

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
 Data File : BG043000.D
 Acq On : 3 Oct 2019 1:30
 Operator : JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Oct 03 04:29:35 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	0.00	152	0	0.00	ng	-8.08
21) Naphthalene-d8	10.61	136	54	20.00	ng	-0.27
39) Acenaphthene-d10	14.04	164	61	20.00	ng	-0.66
64) Phenanthrene-d10	16.68	188	55	20.00	ng	-0.76
76) Chrysene-d12	20.89	240	2747	20.00	ng	-0.83
87) Perylene-d12	24.03	264	158	20.00	ng	-0.93

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	75	0.00	ng	-0.16
7) Phenol-d6	7.06	99	91	0.00	ng	-0.19
23) Nitrobenzene-d5	8.72	82	59	53.11	ng	-0.51
42) 2,4,6-Tribromophenol	15.27	330	64	61.01	ng	-0.91
45) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
79) Terphenyl-d14	19.22	244	532	4.13	ng	-0.83

Target Compounds

						Qvalue
22) Acetophenone	8.94	105	57	40.950	ng	# 47
24) Nitrobenzene	9.08	77	60	56.619	ng	# 43
27) 2,4-Dimethylphenol	9.47	122	55	79.389	ng	# 1
28) bis(2-Chloroethoxy)methane	10.33	93	82	74.060	ng	# 50
29) 2,4-Dichlorophenol	9.89	162	84	97.490	ng	# 25
30) 1,2,4-Trichlorobenzene	10.92	180	61	54.822	ng	# 11
31) Naphthalene	10.74	128	68	25.581	ng	# 68
32) Benzoic acid	9.47	122	55	88.165	ng	# 1
33) 4-Chloroaniline	10.44	127	78	67.622	ng	# 43
34) Hexachlorobutadiene	11.00	225	66	79.220	ng	# 18
36) 4-Chloro-3-methylphenol	12.22	107	75	80.057	ng	# 22
40) 1,2,4,5-Tetrachlorobenzene	12.62	216	57	24.852	ng	# 26
48) 2-Nitroaniline	13.45	65	65	56.357	ng	# 11
50) Dimethylphthalate	13.71	163	55	12.034	ng	# 76
52) Acenaphthene	13.64	154	66	18.580	ng	# 4
54) 2,4-Dinitrophenol	13.76	184	74	122.314	ng	# 15
56) 4-Nitrophenol	14.27	139	62	80.896	ng	# 1
57) 2,4-Dinitrotoluene	14.50	165	53	37.184	ng	# 23
58) Fluorene	15.31	166	173	38.562	ng	# 10
59) 2,3,4,6-Tetrachlorophenol	14.60	232	64	43.465	ng	# 44
60) Diethylphthalate	14.74	149	82	17.629	ng	# 57
61) 4-Chlorophenyl-phenylether	14.63	204	54	20.070	ng	# 31
62) 4-Nitroaniline	14.93	138	58	52.870	ng	# 8
63) Azobenzene	15.31	77	57	13.460	ng	# 26
65) 4,6-Dinitro-2-methylphenol	14.78	198	59	189.573	ng	# 34
66) n-Nitrosodiphenylamine	15.21	169	60	41.324	ng	# 23
67) 4-Bromophenyl-phenylether	15.76	248	64	92.713	ng	# 9
69) Atrazine	16.17	200	55	89.958	ng	# 37
70) Pentachlorophenol	16.20	266	68	153.325	ng	# 18
71) Phenanthrene	17.06	178	78	29.049	ng	# 59
72) Anthracene	17.06	178	78	29.098	ng	# 59
73) Carbazole	17.08	167	48203	19391.515	ng	# 68
74) Di-n-butylphthalate	17.69	149	60	20.230	ng	# 77
75) Fluoranthene	18.50	202	67	18.865	ng	# 63

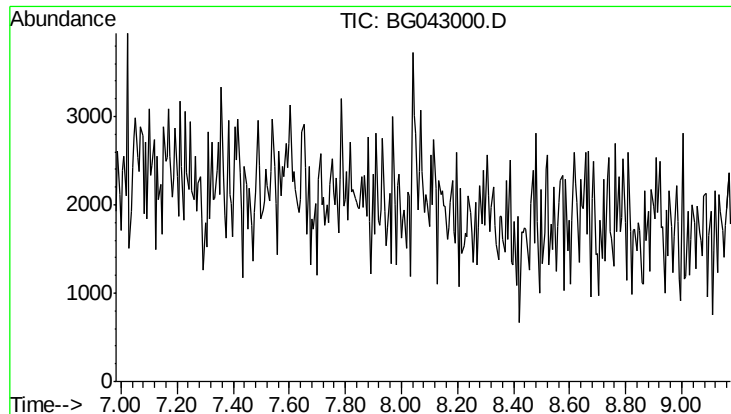
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Butylbenzylphthalate	19.94	149	524	8.420	nq	# 81
82) 3,3'-Dichlorobenzidine	20.80	252	328	4.886	nq	# 24
84) Bis(2-ethylhexyl)phthalate	20.78	149	925	10.445	nq	# 75
85) Di-n-octyl phthalate	21.95	149	466	3.218	nq	# 1
88) Benzo(b)fluoranthene	23.05	252	132	14.765	nq	# 33
89) Benzo(k)fluoranthene	23.11	252	154	17.413	nq	# 1
90) Benzo(a)pyrene	23.90	252	518	61.414	nq	# 1
91) Dibenzo(a,h)anthracene	27.72	278	115	13.296	nq	# 57
92) Benzo(g,h,i)perylene	28.73	276	85	10.143	nq	# 12

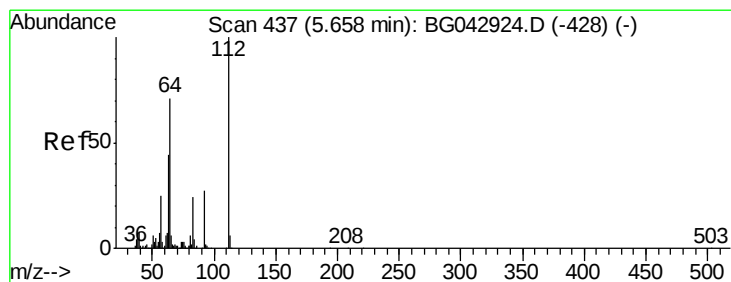
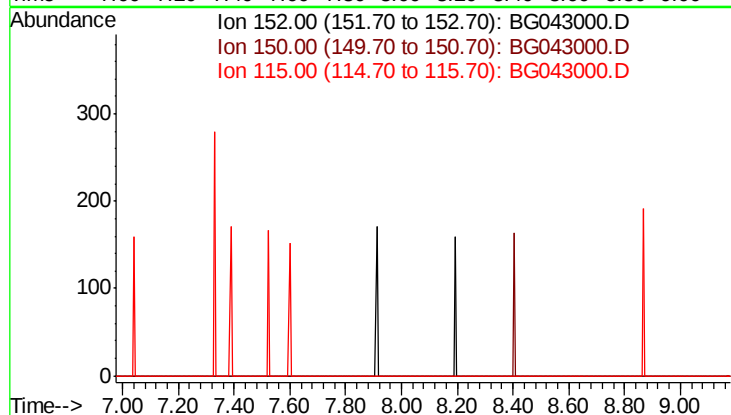
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 8.08 min
 Lab File: BG043000.D
 Acq: 3 Oct 2019 1:30

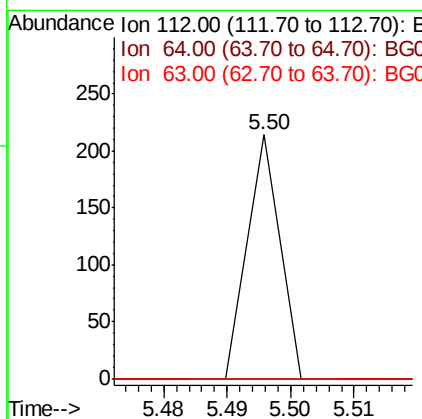
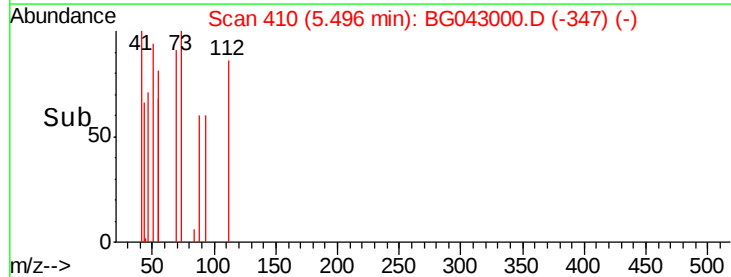
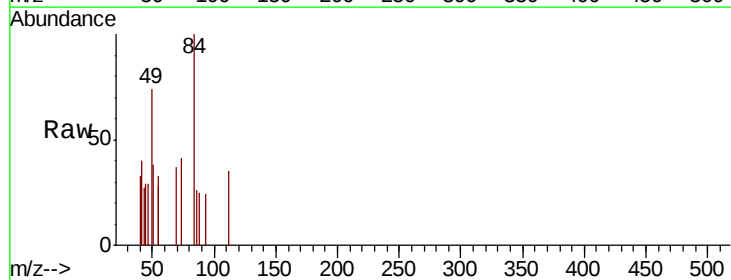
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

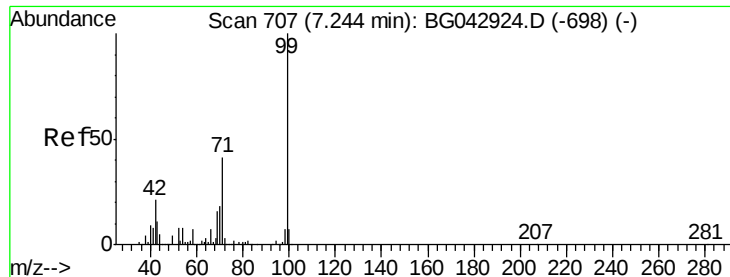
Tot Ion: 152
 Sig Exp Ratio
 152 100
 150 143.7
 115 58.8



#5
 2-Fluorophenol
 Concen: 0.000 ng
 RT: 5.50 min Scan# 410
 Delta R.T. -0.16 min
 Lab File: BG043000.D
 Acq: 3 Oct 2019 1:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	0.0	56.6	84.8#
63	0.0	35.1	52.7#





#7

Phenol-d6

Concen: 0.000 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.19 min

Lab File: BG043000.D

Acq: 3 Oct 2019 1:30

Instrument :

BNA_G

ClientSampleId :

DFTPP

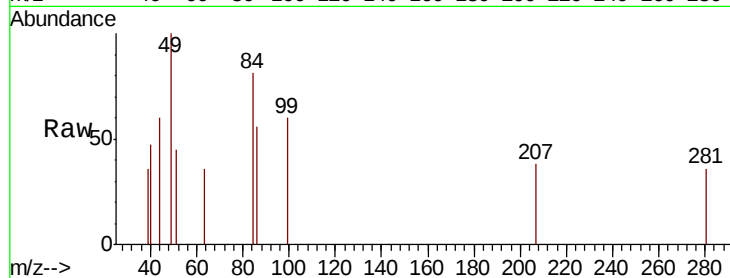
Tot Ion: 99 Resp: 91

Ion Ratio Lower Upper

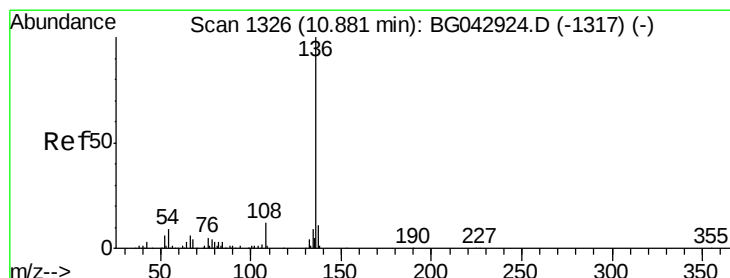
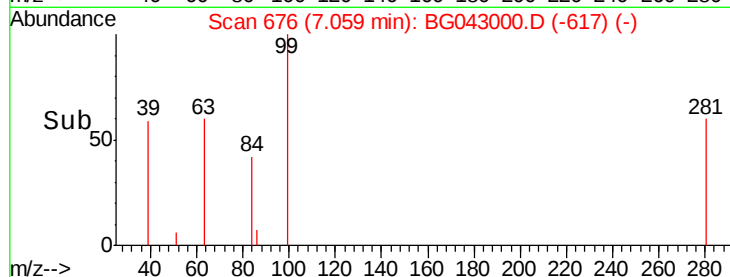
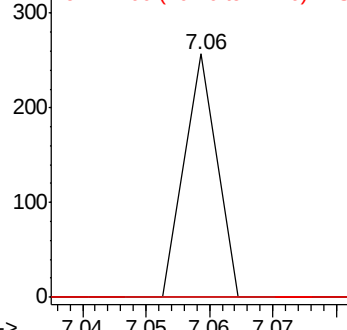
99 100

42 0.0 17.2 25.8#

71 0.0 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1281

Delta R.T. -0.27 min

Lab File: BG043000.D

Acq: 3 Oct 2019 1:30

Tgt Ion: 136 Resp: 54

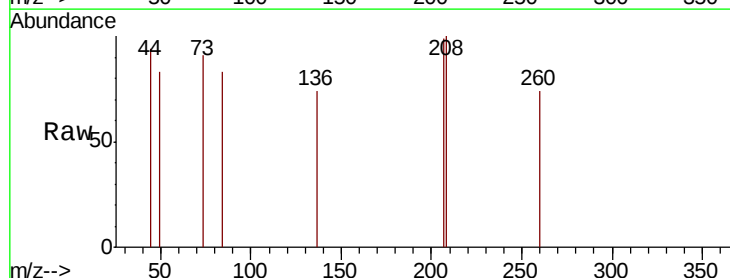
Ion Ratio Lower Upper

136 100

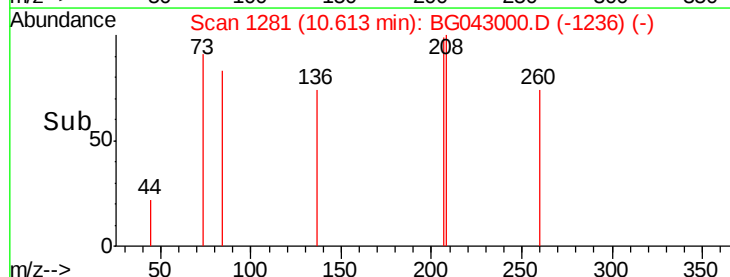
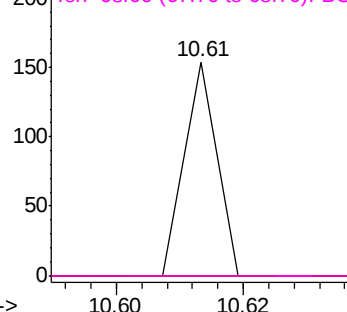
137 0.0 8.5 12.7#

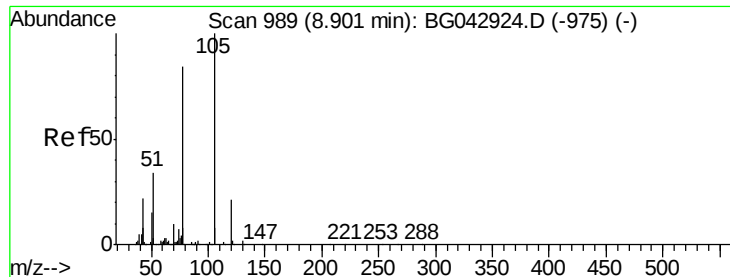
54 0.0 7.4 11.2#

68 0.0 3.6 5.4#



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

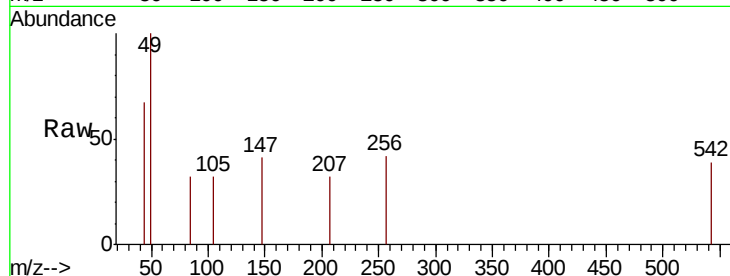




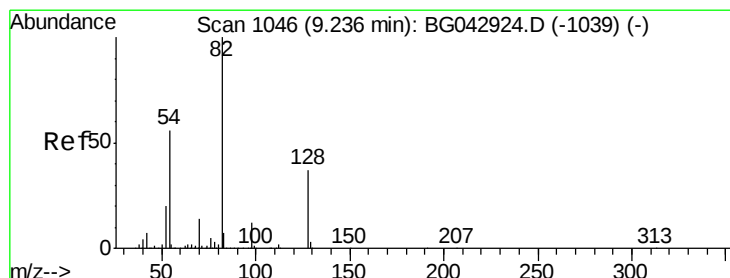
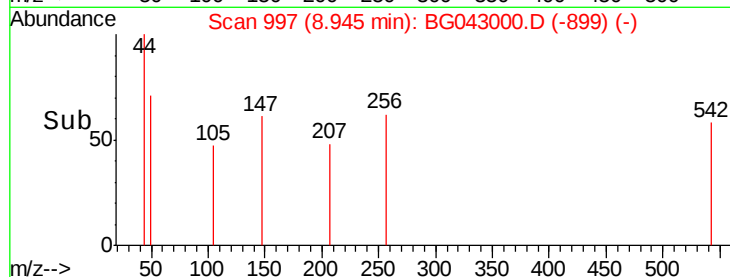
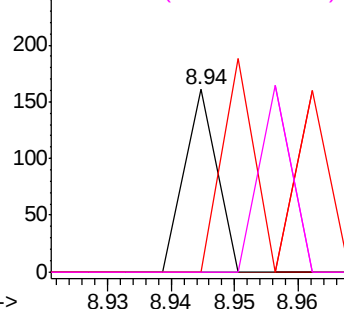
#22
Acetophenone
Concen: 40.950 ng
RT: 8.94 min Scan# 997
Delta R.T. 0.04 min
Lab File: BG043000.D
Acq: 3 Oct 2019 1:30

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tot Ion:105 Resp: 57
Ion Ratio Lower Upper
105 100
71 0.0 1.2 1.8#
51 0.0 27.2 40.8#
120 0.0 16.9 25.3#

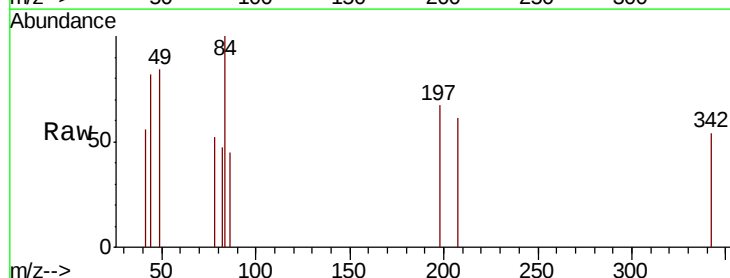


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

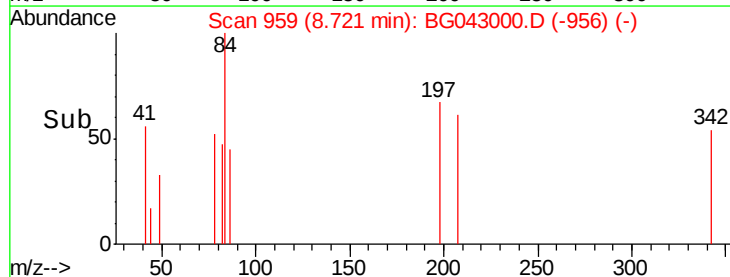
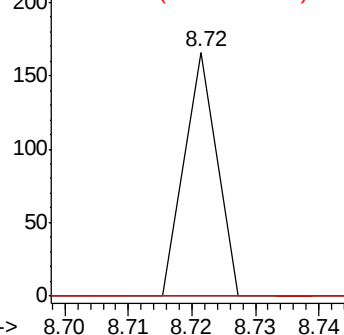


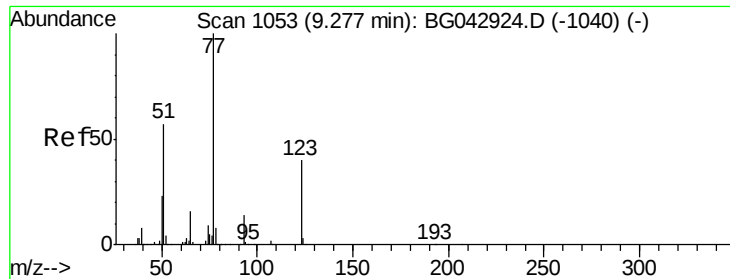
#23
Nitrobenzene-d5
Concen: 53.106 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.51 min
Lab File: BG043000.D
Acq: 3 Oct 2019 1:30

Tgt Ion: 82 Resp: 59
Ion Ratio Lower Upper
82 100
128 0.0 29.5 44.3#
54 0.0 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

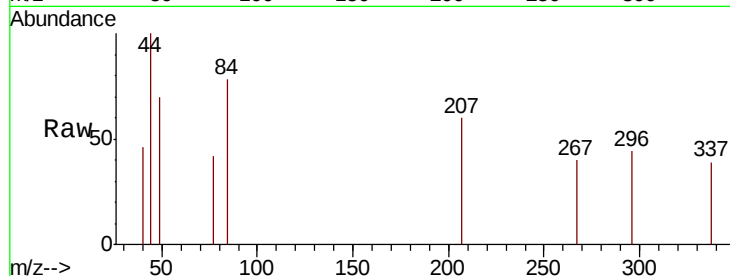




#24
 Nitrobenzene
 Concen: 56.619 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.20 min
 Lab File: BG043000.D
 Acq: 3 Oct 2019 1:30

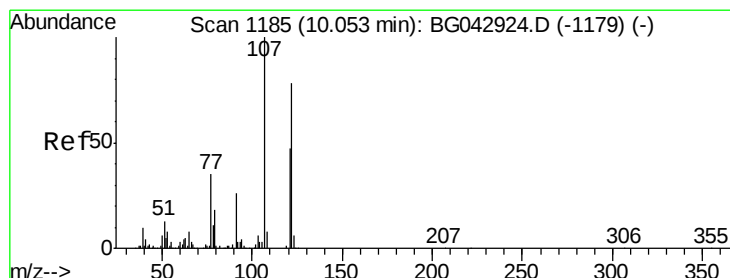
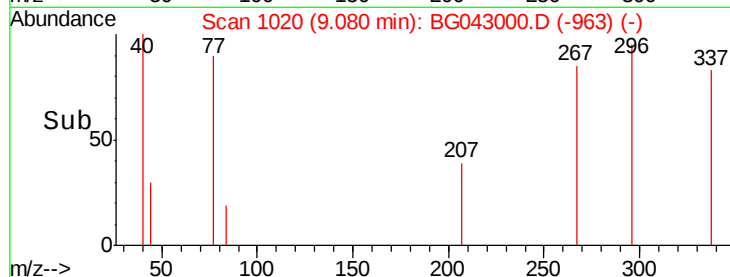
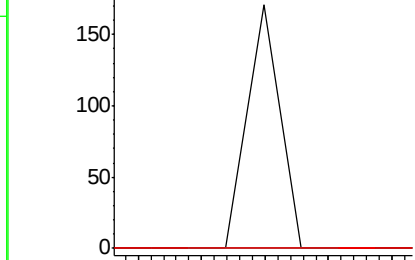
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 DFTPP

Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	31.9	47.9#
65	0.0	12.4	18.6#



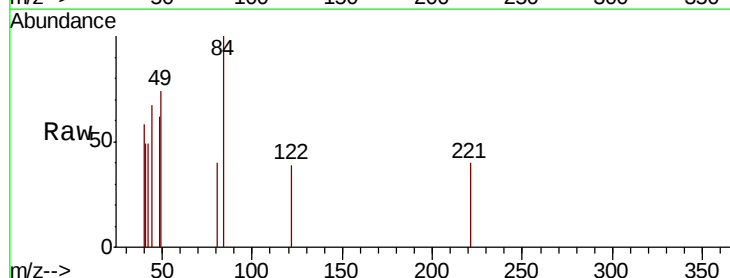
Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): E
 Ion 65.00 (64.70 to 65.70): BGC

9.08



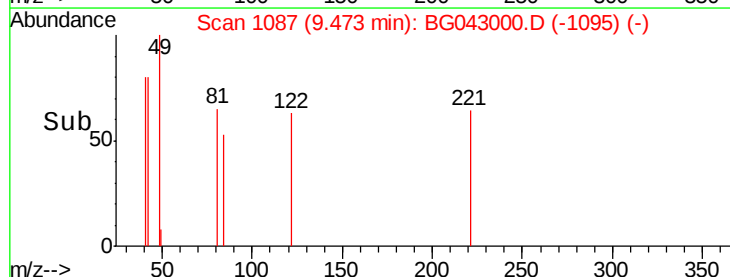
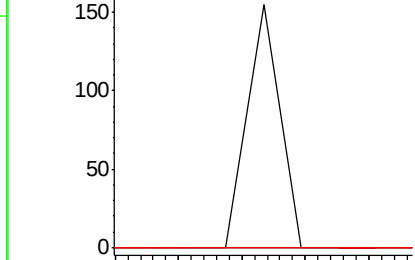
#27
 2,4-Dimethylphenol
 Concen: 79.389 ng
 RT: 9.47 min Scan# 1087
 Delta R.T. -0.58 min
 Lab File: BG043000.D
 Acq: 3 Oct 2019 1:30

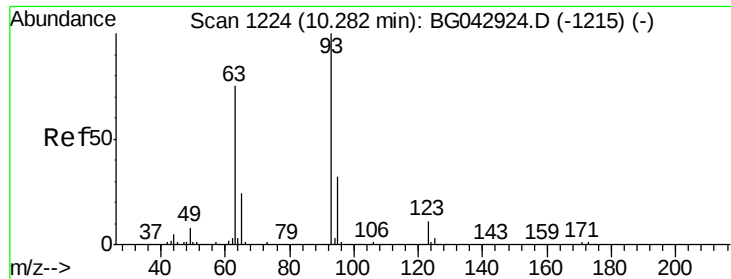
Tgt Ion	Ratio	Lower	Upper
122	100		
107	0.0	102.2	153.2#
121	0.0	48.5	72.7#



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

9.47

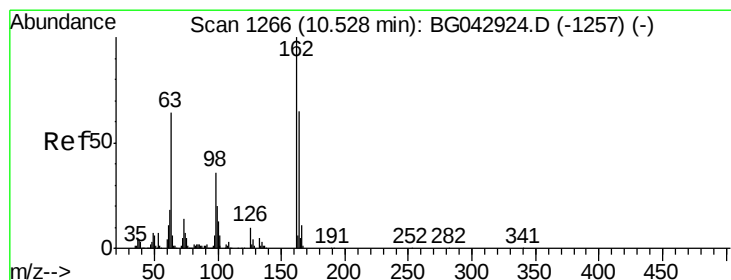
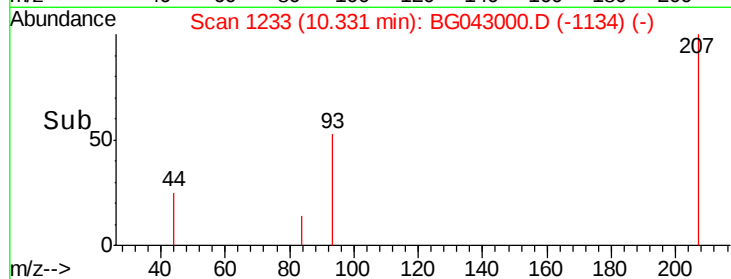
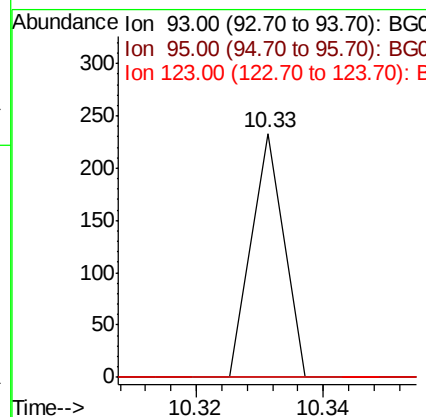
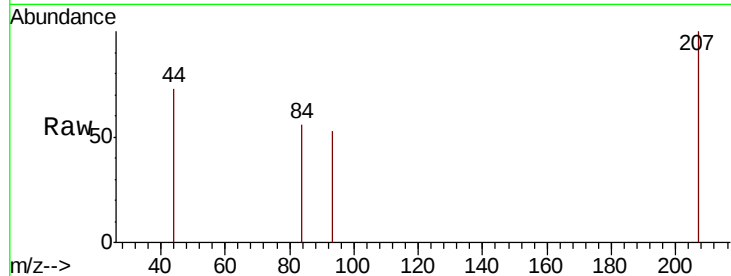




#28
 bis(2-Chloroethoxy)methane
 Concen: 74.060 ng
 RT: 10.33 min Scan# 1233
 Delta R.T. 0.05 min
 Lab File: BG043000.D
 Acq: 3 Oct 2019 1:30

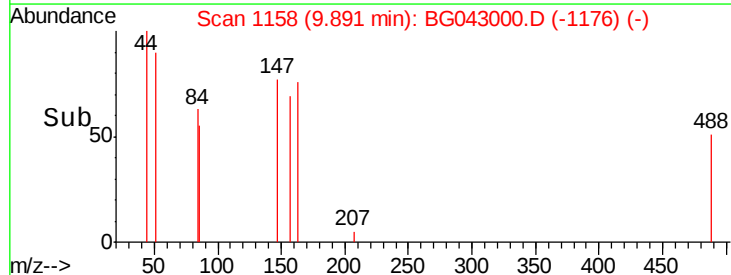
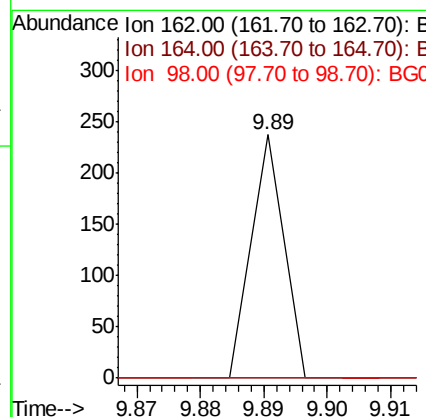
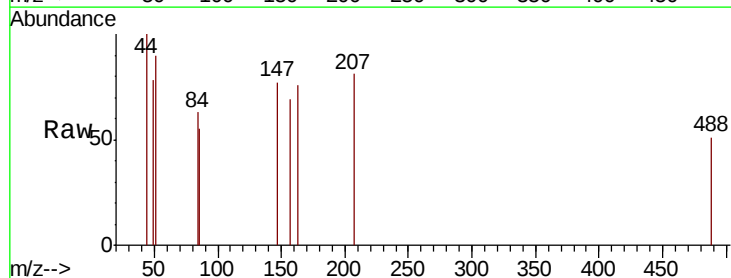
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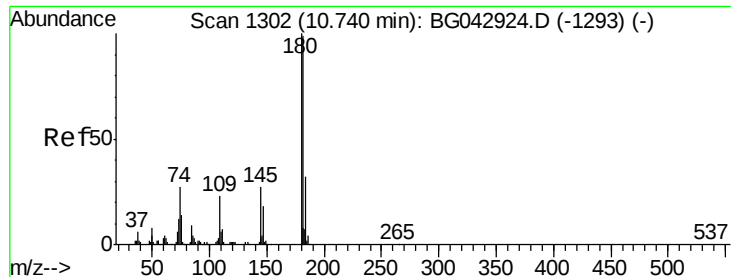
Tot Ion: 93 Resp: 82
 Ion Ratio Lower Upper
 93 100
 95 0.0 25.4 38.0#
 123 0.0 9.3 13.9#



#29
 2,4-Dichlorophenol
 Concen: 97.490 ng
 RT: 9.89 min Scan# 1158
 Delta R.T. -0.64 min
 Lab File: BG043000.D
 Acq: 3 Oct 2019 1:30

Tgt Ion: 162 Resp: 84
 Ion Ratio Lower Upper
 162 100
 164 0.0 44.7 84.7#
 98 0.0 16.0 56.0#

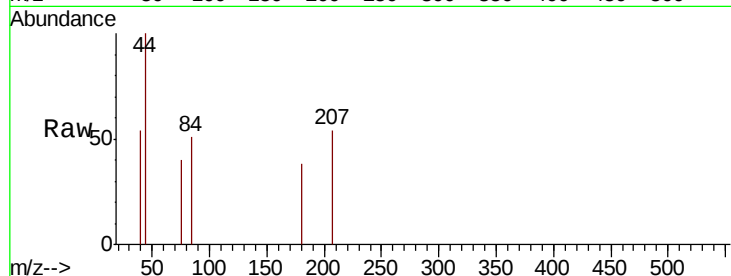




#30
 1,2,4-Trichlorobenzene
 Concen: 54.822 ng
 RT: 10.92 min Scan# 1333
 Delta R.T. 0.18 min
 Lab File: BG043000.D
 Acq: 3 Oct 2019 1:30

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

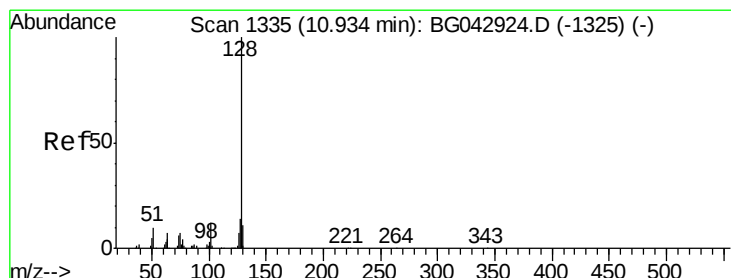
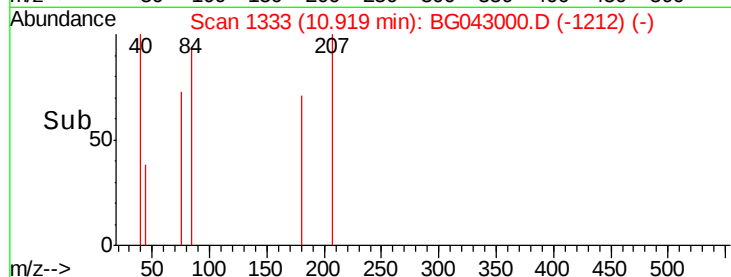
Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	79.3	118.9#
145	0.0	22.0	33.0#



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

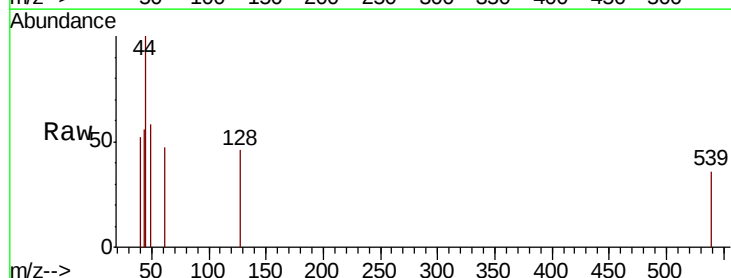
10.92

Time-->



#31
 Naphthalene
 Concen: 25.581 ng
 RT: 10.74 min Scan# 1302
 Delta R.T. -0.20 min
 Lab File: BG043000.D
 Acq: 3 Oct 2019 1:30

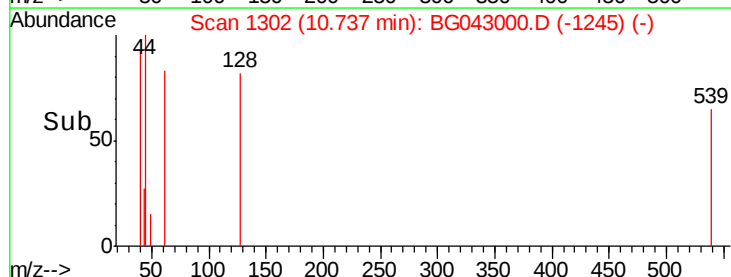
Tgt Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.8	13.2#
127	0.0	11.3	16.9#

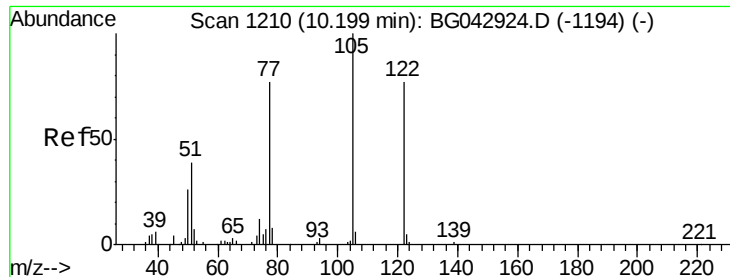


Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

10.74

Time-->

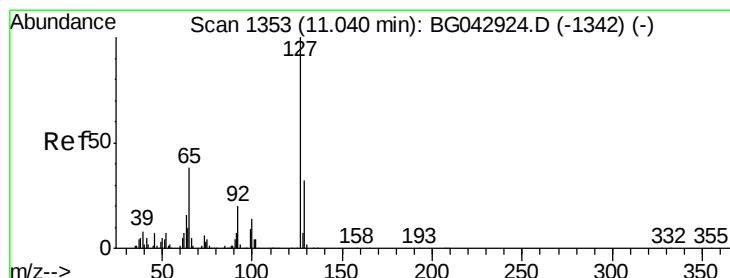
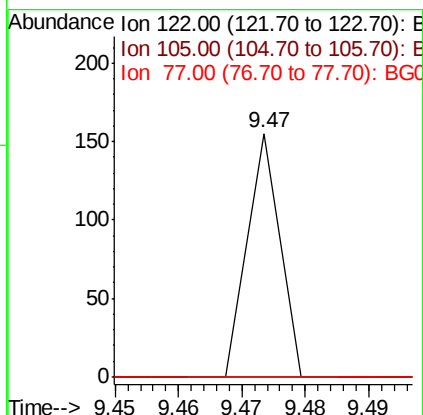
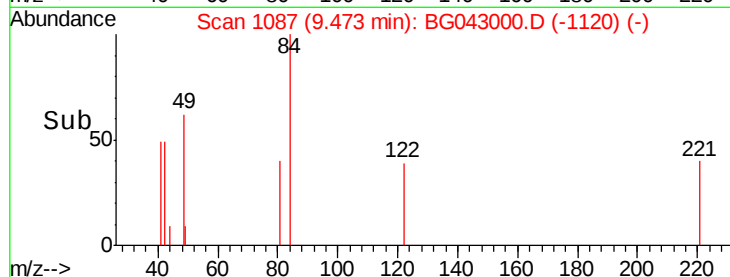
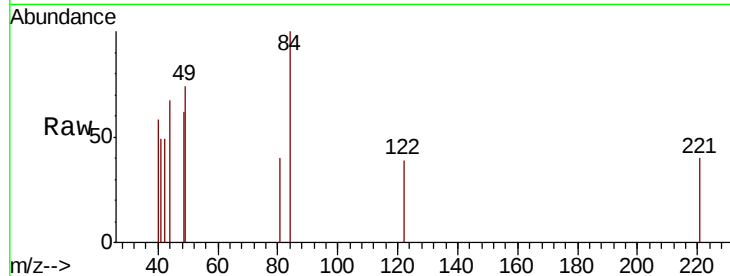




#32
Benzoic acid
Concen: 88.165 ng
RT: 9.47 min Scan# 1087
Delta R.T. -0.73 min
Lab File: BG043000.D
Acq: 3 Oct 2019 1:30

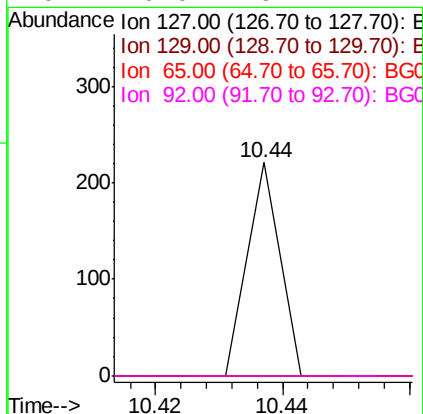
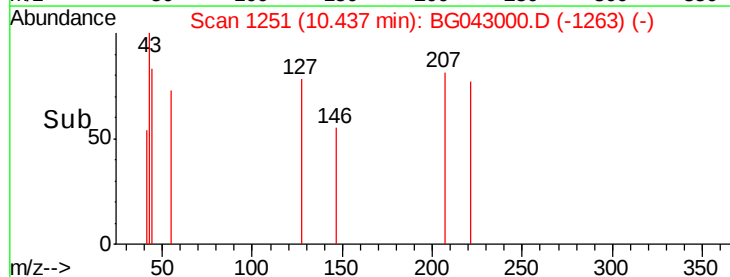
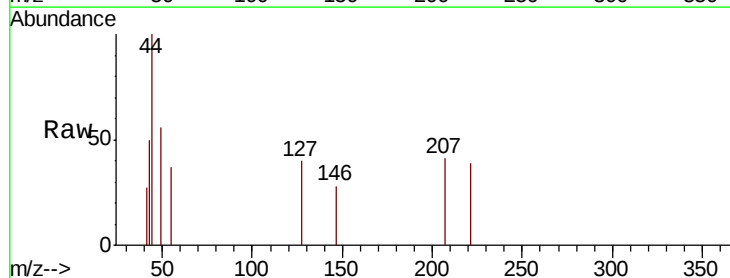
Instrument :
BNA_G
ClientSampleId :
DFTPP

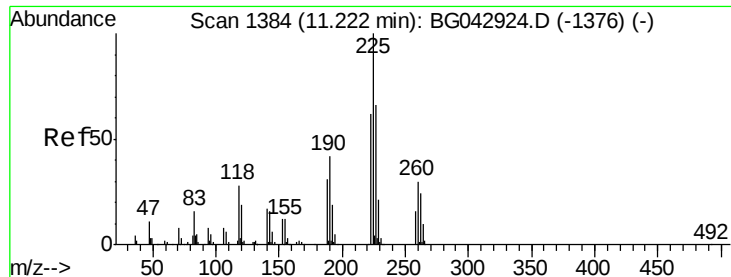
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.5	147.5#
77	0.0	79.8	119.8#



#33
4-Chloroaniline
Concen: 67.622 ng
RT: 10.44 min Scan# 1251
Delta R.T. -0.60 min
Lab File: BG043000.D
Acq: 3 Oct 2019 1:30

Tgt Ion	Ratio	Lower	Upper
127	100		
129	0.0	26.2	39.2#
65	0.0	30.6	45.8#
92	0.0	16.2	24.4#





#34

Hexachlorobutadiene

Concen: 79.220 ng

RT: 11.00 min Scan# 1346

Delta R.T. -0.23 min

Lab File: BG043000.D

Acq: 3 Oct 2019 1:30

Instrument :

BNA_G

ClientSampleId :

DFTPP

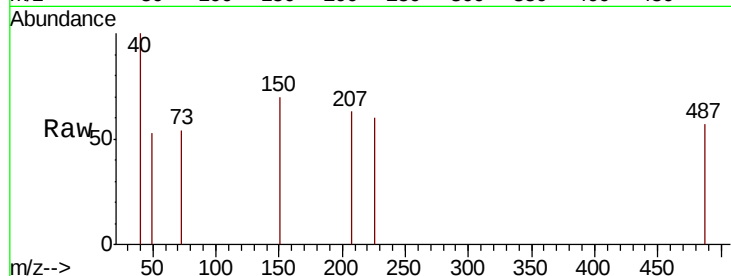
Tot Ion:225 Resp: 66

Ion Ratio Lower Upper

225 100

223 0.0 49.3 73.9#

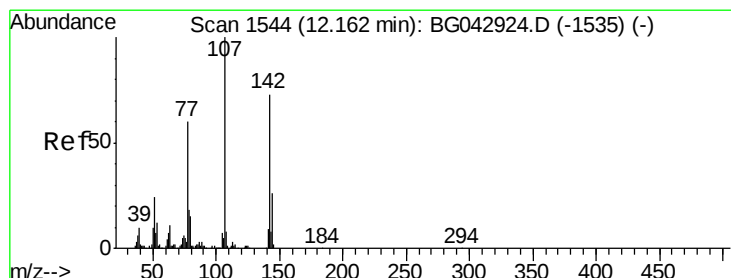
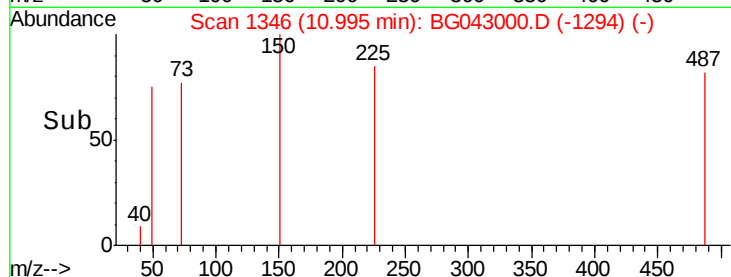
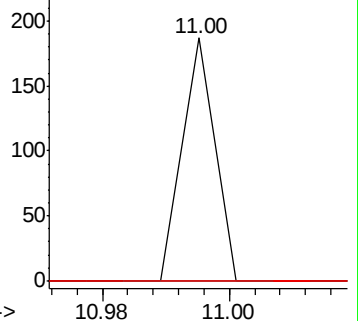
227 0.0 52.8 79.2#



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#36

4-Chloro-3-methylphenol

Concen: 80.057 ng

RT: 12.22 min Scan# 1554

Delta R.T. 0.06 min

Lab File: BG043000.D

Acq: 3 Oct 2019 1:30

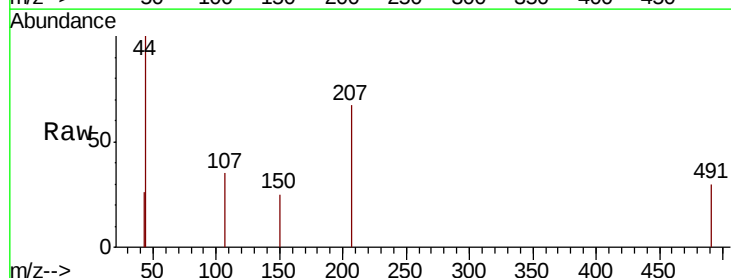
Tgt Ion:107 Resp: 75

Ion Ratio Lower Upper

107 100

144 0.0 20.7 31.1#

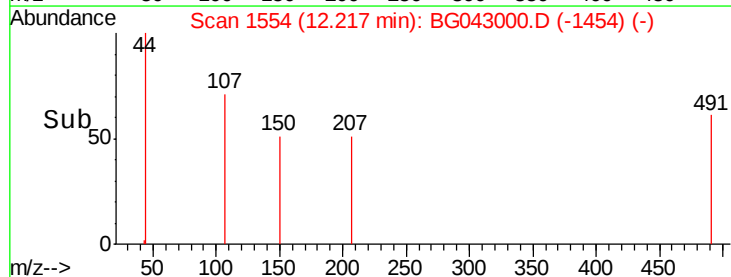
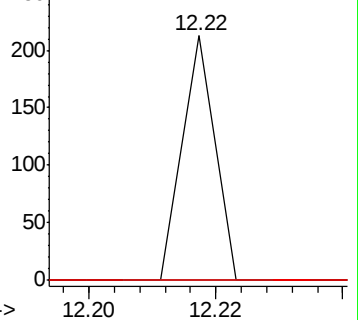
142 0.0 58.6 87.8#

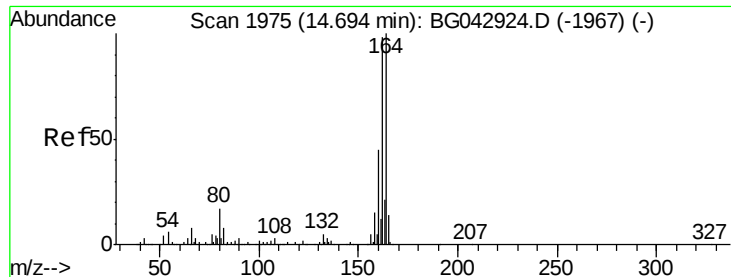


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.04 min Scan# 1864

Delta R.T. -0.66 min

Lab File: BG043000.D

Acq: 3 Oct 2019 1:30

Instrument :

BNA_G

ClientSampleID :

DFTPP

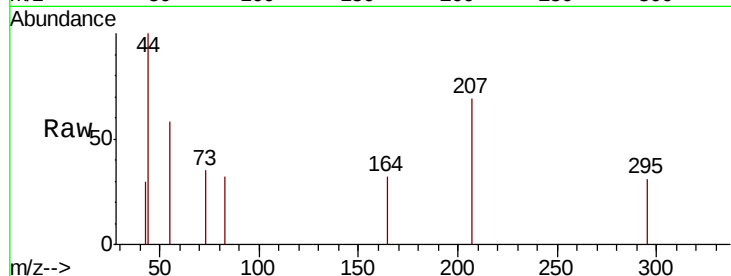
Tot Ion:164 Resp: 61

Ion Ratio Lower Upper

164 100

162 0.0 78.5 117.7#

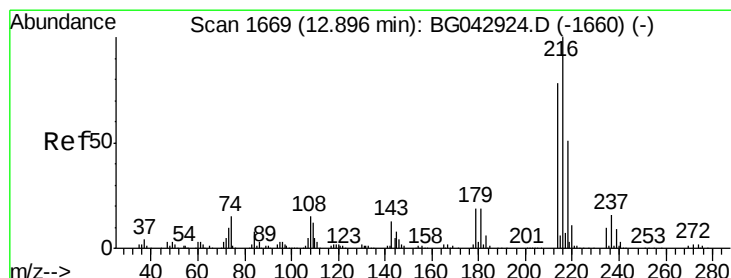
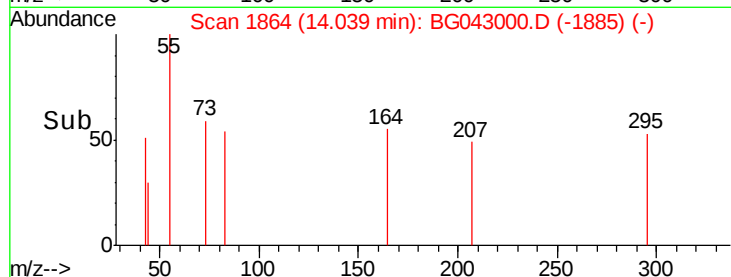
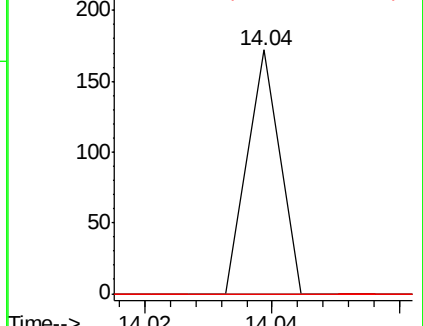
160 0.0 35.9 53.9#



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 24.852 ng

RT: 12.62 min Scan# 1622

Delta R.T. -0.28 min

Lab File: BG043000.D

Acq: 3 Oct 2019 1:30

Tgt Ion:216 Resp: 57

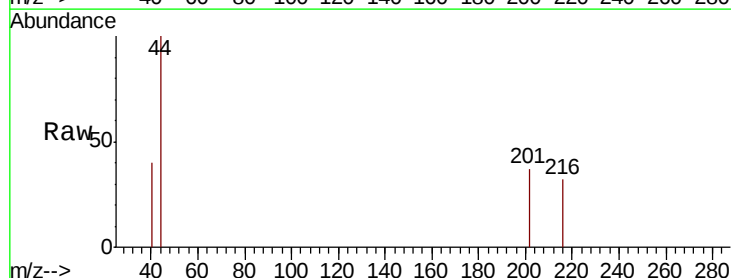
Ion Ratio Lower Upper

216 100

214 0.0 62.4 93.6#

179 0.0 15.4 23.2#

108 0.0 12.6 19.0#

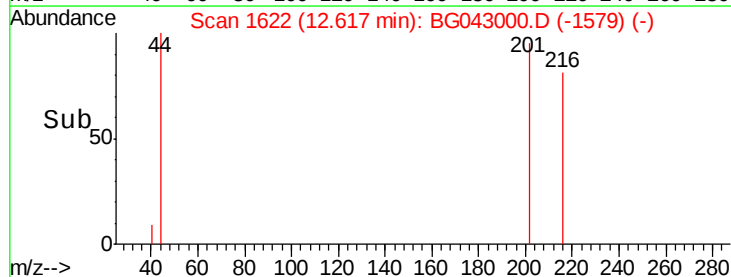
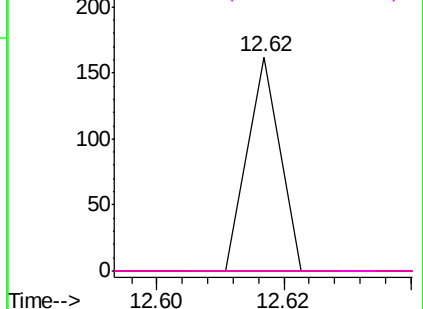


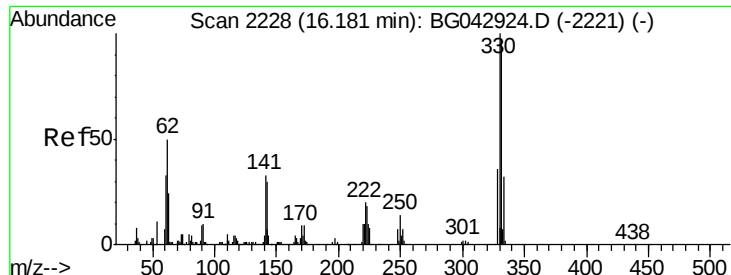
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

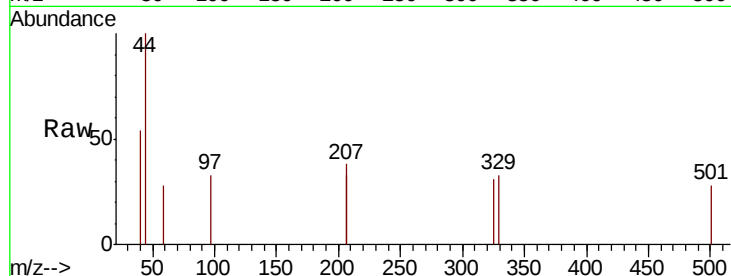




#42
 2,4,6-Tribromophenol
 Concen: 61.014 ng
 RT: 15.27 min Scan# 2073
 Delta R.T. -0.91 min
 Lab File: BG043000.D
 Acq: 3 Oct 2019 1:30

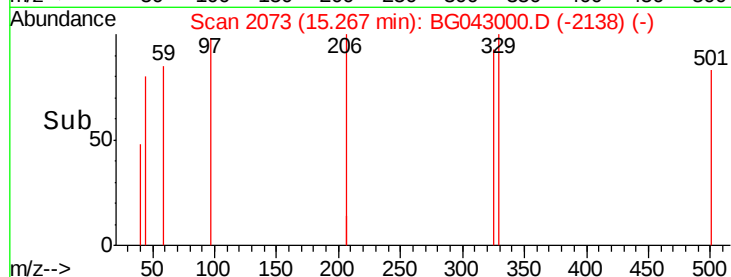
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tot Ion:330 Resp: 64
 Ion Ratio Lower Upper
 330 100
 332 0.0 78.2 117.2#
 141 0.0 26.0 39.0#

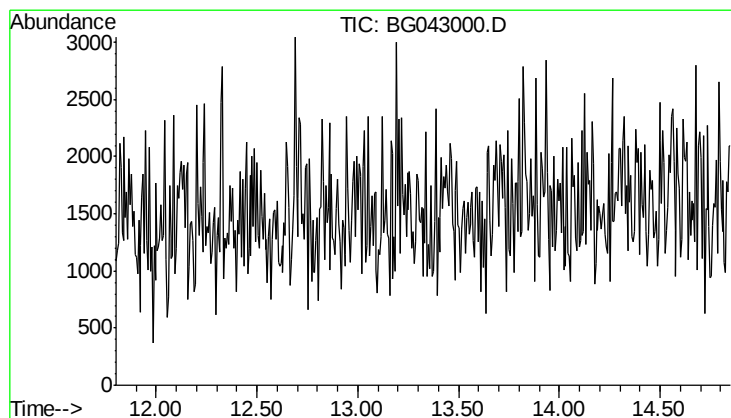


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

15.27



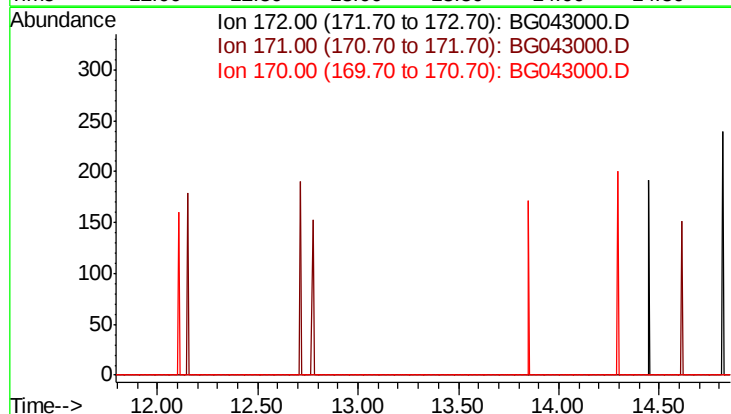
Time-->

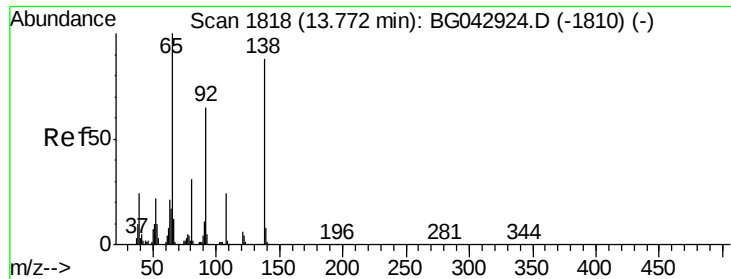


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 13.33 min

Lab File: BG043000.D
 Acq: 3 Oct 2019 1:30

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 37.0
 170 24.5

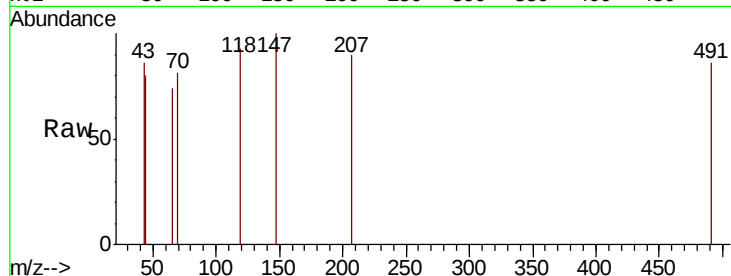




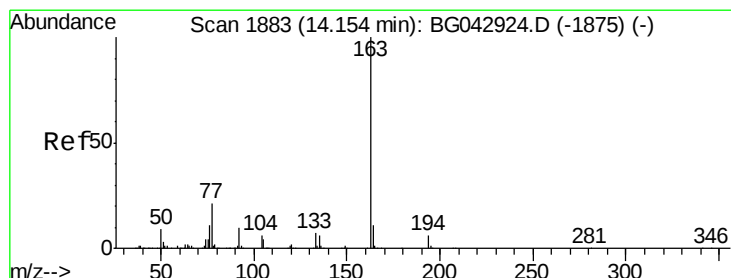
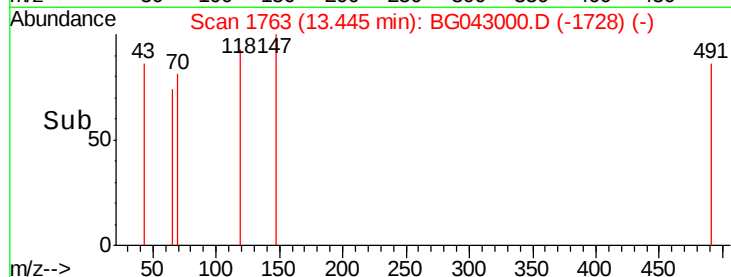
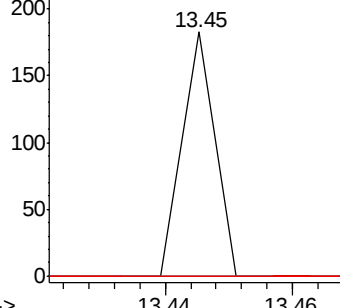
#48
2-Nitroaniline
Concen: 56.357 ng
RT: 13.45 min Scan# 1763
Delta R.T. -0.33 min
Lab File: BG043000.D
Acq: 3 Oct 2019 1:30

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tot Ion	Ratio	Lower	Upper
65	100		
92	0.0	52.0	78.0#
138	0.0	70.4	105.6#

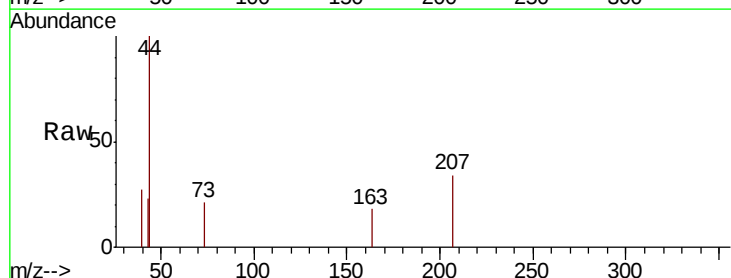


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

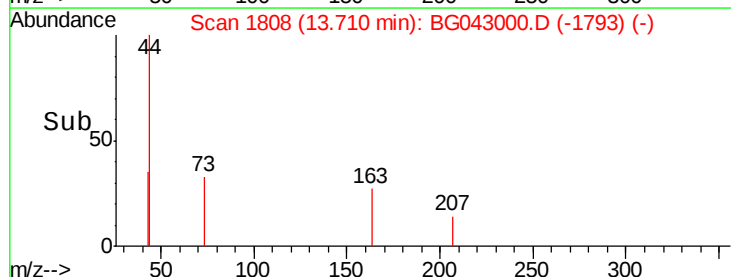
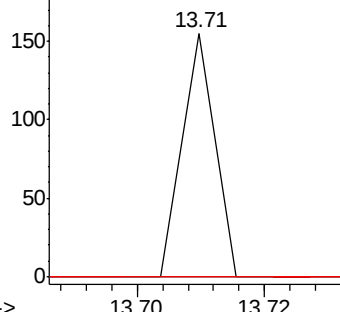


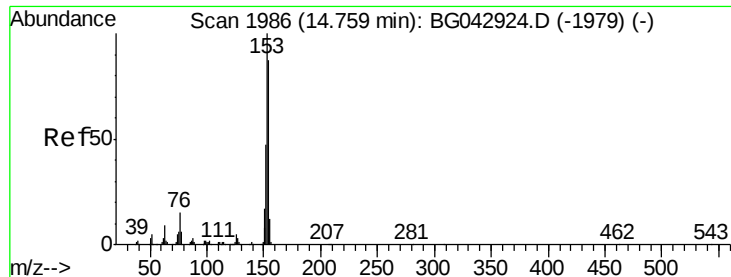
#50
Dimethylphthalate
Concen: 12.034 ng
RT: 13.71 min Scan# 1808
Delta R.T. -0.44 min
Lab File: BG043000.D
Acq: 3 Oct 2019 1:30

Tgt Ion	Ratio	Lower	Upper
163	100		
194	0.0	4.4	6.6#
164	0.0	8.6	12.8#



Abundance Ion 163.00 (162.70 to 163.70): BGC
Ion 194.00 (193.70 to 194.70): BGC
Ion 164.00 (163.70 to 164.70): BGC





#52

Acenaphthene

Concen: 18.580 ng

RT: 13.64 min Scan# 1796

Delta R.T. -1.12 min

Lab File: BG043000.D

Acq: 3 Oct 2019 1:30

Instrument :

BNA_G

ClientSampleId :

DFTPP

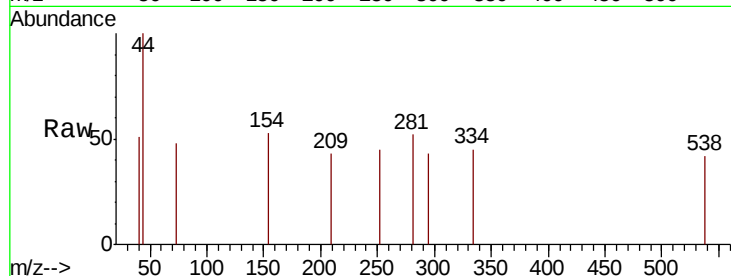
Tot Ion:154 Resp: 66

Ion Ratio Lower Upper

154 100

153 0.0 91.4 137.0#

152 0.0 42.8 64.2#

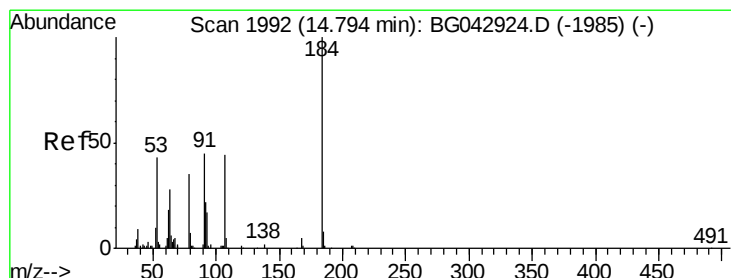
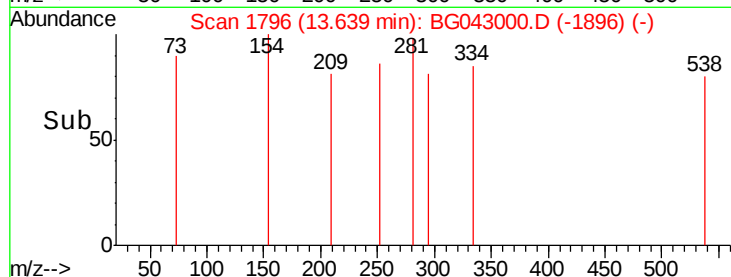
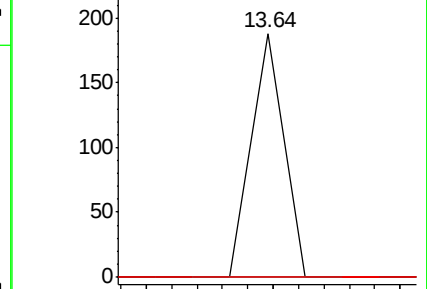


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

13.64



#54

2,4-Dinitrophenol

Concen: 122.314 ng

RT: 13.76 min Scan# 1817

Delta R.T. -1.03 min

Lab File: BG043000.D

Acq: 3 Oct 2019 1:30

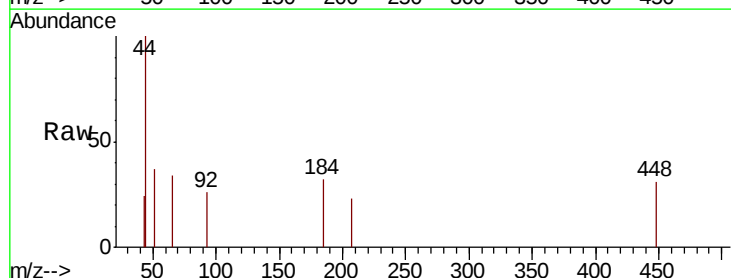
Tgt Ion:184 Resp: 74

Ion Ratio Lower Upper

184 100

63 0.0 55.0 82.6#

154 0.0 56.5 84.7#

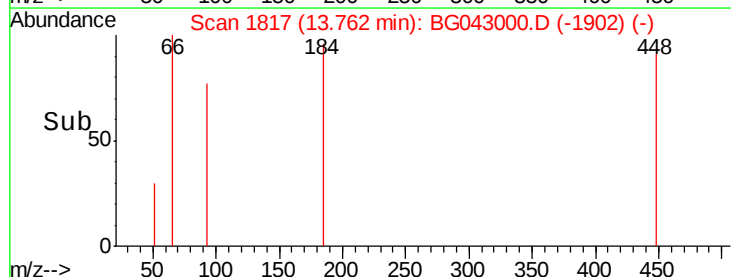
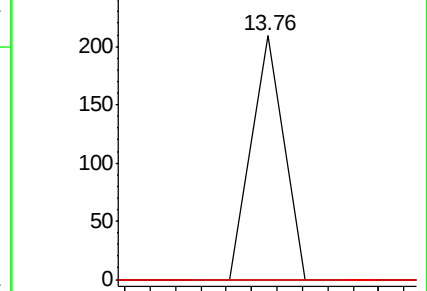


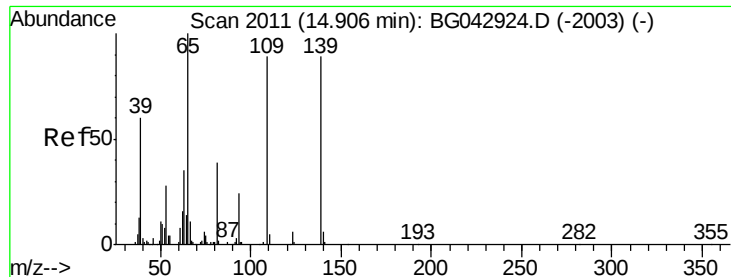
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

13.76

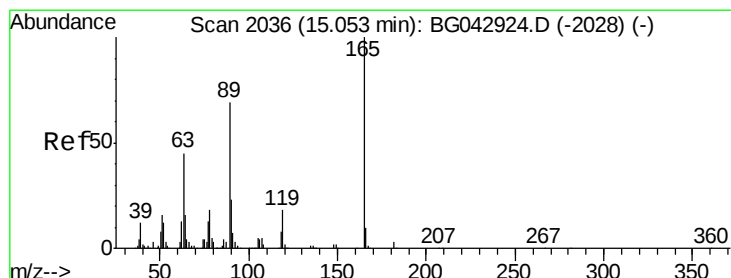
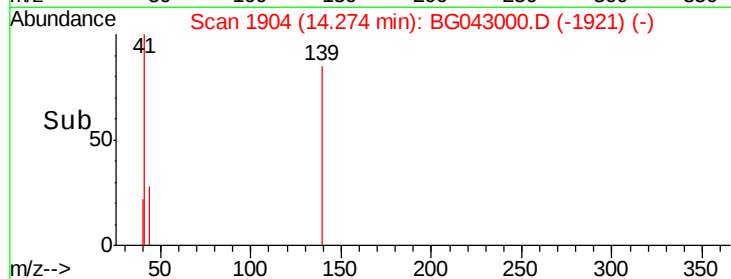
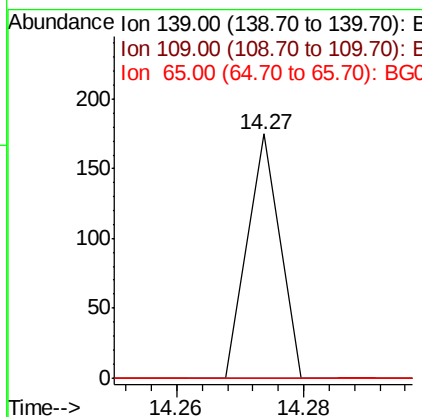
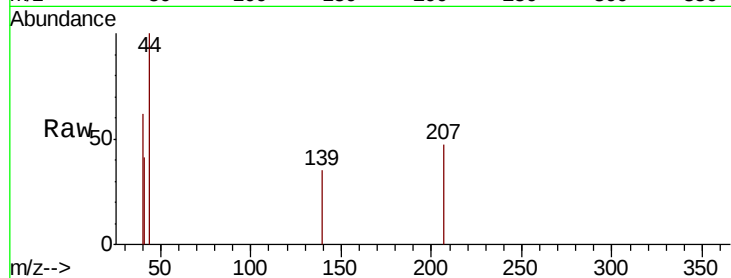




#56
4-Nitrophenol
Concen: 80.896 ng
RT: 14.27 min Scan# 1904
Delta R.T. -0.63 min
Lab File: BG043000.D
Acq: 3 Oct 2019 1:30

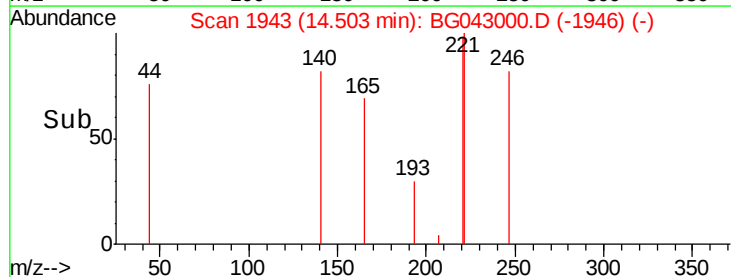
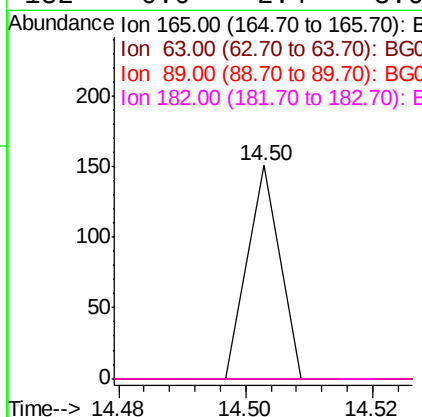
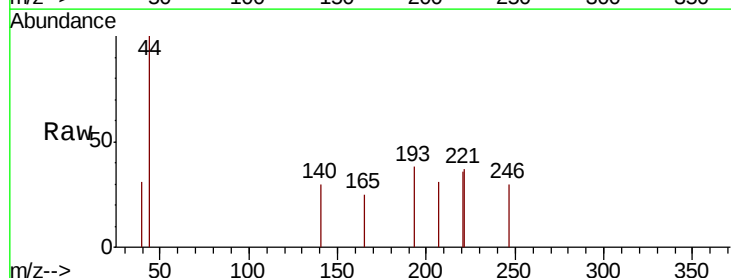
Instrument :
BNA_G
ClientSampleId :
DFTPP

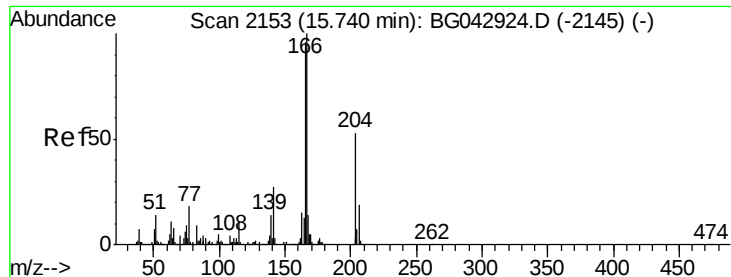
Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	79.4	119.4#
65	0.0	92.5	132.5#



#57
2,4-Dinitrotoluene
Concen: 37.184 ng
RT: 14.50 min Scan# 1943
Delta R.T. -0.55 min
Lab File: BG043000.D
Acq: 3 Oct 2019 1:30

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





#58

Fluorene

Concen: 38.562 ng

RT: 15.31 min Scan# 2080

Delta R.T. -0.43 min

Lab File: BG043000.D

Acq: 3 Oct 2019 1:30

Instrument :

BNA_G

ClientSampleId :

DFTPP

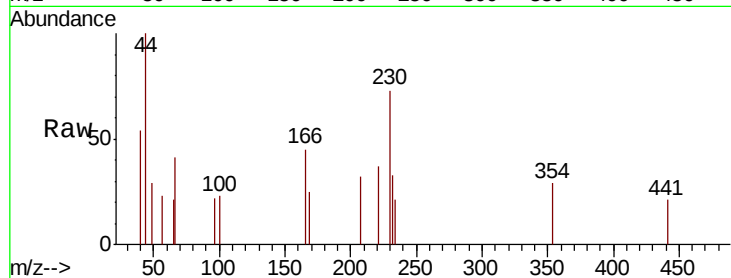
Tot Ion:166 Resp: 173

Ion Ratio Lower Upper

166 100

165 0.0 77.1 115.7#

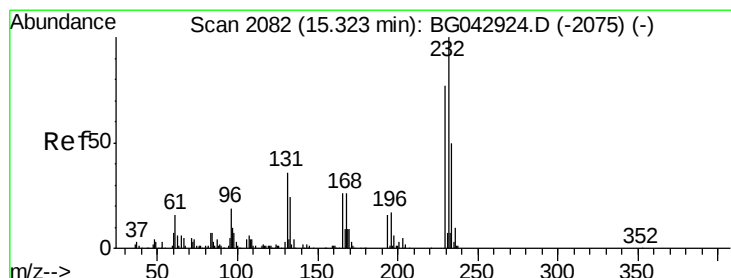
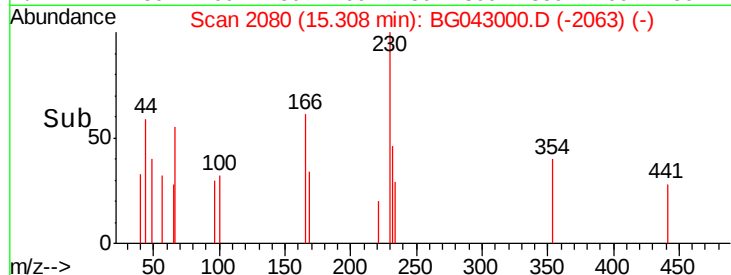
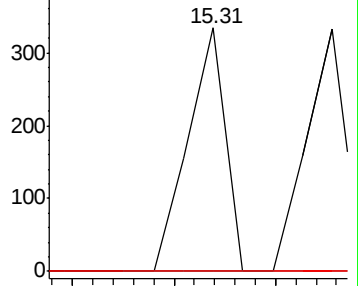
167 0.0 11.0 16.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 43.465 ng

RT: 14.60 min Scan# 1960

Delta R.T. -0.72 min

Lab File: BG043000.D

Acq: 3 Oct 2019 1:30

Tgt Ion:232 Resp: 64

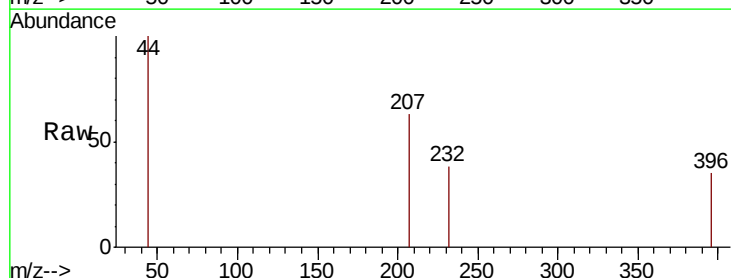
Ion Ratio Lower Upper

232 100

131 0.0 29.6 44.4#

130 0.0 1.9 2.9#

166 0.0 21.8 32.8#

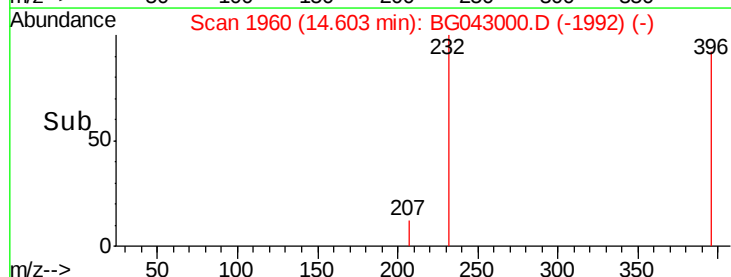
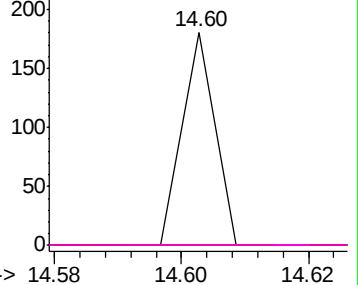


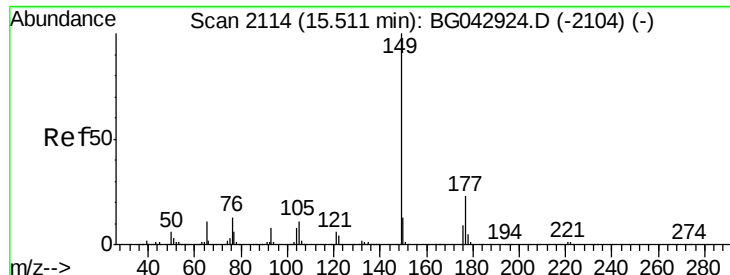
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#60

Diethylphthalate

Concen: 17.629 ng

RT: 14.74 min Scan# 1984

Delta R.T. -0.77 min

Lab File: BG043000.D

Acq: 3 Oct 2019 1:30

Instrument :

BNA_G

ClientSampleId :

DFTPP

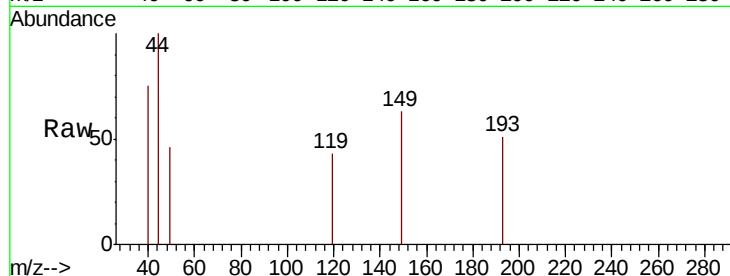
Tot Ion:149 Resp: 82

Ion Ratio Lower Upper

149 100

177 0.0 18.8 28.2#

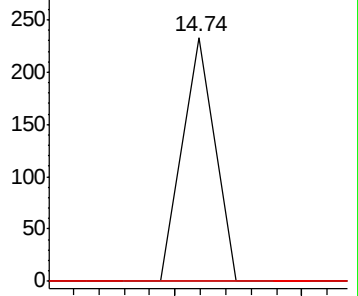
150 0.0 10.6 15.8#



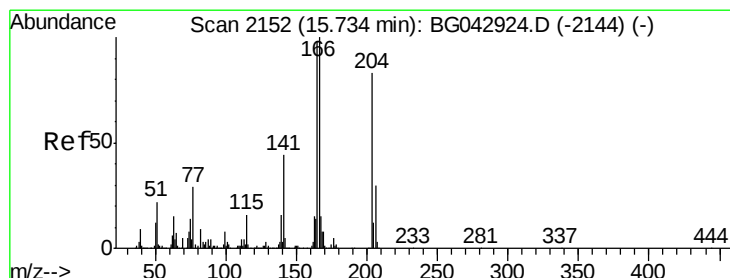
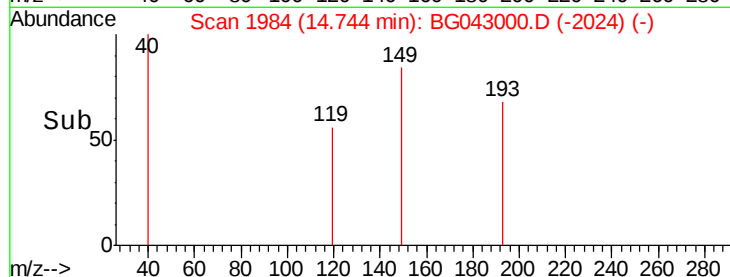
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->



#61

4-Chlorophenyl-phenylether

Concen: 20.070 ng

RT: 14.63 min Scan# 1965

Delta R.T. -1.10 min

Lab File: BG043000.D

Acq: 3 Oct 2019 1:30

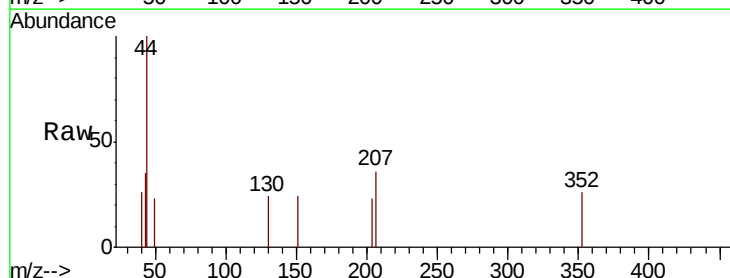
Tgt Ion:204 Resp: 54

Ion Ratio Lower Upper

204 100

206 0.0 28.5 42.7#

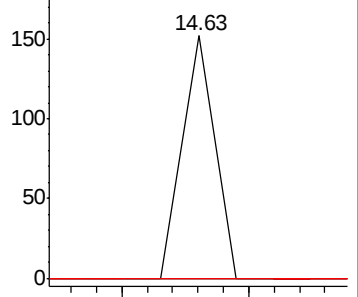
141 0.0 42.4 63.6#



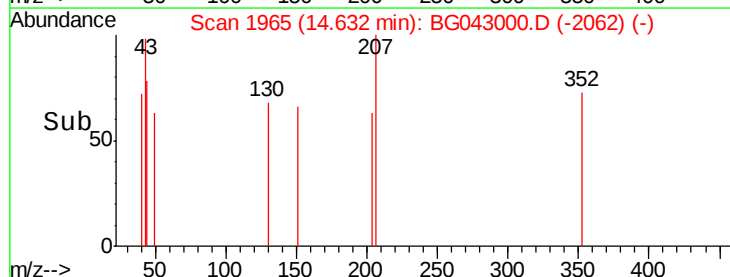
Abundance Ion 204.00 (203.70 to 204.70): E

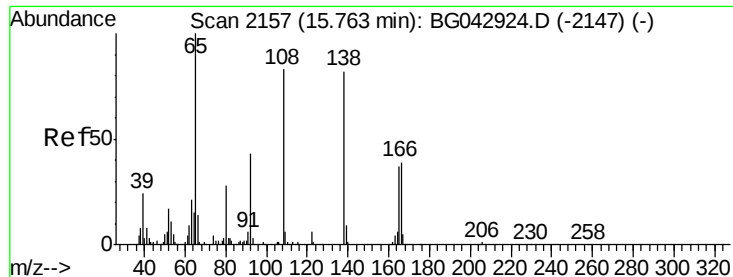
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#62

4-Nitroaniline

Concen: 52.870 ng

RT: 14.93 min Scan# 2015

Delta R.T. -0.84 min

Lab File: BG043000.D

Acq: 3 Oct 2019 1:30

Instrument :

BNA_G

ClientSampleId :

DFTPP

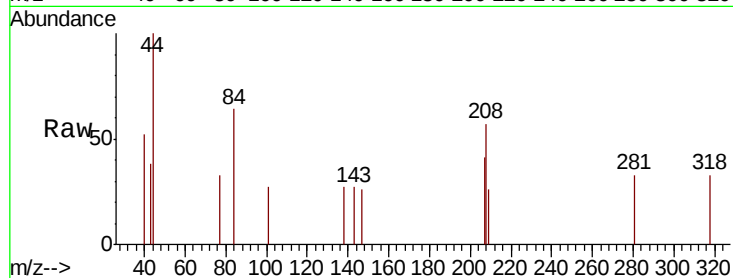
Tot Ion:138 Resp: 58

Ion Ratio Lower Upper

138 100

92 0.0 32.9 72.9#

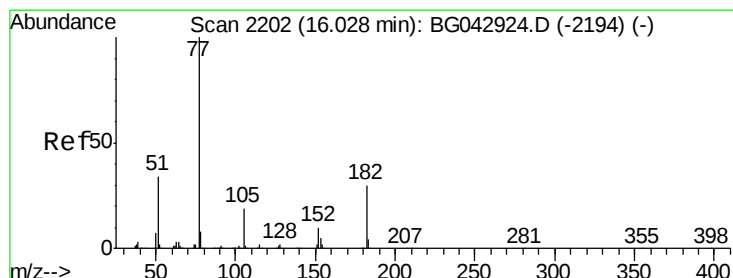
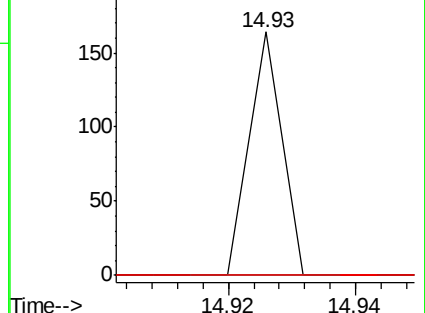
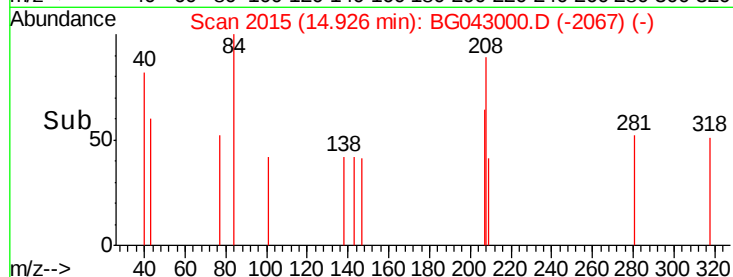
108 0.0 81.3 121.3#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 13.460 ng

RT: 15.31 min Scan# 2081

Delta R.T. -0.71 min

Lab File: BG043000.D

Acq: 3 Oct 2019 1:30

Tgt Ion: 77 Resp: 57

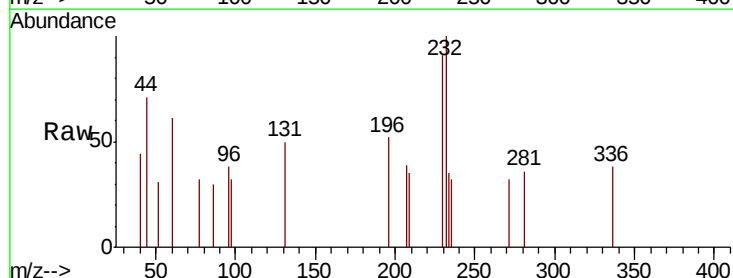
Ion Ratio Lower Upper

77 100

182 0.0 10.2 50.2#

105 0.0 0.0 39.1

51 96.3 13.9 53.9#

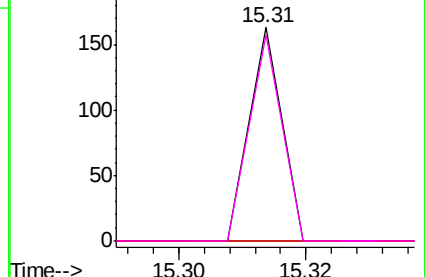
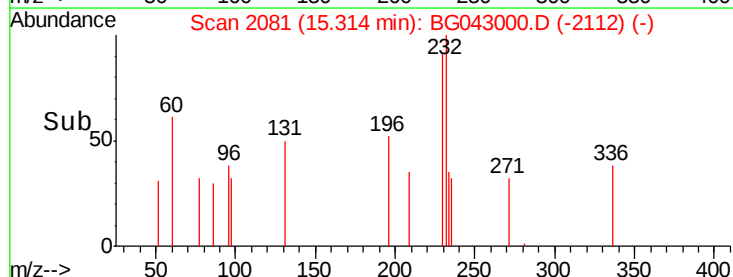


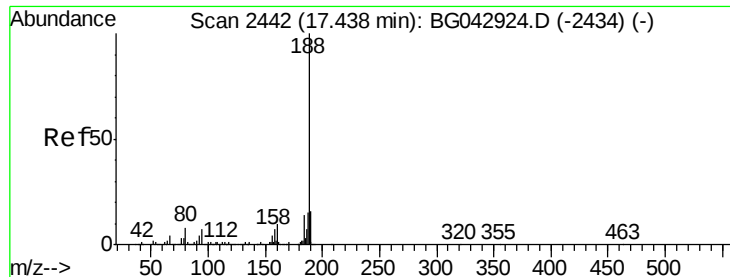
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.68 min Scan# 2313

Delta R.T. -0.76 min

Lab File: BG043000.D

Acq: 3 Oct 2019 1:30

Instrument :

BNA_G

ClientSampleId :

DFTPP

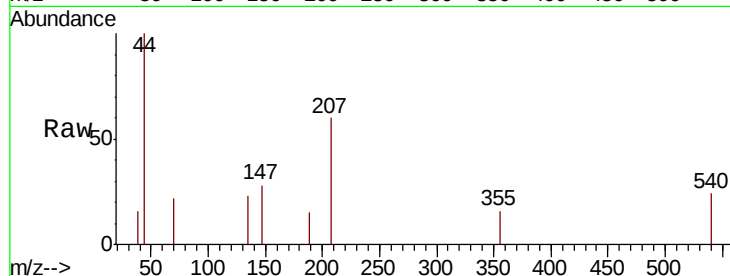
Tot Ion:188 Resp: 55

Ion Ratio Lower Upper

188 100

94 0.0 5.7 8.5#

80 0.0 6.5 9.7#

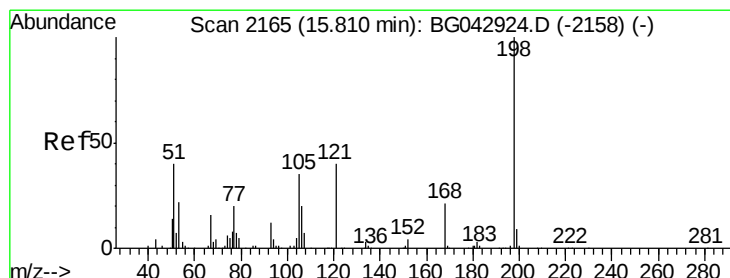
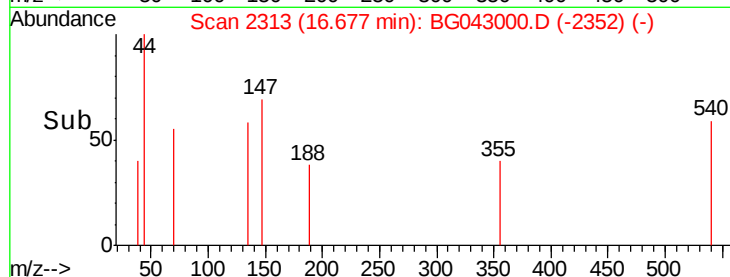
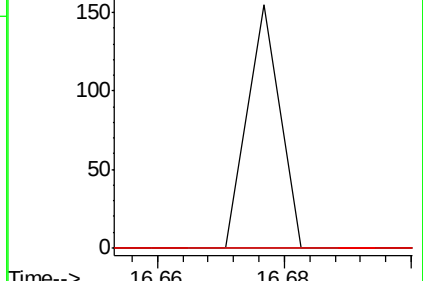


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

16.68



#65

4,6-Dinitro-2-methylphenol

Concen: 189.573 ng

RT: 14.78 min Scan# 1991

Delta R.T. -1.03 min

Lab File: BG043000.D

Acq: 3 Oct 2019 1:30

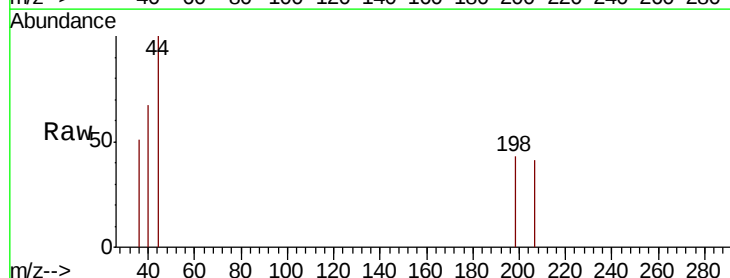
Tgt Ion:198 Resp: 59

Ion Ratio Lower Upper

198 100

51 0.0 25.3 65.3#

105 0.0 16.6 56.6#

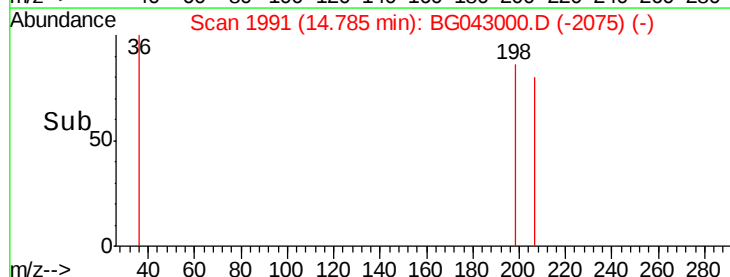
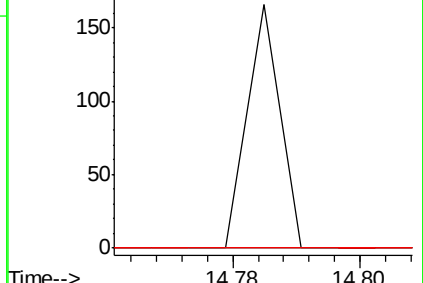


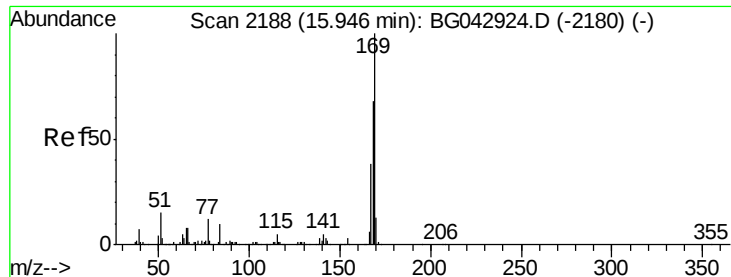
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

14.78





#66

n-Nitrosodiphenylamine

Concen: 41.324 ng

RT: 15.21 min Scan# 2063

Delta R.T. -0.74 min

Lab File: BG043000.D

Acq: 3 Oct 2019 1:30

Instrument :

BNA_G

ClientSampleId :

DFTPP

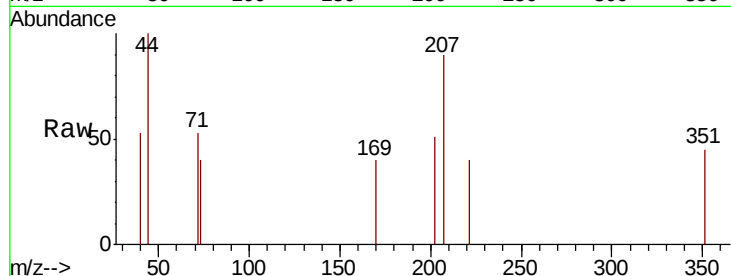
Tot Ion:169 Resp: 60

Ion Ratio Lower Upper

169 100

168 0.0 54.8 82.2#

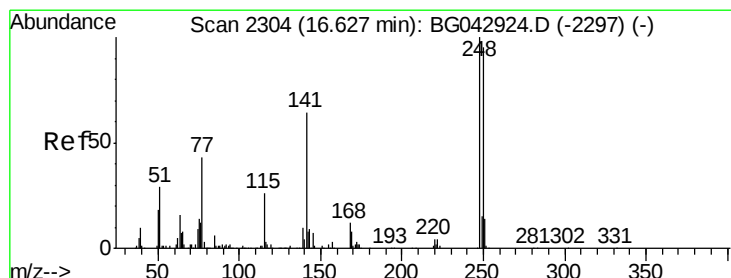
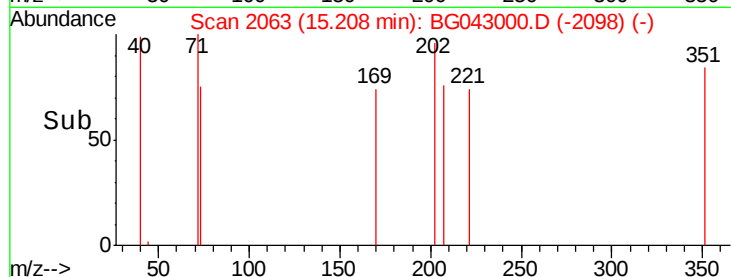
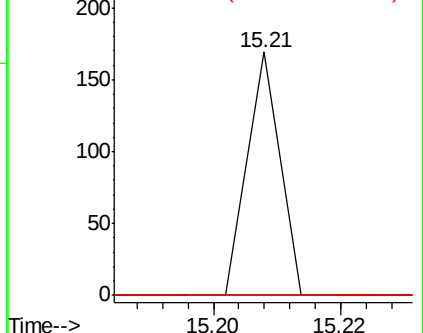
167 0.0 30.6 46.0#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67

4-Bromophenyl-phenylether

Concen: 92.713 ng

RT: 15.76 min Scan# 2157

Delta R.T. -0.87 min

Lab File: BG043000.D

Acq: 3 Oct 2019 1:30

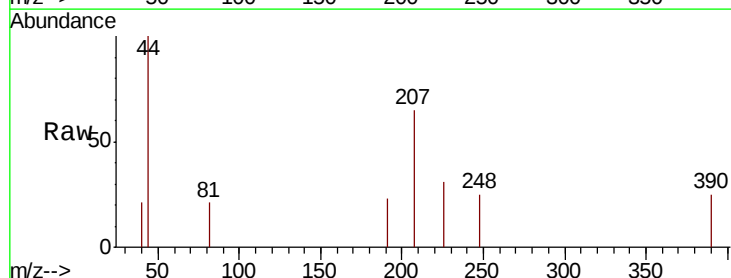
Tgt Ion:248 Resp: 64

Ion Ratio Lower Upper

248 100

250 0.0 75.8 113.8#

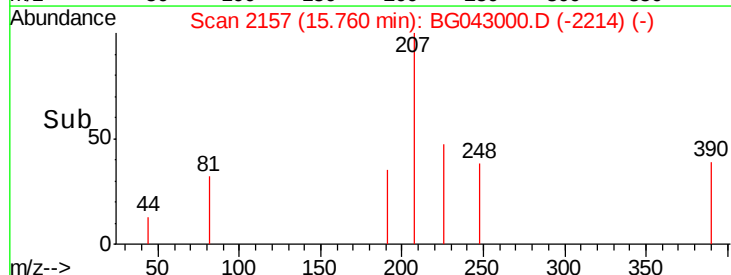
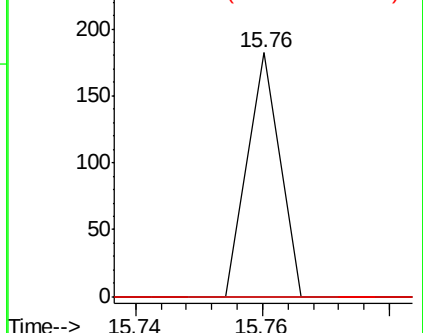
141 0.0 51.1 76.7#

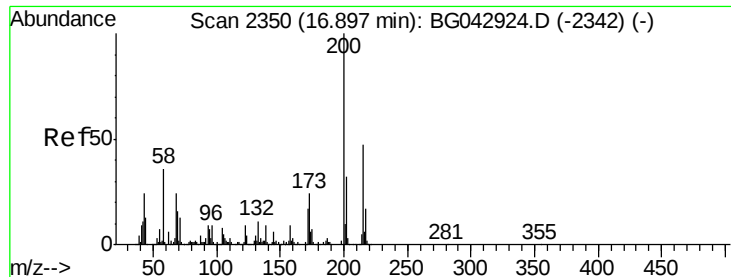


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#69

Atrazine

Concen: 89.958 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.73 min

Lab File: BG043000.D

Acq: 3 Oct 2019 1:30

Instrument :

BNA_G

ClientSampleId :

DFTPP

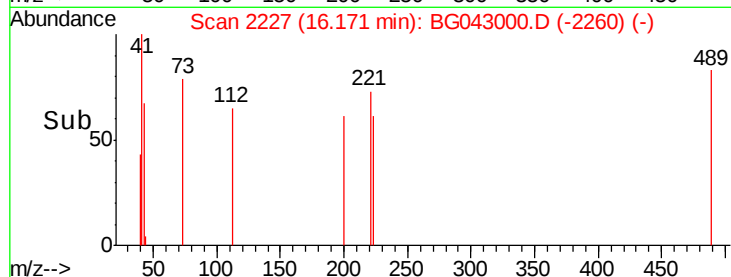
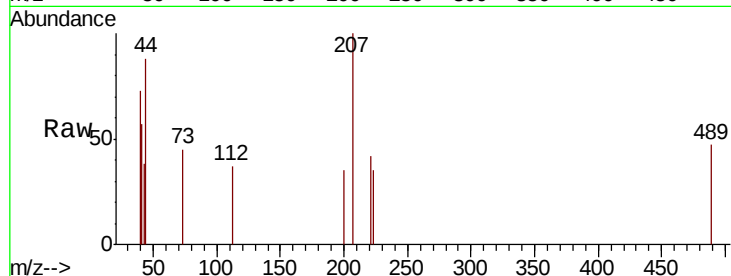
Tot Ion:200 Resp: 55

Ion Ratio Lower Upper

200 100

173 0.0 4.0 44.0#

215 0.0 27.4 67.4#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

250

200

150

100

50

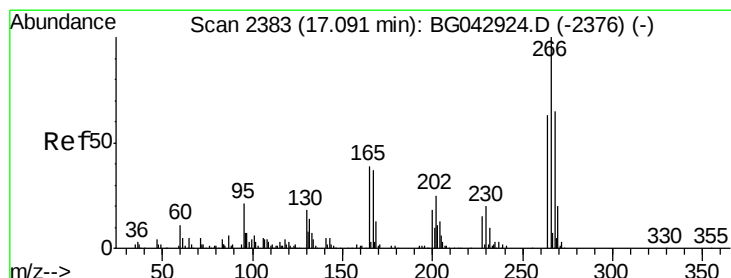
0

16.16

16.17

16.18

Time-->



#70

Pentachlorophenol

Concen: 153.325 ng

RT: 16.20 min Scan# 2232

Delta R.T. -0.89 min

Lab File: BG043000.D

Acq: 3 Oct 2019 1:30

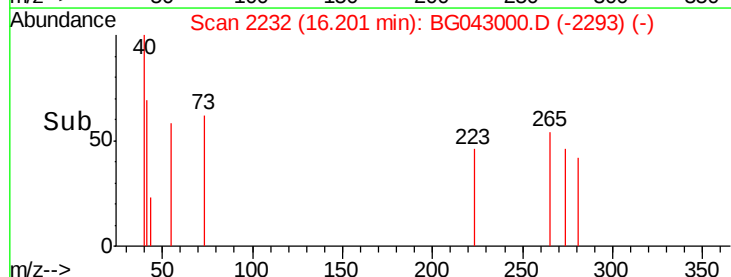
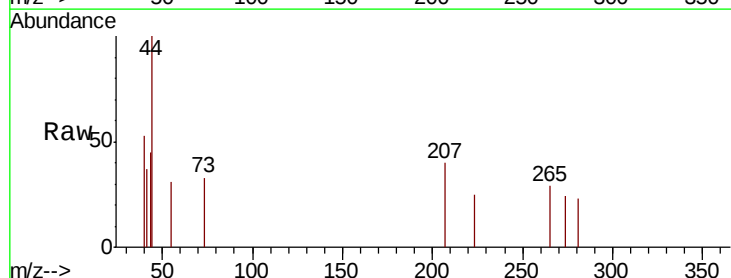
Tgt Ion:266 Resp: 68

Ion Ratio Lower Upper

266 100

268 0.0 52.2 78.2#

264 0.0 50.7 76.1#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

250

200

150

100

50

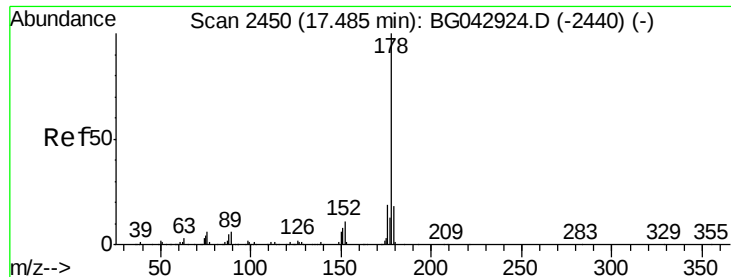
0

16.18

16.20

16.22

Time-->



#71

Phenanthrene

Concen: 29.049 ng

RT: 17.06 min Scan# 2379

Delta R.T. -0.42 min

Lab File: BG043000.D

Acq: 3 Oct 2019 1:30

Instrument :

BNA_G

ClientSampleId :

DFTPP

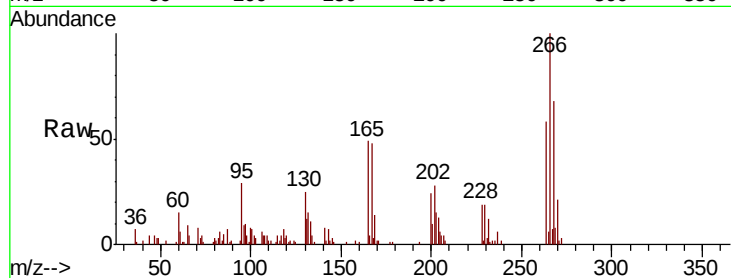
Tot Ion:178 Resp: 78

Ion Ratio Lower Upper

178 100

176 0.0 15.1 22.7#

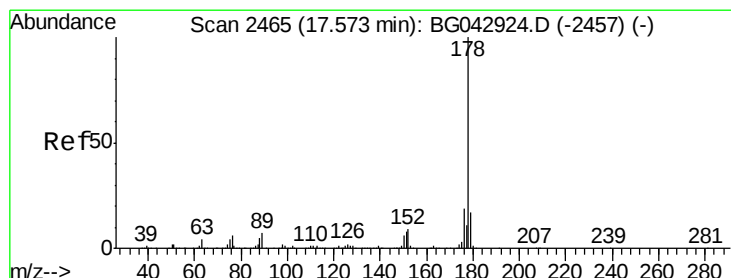
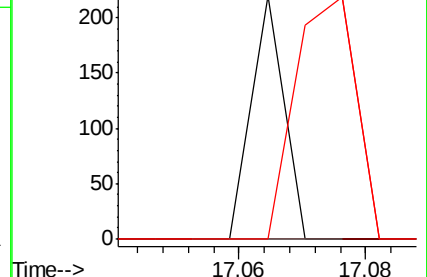
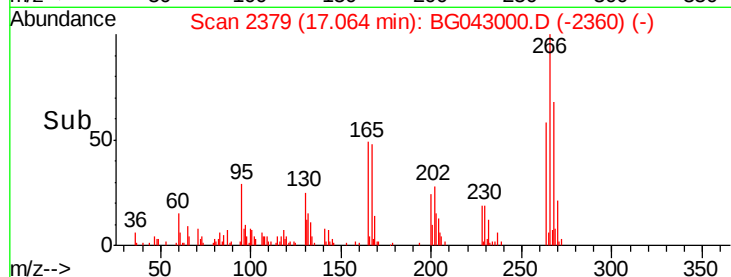
179 0.0 14.1 21.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 29.098 ng

RT: 17.06 min Scan# 2379

Delta R.T. -0.51 min

Lab File: BG043000.D

Acq: 3 Oct 2019 1:30

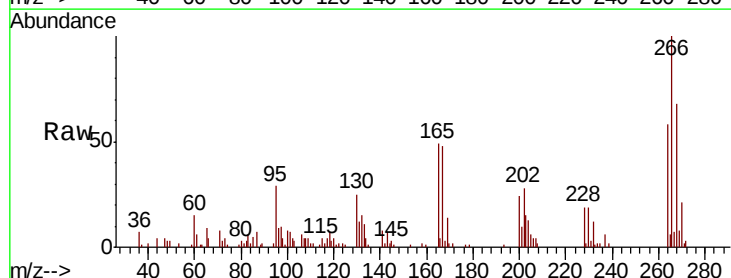
Tgt Ion:178 Resp: 78

Ion Ratio Lower Upper

178 100

176 0.0 15.5 23.3#

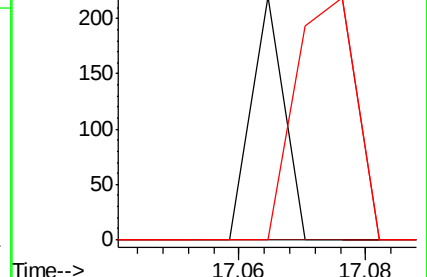
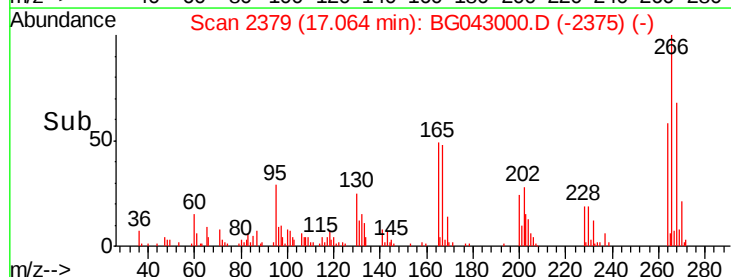
179 0.0 13.5 20.3#

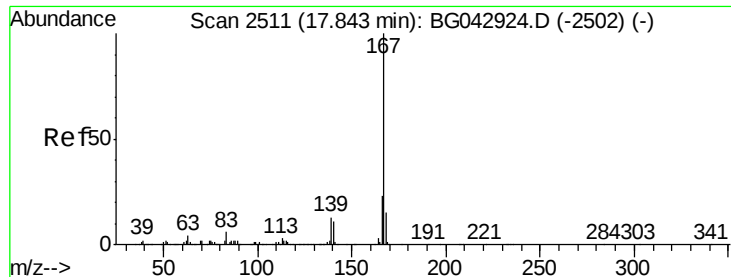


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

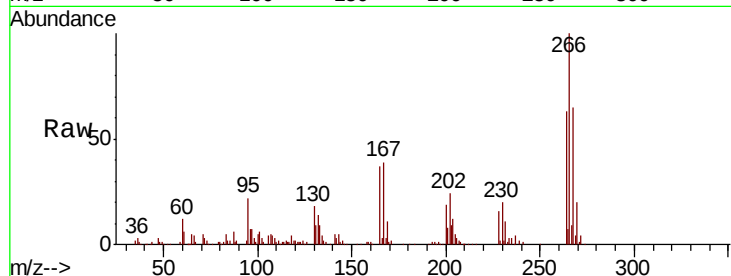




#73
 Carbazole
 Concen: 19391.515 ng
 RT: 17.08 min Scan# 2382
 Delta R.T. -0.76 min
 Lab File: BG043000.D
 Acq: 3 Oct 2019 1:30

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tot Ion	Ratio	Lower	Upper
167	100		
166	8.3	18.6	28.0#
139	0.0	10.8	16.2#

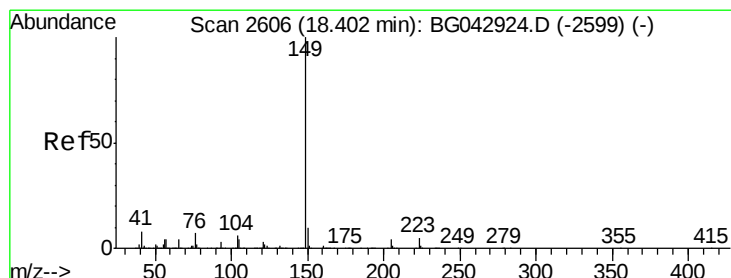
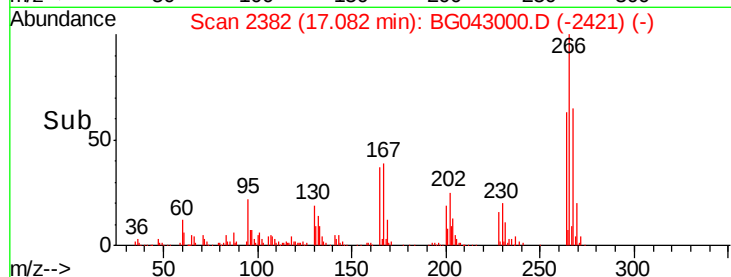
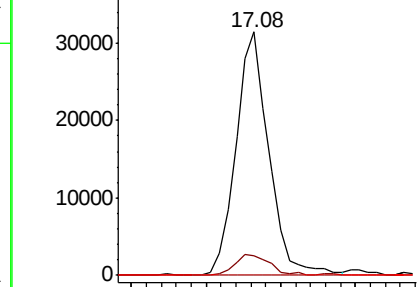


Abundance

Ion 167.00 (166.70 to 167.70): E

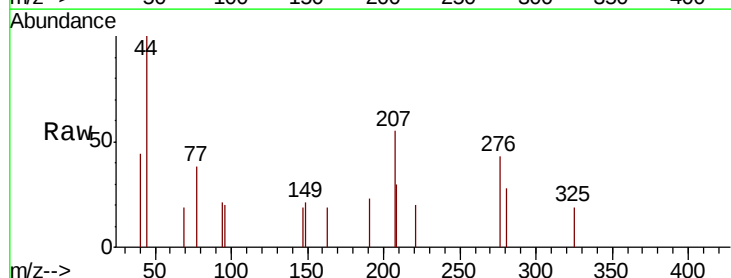
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 20.230 ng
 RT: 17.69 min Scan# 2486
 Delta R.T. -0.71 min
 Lab File: BG043000.D
 Acq: 3 Oct 2019 1:30

Tgt Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.7	11.5#
104	0.0	5.0	7.6#

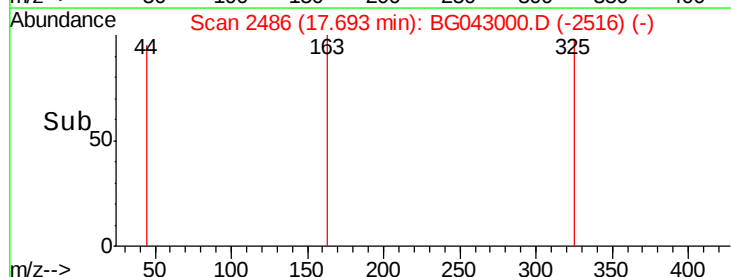
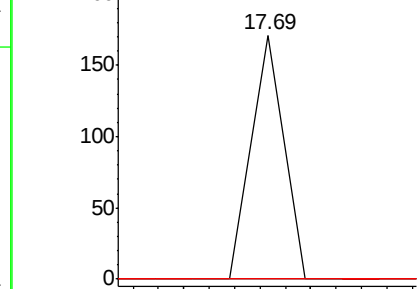


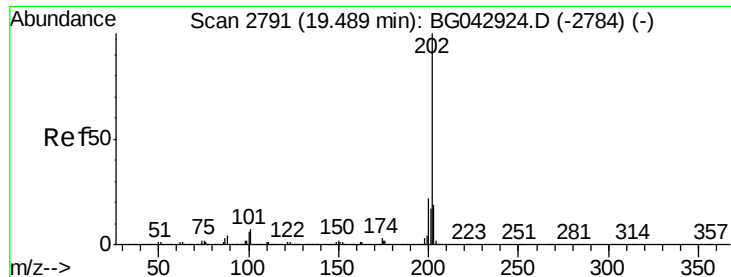
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 18.865 ng

RT: 18.50 min Scan# 2623

Delta R.T. -0.99 min

Lab File: BG043000.D

Acq: 3 Oct 2019 1:30

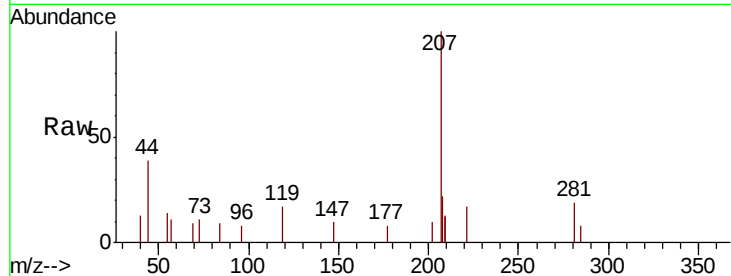
Instrument :

BNA_G

ClientSampleId :

DFTPP

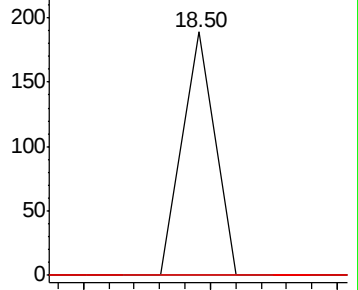
Tot Ion:	202	Resp:	67
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	27.3
203	0.0	0.0	39.5



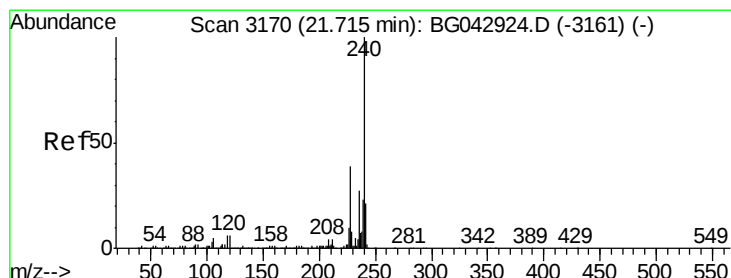
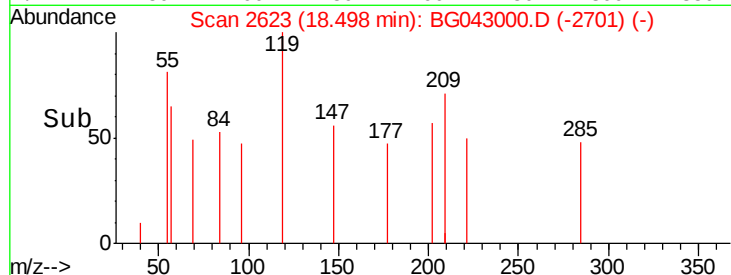
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

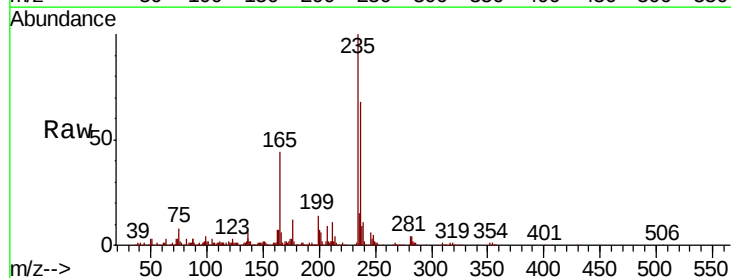
RT: 20.89 min Scan# 3030

Delta R.T. -0.83 min

Lab File: BG043000.D

Acq: 3 Oct 2019 1:30

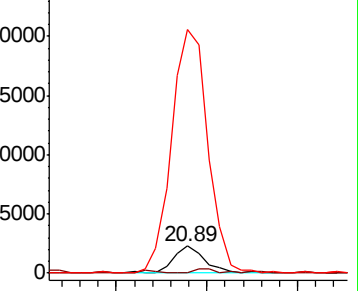
Tgt Ion:	240	Resp:	2747
Ion	Ratio	Lower	Upper
240	100		
120	0.0	4.8	7.2#
236	912.9	21.4	32.0#



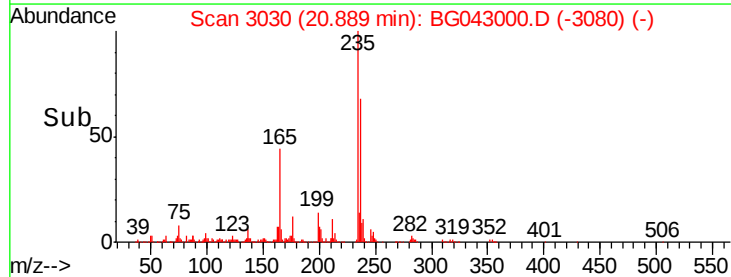
Abundance Ion 240.00 (239.70 to 240.70): E

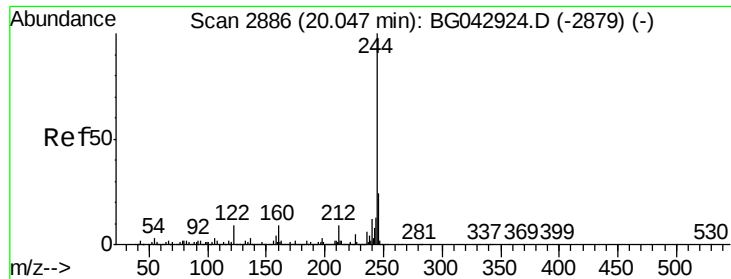
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#79

Terphenyl-d14

Concen: 4.127 ng

RT: 19.22 min Scan# 2746

Delta R.T. -0.83 min

Lab File: BG043000.D

Acq: 3 Oct 2019 1:30

Instrument :

BNA_G

ClientSampleId :

DFTPP

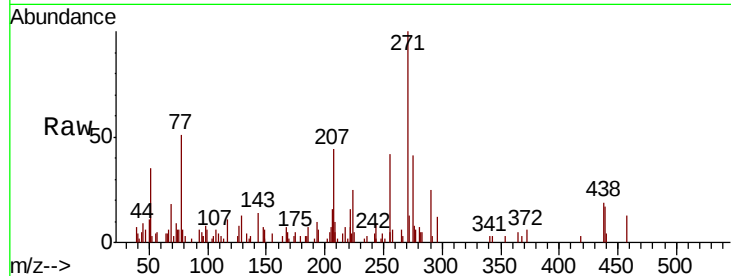
Tot Ion:244 Resp: 532

Ion Ratio Lower Upper

244 100

212 0.0 7.4 11.0#

122 0.0 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

800

600

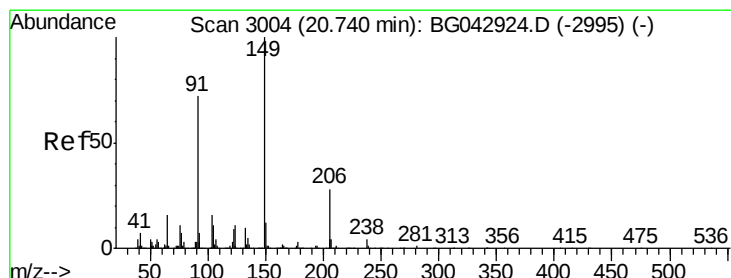
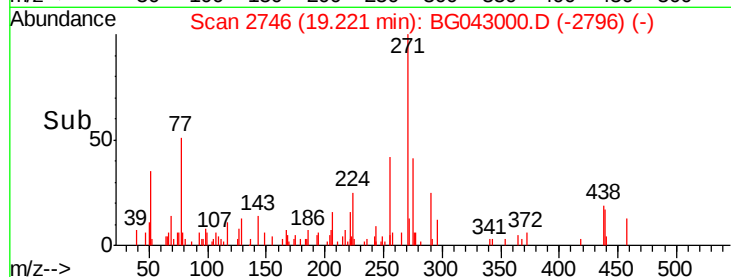
400

200

0

19.20 19.22 19.24

Time-->



#80

Butylbenzylphthalate

Concen: 8.420 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.80 min

Lab File: BG043000.D

Acq: 3 Oct 2019 1:30

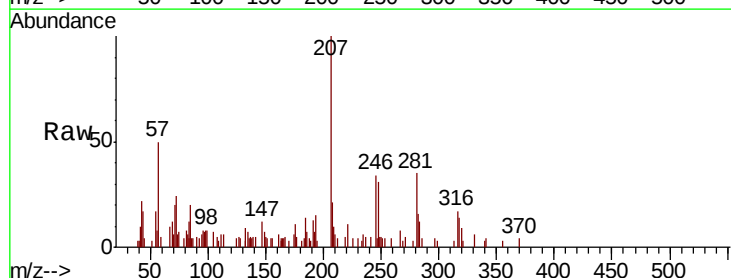
Tgt Ion:149 Resp: 524

Ion Ratio Lower Upper

149 100

91 67.3 57.7 86.5

206 0.0 22.6 33.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

600

500

400

300

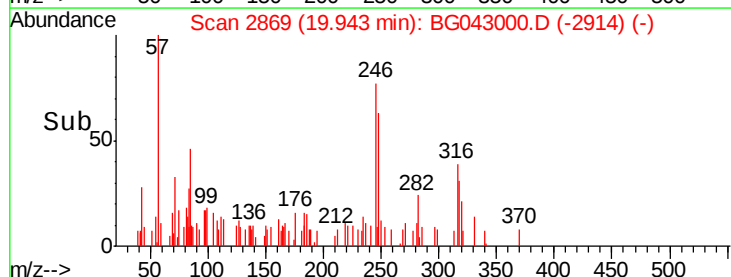
200

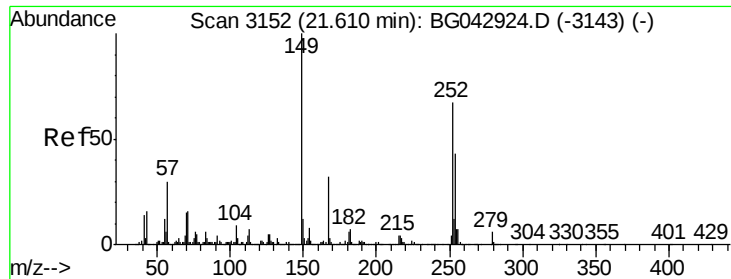
100

0

19.95

Time-->

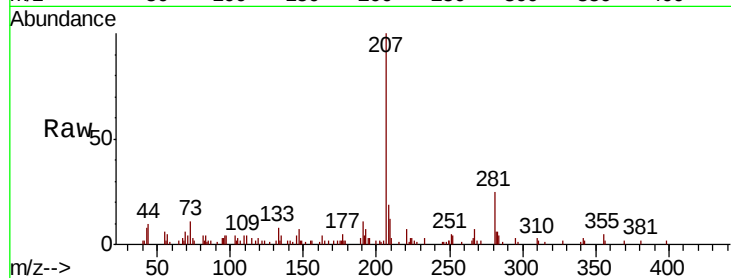




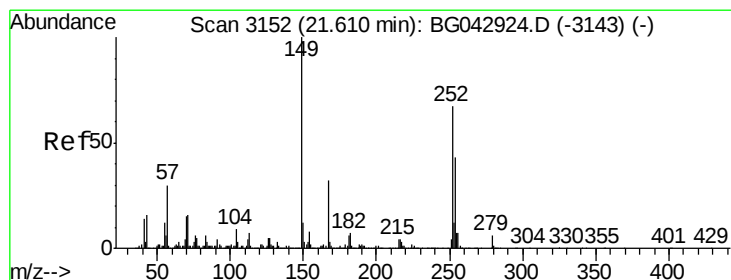
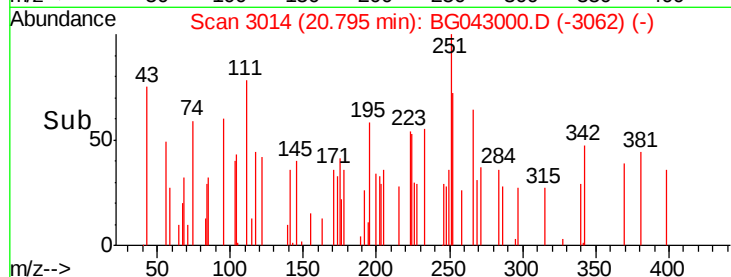
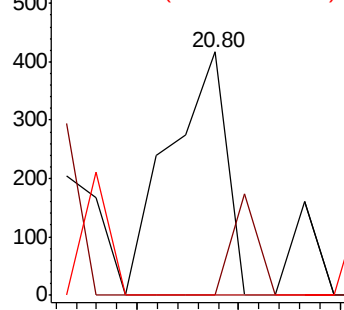
#82
 3,3'-Dichlorobenzidine
 Concen: 4.886 ng
 RT: 20.80 min Scan# 3014
 Delta R.T. -0.81 min
 Lab File: BG043000.D
 Acq: 3 Oct 2019 1:30

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tot Ion:252 Resp: 328
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.9 77.9#
 126 0.0 6.1 9.1#

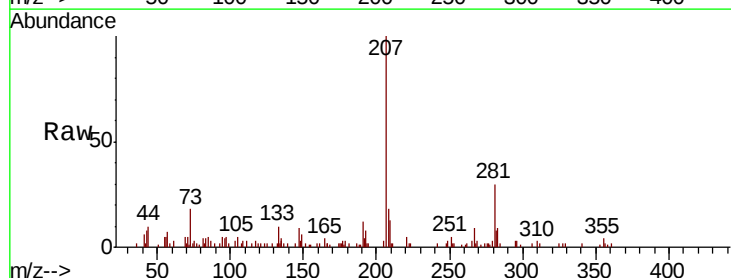


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

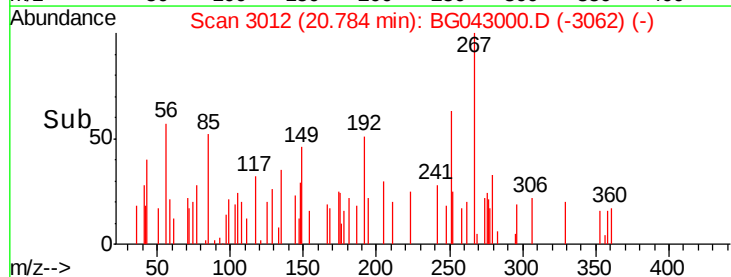
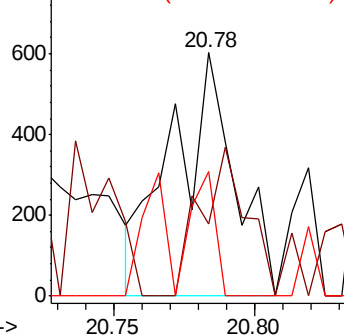


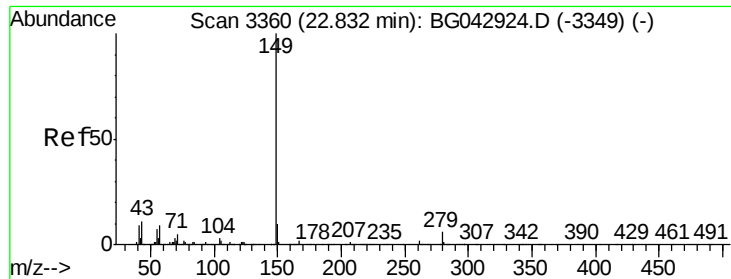
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 10.445 ng
 RT: 20.78 min Scan# 3012
 Delta R.T. -0.83 min
 Lab File: BG043000.D
 Acq: 3 Oct 2019 1:30

Tgt Ion:149 Resp: 925
 Ion Ratio Lower Upper
 149 100
 167 29.5 25.4 38.2
 279 51.1 5.1 7.7#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

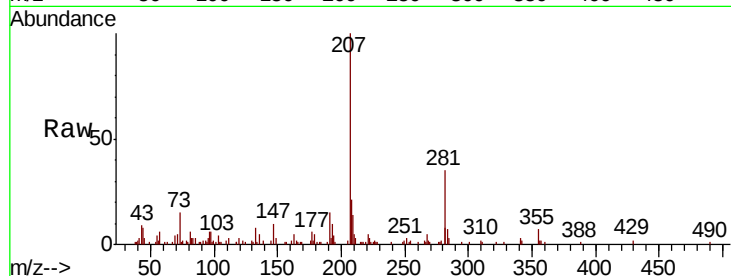




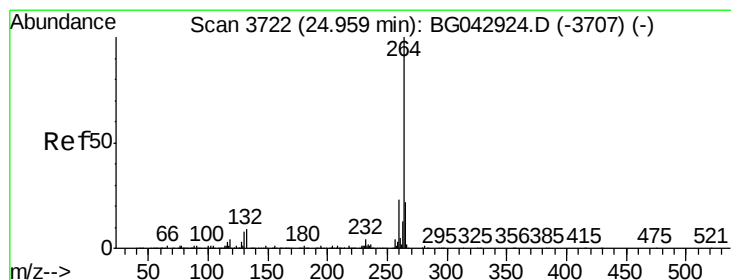
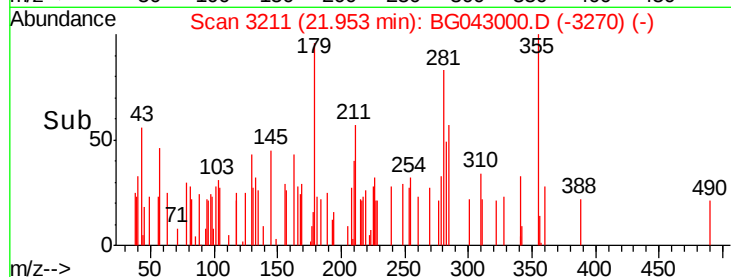
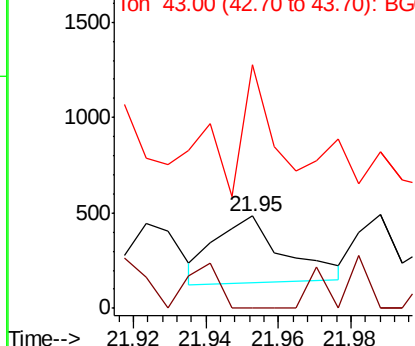
#85
Di-n-octyl phthalate
Concen: 3.218 ng
RT: 21.95 min Scan# 3211
Delta R.T. -0.88 min
Lab File: BG043000.D
Acq: 3 Oct 2019 1:30

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tot Ion:149 Resp: 466
Ion Ratio Lower Upper
149 100
167 30.5 1.4 2.0#
43 81.8 8.7 13.1#

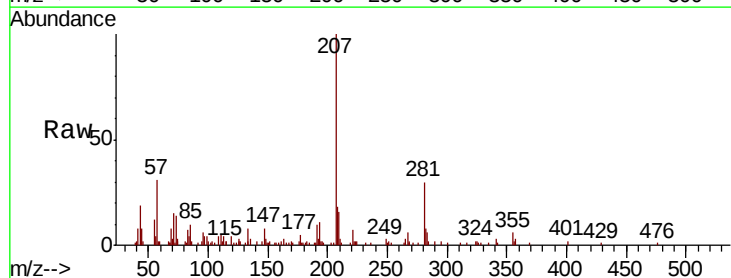


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

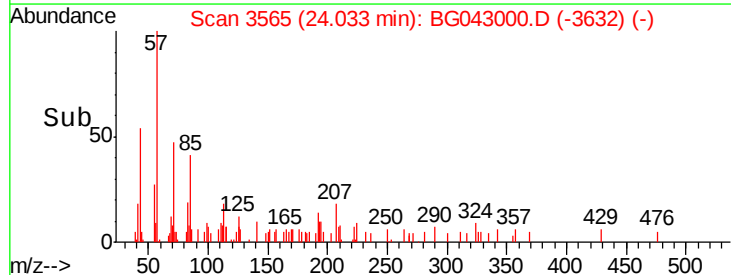
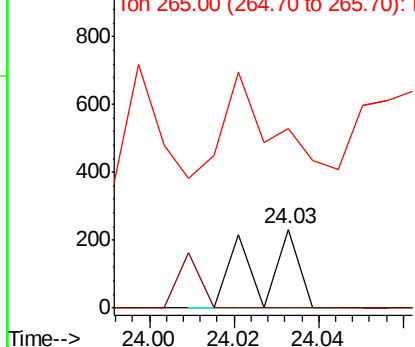


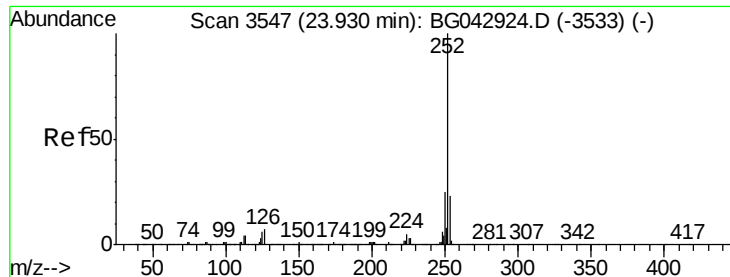
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.03 min Scan# 3565
Delta R.T. -0.93 min
Lab File: BG043000.D
Acq: 3 Oct 2019 1:30

Tgt Ion:264 Resp: 158
Ion Ratio Lower Upper
264 100
260 0.0 18.7 28.1#
265 228.9 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





#88

Benzo(b)fluoranthene

Concen: 14.765 ng

RT: 23.05 min Scan# 3397

Delta R.T. -0.88 min

Lab File: BG043000.D

Acq: 3 Oct 2019 1:30

Instrument :

BNA_G

ClientSampleId :

DFTPP

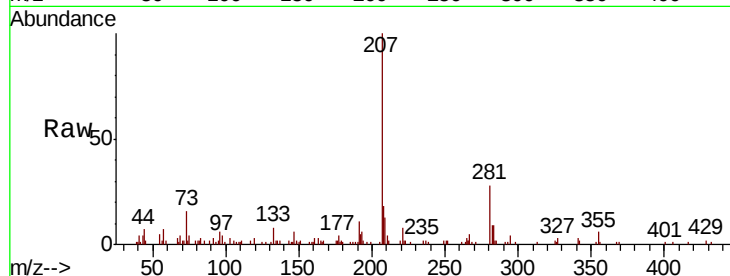
Tot Ion:252 Resp: 132

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.2#

125 53.9 4.6 7.0#

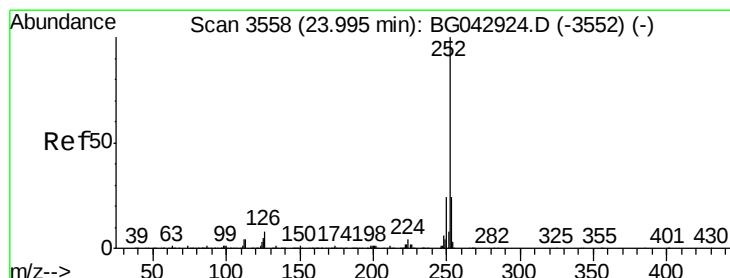
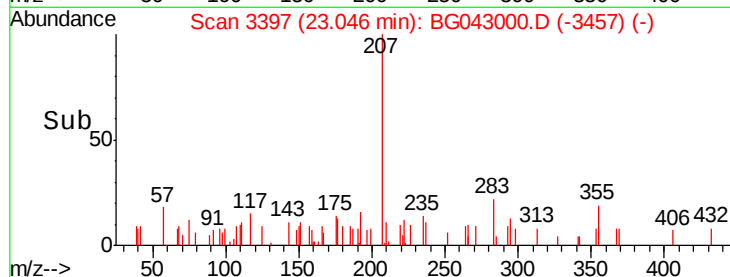
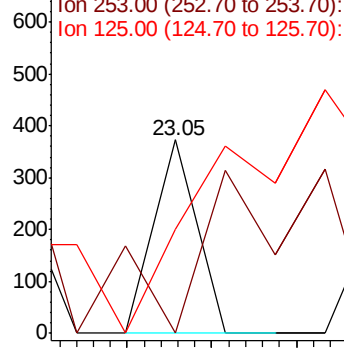


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 17.413 ng

RT: 23.11 min Scan# 3408

Delta R.T. -0.88 min

Lab File: BG043000.D

Acq: 3 Oct 2019 1:30

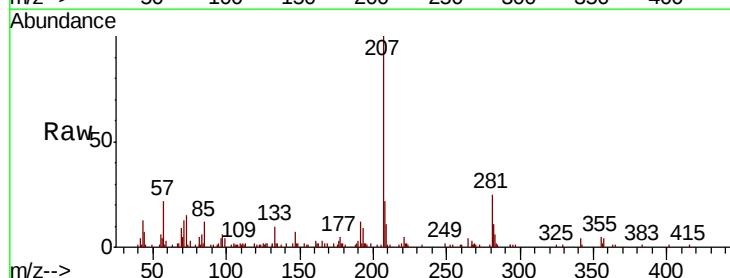
Tgt Ion:252 Resp: 154

Ion Ratio Lower Upper

252 100

253 0.0 18.9 28.3#

125 135.0 4.5 6.7#

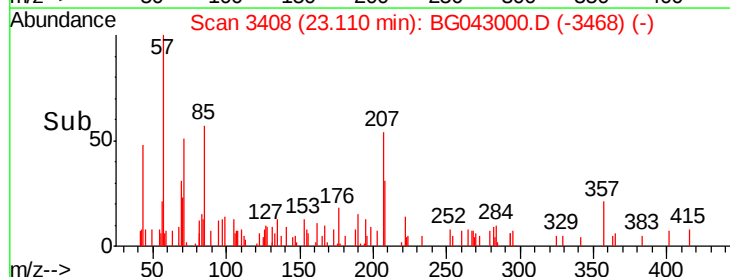
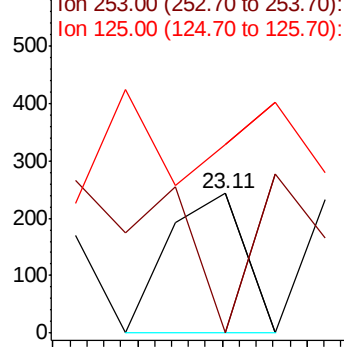


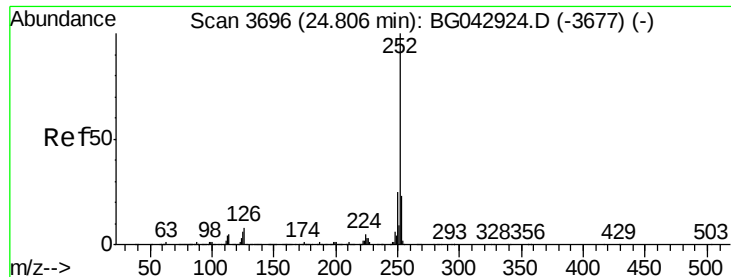
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 61.414 ng

RT: 23.90 min Scan# 3543

Delta R.T. -0.90 min

Lab File: BG043000.D

Acq: 3 Oct 2019 1:30

Instrument :

BNA_G

ClientSampleId :

DFTPP

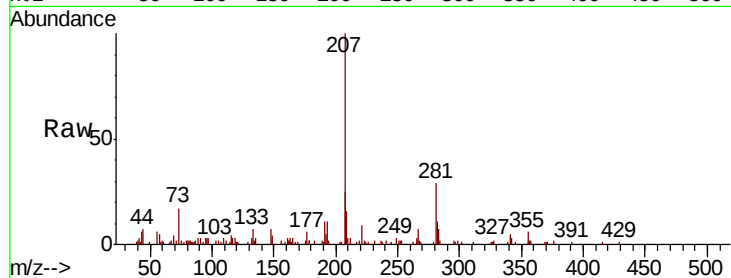
Tot Ion:252 Resp: 518

Ion Ratio Lower Upper

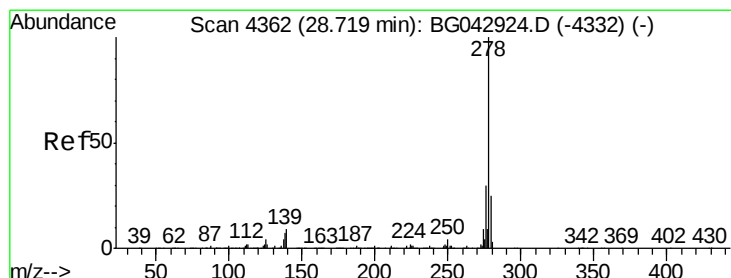
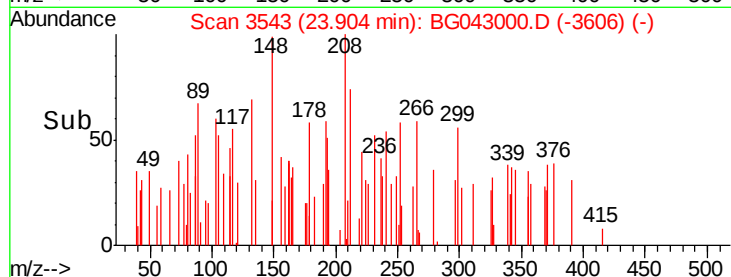
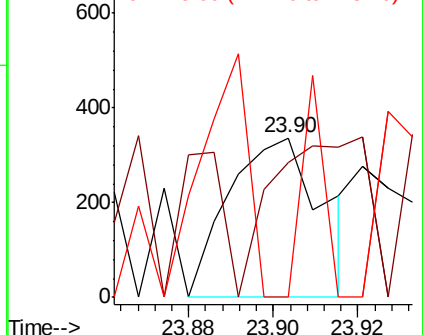
252 100

253 84.3 18.2 27.4#

125 0.0 5.0 7.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 13.296 ng

RT: 27.72 min Scan# 4193

Delta R.T. -1.00 min

Lab File: BG043000.D

Acq: 3 Oct 2019 1:30

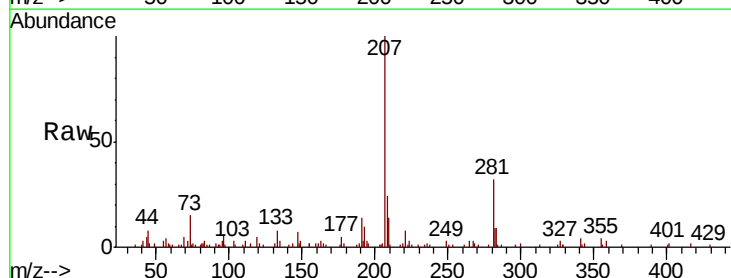
Tgt Ion:278 Resp: 115

Ion Ratio Lower Upper

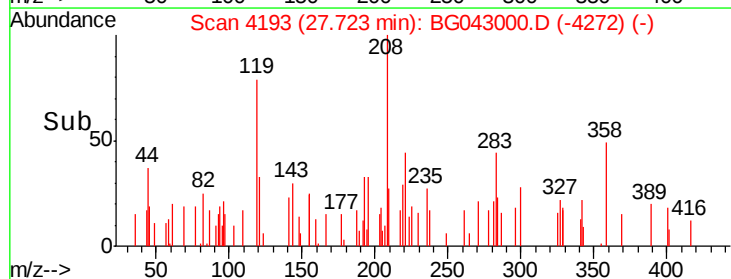
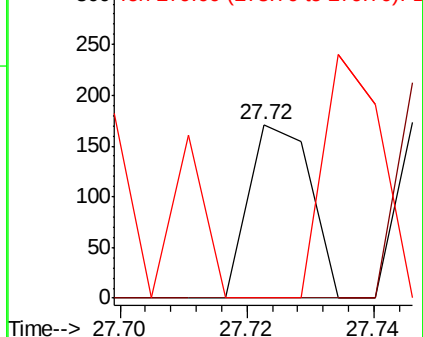
278 100

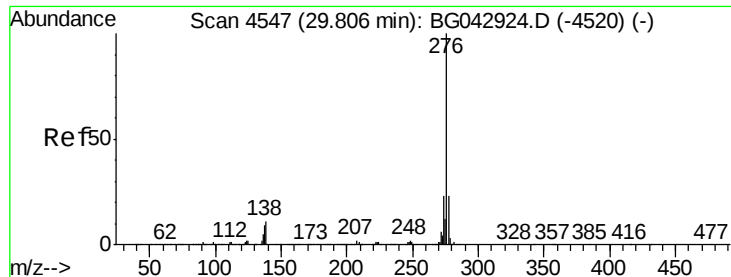
139 0.0 6.8 10.2#

279 0.0 20.1 30.1#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 10.143 ng

RT: 28.73 min Scan# 4364

Delta R.T. -1.08 min

Lab File: BG043000.D

Acq: 3 Oct 2019 1:30

Instrument :

BNA_G

ClientSampleId :

DFTPP

Tot Ion: 276 Resp: 85

Ion Ratio Lower Upper

276 100

277 78.9 18.4 27.6#

138 0.0 8.6 12.8#

