

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
 Data File : BG042996.D
 Acq On : 2 Oct 2019 22:18
 Operator : JU
 Sample : K5133-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-1

Quant Time: Oct 03 04:28:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

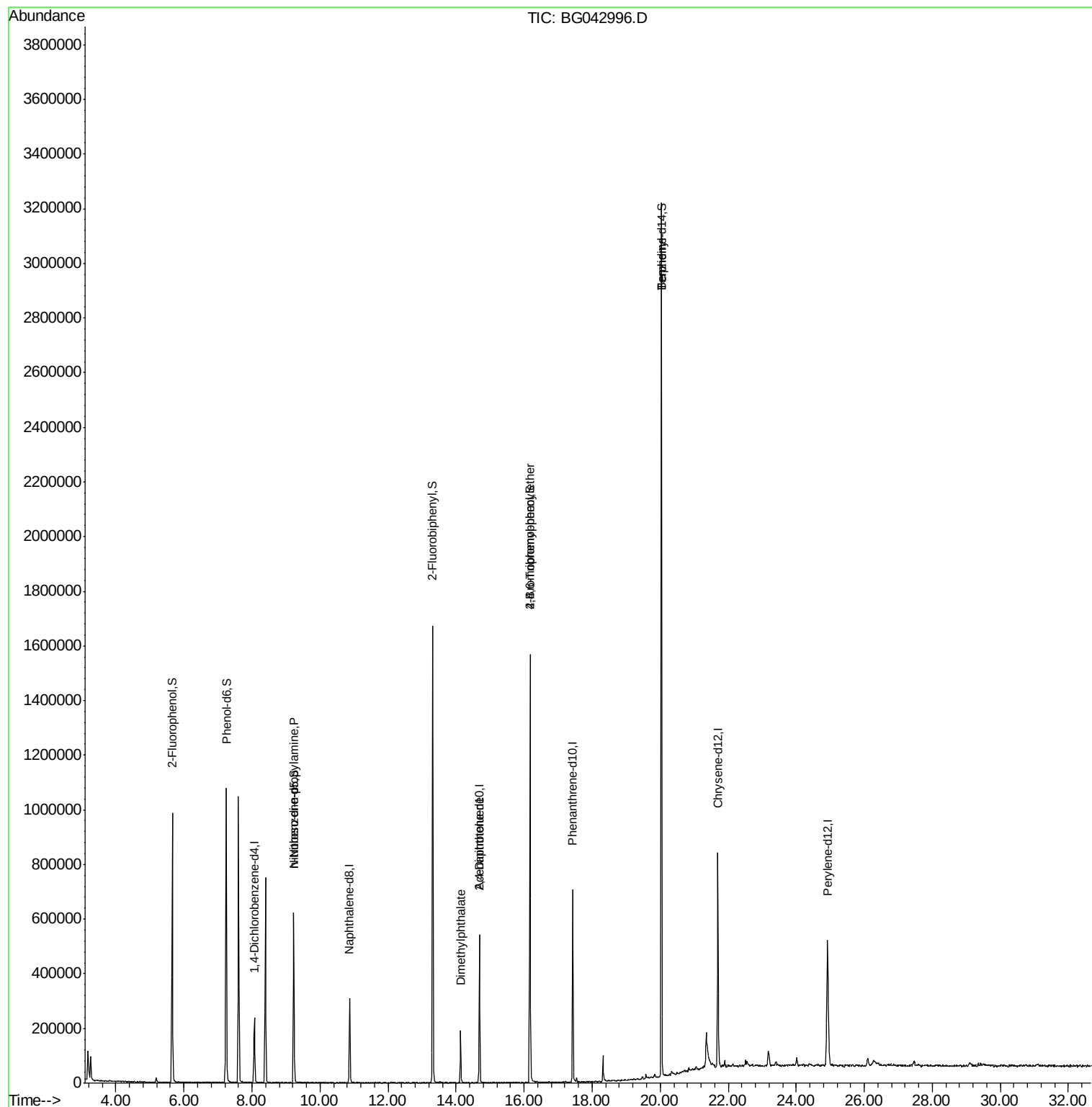
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	67843	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	261678	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	185923	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	443779	20.00	ng	0.00
76) Chrysene-d12	21.70	240	473326	20.00	ng	-0.02
87) Perylene-d12	24.92	264	552412	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	420736	110.68	ng	0.00
7) Phenol-d6	7.24	99	608908	111.23	ng	0.00
23) Nitrobenzene-d5	9.23	82	379059	70.41	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	341384	106.78	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	900459	70.21	ng	-0.01
79) Terphenyl-d14	20.04	244	1583100	71.27	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	51114	14.219	ng	# 73
50) Dimethylphthalate	14.13	163	125780	9.029	ng	# 99
57) 2,4-Dinitrotoluene	14.68	165	25328	5.830	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	23424	4.205	ng	# 1
77) Benzidine	20.04	184	25084	2.117	ng	# 95

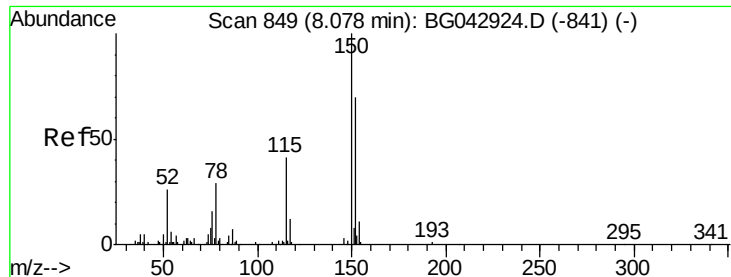
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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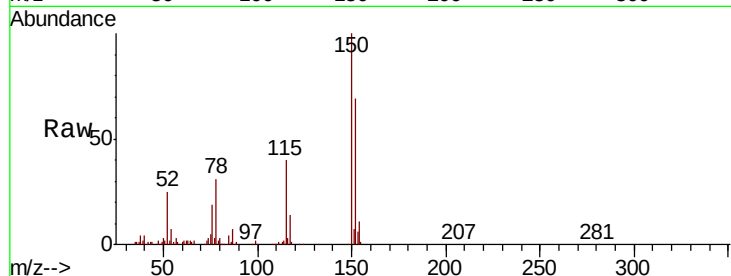


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042996.D
Acq: 2 Oct 2019 22:18

Instrument :
BNA_G
ClientSampleId :
S-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.3	115.0	172.4
115	58.0	47.0	70.6

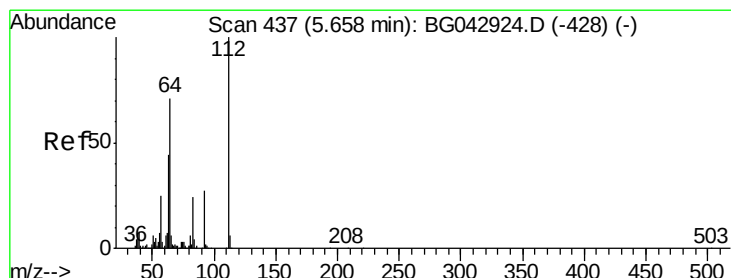
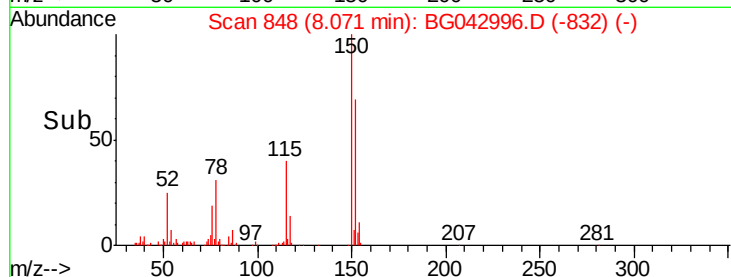
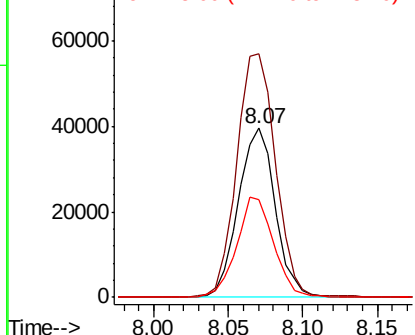


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

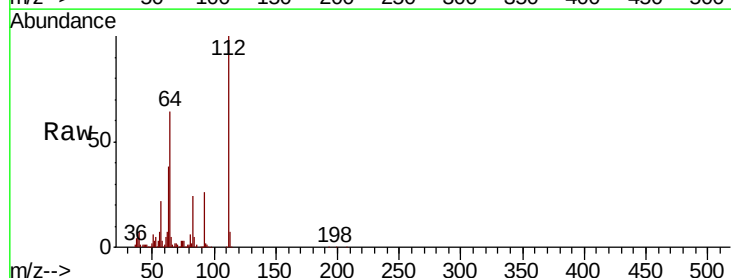
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 110.675 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG042996.D
Acq: 2 Oct 2019 22:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	56.6	84.8
63	37.8	35.1	52.7

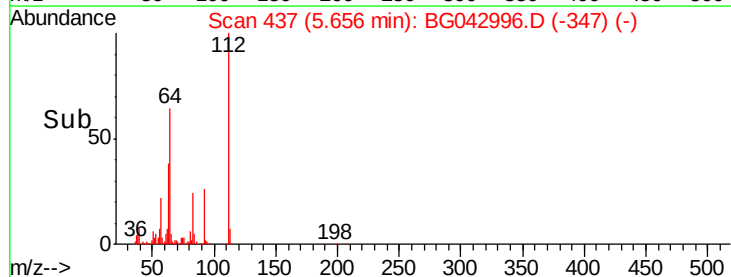
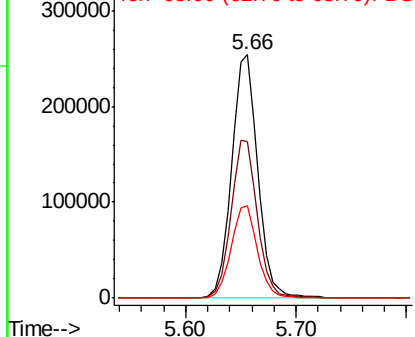


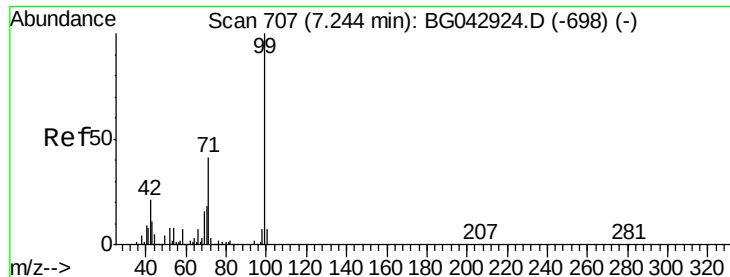
Abundance

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: 111.228 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG042996.D

Acq: 2 Oct 2019 22:18

Instrument :

BNA_G

ClientSampleId :

S-1

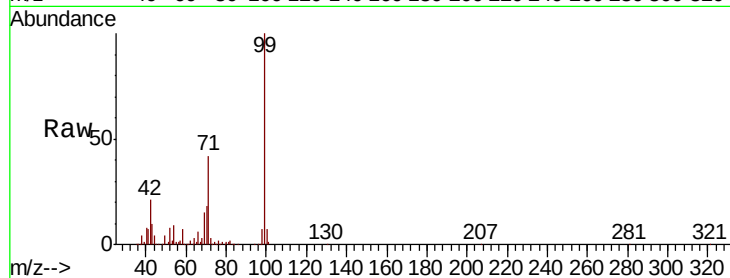
Tot Ion: 99 Resp: 608908

Ion Ratio Lower Upper

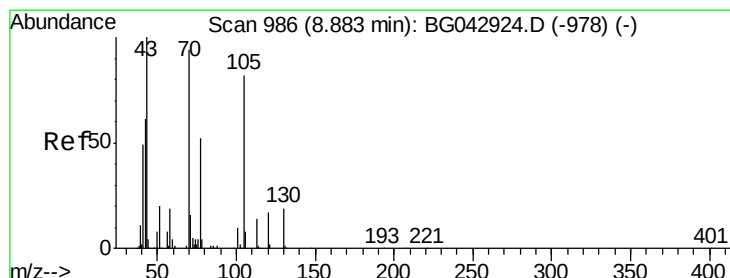
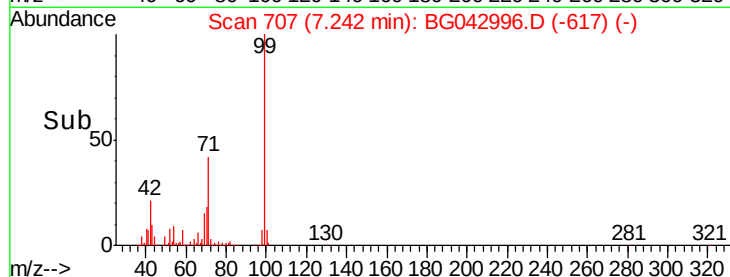
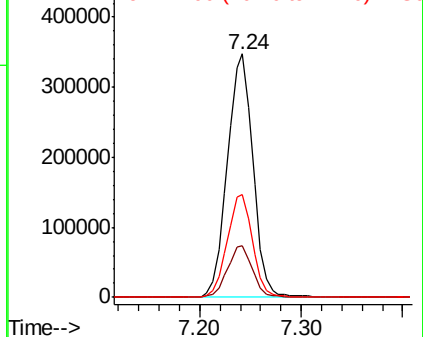
99 100

42 21.1 17.2 25.8

71 42.2 33.1 49.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.219 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.34 min

Lab File: BG042996.D

Acq: 2 Oct 2019 22:18

Tgt Ion: 70 Resp: 51114

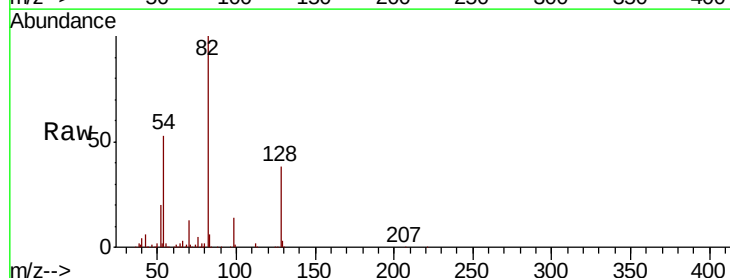
Ion Ratio Lower Upper

70 100

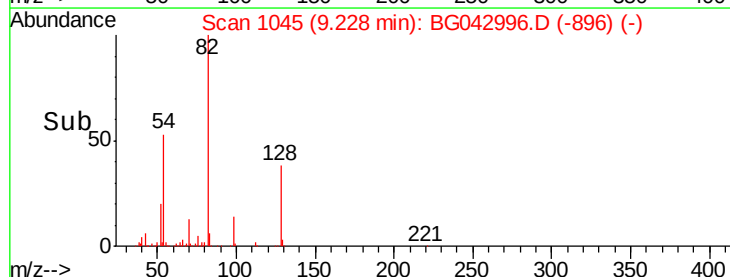
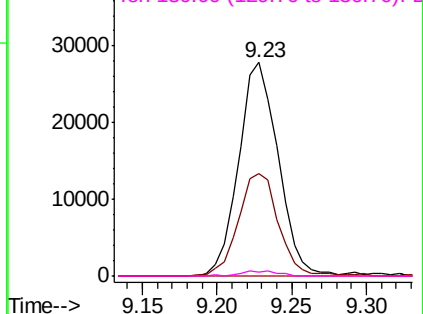
42 47.8 52.6 79.0#

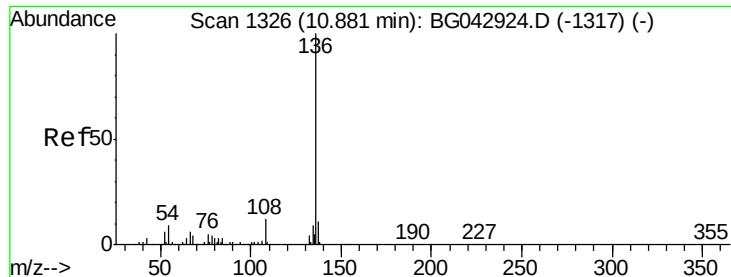
101 0.0 8.7 13.1#

130 1.7 15.8 23.8#



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

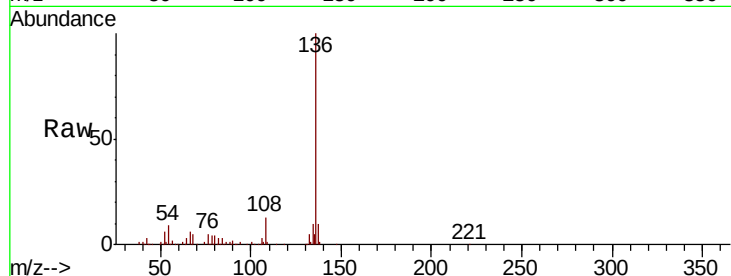




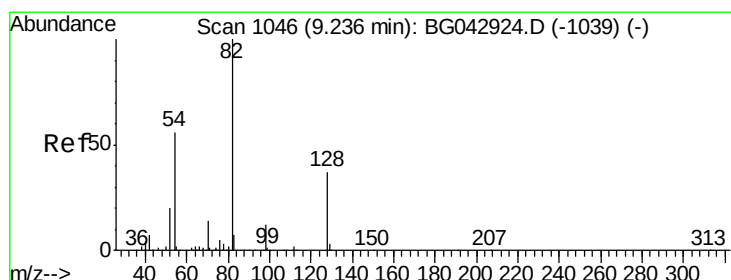
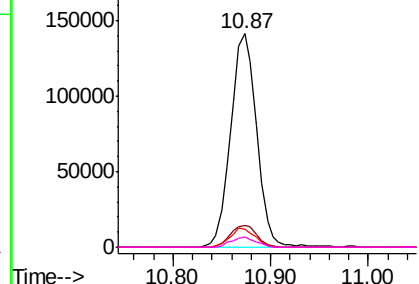
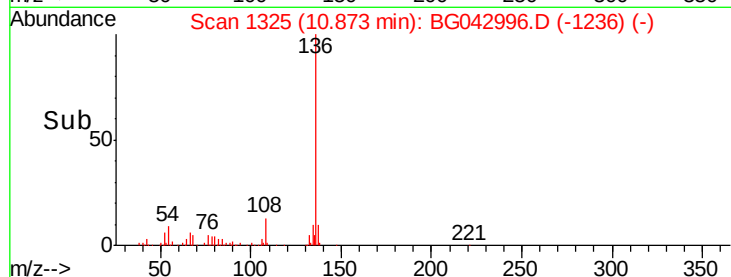
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042996.D
Acq: 2 Oct 2019 22:18

Instrument :
BNA_G
ClientSampleId :
S-1

Tot Ion:136	Resp:	261678	
Ion Ratio	Lower	Upper	
136 100			
137 10.3	8.5	12.7	
54 8.6	7.4	11.2	
68 5.0	3.6	5.4	

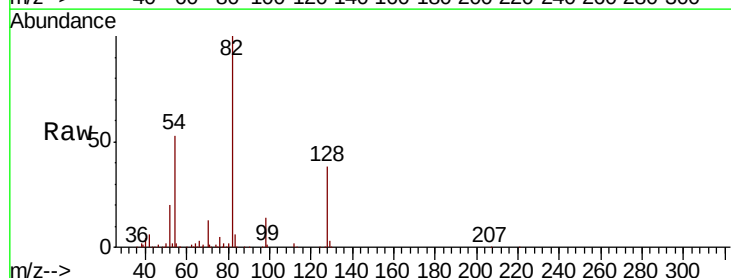


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

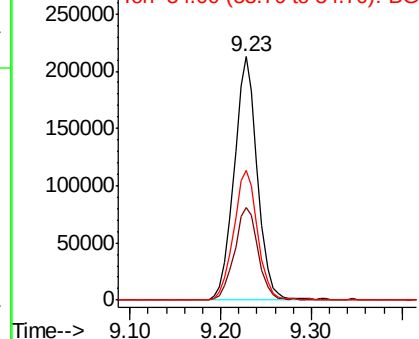
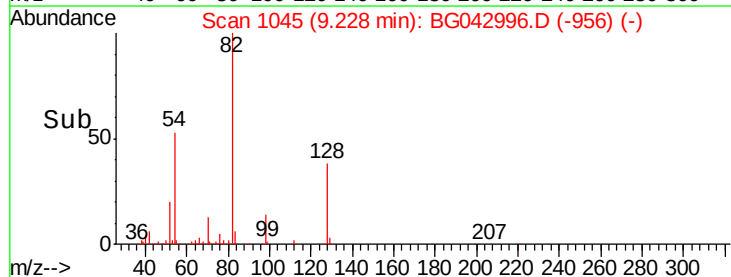


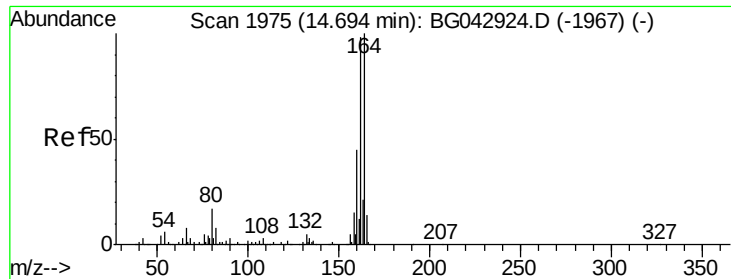
#23
Nitrobenzene-d5
Concen: 70.408 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG042996.D
Acq: 2 Oct 2019 22:18

Tgt Ion: 82	Resp: 379059
Ion Ratio	Lower Upper
82 100	
128 37.8	29.5 44.3
54 53.1	44.6 67.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG042996.D

Acq: 2 Oct 2019 22:18

Instrument :

BNA_G

ClientSampleId :

S-1

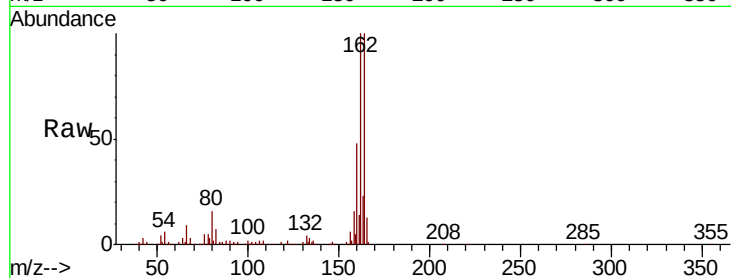
Tot Ion:164 Resp: 185923

Ion Ratio Lower Upper

164 100

162 99.7 78.5 117.7

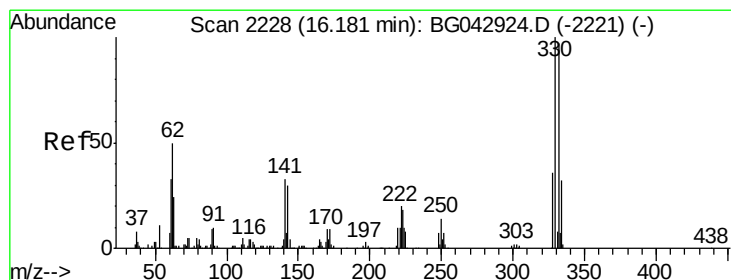
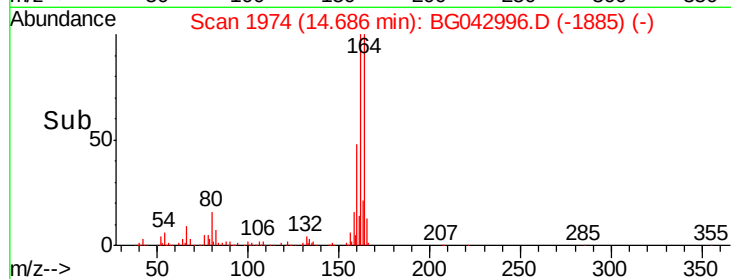
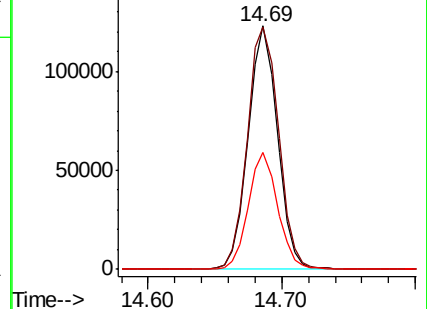
160 47.8 35.9 53.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 106.781 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG042996.D

Acq: 2 Oct 2019 22:18

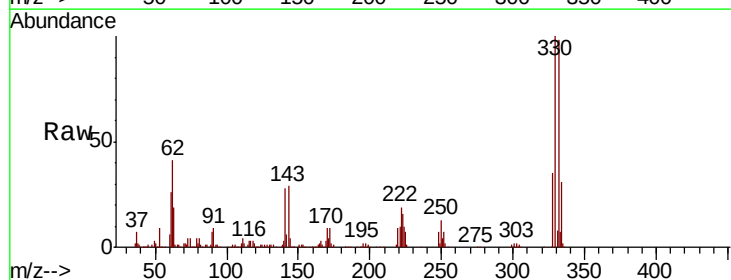
Tgt Ion:330 Resp: 341384

Ion Ratio Lower Upper

330 100

332 97.9 78.2 117.2

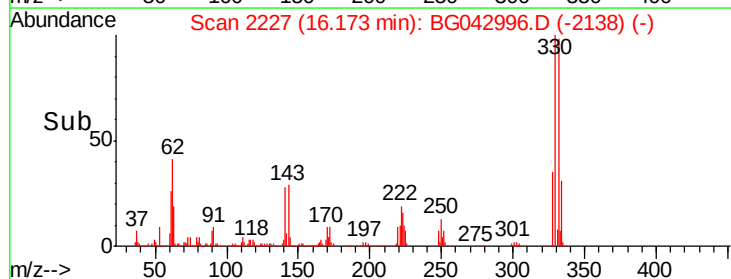
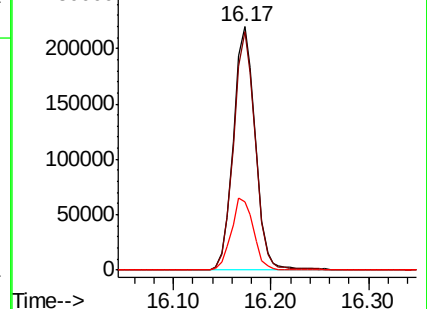
141 30.3 26.0 39.0

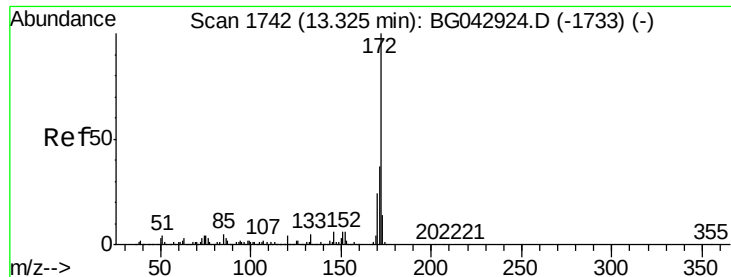


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 70.212 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG042996.D

Acq: 2 Oct 2019 22:18

Instrument :

BNA_G

ClientSampleId :

S-1

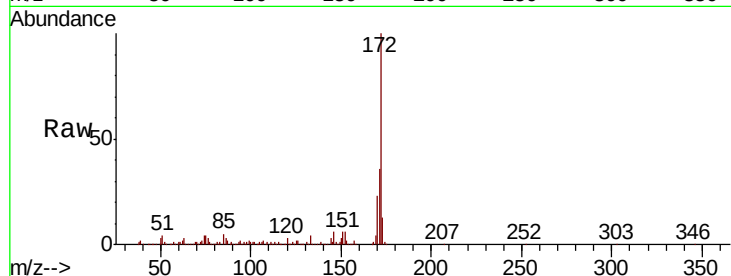
Tot Ion:172 Resp: 900459

Ion Ratio Lower Upper

172 100

171 35.6 29.6 44.4

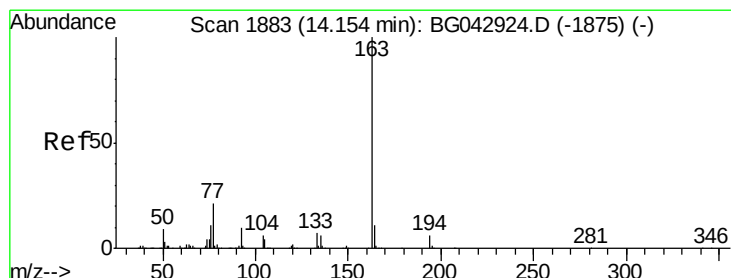
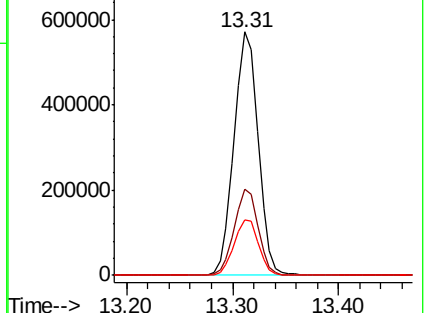
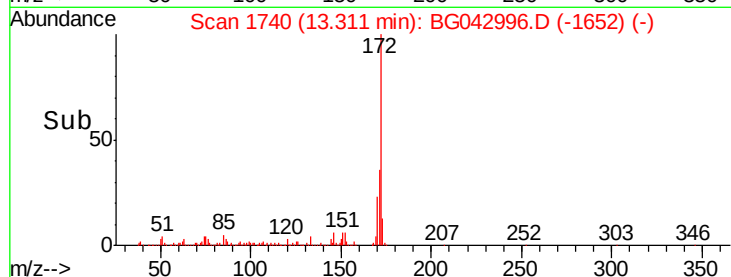
170 22.6 19.6 29.4



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: 9.029 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG042996.D

Acq: 2 Oct 2019 22:18

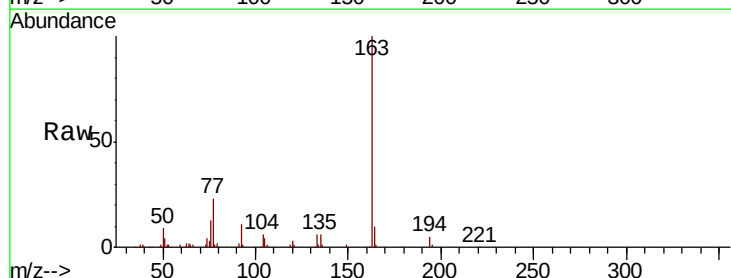
Tgt Ion:163 Resp: 125780

Ion Ratio Lower Upper

163 100

194 4.8 4.4 6.6

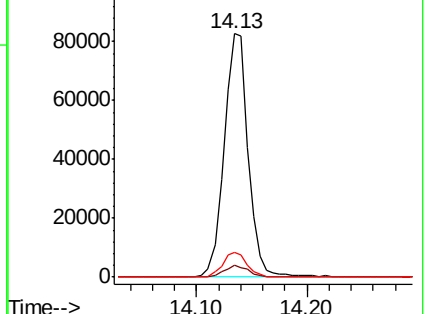
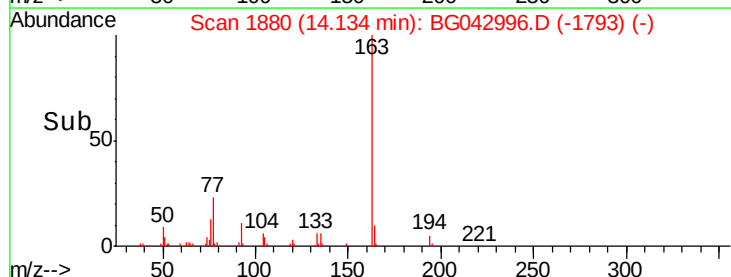
164 10.3 8.6 12.8

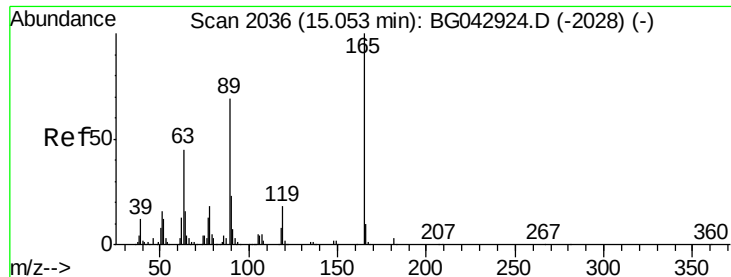


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

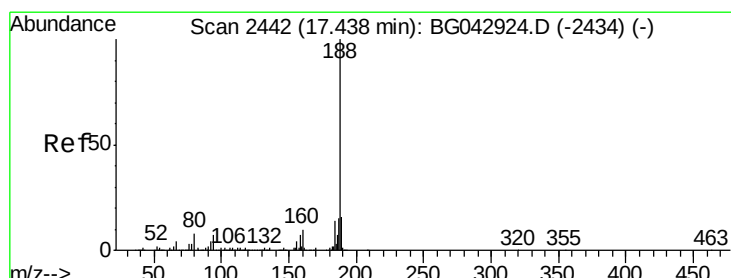
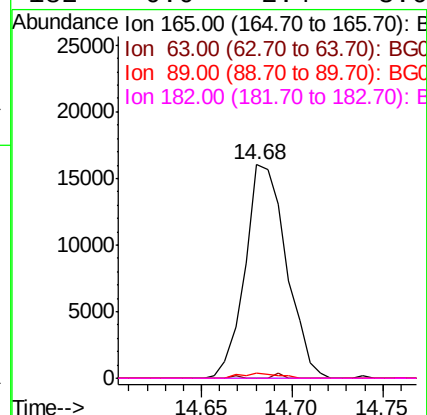
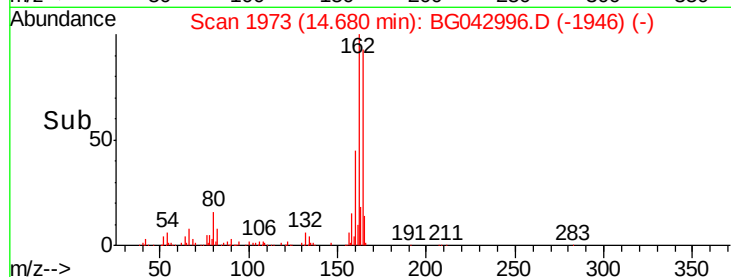
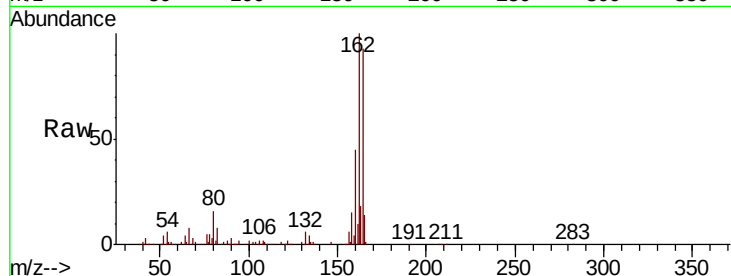




#57
 2,4-Dinitrotoluene
 Concen: 5.830 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.37 min
 Lab File: BG042996.D
 Acq: 2 Oct 2019 22:18

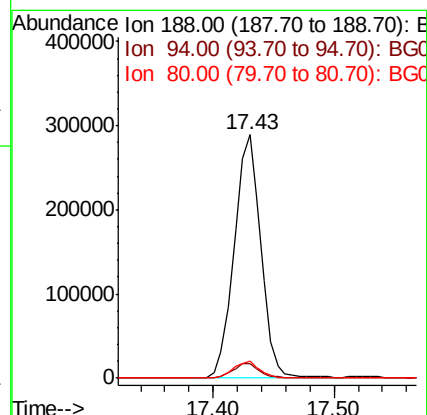
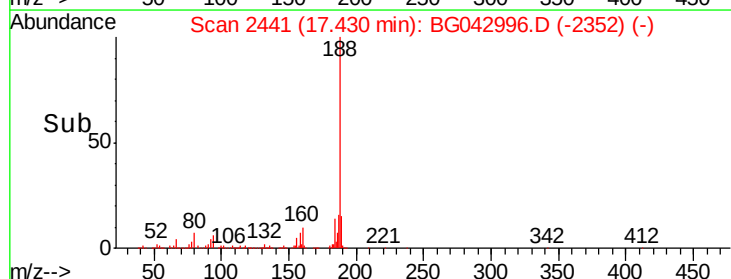
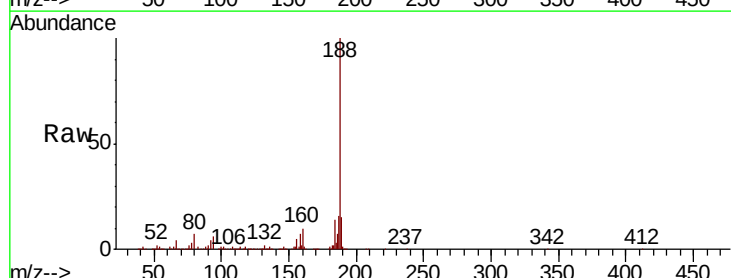
Instrument :
 BNA_G
 ClientSampled :
 S-1

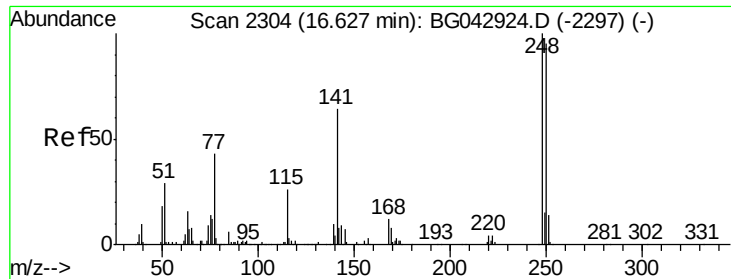
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.5	54.7#
89	2.6	55.5	83.3#
182	0.0	2.4	3.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BG042996.D
 Acq: 2 Oct 2019 22:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.7	8.5
80	7.0	6.5	9.7

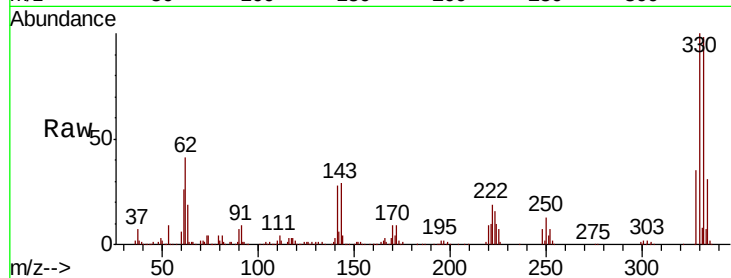




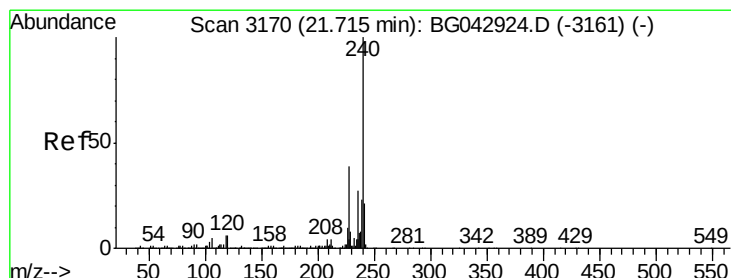
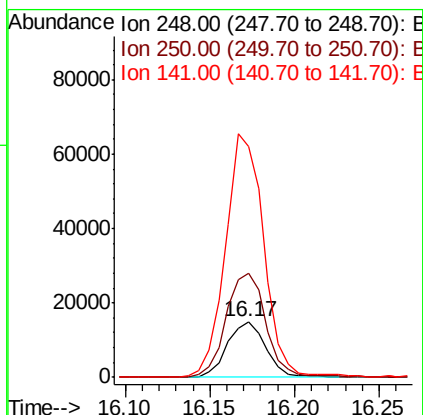
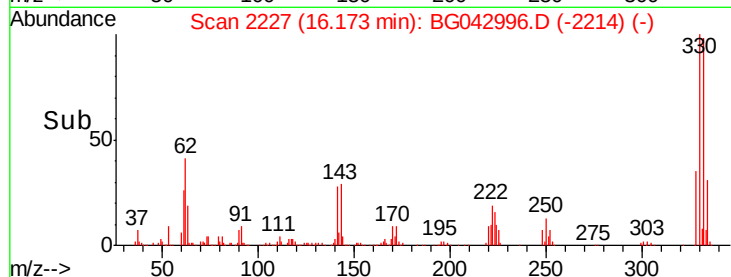
#67
 4-Bromophenyl-phenylether
 Concen: 4.205 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.45 min
 Lab File: BG042996.D
 Acq: 2 Oct 2019 22:18

Instrument :
 BNA_G
 ClientSampleId :
 S-1

Tot Ion:248 Resp: 23424
 Ion Ratio Lower Upper
 248 100
 250 187.1 75.8 113.8#
 141 416.7 51.1 76.7#

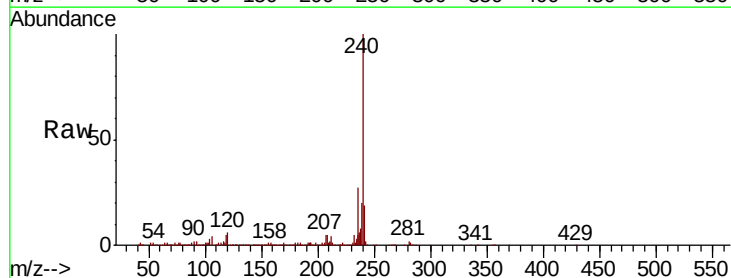


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

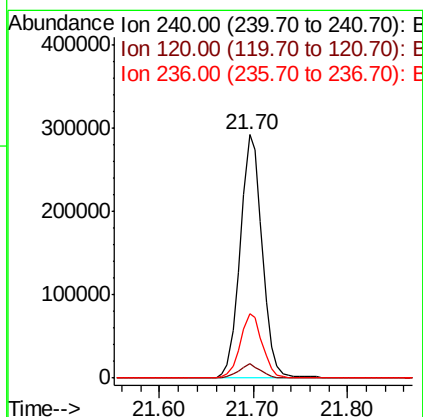
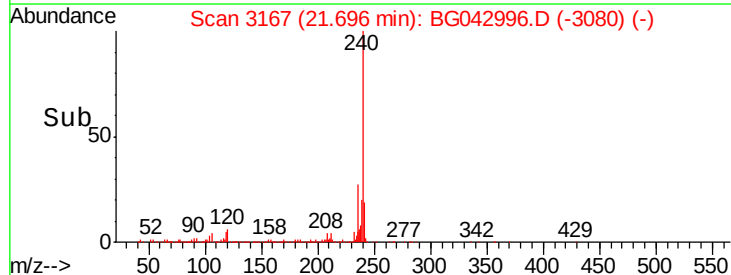


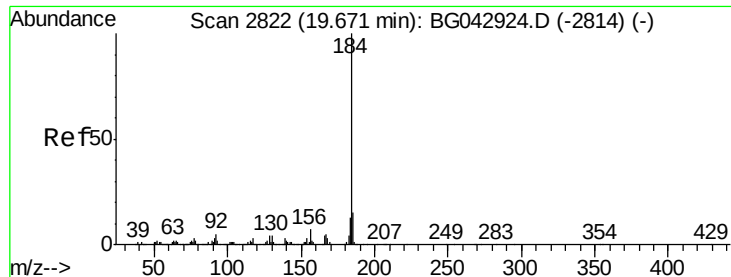
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.02 min
 Lab File: BG042996.D
 Acq: 2 Oct 2019 22:18

Tgt Ion:240 Resp: 473326
 Ion Ratio Lower Upper
 240 100
 120 6.0 4.8 7.2
 236 26.5 21.4 32.0



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





#77

Benzidine

Concen: 2.117 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.37 min

Lab File: BG042996.D

Acq: 2 Oct 2019 22:18

Instrument :

BNA_G

ClientSampleId :

S-1

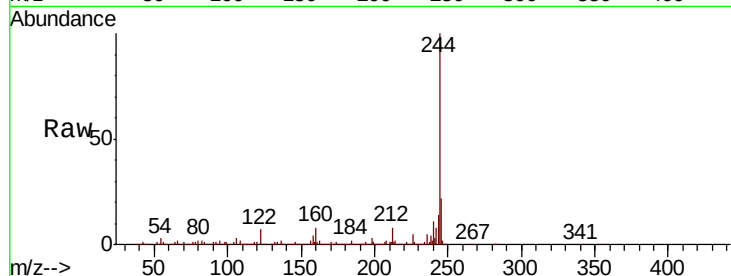
Tot Ion:184 Resp: 25084

Ion Ratio Lower Upper

184 100

185 14.2 11.8 17.8

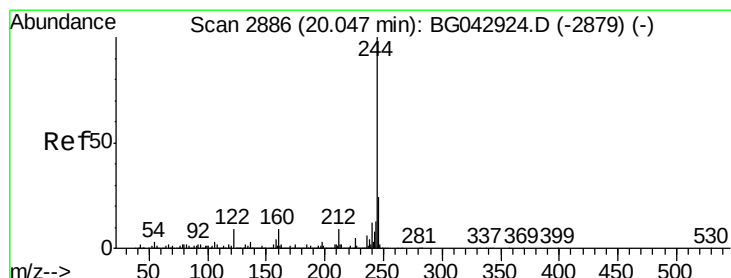
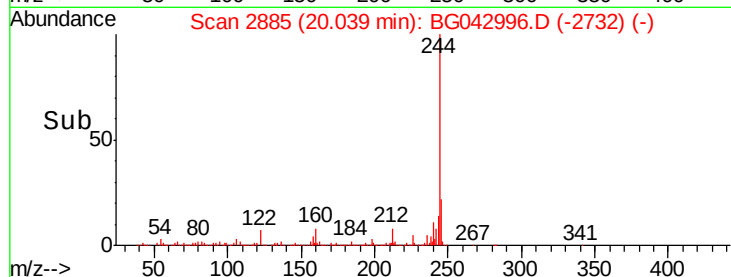
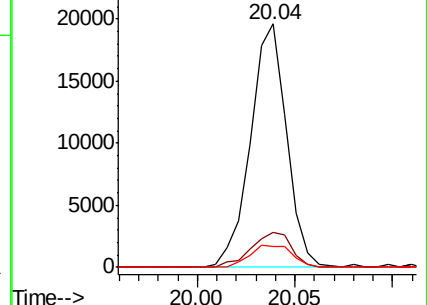
183 8.5 10.1 15.1#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 71.270 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042996.D

Acq: 2 Oct 2019 22:18

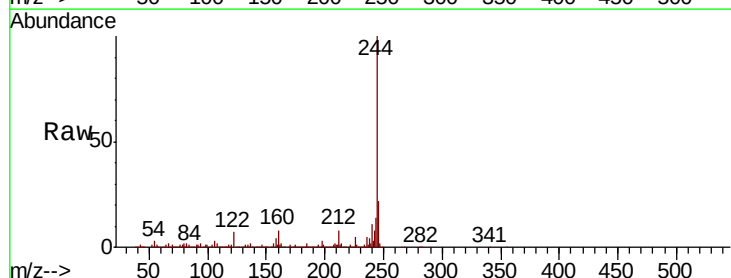
Tgt Ion:244 Resp: 1583100

Ion Ratio Lower Upper

244 100

212 7.8 7.4 11.0

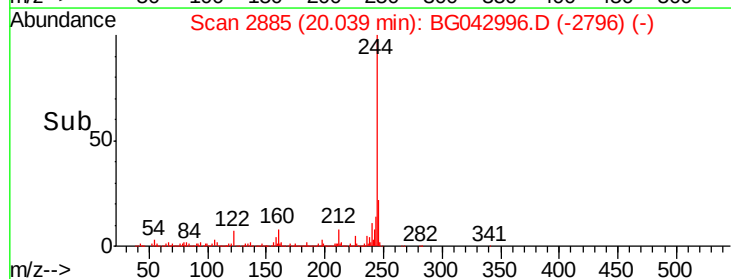
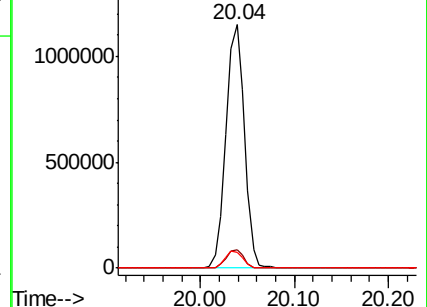
122 6.7 7.0 10.4#

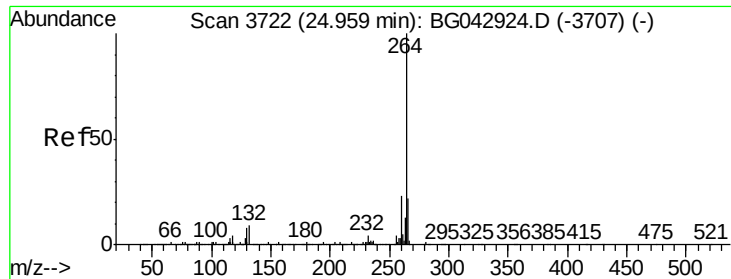


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.92 min Scan# 3716
 Delta R.T. -0.04 min
 Lab File: BG042996.D
 Acq: 2 Oct 2019 22:18

Instrument :
 BNA_G
 ClientSampleId :
 S-1

Tot Ion:	264	Resp:	552412
Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.4	17.7	26.5

