

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
 Data File : BG043042.D
 Acq On : 5 Oct 2019 00:01
 Operator : JU
 Sample : K5154-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 05 04:54:06 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

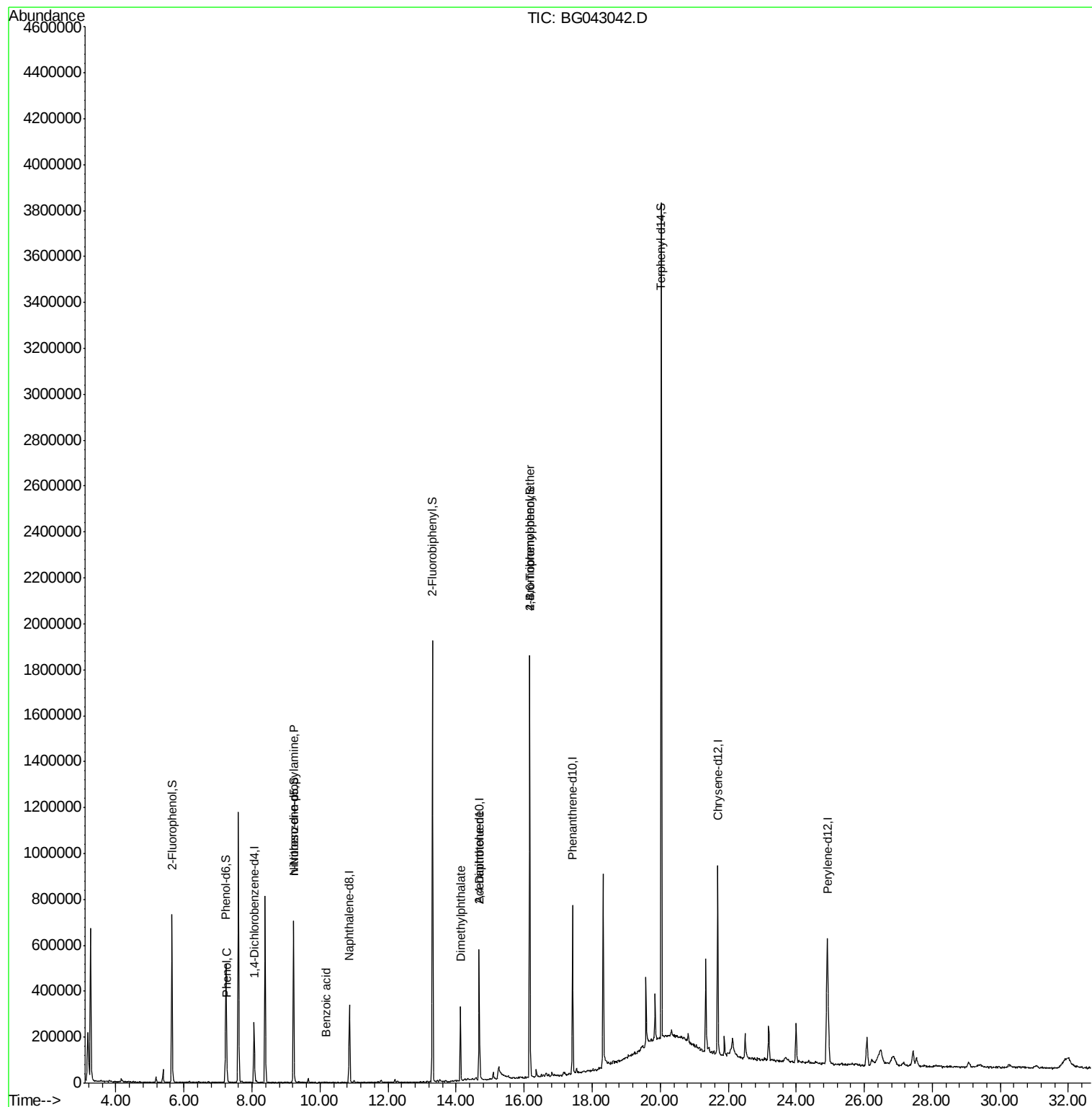
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	76103	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	292411	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	202391	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	462342	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	515272	20.00	ng	-0.02
87) Perylene-d12	24.91	264	609860	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	329029	77.16	ng	0.00
7) Phenol-d6	7.24	99	305692	49.78	ng	0.00
23) Nitrobenzene-d5	9.22	82	424254	70.52	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	403341	115.89	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1016186	72.79	ng	-0.02
79) Terphenyl-d14	20.03	244	1853131	76.64	ng	-0.01
Target Compounds						
10) Phenol	7.26	94	41113	7.297	ng	98
19) n-Nitroso-di-n-propylamine	9.22	70	60489	15.001	ng	# 70
32) Benzoic acid	10.17	122	62	2.822	ng	# 1
50) Dimethylphthalate	14.13	163	218169	14.387	ng	# 96
57) 2,4-Dinitrotoluene	14.68	165	28169	5.957	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	27577	4.752	ng	# 1

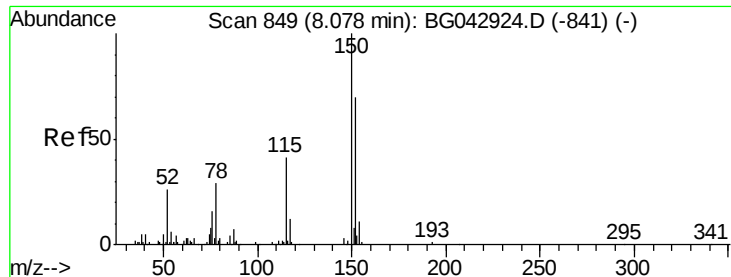
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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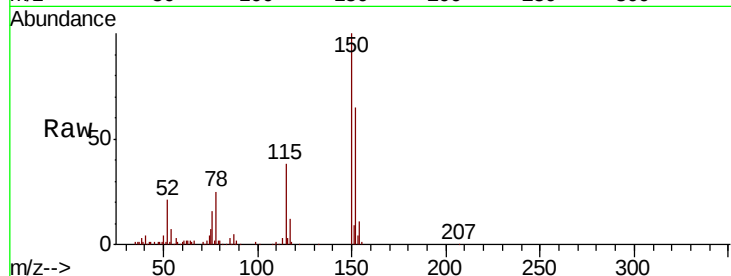


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG043042.D
Acq: 5 Oct 2019 00:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	115.0	172.4
115	58.9	47.0	70.6

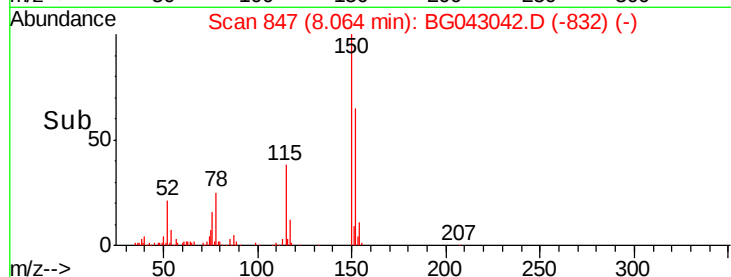
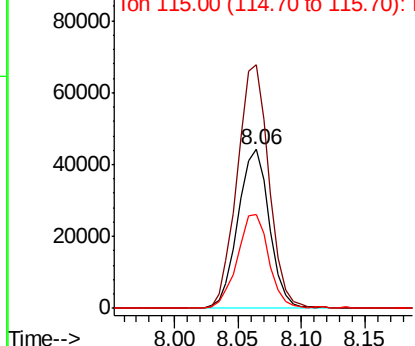


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

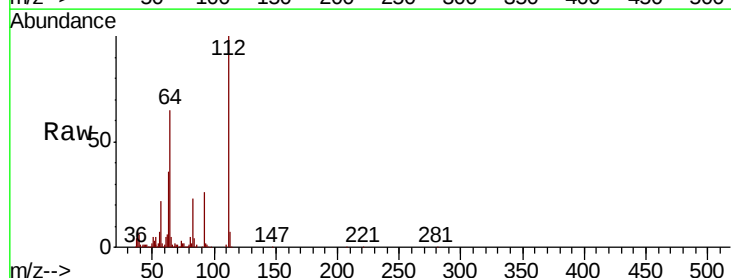
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 77.158 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG043042.D
Acq: 5 Oct 2019 00:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	56.6	84.8
63	36.5	35.1	52.7

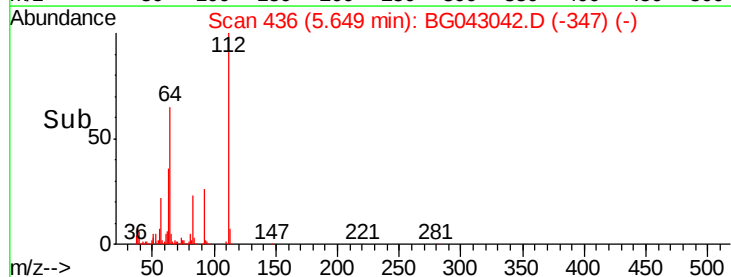
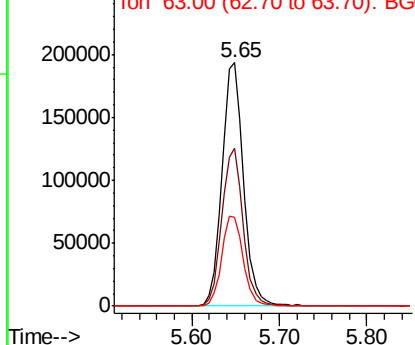


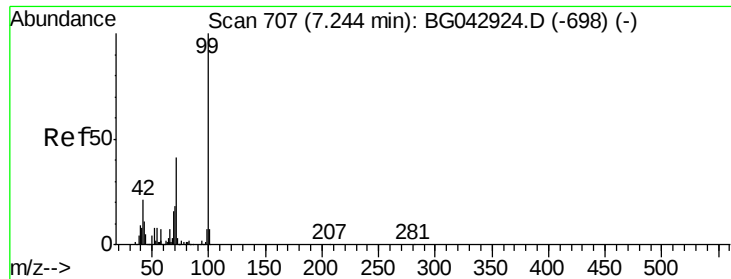
Abundance

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: 49.779 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG043042.D

Acq: 5 Oct 2019 00:01

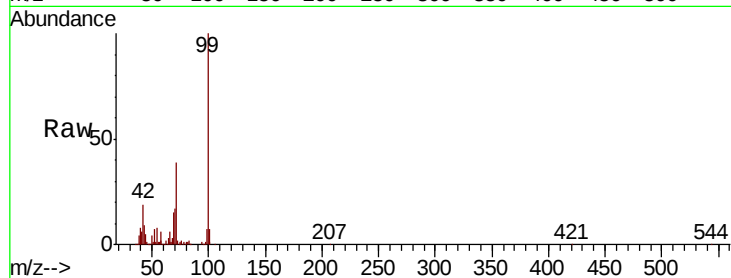
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 305692

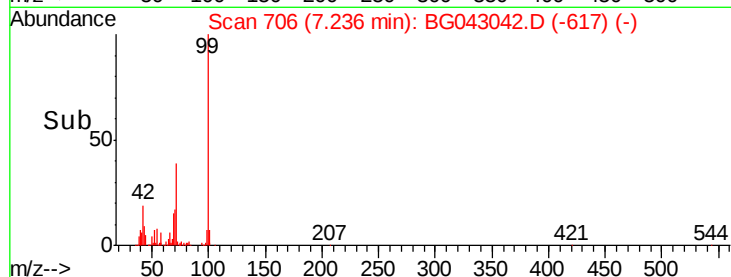
Ion	Ratio	Lower	Upper
99	100		
42	19.1	17.2	25.8
71	38.9	33.1	49.7



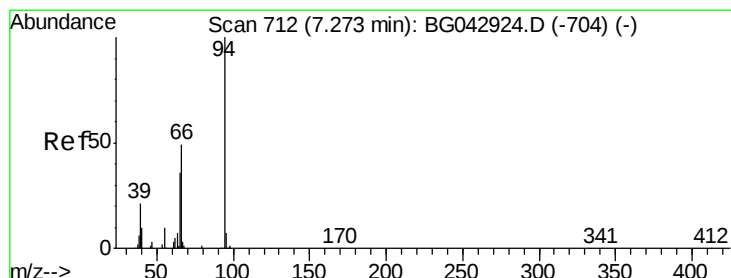
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#10

Phenol

Concen: 7.297 ng

RT: 7.26 min Scan# 710

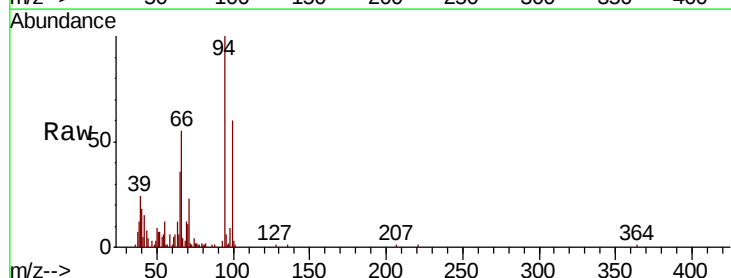
Delta R.T. -0.01 min

Lab File: BG043042.D

Acq: 5 Oct 2019 00:01

Tgt Ion: 94 Resp: 41113

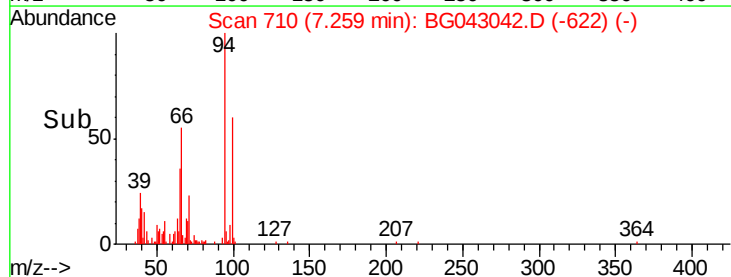
Ion	Ratio	Lower	Upper
94	100		
65	36.3	16.6	56.6
66	55.0	32.4	72.4



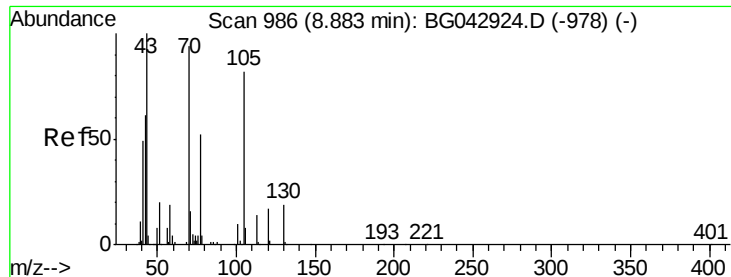
Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



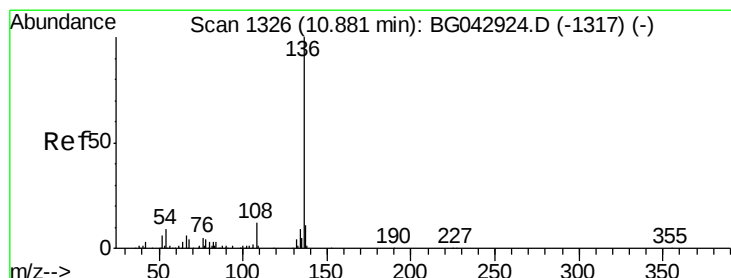
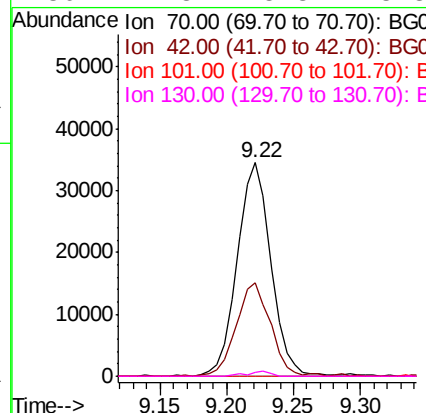
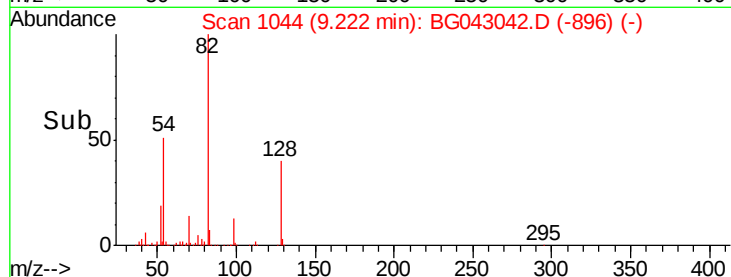
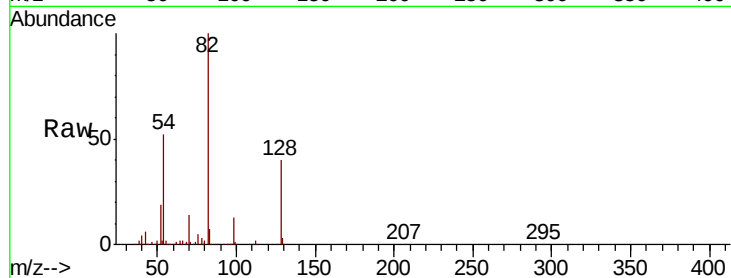
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 15.001 ng
RT: 9.22 min Scan# 1044
Delta R.T. 0.34 min
Lab File: BG043042.D
Acq: 5 Oct 2019 00:01

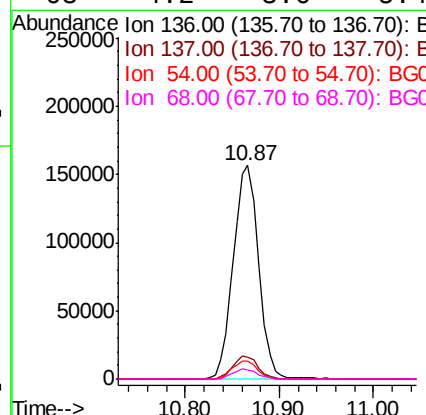
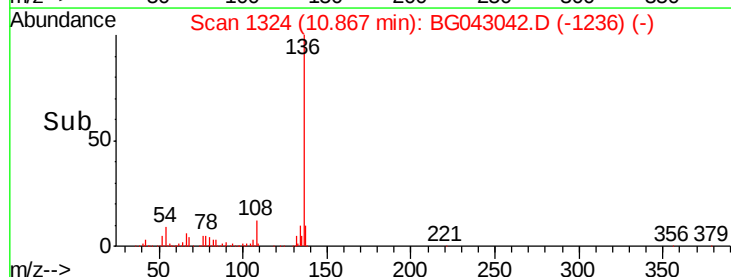
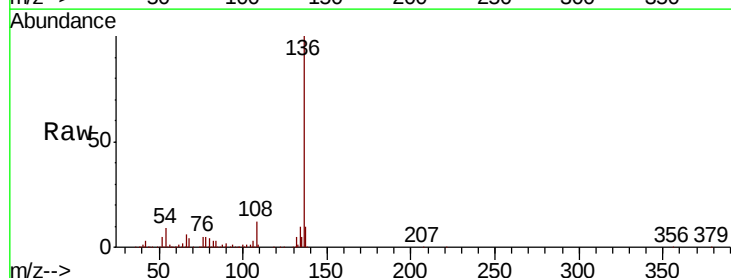
Instrument :
BNA_G
ClientSampleId :

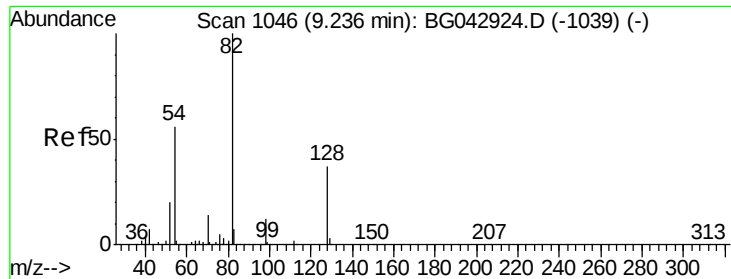
Tot Ion: 70 Resp: 60489
Ion Ratio Lower Upper
70 100
42 43.8 52.6 79.0#
101 0.0 8.7 13.1#
130 1.8 15.8 23.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG043042.D
Acq: 5 Oct 2019 00:01

Tgt Ion: 136 Resp: 292411
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 8.6 7.4 11.2
68 4.2 3.6 5.4

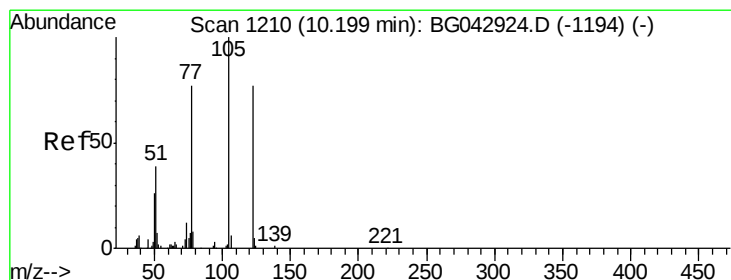
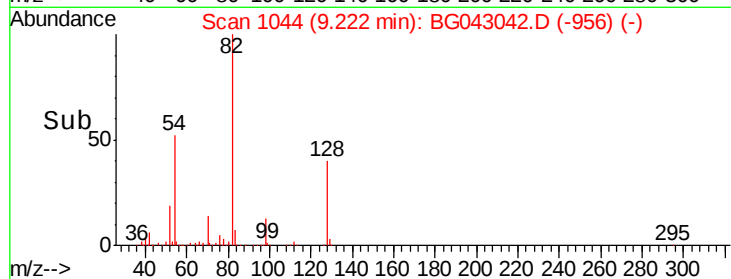
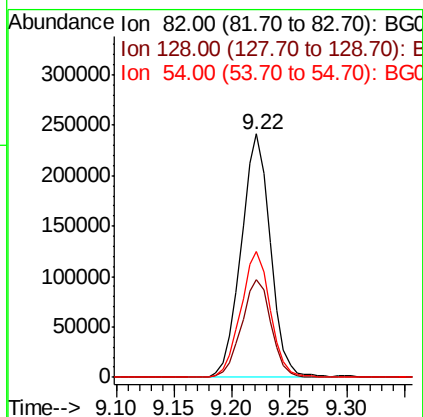
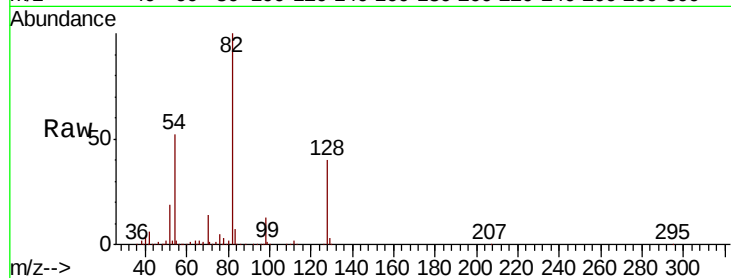




#23
Nitrobenzene-d5
Concen: 70.520 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG043042.D
Acq: 5 Oct 2019 00:01

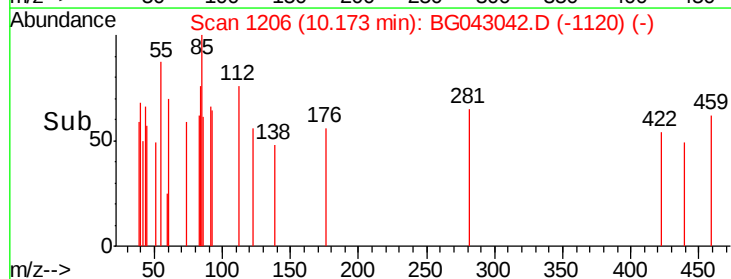
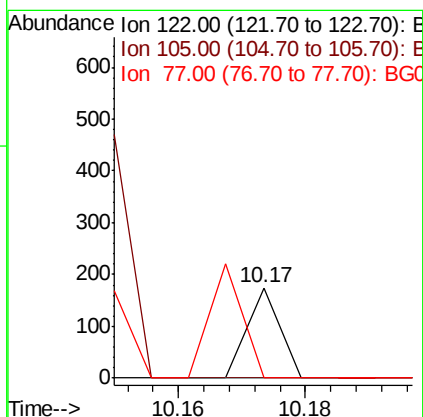
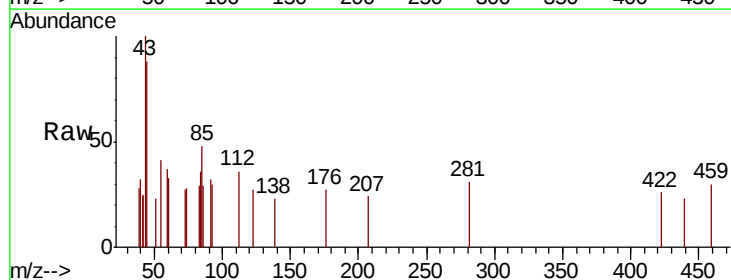
Instrument :
BNA_G
ClientSampleId :

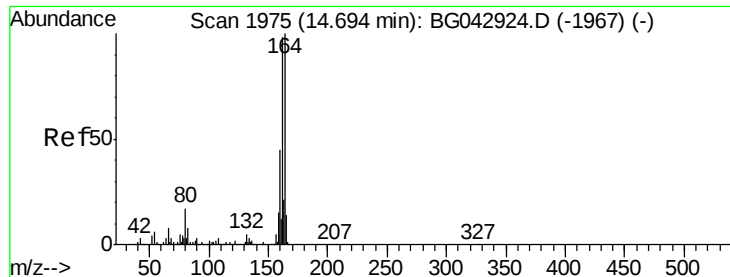
Tot Ion	82	Resp	424254
Ion Ratio	Lower	Upper	
82	100		
128	40.0	29.5	44.3
54	51.5	44.6	67.0



#32
Benzoic acid
Concen: 2.822 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.03 min
Lab File: BG043042.D
Acq: 5 Oct 2019 00:01

Tgt Ion	122	Resp	62
Ion Ratio	Lower	Upper	
122	100		
105	0.0	107.5	147.5#
77	0.0	79.8	119.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG043042.D

Acq: 5 Oct 2019 00:01

Instrument :

BNA_G

ClientSampleId :

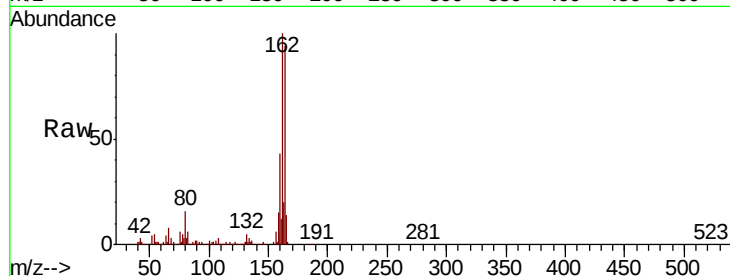
Tot Ion:164 Resp: 202391

Ion Ratio Lower Upper

164 100

162 106.0 78.5 117.7

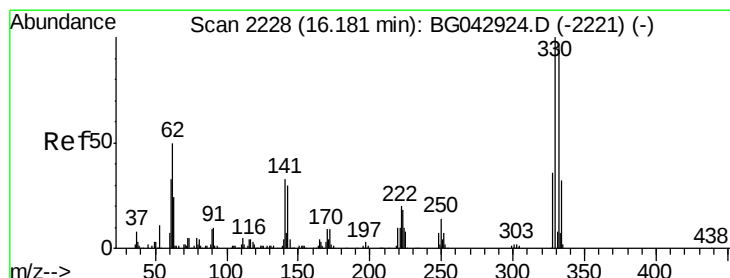
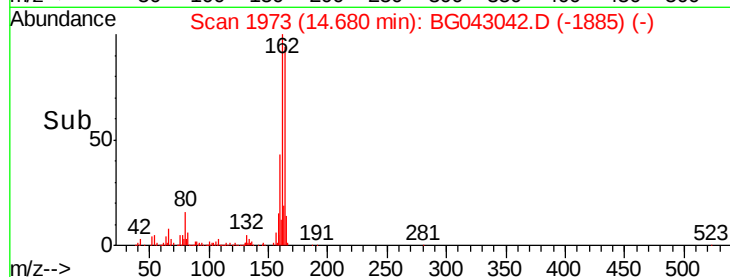
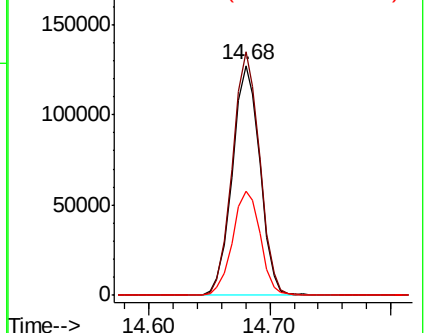
160 45.5 35.9 53.9



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: 115.895 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG043042.D

Acq: 5 Oct 2019 00:01

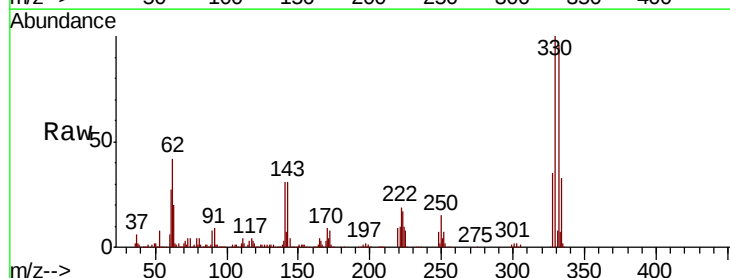
Tgt Ion:330 Resp: 403341

Ion Ratio Lower Upper

330 100

332 94.2 78.2 117.2

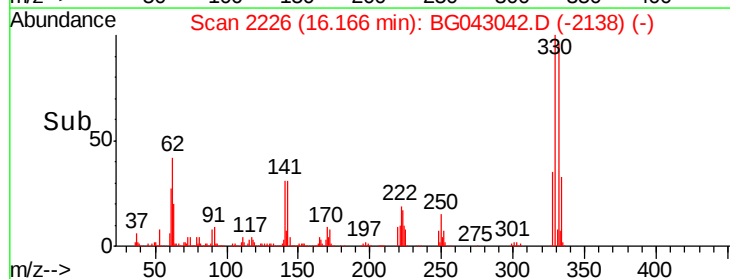
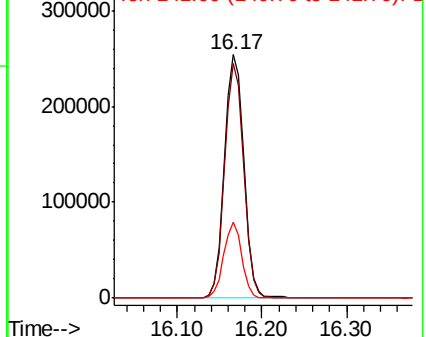
141 29.3 26.0 39.0

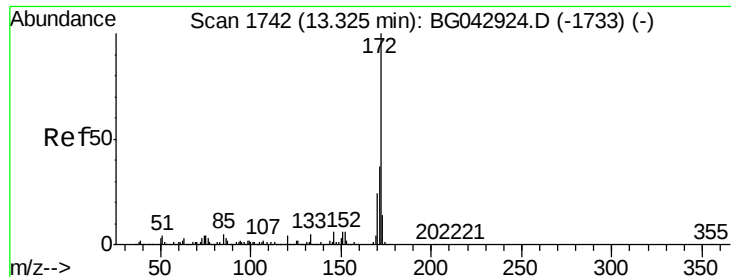


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

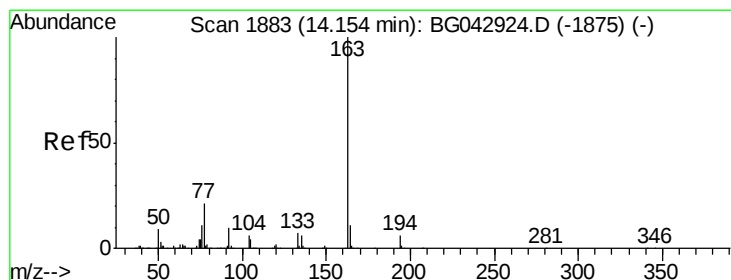
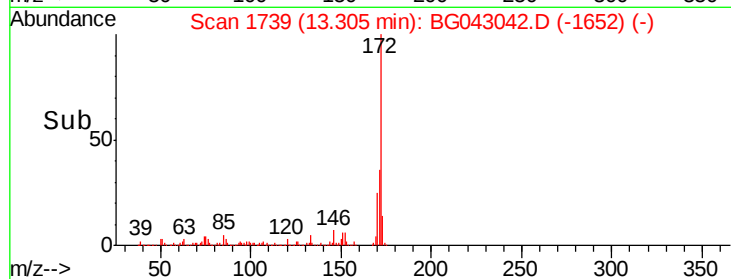
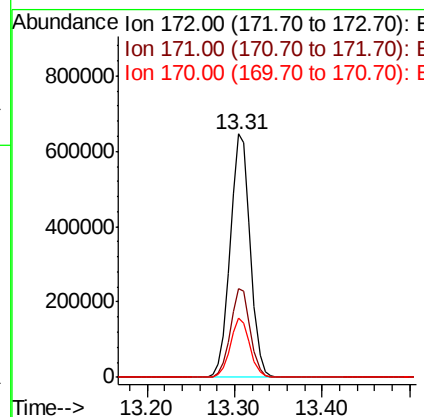
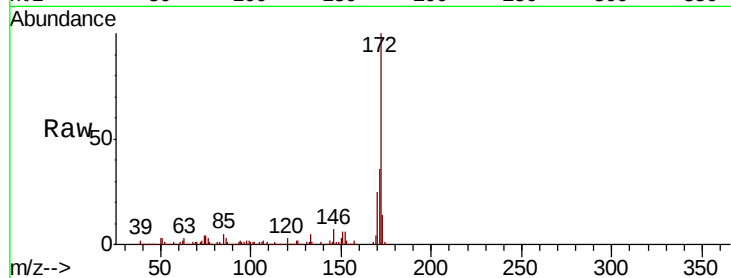




#45
2-Fluorobiphenyl
Concen: 72.788 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG043042.D
Acq: 5 Oct 2019 00:01

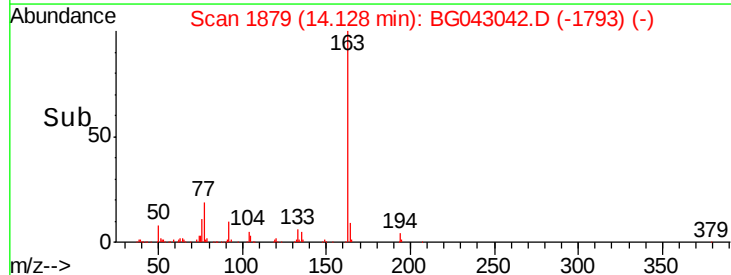
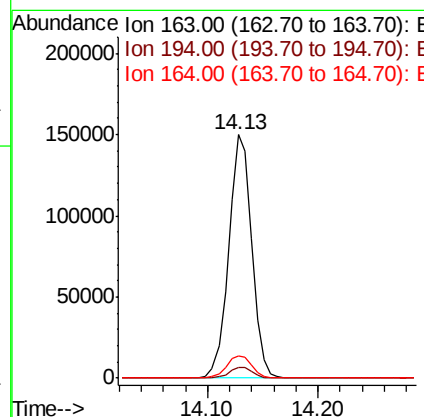
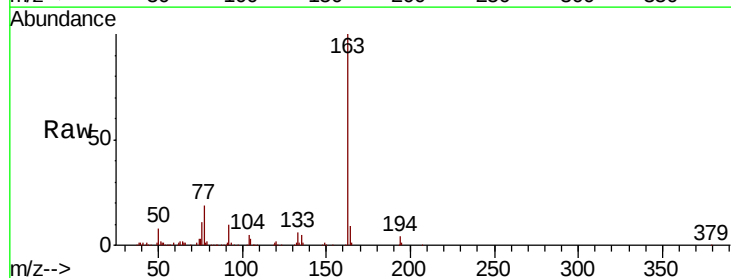
Instrument :
BNA_G
ClientSampleId :

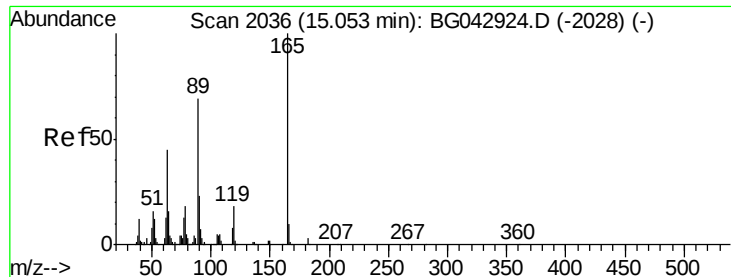
Tot Ion:172 Resp: 1016186
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.5 19.6 29.4



#50
Dimethylphthalate
Concen: 14.387 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.03 min
Lab File: BG043042.D
Acq: 5 Oct 2019 00:01

Tgt Ion:163 Resp: 218169
Ion Ratio Lower Upper
163 100
194 4.4 4.4 6.6#
164 9.2 8.6 12.8

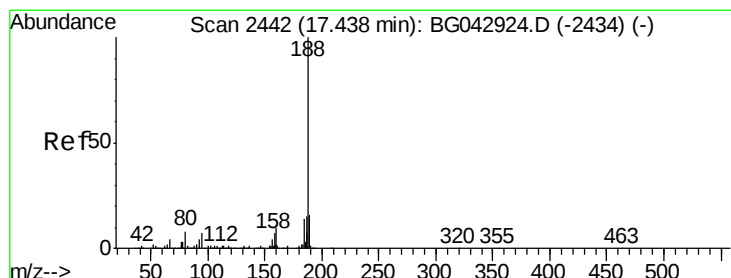
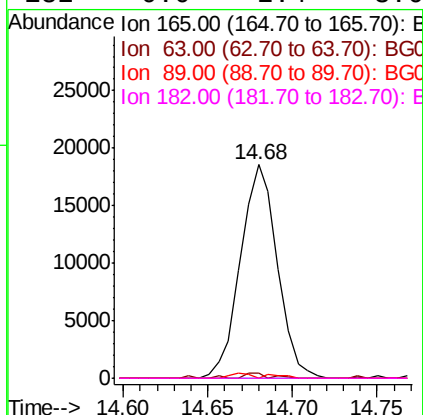
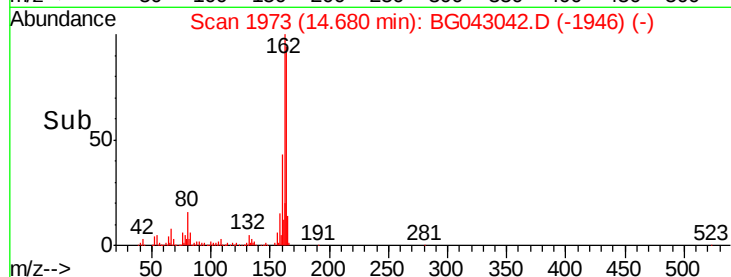
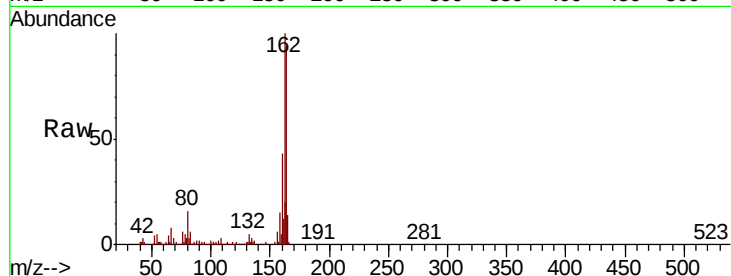




#57
 2,4-Dinitrotoluene
 Concen: 5.957 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.37 min
 Lab File: BG043042.D
 Acq: 5 Oct 2019 00:01

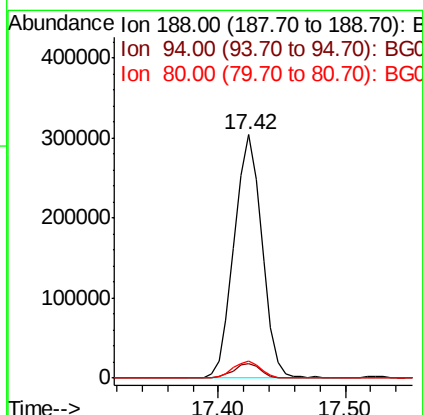
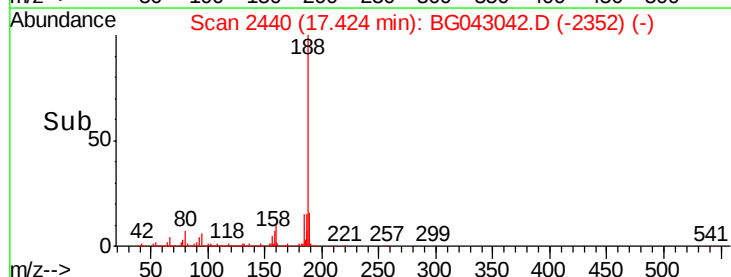
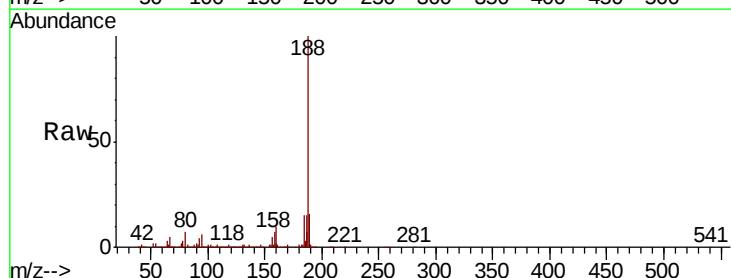
Instrument :
 BNA_G
 ClientSampleId :

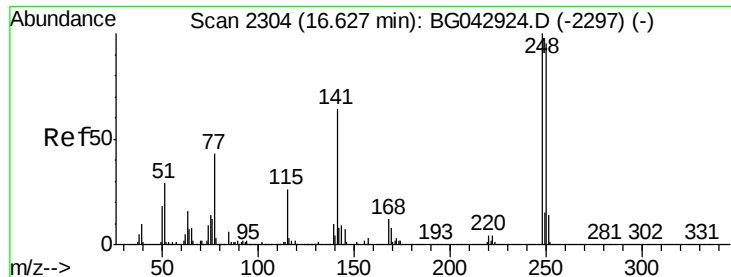
Tot Ion:165 Resp: 28169
 Ion Ratio Lower Upper
 165 100
 63 2.6 36.5 54.7#
 89 0.0 55.5 83.3#
 182 0.0 2.4 3.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BG043042.D
 Acq: 5 Oct 2019 00:01

Tgt Ion:188 Resp: 462342
 Ion Ratio Lower Upper
 188 100
 94 5.9 5.7 8.5
 80 7.2 6.5 9.7

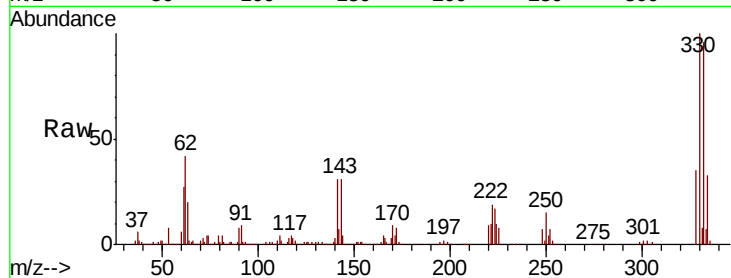




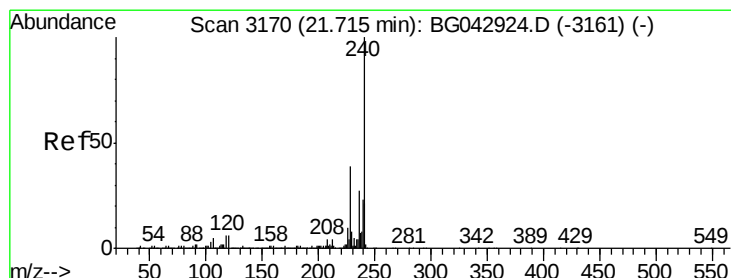
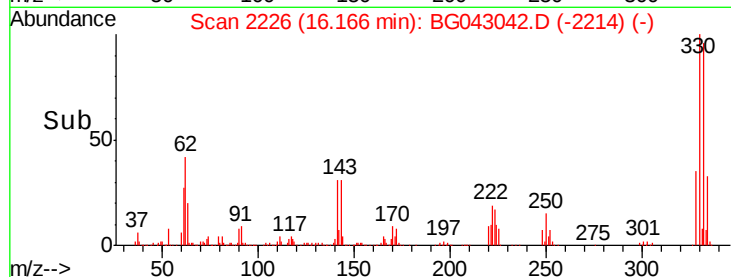
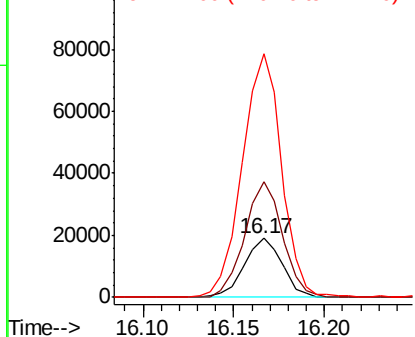
#67
4-Bromophenyl-phenylether
Concen: 4.752 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.46 min
Lab File: BG043042.D
Acq: 5 Oct 2019 00:01

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 27577
Ion Ratio Lower Upper
248 100
250 196.1 75.8 113.8#
141 414.4 51.1 76.7#

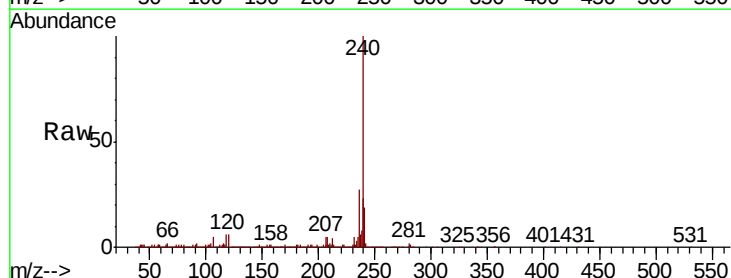


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

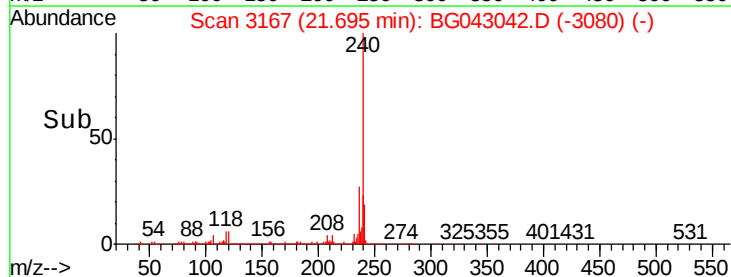
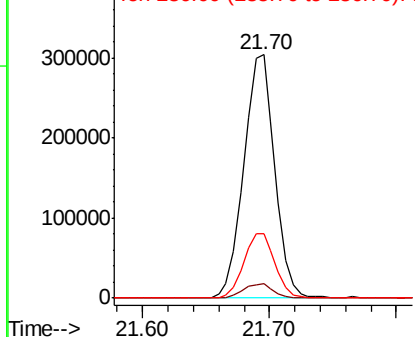


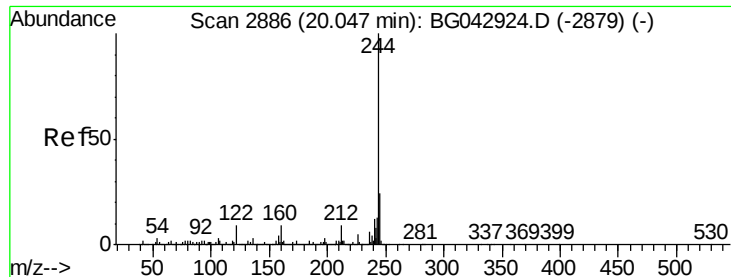
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG043042.D
Acq: 5 Oct 2019 00:01

Tgt Ion:240 Resp: 515272
Ion Ratio Lower Upper
240 100
120 6.0 4.8 7.2
236 26.6 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





#79

Terphenyl-d14

Concen: 76.635 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG043042.D

Acq: 5 Oct 2019 00:01

Instrument :

BNA_G

ClientSampleId :

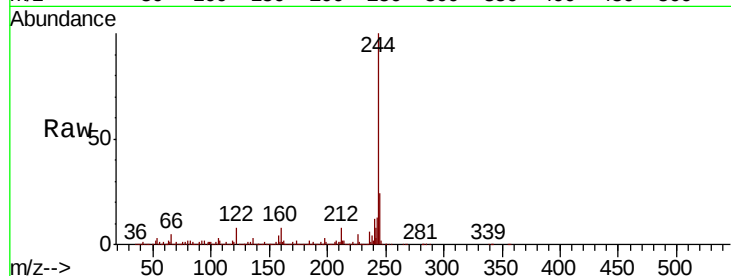
Tot Ion:244 Resp: 1853131

Ion Ratio Lower Upper

244 100

212 8.1 7.4 11.0

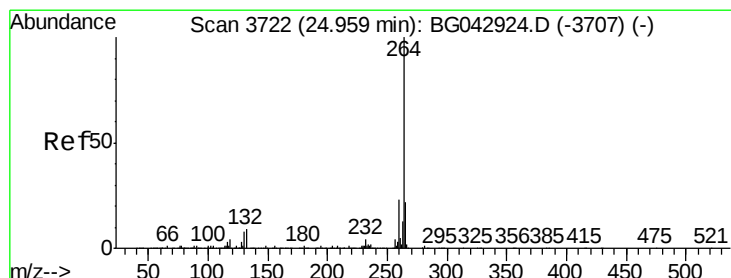
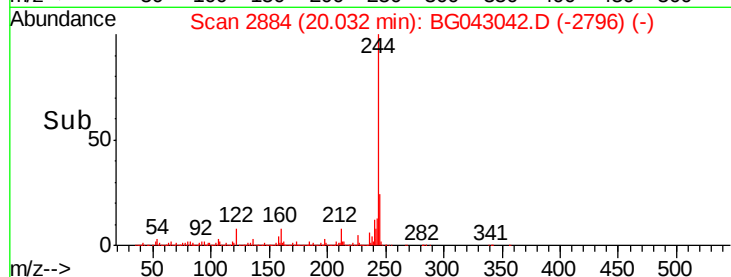
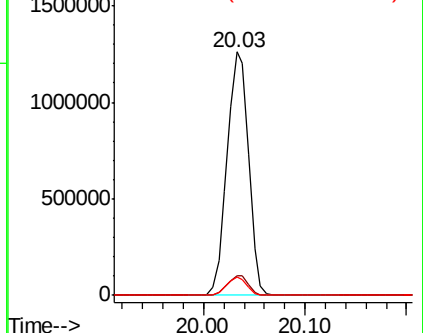
122 7.6 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3714

Delta R.T. -0.05 min

Lab File: BG043042.D

Acq: 5 Oct 2019 00:01

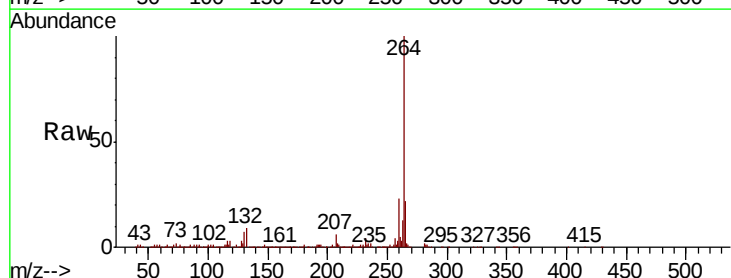
Tgt Ion:264 Resp: 609860

Ion Ratio Lower Upper

264 100

260 22.8 18.7 28.1

265 22.2 17.7 26.5



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

