

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080219\
 Data File : BG041886.D
 Acq On : 2 Aug 2019 13:36
 Operator : HP/JU
 Sample : K4107-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 02 17:56:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

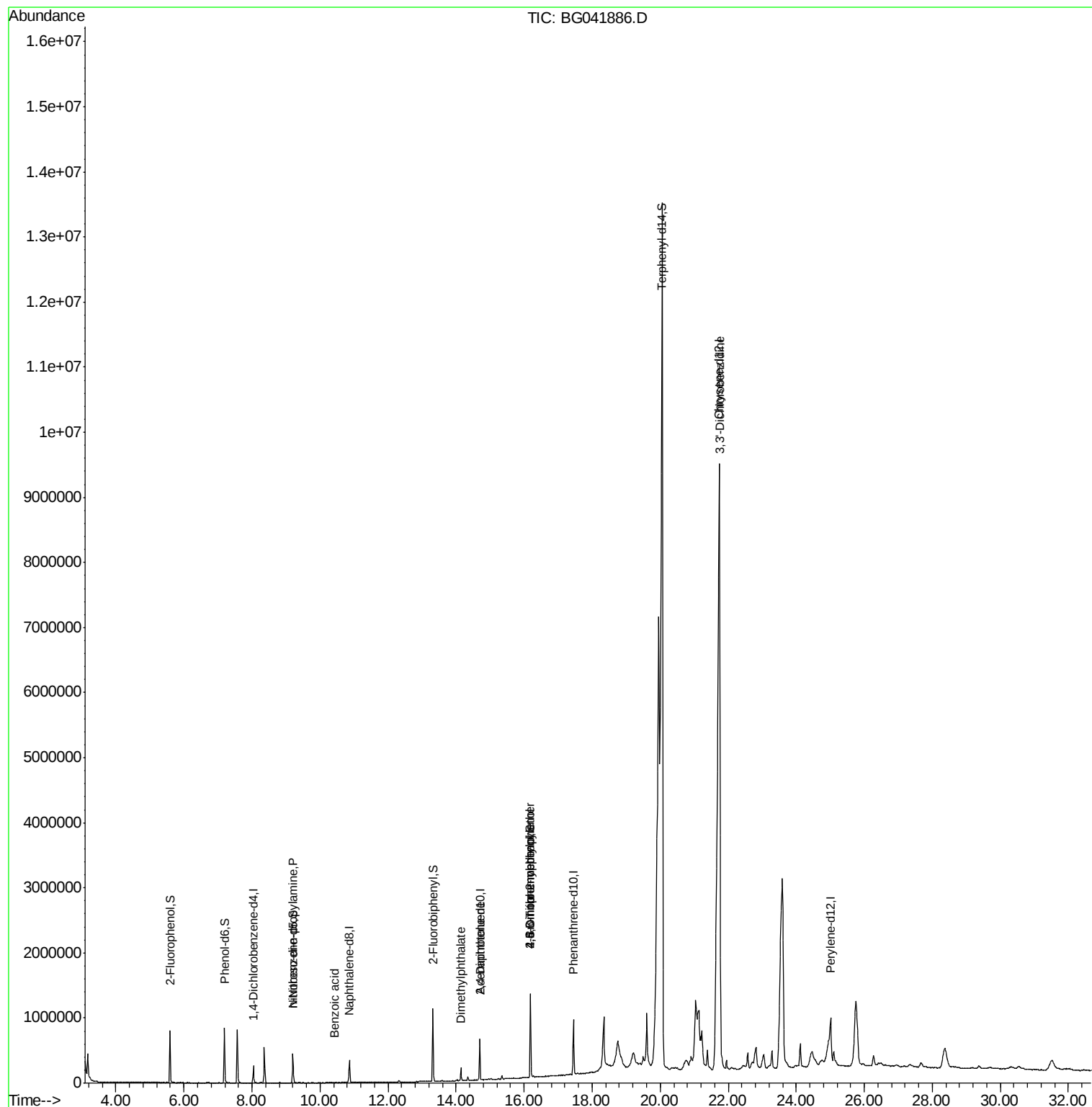
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	79901	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	318132	20.00	ng	-0.01
39) Acenaphthene-d10	14.70	164	224456	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	558067	20.00	ng	0.00
76) Chrysene-d12	21.73	240	607723	20.00	ng	0.00
87) Perylene-d12	25.01	264	741892	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	371579	90.48	ng	0.00
7) Phenol-d6	7.19	99	495270	89.46	ng	0.00
23) Nitrobenzene-d5	9.20	82	277060	59.93	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	283103	111.04	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	607733	47.75	ng	-0.01
79) Terphenyl-d14	20.06	244	1163326	43.80	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	36287	9.028	ng	# 70
32) Benzoic acid	10.44	122	61	8.746	ng	# 88
50) Dimethylphthalate	14.15	163	145074	9.464	ng	# 97
57) 2,4-Dinitrotoluene	14.70	165	29464	6.684	ng	# 28
65) 4,6-Dinitro-2-methylphenol	16.19	198	776	7.096	ng	# 1
67) 4-Bromophenyl-phenylether	16.18	248	21085	3.067	ng	# 1
82) 3,3'-Dichlorobenzidine	21.75	252	57616	3.991	ng	# 1

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

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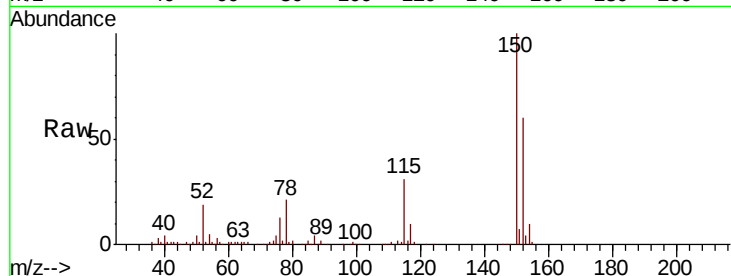


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041886.D
Acq: 2 Aug 2019 13:36

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	167.5	126.9	190.3
115	52.8	45.0	67.6

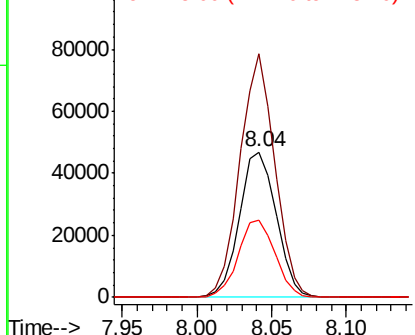
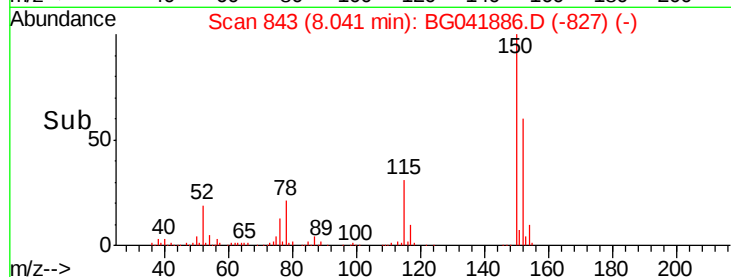


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

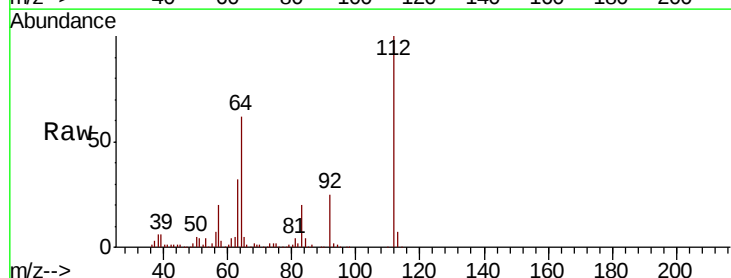
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 90.481 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG041886.D
Acq: 2 Aug 2019 13:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	55.4	83.2
63	32.2	29.1	43.7

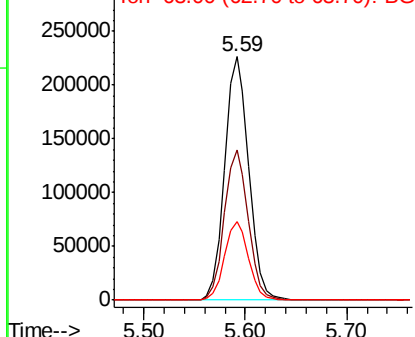
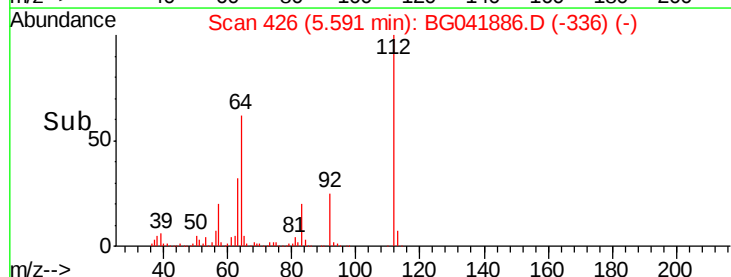


Abundance

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: 89.455 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG041886.D

Acq: 2 Aug 2019 13:36

Instrument :

BNA_G

ClientSampleId :

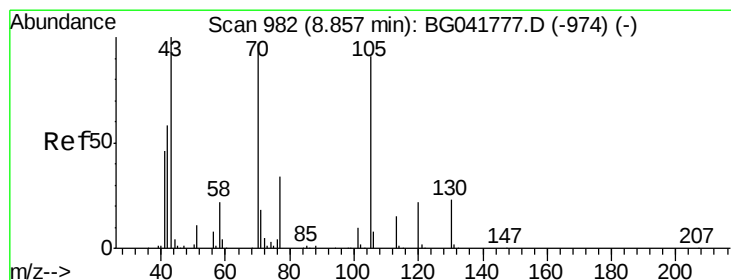
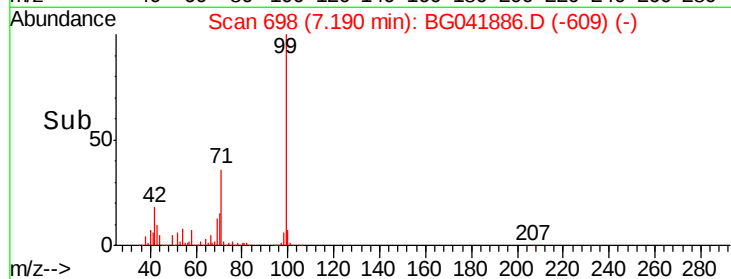
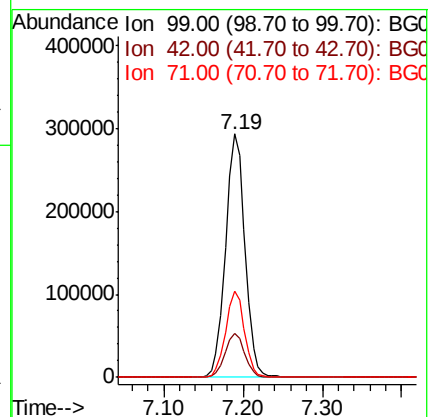
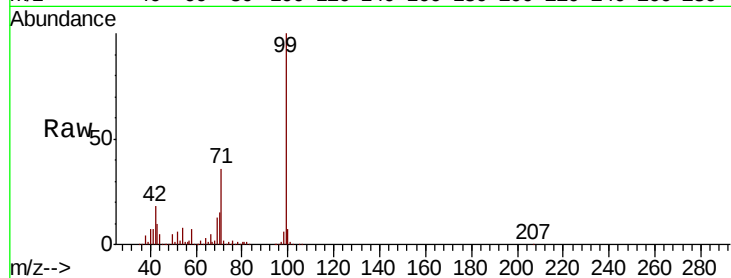
Tot Ion: 99 Resp: 495270

Ion Ratio Lower Upper

99 100

42 18.3 17.6 26.4

71 35.5 27.8 41.6



#19

n-Nitroso-di-n-propylamine

Concen: 9.028 ng

RT: 9.20 min Scan# 1041

Delta R.T. 0.35 min

Lab File: BG041886.D

Acq: 2 Aug 2019 13:36

Tgt Ion: 70 Resp: 36287

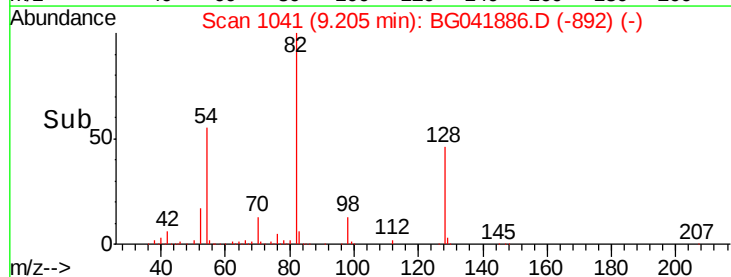
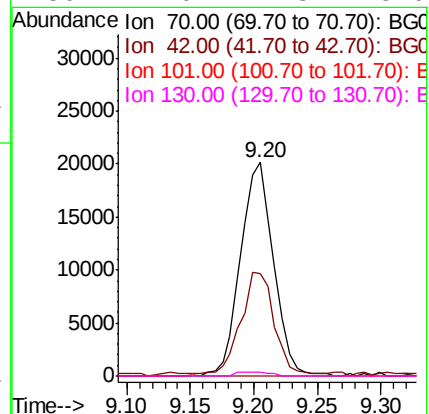
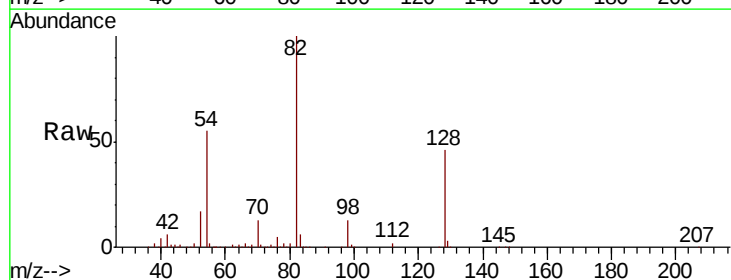
Ion Ratio Lower Upper

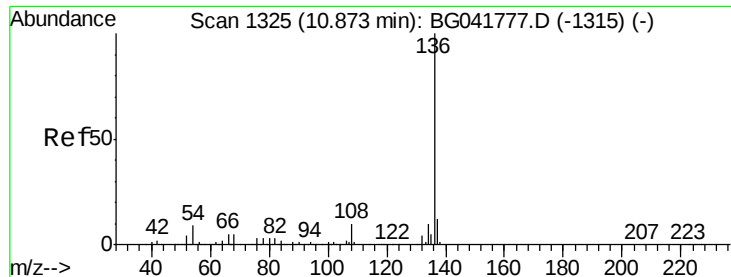
70 100

42 47.9 55.8 83.6#

101 0.0 8.1 12.1#

130 2.0 17.3 25.9#

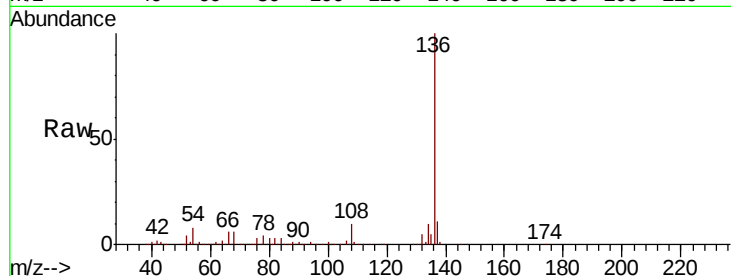




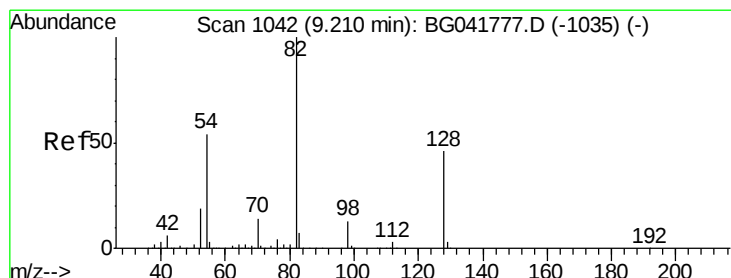
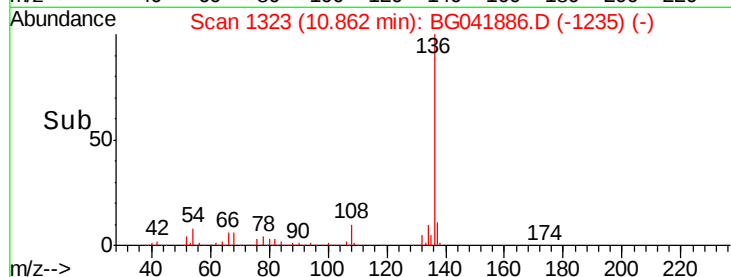
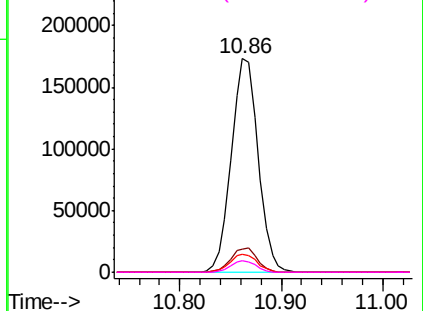
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG041886.D
Acq: 2 Aug 2019 13:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	318132
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.2 13.8
54	8.1	8.7 13.1#
68	5.6	5.5 8.3

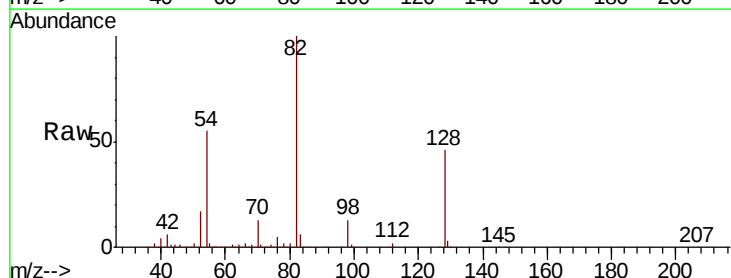


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

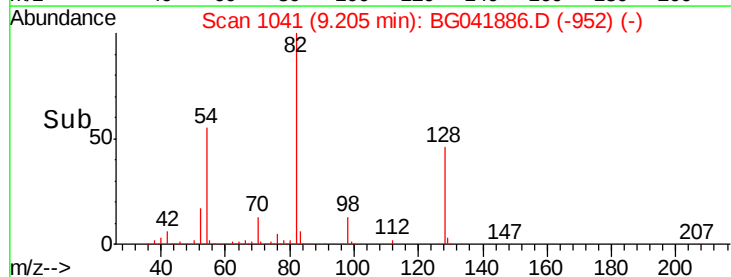
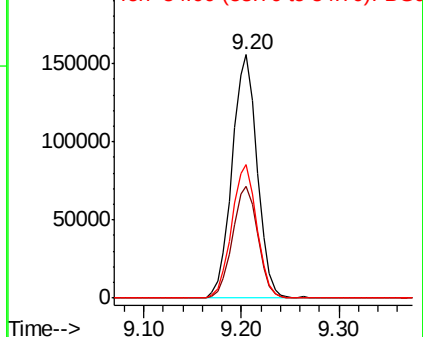


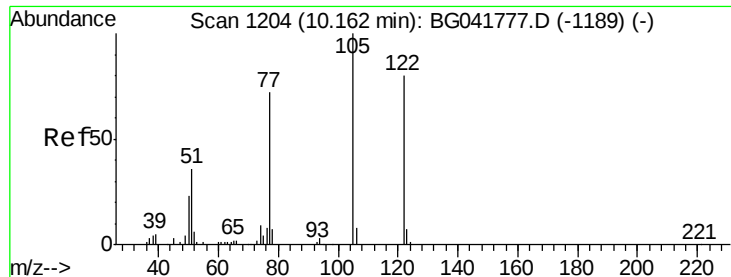
#23
Nitrobenzene-d5
Concen: 59.932 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041886.D
Acq: 2 Aug 2019 13:36

Tgt Ion: 82	Resp:	277060
Ion Ratio	Lower	Upper
82	100	
128	45.7	35.1 52.7
54	54.8	48.7 73.1



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

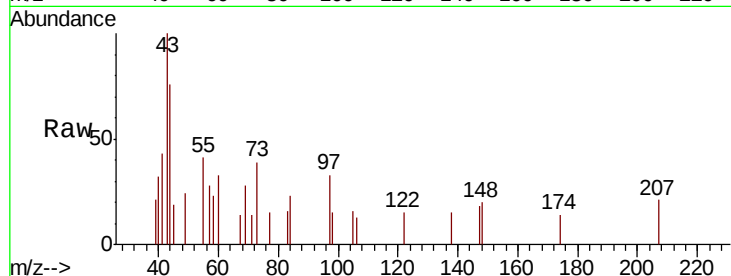




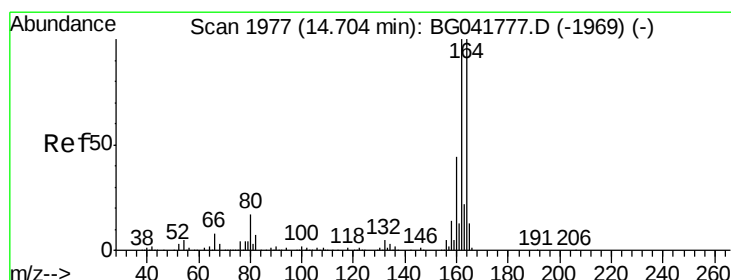
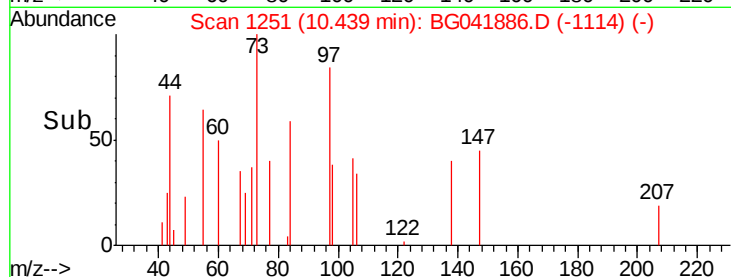
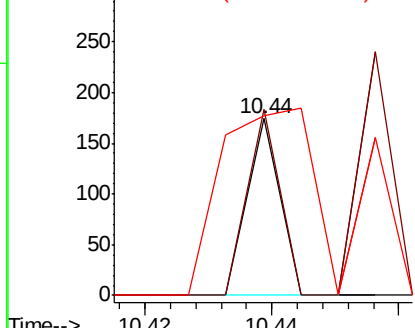
#32
Benzoic acid
Concen: 8.746 ng
RT: 10.44 min Scan# 1251
Delta R.T. 0.28 min
Lab File: BG041886.D
Acq: 2 Aug 2019 13:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
105	105.7	101.5	141.5
77	101.7	73.0	113.0

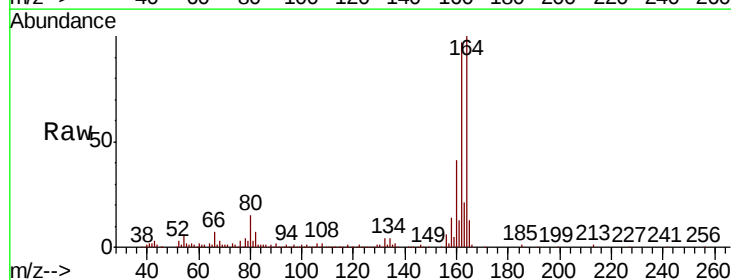


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

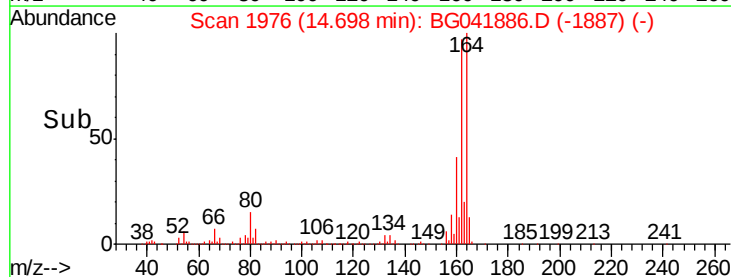
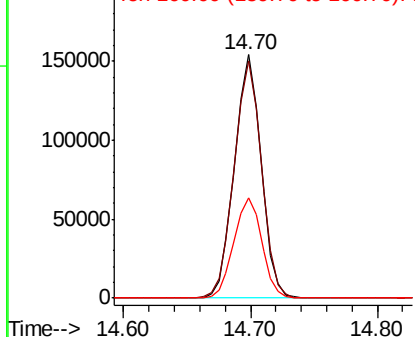


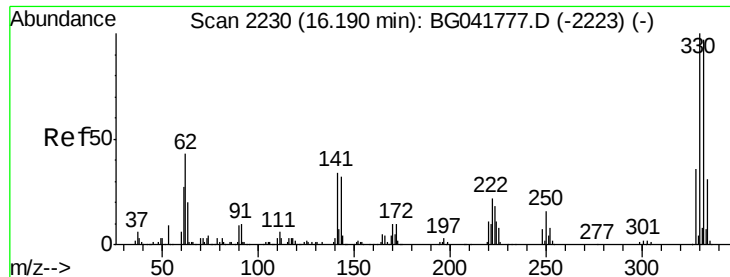
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG041886.D
Acq: 2 Aug 2019 13:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.3	79.6	119.4
160	41.1	35.4	53.0



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

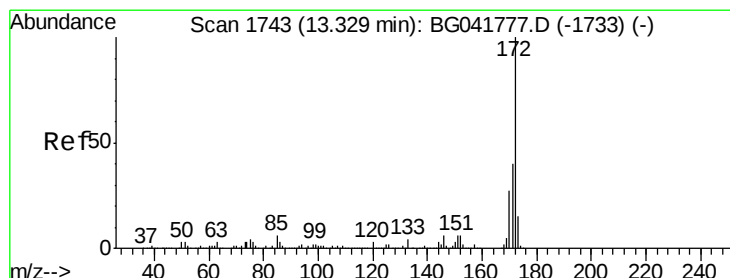
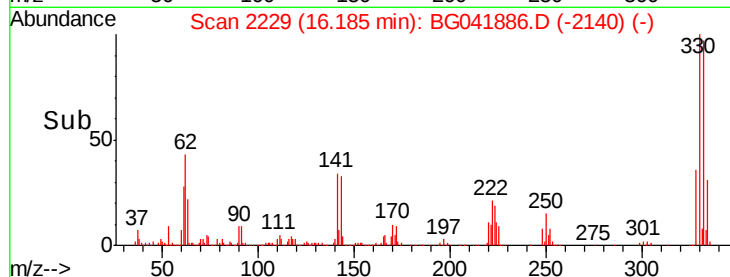
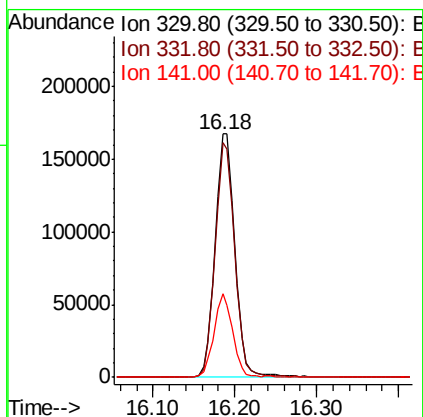
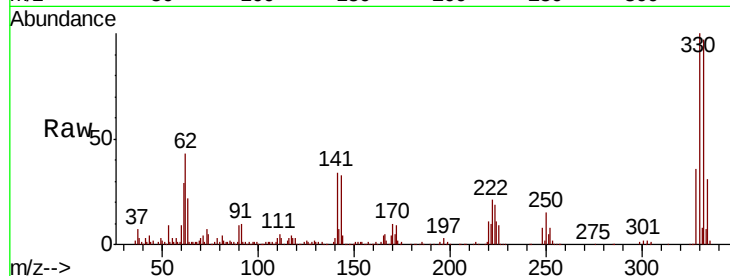




#42
 2,4,6-Tribromophenol
 Concen: 111.042 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG041886.D
 Acq: 2 Aug 2019 13:36

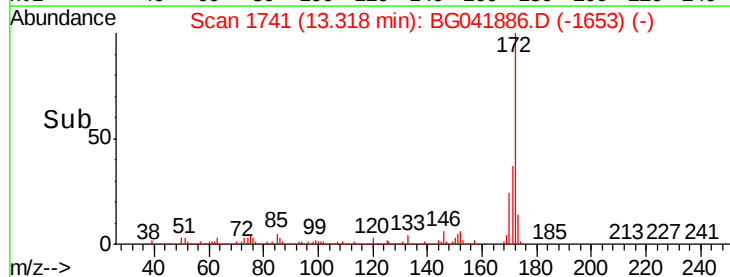
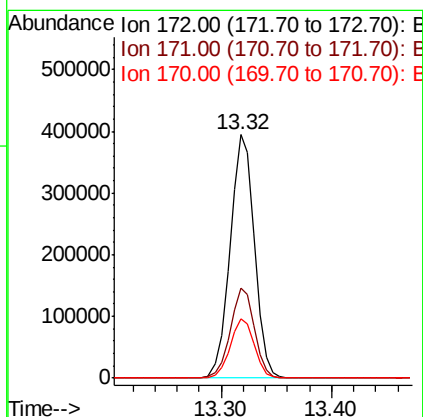
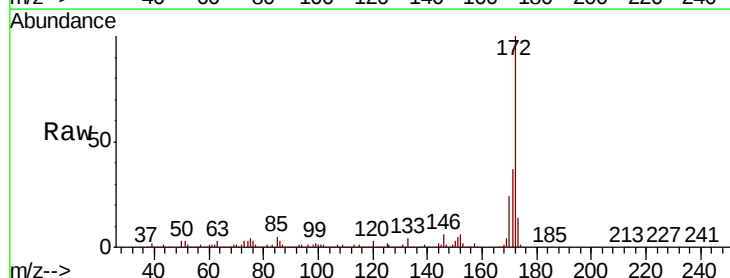
Instrument :
 BNA_G
 ClientSampleId :

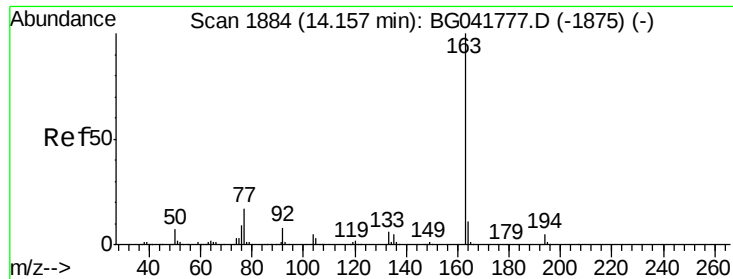
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.4	116.0
141	32.4	31.9	47.9



#45
 2-Fluorobiphenyl
 Concen: 47.754 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG041886.D
 Acq: 2 Aug 2019 13:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	35.0	52.4
170	24.2	23.5	35.3

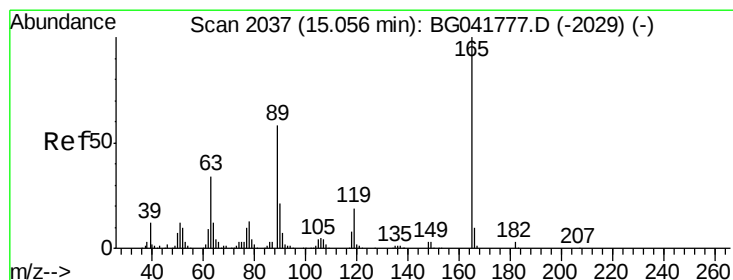
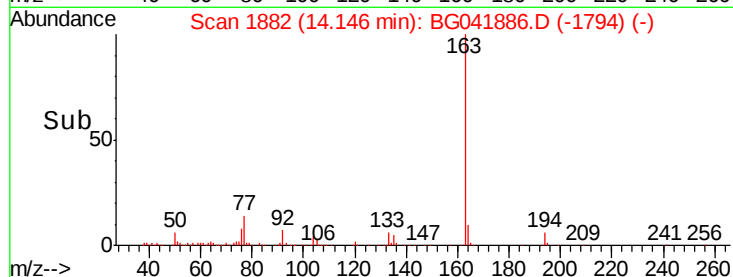
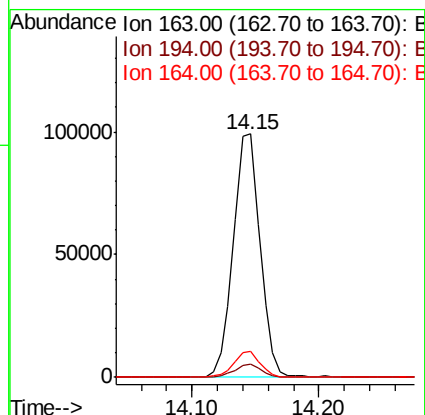
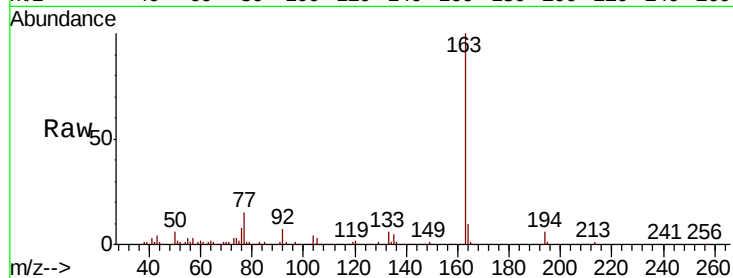




#50
Dimethylphthalate
Concen: 9.464 ng
RT: 14.15 min Scan# 1882
Delta R.T. -0.01 min
Lab File: BG041886.D
Acq: 2 Aug 2019 13:36

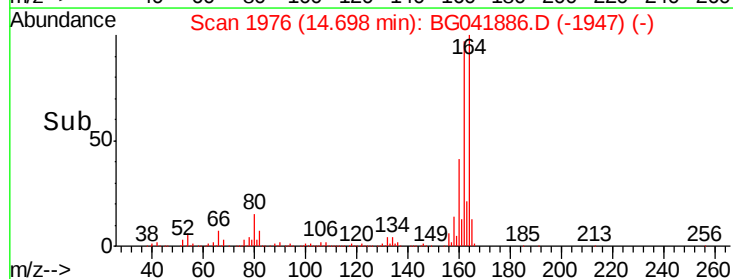
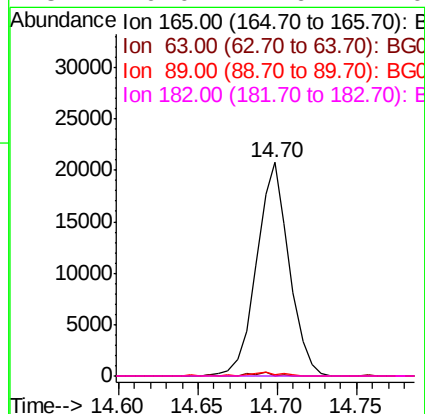
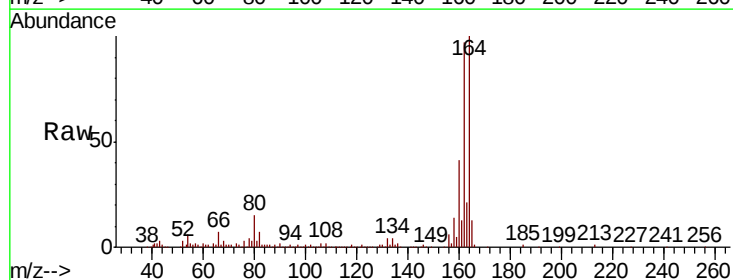
Instrument :
BNA_G
ClientSampled :

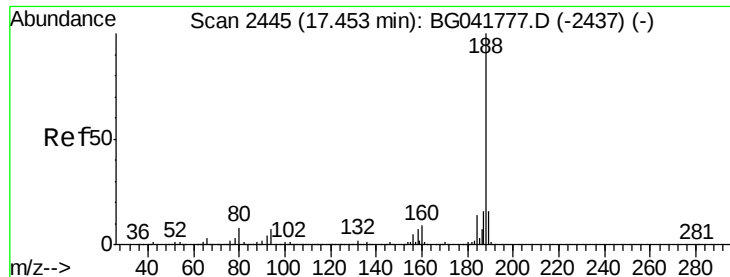
Tot Ion:163 Resp: 145074
Ion Ratio Lower Upper
163 100
194 5.7 4.2 6.2
164 10.4 9.4 14.2



#57
2,4-Dinitrotoluene
Concen: 6.684 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.36 min
Lab File: BG041886.D
Acq: 2 Aug 2019 13:36

Tgt Ion:165 Resp: 29464
Ion Ratio Lower Upper
165 100
63 0.0 31.7 47.5#
89 0.9 50.2 75.4#
182 0.0 2.6 4.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BG041886.D

Acq: 2 Aug 2019 13:36

Instrument :

BNA_G

ClientSampled :

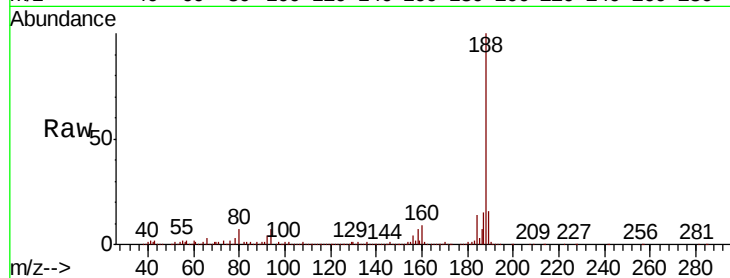
Tot Ion:188 Resp: 558067

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

80 7.0 8.0 12.0#



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

500000

400000

300000

200000

100000

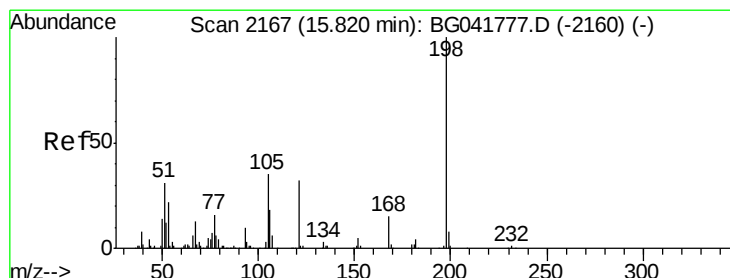
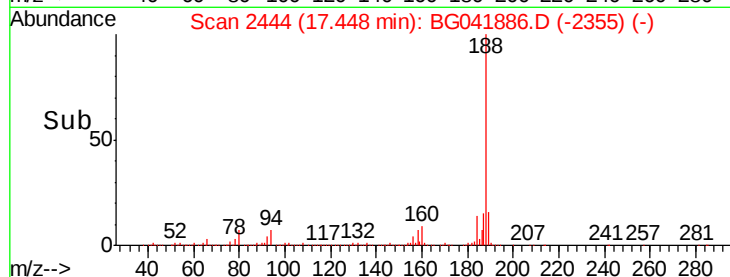
0

17.40

17.45

17.50

Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 7.096 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.37 min

Lab File: BG041886.D

Acq: 2 Aug 2019 13:36

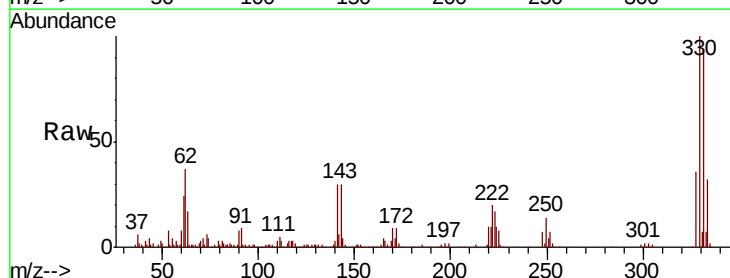
Tgt Ion:198 Resp: 776

Ion Ratio Lower Upper

198 100

51 121.4 22.3 62.3#

105 202.9 18.0 58.0#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

2000

1500

1000

500

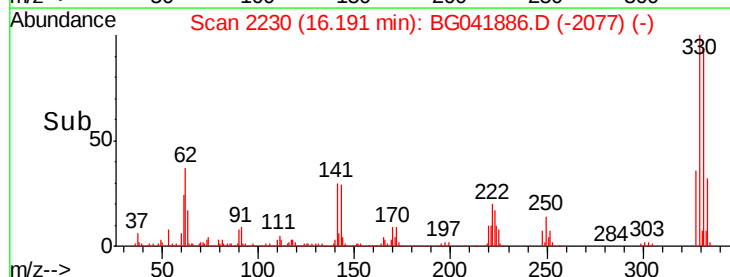
0

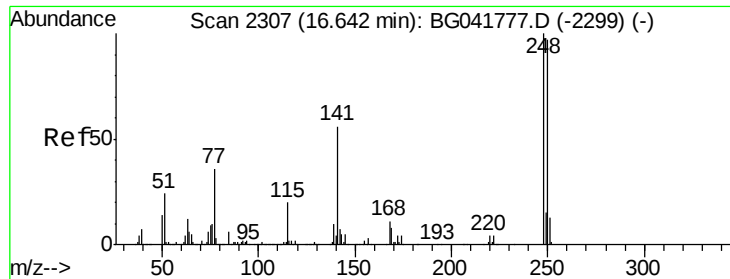
16.15

16.19

16.20

Time-->

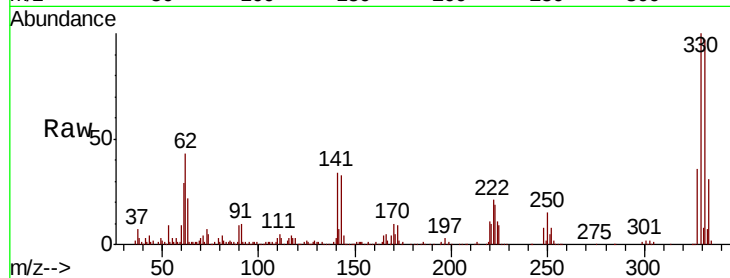




#67
4-Bromophenyl-phenylether
Concen: 3.067 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.46 min
Lab File: BG041886.D
Acq: 2 Aug 2019 13:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	195.9	78.1	117.1#
141	443.3	49.6	74.4#

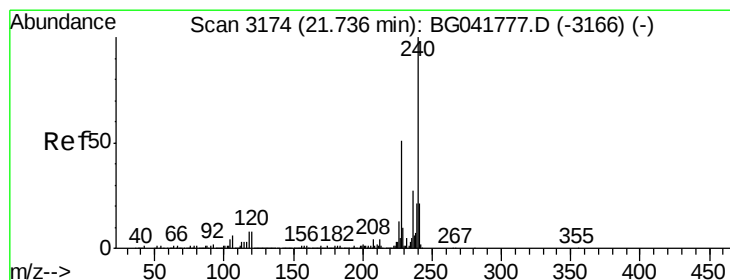
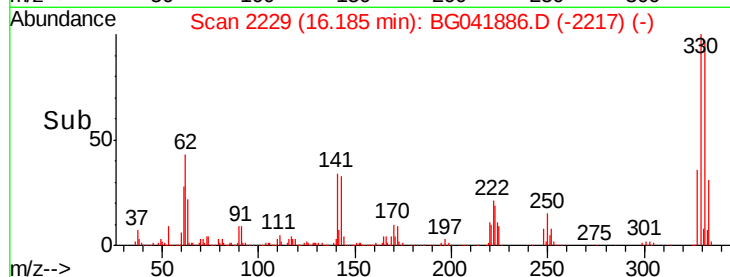
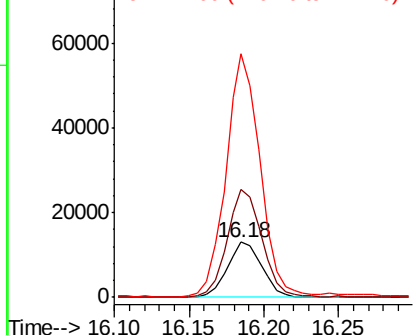


Abundance

Ion 248.00 (247.70 to 248.70): E

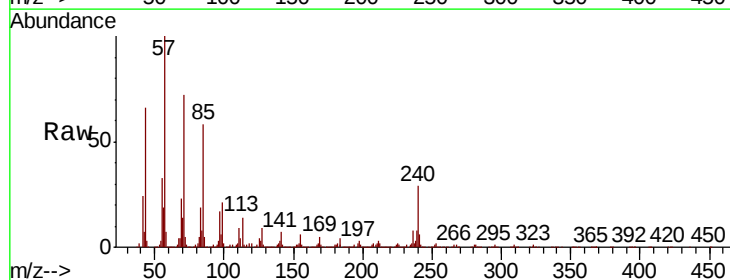
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG041886.D
Acq: 2 Aug 2019 13:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.3	8.0	12.0#
236	26.8	22.6	33.8

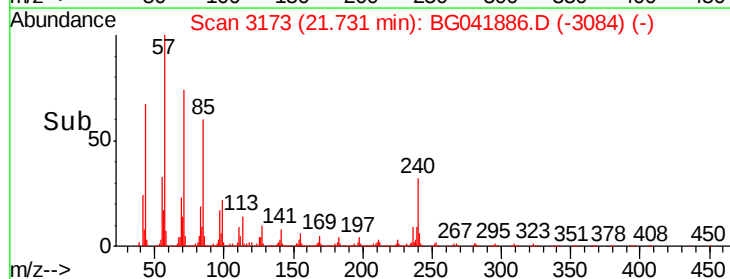
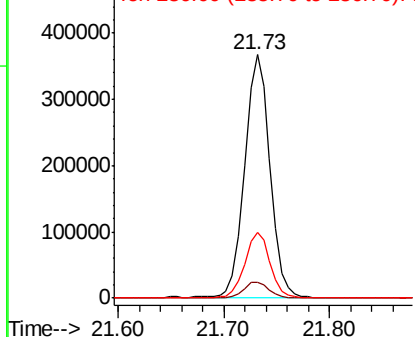


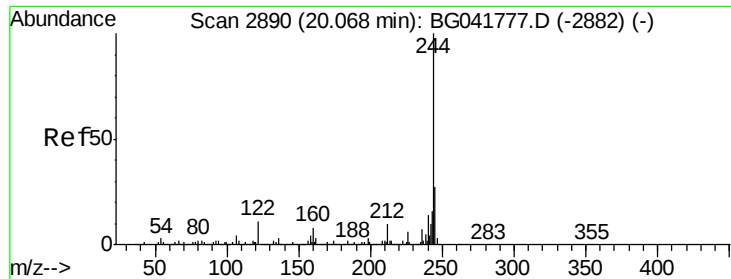
Abundance

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: 43.803 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041886.D

Acq: 2 Aug 2019 13:36

Instrument :

BNA_G

ClientSampleId :

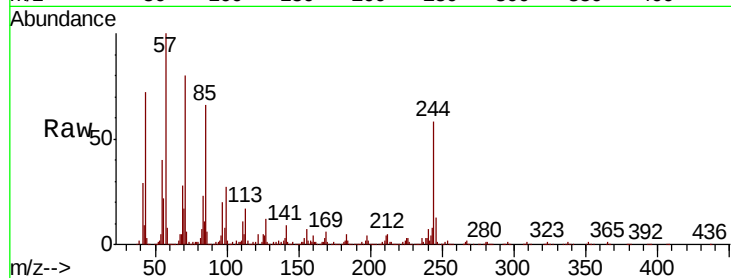
Tot Ion:244 Resp: 1163326

Ion Ratio Lower Upper

244 100

212 8.6 9.7 14.5#

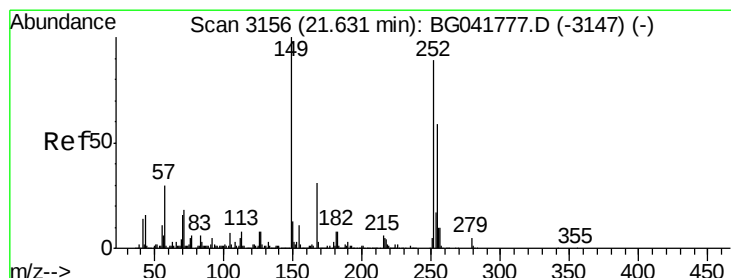
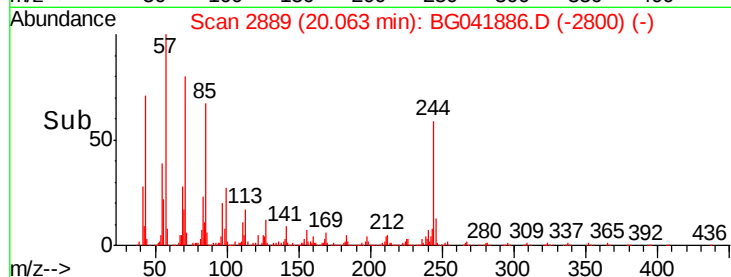
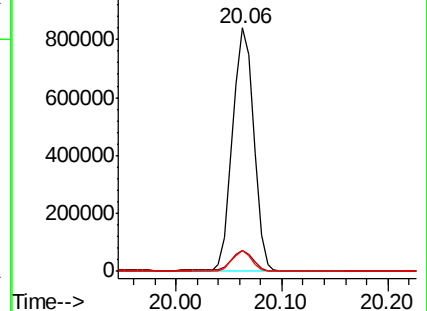
122 8.4 12.5 18.7#



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



#82

3,3'-Dichlorobenzidine

Concen: 3.991 ng

RT: 21.75 min Scan# 3176

Delta R.T. 0.12 min

Lab File: BG041886.D

Acq: 2 Aug 2019 13:36

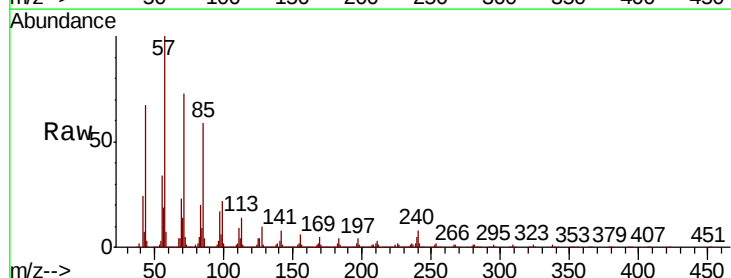
Tgt Ion:252 Resp: 57616

Ion Ratio Lower Upper

252 100

254 36.3 53.8 80.6#

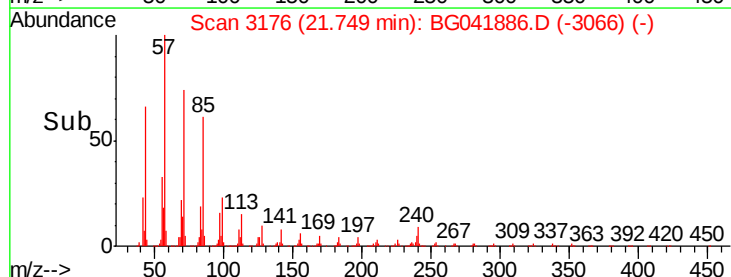
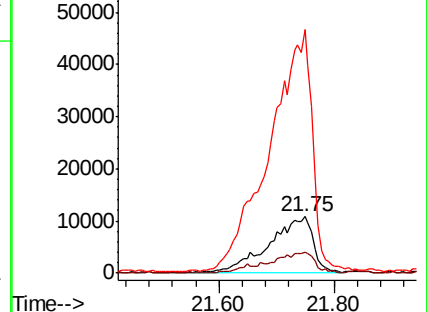
126 433.7 7.8 11.8#

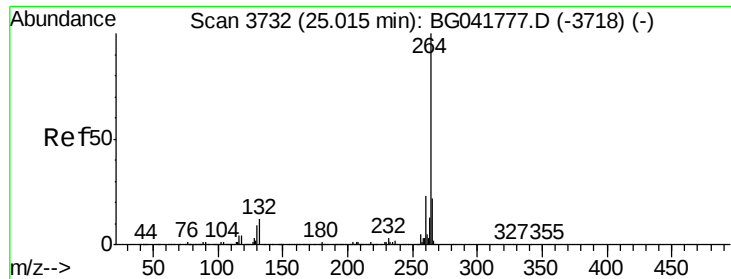


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.01 min
Lab File: BG041886.D
Acq: 2 Aug 2019 13:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.6	18.0	27.0

