

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
 Data File : BG043609.D
 Acq On : 12 Nov 2019 8:41
 Operator : JU
 Sample : K5762-04MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 12 10:23:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	43303	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	165868	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	118142	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	252427	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	225252	20.00	ng	-0.01
87) Perylene-d12	24.83	264	273070	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	150804	63.82	ng	0.01
7) Phenol-d6	7.21	99	148138	43.57	ng	0.01
23) Nitrobenzene-d5	9.17	82	263990	82.05	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	166493	74.05	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	692784	81.03	ng	0.00
79) Terphenyl-d14	19.99	244	999364	83.23	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	18577	20.173	ng	# 90
3) Pyridine	3.86	79	36947	15.905	ng	96
4) n-Nitrosodimethylamine	3.78	42	30963	26.414	ng	# 85
6) Aniline	7.33	93	17233	4.400	ng	# 74
8) 2-Chlorophenol	7.58	128	112553	43.147	ng	98
9) Benzaldehyde	7.14	77	66252	39.651	ng	95
10) Phenol	7.24	94	96696	31.123	ng	95
11) bis(2-Chloroethyl)ether	7.42	93	93993	39.130	ng	99
12) 1,3-Dichlorobenzene	7.89	146	111604	34.147	ng	97
13) 1,4-Dichlorobenzene	8.04	146	117543	35.546	ng	98
14) 1,2-Dichlorobenzene	8.35	146	112201	34.751	ng	93
15) Benzyl Alcohol	8.25	79	93077	38.980	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.52	45	126979	36.355	ng	98
17) 2-Methylphenol	8.48	107	90022	39.746	ng	98
18) Hexachloroethane	9.08	117	40905	34.286	ng	98
19) n-Nitroso-di-n-propylamine	8.81	70	84036	38.250	ng	# 96
20) 3+4-Methylphenols	8.81	107	115947	37.333	ng	# 87
22) Acetophenone	8.82	105	172584	40.630	ng	# 92
24) Nitrobenzene	9.21	77	165759	54.084	ng	# 98
25) Isophorone	9.73	82	238646	40.571	ng	99
26) 2-Nitrophenol	9.92	139	72655	49.102	ng	95
27) 2,4-Dimethylphenol	10.00	122	91704	43.241	ng	97
28) bis(2-Chloroethoxy)methane	10.21	93	127942	39.410	ng	99
29) 2,4-Dichlorophenol	10.48	162	128200	47.180	ng	95
30) 1,2,4-Trichlorobenzene	10.67	180	129844	37.913	ng	96
31) Naphthalene	10.86	128	348007	41.334	ng	98
32) Benzoic acid	10.17	122	35419	26.798	ng	97
33) 4-Chloroaniline	10.99	127	14316	4.148	ng	# 90
34) Hexachlorobutadiene	11.14	225	90539	35.763	ng	95
35) Caprolactam	11.77	113	11176	11.942	ng	94
36) 4-Chloro-3-methylphenol	12.12	107	130535	44.040	ng	100
37) 2-Methylnaphthalene	12.46	142	265617	41.117	ng	99
38) 1-Methylnaphthalene	12.68	142	252417	41.066	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	172566	39.468	ng	99

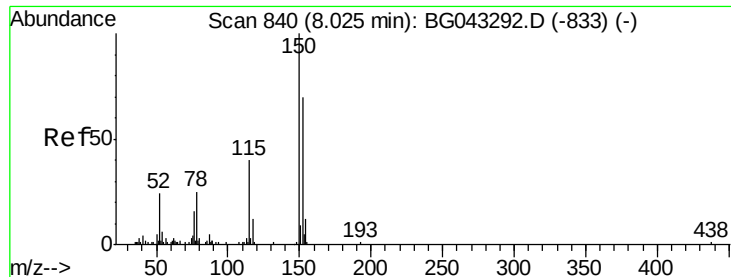
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
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Quant Time: Nov 12 10:23:24 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	165667	72.130	ng	98
43) 2,4,6-Trichlorophenol	13.08	196	116827	45.372	ng	99
44) 2,4,5-Trichlorophenol	13.17	196	121926	46.838	ng	97
46) 1,1'-Biphenyl	13.46	154	392008	43.617	ng	97
47) 2-Chloronaphthalene	13.51	162	275019	40.217	ng	98
48) 2-Nitroaniline	13.72	65	36196	17.710	ng	97
49) Acenaphthylene	14.36	152	435924	40.959	ng	100
50) Dimethylphthalate	14.09	163	460251	50.296	ng	99
51) 2,6-Dinitrotoluene	14.21	165	83527	42.015	ng	98
52) Acenaphthene	14.70	154	266786	41.104	ng	98
53) 3-Nitroaniline	14.55	138	12313	6.415	ng	86
54) 2,4-Dinitrophenol	14.76	184	106107	84.974	ng	93
55) Dibenzofuran	15.03	168	438080	41.622	ng	97
56) 4-Nitrophenol	14.92	139	60975	47.405	ng	97
57) 2,4-Dinitrotoluene	15.00	165	114683	40.366	ng	# 99
58) Fluorene	15.68	166	363049	41.126	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	112092	40.529	ng	94
60) Diethylphthalate	15.45	149	374840	40.767	ng	100
61) 4-Chlorophenyl-phenylether	15.67	204	209771	40.733	ng	99
62) 4-Nitroaniline	15.72	138	4481	2.261	ng	92
63) Azobenzene	15.96	77	300738	40.414	ng	95
65) 4,6-Dinitro-2-methylphenol	15.77	198	69232	46.604	ng	96
66) n-Nitrosodiphenylamine	15.89	169	313431	43.980	ng	96
67) 4-Bromophenyl-phenylether	16.57	248	145854	42.935	ng	97
68) Hexachlorobenzene	16.69	284	161756	41.482	ng	100
69) Atrazine	16.84	200	118958	48.037	ng	96
70) Pentachlorophenol	17.04	266	139576	78.553	ng	97
71) Phenanthrene	17.42	178	527552	40.813	ng	99
72) Anthracene	17.51	178	539371	41.706	ng	99
73) Carbazole	17.79	167	424287	36.228	ng	99
74) Di-n-butylphthalate	18.34	149	545442	38.383	ng	# 99
75) Fluoranthene	19.43	202	595772	35.354	ng	99
77) Benzidine	19.87	184	673	0.148	ng	# 1
78) Pyrene	19.79	202	595409	42.704	ng	99
80) Butylbenzylphthalate	20.67	149	220458	41.735	ng	95
81) Benzo(a)anthracene	21.63	228	616140	43.668	ng	99
82) 3,3'-Dichlorobenzidine	21.51	252	209	0.038	ng	# 7
83) Chrysene	21.69	228	594084	42.377	ng	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	331441	44.170	ng	99
85) Di-n-octyl phthalate	22.72	149	570043	44.778	ng	98
86) Indeno(1,2,3-cd)pyrene	28.47	276	791200	44.961	ng	99
88) Benzo(b)fluoranthene	23.82	252	646147	41.779	ng	99
89) Benzo(k)fluoranthene	23.89	252	660227	42.405	ng	100
90) Benzo(a)pyrene	24.68	252	586754	39.729	ng	99
91) Dibenzo(a,h)anthracene	28.52	278	669857	44.343	ng	100
92) Benzo(g,h,i)perylene	29.61	276	663350	44.518	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampleId :

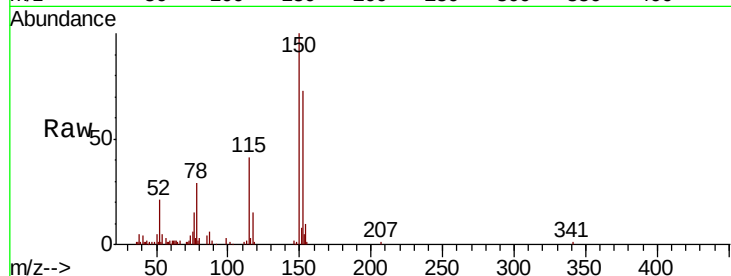
Tot Ion:152 Resp: 43303

Ion Ratio Lower Upper

152 100

150 137.4 129.4 194.0

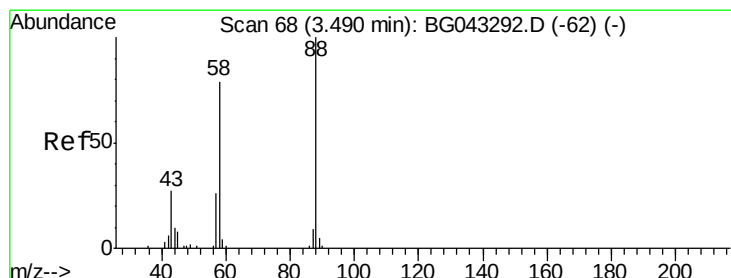
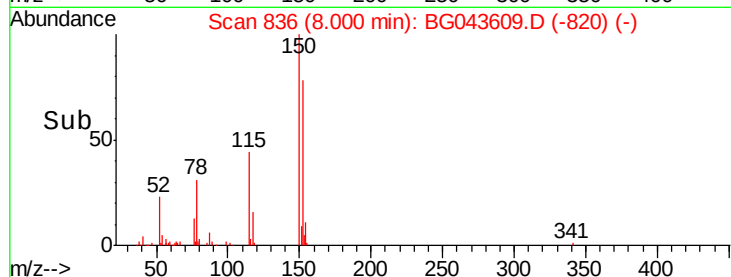
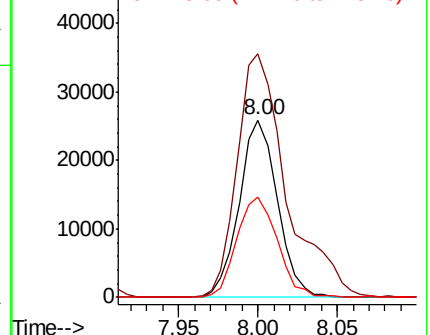
115 56.9 48.8 73.2



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



#2

1,4-Dioxane

Concen: 20.173 ng

RT: 3.46 min Scan# 63

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

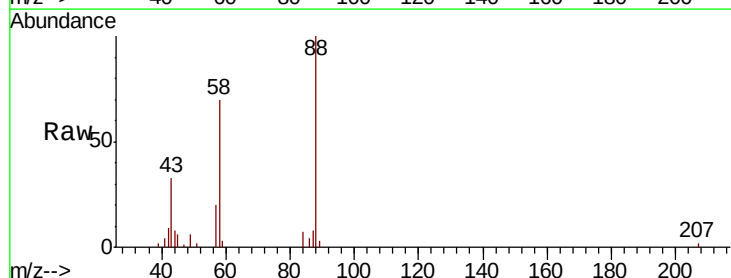
Tgt Ion: 88 Resp: 18577

Ion Ratio Lower Upper

88 100

58 82.8 62.7 94.1

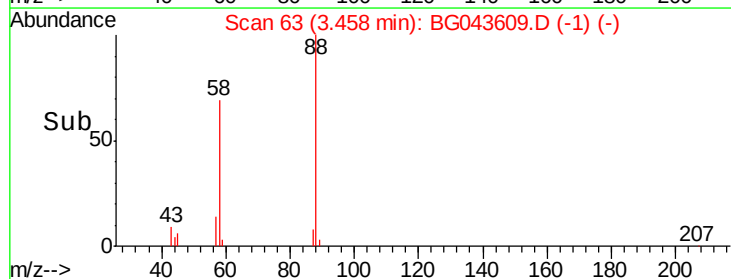
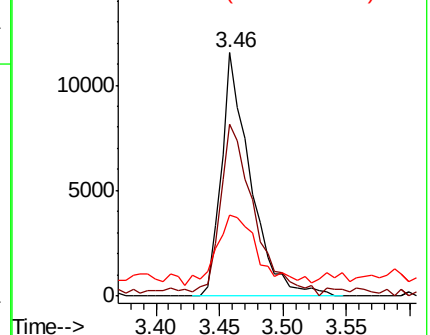
43 41.7 23.7 35.5#

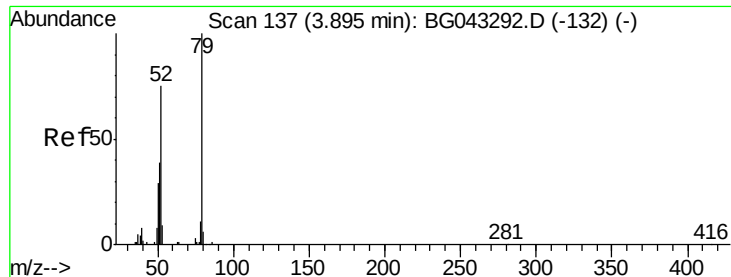


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 15.905 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampled :

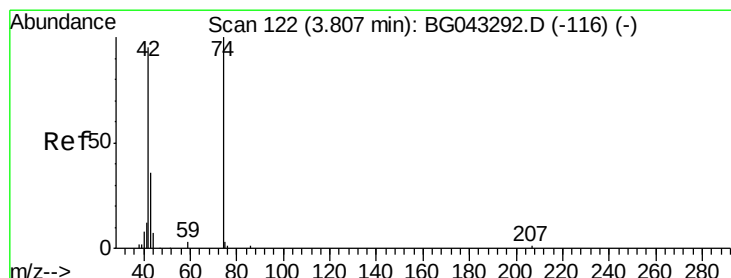
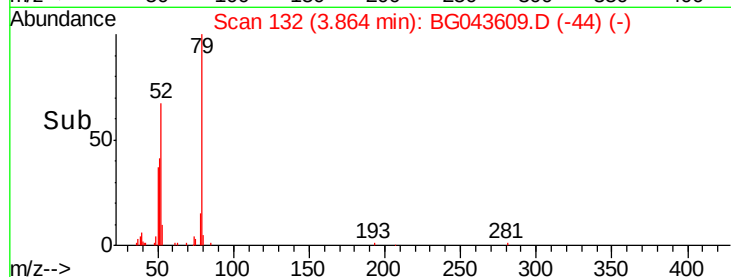
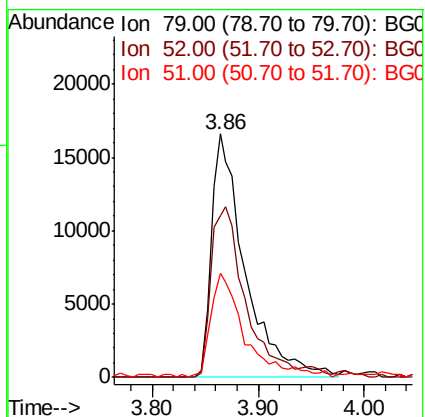
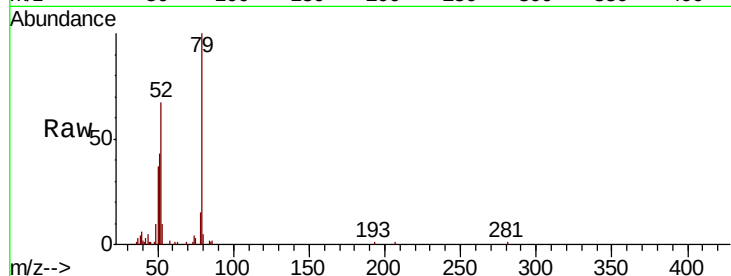
Tot Ion: 79 Resp: 36947

Ion Ratio Lower Upper

79 100

52 66.7 56.5 84.7

51 42.6 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 26.414 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

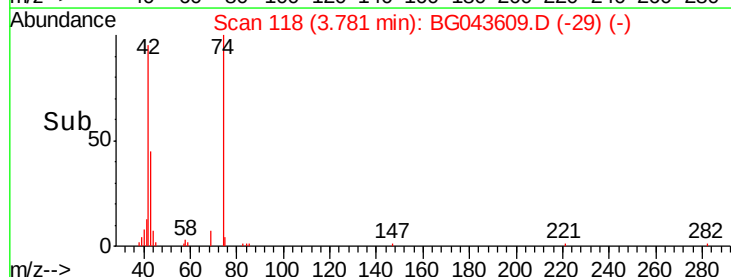
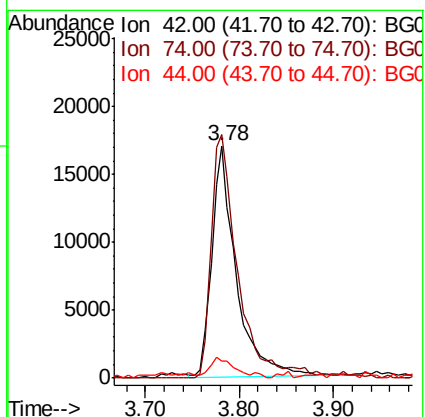
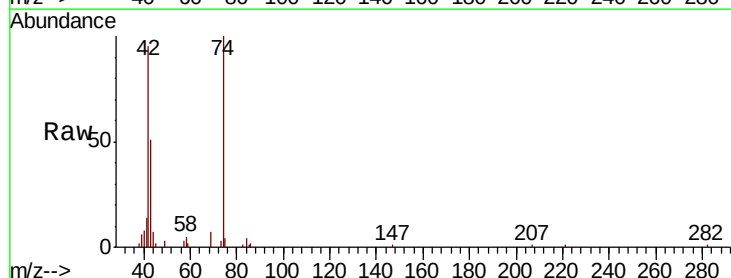
Tgt Ion: 42 Resp: 30963

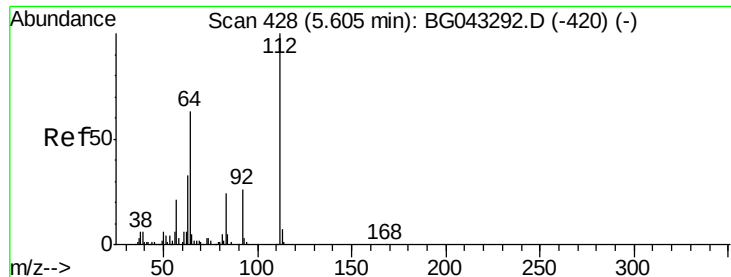
Ion Ratio Lower Upper

42 100

74 104.8 97.3 145.9

44 7.3 4.4 6.6#





#5

2-Fluorophenol

Concen: 63.816 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampled :

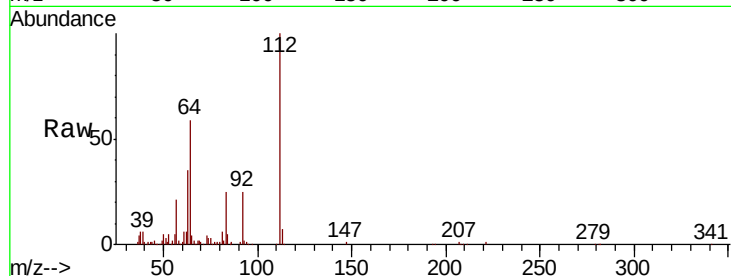
Tot Ion:112 Resp: 150804

Ion Ratio Lower Upper

112 100

64 59.3 50.0 75.0

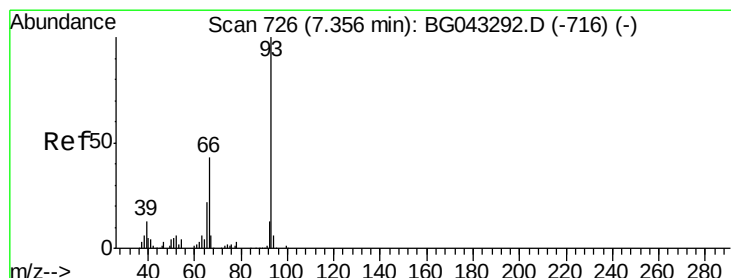
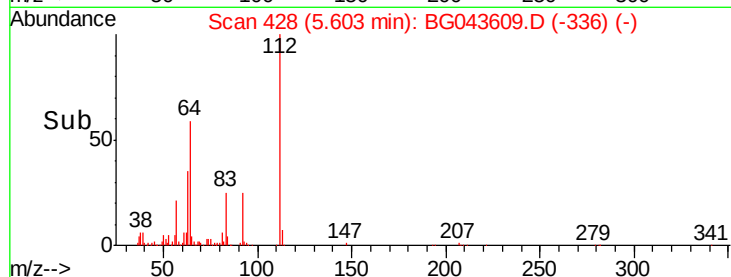
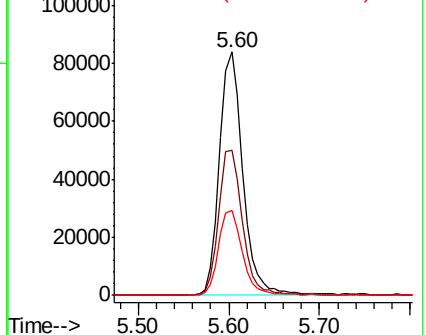
63 34.7 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 4.400 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

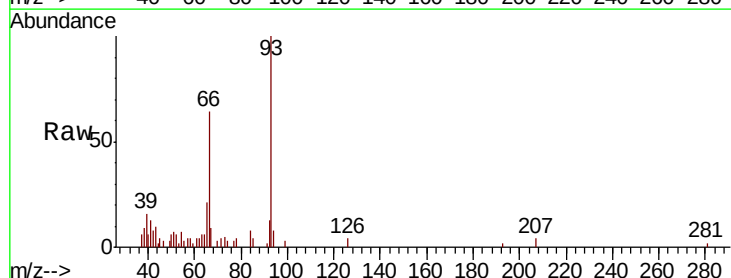
Tgt Ion: 93 Resp: 17233

Ion Ratio Lower Upper

93 100

66 63.9 32.3 48.5#

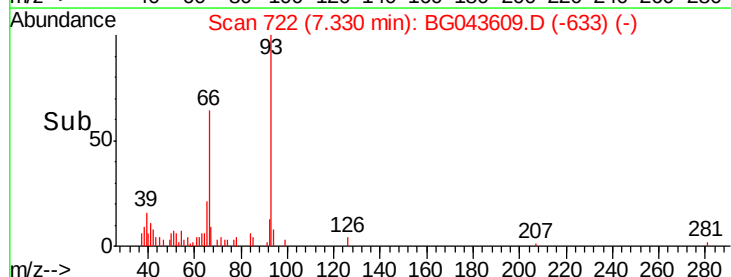
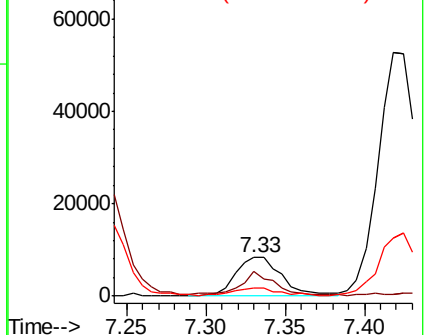
65 20.6 16.1 24.1

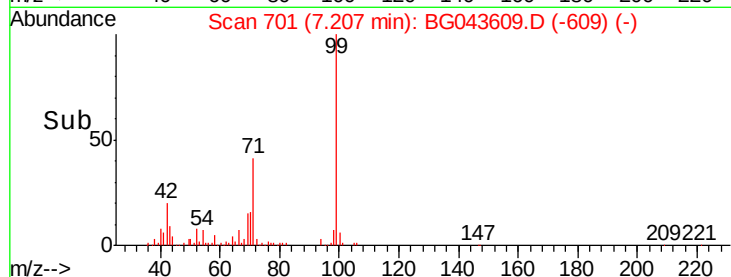
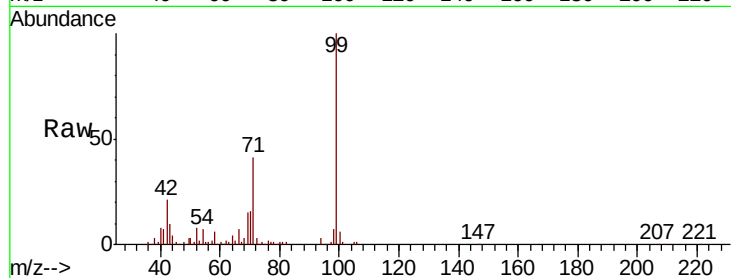
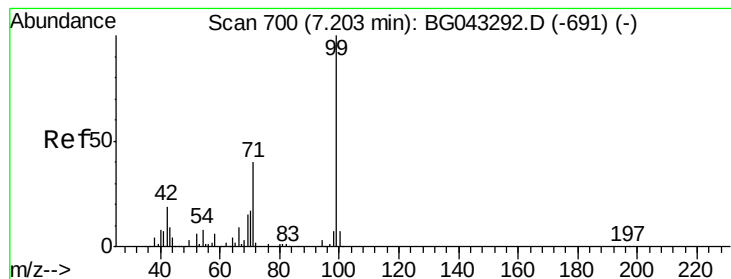


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 43.570 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampleId :

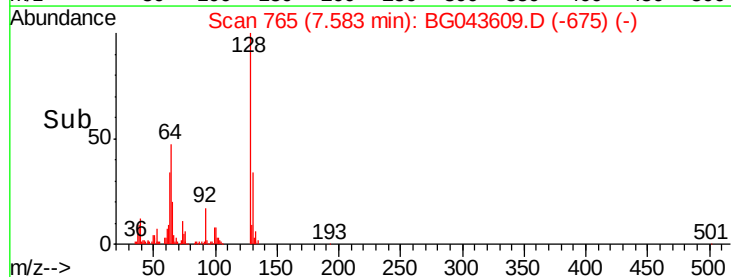
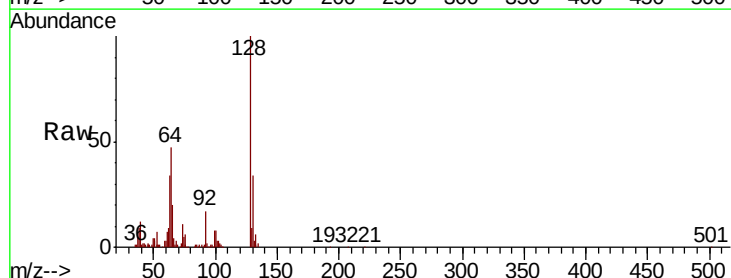
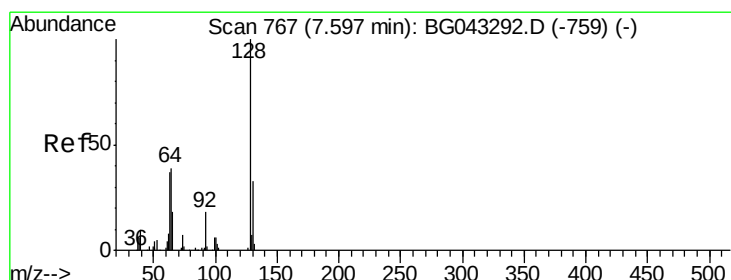
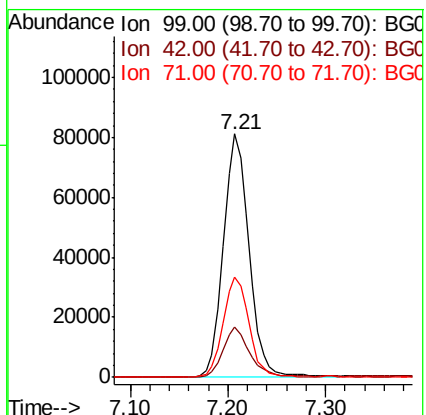
Tot Ion: 99 Resp: 148138

Ion Ratio Lower Upper

99 100

42 20.6 14.6 21.8

71 41.3 32.5 48.7



#8

2-Chlorophenol

Concen: 43.147 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

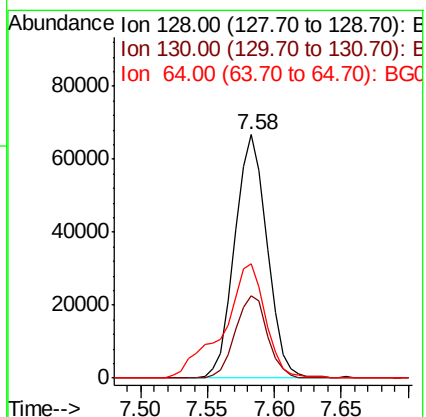
Tgt Ion: 128 Resp: 112553

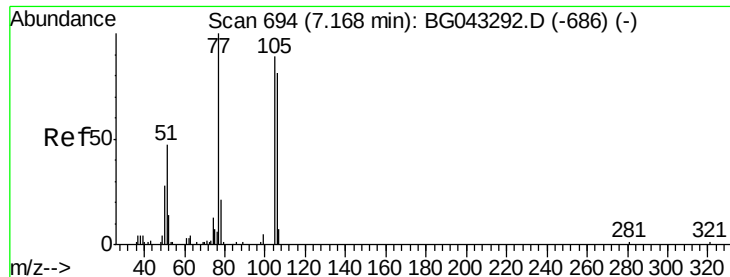
Ion Ratio Lower Upper

128 100

130 33.7 12.5 52.5

64 47.1 25.3 65.3





#9

Benzaldehyde

Concen: 39.651 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampled :

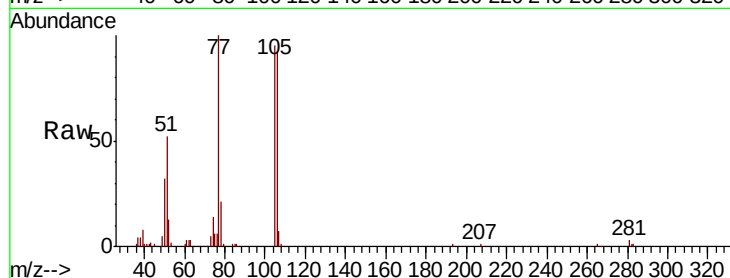
Tot Ion: 77 Resp: 66252

Ion Ratio Lower Upper

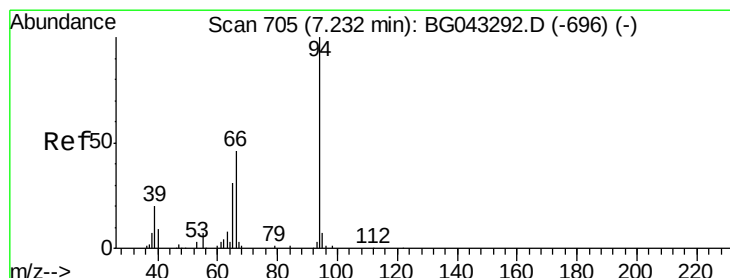
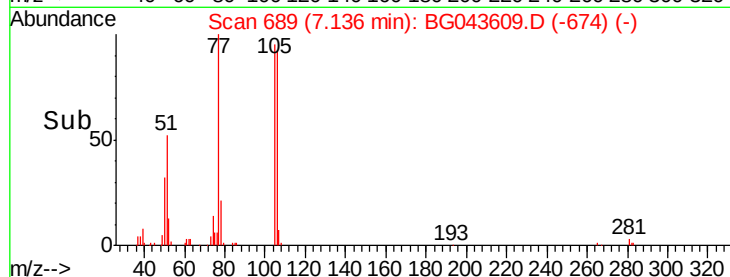
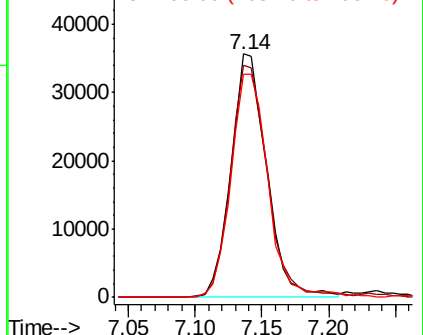
77 100

105 95.3 68.6 108.6

106 91.9 69.9 109.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 31.123 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.02 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

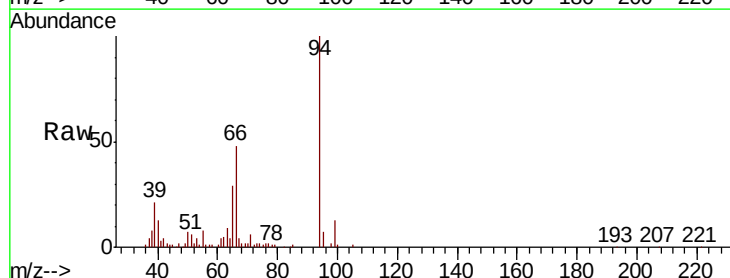
Tgt Ion: 94 Resp: 96696

Ion Ratio Lower Upper

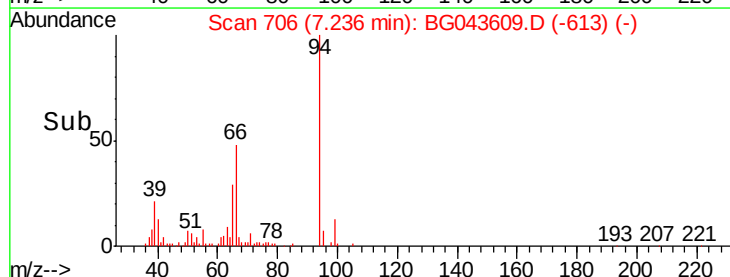
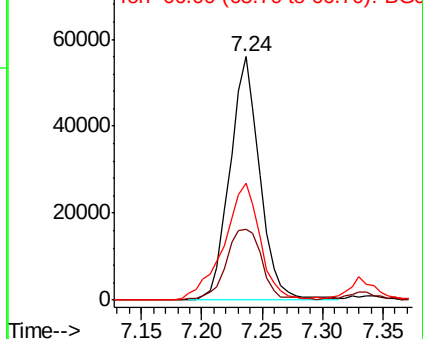
94 100

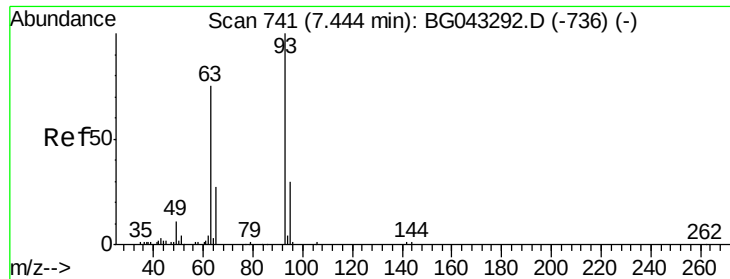
65 28.9 12.6 52.6

66 47.8 30.7 70.7



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

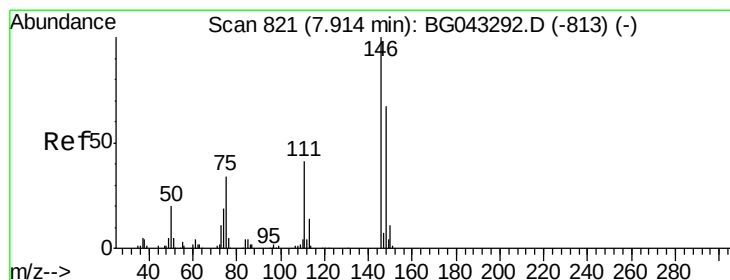
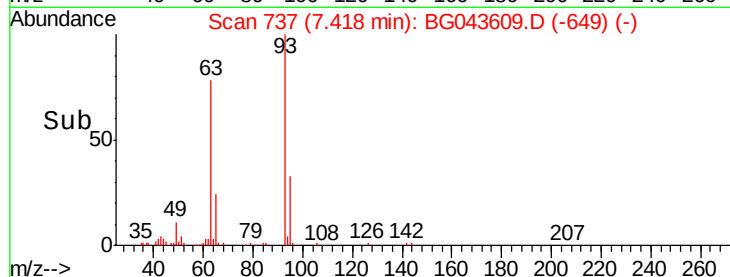
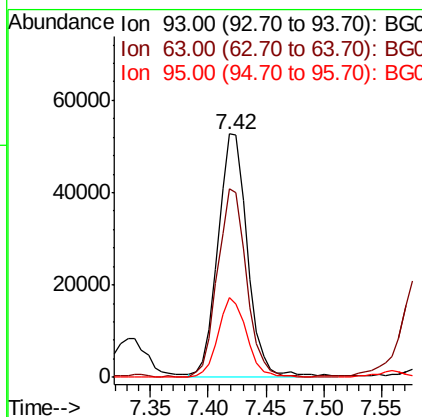
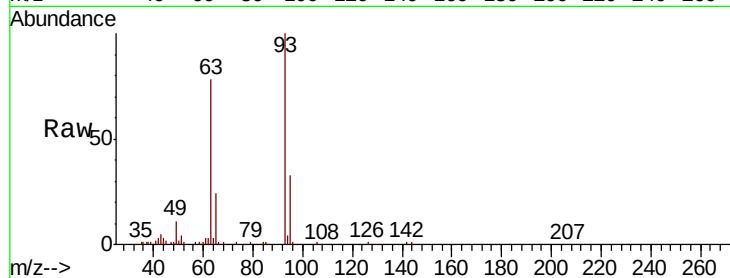




#11
bis(2-Chloroethyl)ether
Concen: 39.130 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

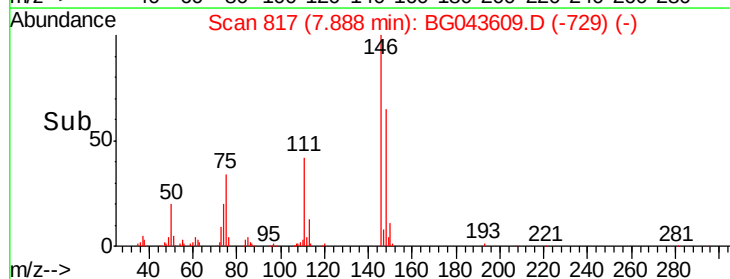
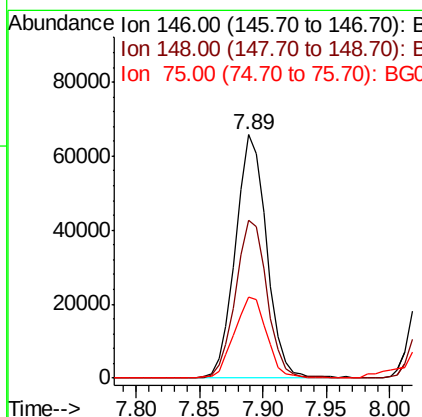
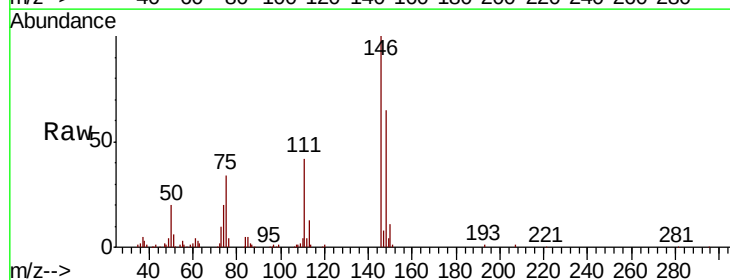
Instrument :
BNA_G
ClientSampleId :

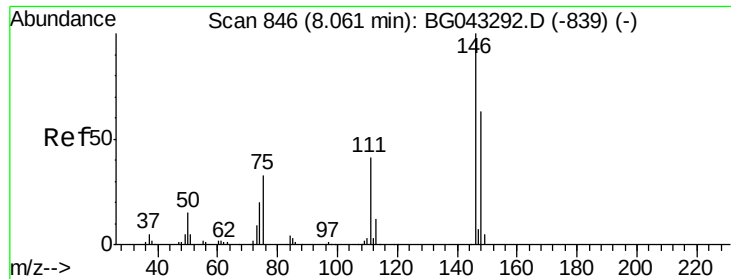
Tot Ion	93	Resp	93993
Ion Ratio	100	Lower	Upper
63	77.5	56.3	96.3
95	32.8	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 34.147 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	146	Resp	111604
Ion Ratio	100	Lower	Upper
148	64.6	50.3	75.5
75	33.6	24.6	37.0

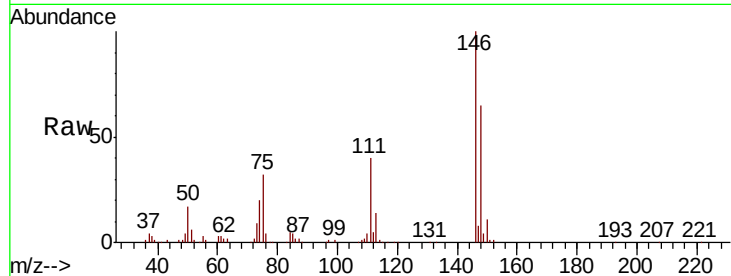




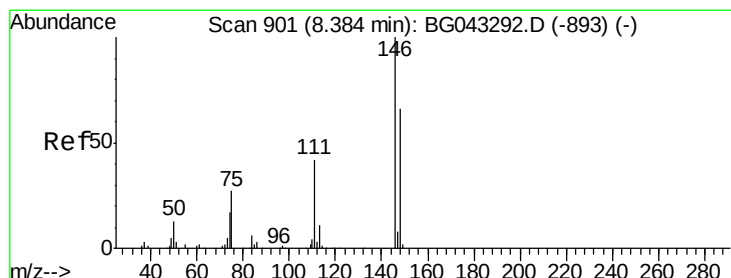
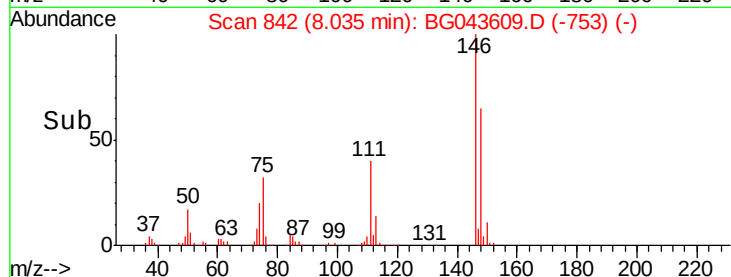
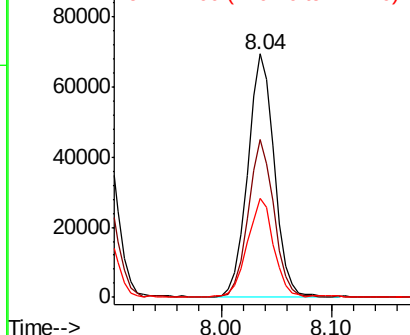
#13
 1,4-Dichlorobenzene
 Concen: 35.546 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 117543
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.7 76.1
 111 40.5 33.4 50.2

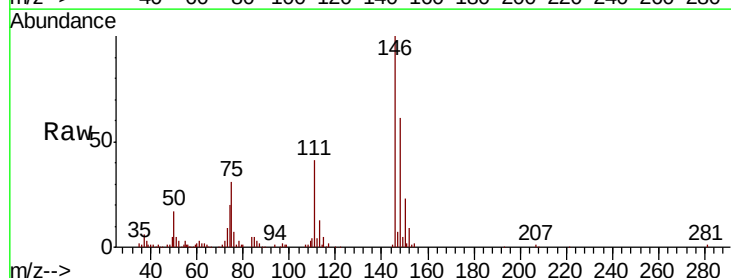


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

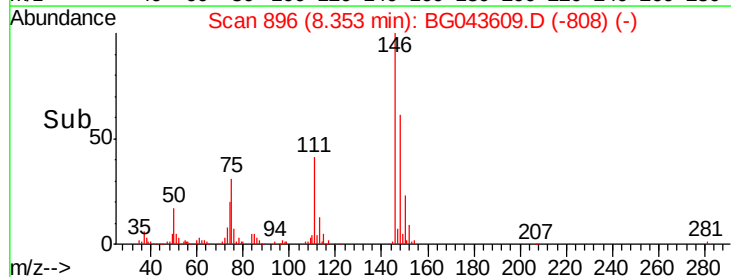
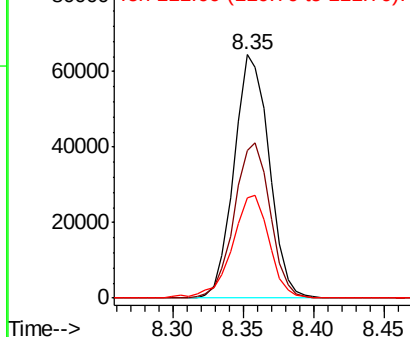


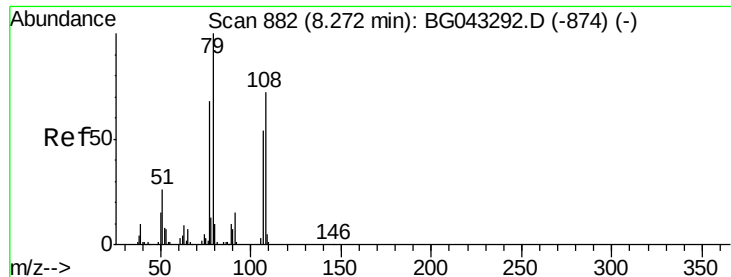
#14
 1,2-Dichlorobenzene
 Concen: 34.751 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

Tgt Ion:146 Resp: 112201
 Ion Ratio Lower Upper
 146 100
 148 60.8 53.2 79.8
 111 41.0 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.980 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampleId :

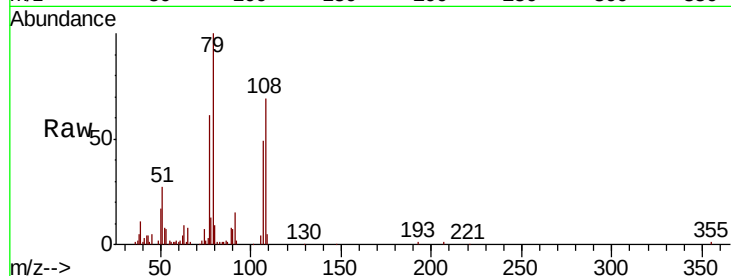
Tot Ion: 79 Resp: 93077

Ion Ratio Lower Upper

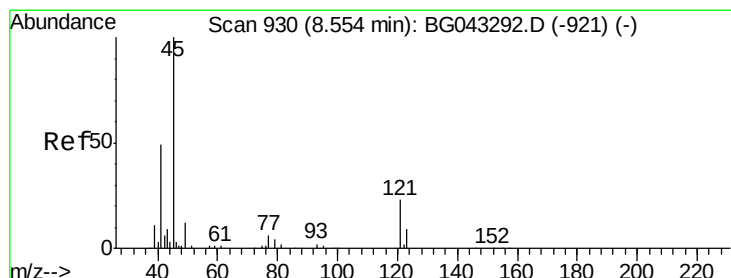
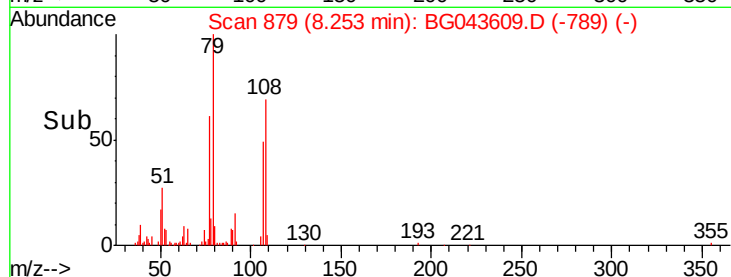
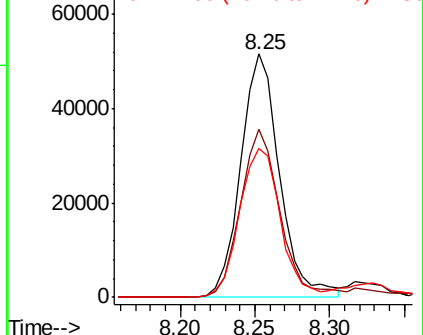
79 100

108 68.8 53.6 80.4

77 61.0 49.6 74.4



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.355 ng

RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

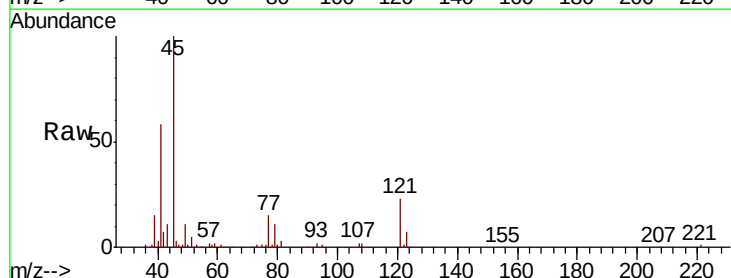
Tgt Ion: 45 Resp: 126979

Ion Ratio Lower Upper

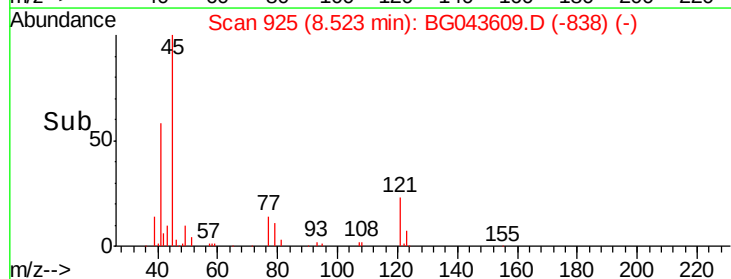
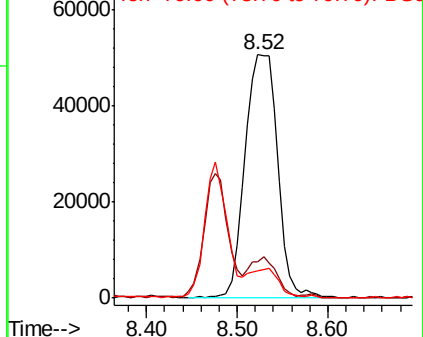
45 100

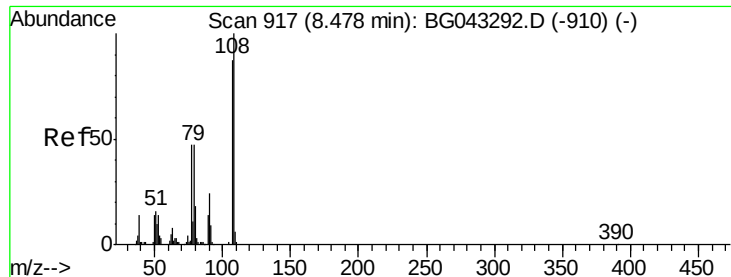
77 15.1 0.0 34.9

79 11.2 0.0 33.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 39.746 ng

RT: 8.48 min Scan# 917

Delta R.T. 0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 90022

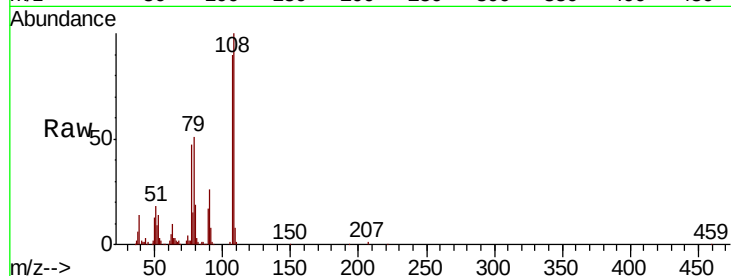
Ion Ratio Lower Upper

107 100

108 111.7 90.2 135.4

77 52.2 40.2 60.2

79 56.7 44.0 66.0

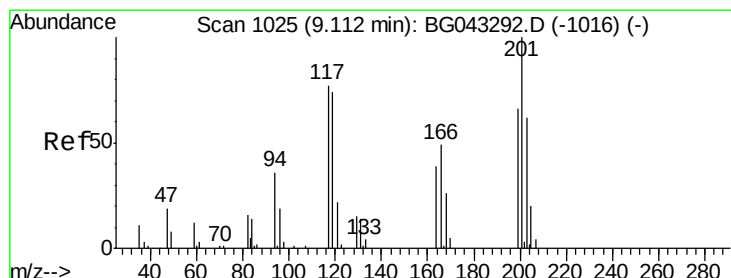
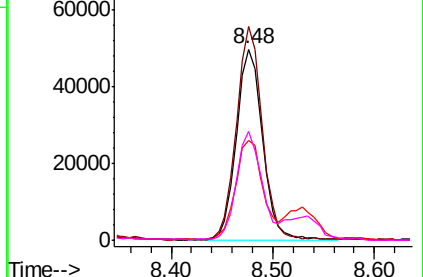
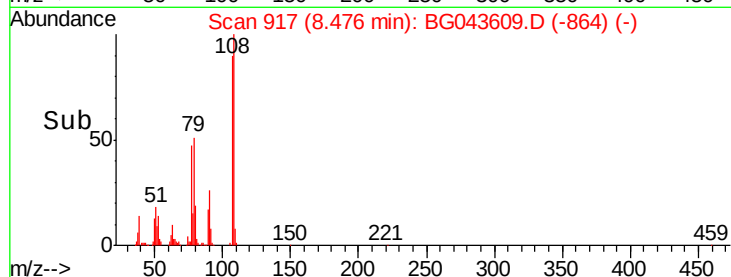


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 34.286 ng

RT: 9.08 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

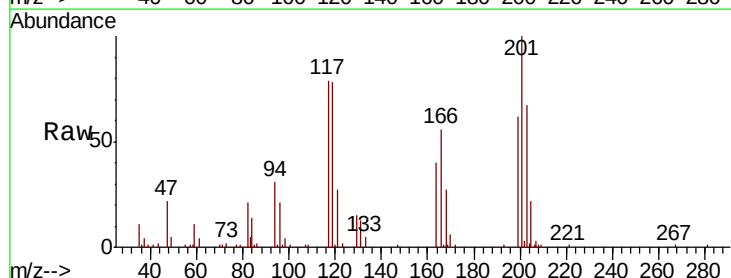
Tgt Ion:117 Resp: 40905

Ion Ratio Lower Upper

117 100

119 98.8 79.0 118.4

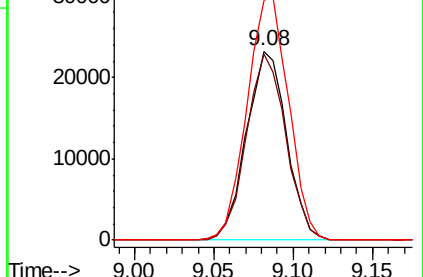
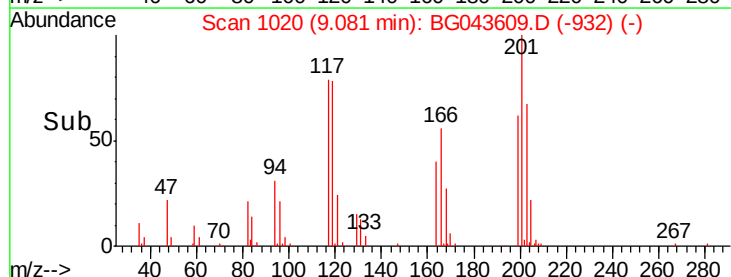
201 127.4 105.4 158.2

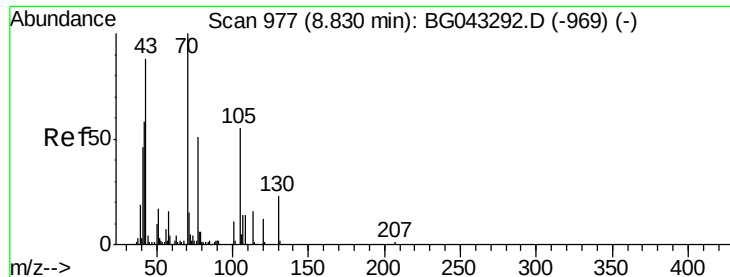


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

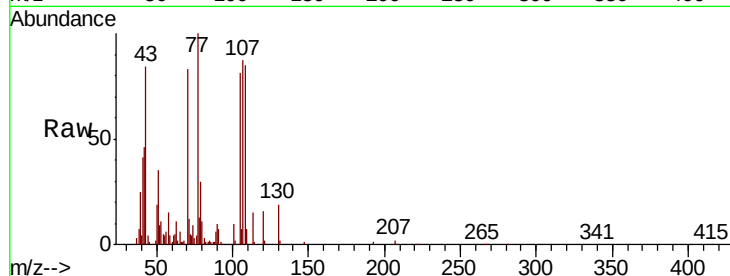




#19
n-Nitroso-di-n-propylamine
Concen: 38.250 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.8	41.4	62.2
101	12.0	7.9	11.9#
130	22.7	19.0	28.4



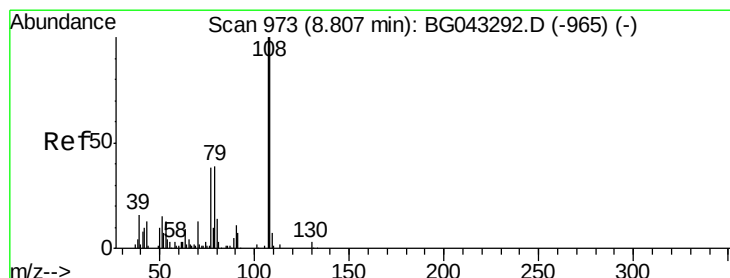
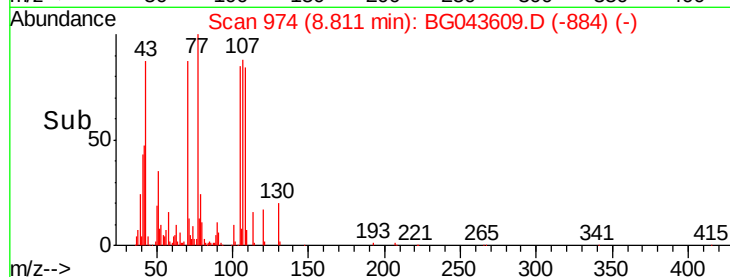
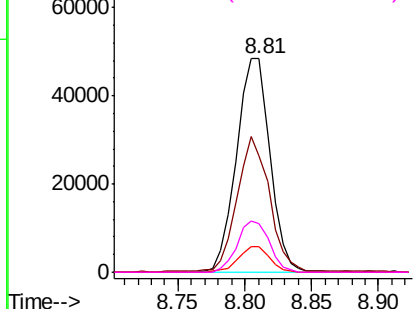
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

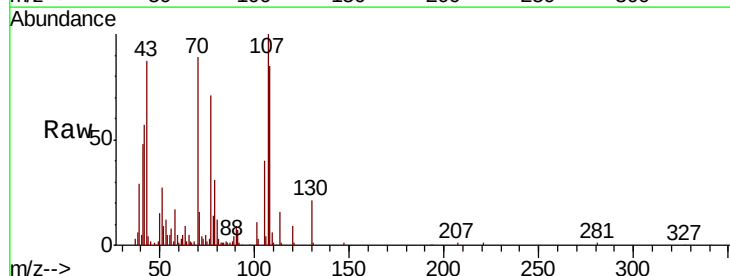
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 37.333 ng
RT: 8.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.3	66.6	106.6
77	70.7	20.9	60.9#
79	31.5	11.3	51.3



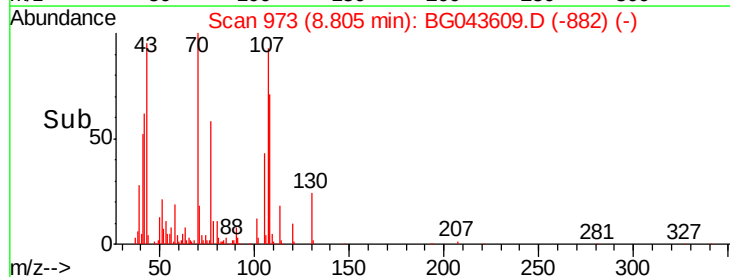
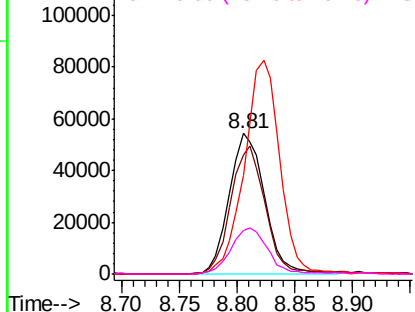
Abundance

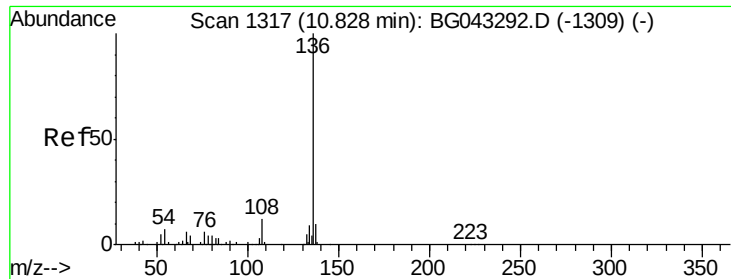
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

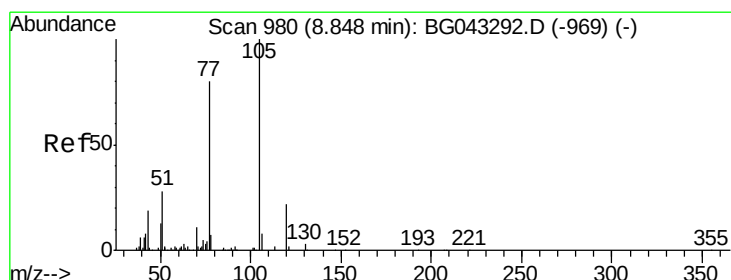
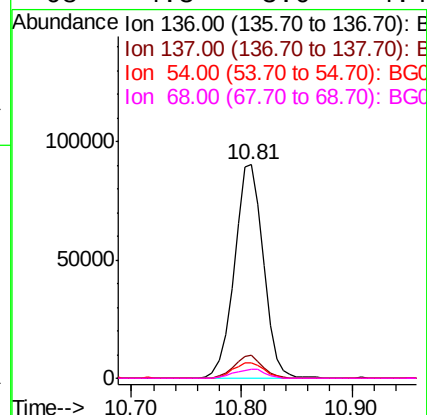
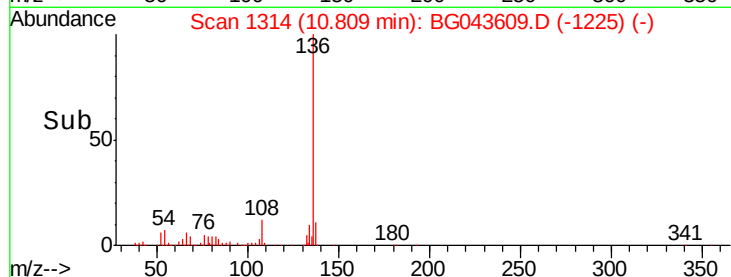
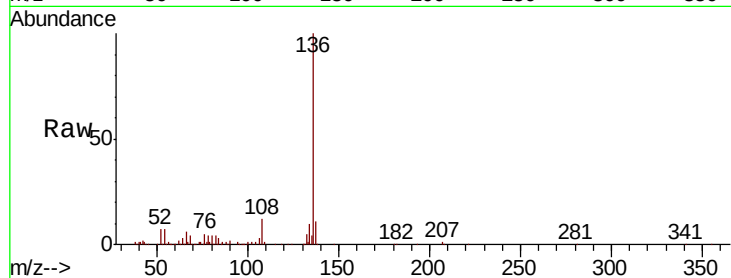




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

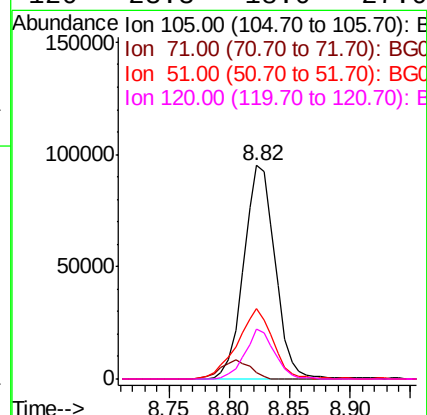
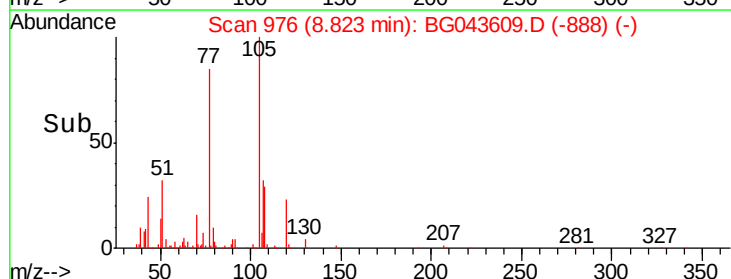
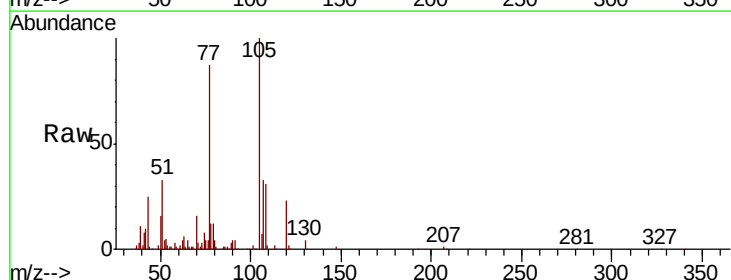
Instrument :
BNA_G
ClientSampleId :

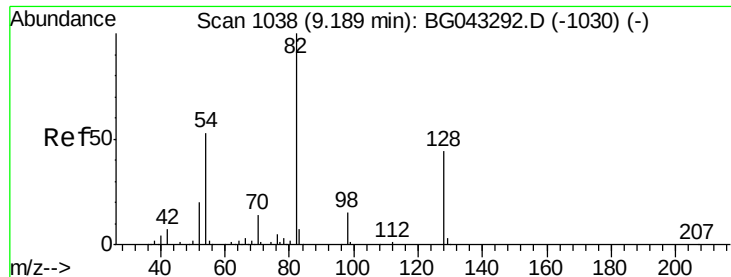
Tot Ion:136	Resp: 165868
Ion Ratio	Lower Upper
136 100	
137 10.7	8.7 13.1
54 7.1	5.4 8.2
68 4.3	3.0 4.4



#22
Acetophenone
Concen: 40.630 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion:105	Resp: 172584
Ion Ratio	Lower Upper
105 100	
71 2.8	0.8 1.2#
51 32.9	21.0 31.4#
120 23.3	18.0 27.0

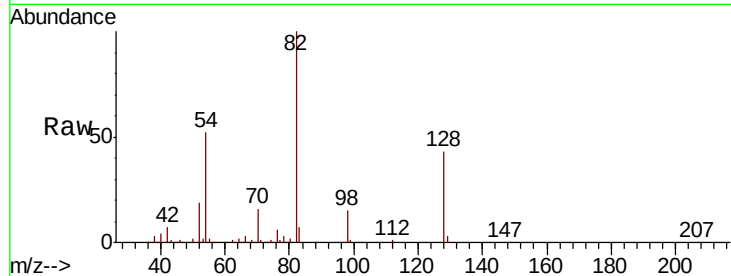




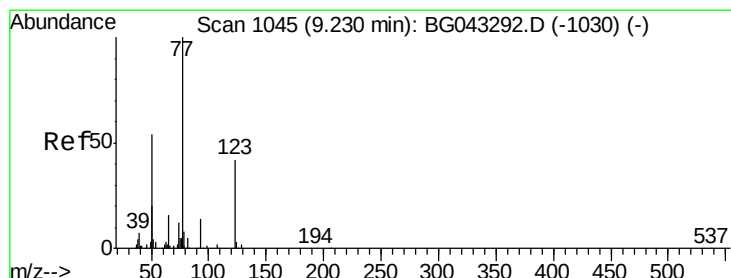
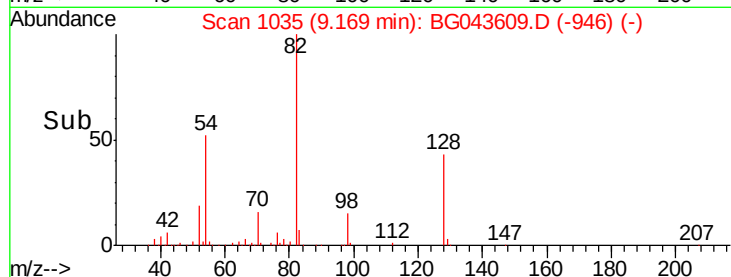
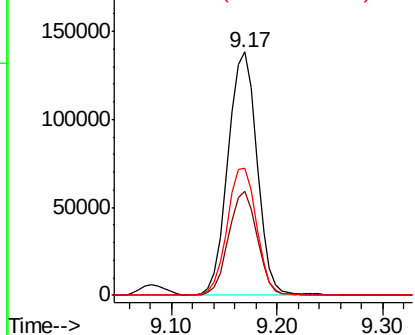
#23
 Nitrobenzene-d5
 Concen: 82.052 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82.00	Resp	263990
Ion Ratio	Lower	Upper	
82	100		
128	42.9	35.0	52.6
54	52.1	40.2	60.2

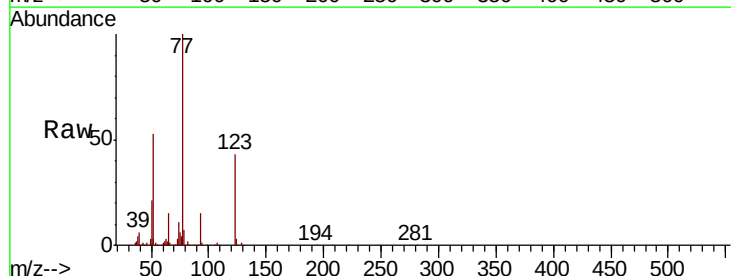


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

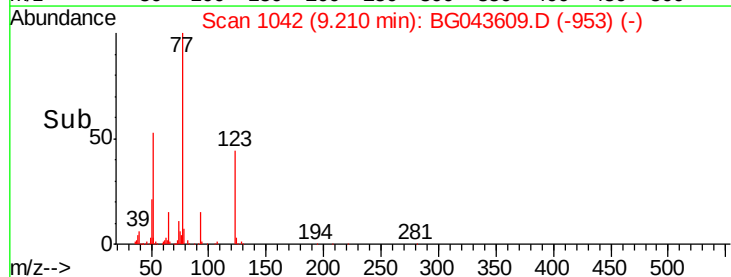
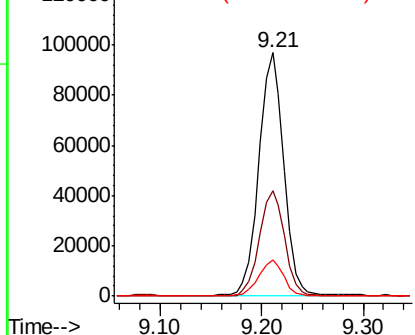


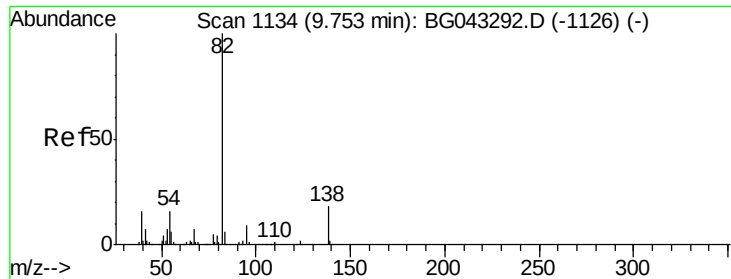
#24
 Nitrobenzene
 Concen: 54.084 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

Tgt Ion	77.00	Resp	165759
Ion Ratio	Lower	Upper	
77	100		
123	43.5	35.0	52.6
65	15.0	9.5	14.3#



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





#25

Isophorone

Concen: 40.571 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampleId :

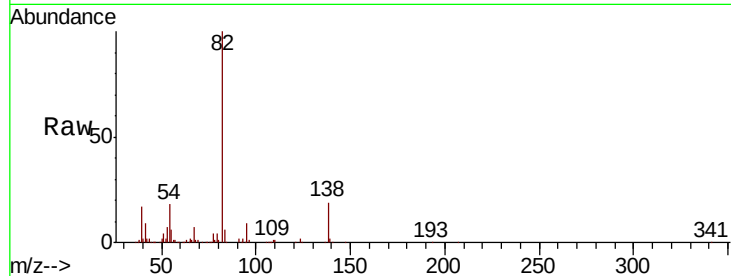
Tot Ion: 82 Resp: 238646

Ion Ratio Lower Upper

82 100

95 9.4 6.6 9.8

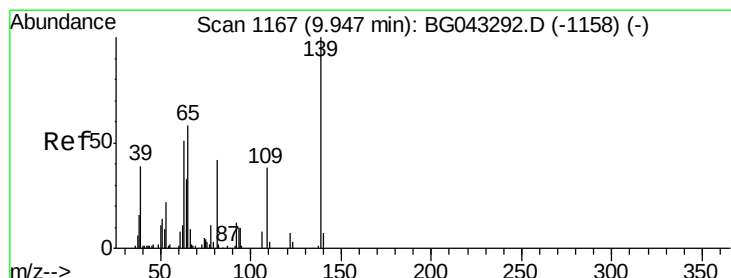
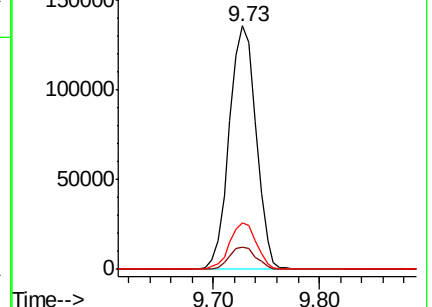
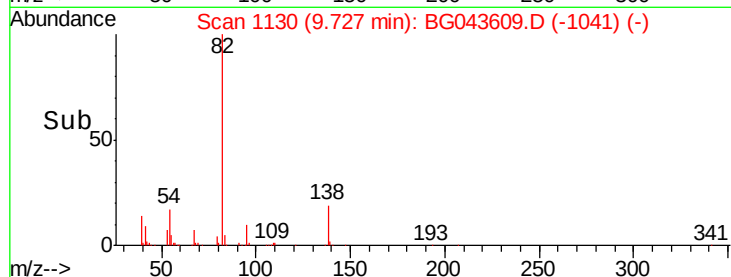
138 19.1 15.2 22.8



Abundance Ion 82.00 (81.70 to 82.70): BG043609.D (-1041) (-)

Ion 95.00 (94.70 to 95.70): BG043609.D (-1041) (-)

Ion 138.00 (137.70 to 138.70): BG043609.D (-1041) (-)



#26

2-Nitrophenol

Concen: 49.102 ng

RT: 9.92 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

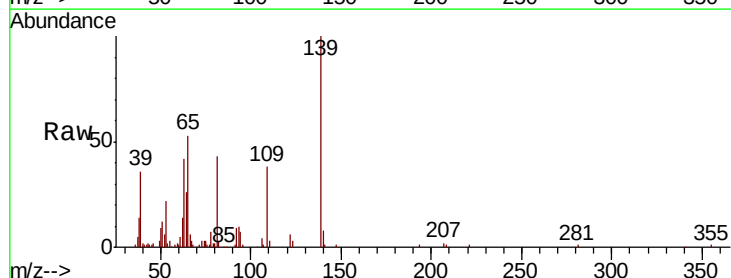
Tgt Ion: 139 Resp: 72655

Ion Ratio Lower Upper

139 100

109 37.8 26.5 39.7

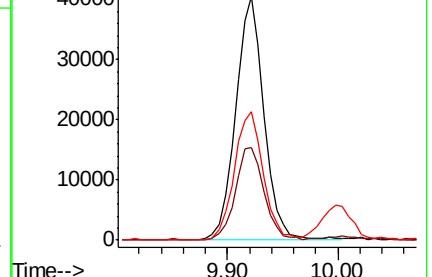
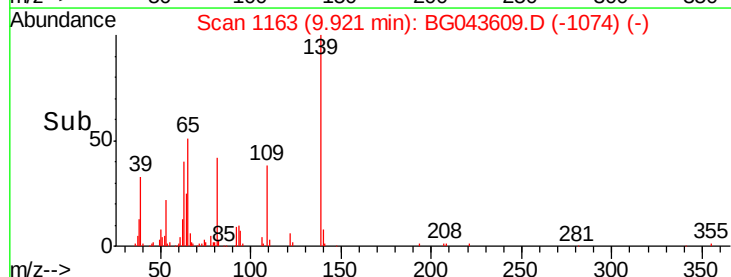
65 52.5 43.8 65.8

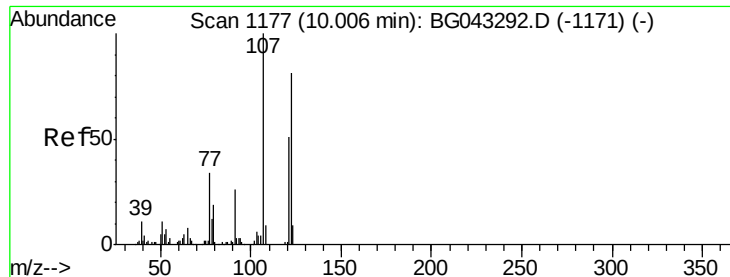


Abundance Ion 139.00 (138.70 to 139.70): BG043609.D (-1074) (-)

Ion 109.00 (108.70 to 109.70): BG043609.D (-1074) (-)

Ion 65.00 (64.70 to 65.70): BG043609.D (-1074) (-)

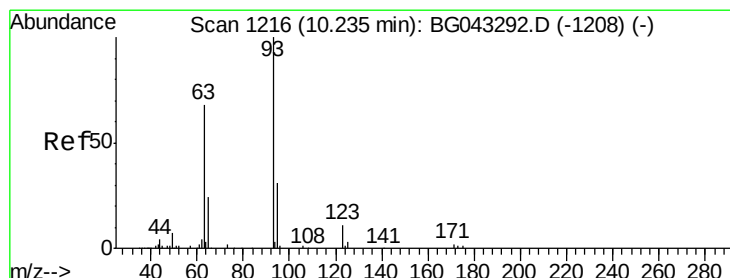
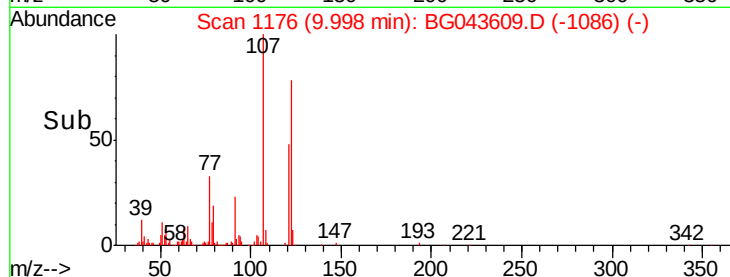
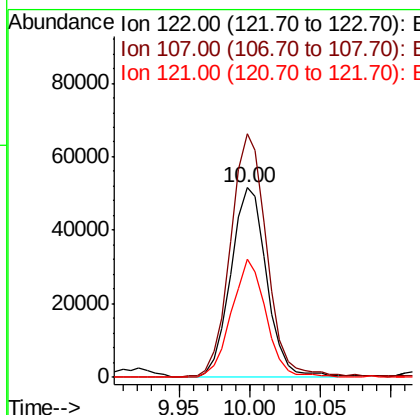
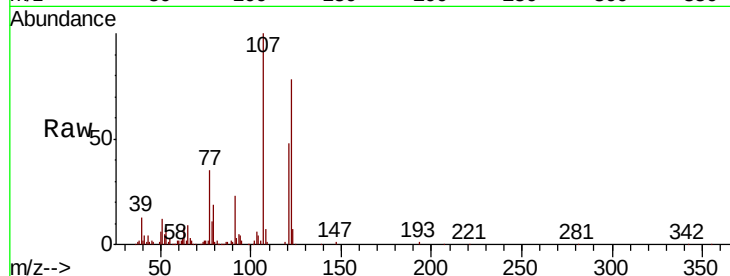




#27
 2,4-Dimethylphenol
 Concen: 43.241 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

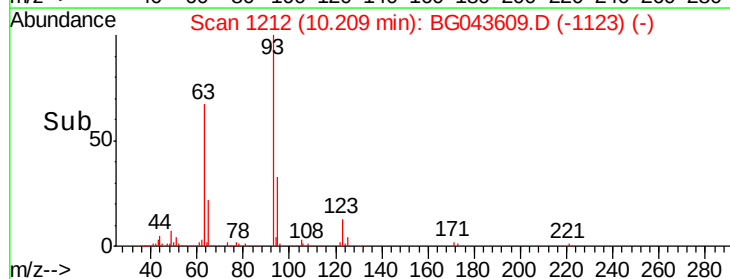
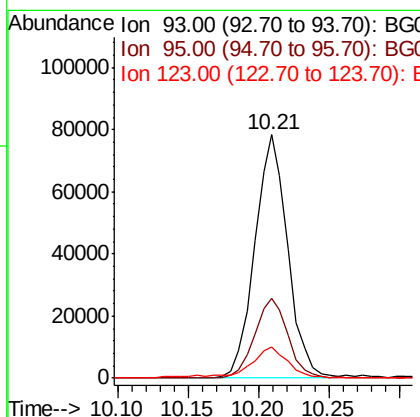
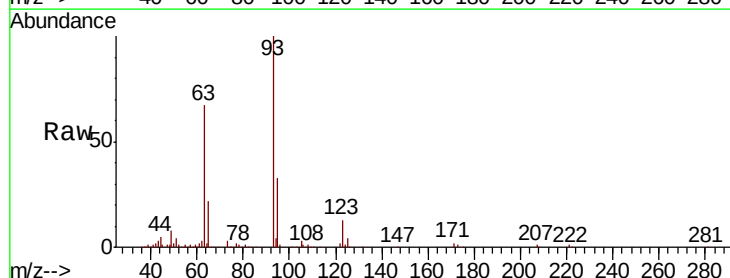
Instrument :
 BNA_G
 ClientSampleId :

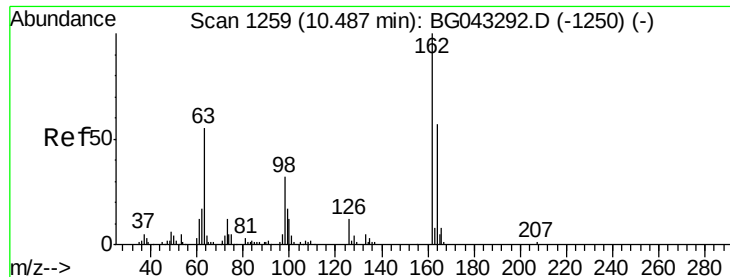
Tot Ion:122 Resp: 91704
 Ion Ratio Lower Upper
 122 100
 107 128.3 104.4 156.6
 121 62.0 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.410 ng
 RT: 10.21 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

Tgt Ion: 93 Resp: 127942
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.0 39.0
 123 12.7 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 47.180 ng

RT: 10.48 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampleId :

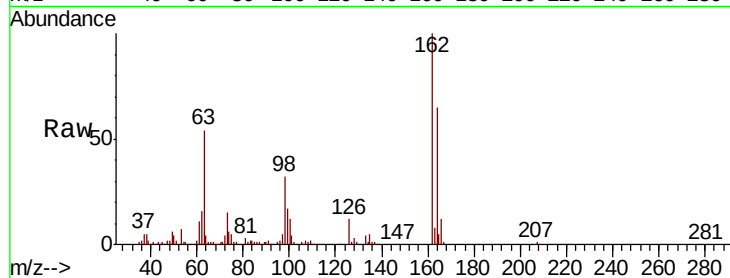
Tot Ion:162 Resp: 128200

Ion Ratio Lower Upper

162 100

164 64.6 48.9 88.9

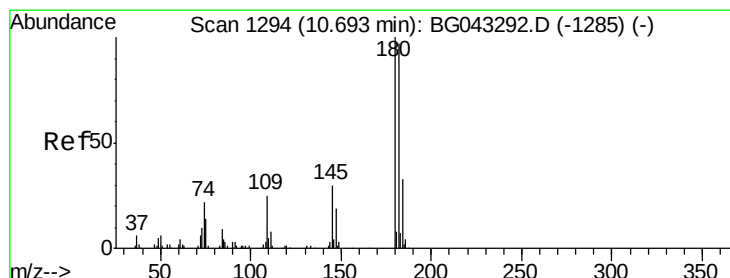
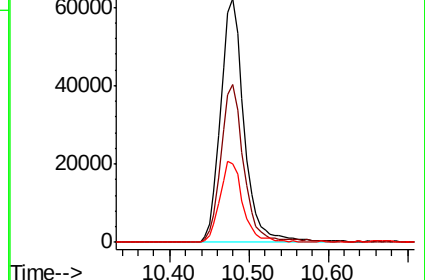
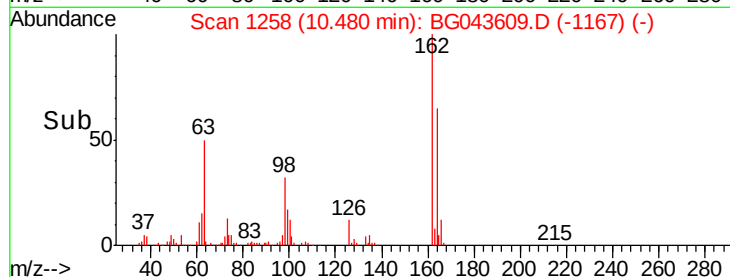
98 32.3 15.1 55.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 37.913 ng

RT: 10.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

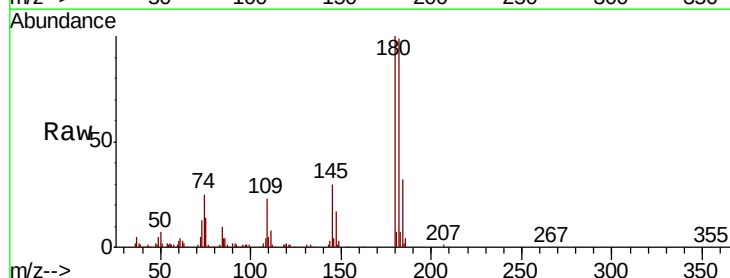
Tgt Ion:180 Resp: 129844

Ion Ratio Lower Upper

180 100

182 98.8 75.1 112.7

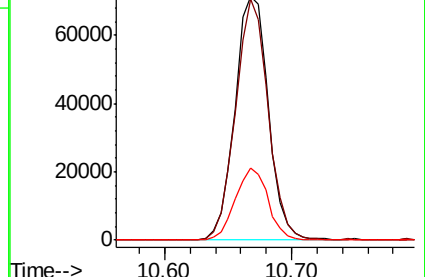
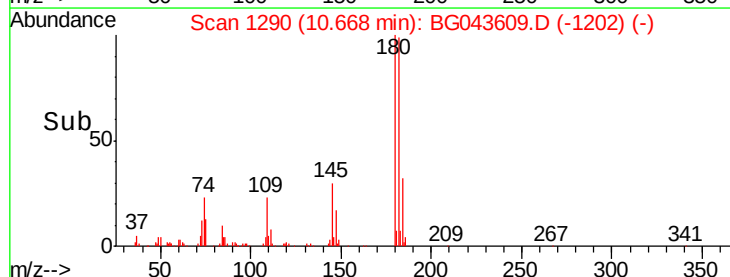
145 29.7 23.9 35.9

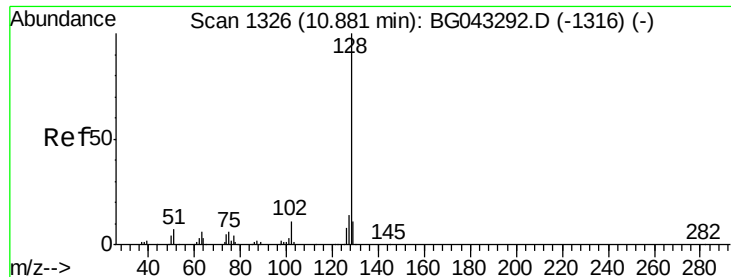


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

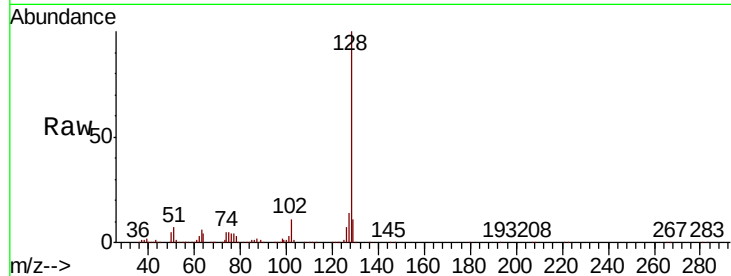




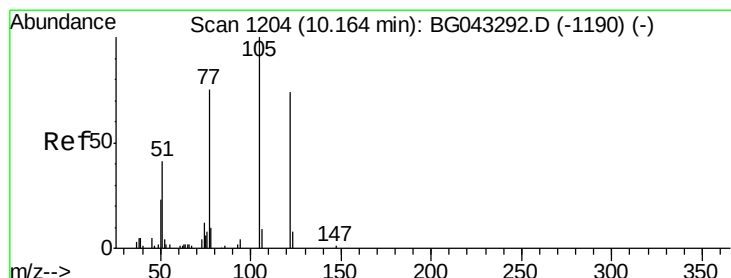
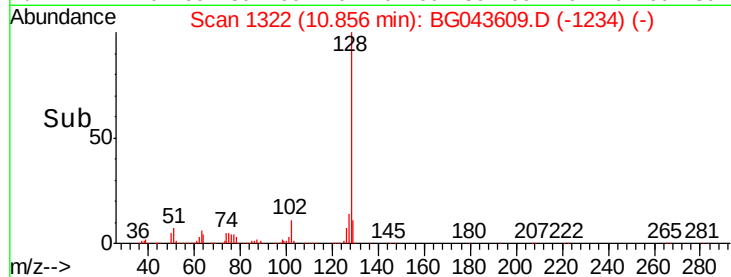
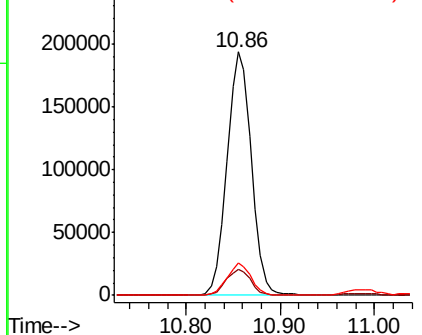
#31
Naphthalene
Concen: 41.334 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 348007
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.0
127 13.5 11.1 16.7

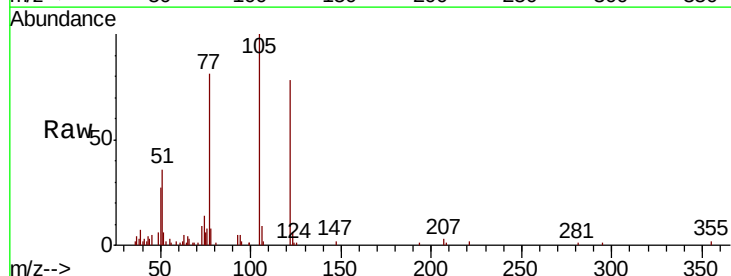


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

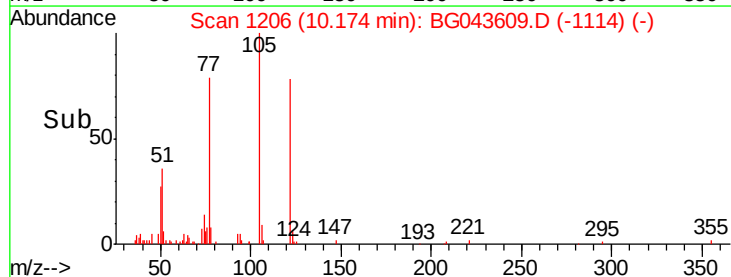
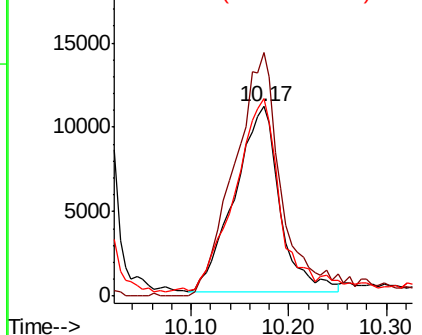


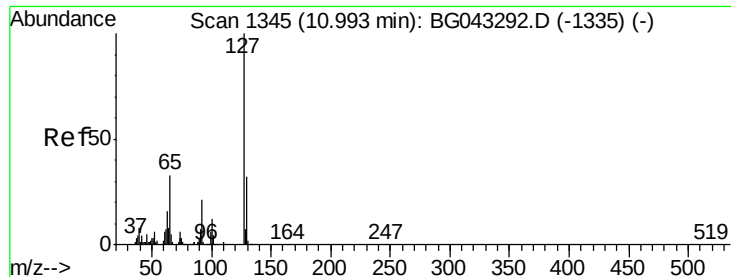
#32
Benzoic acid
Concen: 26.798 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion:122 Resp: 35419
Ion Ratio Lower Upper
122 100
105 128.3 103.3 143.3
77 104.1 84.9 124.9



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

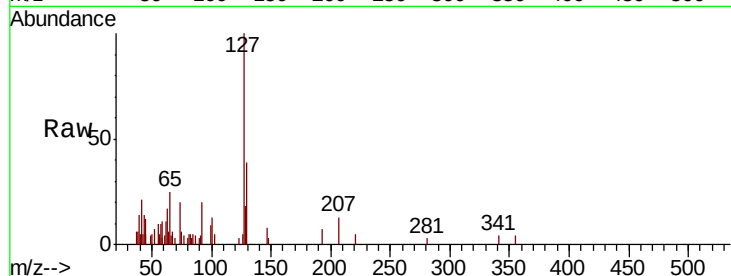




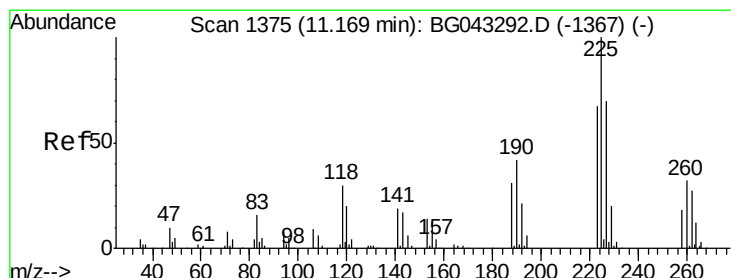
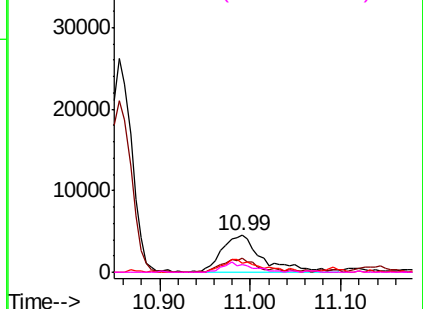
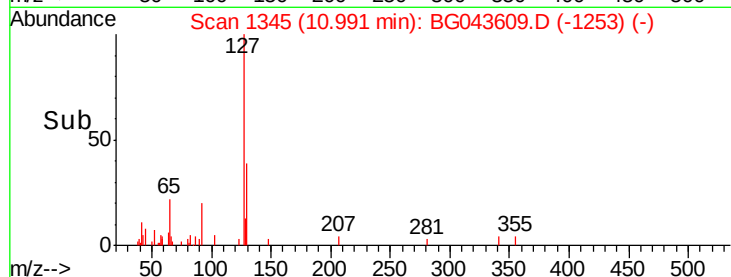
#33
4-Chloroaniline
Concen: 4.148 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	14316
Ion Ratio	Lower	Upper	
127	100		
129	39.0	26.5	39.7
65	25.0	26.4	39.6#
92	19.8	16.2	24.2

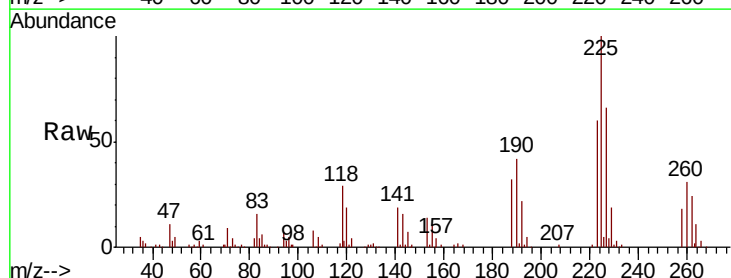


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

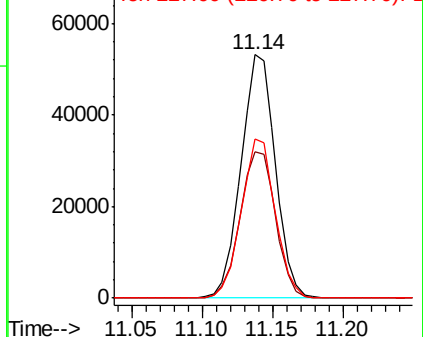
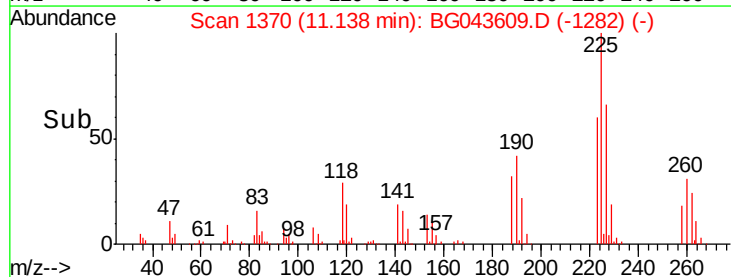


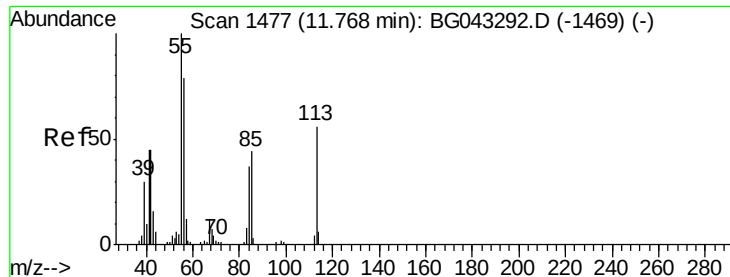
#34
Hexachlorobutadiene
Concen: 35.763 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion:	225	Resp:	90539
Ion Ratio	Lower	Upper	
225	100		
223	60.2	52.7	79.1
227	65.6	54.8	82.2



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

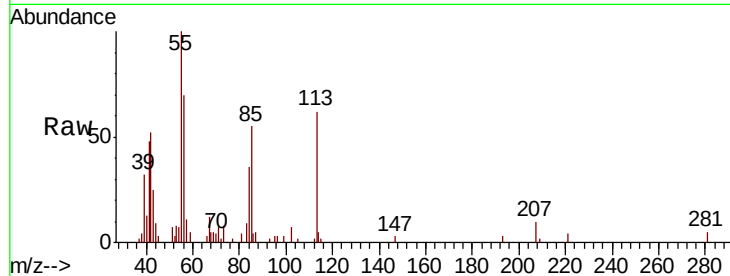




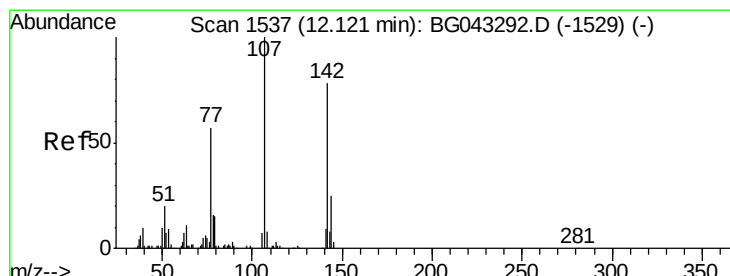
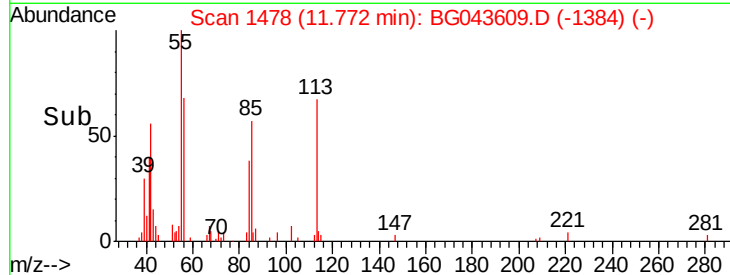
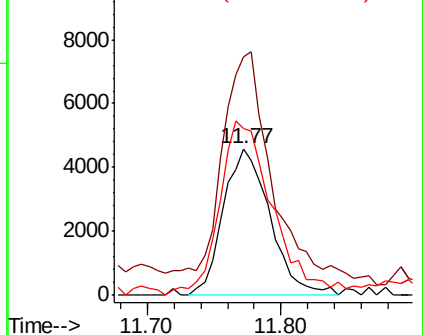
#35
 Caprolactam
 Concen: 11.942 ng
 RT: 11.77 min Scan# 1478
 Delta R.T. 0.02 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 11176
 Ion Ratio Lower Upper
 113 100
 55 162.1 134.1 174.1
 56 113.6 100.4 140.4

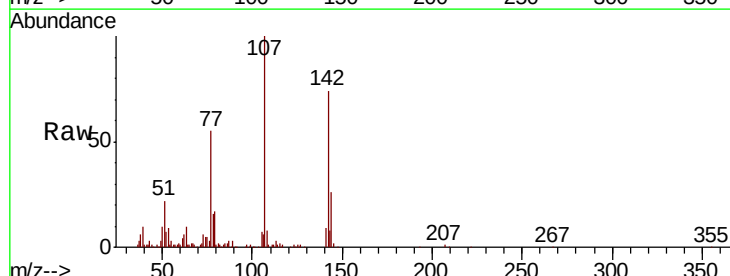


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

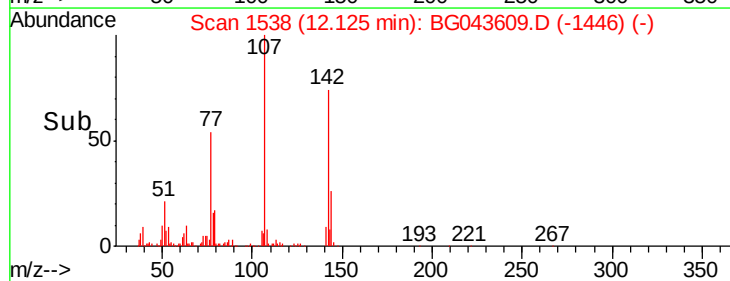
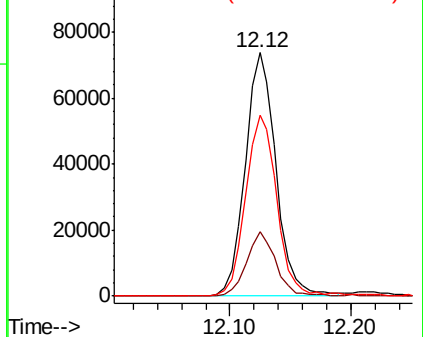


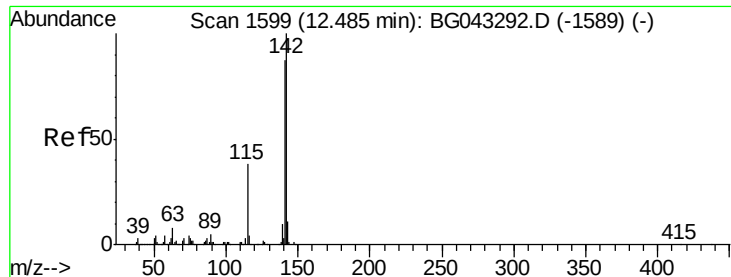
#36
 4-Chloro-3-methylphenol
 Concen: 44.040 ng
 RT: 12.12 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

Tgt Ion:107 Resp: 130535
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.9 31.3
 142 74.3 59.6 89.4



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

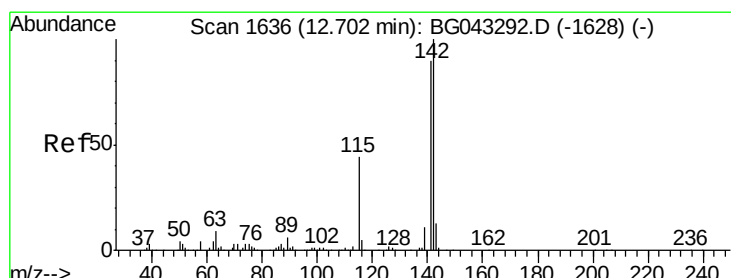
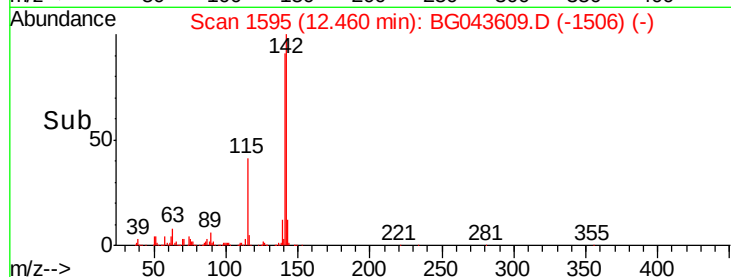
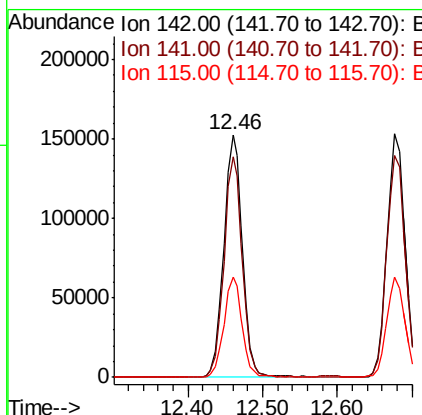
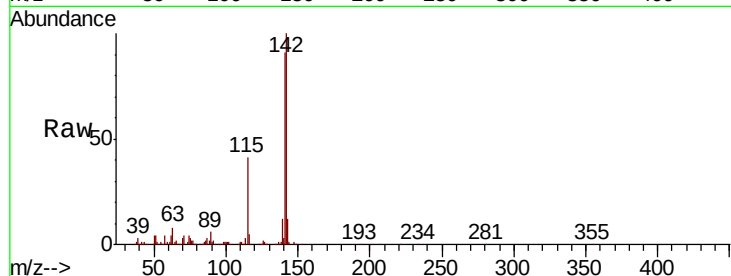




#37
2-Methylnaphthalene
Concen: 41.117 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

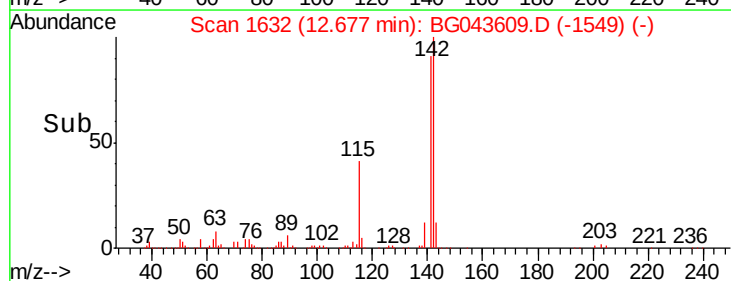
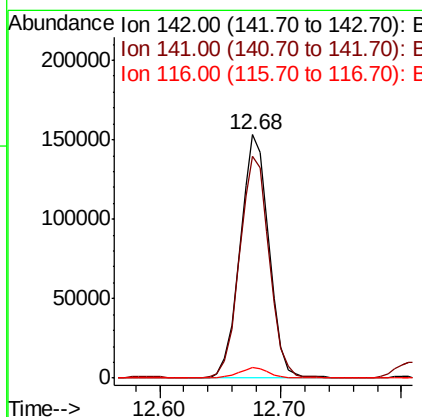
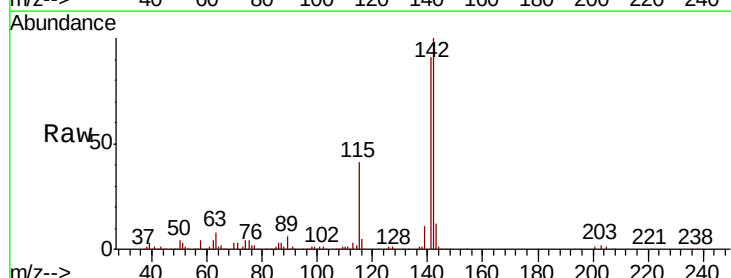
Instrument :
BNA_G
ClientSampleId :

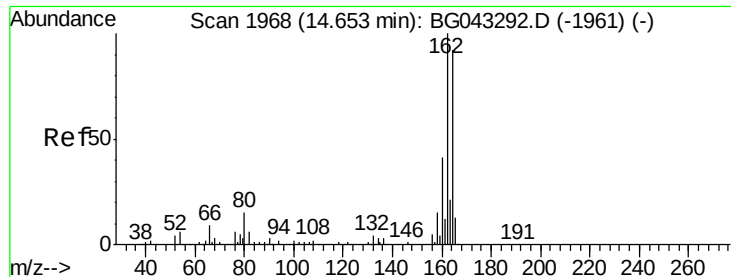
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.2	108.2
115	41.3	33.2	49.8



#38
1-Methylnaphthalene
Concen: 41.066 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.2	109.8
116	4.6	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampleId :

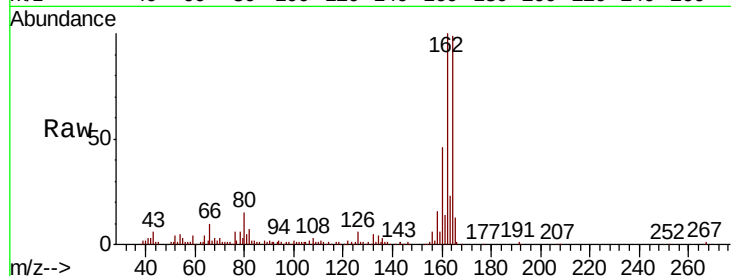
Tot Ion:164 Resp: 118142

Ion Ratio Lower Upper

164 100

162 101.0 83.5 125.3

160 46.0 36.5 54.7

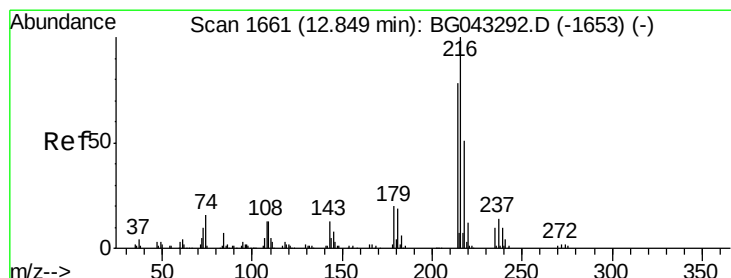
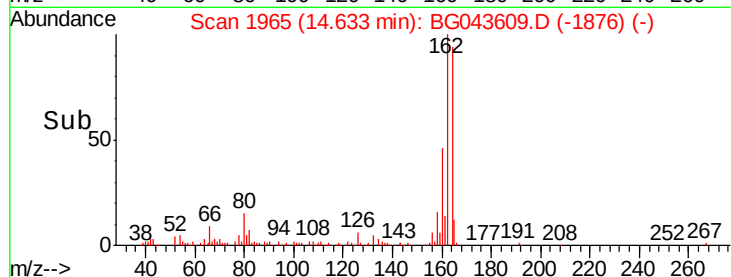
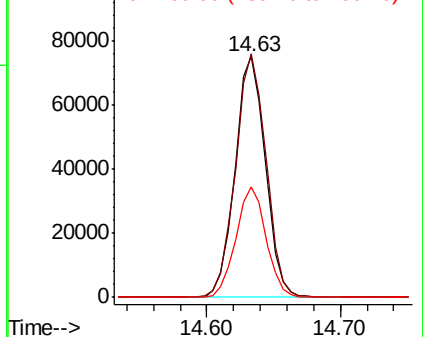


Abundance

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: 39.468 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Tgt Ion:216 Resp: 172566

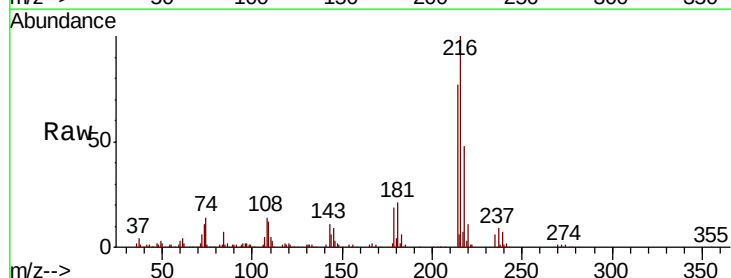
Ion Ratio Lower Upper

216 100

214 77.3 61.7 92.5

179 19.4 15.8 23.8

108 15.9 11.5 17.3



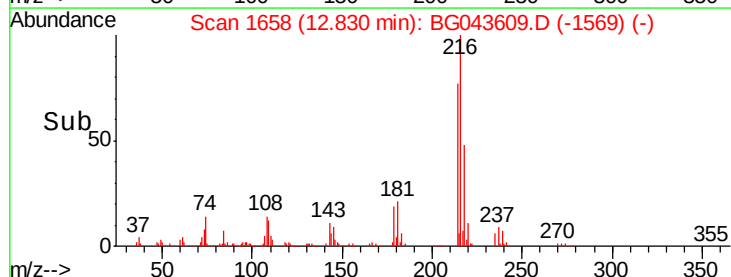
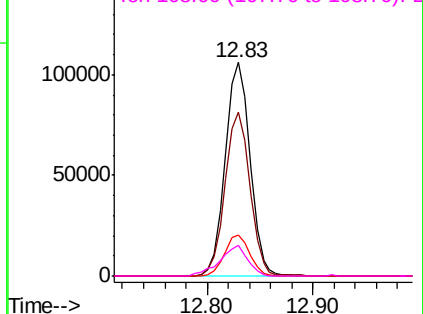
Abundance

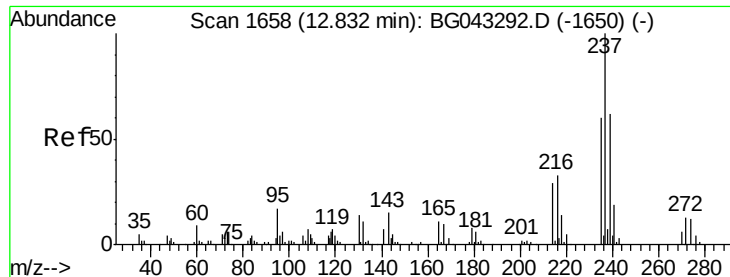
Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 72.130 ng

RT: 12.81 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampleId :

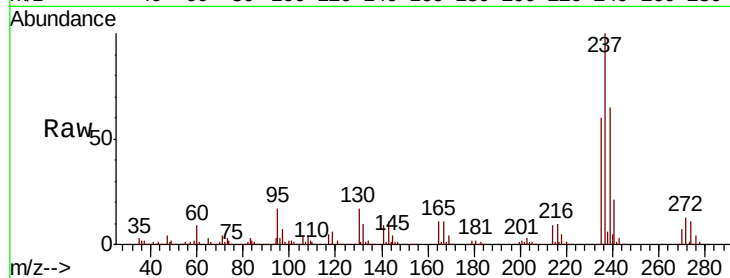
Tot Ion:237 Resp: 165667

Ion Ratio Lower Upper

237 100

235 60.3 41.6 81.6

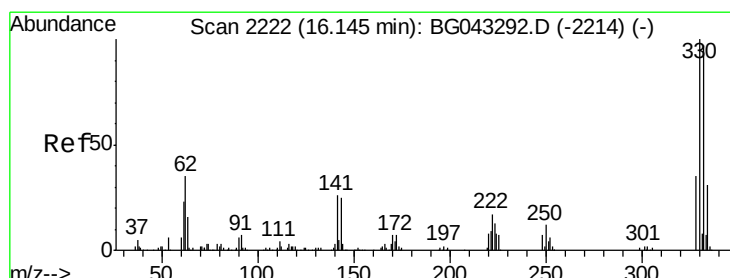
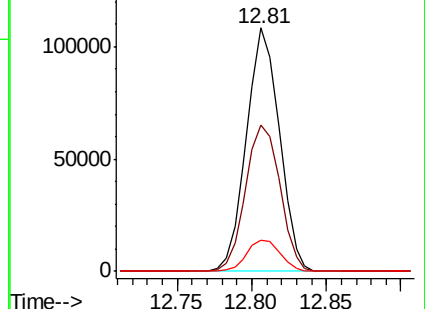
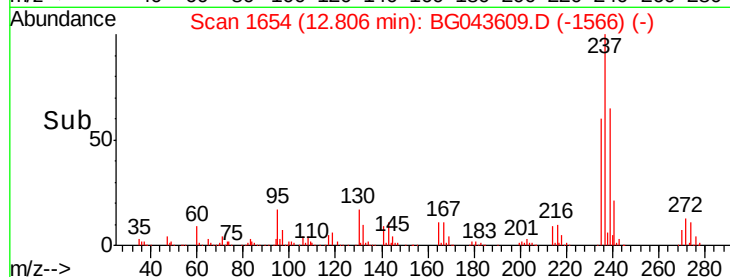
272 13.0 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 74.055 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

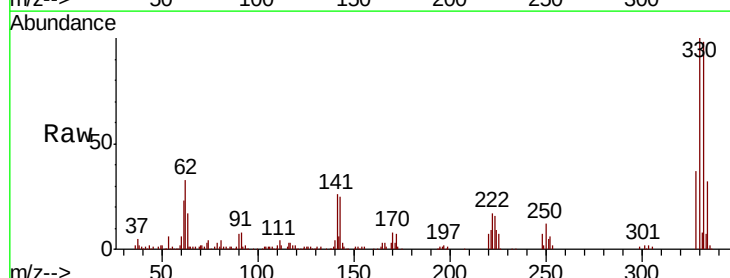
Tgt Ion:330 Resp: 166493

Ion Ratio Lower Upper

330 100

332 101.2 77.4 116.0

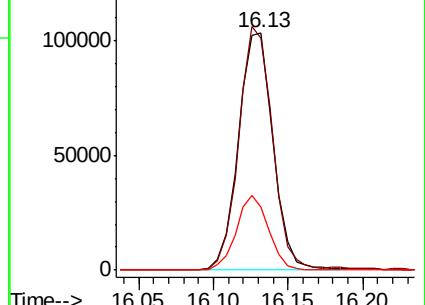
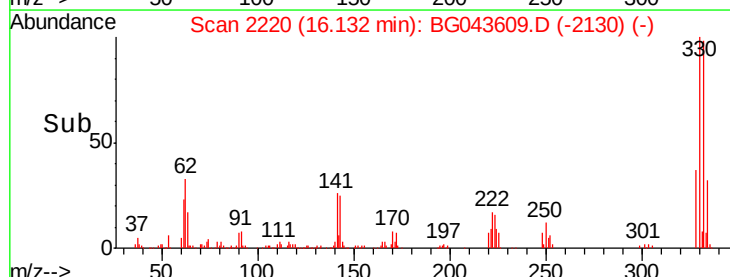
141 29.6 22.8 34.2

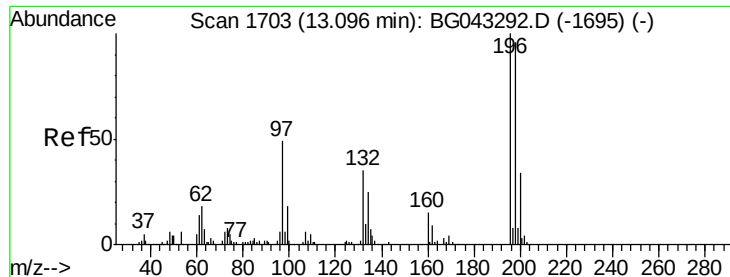


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

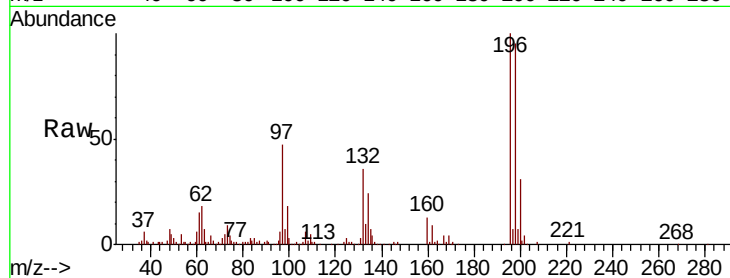




#43
 2,4,6-Trichlorophenol
 Concen: 45.372 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	116827
Ion Ratio	Lower	Upper	
196	100		
198	94.9	75.8	113.6
200	31.0	23.9	35.9

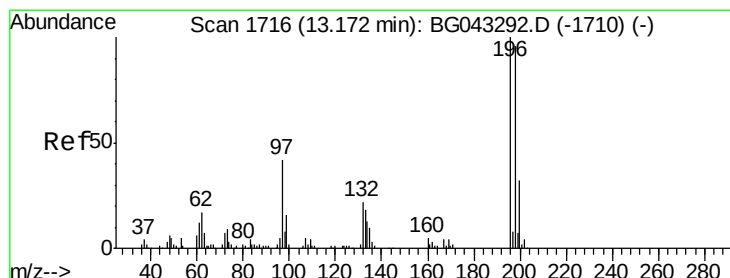
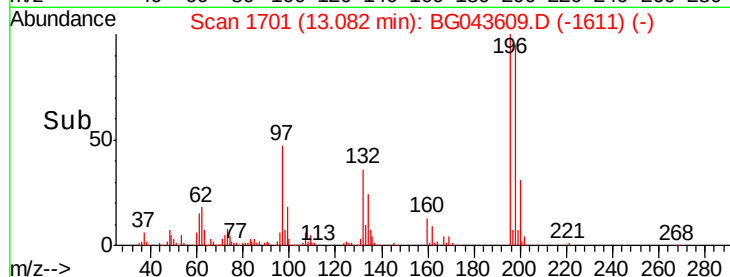
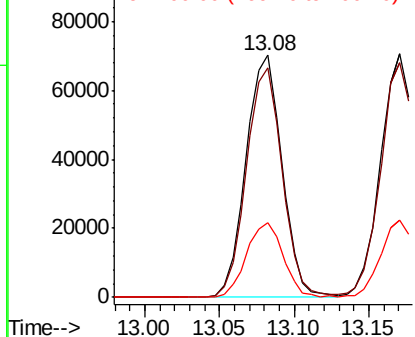


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 46.838 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

Tgt Ion	196	Resp	121926
Ion Ratio	Lower	Upper	
196	100		
198	96.5	74.5	111.7
97	44.2	36.3	54.5
132	22.6	17.4	26.2

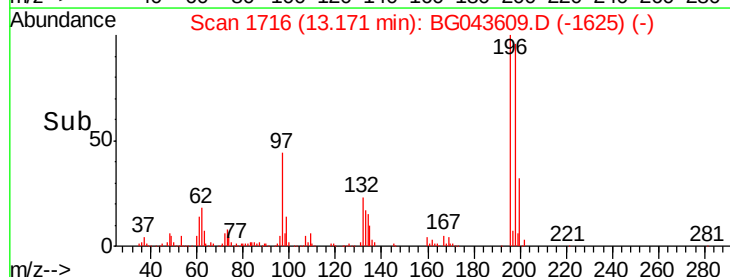
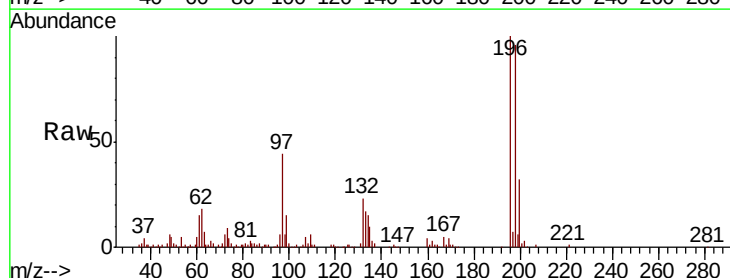
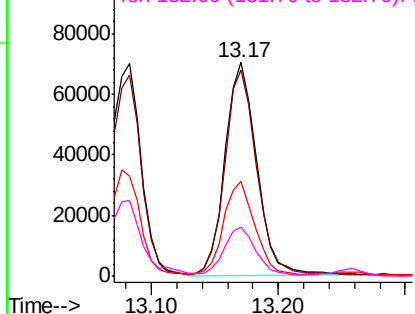
Abundance

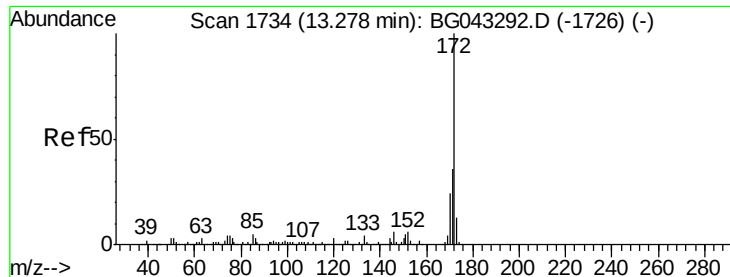
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

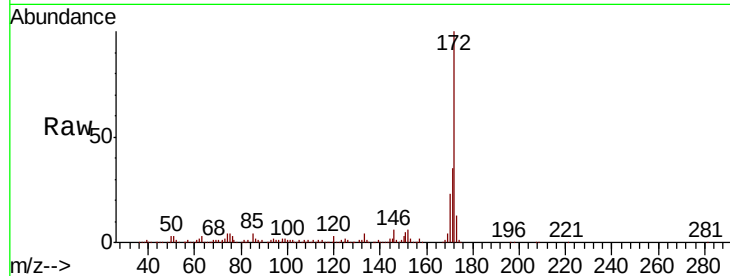




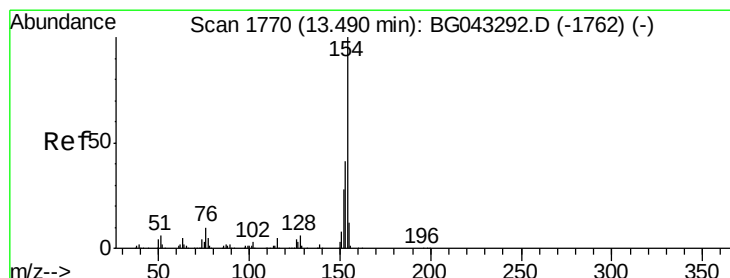
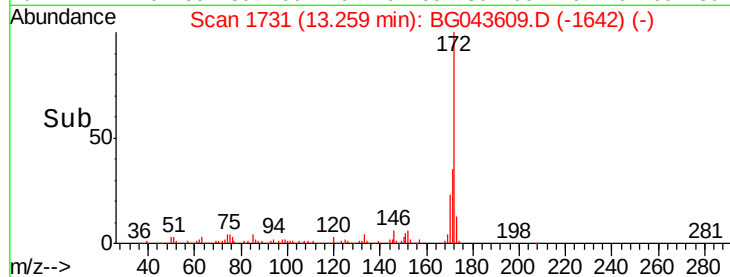
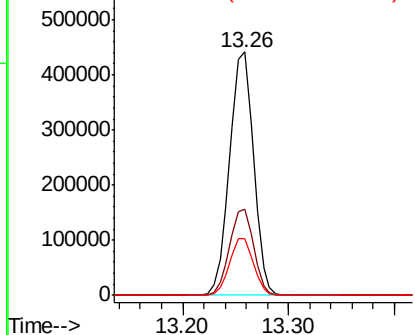
#45
 2-Fluorobiphenyl
 Concen: 81.029 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	23.3	18.5	27.7

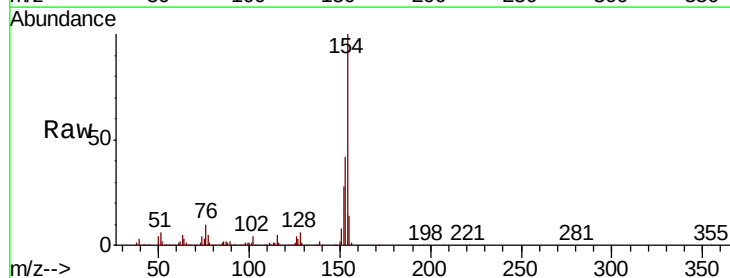


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

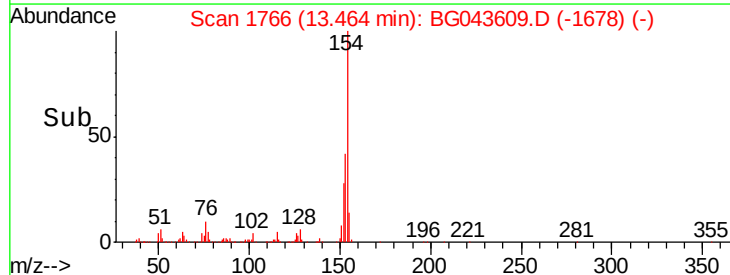
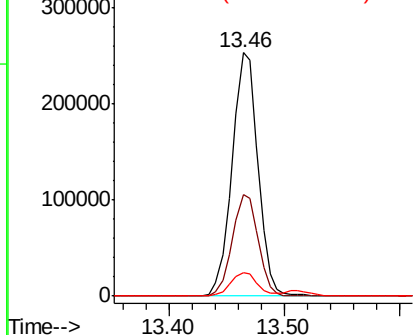


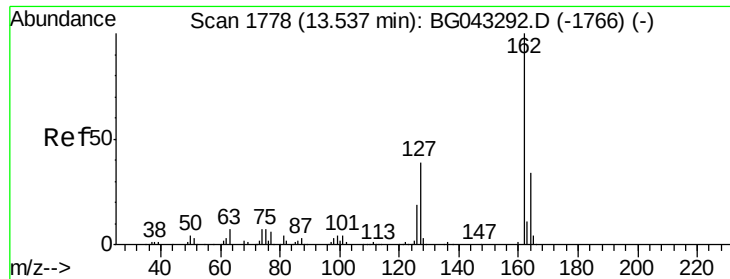
#46
 1,1'-Biphenyl
 Concen: 43.617 ng
 RT: 13.46 min Scan# 1766
 Delta R.T. -0.01 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	19.9	59.9
76	9.6	0.0	29.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

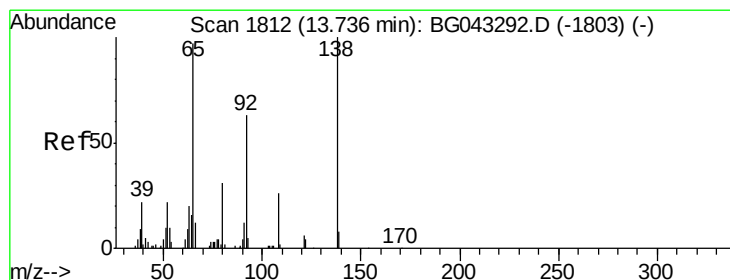
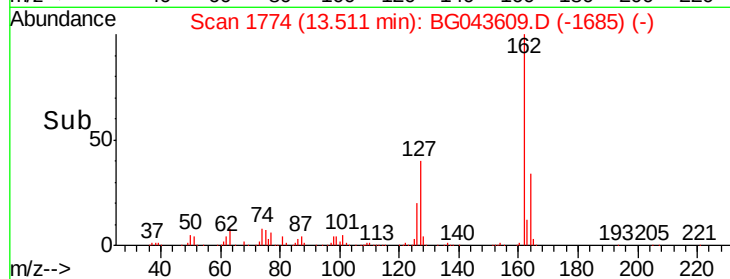
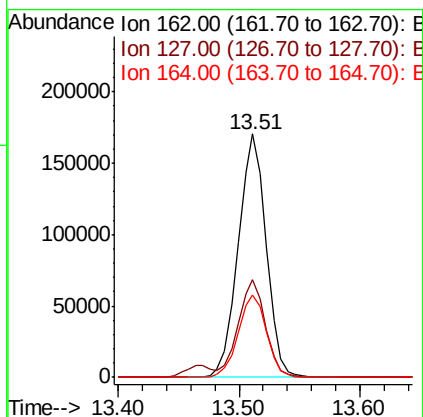
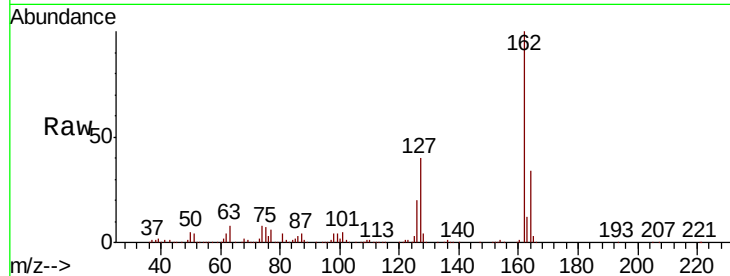




#47
 2-Chloronaphthalene
 Concen: 40.217 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

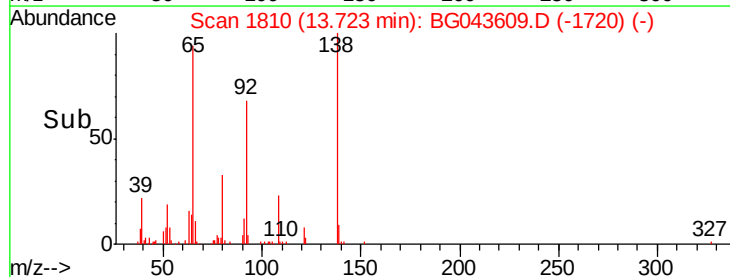
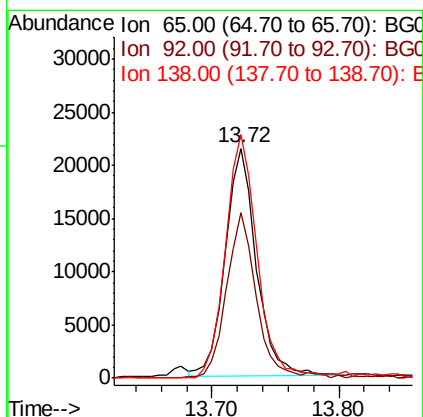
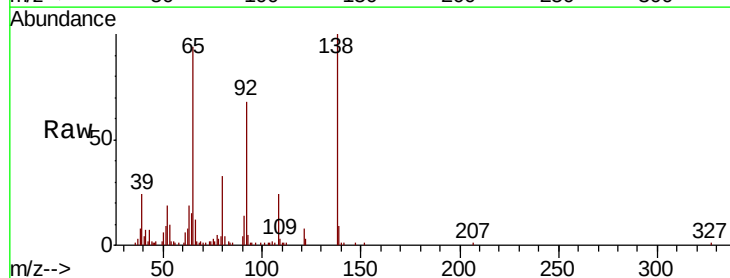
Instrument :
 BNA_G
 ClientSampled :

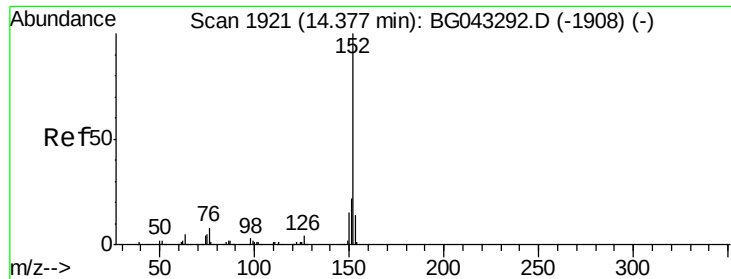
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	31.2	46.8
164	33.8	25.8	38.8



#48
 2-Nitroaniline
 Concen: 17.710 ng
 RT: 13.72 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	56.2	84.2
138	106.1	82.6	123.8





#49

Acenaphthylene

Concen: 40.959 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampleId :

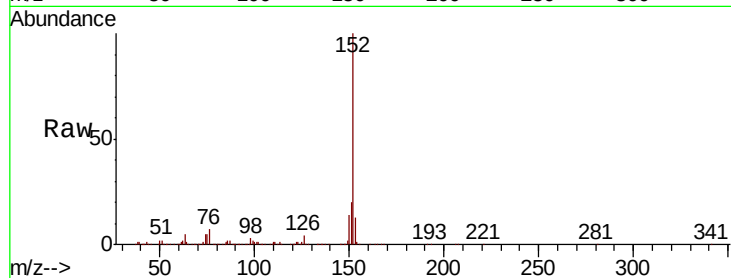
Tot Ion:152 Resp: 435924

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

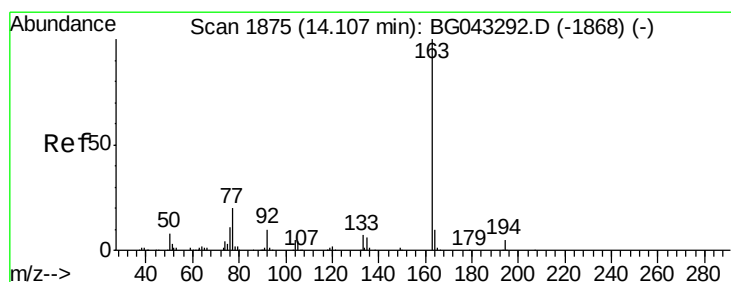
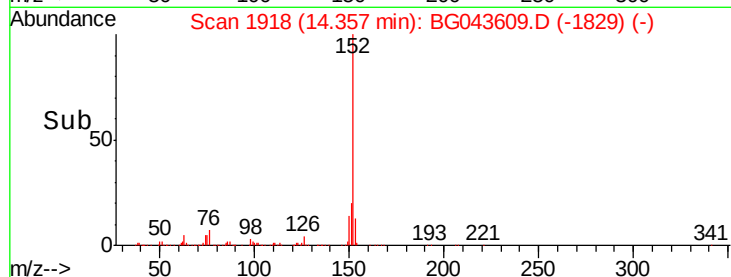
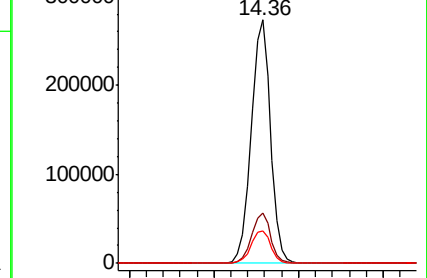
153 13.4 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.296 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

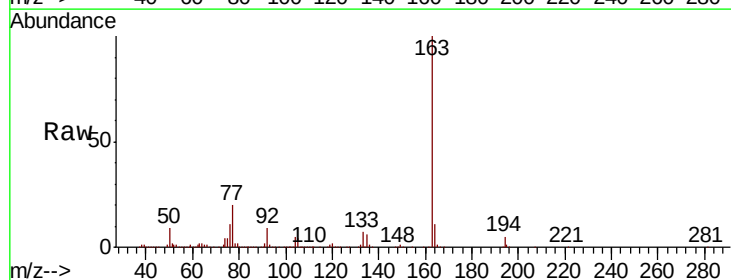
Tgt Ion:163 Resp: 460251

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.6

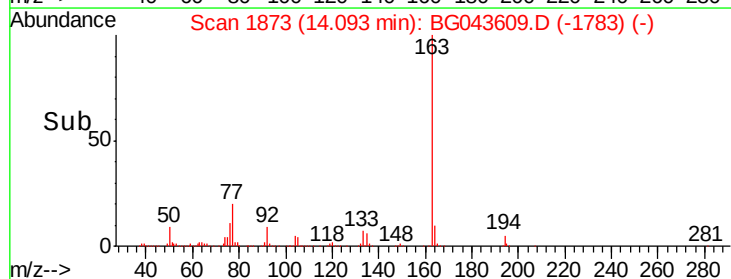
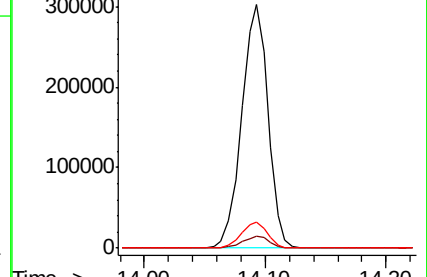
164 10.5 8.9 13.3

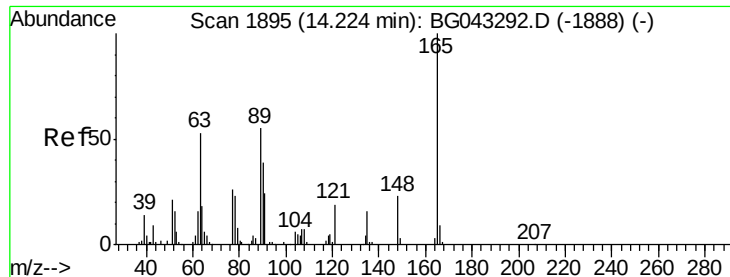


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.015 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.00 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampleId :

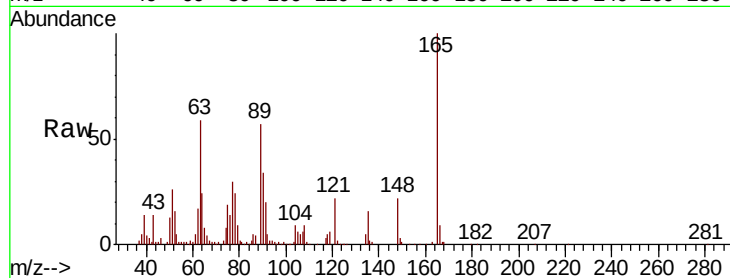
Tot Ion:165 Resp: 83527

Ion Ratio Lower Upper

165 100

63 59.4 46.6 69.8

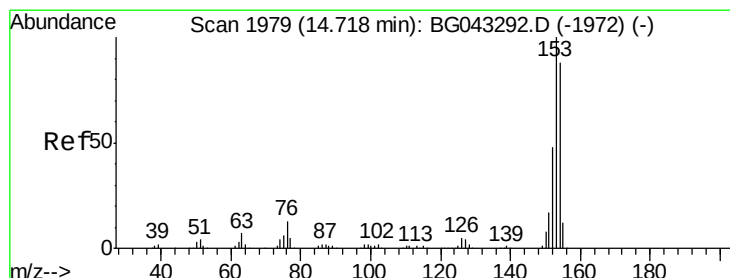
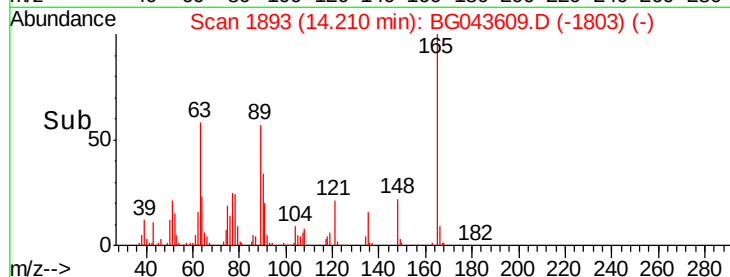
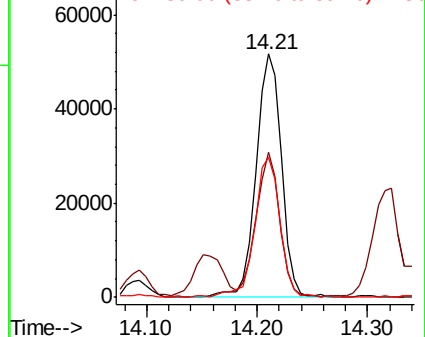
89 57.5 45.1 67.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 41.104 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

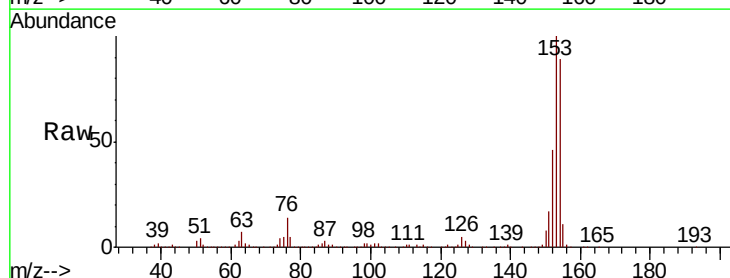
Tgt Ion:154 Resp: 266786

Ion Ratio Lower Upper

154 100

153 112.1 88.2 132.2

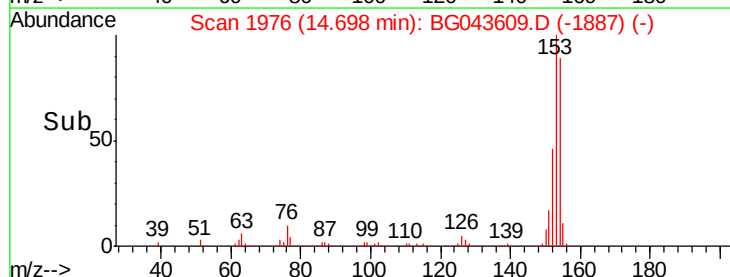
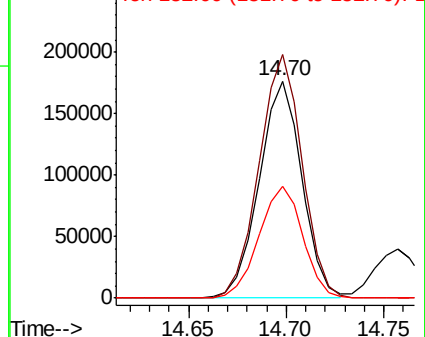
152 51.7 40.0 60.0

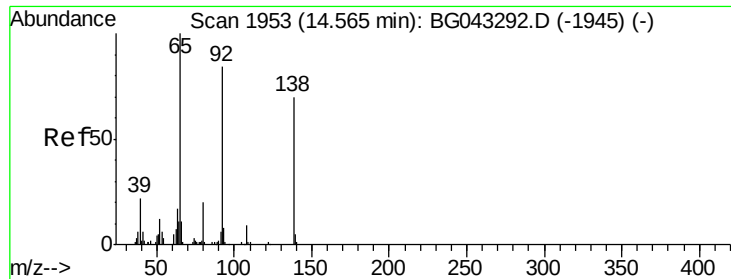


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

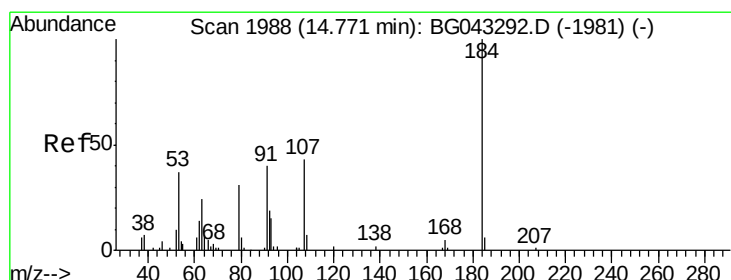
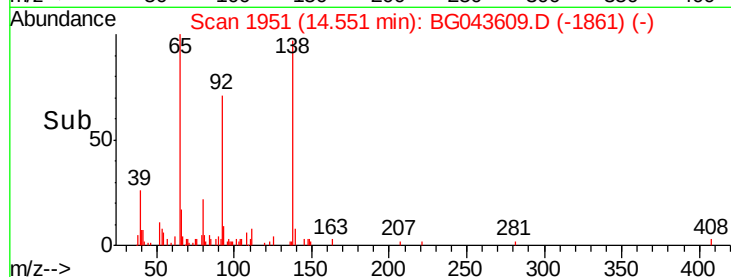
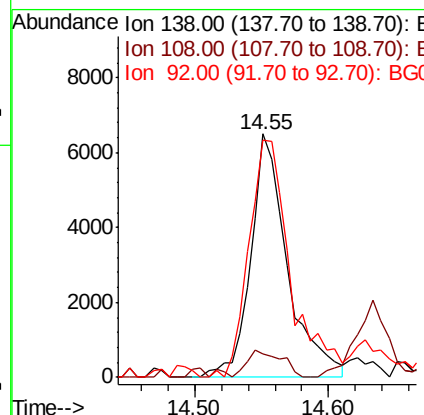
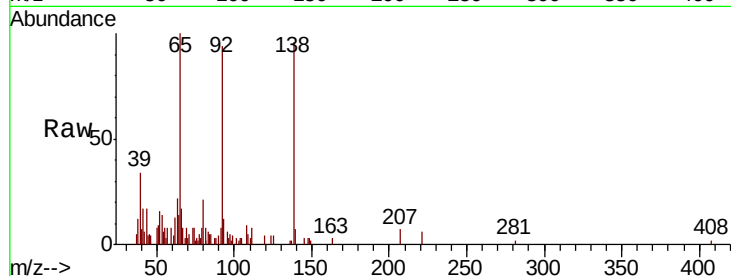




#53
3-Nitroaniline
Concen: 6.415 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

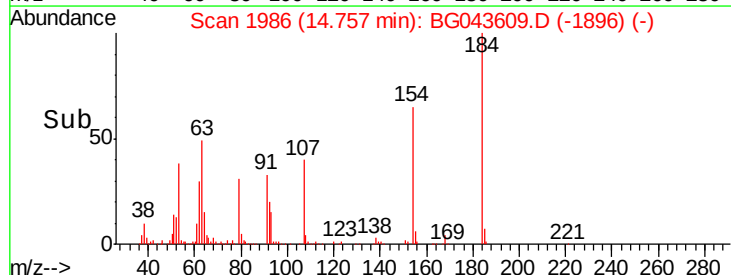
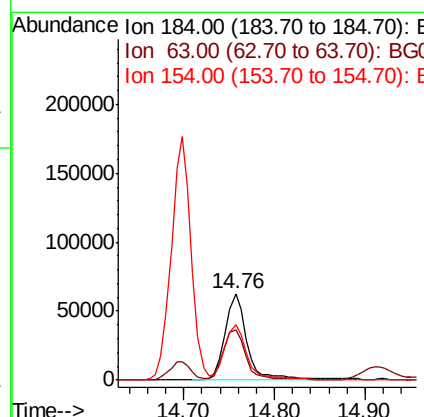
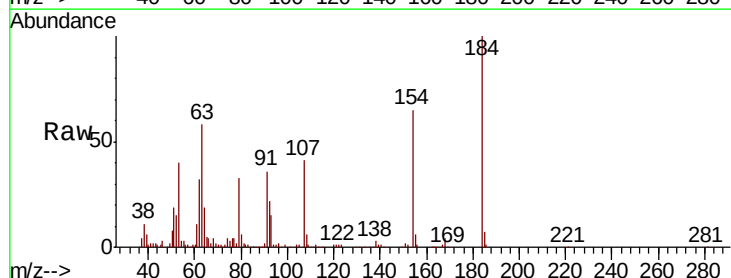
Instrument :
BNA_G
ClientSampleId :

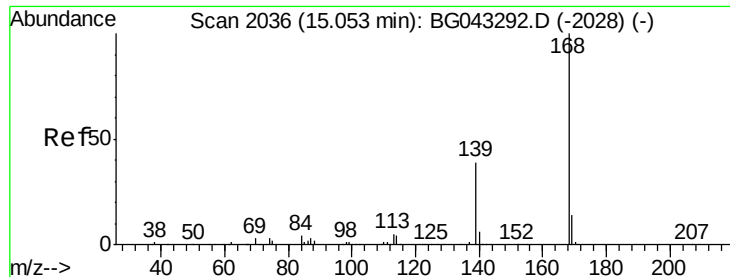
Tot Ion:138 Resp: 12313
Ion Ratio Lower Upper
138 100
108 9.7 8.0 12.0
92 97.4 90.9 136.3



#54
2,4-Dinitrophenol
Concen: 84.974 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion:184 Resp: 106107
Ion Ratio Lower Upper
184 100
63 57.9 51.3 76.9
154 64.5 55.4 83.0





#55

Dibenzofuran

Concen: 41.622 ng

RT: 15.03 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampleId :

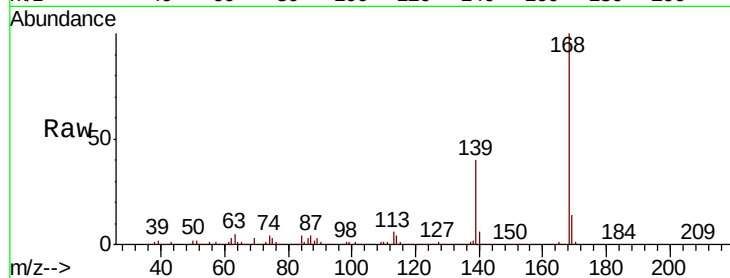
Tot Ion:168 Resp: 438080

Ion Ratio Lower Upper

168 100

139 40.4 31.0 46.6

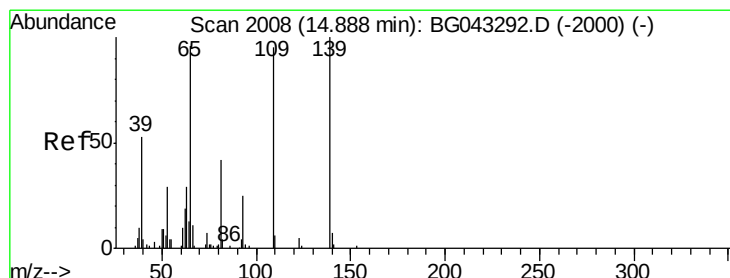
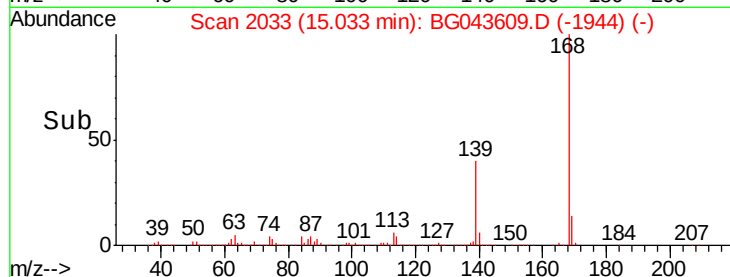
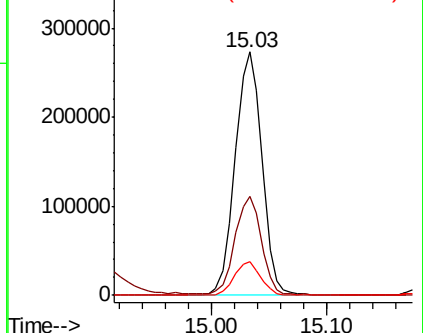
169 13.7 11.7 17.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 47.405 ng

RT: 14.92 min Scan# 2013

Delta R.T. 0.03 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

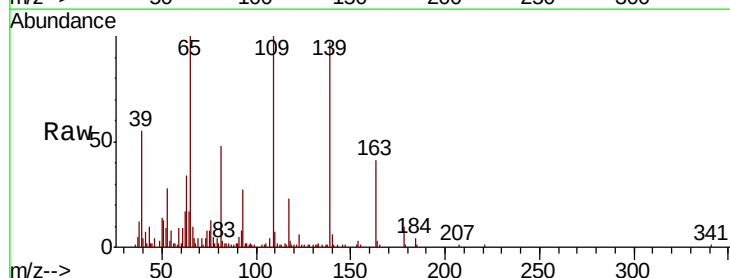
Tgt Ion:139 Resp: 60975

Ion Ratio Lower Upper

139 100

109 102.8 87.2 127.2

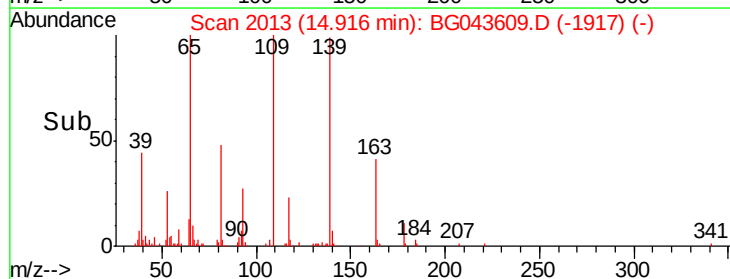
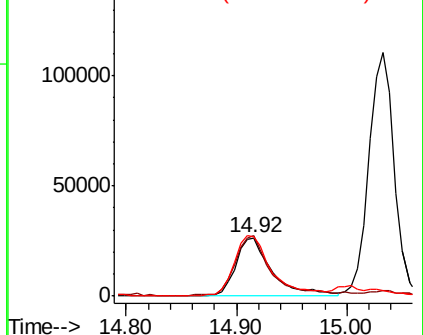
65 102.3 83.8 123.8

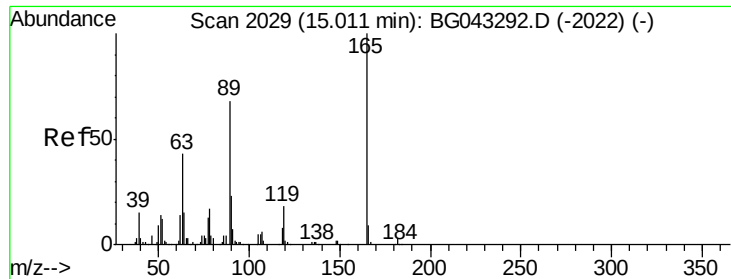


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

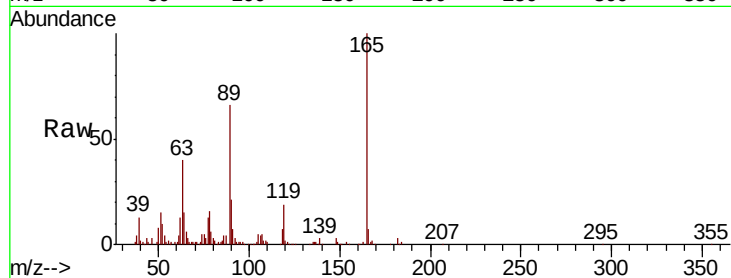




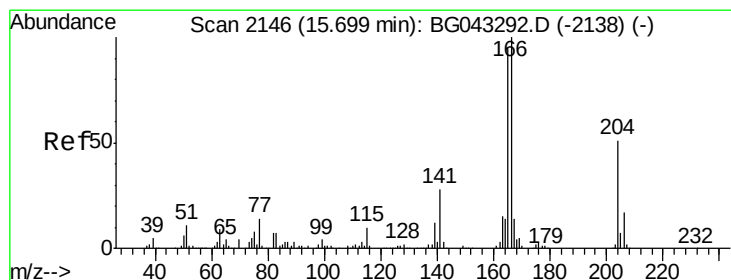
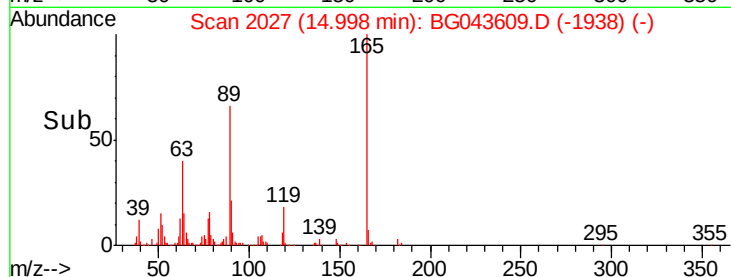
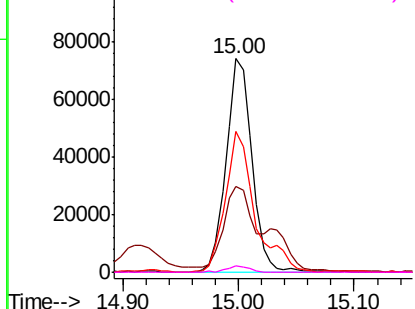
#57
2,4-Dinitrotoluene
Concen: 40.366 ng
RT: 15.00 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 114683
Ion Ratio Lower Upper
165 100
63 40.4 33.2 49.8
89 66.0 52.2 78.4
182 3.3 2.0 3.0#

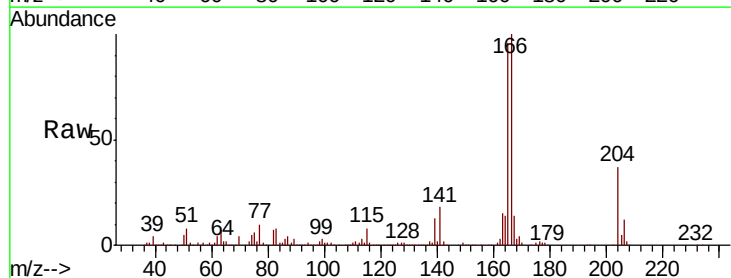


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

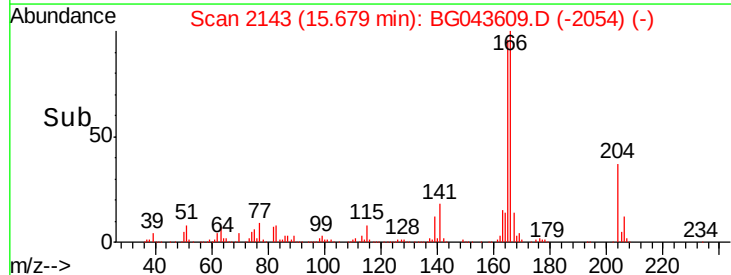
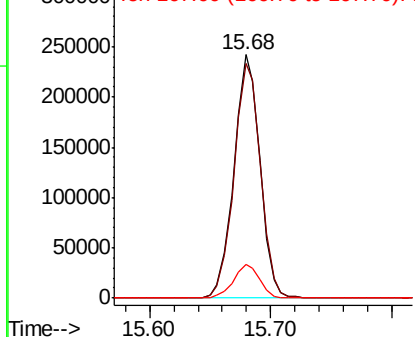


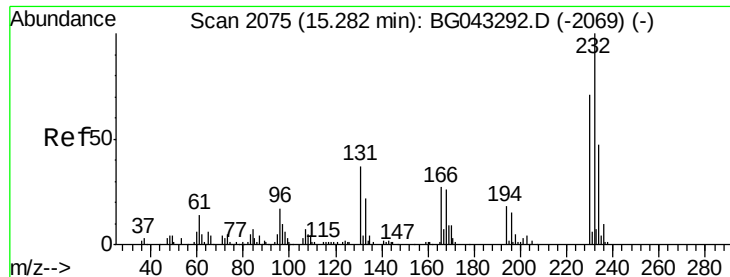
#58
Fluorene
Concen: 41.126 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion:166 Resp: 363049
Ion Ratio Lower Upper
166 100
165 96.3 79.0 118.6
167 13.6 10.5 15.7



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: 40.529 ng

RT: 15.27 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampled :

Tot Ion:232 Resp: 112092

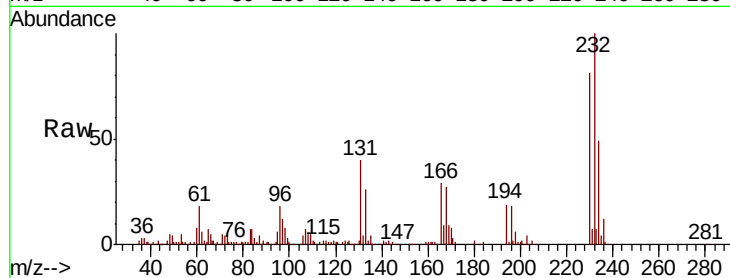
Ion Ratio Lower Upper

232 100

131 37.5 26.9 40.3

130 2.1 1.8 2.6

166 28.4 20.9 31.3

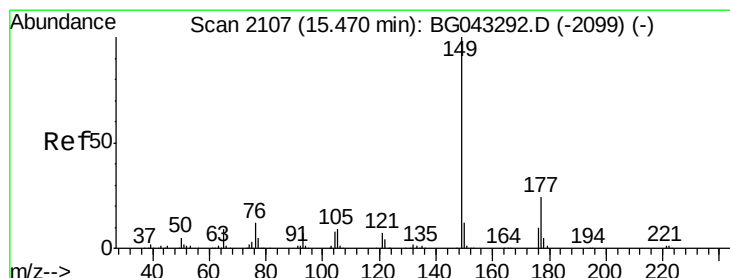
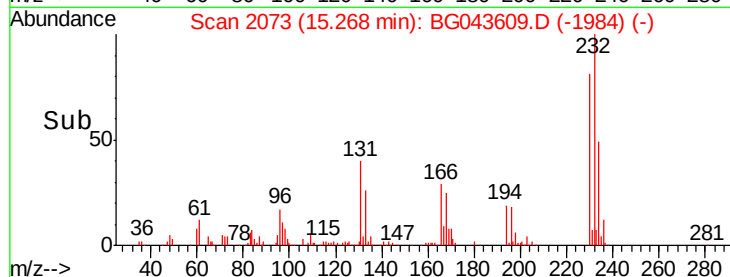
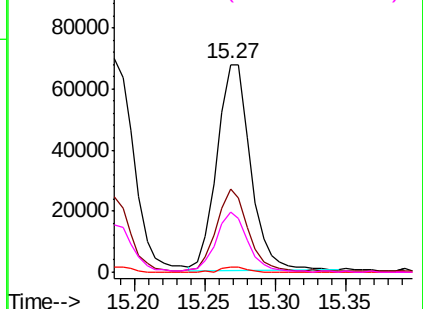


Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.767 ng

RT: 15.45 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

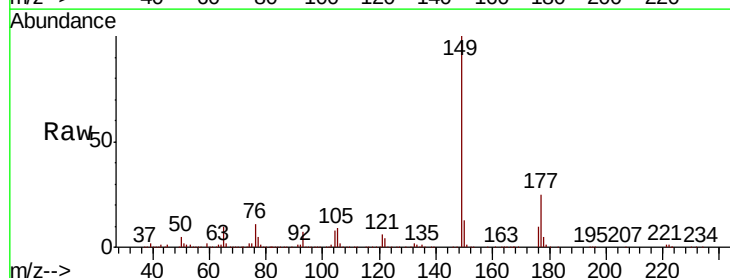
Tgt Ion:149 Resp: 374840

Ion Ratio Lower Upper

149 100

177 24.6 19.6 29.4

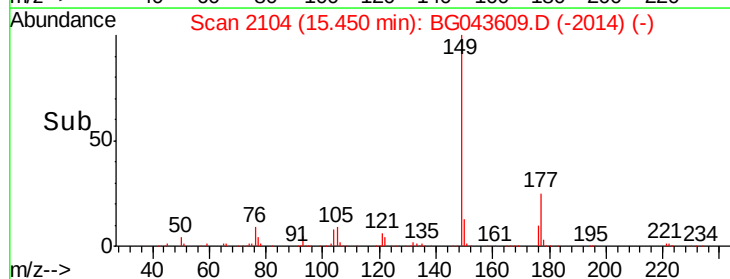
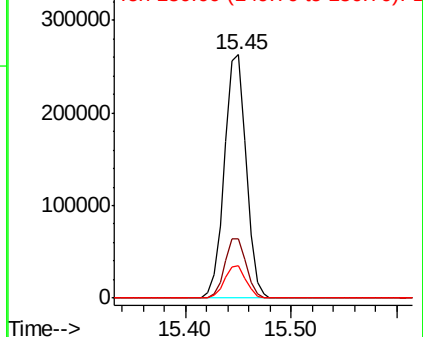
150 13.4 10.8 16.2

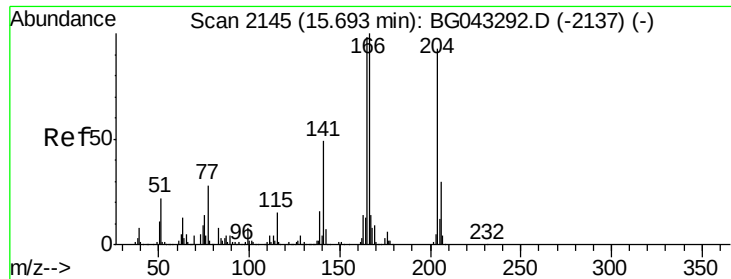


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

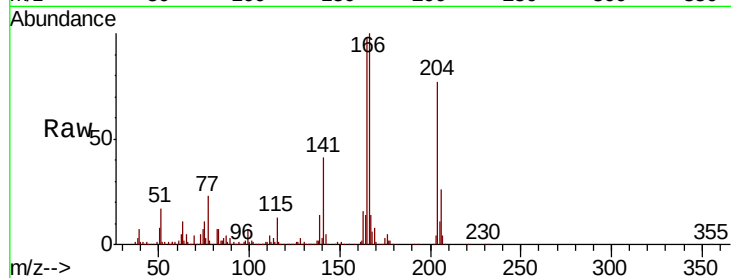




#61
4-Chlorophenyl-phenylether
Concen: 40.733 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	28.4	42.6
141	53.6	43.0	64.6

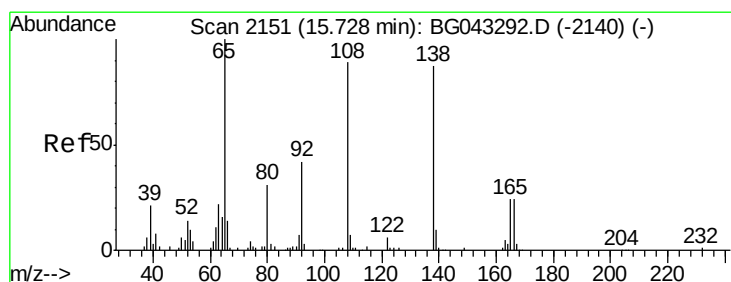
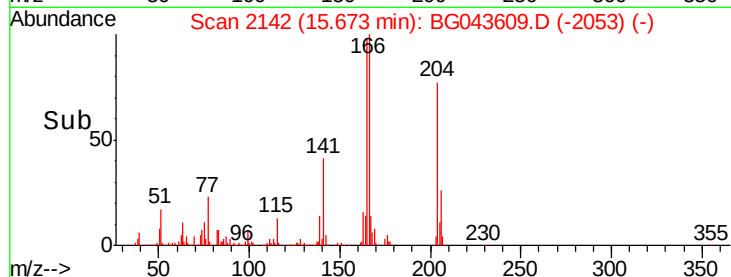
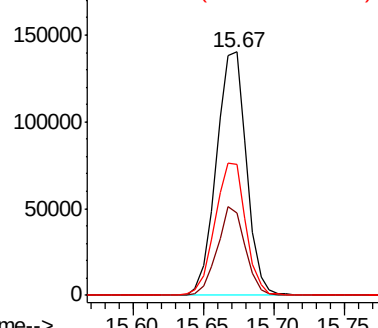


Abundance

Ion 204.00 (203.70 to 204.70): E

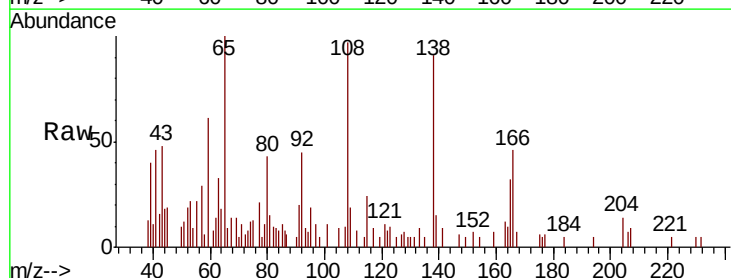
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 2.261 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.4	33.4	73.4
108	106.6	78.0	118.0

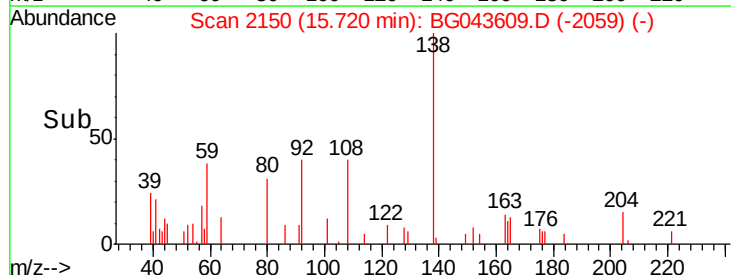
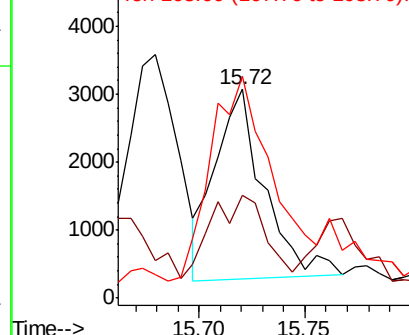


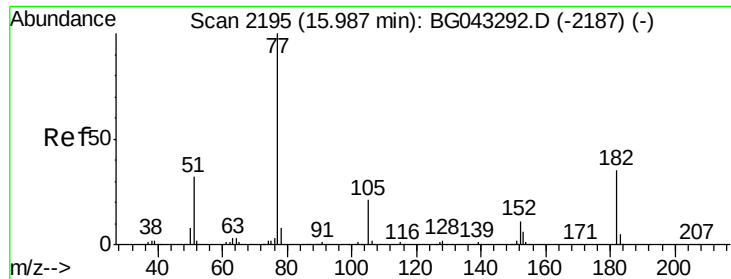
Abundance

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

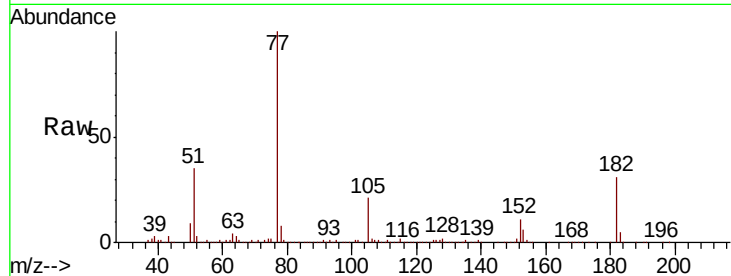




#63
Azobenzene
Concen: 40.414 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.4	13.7	53.7
105	21.0	0.4	40.4
51	35.4	11.0	51.0



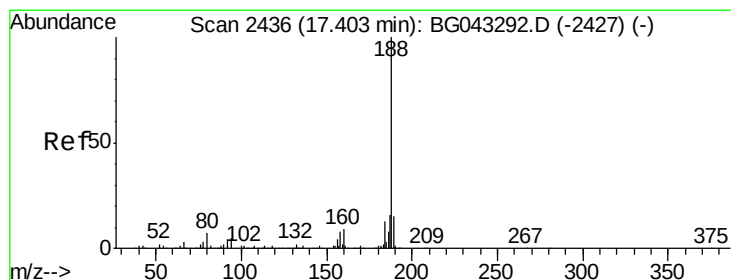
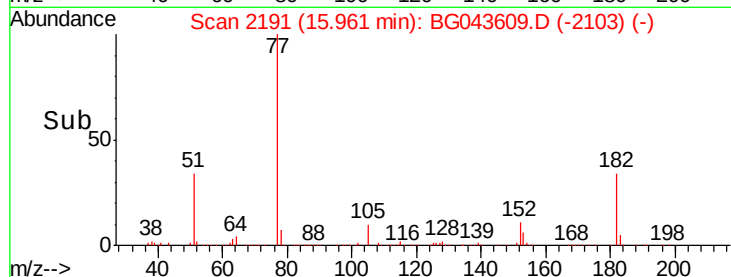
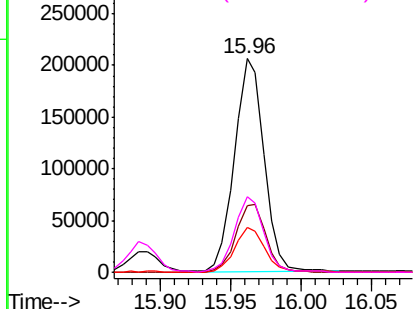
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

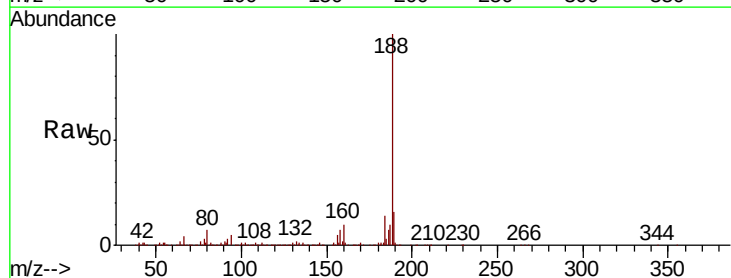
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.3	4.2	6.4
80	6.6	4.5	6.7

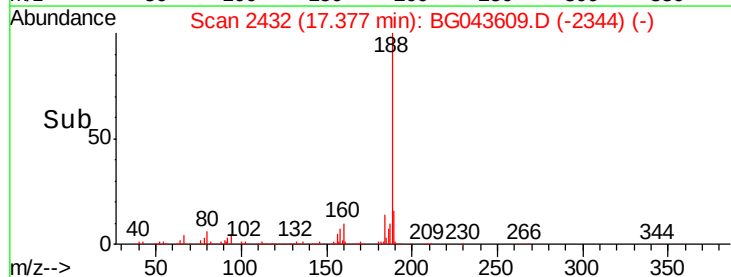
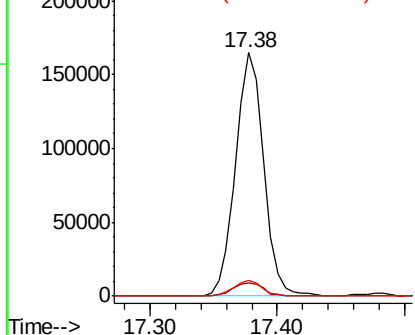


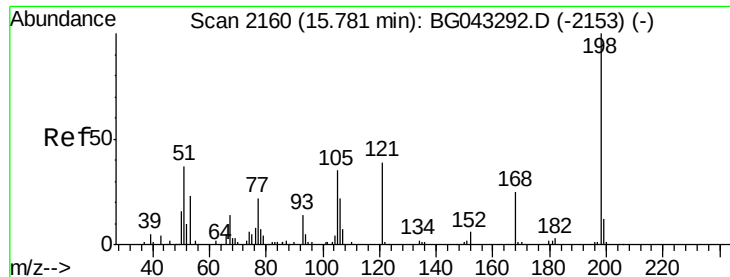
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

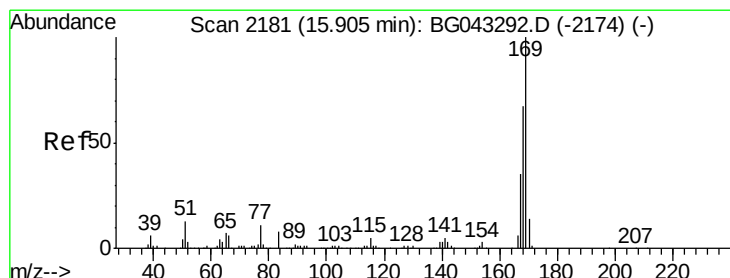
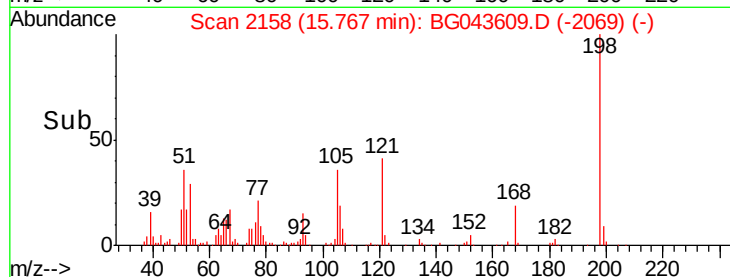
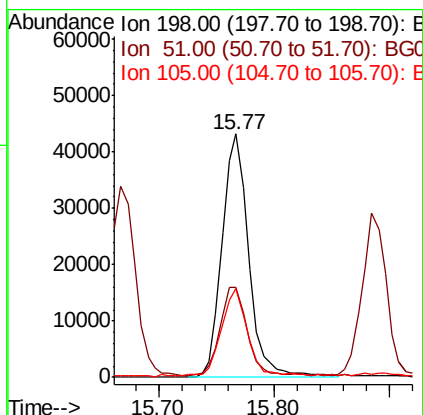
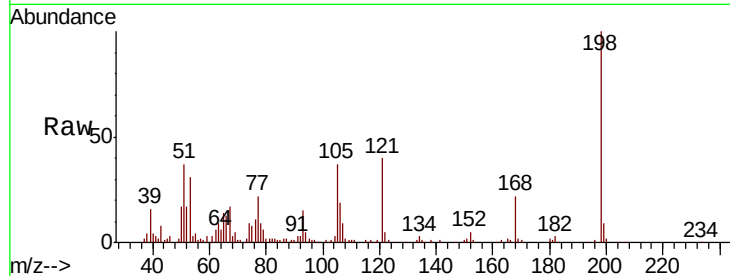




#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.604 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

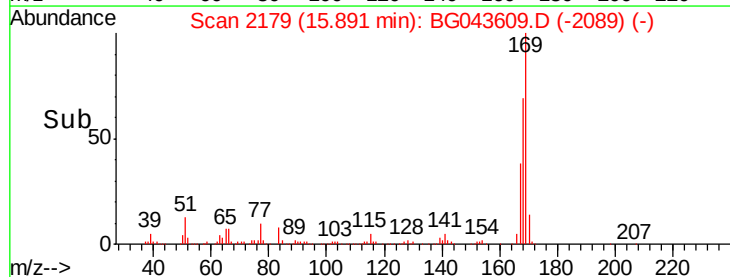
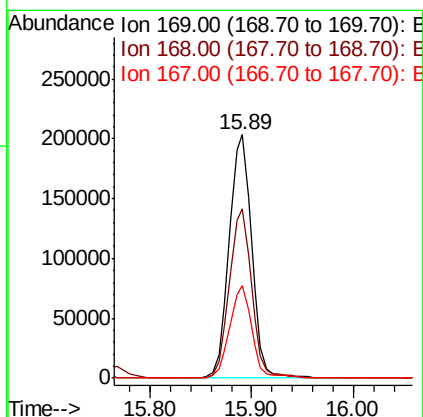
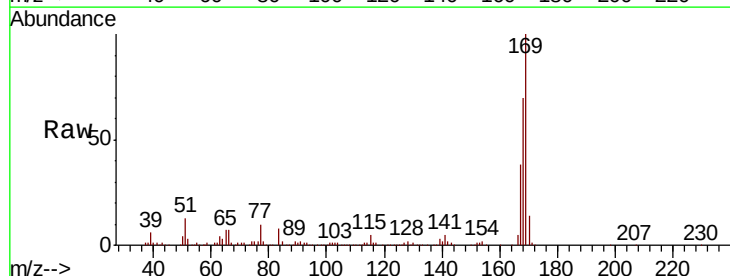
Instrument :
 BNA_G
 ClientSampled :

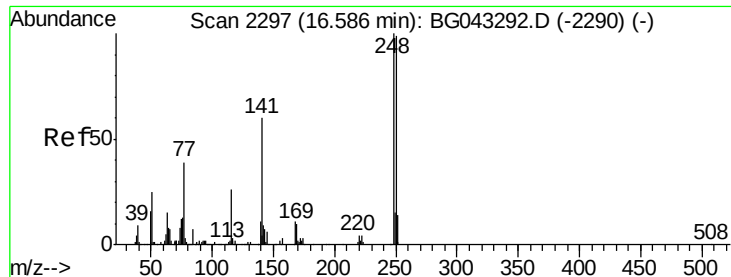
Tot Ion	Ratio	Lower	Upper
198	100		
51	36.8	13.2	53.2
105	36.6	15.8	55.8



#66
 n-Nitrosodiphenylamine
 Concen: 43.980 ng
 RT: 15.89 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.5	53.8	80.6
167	37.8	27.5	41.3

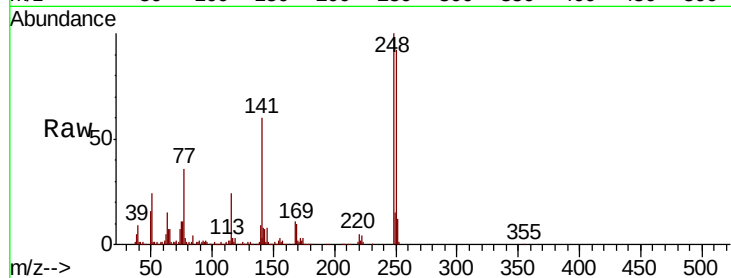




#67
4-Bromophenyl-phenylether
Concen: 42.935 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	91.8	77.0	115.4
141	59.7	47.5	71.3

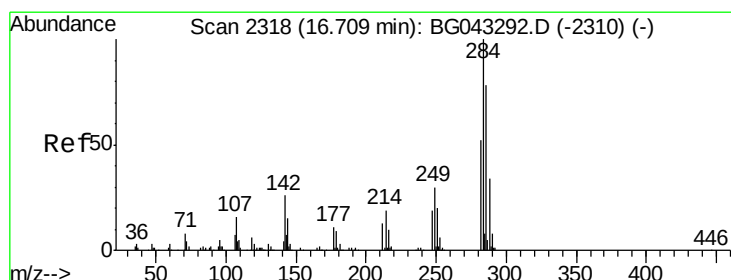
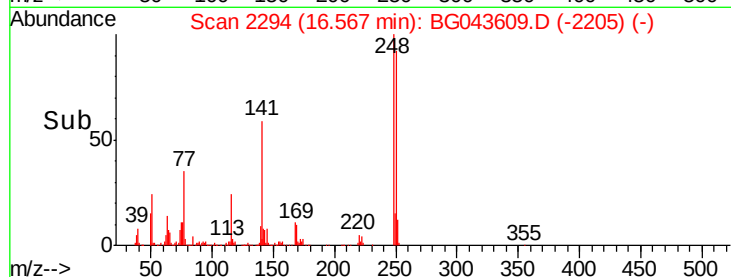
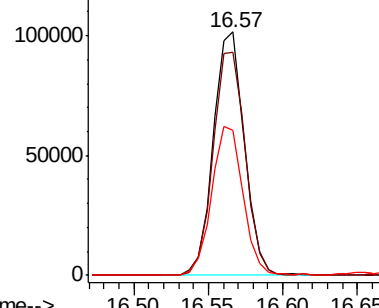


Abundance

Ion 248.00 (247.70 to 248.70): E

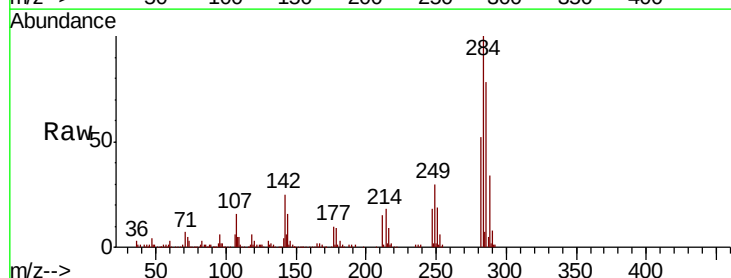
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.482 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.9	19.8	29.8
249	29.7	23.8	35.6

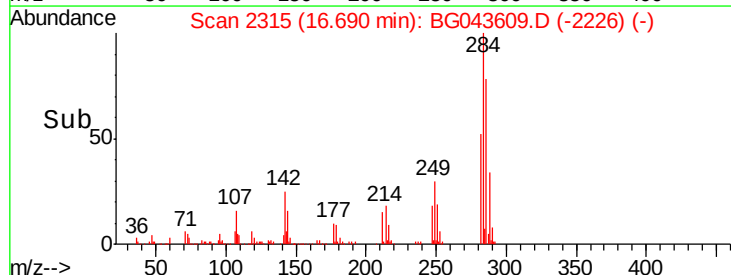
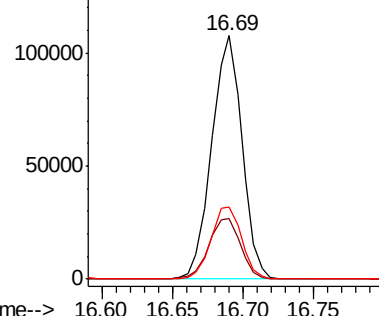


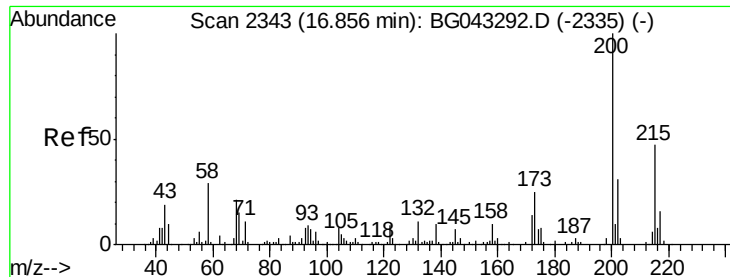
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 48.037 ng

RT: 16.84 min Scan# 2341

Delta R.T. -0.00 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampled :

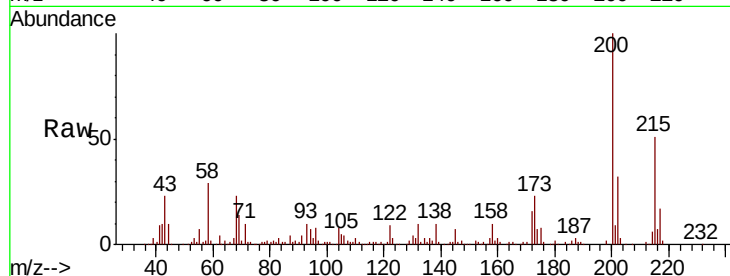
Tot Ion:200 Resp: 118958

Ion Ratio Lower Upper

200 100

173 22.6 4.7 44.7

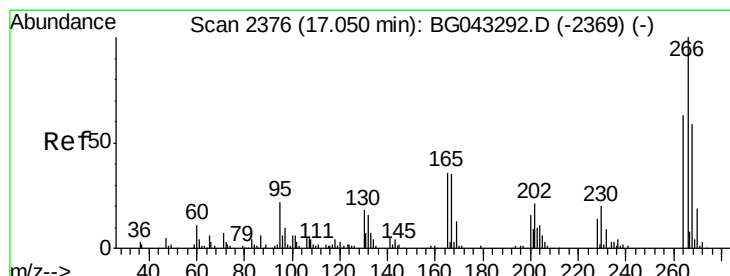
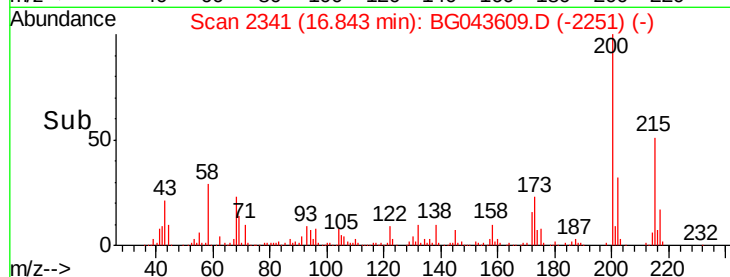
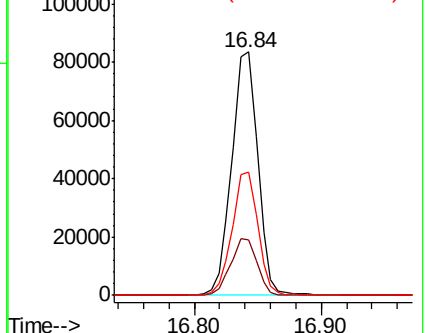
215 50.9 28.5 68.5



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



#70

Pentachlorophenol

Concen: 78.553 ng

RT: 17.04 min Scan# 2375

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

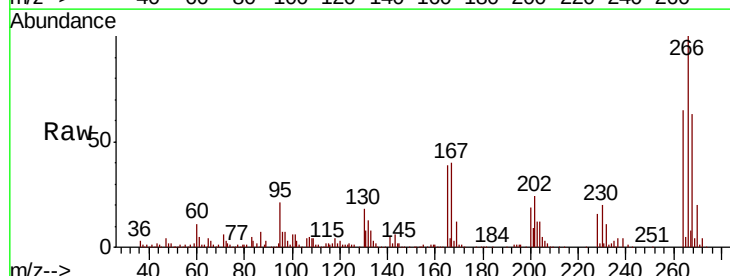
Tgt Ion:266 Resp: 139576

Ion Ratio Lower Upper

266 100

268 62.8 50.4 75.6

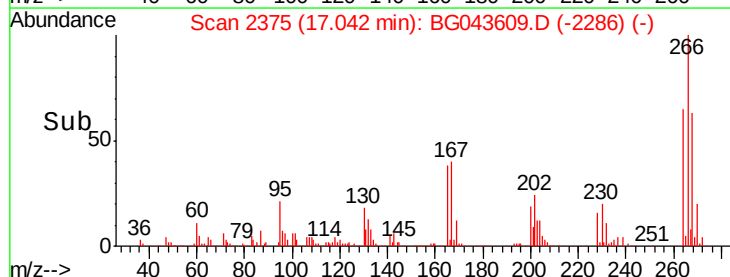
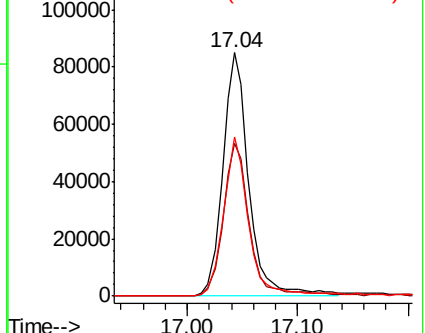
264 65.2 48.9 73.3

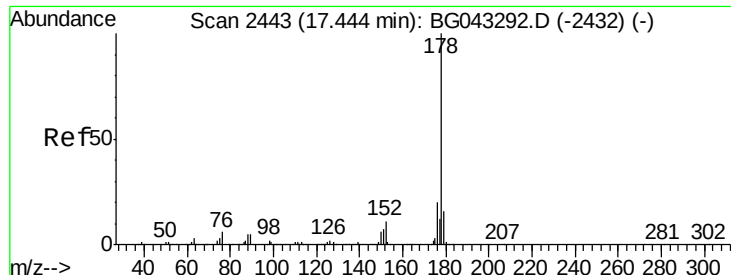


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

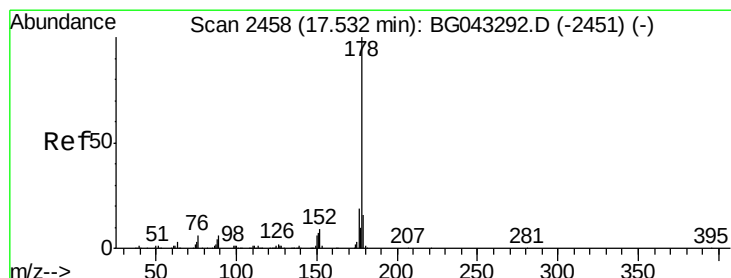
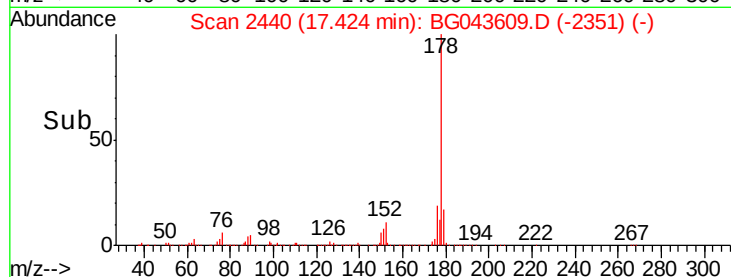
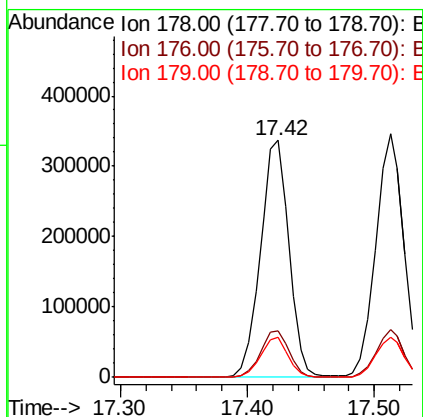
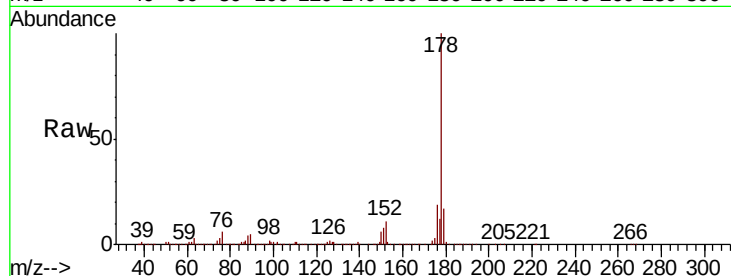




#71
Phenanthrene
Concen: 40.813 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

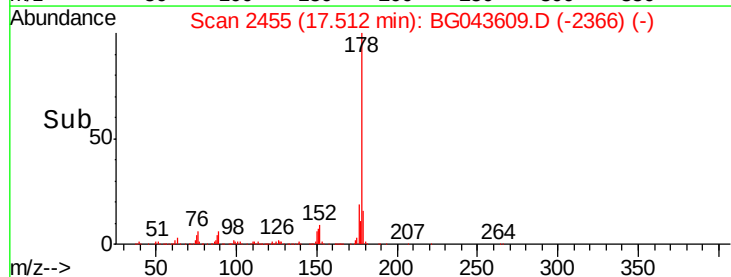
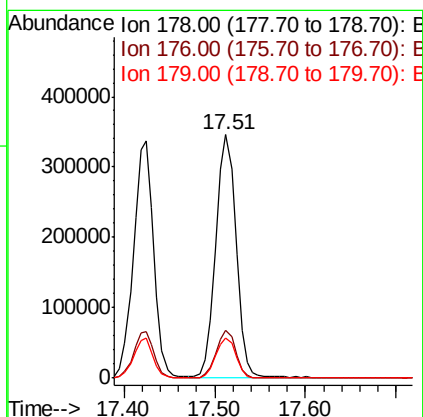
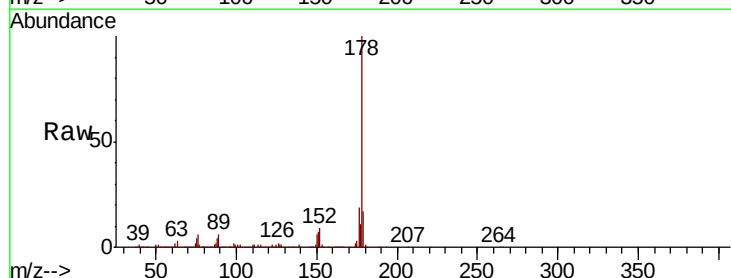
Instrument :
BNA_G
ClientSampled :

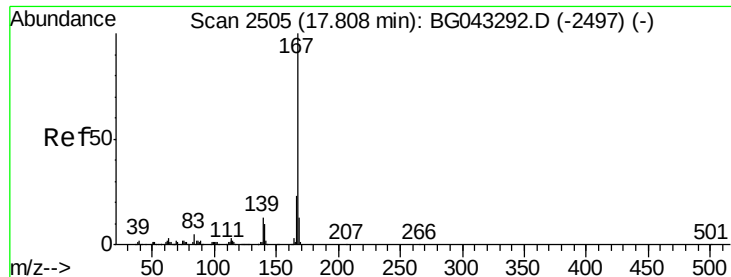
Tot Ion:178 Resp: 527552
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 17.1 13.0 19.6



#72
Anthracene
Concen: 41.706 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion:178 Resp: 539371
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 16.6 13.7 20.5

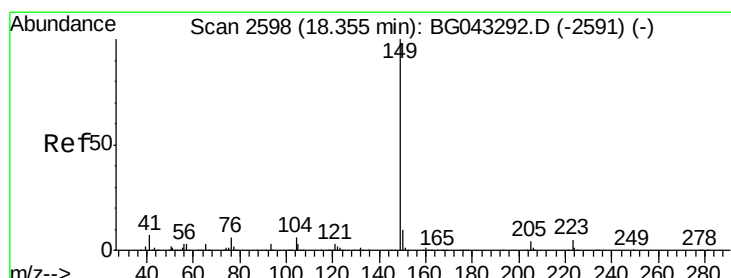
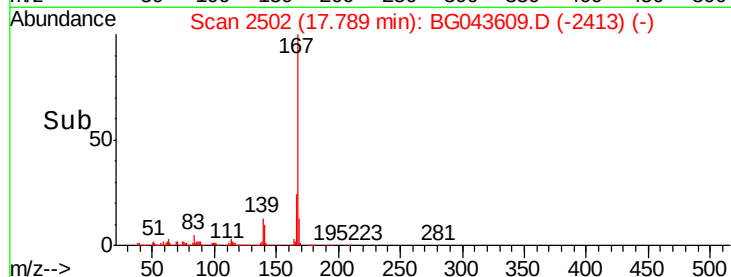
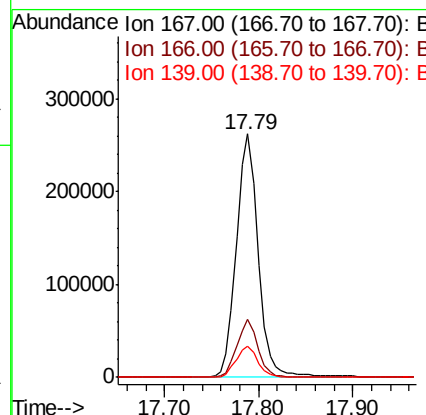
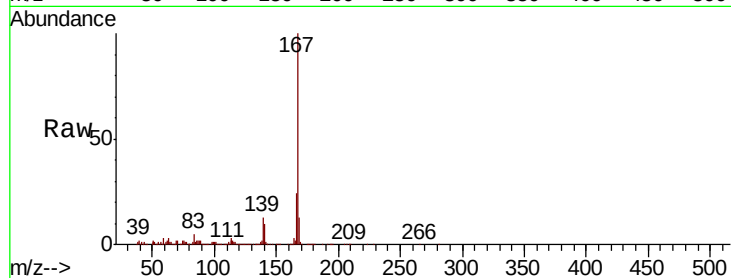




#73
 Carbazole
 Concen: 36.228 ng
 RT: 17.79 min Scan# 2502
 Delta R.T. -0.01 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

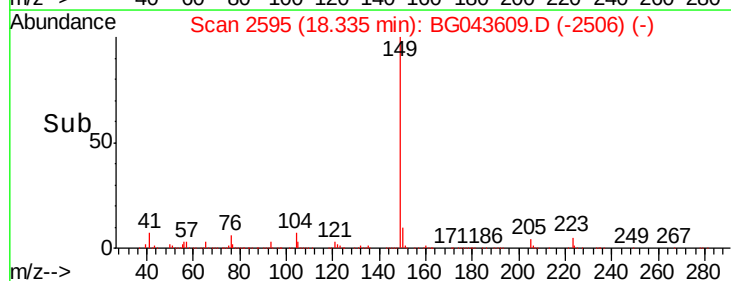
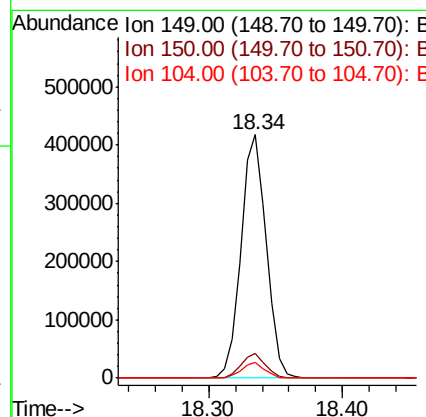
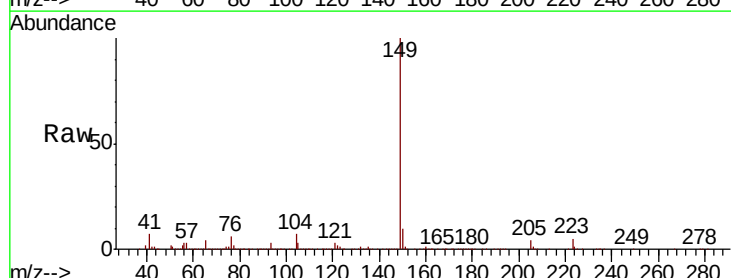
Instrument :
 BNA_G
 ClientSampleId :

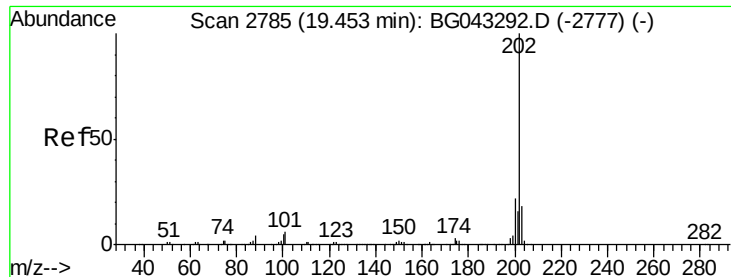
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.0	18.7	28.1
139	13.0	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 38.383 ng
 RT: 18.34 min Scan# 2595
 Delta R.T. -0.01 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.0	12.0
104	6.6	4.4	6.6#





#75

Fluoranthene

Concen: 35.354 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampled :

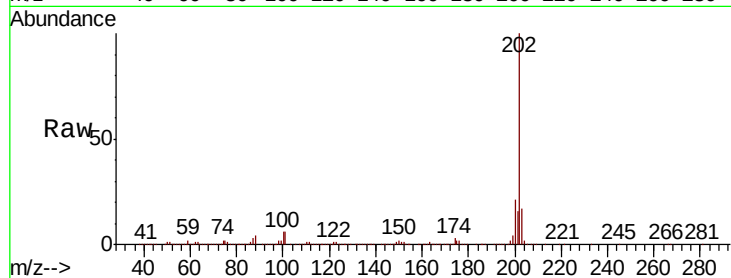
Tot Ion:202 Resp: 595772

Ion Ratio Lower Upper

202 100

101 6.2 0.0 26.3

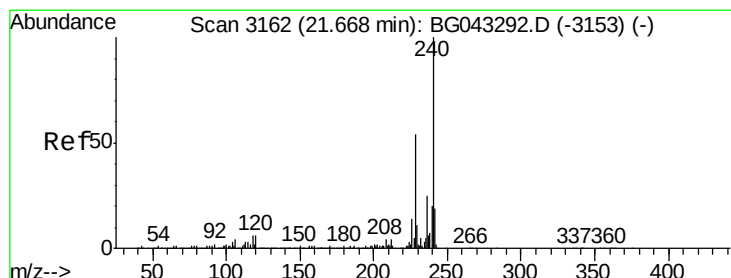
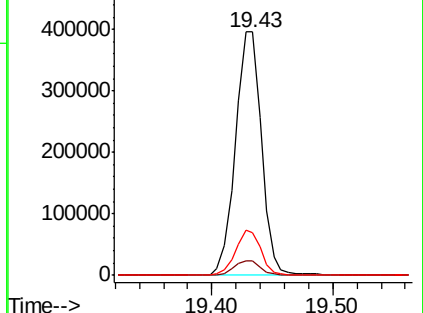
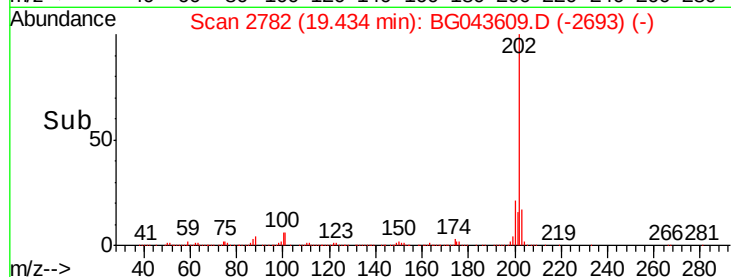
203 17.4 0.0 37.9



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

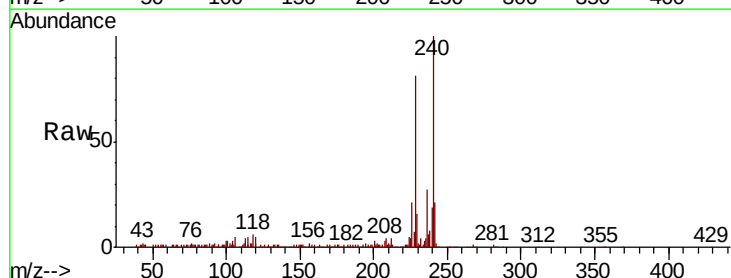
Tgt Ion:240 Resp: 225252

Ion Ratio Lower Upper

240 100

120 5.3 4.6 6.8

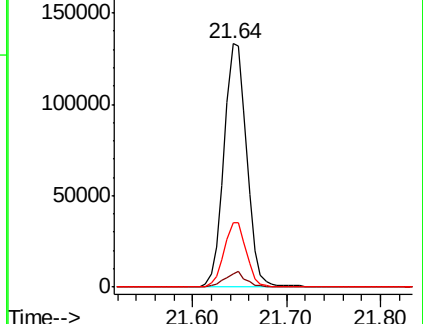
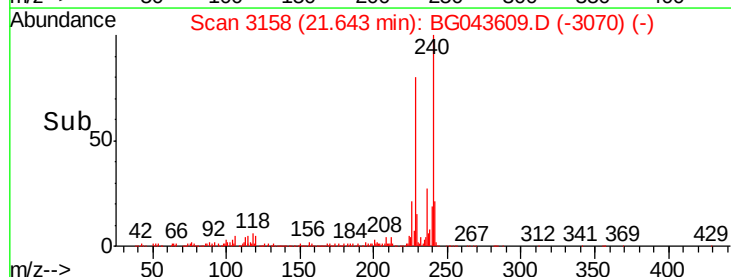
236 26.6 19.8 29.8

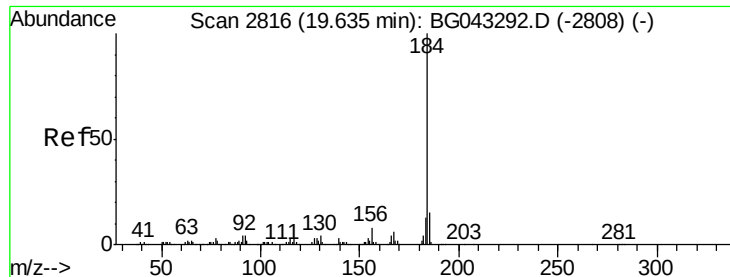


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.148 ng

RT: 19.87 min Scan# 2857

Delta R.T. 0.25 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampled :

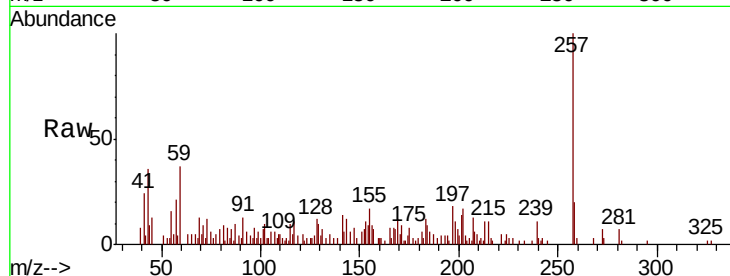
Tot Ion:184 Resp: 673

Ion Ratio Lower Upper

184 100

185 62.3 11.0 16.4#

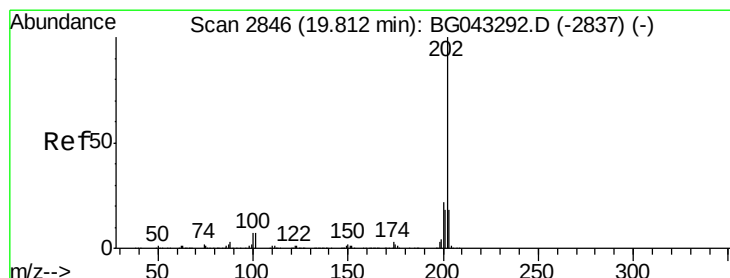
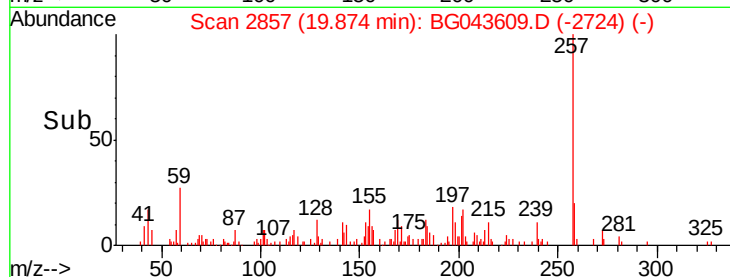
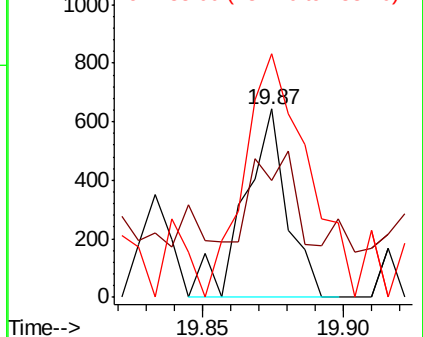
183 129.2 10.0 15.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.704 ng

RT: 19.79 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

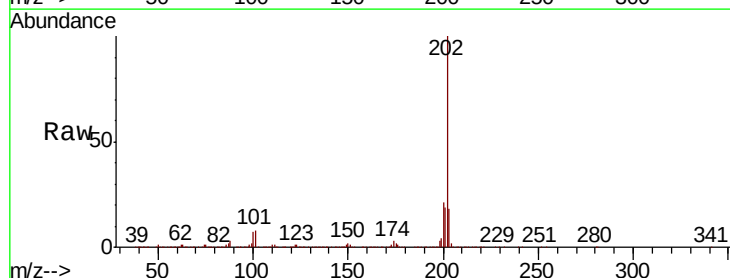
Tgt Ion:202 Resp: 595409

Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.4

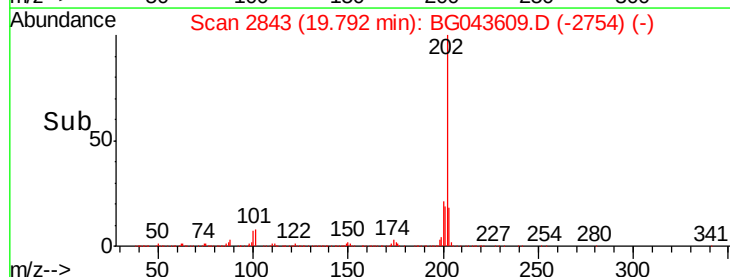
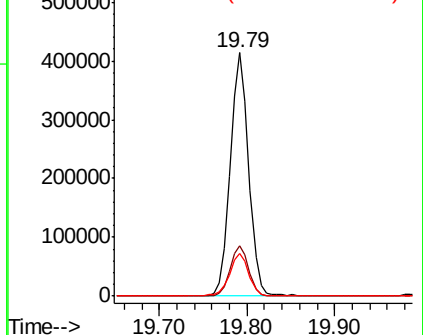
203 17.7 14.7 22.1

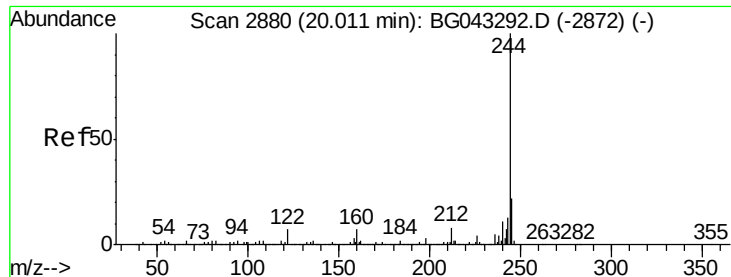


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.234 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampled :

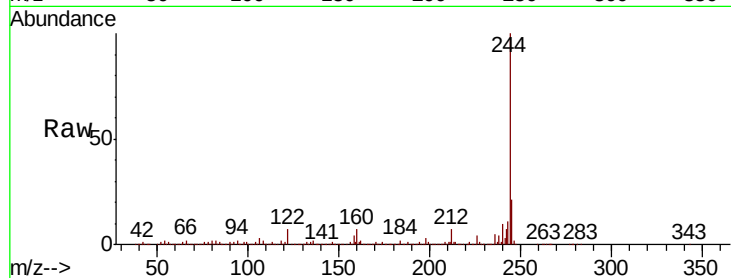
Tot Ion:244 Resp: 999364

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 7.4 5.4 8.2

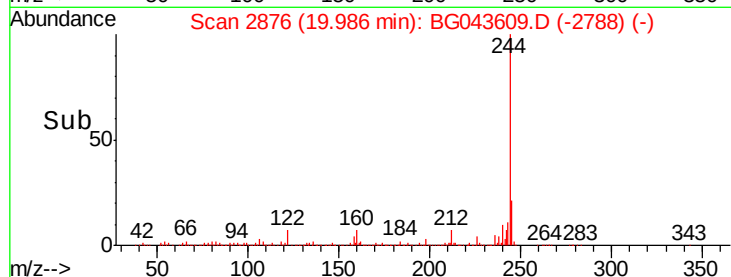


Abundance Ion 244.00 (243.70 to 244.70): E

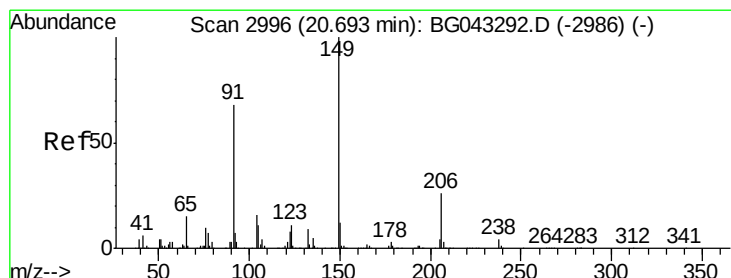
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

19.99



Time-->



#80

Butylbenzylphthalate

Concen: 41.735 ng

RT: 20.67 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

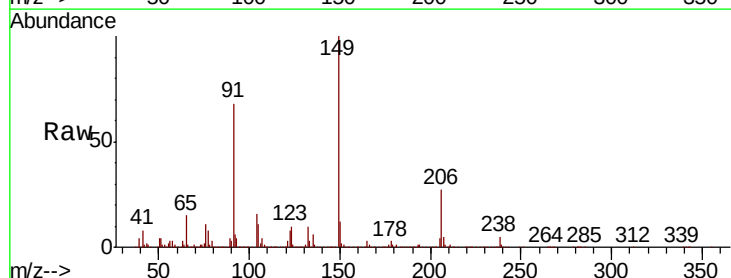
Tgt Ion:149 Resp: 220458

Ion Ratio Lower Upper

149 100

91 68.2 51.2 76.8

206 26.7 22.5 33.7

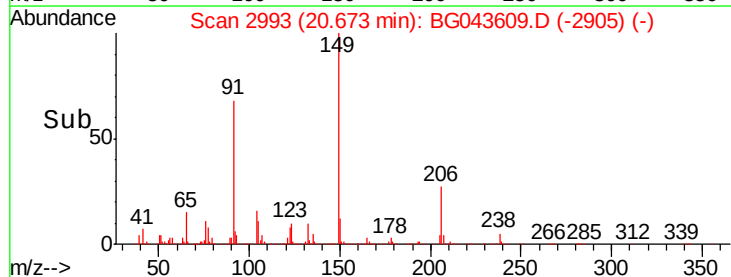


Abundance Ion 149.00 (148.70 to 149.70): E

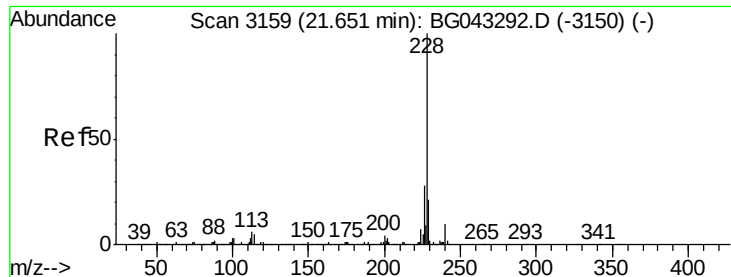
Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

20.67



Time-->



#81

Benzo(a)anthracene

Concen: 43.668 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

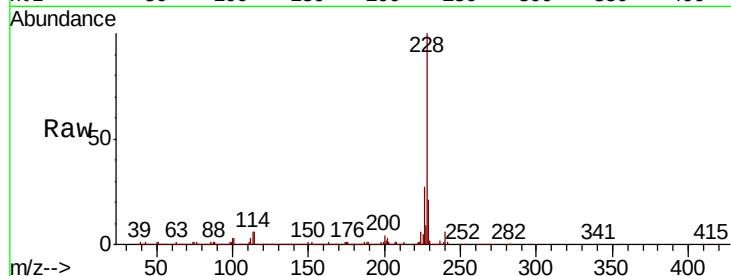
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 616140

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.2	33.2
229	20.5	17.0	25.4

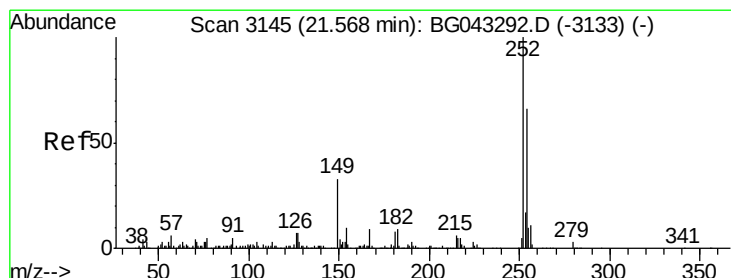
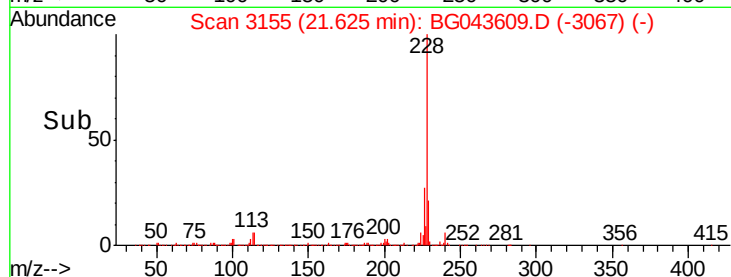
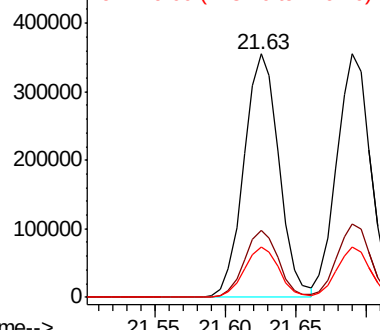


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.038 ng

RT: 21.51 min Scan# 3136

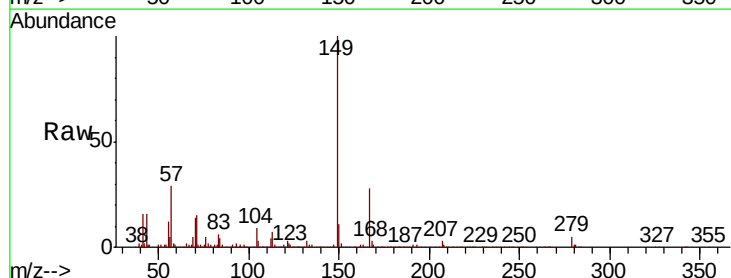
Delta R.T. -0.04 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Tgt Ion:252 Resp: 209

Ion	Ratio	Lower	Upper
252	100		
254	0.0	50.8	76.2#
126	72.9	6.1	9.1#

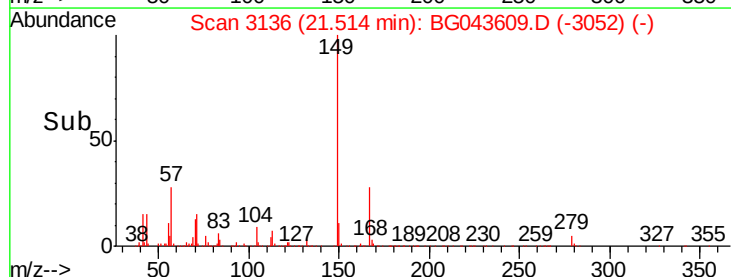
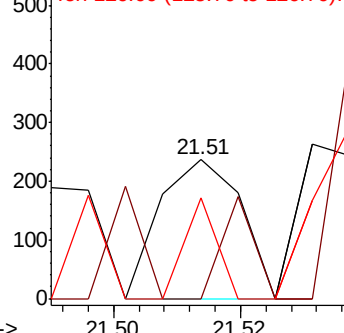


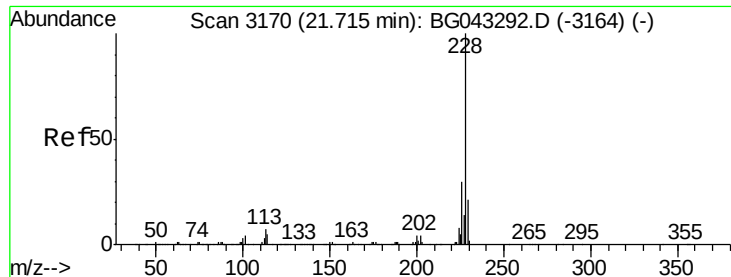
Abundance

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





#83

Chrysene

Concen: 42.377 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampleId :

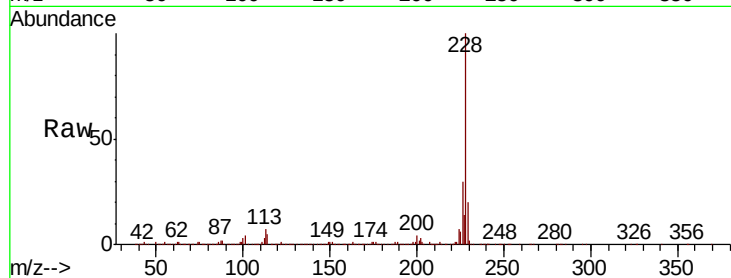
Tot Ion:228 Resp: 594084

Ion Ratio Lower Upper

228 100

226 30.0 25.1 37.7

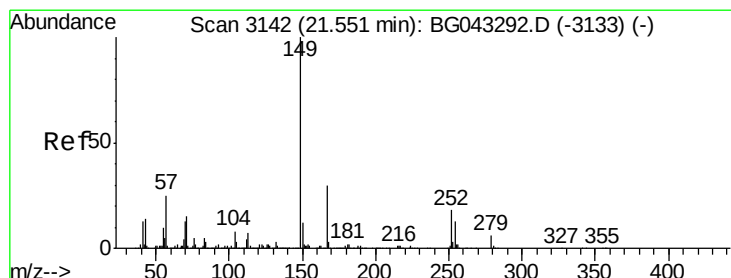
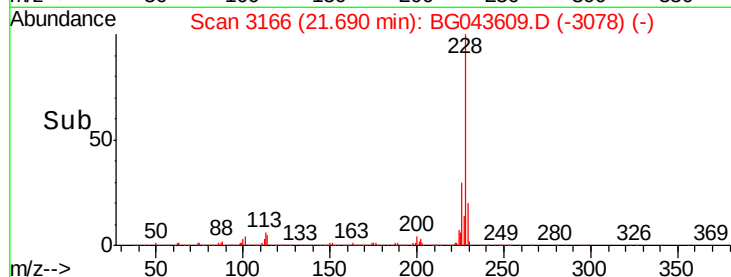
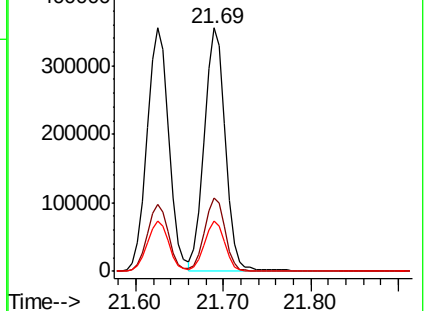
229 20.4 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.170 ng

RT: 21.53 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

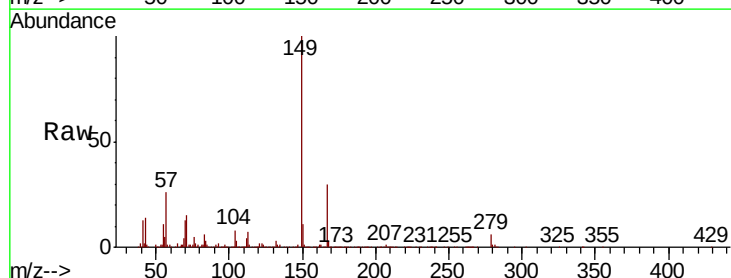
Tgt Ion:149 Resp: 331441

Ion Ratio Lower Upper

149 100

167 29.5 24.0 36.0

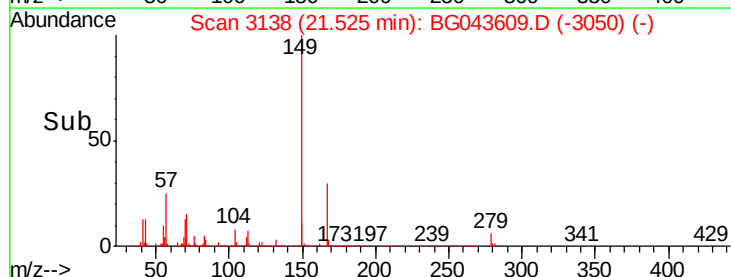
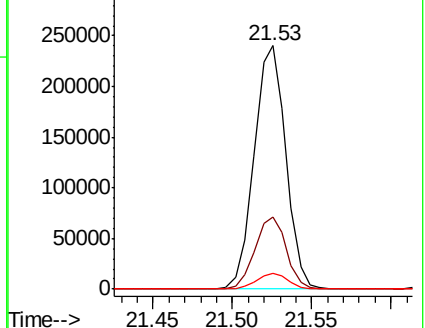
279 6.4 5.4 8.2

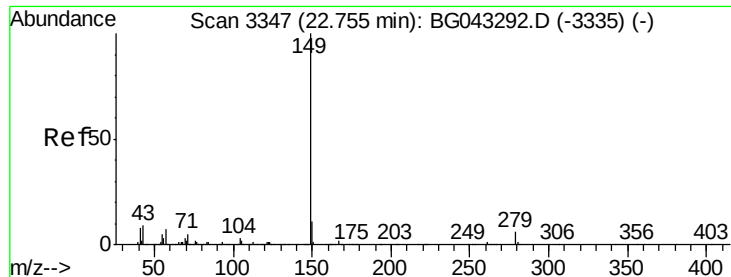


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

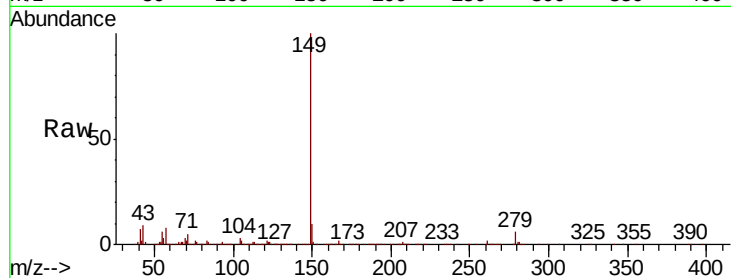




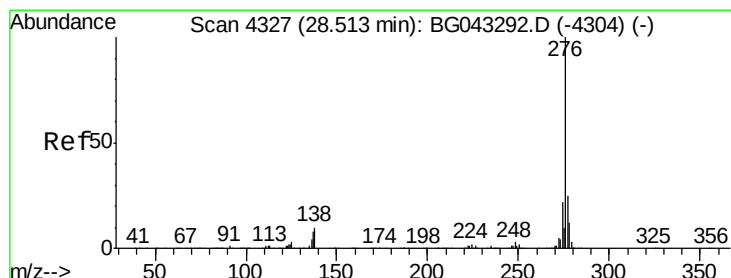
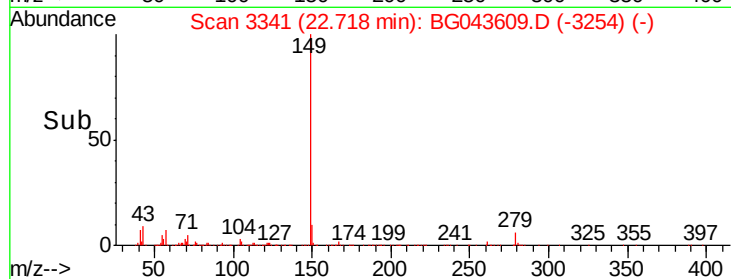
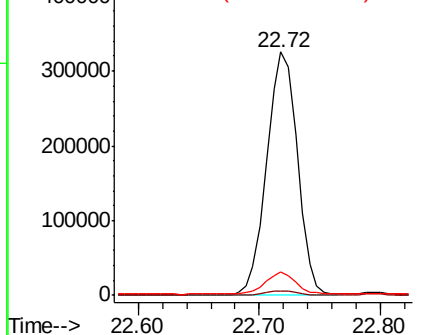
#85
Di-n-octyl phthalate
Concen: 44.778 ng
RT: 22.72 min Scan# 3341
Delta R.T. -0.02 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.2
43	9.6	7.0	10.6

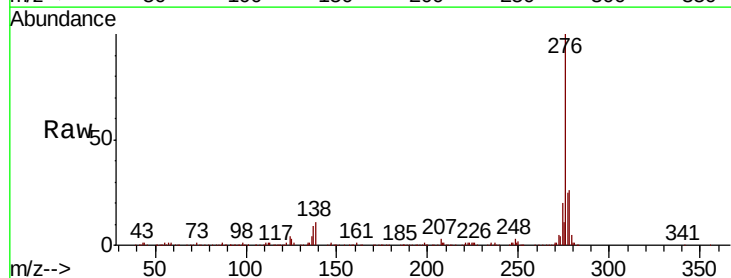


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

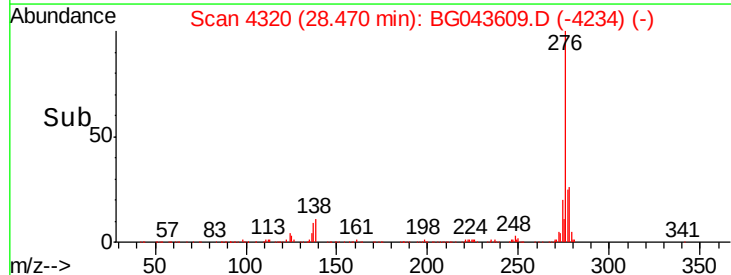
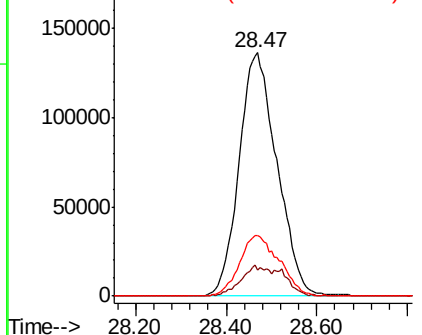


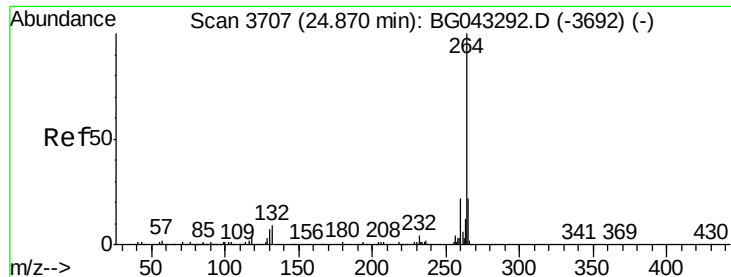
#86
Indeno(1,2,3-cd)pyrene
Concen: 44.961 ng
RT: 28.47 min Scan# 4320
Delta R.T. -0.03 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.2	6.8	10.2
277	26.2	20.9	31.3



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.83 min Scan# 3700

Delta R.T. -0.03 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampleId :

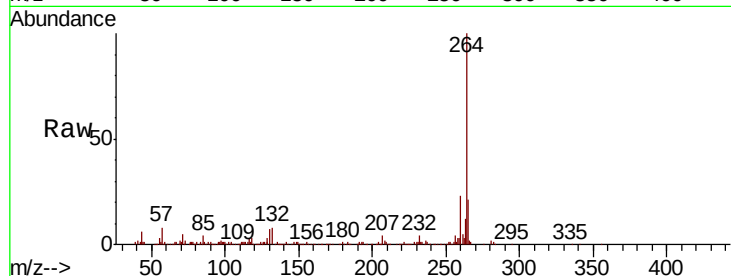
Tot Ion:264 Resp: 273070

Ion Ratio Lower Upper

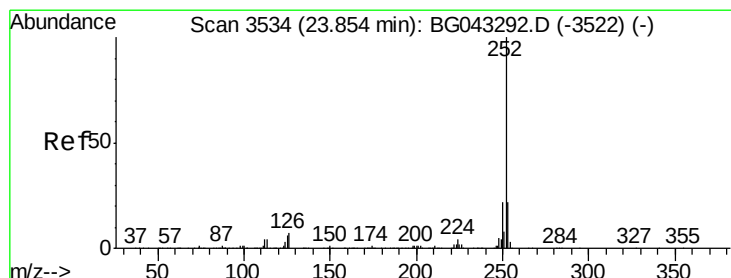
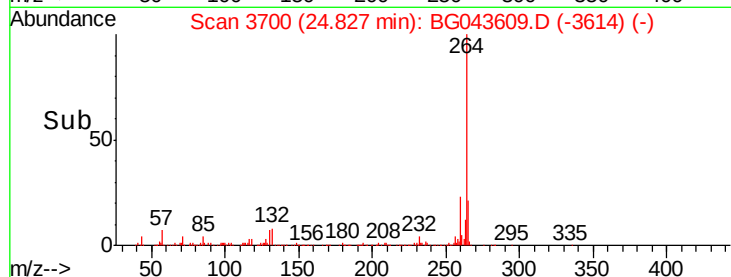
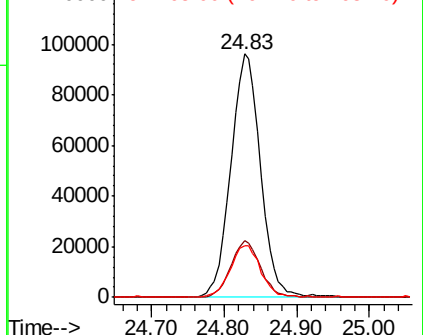
264 100

260 23.3 17.5 26.3

265 21.5 17.4 26.0



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: 41.779 ng

RT: 23.82 min Scan# 3529

Delta R.T. -0.02 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

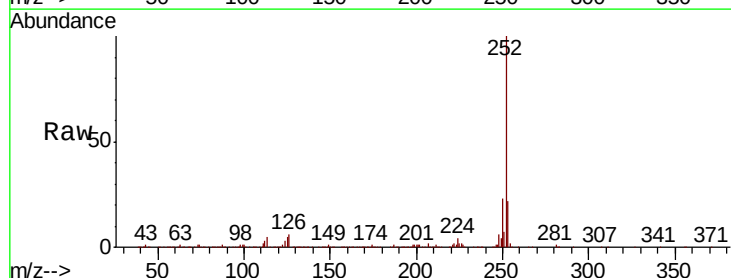
Tgt Ion:252 Resp: 646147

Ion Ratio Lower Upper

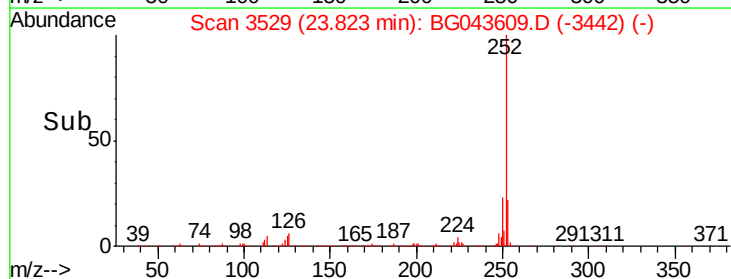
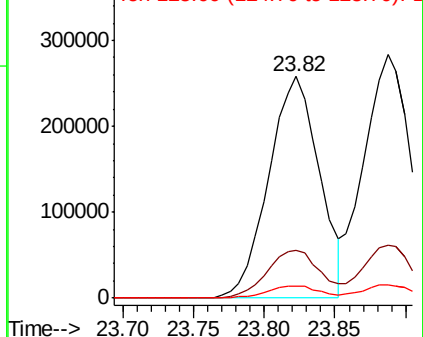
252 100

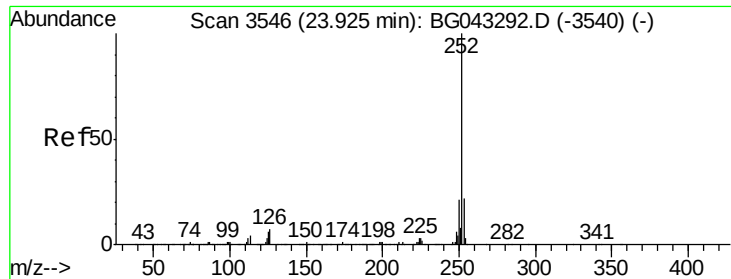
253 21.6 17.7 26.5

125 5.4 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

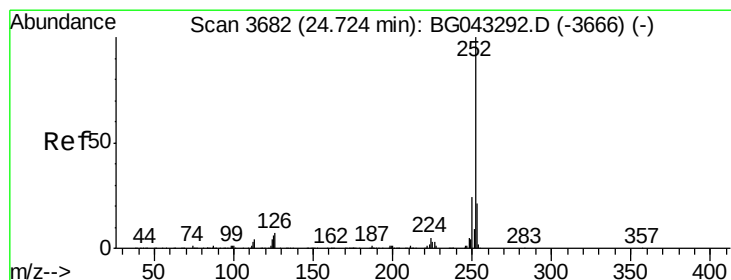
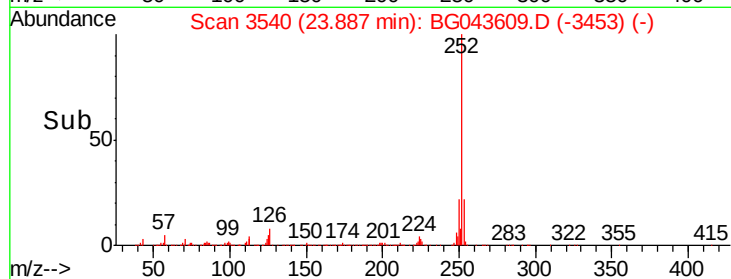
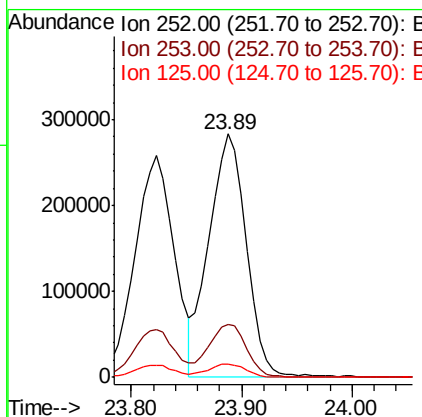
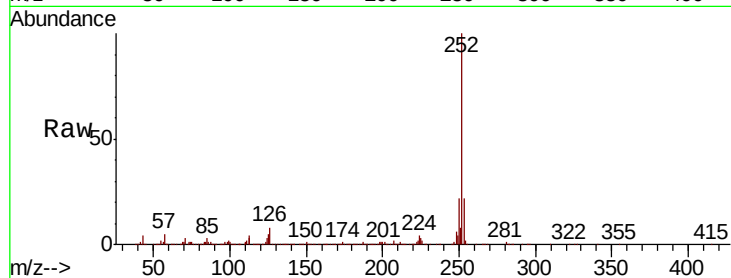




#89
Benzo(k)fluoranthene
Concen: 42.405 ng
RT: 23.89 min Scan# 3540
Delta R.T. -0.02 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

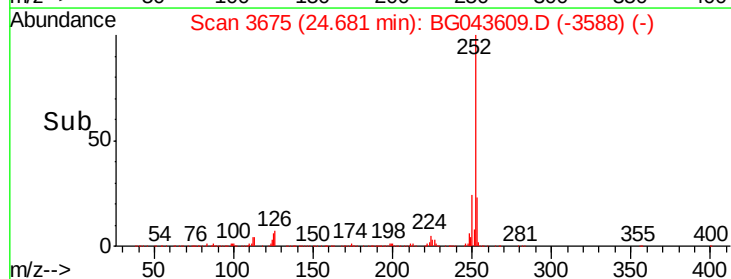
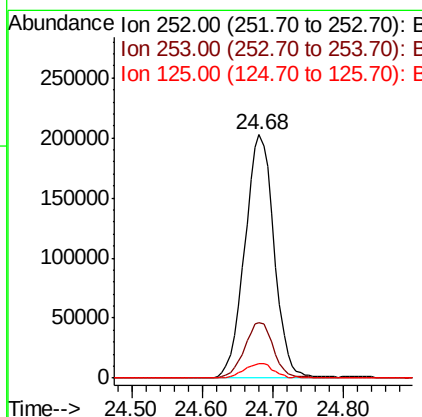
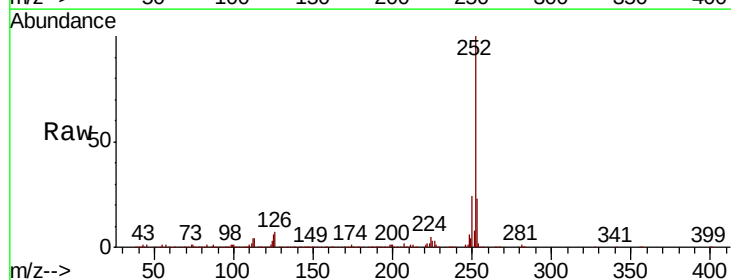
Instrument :
BNA_G
ClientSampleId :

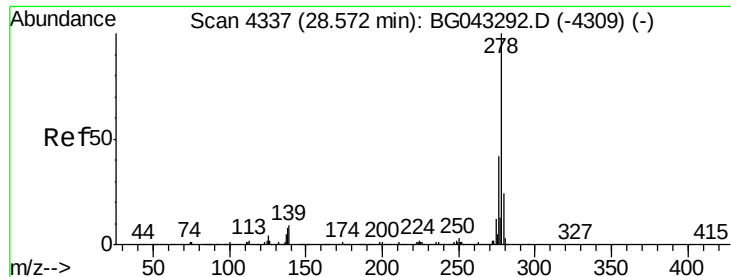
Tot Ion:252 Resp: 660227
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 5.2 4.6 6.8



#90
Benzo(a)pyrene
Concen: 39.729 ng
RT: 24.68 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion:252 Resp: 586754
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 6.0 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 44.343 ng

RT: 28.52 min Scan# 4329

Delta R.T. -0.03 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

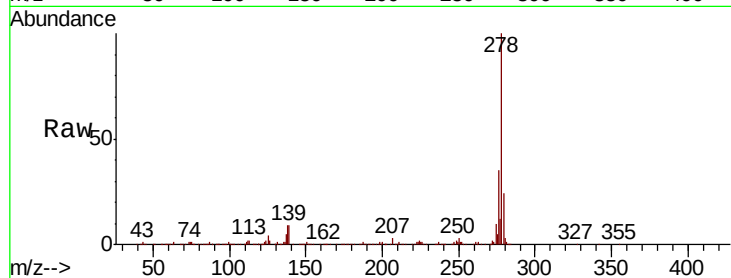
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 669857

Ion	Ratio	Lower	Upper
278	100		
139	8.7	7.4	11.0
279	24.0	19.1	28.7

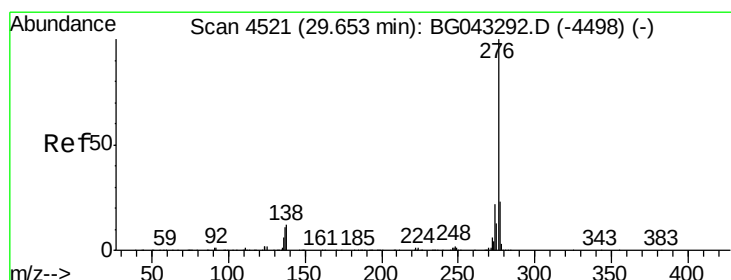
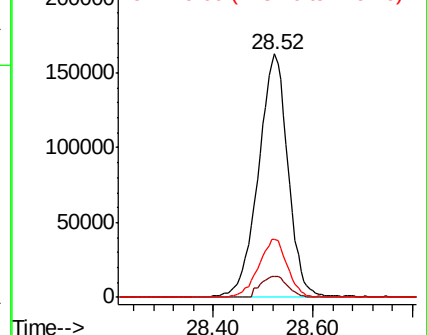
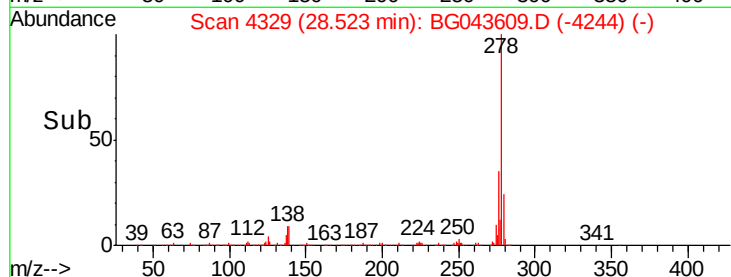


Abundance

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(g,h,i)perylene

Concen: 44.518 ng

RT: 29.61 min Scan# 4514

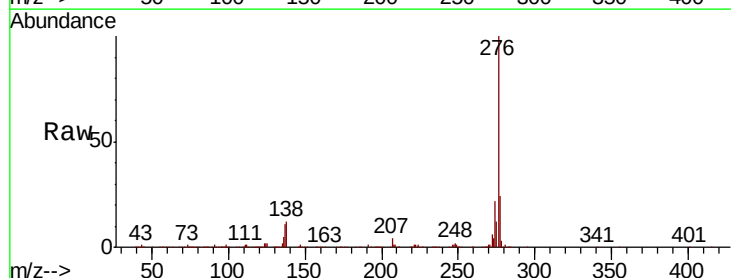
Delta R.T. -0.02 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Tgt Ion:276 Resp: 663350

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.9	28.3
138	12.2	8.9	13.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

