

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
 Data File : BG038669.D
 Acq On : 17 Dec 2018 19:02
 Operator : JU/SJ
 Sample : J6391-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS017-0006-01

Quant Time: Dec 18 02:57:40 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

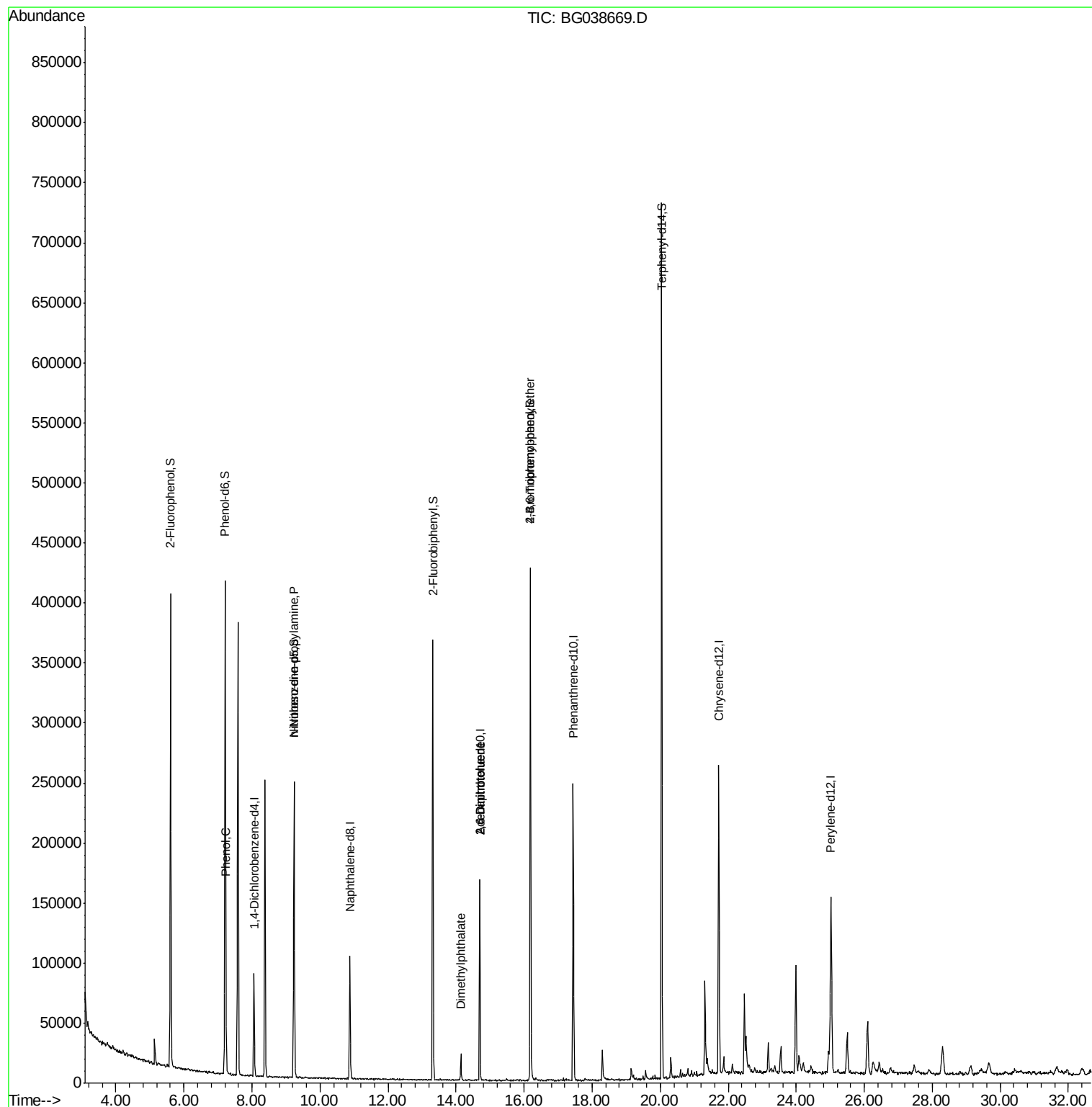
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23229	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	91219	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	61734	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	159525	20.00	ng	0.00
76) Chrysene-d12	21.72	240	166724	20.00	ng	0.00
87) Perylene-d12	25.02	264	172662	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	160858	122.82	ng	0.00
7) Phenol-d6	7.21	99	222424	123.71	ng	0.00
23) Nitrobenzene-d5	9.23	82	144412	80.88	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	81837	96.19	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	201479	44.77	ng	0.00
79) Terphenyl-d14	20.04	244	357910	46.72	ng	0.00
Target Compounds						
10) Phenol	7.24	94	10722	5.613	ng	81
19) n-Nitroso-di-n-propylamine	9.23	70	20090	15.910	ng	# 66
50) Dimethylphthalate	14.14	163	16178	3.209	ng	98
51) 2,6-Dinitrotoluene	14.70	165	7530	6.591	ng	# 22
57) 2,4-Dinitrotoluene	14.70	165	7530	4.680	ng	# 24
67) 4-Bromophenyl-phenylether	16.18	248	5333	2.737	ng	# 1

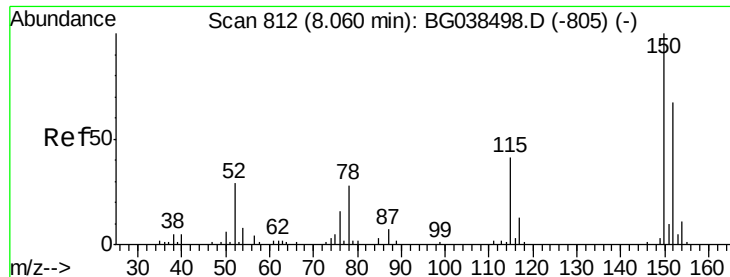
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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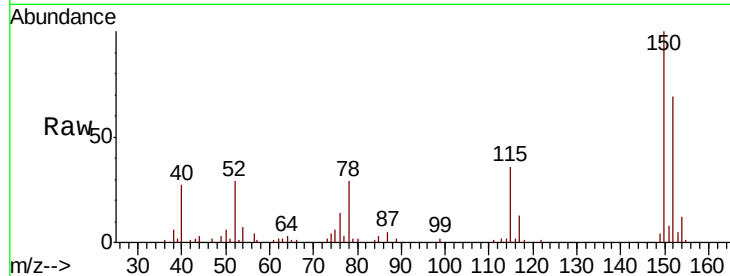


#1

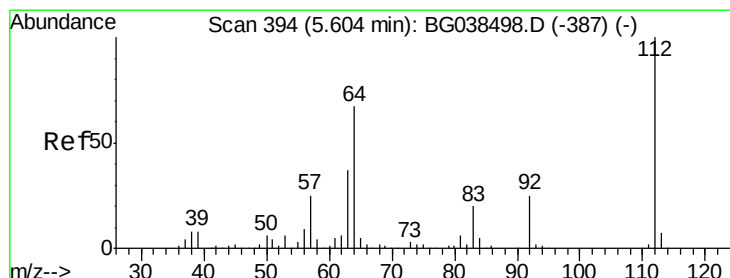
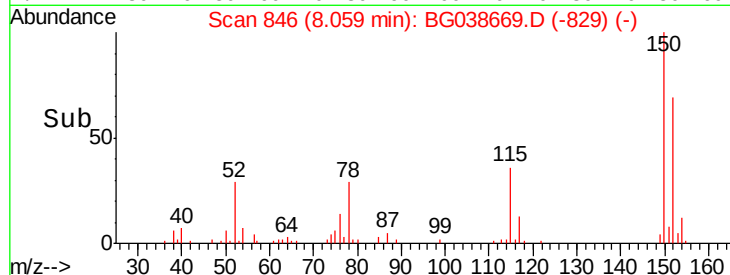
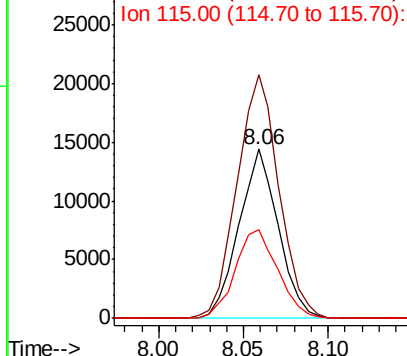
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038669.D
Acq: 17 Dec 2018 19:02

Instrument :
BNA_G
ClientSampleId :
P001-SS017-0006-01

Tgt Ion:152 Resp: 23229
Ion Ratio Lower Upper
152 100
150 144.0 119.5 179.3
115 52.5 49.6 74.4



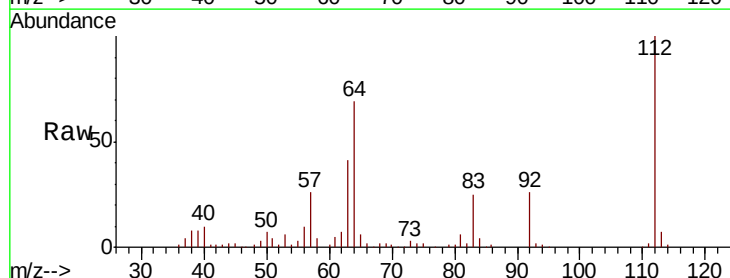
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



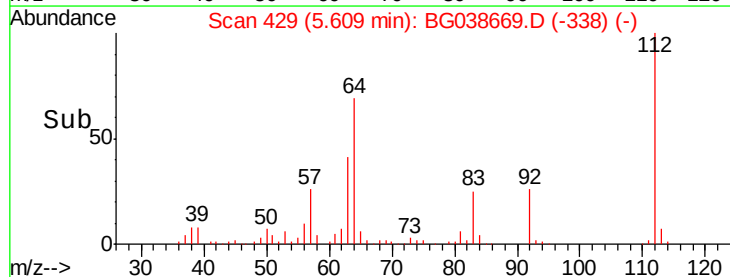
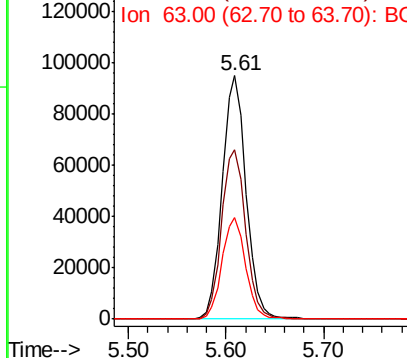
#5

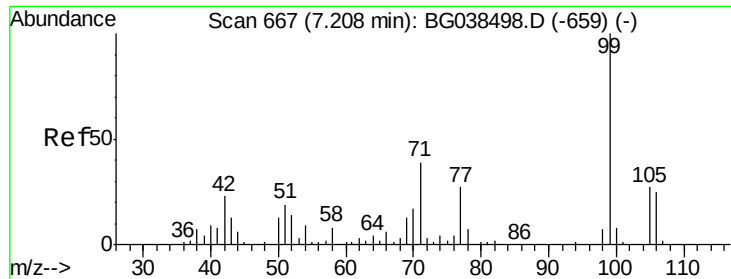
2-Fluorophenol
Concen: 122.823 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038669.D
Acq: 17 Dec 2018 19:02

Tgt Ion:112 Resp: 160858
Ion Ratio Lower Upper
112 100
64 69.4 53.4 80.2
63 41.5 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: 123.712 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038669.D

Acq: 17 Dec 2018 19:02

Instrument :

BNA_G

ClientSampleId :

P001-SS017-0006-01

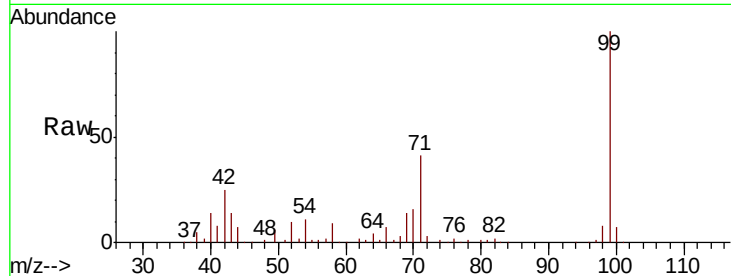
Tgt Ion: 99 Resp: 222424

Ion Ratio Lower Upper

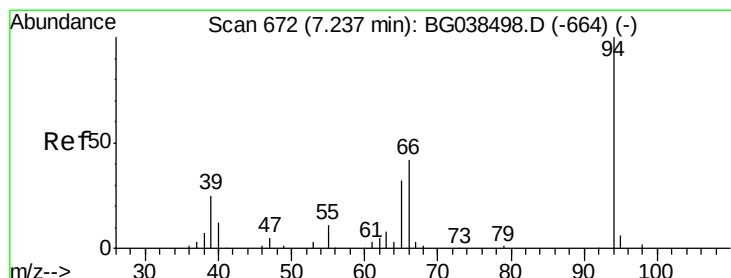
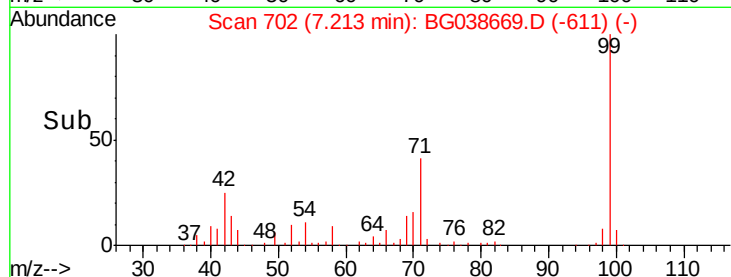
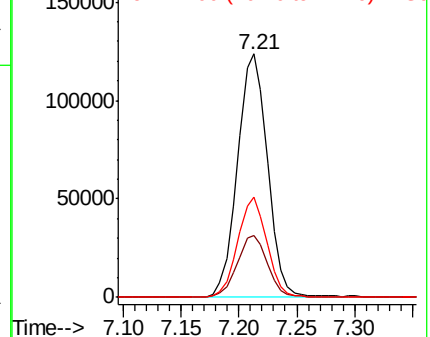
99 100

42 25.2 18.5 27.7

71 41.2 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



#10

Phenol

Concen: 5.613 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038669.D

Acq: 17 Dec 2018 19:02

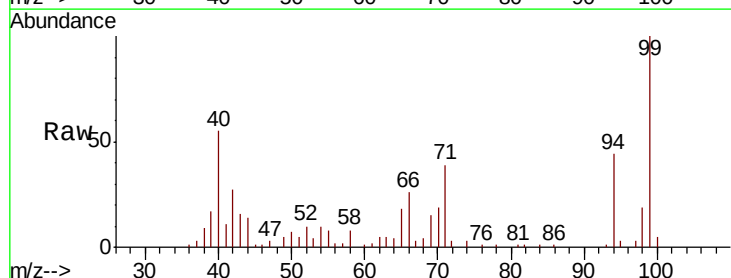
Tgt Ion: 94 Resp: 10722

Ion Ratio Lower Upper

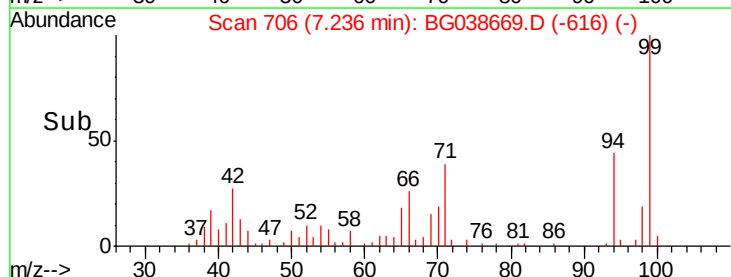
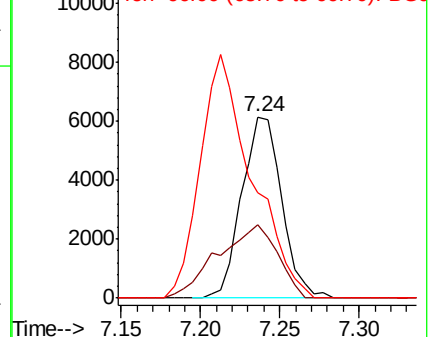
94 100

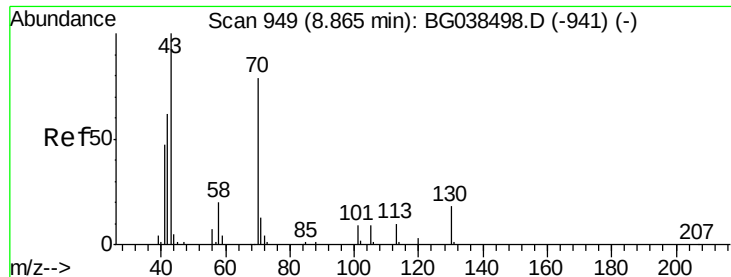
65 40.7 12.6 52.6

66 58.5 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 15.910 ng

RT: 9.23 min Scan# 1046

Delta R.T. 0.37 min

Lab File: BG038669.D

Acq: 17 Dec 2018 19:02

Instrument :

BNA_G

ClientSampleId :

P001-SS017-0006-01

Tgt Ion: 70 Resp: 20090

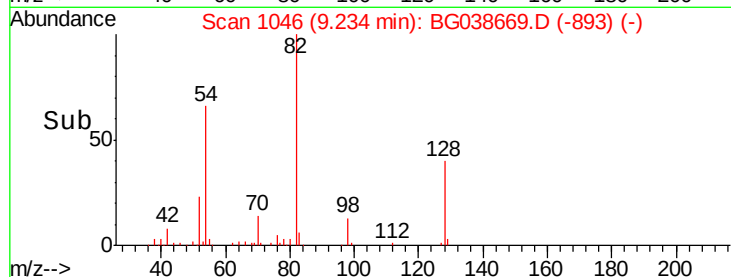
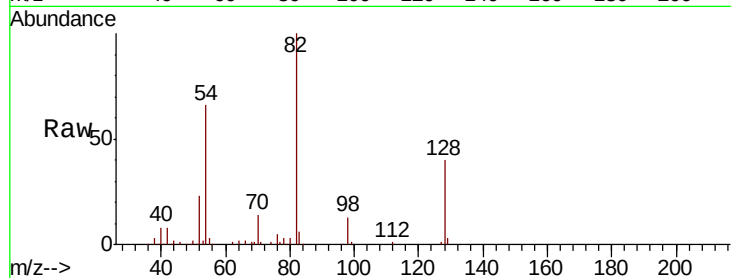
Ion Ratio Lower Upper

70 100

42 52.6 63.6 95.4#

101 0.0 9.2 13.8#

130 0.0 18.5 27.7#

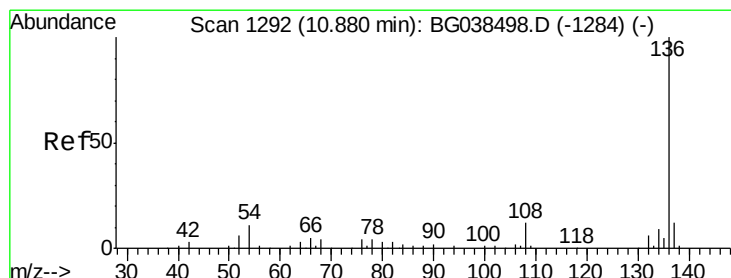
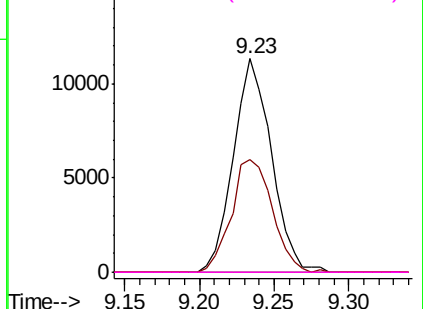


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BG038669.D

Acq: 17 Dec 2018 19:02

Tgt Ion: 136 Resp: 91219

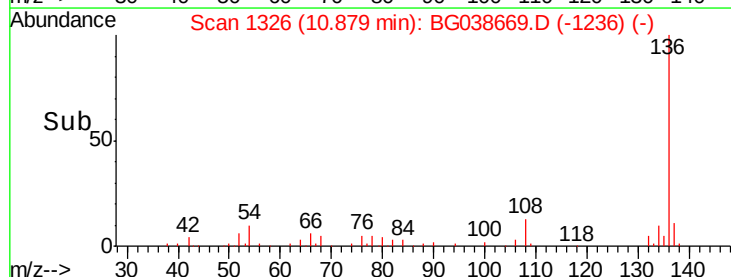
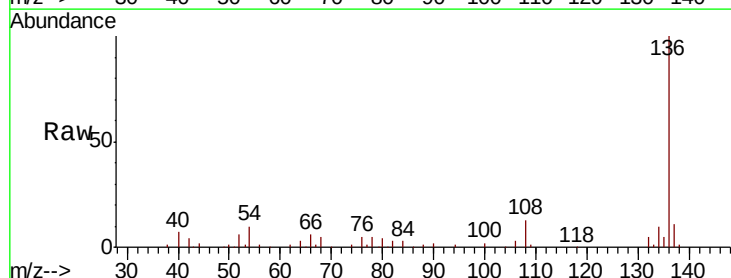
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 10.2 8.5 12.7

68 4.9 3.5 5.3

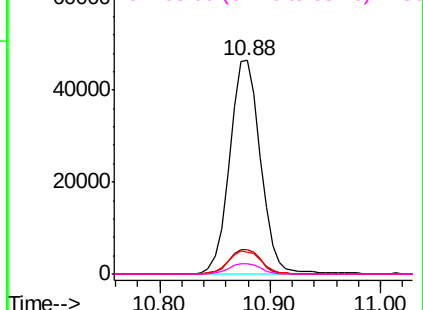


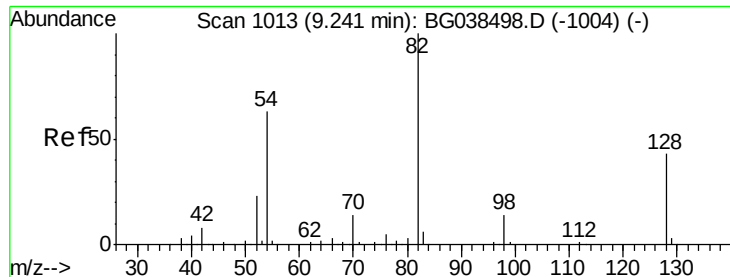
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

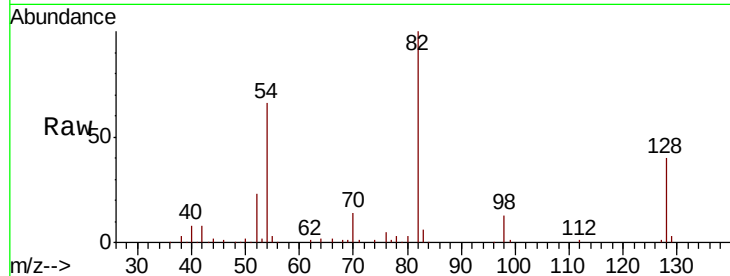




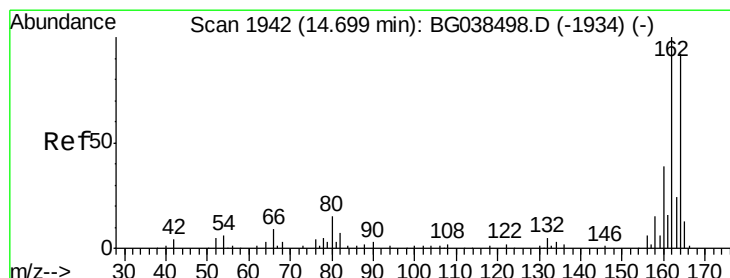
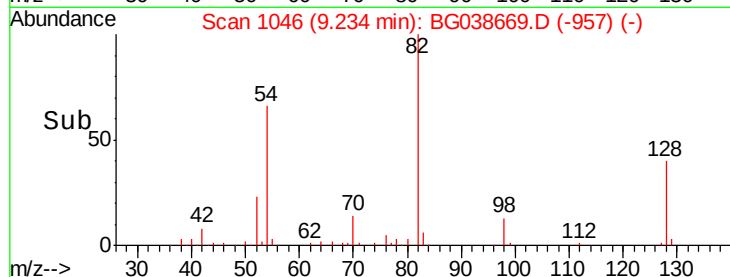
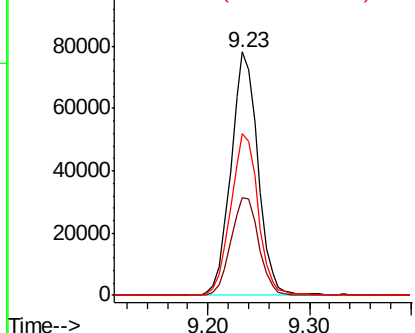
#23
 Nitrobenzene-d5
 Concen: 80.878 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038669.D
 Acq: 17 Dec 2018 19:02

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS017-0006-01

Tgt Ion: 82 Resp: 144412
 Ion Ratio Lower Upper
 82 100
 128 40.1 34.6 52.0
 54 66.5 50.6 76.0

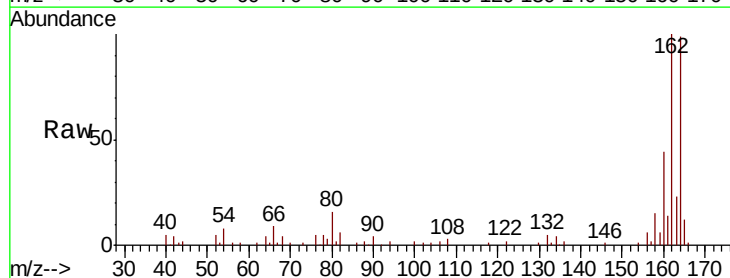


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

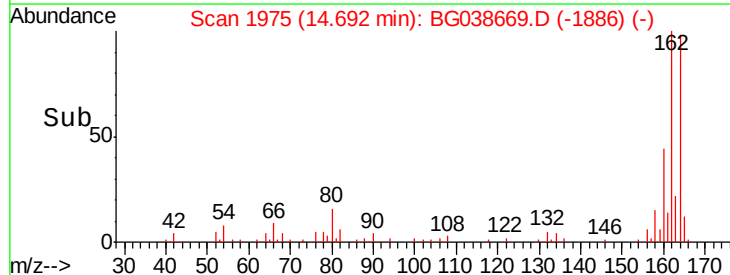
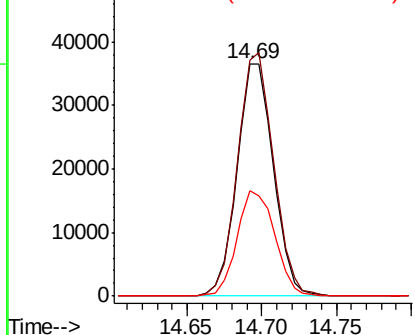


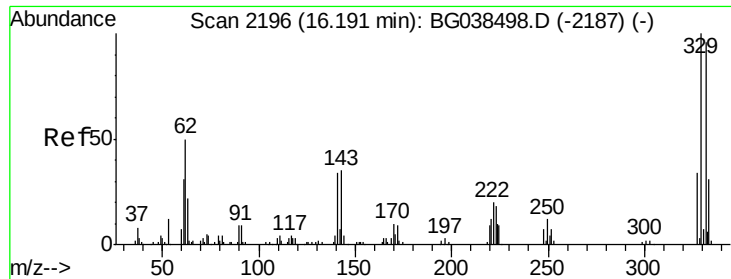
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG038669.D
 Acq: 17 Dec 2018 19:02

Tgt Ion: 164 Resp: 61734
 Ion Ratio Lower Upper
 164 100
 162 101.3 86.6 130.0
 160 45.1 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

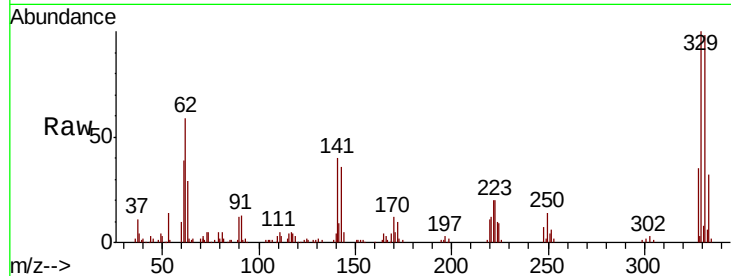




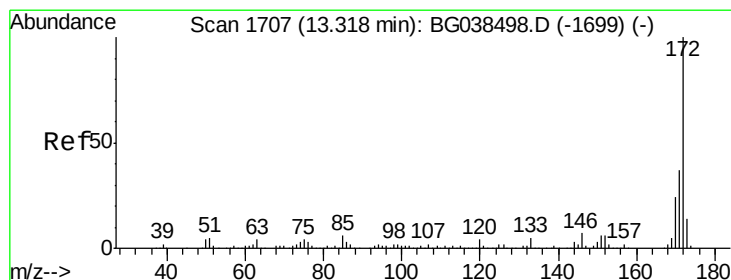
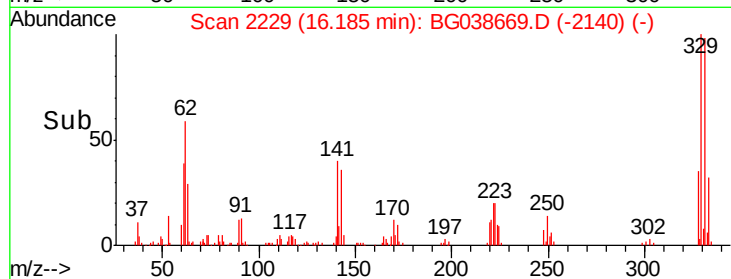
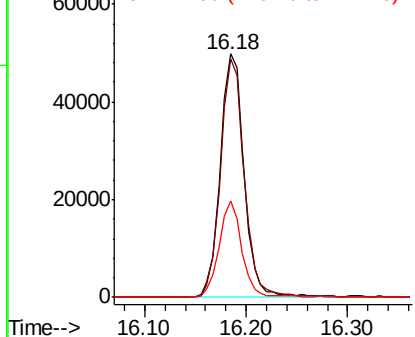
#42
 2,4,6-Tribromophenol
 Concen: 96.188 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038669.D
 Acq: 17 Dec 2018 19:02

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS017-0006-01

Tgt Ion:330 Resp: 81837
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.9 115.3
 141 37.1 28.8 43.2

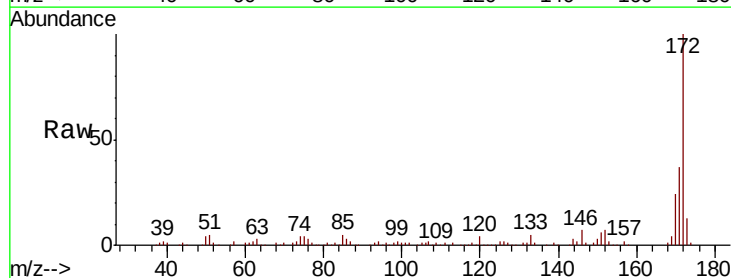


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

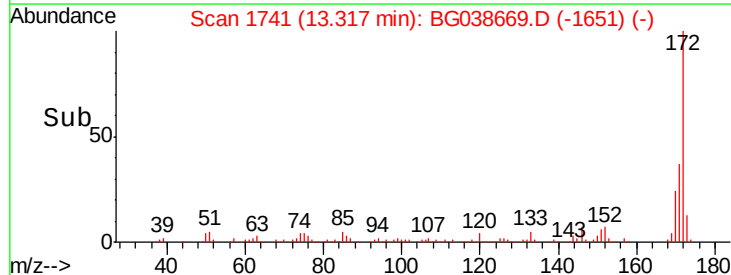
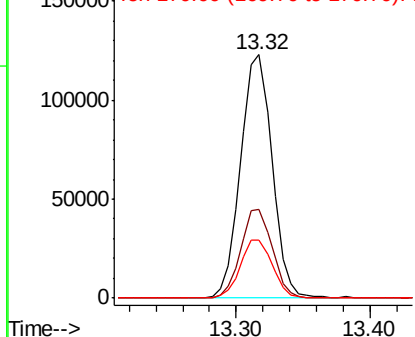


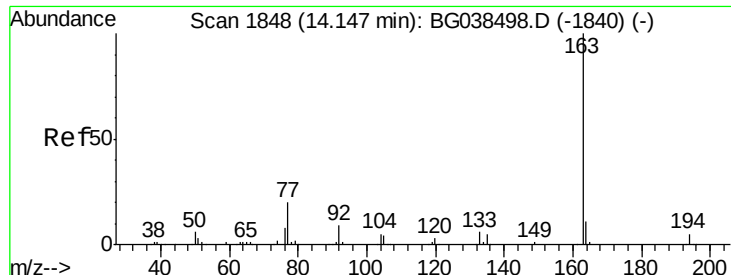
#45
 2-Fluorobiphenyl
 Concen: 44.773 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038669.D
 Acq: 17 Dec 2018 19:02

Tgt Ion:172 Resp: 201479
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.8 44.6
 170 24.0 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





#50

Dimethylphthalate

Concen: 3.209 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG038669.D

Acq: 17 Dec 2018 19:02

Instrument :

BNA_G

ClientSampleId :

P001-SS017-0006-01

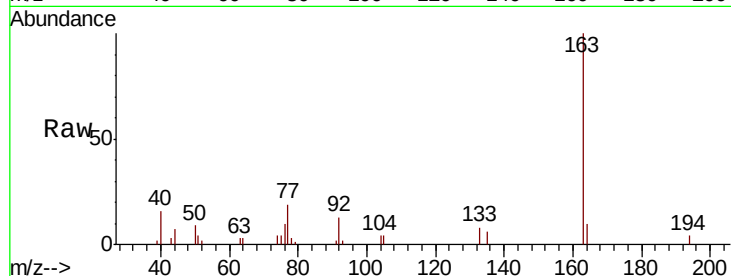
Tgt Ion:163 Resp: 16178

Ion Ratio Lower Upper

163 100

194 3.8 3.7 5.5

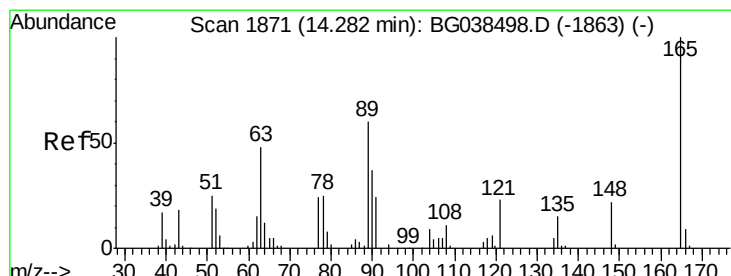
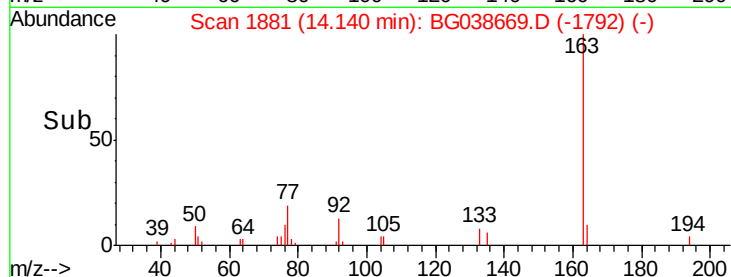
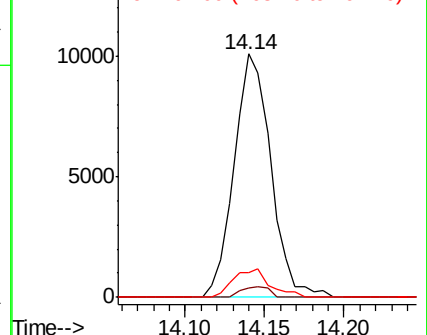
164 10.2 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 6.591 ng

RT: 14.70 min Scan# 1976

Delta R.T. 0.42 min

Lab File: BG038669.D

Acq: 17 Dec 2018 19:02

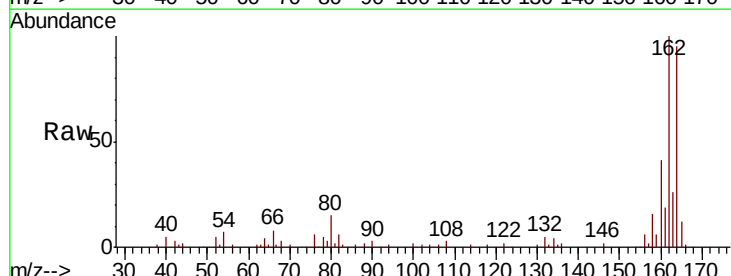
Tgt Ion:165 Resp: 7530

Ion Ratio Lower Upper

165 100

63 4.7 51.8 77.6#

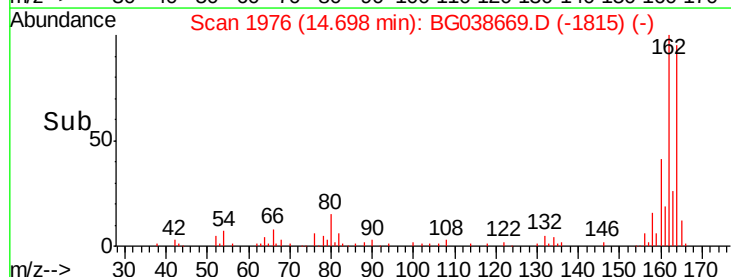
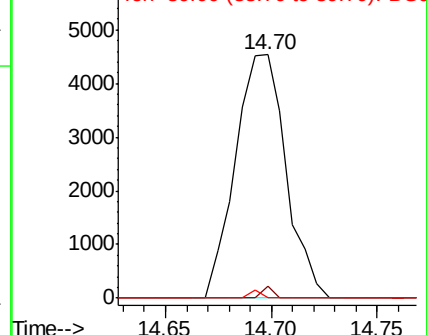
89 0.0 47.9 71.9#

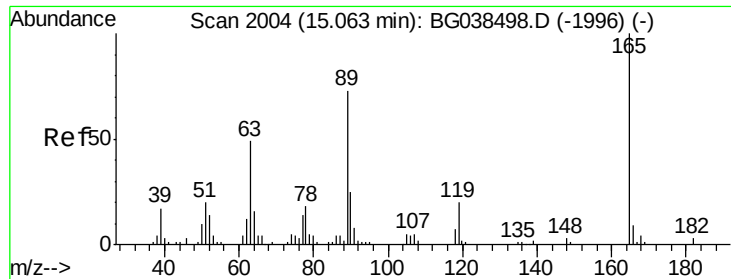


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

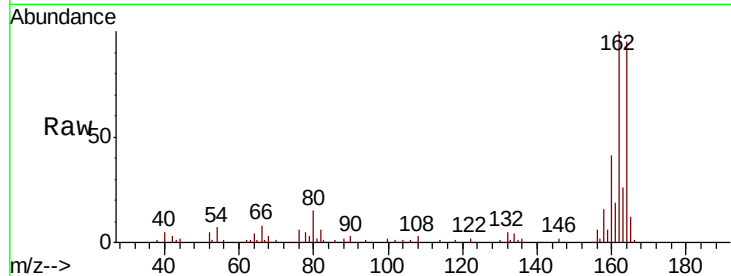




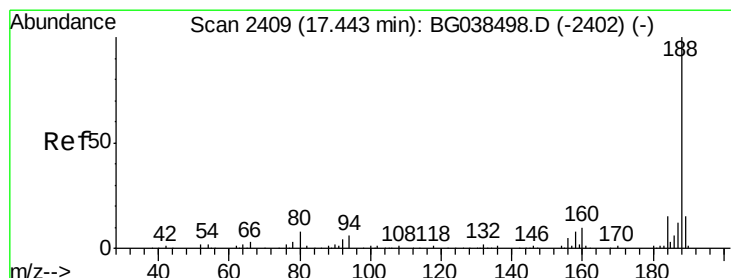
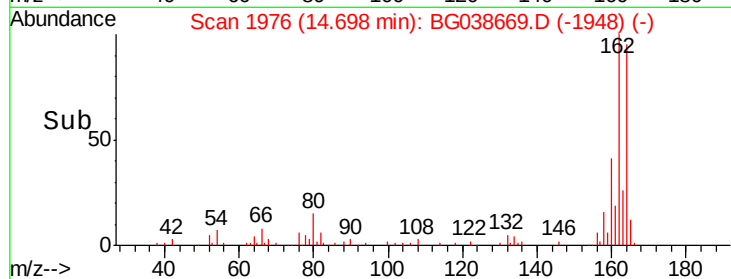
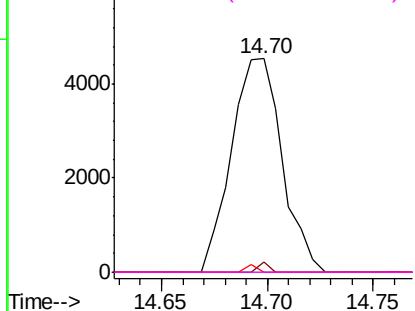
#57
 2,4-Dinitrotoluene
 Concen: 4.680 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.37 min
 Lab File: BG038669.D
 Acq: 17 Dec 2018 19:02

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS017-0006-01

Tgt Ion:	165	Resp:	7530
Ion	Ratio	Lower	Upper
165	100		
63	4.7	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#

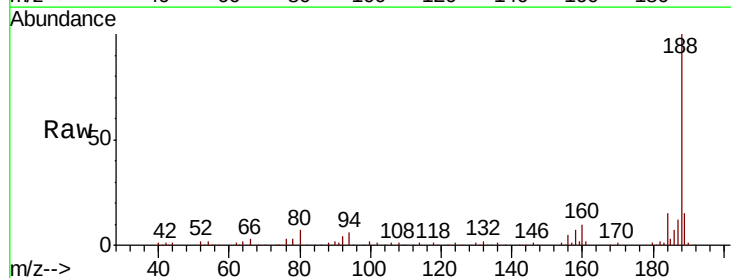


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

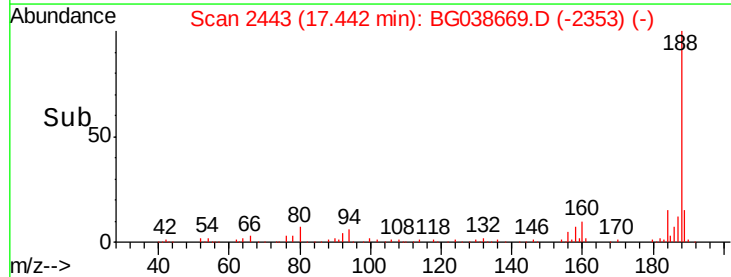
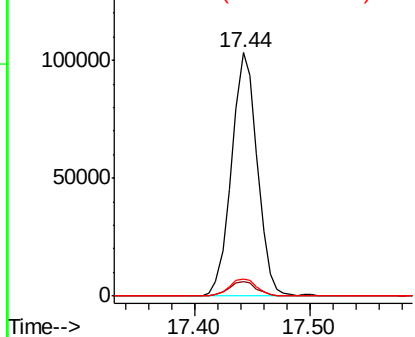


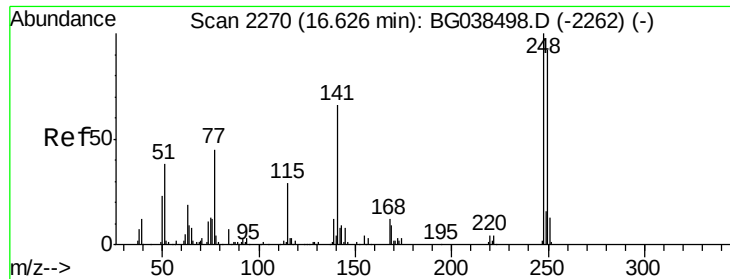
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038669.D
 Acq: 17 Dec 2018 19:02

Tgt Ion:	188	Resp:	159525
Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.1	7.7
80	7.3	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

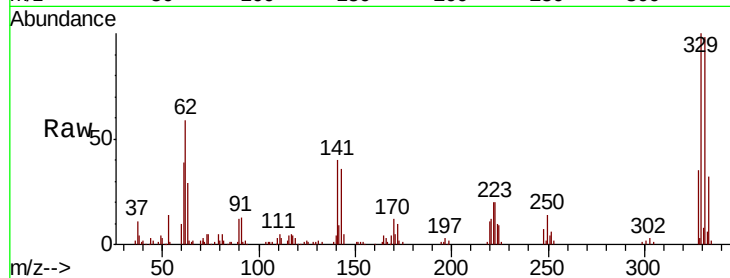




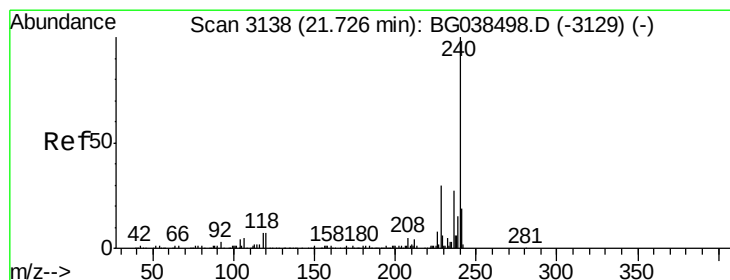
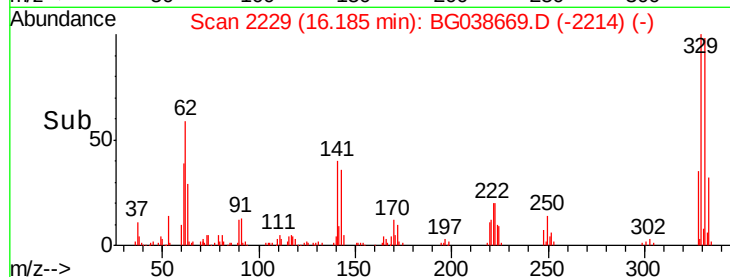
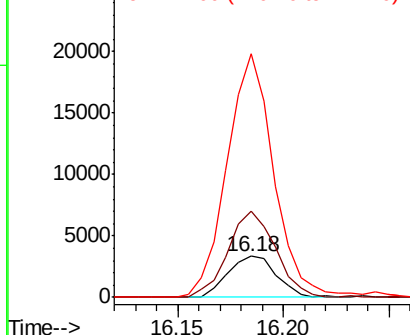
#67
 4-Bromophenyl-phenylether
 Concen: 2.737 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038669.D
 Acq: 17 Dec 2018 19:02

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS017-0006-01

Tgt Ion:248 Resp: 5333
 Ion Ratio Lower Upper
 248 100
 250 213.2 73.4 110.2#
 141 458.5 52.9 79.3#

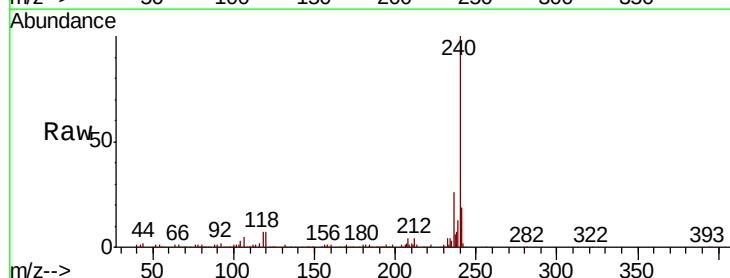


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

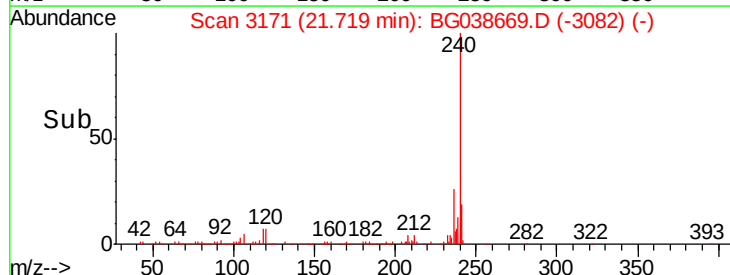
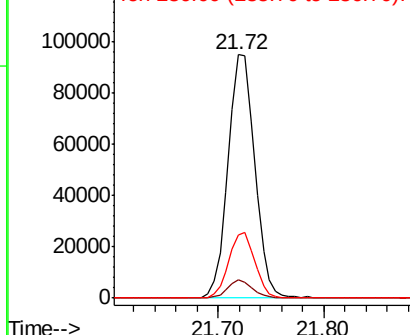


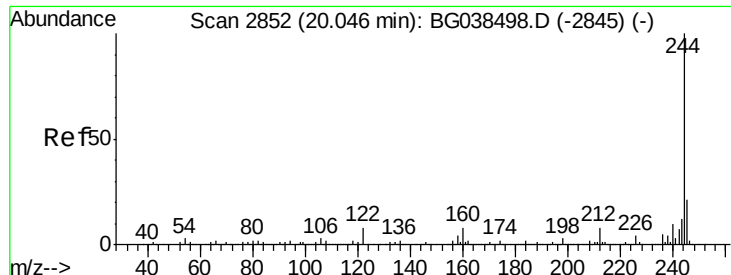
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038669.D
 Acq: 17 Dec 2018 19:02

Tgt Ion:240 Resp: 166724
 Ion Ratio Lower Upper
 240 100
 120 7.4 5.3 7.9
 236 25.9 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





#79

Terphenyl-d14

Concen: 46.720 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038669.D

Acq: 17 Dec 2018 19:02

Instrument :

BNA_G

ClientSampleId :

P001-SS017-0006-01

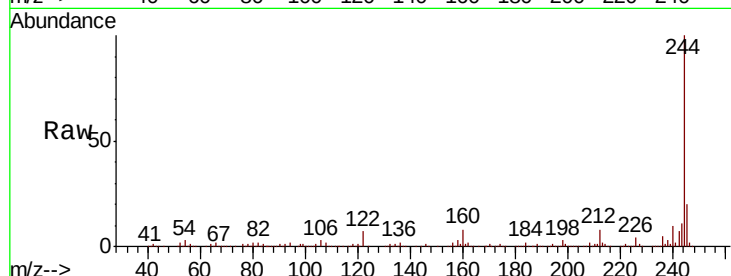
Tgt Ion:244 Resp: 357910

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

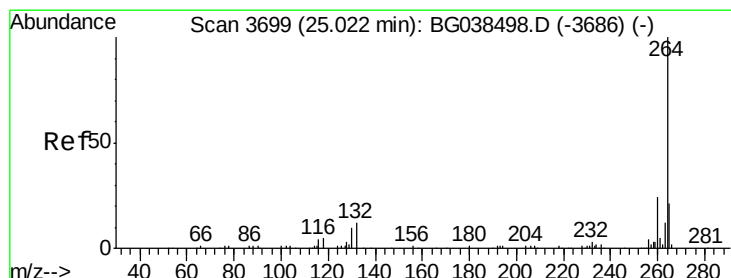
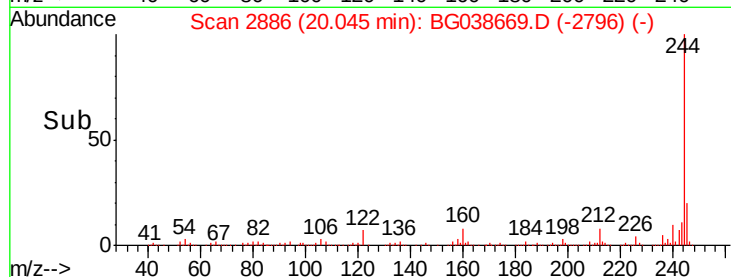
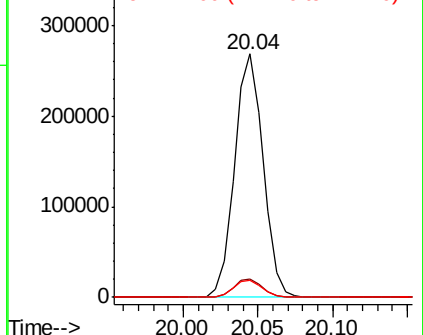
122 7.1 6.3 9.5



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: BG038669.D

Acq: 17 Dec 2018 19:02

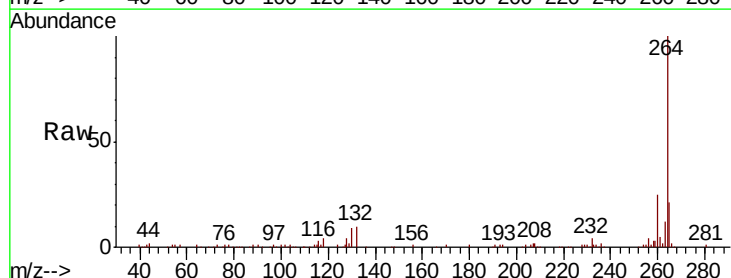
Tgt Ion:264 Resp: 172662

Ion Ratio Lower Upper

264 100

260 25.2 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

