

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
 Data File : BG038661.D
 Acq On : 17 Dec 2018 13:45
 Operator : JU/SJ
 Sample : J6378-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SD007-0612-01

Quant Time: Dec 18 02:56:31 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

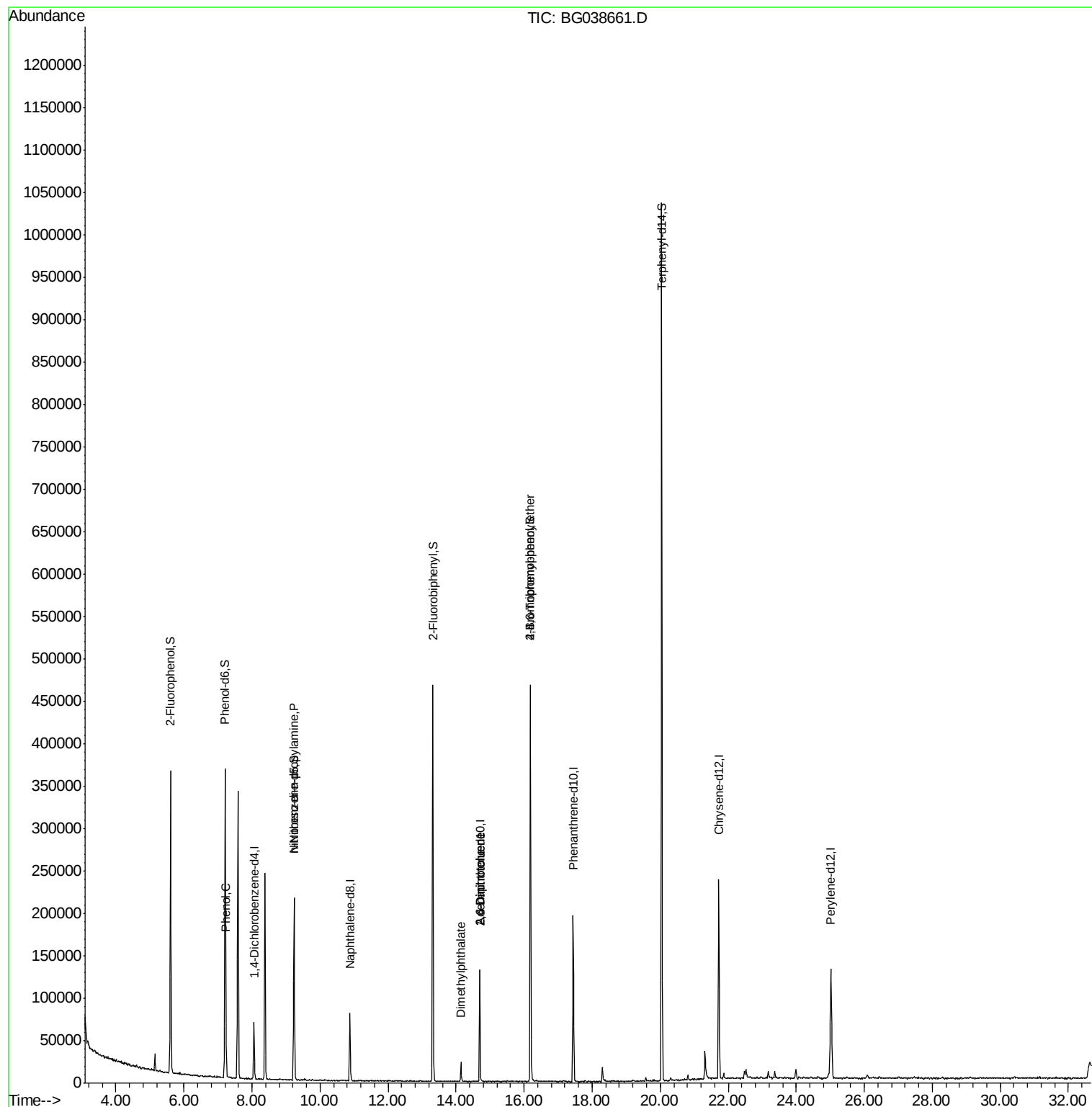
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	18319	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	71286	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	48331	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	132568	20.00	ng	0.00
76) Chrysene-d12	21.73	240	147905	20.00	ng	0.00
87) Perylene-d12	25.02	264	156682	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	146950	142.28	ng	0.00
7) Phenol-d6	7.21	99	196506	138.59	ng	0.00
23) Nitrobenzene-d5	9.23	82	128609	92.17	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	89685	134.64	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	250341	71.06	ng	0.00
79) Terphenyl-d14	20.04	244	492073	72.41	ng	0.00
Target Compounds						
10) Phenol	7.24	94	12104	8.035	ng	86
19) n-Nitroso-di-n-propylamine	9.24	70	16775	16.845	ng	# 66
50) Dimethylphthalate	14.14	163	15899	4.028	ng	# 96
51) 2,6-Dinitrotoluene	14.70	165	6127	6.850	ng	# 19
57) 2,4-Dinitrotoluene	14.70	165	6127	4.864	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	6264	3.869	ng	# 1

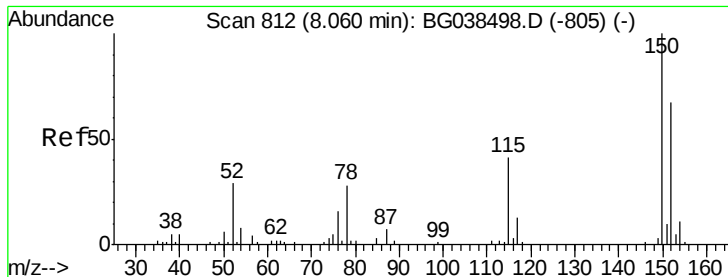
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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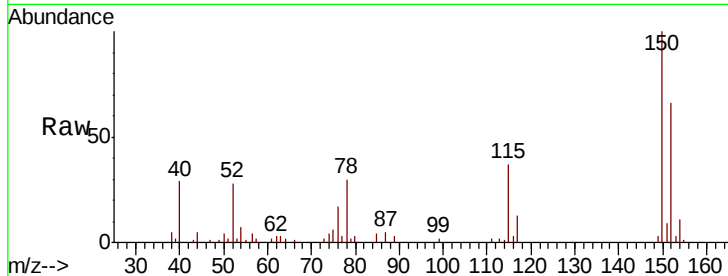


#1

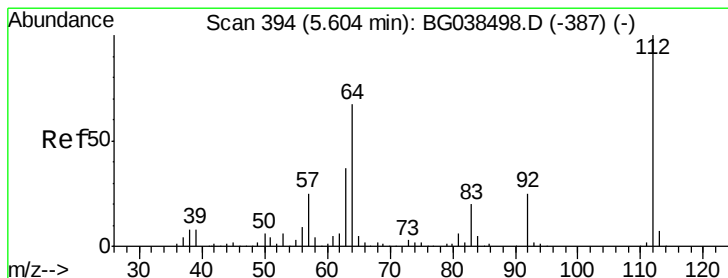
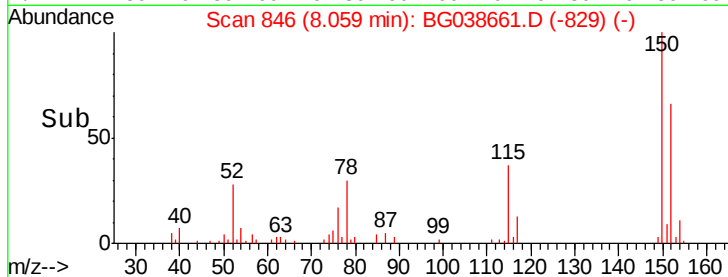
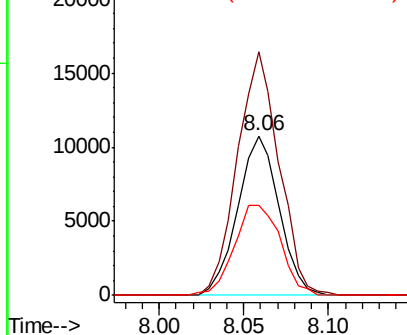
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038661.D
Acq: 17 Dec 2018 13:45

Instrument :
BNA_G
ClientSampleId :
P001-SD007-0612-01

Tgt Ion:152 Resp: 18319
Ion Ratio Lower Upper
152 100
150 152.5 119.5 179.3
115 56.1 49.6 74.4



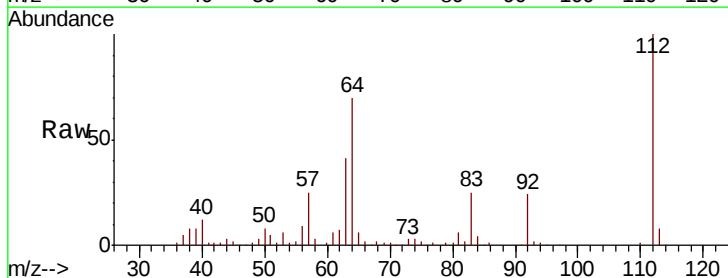
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



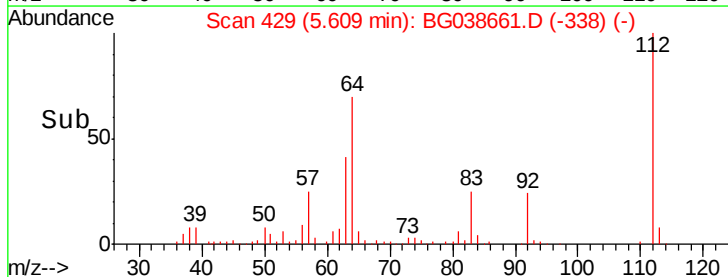
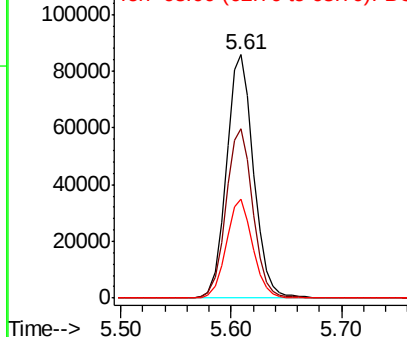
#5

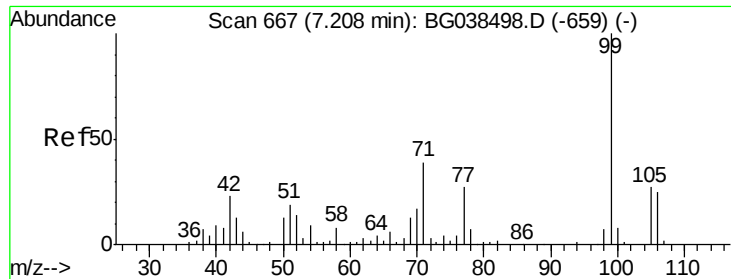
2-Fluorophenol
Concen: 142.278 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038661.D
Acq: 17 Dec 2018 13:45

Tgt Ion:112 Resp: 146950
Ion Ratio Lower Upper
112 100
64 69.8 53.4 80.2
63 40.9 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: 138.590 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038661.D

Acq: 17 Dec 2018 13:45

Instrument :

BNA_G

ClientSampleId :

P001-SD007-0612-01

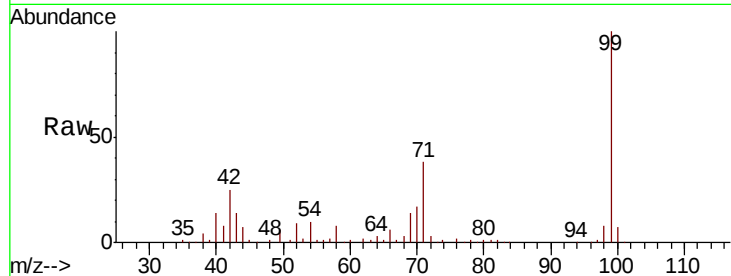
Tgt Ion: 99 Resp: 196506

Ion Ratio Lower Upper

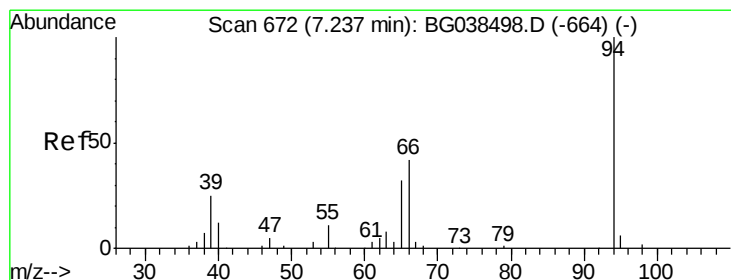
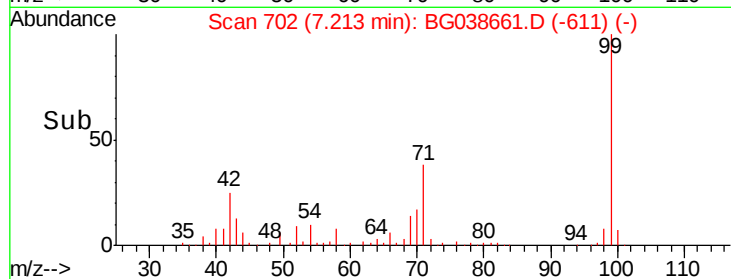
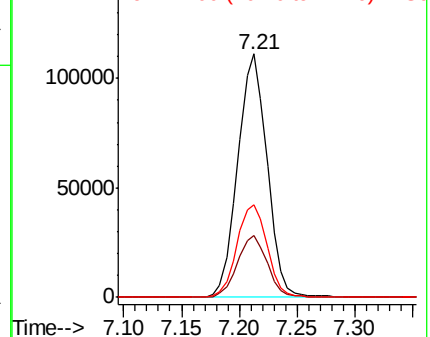
99 100

42 25.4 18.5 27.7

71 37.9 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: 8.035 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038661.D

Acq: 17 Dec 2018 13:45

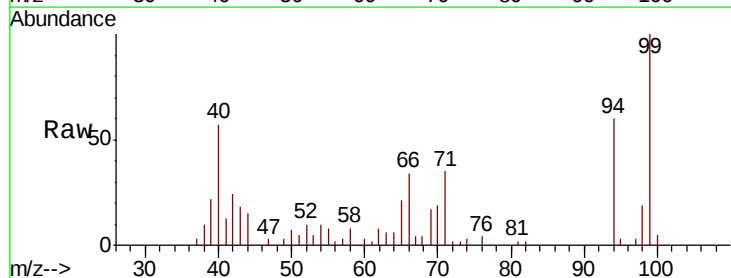
Tgt Ion: 94 Resp: 12104

Ion Ratio Lower Upper

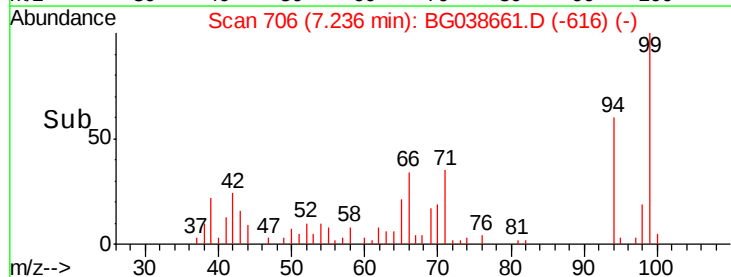
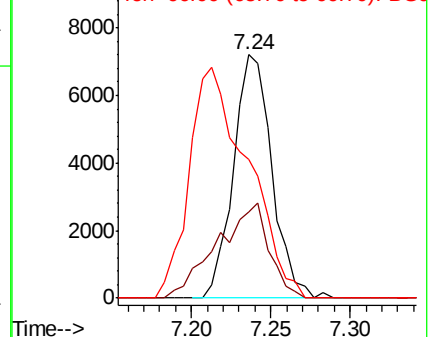
94 100

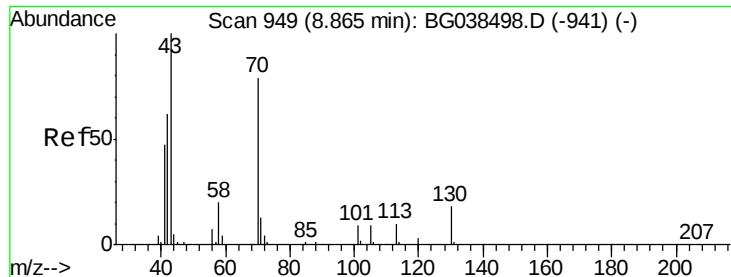
65 35.4 12.6 52.6

66 57.2 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

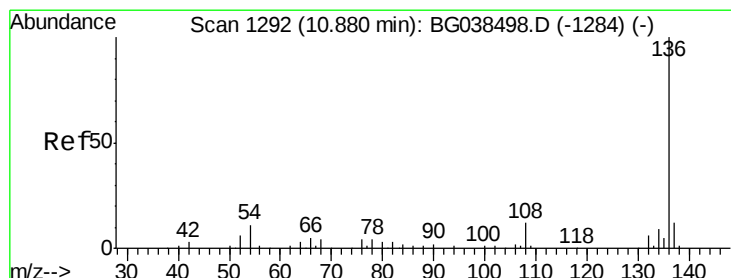
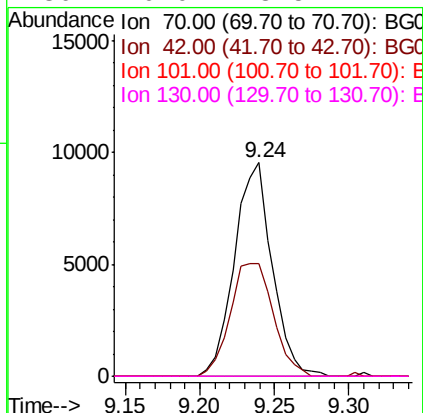
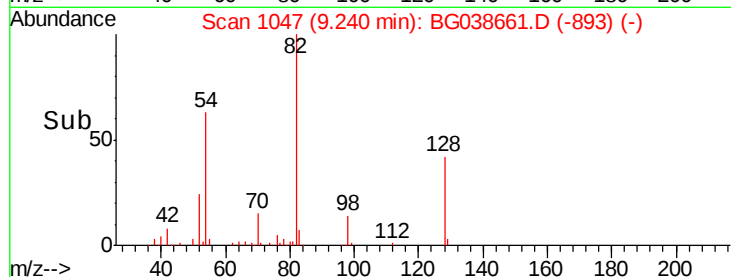
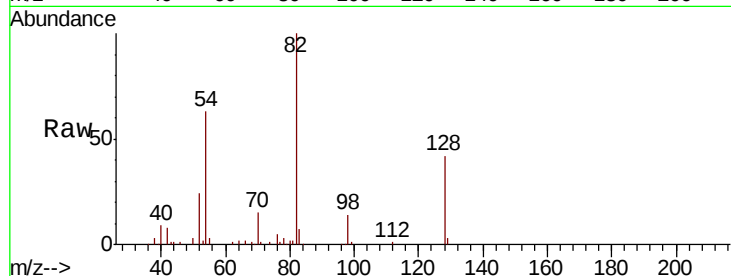




#19
n-Nitroso-di-n-propylamine
Concen: 16.845 ng
RT: 9.24 min Scan# 1047
Delta R.T. 0.38 min
Lab File: BG038661.D
Acq: 17 Dec 2018 13:45

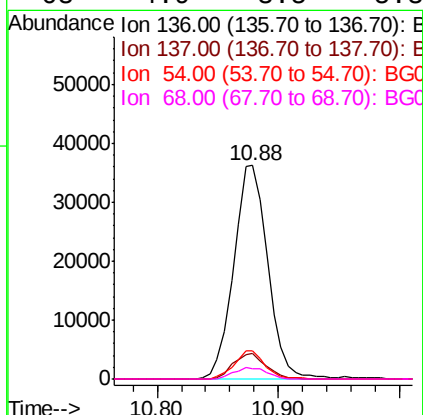
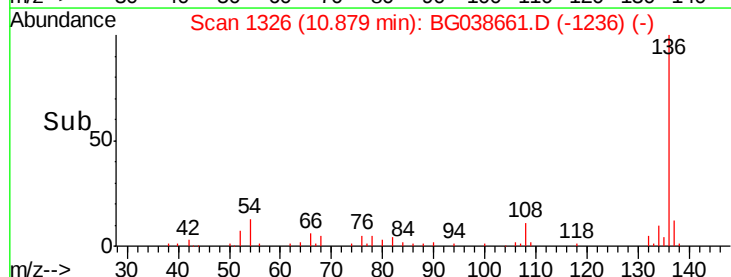
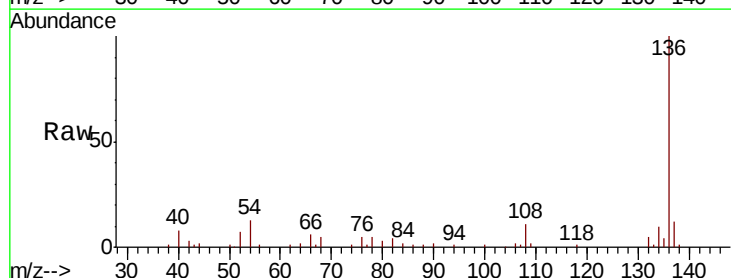
Instrument :
BNA_G
ClientSampleId :
P001-SD007-0612-01

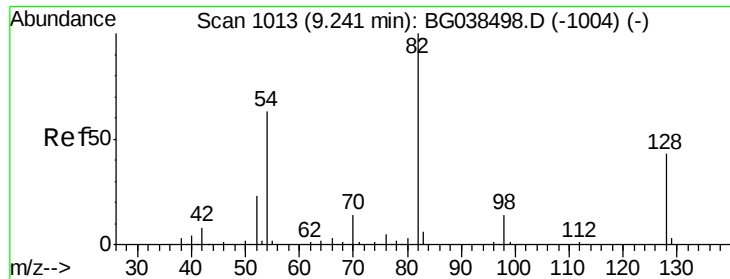
Tgt Ion: 70 Resp: 16775
Ion Ratio Lower Upper
70 100
42 52.9 63.6 95.4#
101 0.0 9.2 13.8#
130 0.0 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038661.D
Acq: 17 Dec 2018 13:45

Tgt Ion: 136 Resp: 71286
Ion Ratio Lower Upper
136 100
137 11.8 9.3 13.9
54 13.4 8.5 12.7#
68 4.9 3.5 5.3

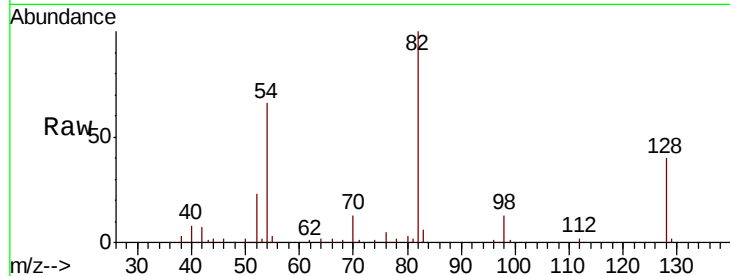




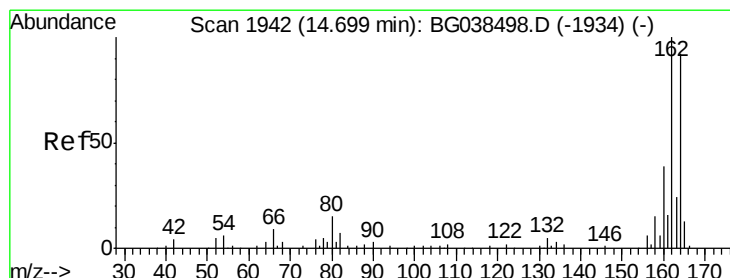
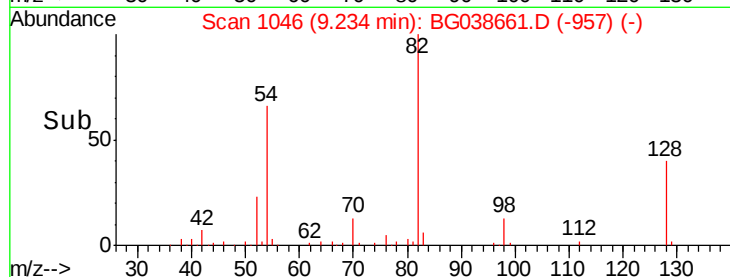
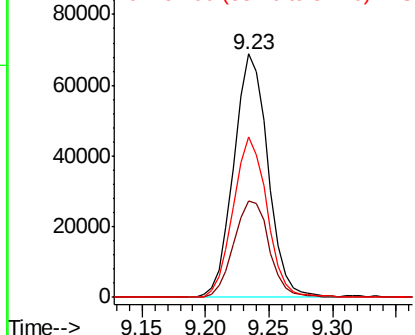
#23
Nitrobenzene-d5
Concen: 92.168 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038661.D
Acq: 17 Dec 2018 13:45

Instrument :
BNA_G
ClientSampleId :
P001-SD007-0612-01

Tgt Ion: 82 Resp: 128609
Ion Ratio Lower Upper
82 100
128 39.7 34.6 52.0
54 65.8 50.6 76.0

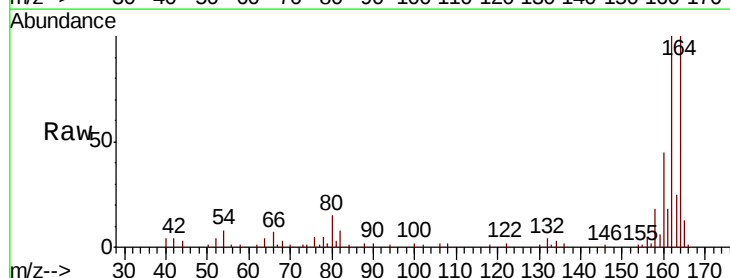


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

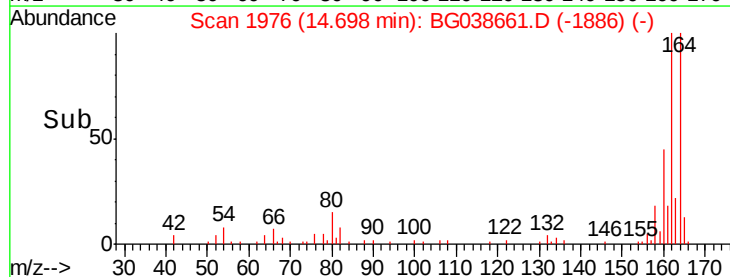
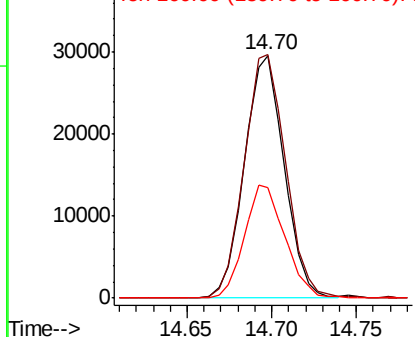


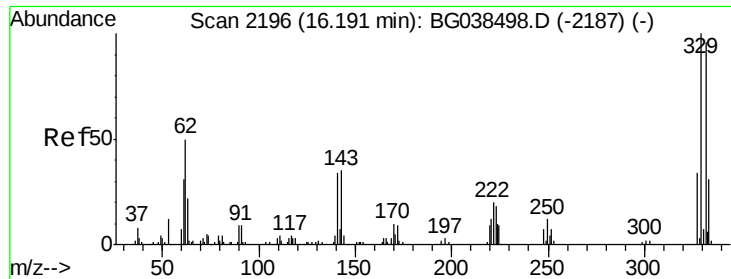
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038661.D
Acq: 17 Dec 2018 13:45

Tgt Ion: 164 Resp: 48331
Ion Ratio Lower Upper
164 100
162 100.4 86.6 130.0
160 45.3 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: 134.644 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038661.D

Acq: 17 Dec 2018 13:45

Instrument :

BNA_G

ClientSampleId :

P001-SD007-0612-01

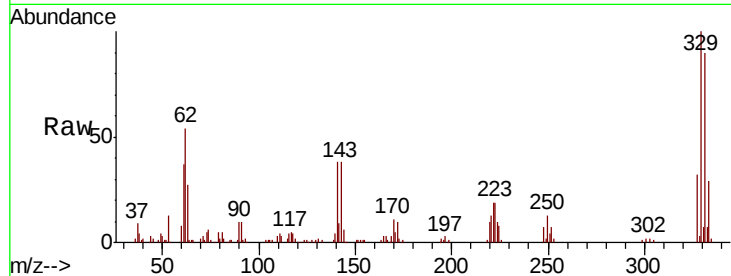
Tgt Ion:330 Resp: 89685

Ion Ratio Lower Upper

330 100

332 95.3 76.9 115.3

141 38.2 28.8 43.2

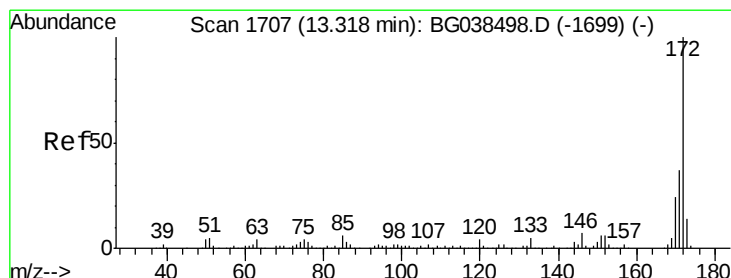
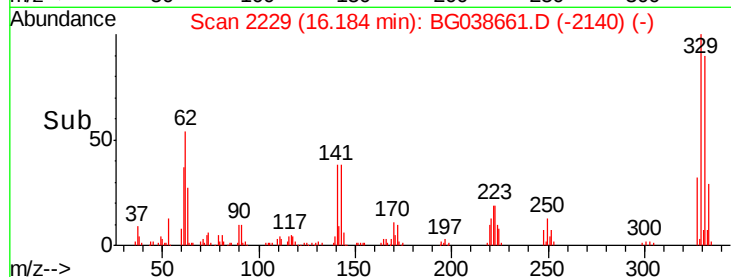
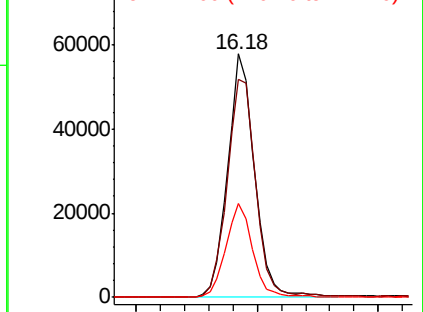


Abundance

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: 71.058 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.00 min

Lab File: BG038661.D

Acq: 17 Dec 2018 13:45

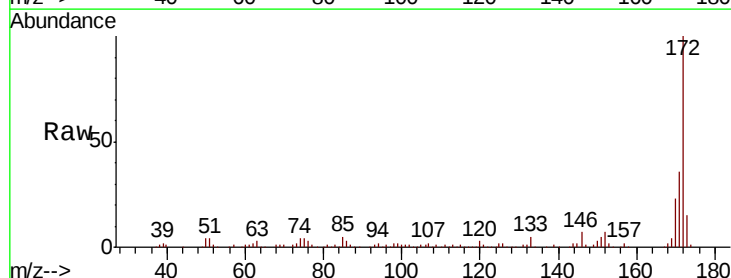
Tgt Ion:172 Resp: 250341

Ion Ratio Lower Upper

172 100

171 36.4 29.8 44.6

170 23.4 19.5 29.3

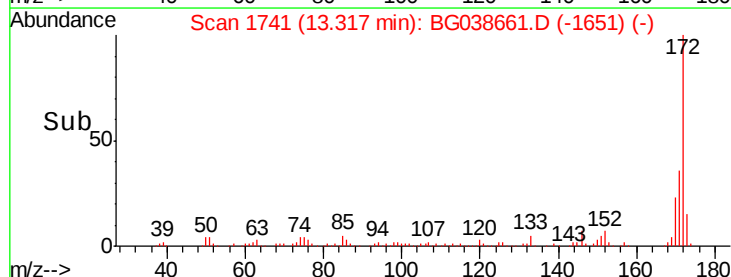
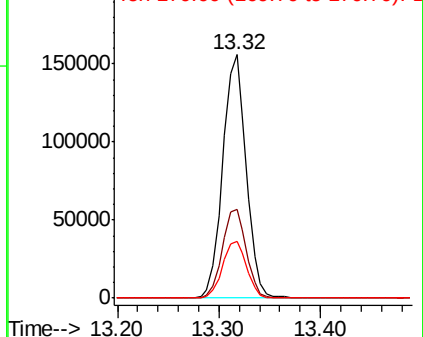


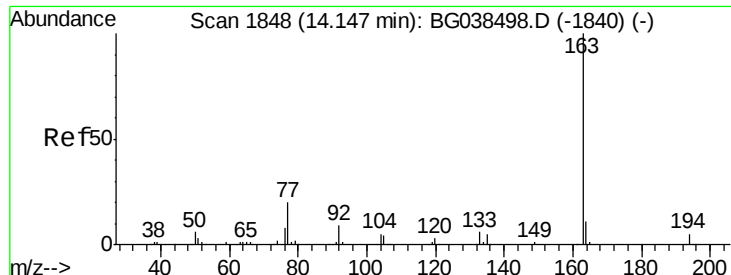
Abundance

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: 4.028 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG038661.D

Acq: 17 Dec 2018 13:45

Instrument :

BNA_G

ClientSampleId :

P001-SD007-0612-01

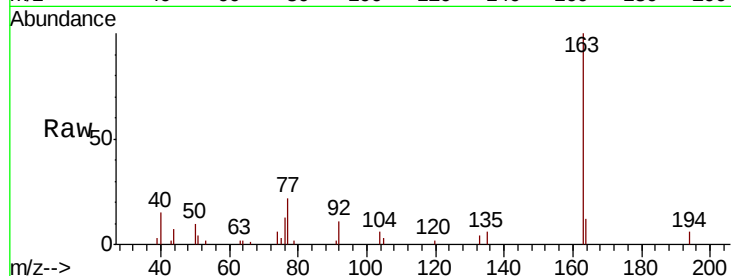
Tgt Ion:163 Resp: 15899

Ion Ratio Lower Upper

163 100

194 6.5 3.7 5.5#

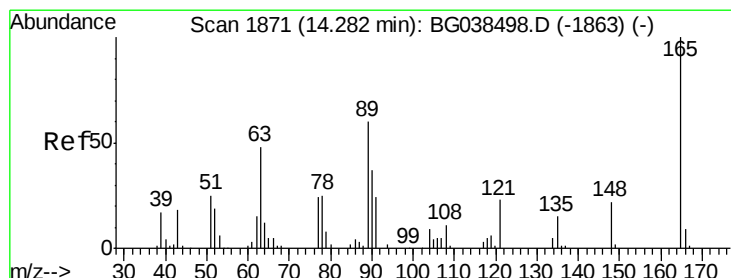
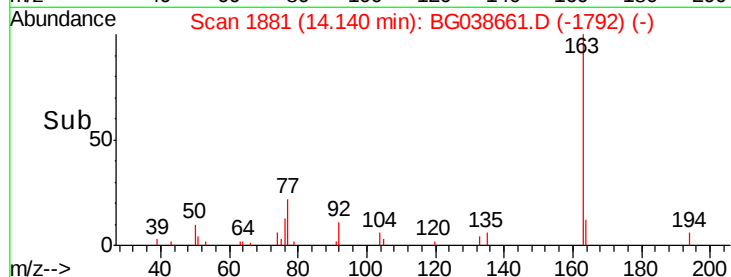
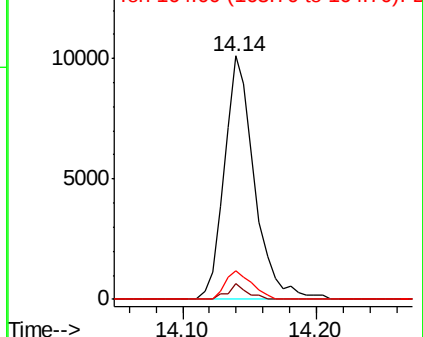
164 11.7 8.6 12.8



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: 6.850 ng

RT: 14.70 min Scan# 1976

Delta R.T. 0.42 min

Lab File: BG038661.D

Acq: 17 Dec 2018 13:45

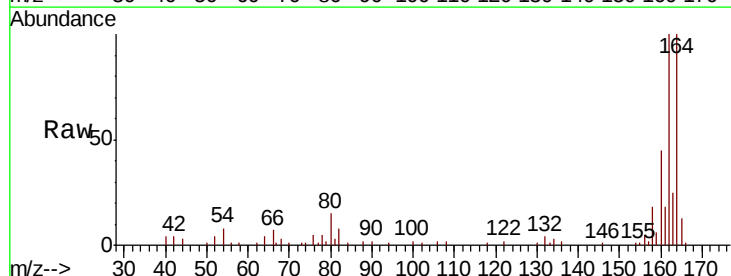
Tgt Ion:165 Resp: 6127

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.6#

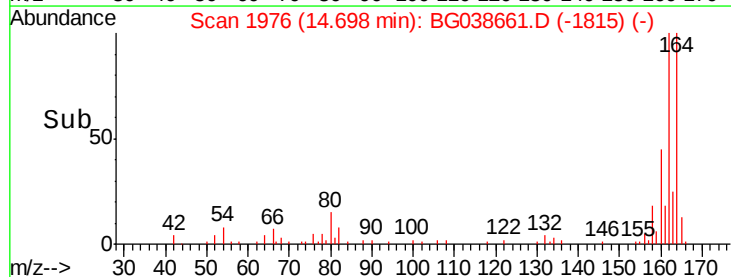
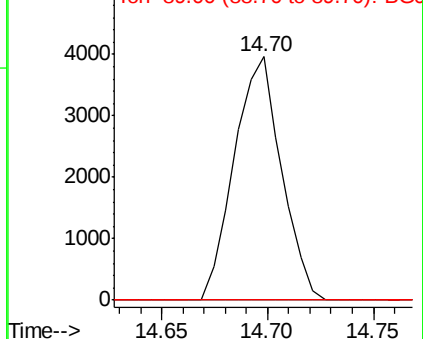
89 0.0 47.9 71.9#

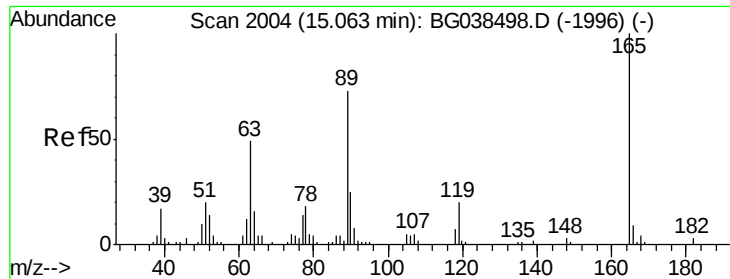


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

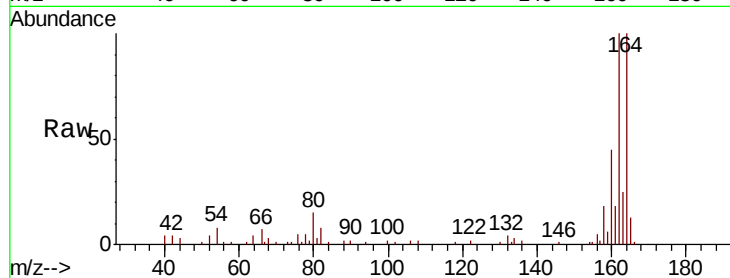




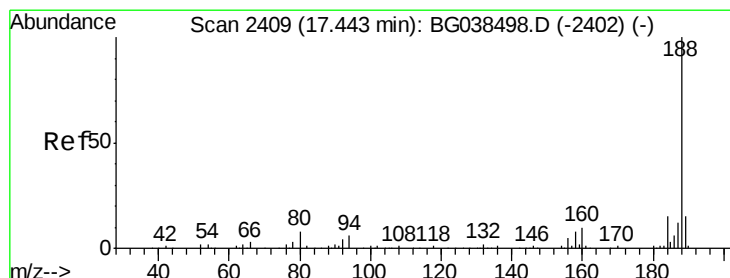
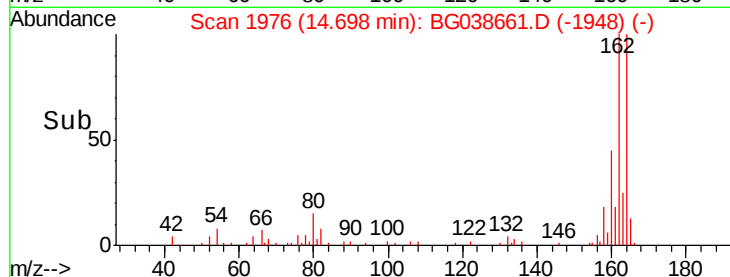
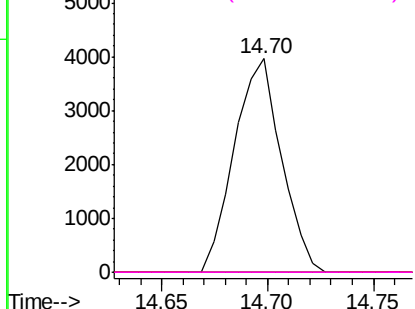
#57
 2,4-Dinitrotoluene
 Concen: 4.864 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.37 min
 Lab File: BG038661.D
 Acq: 17 Dec 2018 13:45

Instrument :
 BNA_G
 ClientSampleId :
 P001-SD007-0612-01

Tgt Ion:	165	Resp:	6127
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#

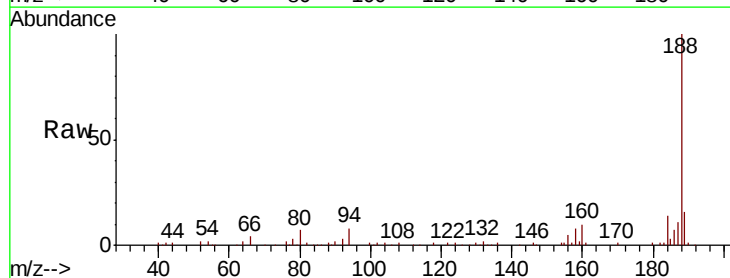


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

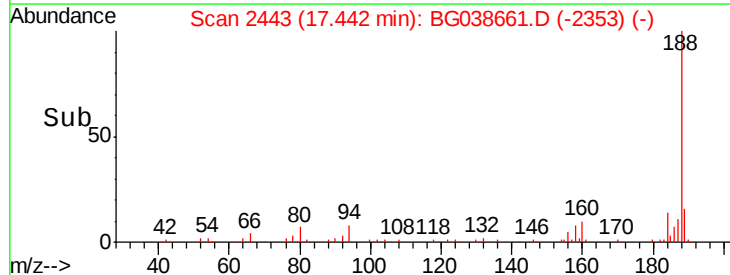
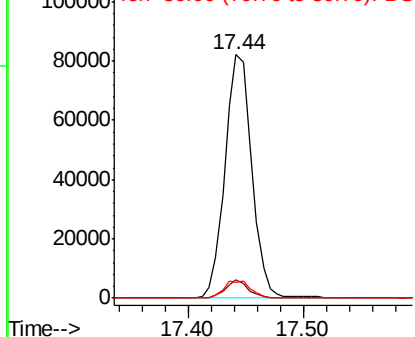


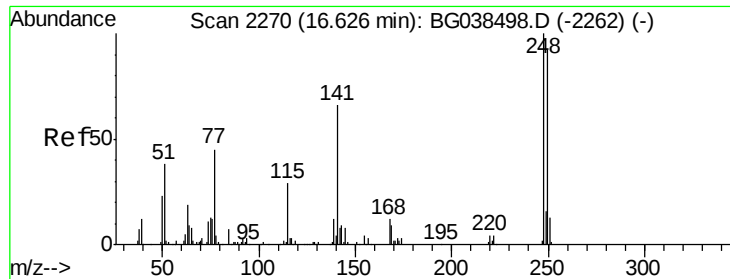
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038661.D
 Acq: 17 Dec 2018 13:45

Tgt Ion:	188	Resp:	132568
Ion	Ratio	Lower	Upper
188	100		
94	7.6	5.1	7.7
80	6.7	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

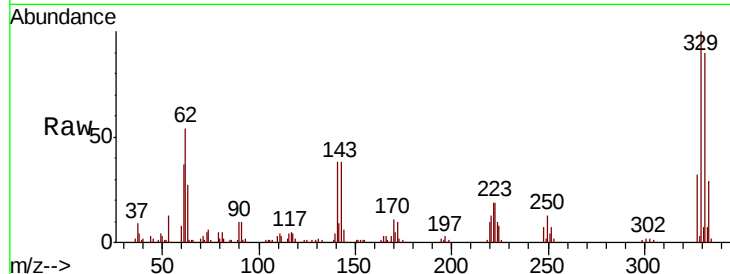




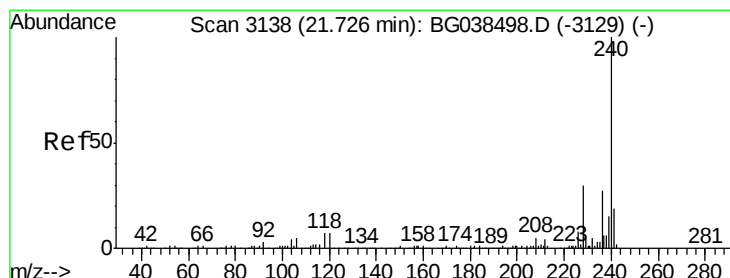
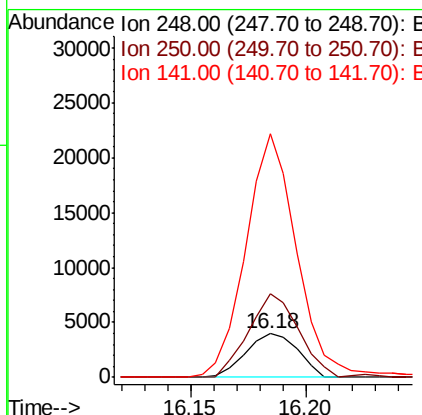
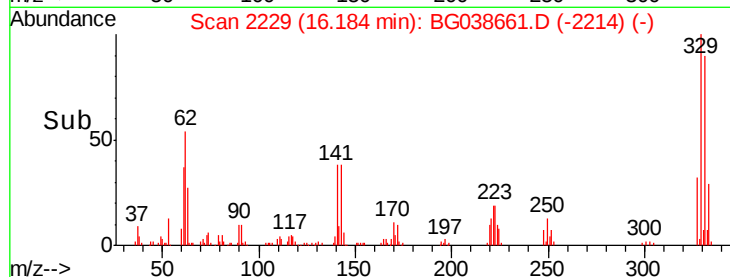
#67
 4-Bromophenyl-phenylether
 Concen: 3.869 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038661.D
 Acq: 17 Dec 2018 13:45

Instrument :
 BNA_G
 ClientSampleId :
 P001-SD007-0612-01

Tgt Ion:248 Resp: 6264
 Ion Ratio Lower Upper
 248 100
 250 199.8 73.4 110.2#
 141 439.5 52.9 79.3#

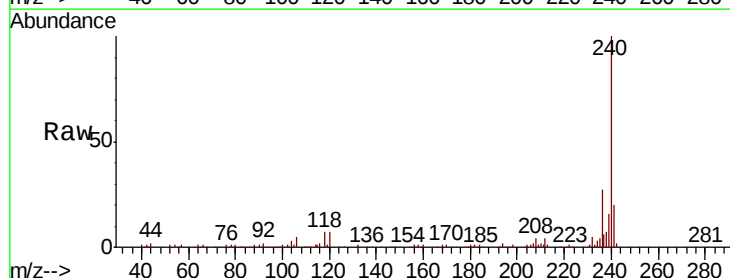


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

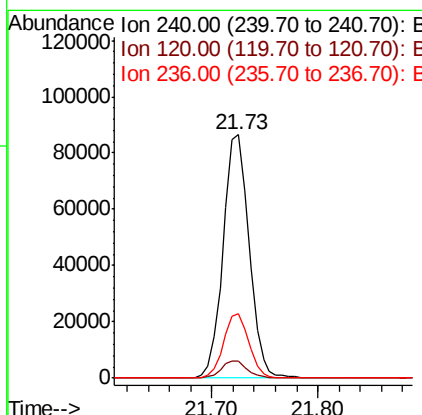
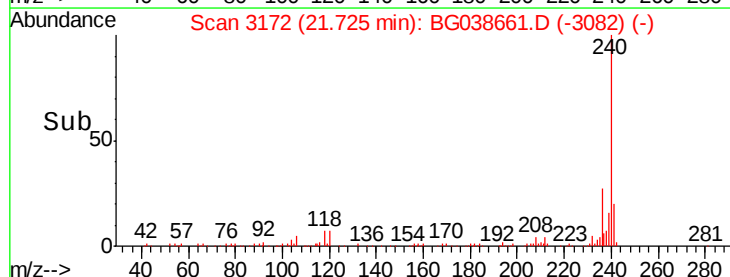


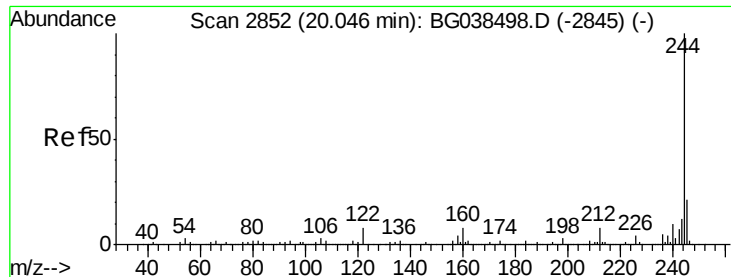
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038661.D
 Acq: 17 Dec 2018 13:45

Tgt Ion:240 Resp: 147905
 Ion Ratio Lower Upper
 240 100
 120 7.0 5.3 7.9
 236 26.6 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





#79

Terphenyl-d14

Concen: 72.406 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038661.D

Acq: 17 Dec 2018 13:45

Instrument :

BNA_G

ClientSampleId :

P001-SD007-0612-01

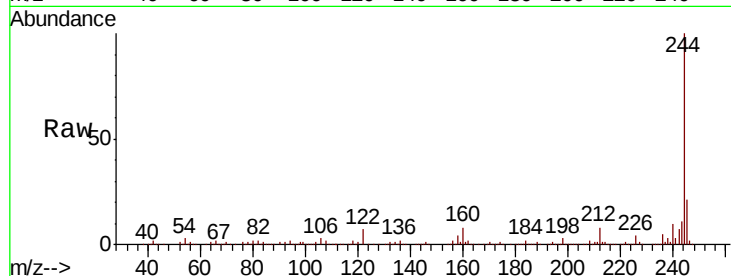
Tgt Ion:244 Resp: 492073

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

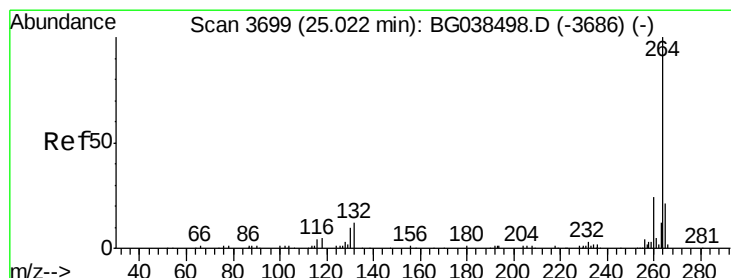
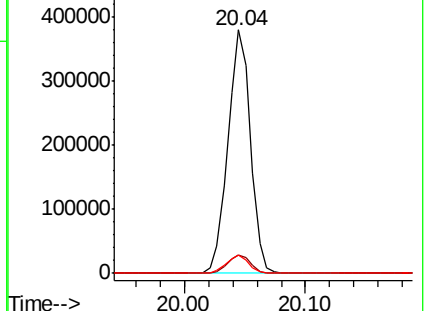
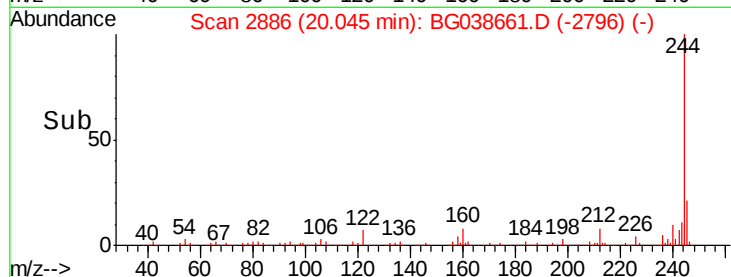
122 7.4 6.3 9.5



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: BG038661.D

Acq: 17 Dec 2018 13:45

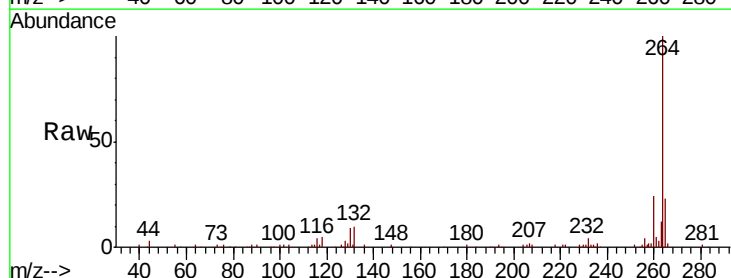
Tgt Ion:264 Resp: 156682

Ion Ratio Lower Upper

264 100

260 24.3 18.9 28.3

265 22.8 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

