

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
 Data File : BG038559.D
 Acq On : 14 Dec 2018 8:29
 Operator : JU/SJ
 Sample : J6189-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 10:26:03 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

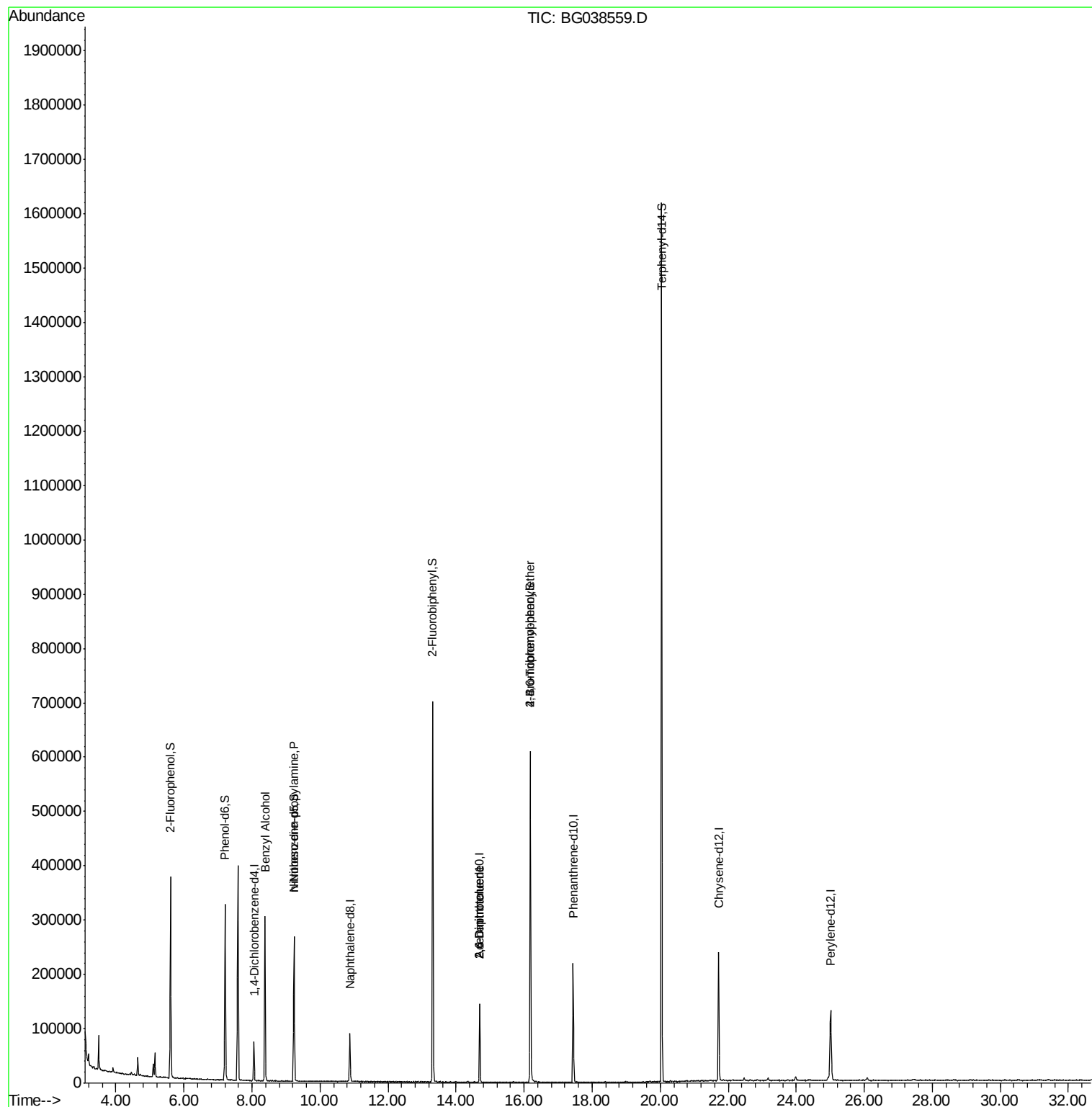
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	20087	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	78869	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	51860	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	140138	20.00	ng	0.00
76) Chrysene-d12	21.72	240	150313	20.00	ng	0.00
87) Perylene-d12	25.01	264	159938	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	157685	139.23	ng	0.00
7) Phenol-d6	7.21	99	182479	117.37	ng	0.00
23) Nitrobenzene-d5	9.23	82	161799	104.80	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	116749	163.35	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	380870	100.75	ng	0.00
79) Terphenyl-d14	20.04	244	787762	114.06	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.38	79	2726	2.246	ng	# 49
19) n-Nitroso-di-n-propylamine	9.23	70	22115	20.253	ng	# 70
51) 2,6-Dinitrotoluene	14.70	165	6878	7.167	ng	# 22
57) 2,4-Dinitrotoluene	14.70	165	6878	5.088	ng	# 24
67) 4-Bromophenyl-phenylether	16.18	248	7959	4.650	ng	# 1

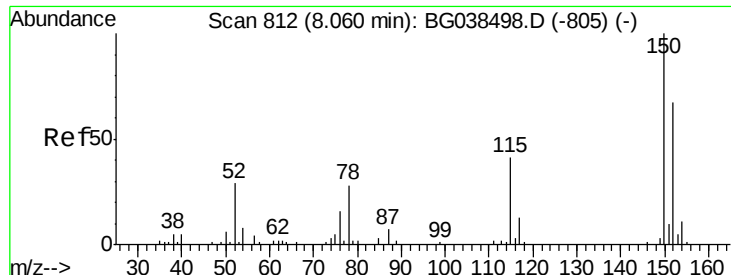
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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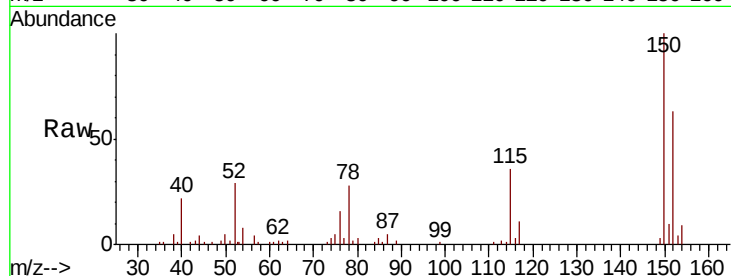


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038559.D
Acq: 14 Dec 2018 8:29

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	119.5	179.3
115	57.0	49.6	74.4

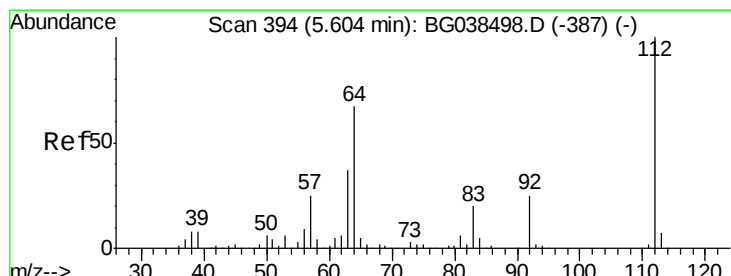
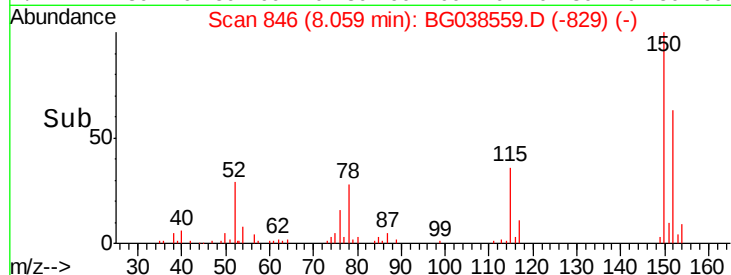
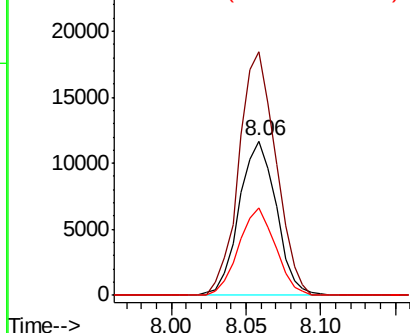


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

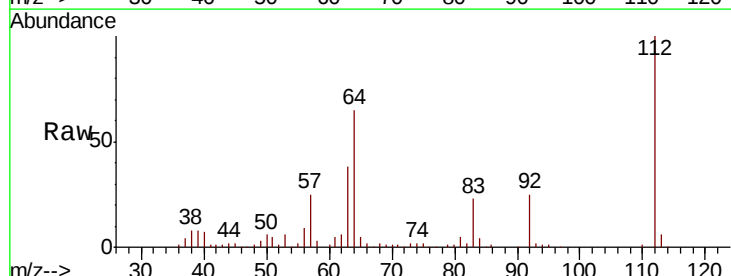
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 139.233 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038559.D
Acq: 14 Dec 2018 8:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	53.4	80.2
63	37.7	29.3	43.9

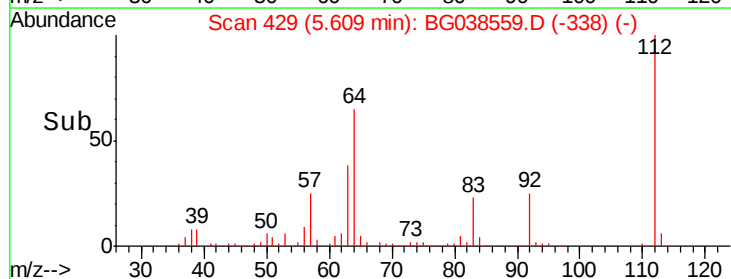
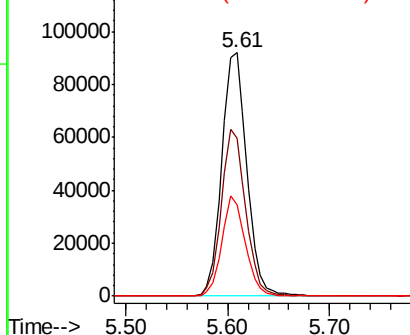


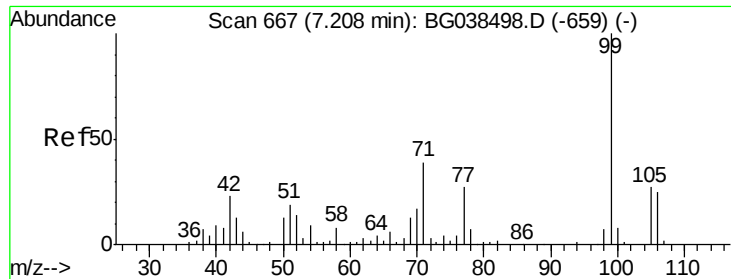
Abundance

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: 117.370 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038559.D

Acq: 14 Dec 2018 8:29

Instrument :

BNA_F

ClientSampleId :

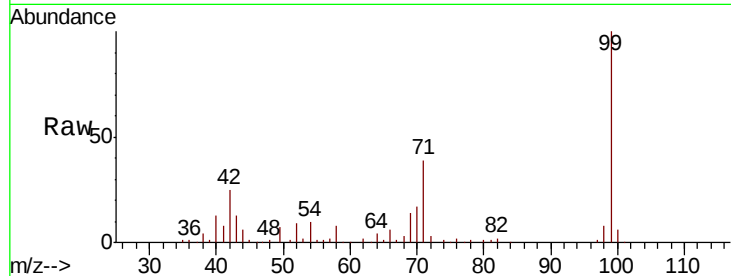
Tot Ion: 99 Resp: 182479

Ion Ratio Lower Upper

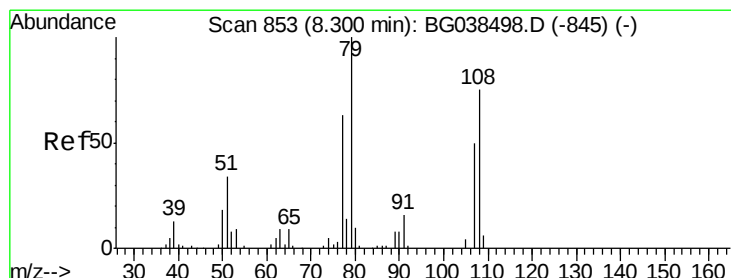
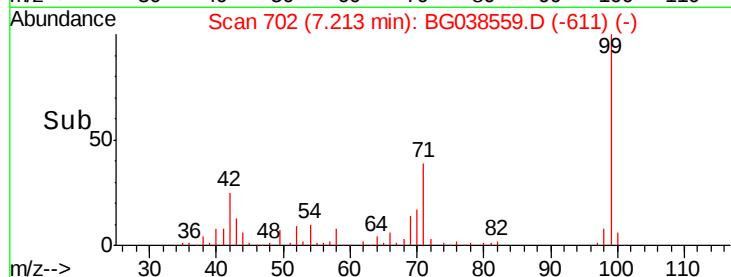
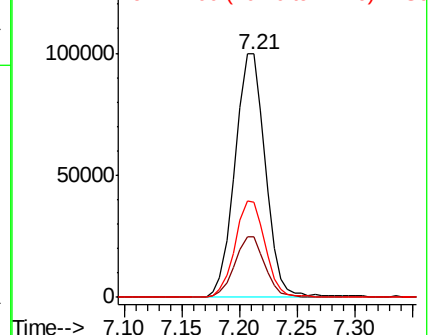
99 100

42 24.6 18.5 27.7

71 39.2 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



#15

Benzyl Alcohol

Concen: 2.246 ng

RT: 8.38 min Scan# 900

Delta R.T. 0.08 min

Lab File: BG038559.D

Acq: 14 Dec 2018 8:29

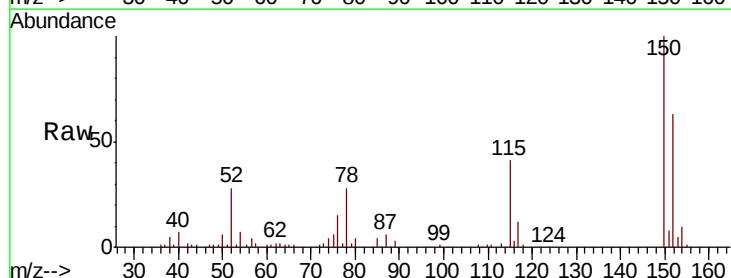
Tgt Ion: 79 Resp: 2726

Ion Ratio Lower Upper

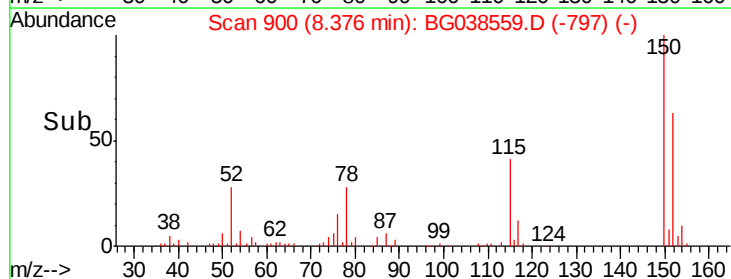
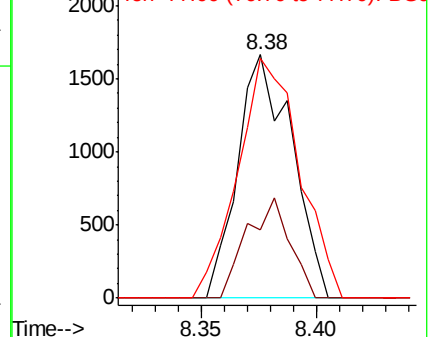
79 100

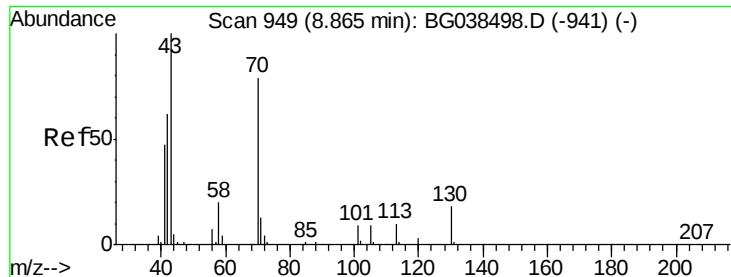
108 28.0 60.2 90.4#

77 98.6 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

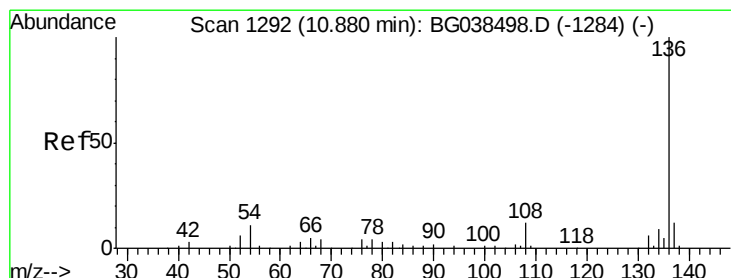
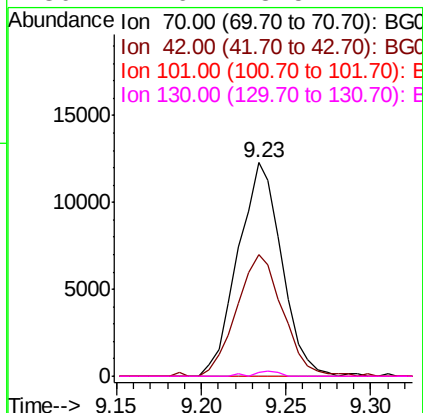
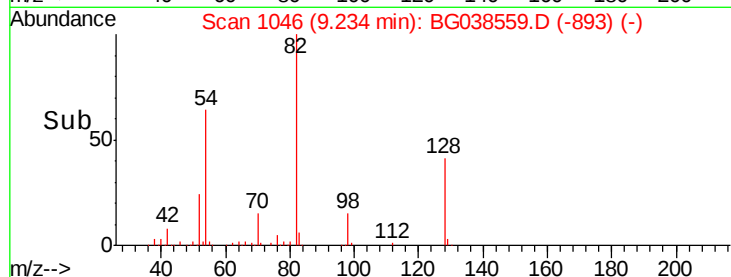
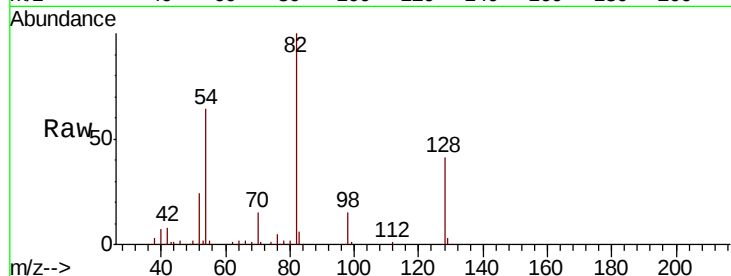




#19
n-Nitroso-di-n-propylamine
Concen: 20.253 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038559.D
Acq: 14 Dec 2018 8:29

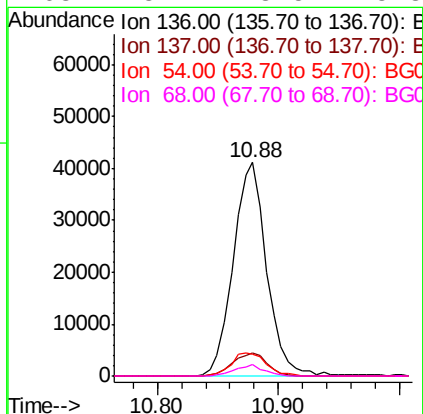
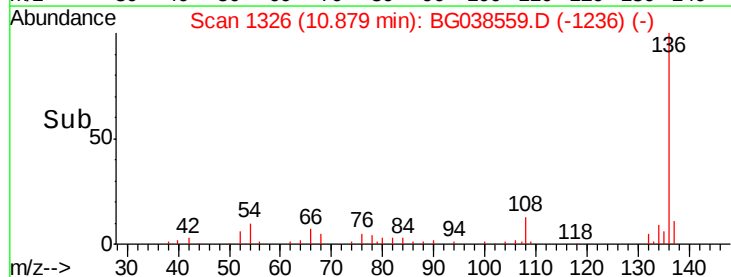
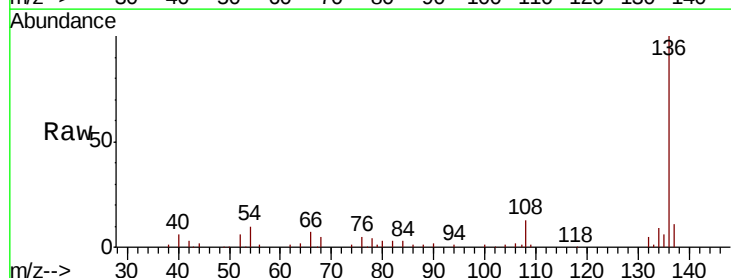
Instrument :
BNA_F
ClientSampleId :

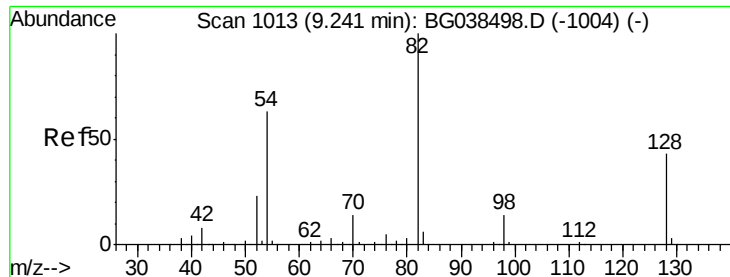
Tot Ion: 70 Resp: 22115
Ion Ratio Lower Upper
70 100
42 57.1 63.6 95.4#
101 0.0 9.2 13.8#
130 1.6 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038559.D
Acq: 14 Dec 2018 8:29

Tgt Ion: 136 Resp: 78869
Ion Ratio Lower Upper
136 100
137 10.8 9.3 13.9
54 10.3 8.5 12.7
68 5.2 3.5 5.3

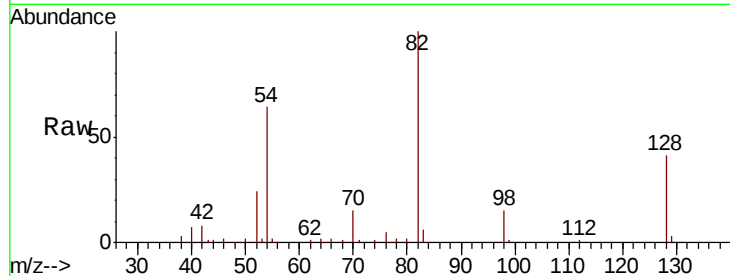




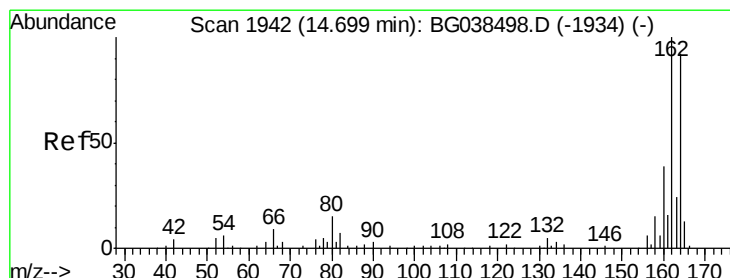
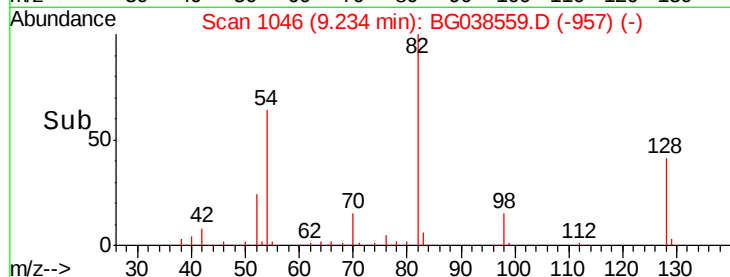
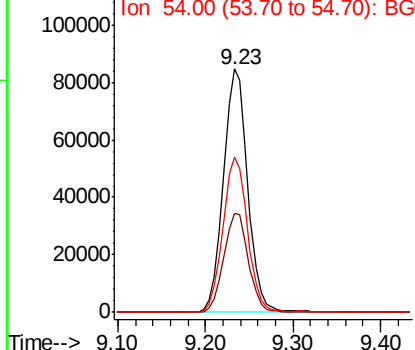
#23
Nitrobenzene-d5
Concen: 104.805 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038559.D
Acq: 14 Dec 2018 8:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 161799
Ion Ratio Lower Upper
82 100
128 40.7 34.6 52.0
54 63.6 50.6 76.0

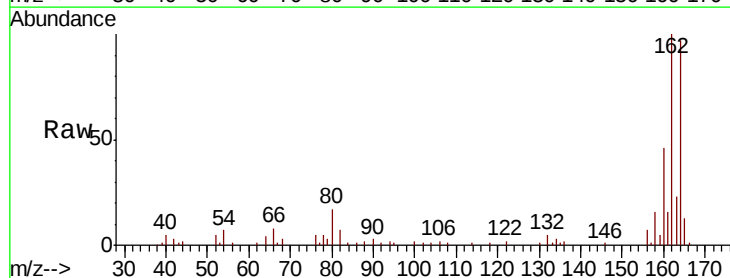


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

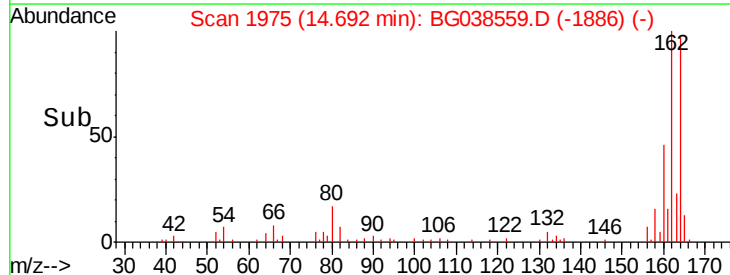
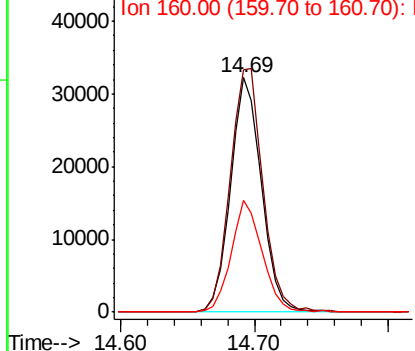


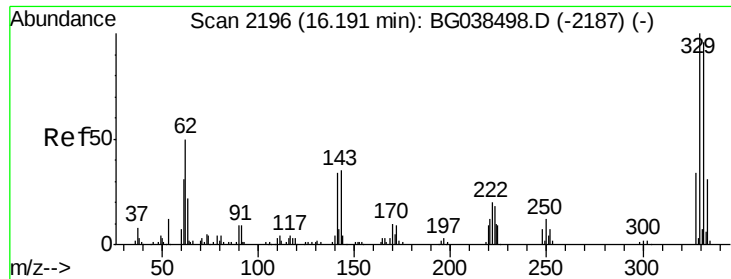
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038559.D
Acq: 14 Dec 2018 8:29

Tgt Ion:164 Resp: 51860
Ion Ratio Lower Upper
164 100
162 103.3 86.6 130.0
160 47.8 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: 163.348 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038559.D

Acq: 14 Dec 2018 8:29

Instrument :

BNA_F

ClientSampled :

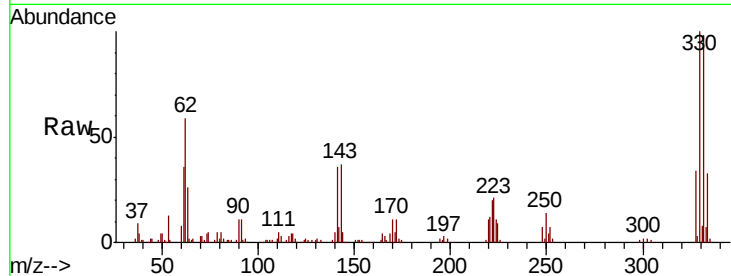
Tot Ion:330 Resp: 116749

Ion Ratio Lower Upper

330 100

332 97.8 76.9 115.3

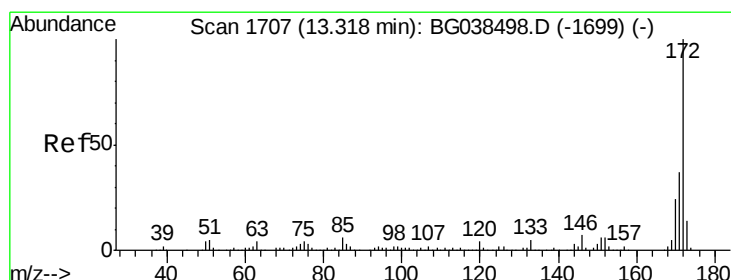
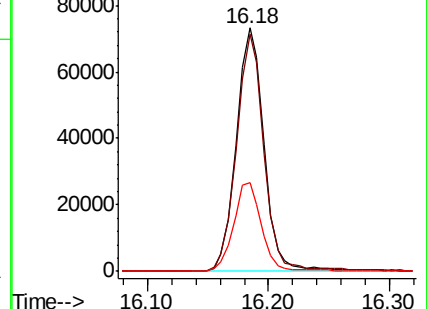
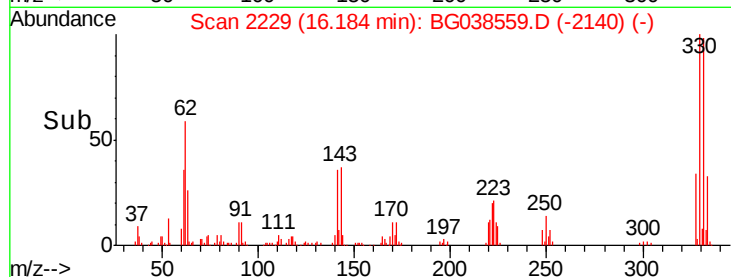
141 36.8 28.8 43.2



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: 100.751 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.00 min

Lab File: BG038559.D

Acq: 14 Dec 2018 8:29

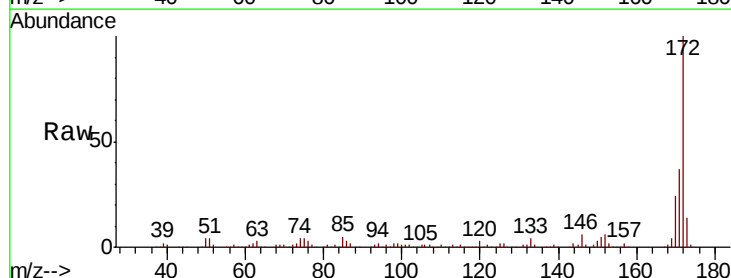
Tgt Ion:172 Resp: 380870

Ion Ratio Lower Upper

172 100

171 37.1 29.8 44.6

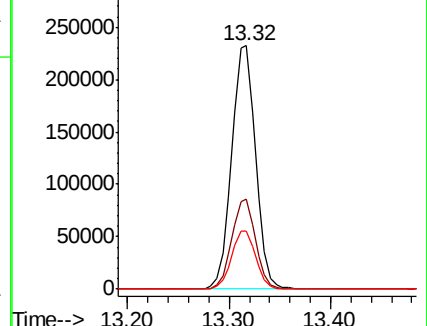
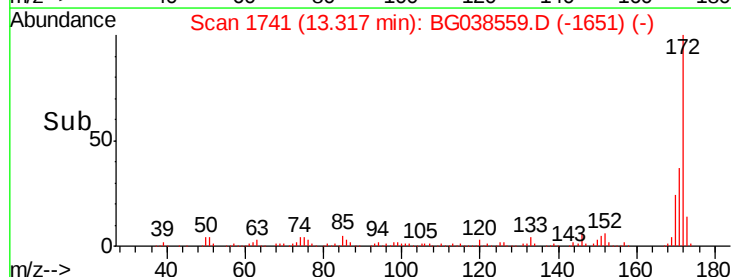
170 23.9 19.5 29.3

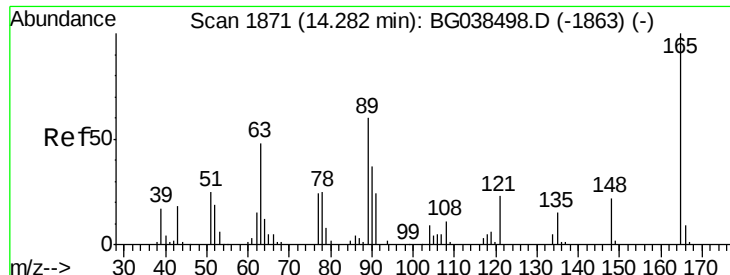


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

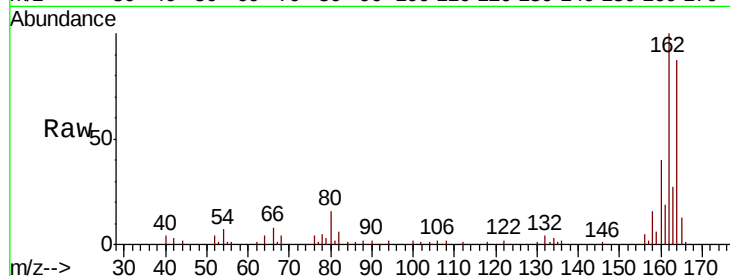




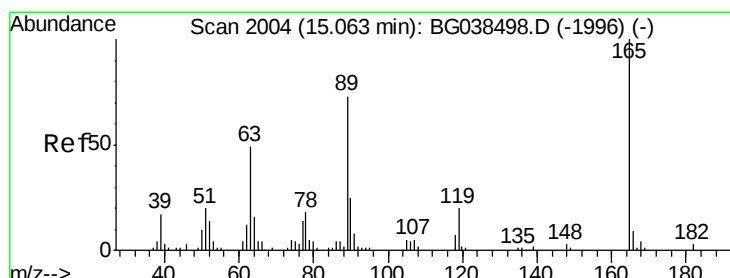
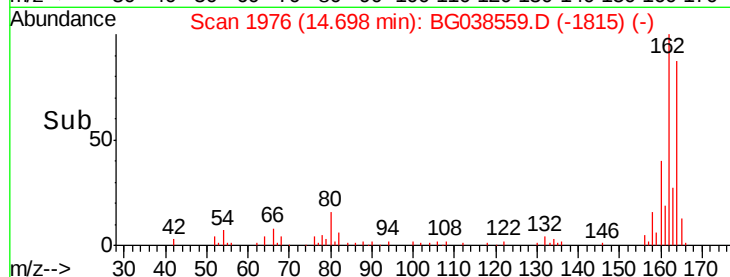
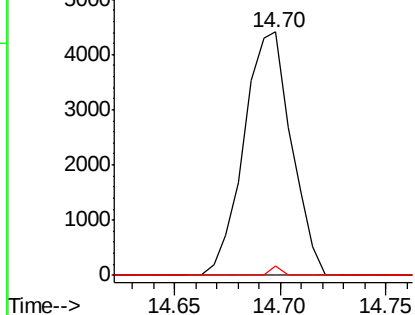
#51
 2,6-Dinitrotoluene
 Concen: 7.167 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.42 min
 Lab File: BG038559.D
 Acq: 14 Dec 2018 8:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	3.7	47.9	71.9#



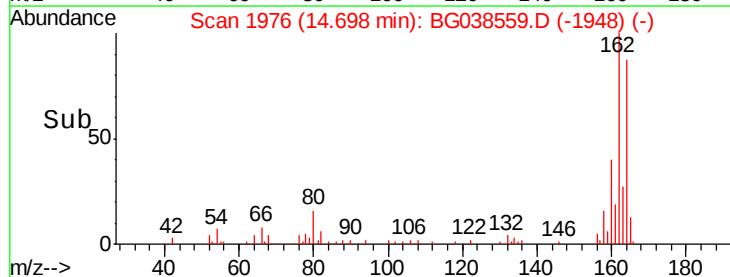
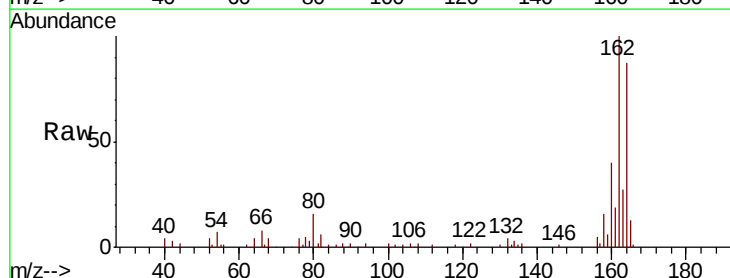
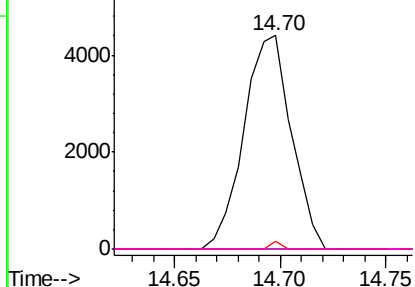
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

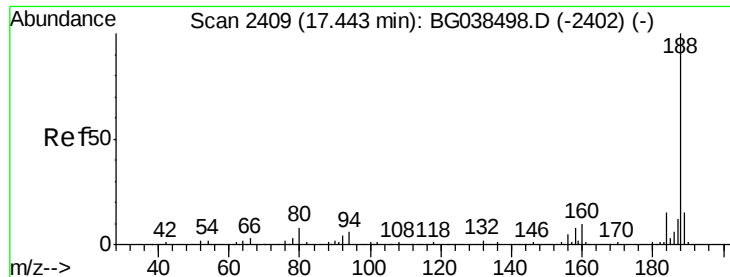


#57
 2,4-Dinitrotoluene
 Concen: 5.088 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.37 min
 Lab File: BG038559.D
 Acq: 14 Dec 2018 8:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	3.7	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

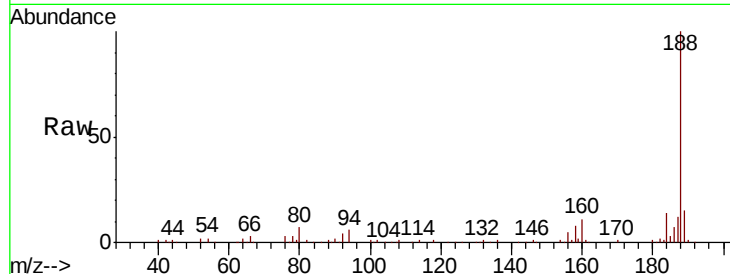




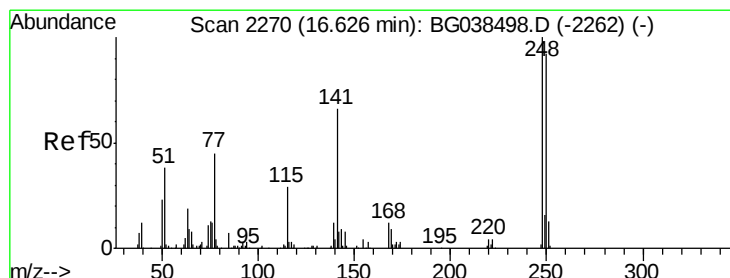
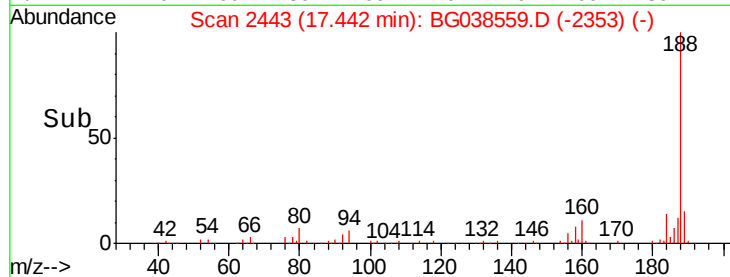
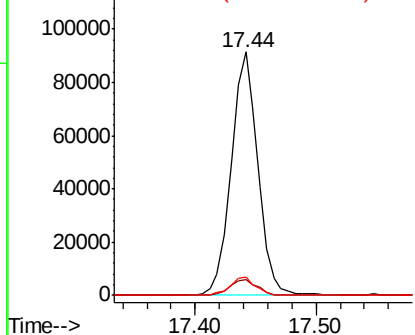
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038559.D
 Acq: 14 Dec 2018 8:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 140138
 Ion Ratio Lower Upper
 188 100
 94 6.4 5.1 7.7
 80 7.3 6.1 9.1

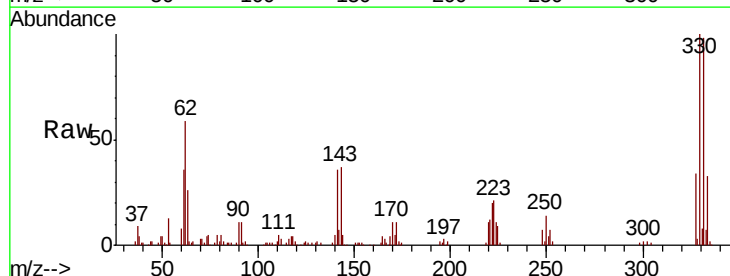


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

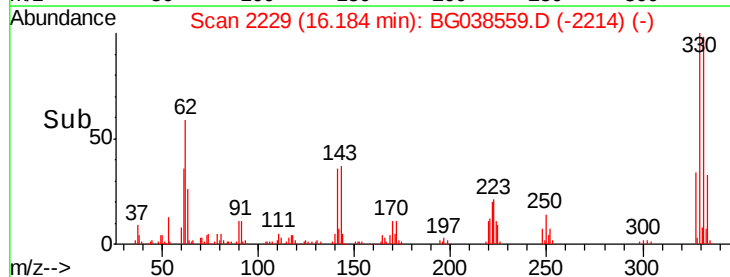
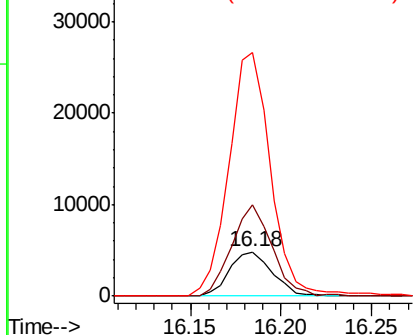


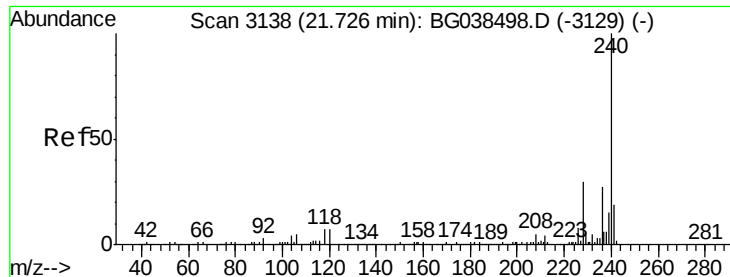
#67
 4-Bromophenyl-phenylether
 Concen: 4.650 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038559.D
 Acq: 14 Dec 2018 8:29

Tgt Ion:248 Resp: 7959
 Ion Ratio Lower Upper
 248 100
 250 261.2 73.4 110.2#
 141 547.9 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: BG038559.D

Acq: 14 Dec 2018 8:29

Instrument :

BNA_F

ClientSampled :

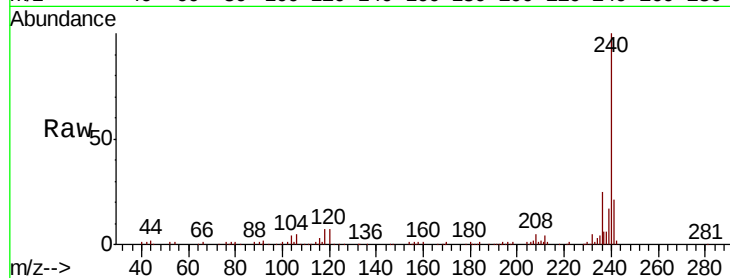
Tot Ion:240 Resp: 150313

Ion Ratio Lower Upper

240 100

120 7.2 5.3 7.9

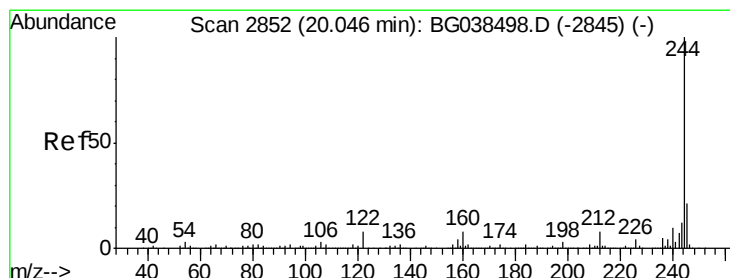
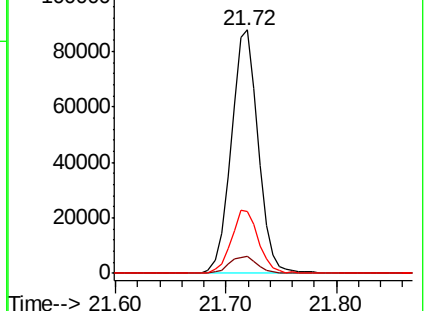
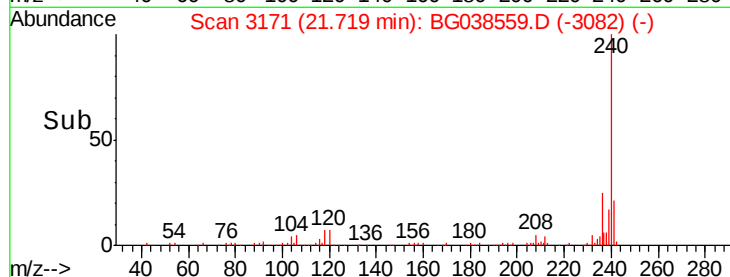
236 25.4 21.4 32.2



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: 114.057 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038559.D

Acq: 14 Dec 2018 8:29

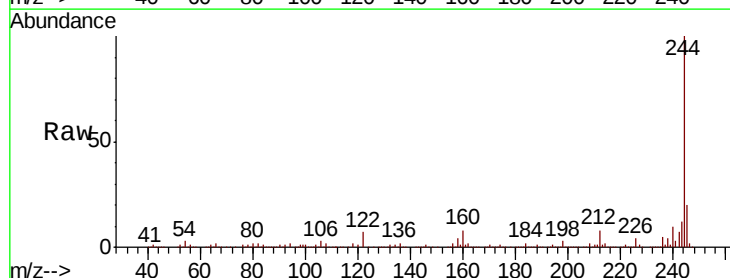
Tgt Ion:244 Resp: 787762

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

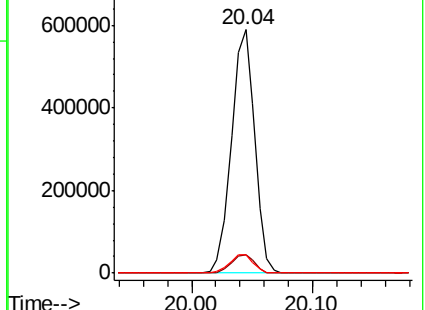
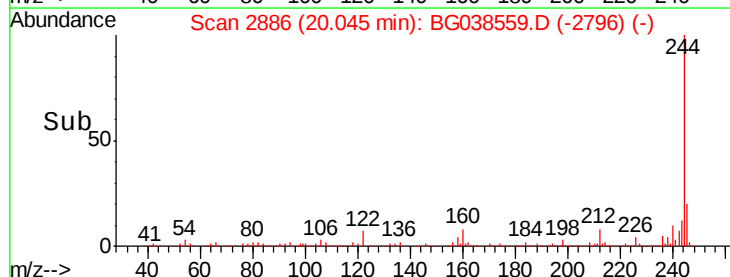
122 7.4 6.3 9.5

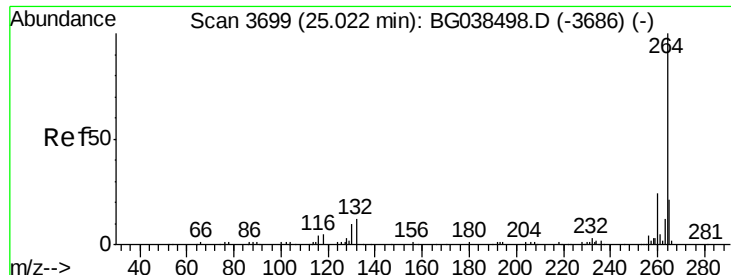


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.01 min Scan# 3731
 Delta R.T. -0.01 min
 Lab File: BG038559.D
 Acq: 14 Dec 2018 8:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.9	28.3
265	21.4	17.0	25.4

