

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100519\
 Data File : BG043051.D
 Acq On : 5 Oct 2019 12:21
 Operator : JU
 Sample : PB123649BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123649BS

Quant Time: Oct 06 23:52:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	81004	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	312725	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	223261	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	532782	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	591005	20.00	ng	-0.02
87) Perylene-d12	24.91	264	586424	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	514241	113.29	ng	0.00
7) Phenol-d6	7.24	99	693262	106.06	ng	0.00
23) Nitrobenzene-d5	9.22	82	408121	63.43	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	434239	113.11	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1028962	66.81	ng	-0.02
79) Terphenyl-d14	20.03	244	1889297	68.12	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	63874	33.752	ng	92
3) Pyridine	3.93	79	160185	30.095	ng	90
4) n-Nitrosodimethylamine	3.85	42	102819	40.170	ng	# 81
6) Aniline	7.39	93	264364	33.505	ng	97
8) 2-Chlorophenol	7.64	128	217745	46.000	ng	97
9) Benzaldehyde	7.19	77	107729	26.971	ng	89
10) Phenol	7.26	94	269631	44.961	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	188310	40.584	ng	93
12) 1,3-Dichlorobenzene	7.95	146	244457	40.483	ng	98
13) 1,4-Dichlorobenzene	8.09	146	246209	40.901	ng	99
14) 1,2-Dichlorobenzene	8.42	146	234934	40.993	ng	95
15) Benzyl Alcohol	8.30	79	211517	43.041	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	287015	32.209	ng	95
17) 2-Methylphenol	8.51	107	187755	44.745	ng	97
18) Hexachloroethane	9.15	117	85661	37.784	ng	94
19) n-Nitroso-di-n-propylamine	8.87	70	161722	37.680	ng	93
20) 3+4-Methylphenols	8.84	107	253974	44.166	ng	95
22) Acetophenone	8.88	105	323421	40.121	ng	# 95
24) Nitrobenzene	9.26	77	252133	41.084	ng	94
25) Isophorone	9.79	82	457524	40.483	ng	99
26) 2-Nitrophenol	9.97	139	125152	47.904	ng	96
27) 2,4-Dimethylphenol	10.04	122	206598	51.493	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	254465	39.685	ng	95
29) 2,4-Dichlorophenol	10.52	162	236354	47.367	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	258431	40.106	ng	97
31) Naphthalene	10.91	128	649767	42.208	ng	99
32) Benzoic acid	10.20	122	129180	42.433	ng	97
33) 4-Chloroaniline	11.03	127	205189	30.717	ng	96
34) Hexachlorobutadiene	11.20	225	186613	38.678	ng	99
35) Caprolactam	11.81	113	41588	23.634	ng	92
36) 4-Chloro-3-methylphenol	12.15	107	251150	46.291	ng	94
37) 2-Methylnaphthalene	12.52	142	501732	42.723	ng	96
38) 1-Methylnaphthalene	12.74	142	473268	42.589	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	331296	39.466	ng	100

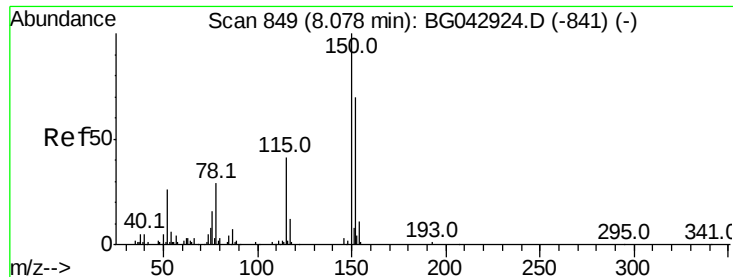
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100519\
 Data File : BG043051.D
 Acq On : 5 Oct 2019 12:21
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	374091	69.942	ng	98
43) 2,4,6-Trichlorophenol	13.12	196	223184	45.424	ng	98
44) 2,4,5-Trichlorophenol	13.20	196	234834	46.397	ng	97
46) 1,1'-Biphenyl	13.52	154	673199	39.762	ng	98
47) 2-Chloronaphthalene	13.56	162	530464	41.789	ng	99
48) 2-Nitroaniline	13.76	65	172142	40.779	ng	91
49) Acenaphthylene	14.40	152	841732	43.335	ng	98
50) Dimethylphthalate	14.14	163	690439	41.274	ng	98
51) 2,6-Dinitrotoluene	14.25	165	160144	44.954	ng	92
52) Acenaphthene	14.75	154	517919	39.836	ng	98
53) 3-Nitroaniline	14.59	138	128571	34.923	ng	97
54) 2,4-Dinitrophenol	14.79	184	189688	85.665	ng	91
55) Dibenzofuran	15.08	168	825788	42.937	ng	99
56) 4-Nitrophenol	14.91	139	257428	91.772	ng	93
57) 2,4-Dinitrotoluene	15.04	165	229108	43.918	ng	97
58) Fluorene	15.73	166	693481	42.234	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	235825	43.759	ng	99
60) Diethylphthalate	15.50	149	689567	40.505	ng	98
61) 4-Chlorophenyl-phenylether	15.72	204	403794	41.005	ng	97
62) 4-Nitroaniline	15.76	138	166269	41.410	ng	96
63) Azobenzene	16.01	77	611065	39.425	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	142796	47.365	ng	93
66) n-Nitrosodiphenylamine	15.94	169	621464	44.186	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	288647	43.166	ng	96
68) Hexachlorobenzene	16.74	284	313660	42.128	ng	96
69) Atrazine	16.88	200	238979	40.350	ng	96
70) Pentachlorophenol	17.08	266	388544	90.439	ng	98
71) Phenanthrene	17.47	178	1105333	42.495	ng	97
72) Anthracene	17.56	178	1119306	43.105	ng	98
73) Carbazole	17.83	167	1044015	43.357	ng	99
74) Di-n-butylphthalate	18.38	149	1196514	41.647	ng	99
75) Fluoranthene	19.47	202	1451206	42.182	ng	100
77) Benzidine	19.66	184	422956	28.582	ng	99
78) Pyrene	19.84	202	1447153	41.025	ng	98
80) Butylbenzylphthalate	20.72	149	567732	42.401	ng	99
81) Benzo(a)anthracene	21.68	228	1529562	41.536	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	567249	39.274	ng	99
83) Chrysene	21.74	228	1460423	40.867	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	828051	43.462	ng	100
85) Di-n-octyl phthalate	22.79	149	1368745	43.934	ng	97
86) Indeno(1,2,3-cd)pyrene	28.59	276	1972913	44.347	ng	98
88) Benzo(b)fluoranthene	23.89	252	1634202	49.251	ng	98
89) Benzo(k)fluoranthene	23.96	252	1596487	48.635	ng	99
90) Benzo(a)pyrene	24.77	252	1581905	50.531	ng	100
91) Dibenzo(a,h)anthracene	28.65	278	1668304	51.970	ng	99
92) Benzo(g,h,i)perylene	29.74	276	1622942	52.179	ng	96

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

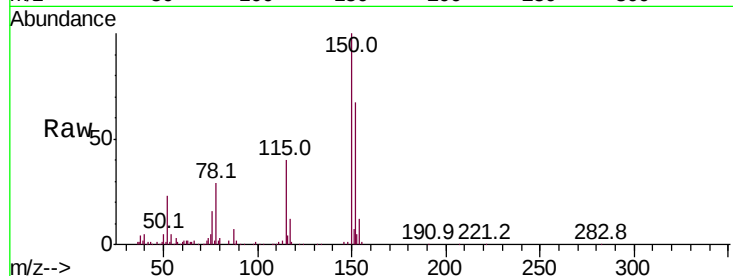


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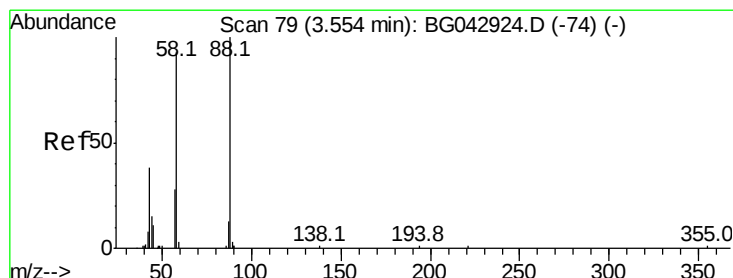
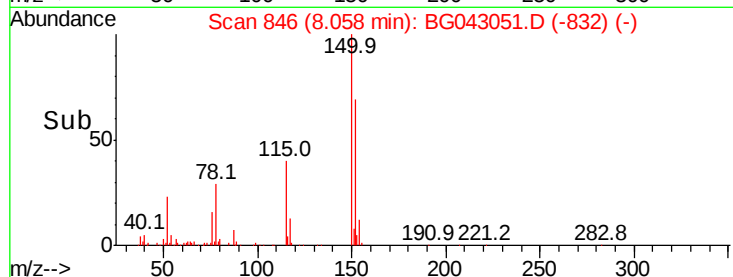
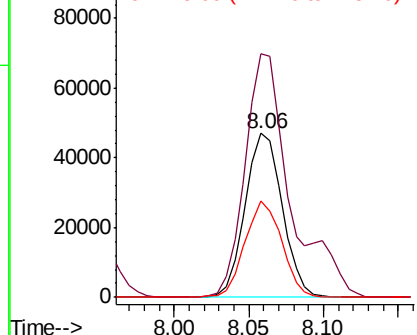
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB123649BS

Tot Ion:152 Resp: 81004
Ion Ratio Lower Upper
152 100
150 148.6 115.0 172.4
115 58.7 47.0 70.6



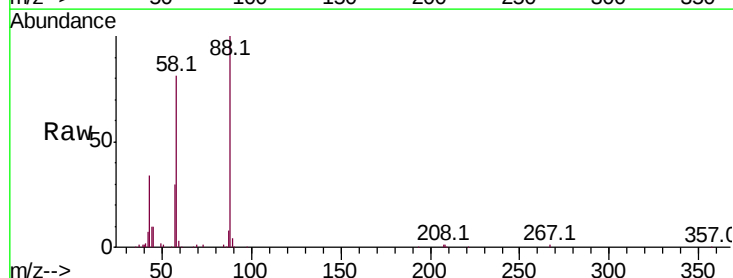
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



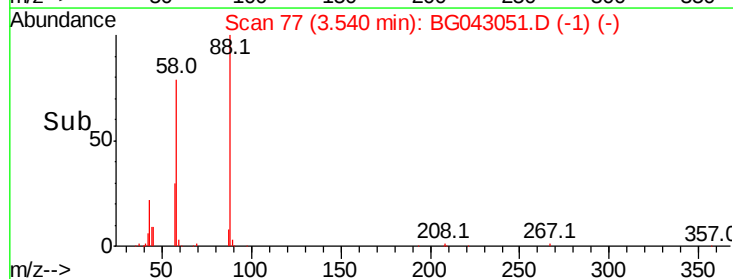
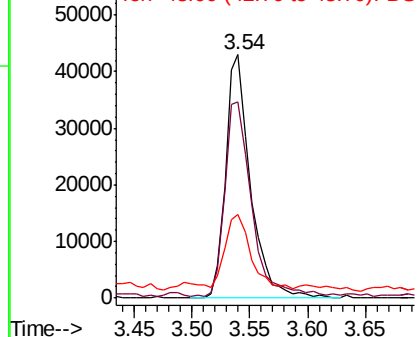
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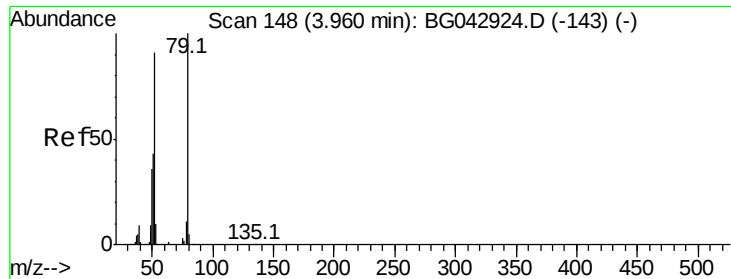
1,4-Dioxane
Concen: 33.752 ng
RT: 3.54 min Scan# 77
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Tgt Ion: 88 Resp: 63874
Ion Ratio Lower Upper
88 100
58 85.0 74.3 111.5
43 32.3 29.8 44.8



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: 30.095 ng

RT: 3.93 min Scan# 144

Delta R.T. -0.03 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

BNA_G

ClientSampleId :

PB123649BS

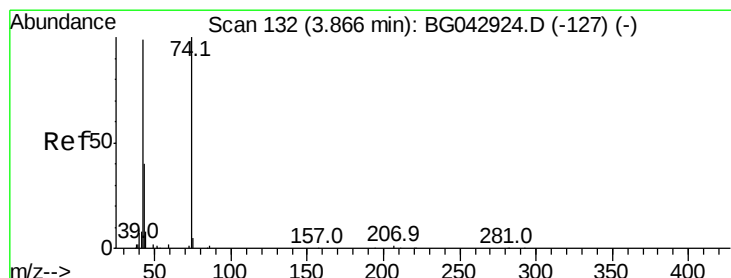
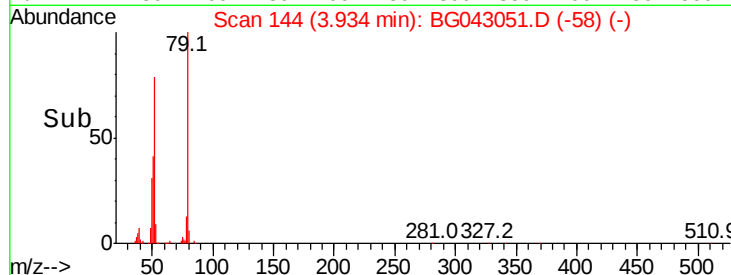
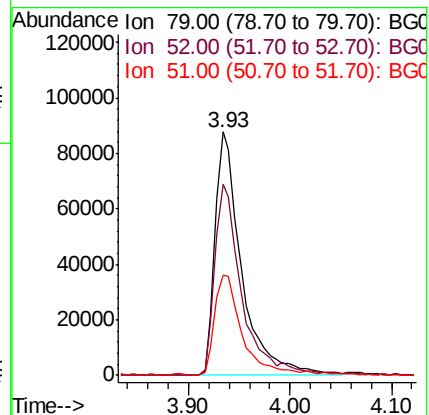
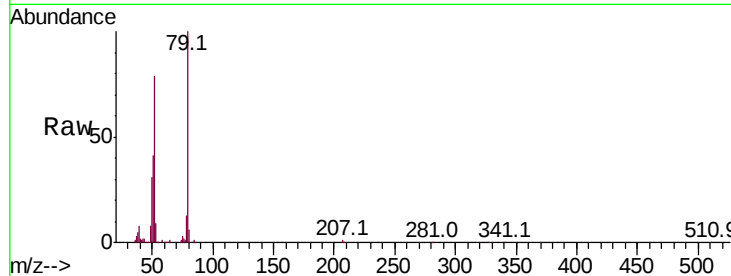
Tot Ion: 79 Resp: 160185

Ion Ratio Lower Upper

79 100

52 78.7 73.0 109.4

51 41.4 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 40.170 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

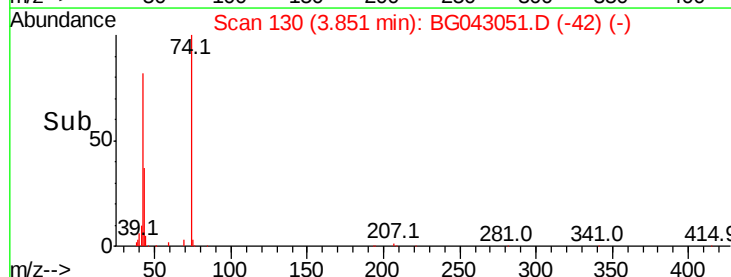
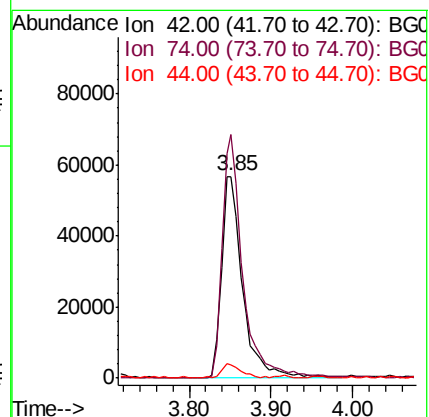
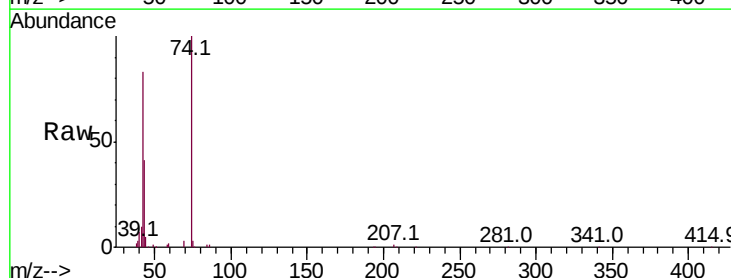
Tgt Ion: 42 Resp: 102819

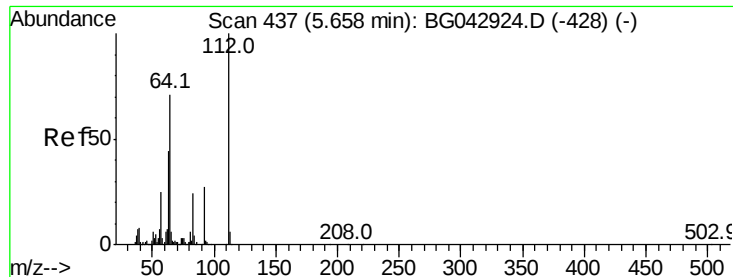
Ion Ratio Lower Upper

42 100

74 120.8 80.5 120.7#

44 6.5 6.9 10.3#





#5

2-Fluorophenol

Concen: 113.294 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

BNA_G

ClientSampleId :

PB123649BS

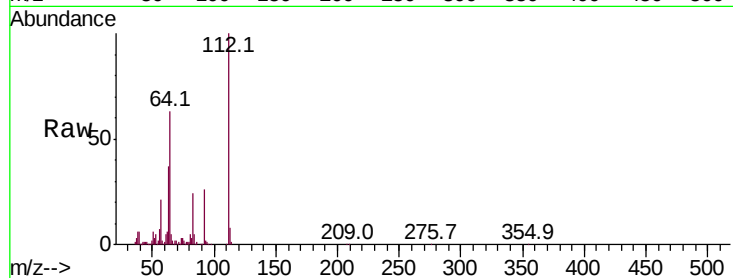
Tot Ion:112 Resp: 514241

Ion Ratio Lower Upper

112 100

64 63.1 56.6 84.8

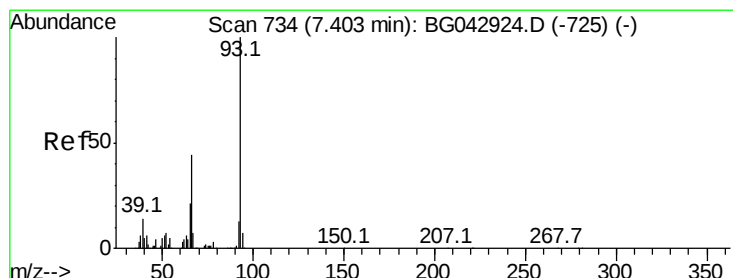
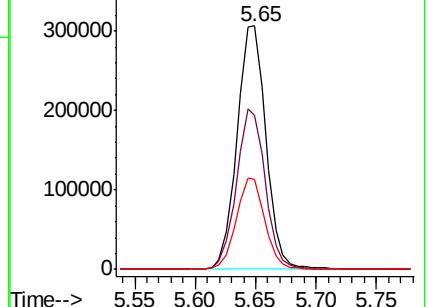
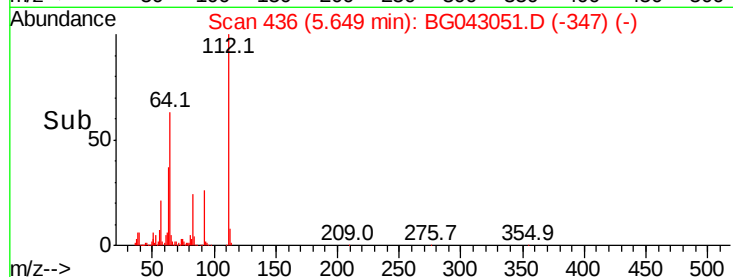
63 36.9 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.505 ng

RT: 7.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

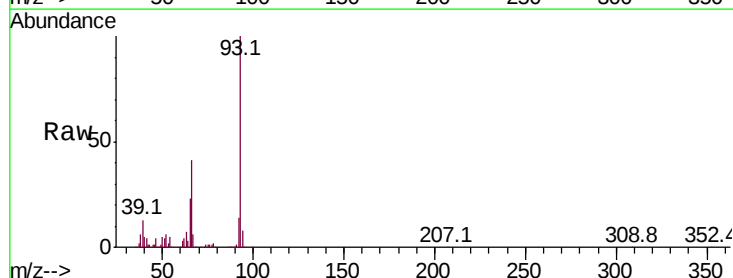
Tgt Ion: 93 Resp: 264364

Ion Ratio Lower Upper

93 100

66 41.5 35.0 52.6

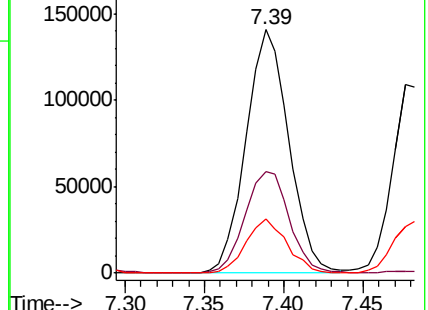
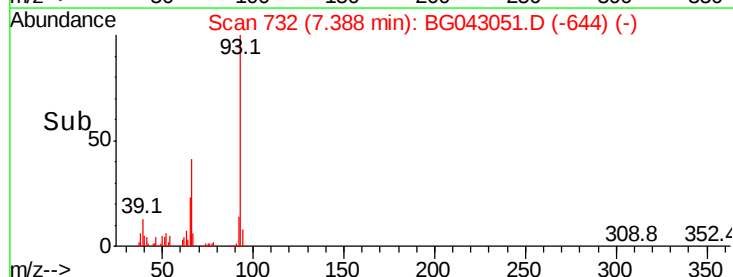
65 22.5 17.4 26.0

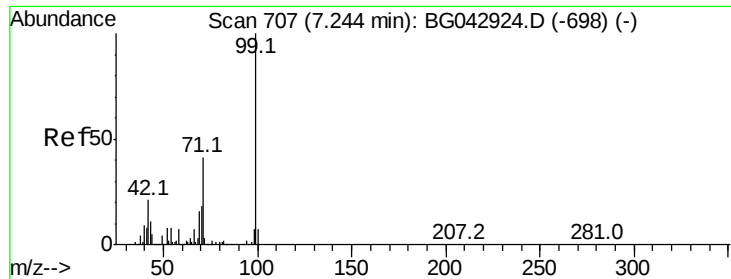


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 106.061 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

BNA_G

ClientSampleId :

PB123649BS

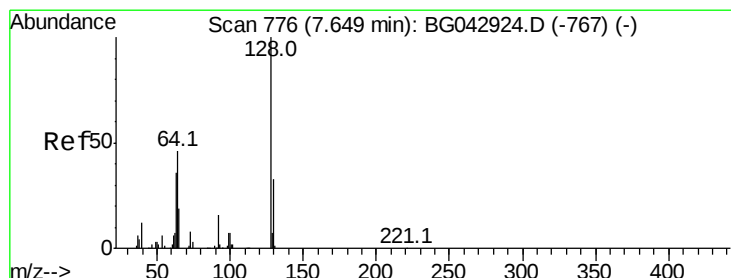
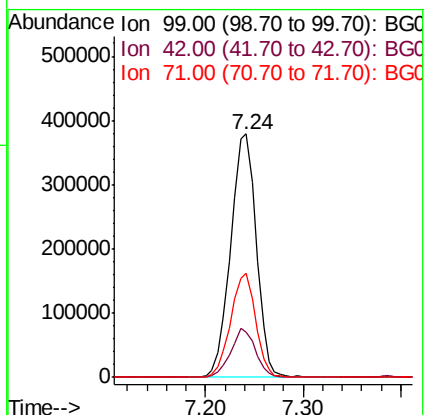
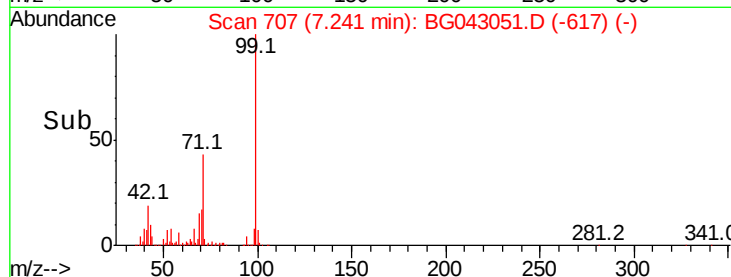
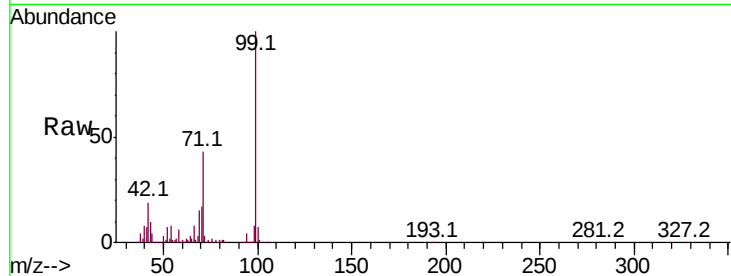
Tot Ion: 99 Resp: 693262

Ion	Ratio	Lower	Upper
99	100		
42	18.7	17.2	25.8
71	42.8	33.1	49.7

99 100

42 18.7 17.2 25.8

71 42.8 33.1 49.7



#8

2-Chlorophenol

Concen: 46.000 ng

RT: 7.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

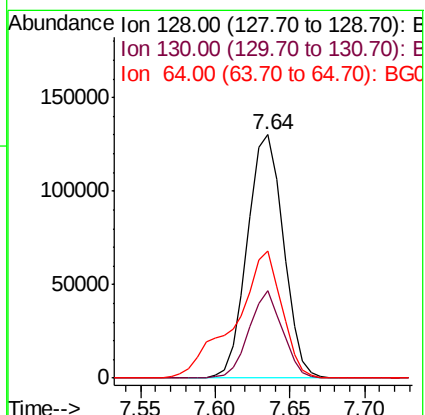
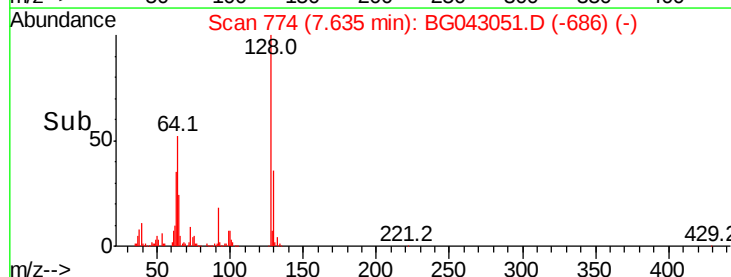
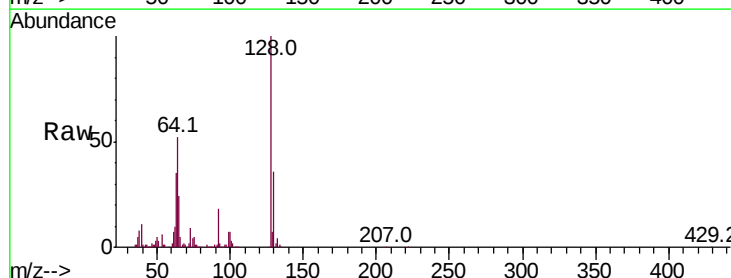
Tgt Ion: 128 Resp: 217745

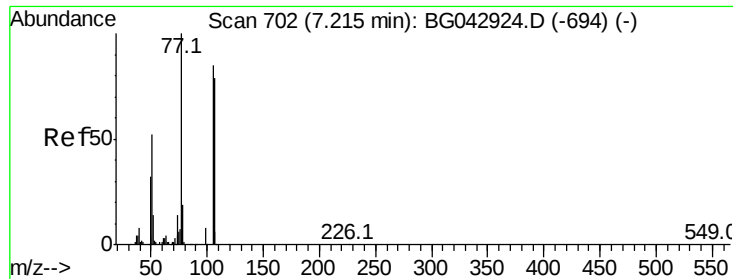
Ion	Ratio	Lower	Upper
128	100		
130	36.1	12.5	52.5
64	52.1	32.8	72.8

128 100

130 36.1 12.5 52.5

64 52.1 32.8 72.8





#9

Benzaldehyde

Concen: 26.971 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

BNA_G

ClientSampleId :

PB123649BS

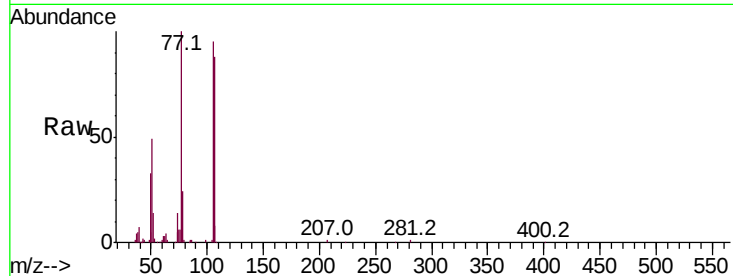
Tot Ion: 77 Resp: 107729

Ion Ratio Lower Upper

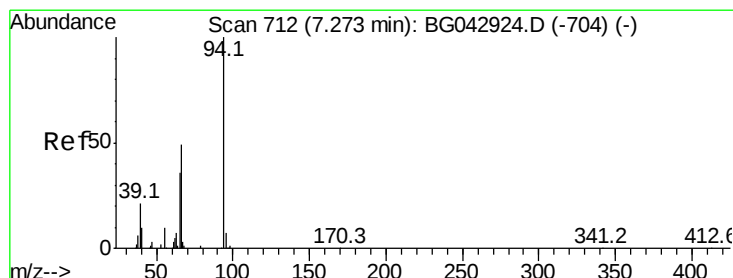
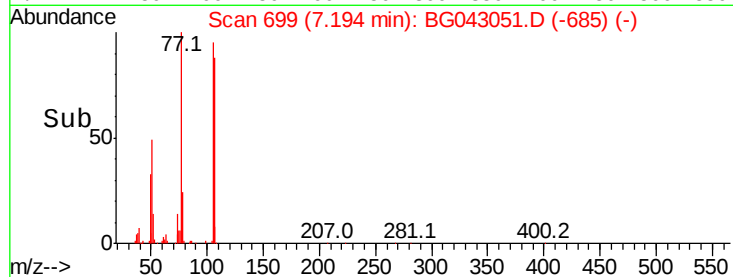
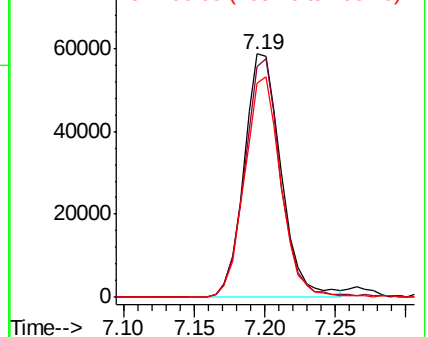
77 100

105 94.6 64.6 104.6

106 88.2 59.4 99.4



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: 44.961 ng

RT: 7.26 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

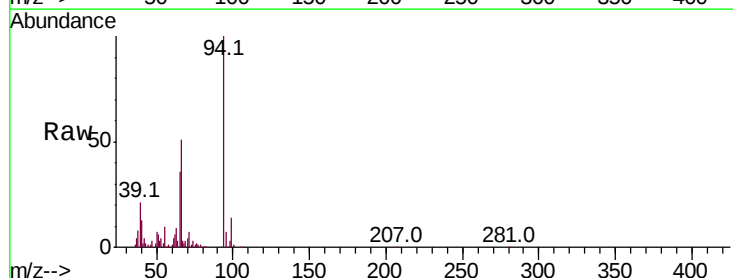
Tgt Ion: 94 Resp: 269631

Ion Ratio Lower Upper

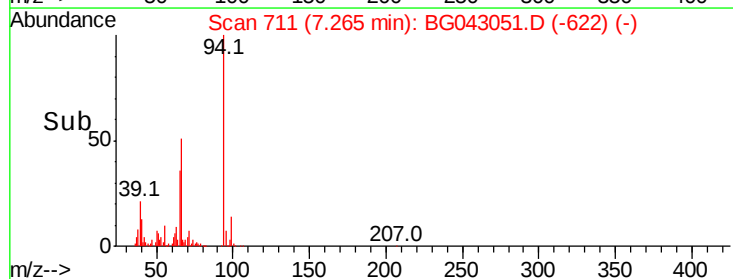
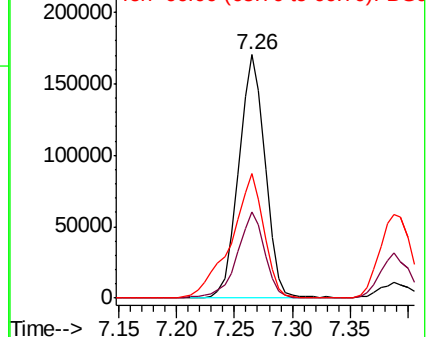
94 100

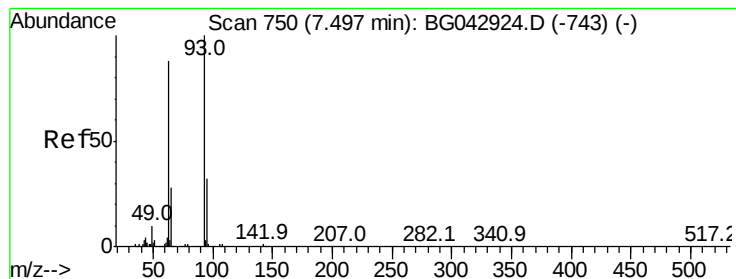
65 35.6 16.6 56.6

66 51.0 32.4 72.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 40.584 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

BNA_G

ClientSampleId :

PB123649BS

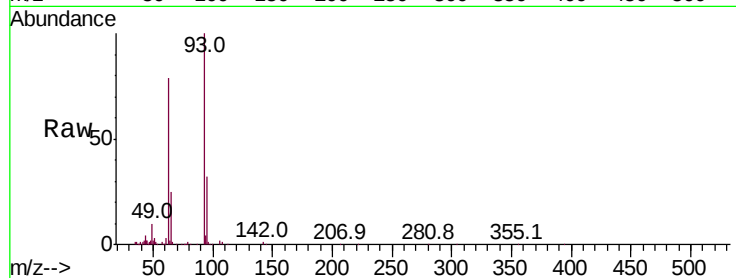
Tot Ion: 93 Resp: 188310

Ion Ratio Lower Upper

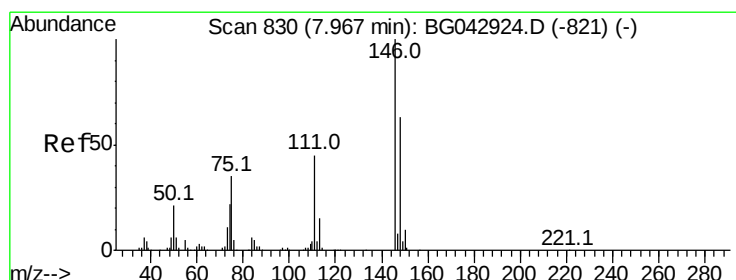
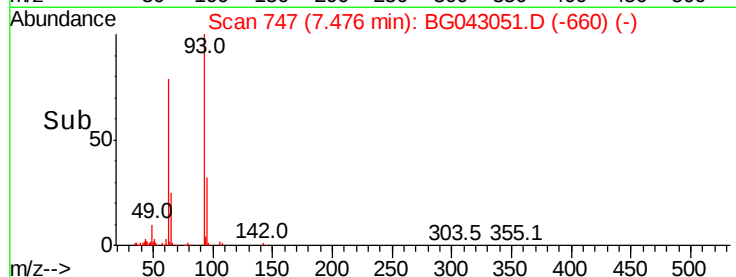
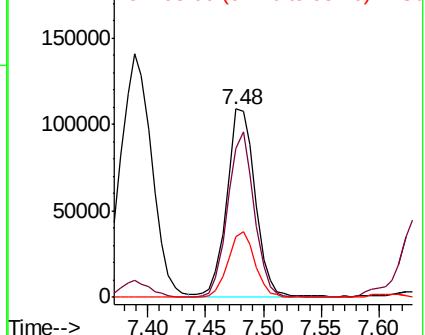
93 100

63 79.1 67.4 107.4

95 31.9 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 40.483 ng

RT: 7.95 min Scan# 828

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

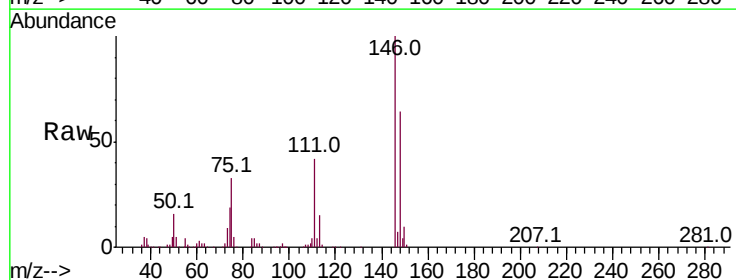
Tgt Ion: 146 Resp: 244457

Ion Ratio Lower Upper

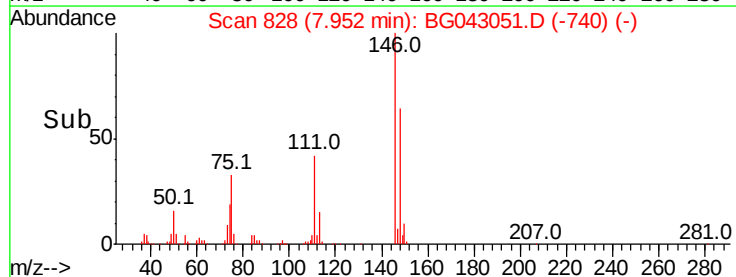
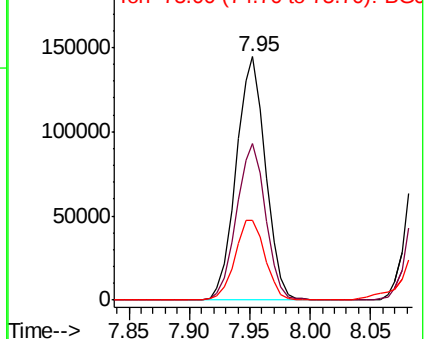
146 100

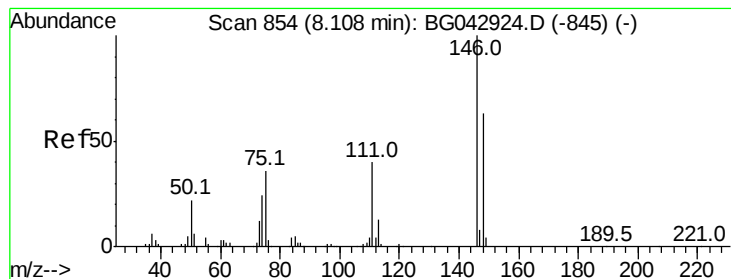
148 64.1 50.7 76.1

75 32.9 27.7 41.5



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 40.901 ng

RT: 8.09 min Scan# 852

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

BNA_G

ClientSampleId :

PB123649BS

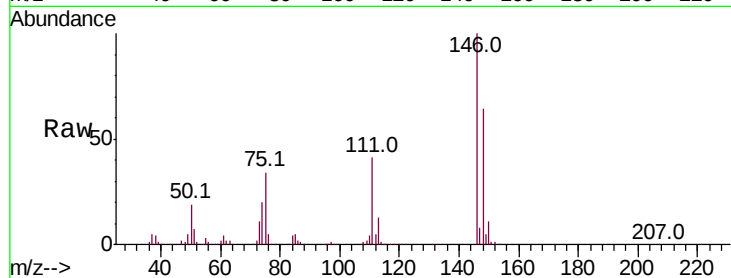
Tot Ion:146 Resp: 246209

Ion Ratio Lower Upper

146 100

148 63.6 50.9 76.3

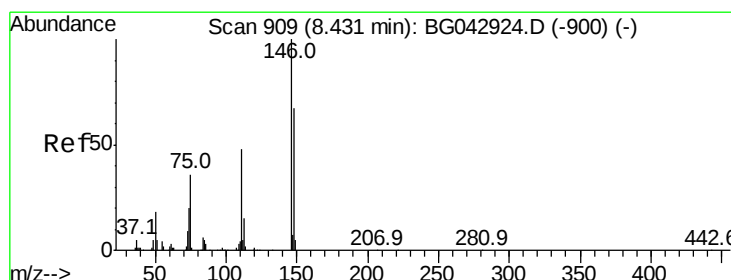
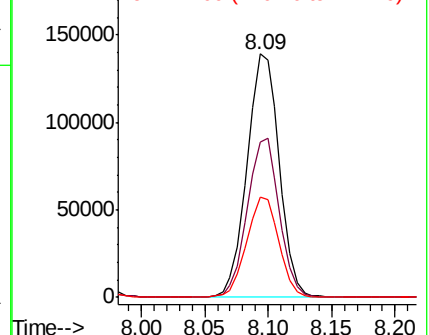
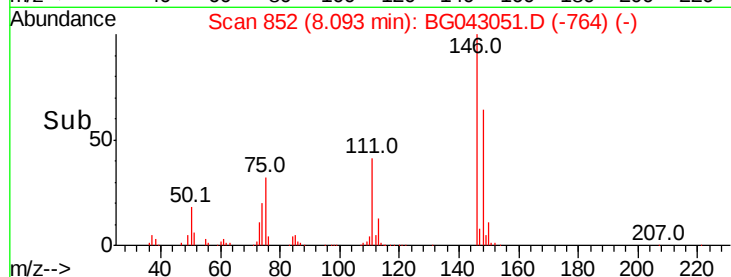
111 41.2 31.8 47.8



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: 40.993 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

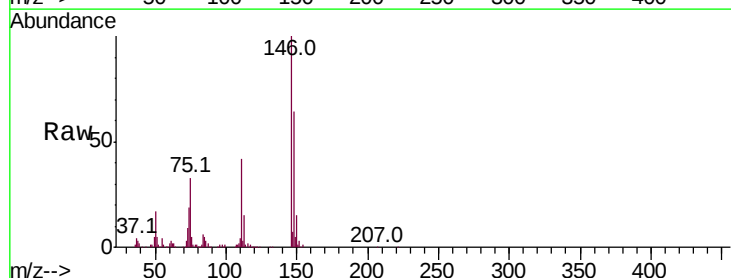
Tgt Ion:146 Resp: 234934

Ion Ratio Lower Upper

146 100

148 64.4 53.4 80.2

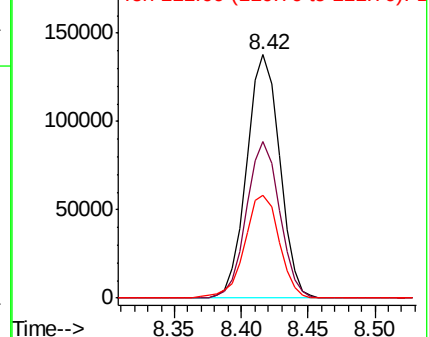
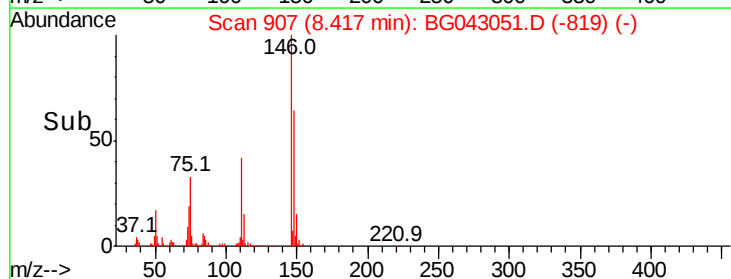
111 42.0 38.5 57.7

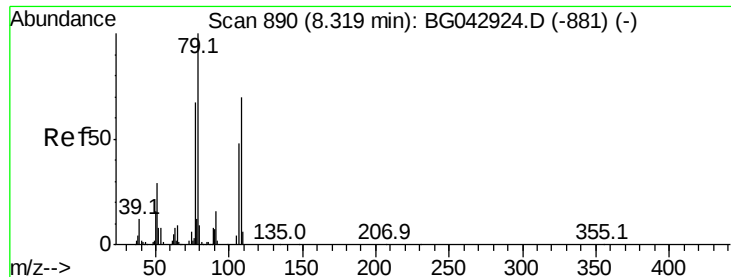


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.041 ng

RT: 8.30 min Scan# 888

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

BNA_G

ClientSampleID :

PB123649BS

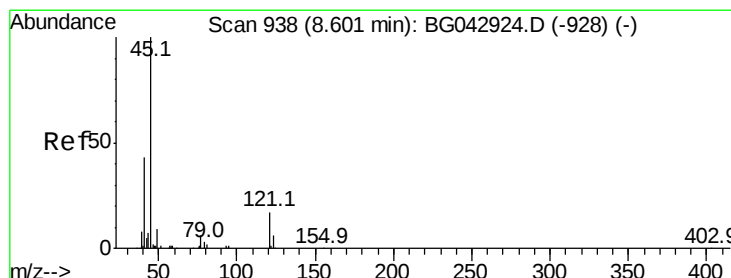
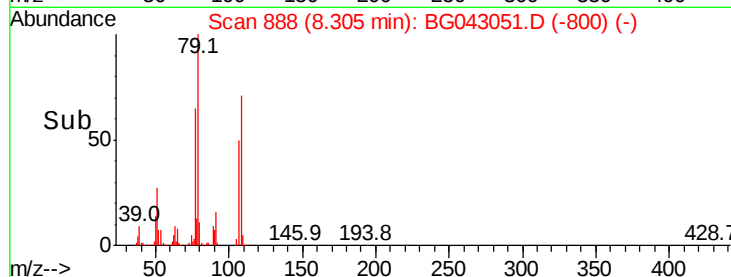
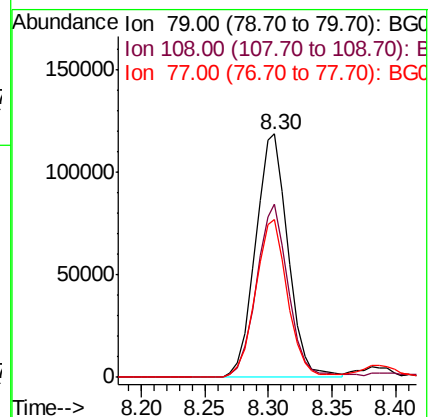
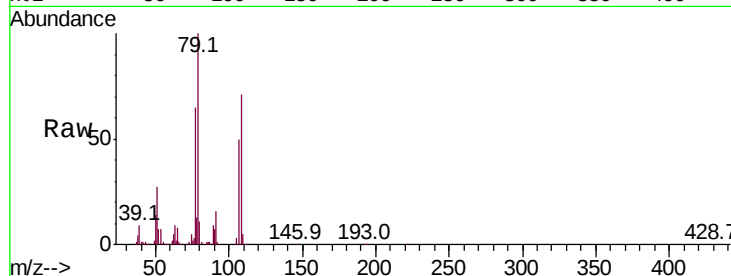
Tot Ion: 79 Resp: 211517

Ion Ratio Lower Upper

79 100

108 71.2 55.7 83.5

77 64.9 53.3 79.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.209 ng

RT: 8.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

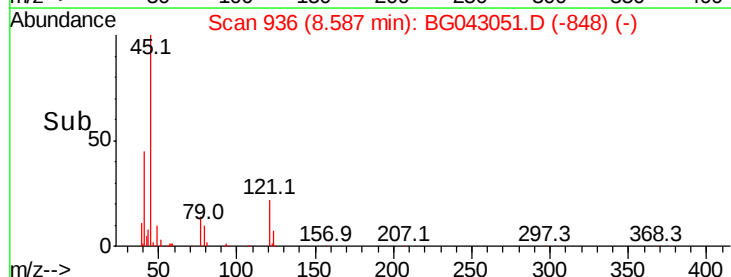
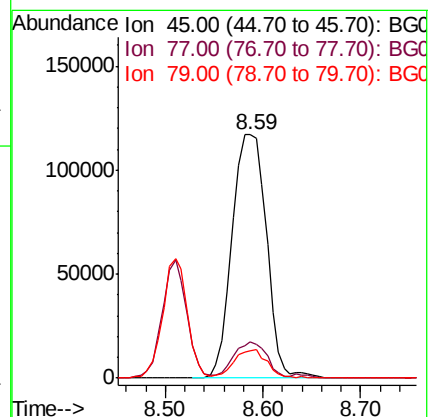
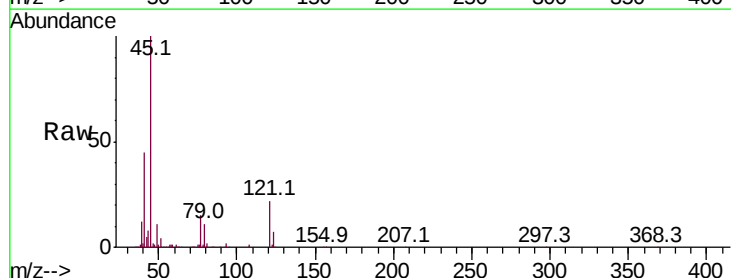
Tgt Ion: 45 Resp: 287015

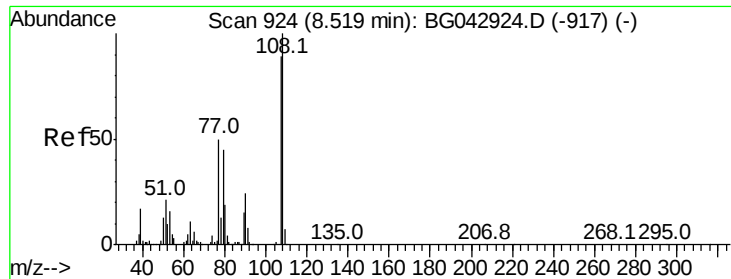
Ion Ratio Lower Upper

45 100

77 15.0 0.0 32.8

79 11.1 0.0 29.4





#17

2-Methylphenol

Concen: 44.745 ng

RT: 8.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

BNA_G

ClientSampleId :

PB123649BS

Tot Ion:107 Resp: 187755

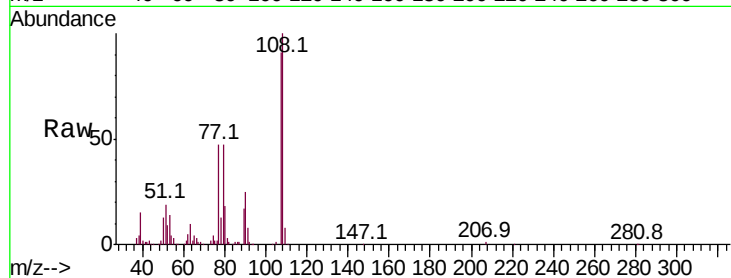
Ion Ratio Lower Upper

107 100

108 109.7 89.9 134.9

77 51.4 45.4 68.2

79 51.9 41.4 62.0

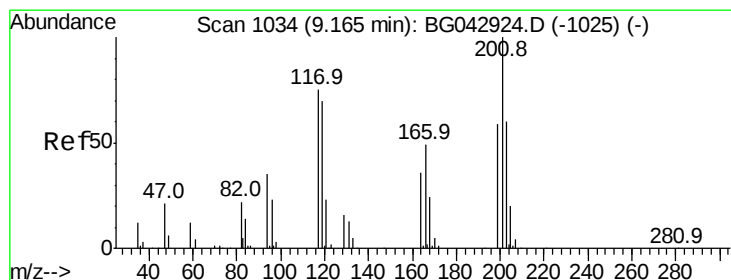
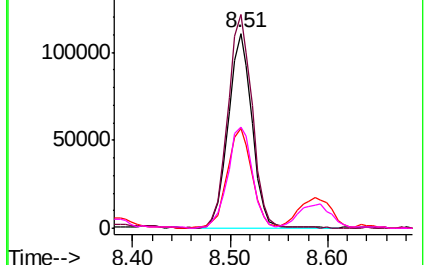
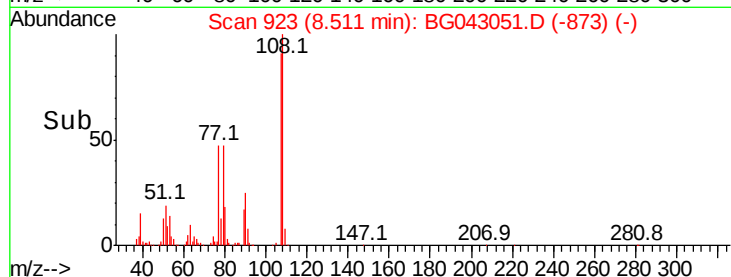


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.784 ng

RT: 9.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

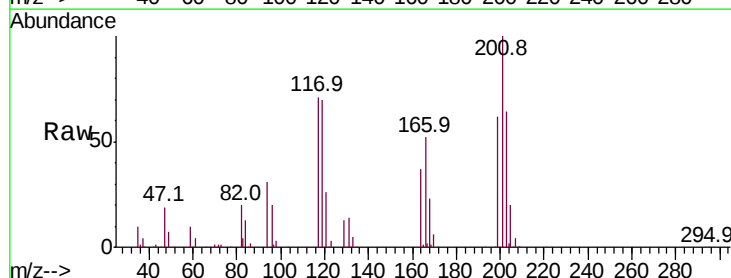
Tgt Ion:117 Resp: 85661

Ion Ratio Lower Upper

117 100

119 98.2 74.6 111.8

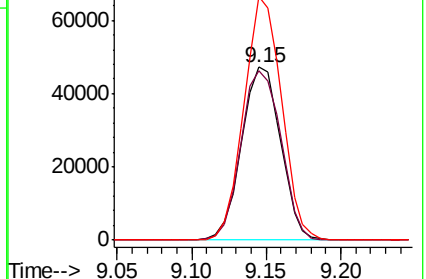
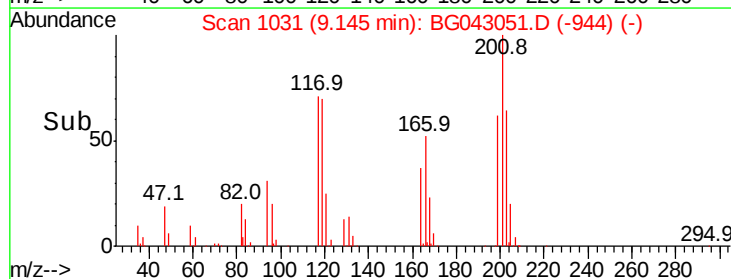
201 140.8 106.0 159.0

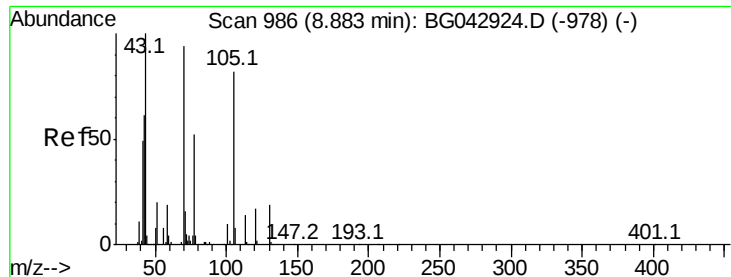


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

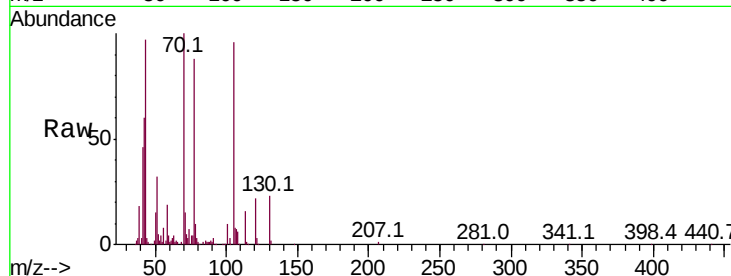




#19
n-Nitroso-di-n-propylamine
Concen: 37.680 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB123649BS

Tot Ion:	70	Resp:	161722
Ion	Ratio	Lower	Upper
70	100		
42	59.7	52.6	79.0
101	10.3	8.7	13.1
130	22.8	15.8	23.8



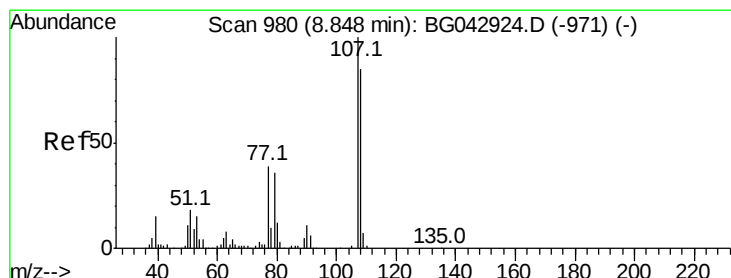
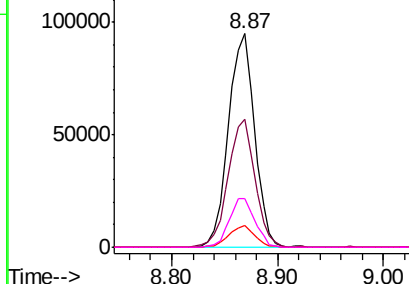
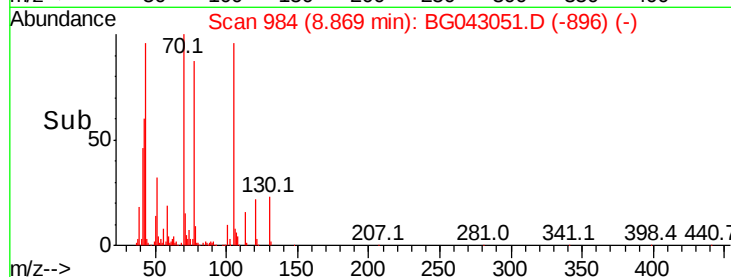
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

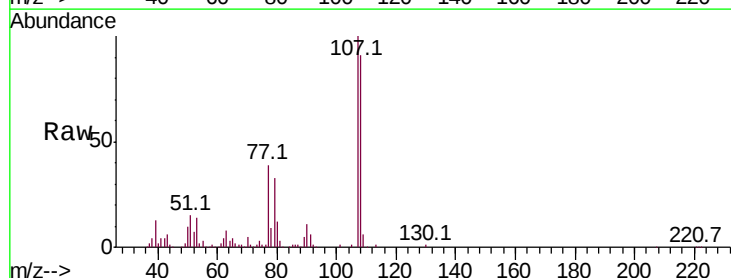
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 44.166 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Tgt Ion:	107	Resp:	253974
Ion	Ratio	Lower	Upper
107	100		
108	90.8	64.9	104.9
77	38.7	19.4	59.4
79	33.4	16.2	56.2



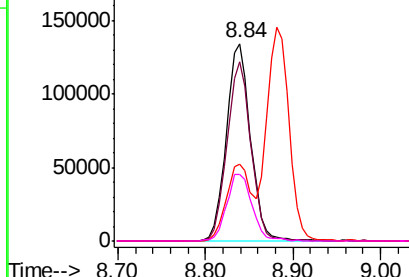
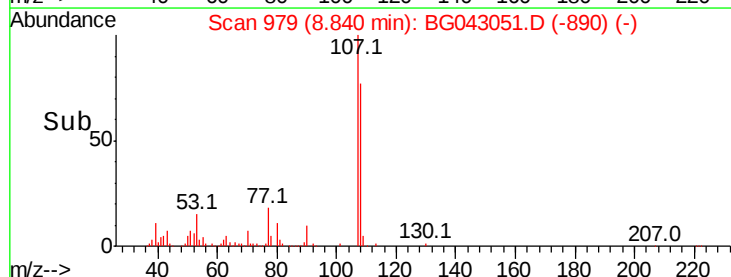
Abundance

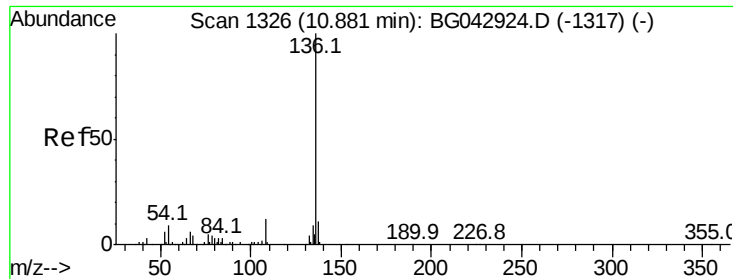
Ion 107.00 (106.70 to 107.70): BGC

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: 10.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

BNA_G

ClientSampleId :

PB123649BS

Tot Ion:136 Resp: 312725

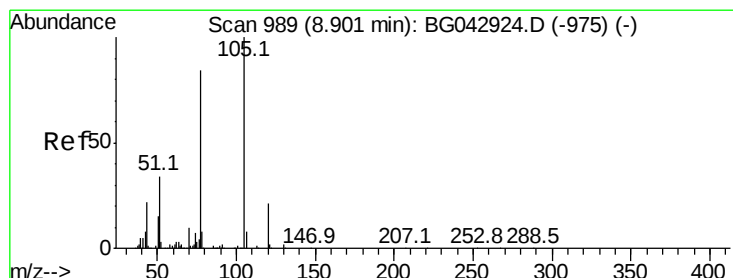
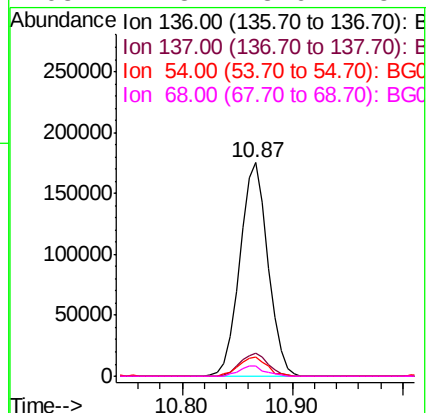
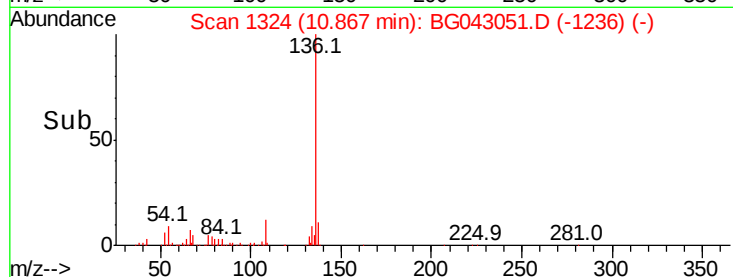
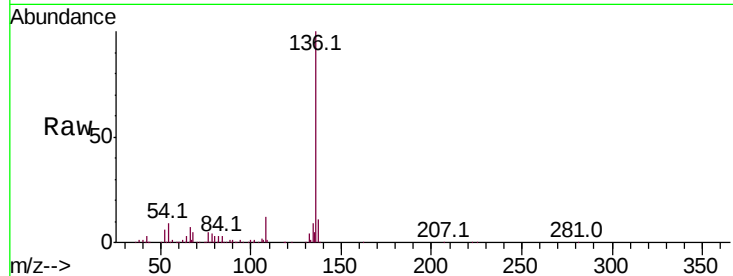
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 9.0 7.4 11.2

68 4.8 3.6 5.4



#22

Acetophenone

Concen: 40.121 ng

RT: 8.88 min Scan# 986

Delta R.T. -0.02 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Tgt Ion:105 Resp: 323421

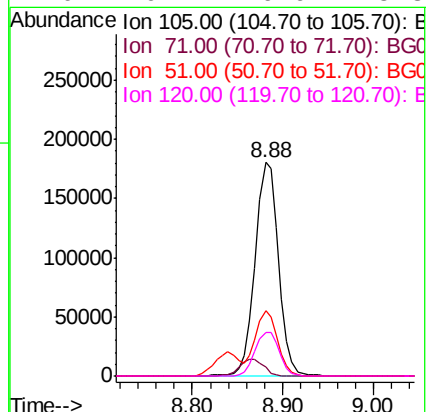
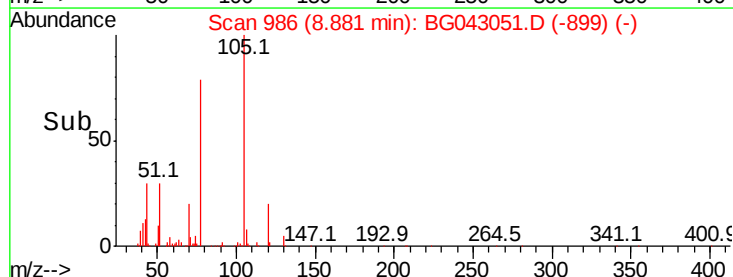
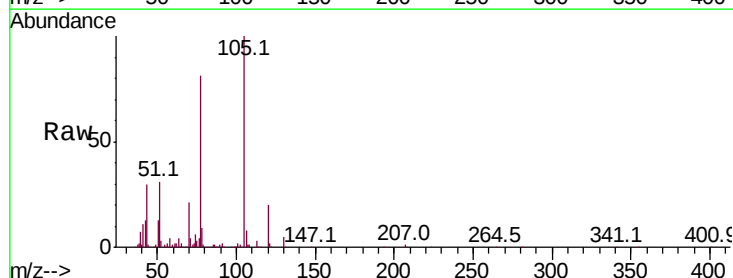
Ion Ratio Lower Upper

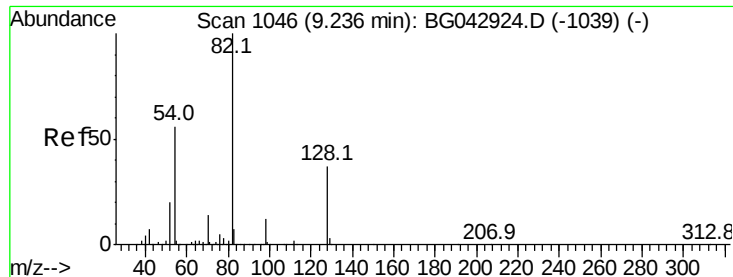
105 100

71 4.0 1.2 1.8#

51 30.5 27.2 40.8

120 20.1 16.9 25.3





#23

Nitrobenzene-d5

Concen: 63.432 ng

RT: 9.22 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

BNA_G

ClientSampleId :

PB123649BS

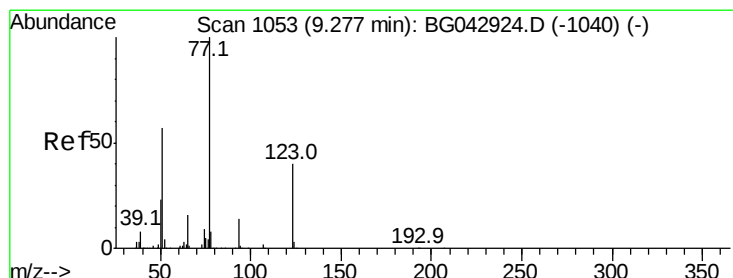
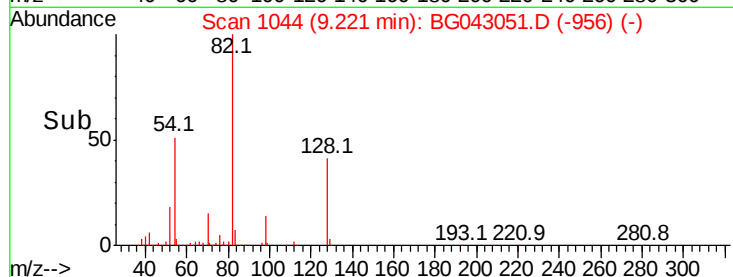
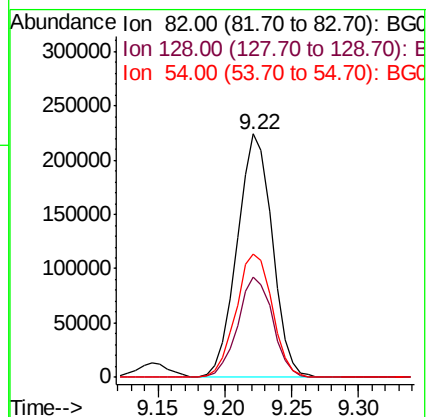
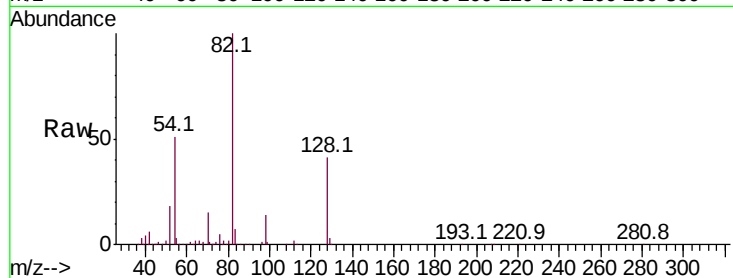
Tot Ion: 82 Resp: 408121

Ion Ratio Lower Upper

82 100

128 40.9 29.5 44.3

54 50.7 44.6 67.0



#24

Nitrobenzene

Concen: 41.084 ng

RT: 9.26 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

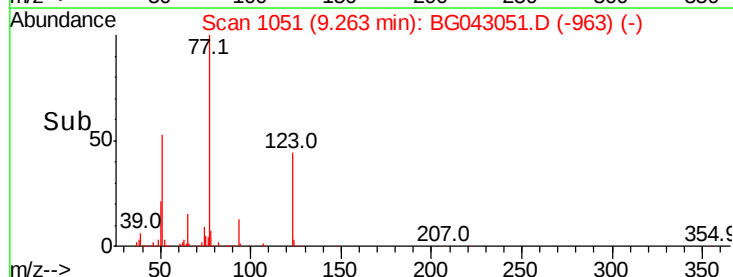
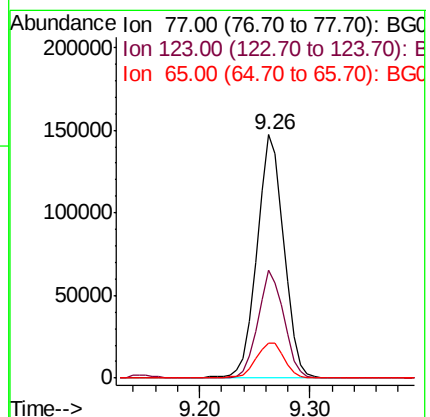
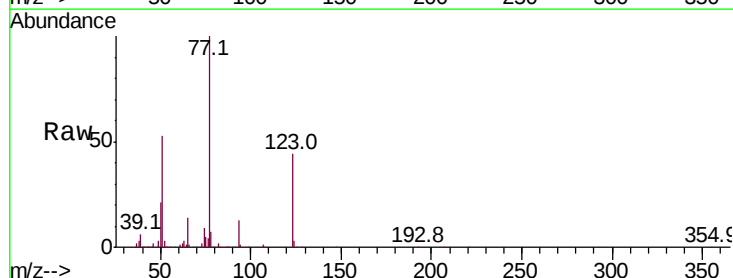
Tgt Ion: 77 Resp: 252133

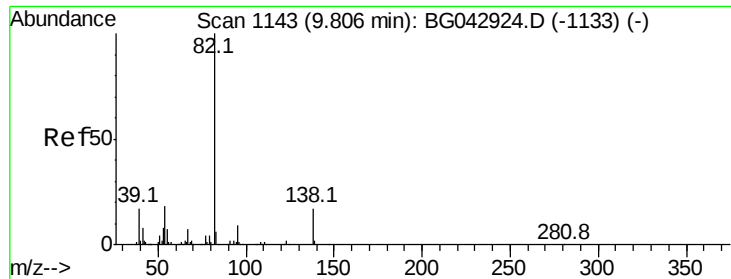
Ion Ratio Lower Upper

77 100

123 44.2 31.9 47.9

65 14.5 12.4 18.6





#25

Isophorone

Concen: 40.483 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

BNA_G

ClientSampleId :

PB123649BS

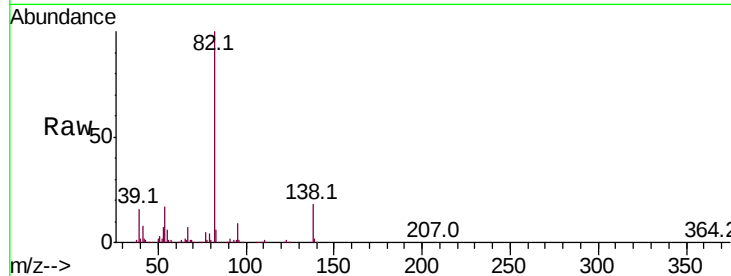
Tot Ion: 82 Resp: 457524

Ion Ratio Lower Upper

82 100

95 8.9 7.0 10.4

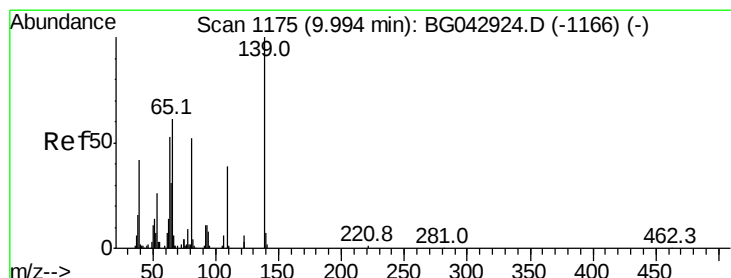
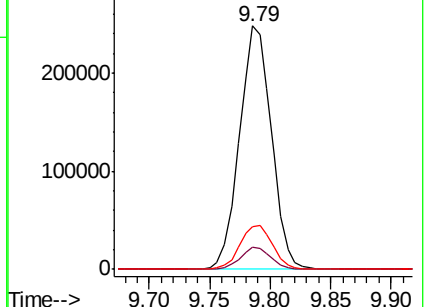
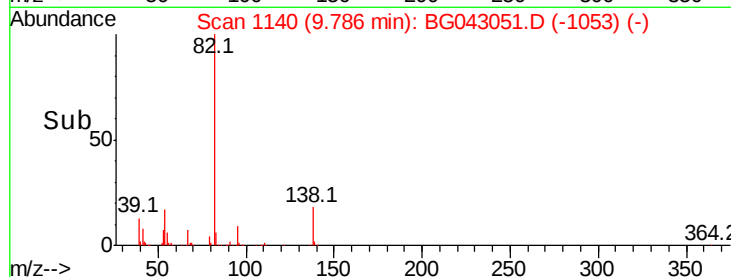
138 17.8 13.8 20.6



Abundance Ion 82.00 (81.70 to 82.70): BG042924.D (-1133) (-)

Ion 95.00 (94.70 to 95.70): BG042924.D (-1133) (-)

Ion 138.00 (137.70 to 138.70): BG042924.D (-1133) (-)



#26

2-Nitrophenol

Concen: 47.904 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

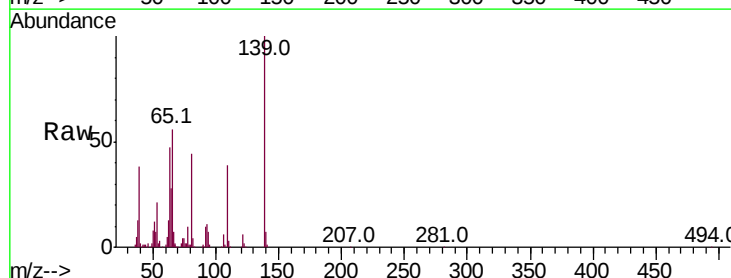
Tgt Ion: 139 Resp: 125152

Ion Ratio Lower Upper

139 100

109 38.8 31.0 46.6

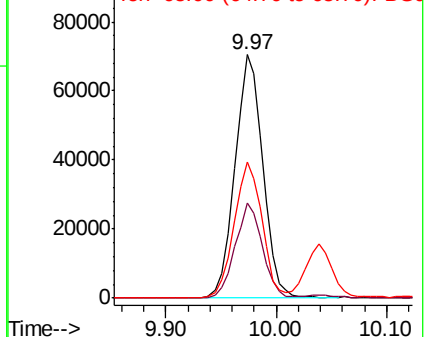
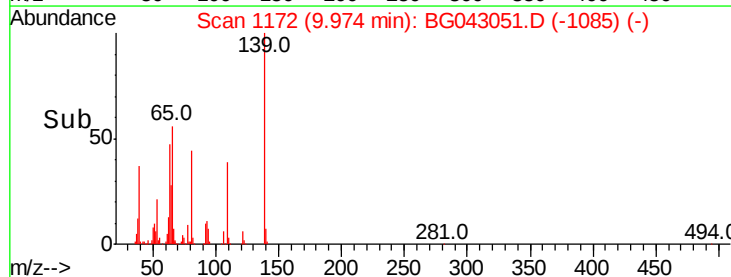
65 55.8 48.4 72.6

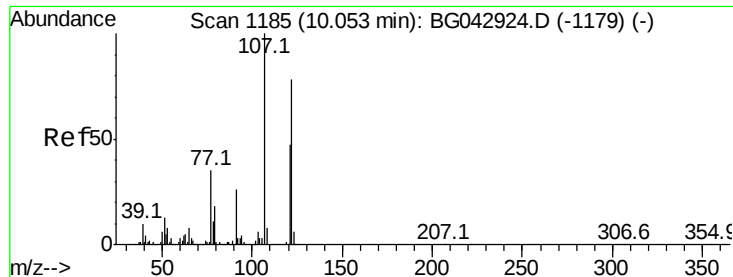


Abundance Ion 139.00 (138.70 to 139.70): BG042924.D (-1166) (-)

Ion 109.00 (108.70 to 109.70): BG042924.D (-1166) (-)

Ion 65.00 (64.70 to 65.70): BG042924.D (-1166) (-)

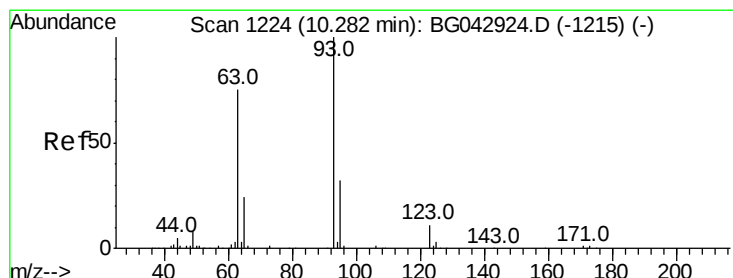
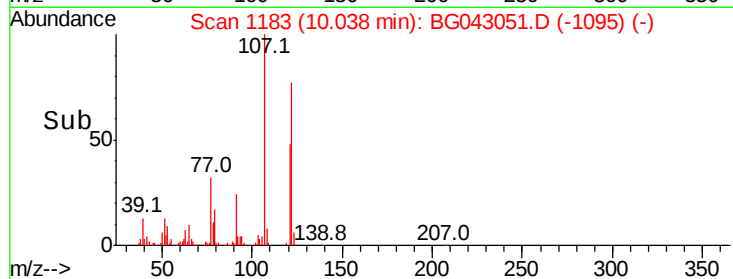
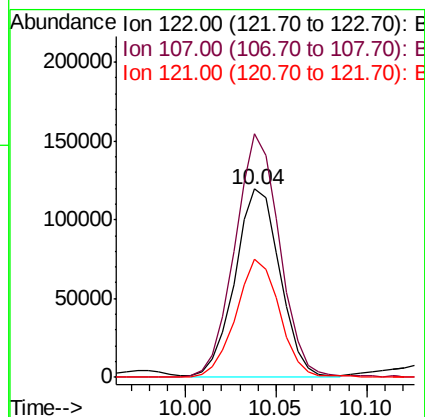
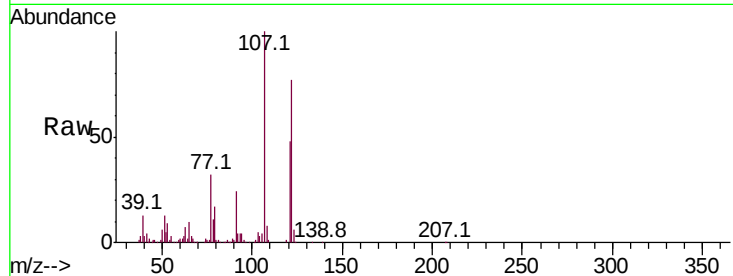




#27
2,4-Dimethylphenol
Concen: 51.493 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

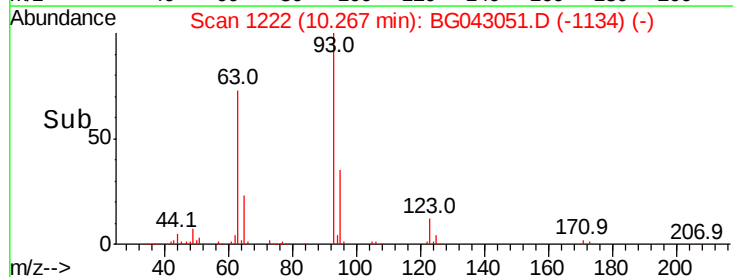
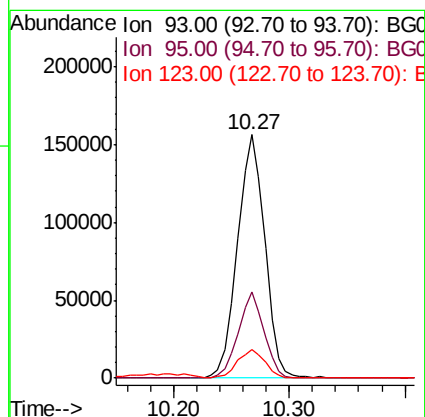
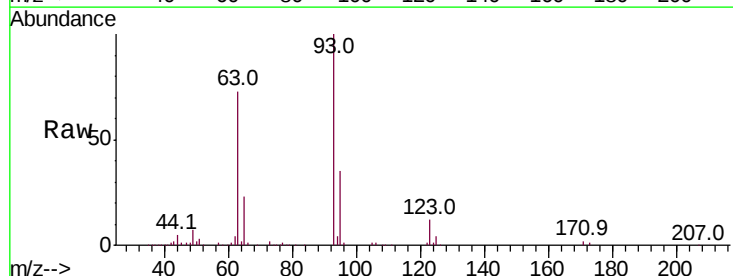
Instrument :
BNA_G
ClientSampleId :
PB123649BS

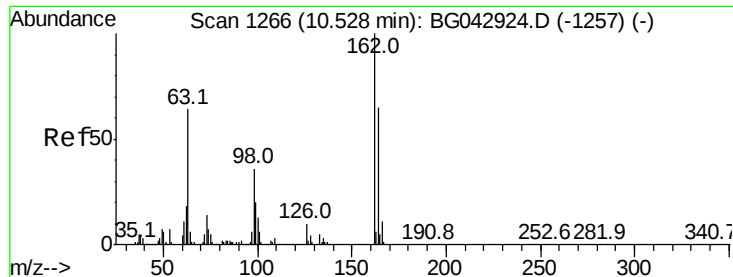
Tot Ion	Ratio	Lower	Upper
122	100		
107	129.1	102.2	153.2
121	62.6	48.5	72.7



#28
bis(2-Chloroethoxy)methane
Concen: 39.685 ng
RT: 10.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.4	25.4	38.0
123	11.8	9.3	13.9

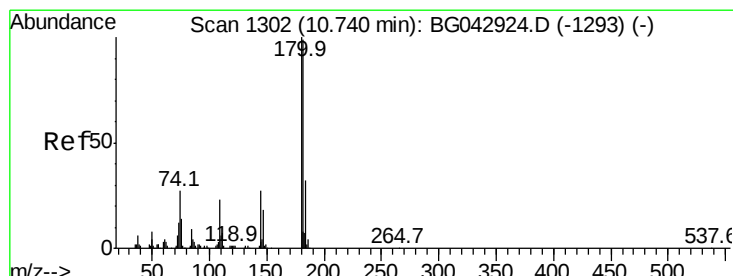
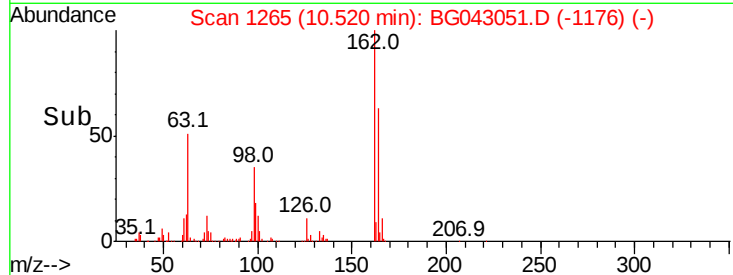
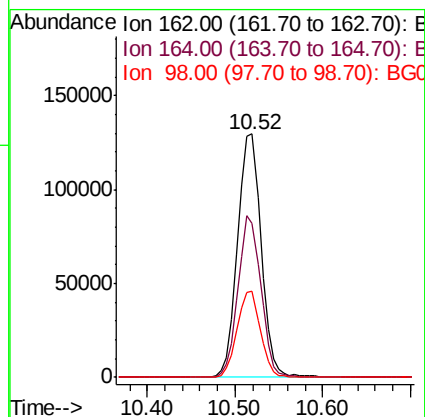
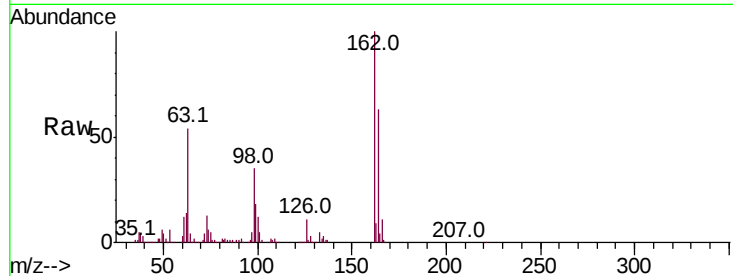




#29
 2,4-Dichlorophenol
 Concen: 47.367 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BG043051.D
 Acq: 5 Oct 2019 12:21

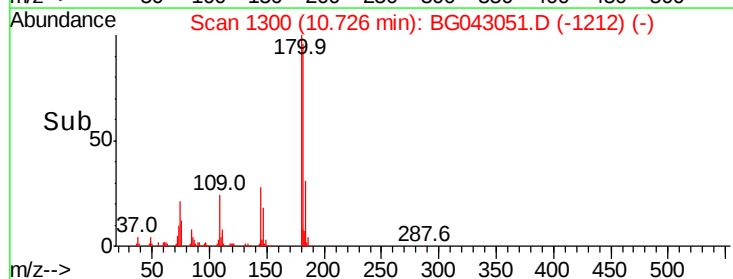
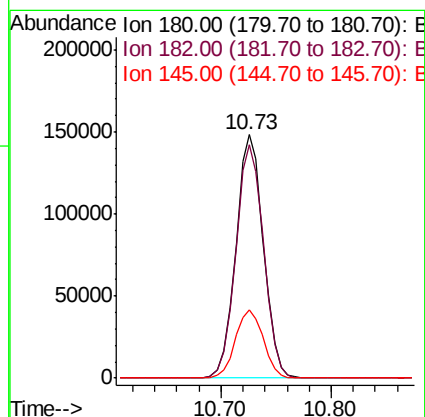
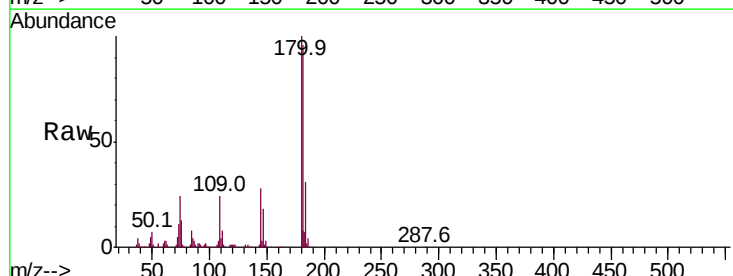
Instrument :
 BNA_G
 ClientSampleId :
 PB123649BS

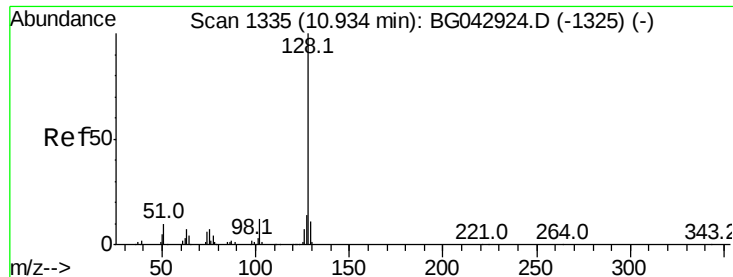
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.7	84.7
98	35.3	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 40.106 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BG043051.D
 Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	79.3	118.9
145	28.1	22.0	33.0

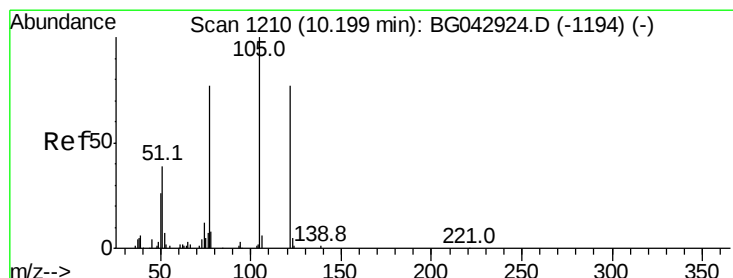
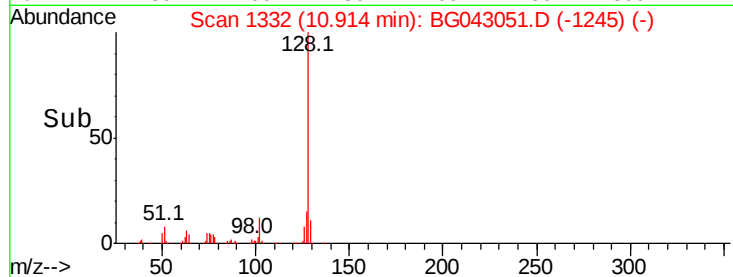
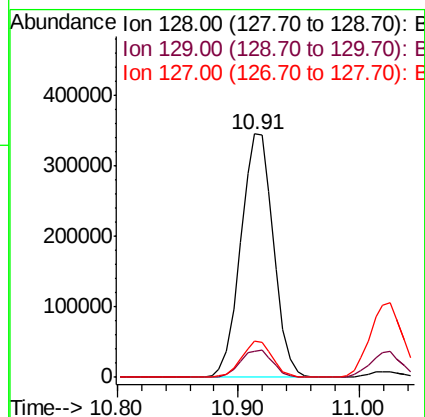
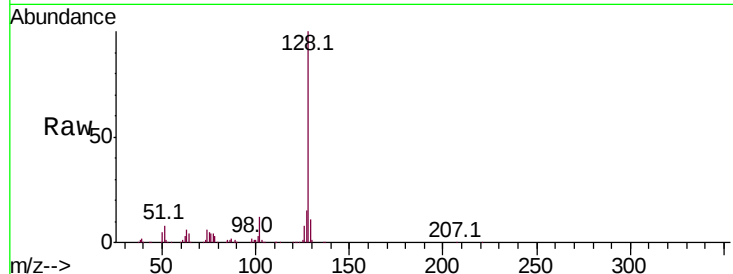




#31
Naphthalene
Concen: 42.208 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

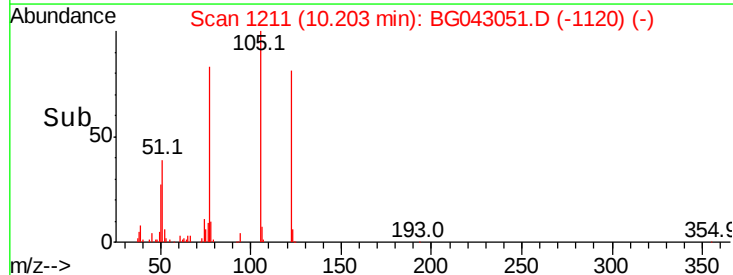
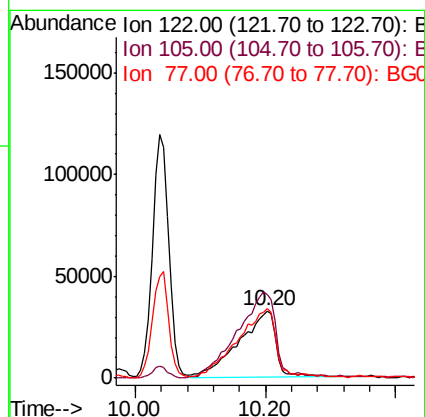
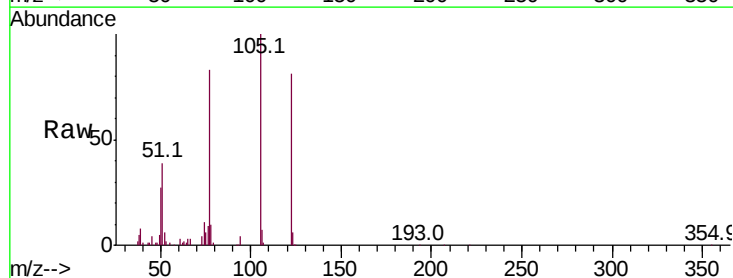
Instrument :
BNA_G
ClientSampleId :
PB123649BS

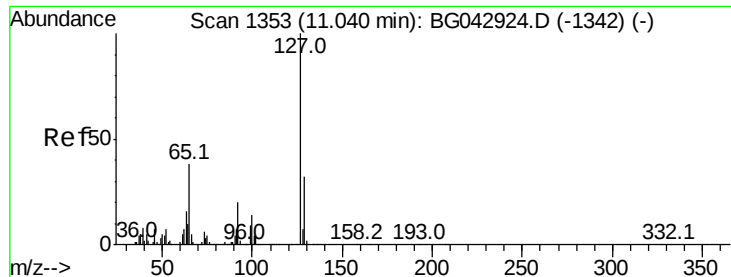
Tot Ion:128 Resp: 649767
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 14.7 11.3 16.9



#32
Benzoic acid
Concen: 42.433 ng
RT: 10.20 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Tgt Ion:122 Resp: 129180
Ion Ratio Lower Upper
122 100
105 124.0 107.5 147.5
77 102.9 79.8 119.8

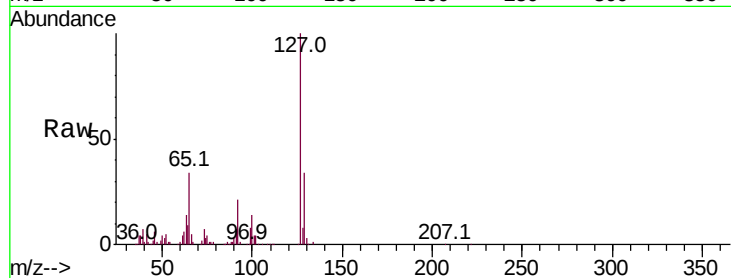




#33
4-Chloroaniline
Concen: 30.717 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB123649BS

Tot Ion:127	Resp:	205189
Ion	Ratio	Lower Upper
127	100	
129	34.5	26.2 39.2
65	33.6	30.6 45.8
92	20.5	16.2 24.4



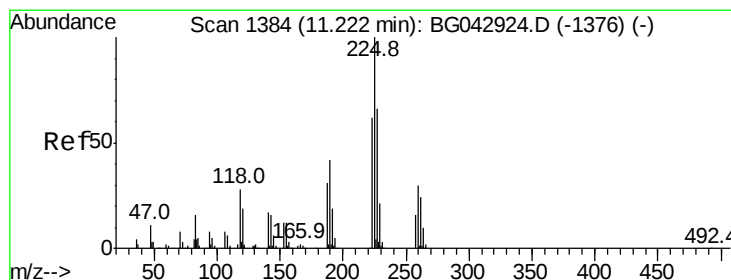
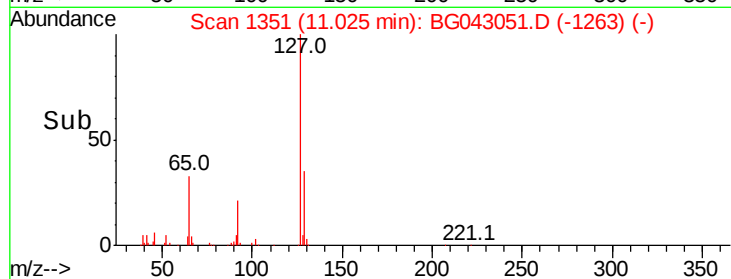
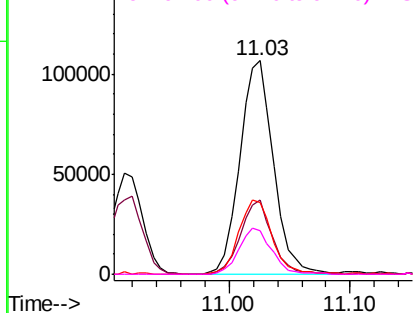
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

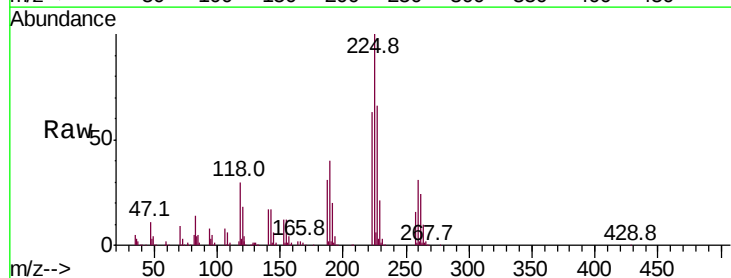
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 38.678 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Tgt Ion:225	Resp:	186613
Ion	Ratio	Lower Upper
225	100	
223	62.8	49.3 73.9
227	65.7	52.8 79.2

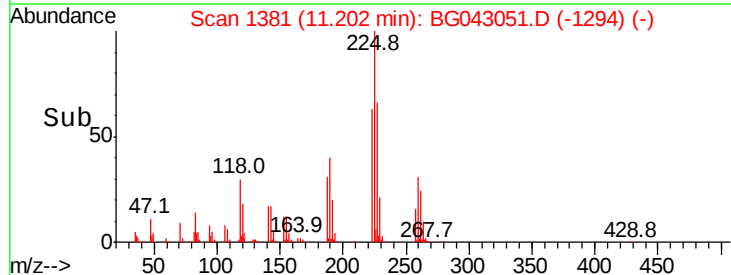
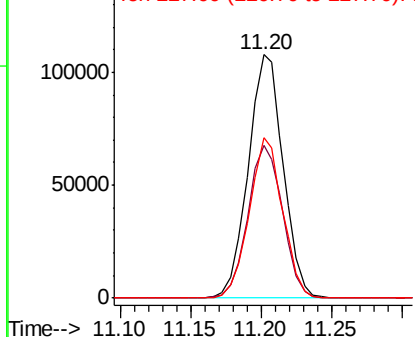


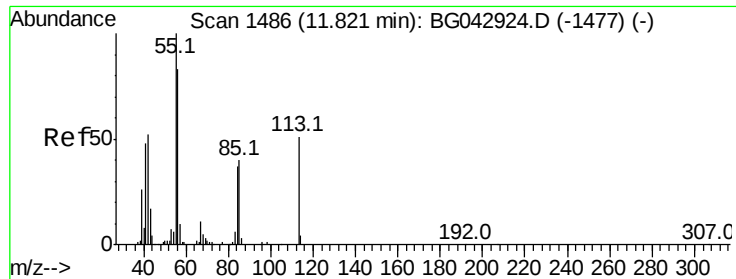
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 23.634 ng

RT: 11.81 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

BNA_G

ClientSampleId :

PB123649BS

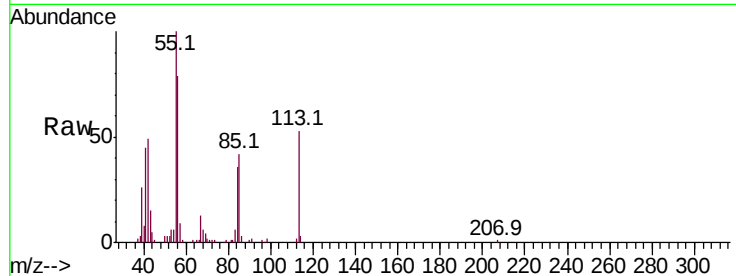
Tot Ion:113 Resp: 41588

Ion Ratio Lower Upper

113 100

55 187.9 175.5 215.5

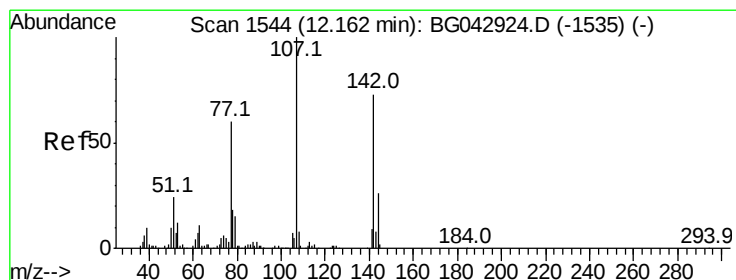
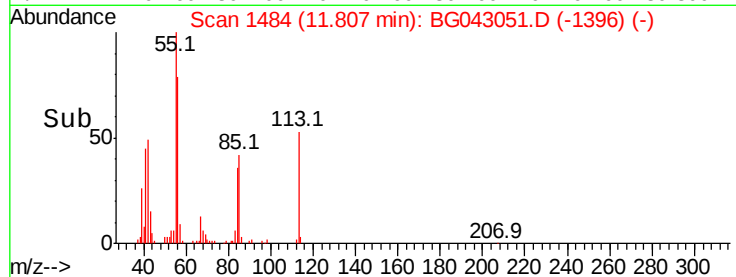
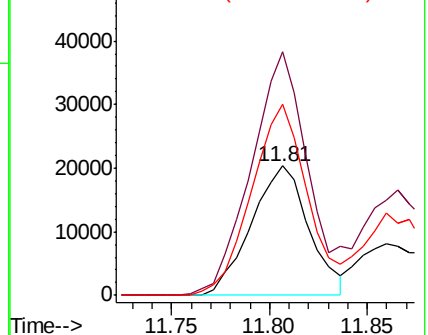
56 147.9 142.3 182.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 46.291 ng

RT: 12.15 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

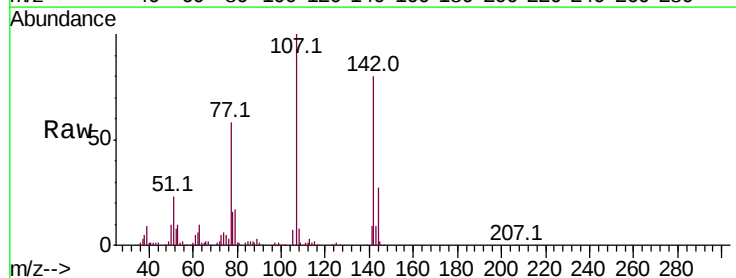
Tgt Ion:107 Resp: 251150

Ion Ratio Lower Upper

107 100

144 26.5 20.7 31.1

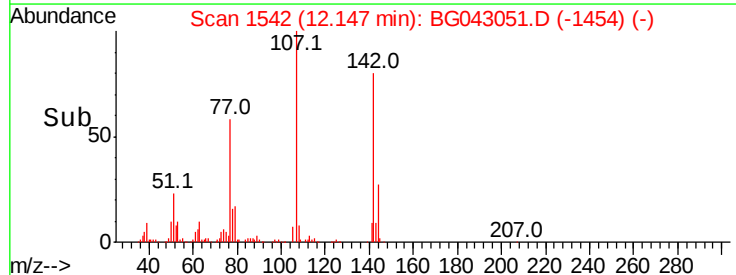
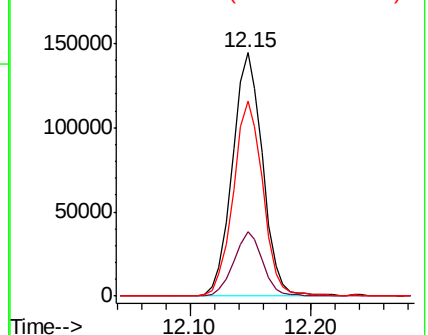
142 79.9 58.6 87.8

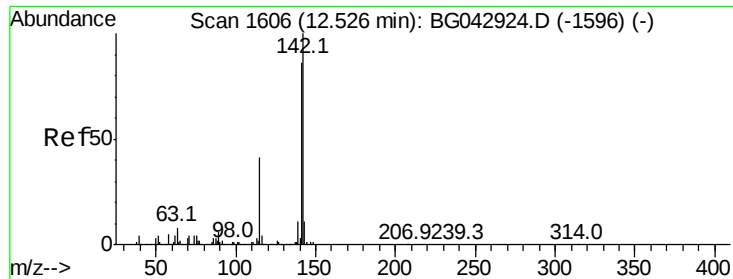


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

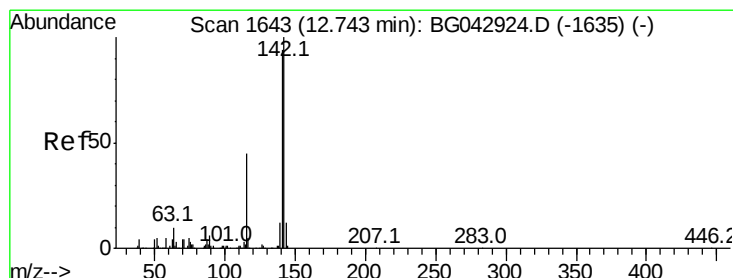
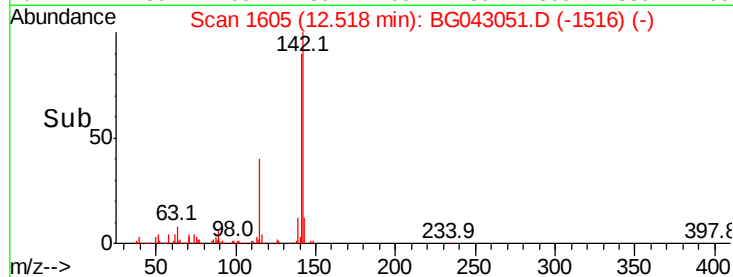
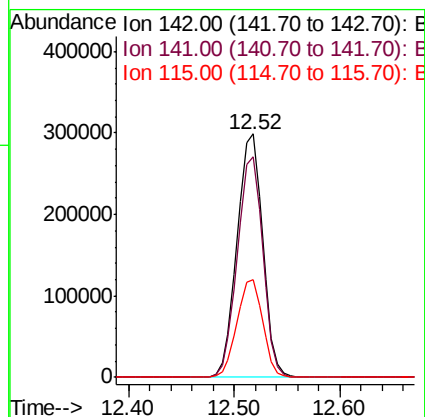
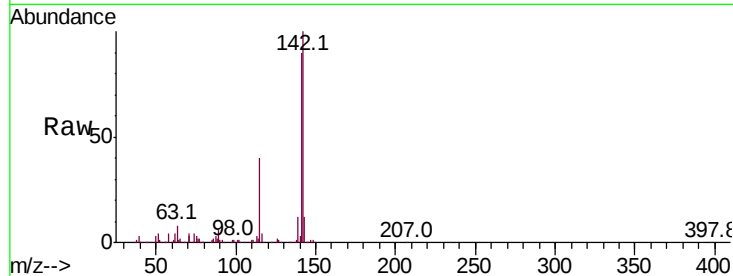




#37
 2-Methylnaphthalene
 Concen: 42.723 ng
 RT: 12.52 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BG043051.D
 Acq: 5 Oct 2019 12:21

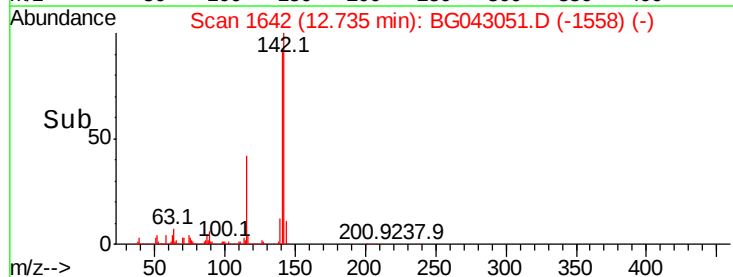
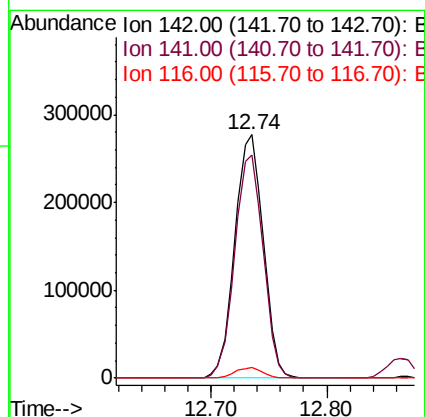
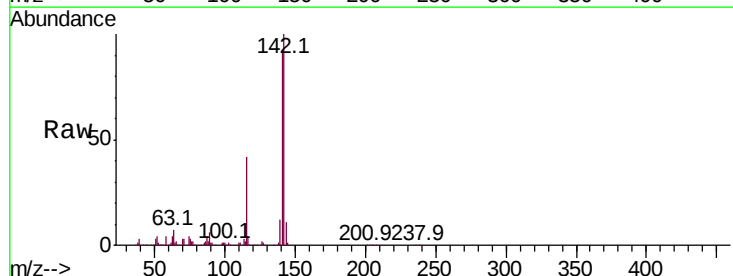
Instrument :
 BNA_G
 ClientSampleId :
 PB123649BS

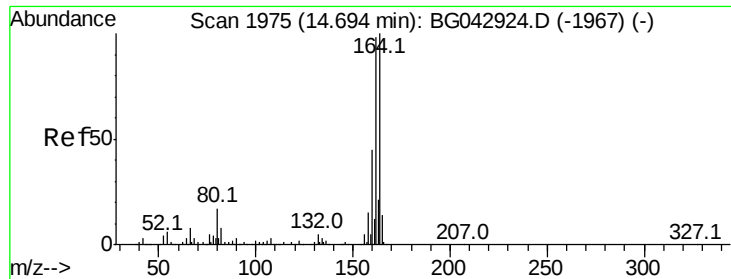
Tot Ion:142 Resp: 501732
 Ion Ratio Lower Upper
 142 100
 141 90.3 69.0 103.4
 115 40.1 32.8 49.2



#38
 1-Methylnaphthalene
 Concen: 42.589 ng
 RT: 12.74 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BG043051.D
 Acq: 5 Oct 2019 12:21

Tgt Ion:142 Resp: 473268
 Ion Ratio Lower Upper
 142 100
 141 91.6 74.9 112.3
 116 4.3 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

BNA_G

ClientSampleId :

PB123649BS

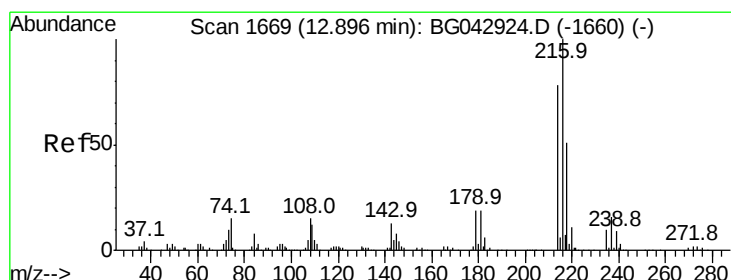
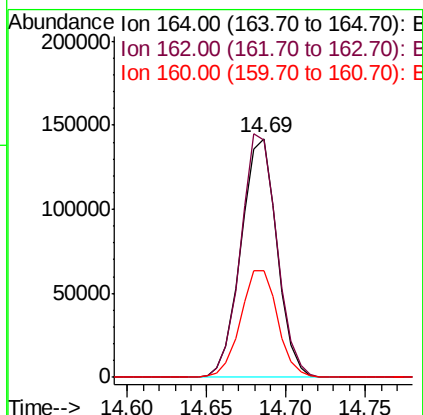
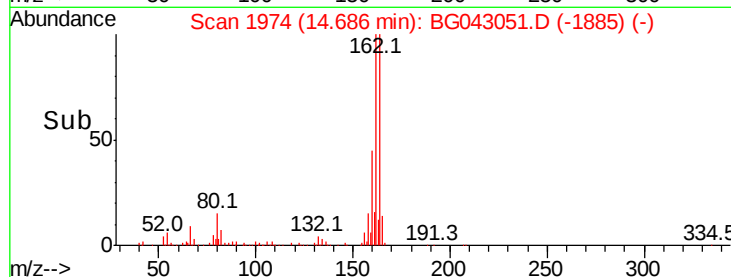
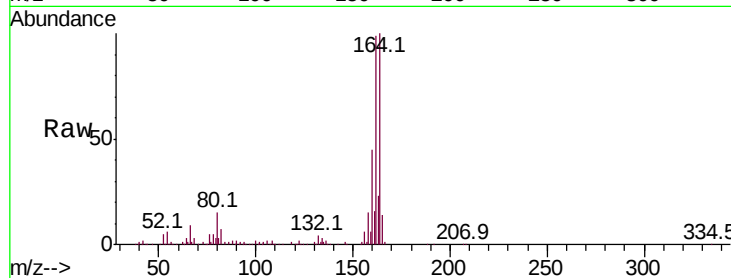
Tot Ion:164 Resp: 223261

Ion Ratio Lower Upper

164 100

162 99.1 78.5 117.7

160 44.9 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.466 ng

RT: 12.88 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Tgt Ion:216 Resp: 331296

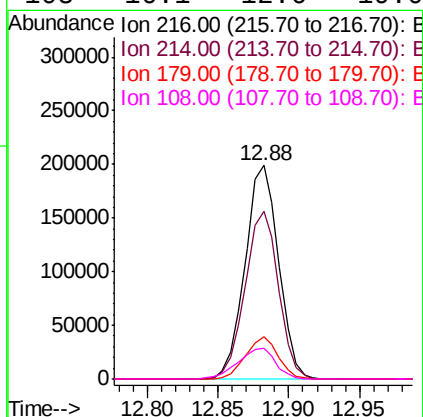
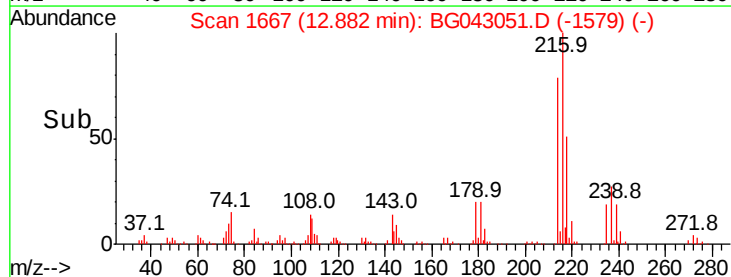
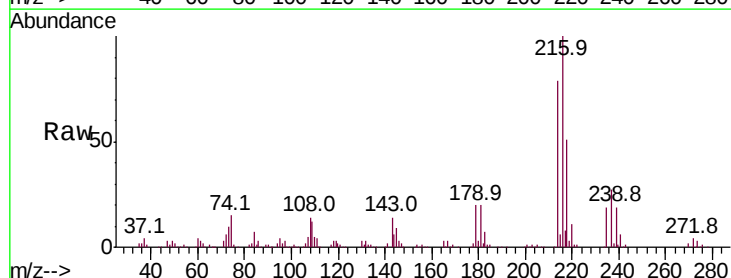
Ion Ratio Lower Upper

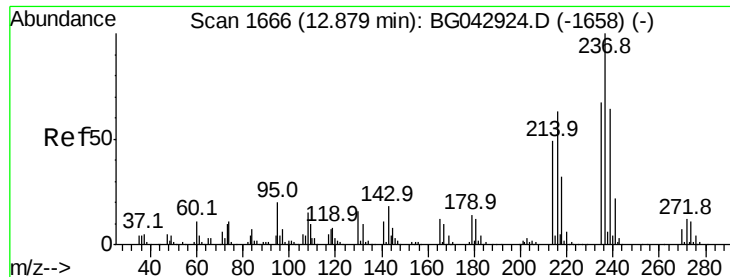
216 100

214 78.3 62.4 93.6

179 19.1 15.4 23.2

108 16.1 12.6 19.0





#41

Hexachlorocyclopentadiene

Concen: 69.942 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

BNA_G

ClientSampleId :

PB123649BS

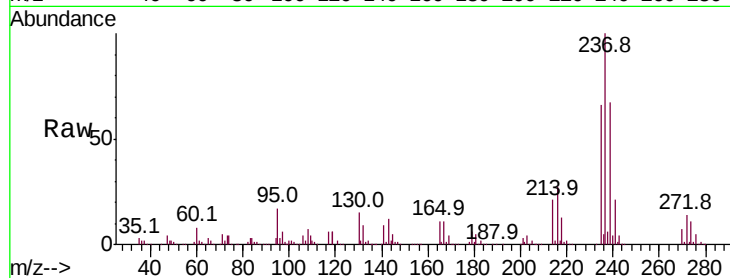
Tot Ion:237 Resp: 374091

Ion Ratio Lower Upper

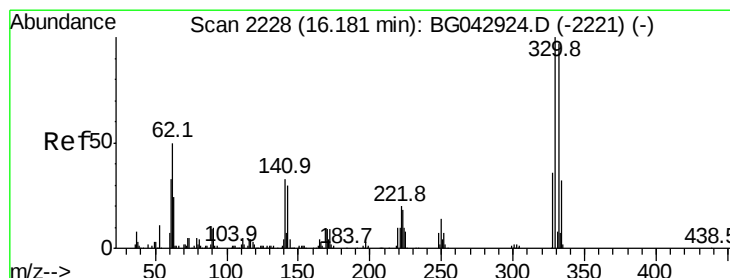
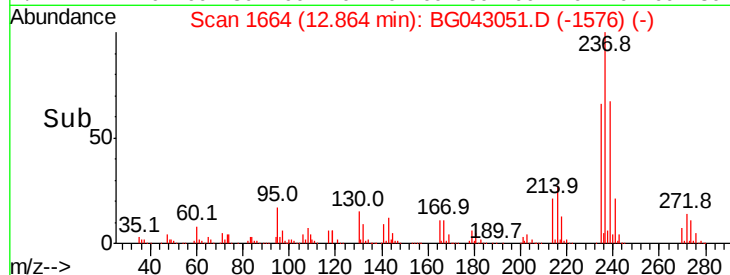
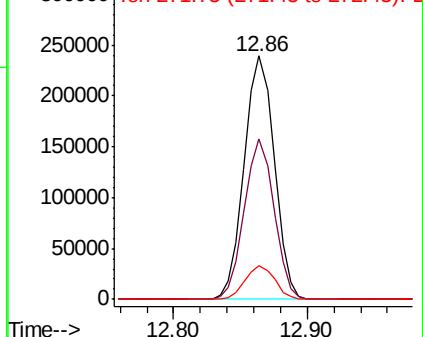
237 100

235 65.8 46.7 86.7

272 14.0 0.0 32.3



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: 113.109 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

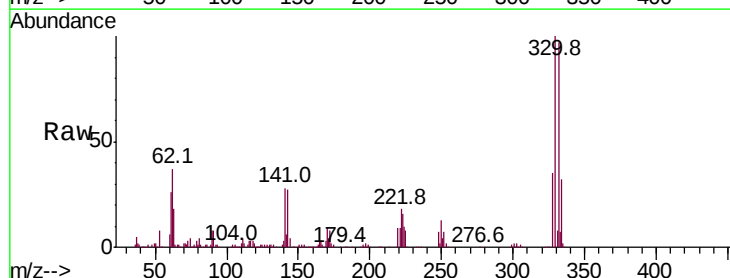
Tgt Ion:330 Resp: 434239

Ion Ratio Lower Upper

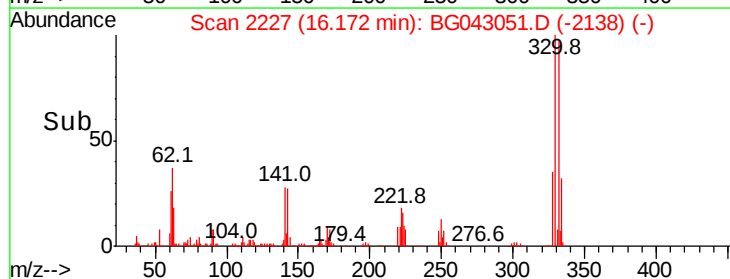
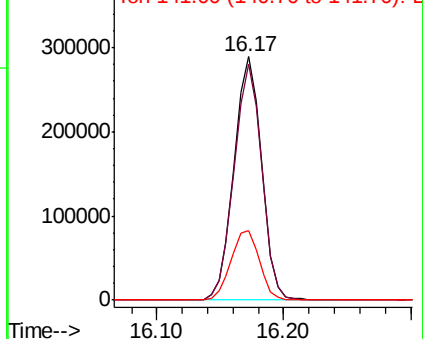
330 100

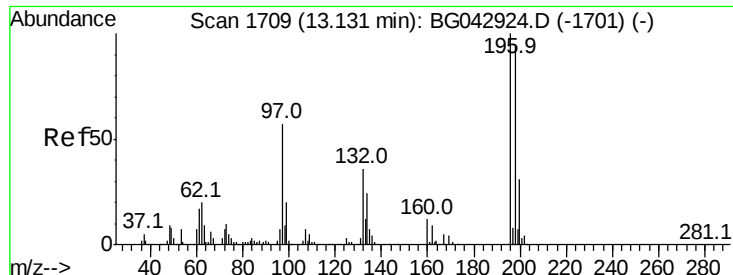
332 97.0 78.2 117.2

141 29.4 26.0 39.0



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

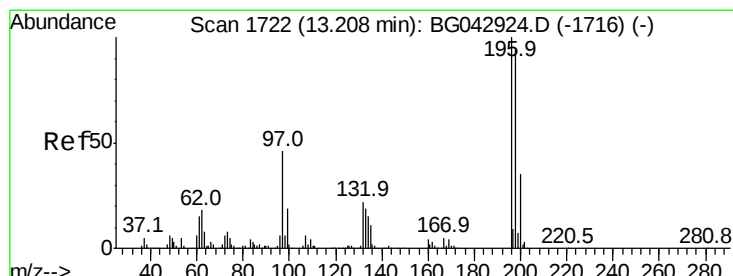
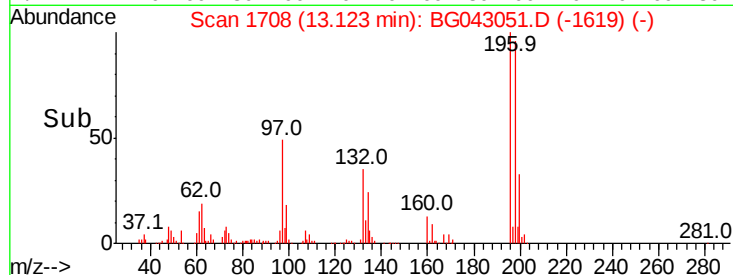
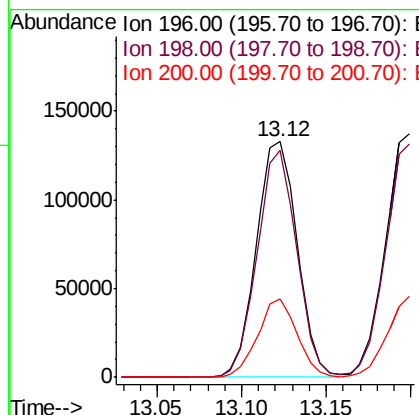
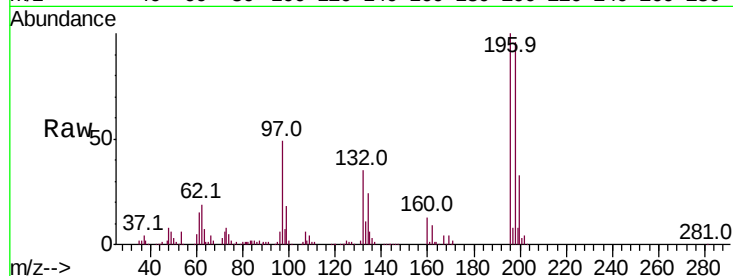




#43
 2,4,6-Trichlorophenol
 Concen: 45.424 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG043051.D
 Acq: 5 Oct 2019 12:21

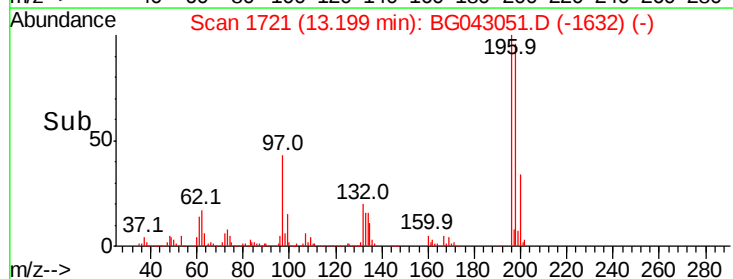
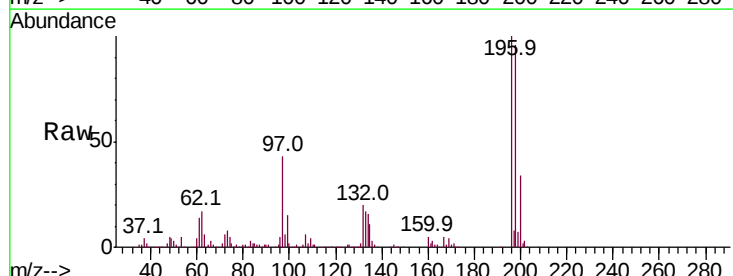
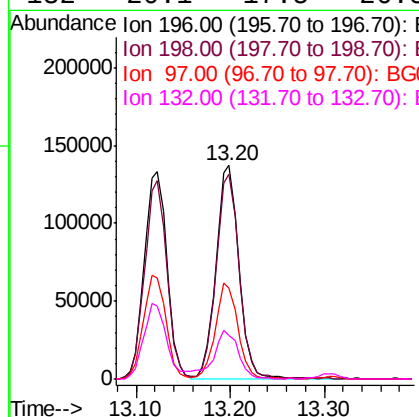
Instrument :
 BNA_G
 ClientSampleId :
 PB123649BS

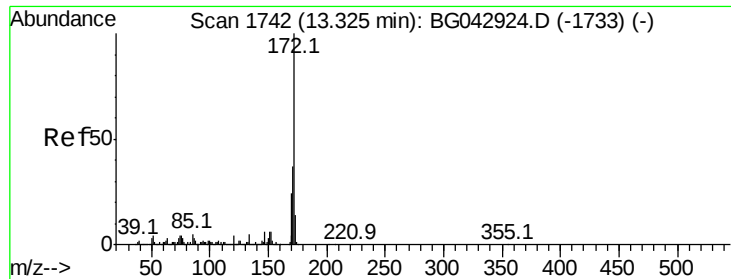
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	75.5	113.3
200	33.3	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 46.397 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG043051.D
 Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	75.1	112.7
97	42.8	37.0	55.4
132	20.1	17.5	26.3





#45

2-Fluorobiphenyl

Concen: 66.813 ng

RT: 13.30 min Scan# 1739

Delta R.T. -0.02 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

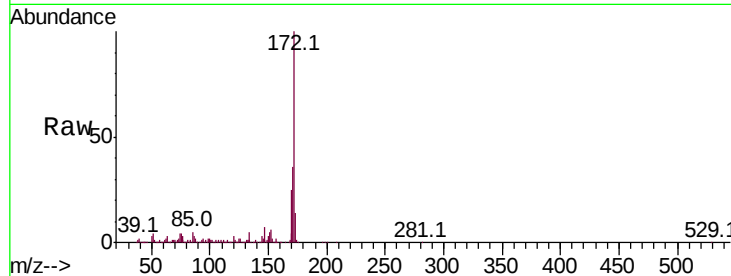
BNA_G

ClientSampleId :

PB123649BS

Tot Ion:172 Resp: 1028962

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.7	19.6	29.4

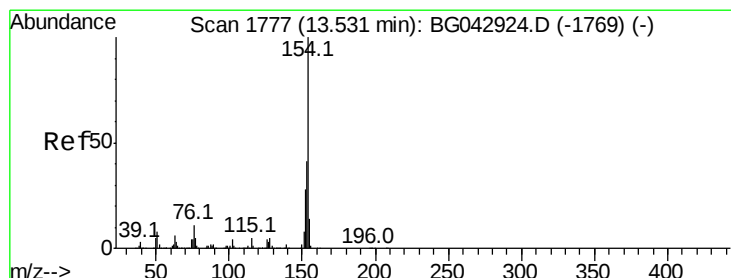
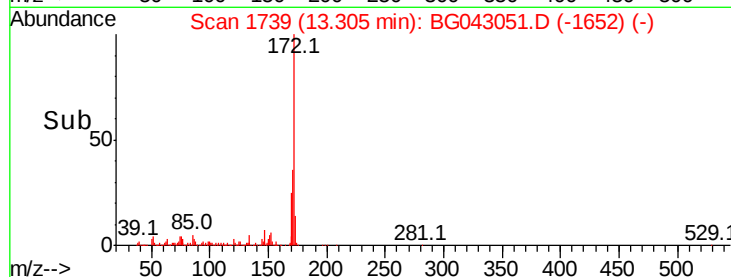
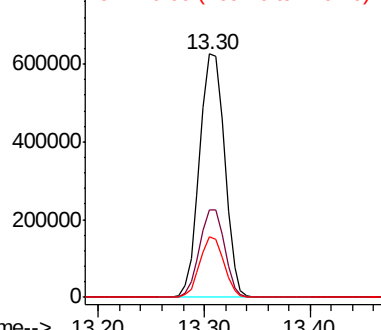


Abundance

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: 39.762 ng

RT: 13.52 min Scan# 1775

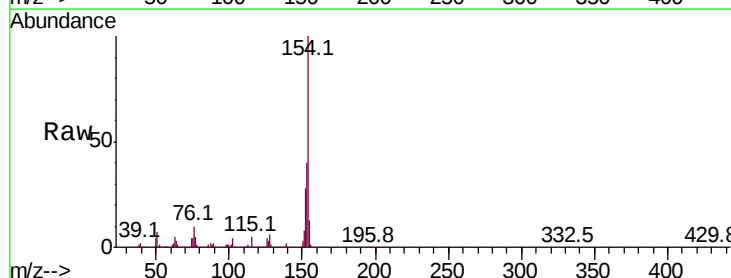
Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Tgt Ion:154 Resp: 673199

Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.4	61.4
76	10.1	0.0	31.3

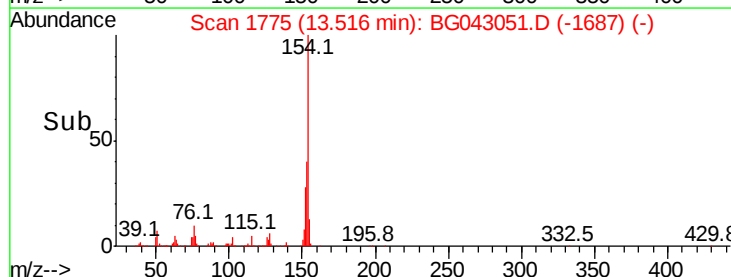
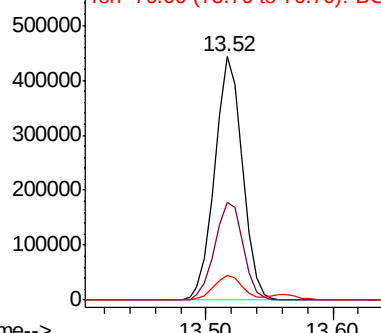


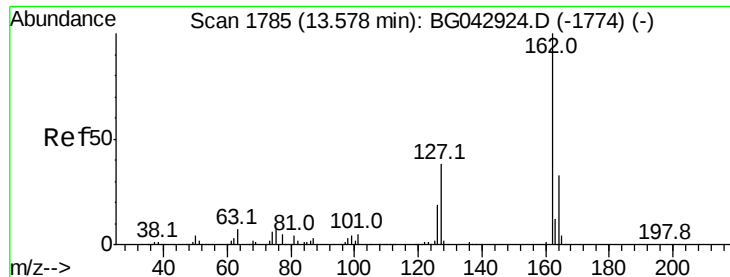
Abundance

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: 41.789 ng

RT: 13.56 min Scan# 1783

Delta R.T. -0.01 min

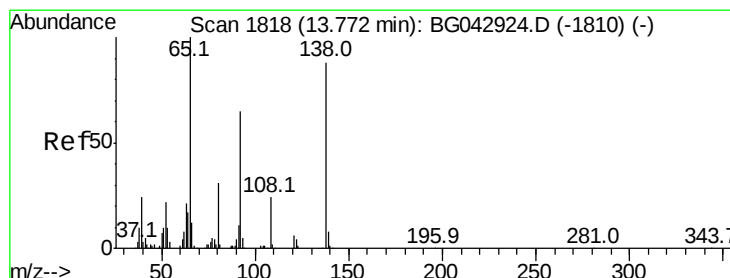
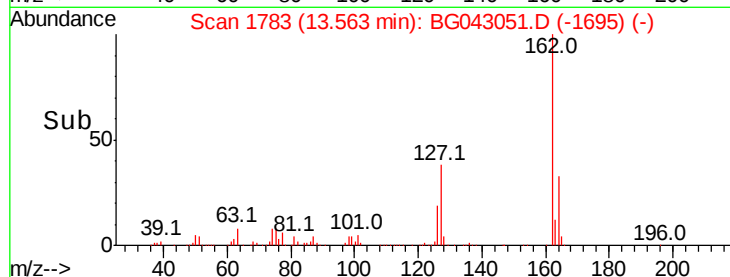
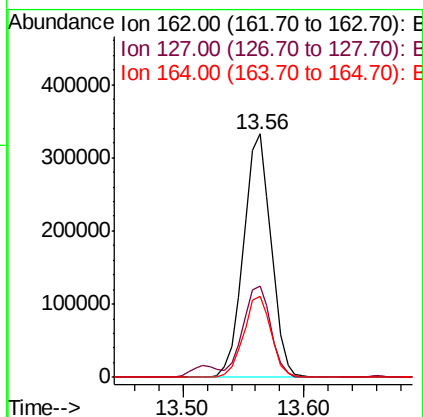
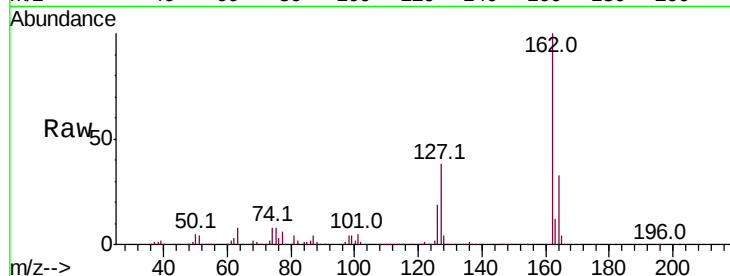
Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB123649BS

Tot Ion:162 Resp: 530464

Ion	Ratio	Lower	Upper
162	100		
127	37.7	31.0	46.6
164	33.3	26.2	39.2



#48

2-Nitroaniline

Concen: 40.779 ng

RT: 13.76 min Scan# 1817

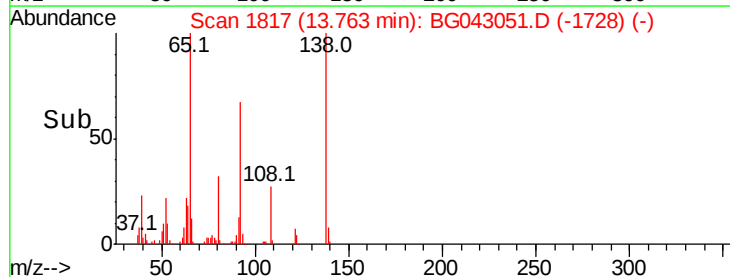
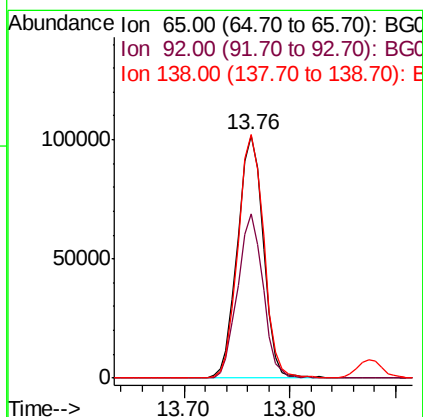
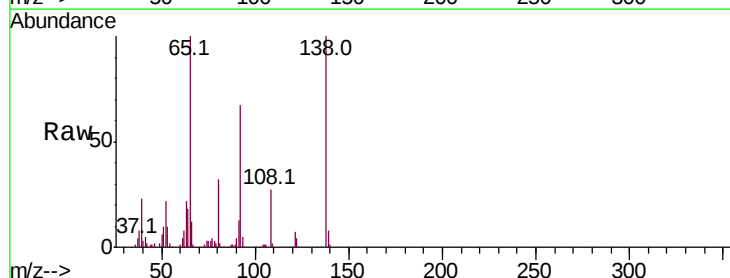
Delta R.T. -0.01 min

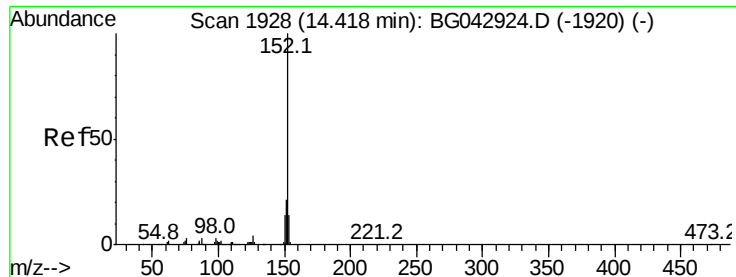
Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Tgt Ion: 65 Resp: 172142

Ion	Ratio	Lower	Upper
65	100		
92	67.6	52.0	78.0
138	100.3	70.4	105.6





#49

Acenaphthylene

Concen: 43.335 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

BNA_G

ClientSampleId :

PB123649BS

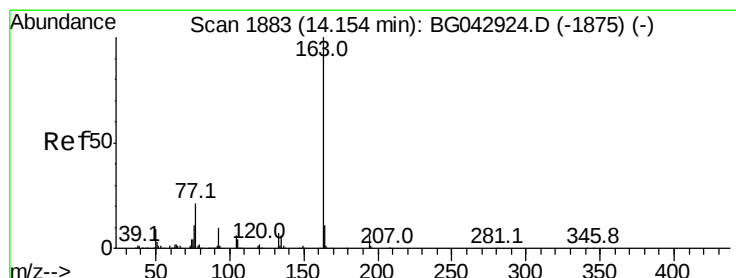
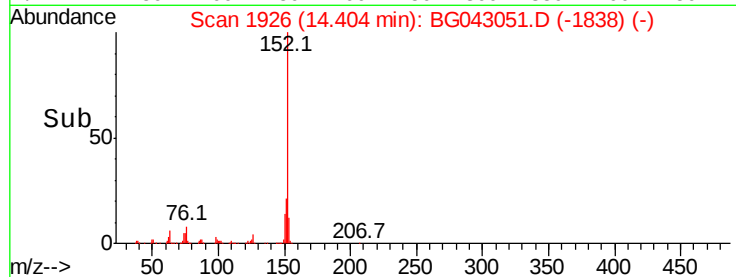
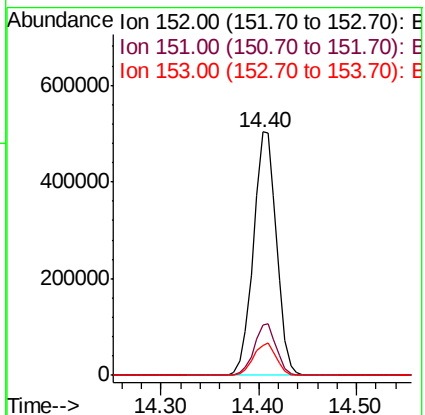
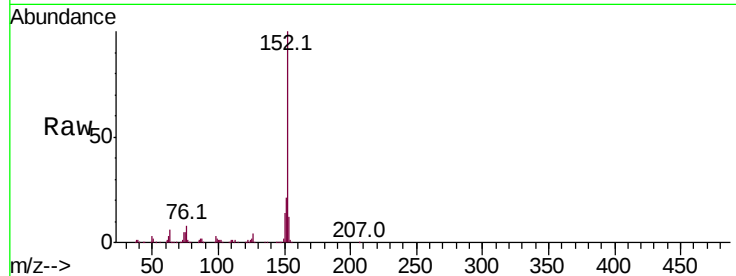
Tot Ion:152 Resp: 841732

Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

153 12.4 11.3 16.9



#50

Dimethylphthalate

Concen: 41.274 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

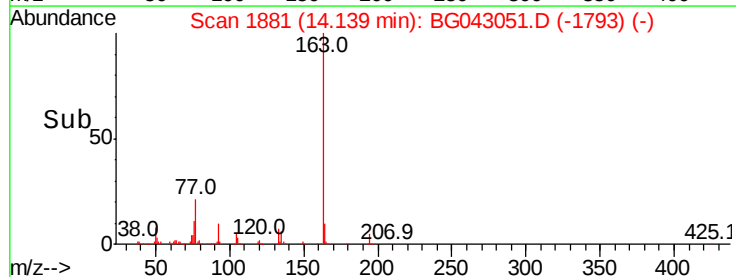
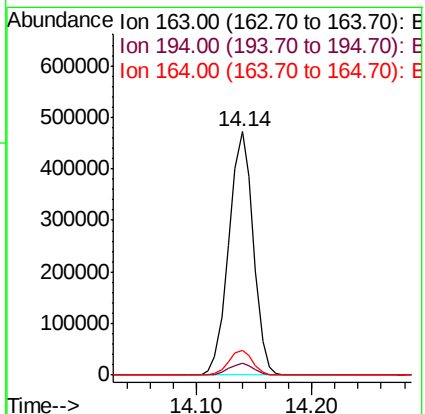
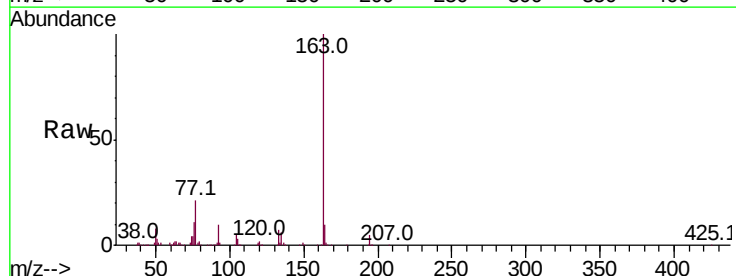
Tgt Ion:163 Resp: 690439

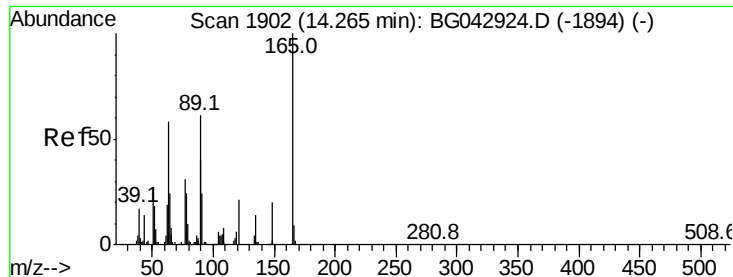
Ion Ratio Lower Upper

163 100

194 4.8 4.4 6.6

164 10.1 8.6 12.8

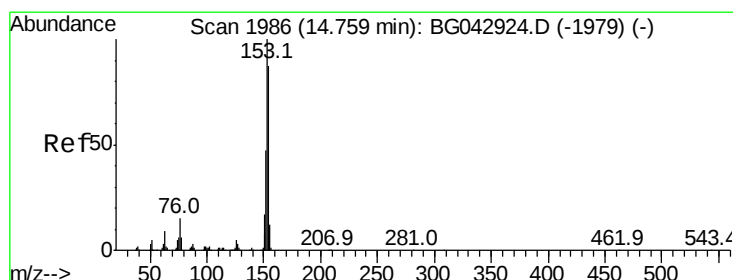
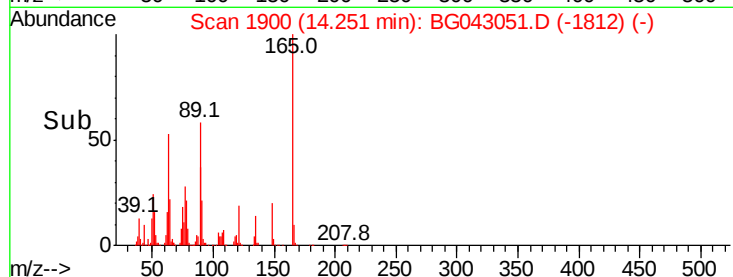
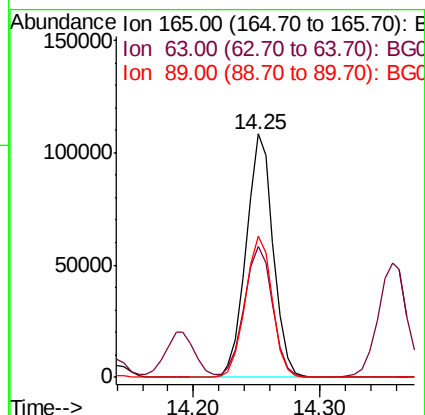
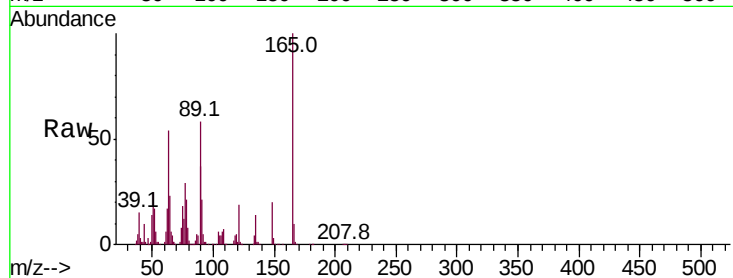




#51
2,6-Dinitrotoluene
Concen: 44.954 ng
RT: 14.25 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

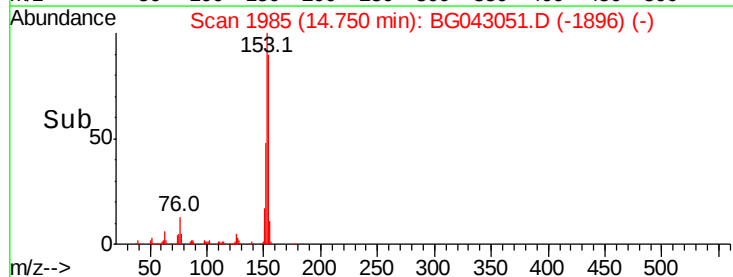
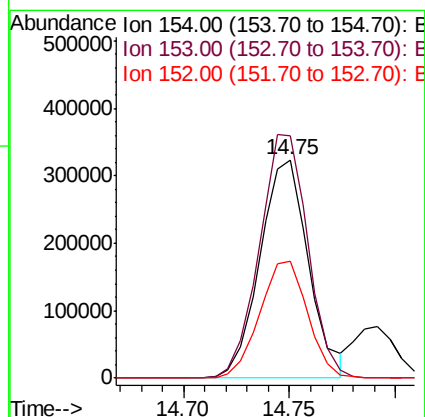
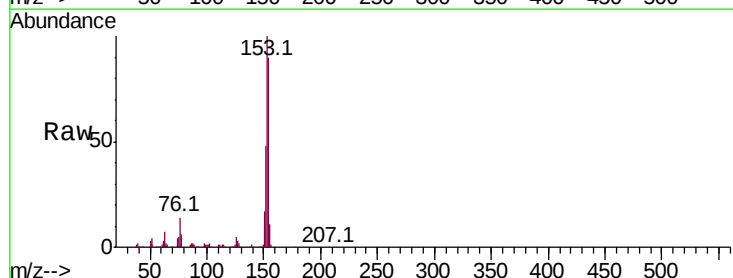
Instrument :
BNA_G
ClientSampleId :
PB123649BS

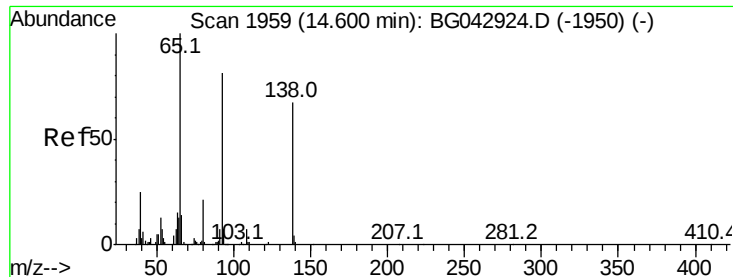
Tot Ion	Ratio	Lower	Upper
165	100		
63	53.9	50.3	75.5
89	58.2	48.9	73.3



#52
Acenaphthene
Concen: 39.836 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.3	91.4	137.0
152	53.7	42.8	64.2





#53

3-Nitroaniline

Concen: 34.923 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

BNA_G

ClientSampleId :

PB123649BS

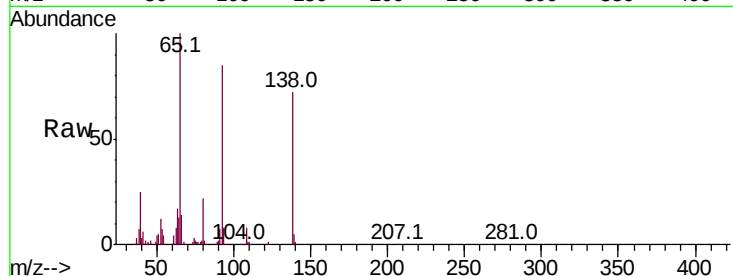
Tot Ion:138 Resp: 128571

Ion Ratio Lower Upper

138 100

108 11.0 7.9 11.9

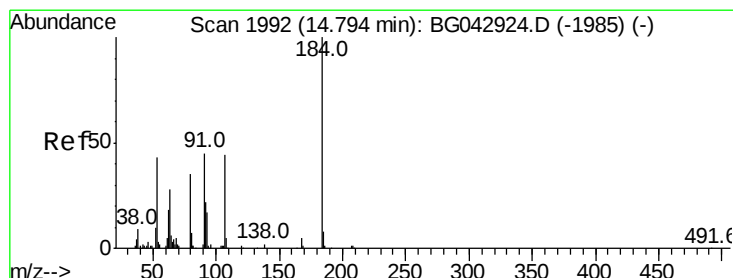
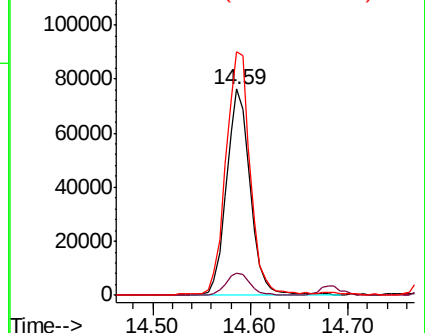
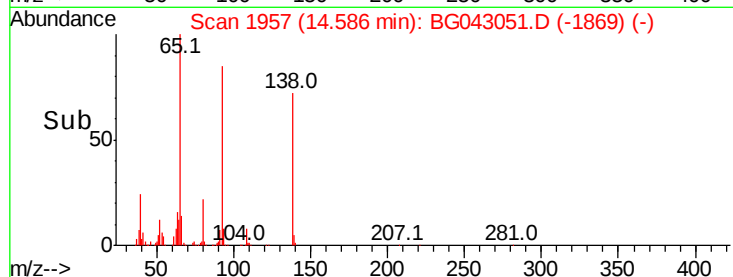
92 118.1 97.0 145.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 85.665 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

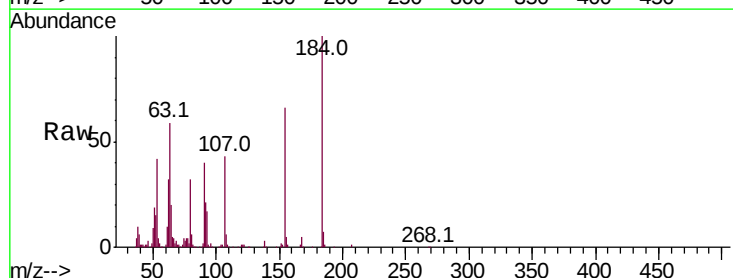
Tgt Ion:184 Resp: 189688

Ion Ratio Lower Upper

184 100

63 59.2 55.0 82.6

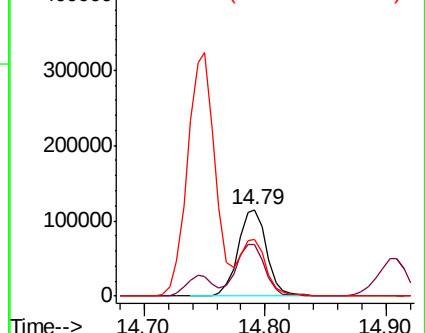
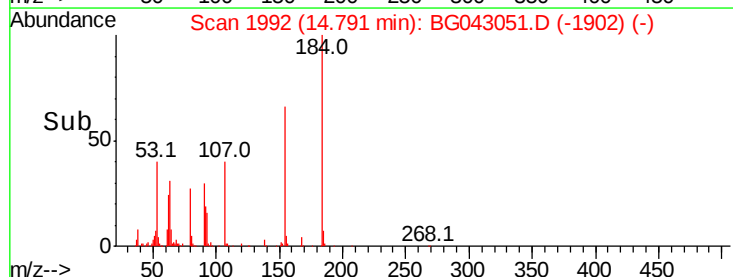
154 65.9 56.5 84.7

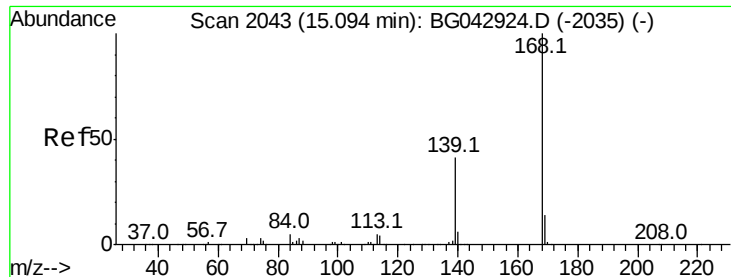


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

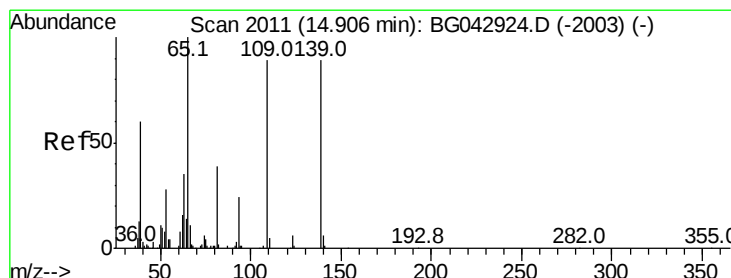
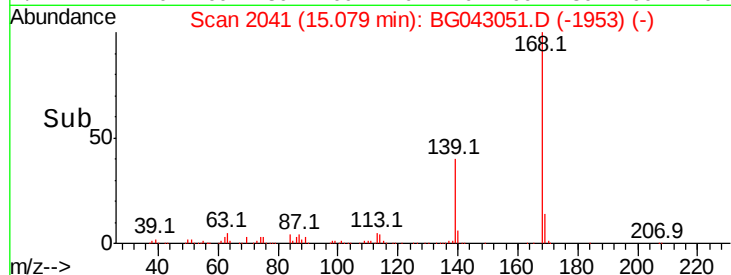
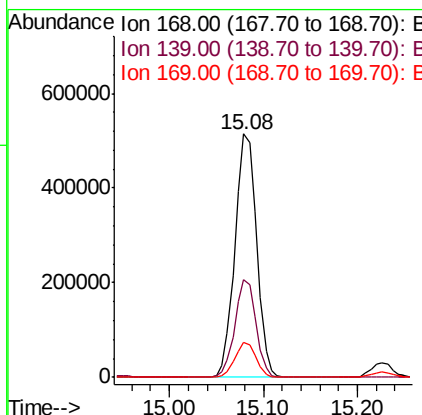
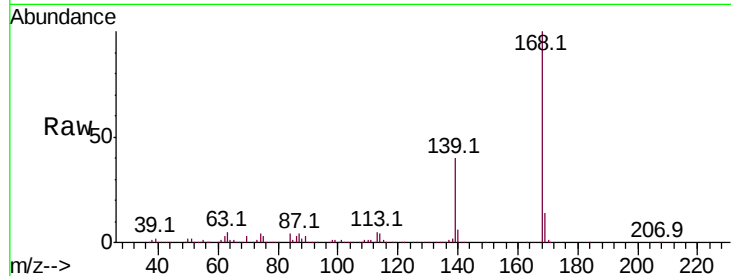




#55
Dibenzofuran
Concen: 42.937 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

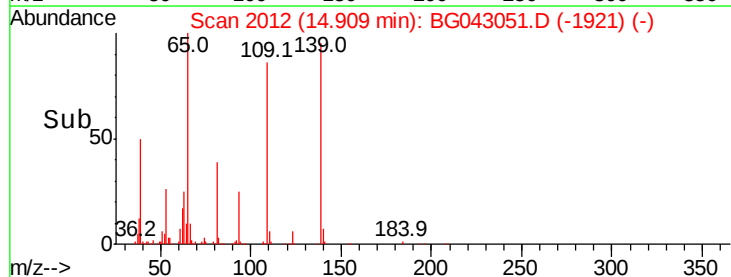
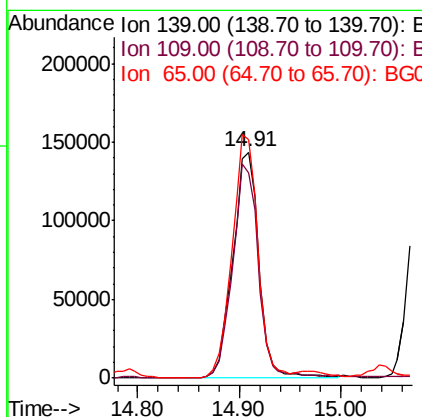
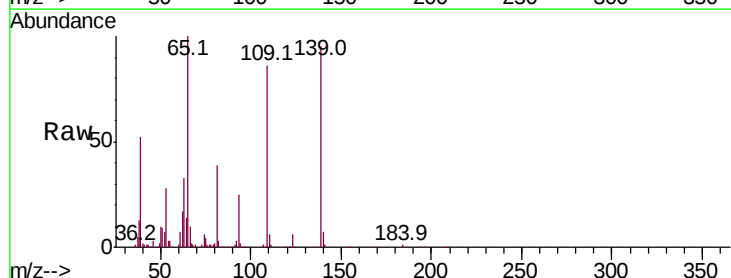
Instrument :
BNA_G
ClientSampleId :
PB123649BS

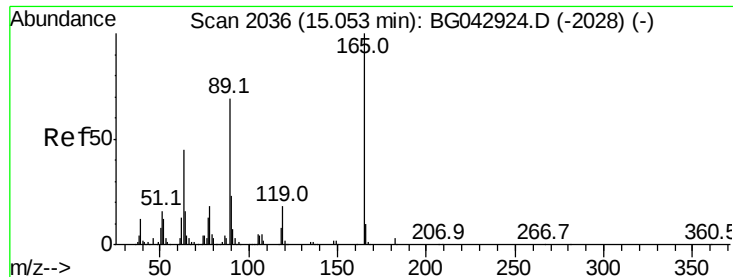
Tot Ion:168 Resp: 825788
Ion Ratio Lower Upper
168 100
139 40.0 32.6 48.8
169 14.4 11.2 16.8



#56
4-Nitrophenol
Concen: 91.772 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Tgt Ion:139 Resp: 257428
Ion Ratio Lower Upper
139 100
109 91.0 79.4 119.4
65 105.4 92.5 132.5

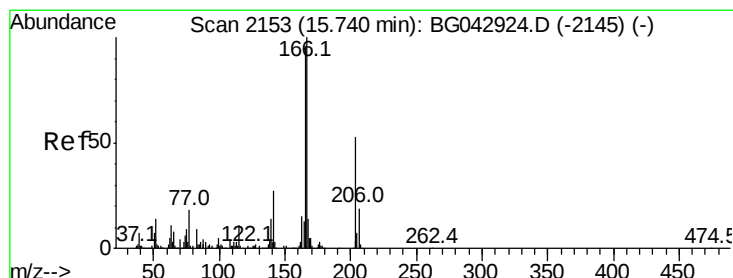
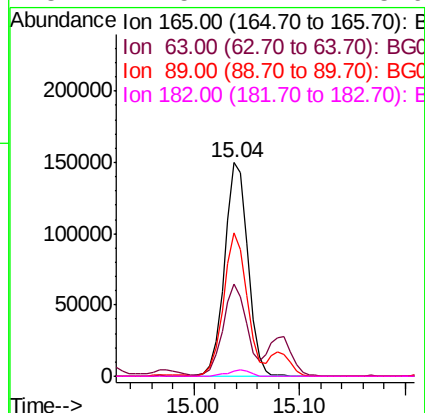
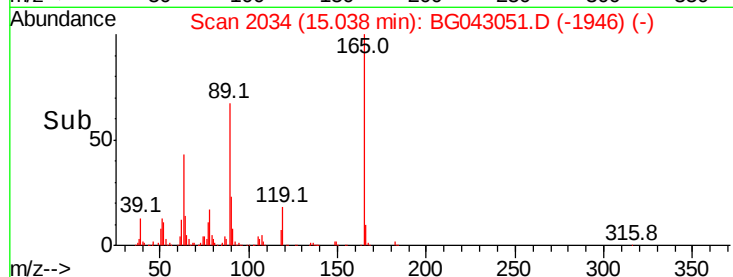
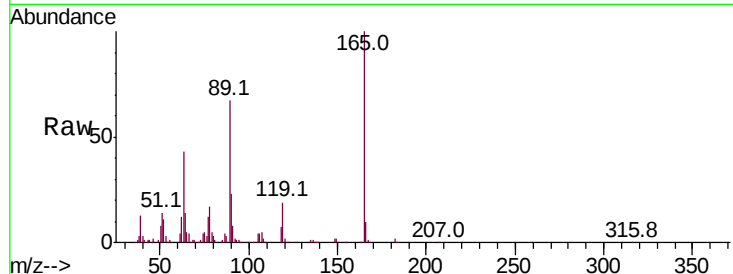




#57
2,4-Dinitrotoluene
Concen: 43.918 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

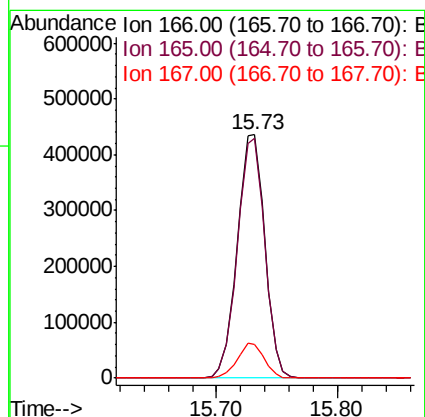
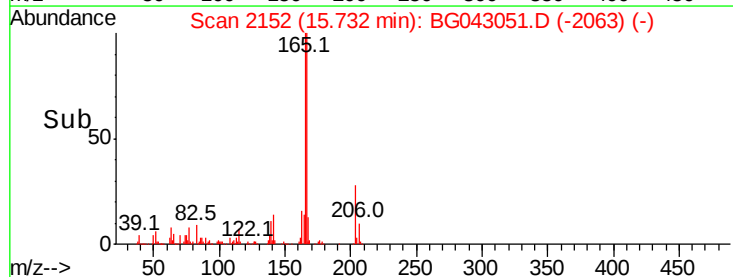
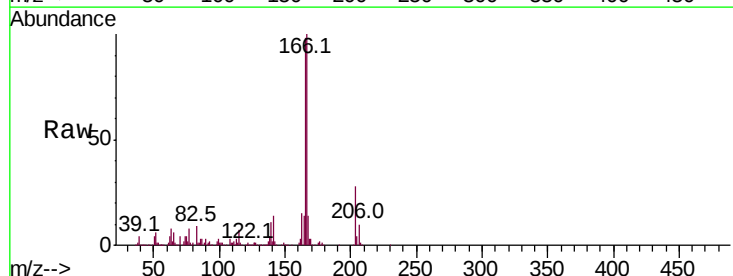
Instrument :
BNA_G
ClientSampleId :
PB123649BS

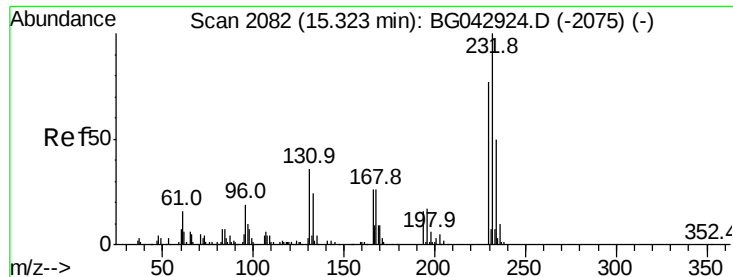
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.0	36.5	54.7
89	67.1	55.5	83.3
182	2.5	2.4	3.6



#58
Fluorene
Concen: 42.234 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.1	115.7
167	13.7	11.0	16.6

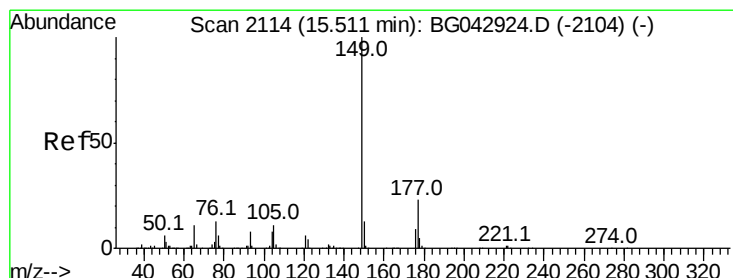
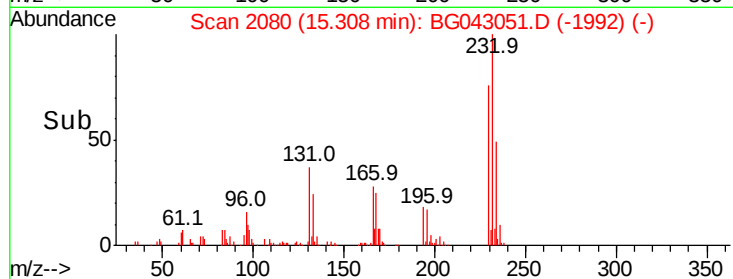
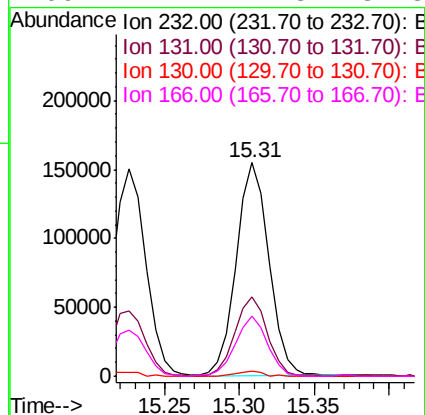
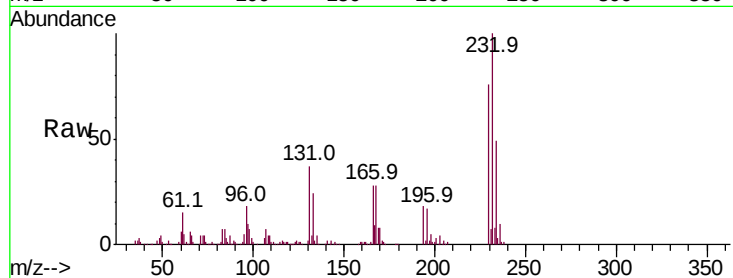




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.759 ng
RT: 15.31 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

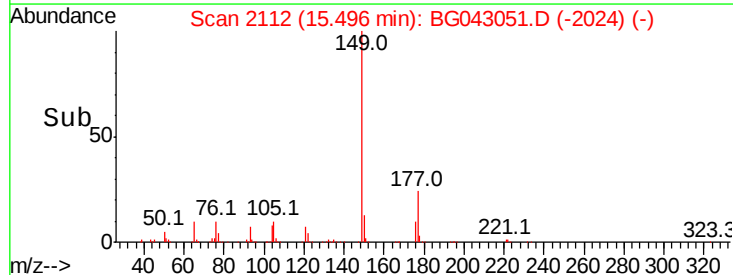
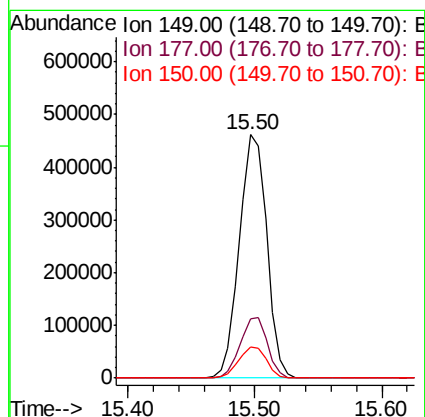
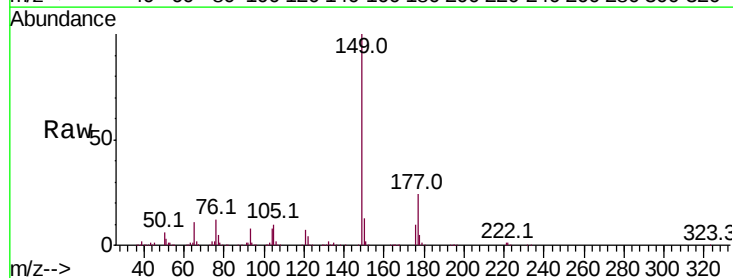
Instrument :
BNA_G
ClientSampleId :
PB123649BS

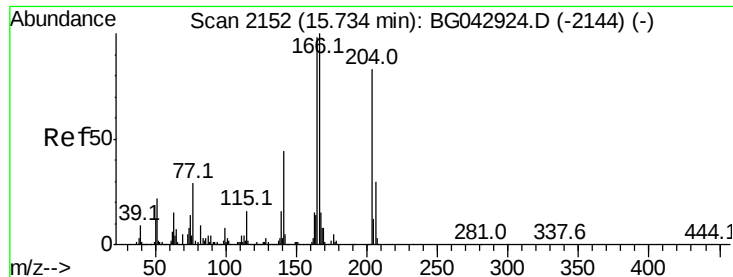
Tot Ion:	232	Resp:	235825
Ion	Ratio	Lower	Upper
232	100		
131	37.4	29.6	44.4
130	2.0	1.9	2.9
166	27.1	21.8	32.8



#60
Diethylphthalate
Concen: 40.505 ng
RT: 15.50 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Tgt Ion:	149	Resp:	689567
Ion	Ratio	Lower	Upper
149	100		
177	24.4	18.8	28.2
150	12.8	10.6	15.8

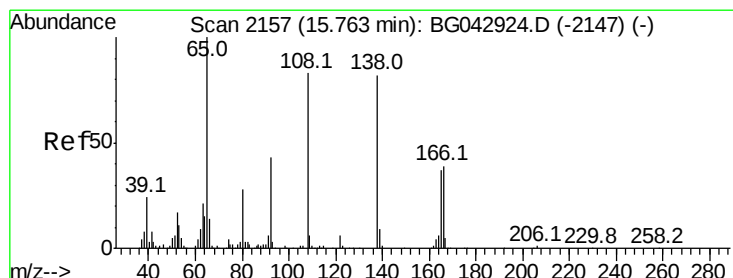
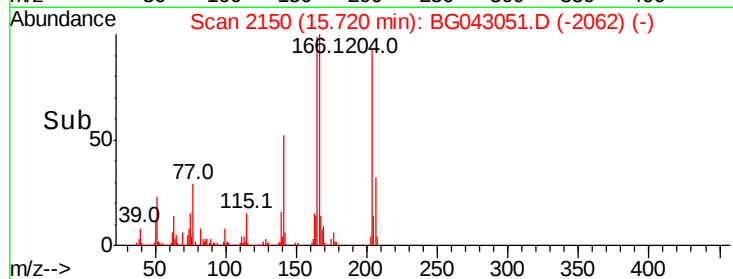
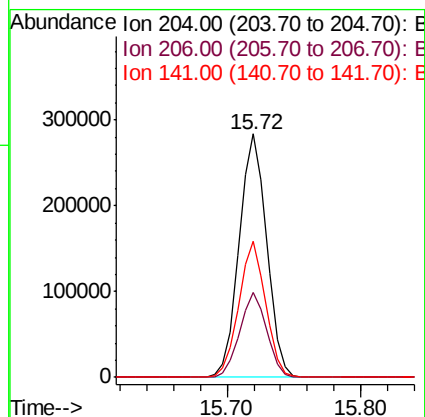
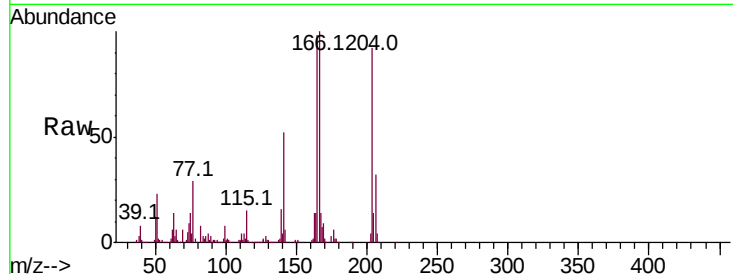




#61
4-Chlorophenyl-phenylether
Concen: 41.005 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

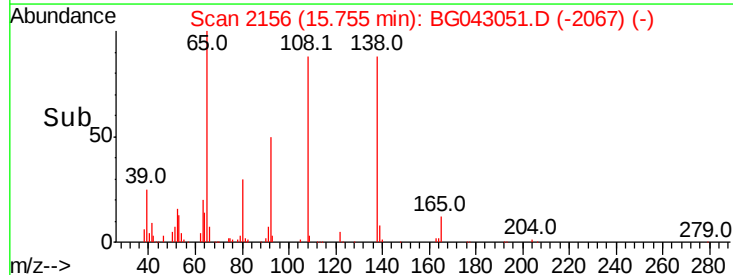
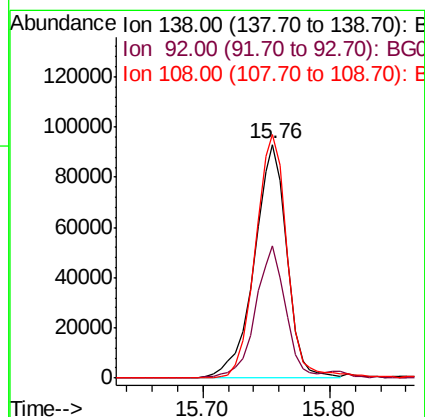
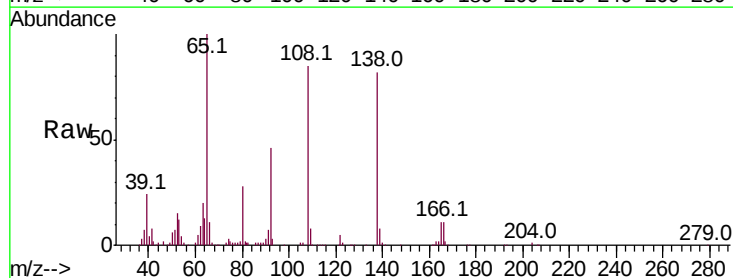
Instrument :
BNA_G
ClientSampleId :
PB123649BS

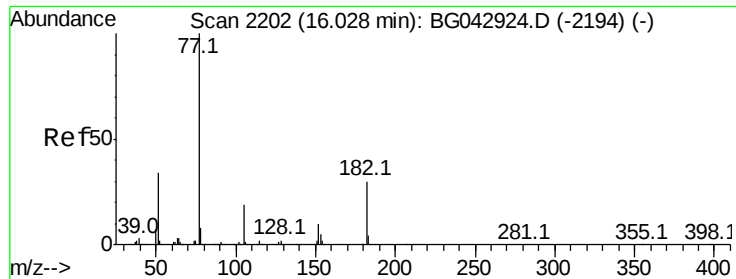
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.9	28.5	42.7
141	56.0	42.4	63.6



#62
4-Nitroaniline
Concen: 41.410 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.5	32.9	72.9
108	104.1	81.3	121.3

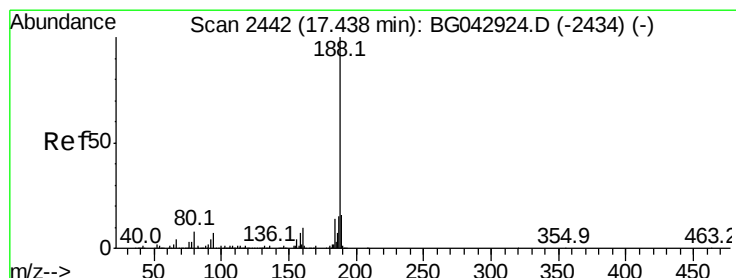
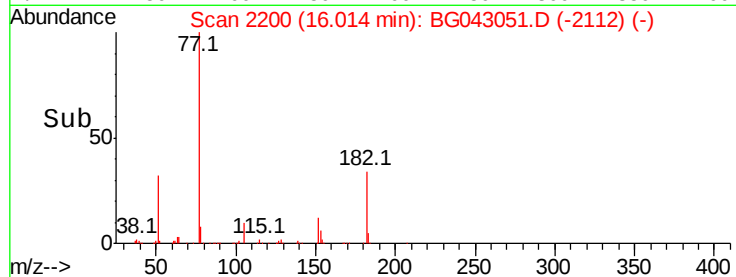
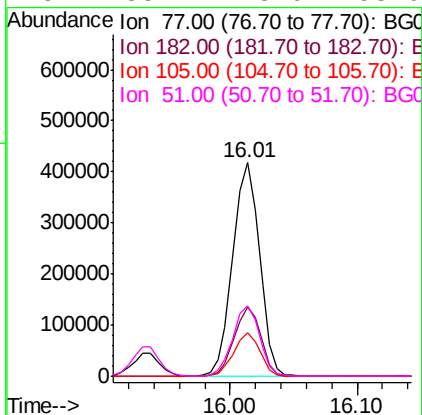
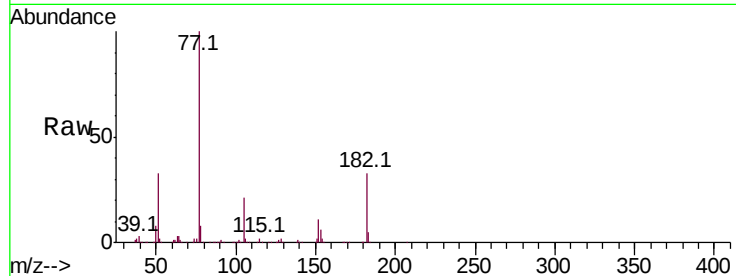




#63
Azobenzene
Concen: 39.425 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

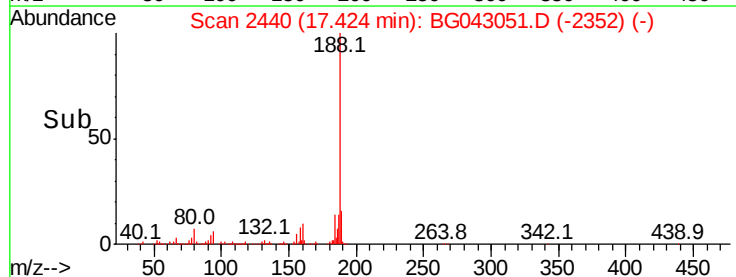
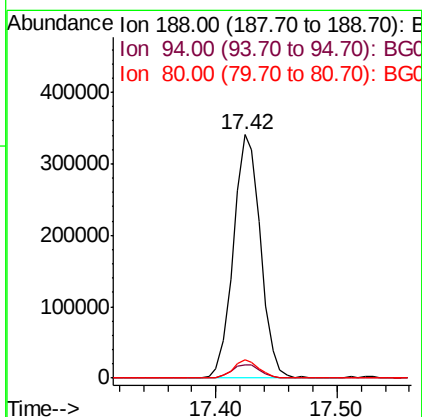
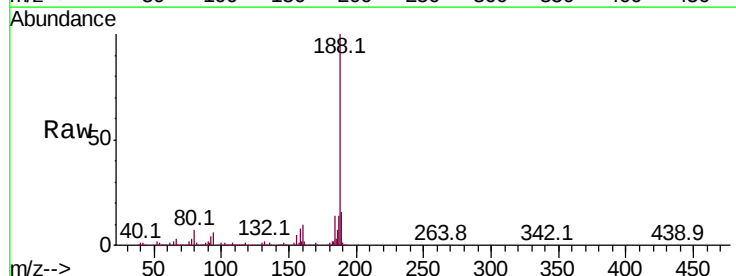
Instrument :
BNA_G
ClientSampleId :
PB123649BS

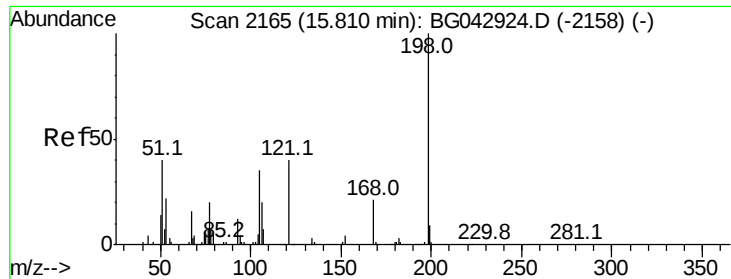
Tot Ion:	77	Resp:	611065
Ion	Ratio	Lower	Upper
77	100		
182	32.6	10.2	50.2
105	20.6	0.0	39.1
51	33.2	13.9	53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Tgt Ion:	188	Resp:	532782
Ion	Ratio	Lower	Upper
188	100		
94	5.6	5.7	8.5#
80	7.3	6.5	9.7

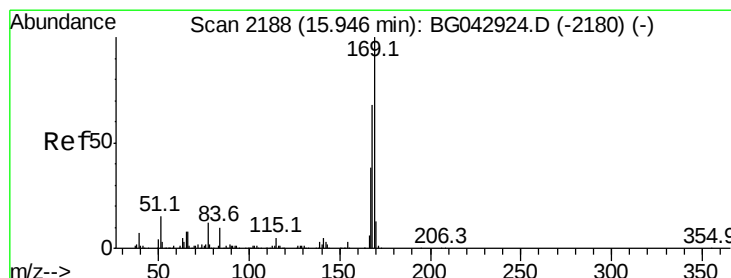
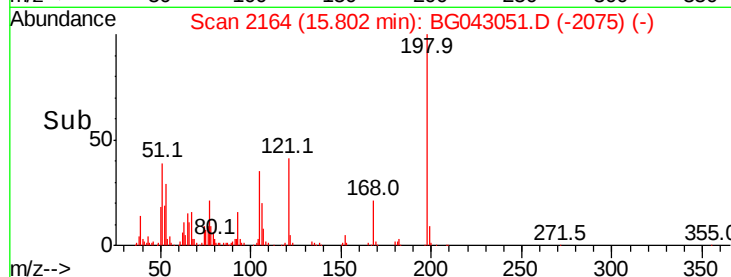
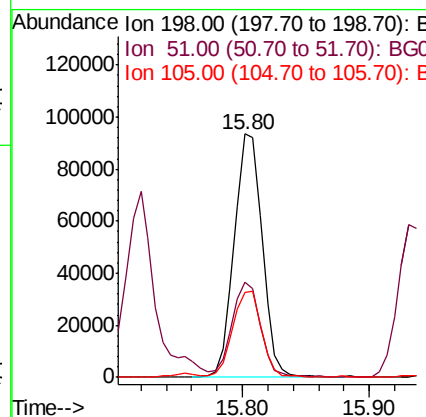
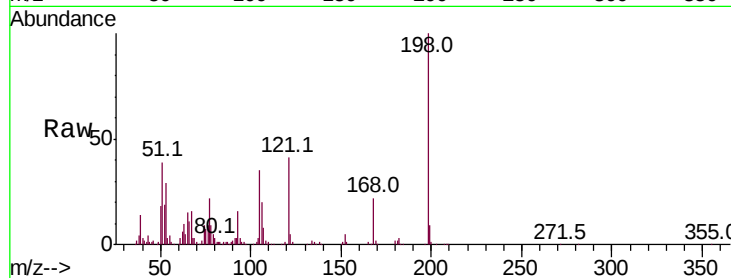




#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.365 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BG043051.D
 Acq: 5 Oct 2019 12:21

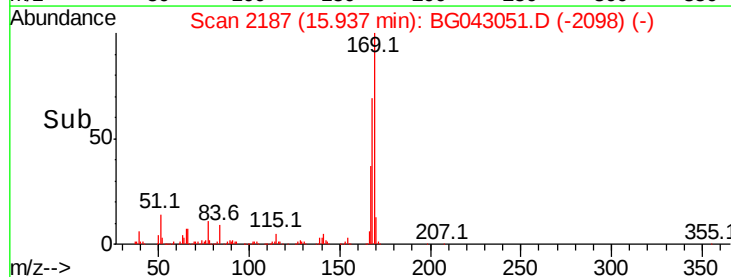
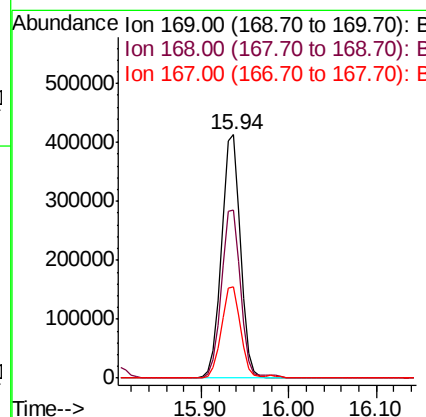
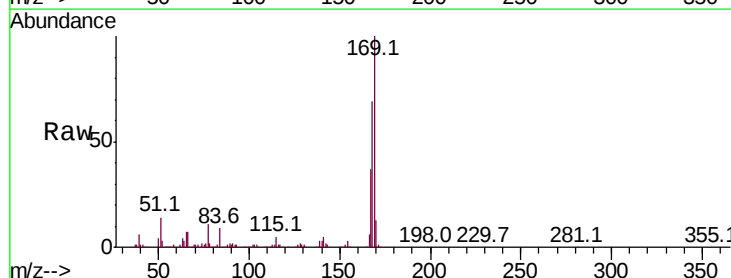
Instrument :
 BNA_G
 ClientSampleId :
 PB123649BS

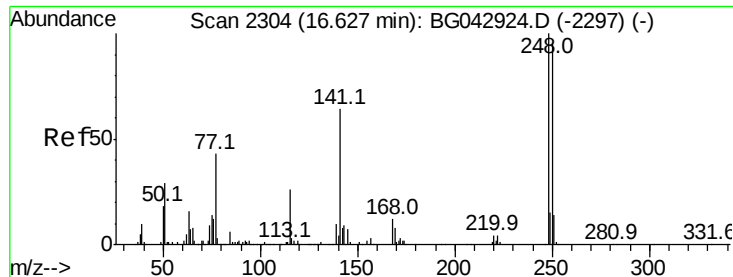
Tot Ion:198 Resp: 142796
 Ion Ratio Lower Upper
 198 100
 51 39.1 25.3 65.3
 105 34.7 16.6 56.6



#66
 n-Nitrosodiphenylamine
 Concen: 44.186 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG043051.D
 Acq: 5 Oct 2019 12:21

Tgt Ion:169 Resp: 621464
 Ion Ratio Lower Upper
 169 100
 168 68.8 54.8 82.2
 167 37.5 30.6 46.0

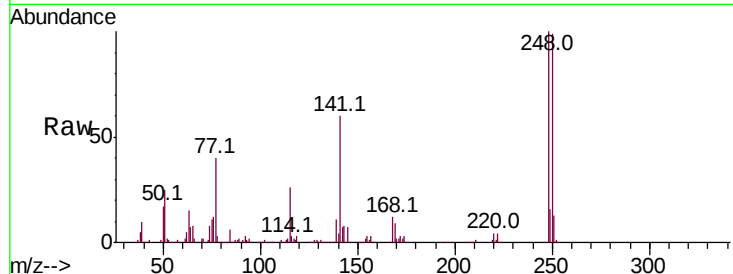




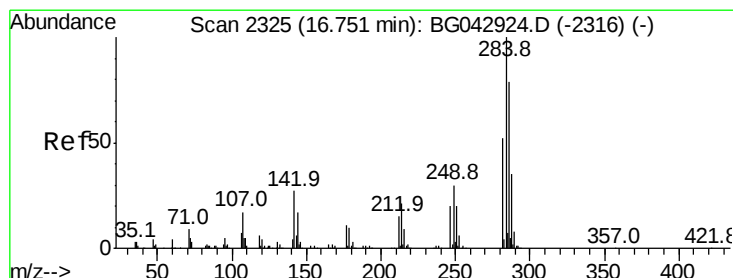
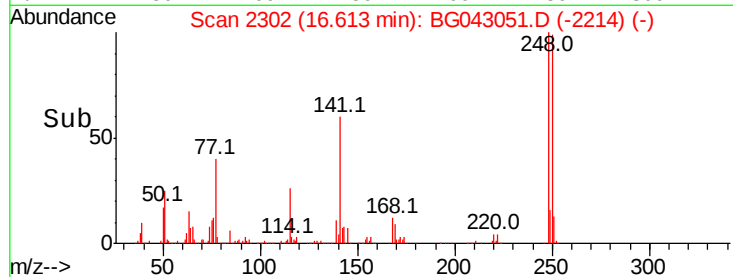
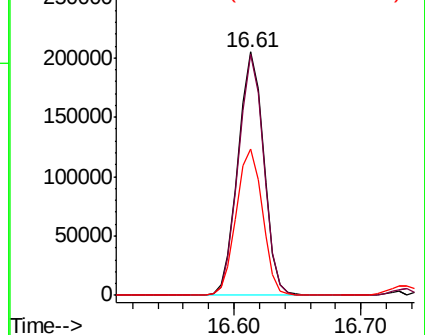
#67
4-Bromophenyl-phenylether
Concen: 43.166 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB123649BS

Tot Ion:248 Resp: 288647
Ion Ratio Lower Upper
248 100
250 98.8 75.8 113.8
141 60.1 51.1 76.7

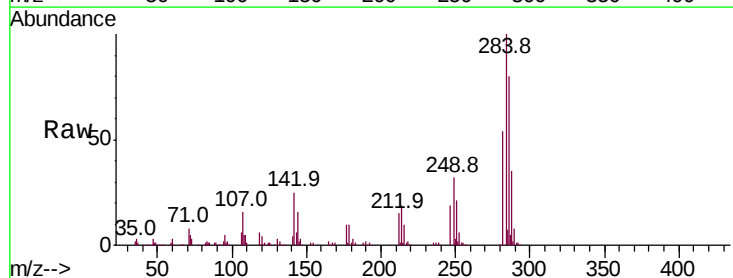


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

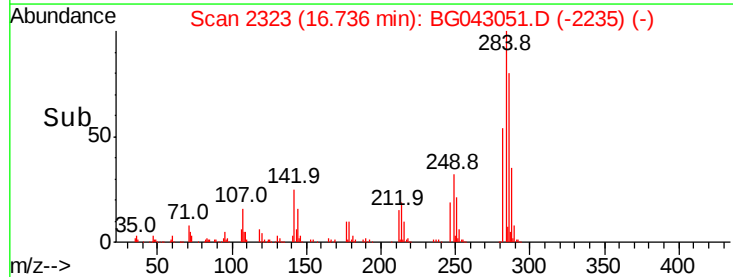
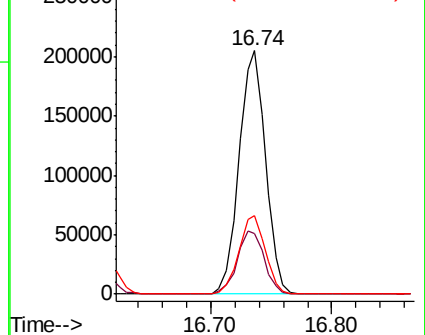


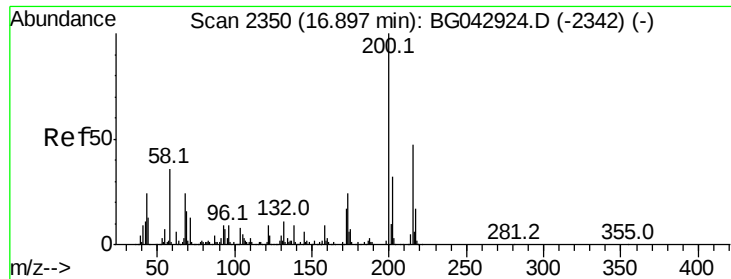
#68
Hexachlorobenzene
Concen: 42.128 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Tgt Ion:284 Resp: 313660
Ion Ratio Lower Upper
284 100
142 25.0 21.6 32.4
249 32.4 24.1 36.1



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: 40.350 ng

RT: 16.88 min Scan# 2348

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

BNA_G

ClientSampleId :

PB123649BS

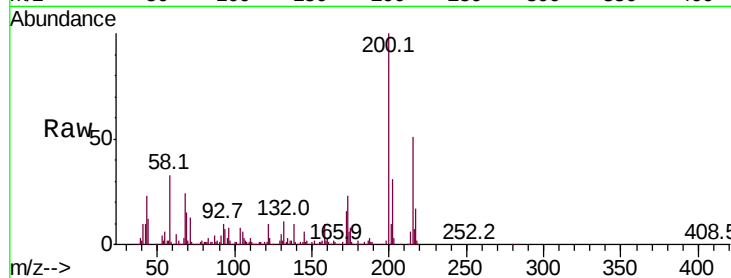
Tot Ion:200 Resp: 238979

Ion Ratio Lower Upper

200 100

173 23.3 4.0 44.0

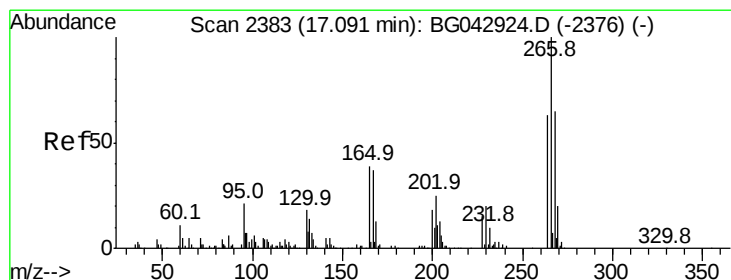
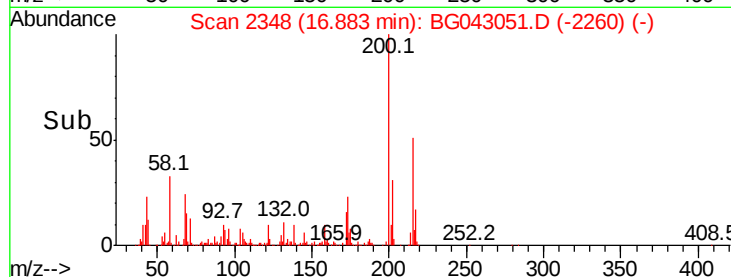
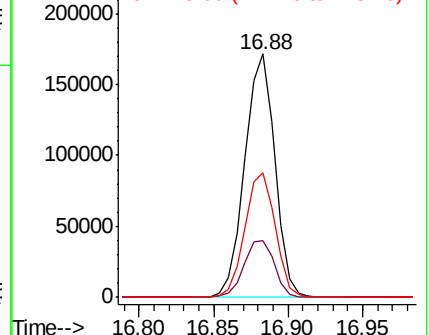
215 51.2 27.4 67.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 90.439 ng

RT: 17.08 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

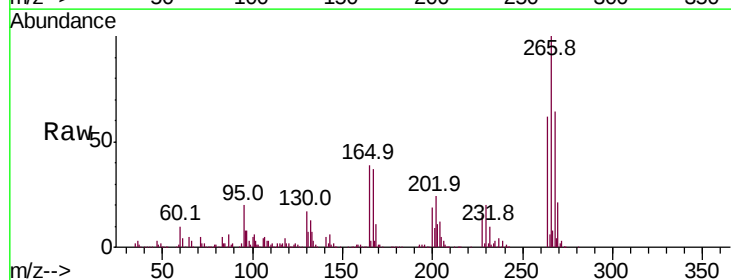
Tgt Ion:266 Resp: 388544

Ion Ratio Lower Upper

266 100

268 63.8 52.2 78.2

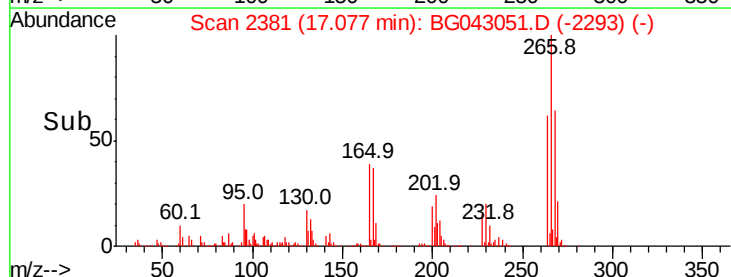
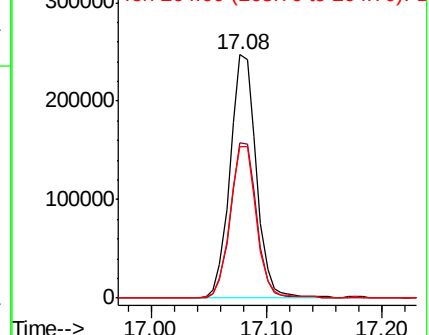
264 62.3 50.7 76.1

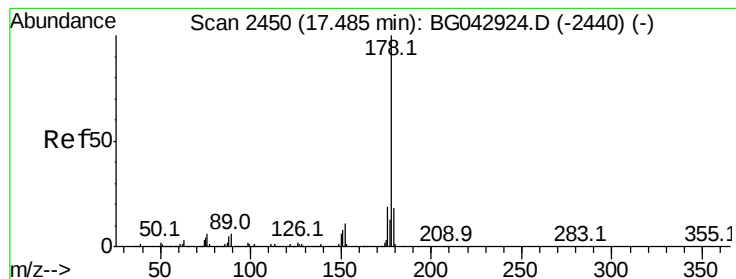


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.495 ng

RT: 17.47 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

BNA_G

ClientSampleId :

PB123649BS

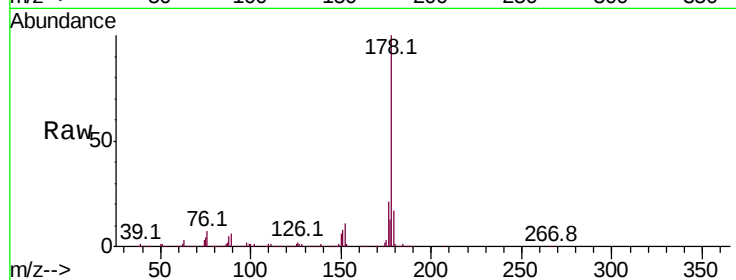
Tot Ion:178 Resp: 1105333

Ion Ratio Lower Upper

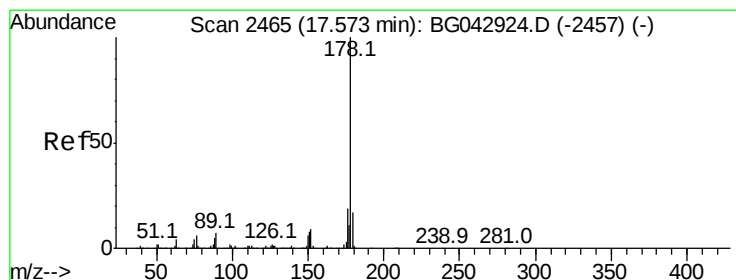
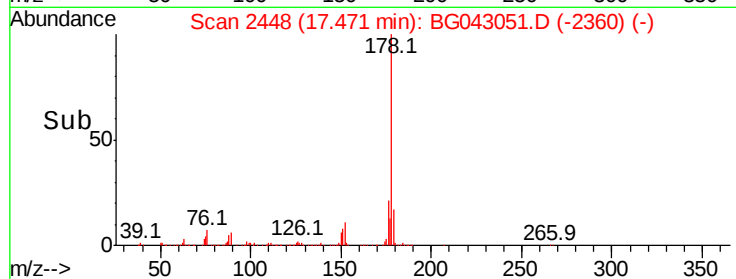
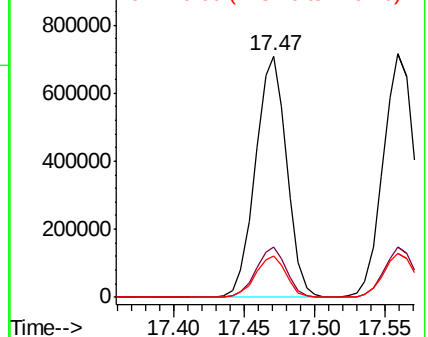
178 100

176 21.0 15.1 22.7

179 17.2 14.1 21.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.105 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

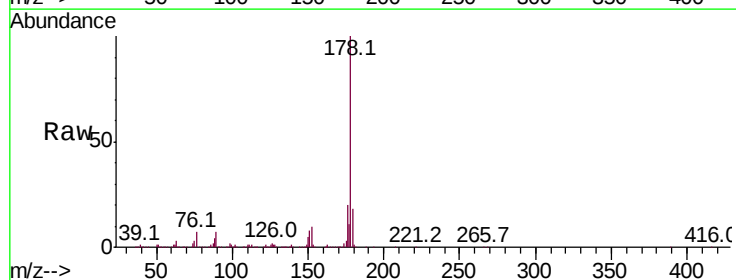
Tgt Ion:178 Resp: 1119306

Ion Ratio Lower Upper

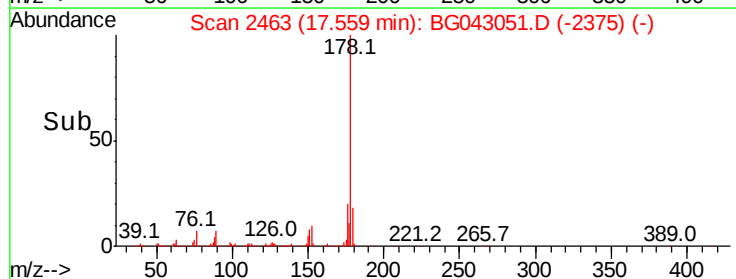
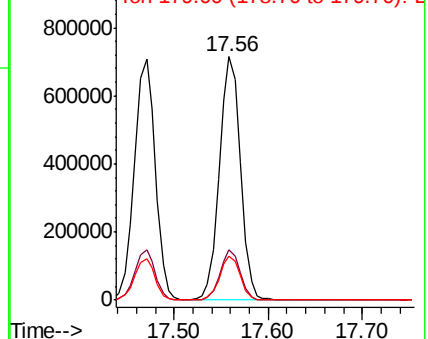
178 100

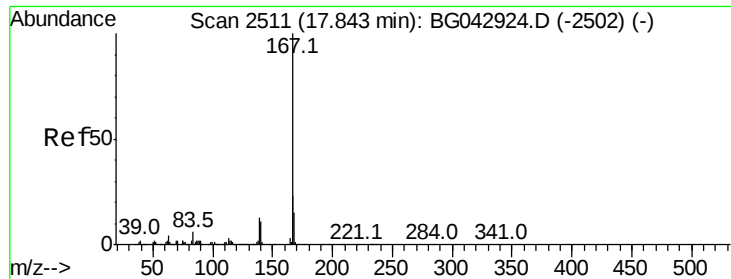
176 20.4 15.5 23.3

179 18.0 13.5 20.3



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 43.357 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

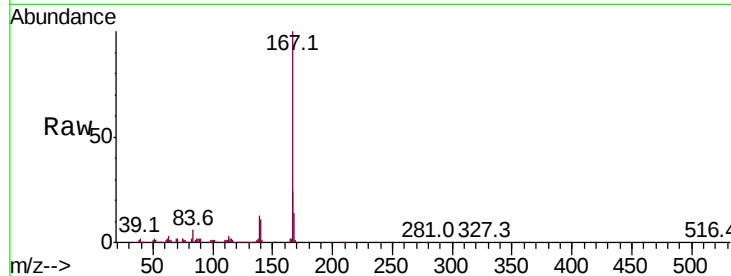
BNA_G

ClientSampleId :

PB123649BS

Tot Ion:167 Resp: 1044015

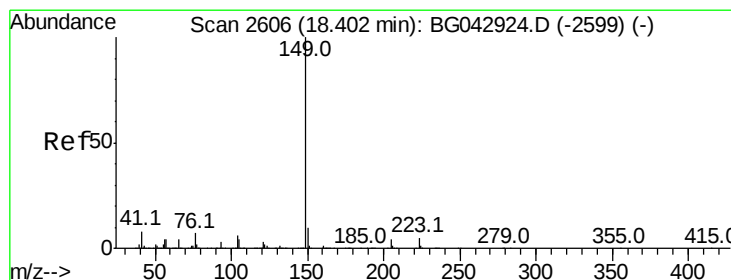
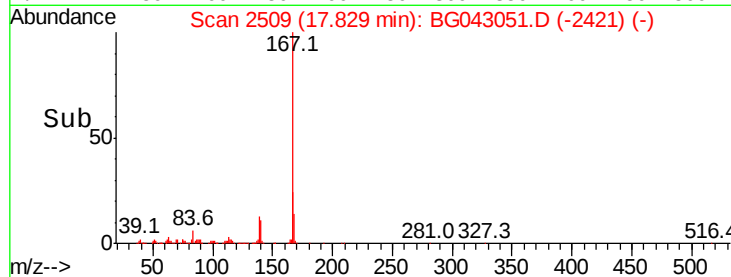
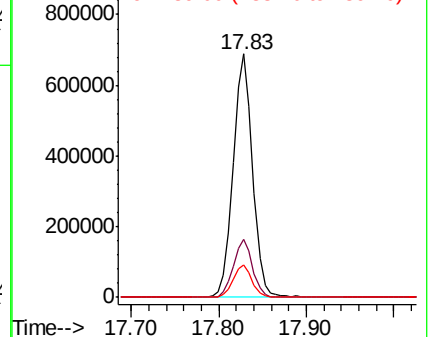
Ion	Ratio	Lower	Upper
167	100		
166	24.1	18.6	28.0
139	13.2	10.8	16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.647 ng

RT: 18.38 min Scan# 2603

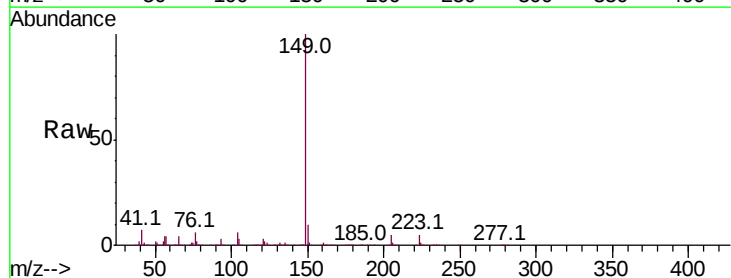
Delta R.T. -0.02 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Tgt Ion:149 Resp: 1196514

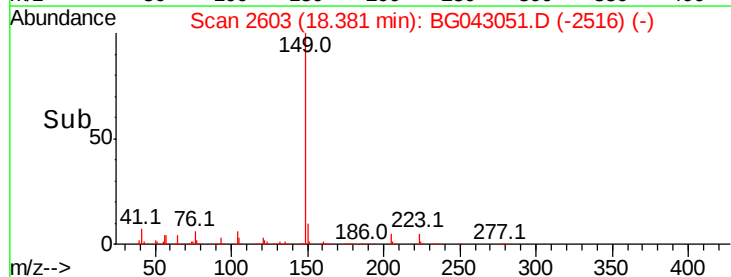
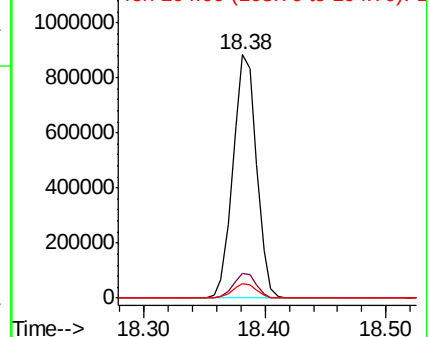
Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.7	11.5
104	6.1	5.0	7.6

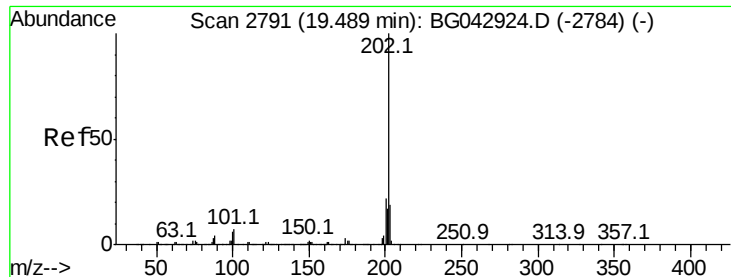


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.182 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

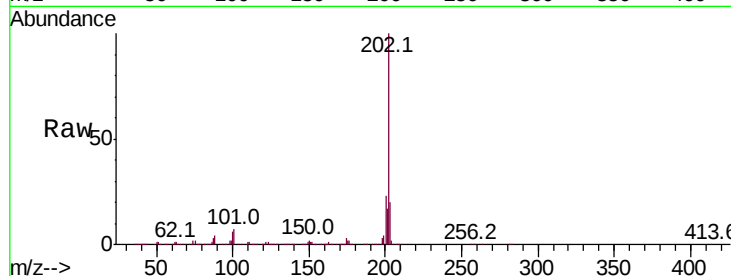
BNA_G

ClientSampleId :

PB123649BS

Tot Ion:202 Resp: 1451206

Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	27.3
203	19.7	0.0	39.5

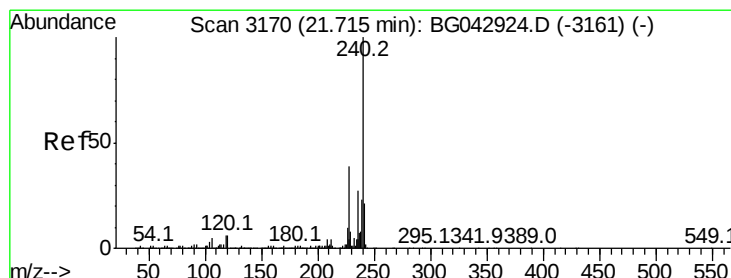
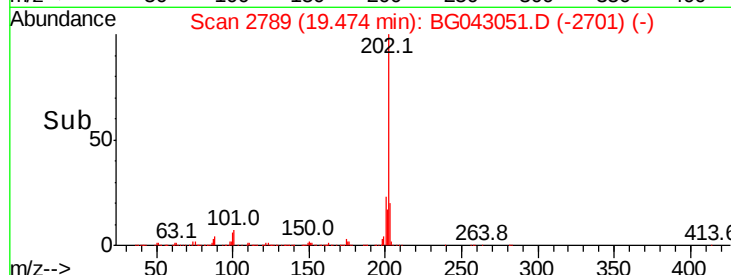
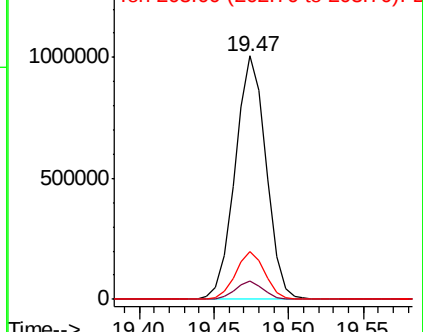


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

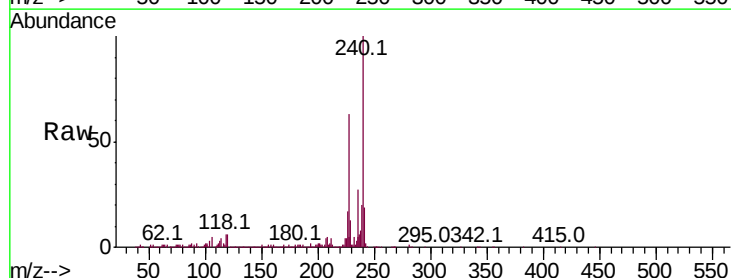
Delta R.T. -0.02 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Tgt Ion:240 Resp: 591005

Ion	Ratio	Lower	Upper
240	100		
120	5.6	4.8	7.2
236	26.5	21.4	32.0

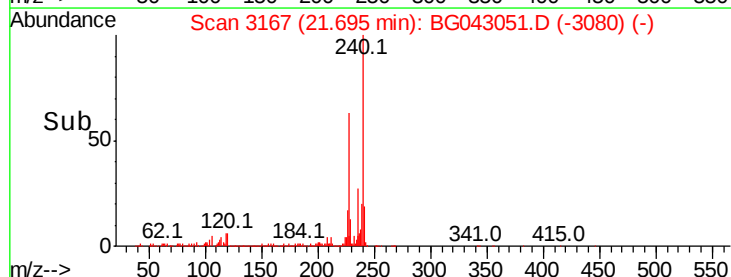
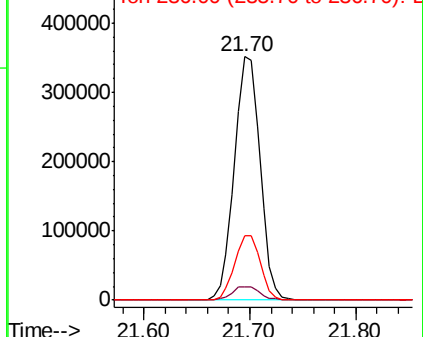


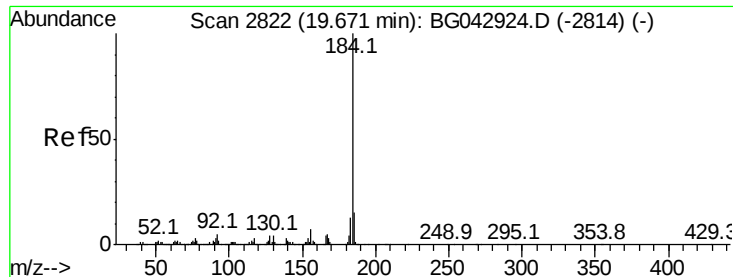
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.582 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

BNA_G

ClientSampleId :

PB123649BS

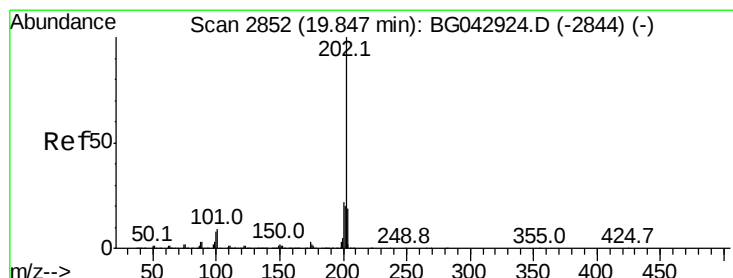
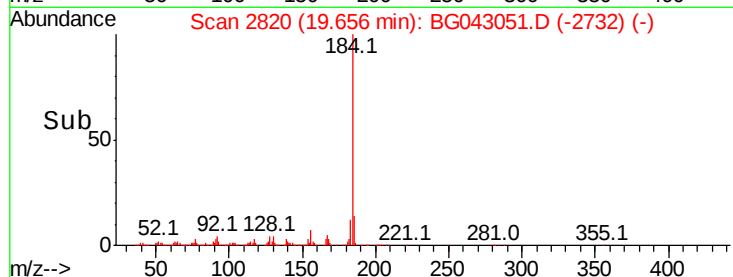
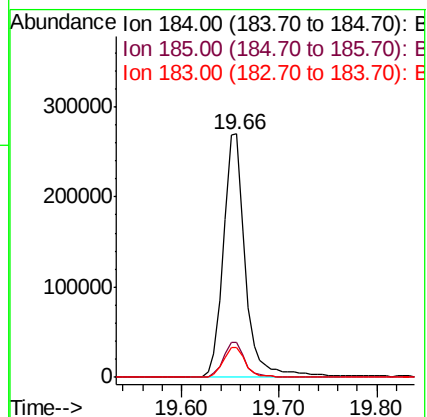
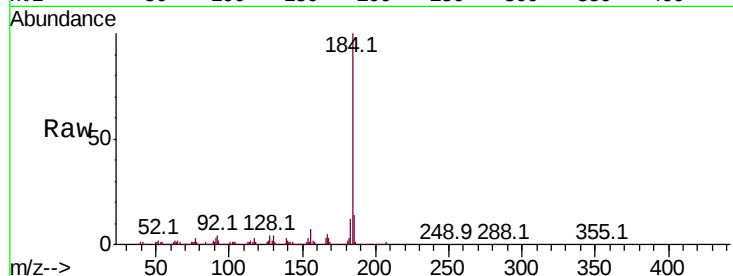
Tot Ion:184 Resp: 422956

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.8	17.8
183	12.1	10.1	15.1

184 100

185 14.4 11.8 17.8

183 12.1 10.1 15.1



#78

Pyrene

Concen: 41.025 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

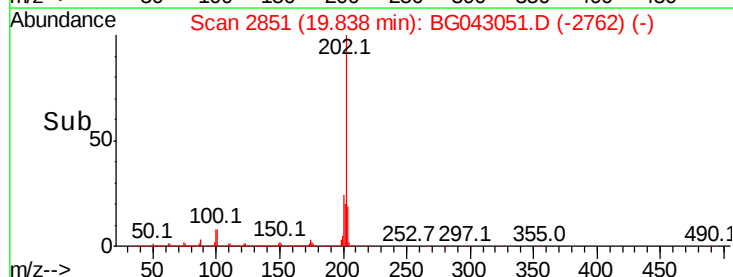
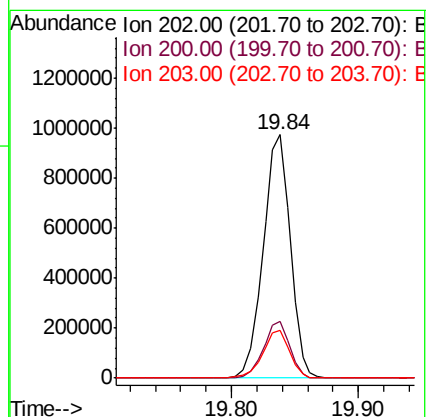
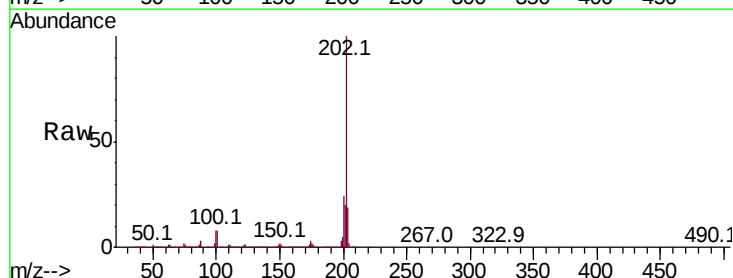
Tgt Ion:202 Resp: 1447153

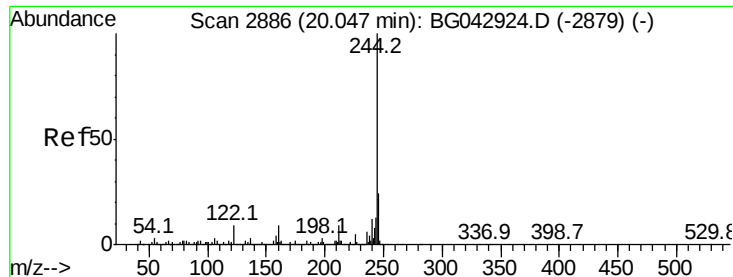
Ion	Ratio	Lower	Upper
202	100		
200	23.5	17.6	26.4
203	19.5	15.2	22.8

202 100

200 23.5 17.6 26.4

203 19.5 15.2 22.8





#79

Terphenyl-d14

Concen: 68.119 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

BNA_G

ClientSampleId :

PB123649BS

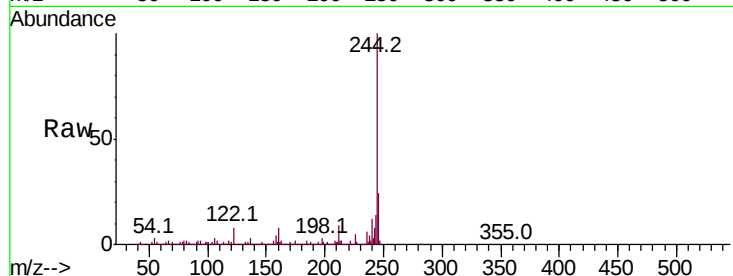
Tot Ion:244 Resp: 1889297

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.4	11.0
122	8.0	7.0	10.4

244 100

212 8.8 7.4 11.0

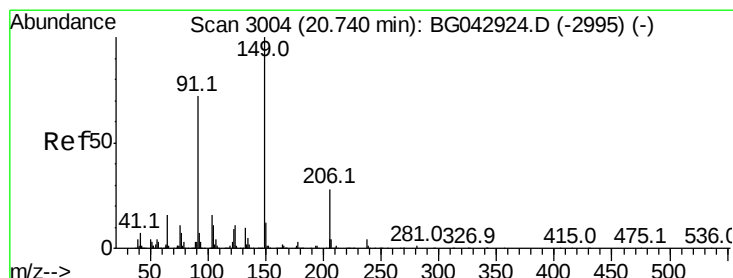
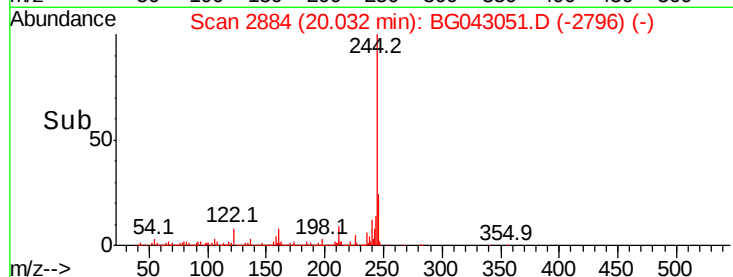
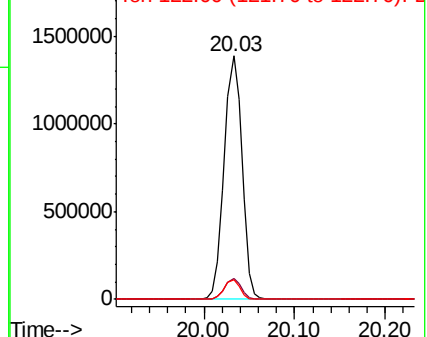
122 8.0 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.401 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.02 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

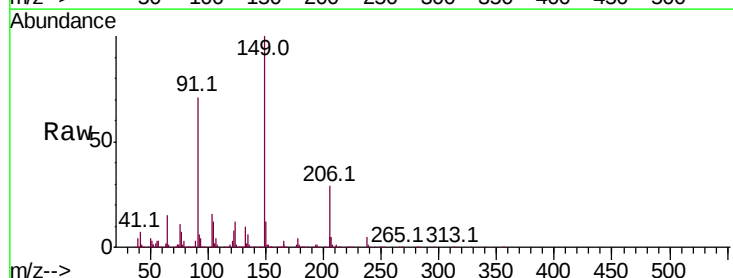
Tgt Ion:149 Resp: 567732

Ion	Ratio	Lower	Upper
149	100		
91	71.3	57.7	86.5
206	28.8	22.6	33.8

149 100

91 71.3 57.7 86.5

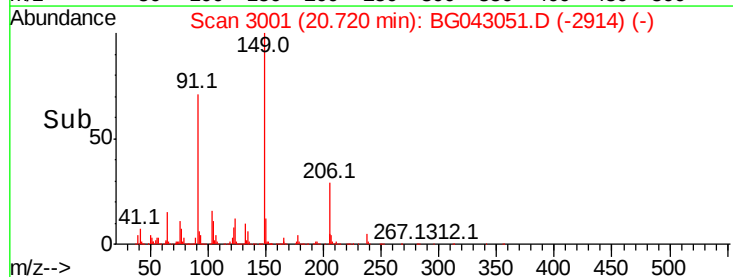
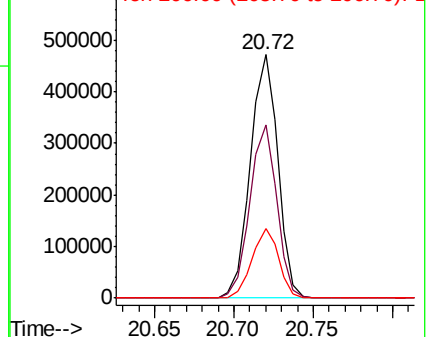
206 28.8 22.6 33.8

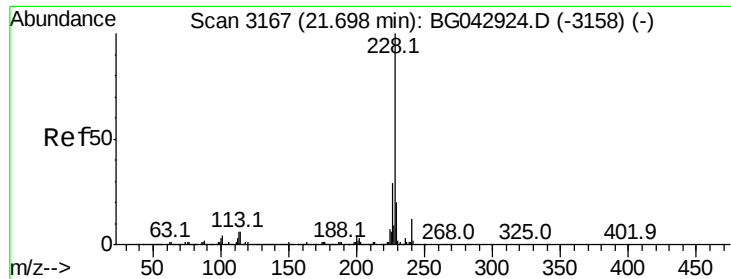


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.536 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.02 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

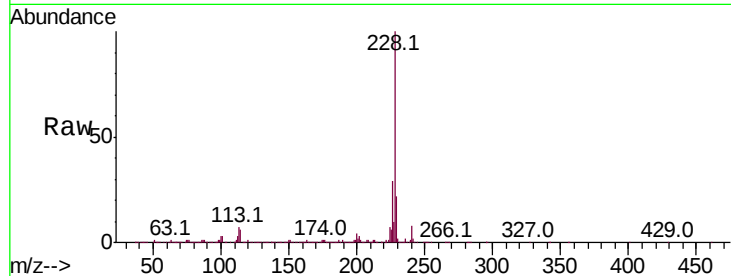
BNA_G

ClientSampleId :

PB123649BS

Tot Ion:228 Resp: 1529562

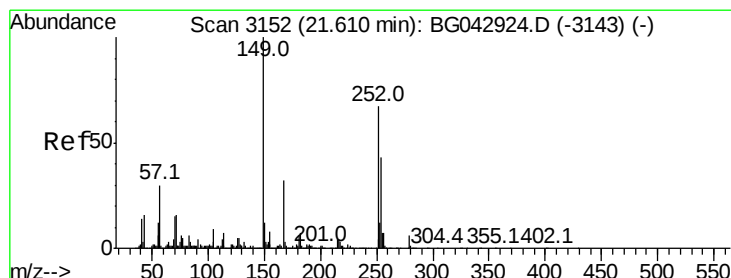
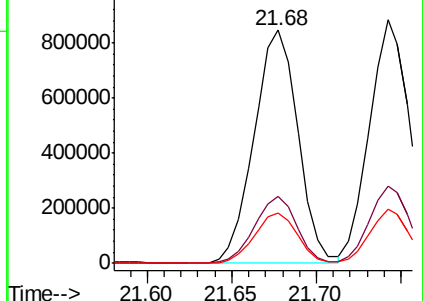
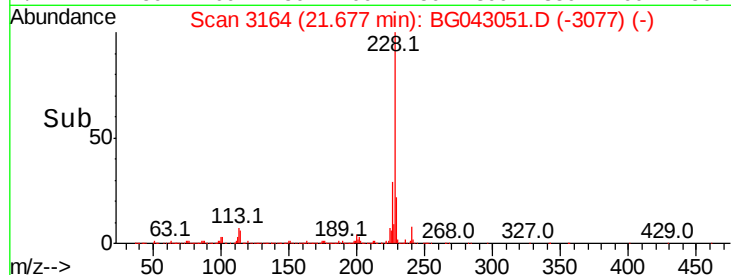
Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.4
229	21.7	16.3	24.5



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: 39.274 ng

RT: 21.59 min Scan# 3149

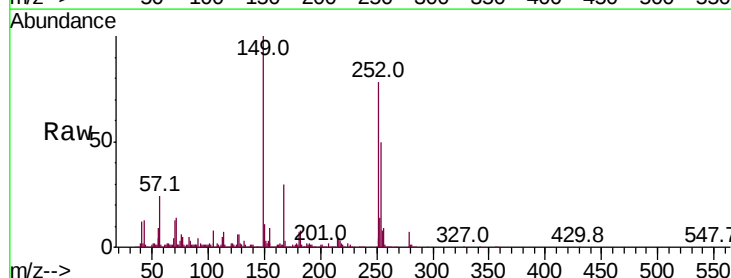
Delta R.T. -0.02 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Tgt Ion:252 Resp: 567249

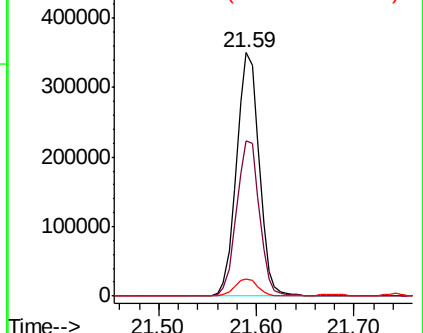
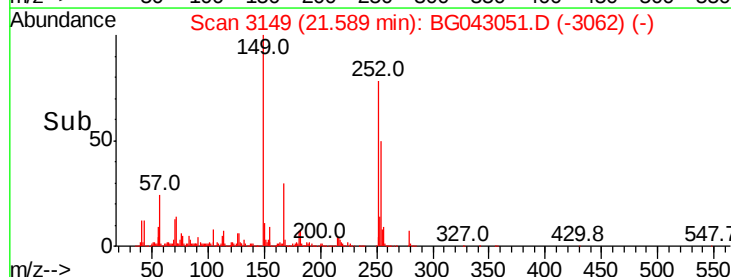
Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.9	77.9
126	7.2	6.1	9.1

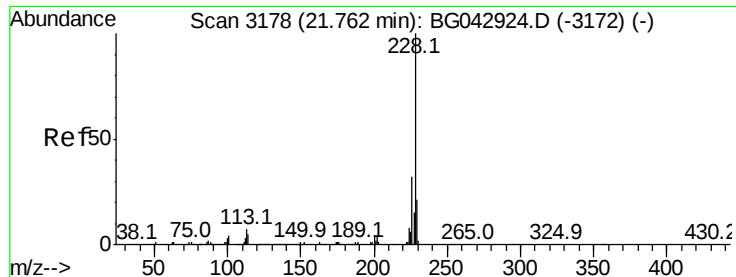


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.867 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.02 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

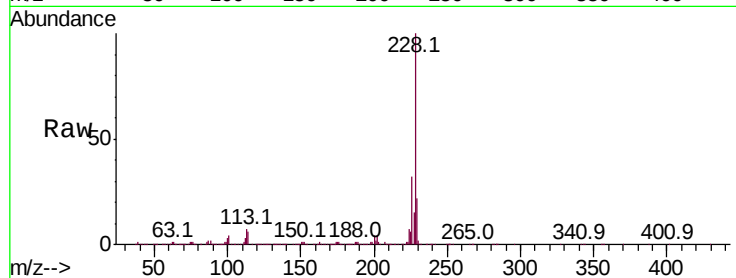
BNA_G

ClientSampleId :

PB123649BS

Tot Ion:228 Resp: 1460423

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.6	38.4
229	22.1	16.9	25.3

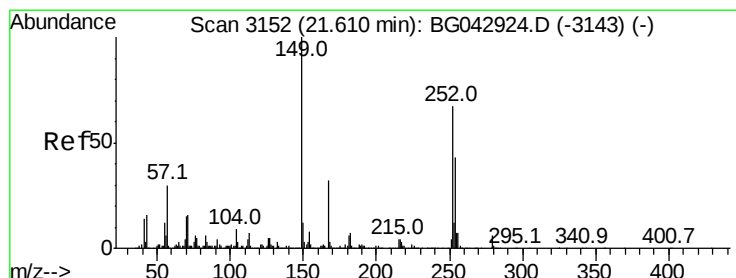
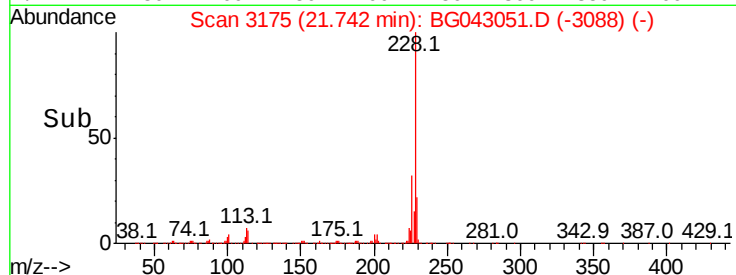
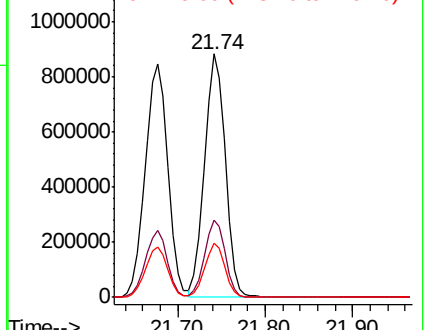


Abundance

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: 43.462 ng

RT: 21.58 min Scan# 3148

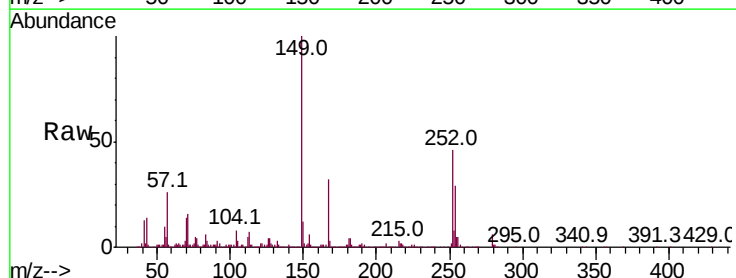
Delta R.T. -0.03 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Tgt Ion:149 Resp: 828051

Ion	Ratio	Lower	Upper
149	100		
167	31.7	25.4	38.2
279	6.3	5.1	7.7

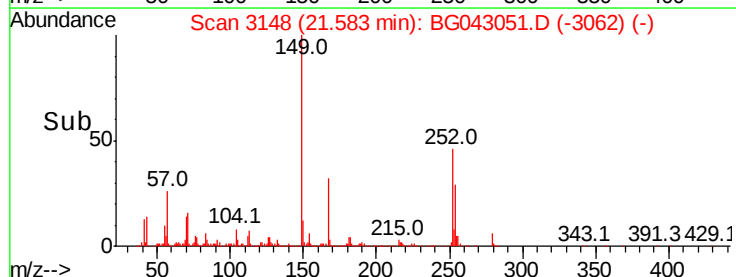
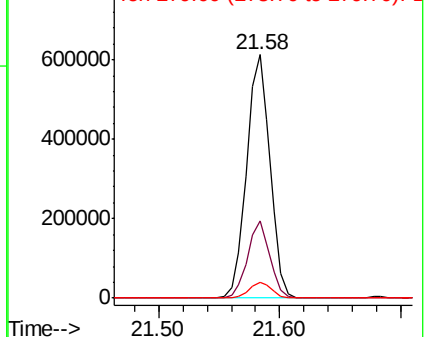


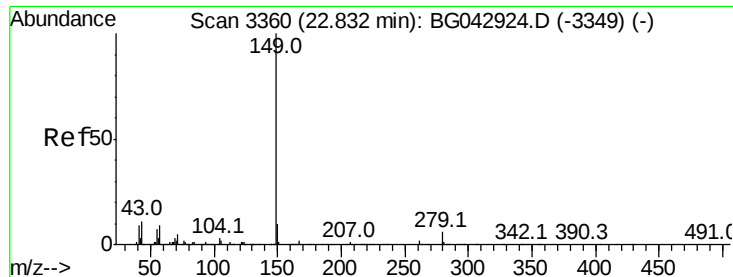
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.934 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.04 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

BNA_G

ClientSampleId :

PB123649BS

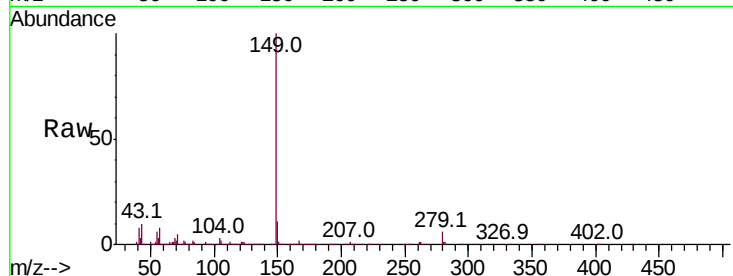
Tot Ion:149 Resp: 1368745

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

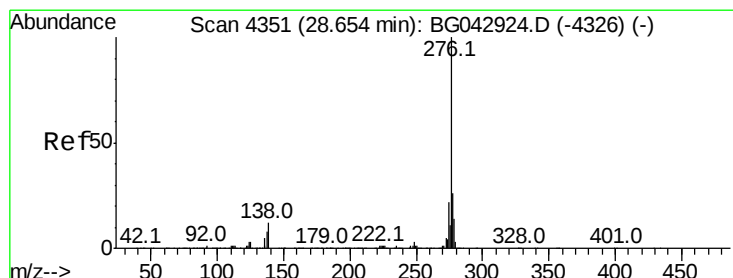
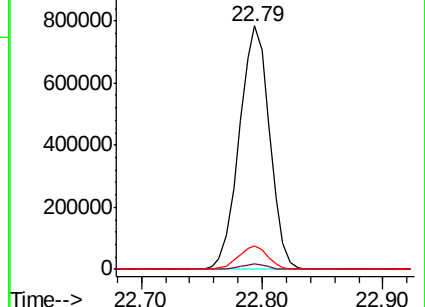
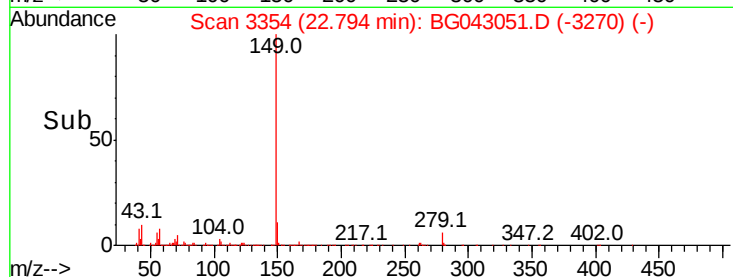
43 9.4 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.347 ng

RT: 28.59 min Scan# 4340

Delta R.T. -0.07 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

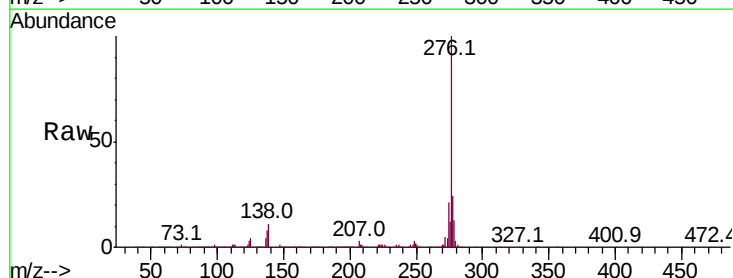
Tgt Ion:276 Resp: 1972913

Ion Ratio Lower Upper

276 100

138 10.4 7.0 10.6

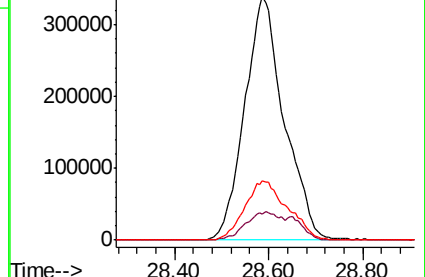
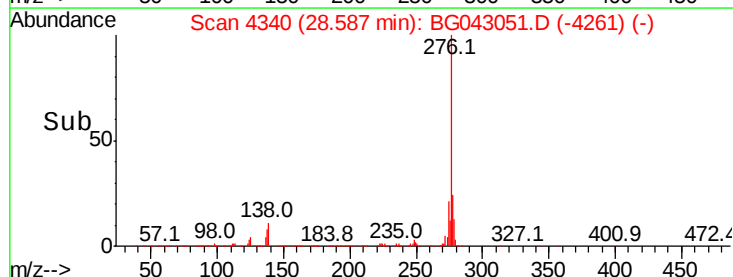
277 26.5 20.9 31.3

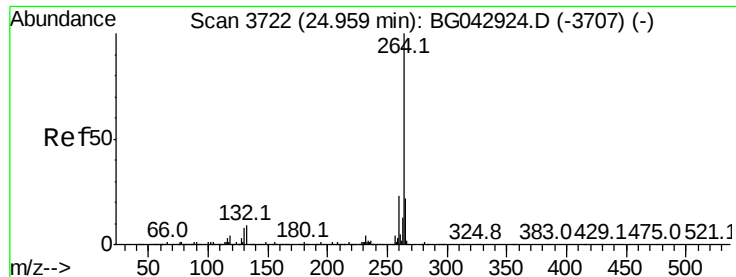


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.91 min Scan# 3715

Delta R.T. -0.04 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

BNA_G

ClientSampleId :

PB123649BS

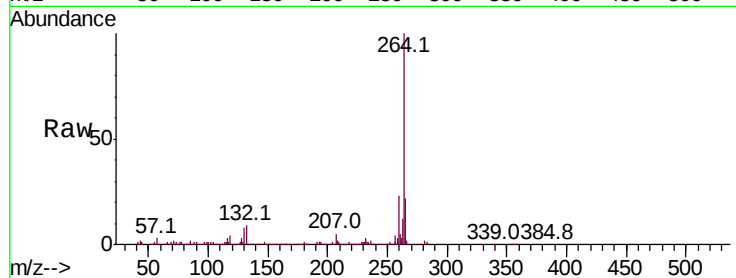
Tot Ion:264 Resp: 586424

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

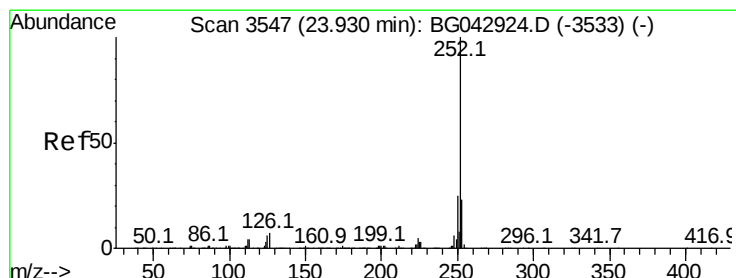
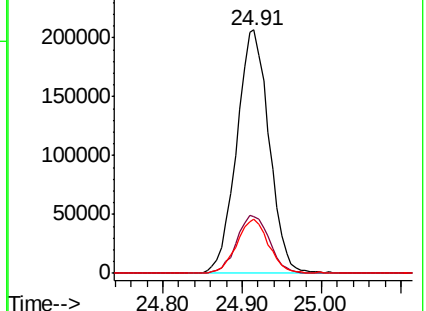
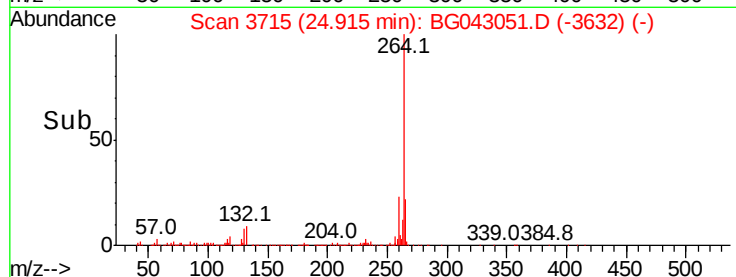
265 22.2 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 49.251 ng

RT: 23.89 min Scan# 3541

Delta R.T. -0.04 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

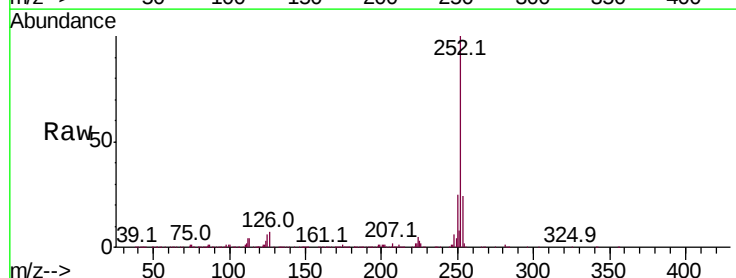
Tgt Ion:252 Resp: 1634202

Ion Ratio Lower Upper

252 100

253 23.7 18.2 27.2

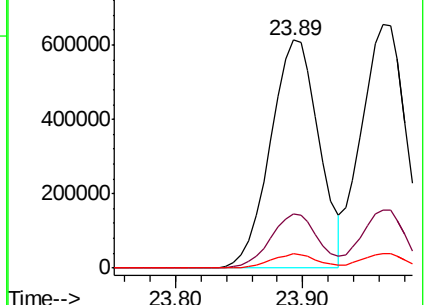
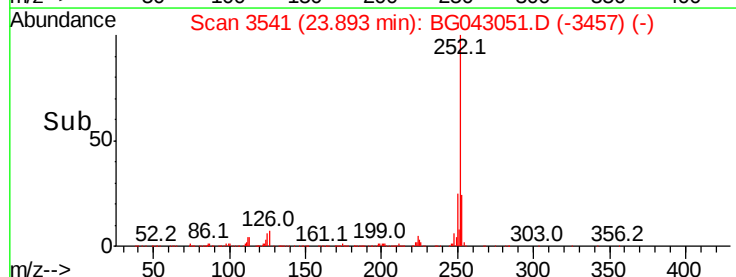
125 6.1 4.6 7.0

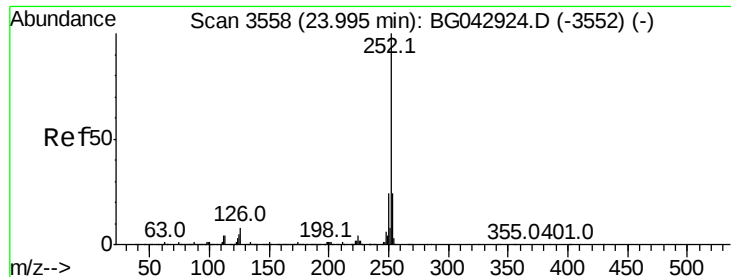


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

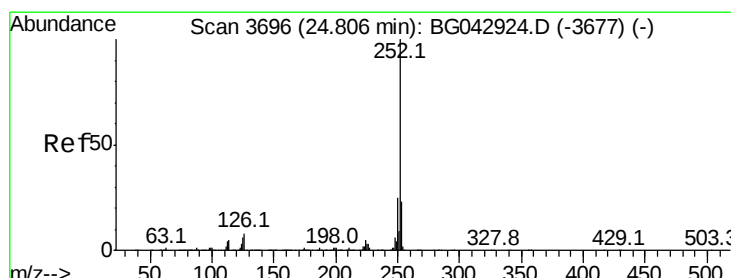
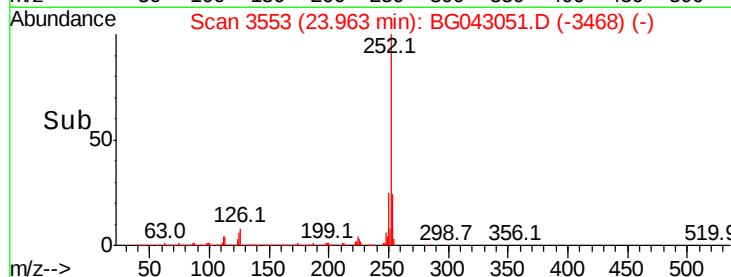
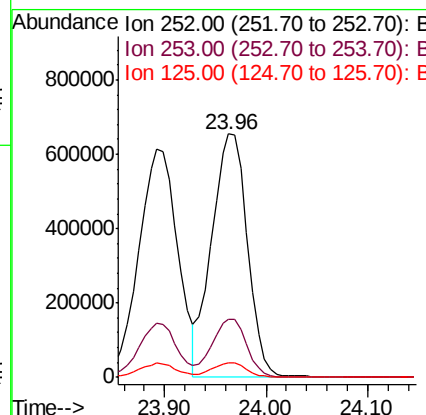
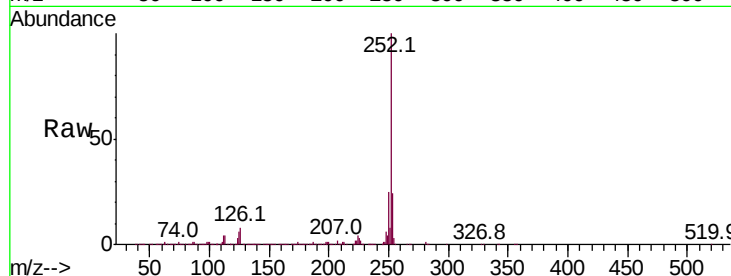




#89
Benzo(k)fluoranthene
Concen: 48.635 ng
RT: 23.96 min Scan# 3553
Delta R.T. -0.03 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

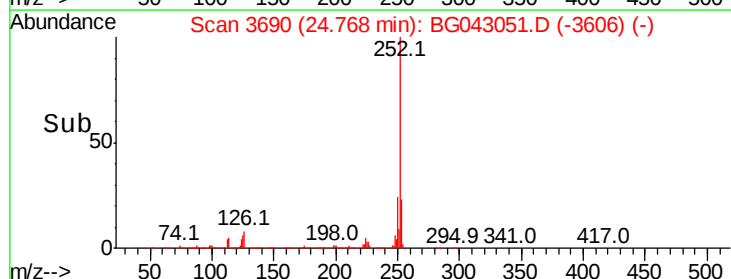
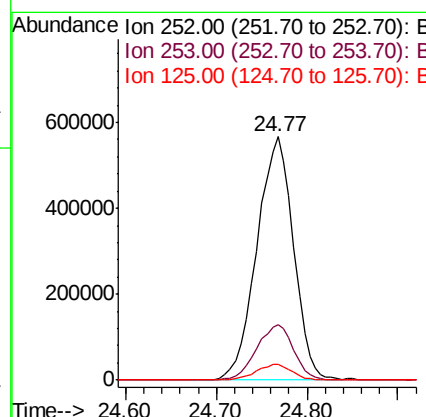
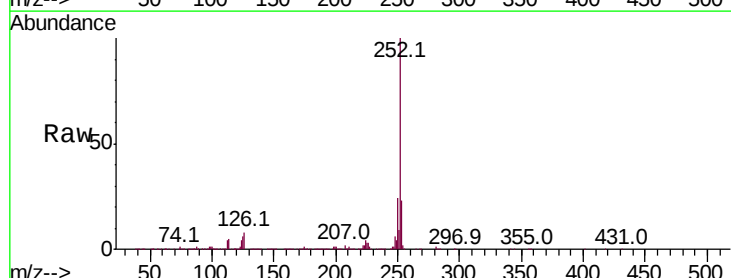
Instrument :
BNA_G
ClientSampleId :
PB123649BS

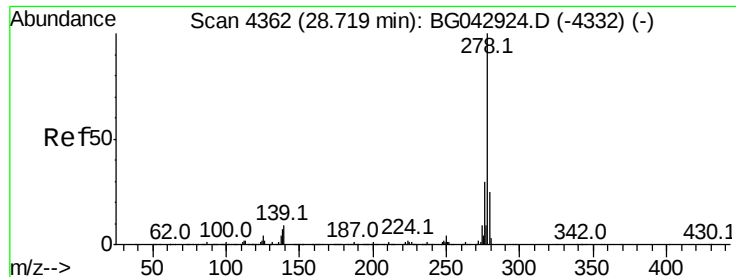
Tot Ion:252 Resp: 1596487
Ion Ratio Lower Upper
252 100
253 24.1 18.9 28.3
125 5.7 4.5 6.7



#90
Benzo(a)pyrene
Concen: 50.531 ng
RT: 24.77 min Scan# 3690
Delta R.T. -0.04 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Tgt Ion:252 Resp: 1581905
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 6.3 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 51.970 ng

RT: 28.65 min Scan# 4351

Delta R.T. -0.07 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

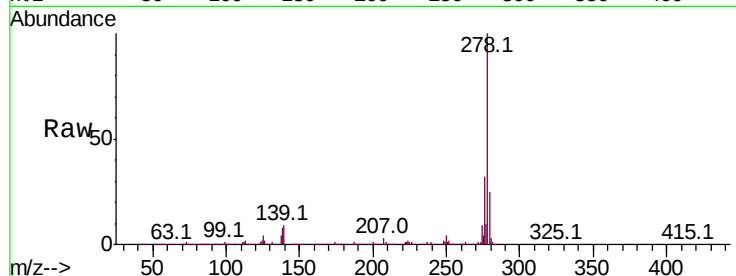
BNA_G

ClientSampleId :

PB123649BS

Tot Ion:278 Resp: 1668304

Ion	Ratio	Lower	Upper
278	100		
139	9.0	6.8	10.2
279	25.4	20.1	30.1

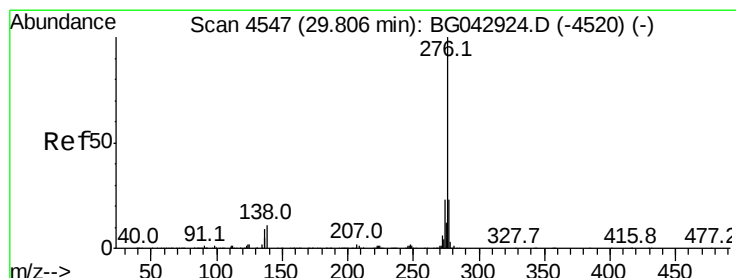
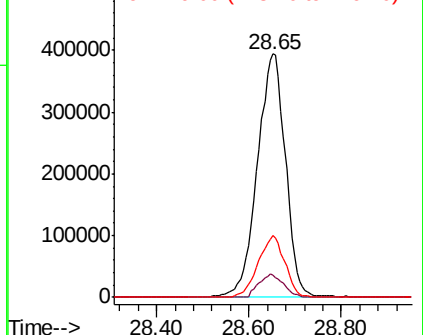
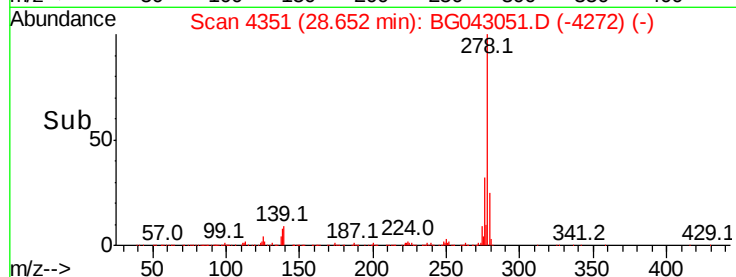


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 52.179 ng

RT: 29.74 min Scan# 4537

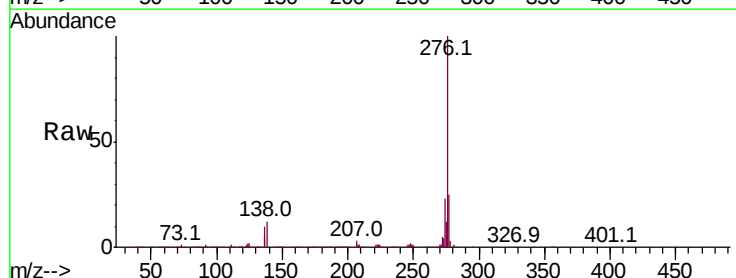
Delta R.T. -0.06 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Tgt Ion:276 Resp: 1622942

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.4	27.6
138	12.1	8.6	12.8



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

