

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121119\
 Data File : BG043799.D
 Acq On : 11 Dec 2019 17:31
 Operator : JU
 Sample : PB125381BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125381BS

Quant Time: Dec 12 02:20:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 18:16:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	168319	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	822579	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	611875	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	1322574	20.00	ng	0.00
76) Chrysene-d12	21.63	240	1181083	20.00	ng	0.00
87) Perylene-d12	24.78	264	1144814	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	1384437	155.84	ng	0.00
7) Phenol-d6	7.16	99	1909088	149.01	ng	0.00
23) Nitrobenzene-d5	9.16	82	979310	66.85	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	781818	134.03	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	2168899	62.26	ng	0.00
79) Terphenyl-d14	19.99	244	3039764	61.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	139618	33.939	ng	99
3) Pyridine	3.87	79	353133	31.064	ng	99
4) n-Nitrosodimethylamine	3.79	42	244134	44.791	ng	98
6) Aniline	7.32	93	708401	41.788	ng	99
8) 2-Chlorophenol	7.57	128	569131	54.975	ng	95
9) Benzaldehyde	7.13	77	197149	24.619	ng	92
10) Phenol	7.19	94	736009	55.644	ng	100
11) bis(2-Chloroethyl)ether	7.42	93	541246	48.224	ng	98
12) 1,3-Dichlorobenzene	7.89	146	524181	42.251	ng	99
13) 1,4-Dichlorobenzene	8.03	146	532476	42.938	ng	98
14) 1,2-Dichlorobenzene	8.36	146	523152	43.785	ng	99
15) Benzyl Alcohol	8.23	79	540373	53.000	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	812763	45.184	ng	99
17) 2-Methylphenol	8.44	107	530410	56.176	ng	99
18) Hexachloroethane	9.09	117	196669	43.644	ng	99
19) n-Nitroso-di-n-propylamine	8.81	70	467511	47.731	ng	99
20) 3+4-Methylphenols	8.77	107	735448	55.939	ng	98
22) Acetophenone	8.82	105	822412	40.089	ng	98
24) Nitrobenzene	9.20	77	637065	42.691	ng	98
25) Isophorone	9.73	82	1269095	43.374	ng	99
26) 2-Nitrophenol	9.91	139	285569	48.779	ng	98
27) 2,4-Dimethylphenol	9.97	122	589994	57.063	ng	100
28) bis(2-Chloroethoxy)methane	10.21	93	776944	41.484	ng	98
29) 2,4-Dichlorophenol	10.45	162	624196	49.161	ng	99
30) 1,2,4-Trichlorobenzene	10.67	180	599580	39.892	ng	98
31) Naphthalene	10.85	128	1641528	41.589	ng	98
32) Benzoic acid	10.13	122	385559	51.657	ng	98
33) 4-Chloroaniline	10.95	127	578828	30.247	ng	99
34) Hexachlorobutadiene	11.15	225	348295	38.245	ng	98
35) Caprolactam	11.73	113	123369	24.758	ng	96
36) 4-Chloro-3-methylphenol	12.08	107	668608	48.914	ng	99
37) 2-Methylnaphthalene	12.46	142	1310615	42.841	ng	98
38) 1-Methylnaphthalene	12.68	142	1254152	43.112	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	695875	37.847	ng	99

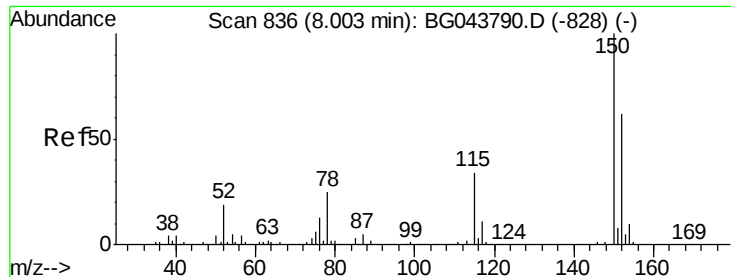
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121119\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	675405	78.263	ng	99
43) 2,4,6-Trichlorophenol	13.06	196	533246	45.630	ng	100
44) 2,4,5-Trichlorophenol	13.13	196	580848	47.442	ng	99
46) 1,1'-Biphenyl	13.46	154	1647147	39.047	ng	97
47) 2-Chloronaphthalene	13.50	162	1325083	38.424	ng	96
48) 2-Nitroaniline	13.70	65	456406	44.876	ng	96
49) Acenaphthylene	14.35	152	2080688	40.503	ng	94
50) Dimethylphthalate	14.09	163	1764121	40.394	ng	97
51) 2,6-Dinitrotoluene	14.20	165	436004	46.327	ng	98
52) Acenaphthene	14.70	154	1494531	44.224	ng	98
53) 3-Nitroaniline	14.52	138	381910	35.460	ng	97
54) 2,4-Dinitrophenol	14.73	184	373292	91.435	ng	91
55) Dibenzofuran	15.03	168	2007061	40.121	ng	95
56) 4-Nitrophenol	14.83	139	786645	100.116	ng	99
57) 2,4-Dinitrotoluene	14.99	165	602179	47.352	ng	96
58) Fluorene	15.68	166	1638604	40.638	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	516982	47.062	ng	97
60) Diethylphthalate	15.46	149	1786186	40.946	ng	97
61) 4-Chlorophenyl-phenylether	15.67	204	915466	40.540	ng	97
62) 4-Nitroaniline	15.69	138	461650	41.369	ng	99
63) Azobenzene	15.97	77	1654406	41.282	ng	94
65) 4,6-Dinitro-2-methylphenol	15.75	198	276833	53.015	ng	98
66) n-Nitrosodiphenylamine	15.88	169	1568109	42.659	ng	96
67) 4-Bromophenyl-phenylether	16.57	248	594860	42.069	ng	97
68) Hexachlorobenzene	16.68	284	618747	41.258	ng	96
69) Atrazine	16.84	200	618104	52.745	ng	99
70) Pentachlorophenol	17.02	266	822640	103.120	ng	97
71) Phenanthrene	17.42	178	2528862	40.390	ng	92
72) Anthracene	17.51	178	2568617	41.444	ng	# 90
73) Carbazole	17.77	167	2428100	41.910	ng	# 92
74) Di-n-butylphthalate	18.35	149	2678946	40.335	ng	# 91
75) Fluoranthene	19.42	202	2908834	40.593	ng	88
77) Benzidine	19.59	184	928846	36.048	ng	98
78) Pyrene	19.78	202	2920383	37.836	ng	# 87
80) Butylbenzylphthalate	20.68	149	1393228	43.340	ng	97
81) Benzo(a)anthracene	21.61	228	2923525	39.219	ng	90
82) 3,3'-Dichlorobenzidine	21.52	252	1163329	42.246	ng	97
83) Chrysene	21.61	228	2923525	41.165	ng	95
84) Bis(2-ethylhexyl)phthalate	21.54	149	1896548	41.132	ng	# 94
85) Di-n-octyl phthalate	22.74	149	3235023	42.916	ng	96
86) Indeno(1,2,3-cd)pyrene	28.38	276	3867005	42.541	ng	98
88) Benzo(b)fluoranthene	23.79	252	3162848	47.985	ng	96
89) Benzo(k)fluoranthene	23.86	252	3044082	47.808	ng	94
90) Benzo(a)pyrene	24.64	252	2957485	47.082	ng	97
91) Dibenzo(a,h)anthracene	28.45	278	3165859	50.458	ng	97
92) Benzo(g,h,i)perylene	29.50	276	3203110	51.734	ng	97

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

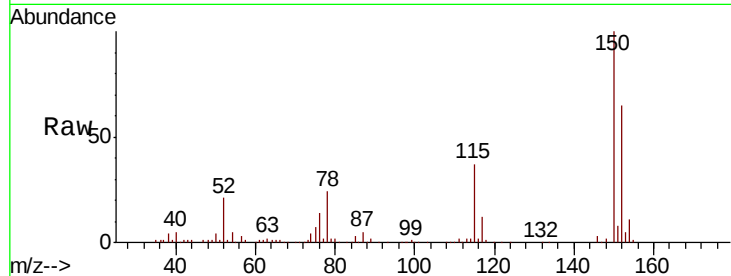


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Instrument :
BNA_G
ClientSampleId :
PB125381BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	128.6	192.8
115	56.3	44.3	66.5

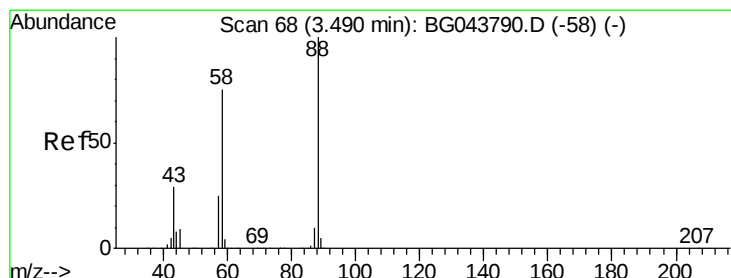
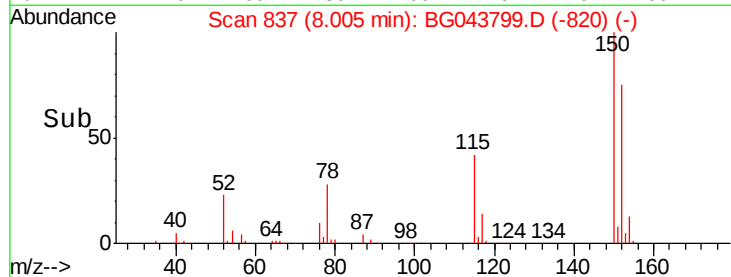
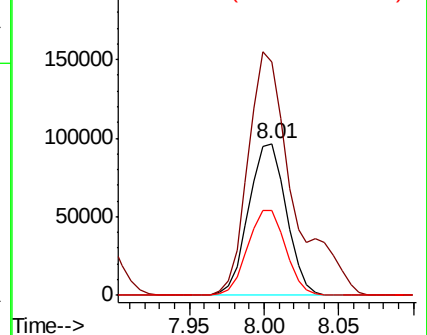


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

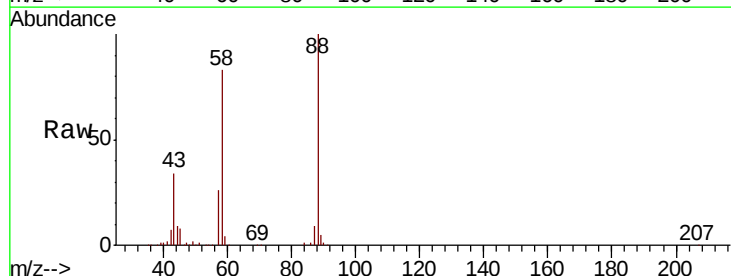
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.939 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.7	62.2	93.4
43	28.3	24.3	36.5

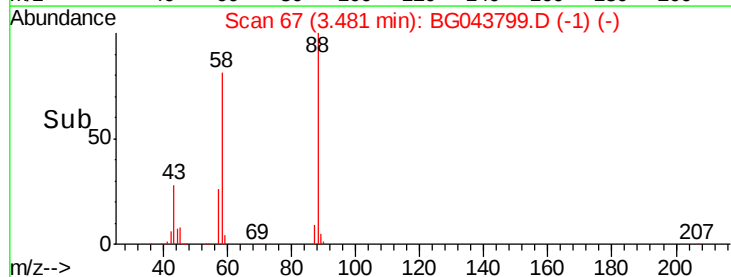
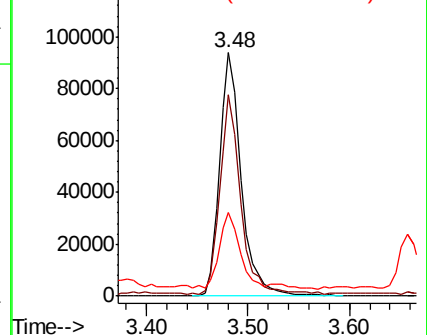


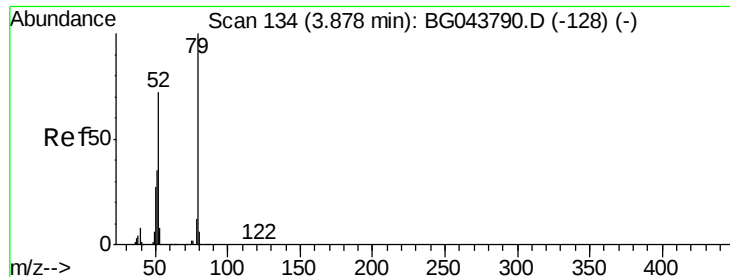
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.064 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

ClientSampled :

PB125381BS

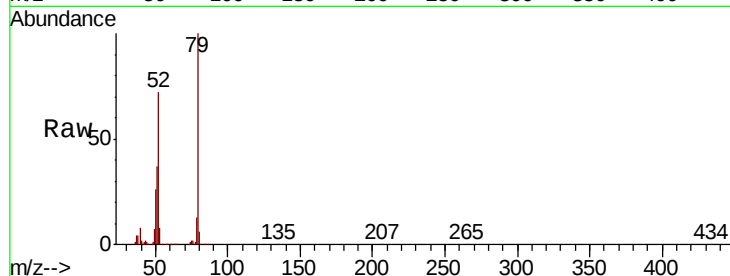
Tot Ion: 79 Resp: 353133

Ion Ratio Lower Upper

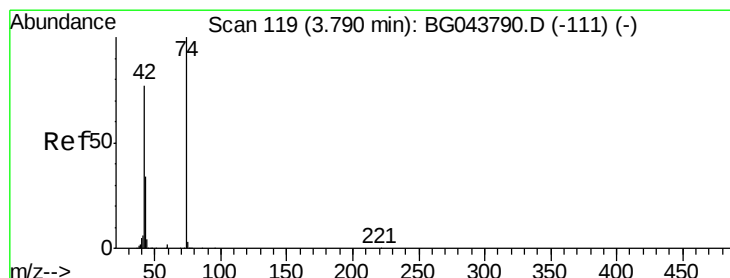
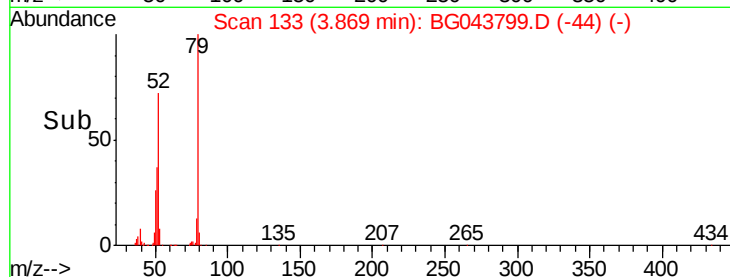
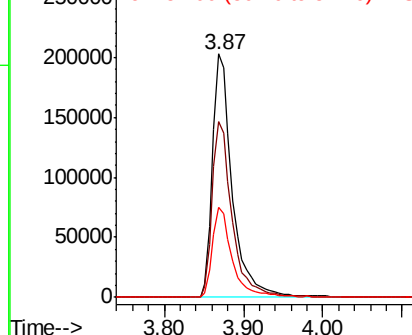
79 100

52 72.4 57.6 86.4

51 36.9 27.8 41.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 44.791 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

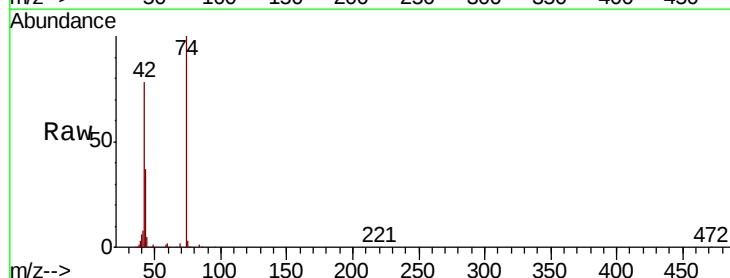
Tgt Ion: 42 Resp: 244134

Ion Ratio Lower Upper

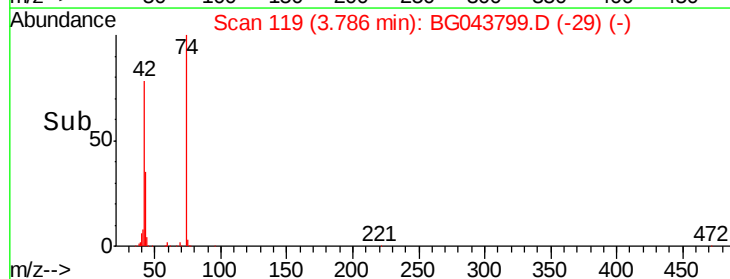
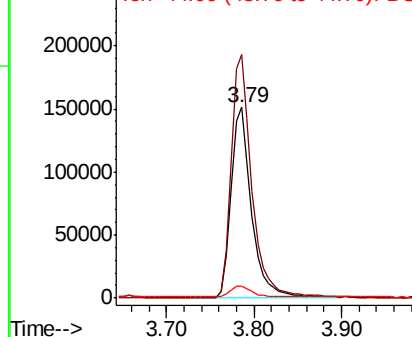
42 100

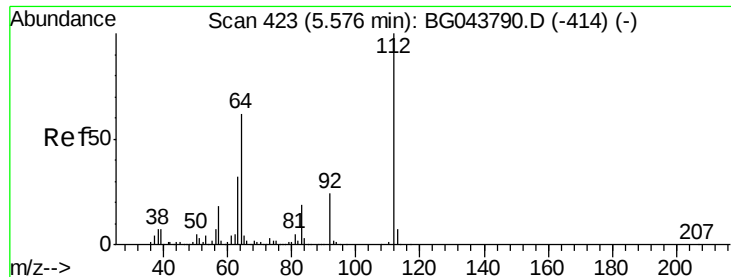
74 127.7 104.2 156.4

44 6.3 5.6 8.4



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 155.843 ng

RT: 5.58 min Scan# 424

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

ClientSampled :

PB125381BS

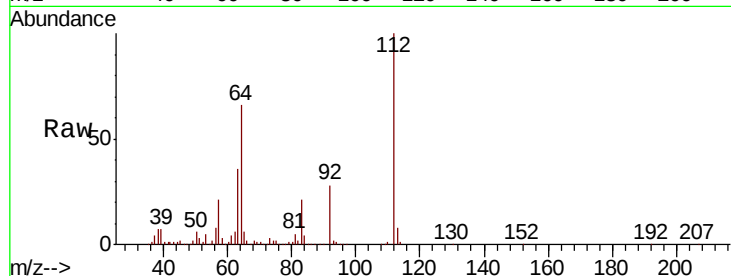
Tot Ion:112 Resp: 1384437

Ion Ratio Lower Upper

112 100

64 65.9 49.9 74.9

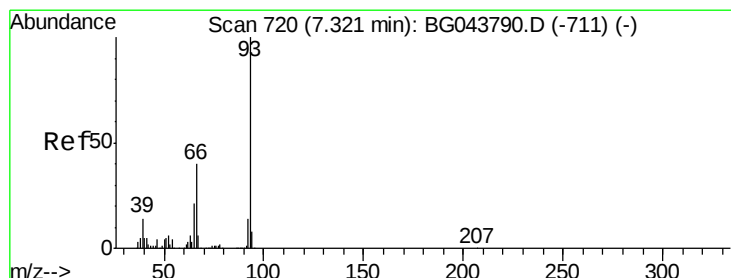
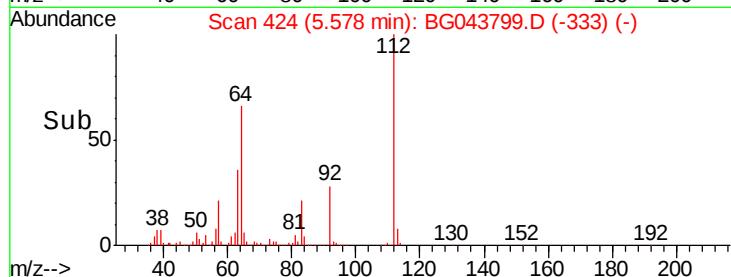
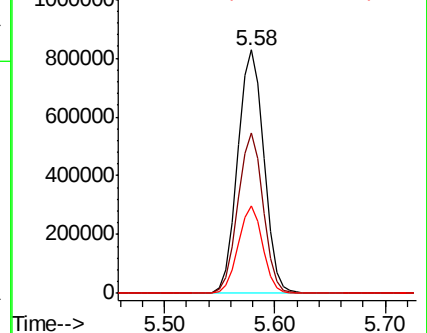
63 35.7 26.0 39.0



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: 41.788 ng

RT: 7.32 min Scan# 721

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

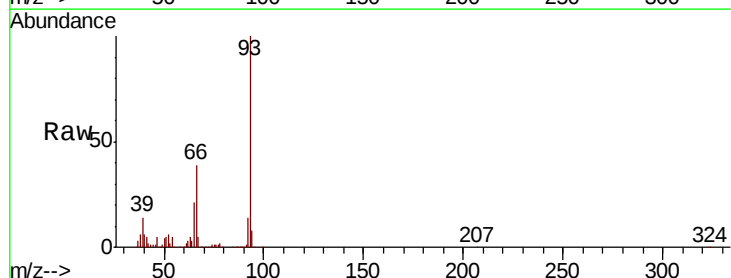
Tgt Ion: 93 Resp: 708401

Ion Ratio Lower Upper

93 100

66 38.7 31.9 47.9

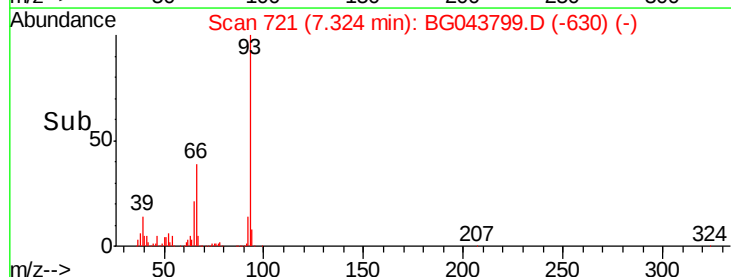
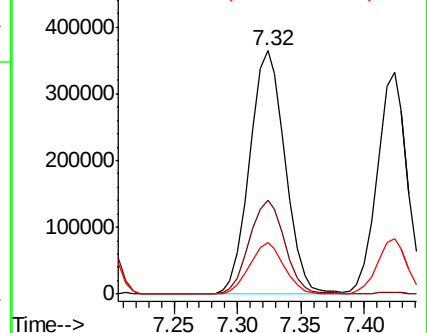
65 21.1 16.8 25.2

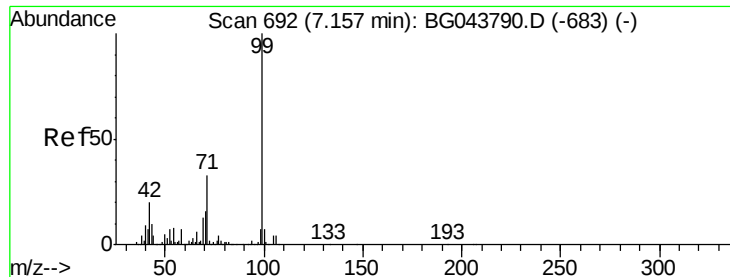


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 149.011 ng

RT: 7.16 min Scan# 694

Delta R.T. 0.01 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

ClientSampleId :

PB125381BS

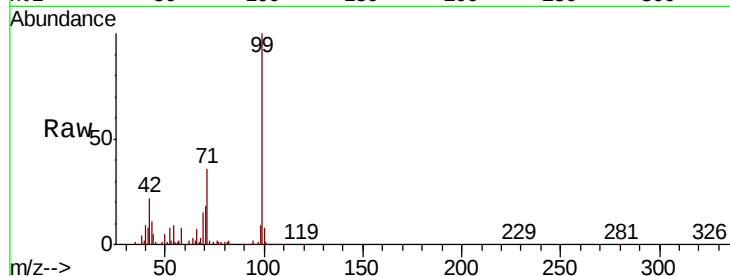
Tot Ion: 99 Resp: 1909088

Ion Ratio Lower Upper

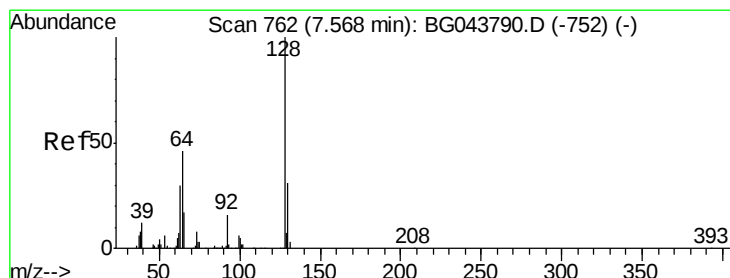
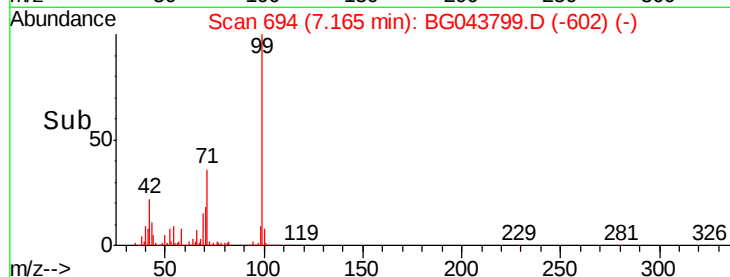
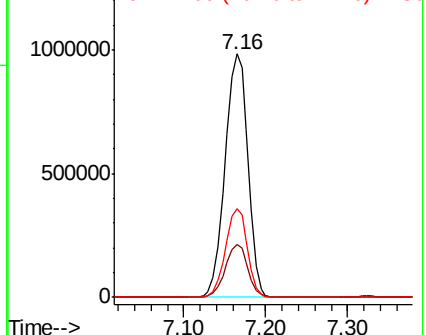
99 100

42 21.8 16.2 24.2

71 36.2 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 54.975 ng

RT: 7.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

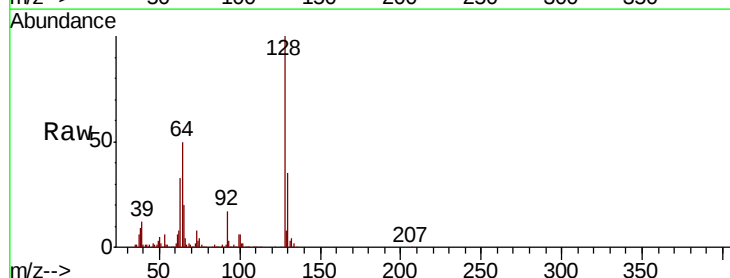
Tgt Ion: 128 Resp: 569131

Ion Ratio Lower Upper

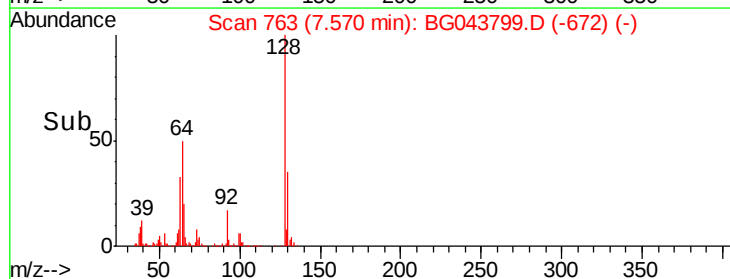
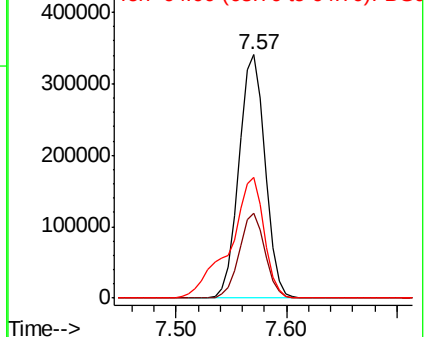
128 100

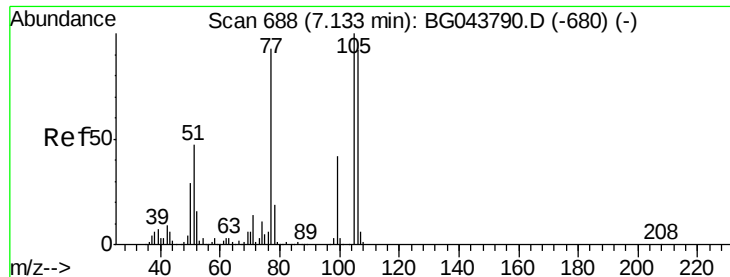
130 34.6 11.1 51.1

64 49.7 26.5 66.5



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 24.619 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

ClientSampleId :

PB125381BS

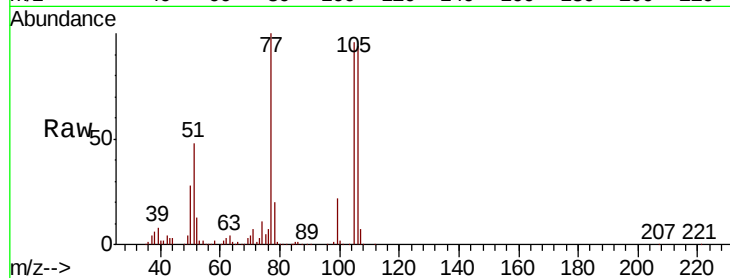
Tot Ion: 77 Resp: 197149

Ion Ratio Lower Upper

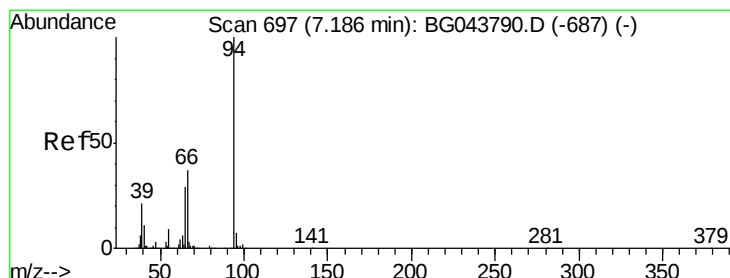
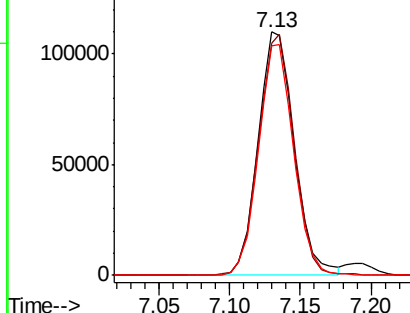
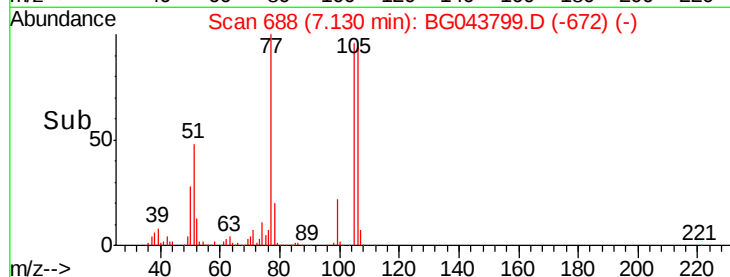
77 100

105 95.5 87.1 127.1

106 94.0 78.2 118.2



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: 55.644 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.01 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

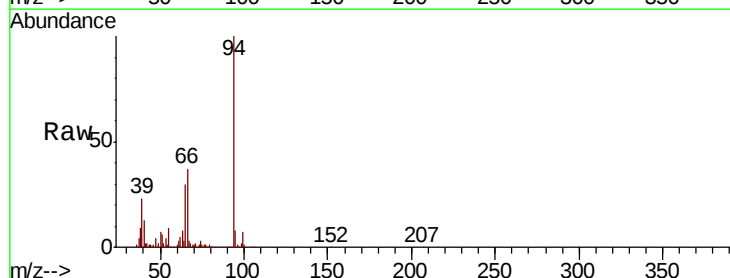
Tgt Ion: 94 Resp: 736009

Ion Ratio Lower Upper

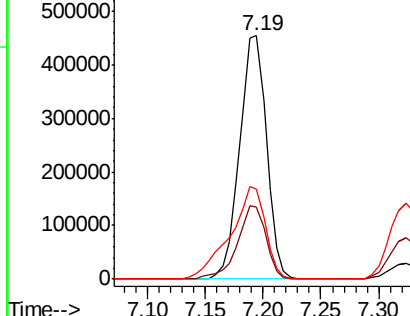
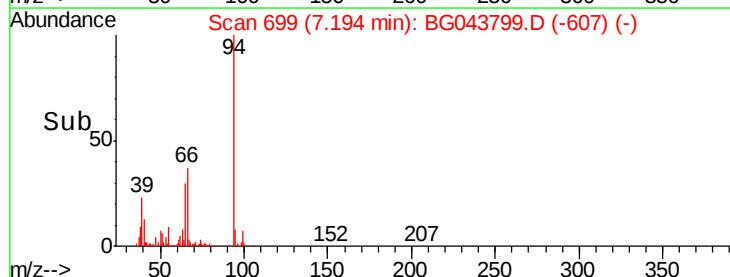
94 100

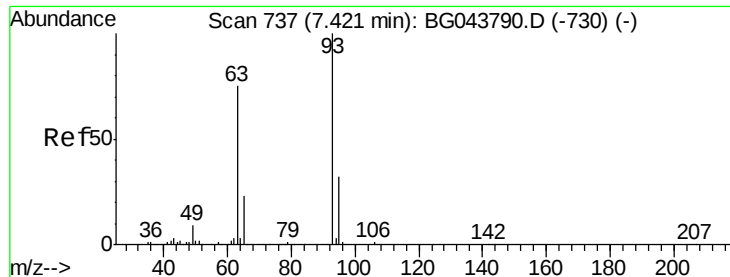
65 29.7 9.5 49.5

66 36.7 16.8 56.8



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

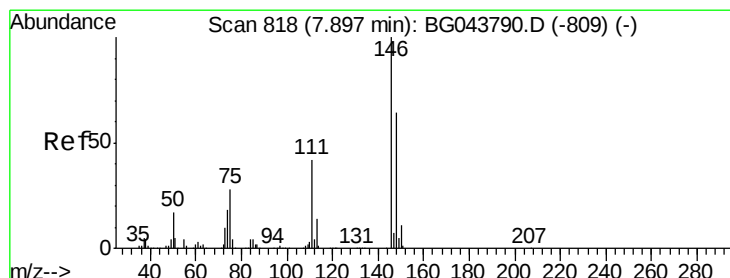
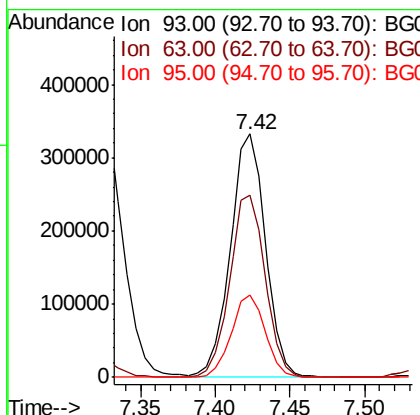
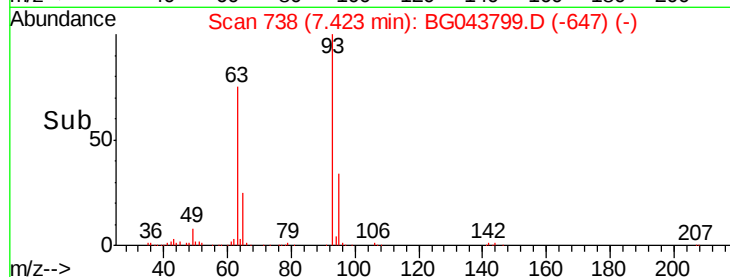
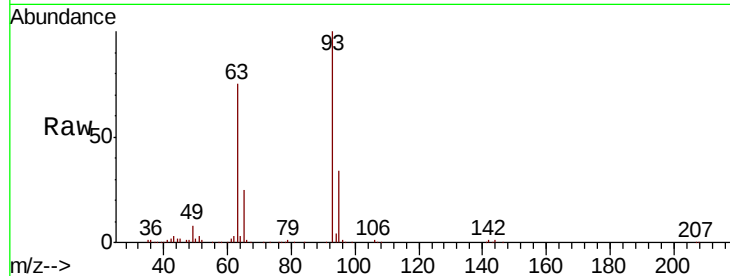




#11
bis(2-Chloroethyl)ether
Concen: 48.224 ng
RT: 7.42 min Scan# 738
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

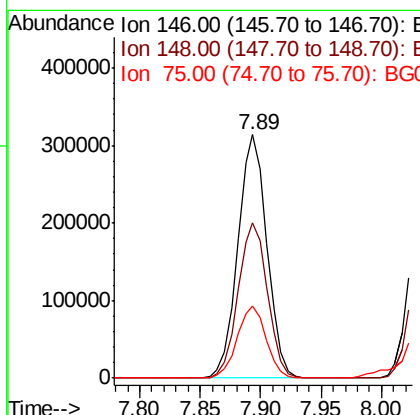
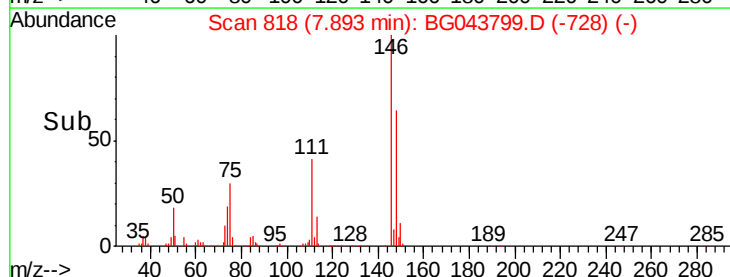
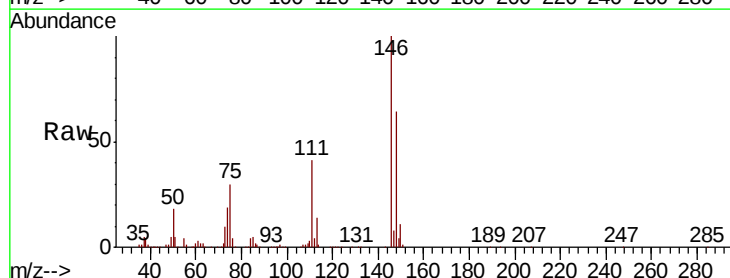
Instrument :
BNA_G
ClientSampleId :
PB125381BS

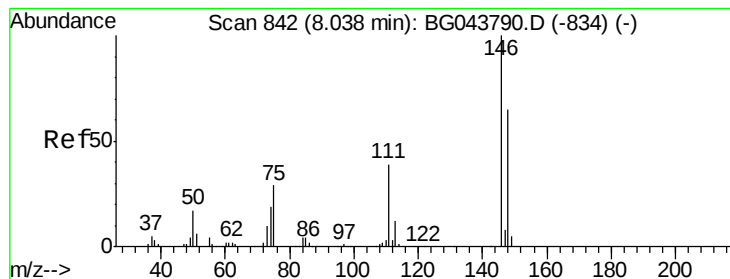
Tot Ion: 93 Resp: 541246
Ion Ratio Lower Upper
93 100
63 75.1 54.7 94.7
95 33.7 11.3 51.3



#12
1,3-Dichlorobenzene
Concen: 42.251 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion: 146 Resp: 524181
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.2
75 29.7 22.4 33.6





#13

1,4-Dichlorobenzene

Concen: 42.938 ng

RT: 8.03 min Scan# 842

Delta R.T. -0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

ClientSampleId :

PB125381BS

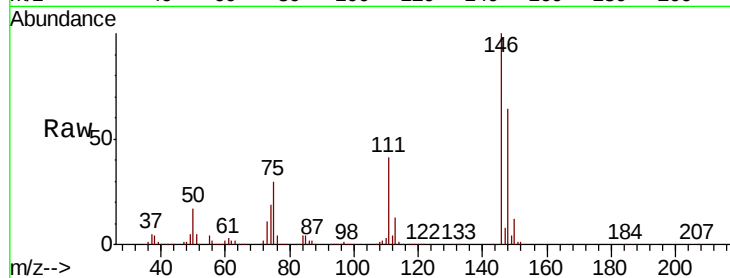
Tot Ion:146 Resp: 532476

Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.8

111 41.0 31.4 47.2

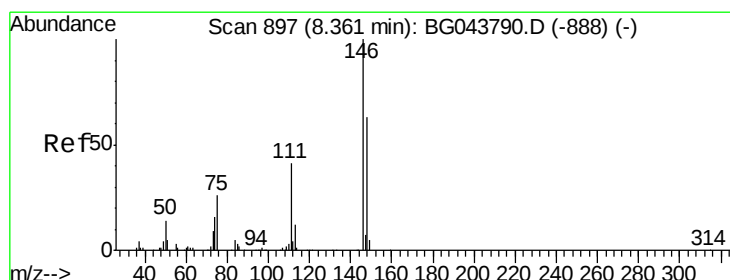
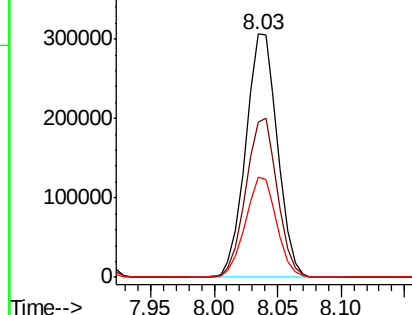
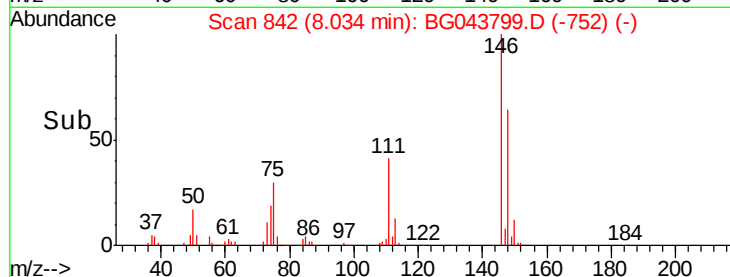


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.785 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

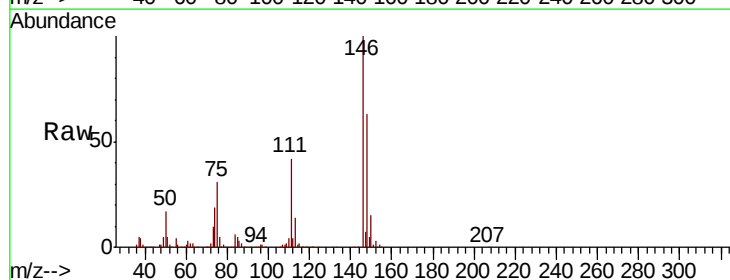
Tgt Ion:146 Resp: 523152

Ion Ratio Lower Upper

146 100

148 63.1 50.2 75.2

111 42.3 33.4 50.2

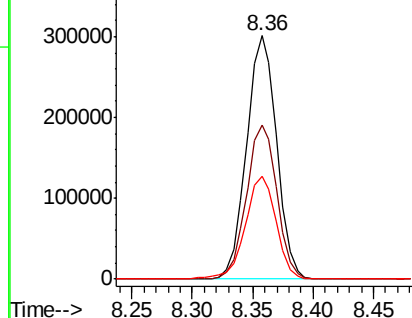
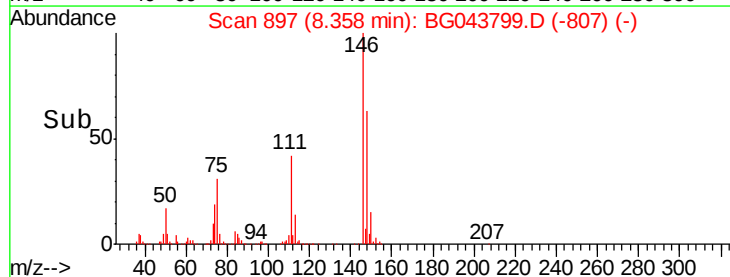


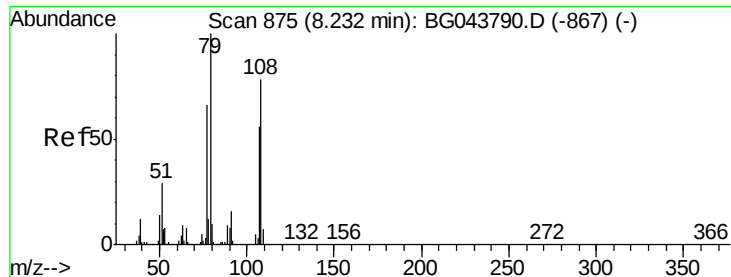
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

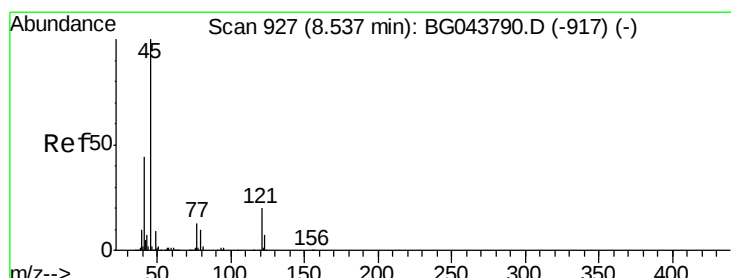
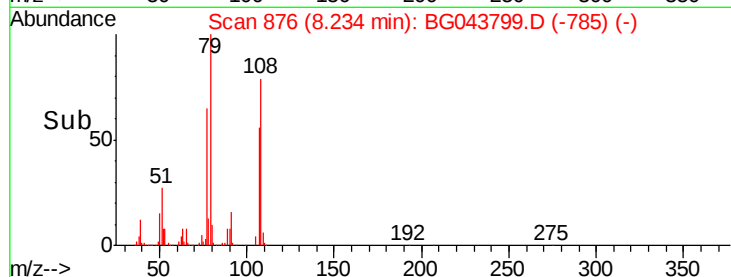
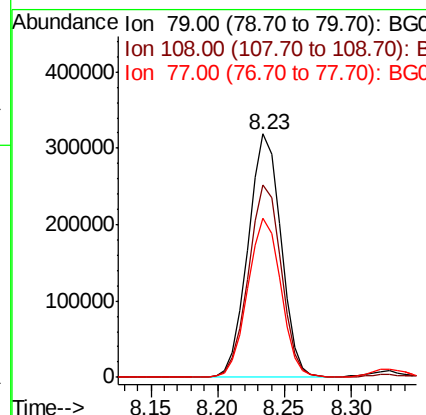
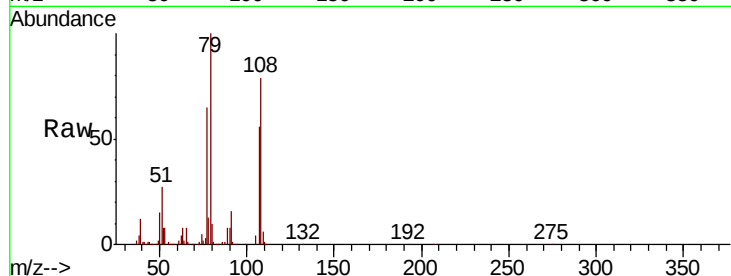




#15
Benzyl Alcohol
Concen: 53.000 ng
RT: 8.23 min Scan# 876
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

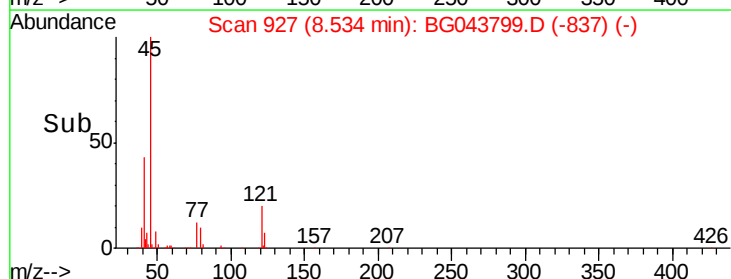
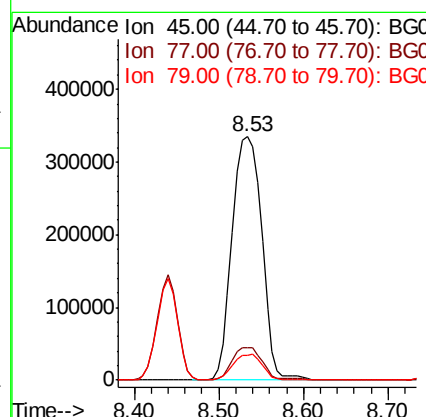
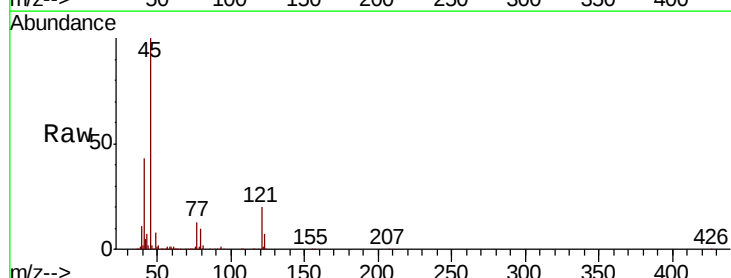
Instrument :
BNA_G
ClientSampleId :
PB125381BS

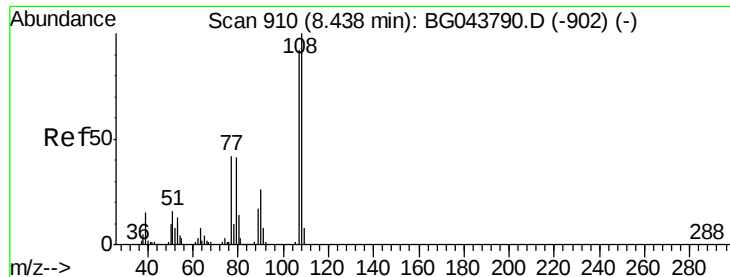
Tot Ion	Ratio	Lower	Upper
79	100		
108	79.1	62.2	93.2
77	65.2	52.8	79.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.184 ng
RT: 8.53 min Scan# 927
Delta R.T. -0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.2	0.0	33.6
79	10.3	0.0	29.9





#17

2-Methylphenol

Concen: 56.176 ng

RT: 8.44 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

ClientSampleId :

PB125381BS

Tot Ion:107 Resp: 530410

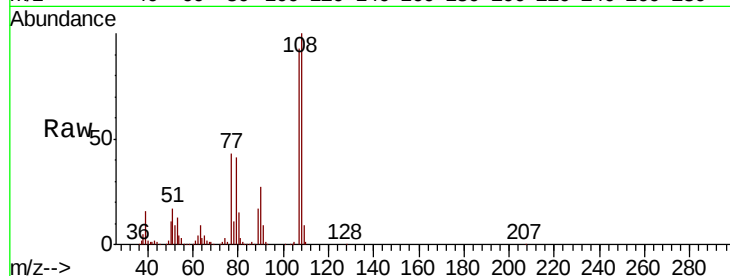
Ion Ratio Lower Upper

107 100

108 108.0 87.2 130.8

77 45.9 36.6 54.8

79 44.6 35.5 53.3

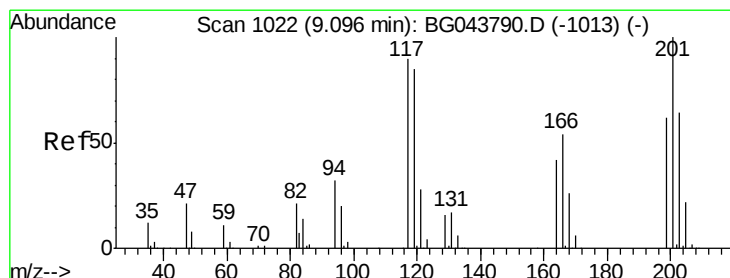
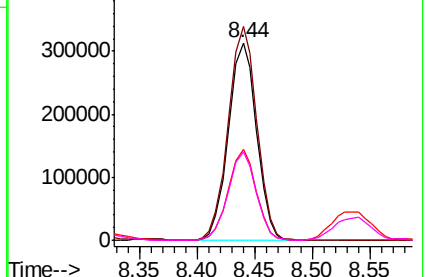
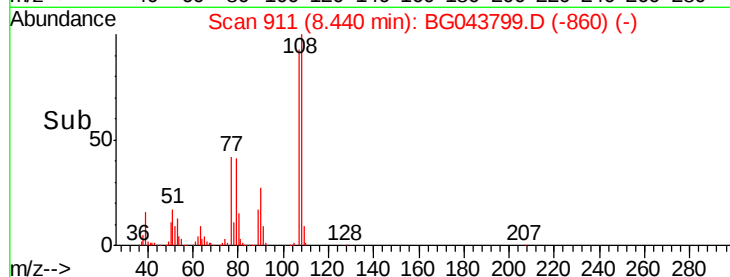


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.644 ng

RT: 9.09 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

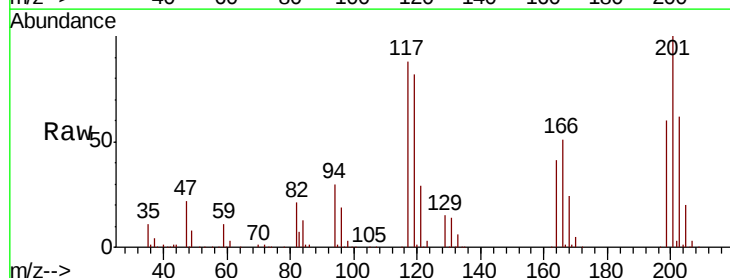
Tgt Ion:117 Resp: 196669

Ion Ratio Lower Upper

117 100

119 94.0 75.6 113.4

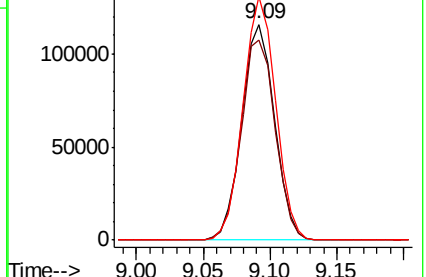
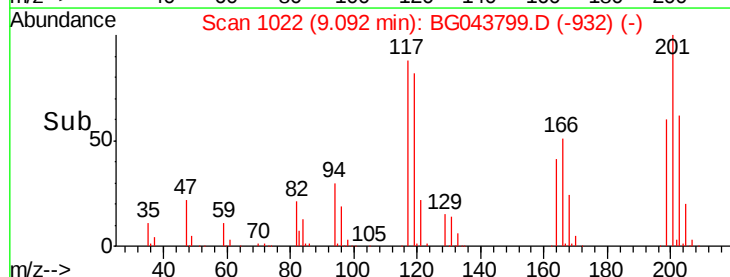
201 113.0 88.6 133.0

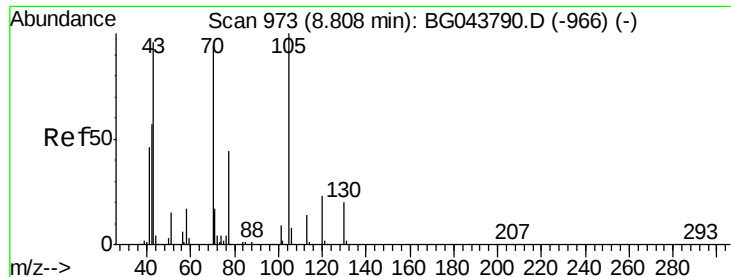


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

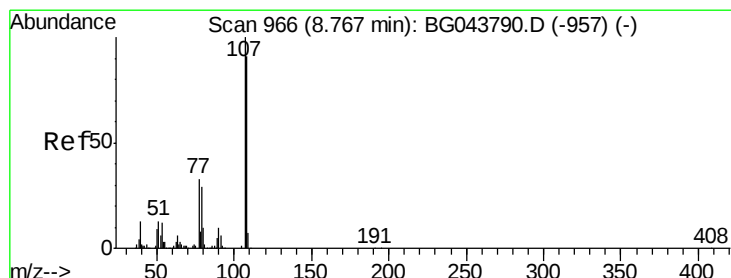
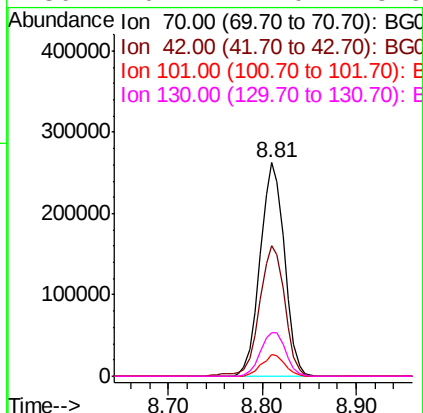
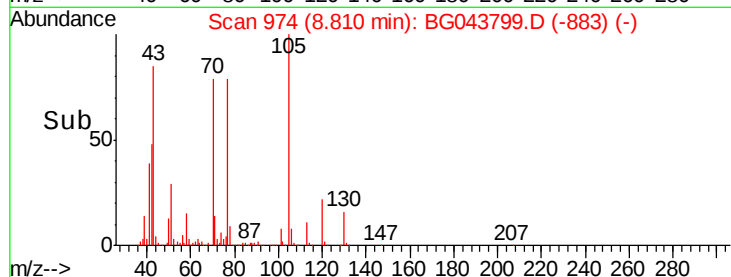
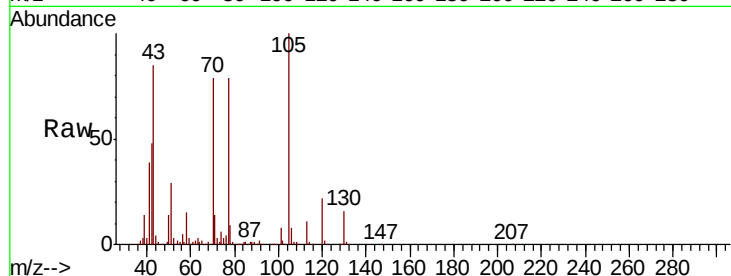




#19
n-Nitroso-di-n-propylamine
Concen: 47.731 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

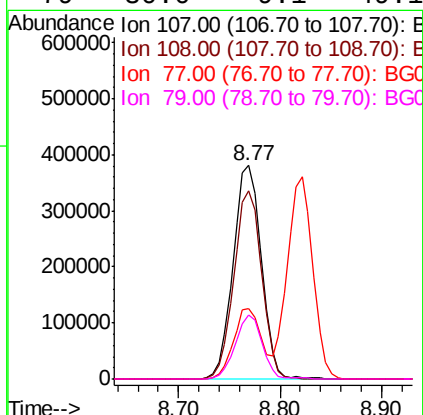
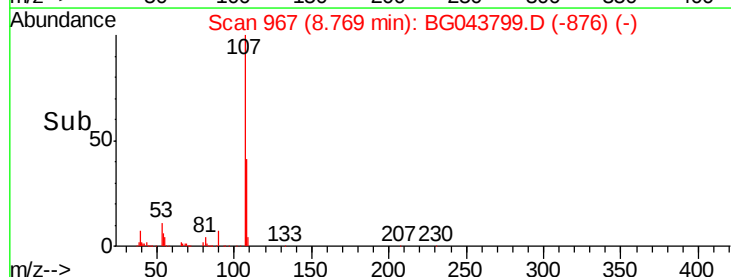
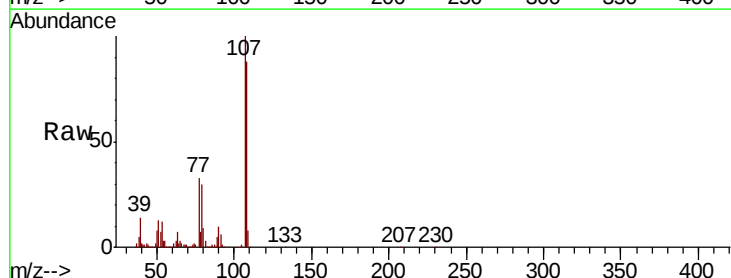
Instrument :
BNA_G
ClientSampleId :
PB125381BS

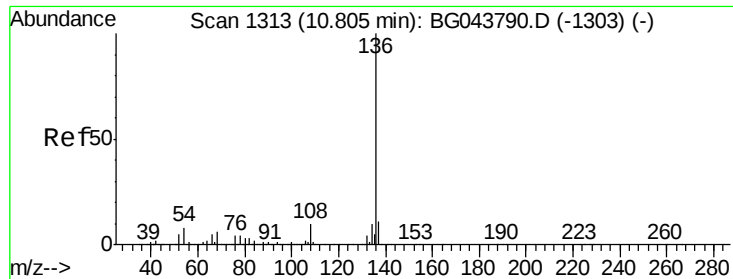
Tot Ion:	70	Resp:	467511
Ion	Ratio	Lower	Upper
70	100		
42	61.2	49.2	73.8
101	10.1	7.8	11.6
130	20.4	17.0	25.6



#20
3+4-Methylphenols
Concen: 55.939 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion:	107	Resp:	735448
Ion	Ratio	Lower	Upper
107	100		
108	88.3	70.9	110.9
77	33.1	12.7	52.7
79	30.0	9.1	49.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

ClientSampleId :

PB125381BS

Tot Ion:136 Resp: 822579

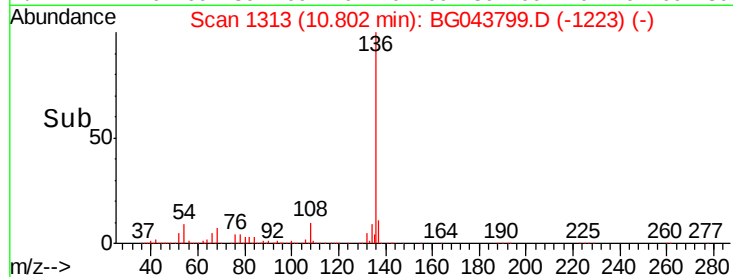
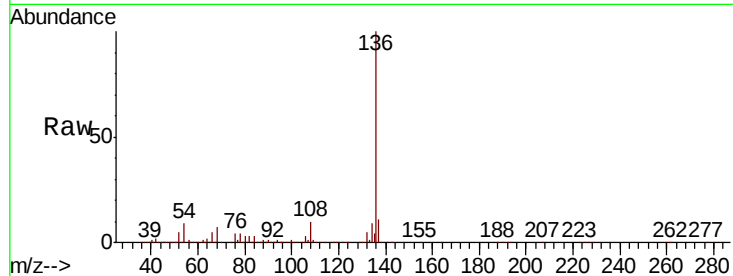
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 8.5 6.8 10.2

68 6.6 5.0 7.4

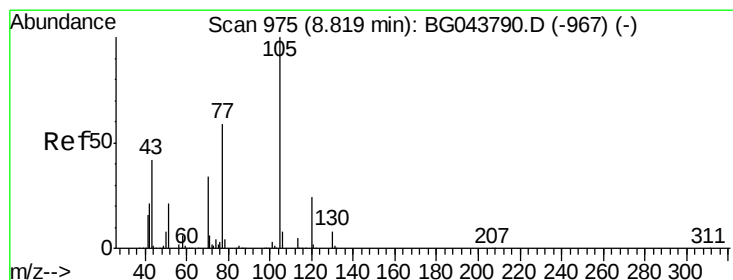
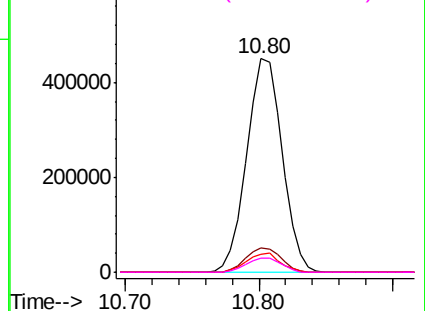


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.089 ng

RT: 8.82 min Scan# 976

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Tgt Ion:105 Resp: 822412

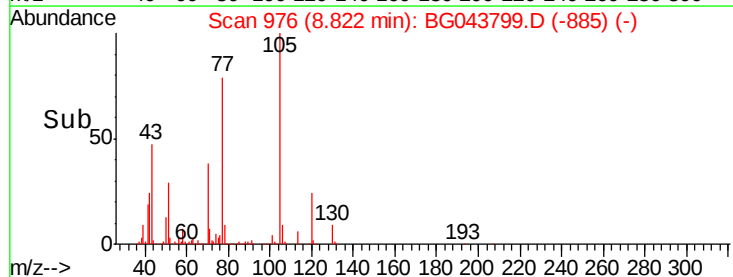
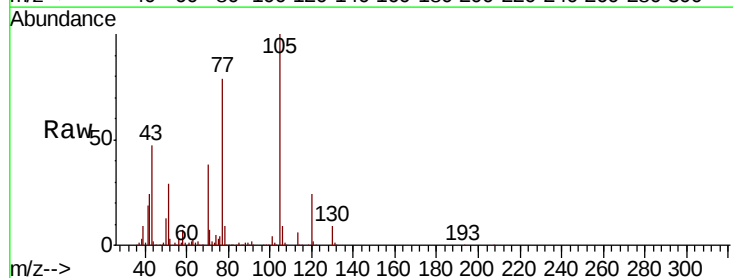
Ion Ratio Lower Upper

105 100

71 6.6 4.9 7.3

51 28.7 22.2 33.4

120 24.4 19.0 28.6

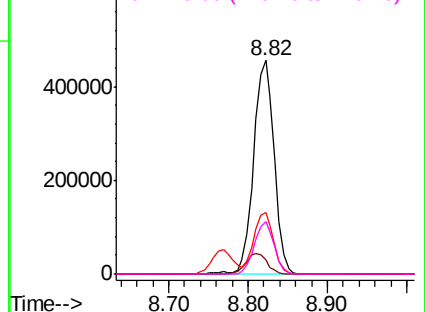


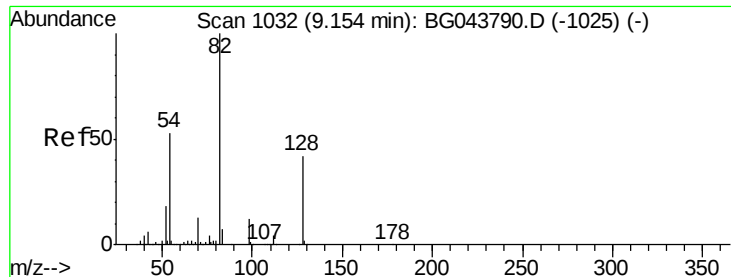
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

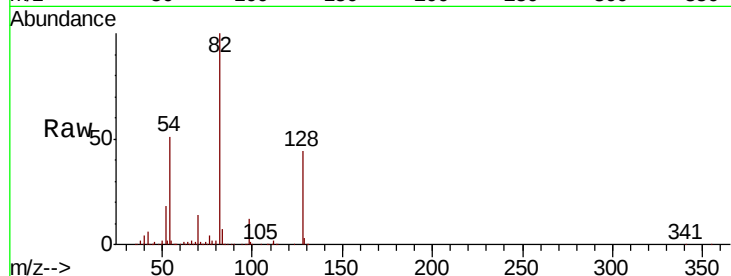




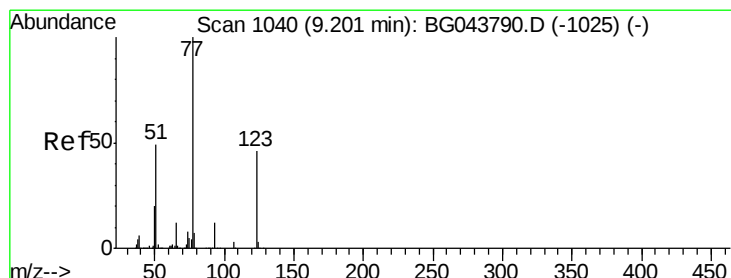
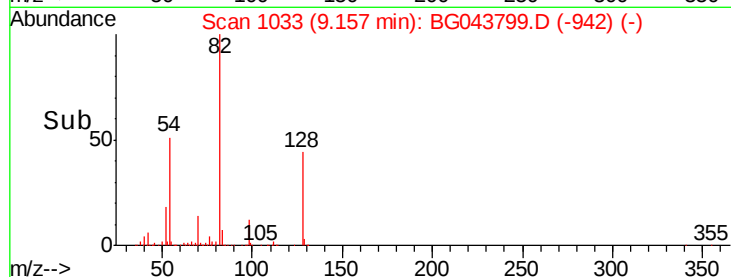
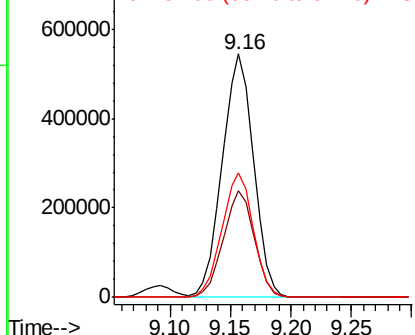
#23
 Nitrobenzene-d5
 Concen: 66.845 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BG043799.D
 Acq: 11 Dec 2019 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB125381BS

Tot Ion: 82 Resp: 979310
 Ion Ratio Lower Upper
 82 100
 128 43.9 33.6 50.4
 54 51.2 42.1 63.1

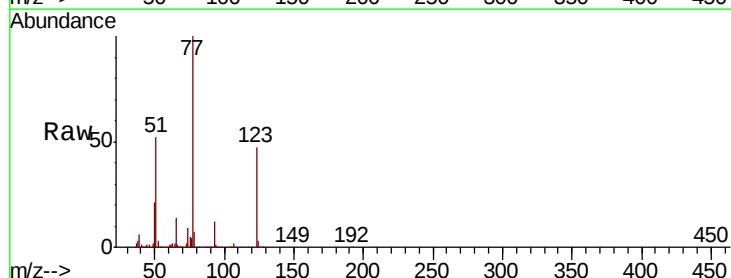


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

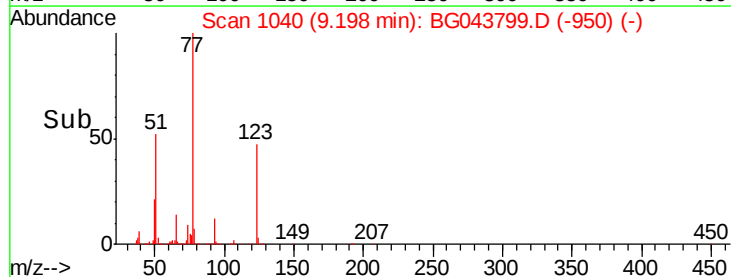
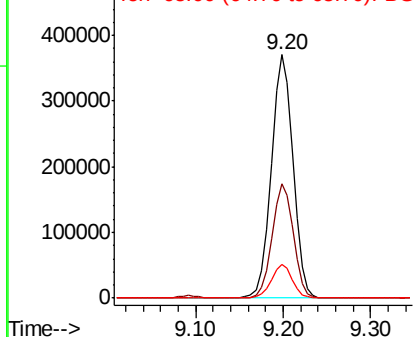


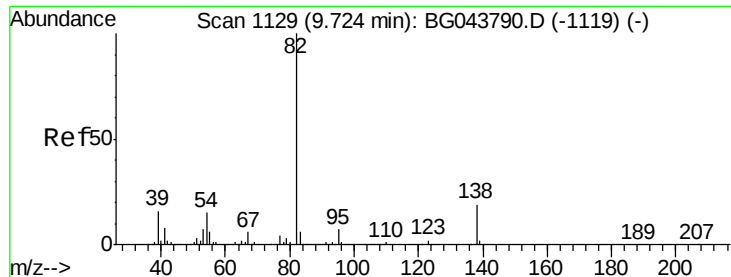
#24
 Nitrobenzene
 Concen: 42.691 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG043799.D
 Acq: 11 Dec 2019 17:31

Tgt Ion: 77 Resp: 637065
 Ion Ratio Lower Upper
 77 100
 123 47.1 36.6 55.0
 65 13.6 9.8 14.6



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

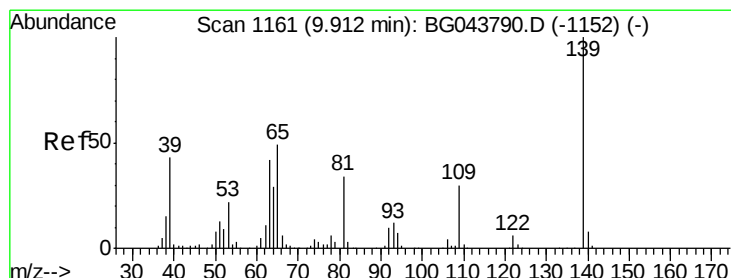
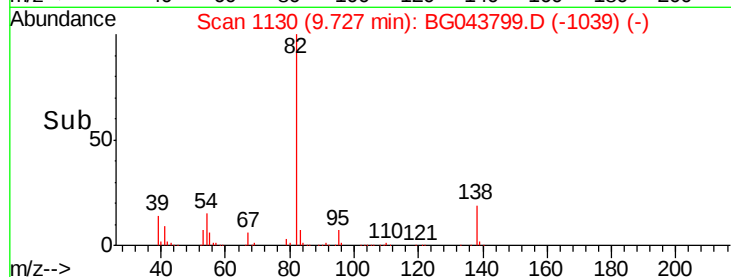
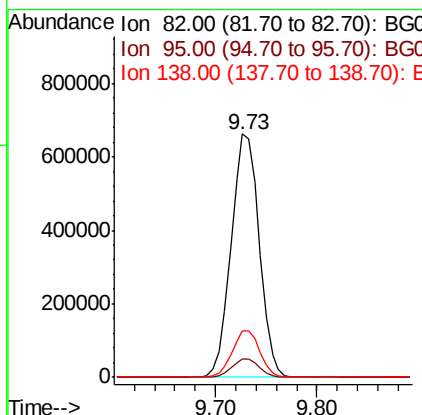
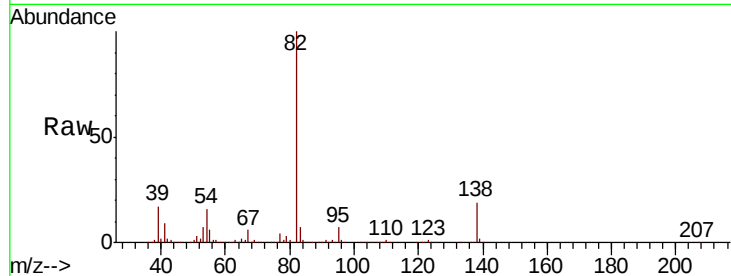




#25
Isophorone
Concen: 43.374 ng
RT: 9.73 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

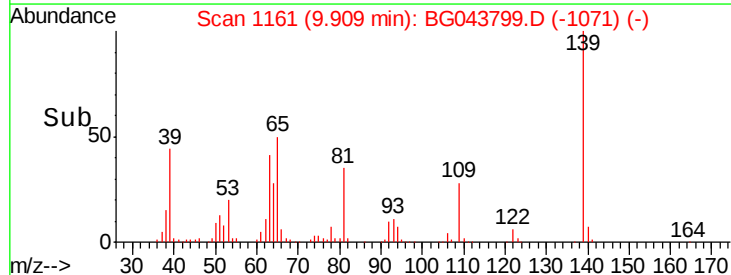
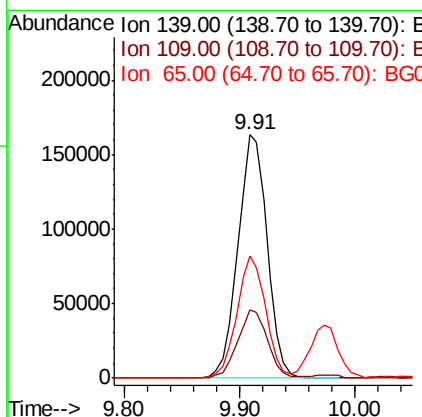
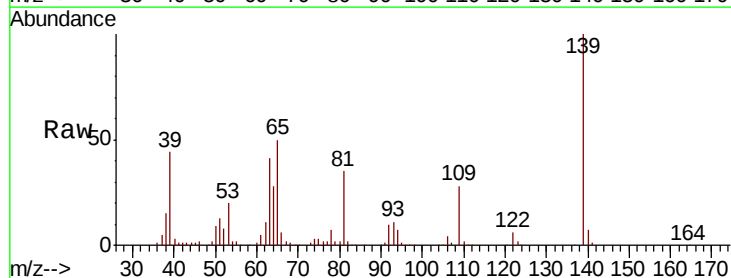
Instrument :
BNA_G
ClientSampleId :
PB125381BS

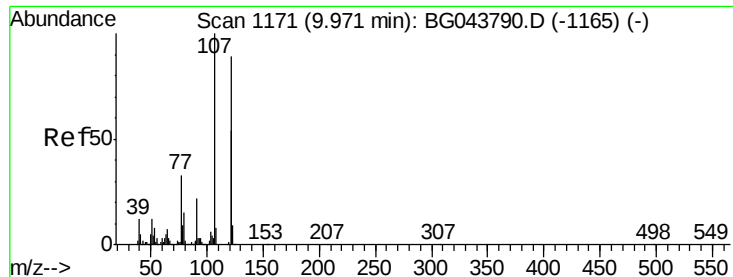
Tot Ion: 82 Resp: 1269095
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 18.9 14.8 22.2



#26
2-Nitrophenol
Concen: 48.779 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion: 139 Resp: 285569
Ion Ratio Lower Upper
139 100
109 28.2 23.9 35.9
65 49.9 39.3 58.9





#27

2,4-Dimethylphenol

Concen: 57.063 ng

RT: 9.97 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

ClientSampleId :

PB125381BS

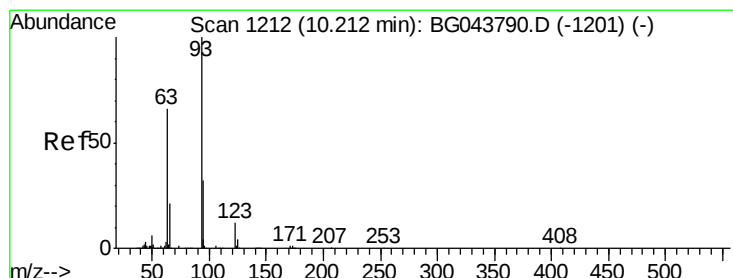
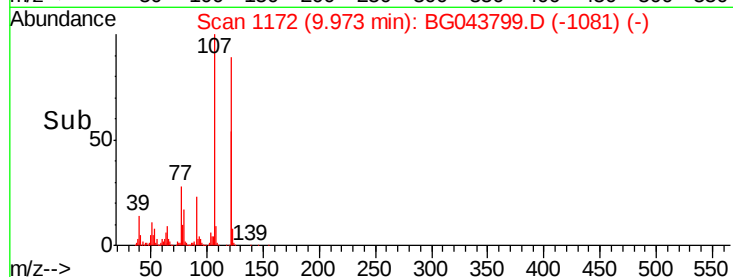
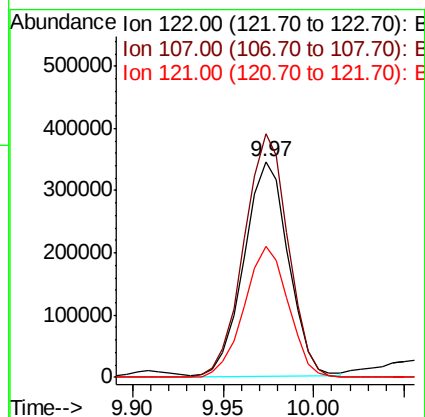
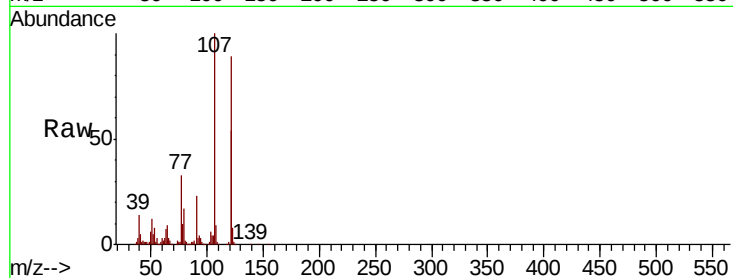
Tot Ion:122 Resp: 589994

Ion Ratio Lower Upper

122 100

107 112.8 90.0 135.0

121 60.6 48.6 73.0



#28

bis(2-Chloroethoxy)methane

Concen: 41.484 ng

RT: 10.21 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

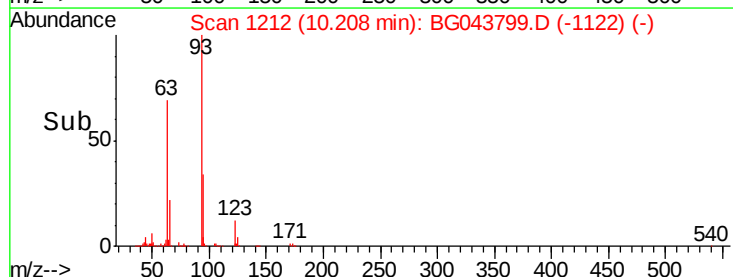
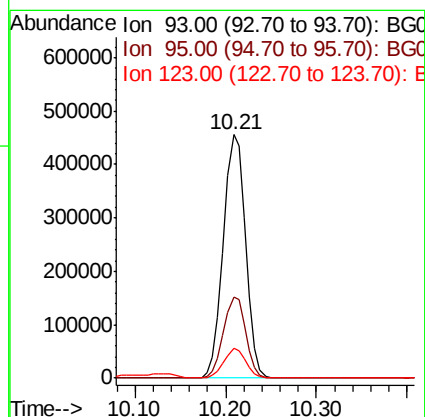
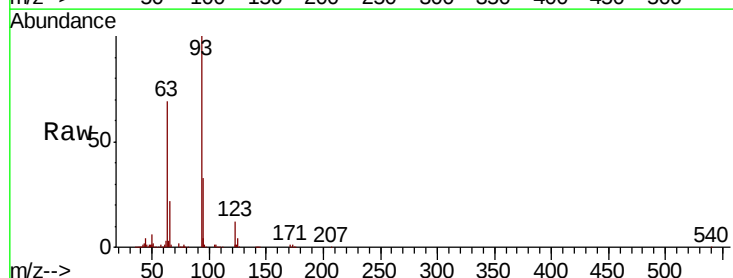
Tgt Ion: 93 Resp: 776944

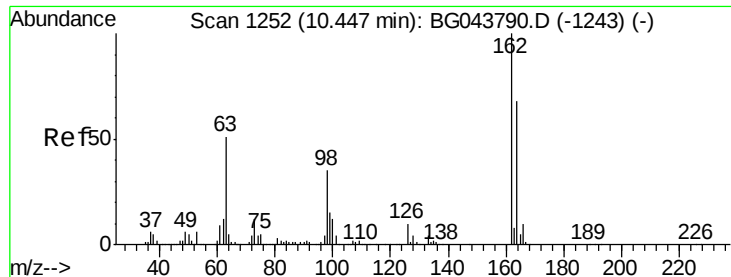
Ion Ratio Lower Upper

93 100

95 33.5 25.7 38.5

123 12.2 9.5 14.3

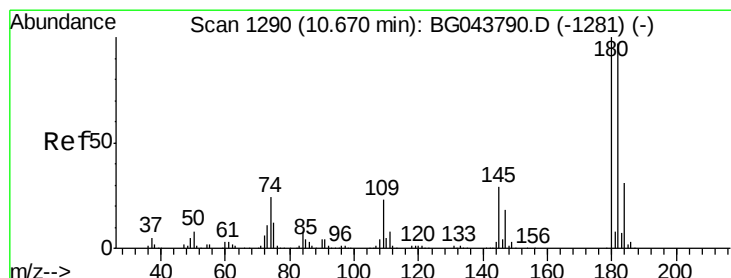
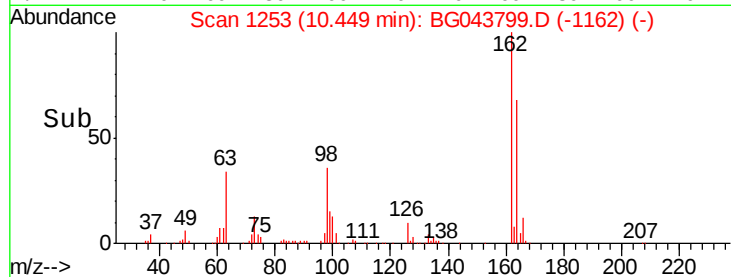
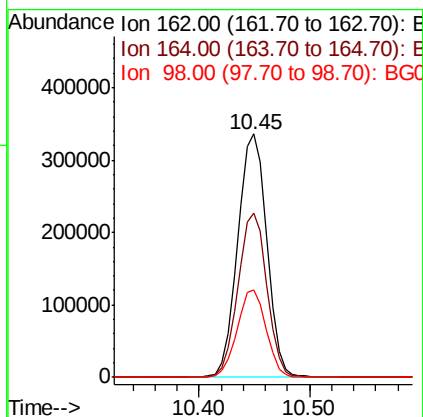
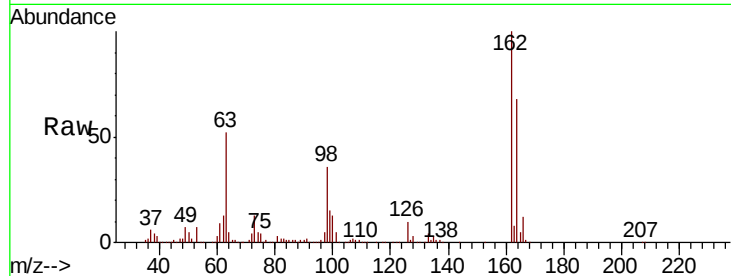




#29
2,4-Dichlorophenol
Concen: 49.161 ng
RT: 10.45 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

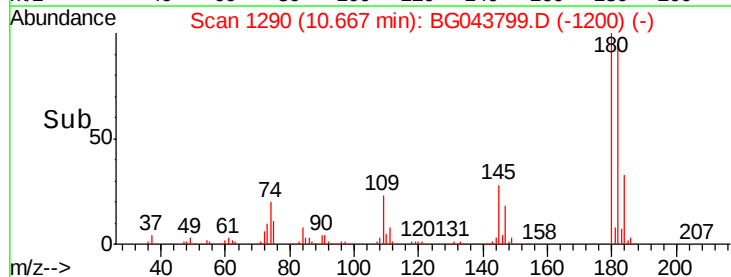
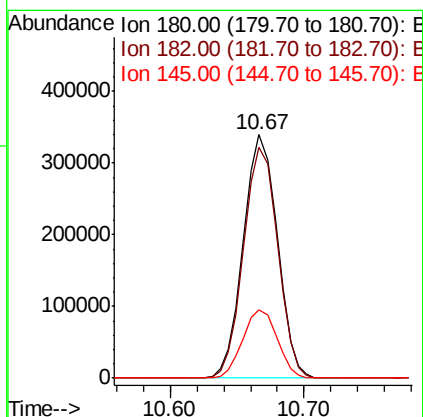
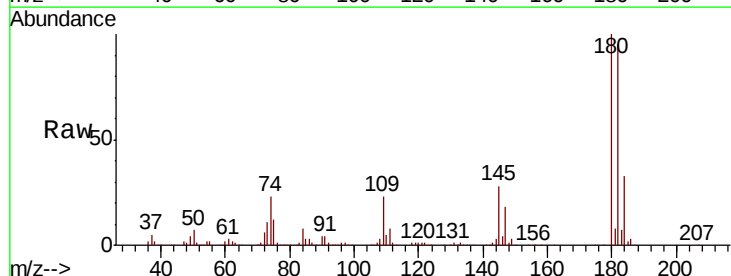
Instrument :
BNA_G
ClientSampleId :
PB125381BS

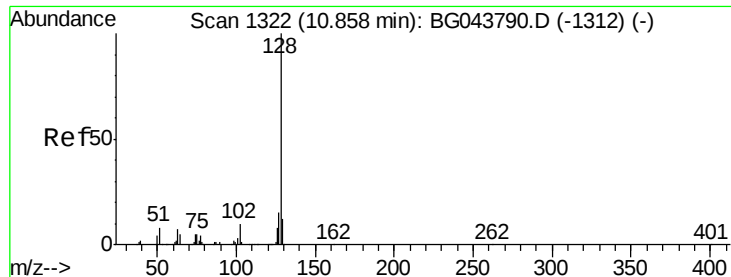
Tot Ion:162 Resp: 624196
Ion Ratio Lower Upper
162 100
164 67.6 48.0 88.0
98 35.8 14.9 54.9



#30
1,2,4-Trichlorobenzene
Concen: 39.892 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion:180 Resp: 599580
Ion Ratio Lower Upper
180 100
182 94.8 77.8 116.8
145 28.3 23.0 34.6

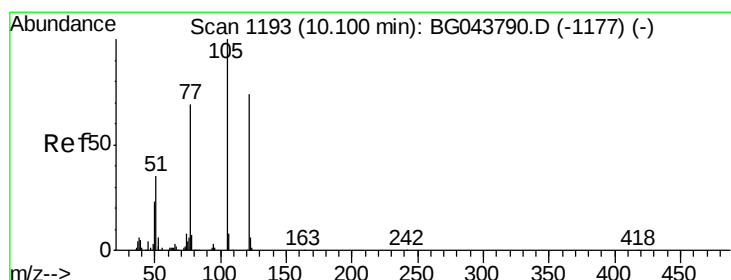
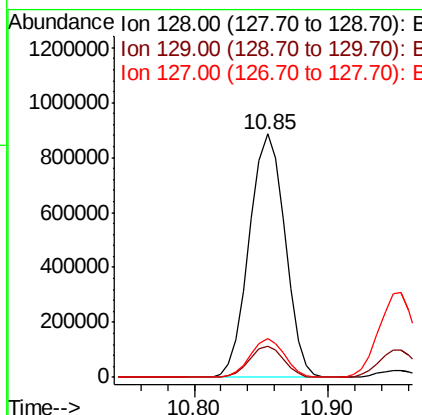
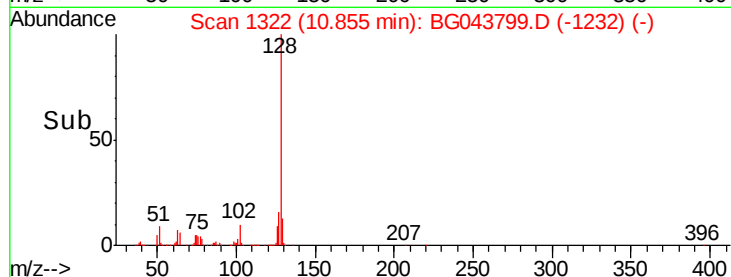
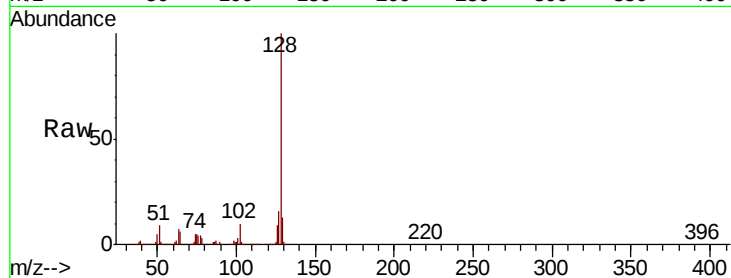




#31
Naphthalene
Concen: 41.589 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

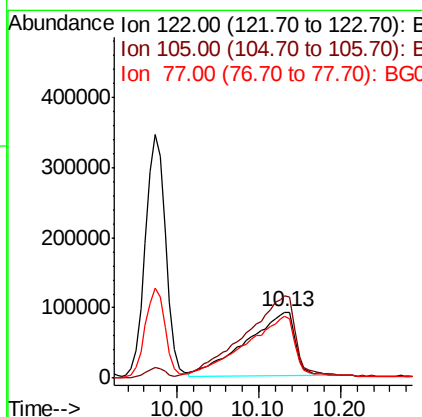
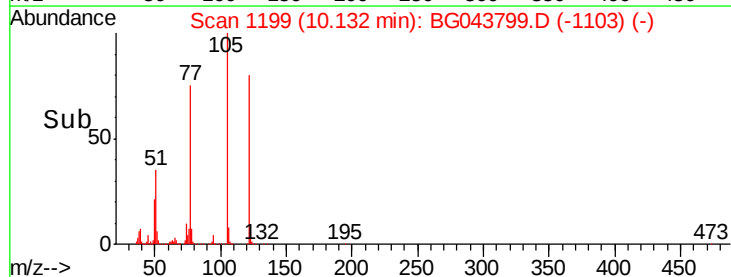
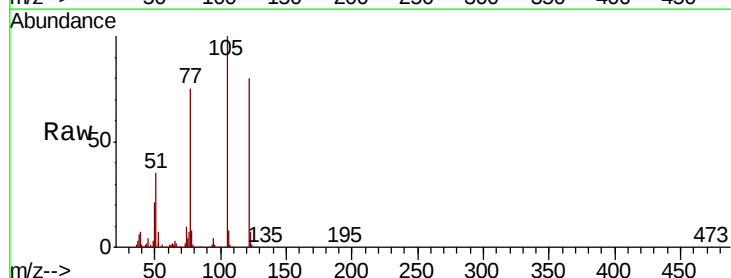
Instrument :
BNA_G
ClientSampleId :
PB125381BS

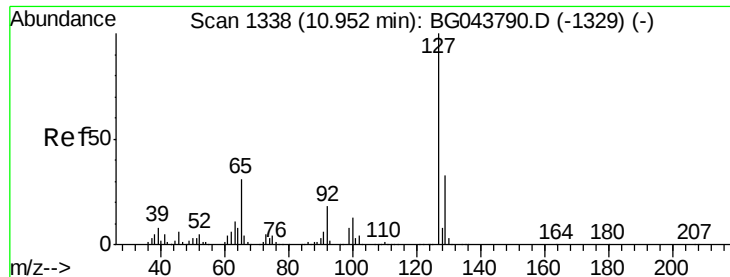
Tot Ion:128 Resp: 1641528
Ion Ratio Lower Upper
128 100
129 12.6 9.8 14.6
127 15.9 11.9 17.9



#32
Benzoic acid
Concen: 51.657 ng
RT: 10.13 min Scan# 1199
Delta R.T. 0.03 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion:122 Resp: 385559
Ion Ratio Lower Upper
122 100
105 125.1 107.5 147.5
77 93.8 71.7 111.7

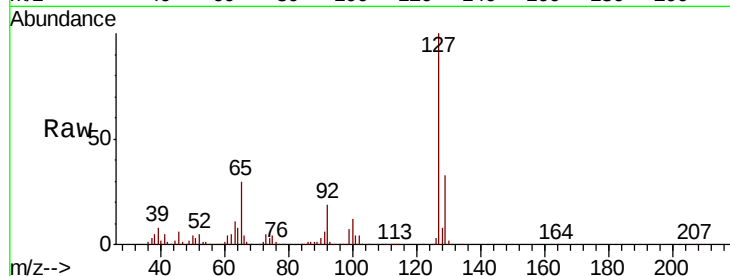




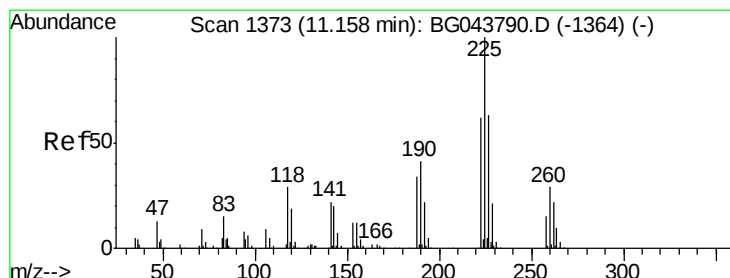
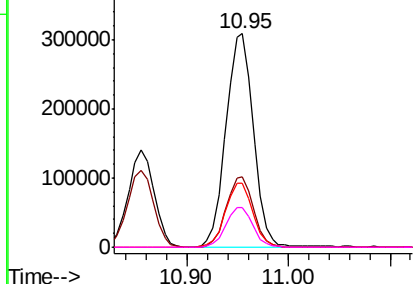
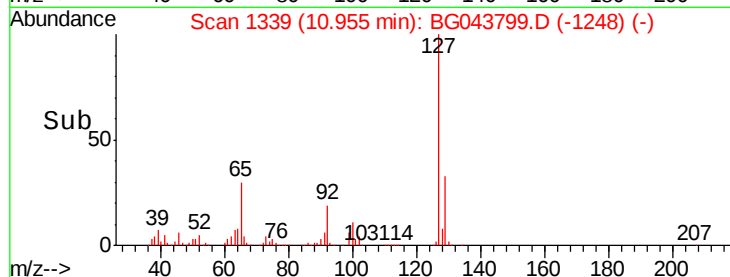
#33
4-Chloroaniline
Concen: 30.247 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Instrument :
BNA_G
ClientSampleId :
PB125381BS

Tot Ion:127	Resp:	578828
Ion Ratio	Lower	Upper
127	100	
129	32.7	26.1 39.1
65	30.3	24.4 36.6
92	18.9	14.6 22.0

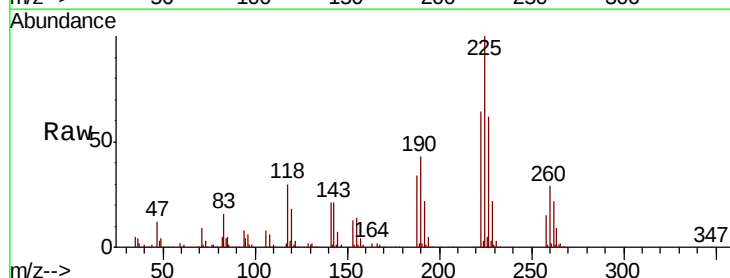


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

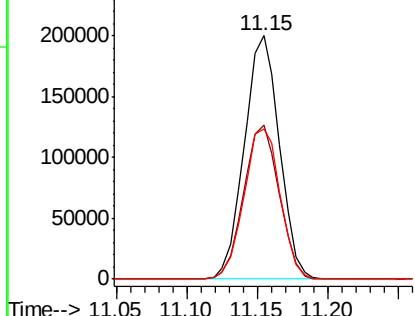
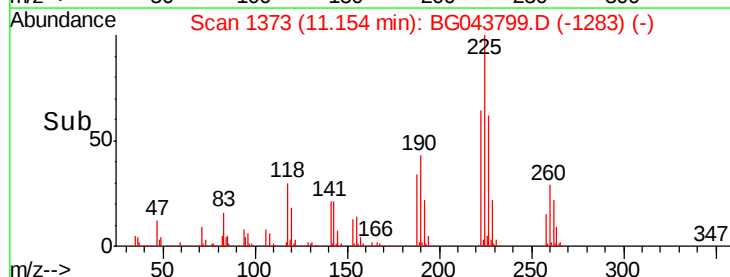


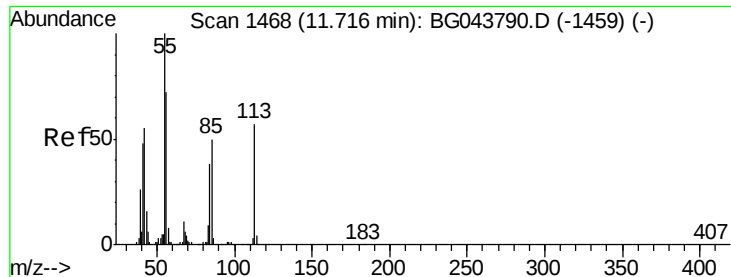
#34
Hexachlorobutadiene
Concen: 38.245 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion:225	Resp:	348295
Ion Ratio	Lower	Upper
225	100	
223	63.5	49.3 73.9
227	61.7	50.2 75.2



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

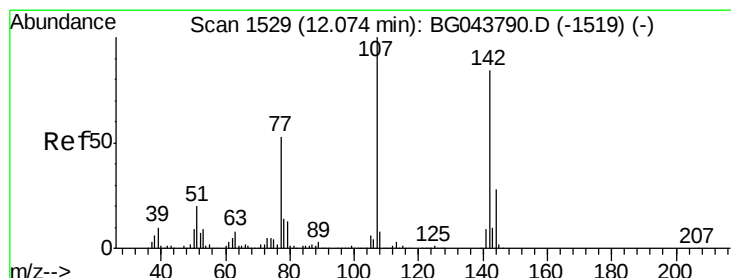
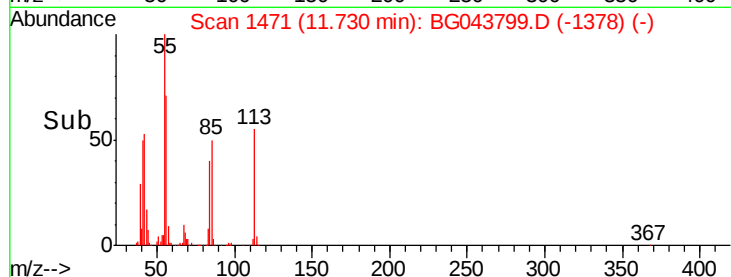
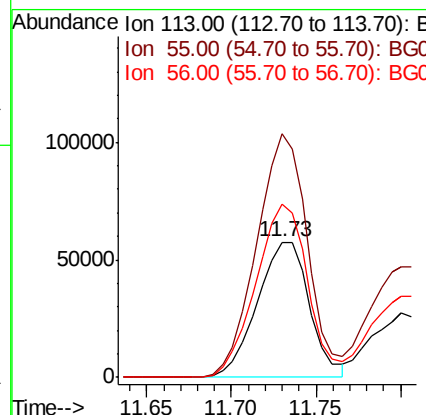
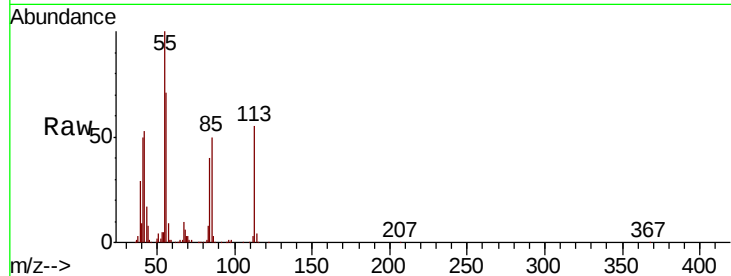




#35
Caprolactam
Concen: 24.758 ng
RT: 11.73 min Scan# 1471
Delta R.T. 0.01 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

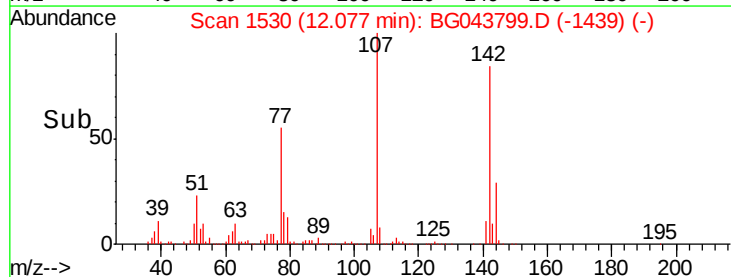
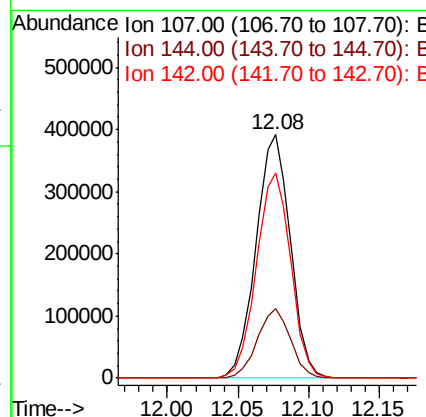
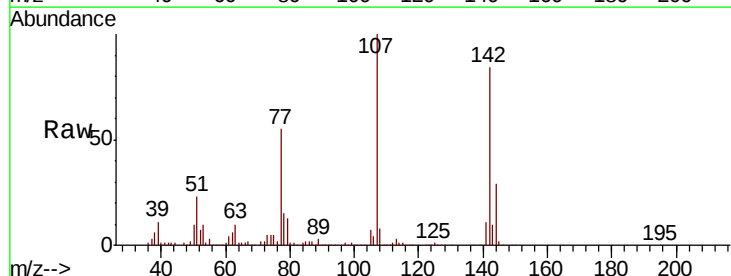
Instrument :
BNA_G
ClientSampleId :
PB125381BS

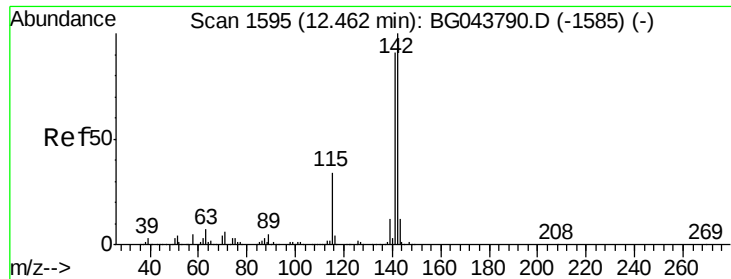
Tot Ion:113 Resp: 123369
Ion Ratio Lower Upper
113 100
55 180.4 154.2 194.2
56 128.6 105.6 145.6



#36
4-Chloro-3-methylphenol
Concen: 48.914 ng
RT: 12.08 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion:107 Resp: 668608
Ion Ratio Lower Upper
107 100
144 28.7 22.2 33.4
142 84.4 67.0 100.6

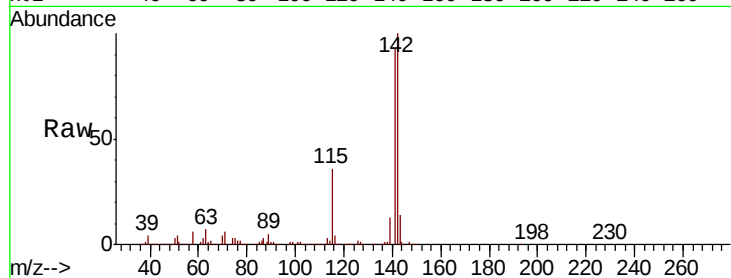




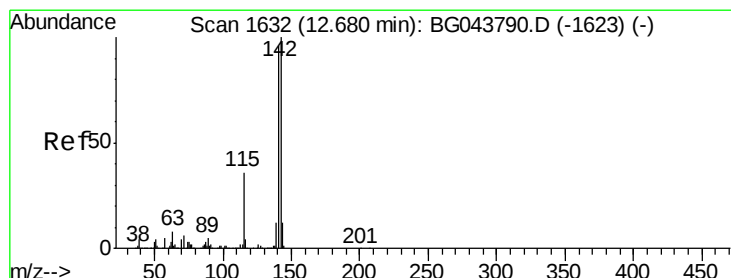
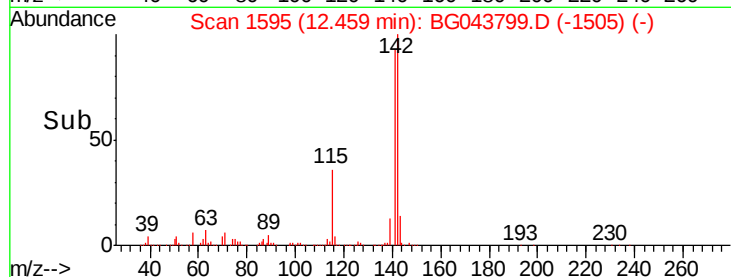
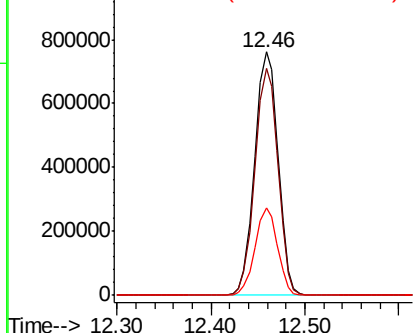
#37
2-Methylnaphthalene
Concen: 42.841 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Instrument :
BNA_G
ClientSampleId :
PB125381BS

Tot Ion:142 Resp: 1310615
Ion Ratio Lower Upper
142 100
141 93.4 73.2 109.8
115 35.9 27.3 40.9

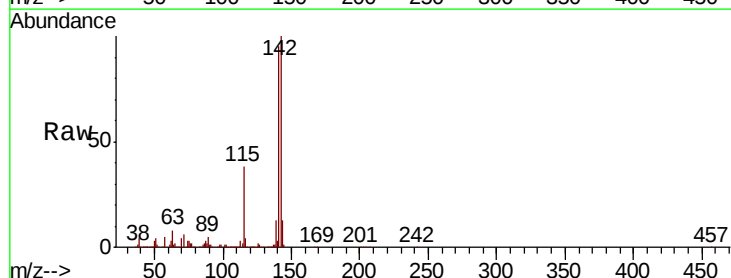


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

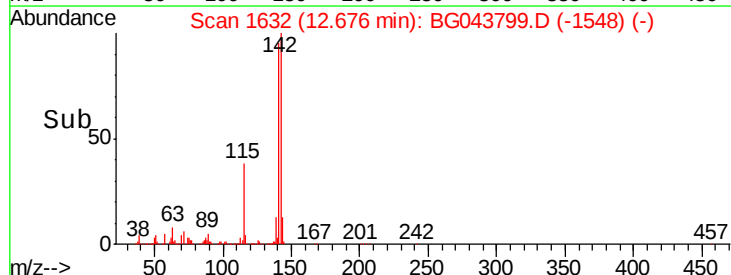
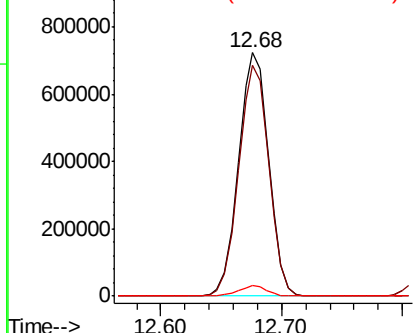


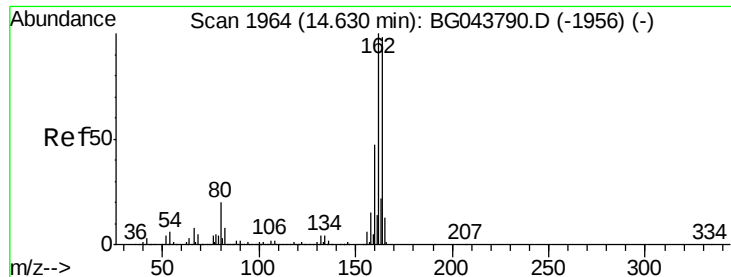
#38
1-Methylnaphthalene
Concen: 43.112 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion:142 Resp: 1254152
Ion Ratio Lower Upper
142 100
141 94.9 76.9 115.3
116 4.2 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

ClientSampleId :

PB125381BS

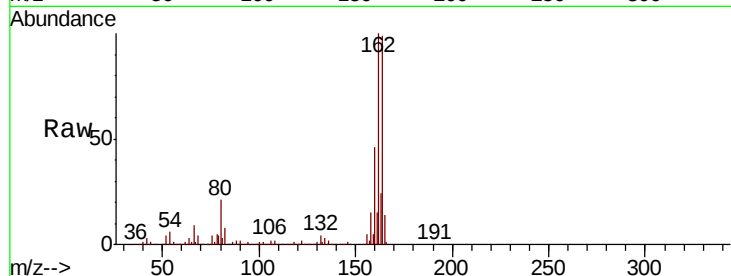
Tot Ion:164 Resp: 611875

Ion Ratio Lower Upper

164 100

162 100.9 81.9 122.9

160 46.0 38.3 57.5

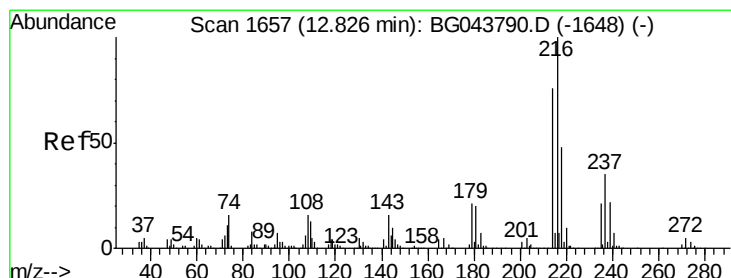
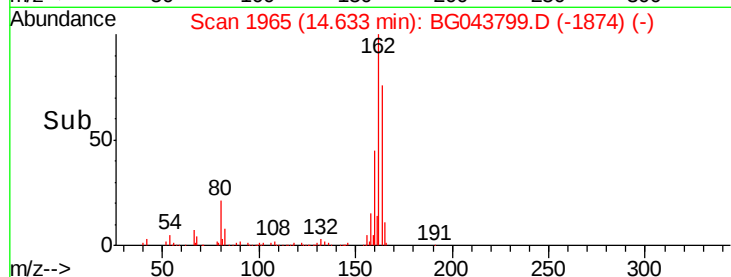
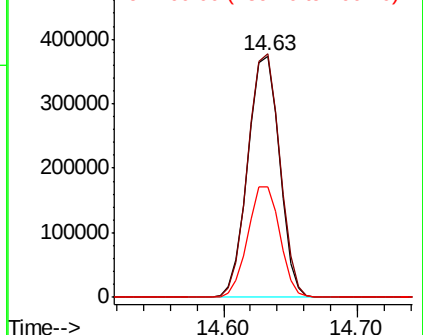


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.847 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Tgt Ion:216 Resp: 695875

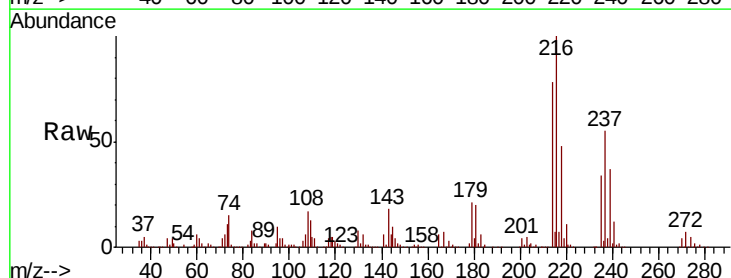
Ion Ratio Lower Upper

216 100

214 77.2 62.2 93.4

179 21.0 16.6 25.0

108 18.2 13.7 20.5



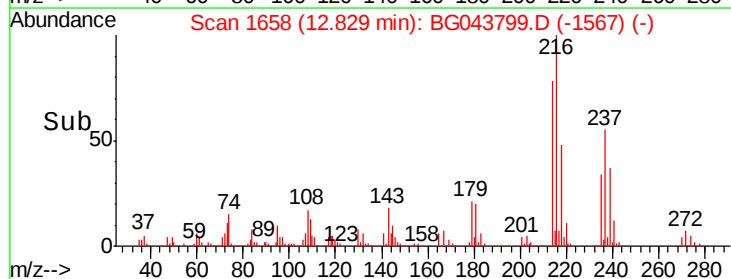
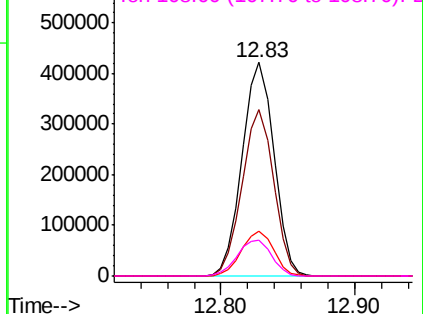
Abundance

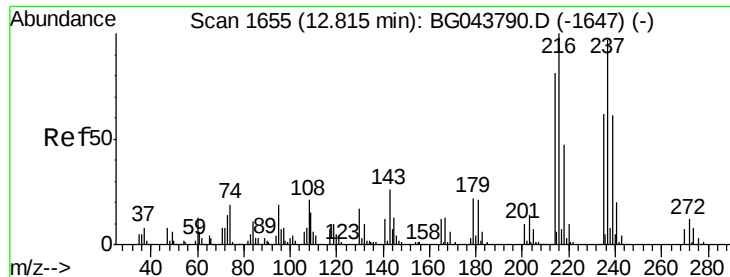
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

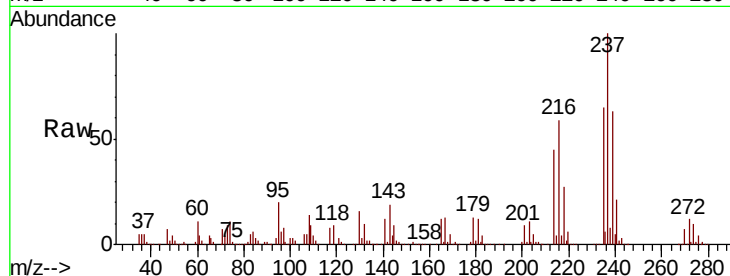




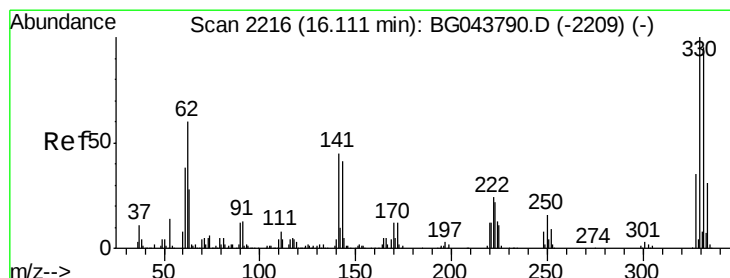
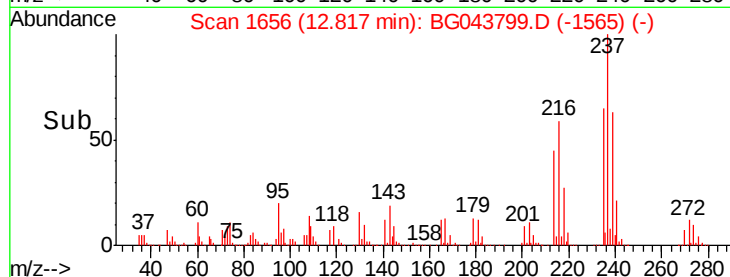
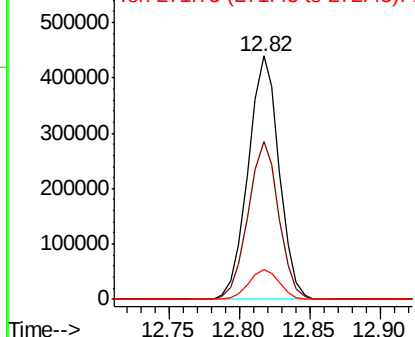
#41
Hexachlorocyclopentadiene
Concen: 78.263 ng
RT: 12.82 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Instrument :
BNA_G
ClientSampleId :
PB125381BS

Tot Ion:237 Resp: 675405
Ion Ratio Lower Upper
237 100
235 64.8 43.9 83.9
272 12.1 0.0 32.0

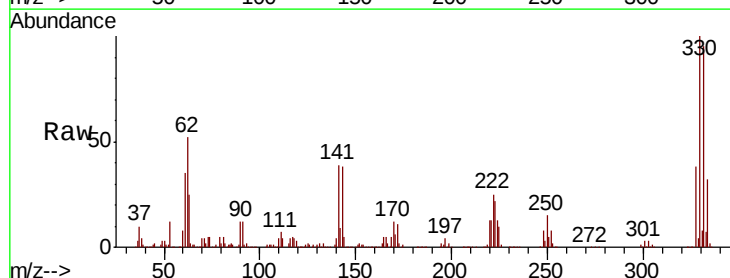


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

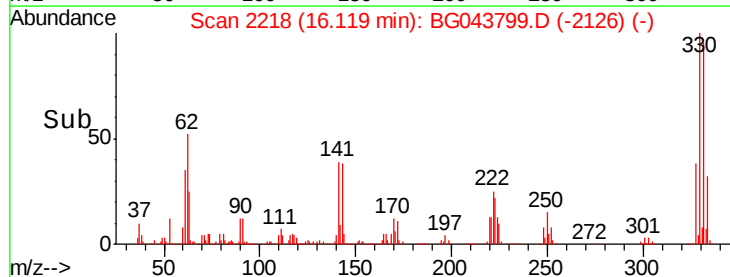
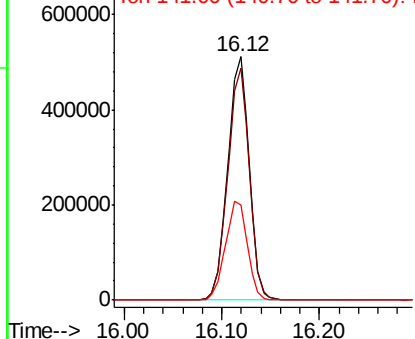


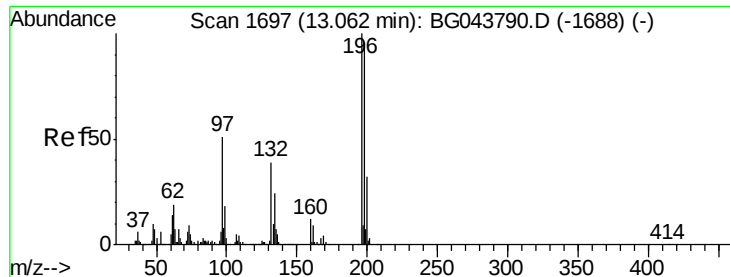
#42
2,4,6-Tribromophenol
Concen: 134.026 ng
RT: 16.12 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion:330 Resp: 781818
Ion Ratio Lower Upper
330 100
332 95.6 76.9 115.3
141 41.7 33.8 50.8



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

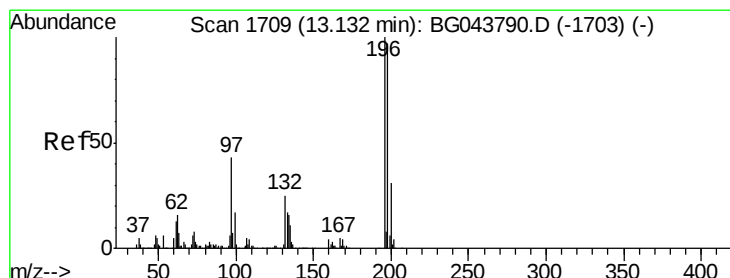
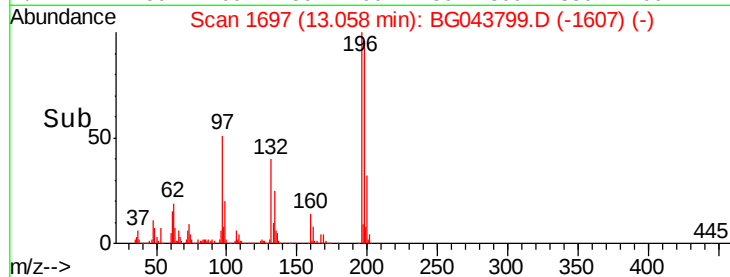
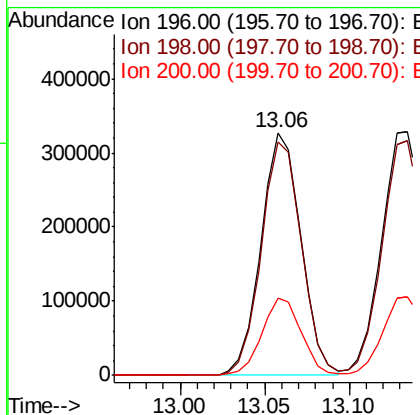
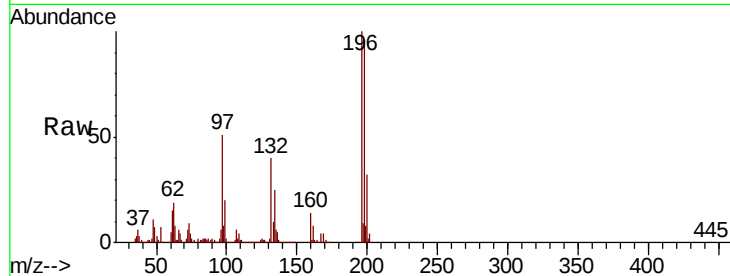




#43
2,4,6-Trichlorophenol
Concen: 45.630 ng
RT: 13.06 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

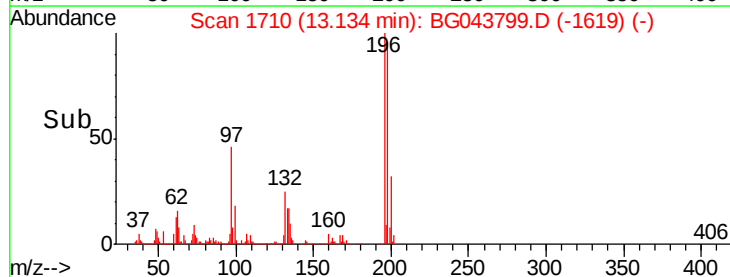
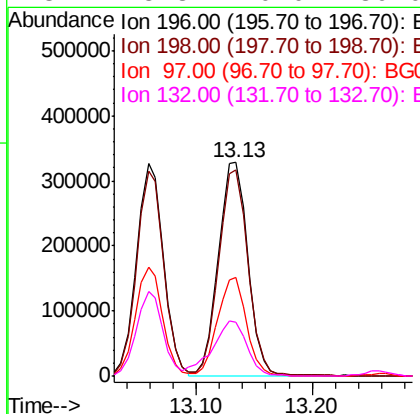
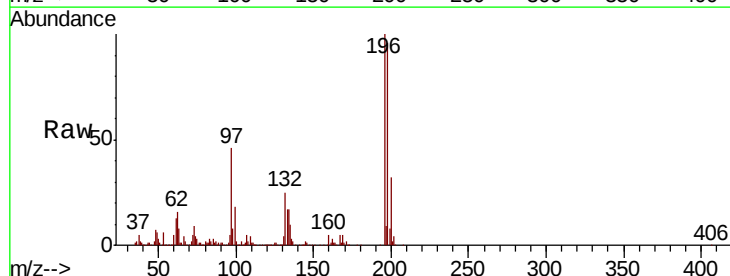
Instrument :
BNA_G
ClientSampleId :
PB125381BS

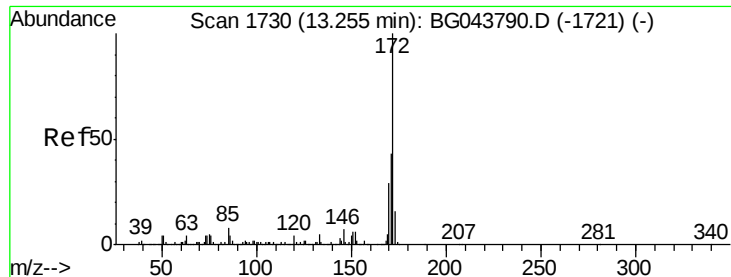
Tot Ion:196 Resp: 533246
Ion Ratio Lower Upper
196 100
198 96.4 77.0 115.6
200 32.0 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 47.442 ng
RT: 13.13 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion:196 Resp: 580848
Ion Ratio Lower Upper
196 100
198 96.2 77.4 116.0
97 46.1 34.7 52.1
132 25.3 20.0 30.0

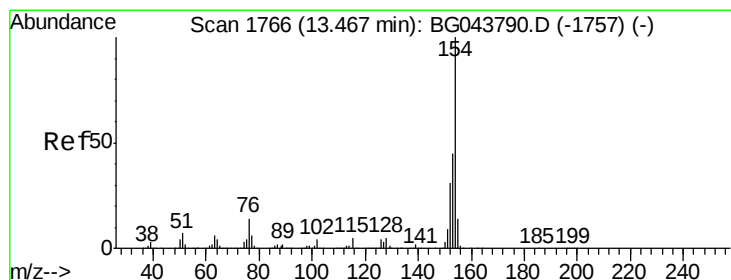
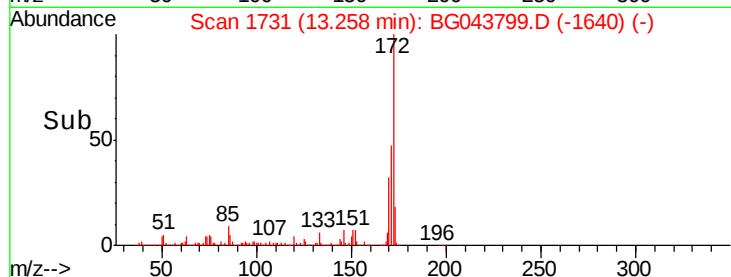
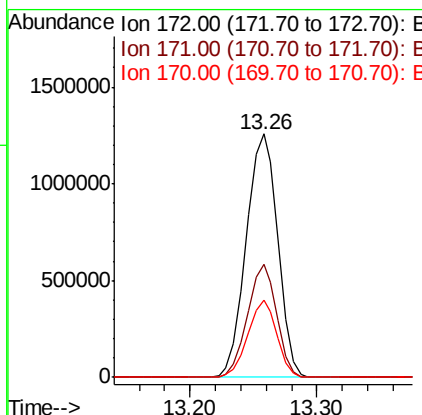
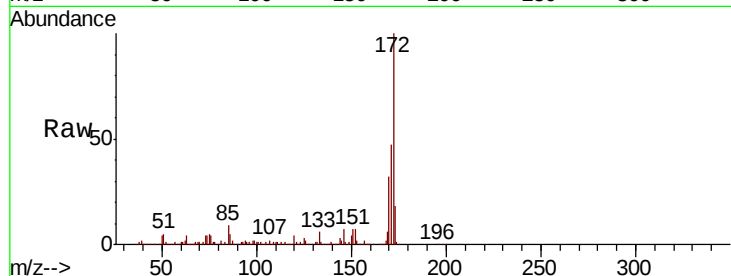




#45
2-Fluorobiphenyl
Concen: 62.265 ng
RT: 13.26 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

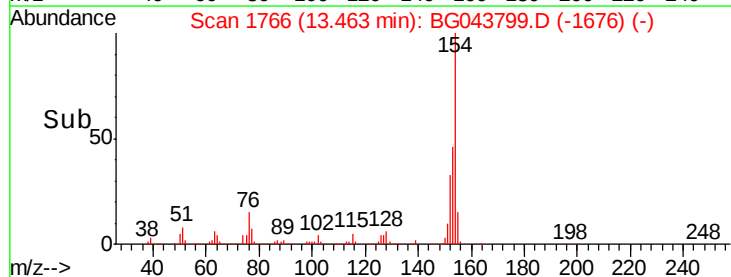
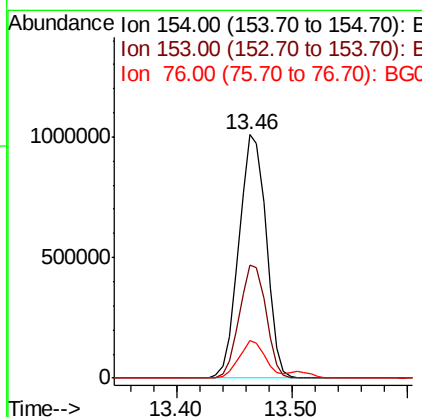
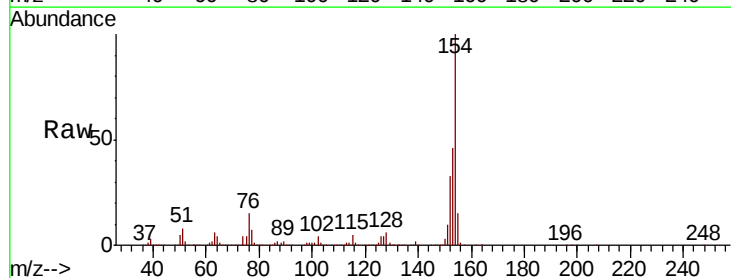
Instrument :
BNA_G
ClientSampleId :
PB125381BS

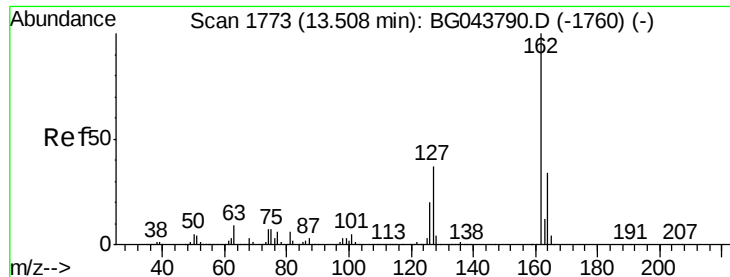
Tot Ion:172 Resp: 2168899
Ion Ratio Lower Upper
172 100
171 46.5 34.6 51.8
170 31.8 23.3 34.9



#46
1,1'-Biphenyl
Concen: 39.047 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion:154 Resp: 1647147
Ion Ratio Lower Upper
154 100
153 46.5 24.5 64.5
76 15.3 0.0 33.9

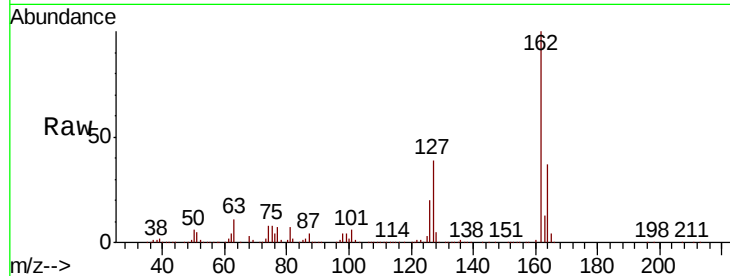




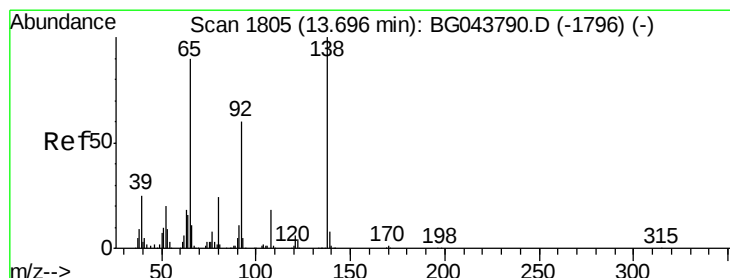
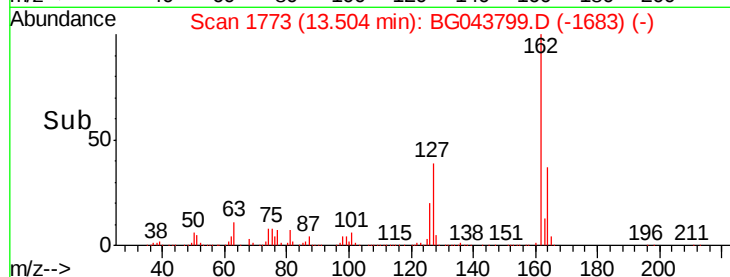
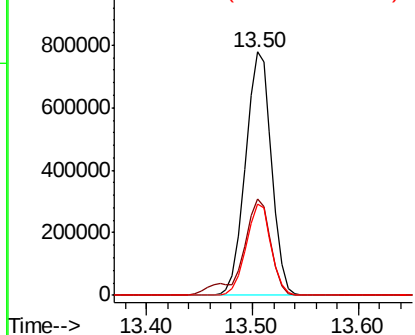
#47
2-Chloronaphthalene
Concen: 38.424 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Instrument :
BNA_G
ClientSampleId :
PB125381BS

Tot Ion:162 Resp: 1325083
Ion Ratio Lower Upper
162 100
127 39.4 30.0 45.0
164 37.4 27.6 41.4

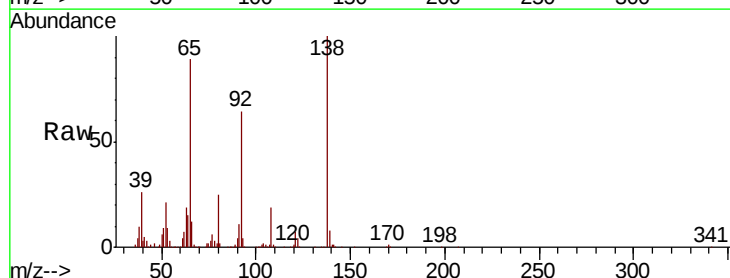


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

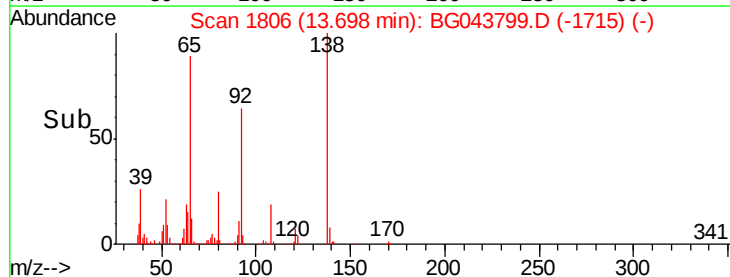
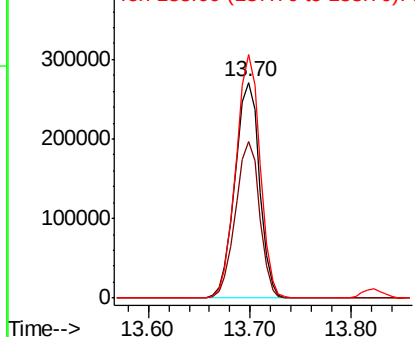


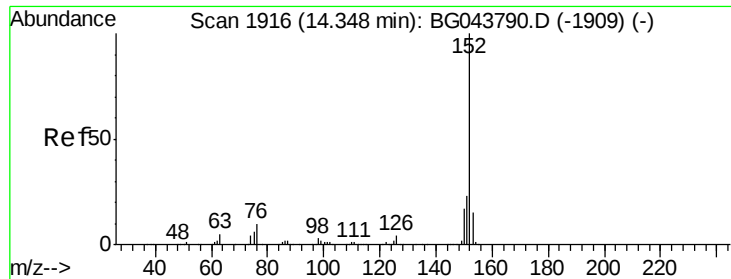
#48
2-Nitroaniline
Concen: 44.876 ng
RT: 13.70 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion: 65 Resp: 456406
Ion Ratio Lower Upper
65 100
92 72.7 53.7 80.5
138 112.8 88.8 133.2



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





#49

Acenaphthylene

Concen: 40.503 ng

RT: 14.35 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

ClientSampleId :

PB125381BS

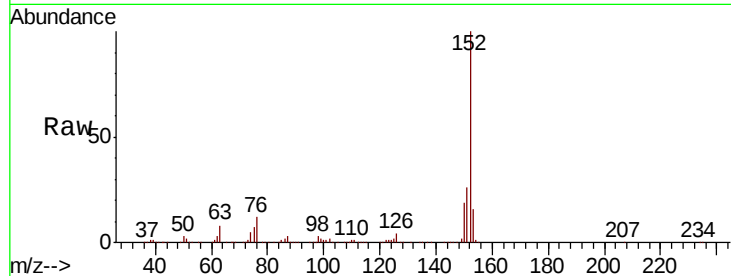
Tot Ion:152 Resp: 2080688

Ion Ratio Lower Upper

152 100

151 26.4 18.5 27.7

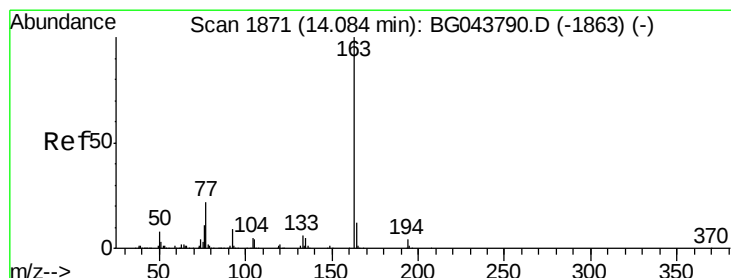
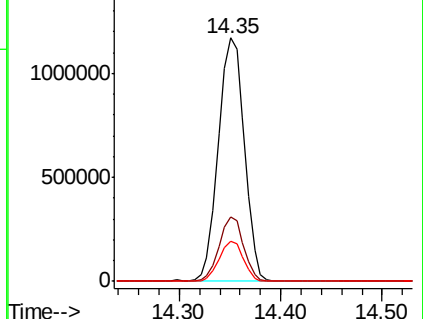
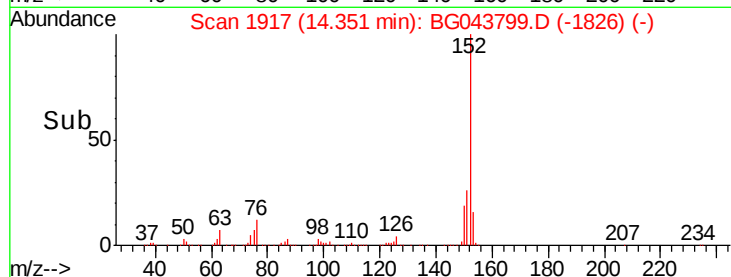
153 16.5 11.8 17.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.394 ng

RT: 14.09 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

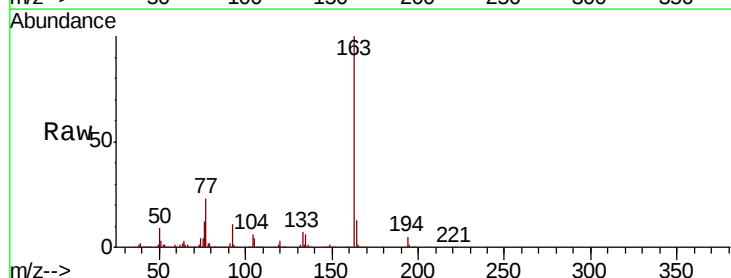
Tgt Ion:163 Resp: 1764121

Ion Ratio Lower Upper

163 100

194 5.2 3.6 5.4

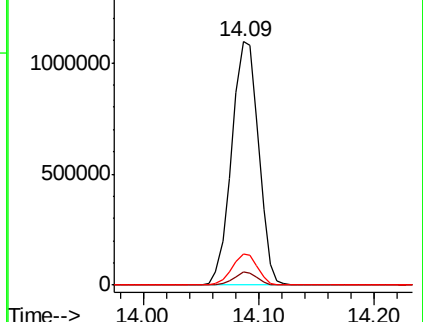
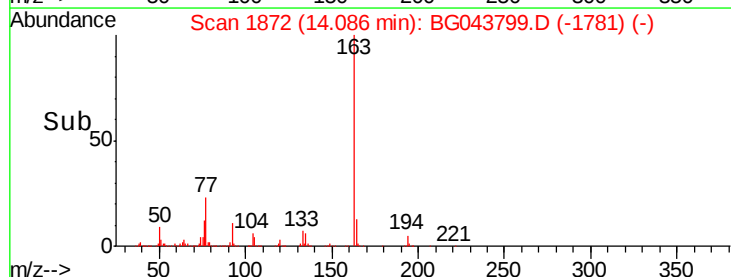
164 13.0 9.4 14.0

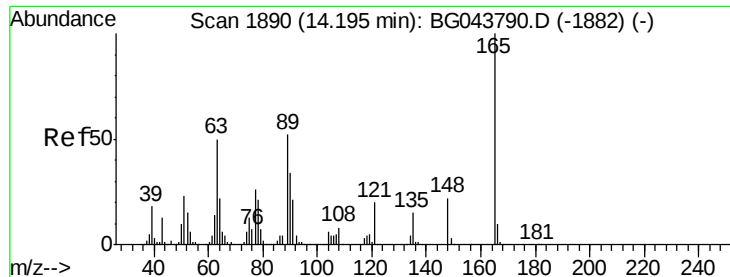


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

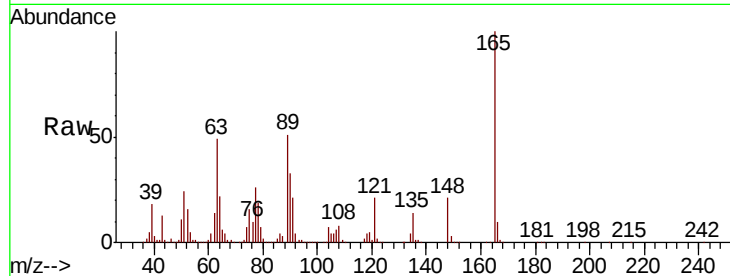




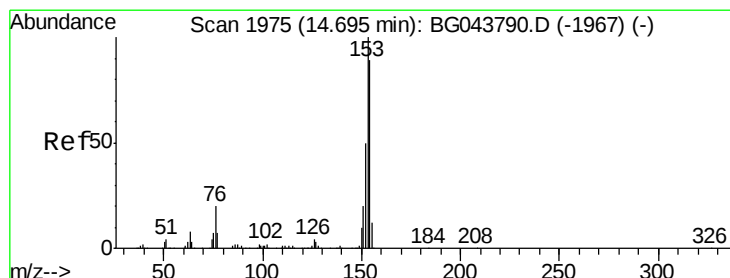
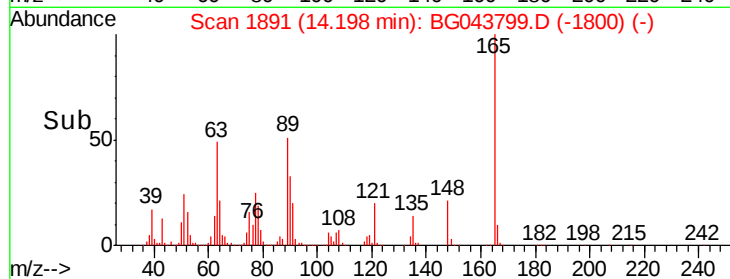
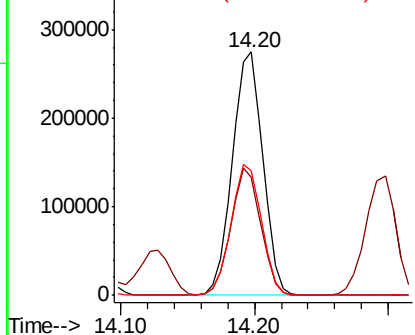
#51
 2,6-Dinitrotoluene
 Concen: 46.327 ng
 RT: 14.20 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: BG043799.D
 Acq: 11 Dec 2019 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB125381BS

Tot Ion:165 Resp: 436004
 Ion Ratio Lower Upper
 165 100
 63 48.8 40.3 60.5
 89 51.1 41.8 62.8

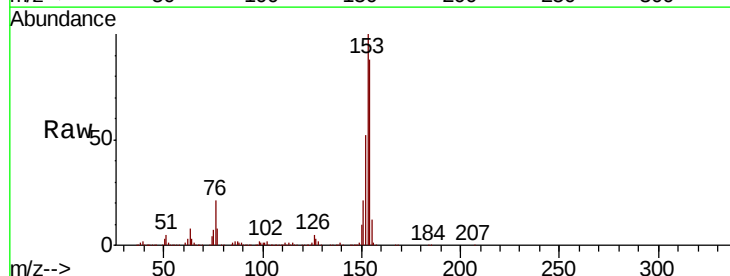


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

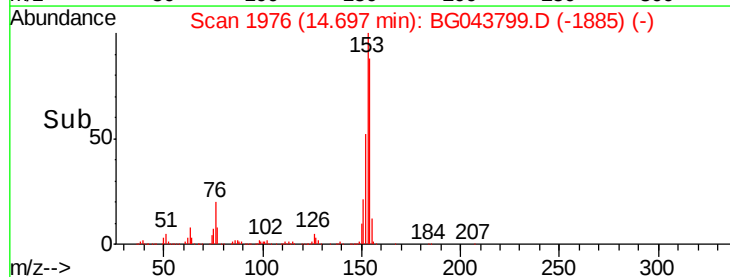
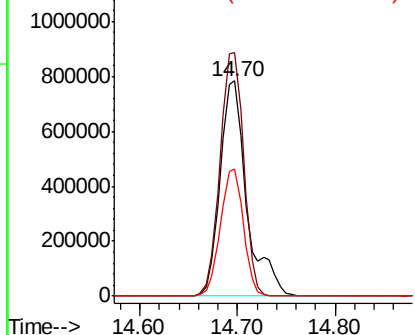


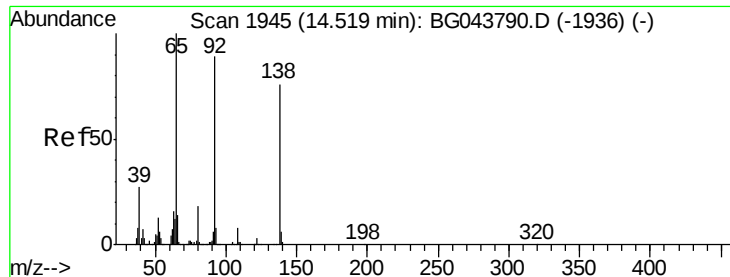
#52
 Acenaphthene
 Concen: 44.224 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: BG043799.D
 Acq: 11 Dec 2019 17:31

Tgt Ion:154 Resp: 1494531
 Ion Ratio Lower Upper
 154 100
 153 113.1 89.5 134.3
 152 59.1 45.0 67.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 35.460 ng

RT: 14.52 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

ClientSampleId :

PB125381BS

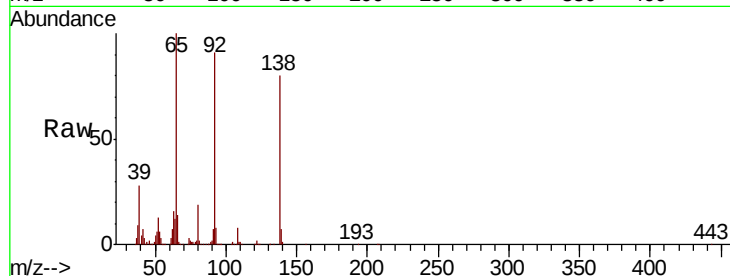
Tot Ion:138 Resp: 381910

Ion Ratio Lower Upper

138 100

108 10.1 8.1 12.1

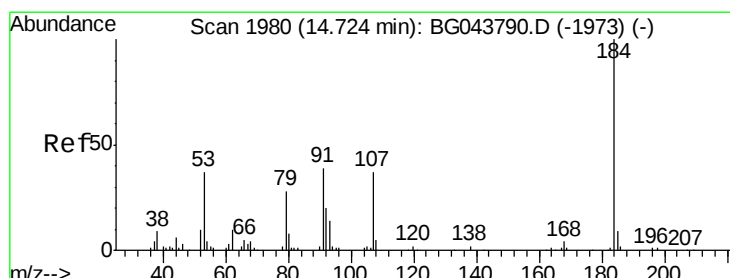
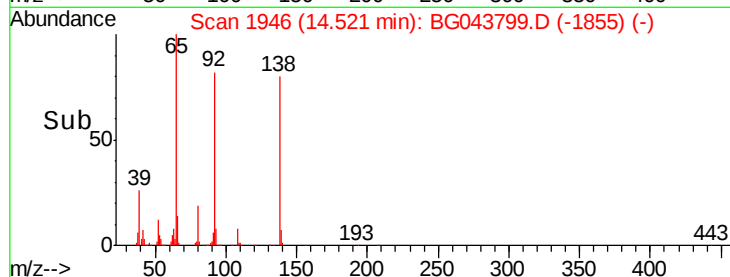
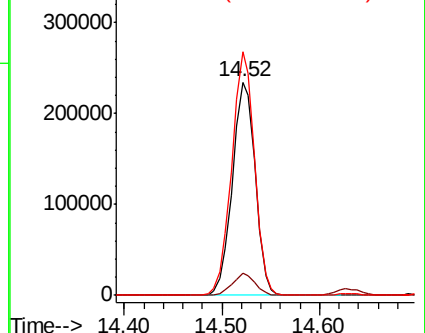
92 114.3 94.6 141.8



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: 91.435 ng

RT: 14.73 min Scan# 1982

Delta R.T. 0.01 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

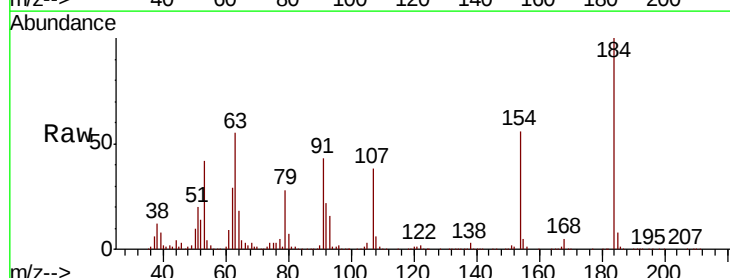
Tgt Ion:184 Resp: 373292

Ion Ratio Lower Upper

184 100

63 55.2 43.4 65.0

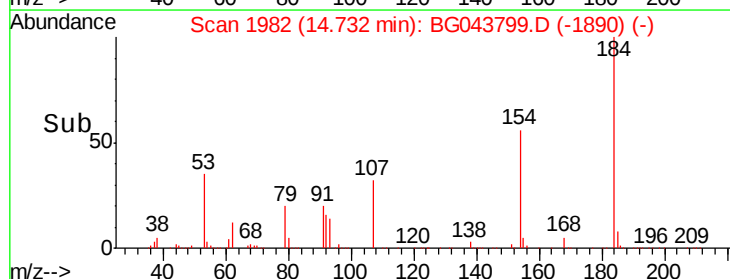
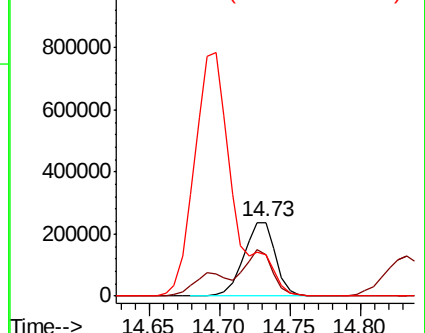
154 56.2 54.8 82.2

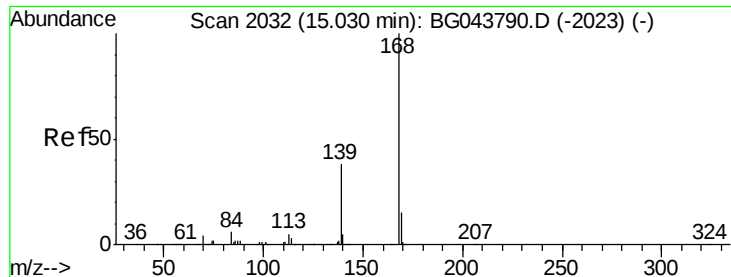


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 40.121 ng

RT: 15.03 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

ClientSampleId :

PB125381BS

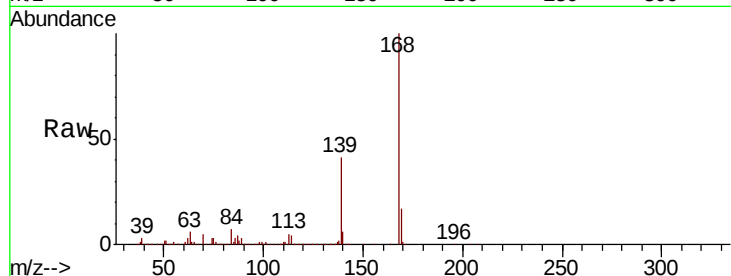
Tot Ion:168 Resp: 2007061

Ion Ratio Lower Upper

168 100

139 40.9 30.4 45.6

169 16.7 12.0 18.0

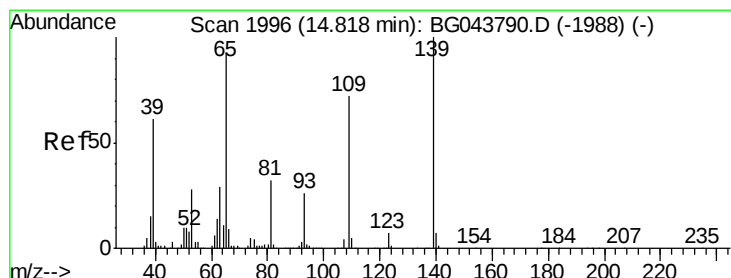
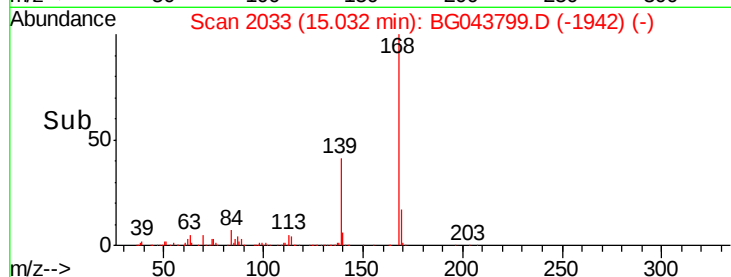
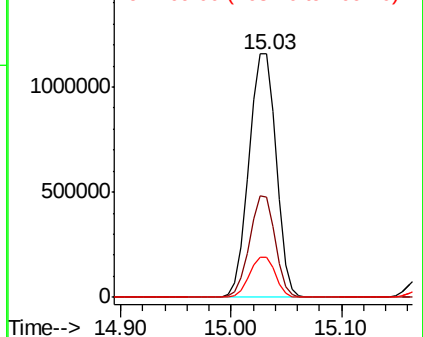


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 100.116 ng

RT: 14.83 min Scan# 1999

Delta R.T. 0.01 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

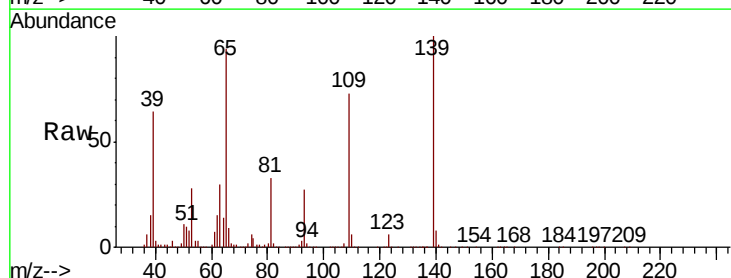
Tgt Ion:139 Resp: 786645

Ion Ratio Lower Upper

139 100

109 72.9 51.5 91.5

65 94.4 73.7 113.7

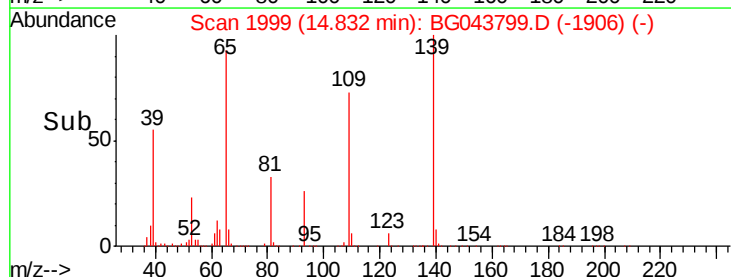
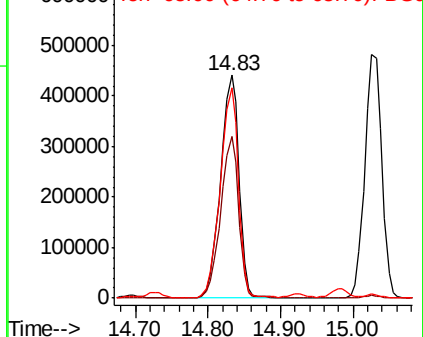


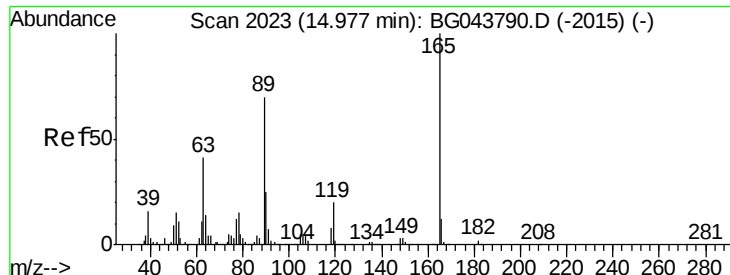
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

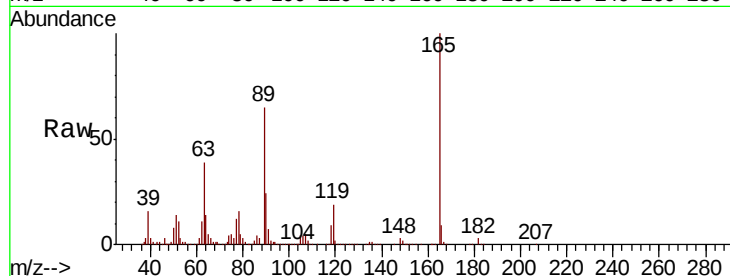




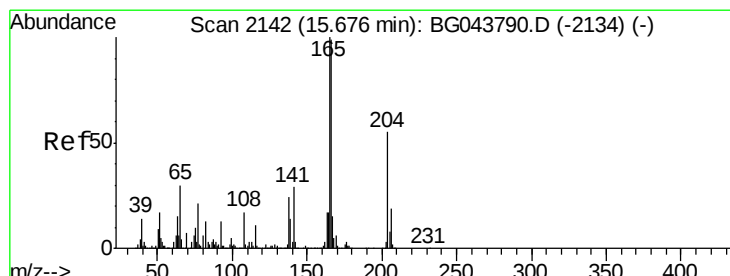
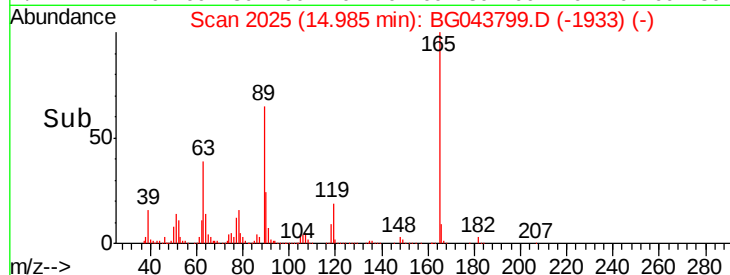
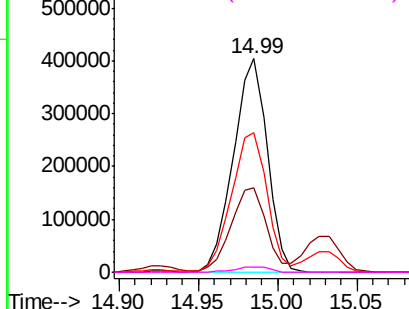
#57
2,4-Dinitrotoluene
Concen: 47.352 ng
RT: 14.99 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Instrument :
BNA_G
ClientSampleId :
PB125381BS

Tot Ion:165 Resp: 602179
Ion Ratio Lower Upper
165 100
63 39.3 32.7 49.1
89 65.4 56.1 84.1
182 2.7 2.0 3.0

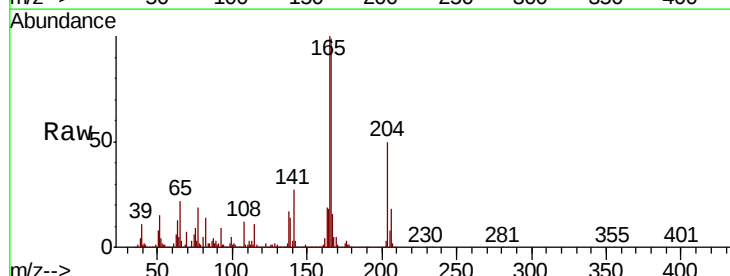


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

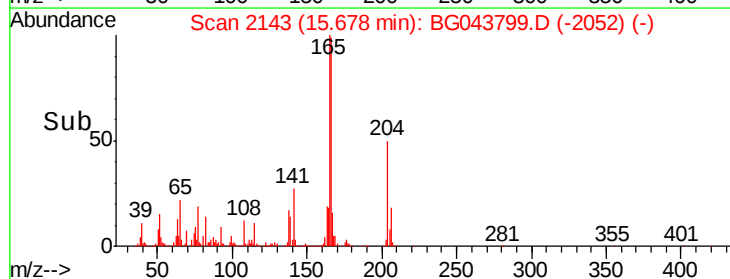
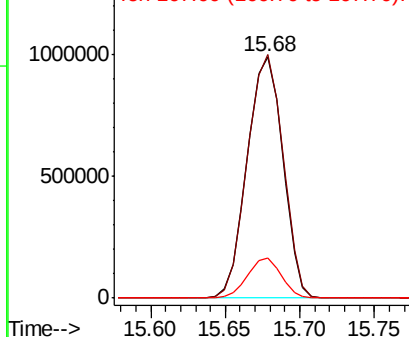


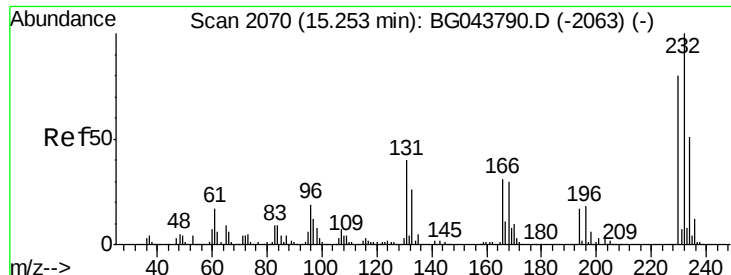
#58
Fluorene
Concen: 40.638 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion:166 Resp: 1638604
Ion Ratio Lower Upper
166 100
165 100.9 80.5 120.7
167 16.6 12.1 18.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

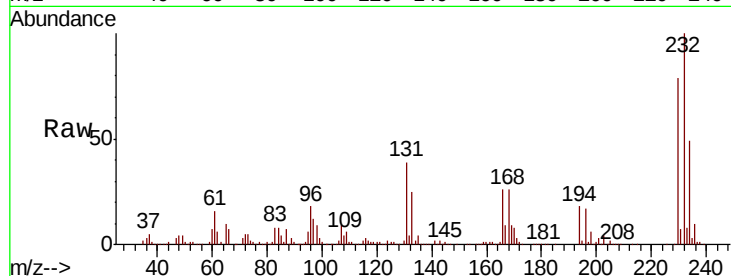




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.062 ng
 RT: 15.17 min Scan# 2056
 Delta R.T. -0.09 min
 Lab File: BG043799.D
 Acq: 11 Dec 2019 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB125381BS

Tot Ion:	232	Resp:	516982
Ion	Ratio	Lower	Upper
232	100		
131	37.2	27.9	41.9
130	2.3	1.8	2.8
166	25.6	19.4	29.2



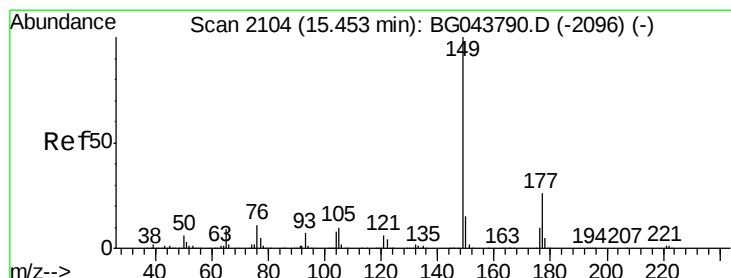
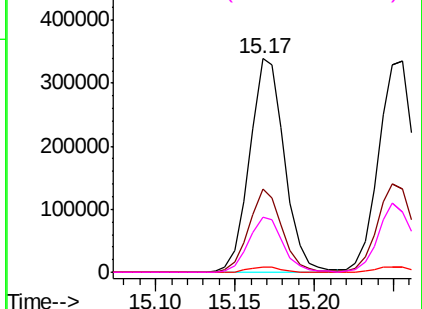
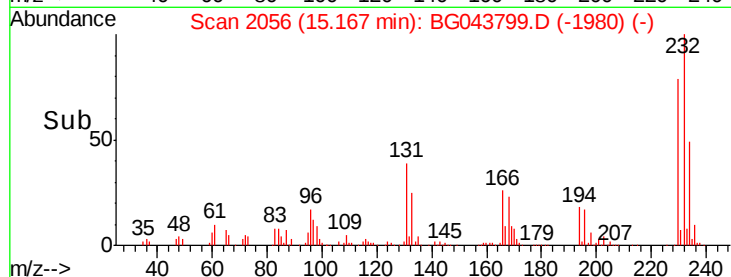
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

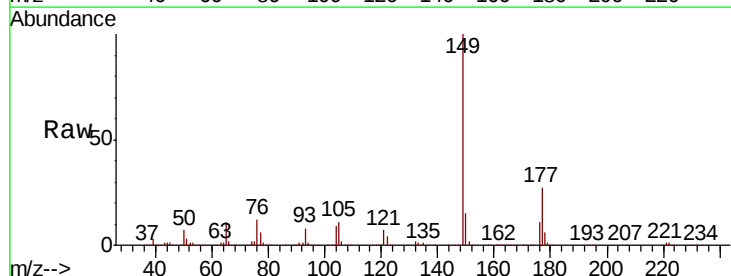
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.946 ng
 RT: 15.46 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG043799.D
 Acq: 11 Dec 2019 17:31

Tgt Ion:	149	Resp:	1786186
Ion	Ratio	Lower	Upper
149	100		
177	27.1	20.4	30.6
150	15.5	11.6	17.4

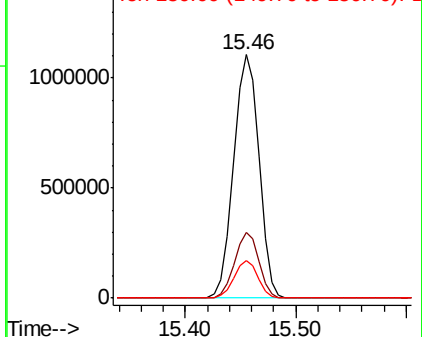
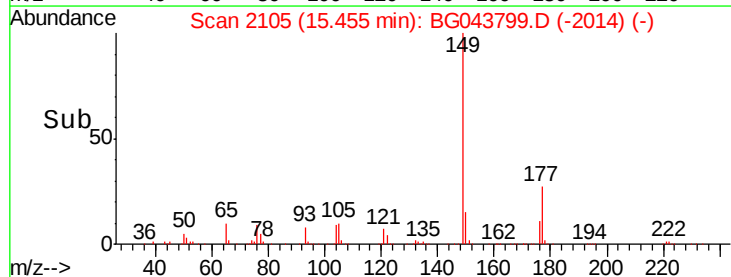


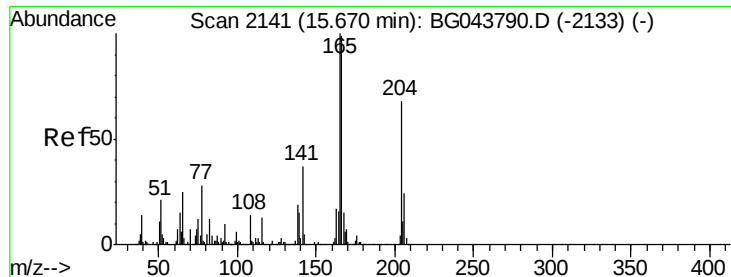
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

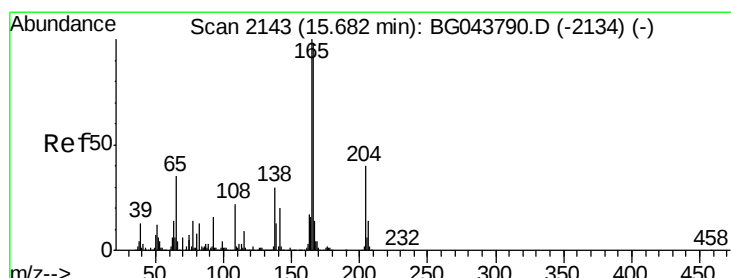
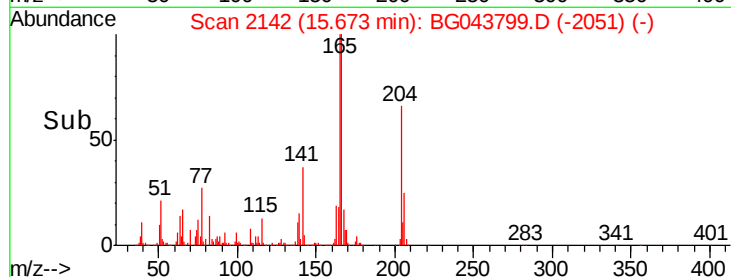
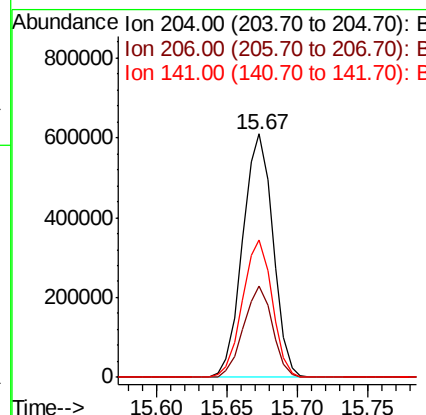
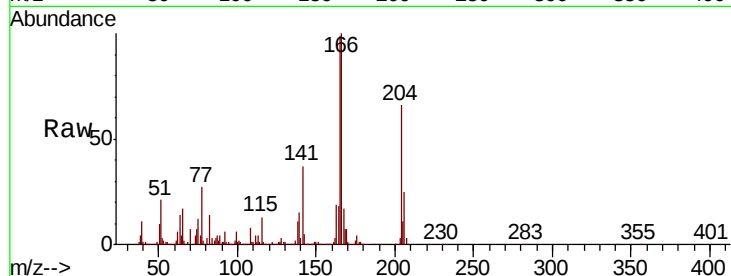




#61
4-Chlorophenyl-phenylether
Concen: 40.540 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

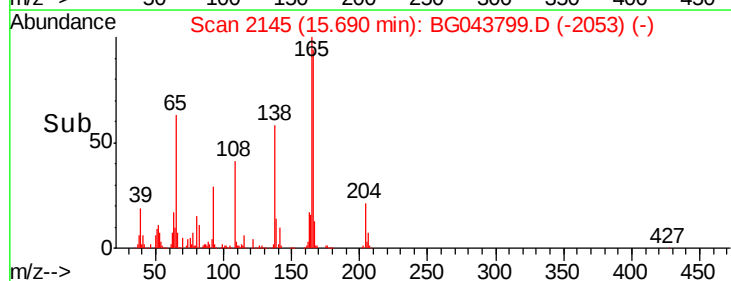
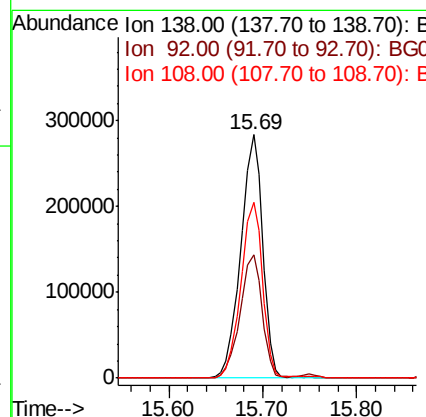
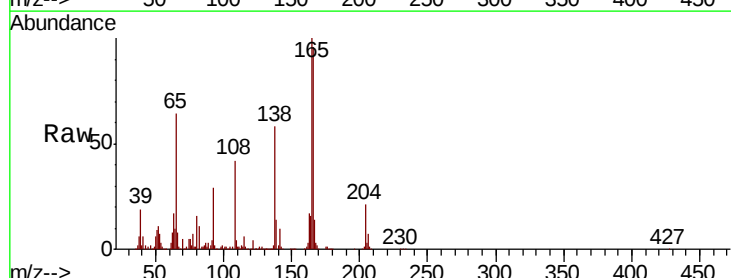
Instrument :
BNA_G
ClientSampleId :
PB125381BS

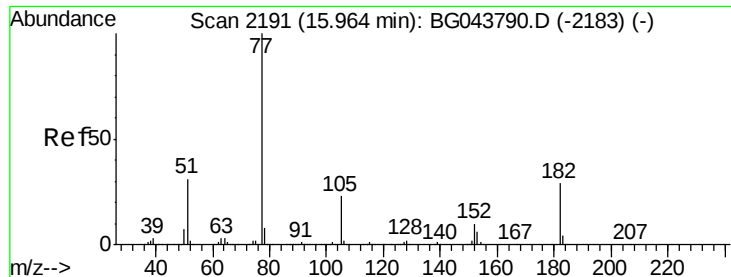
Tot Ion:204 Resp: 915466
Ion Ratio Lower Upper
204 100
206 37.3 28.1 42.1
141 56.3 44.1 66.1



#62
4-Nitroaniline
Concen: 41.369 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion:138 Resp: 461650
Ion Ratio Lower Upper
138 100
92 50.7 31.5 71.5
108 72.2 53.1 93.1

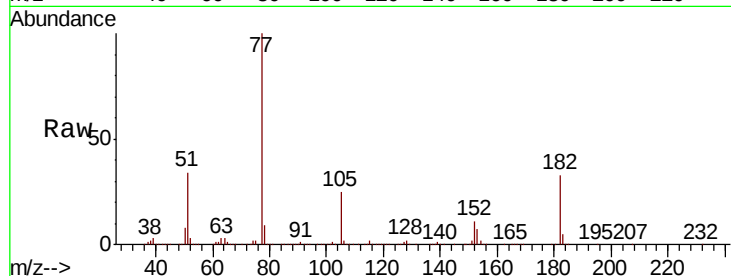




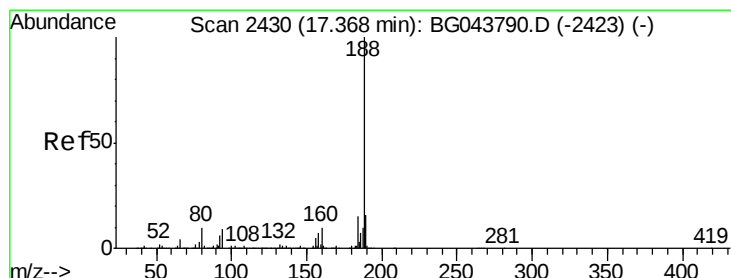
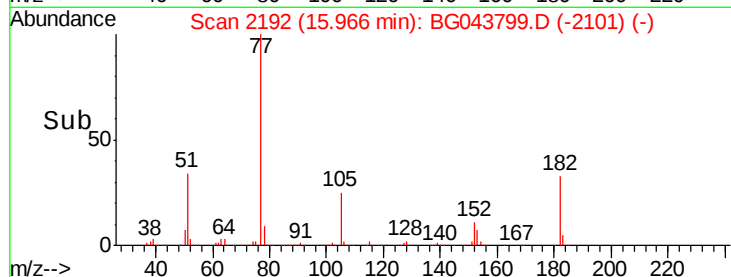
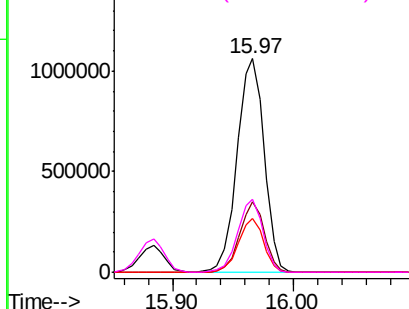
#63
Azobenzene
Concen: 41.282 ng
RT: 15.97 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Instrument :
BNA_G
ClientSampleId :
PB125381BS

Tot Ion: 77 Resp: 1654406
Ion Ratio Lower Upper
77 100
182 32.9 9.0 49.0
105 25.2 2.9 42.9
51 34.3 10.6 50.6

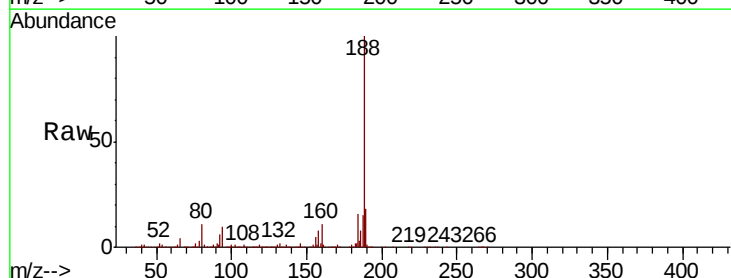


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

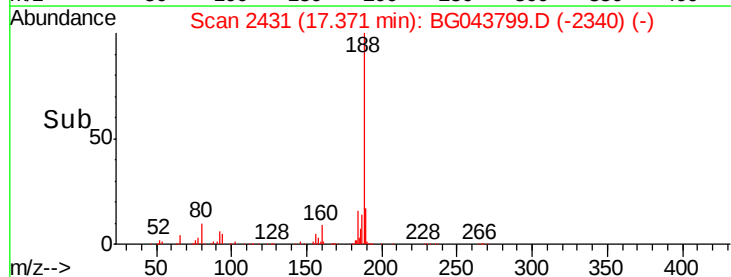
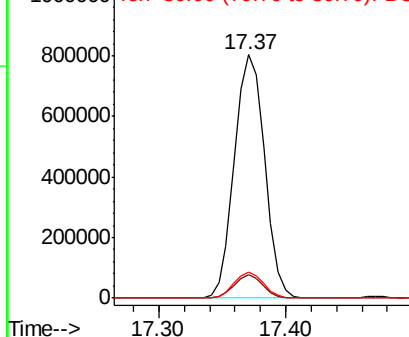


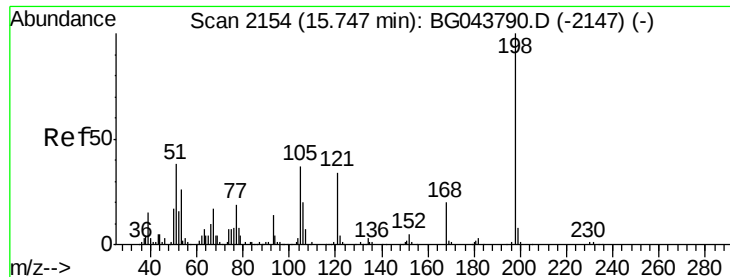
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion: 188 Resp: 1322574
Ion Ratio Lower Upper
188 100
94 9.6 6.9 10.3
80 10.7 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 53.015 ng

RT: 15.75 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

ClientSampleId :

PB125381BS

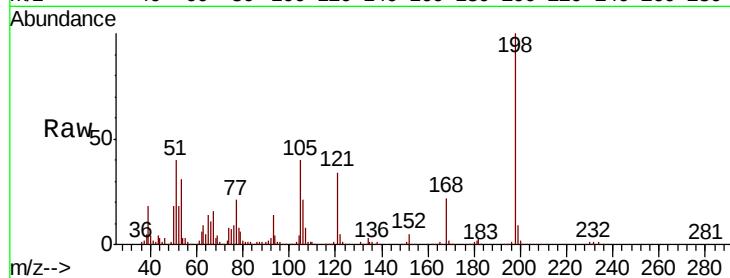
Tot Ion:198 Resp: 276833

Ion Ratio Lower Upper

198 100

51 39.8 18.9 58.9

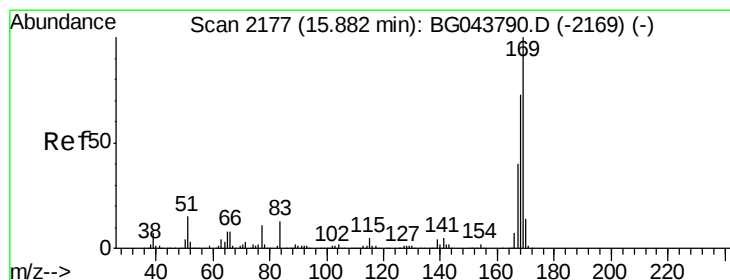
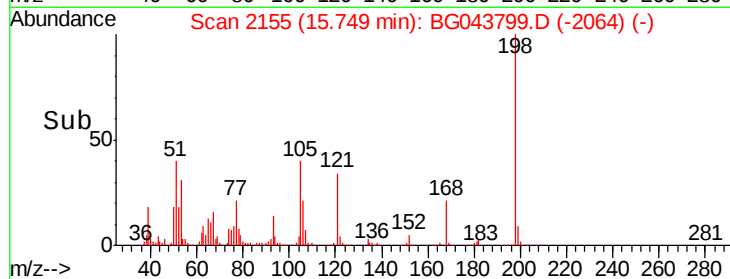
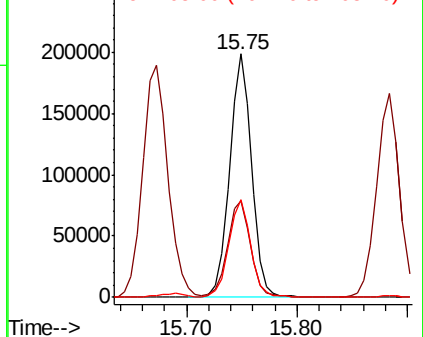
105 40.2 18.1 58.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.659 ng

RT: 15.88 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

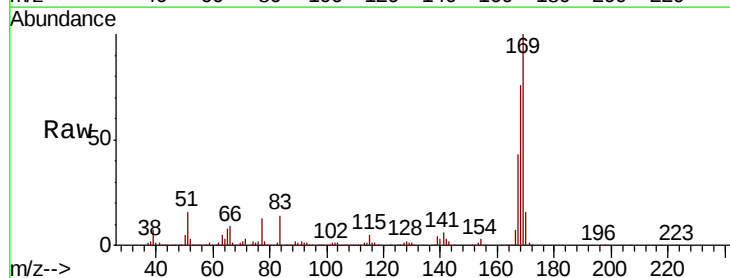
Tgt Ion:169 Resp: 1568109

Ion Ratio Lower Upper

169 100

168 75.7 58.5 87.7

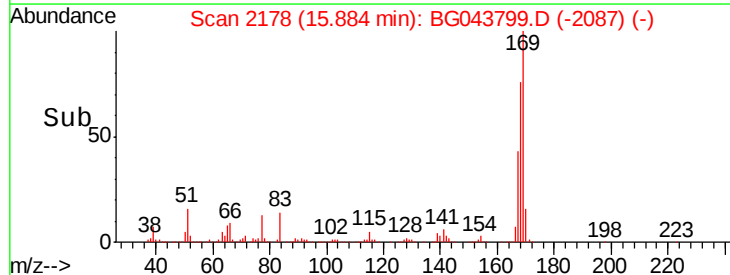
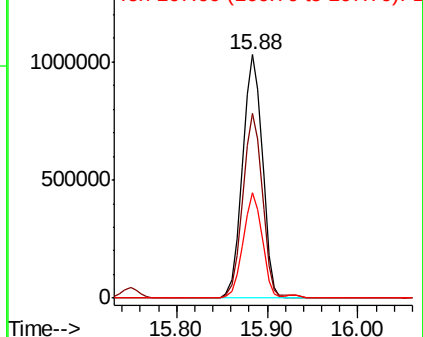
167 43.4 32.1 48.1

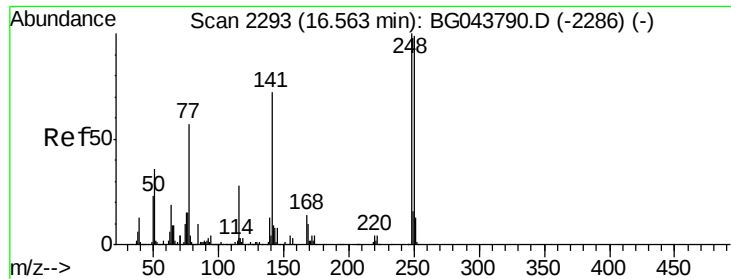


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

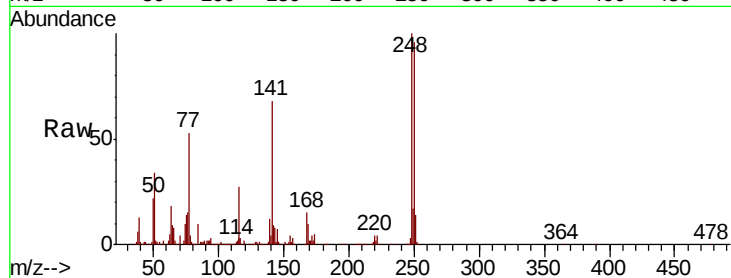




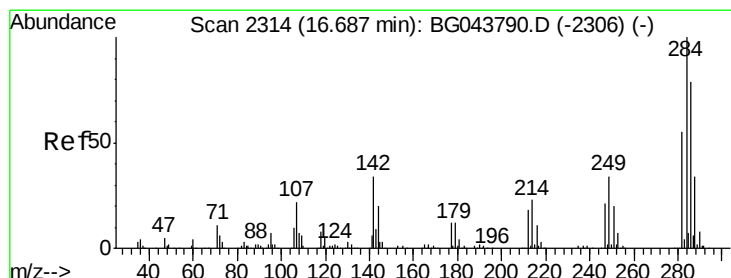
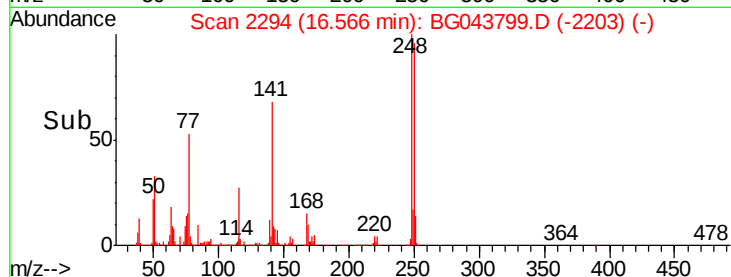
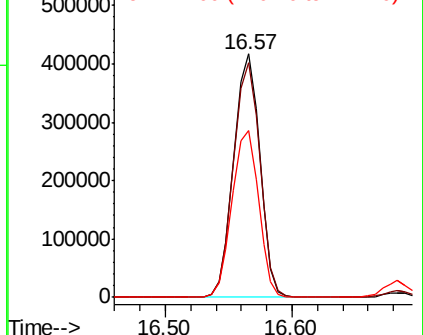
#67
4-Bromophenyl-phenylether
Concen: 42.069 ng
RT: 16.57 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Instrument :
BNA_G
ClientSampleId :
PB125381BS

Tot Ion:248 Resp: 594860
Ion Ratio Lower Upper
248 100
250 96.5 79.0 118.6
141 68.4 57.8 86.6

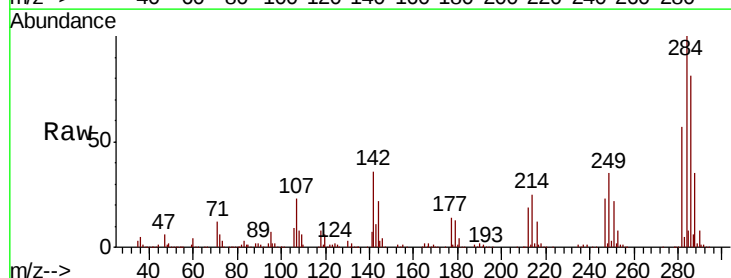


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

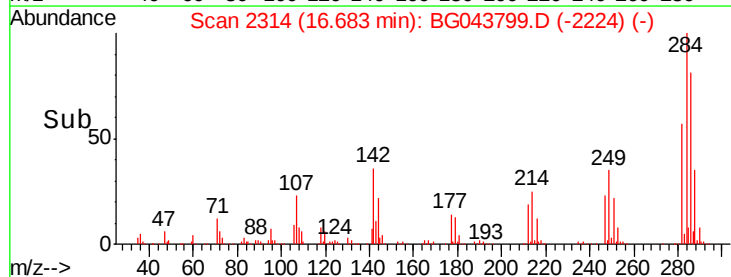
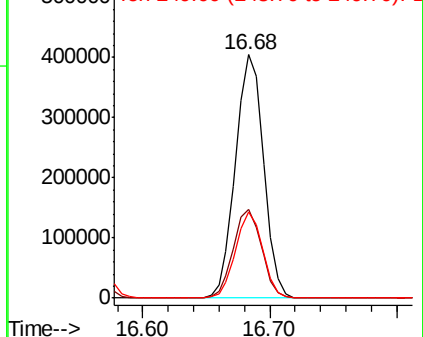


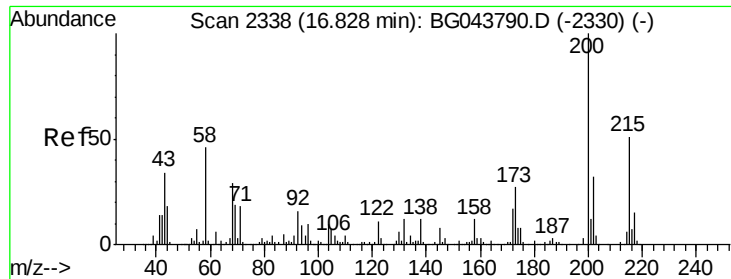
#68
Hexachlorobenzene
Concen: 41.258 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion:284 Resp: 618747
Ion Ratio Lower Upper
284 100
142 36.5 27.0 40.6
249 35.4 27.2 40.8



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: 52.745 ng

RT: 16.84 min Scan# 2340

Delta R.T. 0.01 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

ClientSampleId :

PB125381BS

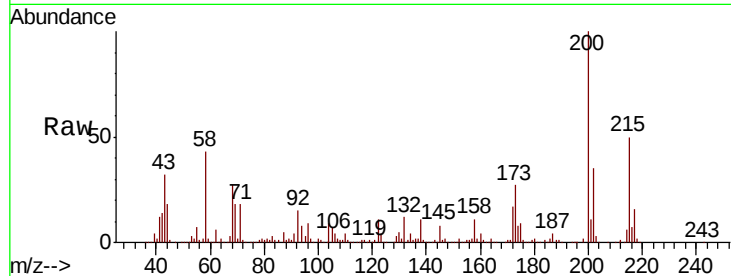
Tot Ion:200 Resp: 618104

Ion Ratio Lower Upper

200 100

173 27.0 7.4 47.4

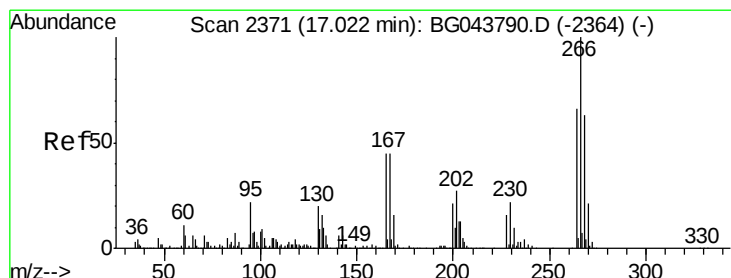
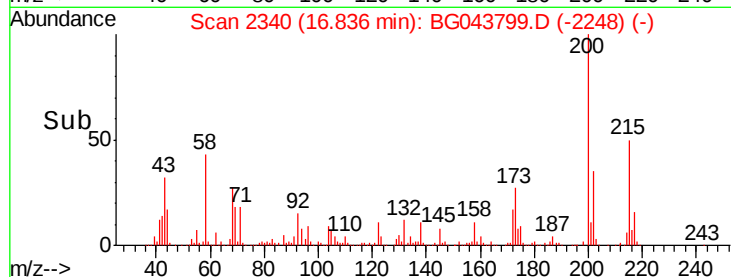
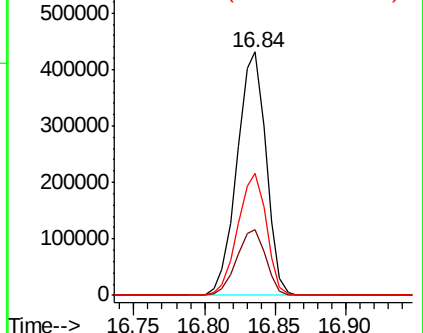
215 50.1 30.5 70.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 103.120 ng

RT: 17.02 min Scan# 2372

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

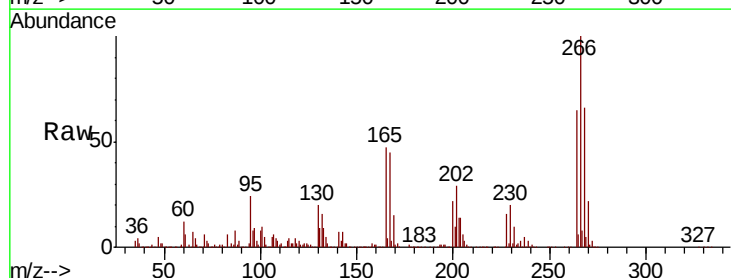
Tgt Ion:266 Resp: 822640

Ion Ratio Lower Upper

266 100

268 66.3 50.8 76.2

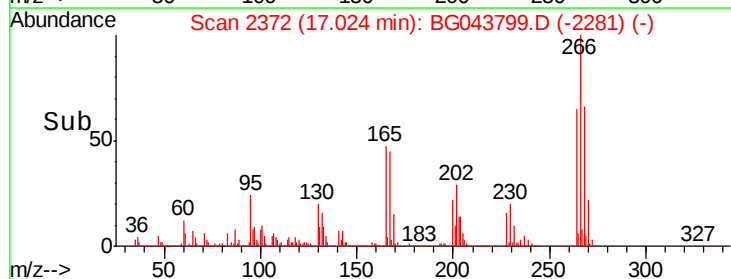
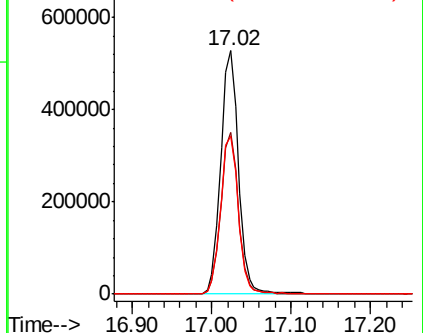
264 64.8 53.0 79.4

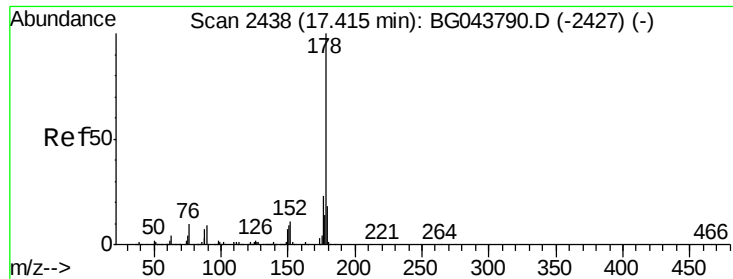


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.390 ng

RT: 17.42 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

ClientSampleId :

PB125381BS

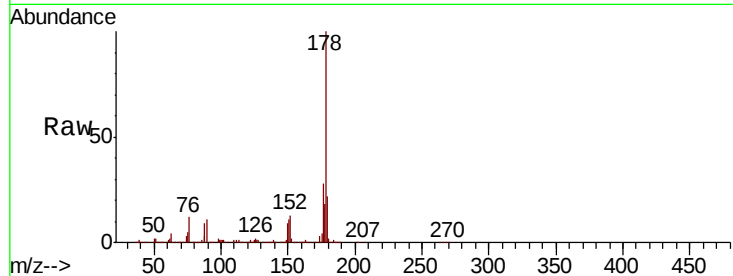
Tot Ion:178 Resp: 2528862

Ion Ratio Lower Upper

178 100

176 27.5 18.6 27.8

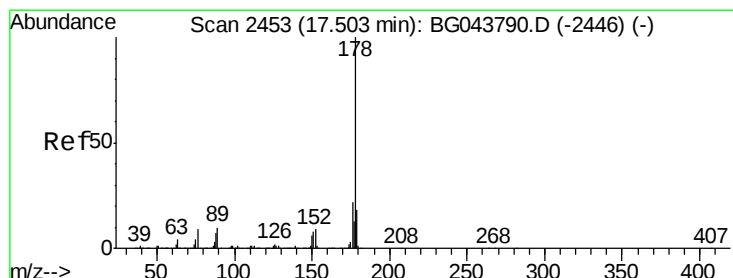
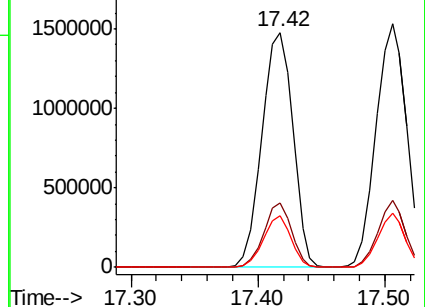
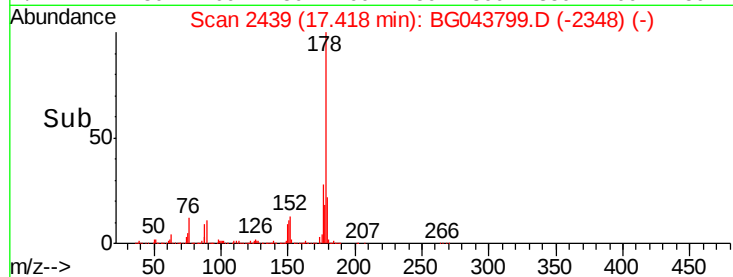
179 21.8 14.7 22.1



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: 41.444 ng

RT: 17.51 min Scan# 2454

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

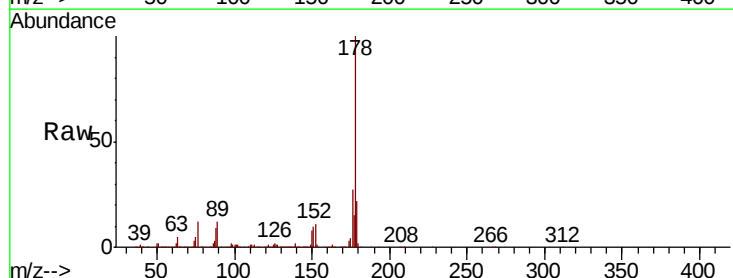
Tgt Ion:178 Resp: 2568617

Ion Ratio Lower Upper

178 100

176 27.5 17.7 26.5#

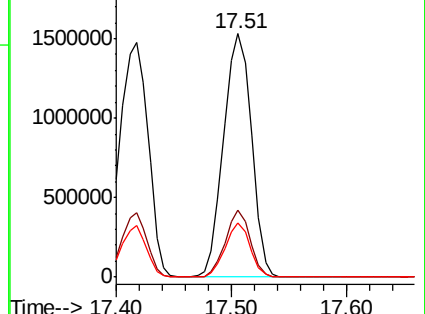
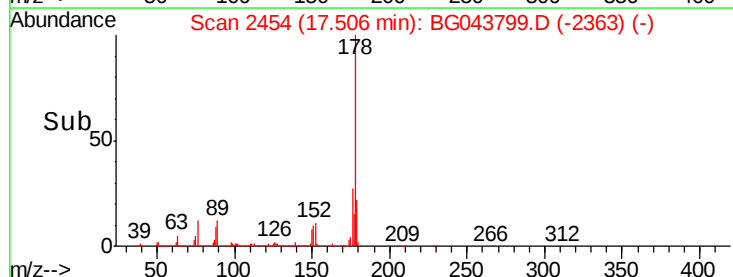
179 22.1 14.5 21.7#

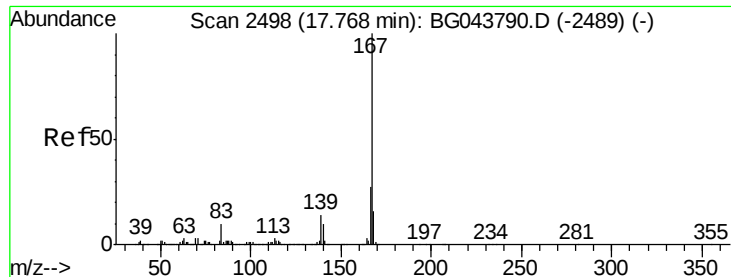


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

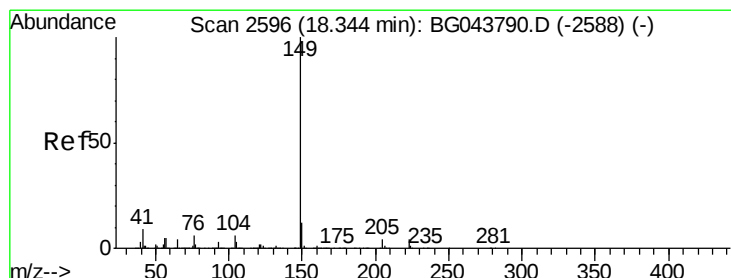
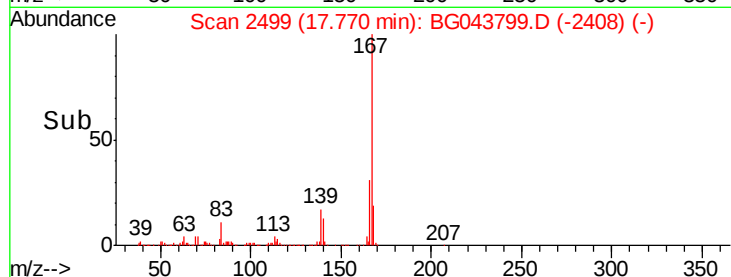
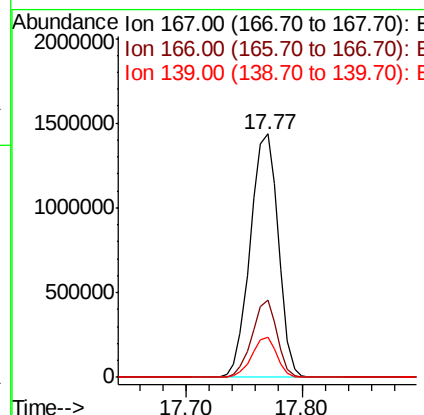
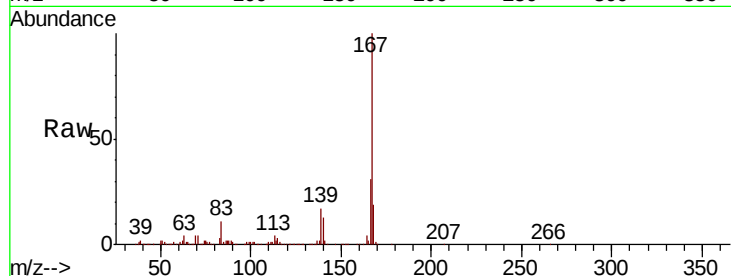




#73
 Carbazole
 Concen: 41.910 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: BG043799.D
 Acq: 11 Dec 2019 17:31

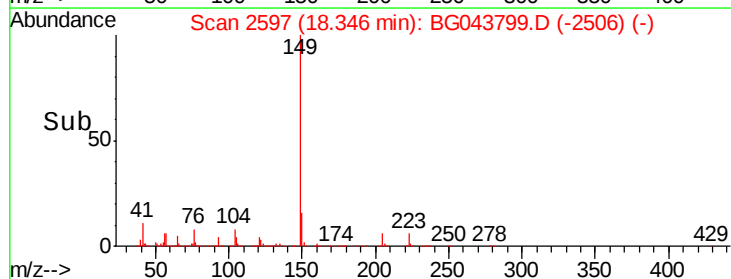
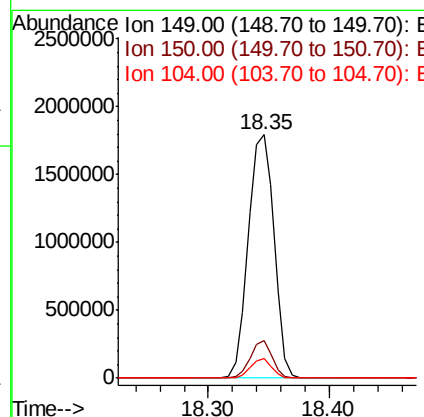
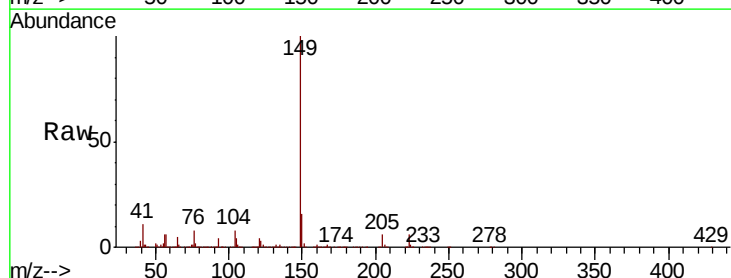
Instrument :
 BNA_G
 ClientSampleId :
 PB125381BS

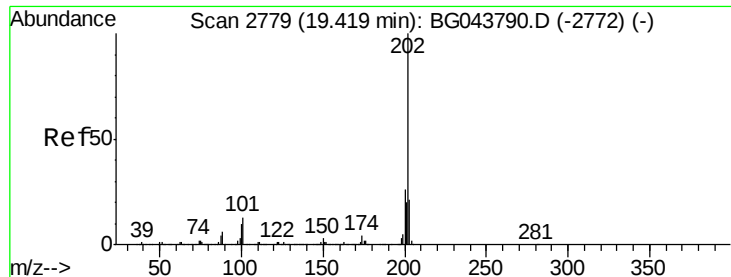
Tot Ion:167 Resp: 2428100
 Ion Ratio Lower Upper
 167 100
 166 31.5 21.4 32.2
 139 16.6 11.0 16.4#



#74
 Di-n-butylphthalate
 Concen: 40.335 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: BG043799.D
 Acq: 11 Dec 2019 17:31

Tgt Ion:149 Resp: 2678946
 Ion Ratio Lower Upper
 149 100
 150 15.6 9.4 14.0#
 104 8.1 4.8 7.2#

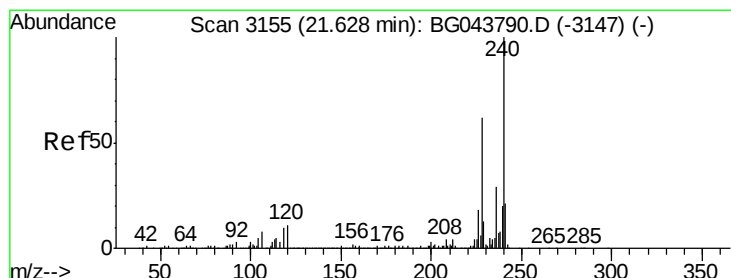
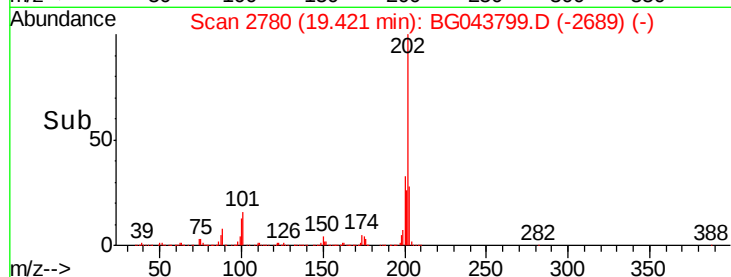
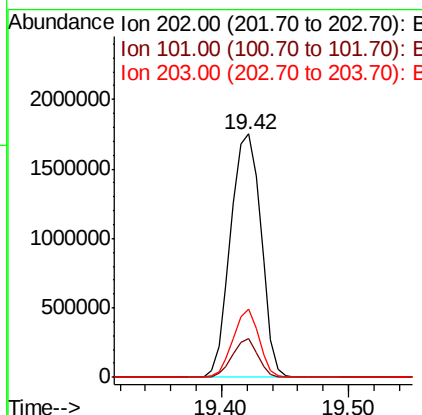
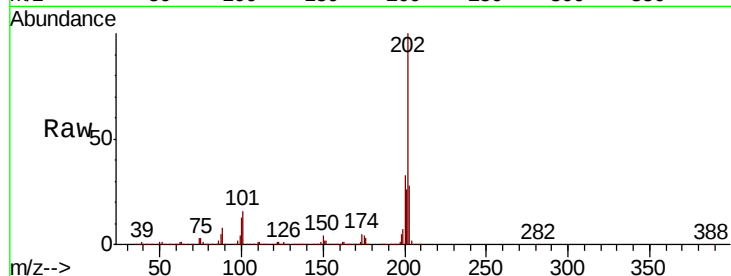




#75
 Fluoranthene
 Concen: 40.593 ng
 RT: 19.42 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: BG043799.D
 Acq: 11 Dec 2019 17:31

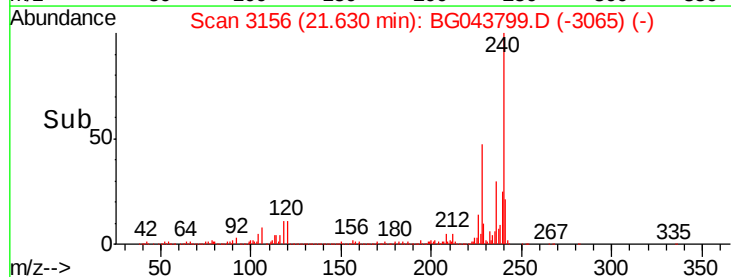
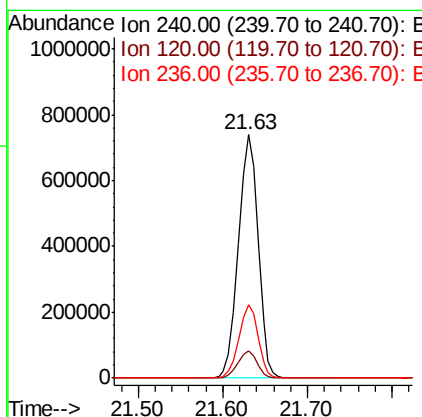
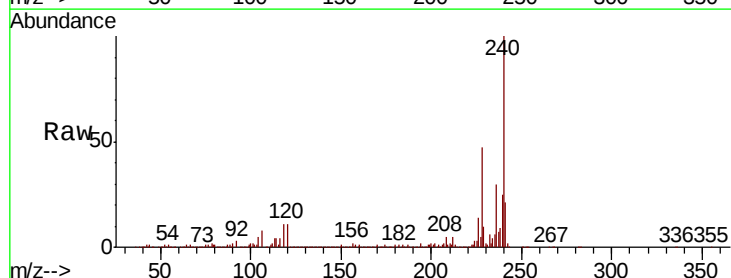
Instrument :
 BNA_G
 ClientSampleId :
 PB125381BS

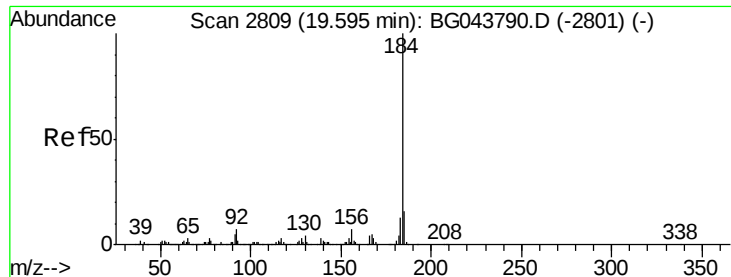
Tot Ion:202 Resp: 2908834
 Ion Ratio Lower Upper
 202 100
 101 15.8 0.0 32.7
 203 27.9 1.0 41.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. 0.00 min
 Lab File: BG043799.D
 Acq: 11 Dec 2019 17:31

Tgt Ion:240 Resp: 1181083
 Ion Ratio Lower Upper
 240 100
 120 11.2 8.6 12.8
 236 30.3 23.1 34.7





#77

Benzidine

Concen: 36.048 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

ClientSampleId :

PB125381BS

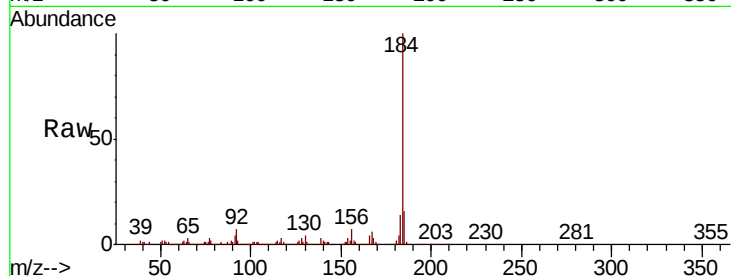
Tot Ion:184 Resp: 928846

Ion Ratio Lower Upper

184 100

185 16.3 12.9 19.3

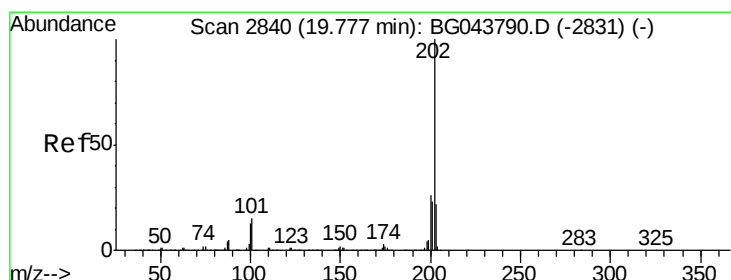
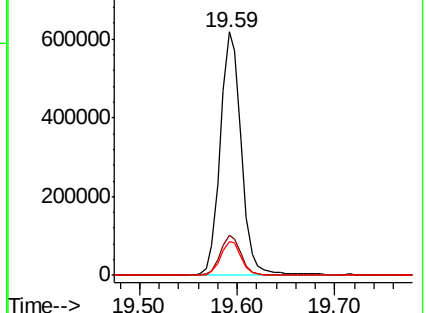
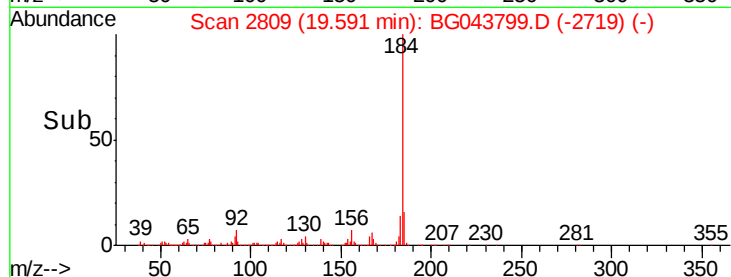
183 14.1 10.3 15.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.836 ng

RT: 19.78 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

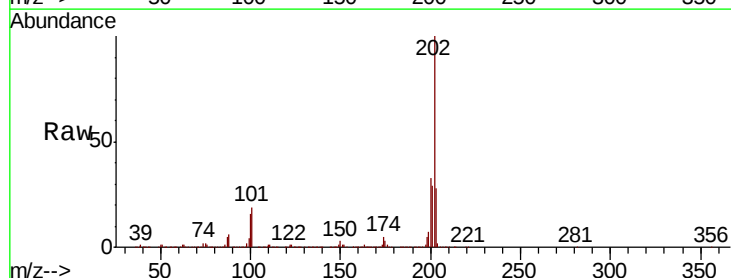
Tgt Ion:202 Resp: 2920383

Ion Ratio Lower Upper

202 100

200 33.4 20.8 31.2#

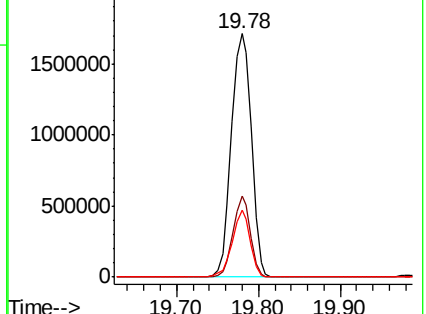
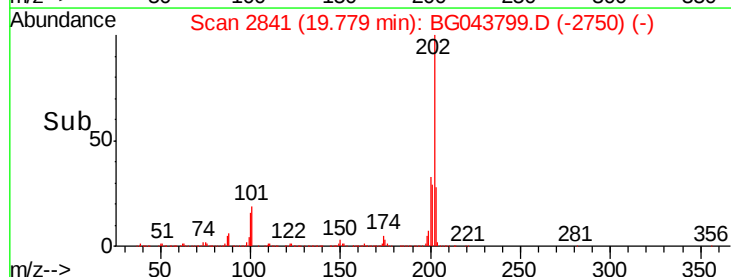
203 27.5 17.7 26.5#

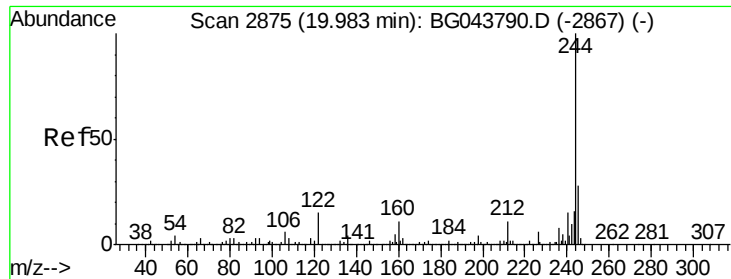


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 61.918 ng

RT: 19.99 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

ClientSampleId :

PB125381BS

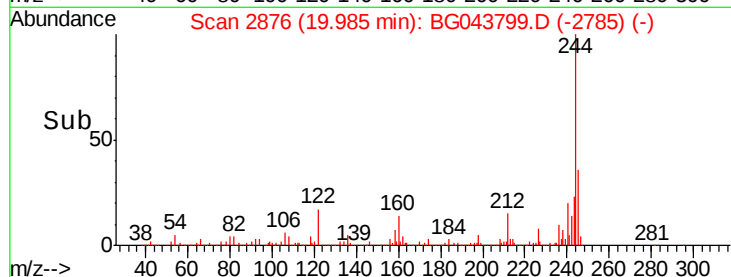
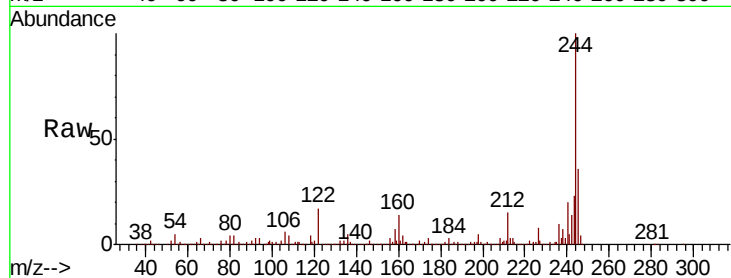
Tot Ion:244 Resp: 3039764

Ion Ratio Lower Upper

244 100

212 14.7 9.1 13.7#

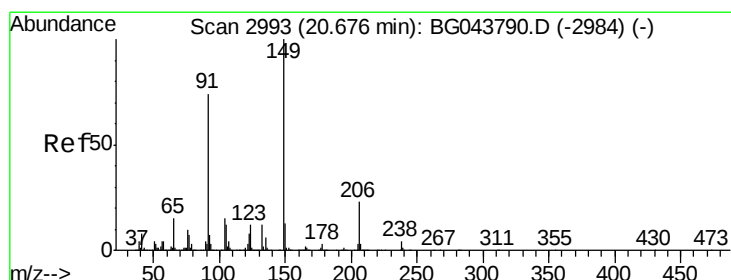
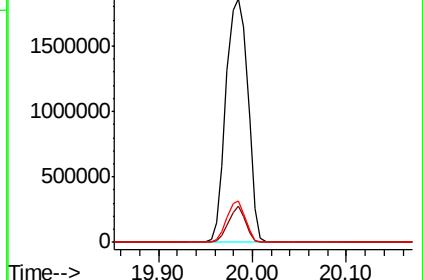
122 17.1 11.6 17.4



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: 43.340 ng

RT: 20.68 min Scan# 2994

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

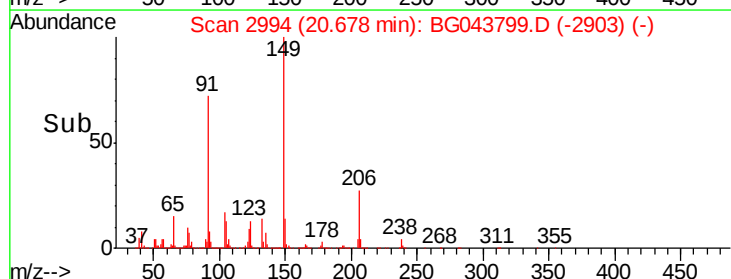
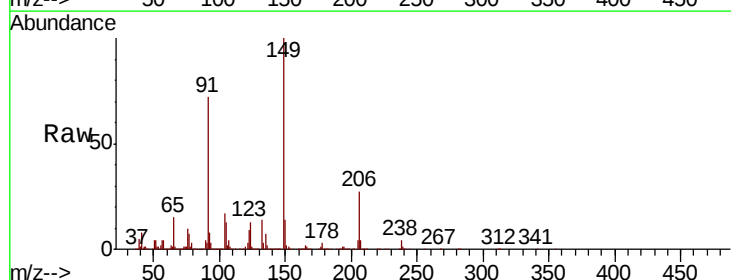
Tgt Ion:149 Resp: 1393228

Ion Ratio Lower Upper

149 100

91 72.5 59.0 88.4

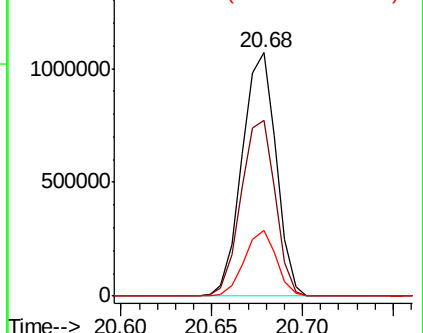
206 27.0 18.6 28.0

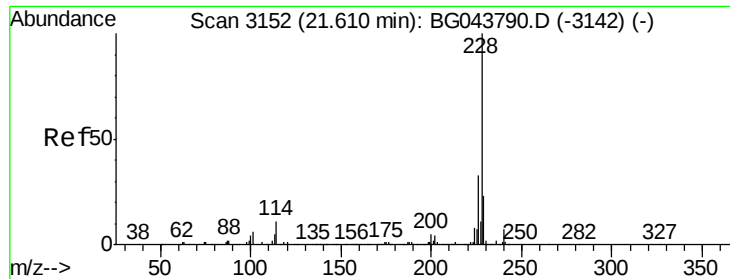


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.219 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

ClientSampleId :

PB125381BS

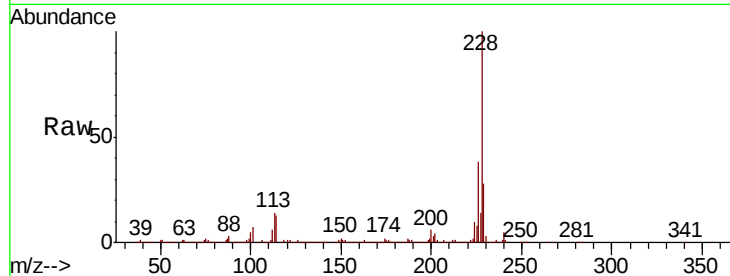
Tot Ion:228 Resp: 2923525

Ion Ratio Lower Upper

228 100

226 38.4 26.1 39.1

229 27.5 18.6 27.8

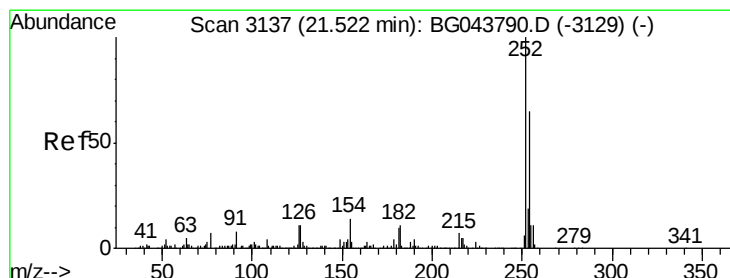
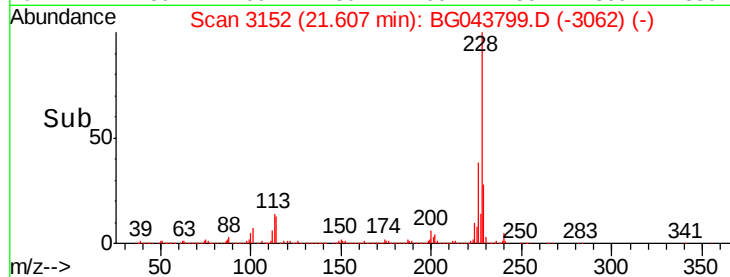
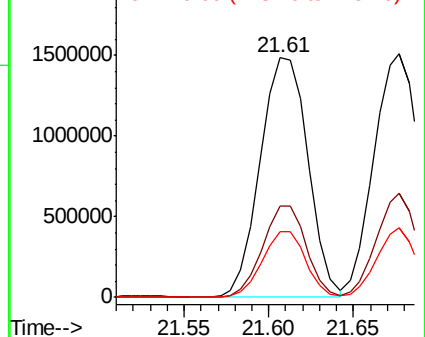


Abundance

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: 42.246 ng

RT: 21.52 min Scan# 3138

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

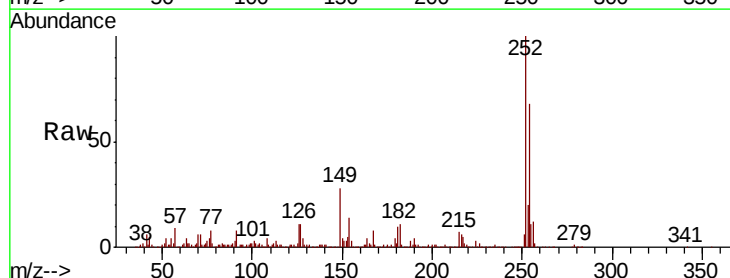
Tgt Ion:252 Resp: 1163329

Ion Ratio Lower Upper

252 100

254 67.9 52.2 78.2

126 10.9 8.7 13.1

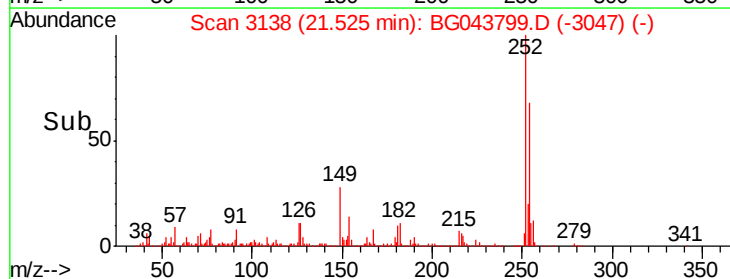
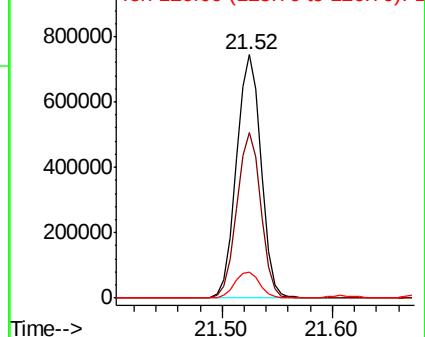


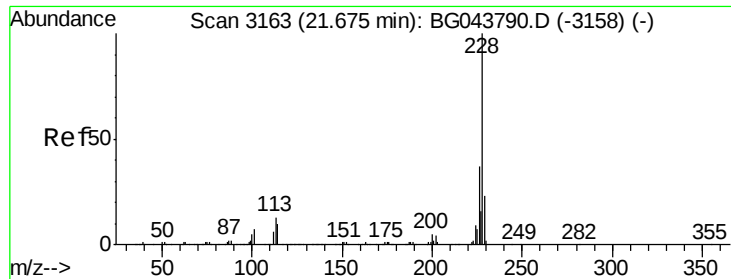
Abundance

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: 41.165 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.07 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

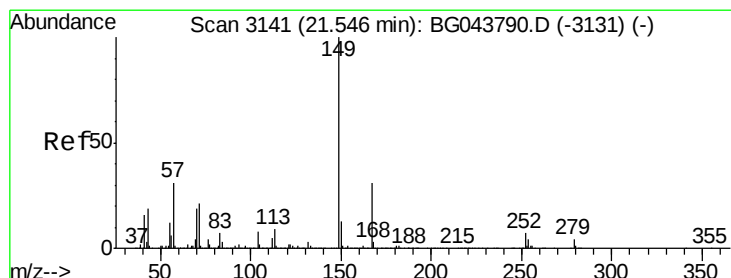
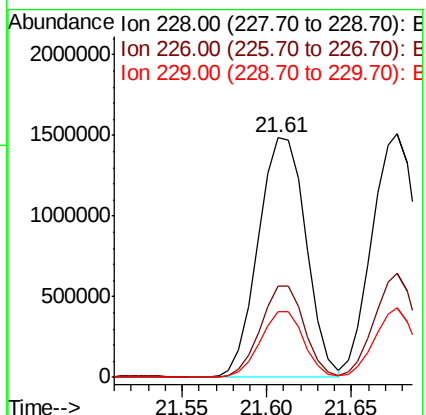
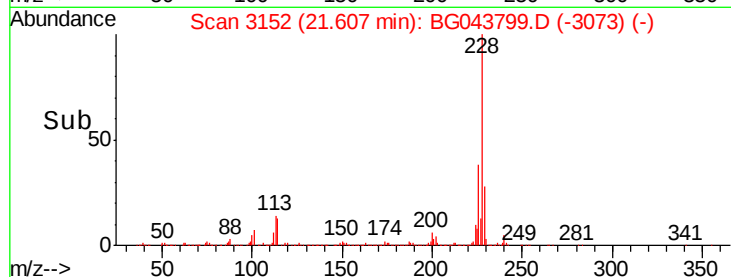
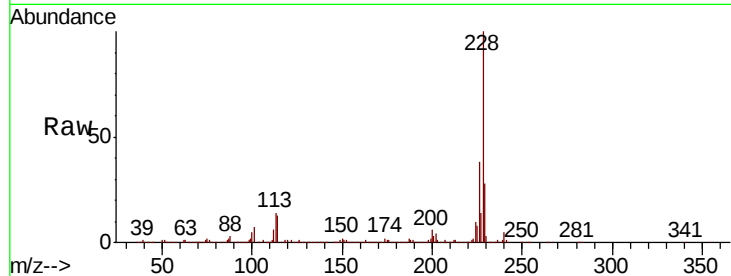
BNA_G

ClientSampleId :

PB125381BS

Tot Ion:228 Resp: 2923525

Ion	Ratio	Lower	Upper
228	100		
226	38.4	29.1	43.7
229	27.5	18.6	28.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.132 ng

RT: 21.54 min Scan# 3141

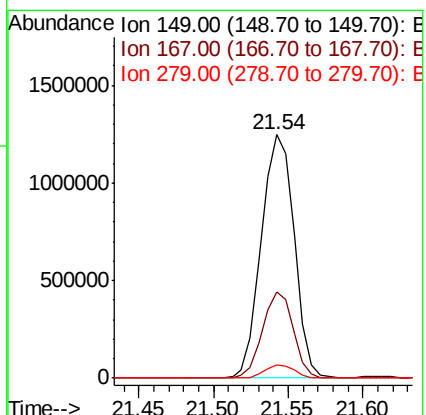
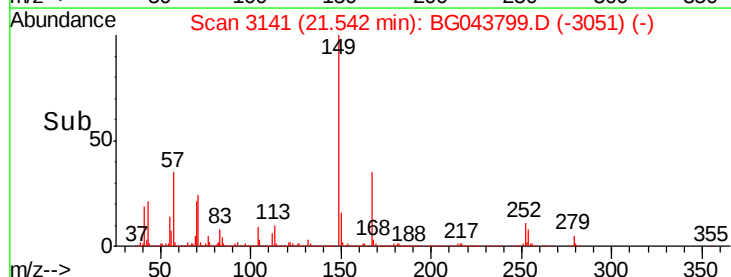
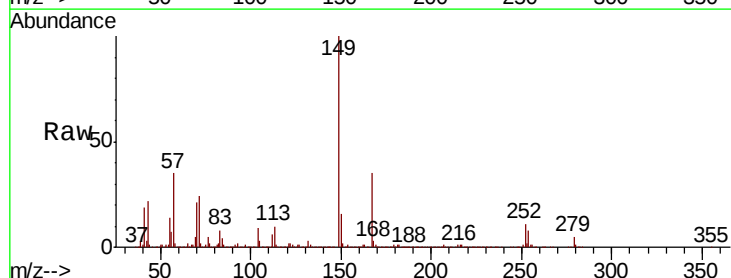
Delta R.T. -0.00 min

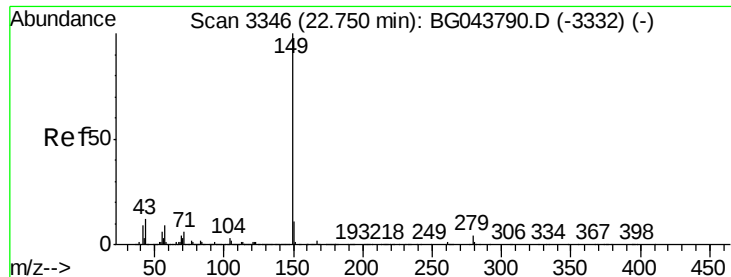
Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Tgt Ion:149 Resp: 1896548

Ion	Ratio	Lower	Upper
149	100		
167	35.2	25.1	37.7
279	5.3	3.5	5.3#





#85

Di-n-octyl phthalate

Concen: 42.916 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

ClientSampleId :

PB125381BS

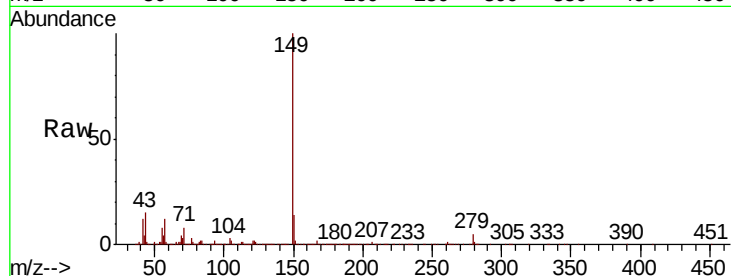
Tot Ion:149 Resp: 3235023

Ion Ratio Lower Upper

149 100

167 2.1 1.4 2.2

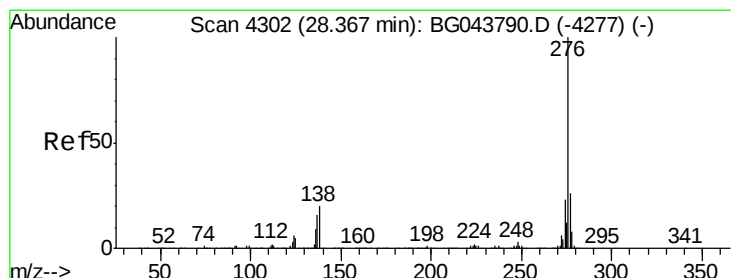
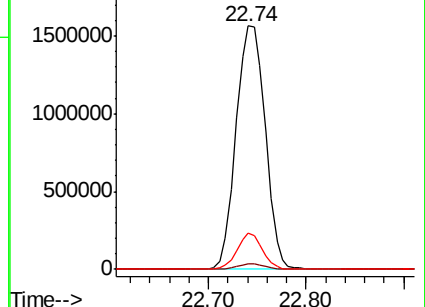
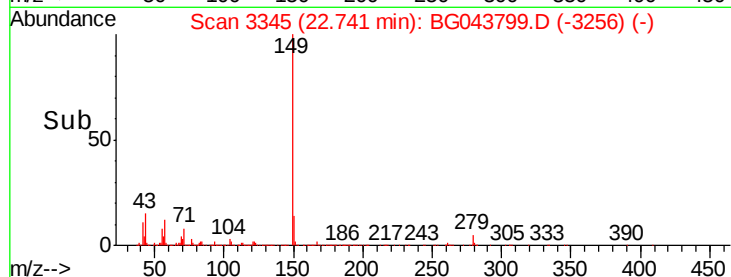
43 12.8 8.8 13.2



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: 42.541 ng

RT: 28.38 min Scan# 4304

Delta R.T. 0.01 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

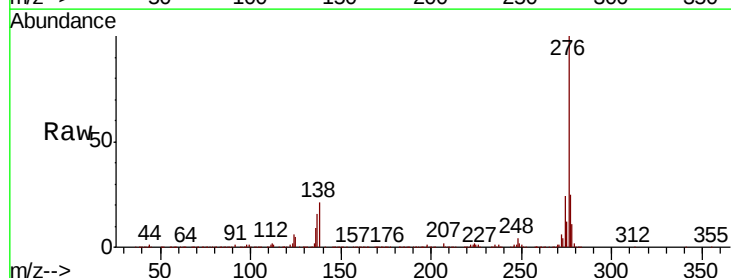
Tgt Ion:276 Resp: 3867005

Ion Ratio Lower Upper

276 100

138 16.9 14.6 21.8

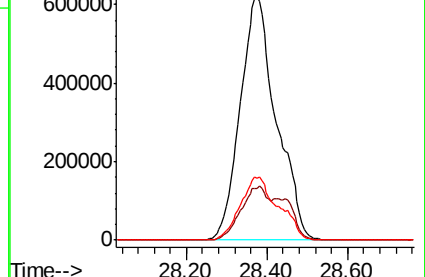
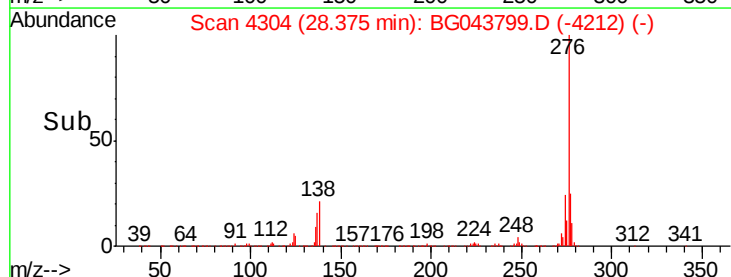
277 27.4 21.2 31.8

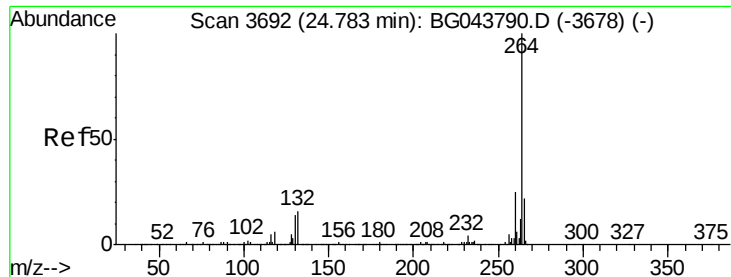


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

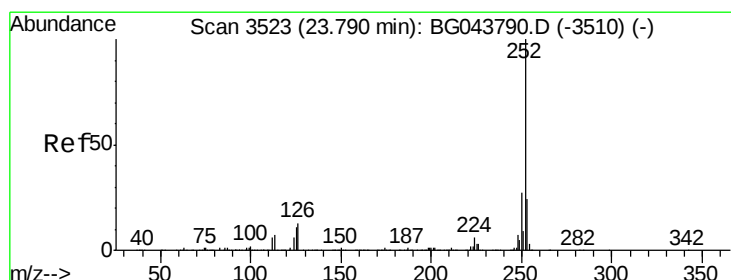
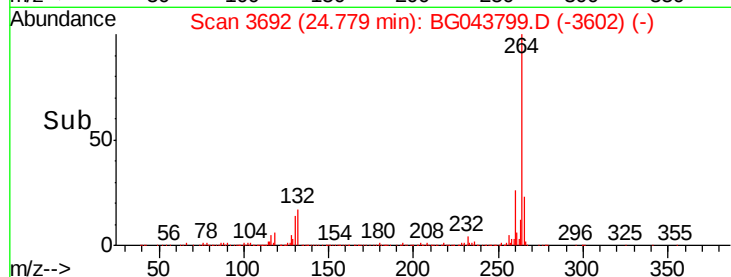
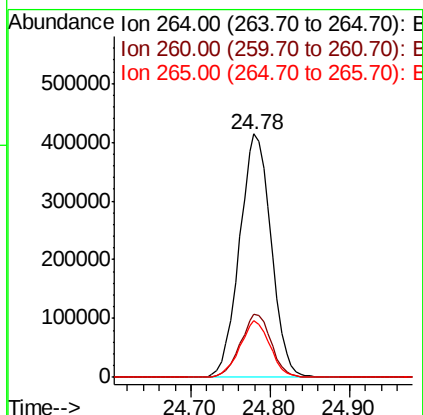
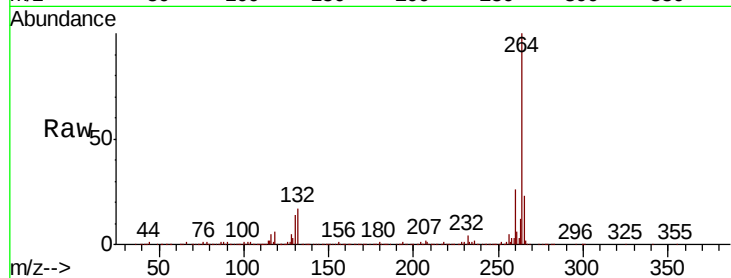




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

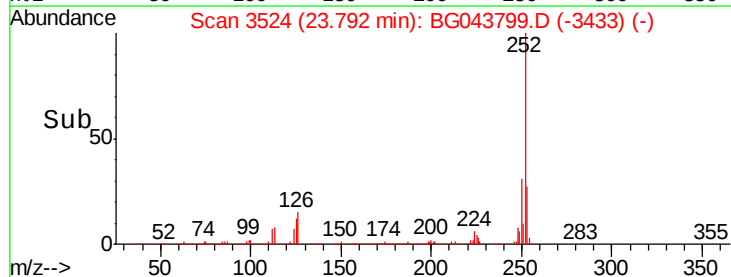
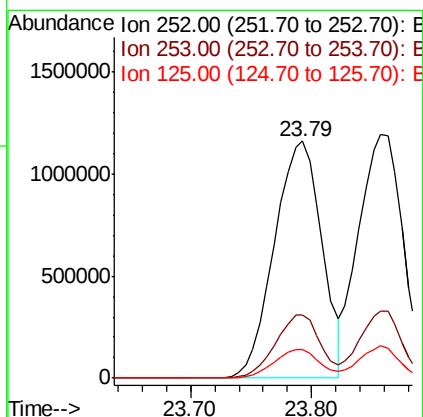
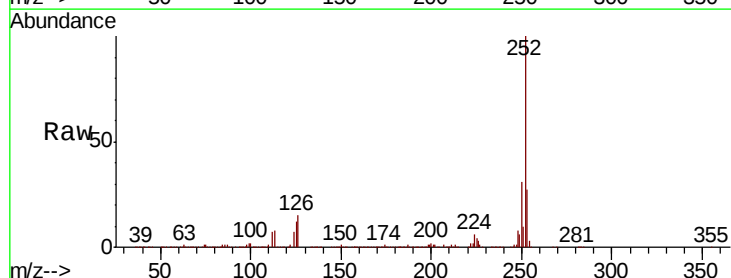
Instrument :
BNA_G
ClientSampleId :
PB125381BS

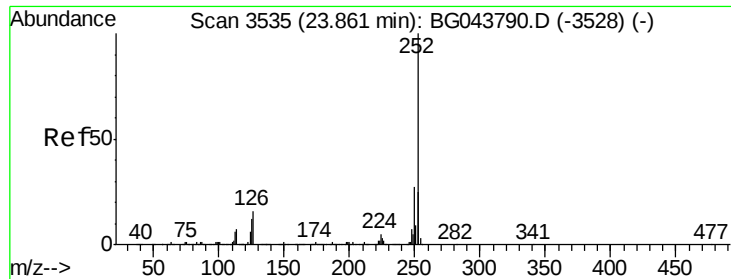
Tot Ion:264 Resp: 1144814
Ion Ratio Lower Upper
264 100
260 25.8 19.8 29.8
265 23.5 17.9 26.9



#88
Benzo(b)fluoranthene
Concen: 47.985 ng
RT: 23.79 min Scan# 3524
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion:252 Resp: 3162848
Ion Ratio Lower Upper
252 100
253 26.7 19.5 29.3
125 12.1 9.0 13.4





#89

Benzo(k)fluoranthene

Concen: 47.808 ng

RT: 23.86 min Scan# 3535

Delta R.T. -0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

ClientSampleId :

PB125381BS

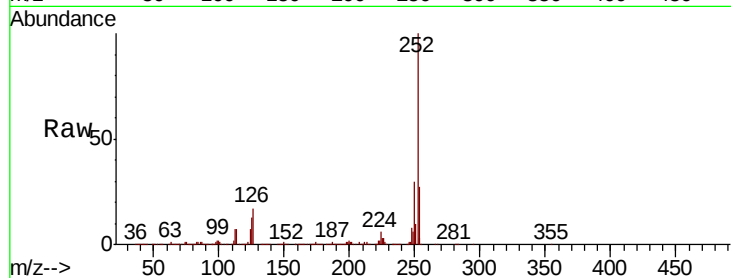
Tot Ion:252 Resp: 3044082

Ion Ratio Lower Upper

252 100

253 27.4 19.4 29.0

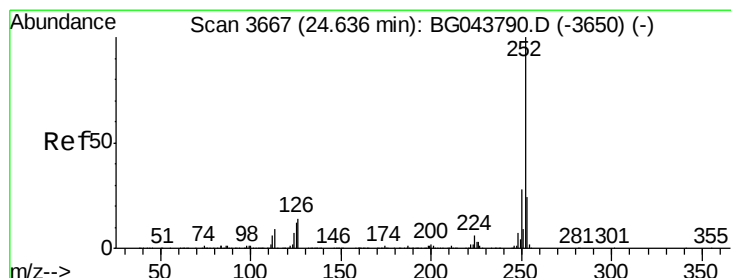
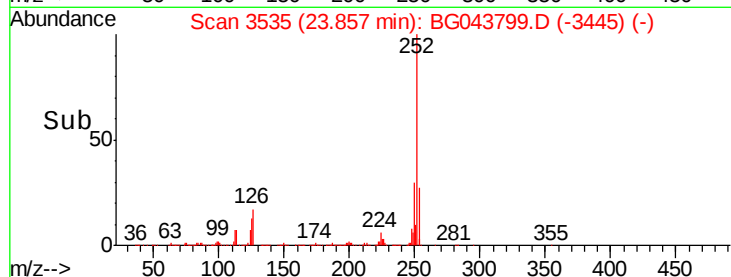
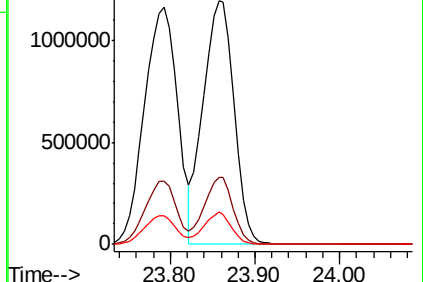
125 13.1 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.082 ng

RT: 24.64 min Scan# 3668

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

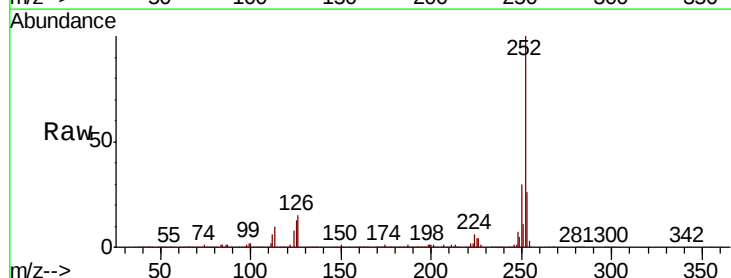
Tgt Ion:252 Resp: 2957485

Ion Ratio Lower Upper

252 100

253 25.5 19.1 28.7

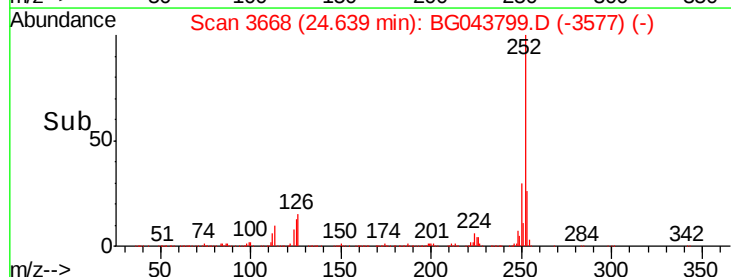
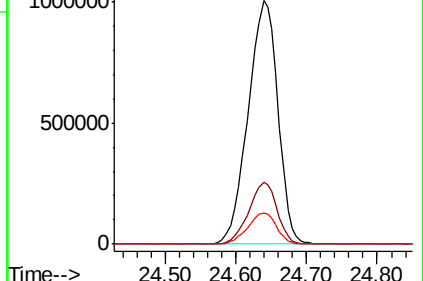
125 12.9 9.4 14.0

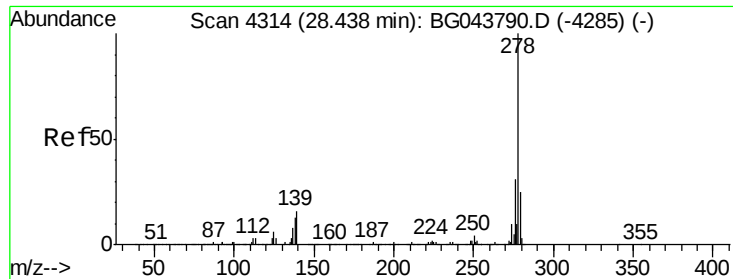


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 50.458 ng

RT: 28.45 min Scan# 4316

Delta R.T. 0.01 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

ClientSampleId :

PB125381BS

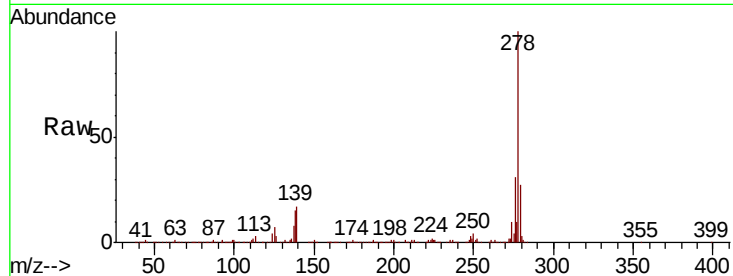
Tot Ion:278 Resp: 3165859

Ion Ratio Lower Upper

278 100

139 17.3 13.2 19.8

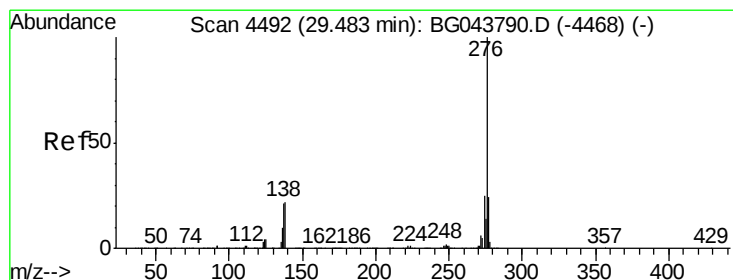
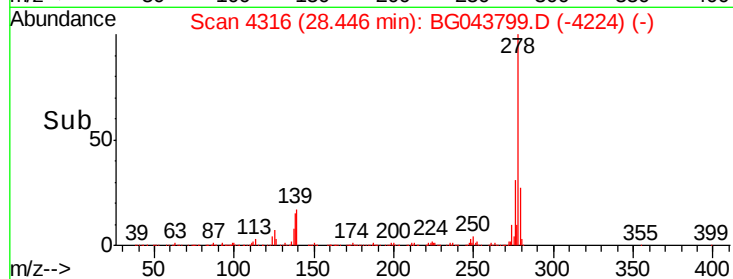
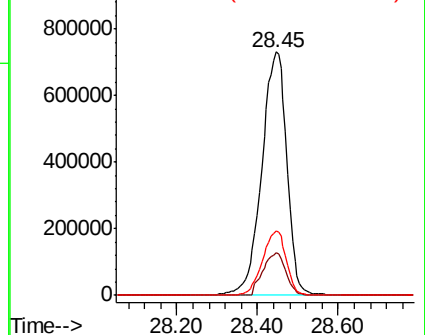
279 26.7 19.8 29.6



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: 51.734 ng

RT: 29.50 min Scan# 4496

Delta R.T. 0.02 min

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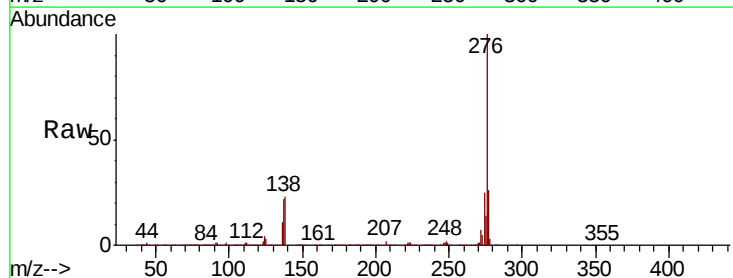
Tgt Ion:276 Resp: 3203110

Ion Ratio Lower Upper

276 100

277 25.8 19.3 28.9

138 23.1 17.6 26.4



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

