

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
 Data File : BG038662.D
 Acq On : 17 Dec 2018 14:24
 Operator : JU/SJ
 Sample : J6378-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SD009-0006-01

Quant Time: Dec 18 02:56:40 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

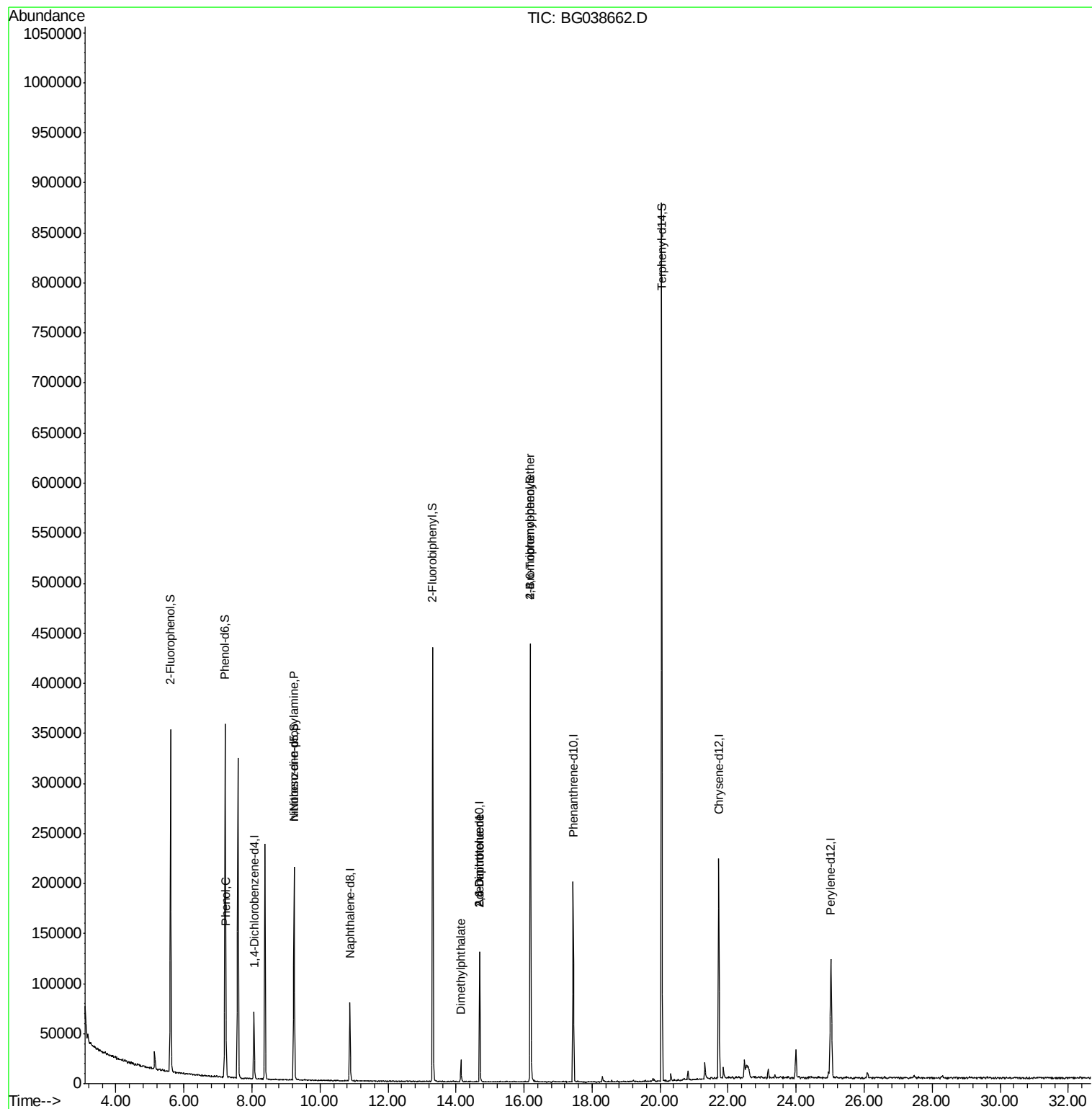
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	18057	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	71395	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	48156	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	129809	20.00	ng	0.00
76) Chrysene-d12	21.72	240	141585	20.00	ng	0.00
87) Perylene-d12	25.02	264	148826	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	141580	139.07	ng	0.00
7) Phenol-d6	7.21	99	190878	136.57	ng	0.00
23) Nitrobenzene-d5	9.23	82	123663	88.49	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	85790	129.26	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	230390	65.63	ng	0.00
79) Terphenyl-d14	20.05	244	431921	66.39	ng	0.00
Target Compounds						
10) Phenol	7.24	94	11910	8.021	ng	87
19) n-Nitroso-di-n-propylamine	9.23	70	16737	17.051	ng	# 70
50) Dimethylphthalate	14.14	163	17108	4.350	ng	# 96
51) 2,6-Dinitrotoluene	14.70	165	6085	6.828	ng	# 22
57) 2,4-Dinitrotoluene	14.70	165	6085	4.848	ng	# 24
67) 4-Bromophenyl-phenylether	16.18	248	6064	3.825	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: BG038662.D

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P001-SD009-0006-01

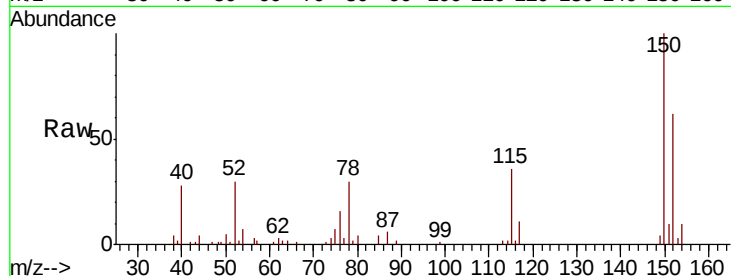
Tgt Ion:152 Resp: 18057

Ion Ratio Lower Upper

152 100

150 162.3 119.5 179.3

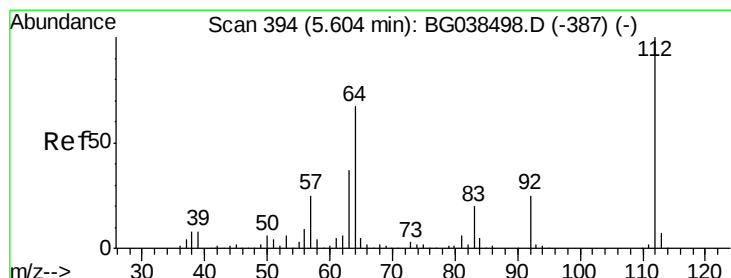
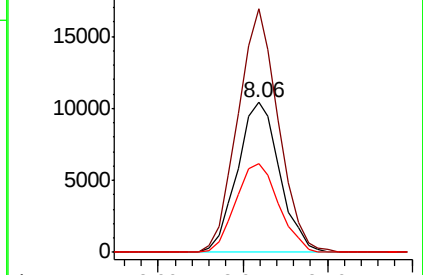
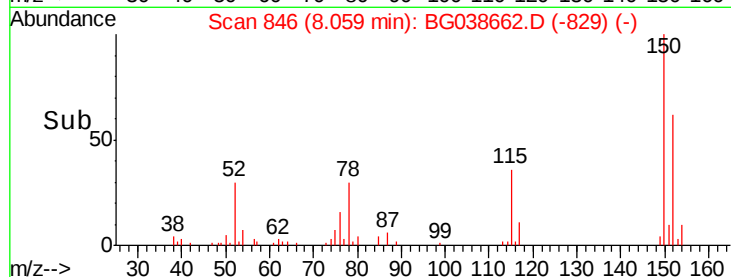
115 58.8 49.6 74.4



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: 139.067 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038662.D

Acq: 17 Dec 2018 14:24

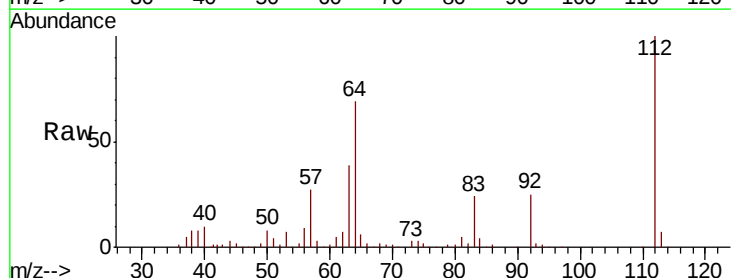
Tgt Ion:112 Resp: 141580

Ion Ratio Lower Upper

112 100

64 68.7 53.4 80.2

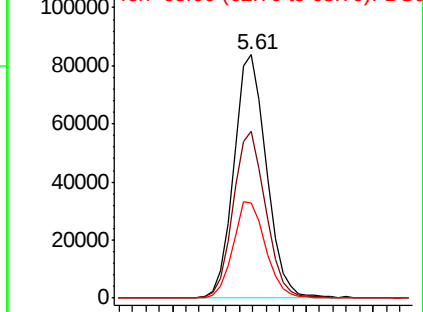
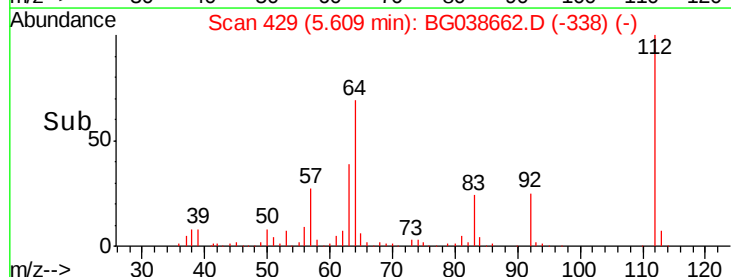
63 39.1 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 136.574 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038662.D

Acq: 17 Dec 2018 14:24

Instrument :

BNA_G

ClientSampleId :

P001-SD009-0006-01

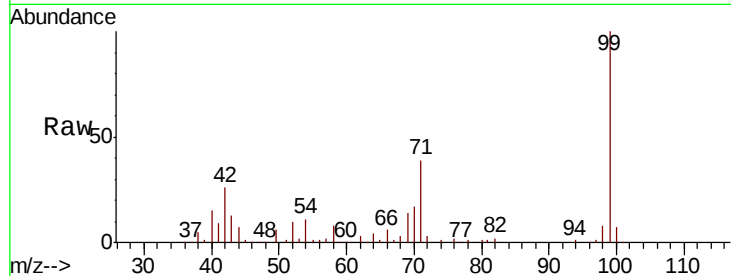
Tgt Ion: 99 Resp: 190878

Ion Ratio Lower Upper

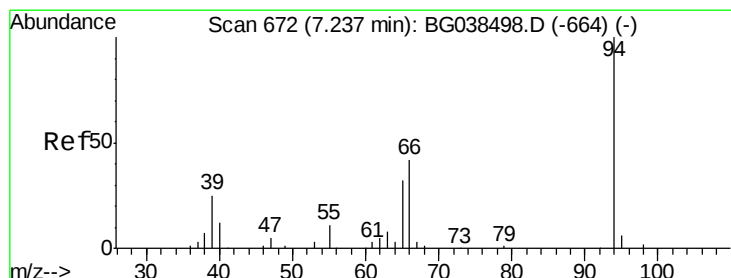
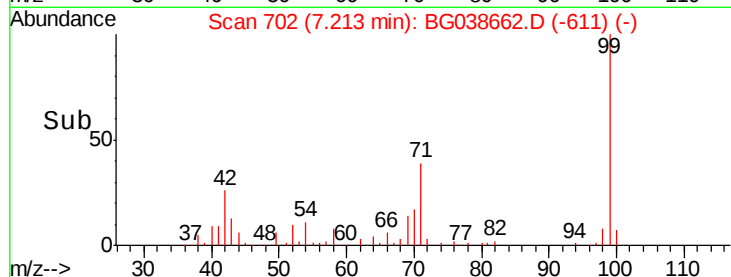
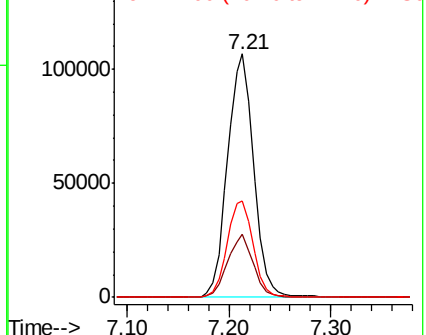
99 100

42 26.0 18.5 27.7

71 39.4 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: 8.021 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038662.D

Acq: 17 Dec 2018 14:24

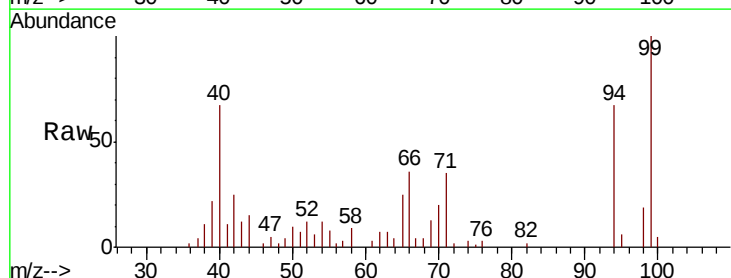
Tgt Ion: 94 Resp: 11910

Ion Ratio Lower Upper

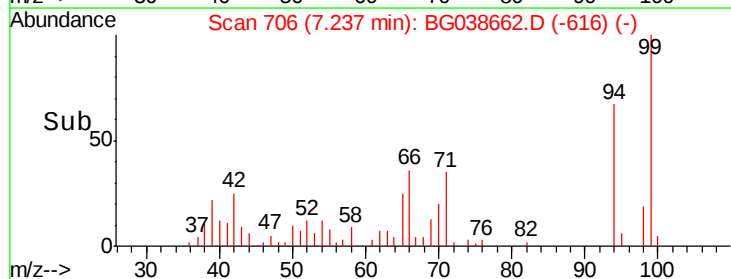
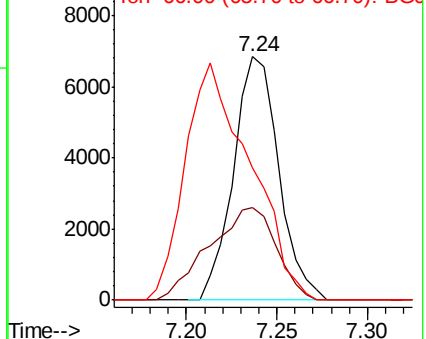
94 100

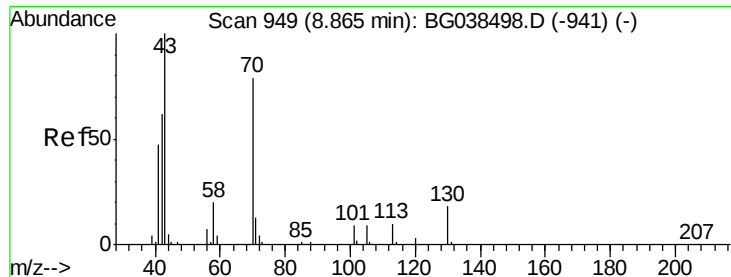
65 37.9 12.6 52.6

66 54.3 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

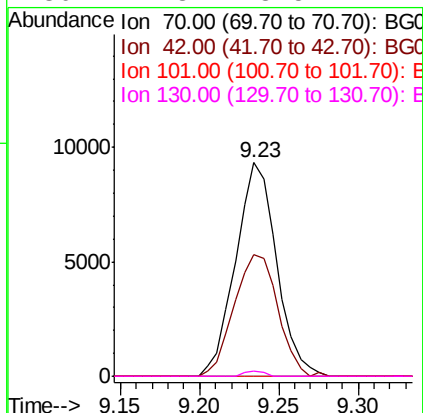
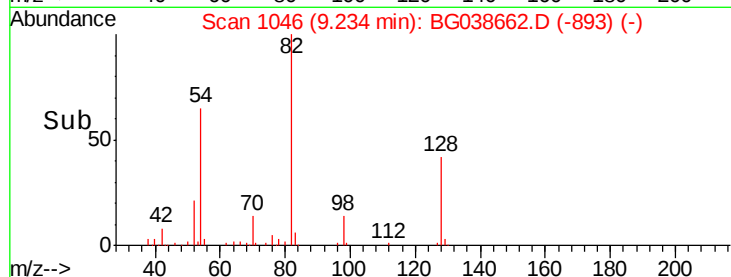
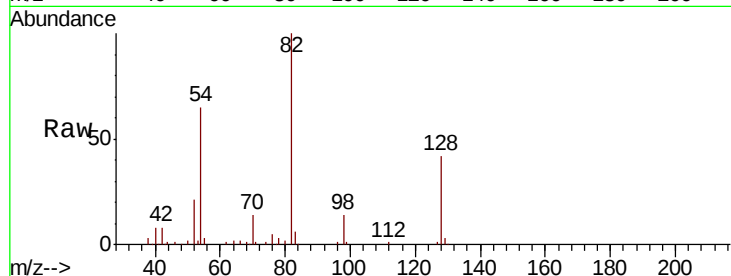




#19
n-Nitroso-di-n-propylamine
Concen: 17.051 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038662.D
Acq: 17 Dec 2018 14:24

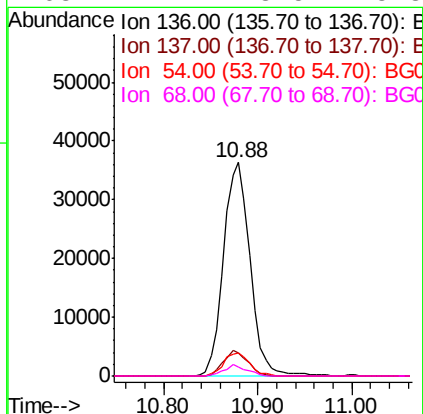
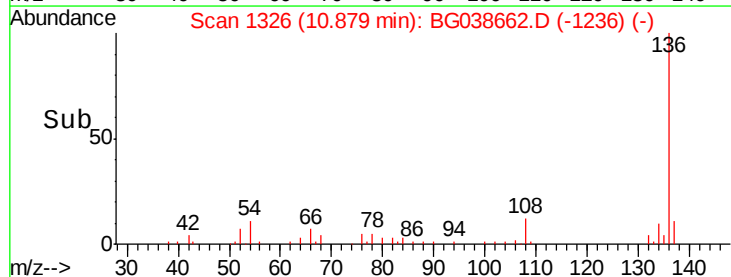
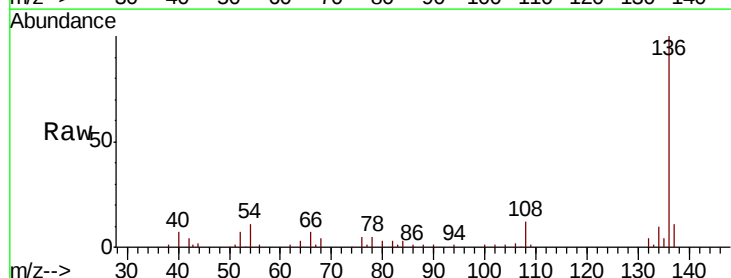
Instrument :
BNA_G
ClientSampleId :
P001-SD009-0006-01

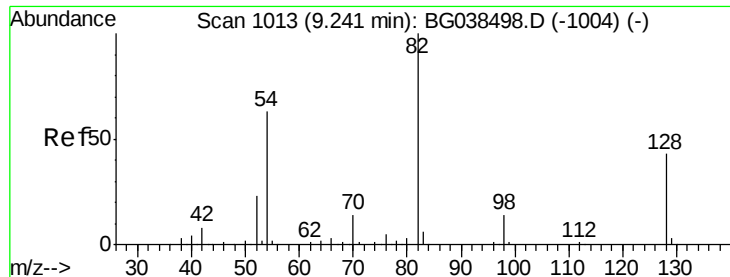
Tgt Ion: 70 Resp: 16737
Ion Ratio Lower Upper
70 100
42 56.9 63.6 95.4#
101 0.0 9.2 13.8#
130 2.3 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038662.D
Acq: 17 Dec 2018 14:24

Tgt Ion: 136 Resp: 71395
Ion Ratio Lower Upper
136 100
137 11.1 9.3 13.9
54 10.7 8.5 12.7
68 4.1 3.5 5.3

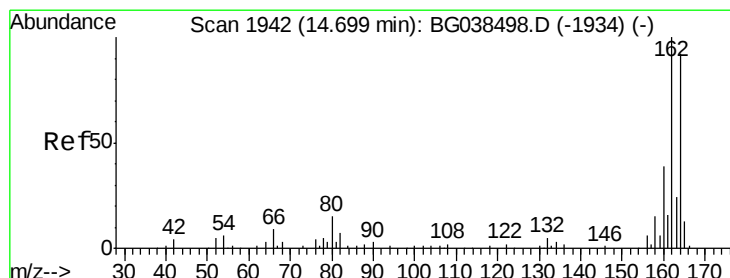
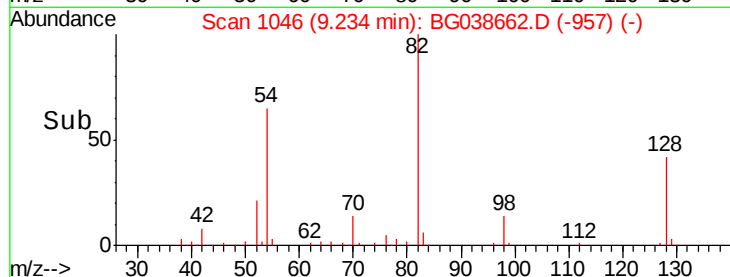
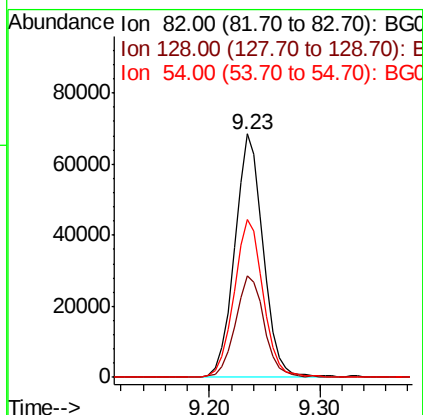
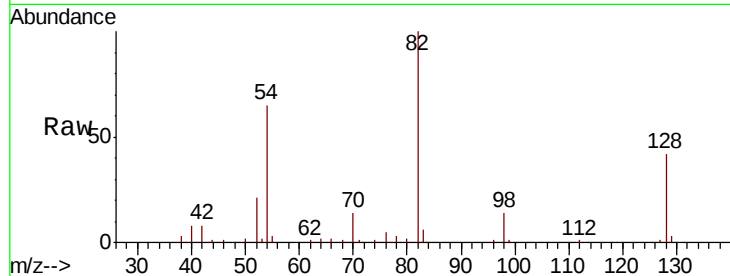




#23
 Nitrobenzene-d5
 Concen: 88.488 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038662.D
 Acq: 17 Dec 2018 14:24

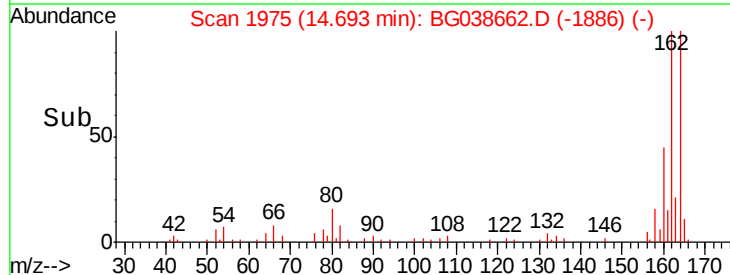
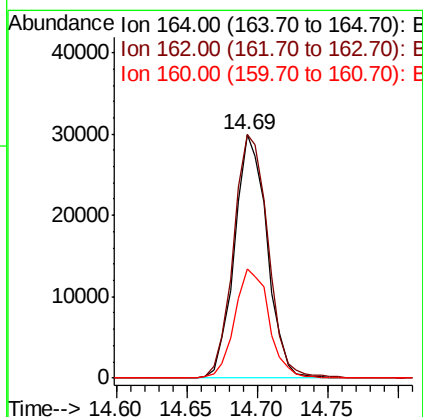
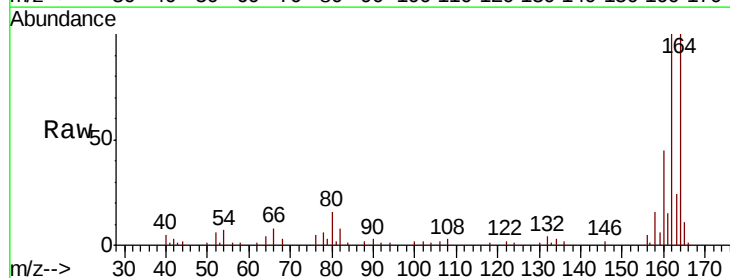
Instrument :
 BNA_G
 ClientSampleId :
 P001-SD009-0006-01

Tgt Ion: 82 Resp: 123663
 Ion Ratio Lower Upper
 82 100
 128 41.6 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. -0.01 min
 Lab File: BG038662.D
 Acq: 17 Dec 2018 14:24

Tgt Ion: 164 Resp: 48156
 Ion Ratio Lower Upper
 164 100
 162 99.9 86.6 130.0
 160 44.9 34.2 51.2

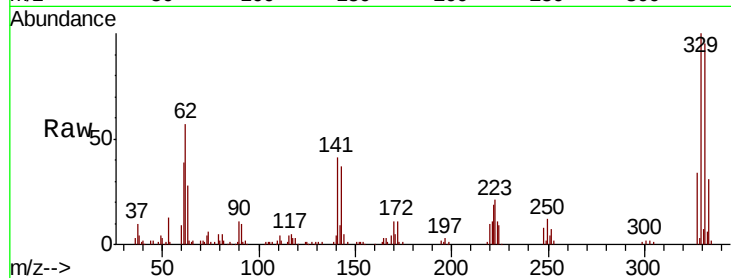




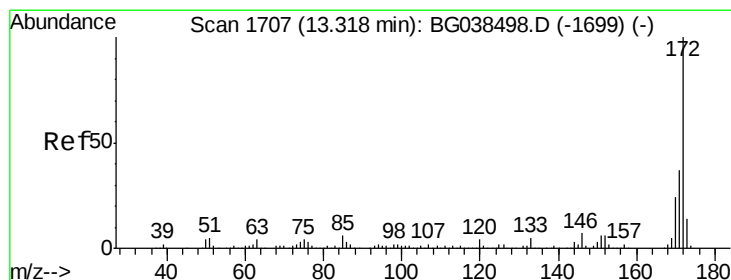
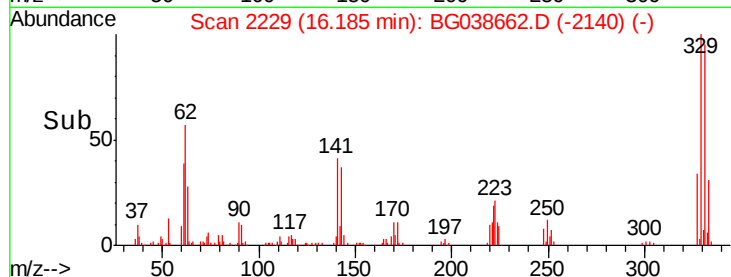
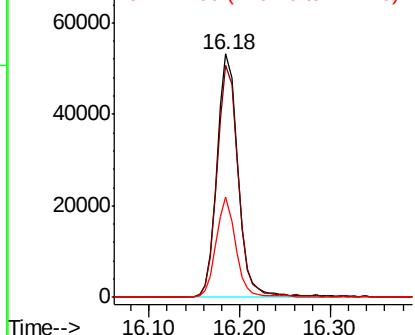
#42
 2,4,6-Tribromophenol
 Concen: 129.265 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038662.D
 Acq: 17 Dec 2018 14:24

Instrument :
 BNA_G
 ClientSampleId :
 P001-SD009-0006-01

Tgt Ion:330 Resp: 85790
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.9 115.3
 141 38.5 28.8 43.2

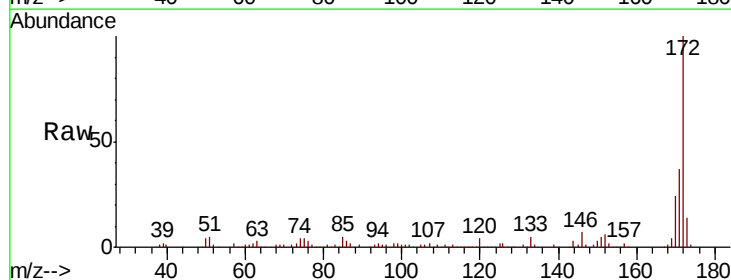


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

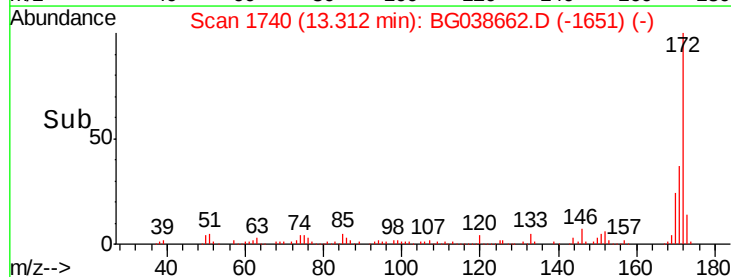
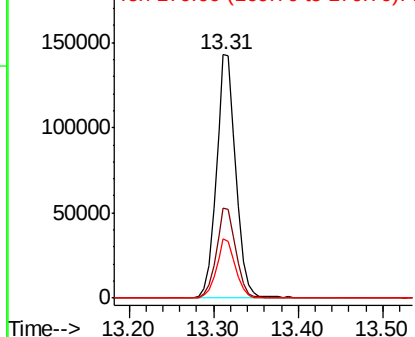


#45
 2-Fluorobiphenyl
 Concen: 65.633 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038662.D
 Acq: 17 Dec 2018 14:24

Tgt Ion:172 Resp: 230390
 Ion Ratio Lower Upper
 172 100
 171 36.7 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





#50

Dimethylphthalate

Concen: 4.350 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG038662.D

Acq: 17 Dec 2018 14:24

Instrument :

BNA_G

ClientSampleId :

P001-SD009-0006-01

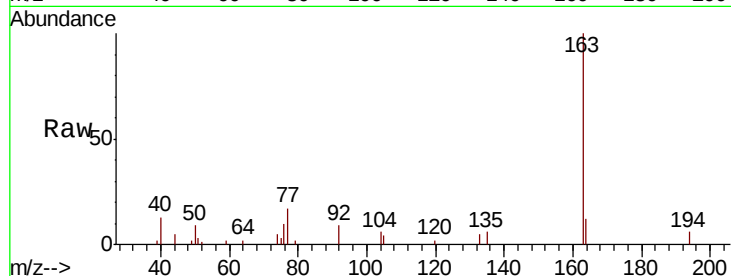
Tgt Ion:163 Resp: 17108

Ion Ratio Lower Upper

163 100

194 5.7 3.7 5.5#

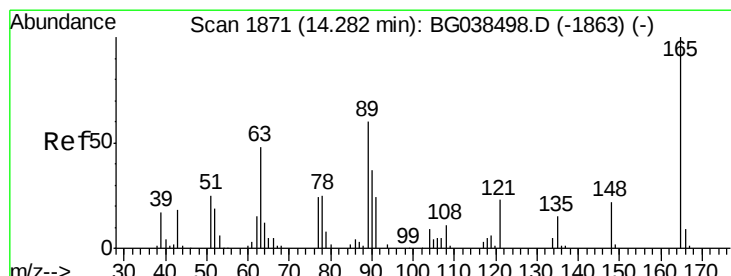
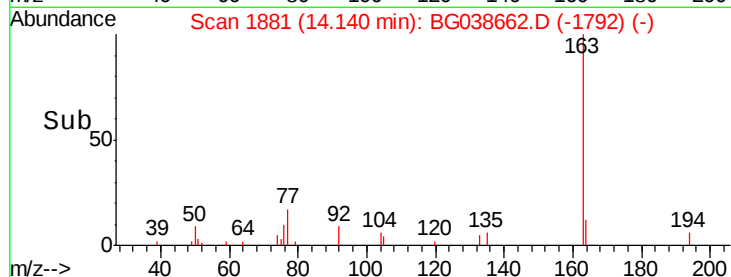
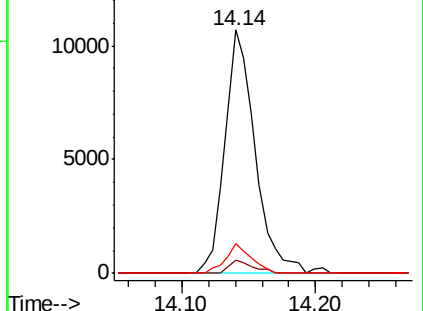
164 12.4 8.6 12.8



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: 6.828 ng

RT: 14.70 min Scan# 1976

Delta R.T. 0.42 min

Lab File: BG038662.D

Acq: 17 Dec 2018 14:24

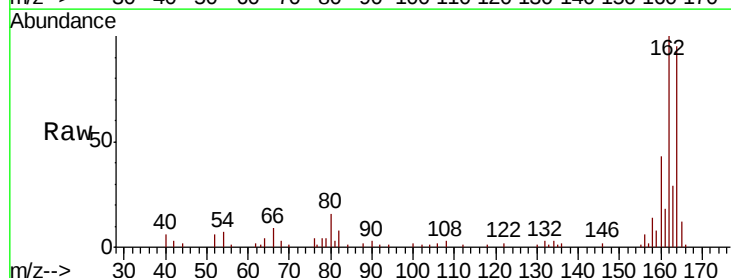
Tgt Ion:165 Resp: 6085

Ion Ratio Lower Upper

165 100

63 4.8 51.8 77.6#

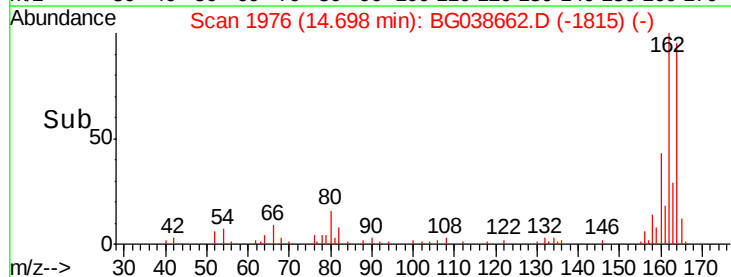
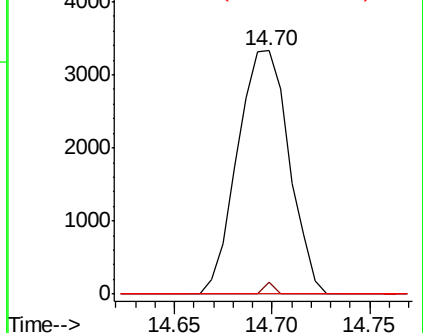
89 0.0 47.9 71.9#

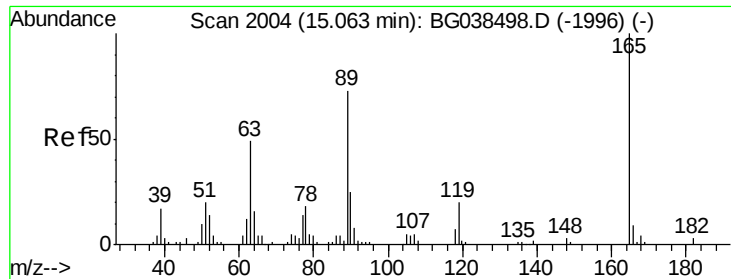


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

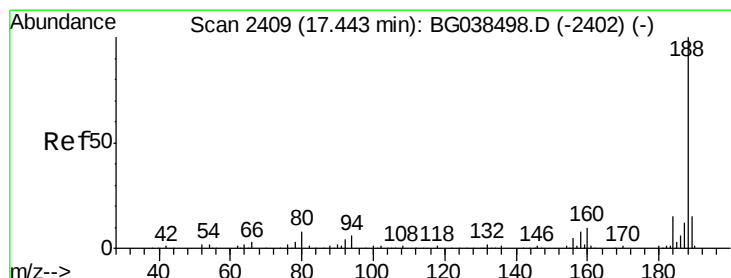
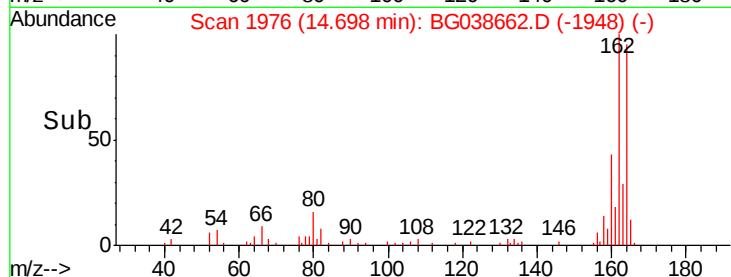
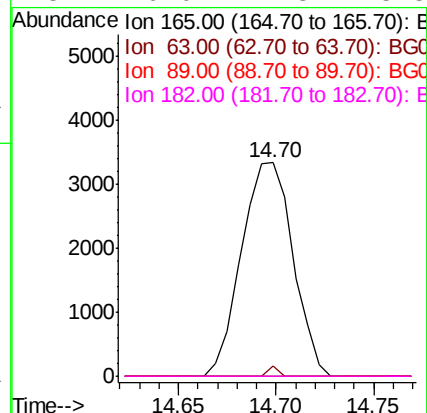
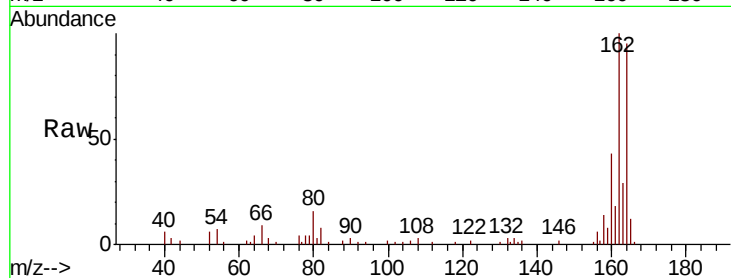




#57
 2,4-Dinitrotoluene
 Concen: 4.848 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.36 min
 Lab File: BG038662.D
 Acq: 17 Dec 2018 14:24

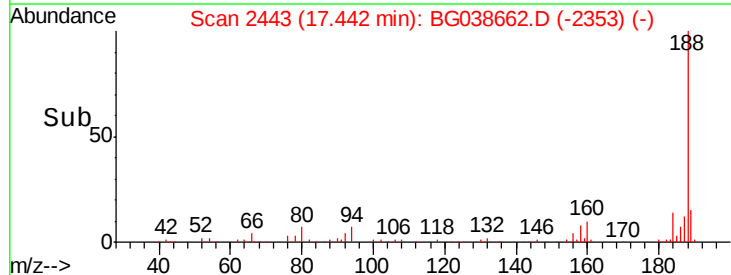
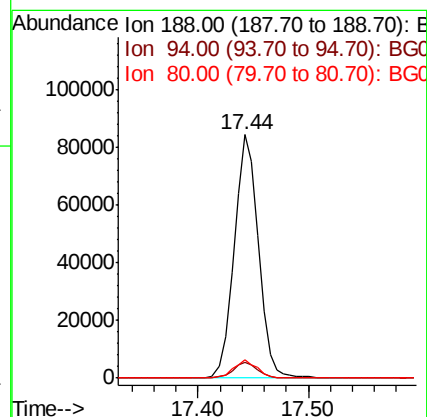
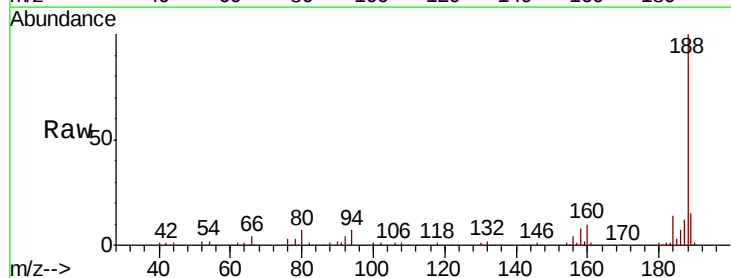
Instrument :
 BNA_G
 ClientSampleId :
 P001-SD009-0006-01

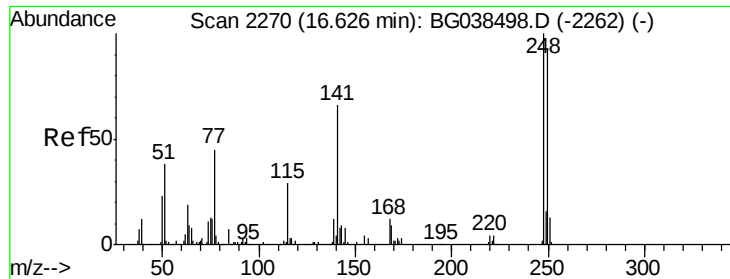
Tgt Ion	Ratio	Lower	Upper
165	100		
63	4.8	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038662.D
 Acq: 17 Dec 2018 14:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.1	7.7
80	7.4	6.1	9.1

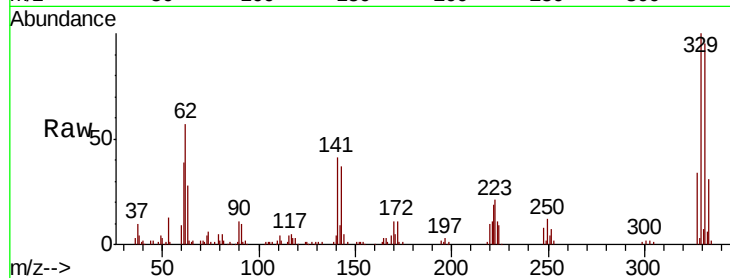




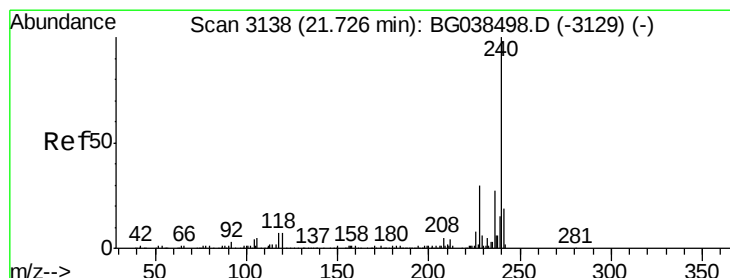
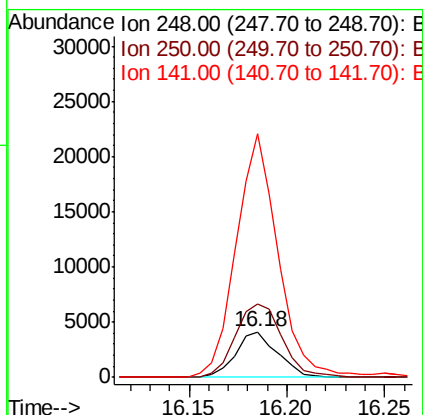
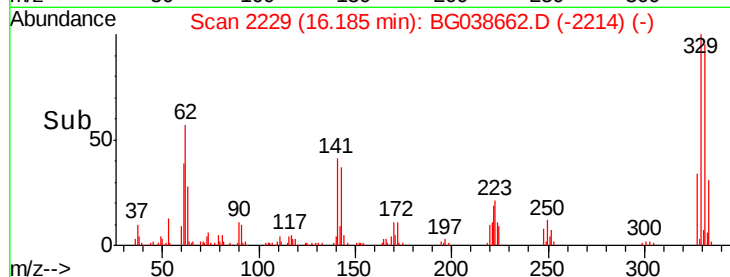
#67
4-Bromophenyl-phenylether
Concen: 3.825 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038662.D
Acq: 17 Dec 2018 14:24

Instrument :
BNA_G
ClientSampleId :
P001-SD009-0006-01

Tgt Ion:248 Resp: 6064
Ion Ratio Lower Upper
248 100
250 159.8 73.4 110.2#
141 406.6 52.9 79.3#

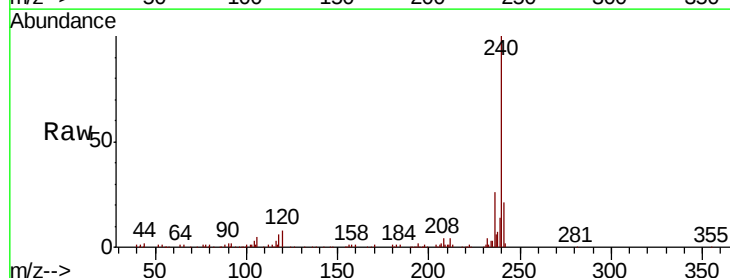


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

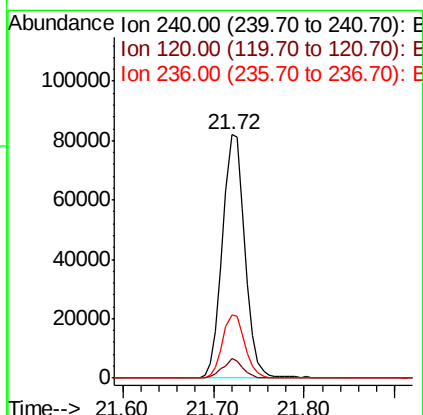
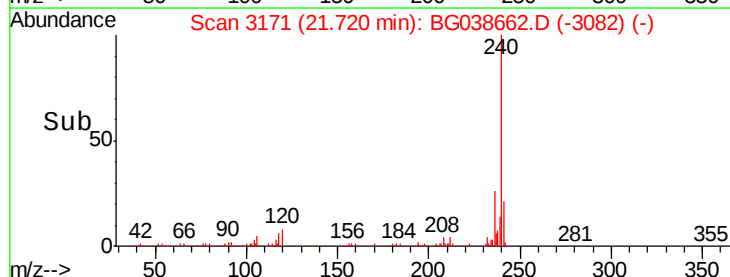


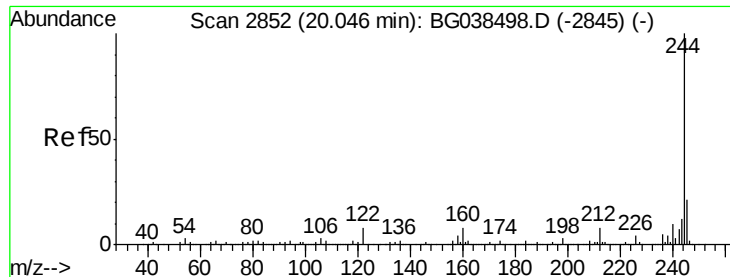
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038662.D
Acq: 17 Dec 2018 14:24

Tgt Ion:240 Resp: 141585
Ion Ratio Lower Upper
240 100
120 7.9 5.3 7.9
236 25.7 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: 66.391 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038662.D

Acq: 17 Dec 2018 14:24

Instrument :

BNA_G

ClientSampleId :

P001-SD009-0006-01

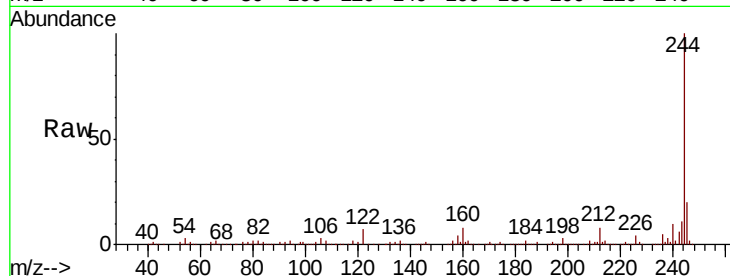
Tgt Ion:244 Resp: 431921

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

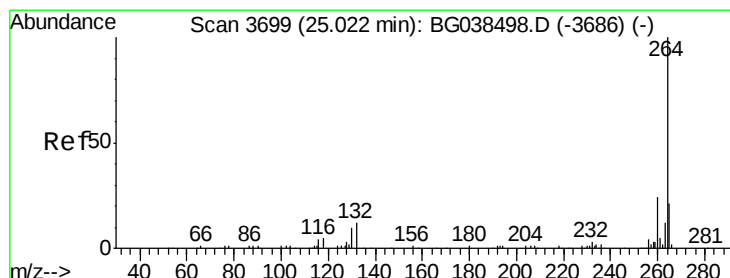
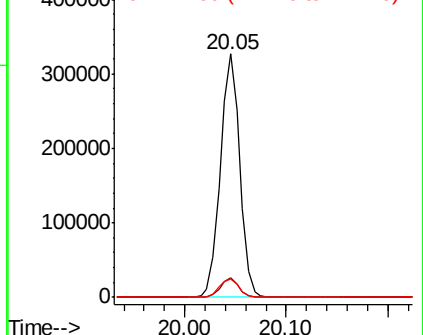
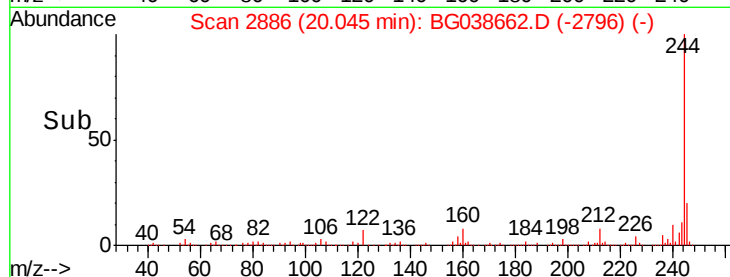
122 7.4 6.3 9.5



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: BG038662.D

Acq: 17 Dec 2018 14:24

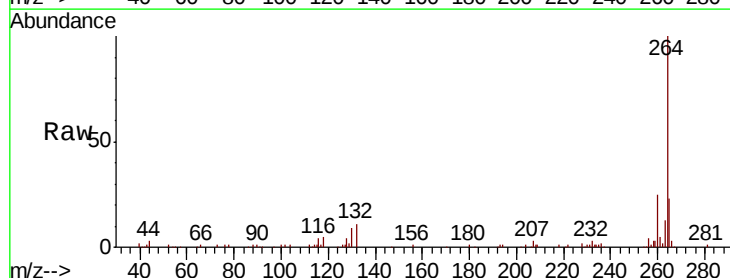
Tgt Ion:264 Resp: 148826

Ion Ratio Lower Upper

264 100

260 25.2 18.9 28.3

265 22.6 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

