

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120919\
 Data File : BG043795.D
 Acq On : 9 Dec 2019 18:07
 Operator : JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 10 01:14:13 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	127420	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	554164	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	392289	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	878797	20.00	ng	0.00
76) Chrysene-d12	21.64	240	725938	20.00	ng	0.00
87) Perylene-d12	24.79	264	825335	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	550657	81.88	ng	0.00
7) Phenol-d6	7.16	99	780871	80.51	ng	0.00
23) Nitrobenzene-d5	9.16	82	791557	80.20	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	306852	82.05	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1769438	79.23	ng	0.00
79) Terphenyl-d14	19.99	244	2459916	81.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	123992	39.815	ng	99
3) Pyridine	3.88	79	375079	43.585	ng	99
4) n-Nitrosodimethylamine	3.79	42	163817	39.703	ng	100
6) Aniline	7.33	93	511705	39.874	ng	98
8) 2-Chlorophenol	7.57	128	310764	39.653	ng	96
9) Benzaldehyde	7.14	77	220971	41.921	ng	90
10) Phenol	7.19	94	400078	39.955	ng	100
11) bis(2-Chloroethyl)ether	7.42	93	330453	38.893	ng	97
12) 1,3-Dichlorobenzene	7.90	146	372085	39.618	ng	99
13) 1,4-Dichlorobenzene	8.04	146	365923	38.979	ng	99
14) 1,2-Dichlorobenzene	8.36	146	354007	39.139	ng	99
15) Benzyl Alcohol	8.23	79	312873	40.536	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	532654	39.116	ng	99
17) 2-Methylphenol	8.44	107	283374	39.646	ng	99
18) Hexachloroethane	9.10	117	135733	39.789	ng	98
19) n-Nitroso-di-n-propylamine	8.82	70	292254	39.415	ng	99
20) 3+4-Methylphenols	8.77	107	401589	40.350	ng	97
22) Acetophenone	8.82	105	537376	38.883	ng	99
24) Nitrobenzene	9.20	77	393174	39.109	ng	97
25) Isophorone	9.73	82	776914	39.414	ng	99
26) 2-Nitrophenol	9.91	139	155477	41.022	ng	96
27) 2,4-Dimethylphenol	9.97	122	280817	40.315	ng	100
28) bis(2-Chloroethoxy)methane	10.21	93	488940	38.751	ng	97
29) 2,4-Dichlorophenol	10.45	162	342101	39.994	ng	99
30) 1,2,4-Trichlorobenzene	10.67	180	393551	38.867	ng	99
31) Naphthalene	10.86	128	1044514	39.281	ng	99
32) Benzoic acid	10.10	122	211909	44.530	ng	97
33) 4-Chloroaniline	10.95	127	507417	39.358	ng	99
34) Hexachlorobutadiene	11.16	225	234972	38.299	ng	97
35) Caprolactam	11.72	113	138889	41.373	ng	99
36) 4-Chloro-3-methylphenol	12.08	107	368099	39.973	ng	97
37) 2-Methylnaphthalene	12.46	142	813260	39.460	ng	100
38) 1-Methylnaphthalene	12.68	142	775259	39.558	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	447751	37.984	ng	100

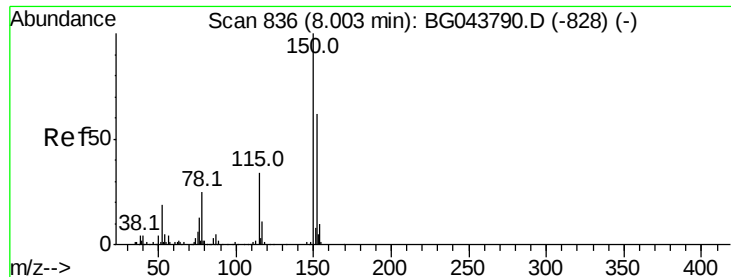
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120919\
 Data File : BG043795.D
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 QLast Update : Mon Dec 09 18:16:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	205398	37.123	ng	99
43) 2,4,6-Trichlorophenol	13.06	196	303352	40.488	ng	99
44) 2,4,5-Trichlorophenol	13.13	196	317479	40.446	ng	98
46) 1,1'-Biphenyl	13.47	154	1051078	38.864	ng	98
47) 2-Chloronaphthalene	13.51	162	847797	38.345	ng	98
48) 2-Nitroaniline	13.70	65	275725	42.286	ng	97
49) Acenaphthylene	14.36	152	1285395	39.028	ng	98
50) Dimethylphthalate	14.09	163	1124017	40.144	ng	99
51) 2,6-Dinitrotoluene	14.20	165	247595	41.034	ng	99
52) Acenaphthene	14.70	154	850959	39.275	ng	98
53) 3-Nitroaniline	14.52	138	284474	41.198	ng	98
54) 2,4-Dinitrophenol	14.73	184	88444	44.540	ng	96
55) Dibenzofuran	15.03	168	1281210	39.948	ng	99
56) 4-Nitrophenol	14.82	139	215958	42.870	ng	97
57) 2,4-Dinitrotoluene	14.99	165	341391	41.872	ng	94
58) Fluorene	15.68	166	1027211	39.736	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.17	232	284263	40.362	ng	96
60) Diethylphthalate	15.46	149	1119388	40.024	ng	100
61) 4-Chlorophenyl-phenylether	15.68	204	565819	39.082	ng	98
62) 4-Nitroaniline	15.68	138	289742	40.498	ng	99
63) Azobenzene	15.97	77	1013766	39.456	ng	99
65) 4,6-Dinitro-2-methylphenol	15.75	198	127331	39.623	ng	98
66) n-Nitrosodiphenylamine	15.88	169	953755	39.048	ng	100
67) 4-Bromophenyl-phenylether	16.57	248	357634	38.065	ng	98
68) Hexachlorobenzene	16.69	284	379027	38.036	ng	99
69) Atrazine	16.84	200	295506	37.951	ng	98
70) Pentachlorophenol	17.02	266	222206	41.920	ng	98
71) Phenanthrene	17.42	178	1644171	39.521	ng	99
72) Anthracene	17.51	178	1645224	39.950	ng	99
73) Carbazole	17.77	167	1510290	39.232	ng	99
74) Di-n-butylphthalate	18.35	149	1780960	40.356	ng	100
75) Fluoranthene	19.42	202	1867608	39.223	ng	99
77) Benzidine	19.60	184	698725	44.119	ng	96
78) Pyrene	19.79	202	1883674	39.706	ng	99
80) Butylbenzylphthalate	20.68	149	831309	42.074	ng	96
81) Benzo(a)anthracene	21.61	228	1825570	39.845	ng	99
82) 3,3'-Dichlorobenzidine	21.52	252	674972	39.879	ng	99
83) Chrysene	21.68	228	1751954	40.135	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	1162435	41.017	ng	99
85) Di-n-octyl phthalate	22.75	149	1972125	42.566	ng	100
86) Indeno(1,2,3-cd)pyrene	28.38	276	2167875	38.802	ng	# 93
88) Benzo(b)fluoranthene	23.79	252	1865143	39.250	ng	100
89) Benzo(k)fluoranthene	23.86	252	1813117	39.498	ng	100
90) Benzo(a)pyrene	24.64	252	1773515	39.163	ng	100
91) Dibenzo(a,h)anthracene	28.45	278	1750721	38.704	ng	100
92) Benzo(g,h,i)perylene	29.49	276	1721132	38.558	ng	100

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

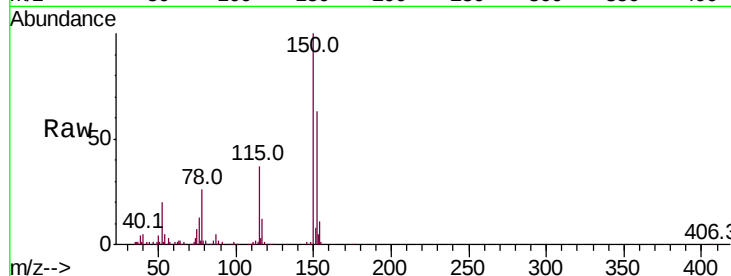


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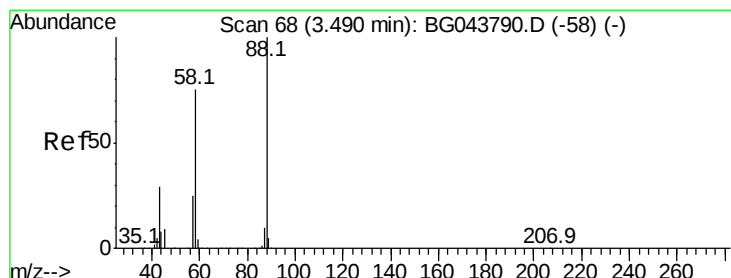
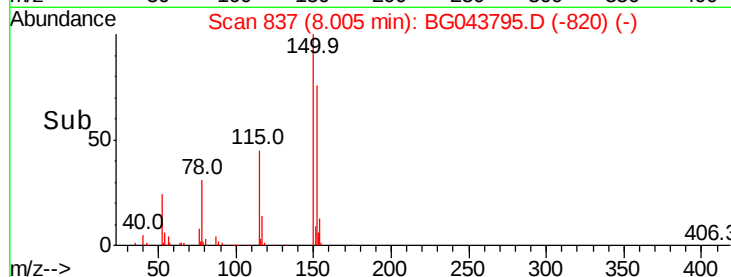
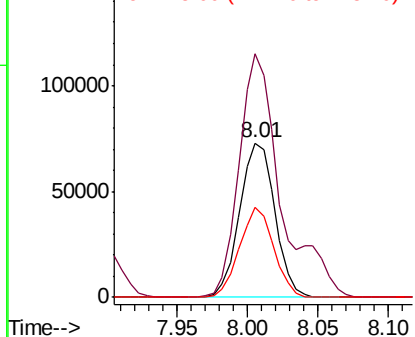
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	128.6	192.8
115	58.5	44.3	66.5



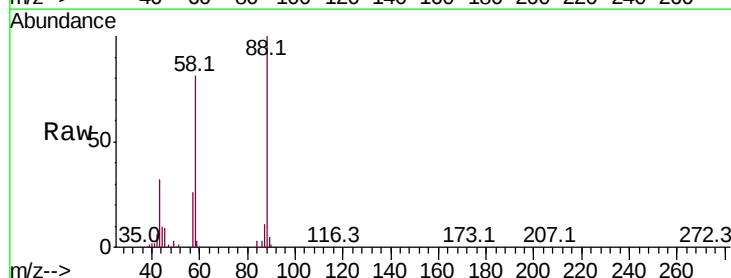
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



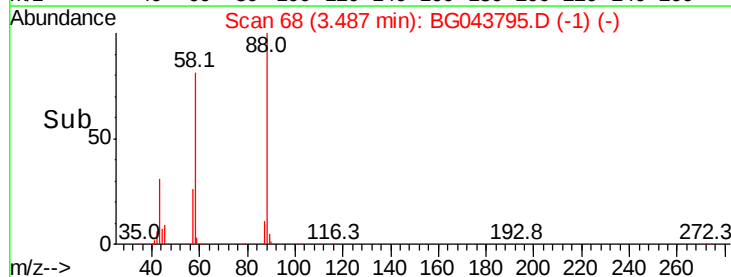
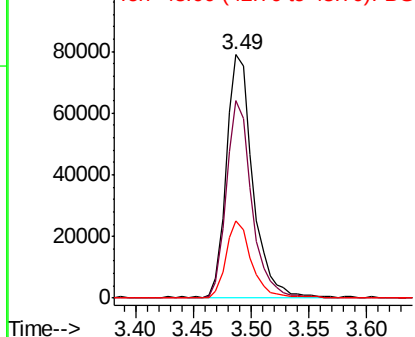
#2

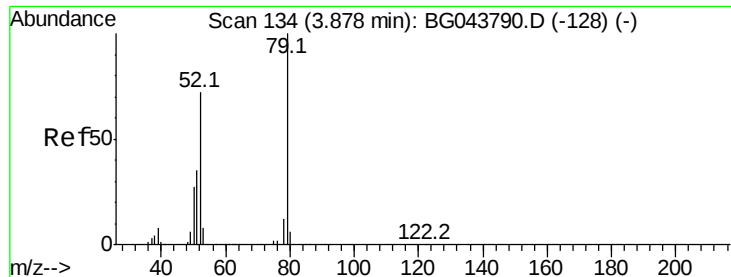
1,4-Dioxane
Concen: 39.815 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.8	62.2	93.4
43	31.1	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: 43.585 ng

RT: 3.88 min Scan# 135

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Instrument :

BNA_G

ClientSampleId :

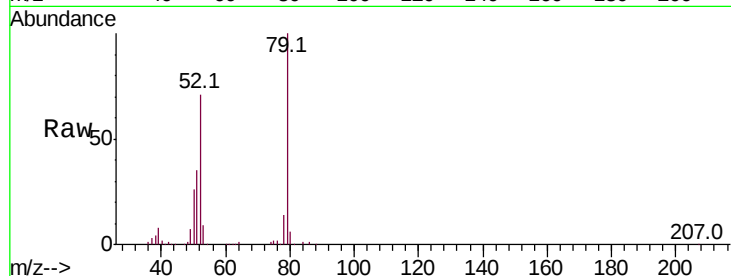
Tot Ion: 79 Resp: 375079

Ion Ratio Lower Upper

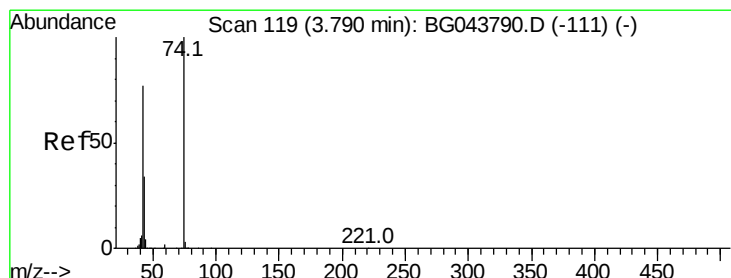
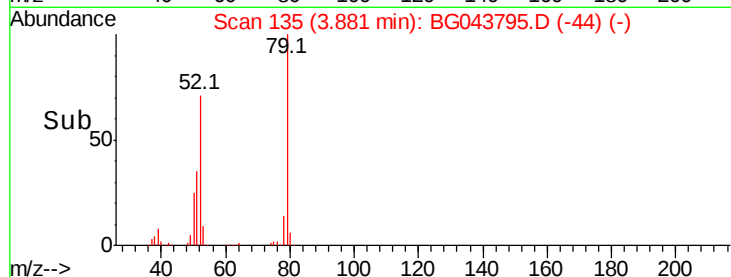
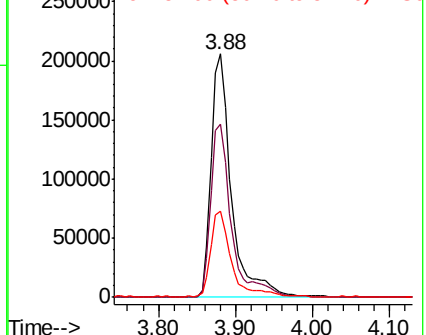
79 100

52 71.0 57.6 86.4

51 35.3 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: 39.703 ng

RT: 3.79 min Scan# 120

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

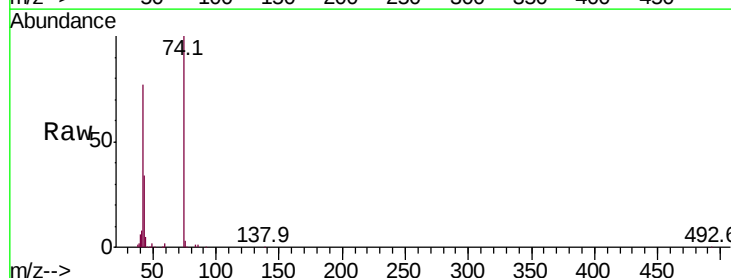
Tgt Ion: 42 Resp: 163817

Ion Ratio Lower Upper

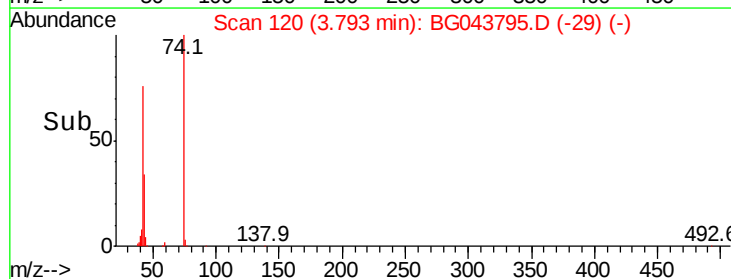
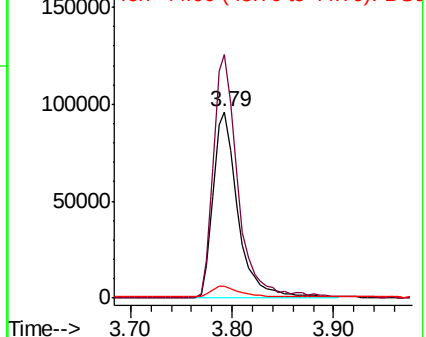
42 100

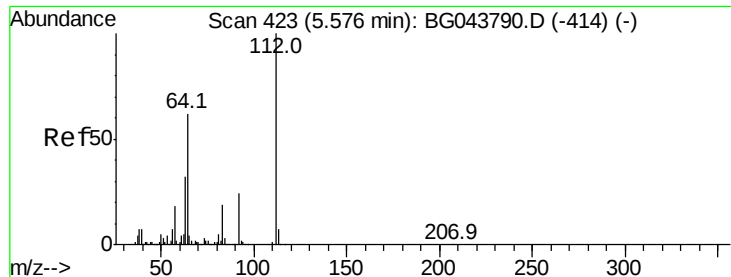
74 130.6 104.2 156.4

44 6.7 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: 81.882 ng

RT: 5.58 min Scan# 424

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Instrument :

BNA_G

ClientSampled :

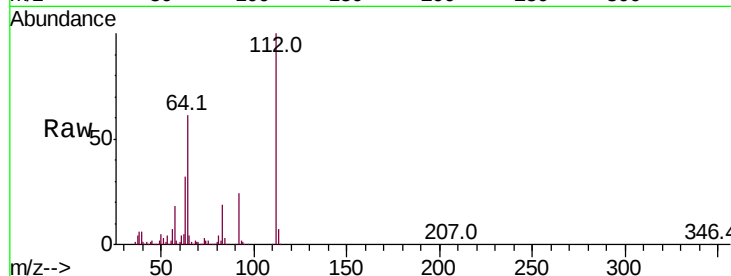
Tot Ion:112 Resp: 550657

Ion Ratio Lower Upper

112 100

64 60.5 49.9 74.9

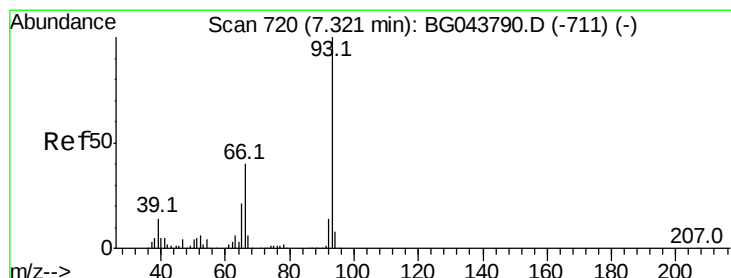
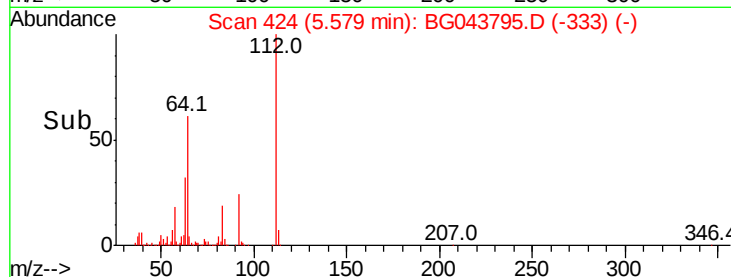
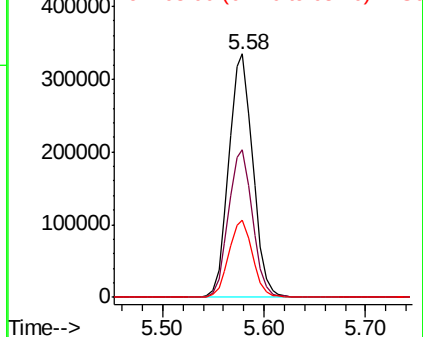
63 31.6 26.0 39.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.874 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

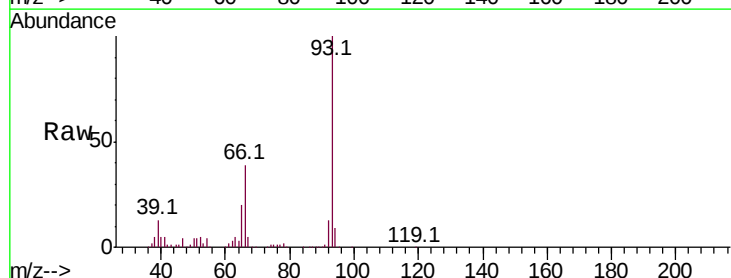
Tgt Ion: 93 Resp: 511705

Ion Ratio Lower Upper

93 100

66 38.9 31.9 47.9

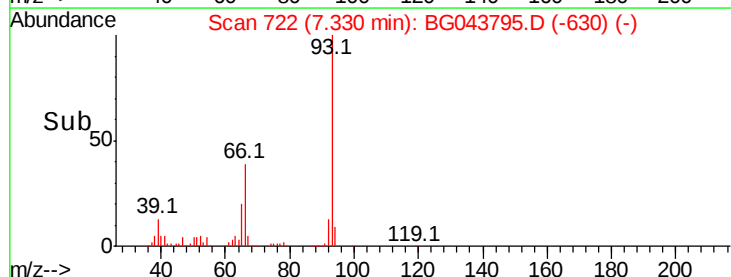
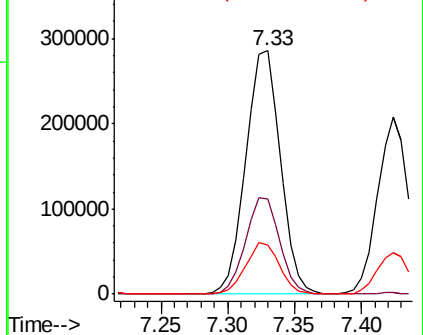
65 20.0 16.8 25.2

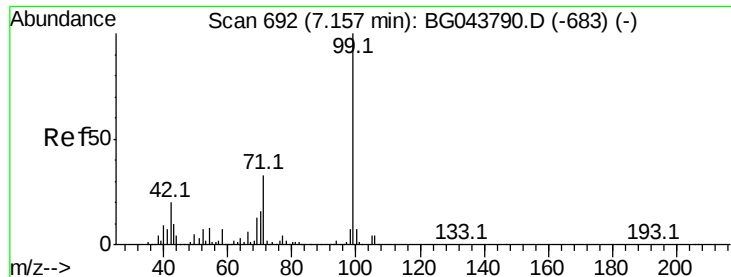


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 80.513 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Instrument :

BNA_G

ClientSampled :

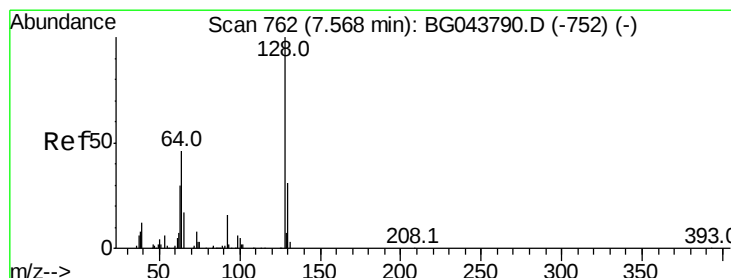
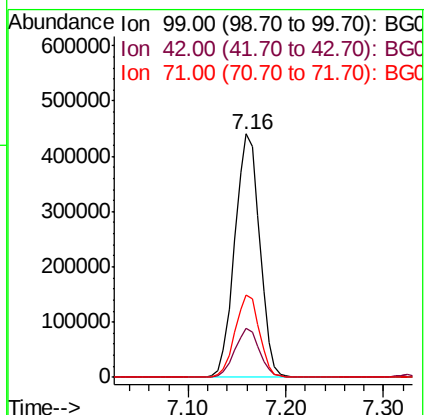
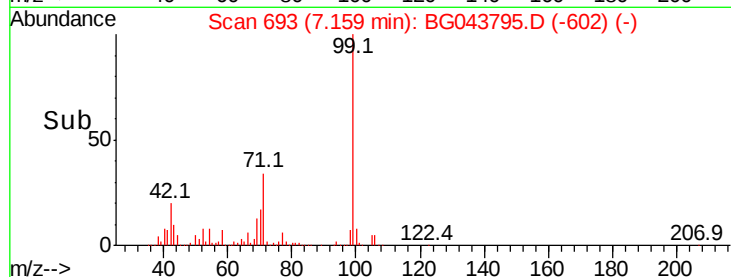
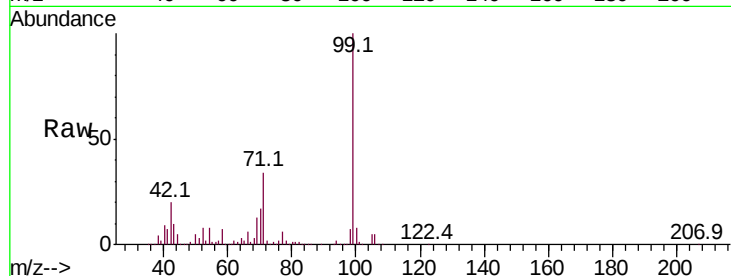
Tot Ion: 99 Resp: 780871

Ion Ratio Lower Upper

99 100

42 20.3 16.2 24.2

71 33.7 26.6 40.0



#8

2-Chlorophenol

Concen: 39.653 ng

RT: 7.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

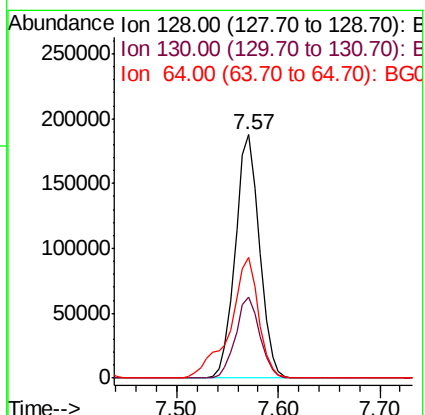
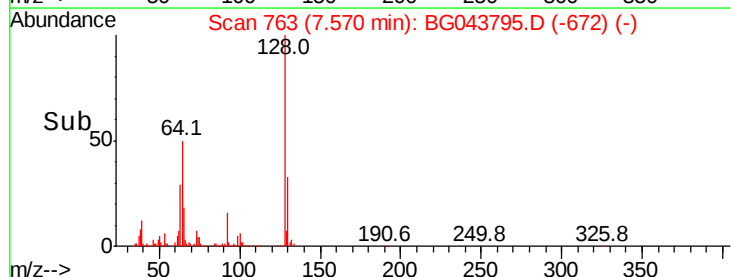
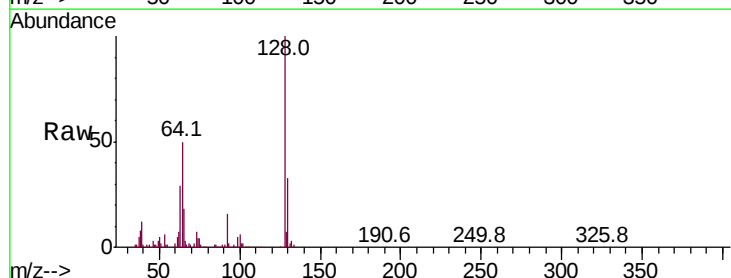
Tgt Ion: 128 Resp: 310764

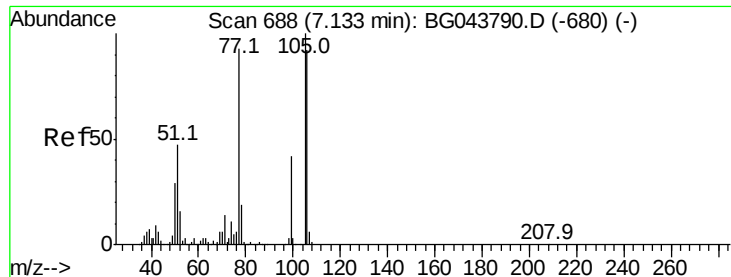
Ion Ratio Lower Upper

128 100

130 33.3 11.1 51.1

64 49.7 26.5 66.5





#9

Benzaldehyde

Concen: 41.921 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Instrument :

BNA_G

ClientSampleId :

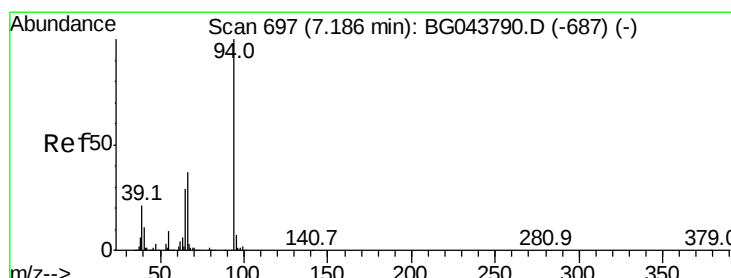
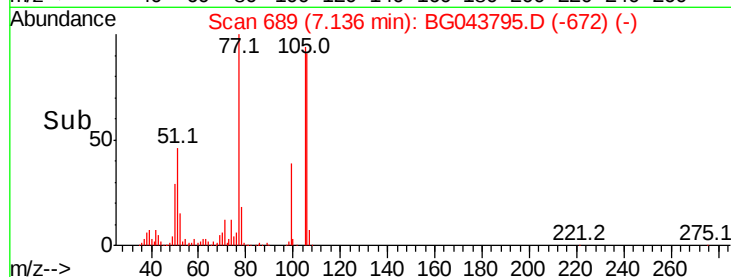
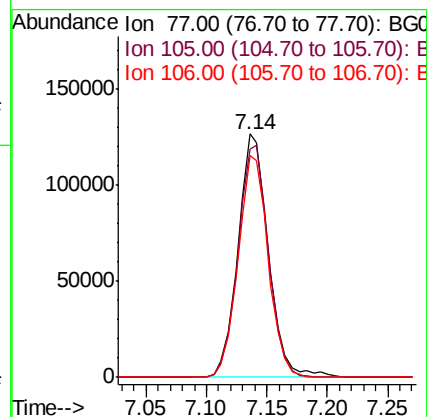
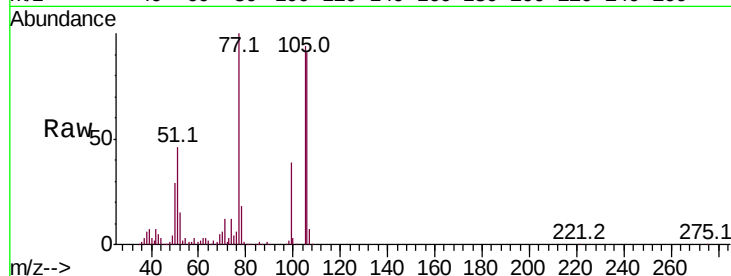
Tot Ion: 77 Resp: 220971

Ion Ratio Lower Upper

77 100

105 93.5 87.1 127.1

106 91.3 78.2 118.2



#10

Phenol

Concen: 39.955 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

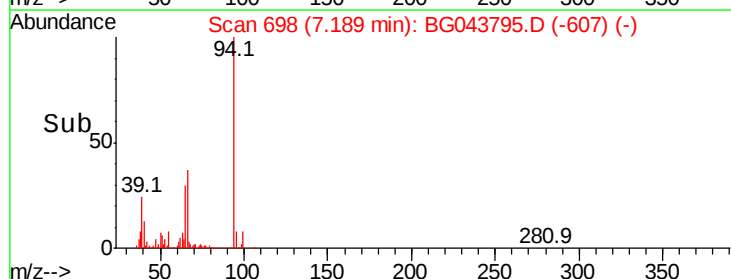
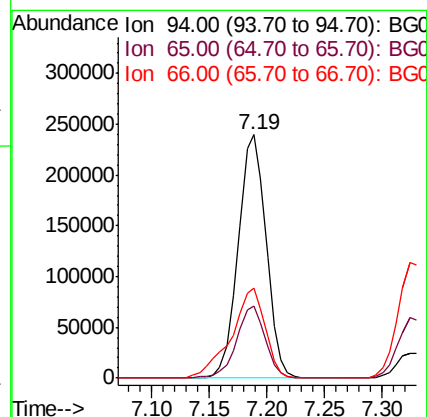
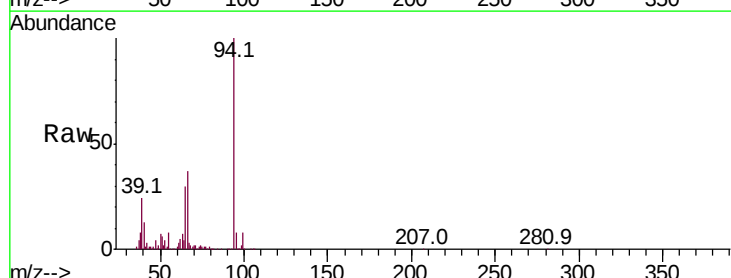
Tgt Ion: 94 Resp: 400078

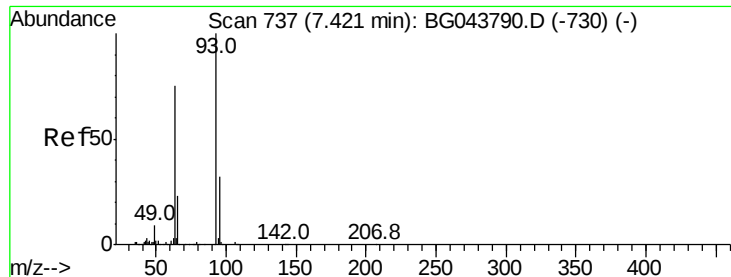
Ion Ratio Lower Upper

94 100

65 29.7 9.5 49.5

66 36.9 16.8 56.8

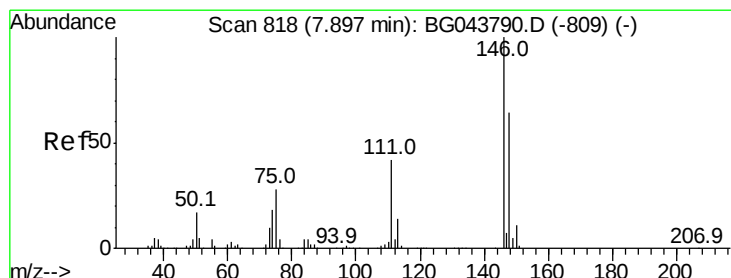
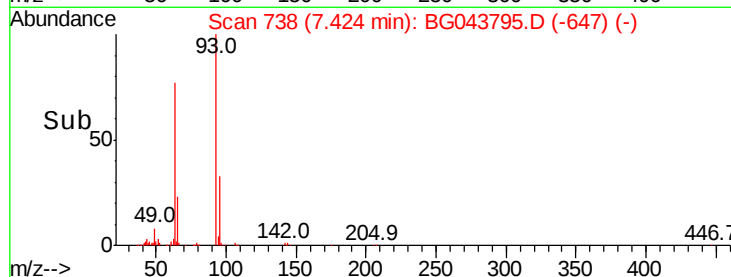
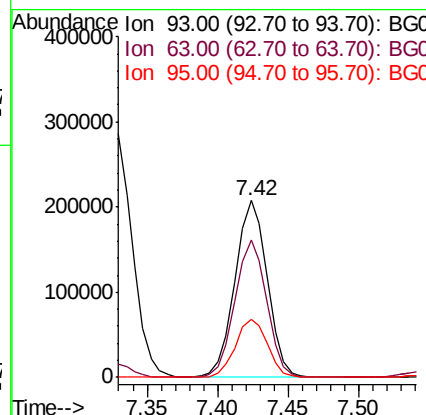
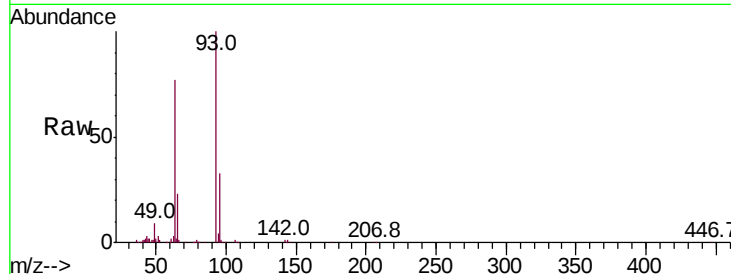




#11
bis(2-Chloroethyl)ether
Concen: 38.893 ng
RT: 7.42 min Scan# 738
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

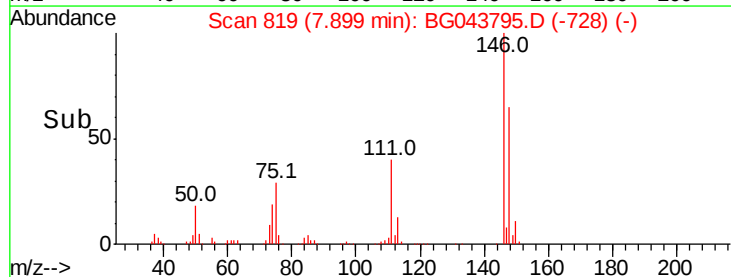
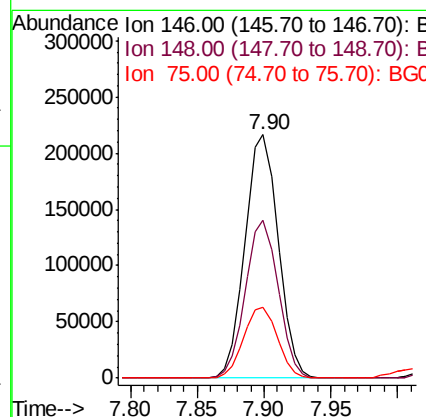
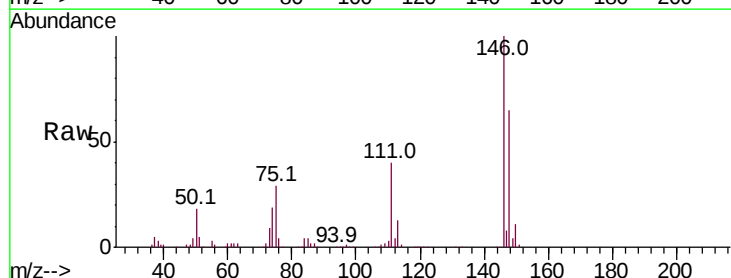
Instrument :
BNA_G
ClientSampleId :

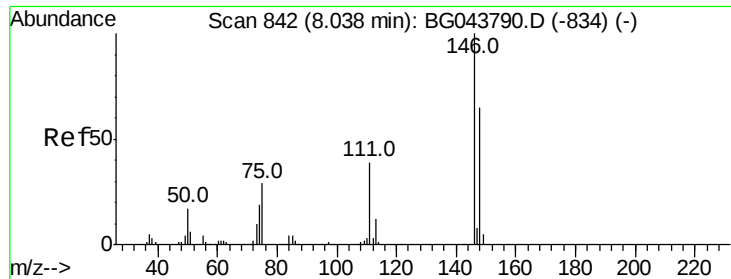
Tot Ion: 93 Resp: 330453
Ion Ratio Lower Upper
93 100
63 77.4 54.7 94.7
95 32.9 11.3 51.3



#12
1,3-Dichlorobenzene
Concen: 39.618 ng
RT: 7.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion: 146 Resp: 372085
Ion Ratio Lower Upper
146 100
148 65.0 51.4 77.2
75 29.2 22.4 33.6

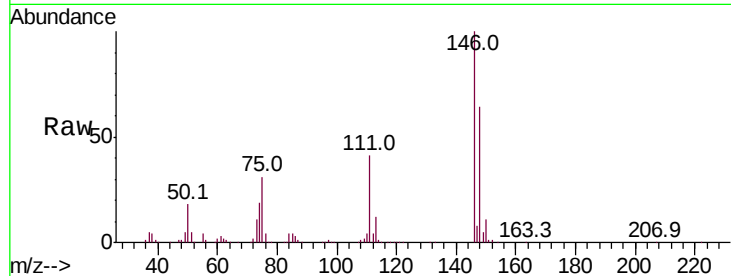




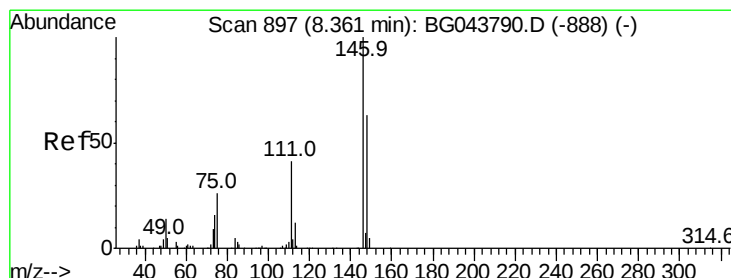
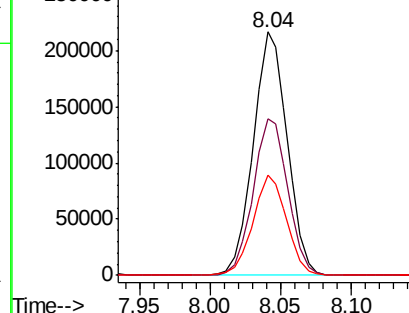
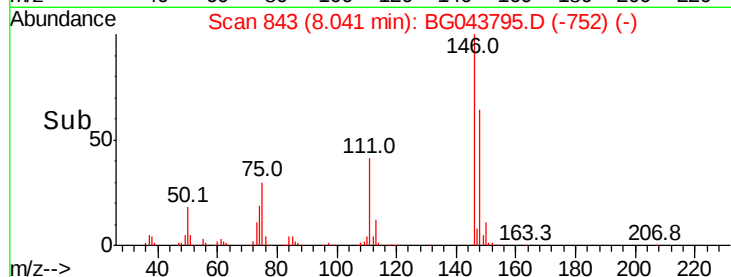
#13
 1,4-Dichlorobenzene
 Concen: 38.979 ng
 RT: 8.04 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BG043795.D
 Acq: 9 Dec 2019 18:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 365923
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.8 77.8
 111 41.1 31.4 47.2

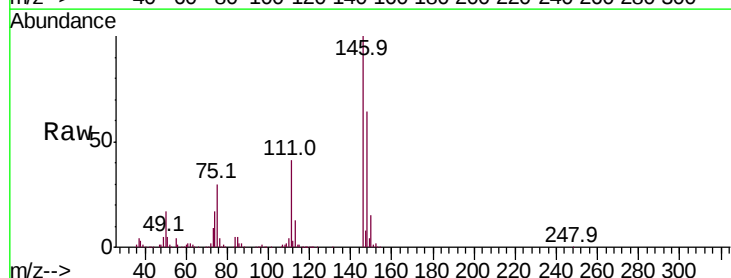


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

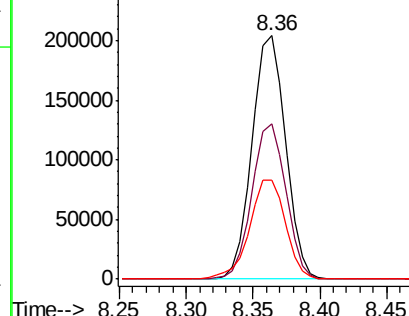
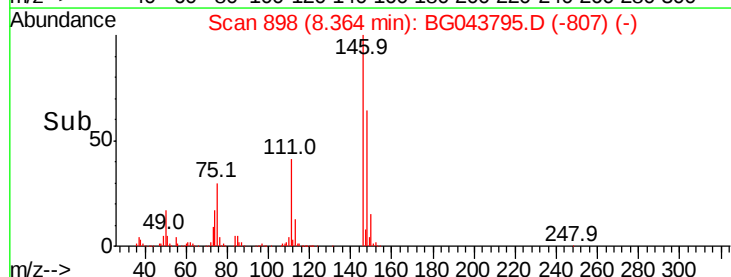


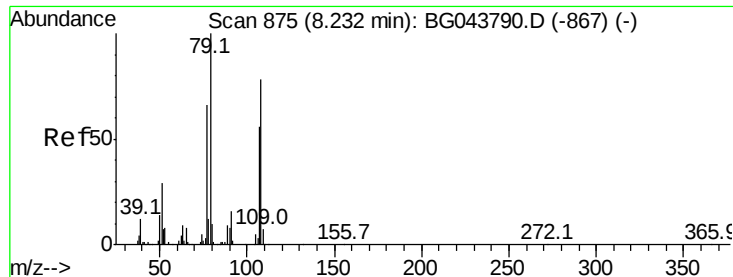
#14
 1,2-Dichlorobenzene
 Concen: 39.139 ng
 RT: 8.36 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BG043795.D
 Acq: 9 Dec 2019 18:07

Tgt Ion:146 Resp: 354007
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.2 75.2
 111 40.8 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

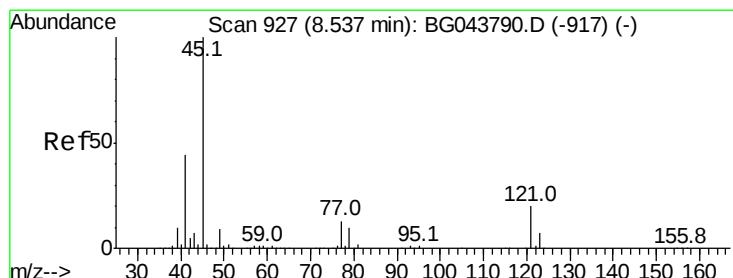
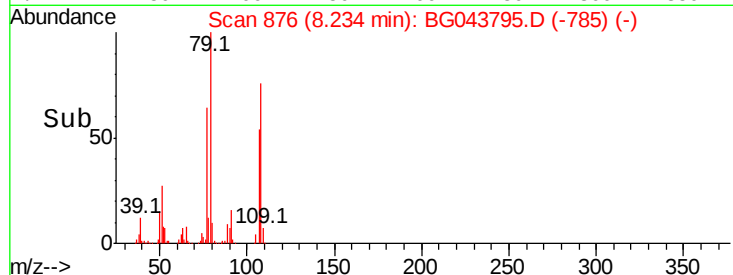
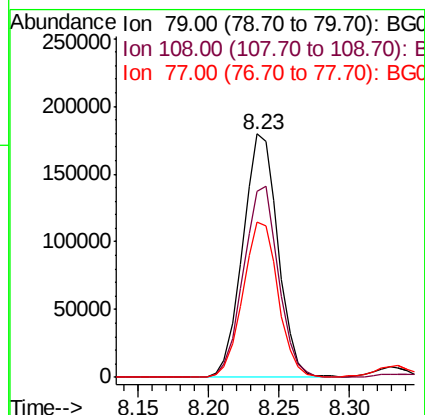
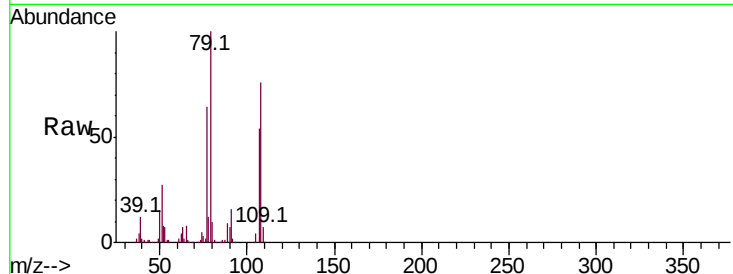




#15
Benzyl Alcohol
Concen: 40.536 ng
RT: 8.23 min Scan# 876
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

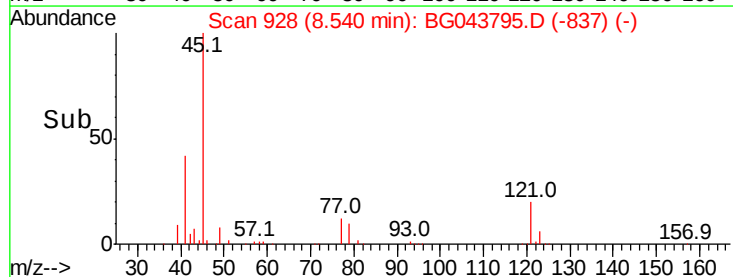
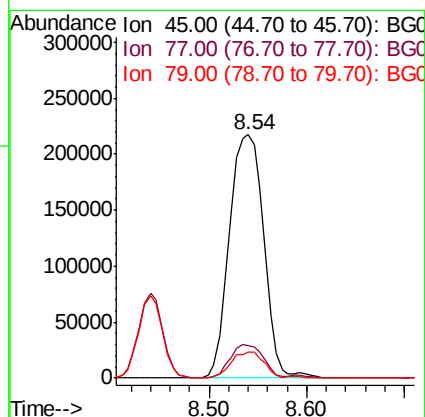
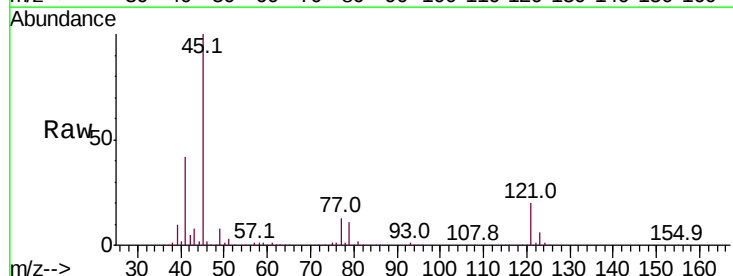
Instrument :
BNA_G
ClientSampleId :

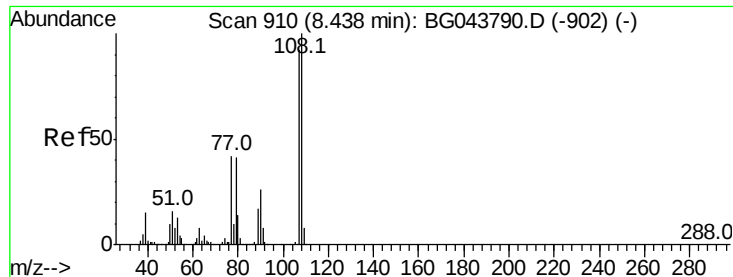
Tot Ion	Ratio	Lower	Upper
79	100		
108	76.2	62.2	93.2
77	64.0	52.8	79.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.116 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.4	0.0	33.6
79	10.6	0.0	29.9





#17

2-Methylphenol

Concen: 39.646 ng

RT: 8.44 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 283374

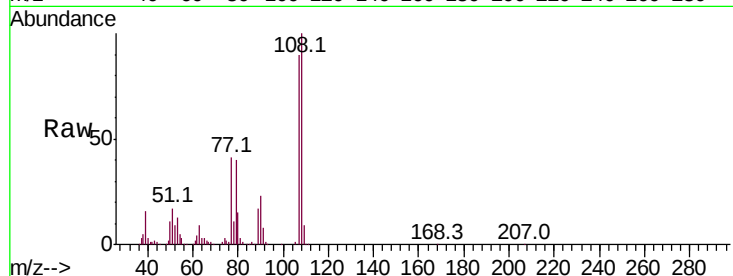
Ion Ratio Lower Upper

107 100

108 111.3 87.2 130.8

77 45.8 36.6 54.8

79 44.3 35.5 53.3

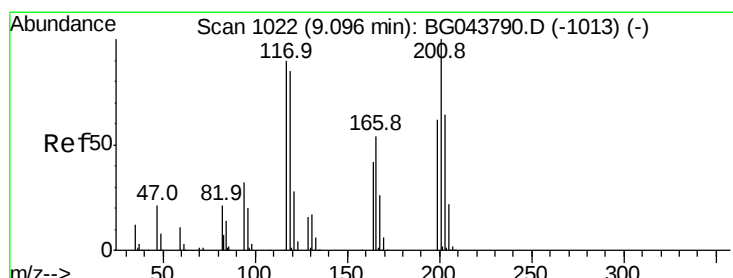
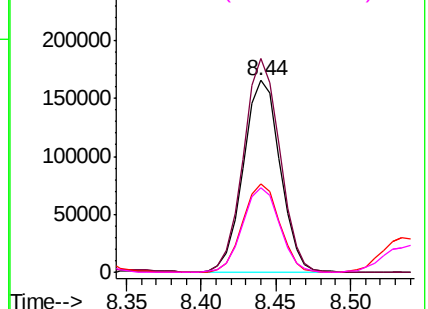
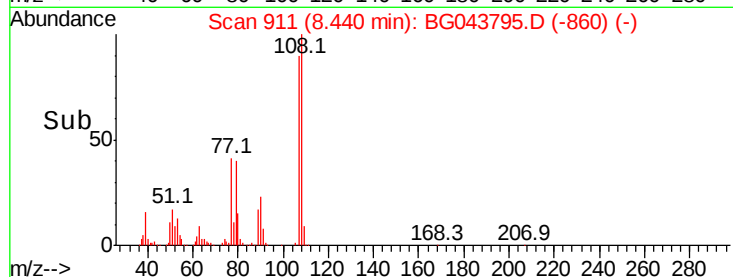


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.789 ng

RT: 9.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

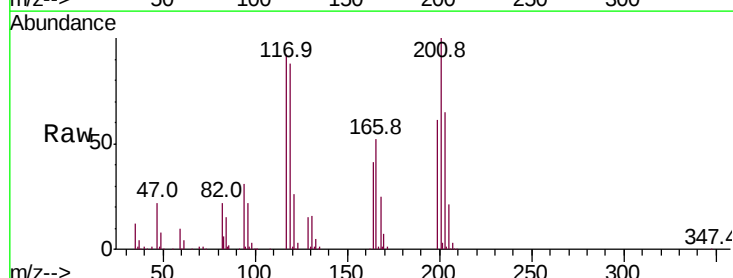
Tgt Ion:117 Resp: 135733

Ion Ratio Lower Upper

117 100

119 96.0 75.6 113.4

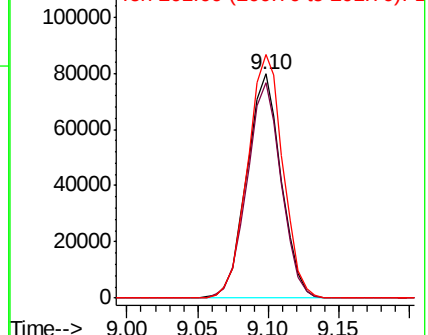
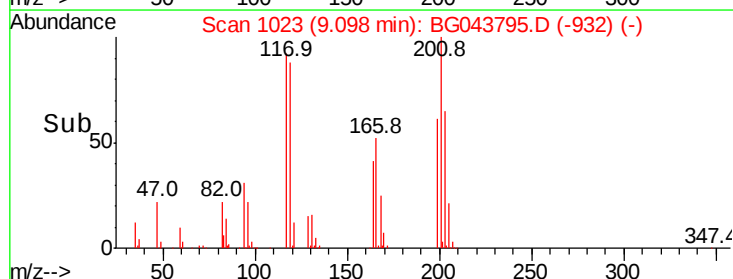
201 108.7 88.6 133.0

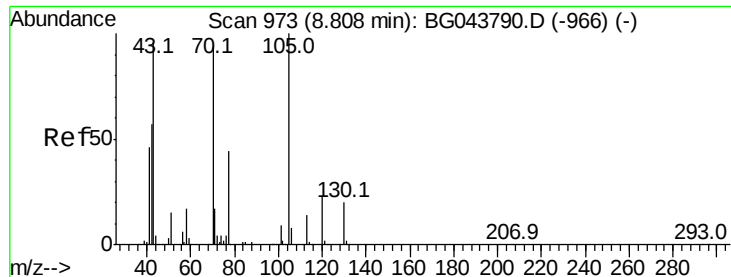


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

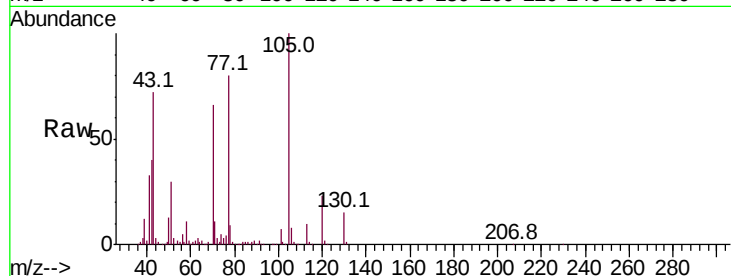




#19
n-Nitroso-di-n-propylamine
Concen: 39.415 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	292254
Ion	Ratio	Lower	Upper
70	100		
42	60.4	49.2	73.8
101	9.9	7.8	11.6
130	22.0	17.0	25.6



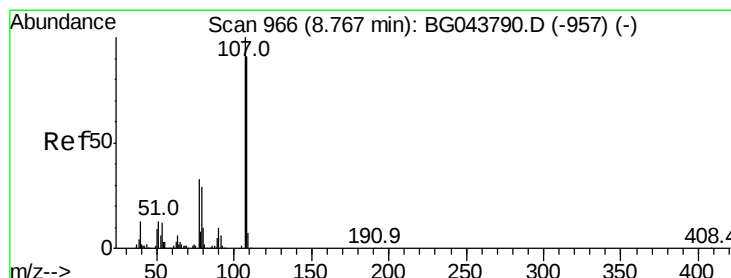
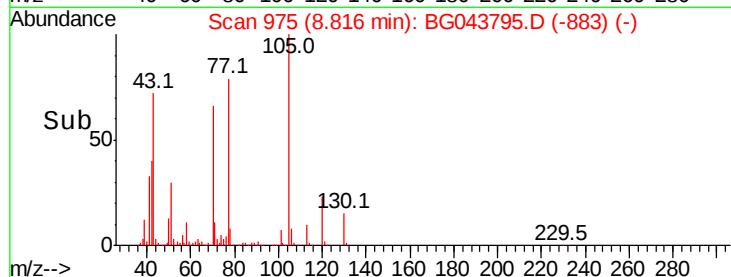
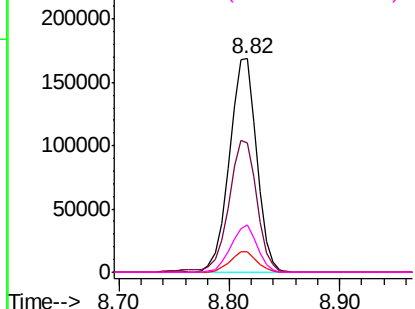
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

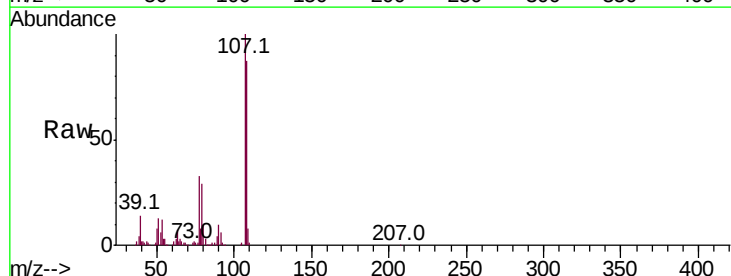
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 40.350 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion:	107	Resp:	401589
Ion	Ratio	Lower	Upper
107	100		
108	86.8	70.9	110.9
77	32.8	12.7	52.7
79	28.5	9.1	49.1



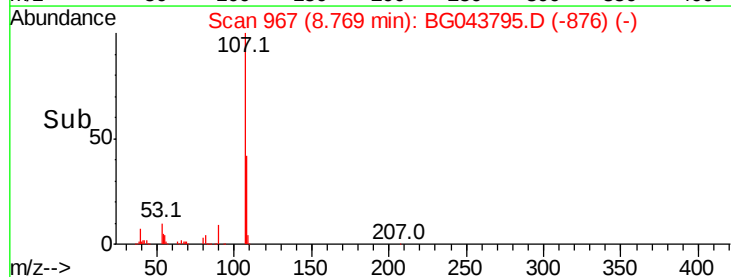
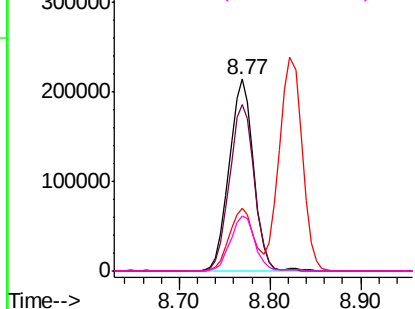
Abundance

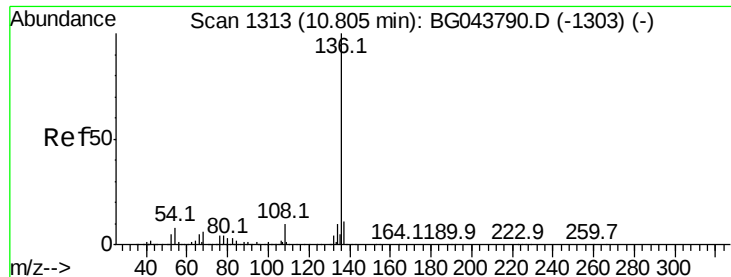
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

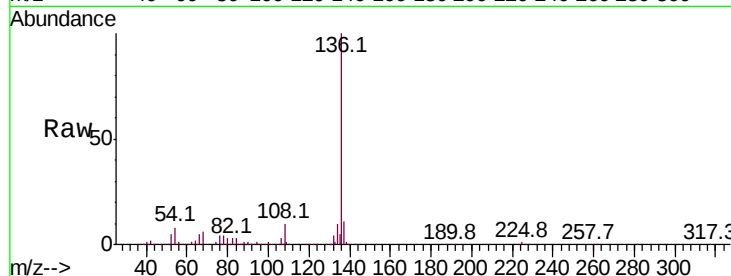




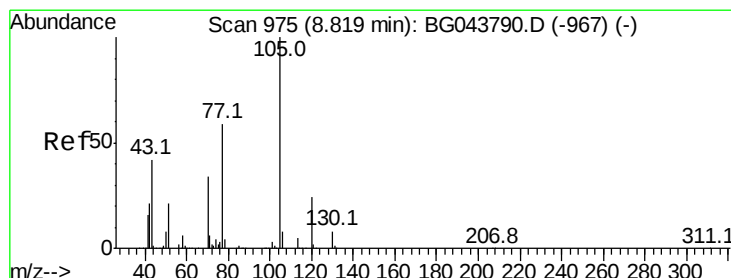
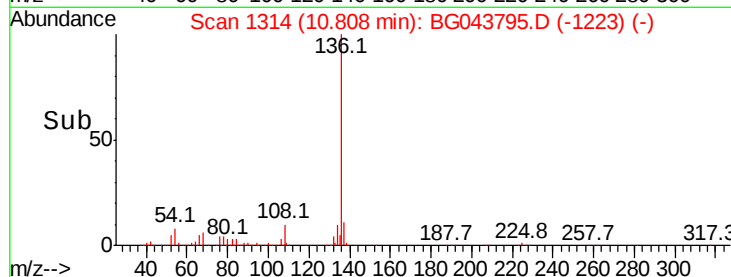
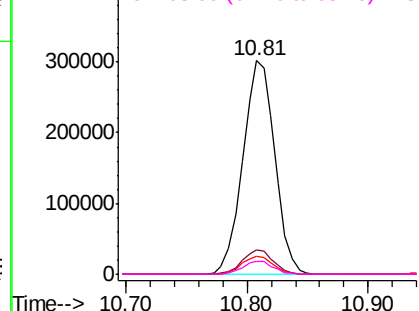
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	554164
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	8.5	6.8	10.2
68	6.1	5.0	7.4

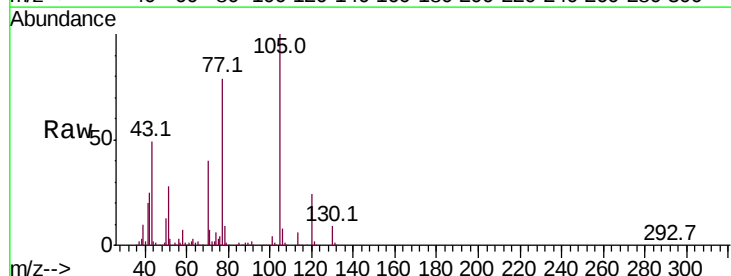


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

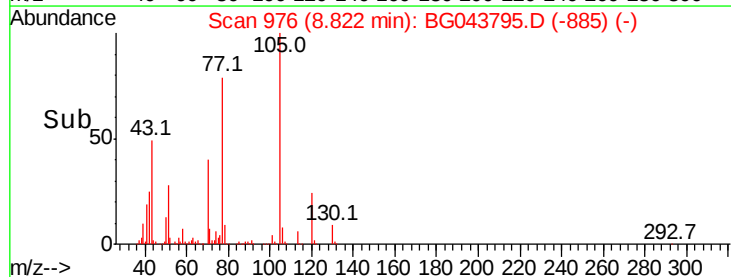
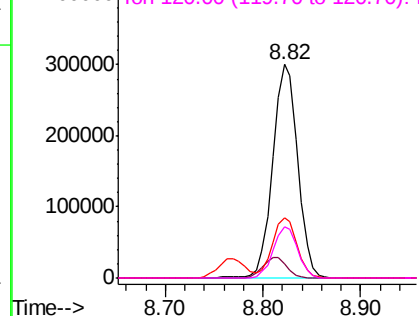


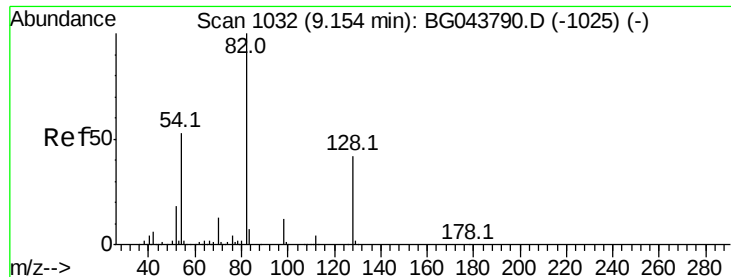
#22
Acetophenone
Concen: 38.883 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion:	105	Resp:	537376
Ion	Ratio	Lower	Upper
105	100		
71	6.7	4.9	7.3
51	28.2	22.2	33.4
120	23.9	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

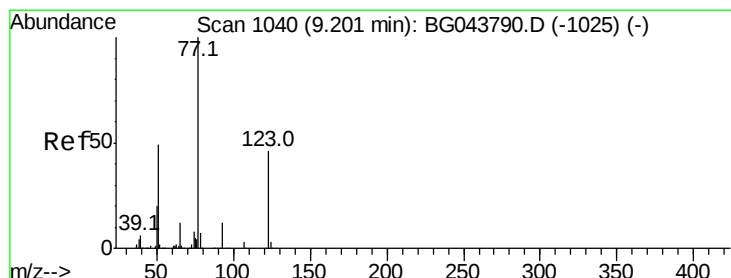
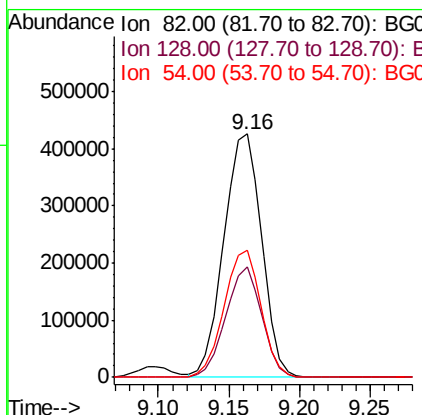
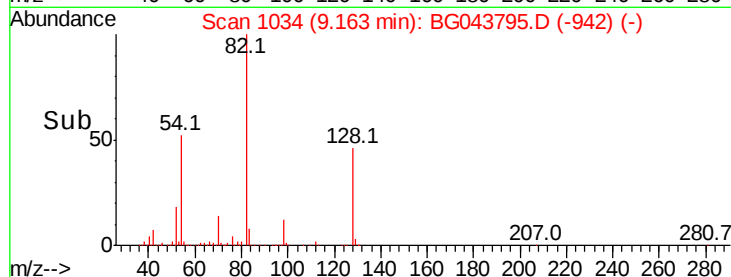
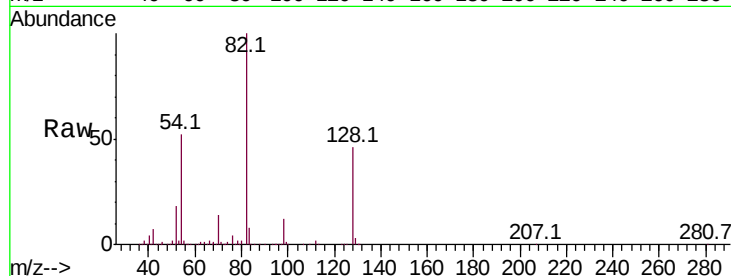




#23
 Nitrobenzene-d5
 Concen: 80.200 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: BG043795.D
 Acq: 9 Dec 2019 18:07

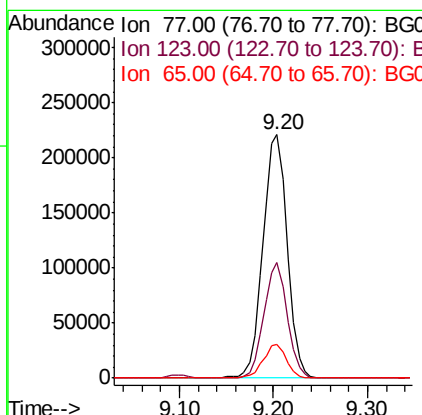
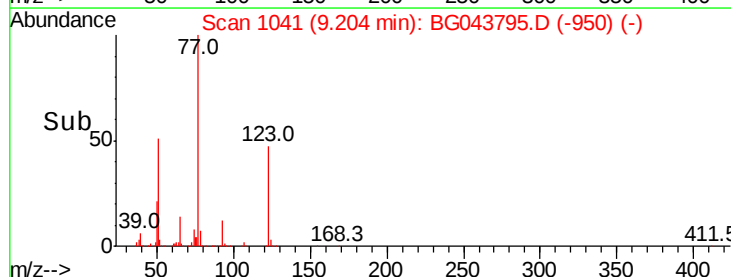
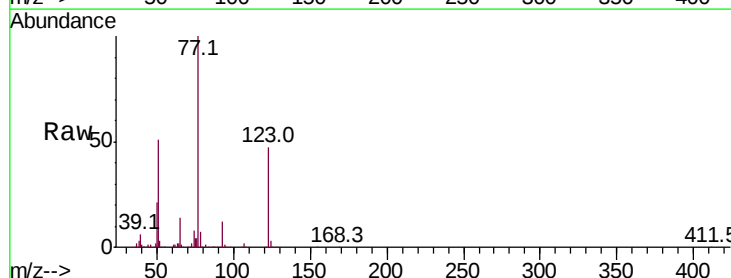
Instrument :
 BNA_G
 ClientSampleId :

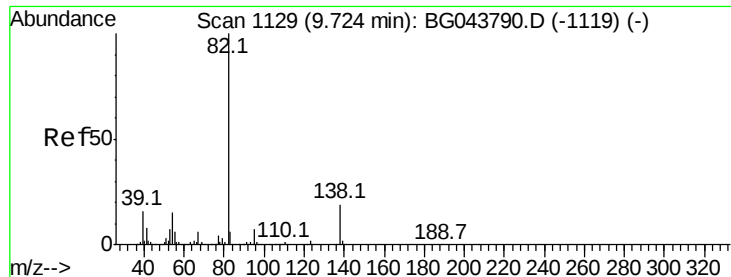
Tot Ion: 82 Resp: 791557
 Ion Ratio Lower Upper
 82 100
 128 45.6 33.6 50.4
 54 52.4 42.1 63.1



#24
 Nitrobenzene
 Concen: 39.109 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG043795.D
 Acq: 9 Dec 2019 18:07

Tgt Ion: 77 Resp: 393174
 Ion Ratio Lower Upper
 77 100
 123 47.3 36.6 55.0
 65 13.8 9.8 14.6





#25

Isophorone

Concen: 39.414 ng

RT: 9.73 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Instrument :

BNA_G

ClientSampled :

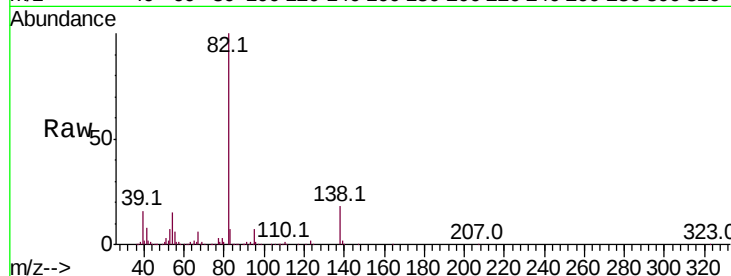
Tot Ion: 82 Resp: 776914

Ion Ratio Lower Upper

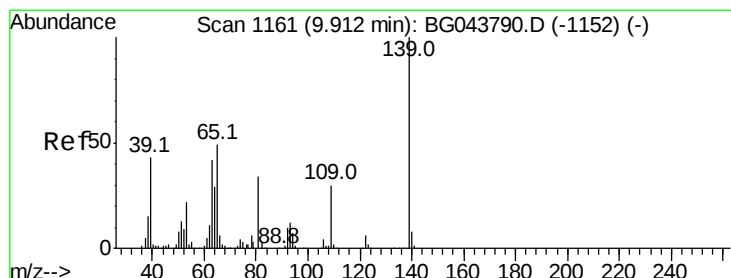
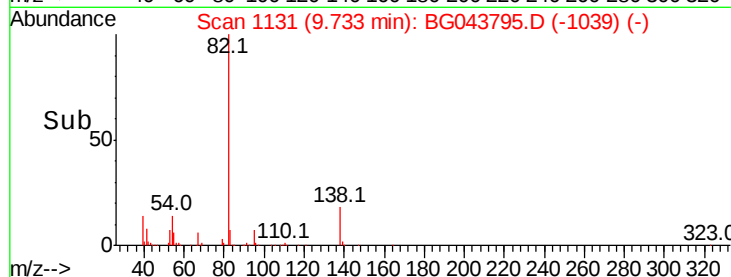
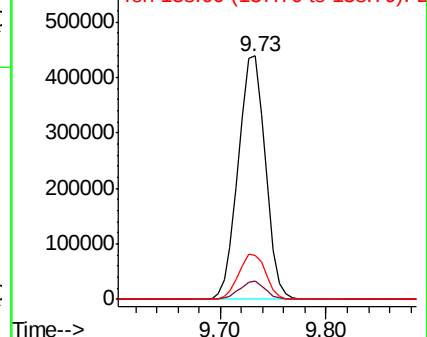
82 100

95 7.3 5.6 8.4

138 18.0 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 41.022 ng

RT: 9.91 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

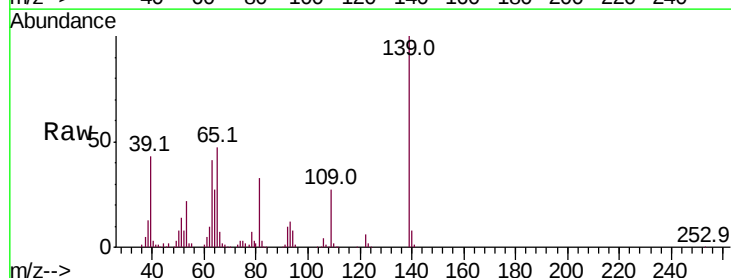
Tgt Ion: 139 Resp: 155477

Ion Ratio Lower Upper

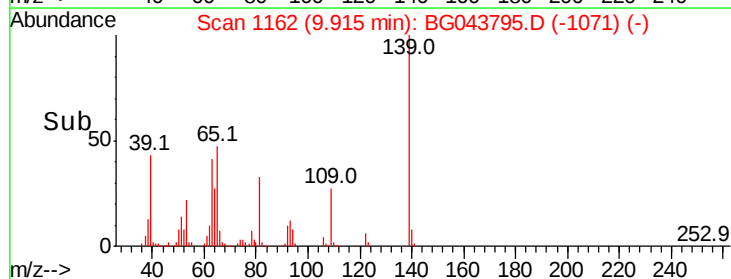
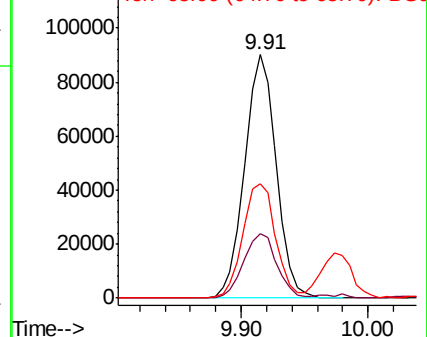
139 100

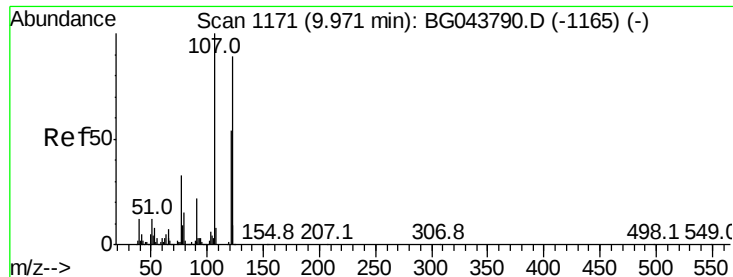
109 26.7 23.9 35.9

65 47.2 39.3 58.9



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#27

2,4-Dimethylphenol

Concen: 40.315 ng

RT: 9.97 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Instrument :

BNA_G

ClientSampleId :

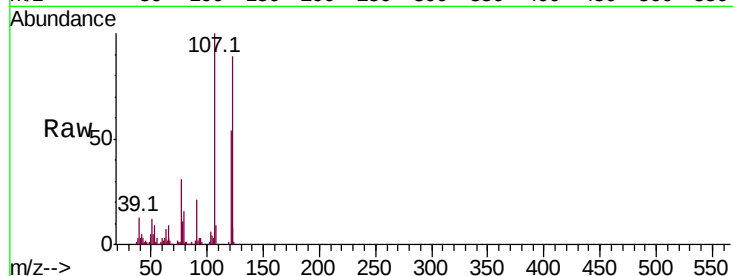
Tot Ion:122 Resp: 280817

Ion Ratio Lower Upper

122 100

107 112.1 90.0 135.0

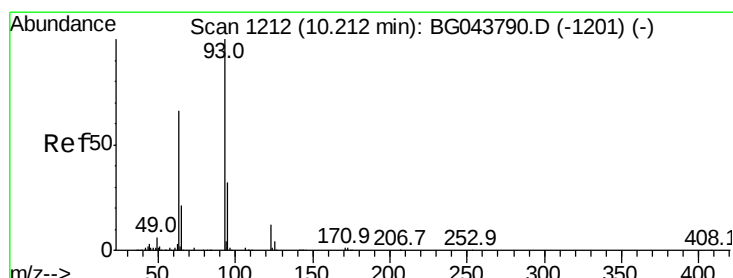
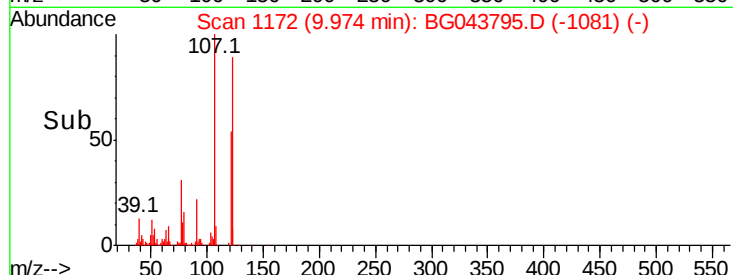
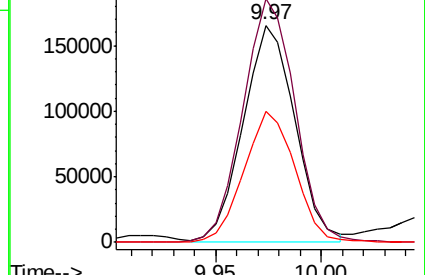
121 60.3 48.6 73.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.751 ng

RT: 10.21 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

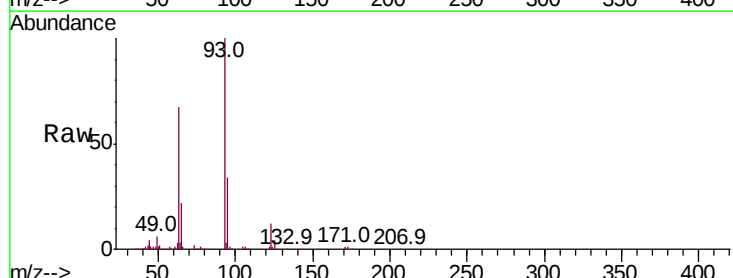
Tgt Ion: 93 Resp: 488940

Ion Ratio Lower Upper

93 100

95 34.1 25.7 38.5

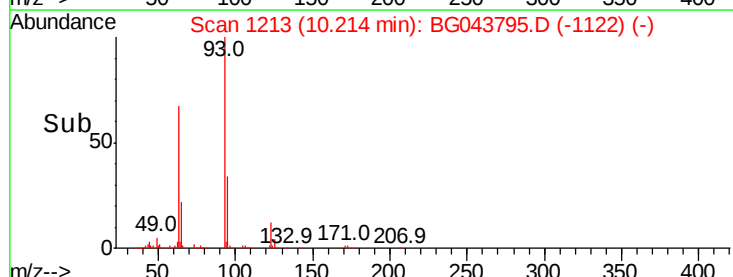
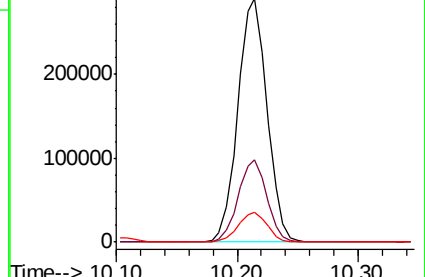
123 12.2 9.5 14.3

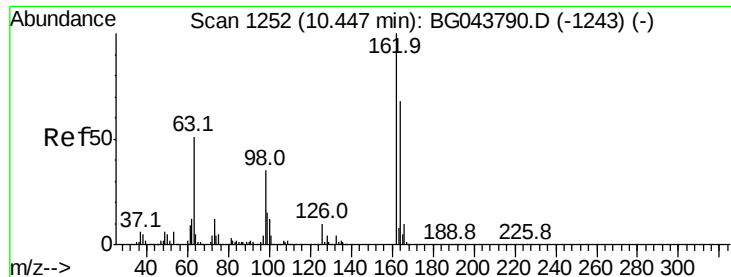


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.994 ng

RT: 10.45 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Instrument :

BNA_G

ClientSampled :

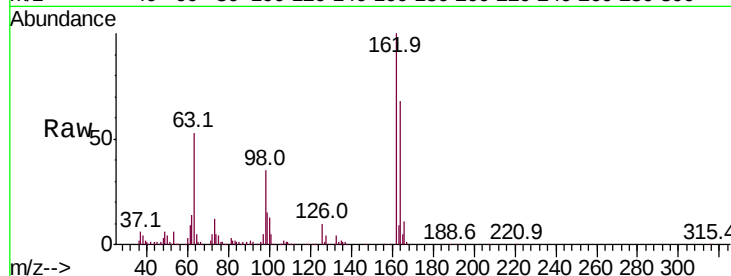
Tot Ion:162 Resp: 342101

Ion Ratio Lower Upper

162 100

164 67.5 48.0 88.0

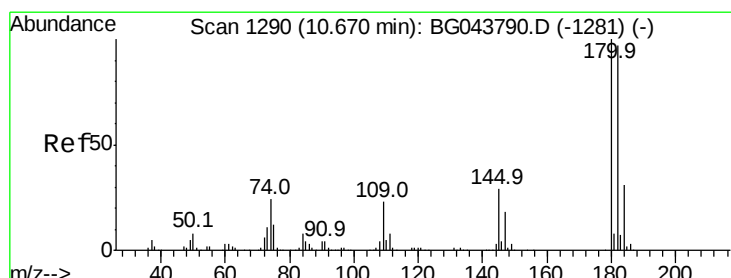
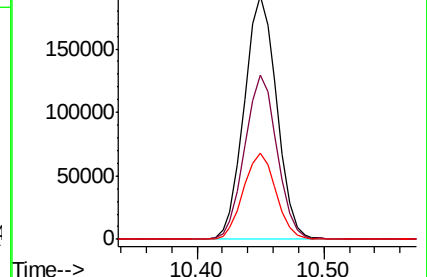
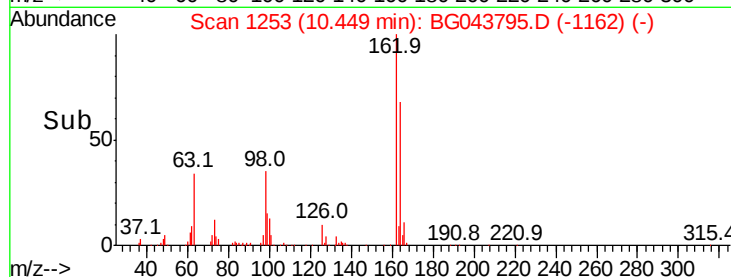
98 35.2 14.9 54.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 38.867 ng

RT: 10.67 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

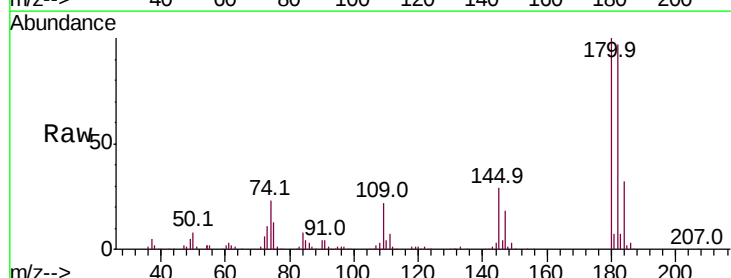
Tgt Ion:180 Resp: 393551

Ion Ratio Lower Upper

180 100

182 96.5 77.8 116.8

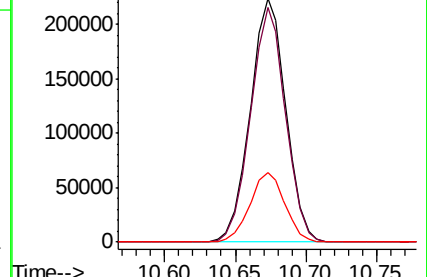
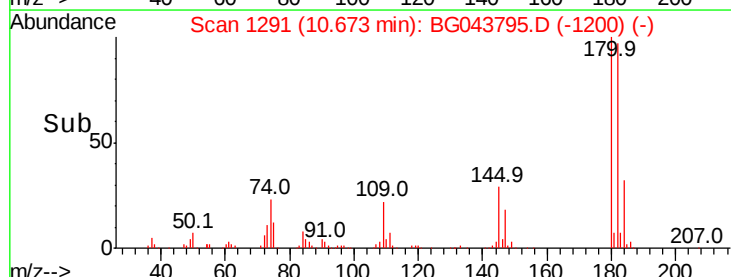
145 28.7 23.0 34.6

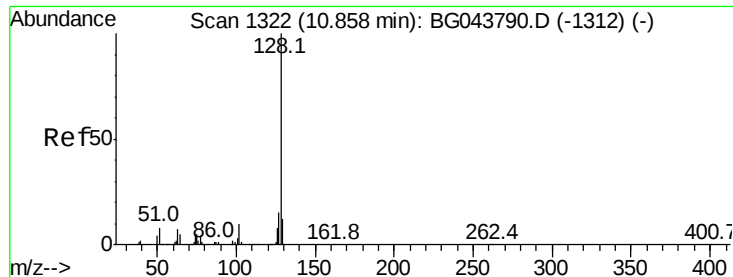


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

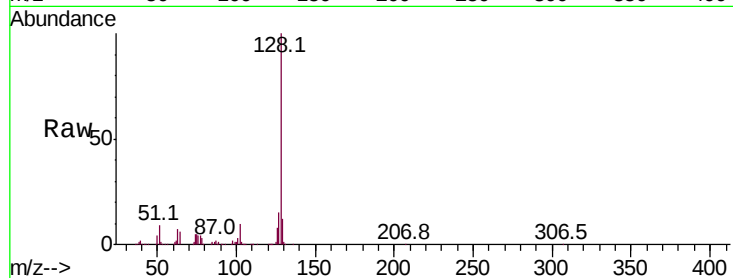




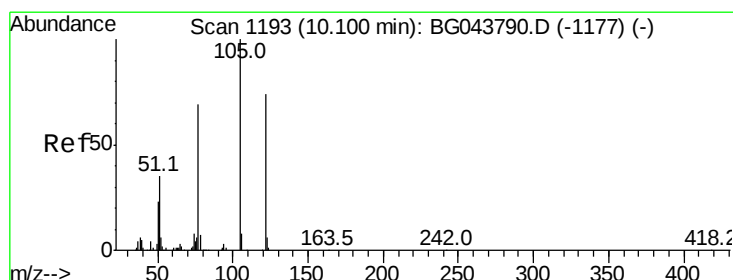
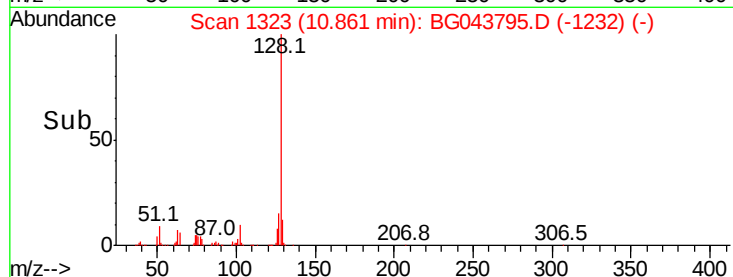
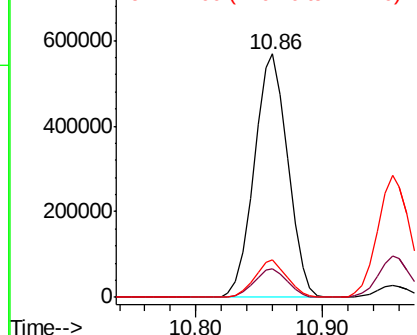
#31
Naphthalene
Concen: 39.281 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 1044514
Ion Ratio Lower Upper
128 100
129 11.9 9.8 14.6
127 15.2 11.9 17.9

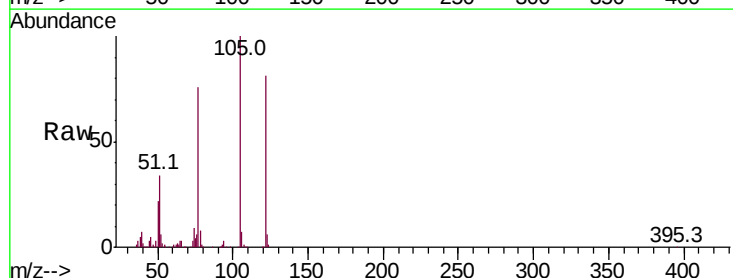


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

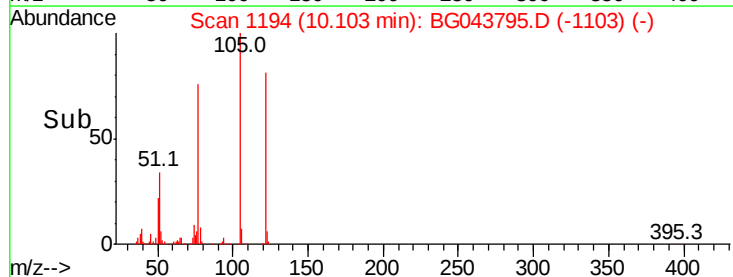
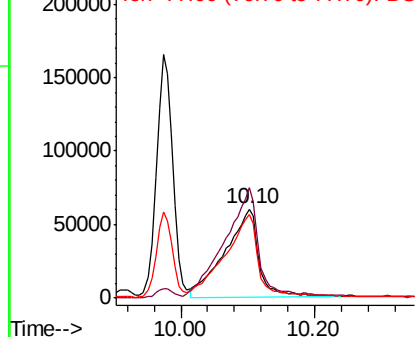


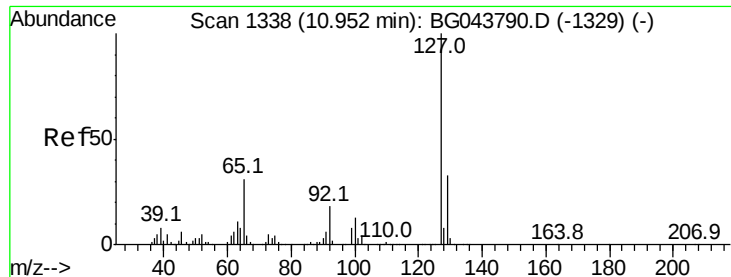
#32
Benzoic acid
Concen: 44.530 ng
RT: 10.10 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion:122 Resp: 211909
Ion Ratio Lower Upper
122 100
105 123.3 107.5 147.5
77 94.3 71.7 111.7



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

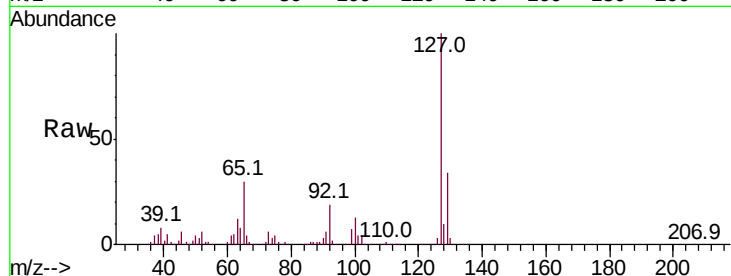




#33
4-Chloroaniline
Concen: 39.358 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.1	39.1
65	30.0	24.4	36.6
92	18.8	14.6	22.0



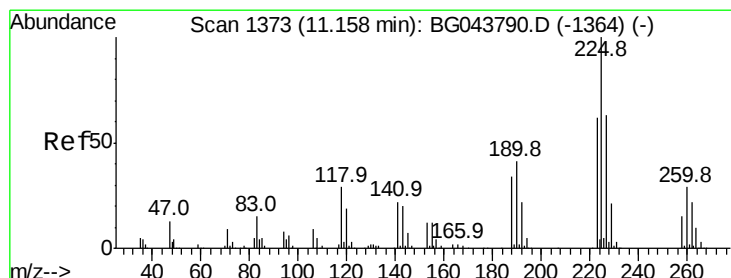
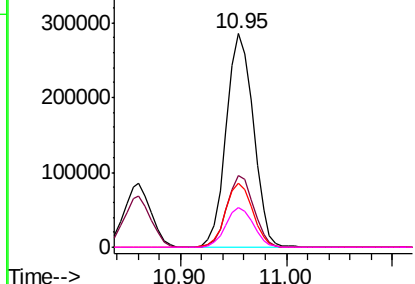
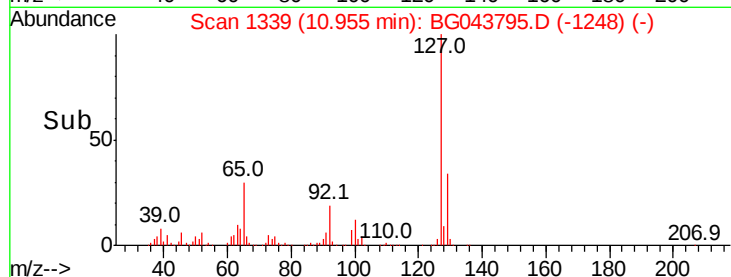
Abundance

Ion 129.00 (126.70 to 129.70): E

Ion 129.00 (128.70 to 129.70): E

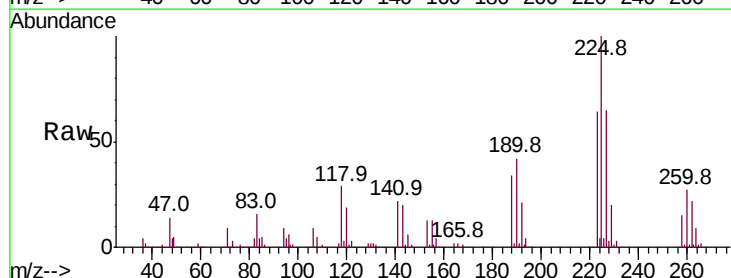
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 38.299 ng
RT: 11.16 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.3	73.9
227	65.2	50.2	75.2

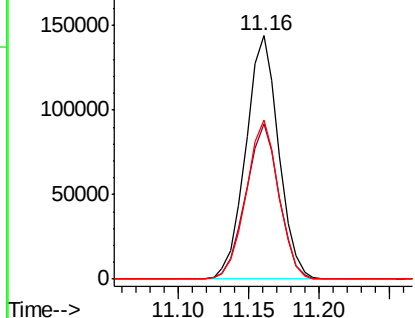
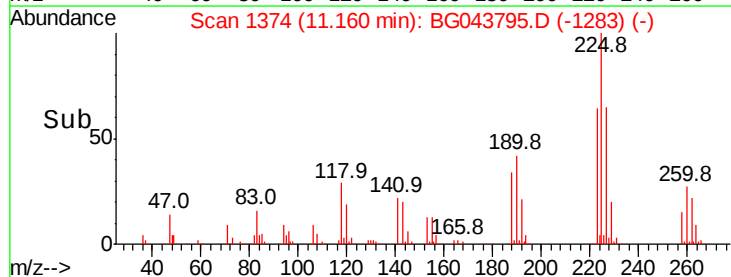


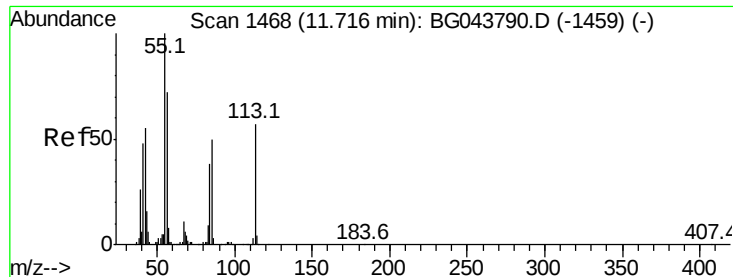
Abundance

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: 41.373 ng

RT: 11.72 min Scan# 1469

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Instrument :

BNA_G

ClientSampleId :

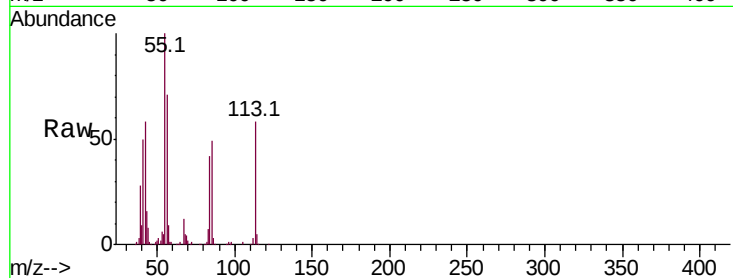
Tot Ion:113 Resp: 138889

Ion Ratio Lower Upper

113 100

55 172.8 154.2 194.2

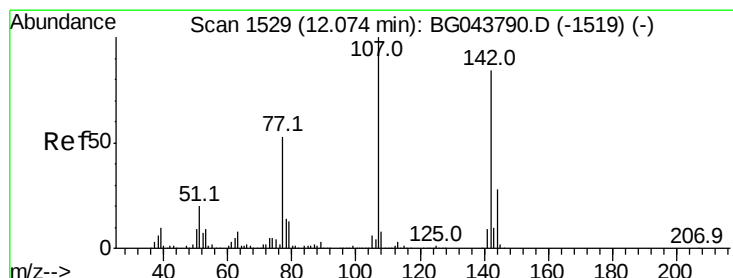
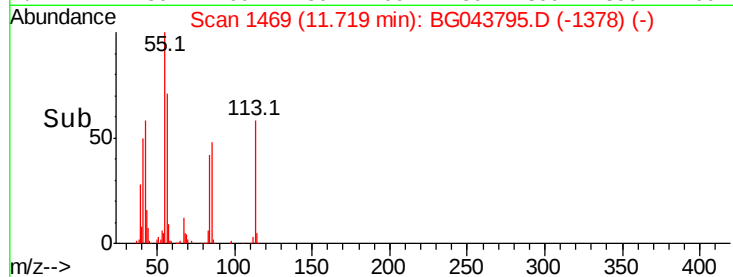
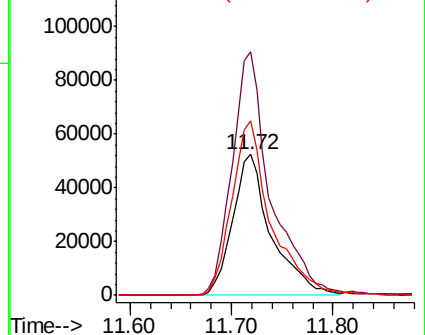
56 123.5 105.6 145.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 39.973 ng

RT: 12.08 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

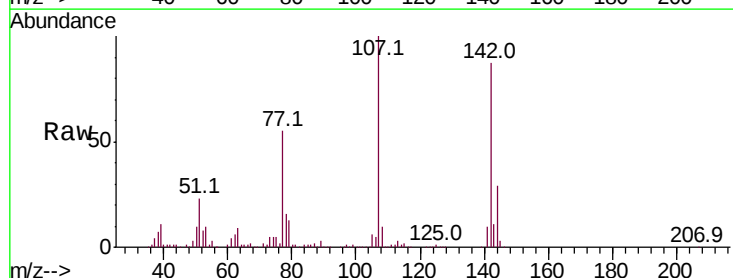
Tgt Ion:107 Resp: 368099

Ion Ratio Lower Upper

107 100

144 29.3 22.2 33.4

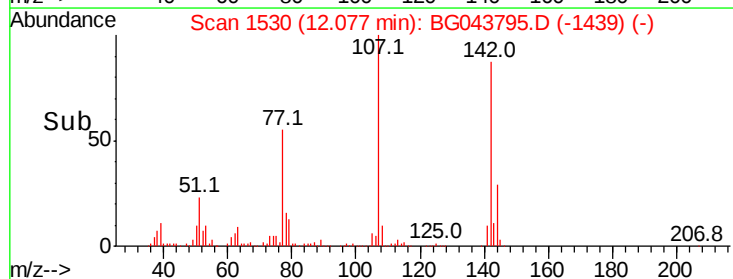
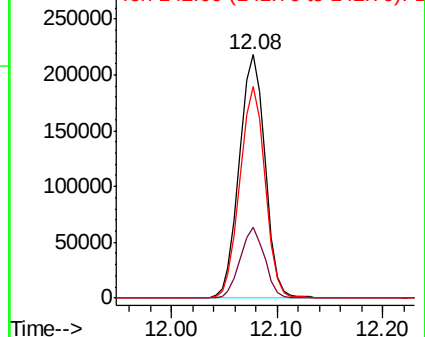
142 86.9 67.0 100.6

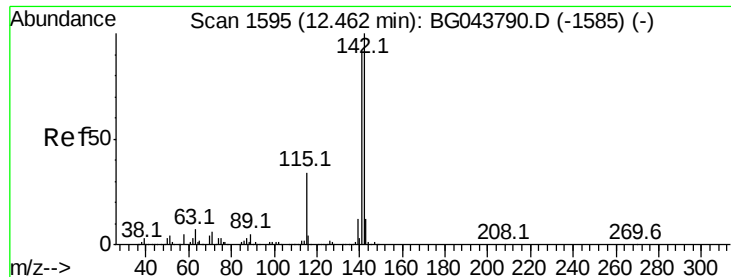


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.460 ng

RT: 12.46 min Scan# 1596

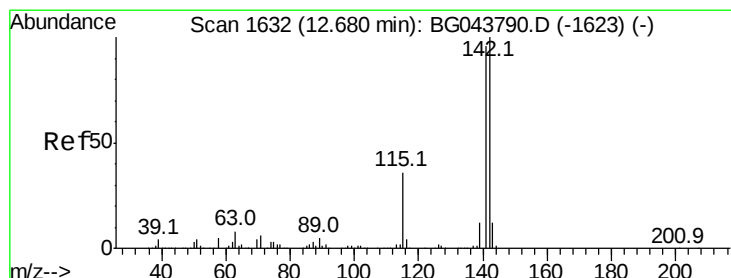
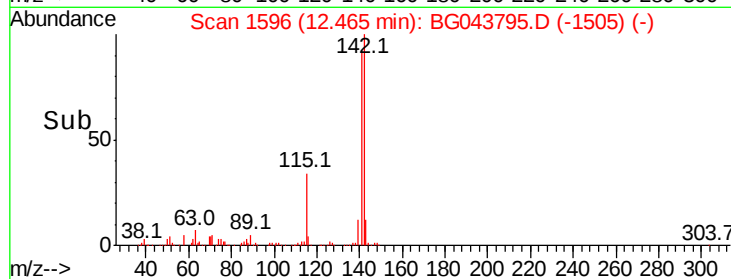
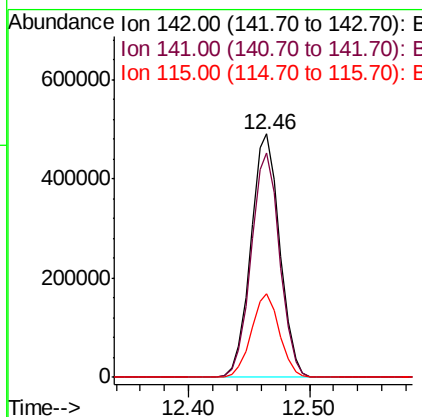
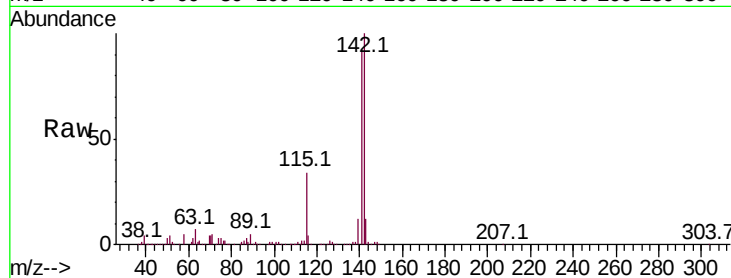
Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.2	109.8
115	34.1	27.3	40.9



#38

1-Methylnaphthalene

Concen: 39.558 ng

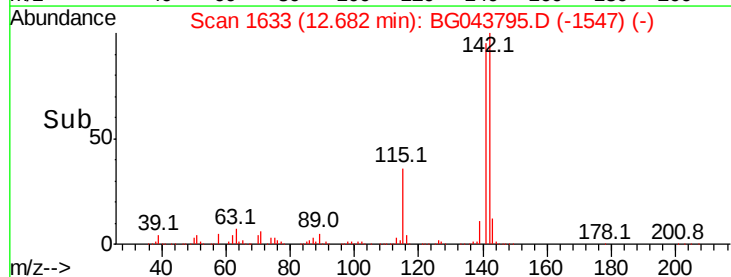
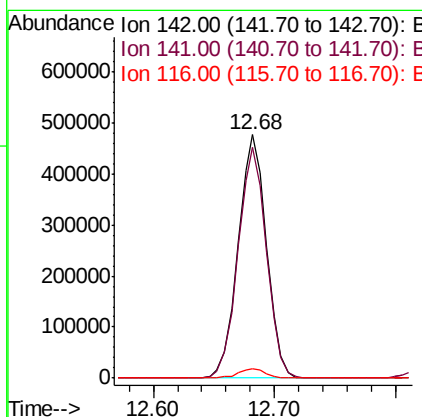
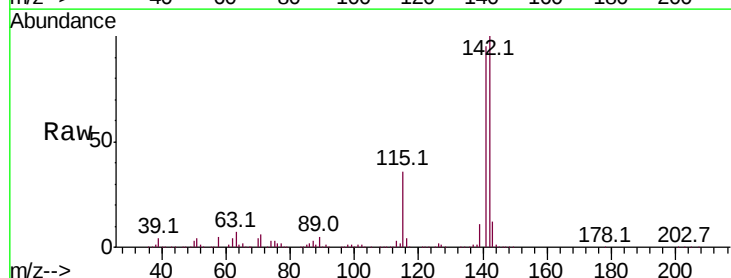
RT: 12.68 min Scan# 1633

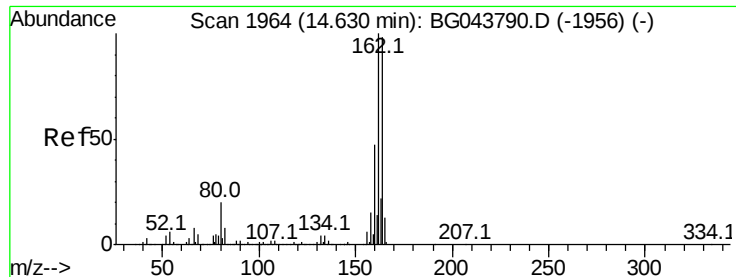
Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	76.9	115.3
116	4.0	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Instrument :

BNA_G

ClientSampleId :

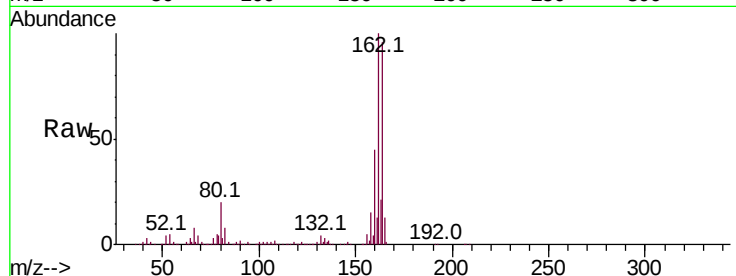
Tot Ion:164 Resp: 392289

Ion Ratio Lower Upper

164 100

162 104.3 81.9 122.9

160 46.6 38.3 57.5

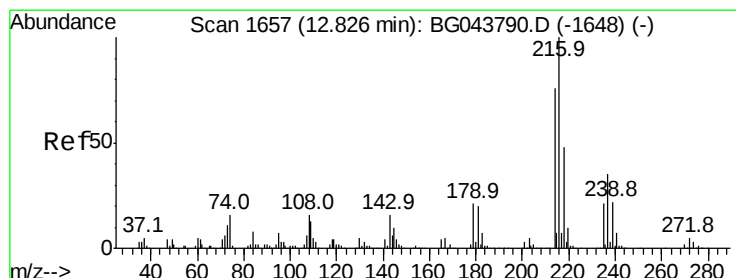
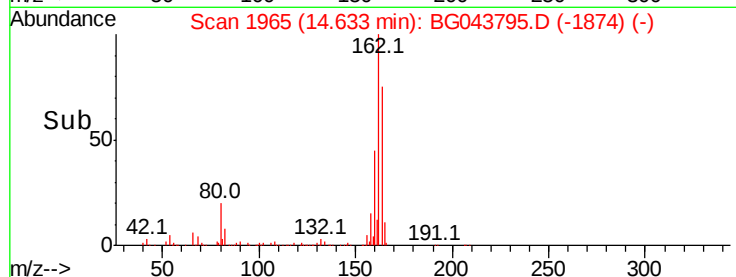
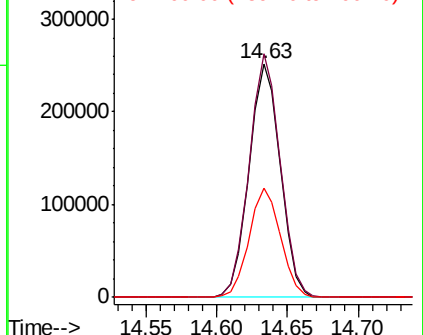


Abundance

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: 37.984 ng

RT: 12.83 min Scan# 1659

Delta R.T. 0.01 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Tgt Ion:216 Resp: 447751

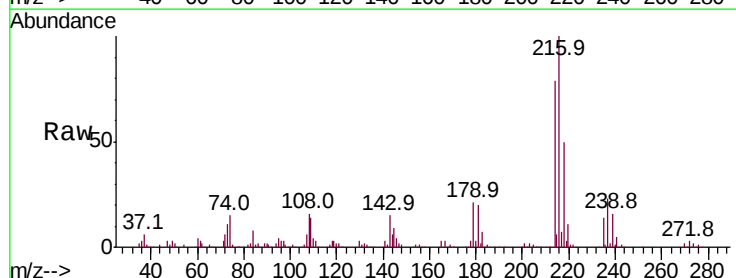
Ion Ratio Lower Upper

216 100

214 77.5 62.2 93.4

179 21.1 16.6 25.0

108 16.7 13.7 20.5



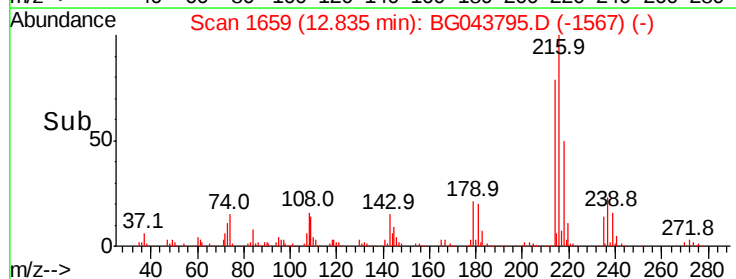
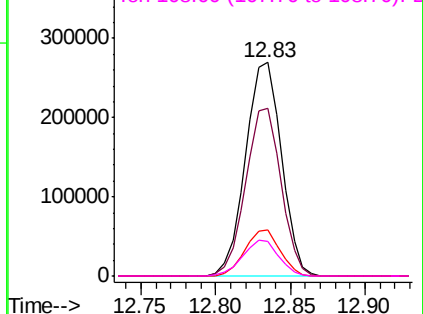
Abundance

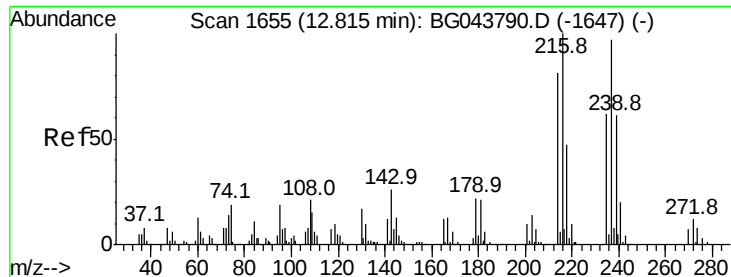
Ion 216.00 (215.70 to 216.70): E

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: 37.123 ng

RT: 12.82 min Scan# 1657

Delta R.T. 0.01 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Instrument :

BNA_G

ClientSampleId :

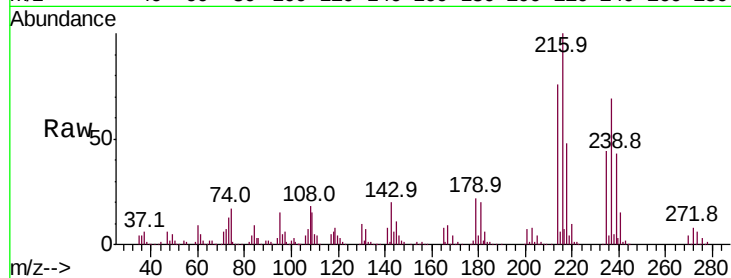
Tot Ion:237 Resp: 205398

Ion Ratio Lower Upper

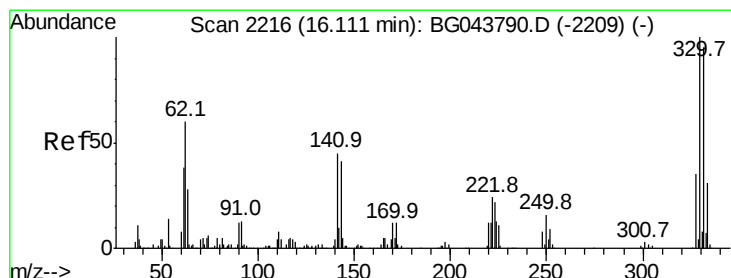
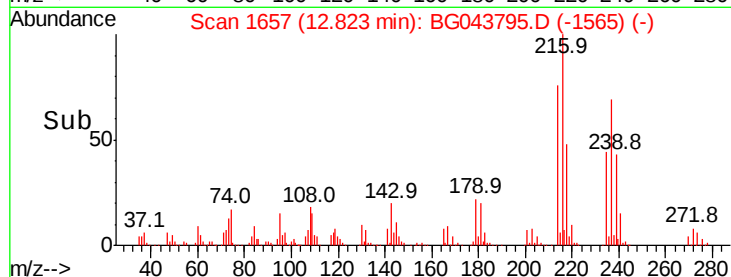
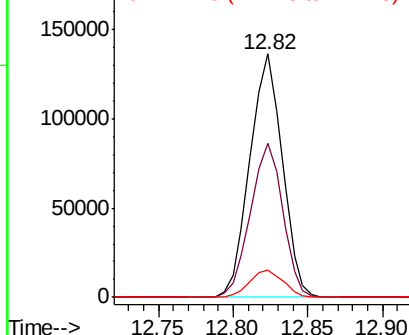
237 100

235 63.4 43.9 83.9

272 11.1 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: 82.048 ng

RT: 16.12 min Scan# 2218

Delta R.T. 0.01 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

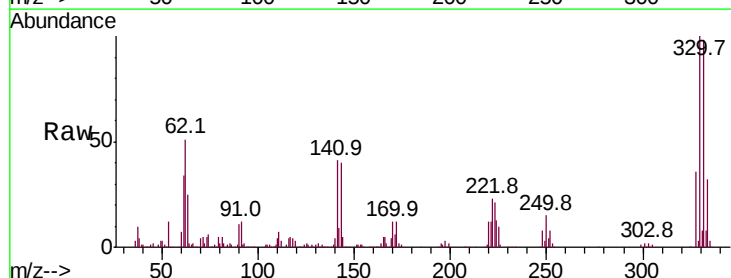
Tgt Ion:330 Resp: 306852

Ion Ratio Lower Upper

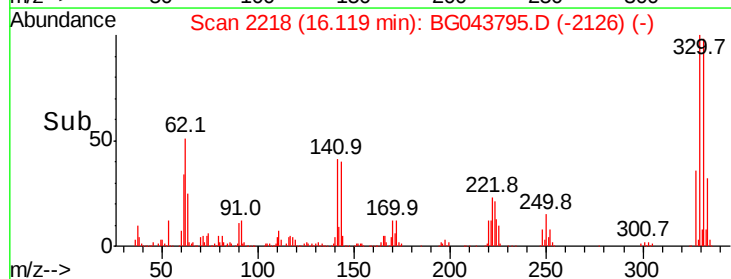
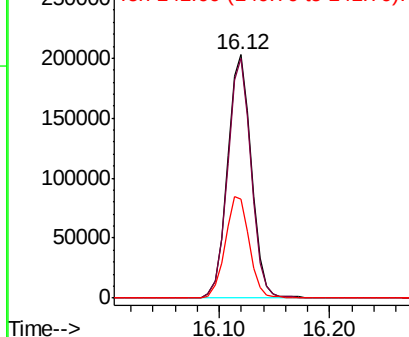
330 100

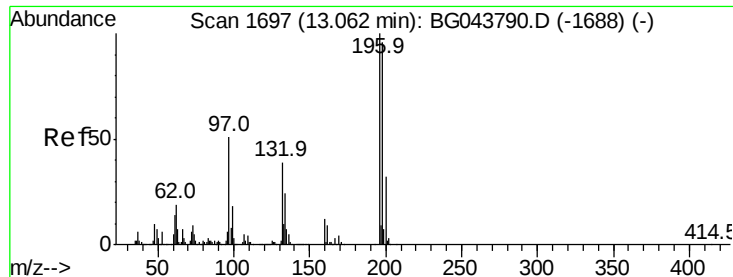
332 96.8 76.9 115.3

141 42.2 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

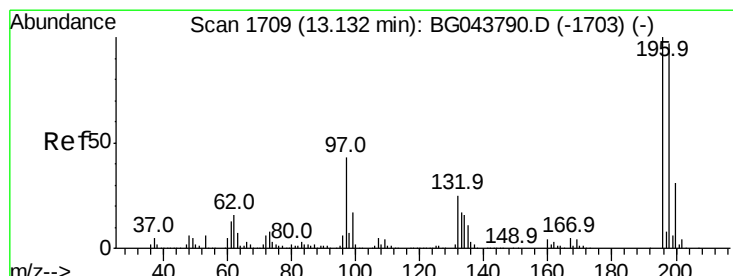
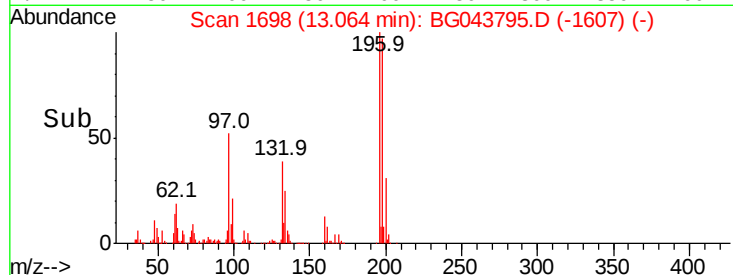
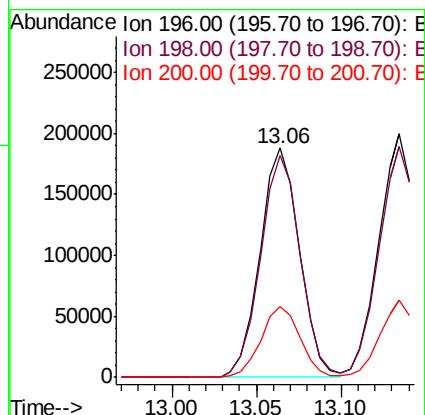
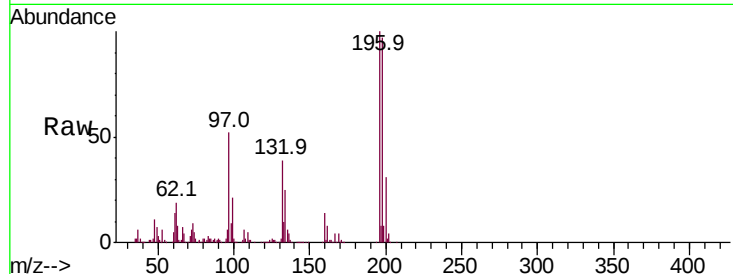




#43
 2,4,6-Trichlorophenol
 Concen: 40.488 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG043795.D
 Acq: 9 Dec 2019 18:07

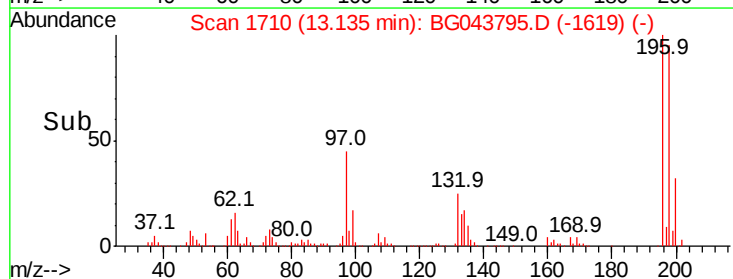
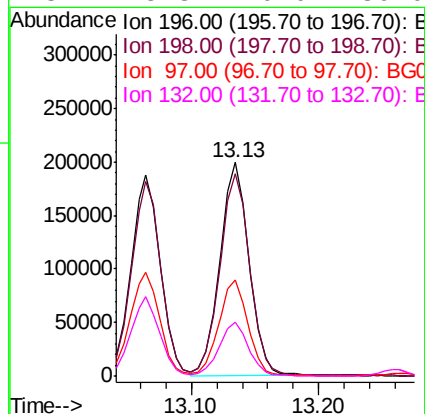
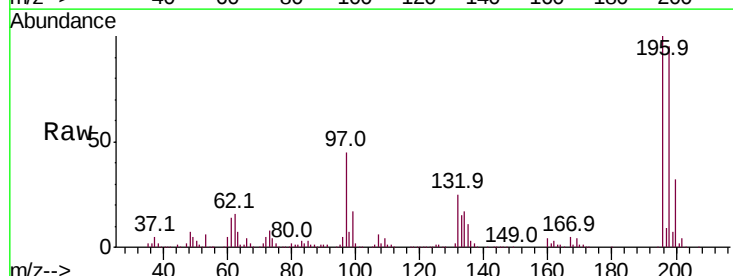
Instrument :
 BNA_G
 ClientSampled :

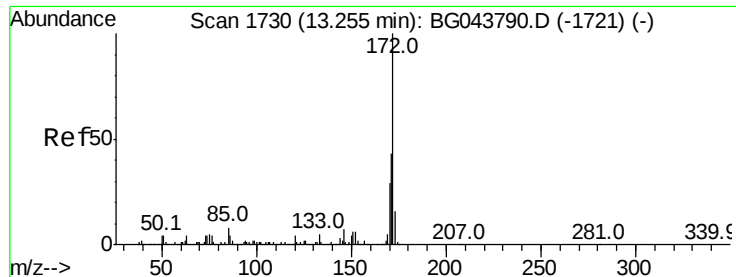
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.0	77.0	115.6
200	30.7	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 40.446 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG043795.D
 Acq: 9 Dec 2019 18:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	77.4	116.0
97	44.8	34.7	52.1
132	25.3	20.0	30.0

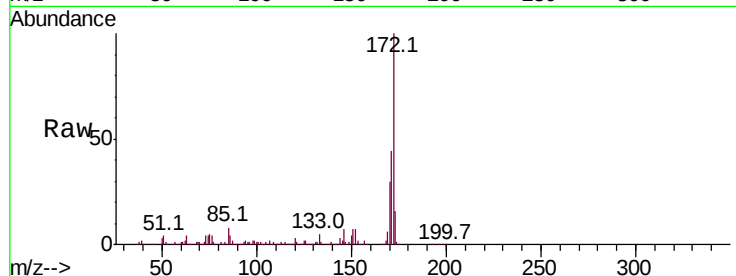




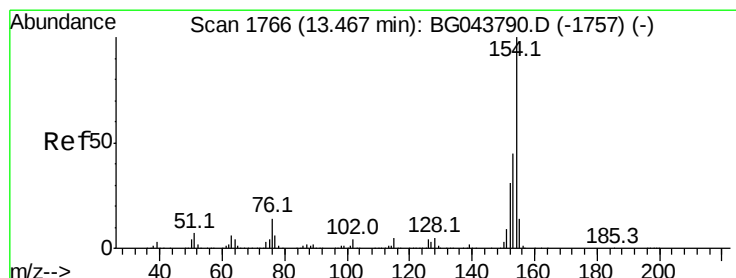
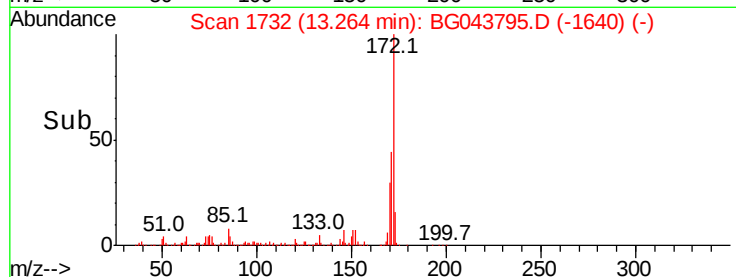
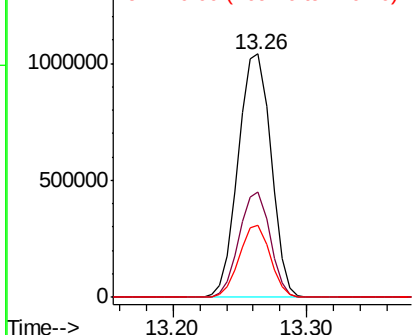
#45
2-Fluorobiphenyl
Concen: 79.231 ng
RT: 13.26 min Scan# 1732
Delta R.T. 0.01 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1769438
Ion Ratio Lower Upper
172 100
171 43.5 34.6 51.8
170 29.8 23.3 34.9

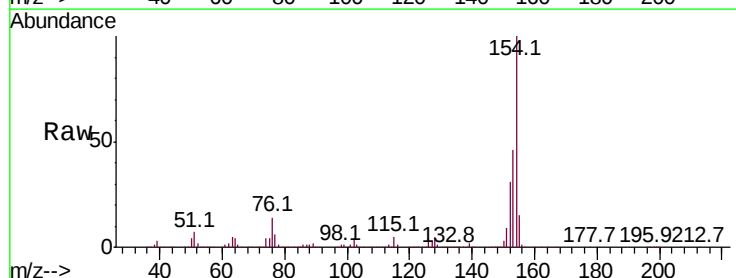


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

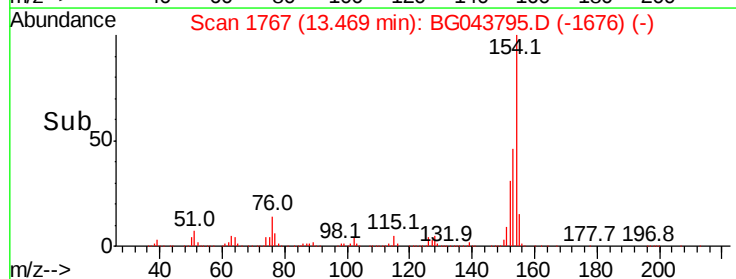
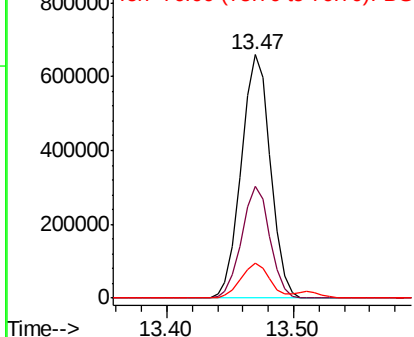


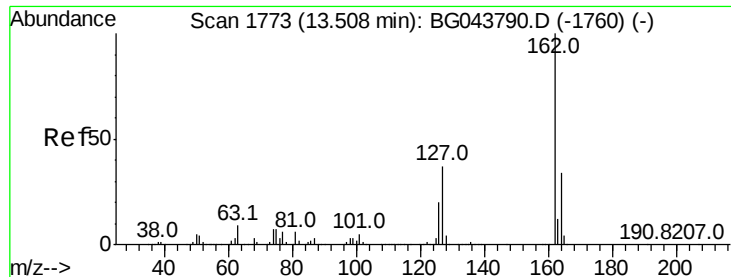
#46
1,1'-Biphenyl
Concen: 38.864 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion:154 Resp: 1051078
Ion Ratio Lower Upper
154 100
153 45.8 24.5 64.5
76 14.1 0.0 33.9



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

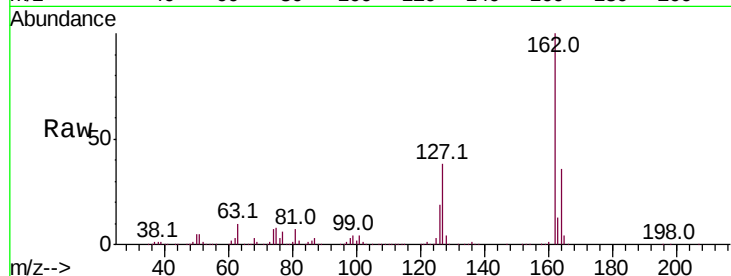




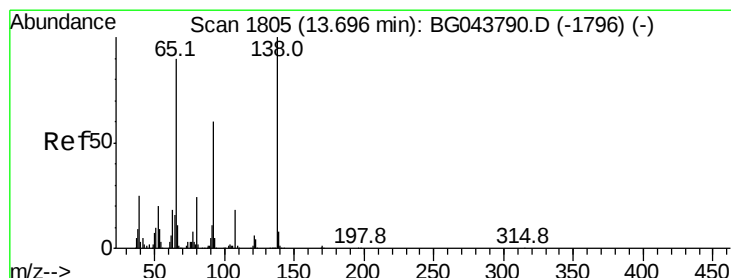
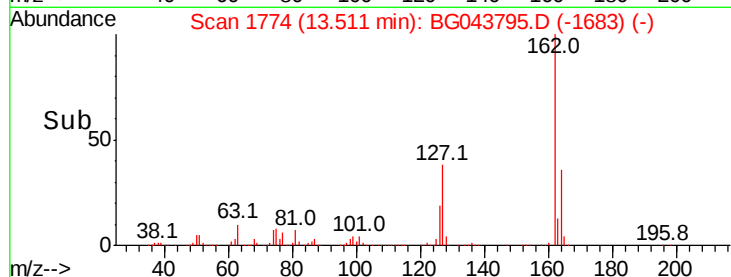
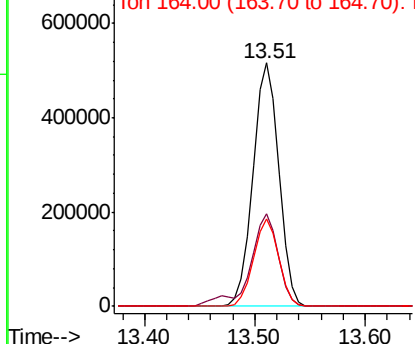
#47
2-Chloronaphthalene
Concen: 38.345 ng
RT: 13.51 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	30.0	45.0
164	35.8	27.6	41.4

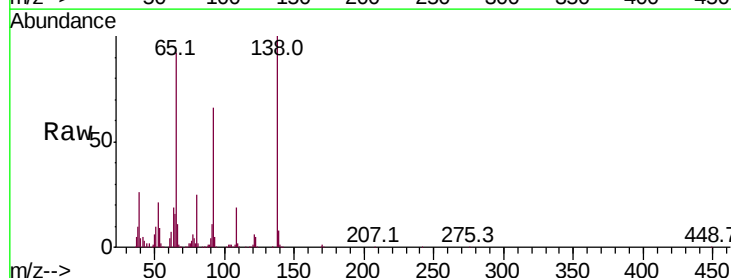


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

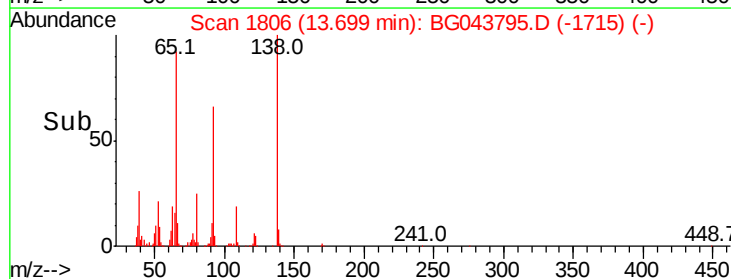
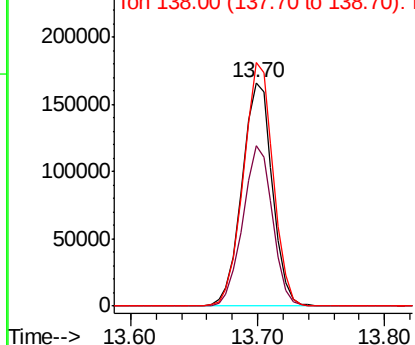


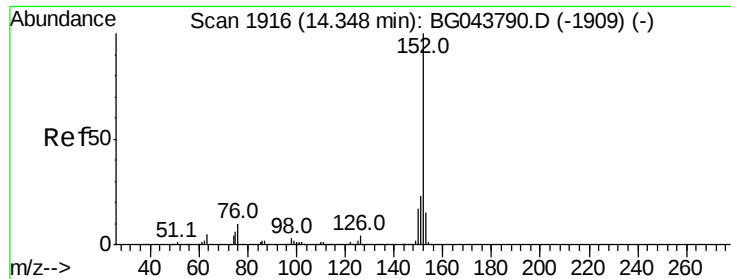
#48
2-Nitroaniline
Concen: 42.286 ng
RT: 13.70 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.8	53.7	80.5
138	109.1	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: 39.028 ng

RT: 14.36 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

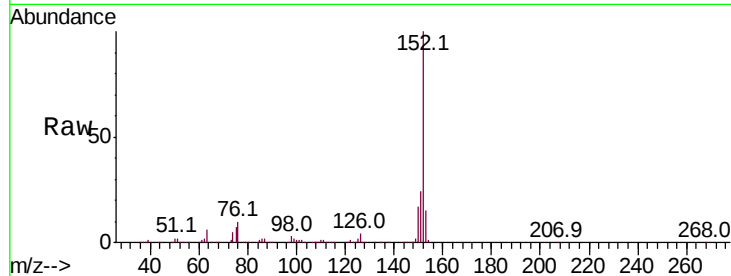
Instrument :

BNA_G

ClientSampled :

Tot Ion:152 Resp: 1285395

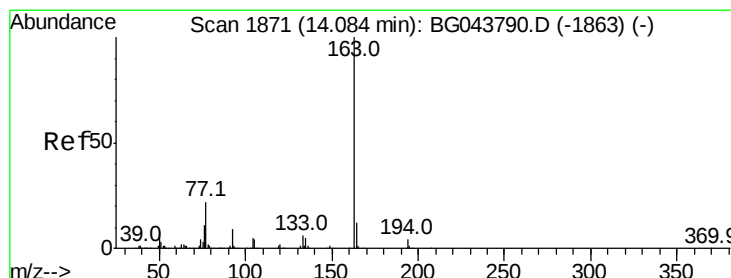
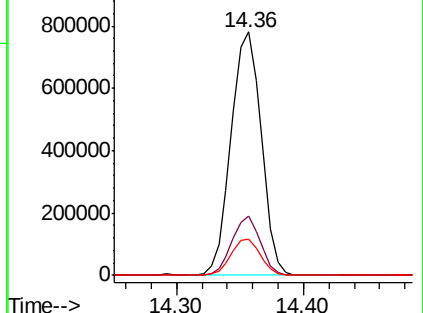
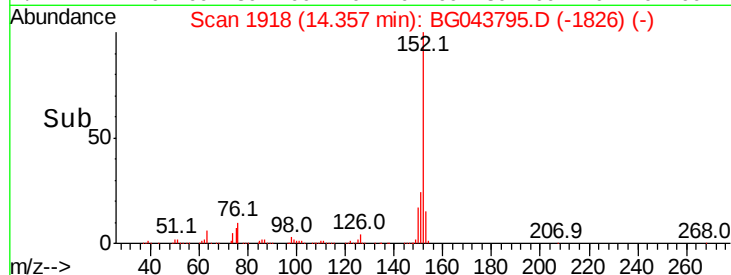
Ion	Ratio	Lower	Upper
152	100		
151	24.4	18.5	27.7
153	14.7	11.8	17.8



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: 40.144 ng

RT: 14.09 min Scan# 1873

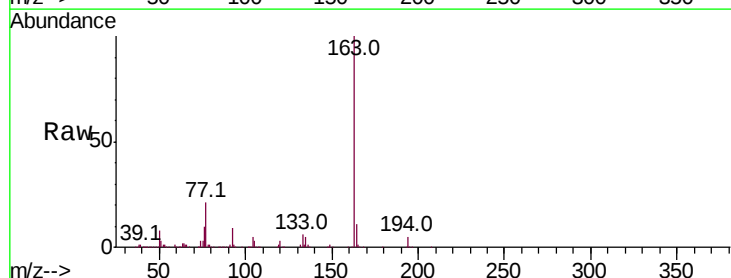
Delta R.T. 0.01 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Tgt Ion:163 Resp: 1124017

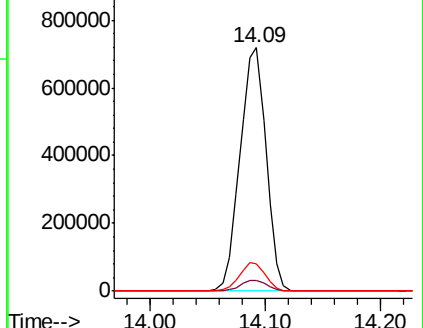
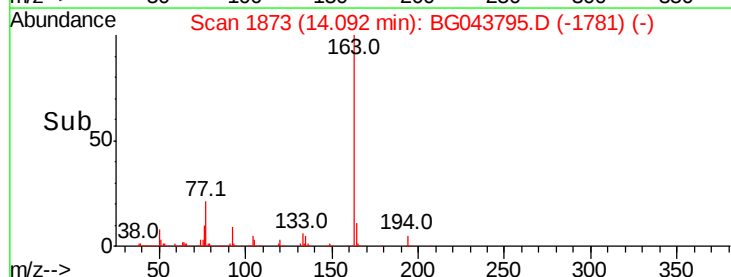
Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.6	5.4
164	11.4	9.4	14.0

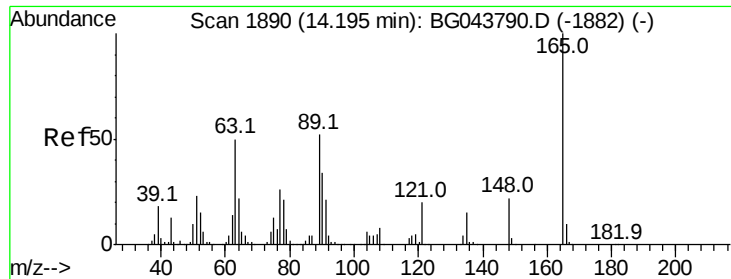


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

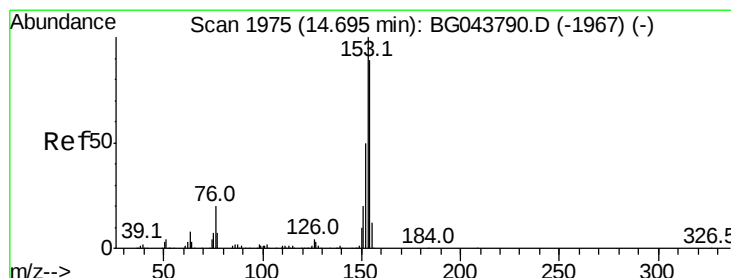
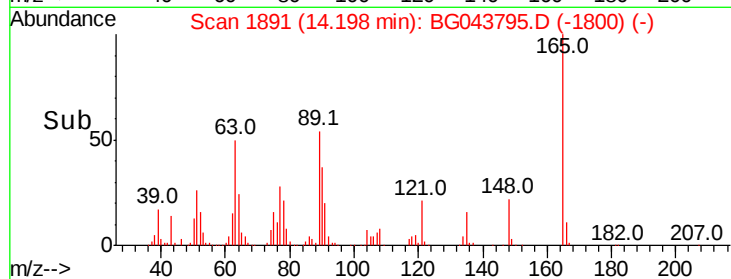
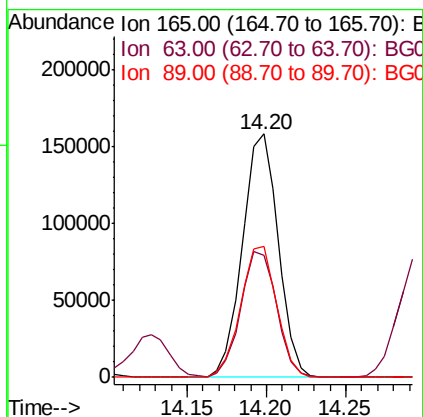
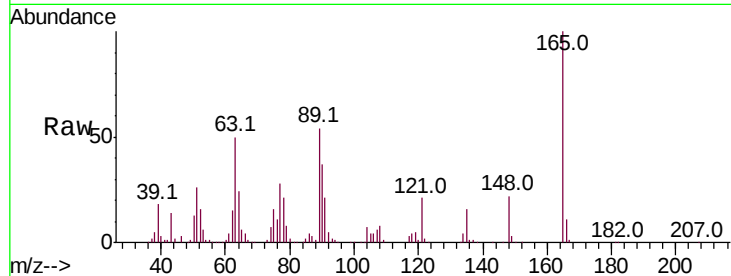




#51
 2,6-Dinitrotoluene
 Concen: 41.034 ng
 RT: 14.20 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: BG043795.D
 Acq: 9 Dec 2019 18:07

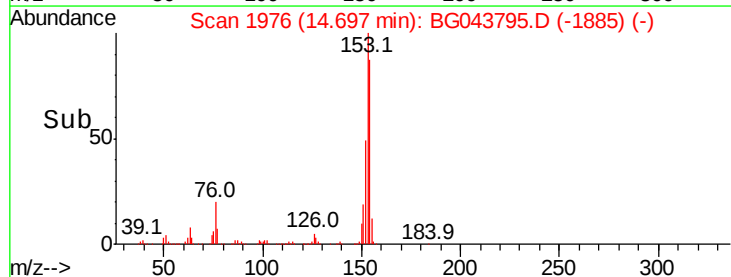
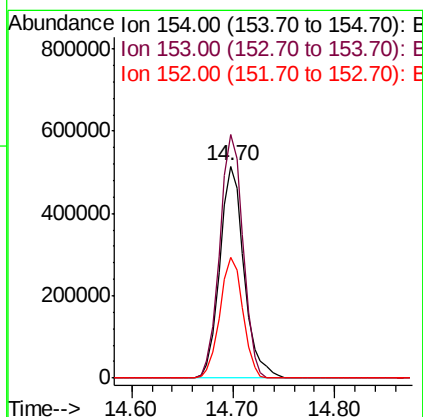
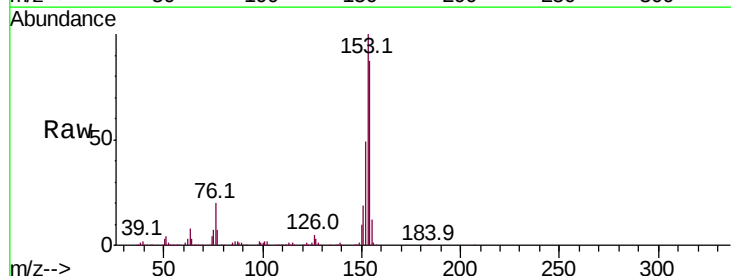
Instrument :
 BNA_G
 ClientSampled :

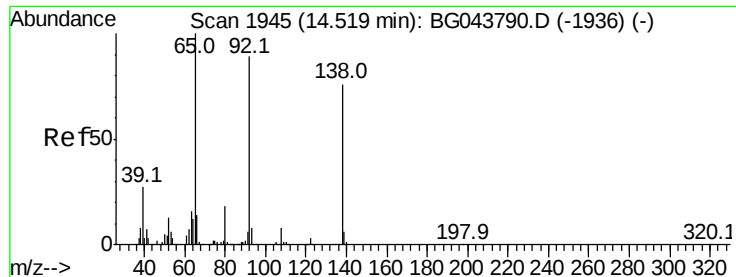
Tot Ion:165 Resp: 247595
 Ion Ratio Lower Upper
 165 100
 63 49.9 40.3 60.5
 89 53.6 41.8 62.8



#52
 Acenaphthene
 Concen: 39.275 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: BG043795.D
 Acq: 9 Dec 2019 18:07

Tgt Ion:154 Resp: 850959
 Ion Ratio Lower Upper
 154 100
 153 114.8 89.5 134.3
 152 56.7 45.0 67.4

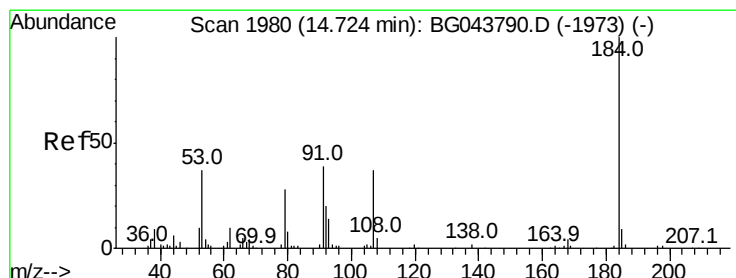
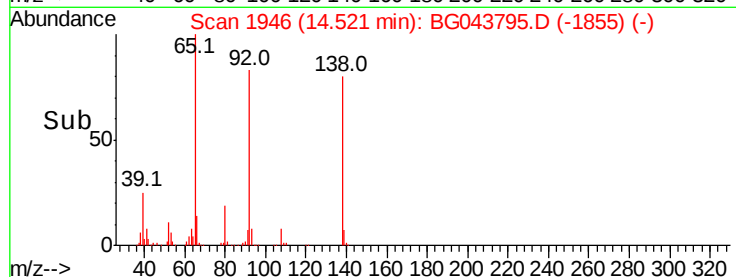
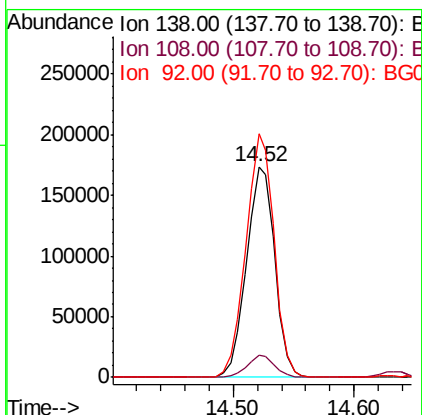
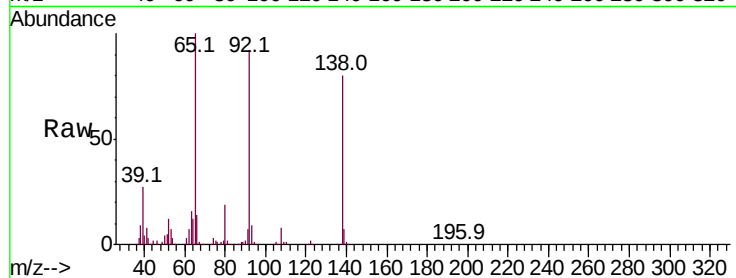




#53
3-Nitroaniline
Concen: 41.198 ng
RT: 14.52 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

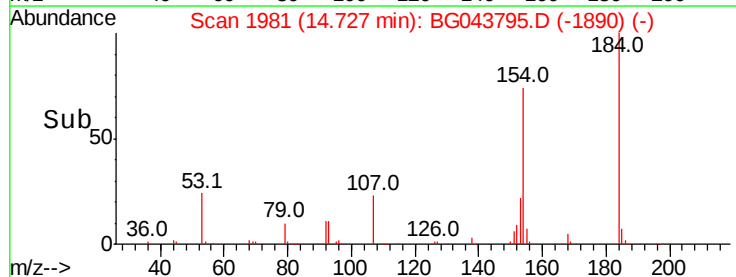
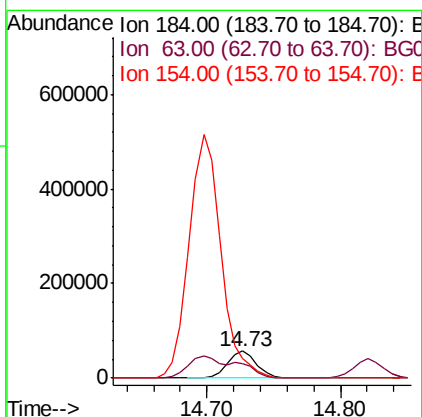
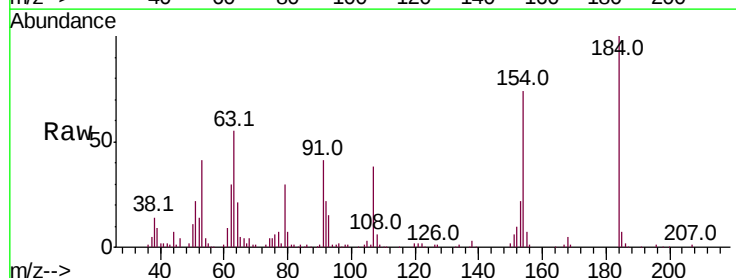
Instrument :
BNA_G
ClientSampleId :

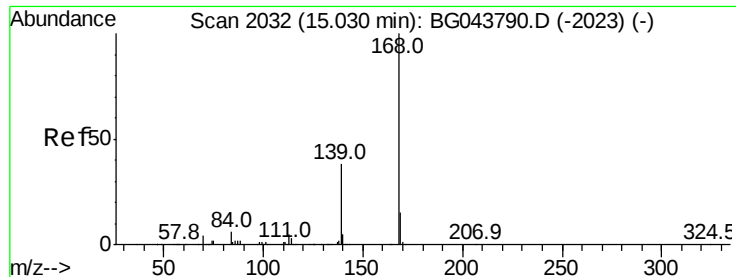
Tot Ion:138 Resp: 284474
Ion Ratio Lower Upper
138 100
108 10.4 8.1 12.1
92 115.4 94.6 141.8



#54
2,4-Dinitrophenol
Concen: 44.540 ng
RT: 14.73 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion:184 Resp: 88444
Ion Ratio Lower Upper
184 100
63 54.7 43.4 65.0
154 74.2 54.8 82.2

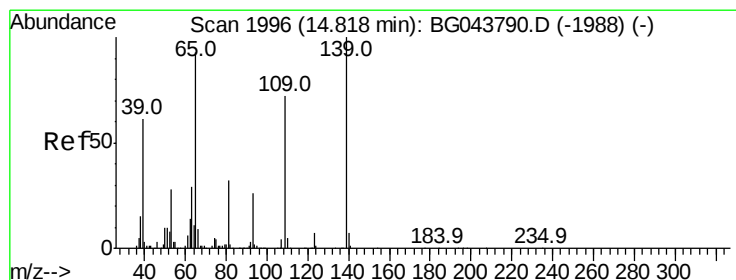
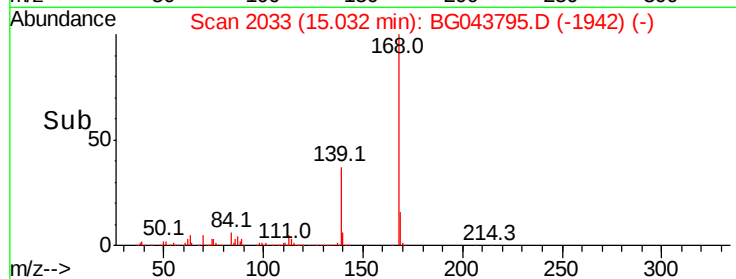
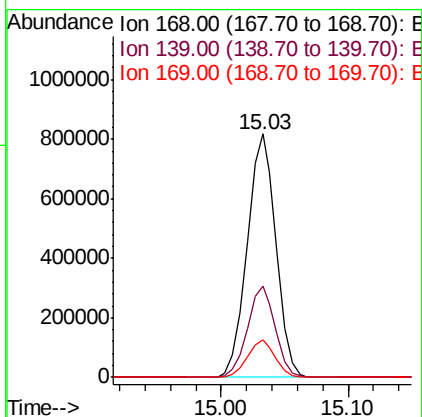
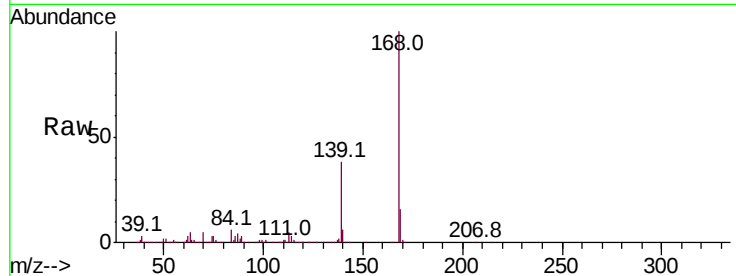




#55
Dibenzofuran
Concen: 39.948 ng
RT: 15.03 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

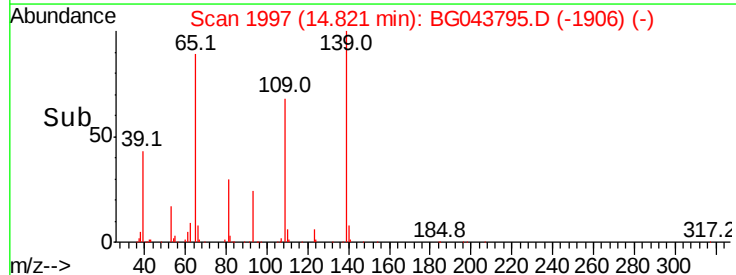
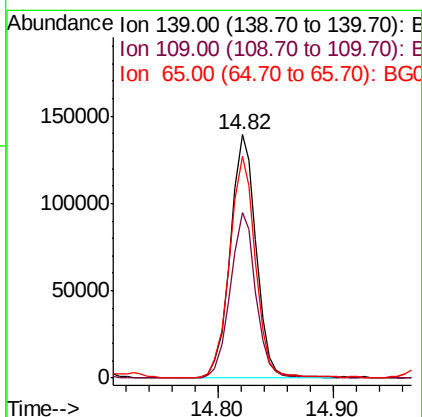
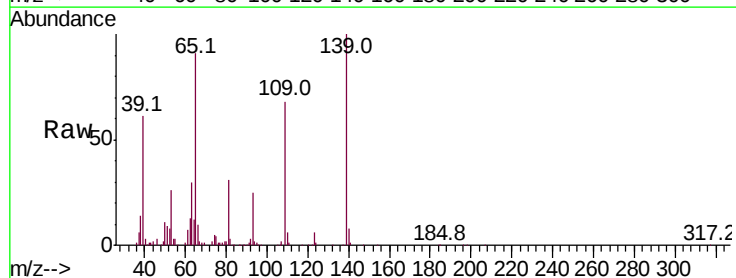
Instrument :
BNA_G
ClientSampleId :

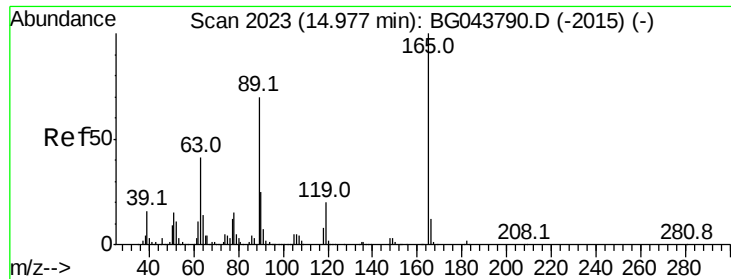
Tot Ion:168 Resp: 1281210
Ion Ratio Lower Upper
168 100
139 37.5 30.4 45.6
169 15.5 12.0 18.0



#56
4-Nitrophenol
Concen: 42.870 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion:139 Resp: 215958
Ion Ratio Lower Upper
139 100
109 67.9 51.5 91.5
65 91.3 73.7 113.7

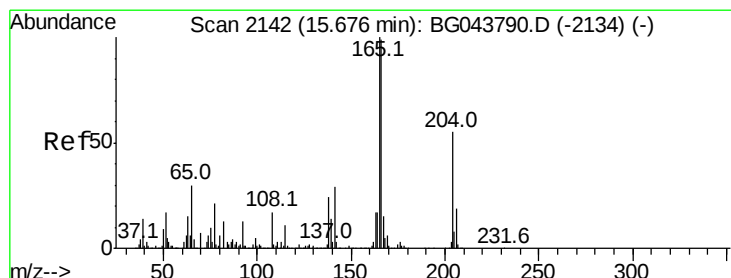
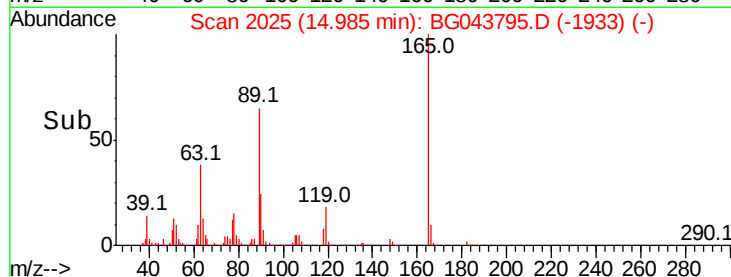
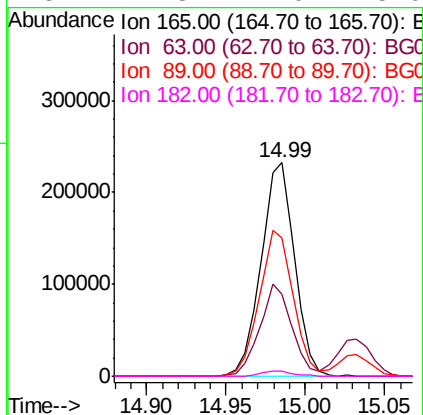
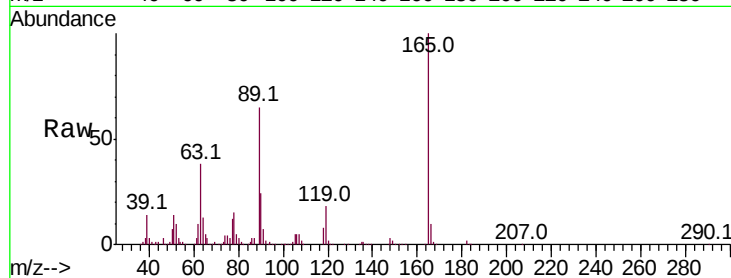




#57
2,4-Dinitrotoluene
Concen: 41.872 ng
RT: 14.99 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

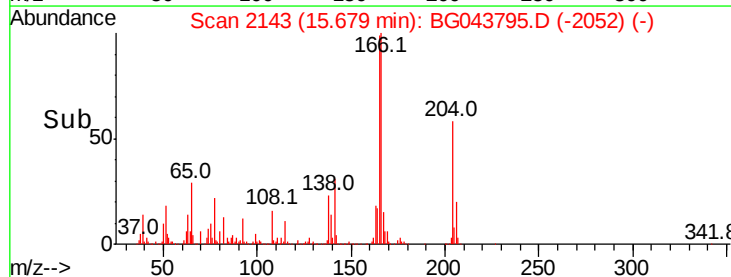
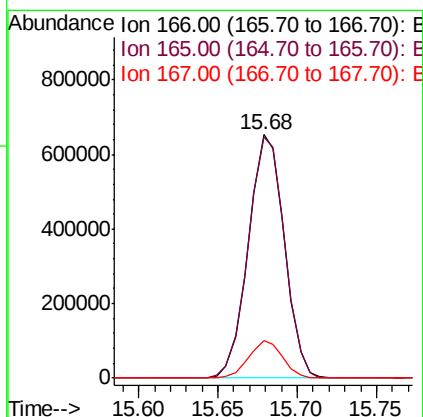
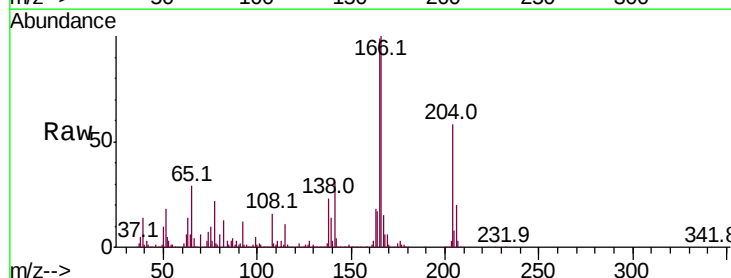
Instrument :
BNA_G
ClientSampleId :

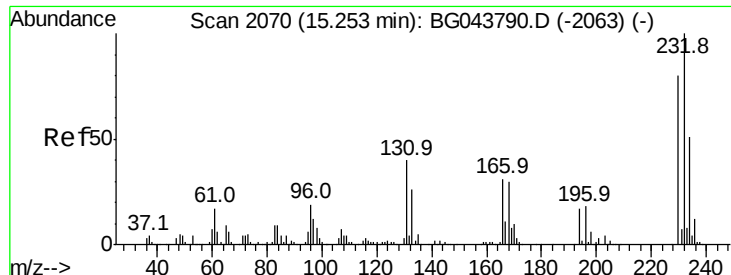
Tot Ion:	165	Resp:	341391
Ion	Ratio	Lower	Upper
165	100		
63	38.2	32.7	49.1
89	64.6	56.1	84.1
182	2.3	2.0	3.0



#58
Fluorene
Concen: 39.736 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion:	166	Resp:	1027211
Ion	Ratio	Lower	Upper
166	100		
165	98.8	80.5	120.7
167	15.3	12.1	18.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.362 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.08 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 284263

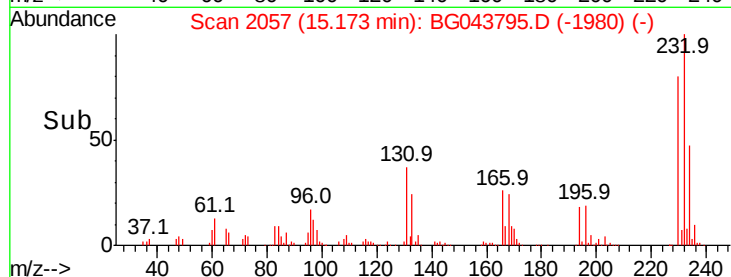
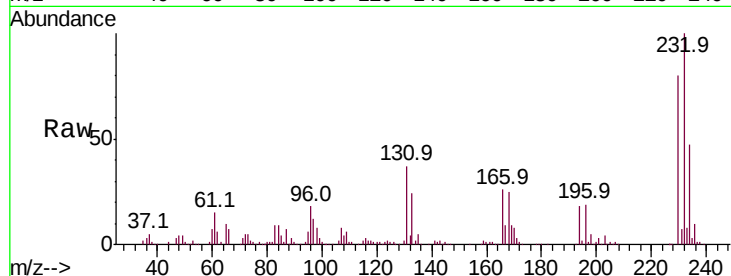
Ion Ratio Lower Upper

232 100

131 37.2 27.9 41.9

130 2.3 1.8 2.8

166 26.2 19.4 29.2

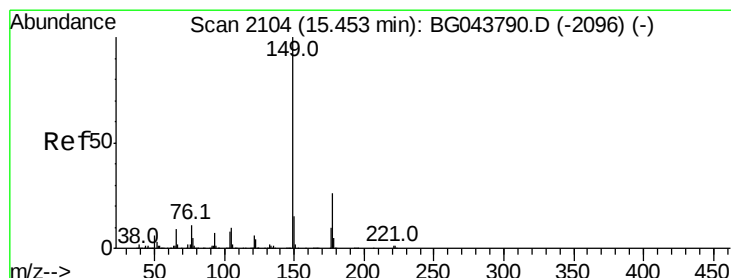
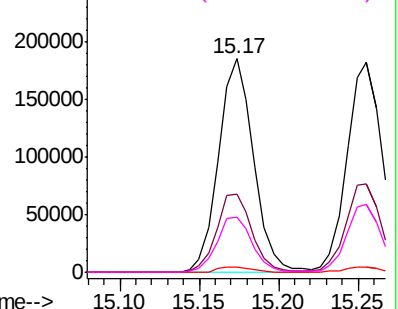


Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.024 ng

RT: 15.46 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

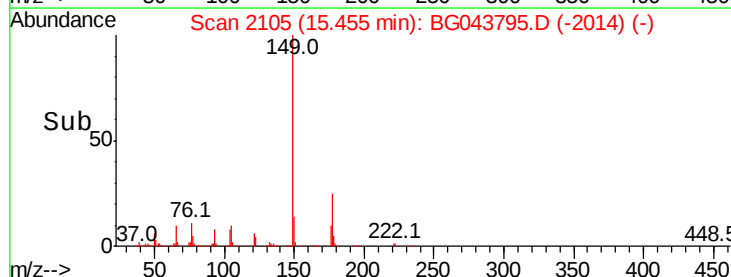
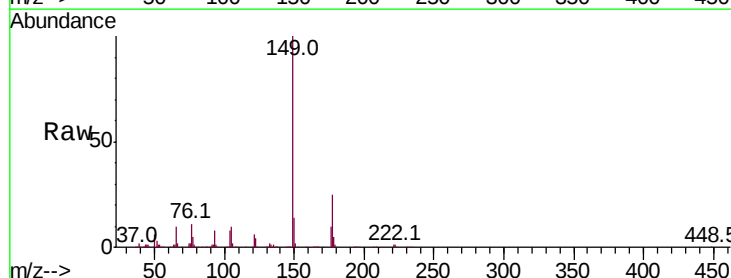
Tgt Ion:149 Resp: 1119388

Ion Ratio Lower Upper

149 100

177 25.3 20.4 30.6

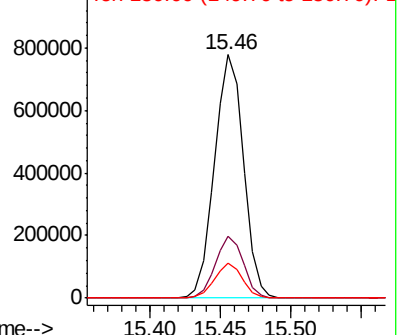
150 14.2 11.6 17.4

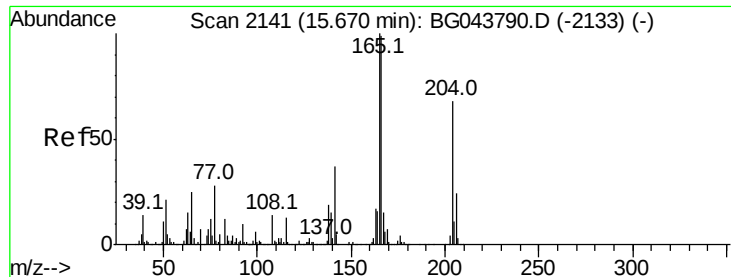


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

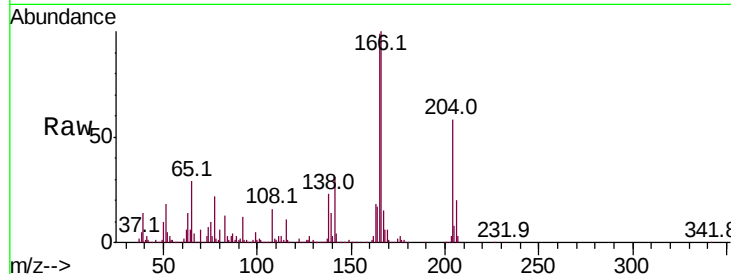




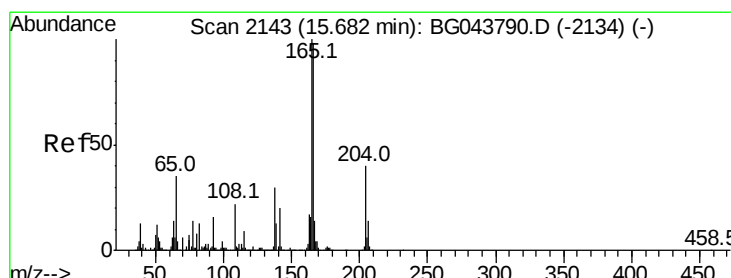
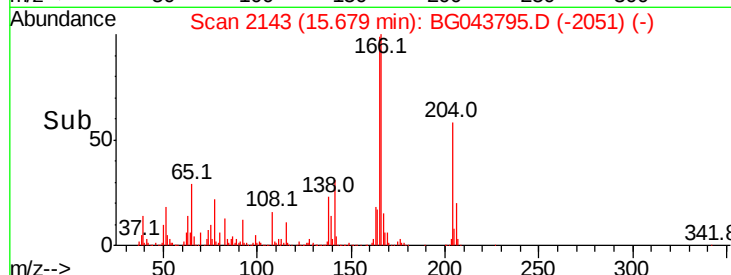
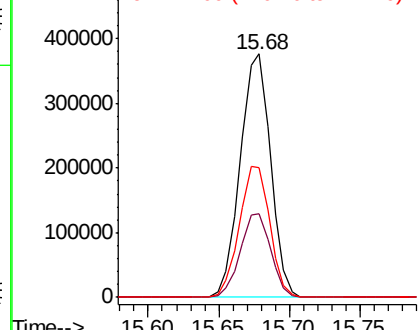
#61
4-Chlorophenyl-phenylether
Concen: 39.082 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.01 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 565819
Ion Ratio Lower Upper
204 100
206 34.2 28.1 42.1
141 53.1 44.1 66.1

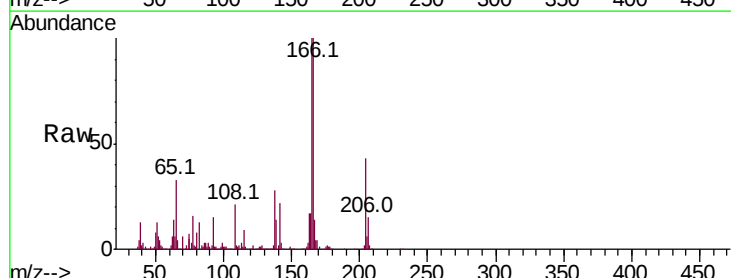


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

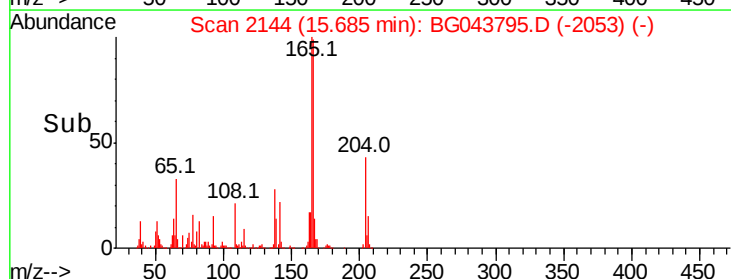
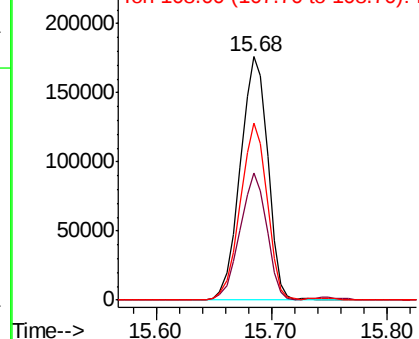


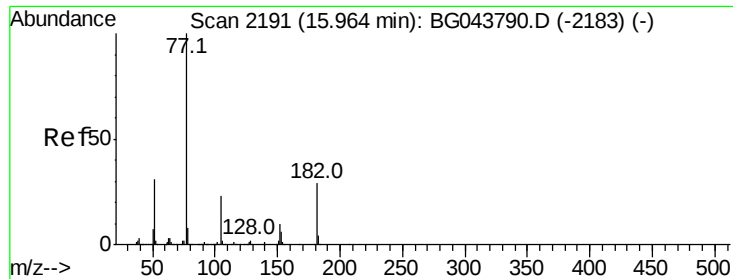
#62
4-Nitroaniline
Concen: 40.498 ng
RT: 15.68 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion:138 Resp: 289742
Ion Ratio Lower Upper
138 100
92 52.1 31.5 71.5
108 72.6 53.1 93.1



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 39.456 ng

RT: 15.97 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 1013766

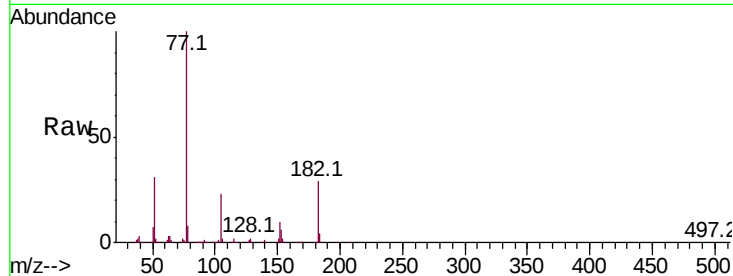
Ion	Ratio	Lower	Upper
77	100		
182	28.5	9.0	49.0
105	22.7	2.9	42.9
51	31.2	10.6	50.6

77 100

182 28.5 9.0 49.0

105 22.7 2.9 42.9

51 31.2 10.6 50.6

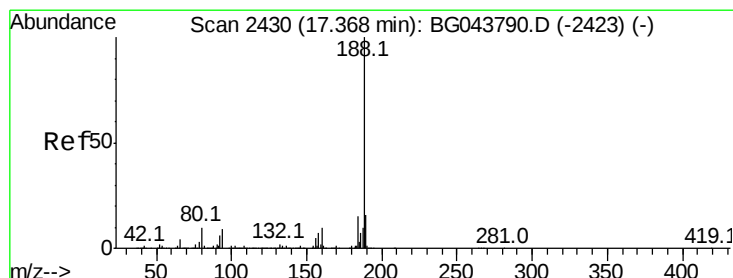
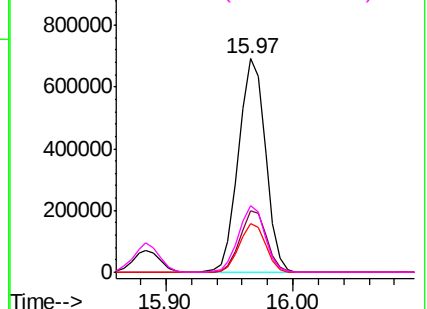
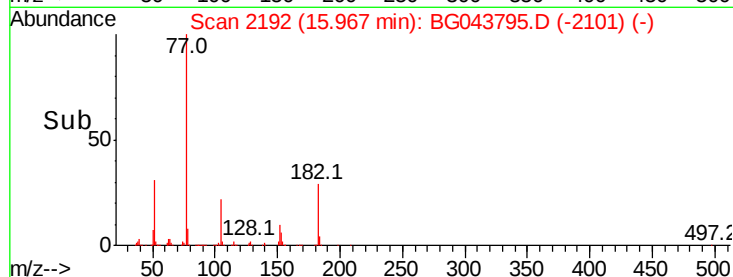


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.38 min Scan# 2432

Delta R.T. 0.01 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

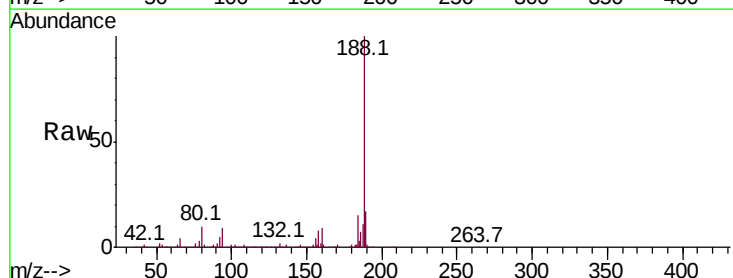
Tgt Ion: 188 Resp: 878797

Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.9	10.3
80	9.6	7.8	11.8

188 100

94 9.4 6.9 10.3

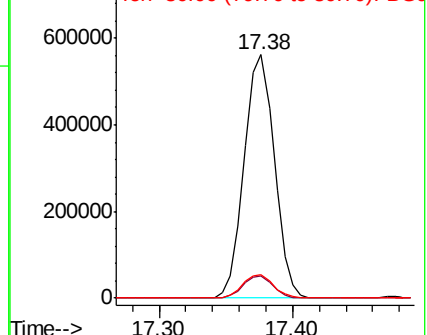
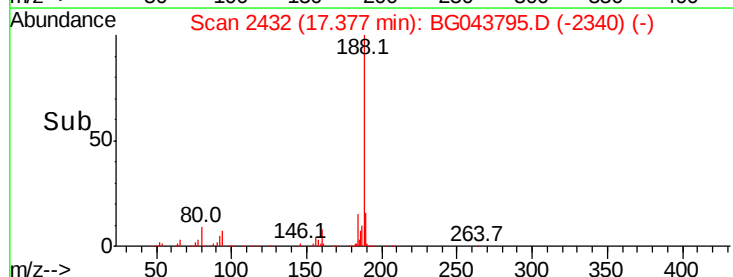
80 9.6 7.8 11.8

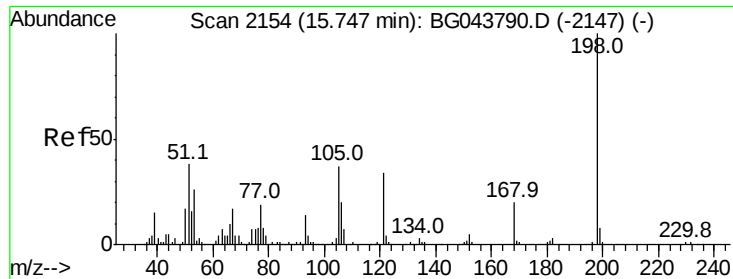


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 39.623 ng

RT: 15.75 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

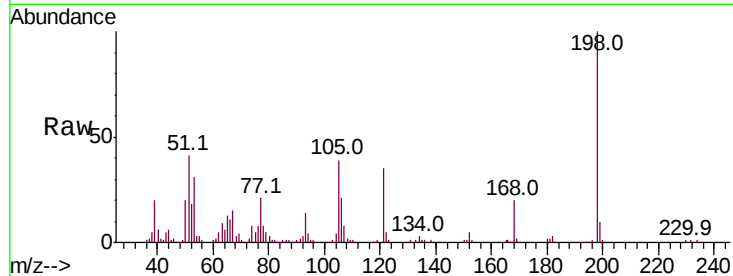
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 127331

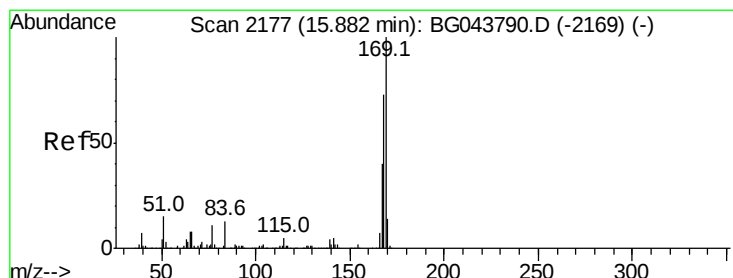
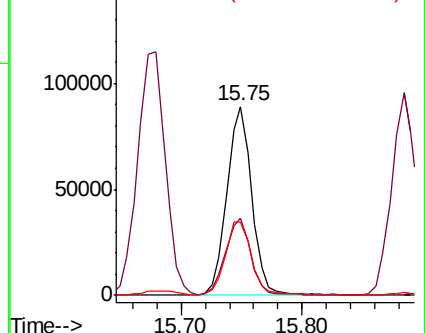
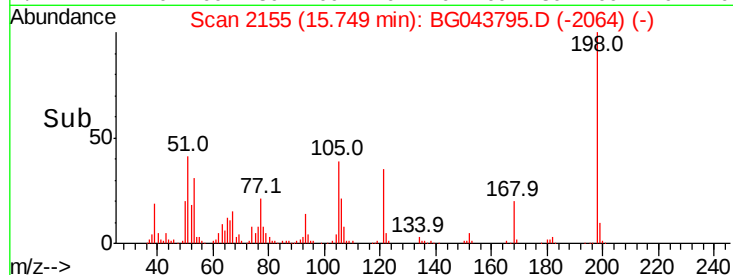
Ion	Ratio	Lower	Upper
198	100		
51	40.7	18.9	58.9
105	38.6	18.1	58.1



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: 39.048 ng

RT: 15.88 min Scan# 2178

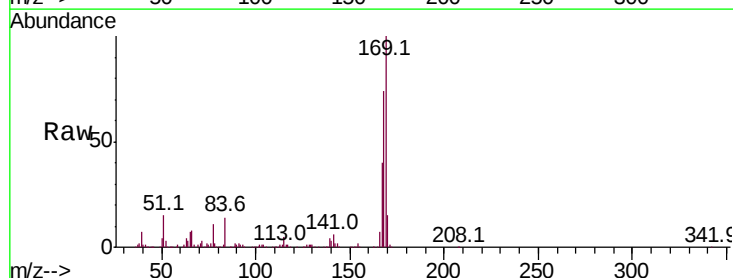
Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Tgt Ion:169 Resp: 953755

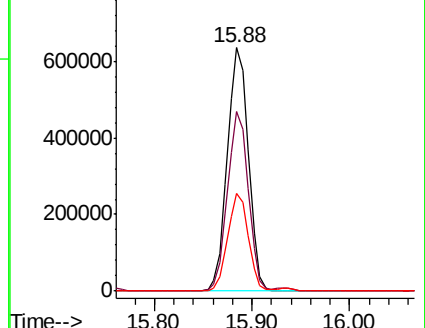
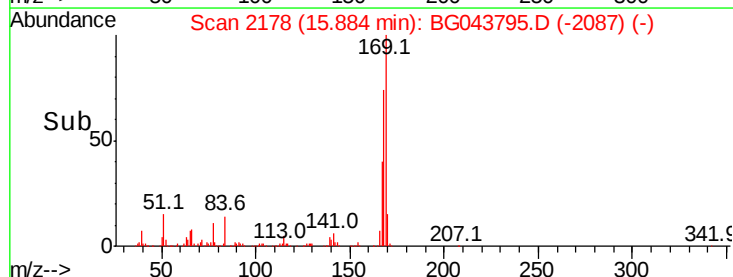
Ion	Ratio	Lower	Upper
169	100		
168	73.6	58.5	87.7
167	40.3	32.1	48.1

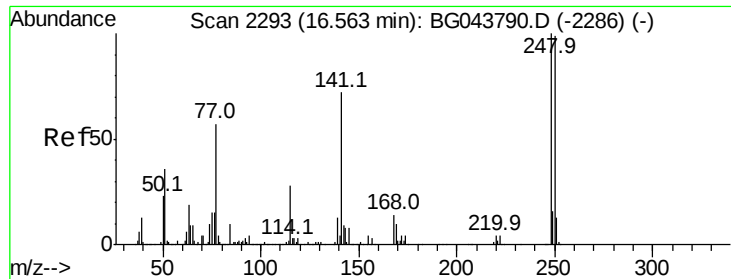


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

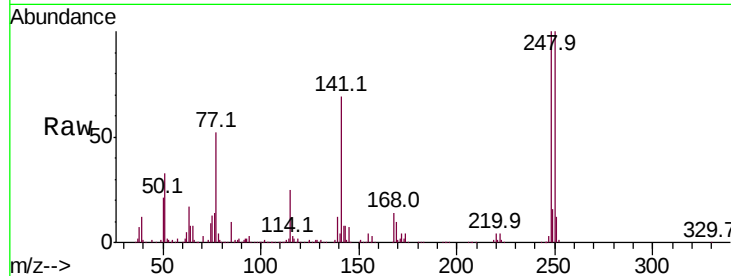




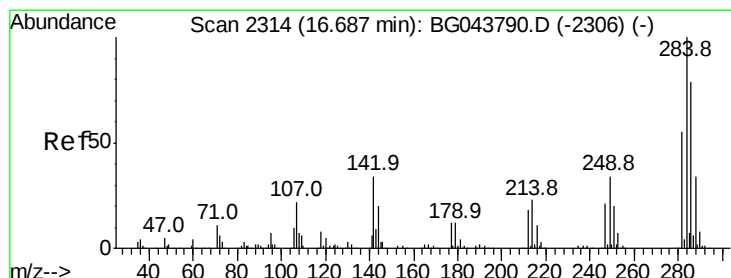
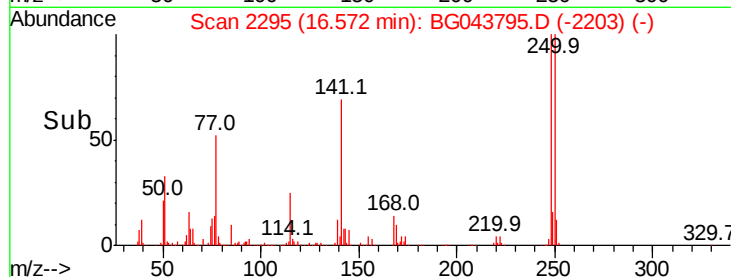
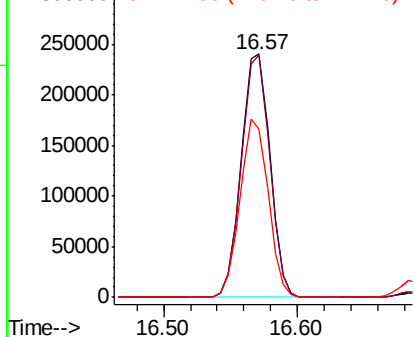
#67
4-Bromophenyl-phenylether
Concen: 38.065 ng
RT: 16.57 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 357634
Ion Ratio Lower Upper
248 100
250 99.6 79.0 118.6
141 68.8 57.8 86.6

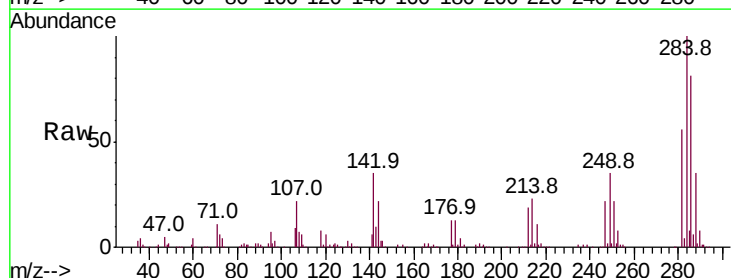


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

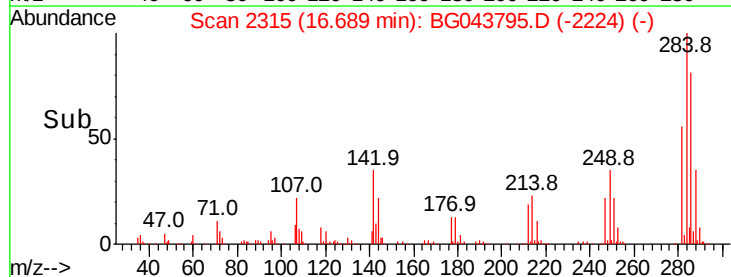
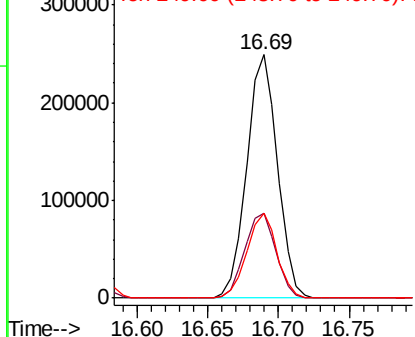


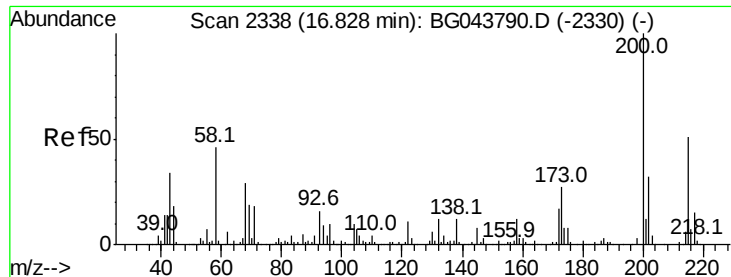
#68
Hexachlorobenzene
Concen: 38.036 ng
RT: 16.69 min Scan# 2315
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion:284 Resp: 379027
Ion Ratio Lower Upper
284 100
142 34.7 27.0 40.6
249 34.7 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

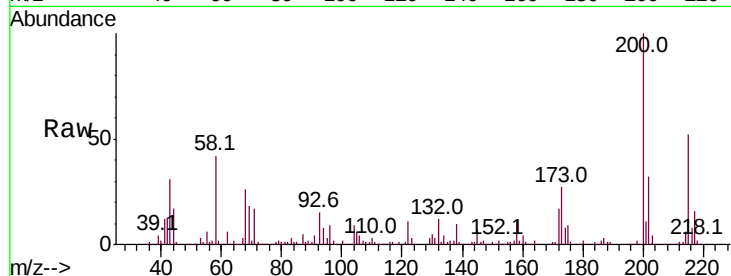




#69
 Atrazine
 Concen: 37.951 ng
 RT: 16.84 min Scan# 2340
 Delta R.T. 0.01 min
 Lab File: BG043795.D
 Acq: 9 Dec 2019 18:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	7.4	47.4
215	51.8	30.5	70.5

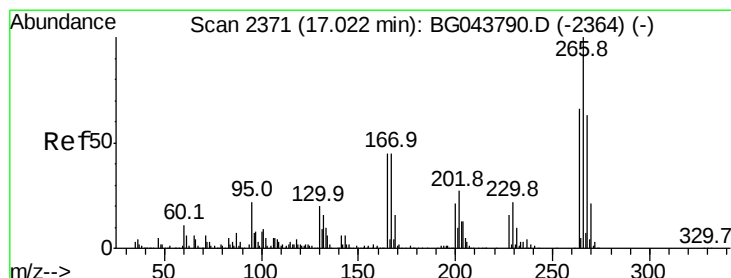
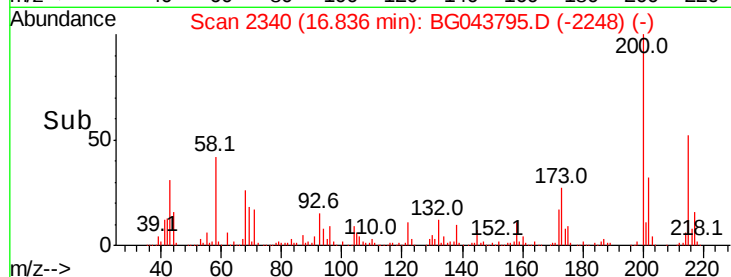
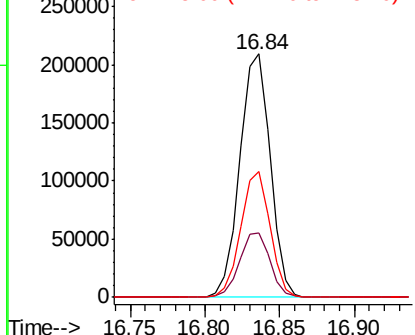


Abundance

Ion 200.00 (199.70 to 200.70): E

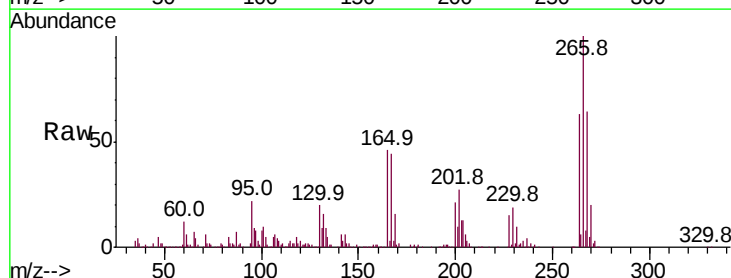
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 41.920 ng
 RT: 17.02 min Scan# 2372
 Delta R.T. 0.00 min
 Lab File: BG043795.D
 Acq: 9 Dec 2019 18:07

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	50.8	76.2
264	63.4	53.0	79.4

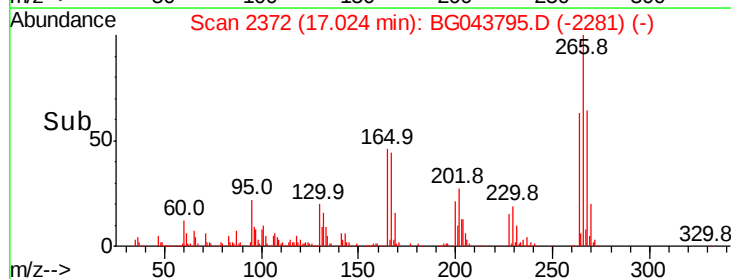
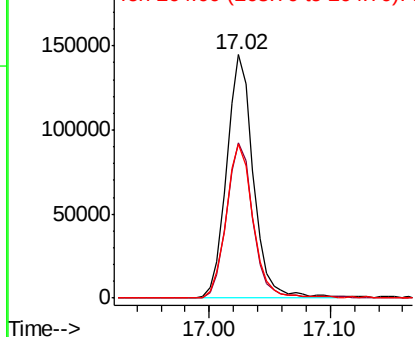


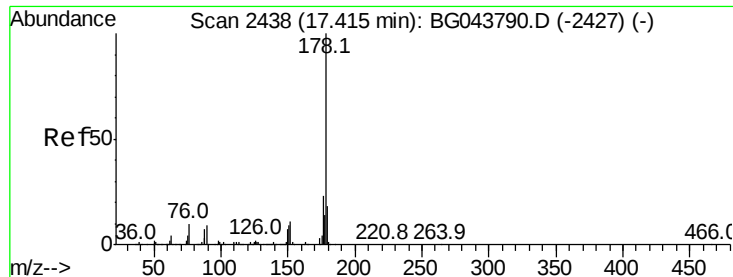
Abundance

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: 39.521 ng

RT: 17.42 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

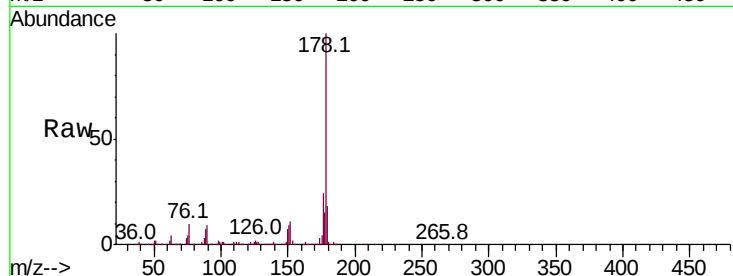
Instrument :

BNA_G

ClientSampled :

Tot Ion:178 Resp: 1644171

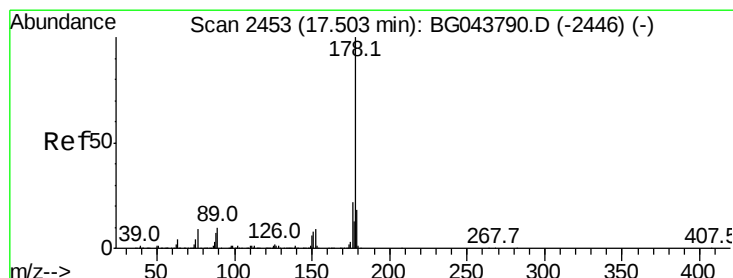
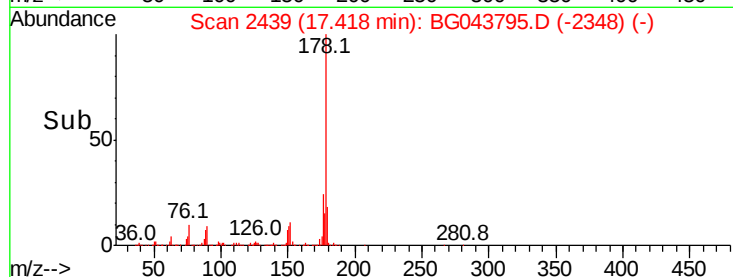
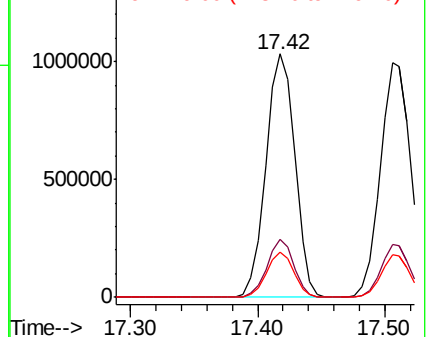
Ion	Ratio	Lower	Upper
178	100		
176	23.7	18.6	27.8
179	18.4	14.7	22.1



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: 39.950 ng

RT: 17.51 min Scan# 2454

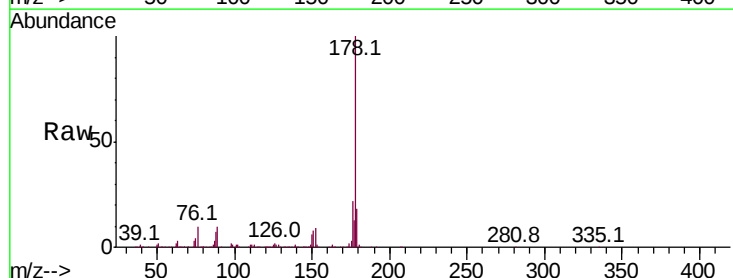
Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Tgt Ion:178 Resp: 1645224

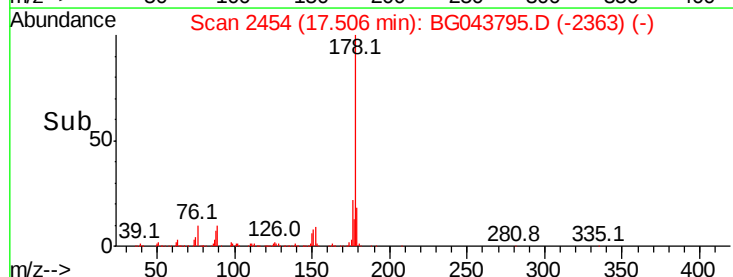
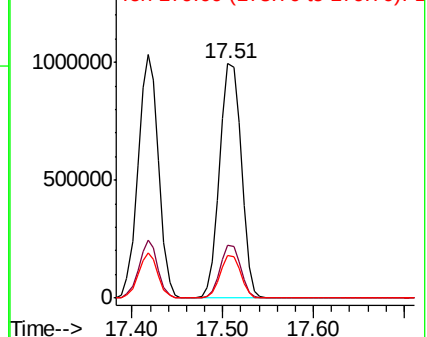
Ion	Ratio	Lower	Upper
178	100		
176	22.5	17.7	26.5
179	18.0	14.5	21.7

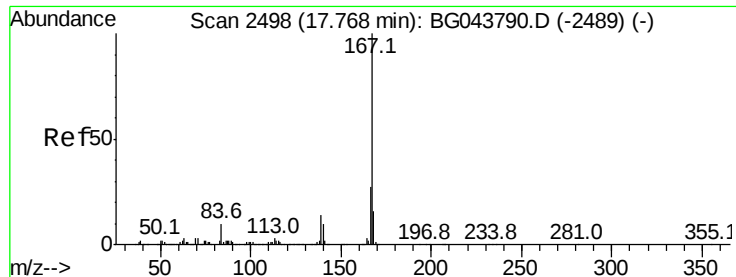


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.232 ng

RT: 17.77 min Scan# 2499

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

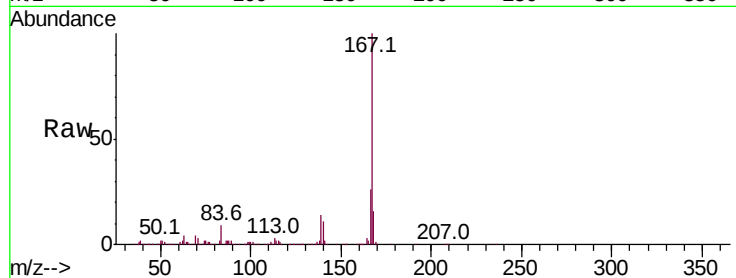
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 1510290

Ion	Ratio	Lower	Upper
167	100		
166	26.4	21.4	32.2
139	14.1	11.0	16.4

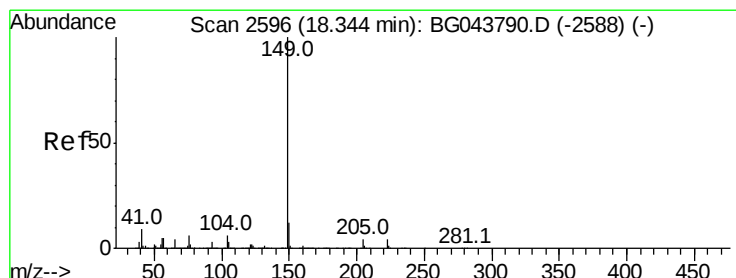
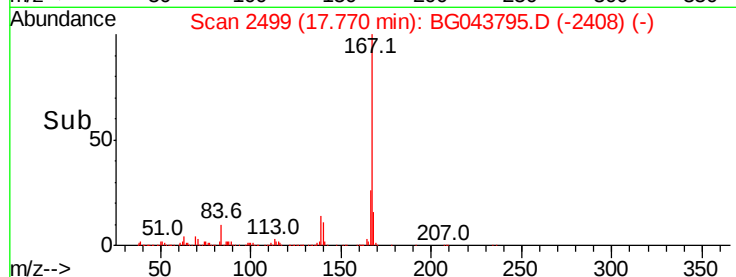
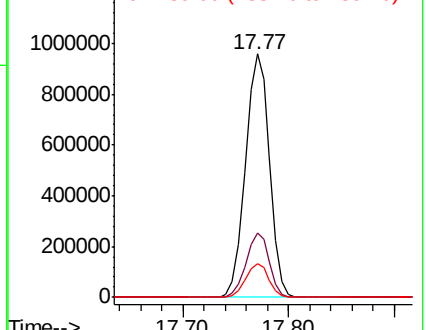


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.356 ng

RT: 18.35 min Scan# 2598

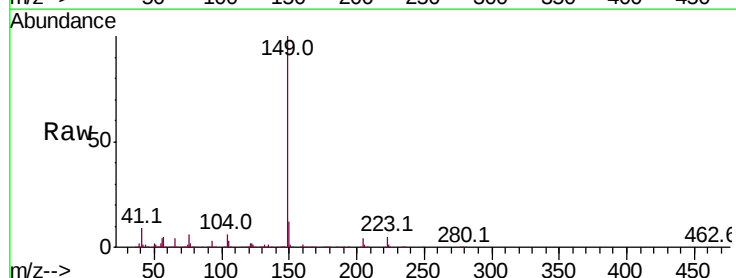
Delta R.T. 0.01 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Tgt Ion:149 Resp: 1780960

Ion	Ratio	Lower	Upper
149	100		
150	11.8	9.4	14.0
104	5.9	4.8	7.2

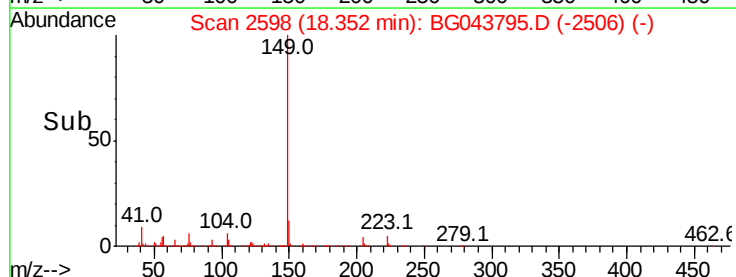
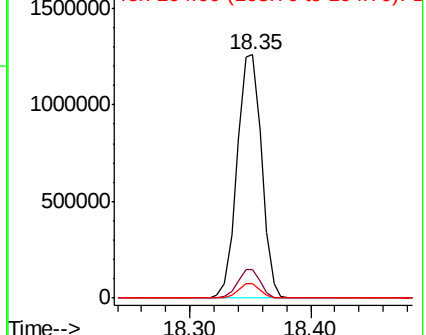


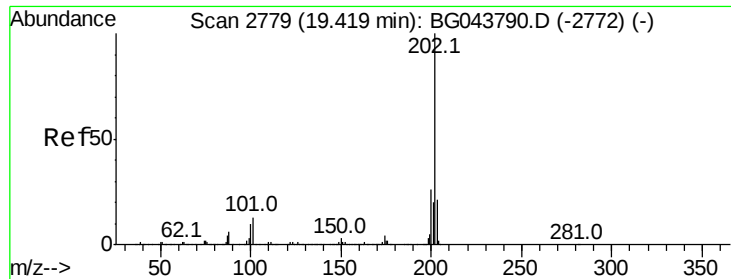
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.223 ng

RT: 19.42 min Scan# 2780

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Instrument :

BNA_G

ClientSampleId :

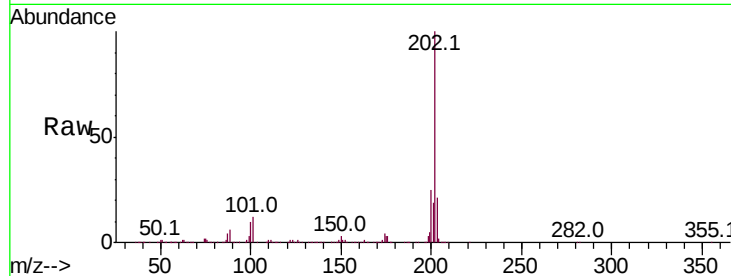
Tot Ion:202 Resp: 1867608

Ion Ratio Lower Upper

202 100

101 12.1 0.0 32.7

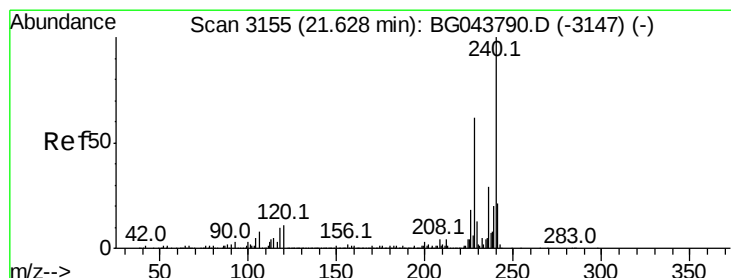
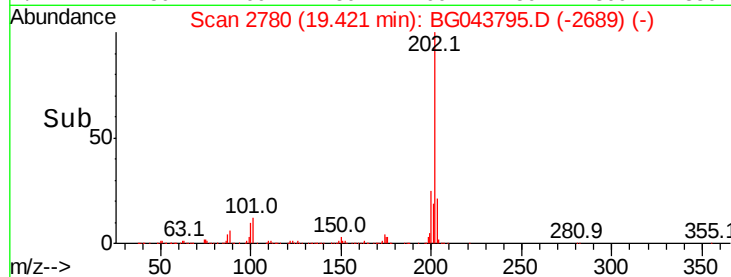
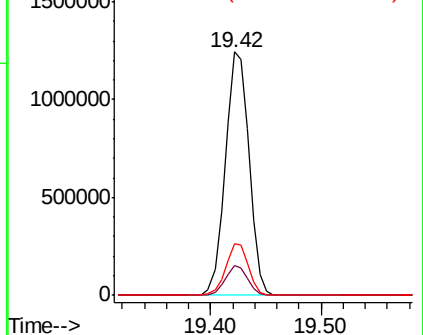
203 21.3 1.0 41.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3157

Delta R.T. 0.01 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

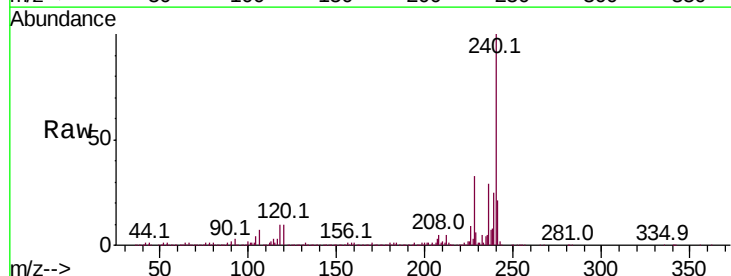
Tgt Ion:240 Resp: 725938

Ion Ratio Lower Upper

240 100

120 10.3 8.6 12.8

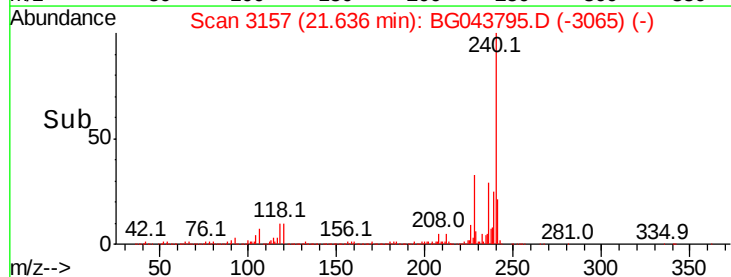
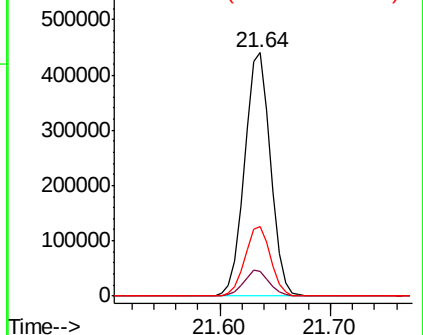
236 28.5 23.1 34.7

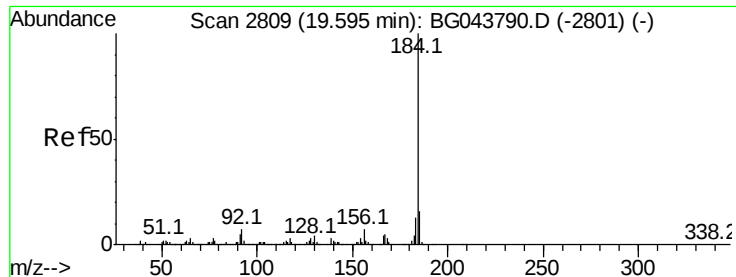


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.119 ng

RT: 19.60 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

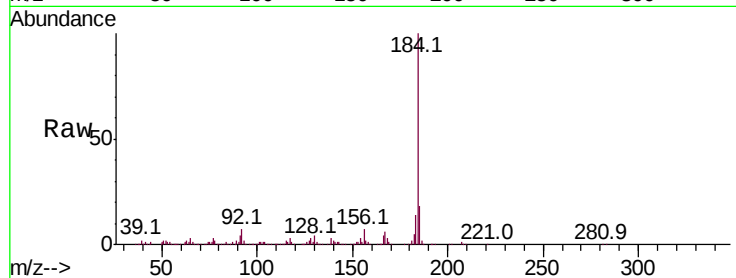
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 698725

Ion	Ratio	Lower	Upper
184	100		
185	17.8	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

600000

500000

400000

300000

200000

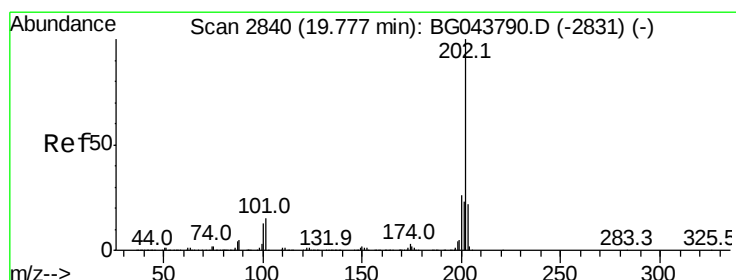
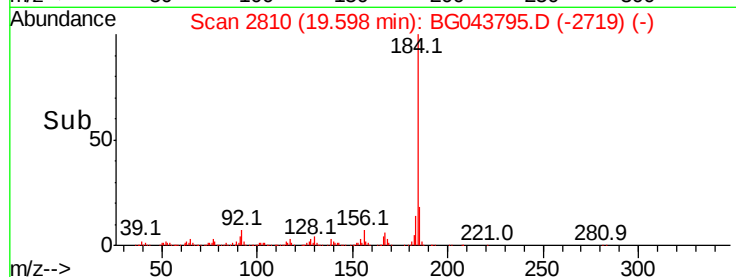
100000

0

19.60

19.50 19.60 19.70 19.80

Time-->



#78

Pyrene

Concen: 39.706 ng

RT: 19.79 min Scan# 2842

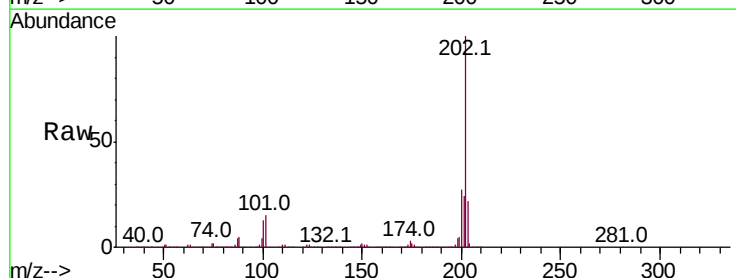
Delta R.T. 0.01 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Tgt Ion:202 Resp: 1883674

Ion	Ratio	Lower	Upper
202	100		
200	26.7	20.8	31.2
203	21.8	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

1500000

1000000

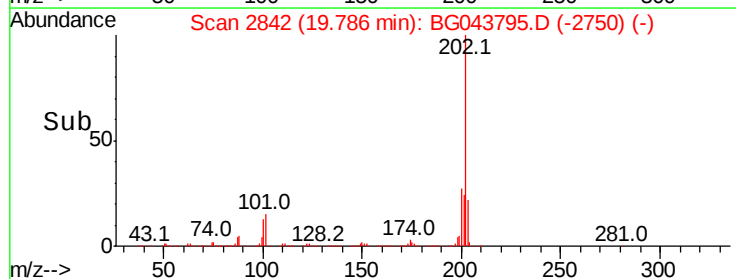
500000

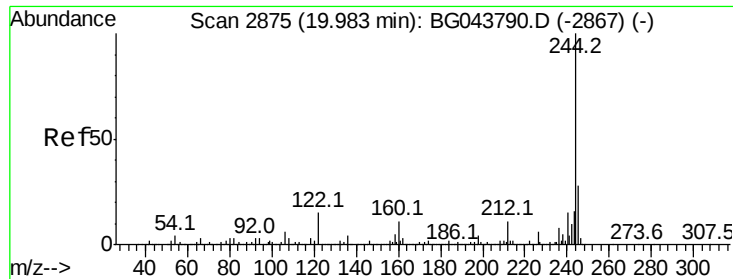
0

19.79

19.70 19.80

Time-->





#79

Terphenyl-d14

Concen: 81.522 ng

RT: 19.99 min Scan# 2877

Delta R.T. 0.01 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

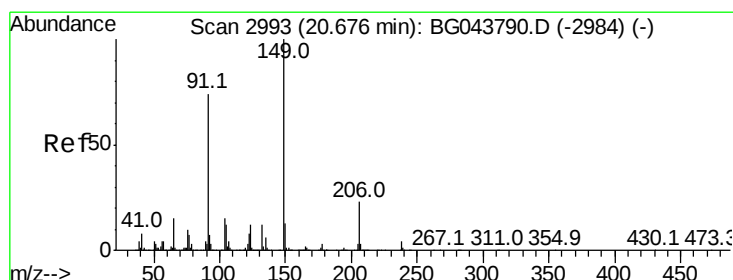
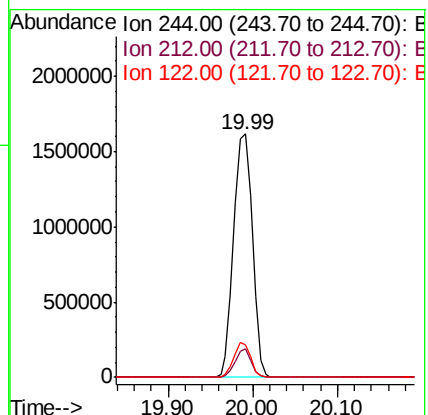
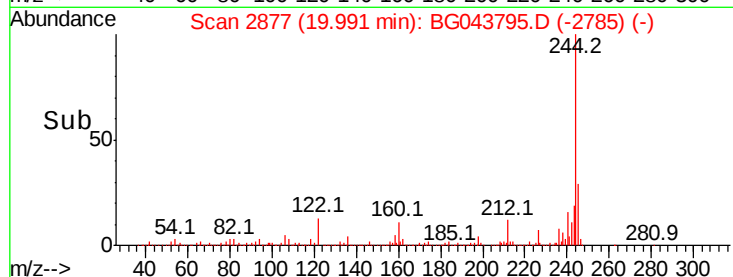
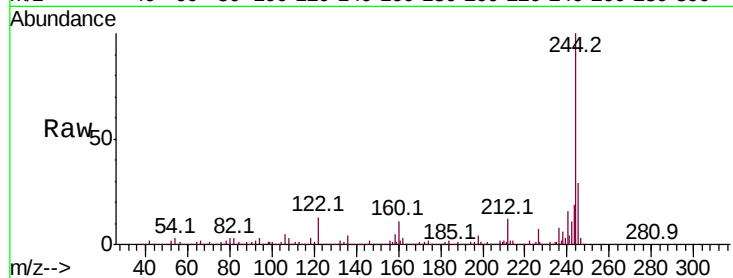
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2459916

Ion	Ratio	Lower	Upper
244	100		
212	11.7	9.1	13.7
122	13.2	11.6	17.4



#80

Butylbenzylphthalate

Concen: 42.074 ng

RT: 20.68 min Scan# 2995

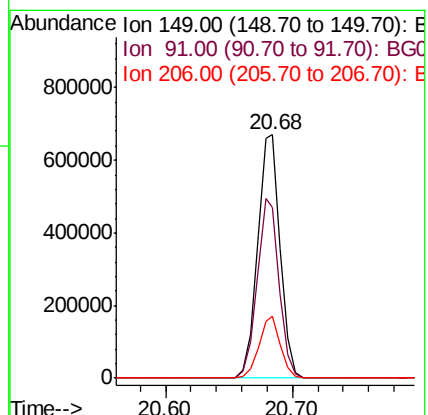
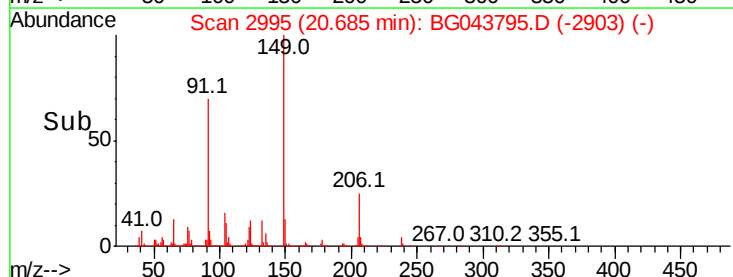
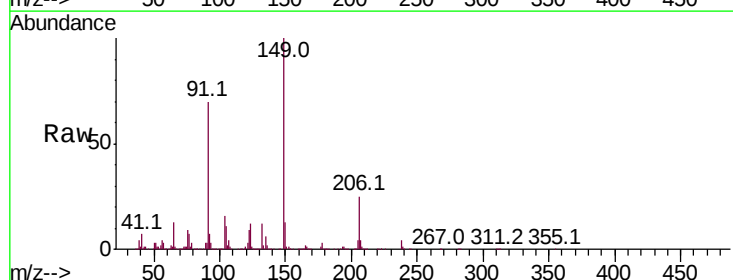
Delta R.T. 0.01 min

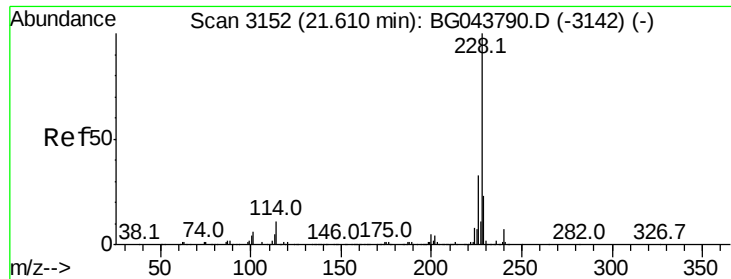
Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Tgt Ion:149 Resp: 831309

Ion	Ratio	Lower	Upper
149	100		
91	69.9	59.0	88.4
206	25.3	18.6	28.0

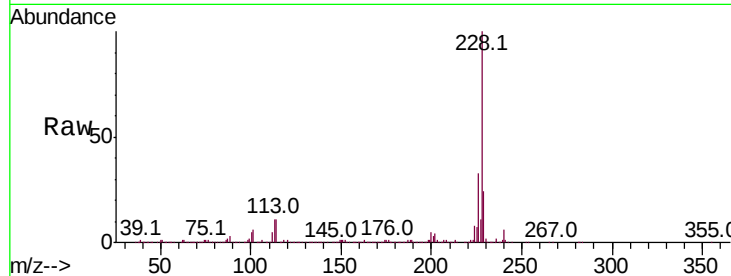




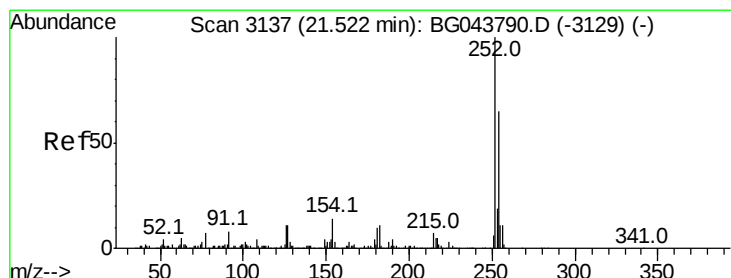
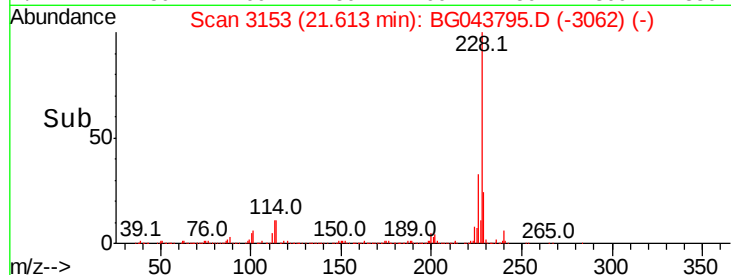
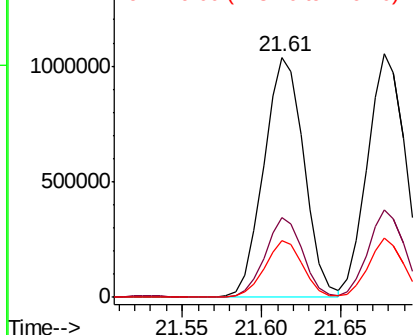
#81
Benzo(a)anthracene
Concen: 39.845 ng
RT: 21.61 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:228 Resp: 1825570
Ion Ratio Lower Upper
228 100
226 33.0 26.1 39.1
229 23.8 18.6 27.8

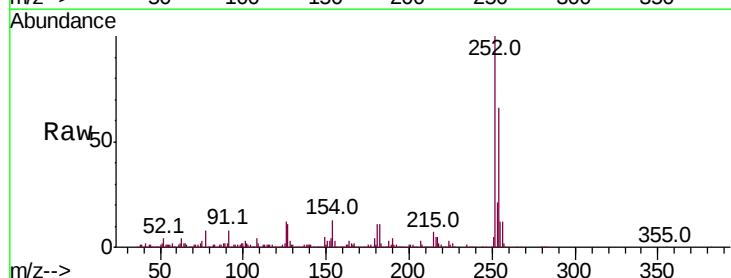


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

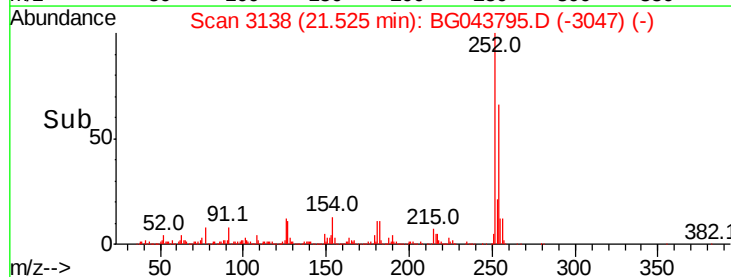
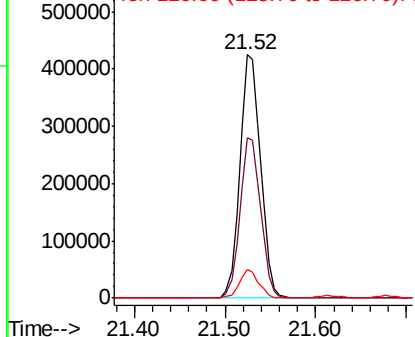


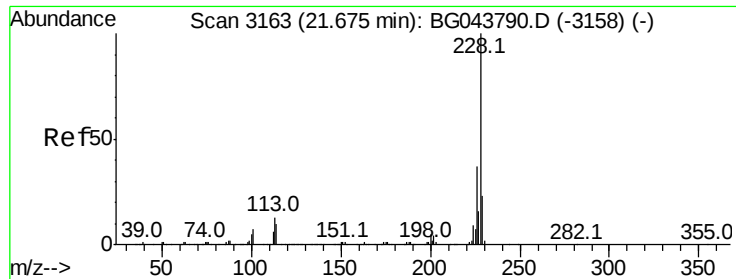
#82
3,3'-Dichlorobenzidine
Concen: 39.879 ng
RT: 21.52 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion:252 Resp: 674972
Ion Ratio Lower Upper
252 100
254 66.0 52.2 78.2
126 11.7 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

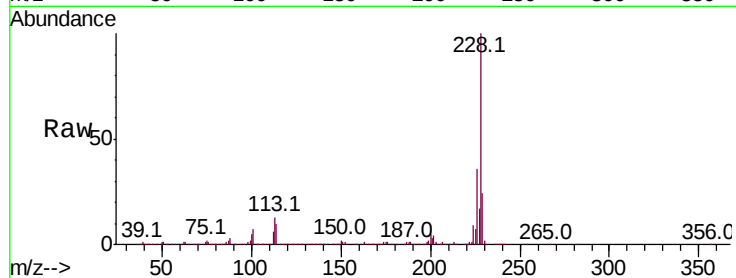




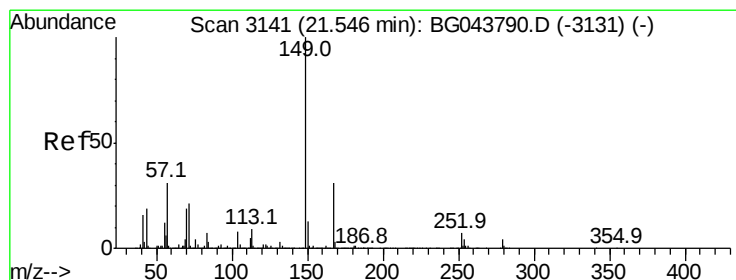
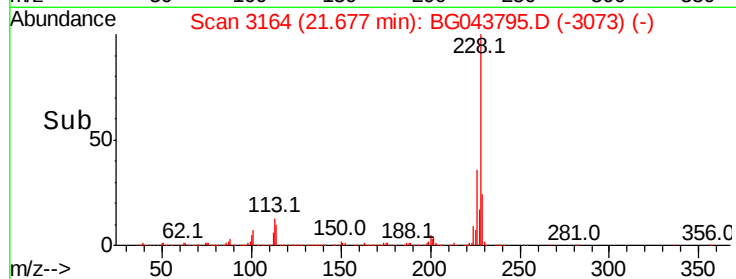
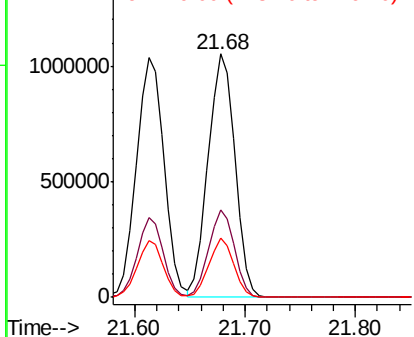
#83
Chrysene
Concen: 40.135 ng
RT: 21.68 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 1751954
Ion Ratio Lower Upper
228 100
226 35.8 29.1 43.7
229 24.3 18.6 28.0

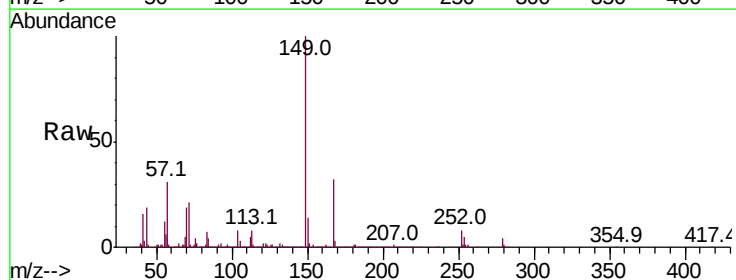


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

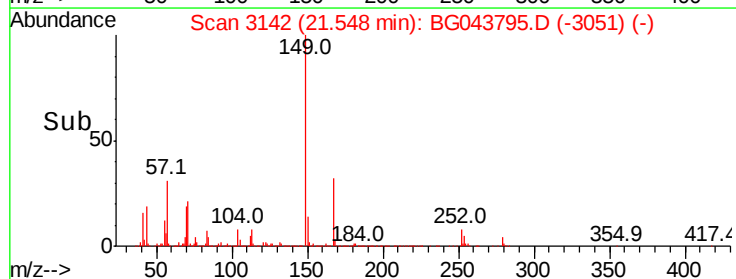
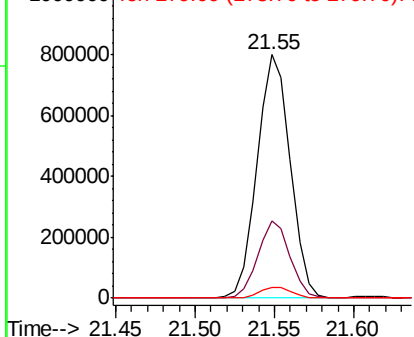


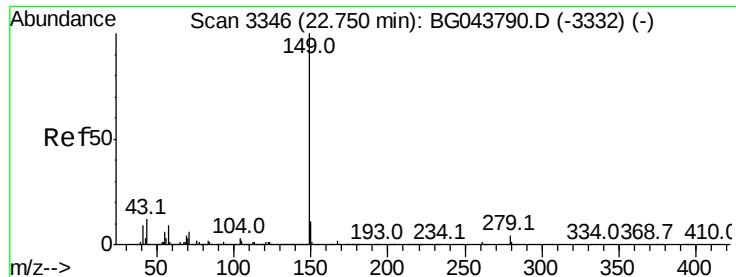
#84
Bis(2-ethylhexyl)phthalate
Concen: 41.017 ng
RT: 21.55 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion:149 Resp: 1162435
Ion Ratio Lower Upper
149 100
167 31.9 25.1 37.7
279 4.4 3.5 5.3



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





#85

Di-n-octyl phthalate

Concen: 42.566 ng

RT: 22.75 min Scan# 3347

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

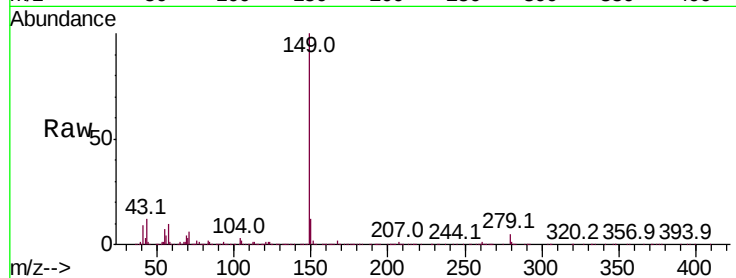
Instrument :

BNA_G

ClientSampled :

Tot Ion:149 Resp: 1972125

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	11.2	8.8	13.2

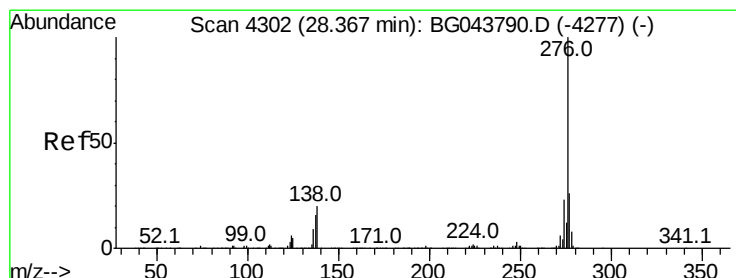
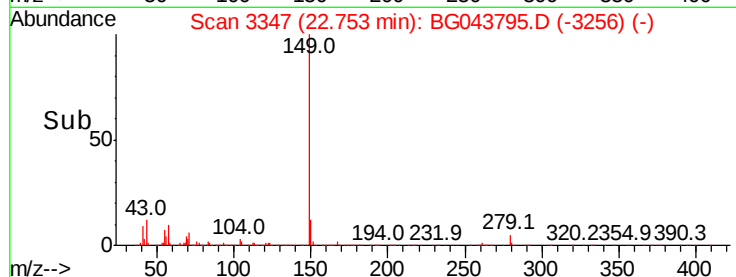


Abundance

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: 38.802 ng

RT: 28.38 min Scan# 4305

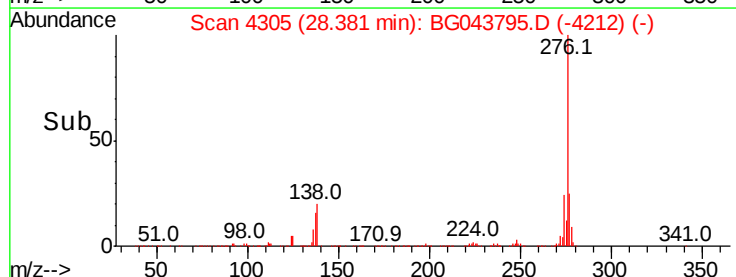
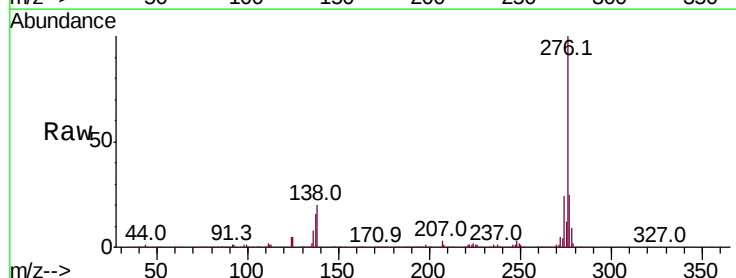
Delta R.T. 0.01 min

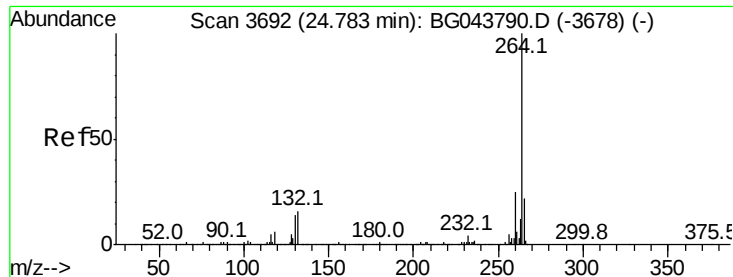
Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Tgt Ion:276 Resp: 2167875

Ion	Ratio	Lower	Upper
276	100		
138	25.7	14.6	21.8#
277	26.4	21.2	31.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.79 min Scan# 3694

Delta R.T. 0.01 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

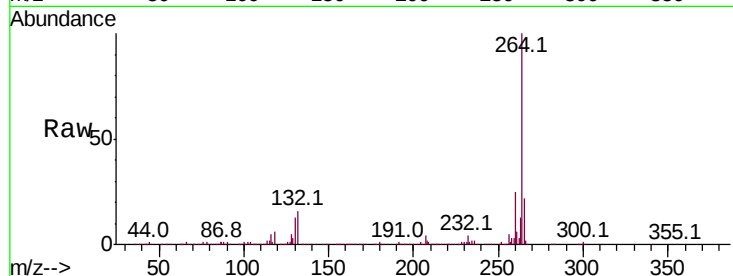
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 825335

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.8	29.8
265	22.1	17.9	26.9

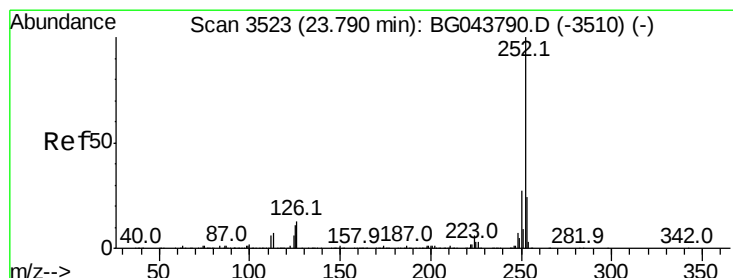
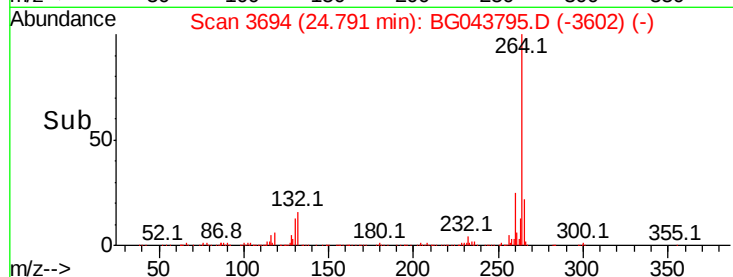
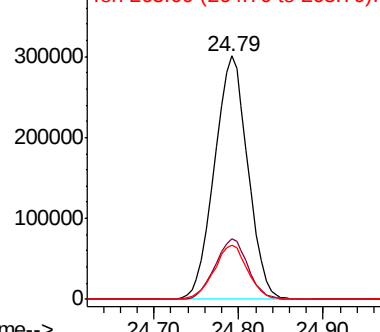


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.250 ng

RT: 23.79 min Scan# 3524

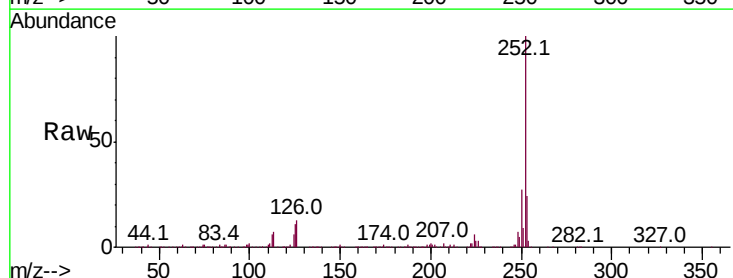
Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Tgt Ion:252 Resp: 1865143

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.5	29.3
125	11.2	9.0	13.4

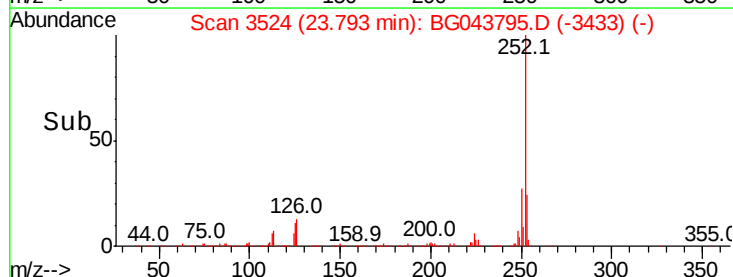
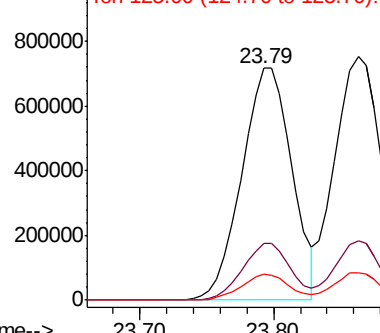


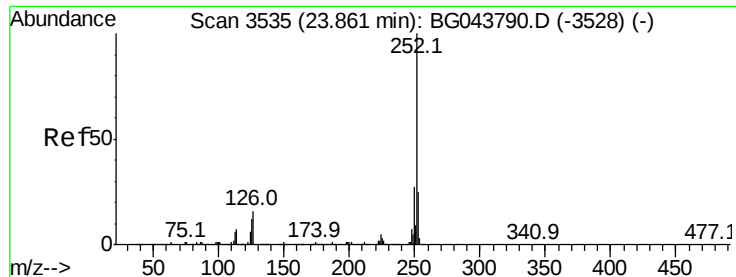
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 39.498 ng

RT: 23.86 min Scan# 3536

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Instrument :

BNA_G

ClientSampleId :

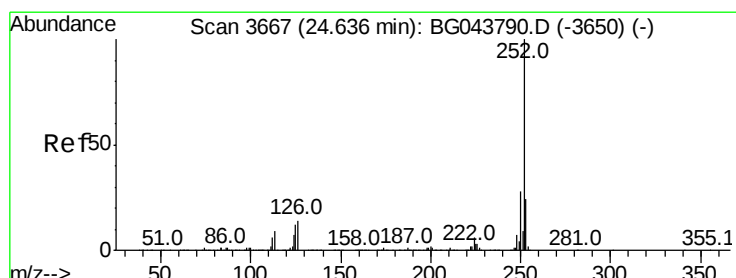
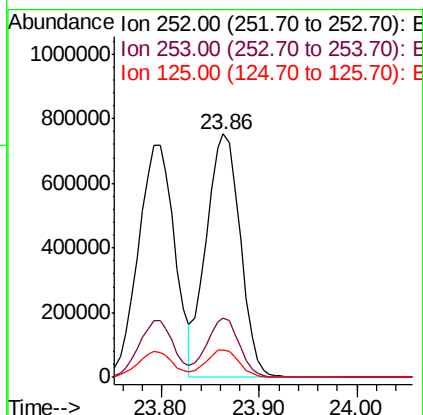
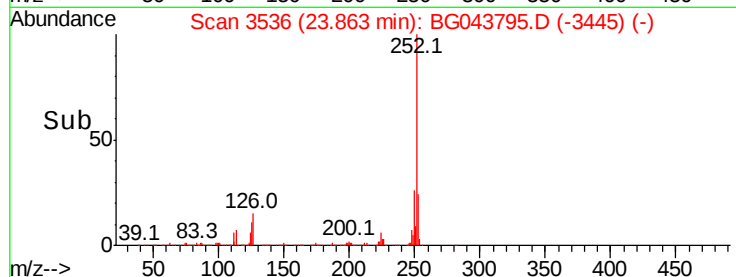
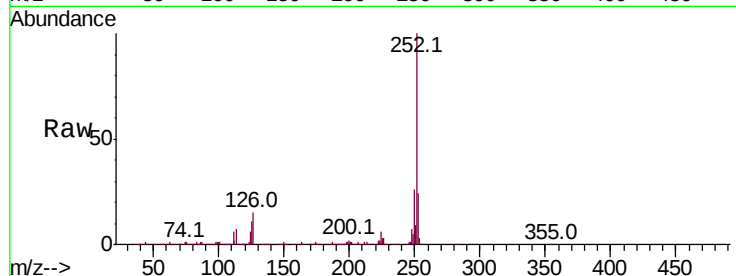
Tot Ion:252 Resp: 1813117

Ion Ratio Lower Upper

252 100

253 24.2 19.4 29.0

125 11.4 8.9 13.3



#90

Benzo(a)pyrene

Concen: 39.163 ng

RT: 24.64 min Scan# 3669

Delta R.T. 0.01 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

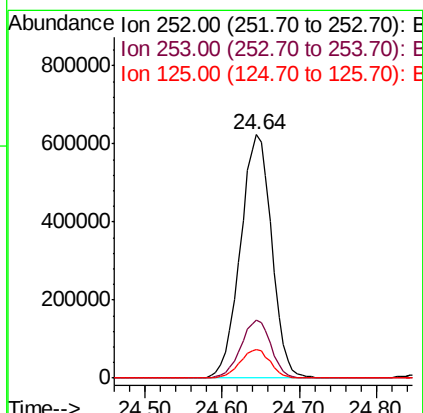
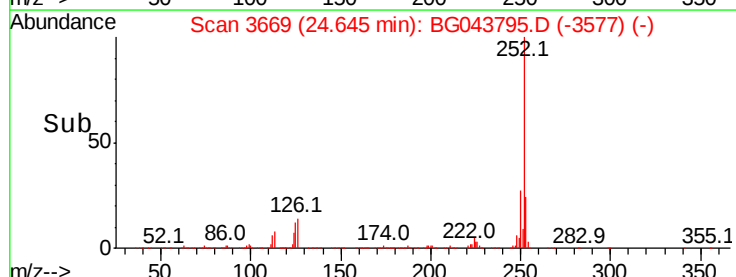
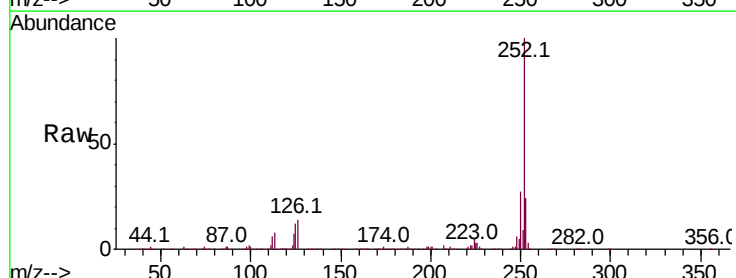
Tgt Ion:252 Resp: 1773515

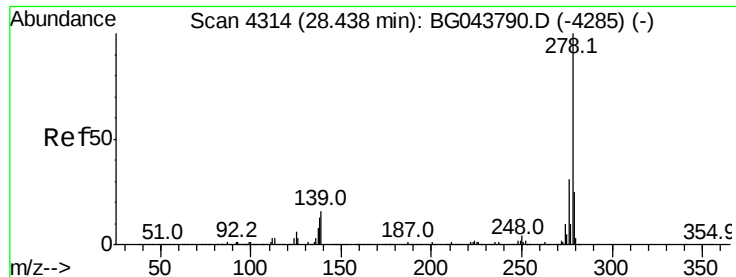
Ion Ratio Lower Upper

252 100

253 23.6 19.1 28.7

125 11.7 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 38.704 ng

RT: 28.45 min Scan# 4317

Delta R.T. 0.01 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

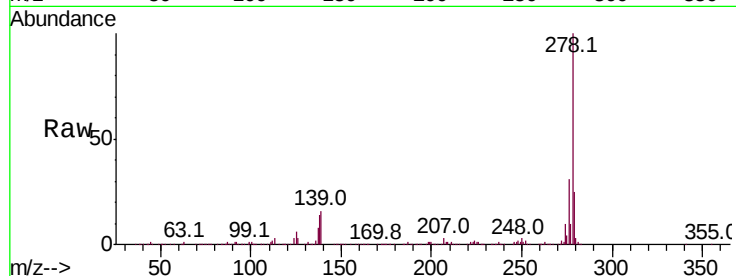
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1750721

Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.2	19.8
279	25.1	19.8	29.6

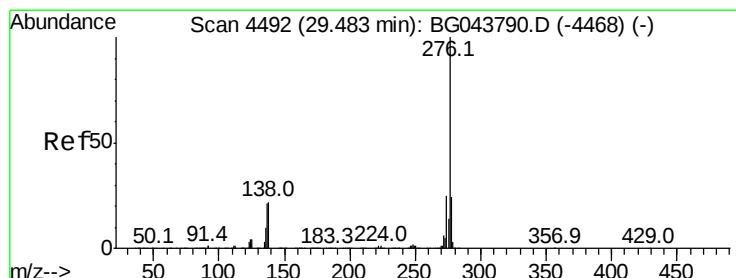
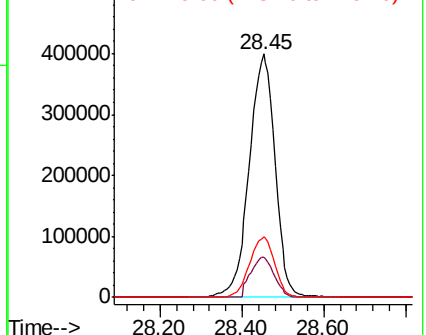
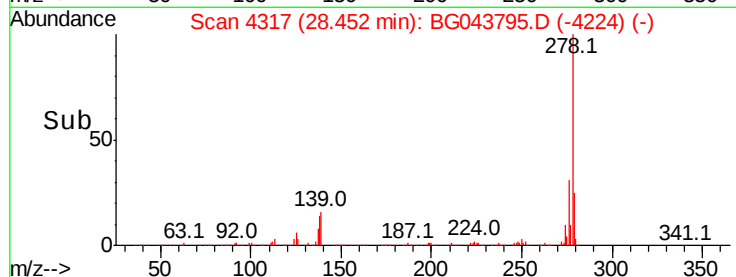


Abundance

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: 38.558 ng

RT: 29.49 min Scan# 4494

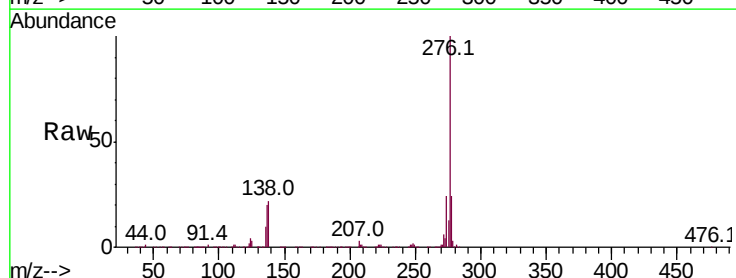
Delta R.T. 0.01 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Tgt Ion:276 Resp: 1721132

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.3	28.9
138	21.7	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

