

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101619\
 Data File : BG043261.D
 Acq On : 17 Oct 2019 1:23
 Operator : JU
 Sample : K5352-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-20A-D

Quant Time: Oct 17 03:15:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

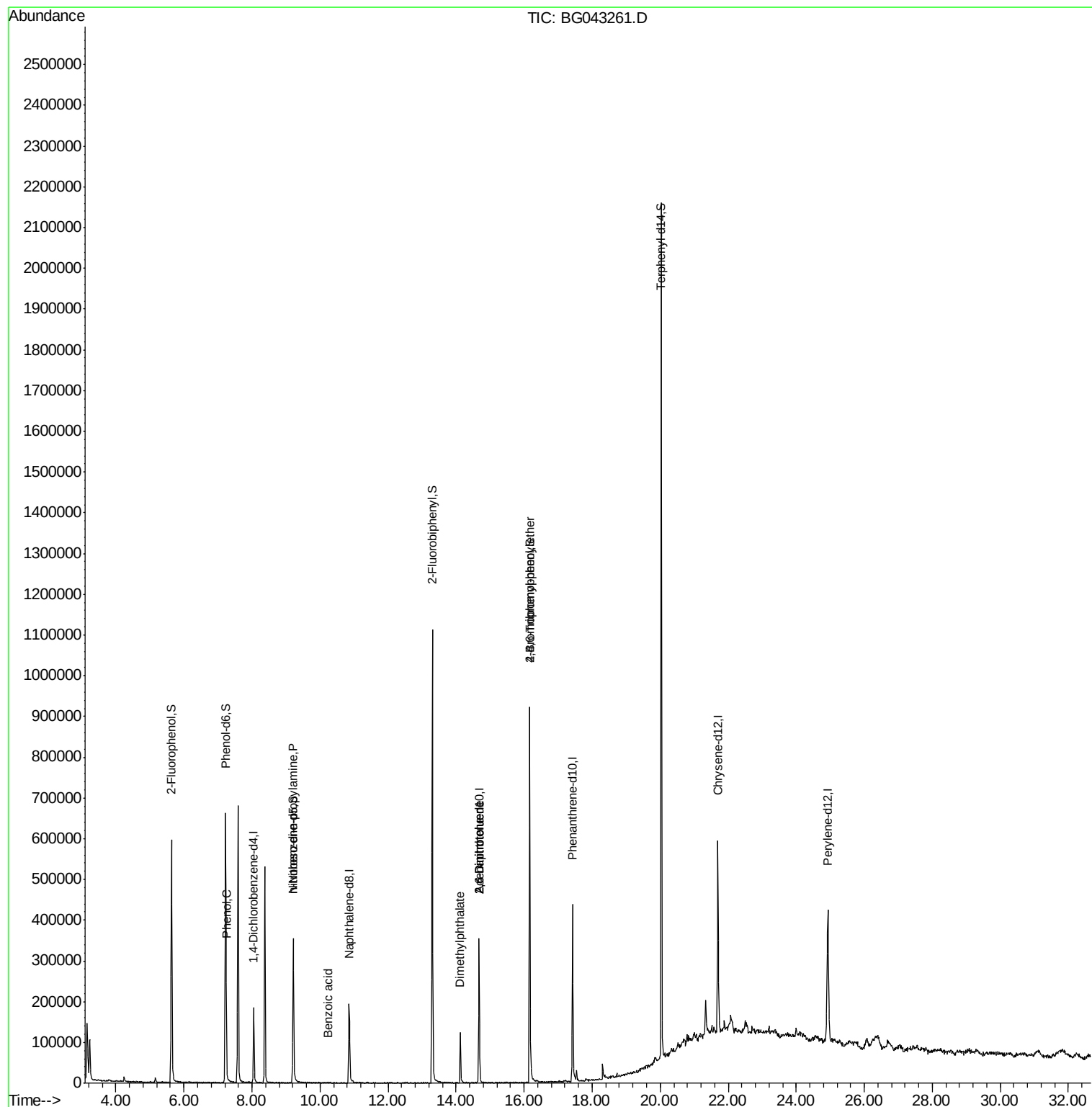
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54295	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	195646	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	141564	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	313686	20.00	ng	0.00
76) Chrysene-d12	21.70	240	327696	20.00	ng	0.00
87) Perylene-d12	24.93	264	385096	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	283975	93.34	ng	0.00
7) Phenol-d6	7.22	99	408205	93.17	ng	0.00
23) Nitrobenzene-d5	9.21	82	250654	62.27	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	235045	96.56	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	656703	67.25	ng	0.00
79) Terphenyl-d14	20.03	244	1088268	70.77	ng	0.00
Target Compounds						
10) Phenol	7.25	94	8261	2.055	ng	# 63
19) n-Nitroso-di-n-propylamine	9.21	70	34294	11.921	ng	# 74
32) Benzoic acid	10.24	122	62	2.833	ng	# 1
50) Dimethylphthalate	14.12	163	95871	9.039	ng	97
51) 2,6-Dinitrotoluene	14.68	165	18013	7.975	ng	# 20
57) 2,4-Dinitrotoluene	14.68	165	18013	5.446	ng	# 24
67) 4-Bromophenyl-phenylether	16.17	248	14042	3.567	ng	# 1

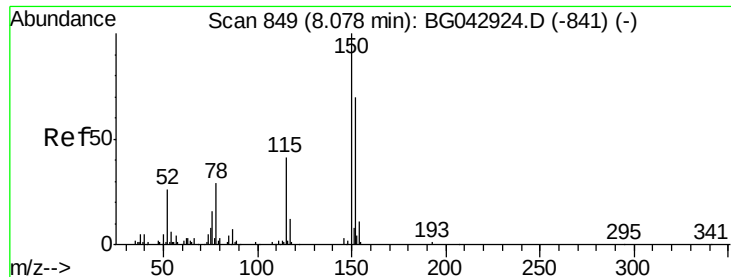
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG043261.D

Acq: 17 Oct 2019 1:23

Instrument :

BNA_G

ClientSampleId :

TP-20A-D

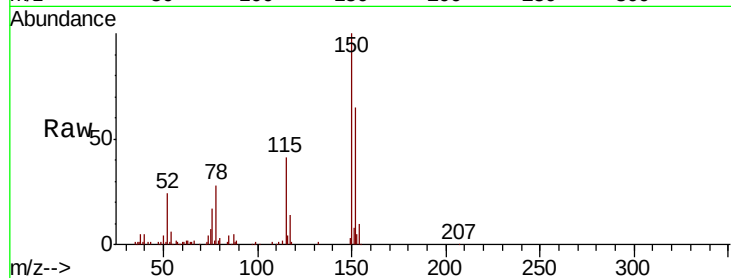
Tot Ion:152 Resp: 54295

Ion Ratio Lower Upper

152 100

150 152.8 115.0 172.4

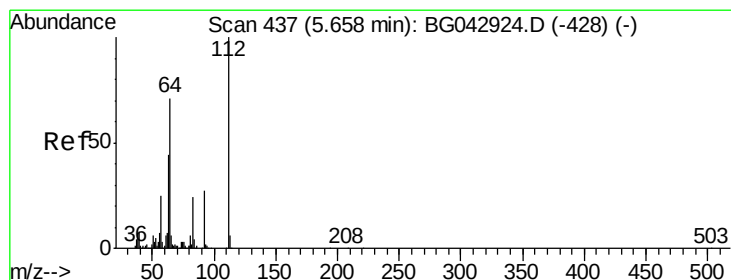
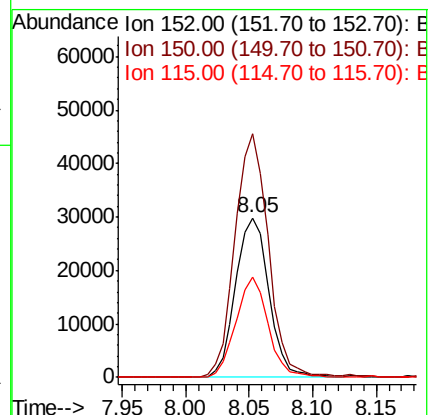
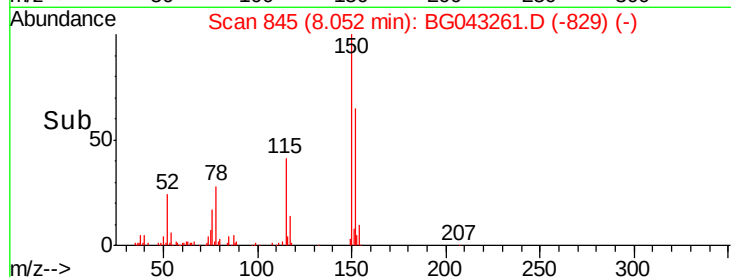
115 62.8 47.0 70.6



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: 93.340 ng

RT: 5.63 min Scan# 433

Delta R.T. -0.01 min

Lab File: BG043261.D

Acq: 17 Oct 2019 1:23

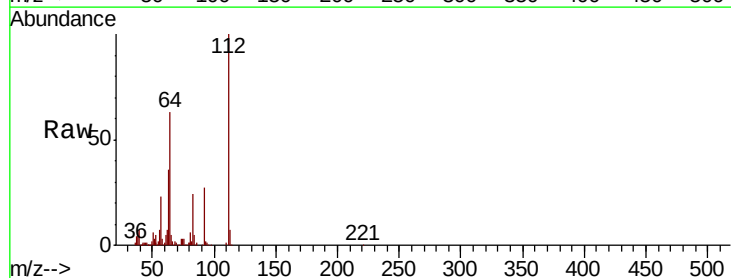
Tgt Ion:112 Resp: 283975

Ion Ratio Lower Upper

112 100

64 63.4 56.6 84.8

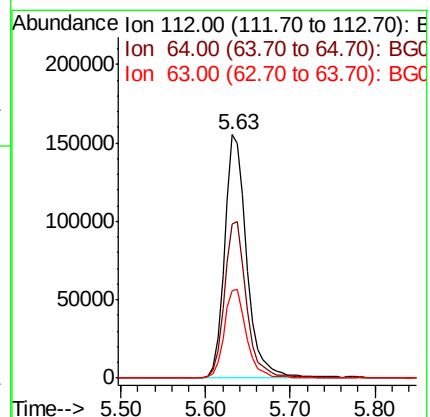
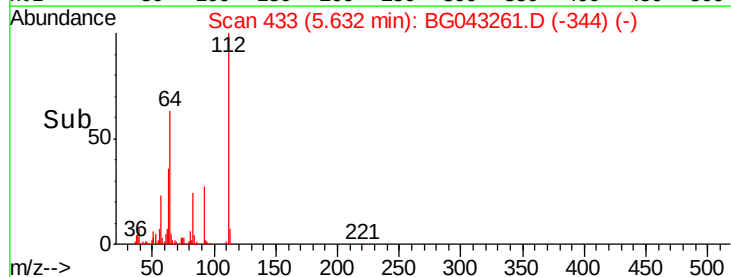
63 36.1 35.1 52.7

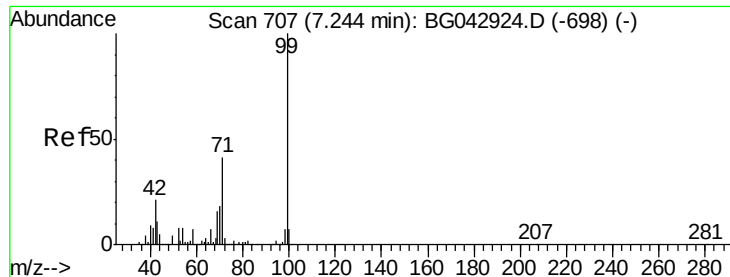


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 93.172 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043261.D

Acq: 17 Oct 2019 1:23

Instrument :

BNA_G

ClientSampleId :

TP-20A-D

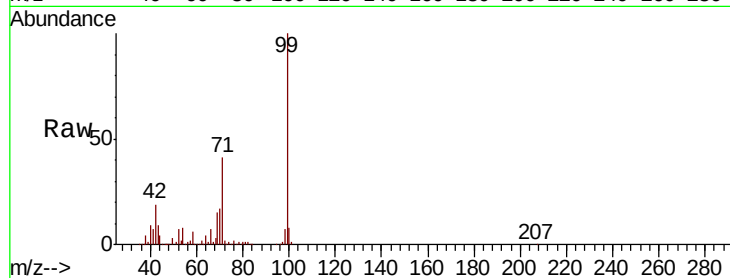
Tot Ion: 99 Resp: 408205

Ion Ratio Lower Upper

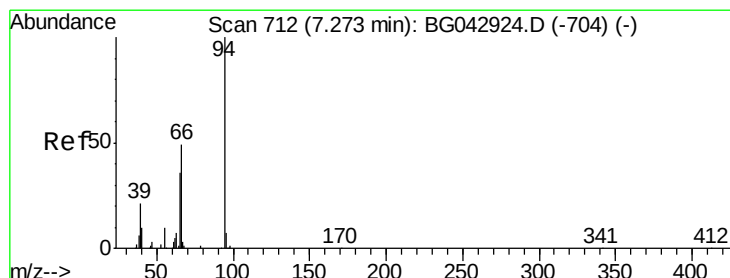
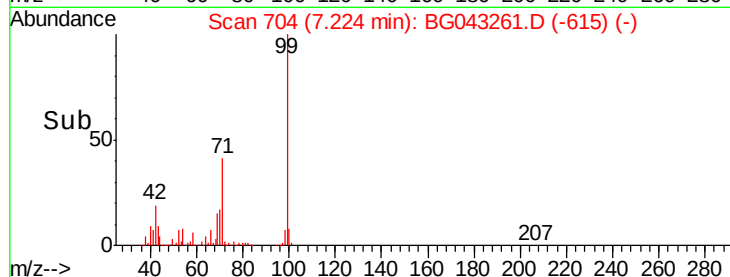
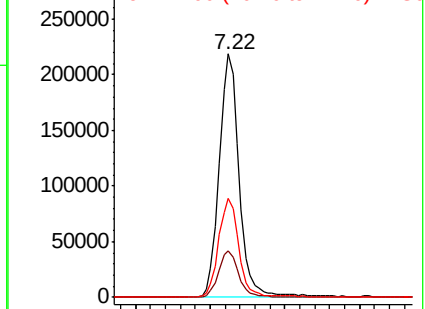
99 100

42 19.0 17.2 25.8

71 40.8 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



#10

Phenol

Concen: 2.055 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG043261.D

Acq: 17 Oct 2019 1:23

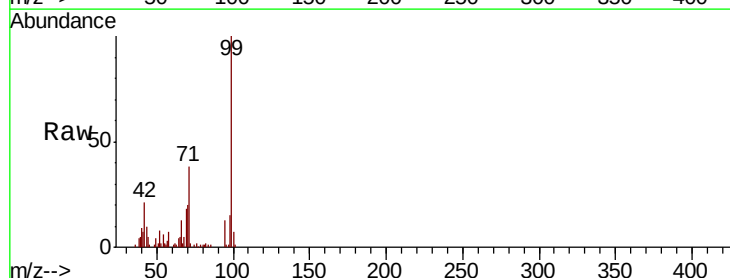
Tgt Ion: 94 Resp: 8261

Ion Ratio Lower Upper

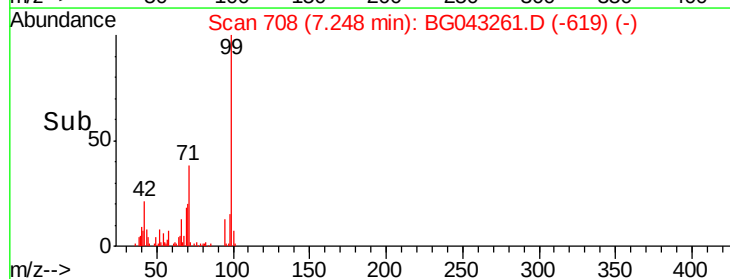
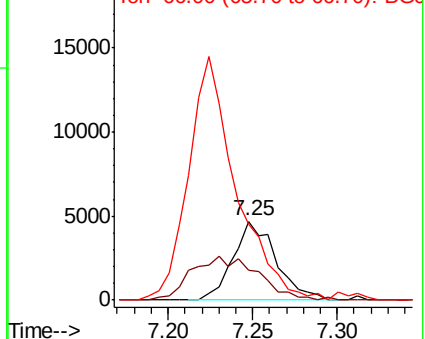
94 100

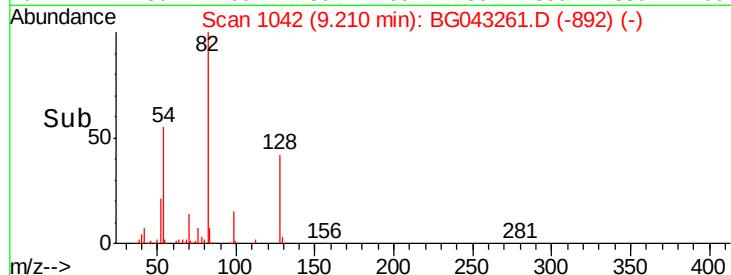
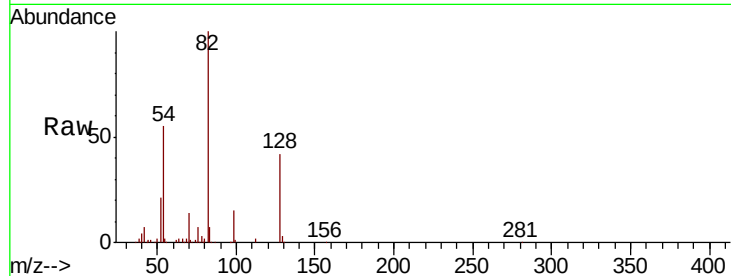
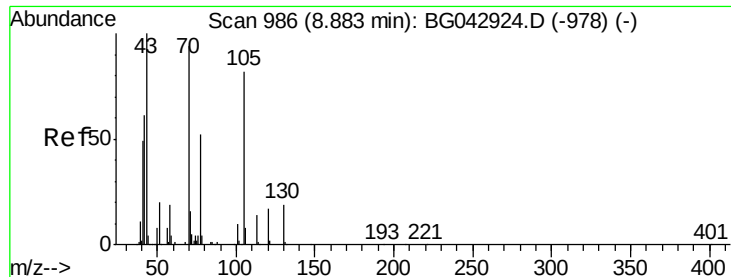
65 37.6 16.6 56.6

66 95.9 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

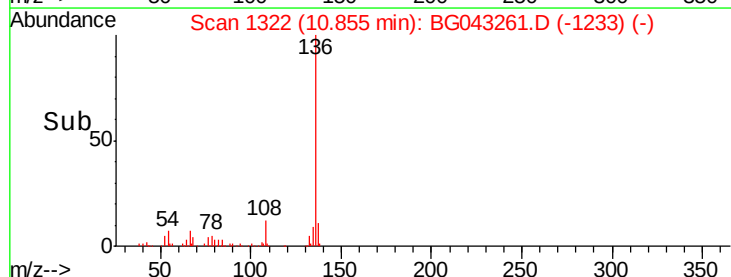
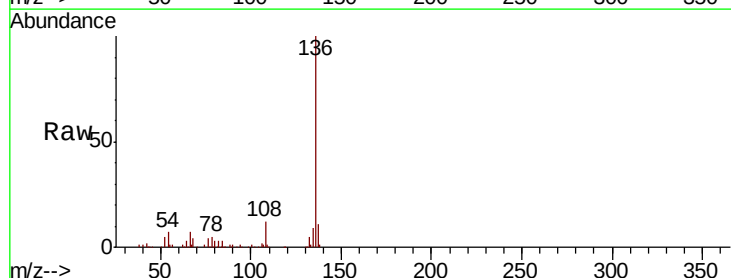
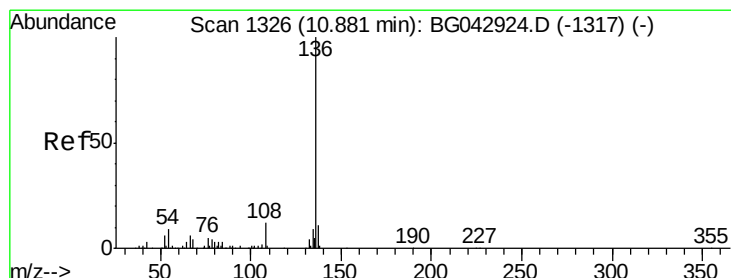
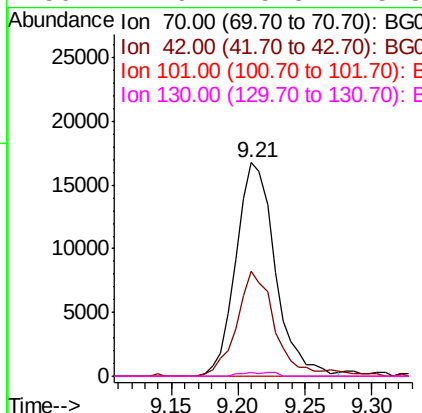




#19
n-Nitroso-di-n-propylamine
Concen: 11.921 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.35 min
Lab File: BG043261.D
Acq: 17 Oct 2019 1:23

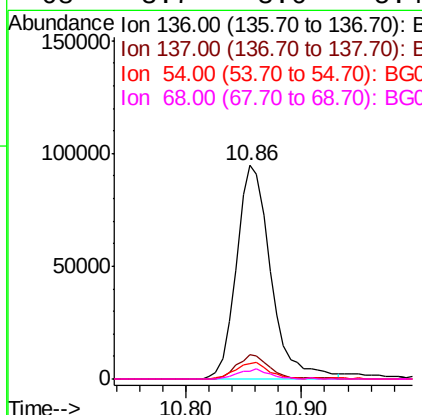
Instrument :
BNA_G
ClientSampled :
TP-20A-D

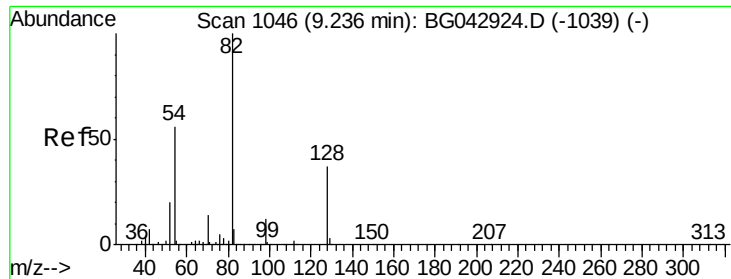
Tot Ion: 70 Resp: 34294
Ion Ratio Lower Upper
70 100
42 48.9 52.6 79.0#
101 0.0 8.7 13.1#
130 1.9 15.8 23.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043261.D
Acq: 17 Oct 2019 1:23

Tgt Ion: 136 Resp: 195646
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 7.1 7.4 11.2#
68 3.7 3.6 5.4

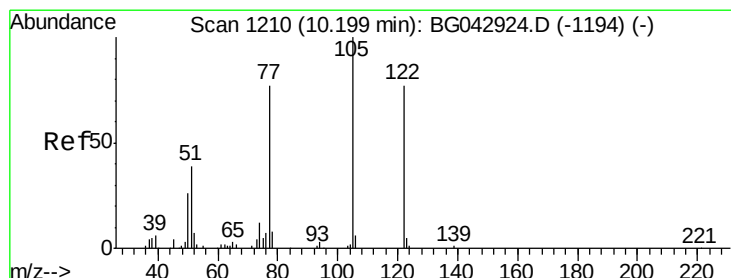
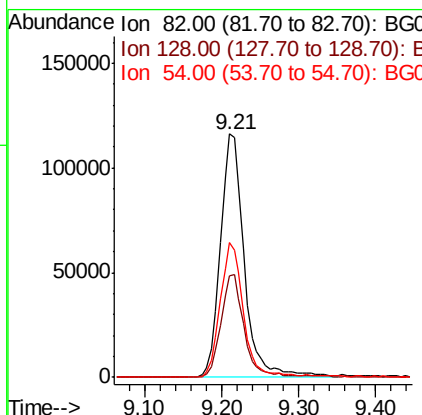
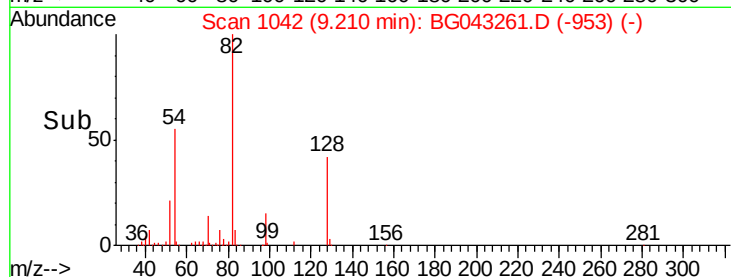
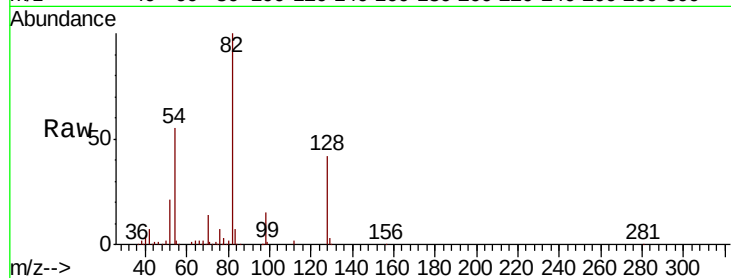




#23
 Nitrobenzene-d5
 Concen: 62.271 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG043261.D
 Acq: 17 Oct 2019 1:23

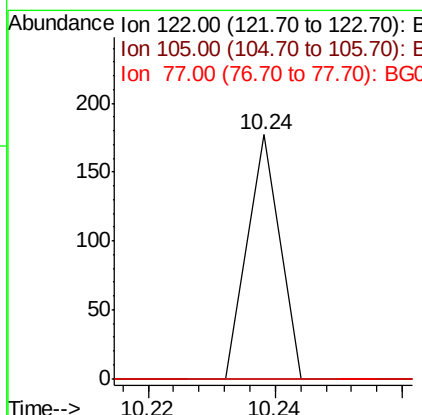
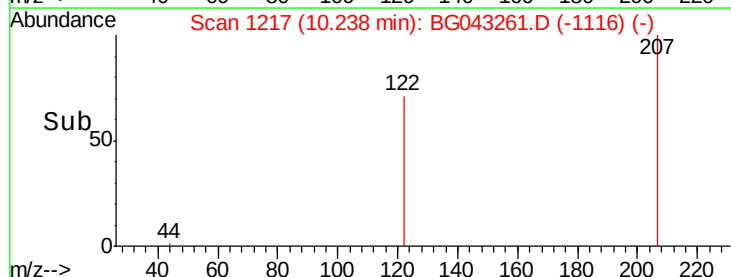
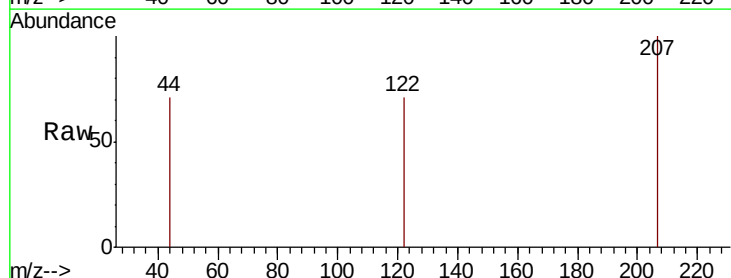
Instrument :
 BNA_G
 ClientSampled :
 TP-20A-D

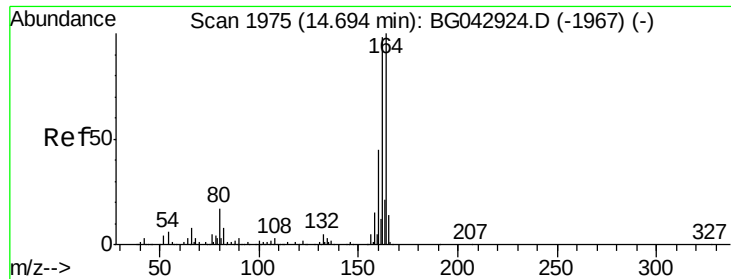
Tot Ion	82	Resp	250654
Ion Ratio	Lower	Upper	
82	100		
128	41.6	29.5	44.3
54	55.4	44.6	67.0



#32
 Benzoic acid
 Concen: 2.833 ng
 RT: 10.24 min Scan# 1217
 Delta R.T. 0.06 min
 Lab File: BG043261.D
 Acq: 17 Oct 2019 1:23

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. -0.00 min

Lab File: BG043261.D

Acq: 17 Oct 2019 1:23

Instrument :

BNA_G

ClientSampleId :

TP-20A-D

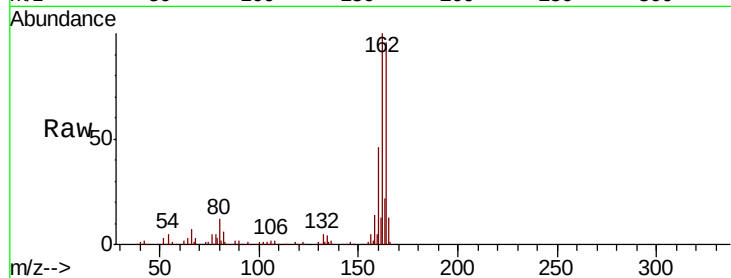
Tot Ion:164 Resp: 141564

Ion Ratio Lower Upper

164 100

162 104.3 78.5 117.7

160 48.1 35.9 53.9

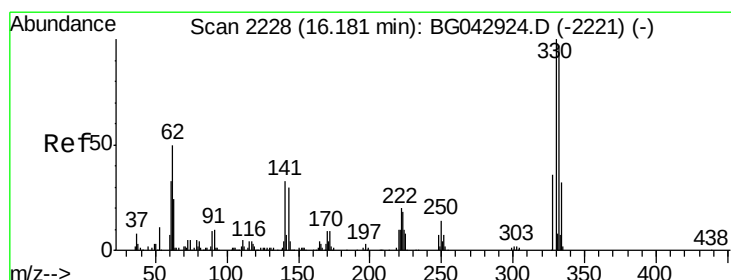
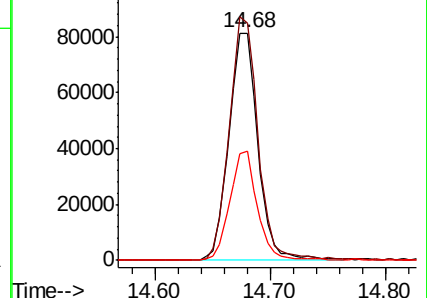
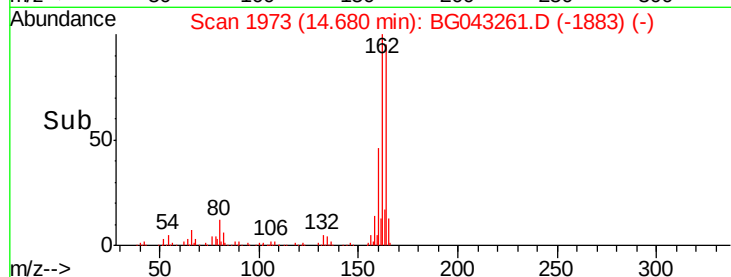


Abundance

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: 96.556 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG043261.D

Acq: 17 Oct 2019 1:23

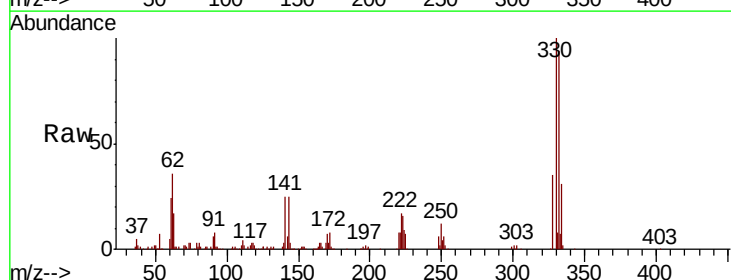
Tgt Ion:330 Resp: 235045

Ion Ratio Lower Upper

330 100

332 95.2 78.2 117.2

141 27.1 26.0 39.0

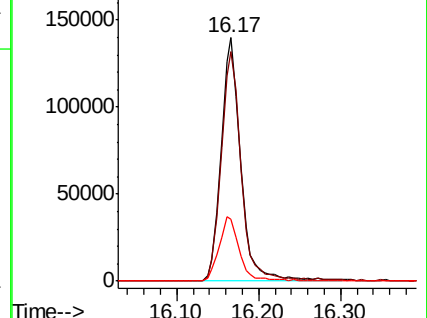
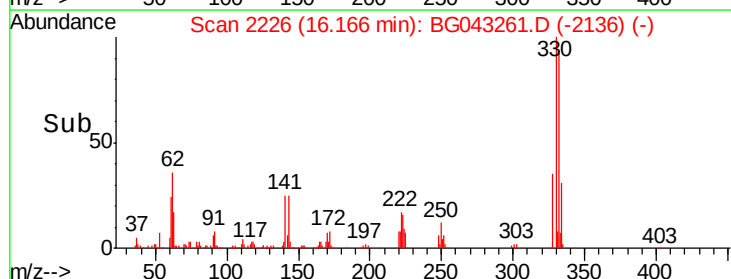


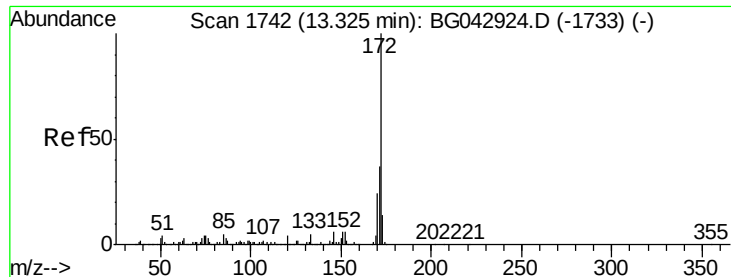
Abundance

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

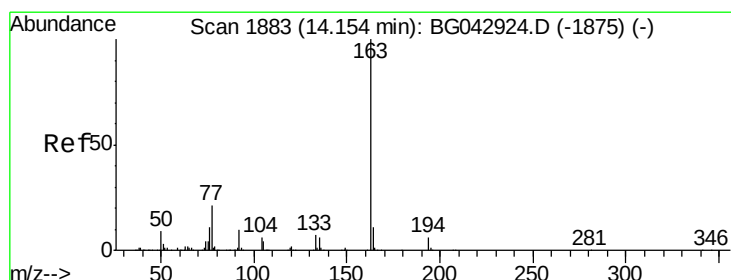
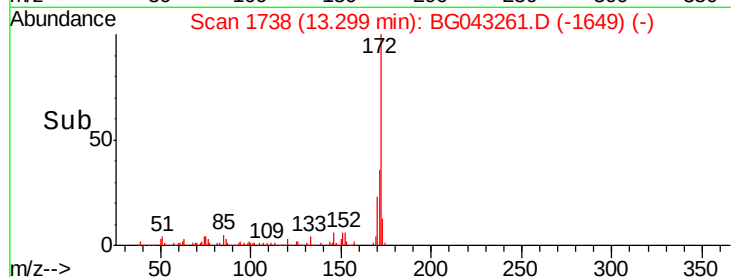
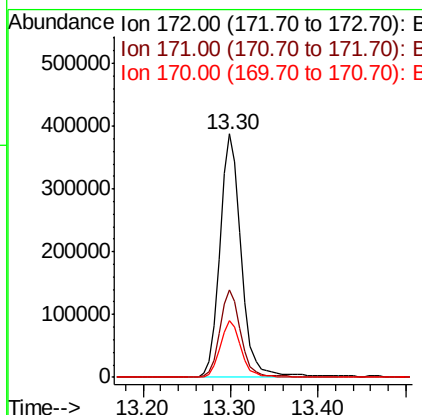
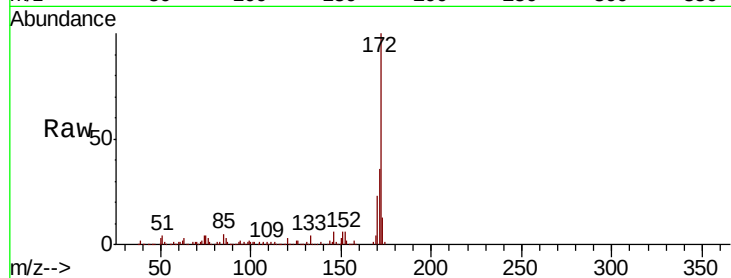




#45
2-Fluorobiphenyl
Concen: 67.250 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG043261.D
Acq: 17 Oct 2019 1:23

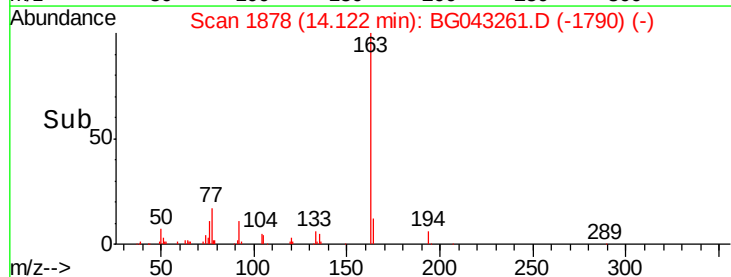
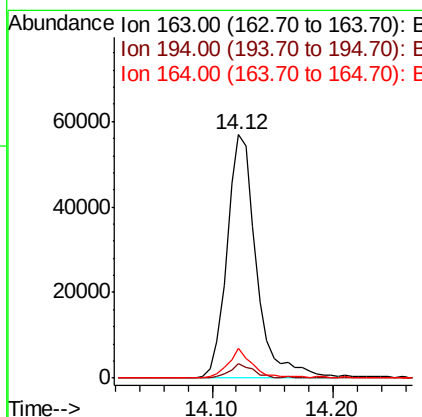
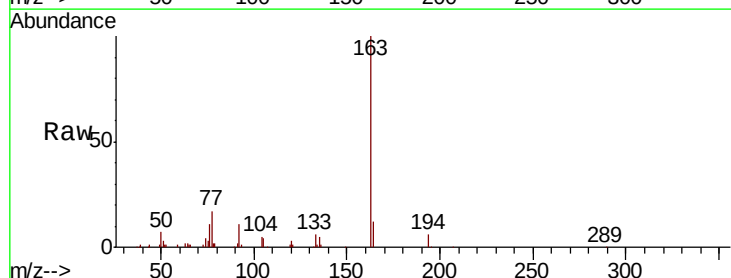
Instrument :
BNA_G
ClientSampleId :
TP-20A-D

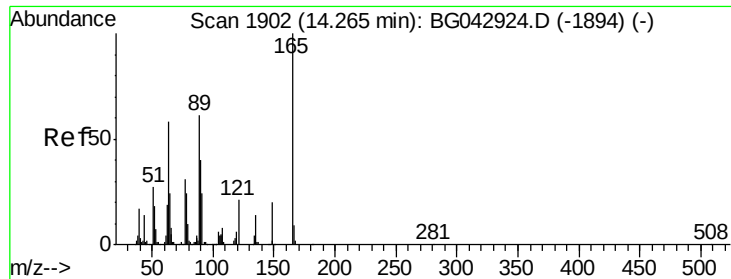
Tot Ion:172 Resp: 656703
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.2 19.6 29.4



#50
Dimethylphthalate
Concen: 9.039 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG043261.D
Acq: 17 Oct 2019 1:23

Tgt Ion:163 Resp: 95871
Ion Ratio Lower Upper
163 100
194 5.7 4.4 6.6
164 12.1 8.6 12.8

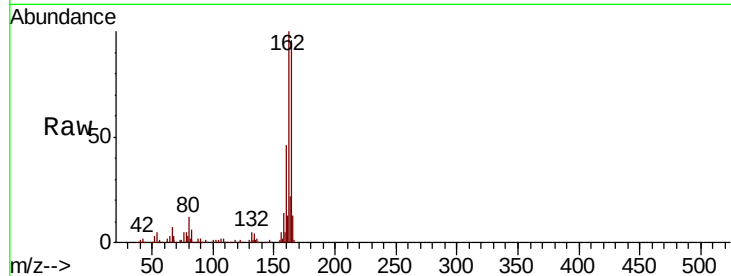




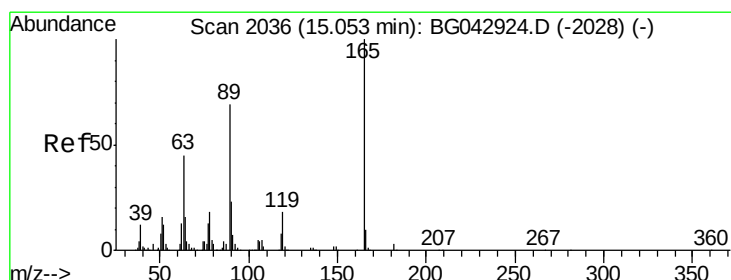
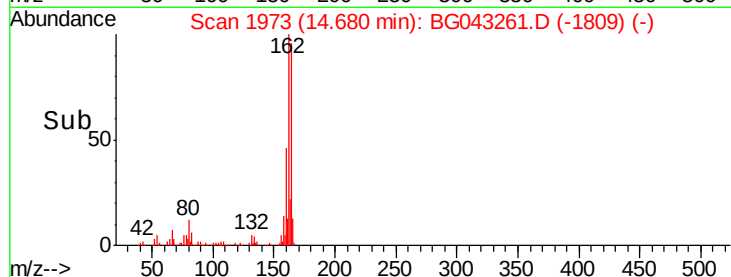
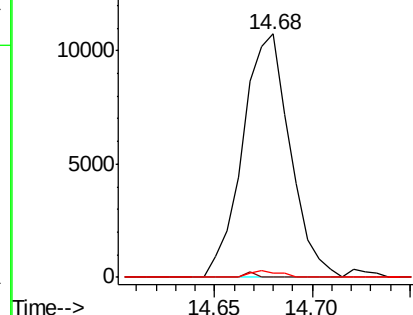
#51
 2,6-Dinitrotoluene
 Concen: 7.975 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. 0.43 min
 Lab File: BG043261.D
 Acq: 17 Oct 2019 1:23

Instrument :
 BNA_G
 ClientSampleId :
 TP-20A-D

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.3	75.5#
89	1.6	48.9	73.3#

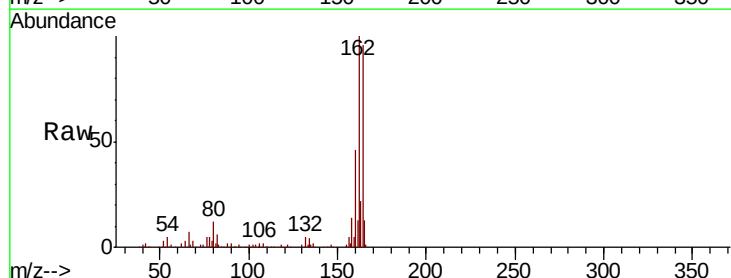


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

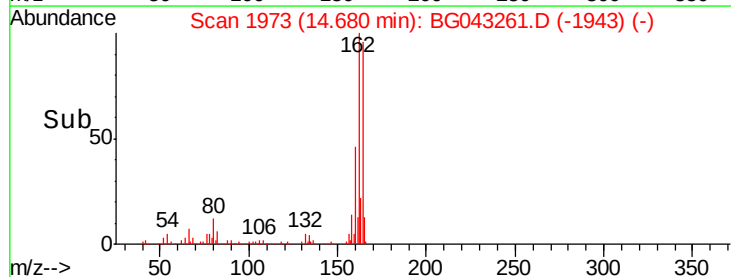
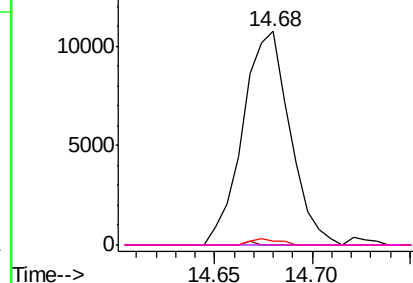


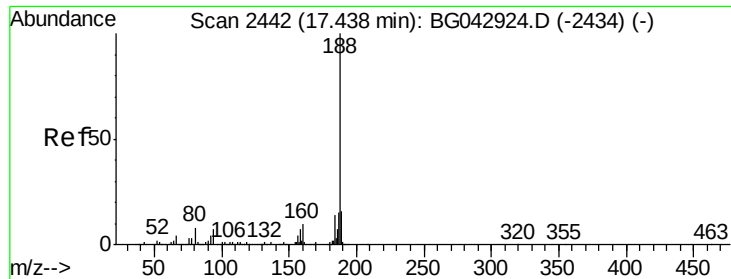
#57
 2,4-Dinitrotoluene
 Concen: 5.446 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.35 min
 Lab File: BG043261.D
 Acq: 17 Oct 2019 1:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.5	54.7#
89	1.6	55.5	83.3#
182	0.0	2.4	3.6#



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: 17.42 min Scan# 2440

Delta R.T. 0.01 min

Lab File: BG043261.D

Acq: 17 Oct 2019 1:23

Instrument :

BNA_G

ClientSampleId :

TP-20A-D

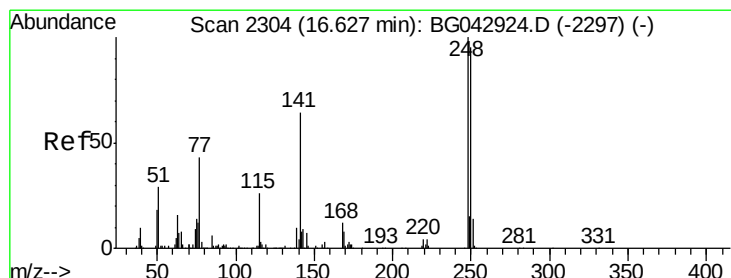
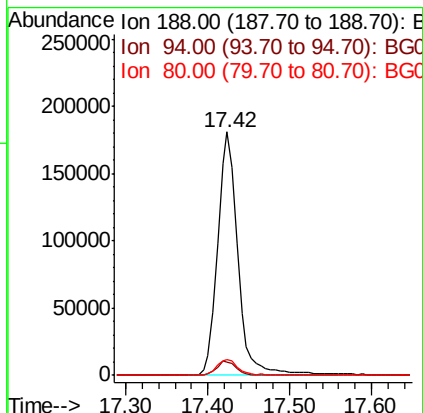
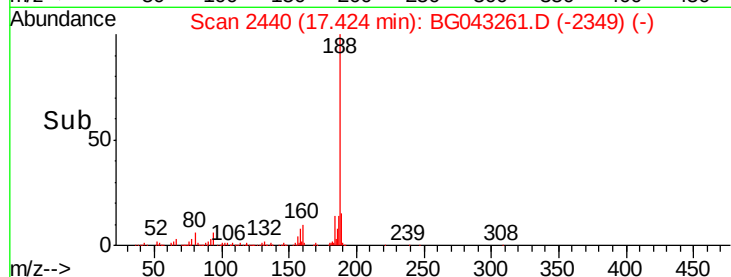
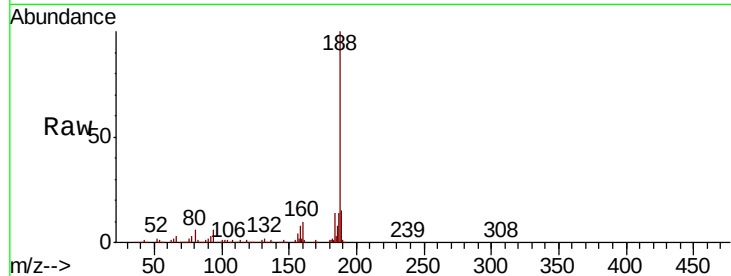
Tot Ion:188 Resp: 313686

Ion Ratio Lower Upper

188 100

94 5.6 5.7 8.5#

80 6.3 6.5 9.7#



#67

4-Bromophenyl-phenylether

Concen: 3.567 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.44 min

Lab File: BG043261.D

Acq: 17 Oct 2019 1:23

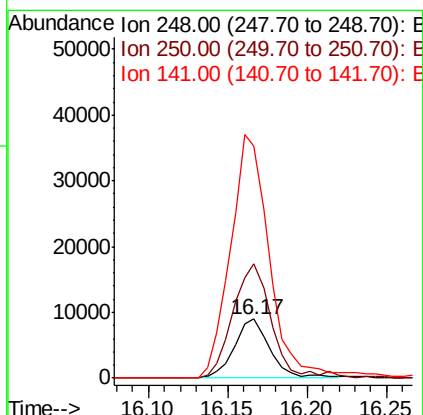
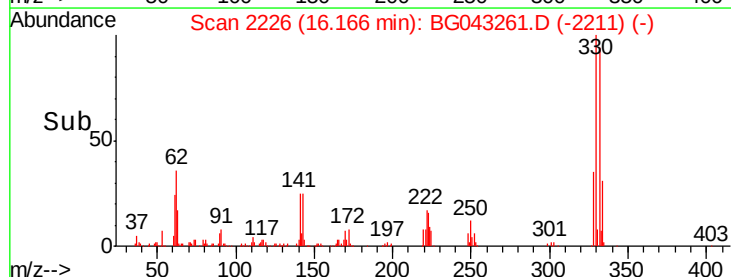
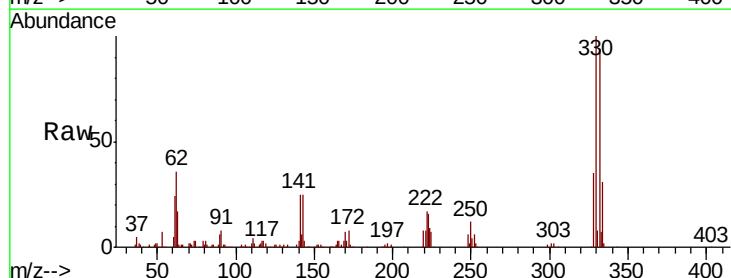
Tgt Ion:248 Resp: 14042

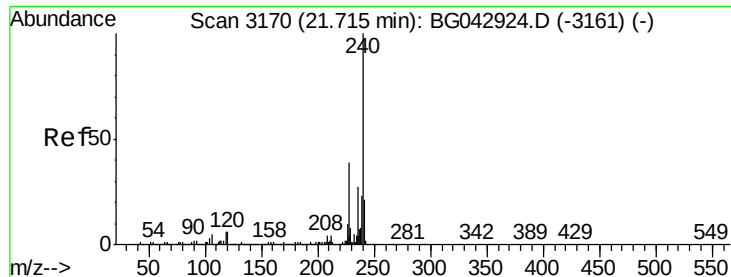
Ion Ratio Lower Upper

248 100

250 194.3 75.8 113.8#

141 391.9 51.1 76.7#

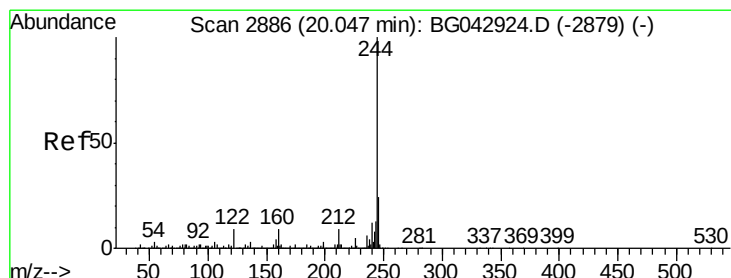
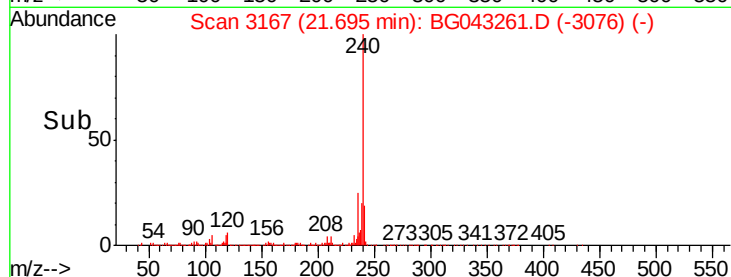
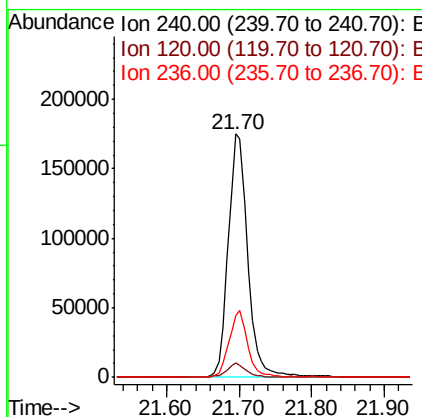
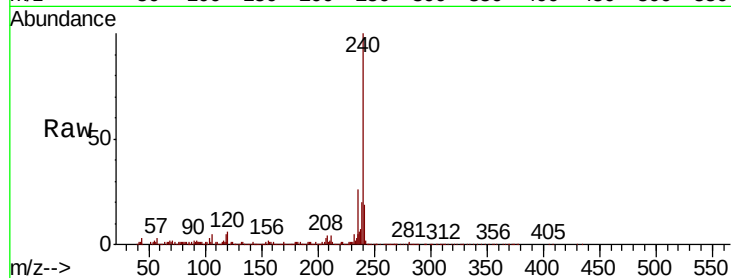




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. 0.01 min
 Lab File: BG043261.D
 Acq: 17 Oct 2019 1:23

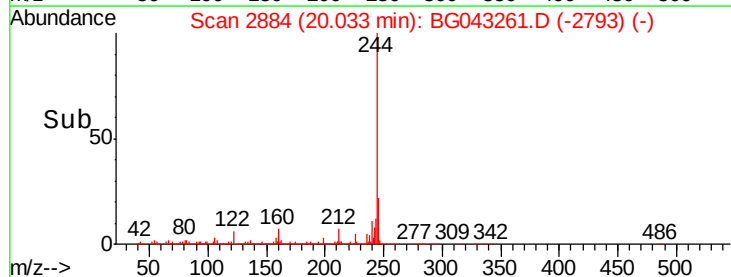
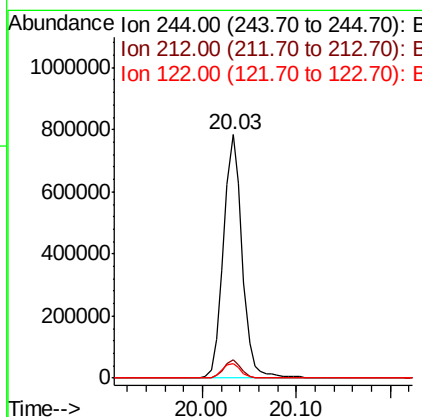
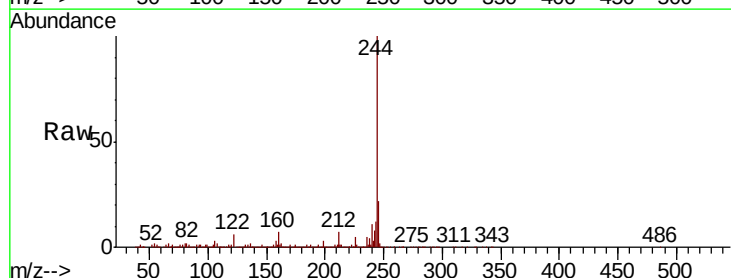
Instrument :
 BNA_G
 ClientSampleId :
 TP-20A-D

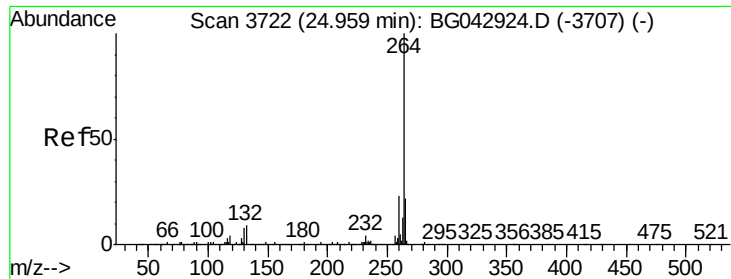
Tot Ion:240 Resp: 327696
 Ion Ratio Lower Upper
 240 100
 120 6.2 4.8 7.2
 236 25.6 21.4 32.0



#79
 Terphenyl-d14
 Concen: 70.766 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. 0.01 min
 Lab File: BG043261.D
 Acq: 17 Oct 2019 1:23

Tgt Ion:244 Resp: 1088268
 Ion Ratio Lower Upper
 244 100
 212 7.3 7.4 11.0#
 122 6.2 7.0 10.4#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3717
 Delta R.T. 0.02 min
 Lab File: BG043261.D
 Acq: 17 Oct 2019 1:23

Instrument :
 BNA_G
 ClientSampleId :
 TP-20A-D

Tot Ion:	264	Resp:	385096
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.3	17.7	26.5

