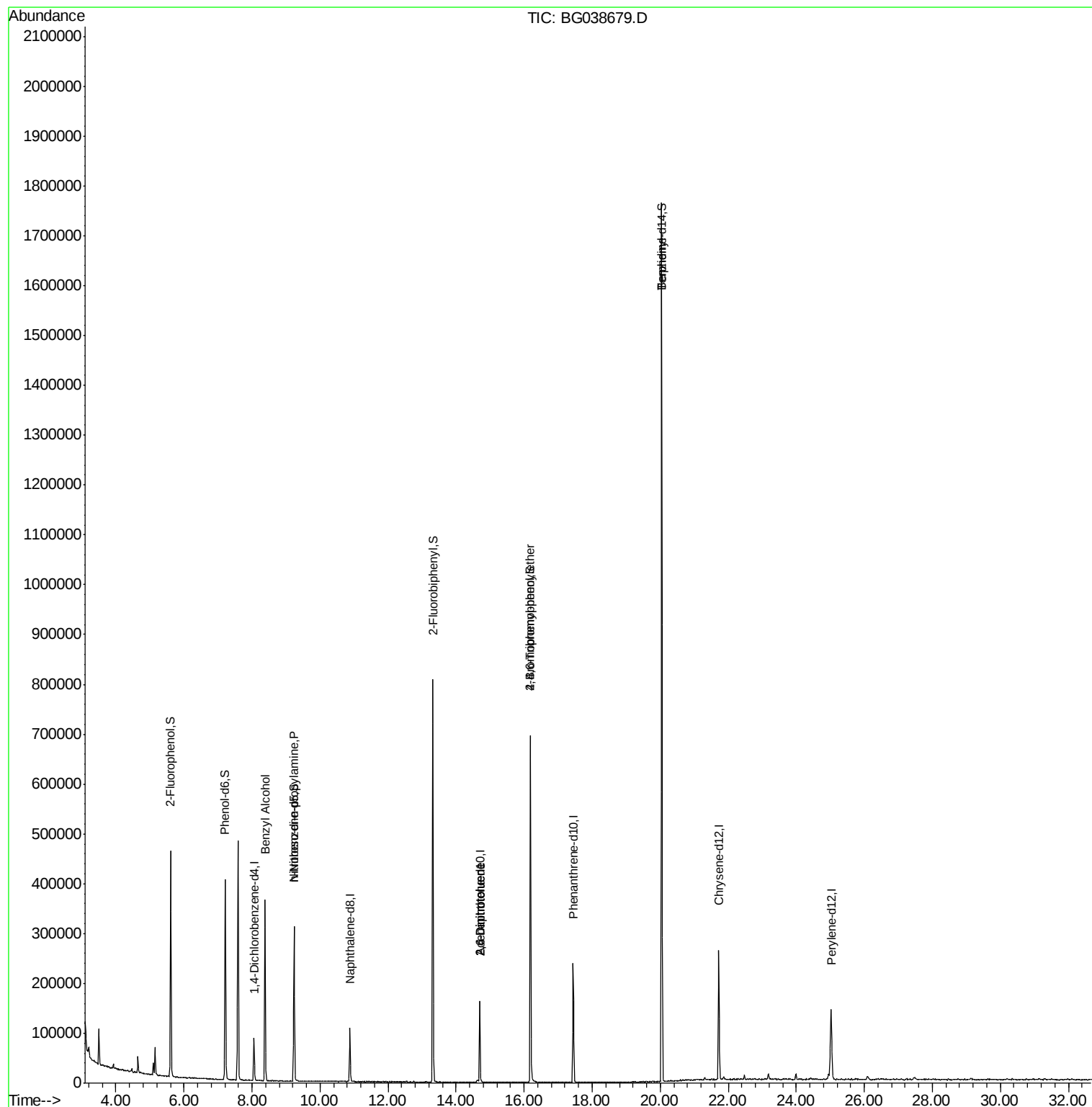
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23953	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	93206	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	60882	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	162418	20.00	ng	0.00
76) Chrysene-d12	21.72	240	168158	20.00	ng	0.00
87) Perylene-d12	25.02	264	175319	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	187299	138.69	ng	0.01
7) Phenol-d6	7.21	99	219792	118.55	ng	0.00
23) Nitrobenzene-d5	9.24	82	186236	102.08	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	136893	163.15	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	425725	95.93	ng	0.00
79) Terphenyl-d14	20.04	244	867565	112.28	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.38	79	3169	2.190	ng	# 52
19) n-Nitroso-di-n-propylamine	9.24	70	25520	19.599	ng	# 70
51) 2,6-Dinitrotoluene	14.70	165	7457	6.618	ng	# 19
57) 2,4-Dinitrotoluene	14.70	165	7457	4.699	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	9316	4.697	ng	# 1
77) Benzidine	20.04	184	16139	3.245	ng	# 95

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

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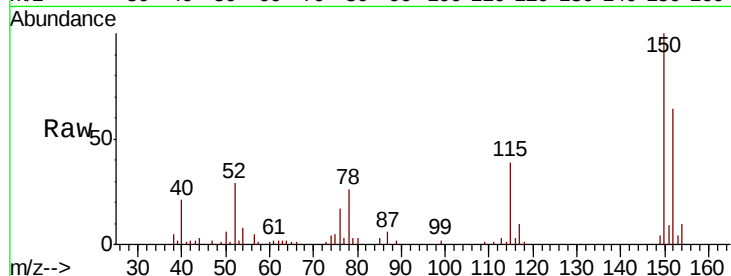




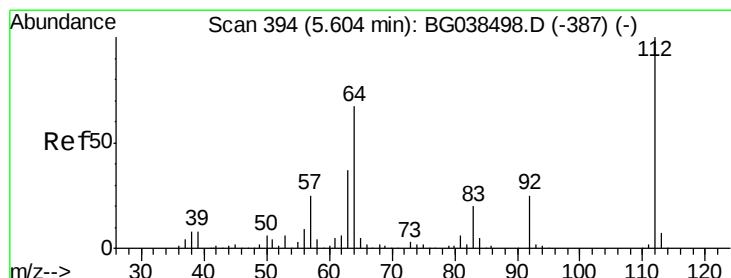
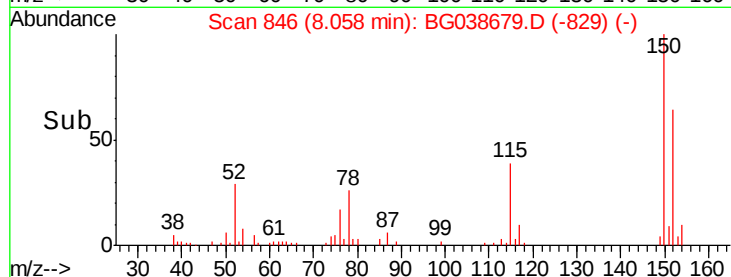
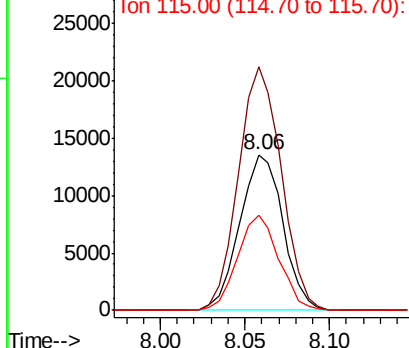
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG038679.D
 Acq: 18 Dec 2018 2:17

Instrument :
 BNA_G
 ClientSampled :
 TP-1-B

Tgt Ion:152 Resp: 23953
 Ion Ratio Lower Upper
 152 100
 150 156.3 119.5 179.3
 115 60.9 49.6 74.4

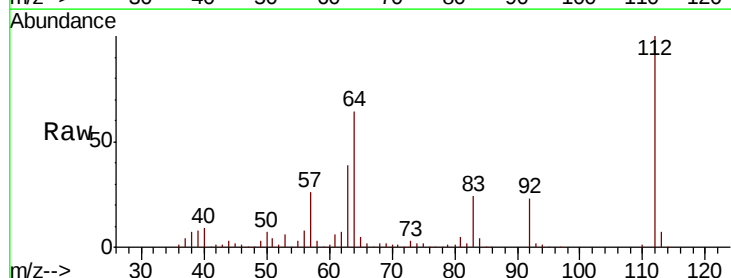


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

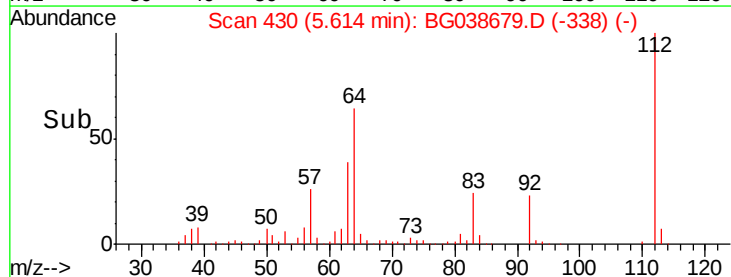
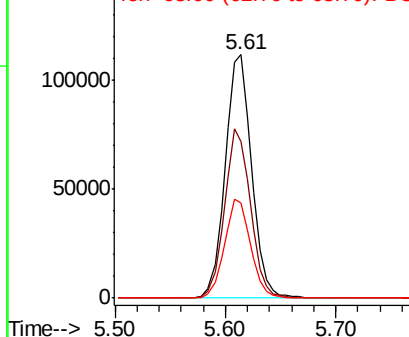


#5
 2-Fluorophenol
 Concen: 138.690 ng
 RT: 5.61 min Scan# 430
 Delta R.T. 0.01 min
 Lab File: BG038679.D
 Acq: 18 Dec 2018 2:17

Tgt Ion:112 Resp: 187299
 Ion Ratio Lower Upper
 112 100
 64 64.3 53.4 80.2
 63 38.9 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 118.553 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038679.D

Acq: 18 Dec 2018 2:17

Instrument :

BNA_G

ClientSampleId :

TP-1-B

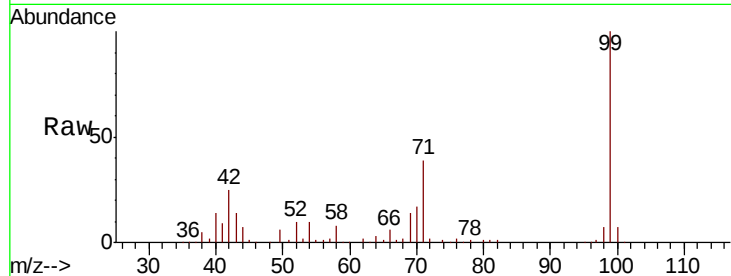
Tgt Ion: 99 Resp: 219792

Ion Ratio Lower Upper

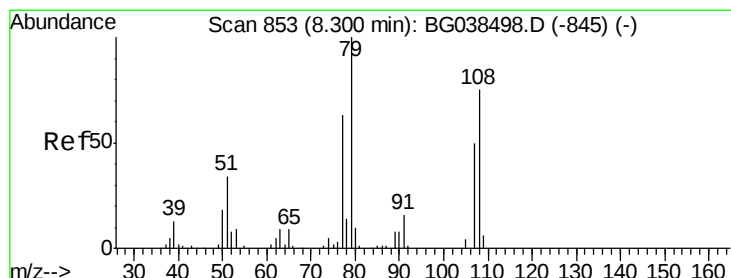
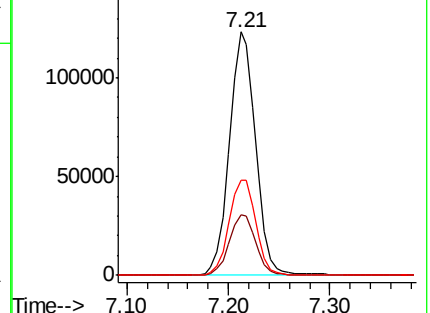
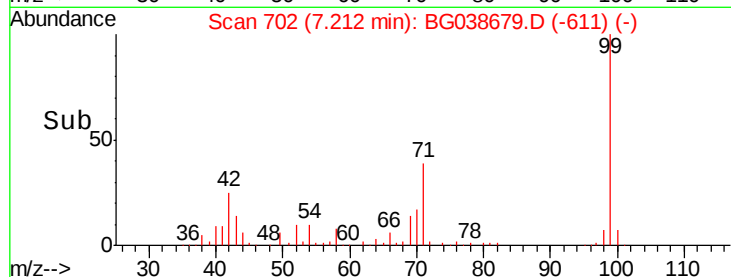
99 100

42 25.0 18.5 27.7

71 39.3 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: 2.190 ng

RT: 8.38 min Scan# 900

Delta R.T. 0.07 min

Lab File: BG038679.D

Acq: 18 Dec 2018 2:17

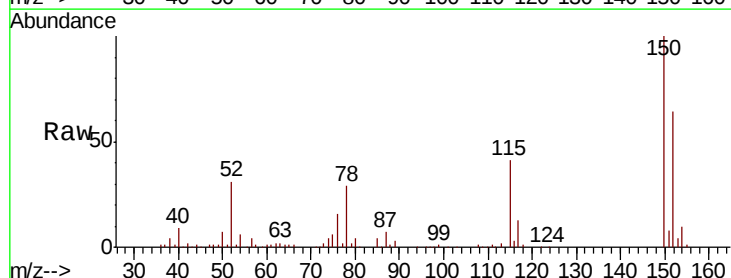
Tgt Ion: 79 Resp: 3169

Ion Ratio Lower Upper

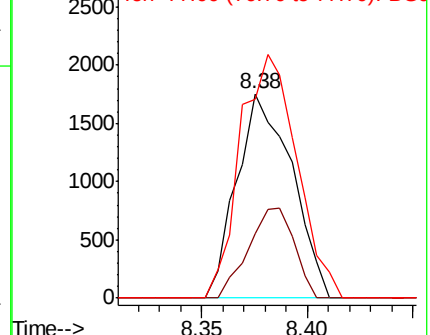
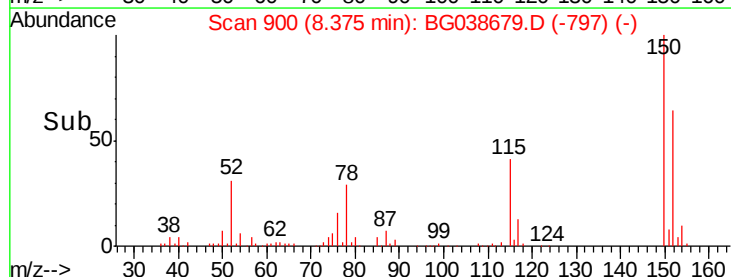
79 100

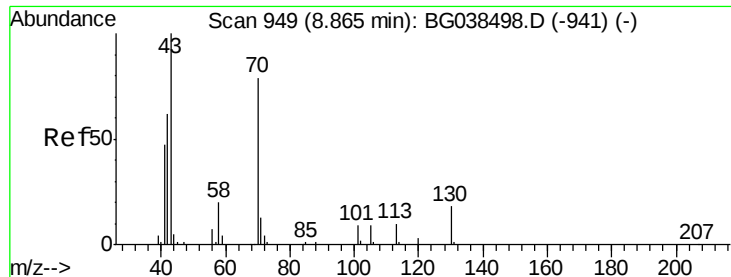
108 31.5 60.2 90.4#

77 97.8 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

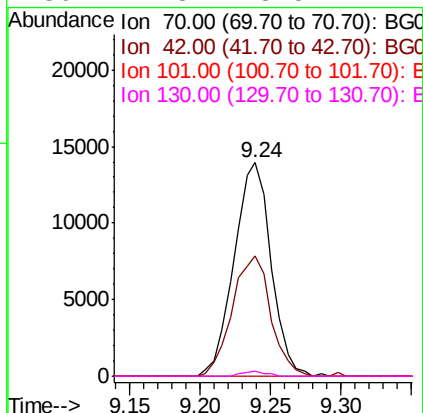
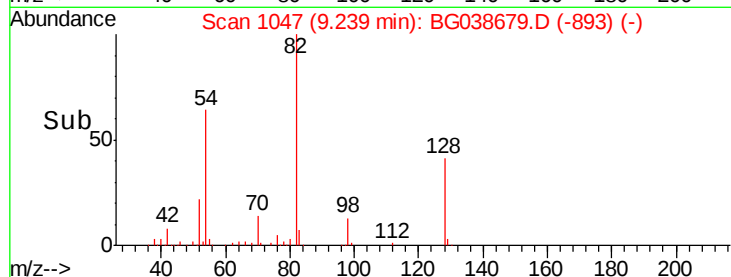
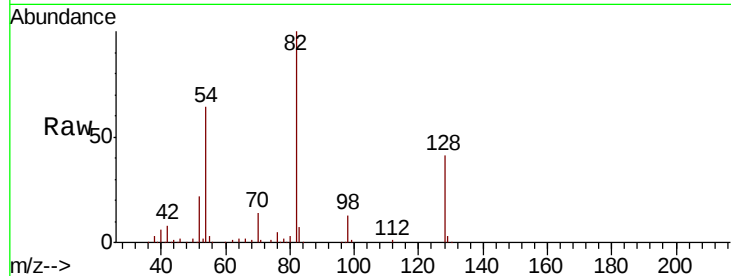




#19
n-Nitroso-di-n-propylamine
Concen: 19.599 ng
RT: 9.24 min Scan# 1047
Delta R.T. 0.37 min
Lab File: BG038679.D
Acq: 18 Dec 2018 2:17

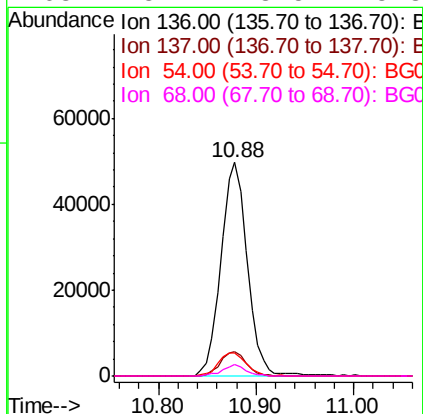
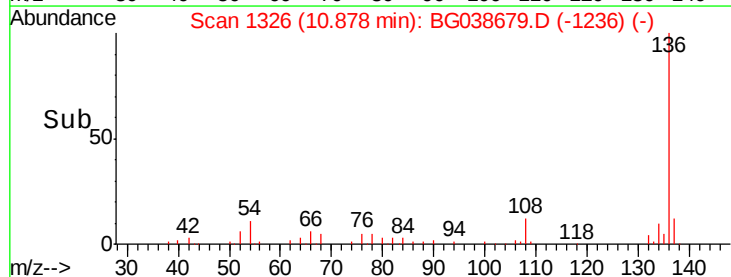
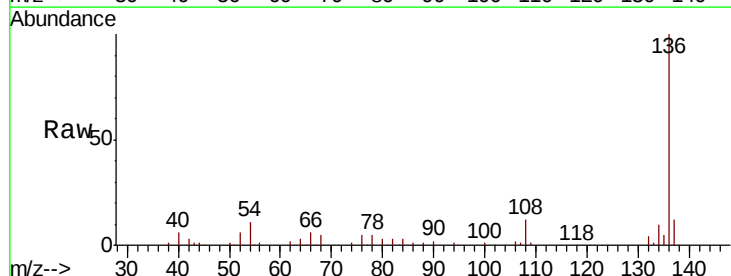
Instrument :
BNA_G
ClientSampleId :
TP-1-B

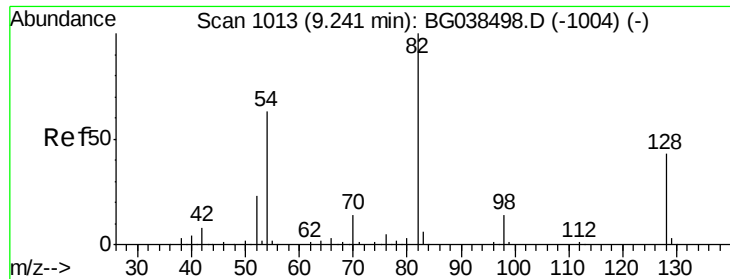
Tgt Ion: 70 Resp: 25520
Ion Ratio Lower Upper
70 100
42 56.2 63.6 95.4#
101 0.0 9.2 13.8#
130 2.3 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038679.D
Acq: 18 Dec 2018 2:17

Tgt Ion: 136 Resp: 93206
Ion Ratio Lower Upper
136 100
137 11.6 9.3 13.9
54 10.9 8.5 12.7
68 5.2 3.5 5.3

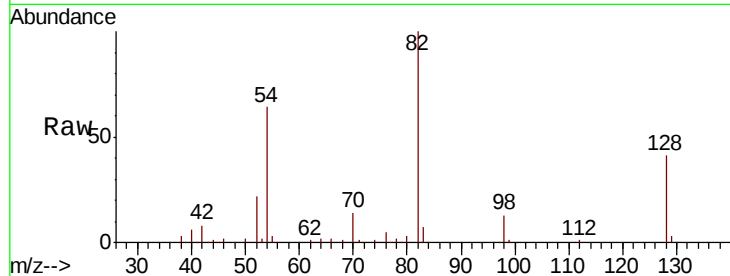




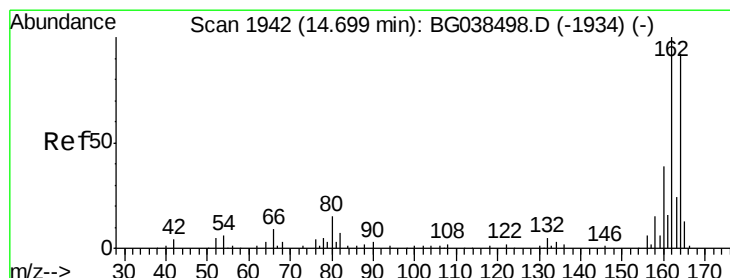
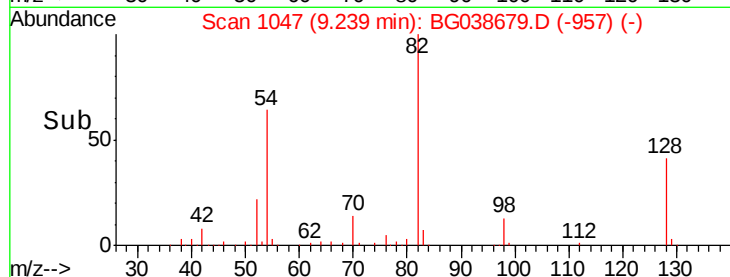
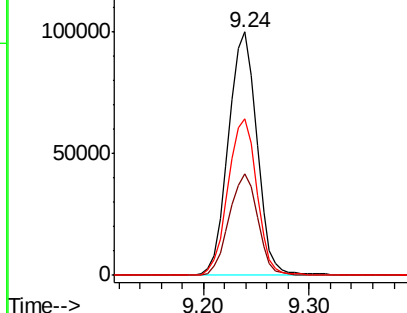
#23
 Nitrobenzene-d5
 Concen: 102.078 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG038679.D
 Acq: 18 Dec 2018 2:17

Instrument :
 BNA_G
 ClientSampled :
 TP-1-B

Tgt Ion: 82 Resp: 186236
 Ion Ratio Lower Upper
 82 100
 128 41.5 34.6 52.0
 54 64.1 50.6 76.0

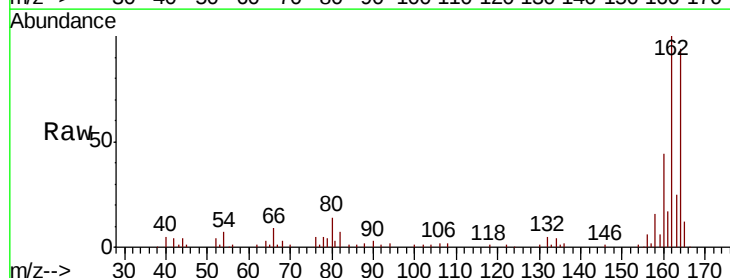


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

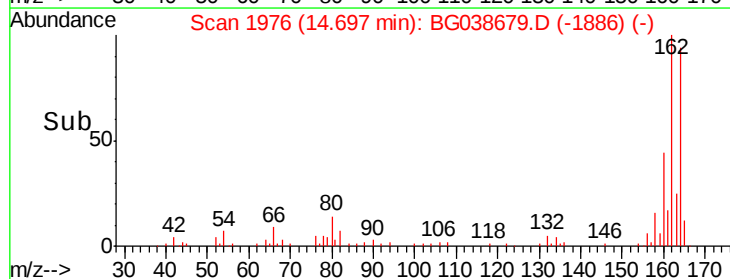
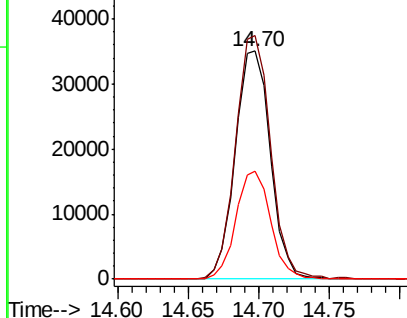


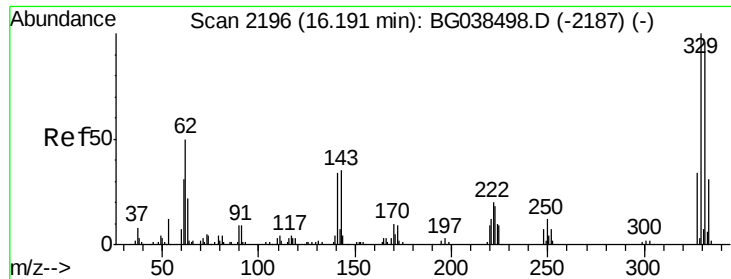
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG038679.D
 Acq: 18 Dec 2018 2:17

Tgt Ion: 164 Resp: 60882
 Ion Ratio Lower Upper
 164 100
 162 106.9 86.6 130.0
 160 47.3 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

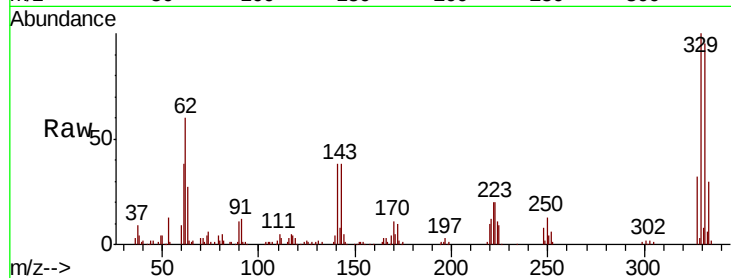




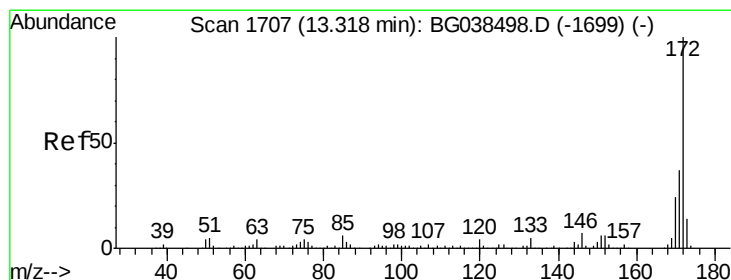
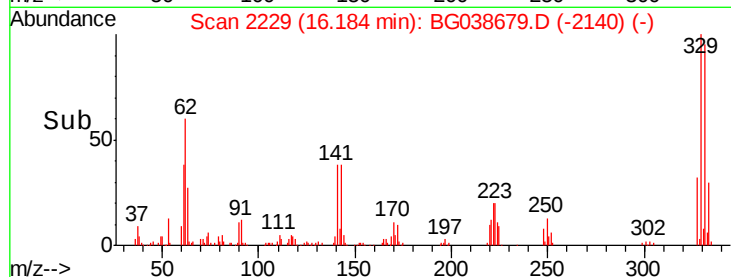
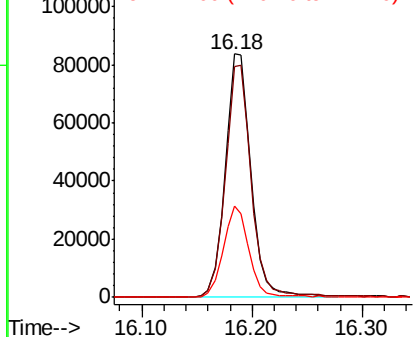
#42
 2,4,6-Tribromophenol
 Concen: 163.150 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038679.D
 Acq: 18 Dec 2018 2:17

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-B

Tgt Ion:330 Resp: 136893
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.9 115.3
 141 37.3 28.8 43.2

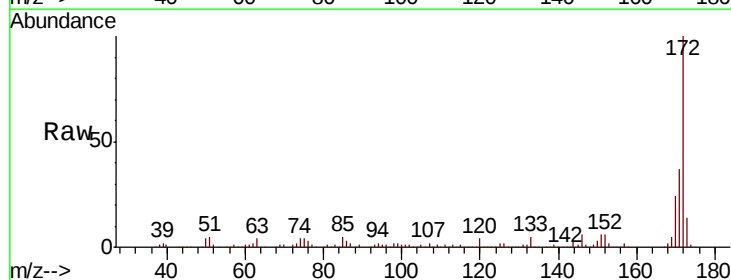


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

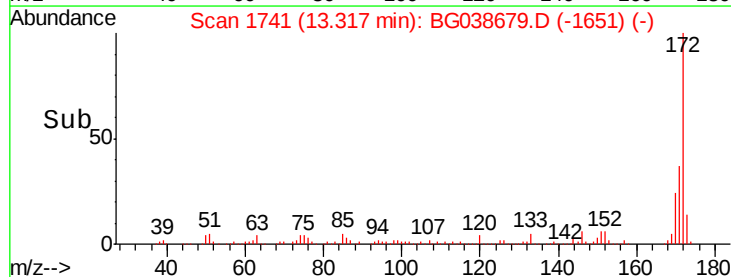
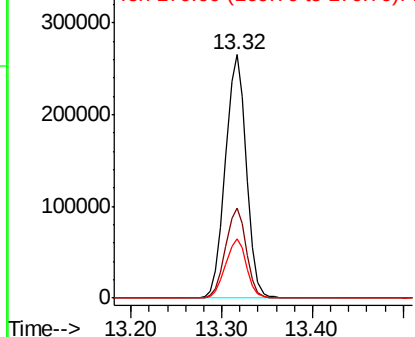


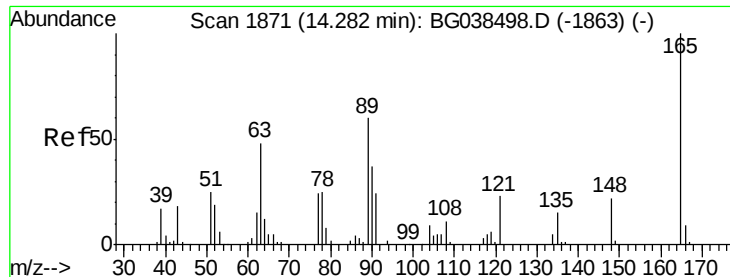
#45
 2-Fluorobiphenyl
 Concen: 95.928 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038679.D
 Acq: 18 Dec 2018 2:17

Tgt Ion:172 Resp: 425725
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.8 44.6
 170 24.5 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

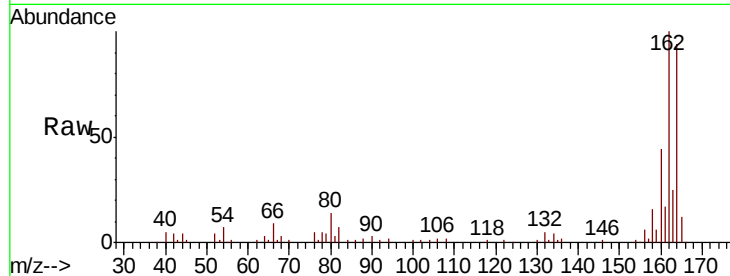




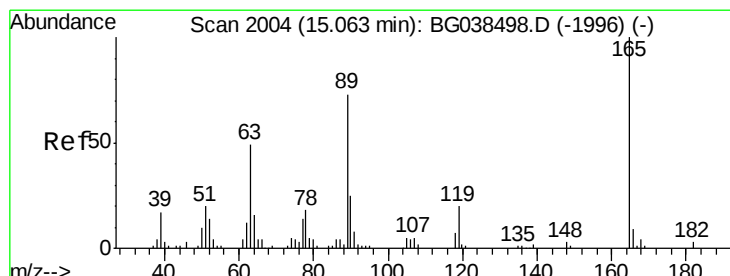
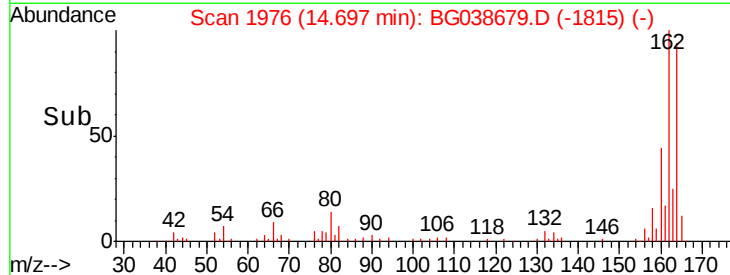
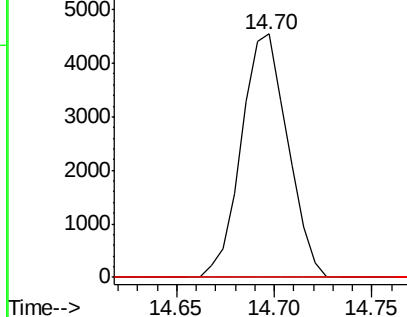
#51
 2,6-Dinitrotoluene
 Concen: 6.618 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.42 min
 Lab File: BG038679.D
 Acq: 18 Dec 2018 2:17

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-B

Tgt Ion:165 Resp: 7457
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.8 77.6#
 89 0.0 47.9 71.9#

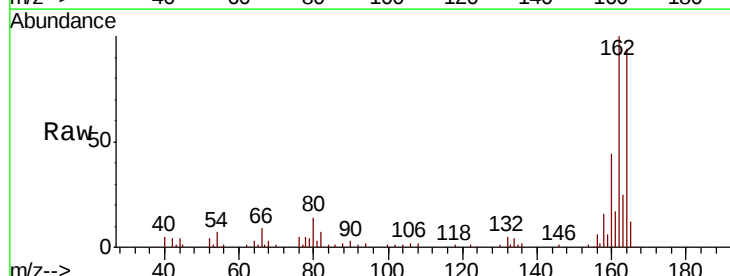


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

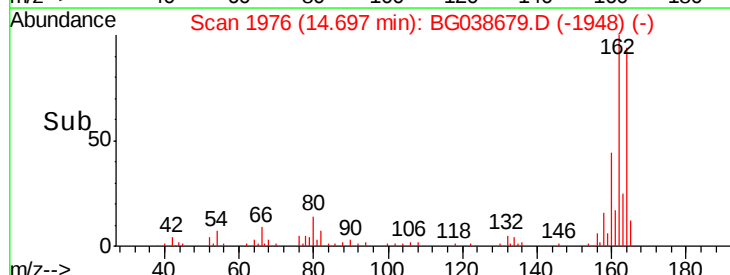
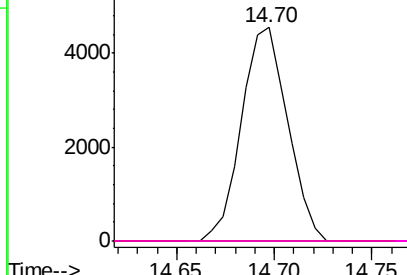


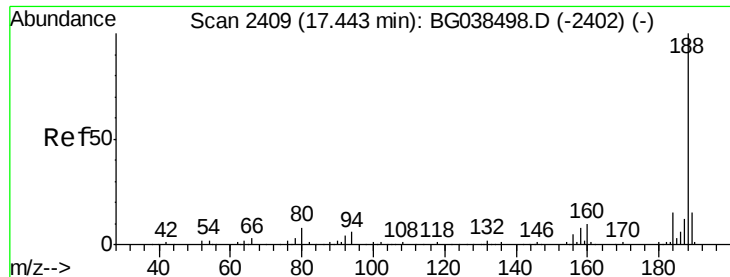
#57
 2,4-Dinitrotoluene
 Concen: 4.699 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.37 min
 Lab File: BG038679.D
 Acq: 18 Dec 2018 2:17

Tgt Ion:165 Resp: 7457
 Ion Ratio 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

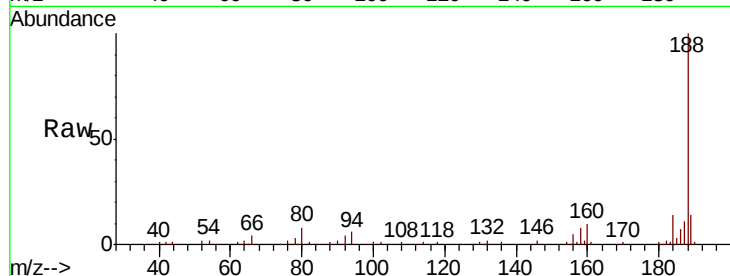




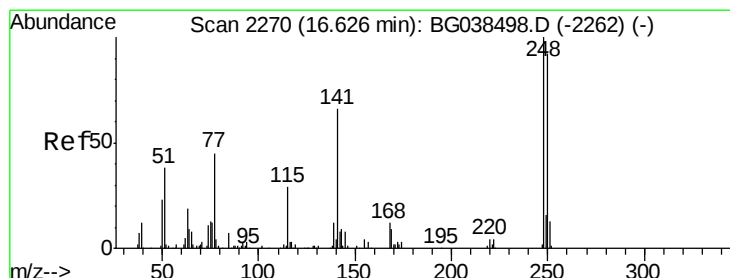
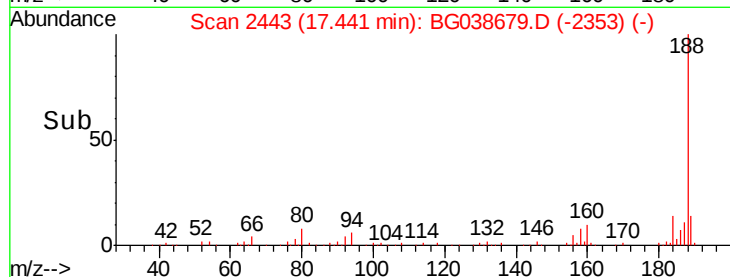
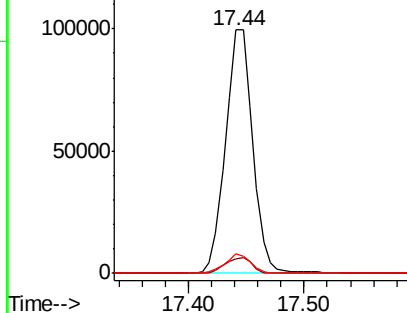
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038679.D
 Acq: 18 Dec 2018 2:17

Instrument :
 BNA_G
 ClientSampled :
 TP-1-B

Tgt Ion:188 Resp: 162418
 Ion Ratio Lower Upper
 188 100
 94 6.0 5.1 7.7
 80 8.0 6.1 9.1

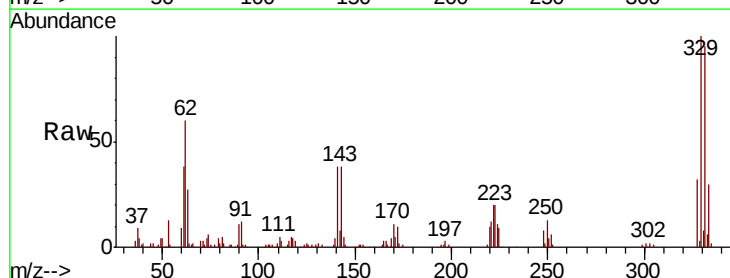


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

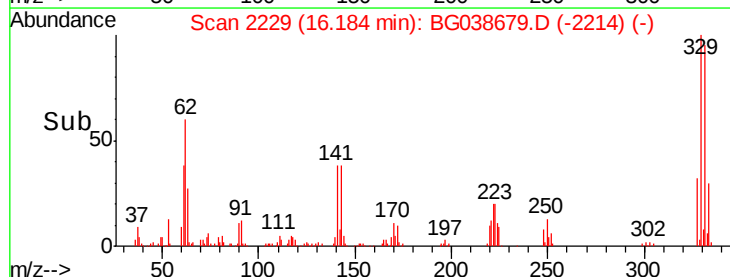
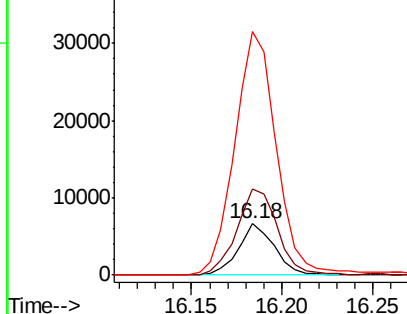


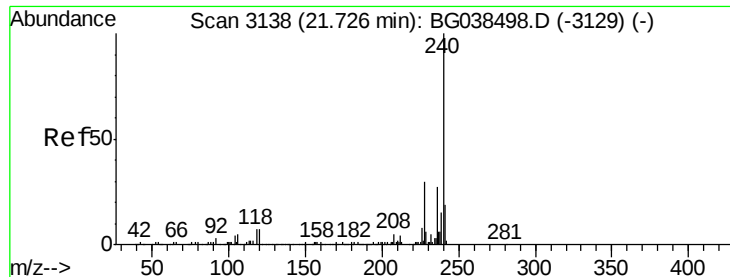
#67
 4-Bromophenyl-phenylether
 Concen: 4.697 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038679.D
 Acq: 18 Dec 2018 2:17

Tgt Ion:248 Resp: 9316
 Ion Ratio Lower Upper
 248 100
 250 176.6 73.4 110.2#
 141 375.1 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

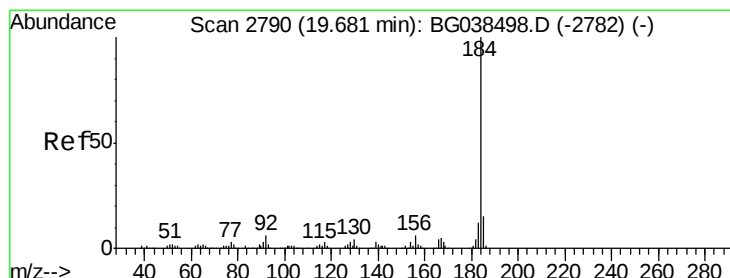
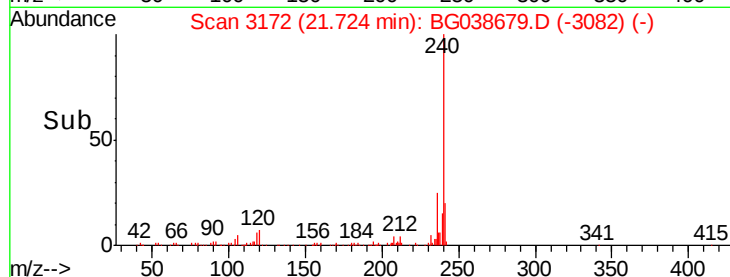
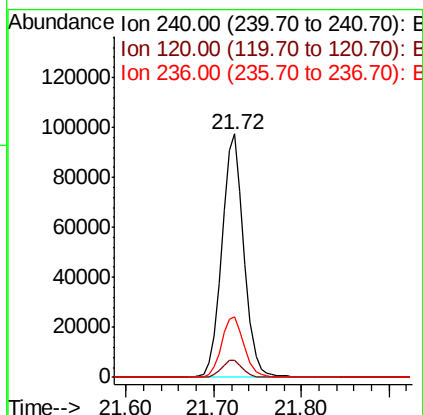
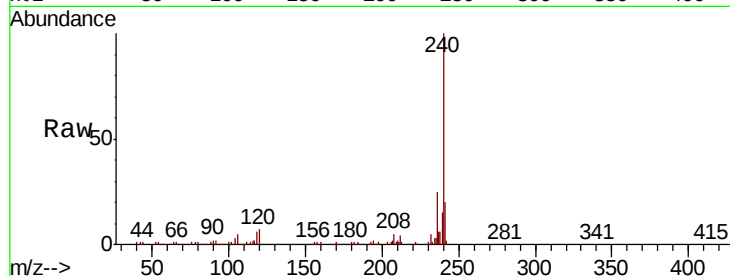




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG038679.D
Acq: 18 Dec 2018 2:17

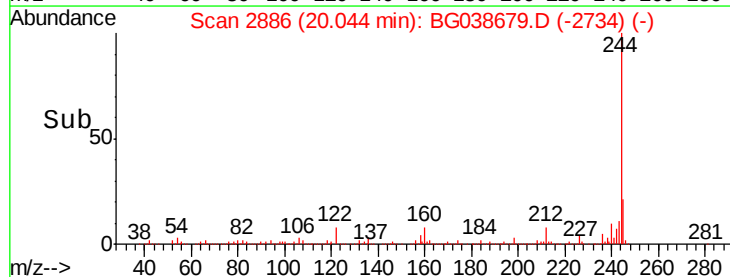
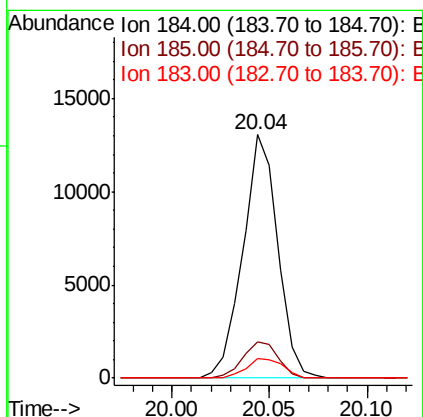
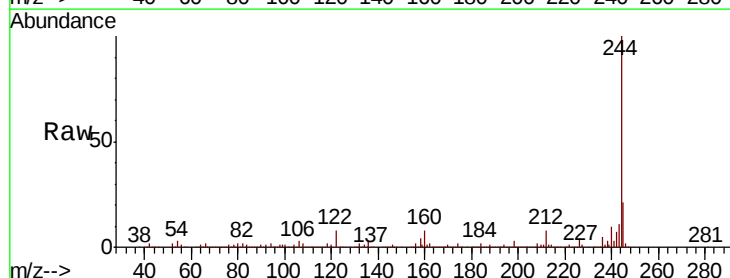
Instrument :
BNA_G
ClientSampleId :
TP-1-B

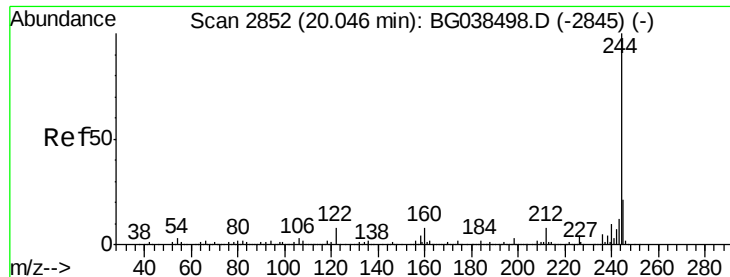
Tgt Ion:240 Resp: 168158
Ion Ratio Lower Upper
240 100
120 6.8 5.3 7.9
236 25.1 21.4 32.2



#77
Benzidine
Concen: 3.245 ng
RT: 20.04 min Scan# 2886
Delta R.T. 0.36 min
Lab File: BG038679.D
Acq: 18 Dec 2018 2:17

Tgt Ion:184 Resp: 16139
Ion Ratio Lower Upper
184 100
185 14.7 12.2 18.2
183 8.1 9.6 14.4#





#79

Terphenyl-d14

Concen: 112.282 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038679.D

Acq: 18 Dec 2018 2:17

Instrument :

BNA_G

ClientSampleId :

TP-1-B

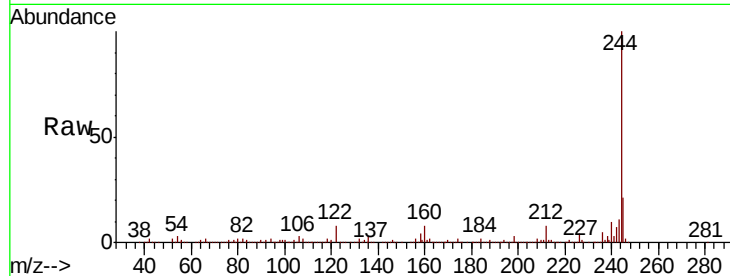
Tgt Ion:244 Resp: 867565

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

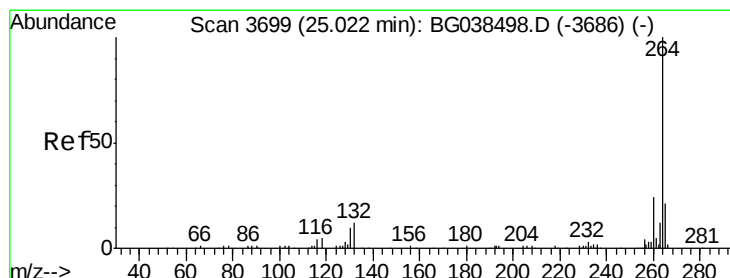
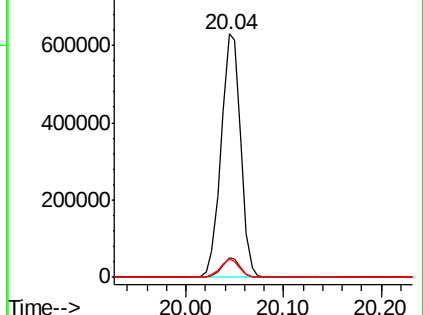
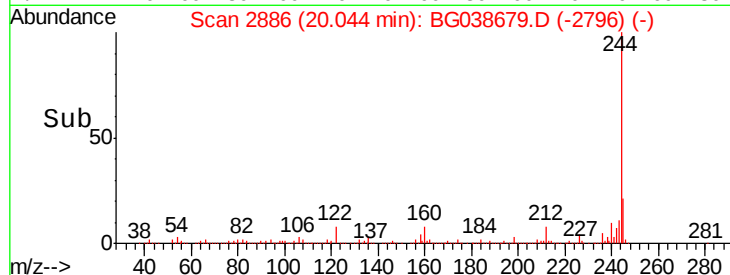
122 7.6 6.3 9.5



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: 25.02 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG038679.D

Acq: 18 Dec 2018 2:17

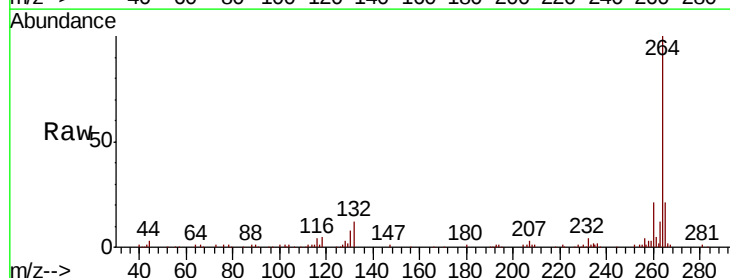
Tgt Ion:264 Resp: 175319

Ion Ratio Lower Upper

264 100

260 21.4 18.9 28.3

265 21.1 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

