

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120919\
 Data File : BG043794.D
 Acq On : 9 Dec 2019 16:44
 Operator : JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 09 17:19:45 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 15:25:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	143445	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	575223	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	394465	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	828084	20.00	ng	0.00
76) Chrysene-d12	21.64	240	691291	20.00	ng	0.01
87) Perylene-d12	24.79	264	783804	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	1370597	171.78	ng	0.00
7) Phenol-d6	7.17	99	1936421	166.95	ng	0.01
23) Nitrobenzene-d5	9.16	82	1977034	188.97	ng	0.01
42) 2,4,6-Tribromophenol	16.12	330	748006	157.22	ng	0.01
45) 2-Fluorobiphenyl	13.26	172	3479575	145.00	ng	0.00
79) Terphenyl-d14	19.99	244	3943246	128.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	324131	91.618	ng	98
3) Pyridine	3.88	79	829895	83.310	ng	96
4) n-Nitrosodimethylamine	3.79	42	441762	89.273	ng	98
6) Aniline	7.33	93	1281701	84.796	ng	98
8) 2-Chlorophenol	7.57	128	809835	88.988	ng	93
9) Benzaldehyde	7.14	77	375932	54.260	ng	92
10) Phenol	7.20	94	1036522	87.050	ng	99
11) bis(2-Chloroethyl)ether	7.43	93	897277	90.292	ng	96
12) 1,3-Dichlorobenzene	7.90	146	952521	88.913	ng	95
13) 1,4-Dichlorobenzene	8.04	146	946570	87.234	ng	96
14) 1,2-Dichlorobenzene	8.36	146	911318	88.762	ng	96
15) Benzyl Alcohol	8.24	79	815843	84.212	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.54	45	1391187	81.402	ng	99
17) 2-Methylphenol	8.44	107	757570	88.989	ng	99
18) Hexachloroethane	9.09	117	361603	88.279	ng	97
19) n-Nitroso-di-n-propylamine	8.82	70	765245	83.897	ng	98
20) 3+4-Methylphenols	8.78	107	1059471	89.206	ng	98
22) Acetophenone	8.82	105	1336047	87.633	ng	# 94
24) Nitrobenzene	9.21	77	1022719	95.103	ng	96
25) Isophorone	9.73	82	1937782	86.381	ng	96
26) 2-Nitrophenol	9.92	139	460350	118.652	ng	98
27) 2,4-Dimethylphenol	9.98	122	719229	94.408	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	1229028	88.891	ng	94
29) 2,4-Dichlorophenol	10.45	162	896432	96.791	ng	99
30) 1,2,4-Trichlorobenzene	10.67	180	1015937	93.609	ng	98
31) Naphthalene	10.86	128	2473710	86.692	ng	# 93
32) Benzoic acid	10.18	122	673490	122.589	ng	95
33) 4-Chloroaniline	10.96	127	1287002	93.616	ng	96
34) Hexachlorobutadiene	11.16	225	632414	88.615	ng	97
35) Caprolactam	11.76	113	274703	72.944	ng	100
36) 4-Chloro-3-methylphenol	12.09	107	932746	89.617	ng	99
37) 2-Methylnaphthalene	12.46	142	1959558	91.128	ng	97
38) 1-Methylnaphthalene	12.68	142	1848765	90.591	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	1144216	91.160	ng	99

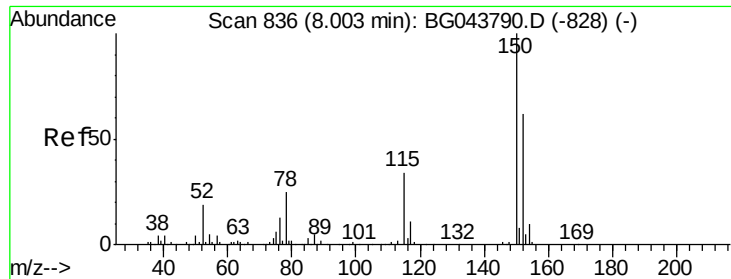
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120919\
 Data File : BG043794.D
 Acq On : 9 Dec 2019 16:44
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	605217	89.246	ng	100
43) 2,4,6-Trichlorophenol	13.07	196	768224	95.164	ng	99
44) 2,4,5-Trichlorophenol	13.14	196	797703	94.986	ng	97
46) 1,1'-Biphenyl	13.47	154	2376162	86.902	ng	87
47) 2-Chloronaphthalene	13.51	162	1993212	89.389	ng	90
48) 2-Nitroaniline	13.71	65	697539	106.853	ng	96
49) Acenaphthylene	14.36	152	2801041	79.843	ng #	87
50) Dimethylphthalate	14.09	163	2400595	76.824	ng #	94
51) 2,6-Dinitrotoluene	14.20	165	619814	106.810	ng	95
52) Acenaphthene	14.70	154	2013558	89.750	ng	96
53) 3-Nitroaniline	14.53	138	686415	101.270	ng	98
54) 2,4-Dinitrophenol	14.73	184	271094	114.342	ng	91
55) Dibenzofuran	15.03	168	2663631	76.210	ng #	87
56) 4-Nitrophenol	14.83	139	528093	92.498	ng	99
57) 2,4-Dinitrotoluene	14.99	165	845430	105.052	ng	98
58) Fluorene	15.68	166	2213630	77.231	ng #	99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	696443	82.566	ng	96
60) Diethylphthalate	15.46	149	2411023	73.485	ng #	91
61) 4-Chlorophenyl-phenylether	15.67	204	1331013	84.343	ng	95
62) 4-Nitroaniline	15.70	138	684845	88.114	ng	99
63) Azobenzene	15.97	77	2207130	75.044	ng	90
65) 4,6-Dinitro-2-methylphenol	15.76	198	372701	132.635	ng	96
66) n-Nitrosodiphenylamine	15.89	169	2079047	94.826	ng	92
67) 4-Bromophenyl-phenylether	16.57	248	865618	99.125	ng	99
68) Hexachlorobenzene	16.69	284	901318	94.411	ng	96
69) Atrazine	16.83	200	359582	40.923	ng	100
70) Pentachlorophenol	17.03	266	508334	87.262	ng	99
71) Phenanthrene	17.42	178	3165342	77.252	ng #	83
72) Anthracene	17.51	178	3160421	76.356	ng #	82
73) Carbazole	17.77	167	2969064	72.403	ng #	84
74) Di-n-butylphthalate	18.35	149	3259319	62.099	ng #	85
75) Fluoranthene	19.42	202	3451363	58.721	ng	80
77) Benzidine	19.59	184	1280579	63.416	ng #	92
78) Pyrene	19.78	202	3429761	76.875	ng #	78
80) Butylbenzylphthalate	20.68	149	1765386	86.861	ng #	92
81) Benzo(a)anthracene	21.62	228	3591191	77.706	ng #	79
82) 3,3'-Dichlorobenzidine	21.53	252	1450506	83.696	ng	95
83) Chrysene	21.69	228	3378716	77.261	ng #	79
84) Bis(2-ethylhexyl)phthalate	21.55	149	2326784	81.366	ng #	85
85) Di-n-octyl phthalate	22.75	149	3866201	83.352	ng #	91
86) Indeno(1,2,3-cd)pyrene	28.40	276	5194460	102.114	ng	97
88) Benzo(b)fluoranthene	23.80	252	4106087	87.741	ng #	92
89) Benzo(k)fluoranthene	23.88	252	3757841	83.669	ng #	90
90) Benzo(a)pyrene	24.66	252	3923070	89.150	ng	94
91) Dibenzo(a,h)anthracene	28.47	278	4074087	95.448	ng	95
92) Benzo(g,h,i)perylene	29.52	276	4107447	97.581	ng	95

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

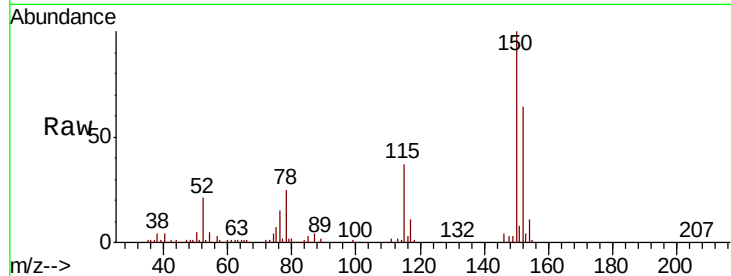


#1

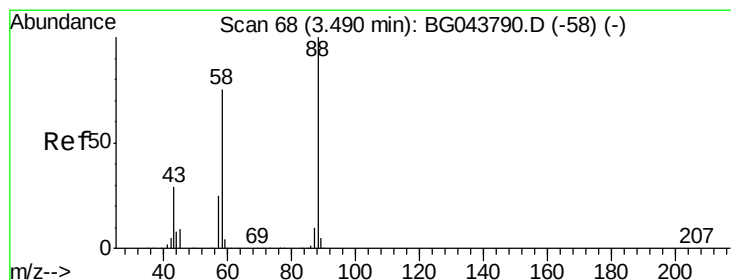
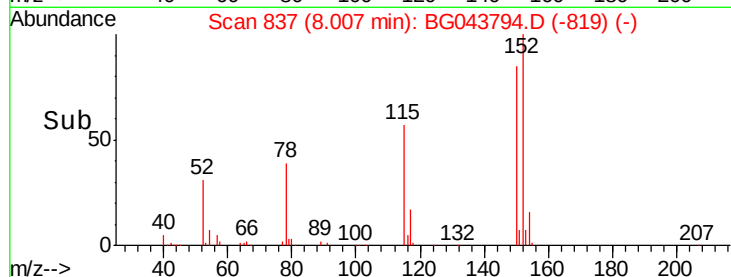
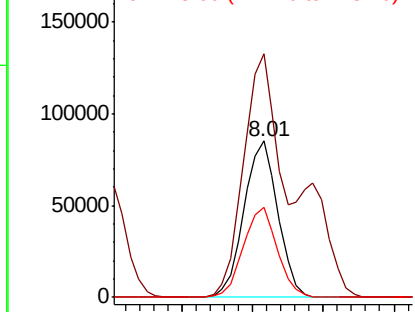
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 143445
Ion Ratio Lower Upper
152 100
150 155.7 128.6 192.8
115 57.3 44.3 66.5



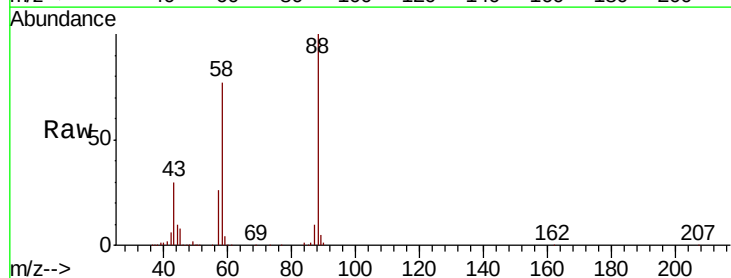
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



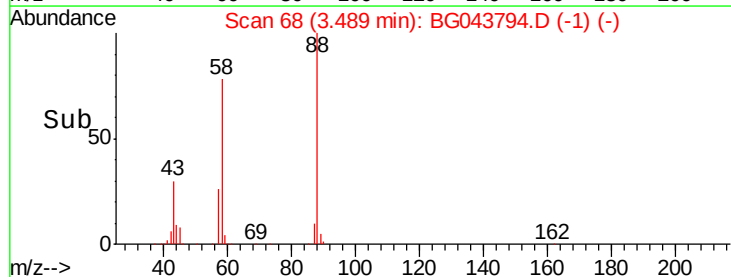
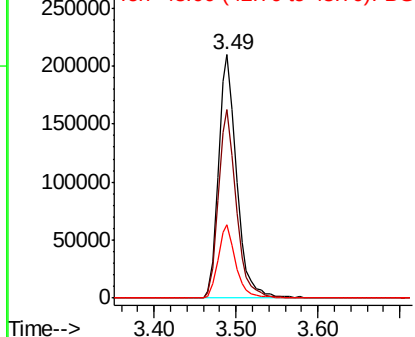
#2

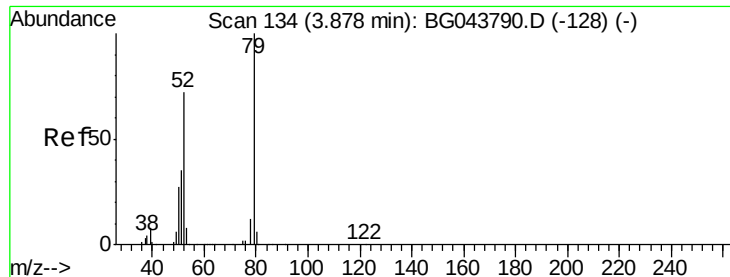
1,4-Dioxane
Concen: 91.618 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Tgt Ion: 88 Resp: 324131
Ion Ratio Lower Upper
88 100
58 76.2 62.2 93.4
43 29.4 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: 83.310 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

ClientSampleId :

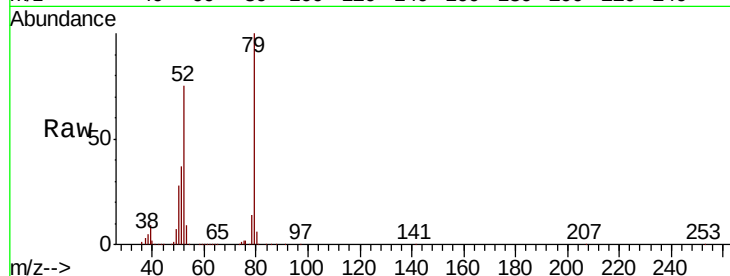
Tot Ion: 79 Resp: 829895

Ion Ratio Lower Upper

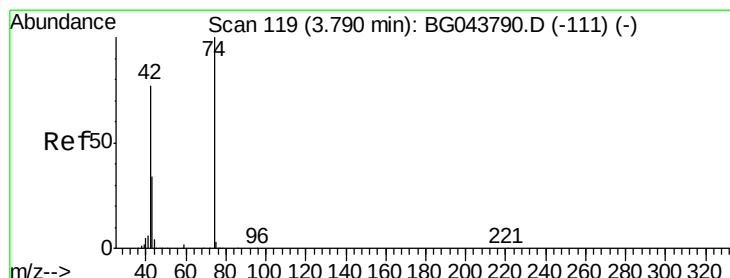
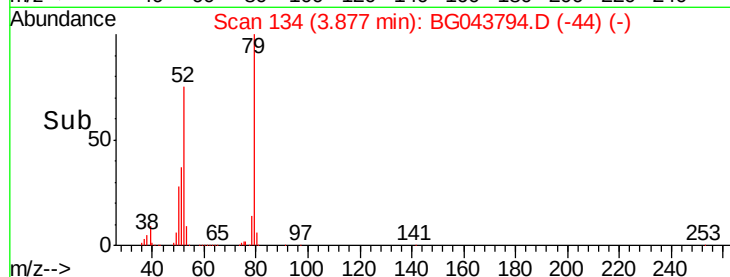
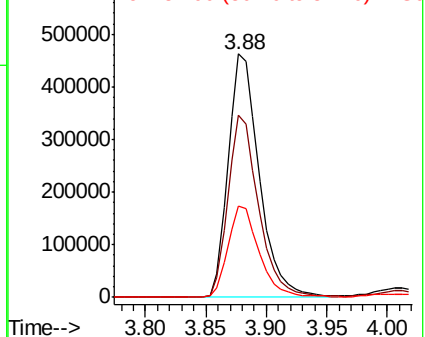
79 100

52 74.6 57.6 86.4

51 37.4 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: 89.273 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

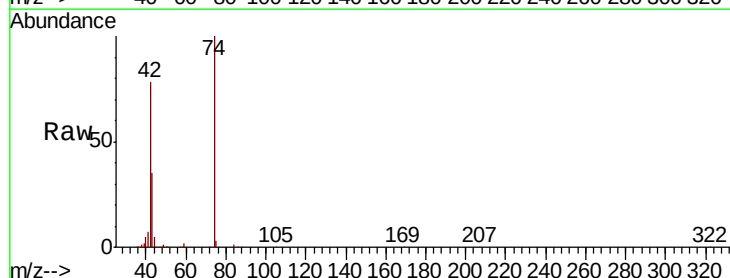
Tgt Ion: 42 Resp: 441762

Ion Ratio Lower Upper

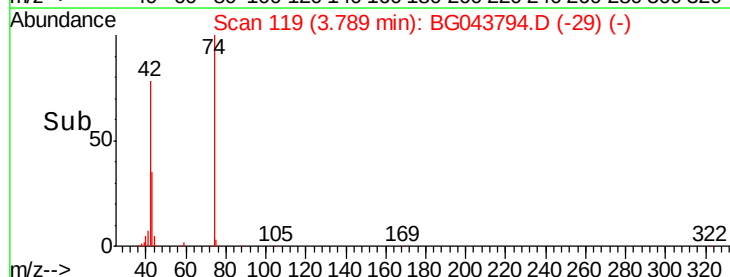
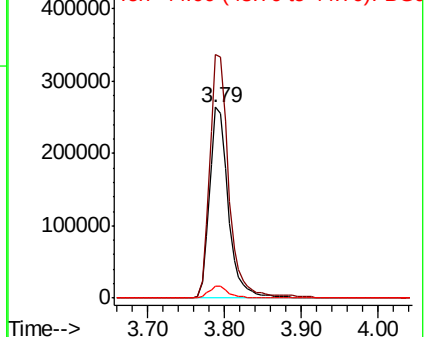
42 100

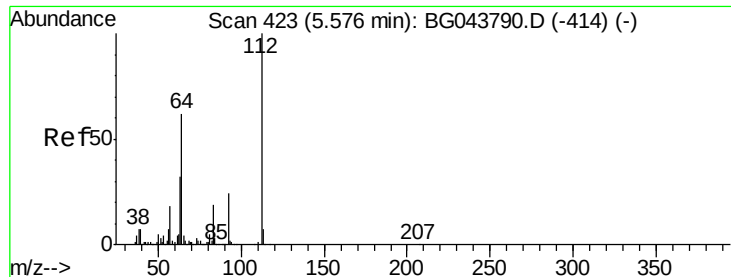
74 127.7 104.2 156.4

44 6.5 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: 171.775 ng

RT: 5.57 min Scan# 423

Delta R.T. -0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

ClientSampleId :

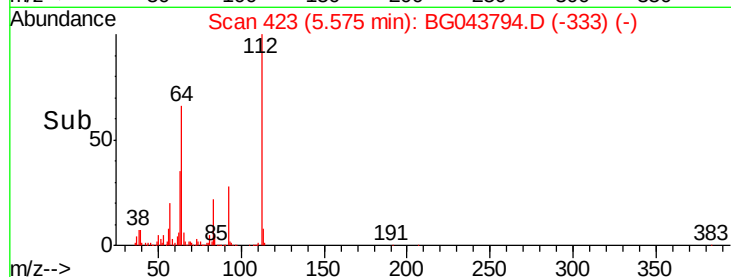
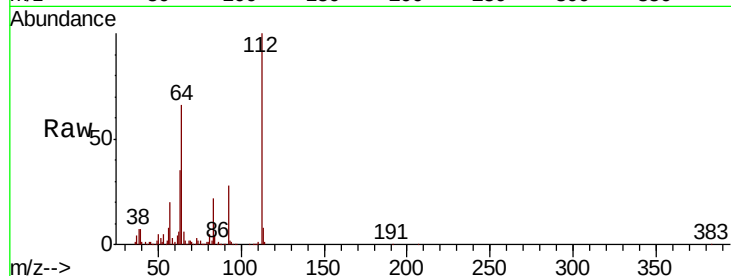
Tot Ion:112 Resp: 1370597

Ion Ratio Lower Upper

112 100

64 66.3 49.9 74.9

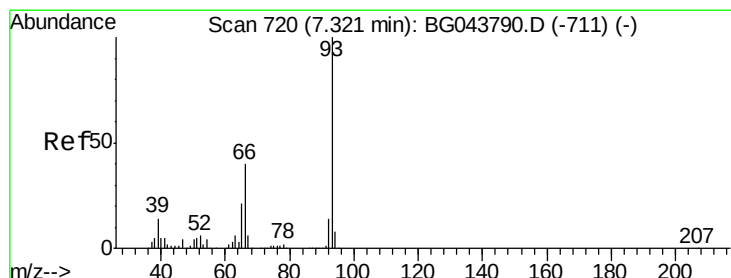
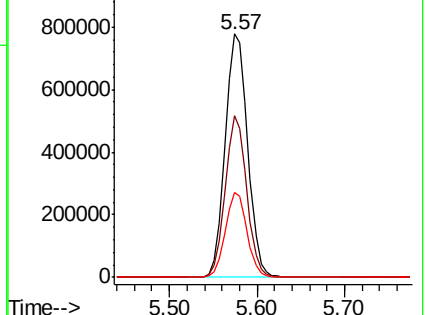
63 35.0 26.0 39.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 84.796 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

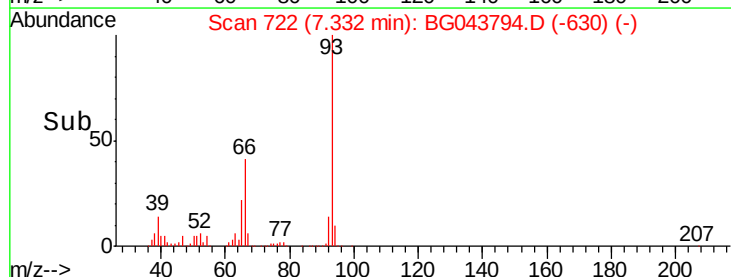
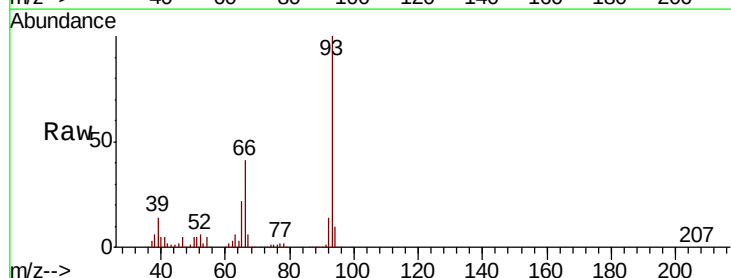
Tgt Ion: 93 Resp: 1281701

Ion Ratio Lower Upper

93 100

66 41.5 31.9 47.9

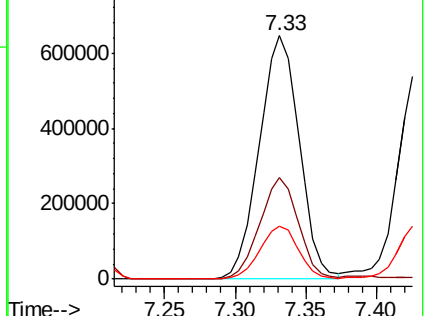
65 21.9 16.8 25.2

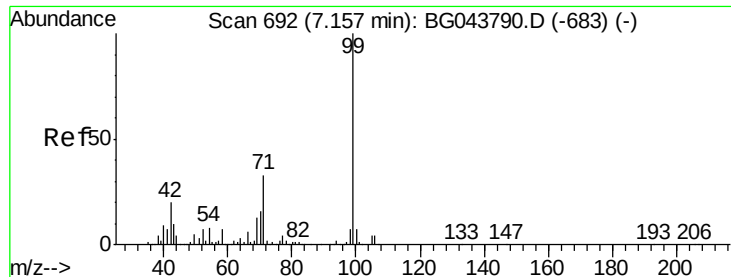


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 166.949 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.01 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

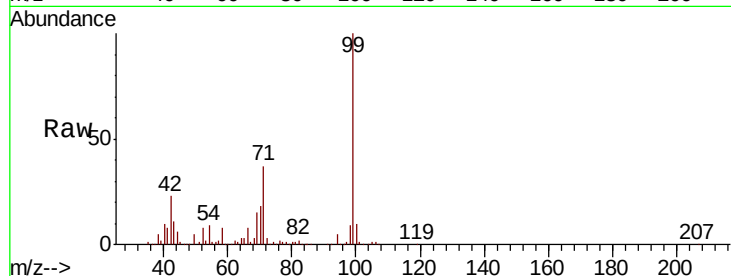
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1936421

Ion	Ratio	Lower	Upper
99	100		
42	23.1	16.2	24.2
71	37.1	26.6	40.0

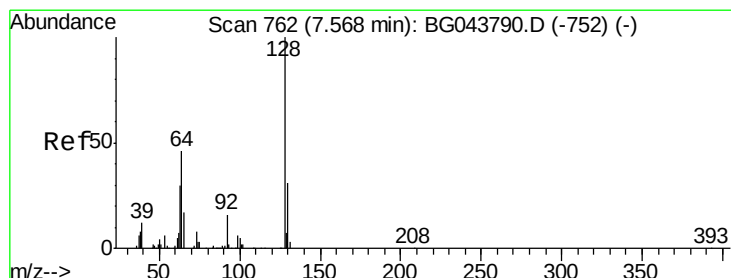
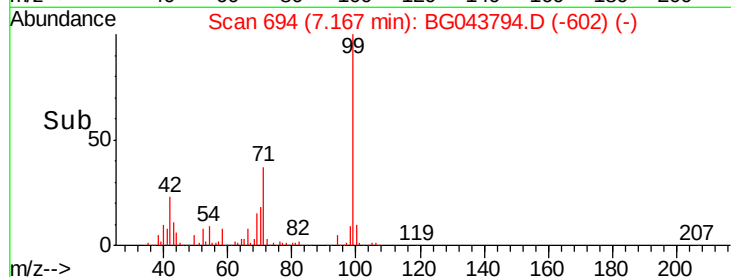
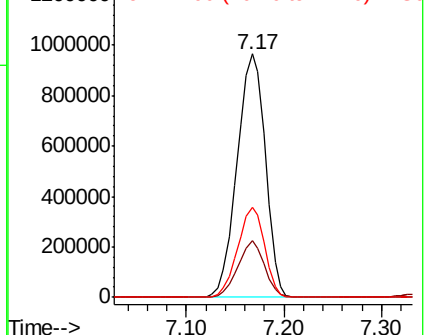


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 88.988 ng

RT: 7.57 min Scan# 763

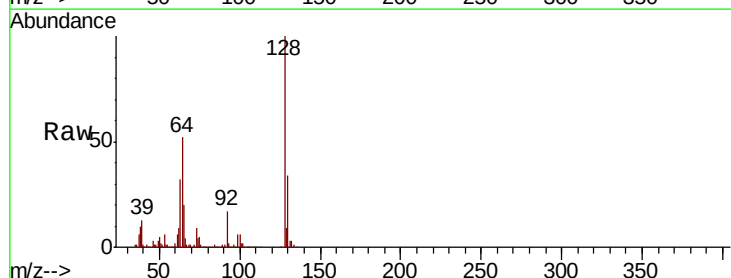
Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Tgt Ion: 128 Resp: 809835

Ion	Ratio	Lower	Upper
128	100		
130	34.1	11.1	51.1
64	51.5	26.5	66.5

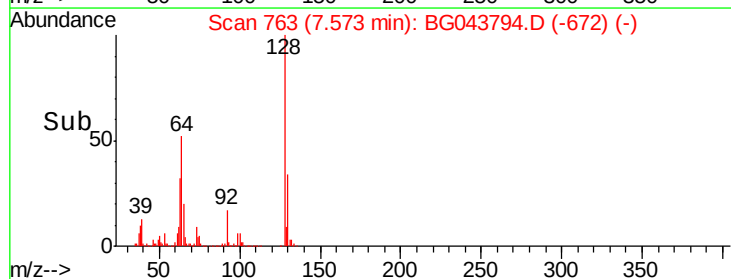
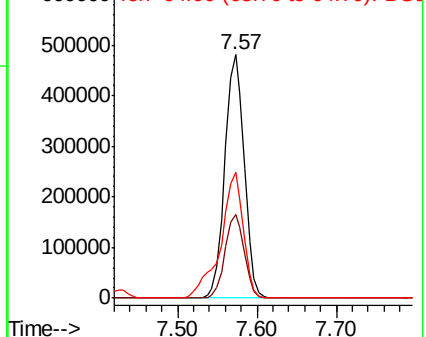


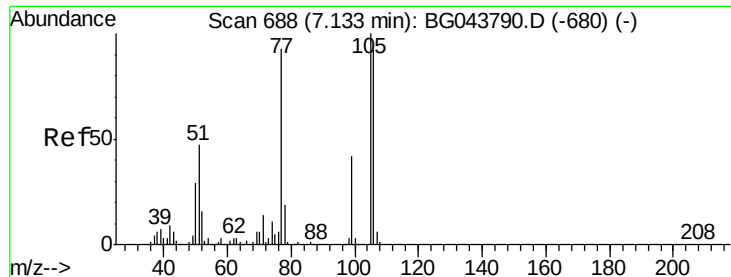
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 54.260 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

ClientSampleId :

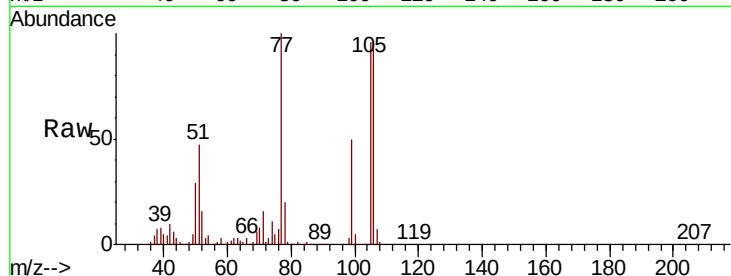
Tot Ion: 77 Resp: 375932

Ion Ratio Lower Upper

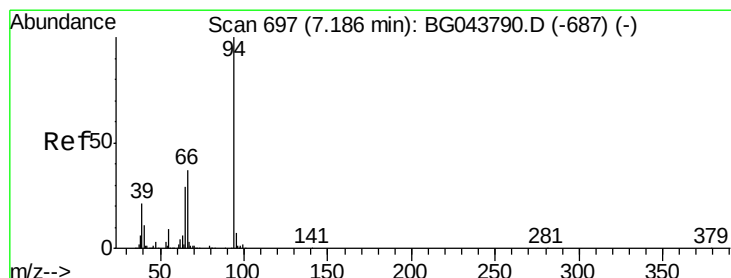
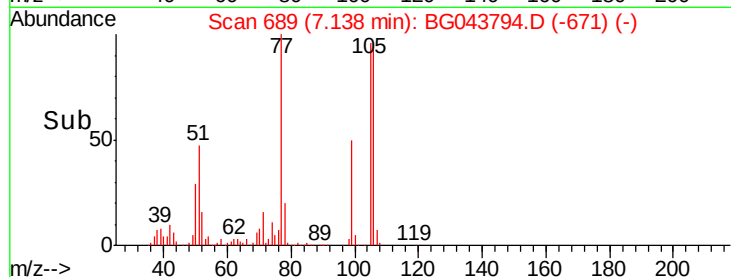
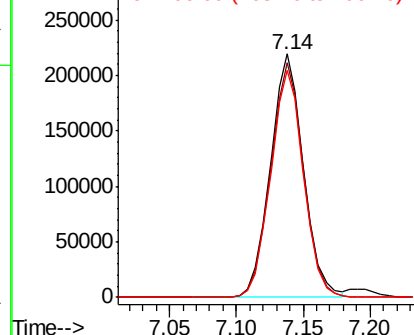
77 100

105 96.4 87.1 127.1

106 93.2 78.2 118.2



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



#10

Phenol

Concen: 87.050 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.01 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

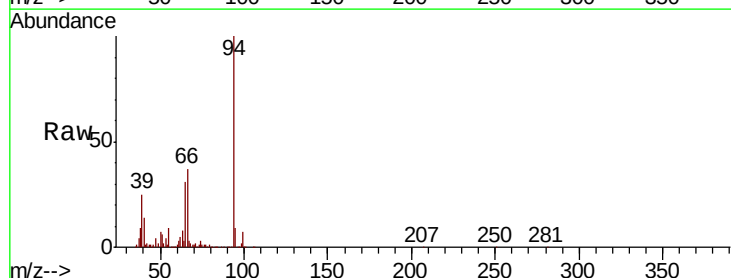
Tgt Ion: 94 Resp: 1036522

Ion Ratio Lower Upper

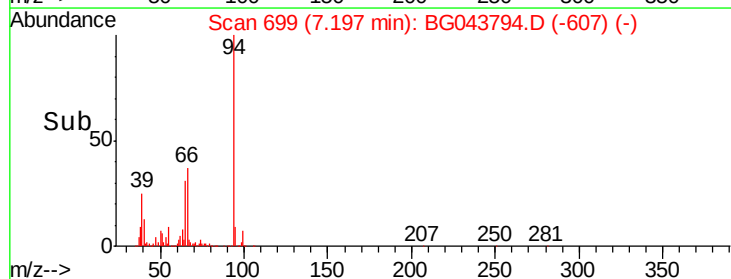
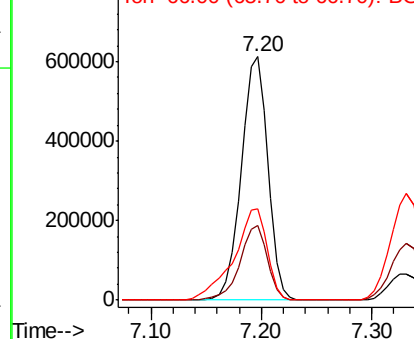
94 100

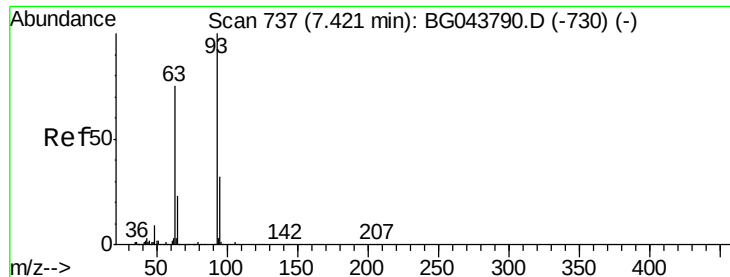
65 30.6 9.5 49.5

66 37.3 16.8 56.8



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

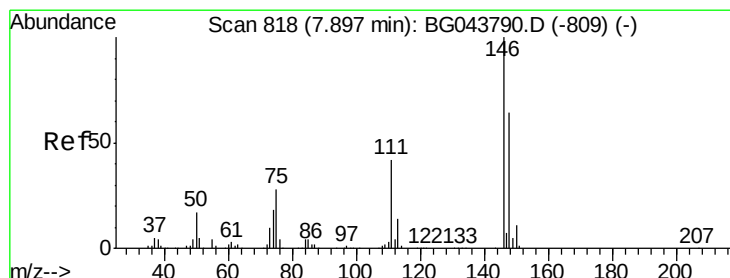
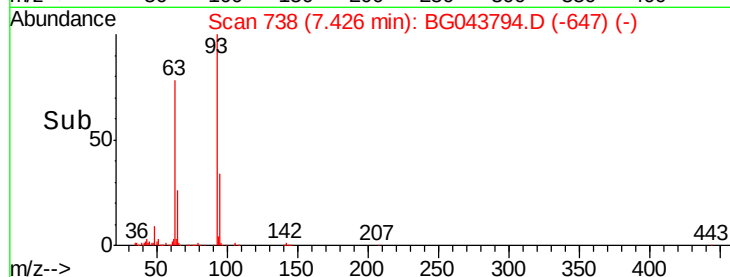
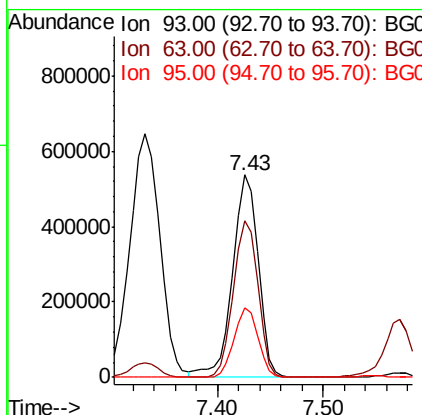
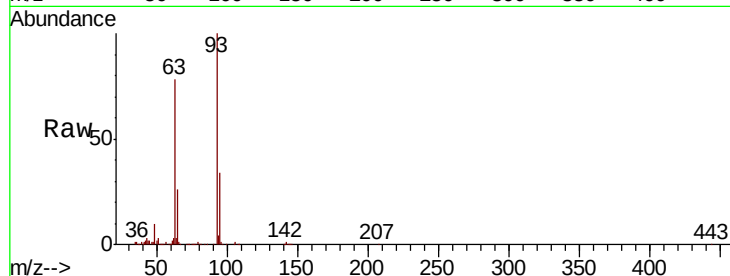




#11
 bis(2-Chloroethyl)ether
 Concen: 90.292 ng
 RT: 7.43 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BG043794.D
 Acq: 9 Dec 2019 16:44

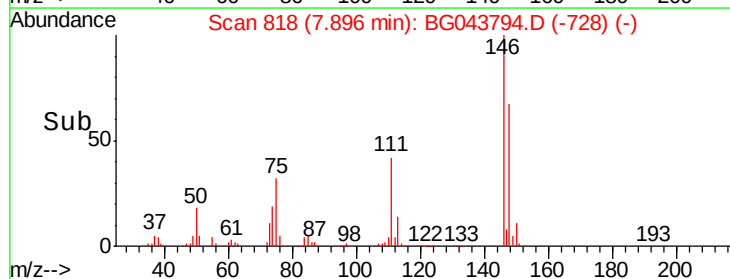
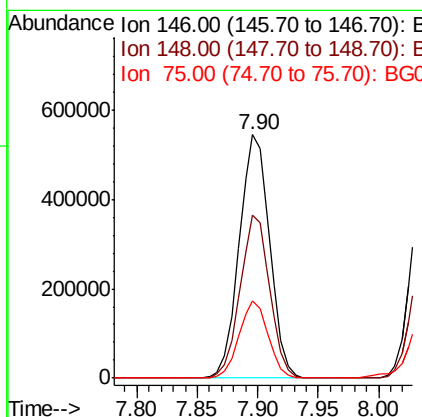
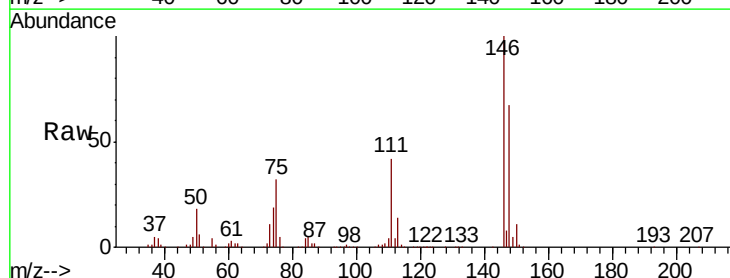
Instrument :
 BNA_G
 ClientSampleId :

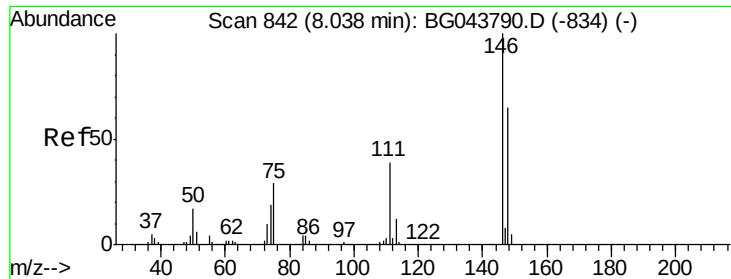
Tot Ion: 93 Resp: 897277
 Ion Ratio Lower Upper
 93 100
 63 77.5 54.7 94.7
 95 34.2 11.3 51.3



#12
 1,3-Dichlorobenzene
 Concen: 88.913 ng
 RT: 7.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BG043794.D
 Acq: 9 Dec 2019 16:44

Tgt Ion: 146 Resp: 952521
 Ion Ratio Lower Upper
 146 100
 148 67.2 51.4 77.2
 75 31.6 22.4 33.6

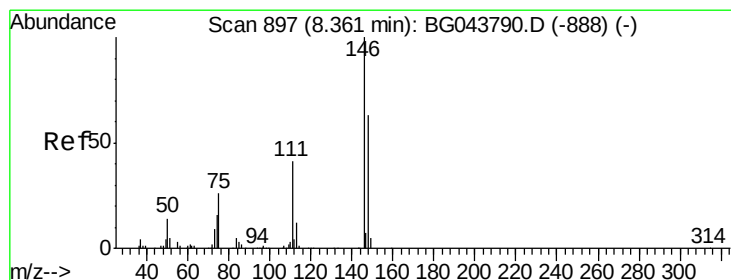
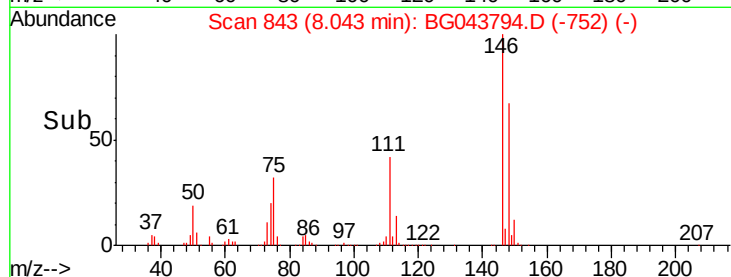
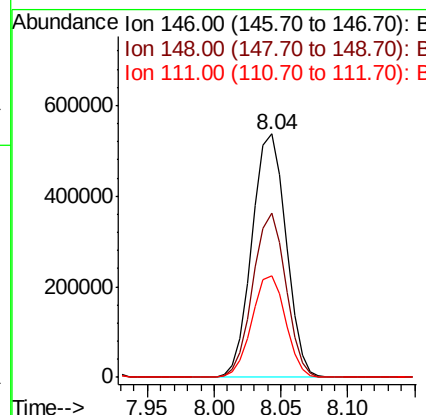
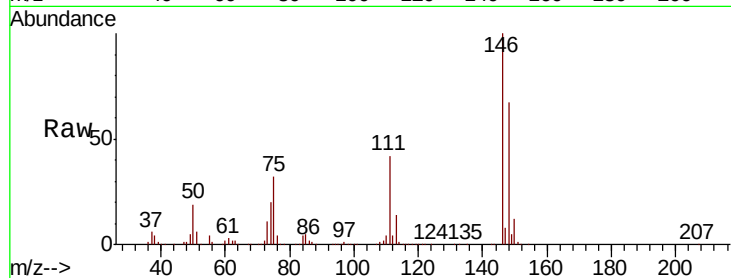




#13
 1,4-Dichlorobenzene
 Concen: 87.234 ng
 RT: 8.04 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BG043794.D
 Acq: 9 Dec 2019 16:44

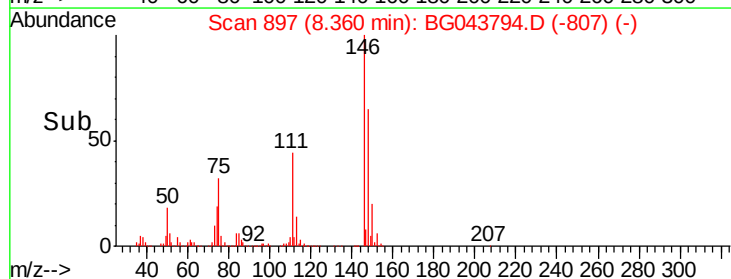
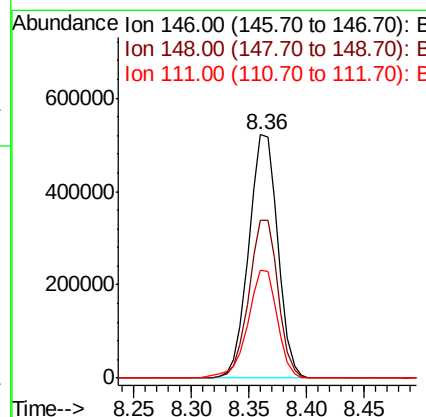
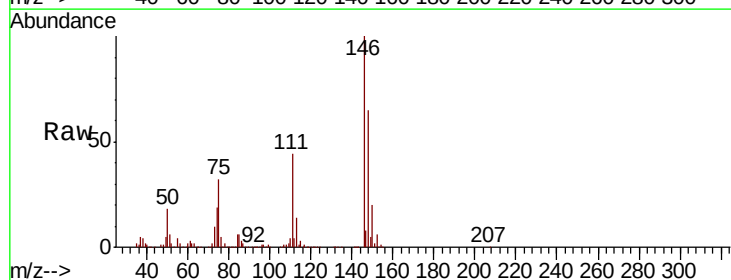
Instrument :
 BNA_G
 ClientSampleId :

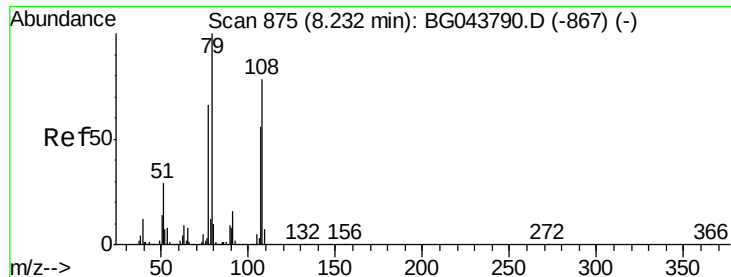
Tot Ion:146 Resp: 946570
 Ion Ratio Lower Upper
 146 100
 148 67.4 51.8 77.8
 111 41.9 31.4 47.2



#14
 1,2-Dichlorobenzene
 Concen: 88.762 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BG043794.D
 Acq: 9 Dec 2019 16:44

Tgt Ion:146 Resp: 911318
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.2 75.2
 111 44.5 33.4 50.2





#15

Benzyl Alcohol

Concen: 84.212 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.01 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

ClientSampleId :

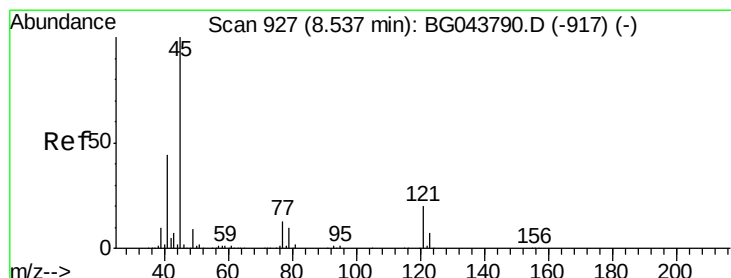
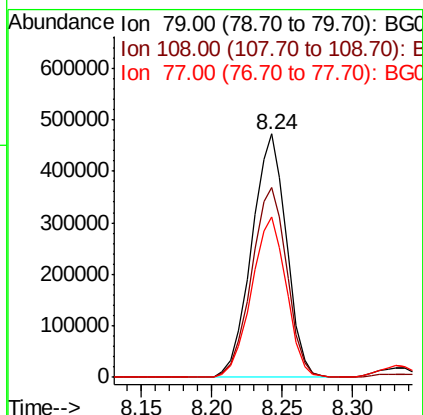
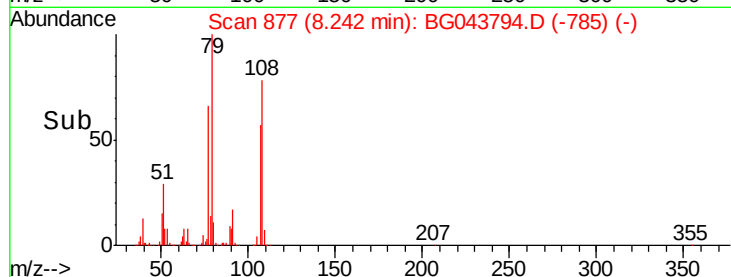
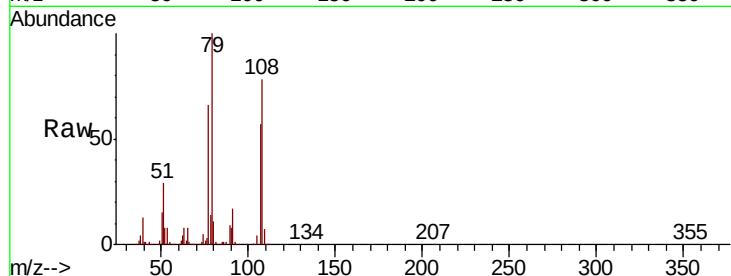
Tot Ion: 79 Resp: 815843

Ion Ratio Lower Upper

79 100

108 78.0 62.2 93.2

77 66.0 52.8 79.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 81.402 ng

RT: 8.54 min Scan# 927

Delta R.T. -0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

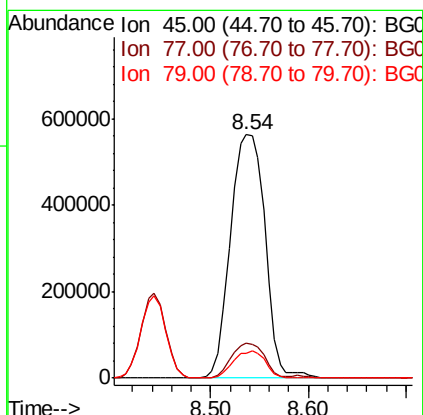
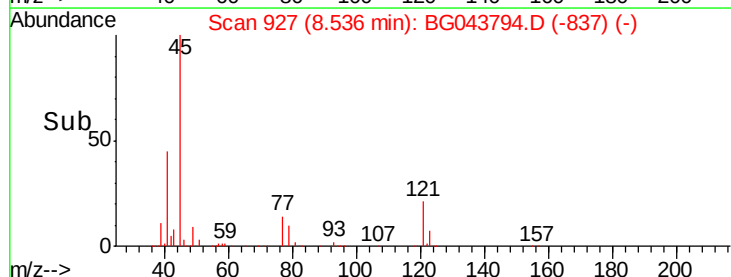
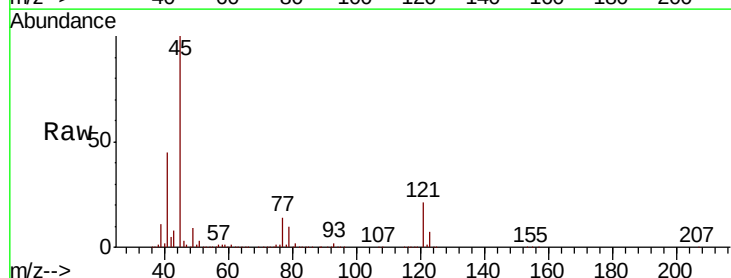
Tgt Ion: 45 Resp: 1391187

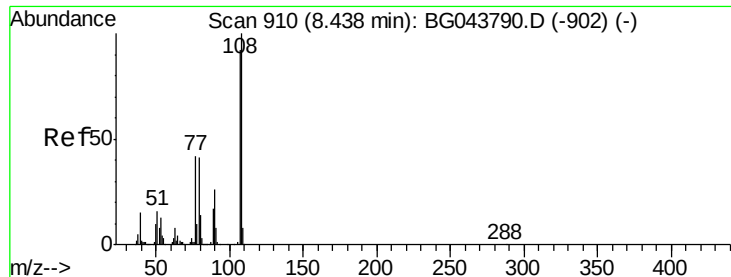
Ion Ratio Lower Upper

45 100

77 14.2 0.0 33.6

79 10.4 0.0 29.9





#17

2-Methylphenol

Concen: 88.989 ng

RT: 8.44 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 757570

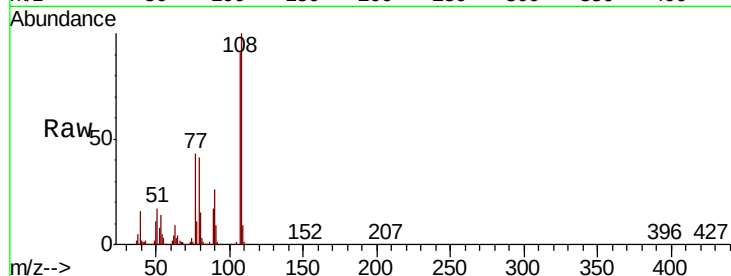
Ion Ratio Lower Upper

107 100

108 110.2 87.2 130.8

77 47.0 36.6 54.8

79 45.2 35.5 53.3

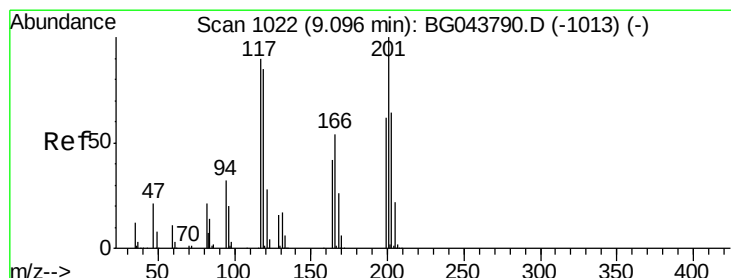
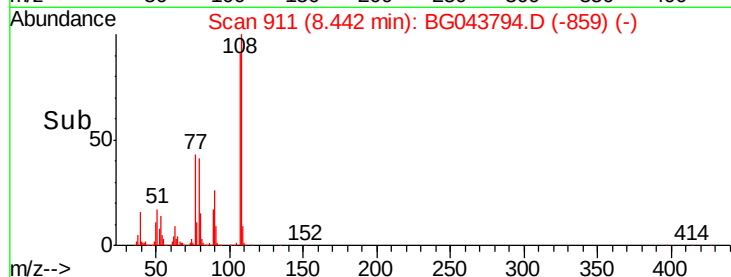
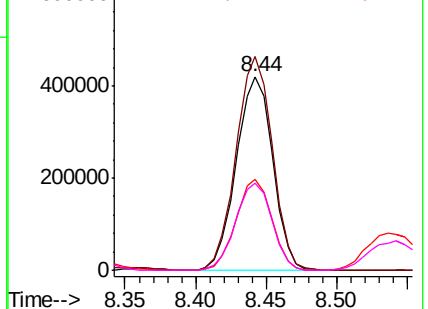


Abundance Ion 107.00 (106.70 to 107.70): E

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: 88.279 ng

RT: 9.09 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

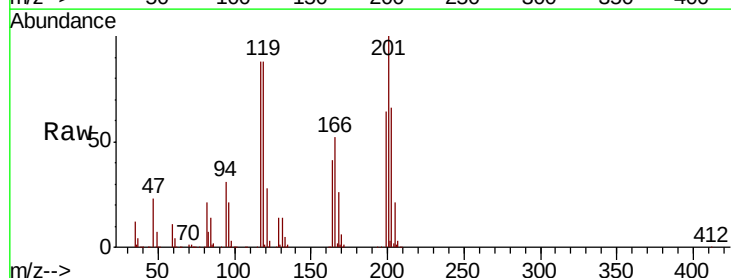
Tgt Ion:117 Resp: 361603

Ion Ratio Lower Upper

117 100

119 99.4 75.6 113.4

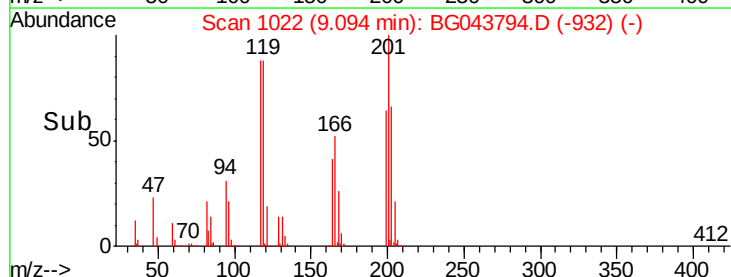
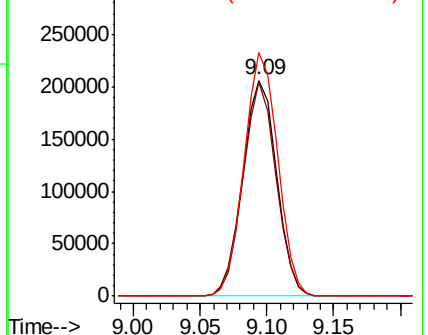
201 113.0 88.6 133.0

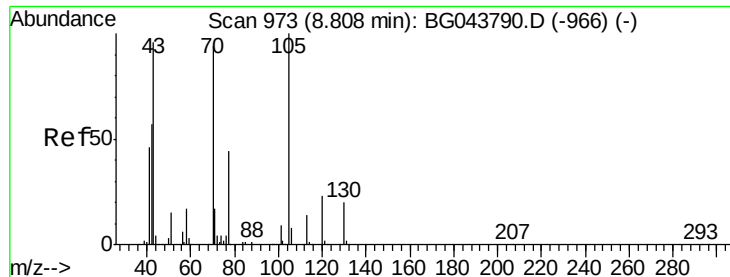


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

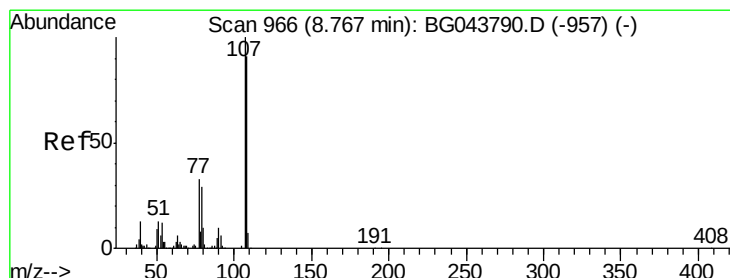
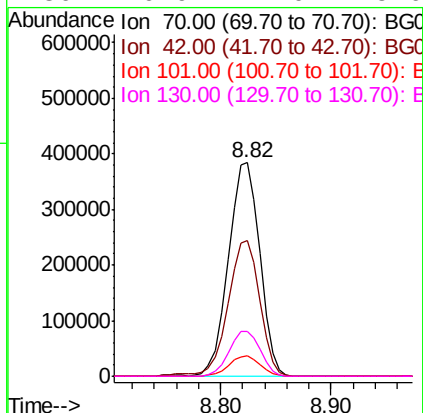
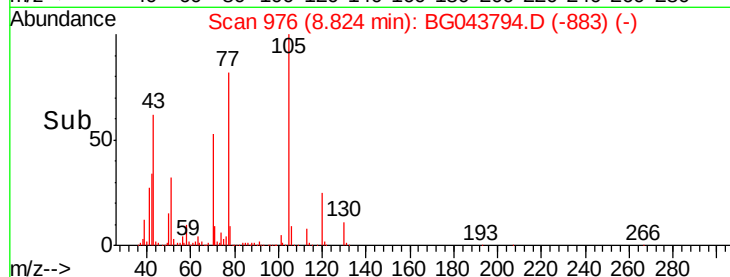
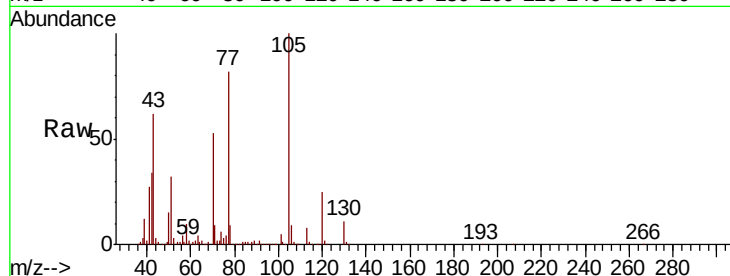




#19
n-Nitroso-di-n-propylamine
Concen: 83.897 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.02 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

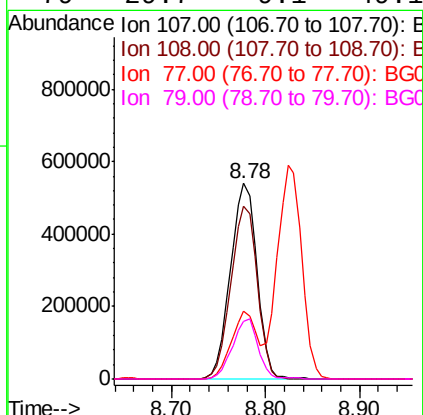
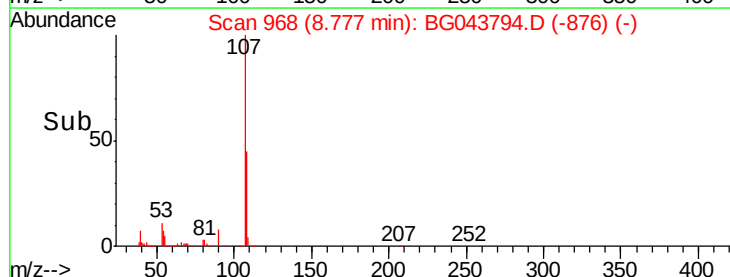
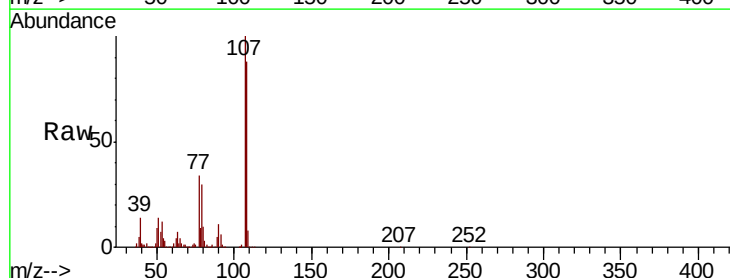
Instrument :
BNA_G
ClientSampled :

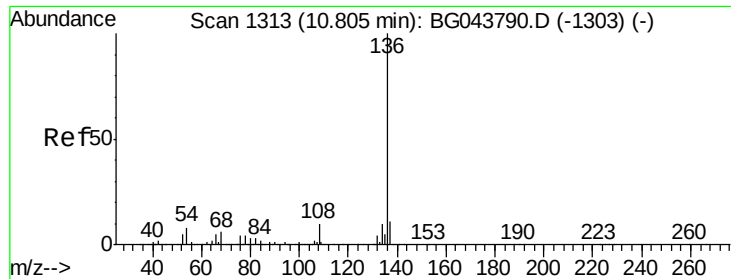
Tot Ion: 70 Resp: 765245
Ion Ratio Lower Upper
70 100
42 63.3 49.2 73.8
101 9.6 7.8 11.6
130 20.9 17.0 25.6



#20
3+4-Methylphenols
Concen: 89.206 ng
RT: 8.78 min Scan# 968
Delta R.T. 0.01 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Tgt Ion: 107 Resp: 1059471
Ion Ratio Lower Upper
107 100
108 88.3 70.9 110.9
77 34.4 12.7 52.7
79 29.7 9.1 49.1

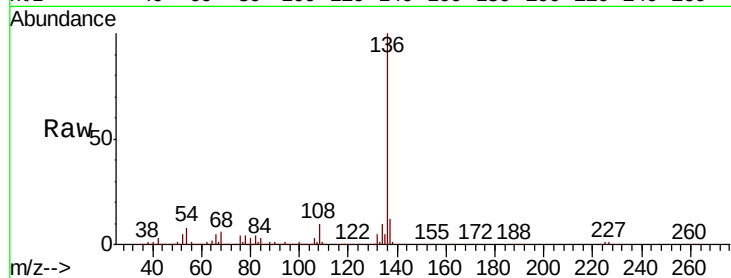




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	575223	
Ion Ratio	Lower	Upper	
136 100			
137 11.9	8.7	13.1	
54 8.1	6.8	10.2	
68 6.4	5.0	7.4	



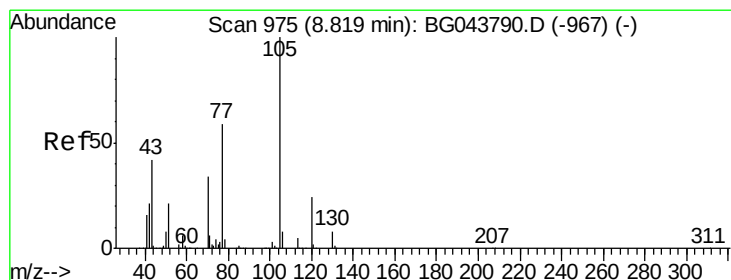
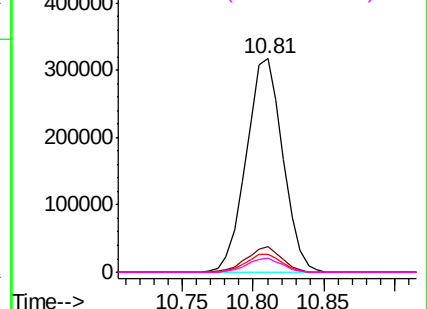
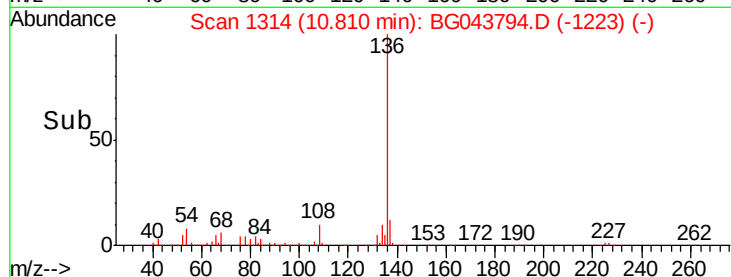
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

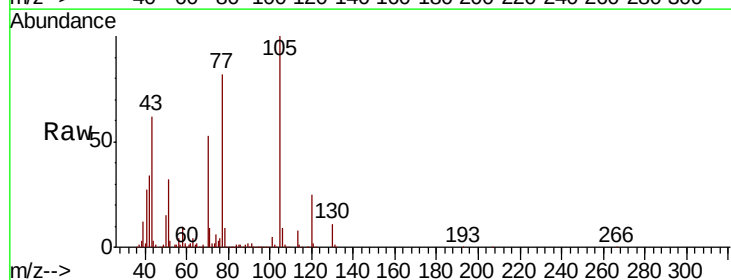
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 87.633 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Tgt	Ion:105	Resp:	1336047
Ion	Ratio	Lower	Upper
105	100		
71	9.4	4.9	7.3#
51	31.8	22.2	33.4
120	24.8	19.0	28.6



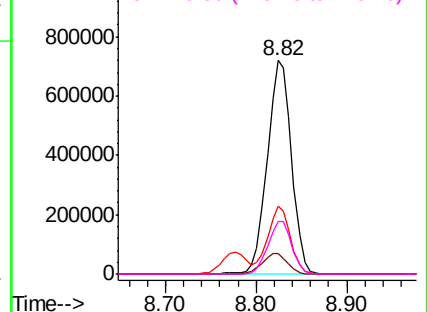
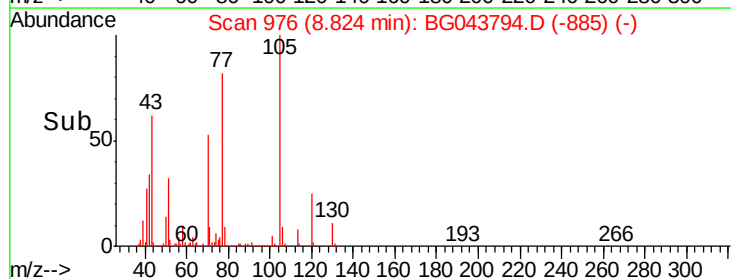
Abundance

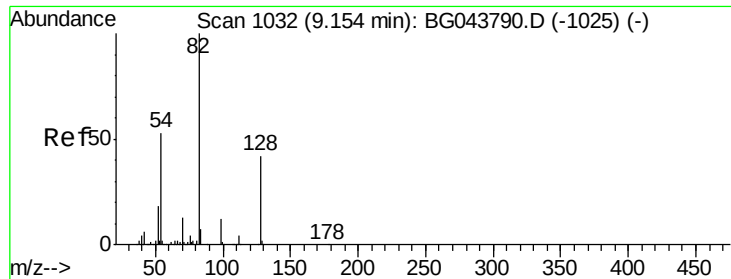
Ion 105.00 (104.70 to 105.70): E

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

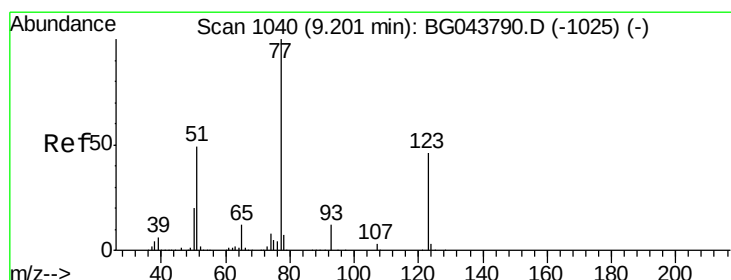
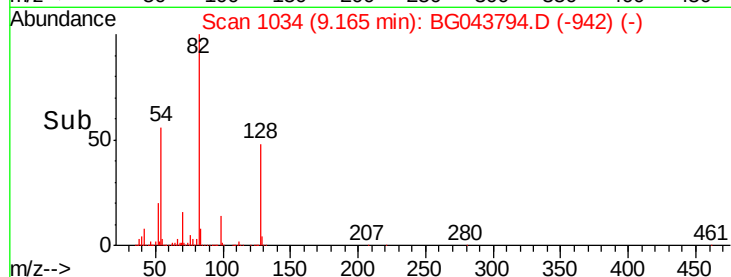
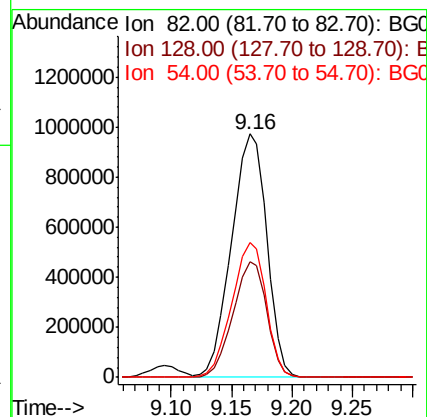
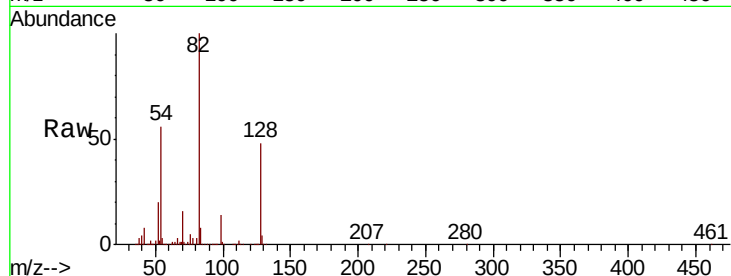




#23
 Nitrobenzene-d5
 Concen: 188.974 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: BG043794.D
 Acq: 9 Dec 2019 16:44

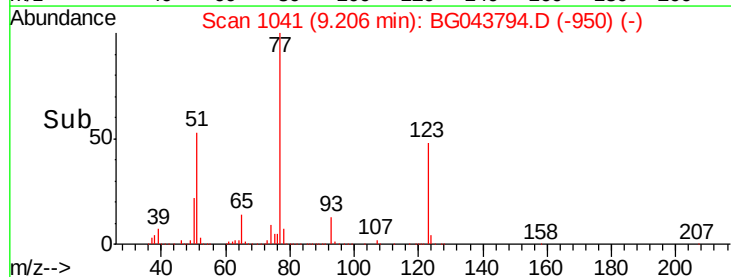
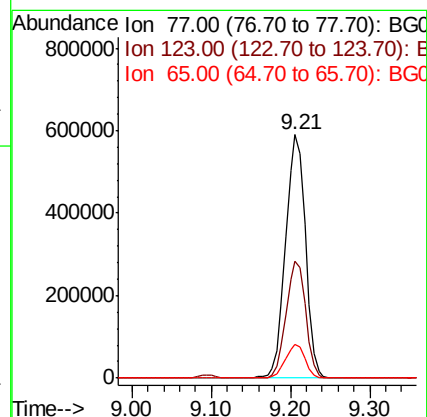
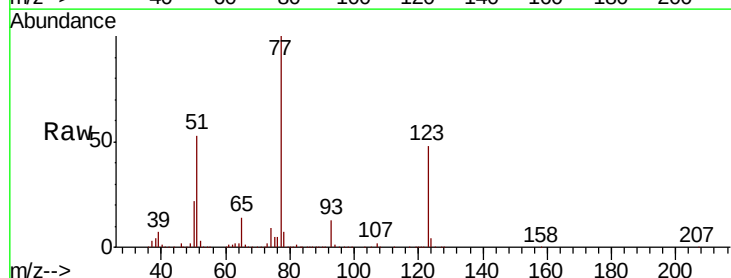
Instrument :
 BNA_G
 ClientSampled :

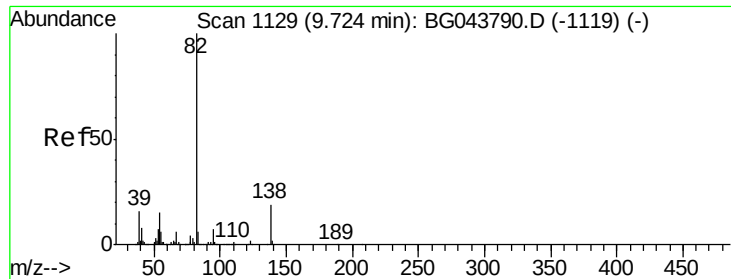
Tot Ion: 82 Resp: 1977034
 Ion Ratio Lower Upper
 82 100
 128 47.6 33.6 50.4
 54 55.5 42.1 63.1



#24
 Nitrobenzene
 Concen: 95.103 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG043794.D
 Acq: 9 Dec 2019 16:44

Tgt Ion: 77 Resp: 1022719
 Ion Ratio Lower Upper
 77 100
 123 48.0 36.6 55.0
 65 14.0 9.8 14.6





#25

Isophorone

Concen: 86.381 ng

RT: 9.73 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

ClientSampled :

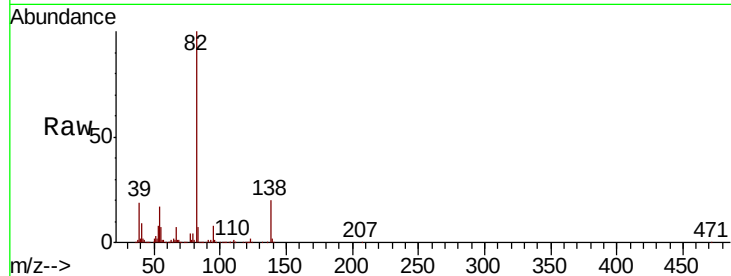
Tot Ion: 82 Resp: 1937782

Ion Ratio Lower Upper

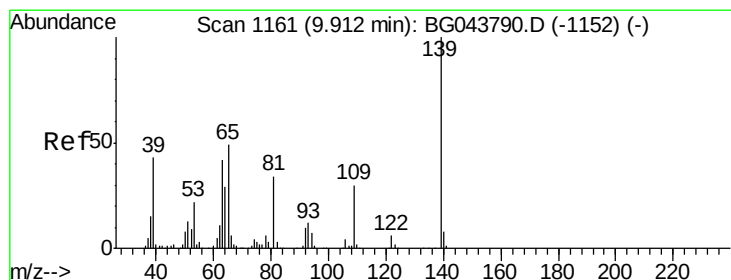
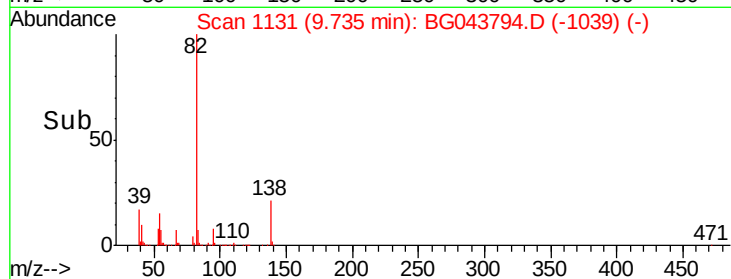
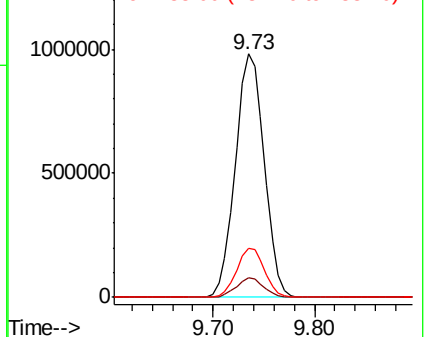
82 100

95 7.8 5.6 8.4

138 20.3 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: 118.652 ng

RT: 9.92 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

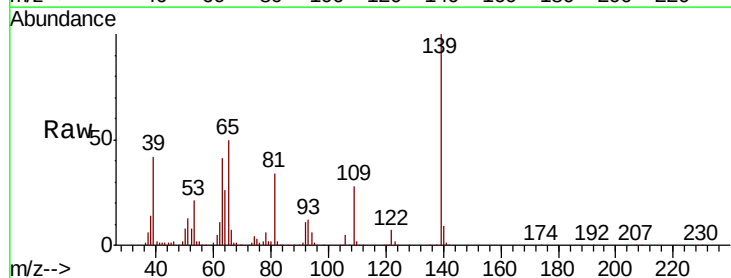
Tgt Ion: 139 Resp: 460350

Ion Ratio Lower Upper

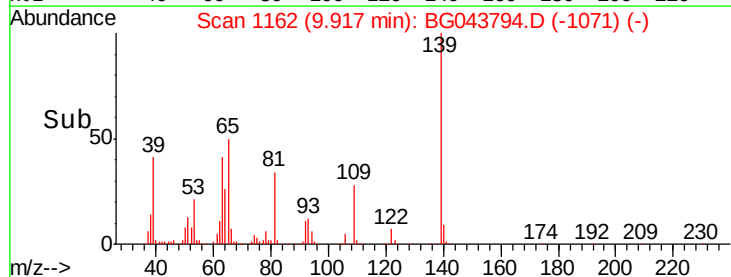
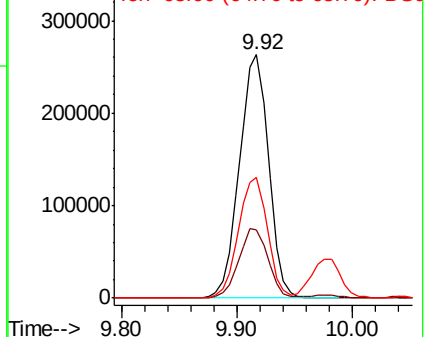
139 100

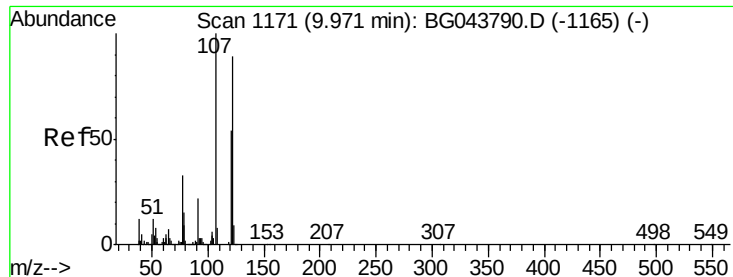
109 28.3 23.9 35.9

65 49.7 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: 94.408 ng

RT: 9.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

ClientSampleId :

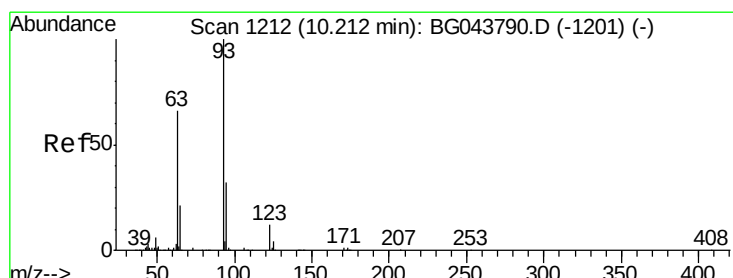
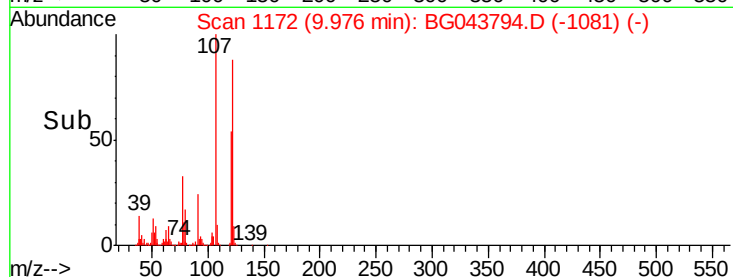
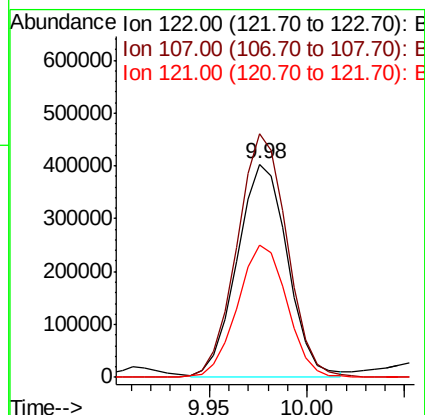
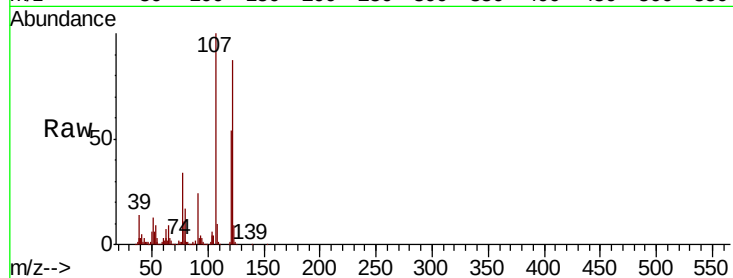
Tot Ion:122 Resp: 719229

Ion Ratio Lower Upper

122 100

107 114.3 90.0 135.0

121 61.9 48.6 73.0



#28

bis(2-Chloroethoxy)methane

Concen: 88.891 ng

RT: 10.22 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

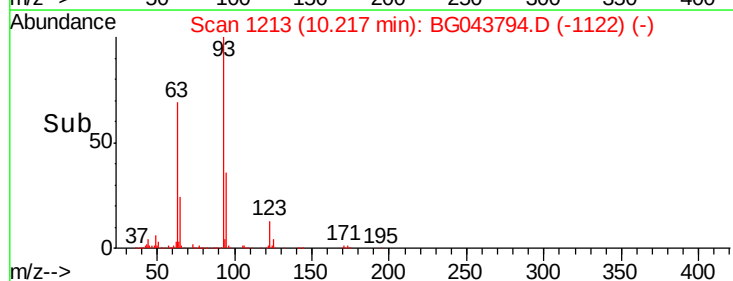
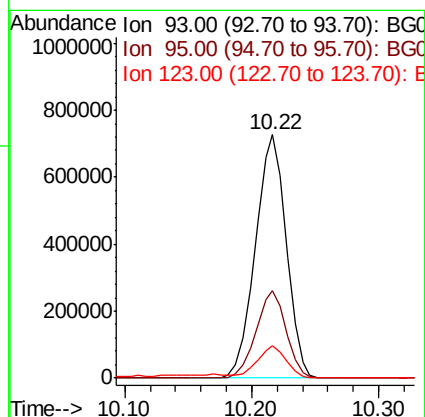
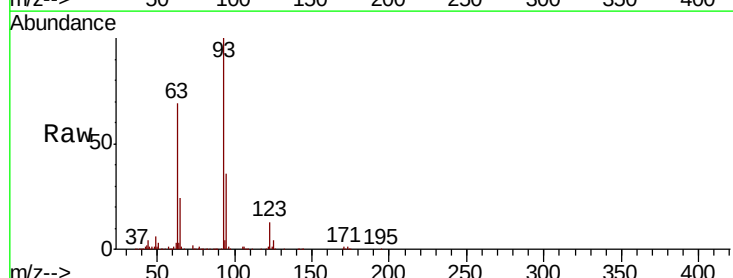
Tgt Ion: 93 Resp: 1229028

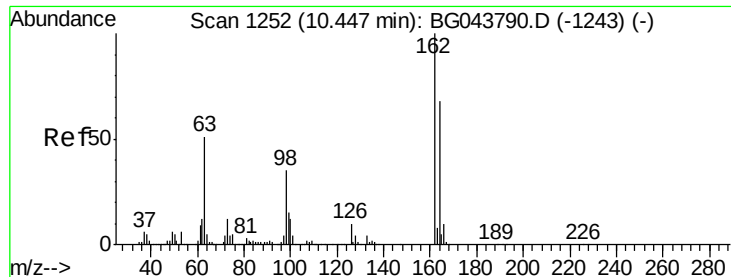
Ion Ratio Lower Upper

93 100

95 35.8 25.7 38.5

123 13.1 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 96.791 ng

RT: 10.45 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

ClientSampleId :

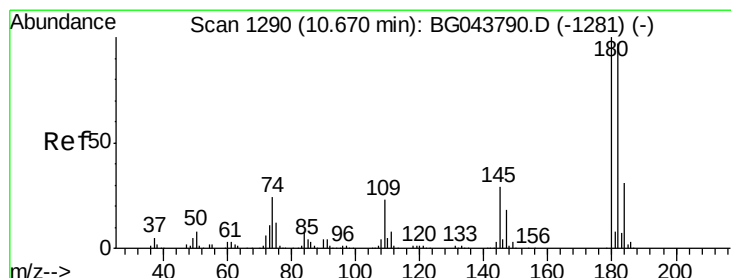
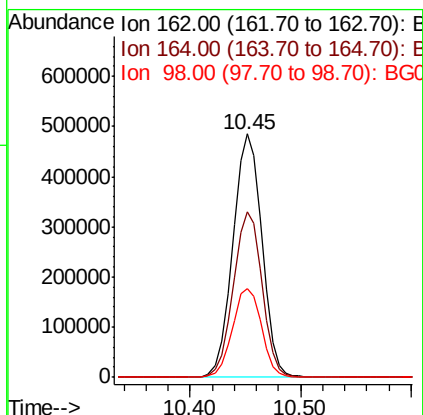
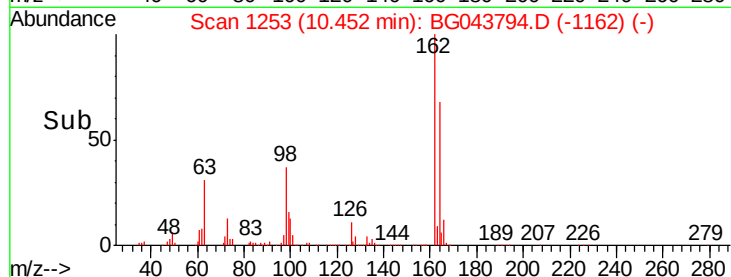
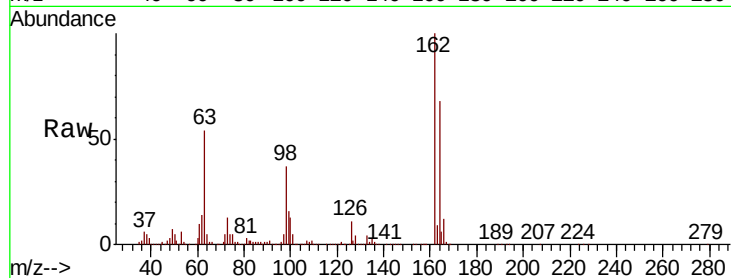
Tot Ion:162 Resp: 896432

Ion Ratio Lower Upper

162 100

164 68.0 48.0 88.0

98 36.7 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 93.609 ng

RT: 10.67 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

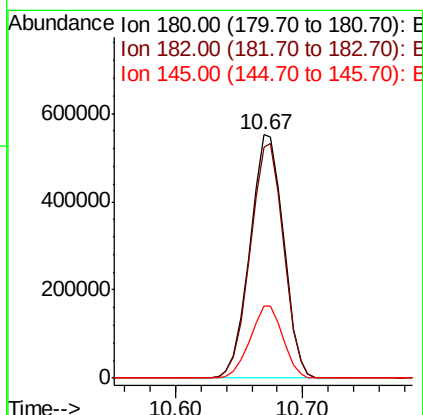
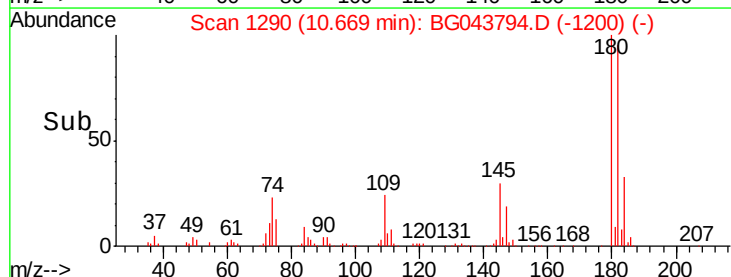
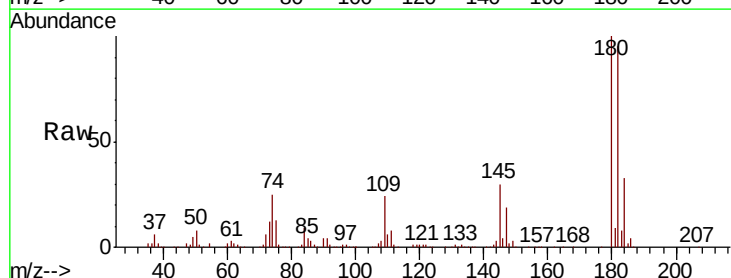
Tgt Ion:180 Resp: 1015937

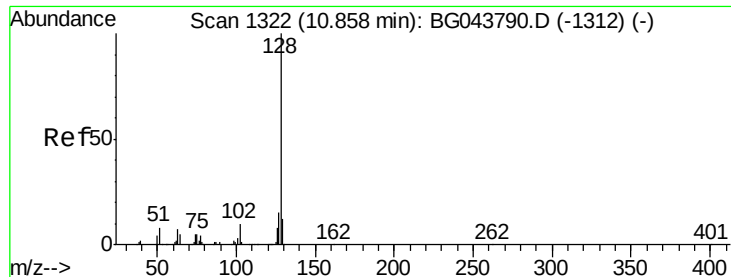
Ion Ratio Lower Upper

180 100

182 94.9 77.8 116.8

145 29.8 23.0 34.6

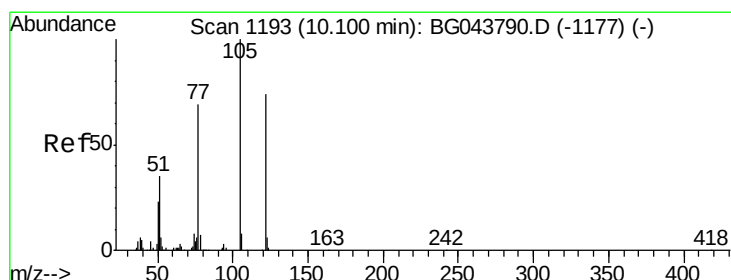
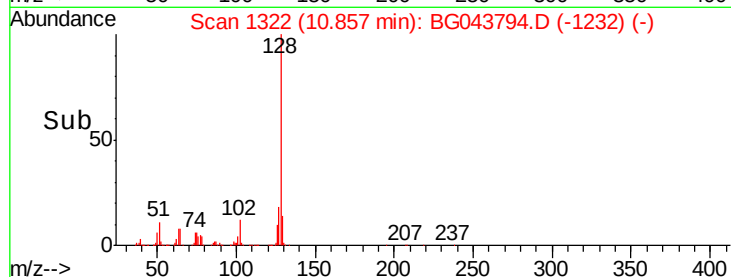
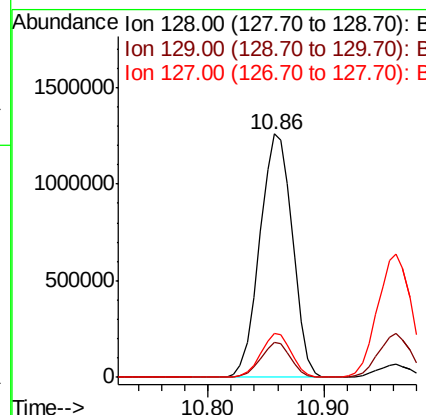
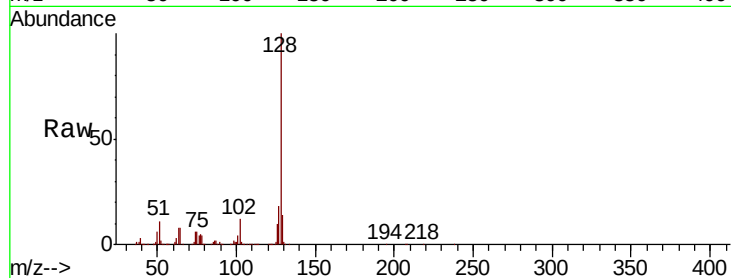




#31
Naphthalene
Concen: 86.692 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

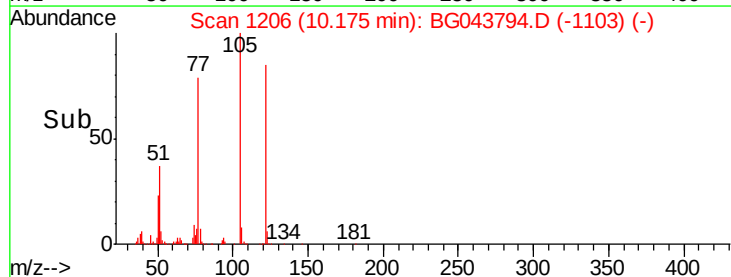
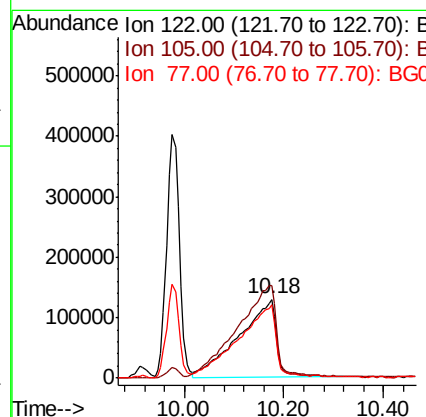
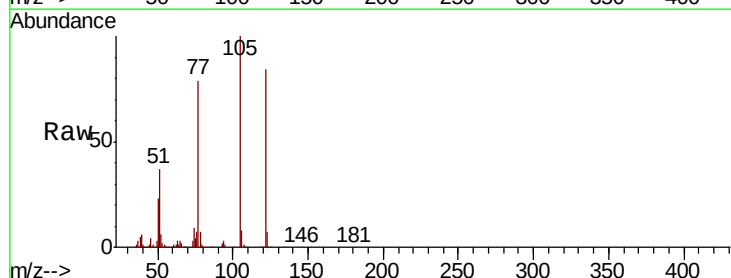
Instrument :
BNA_G
ClientSampleId :

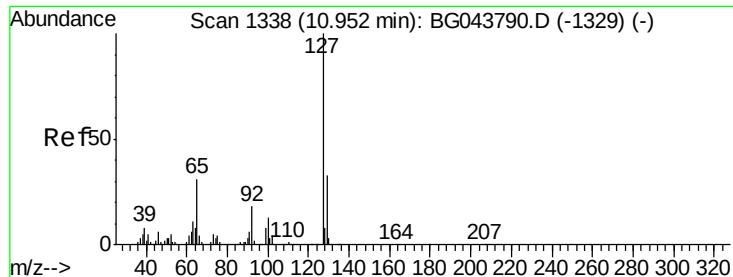
Tot Ion:128 Resp: 2473710
Ion Ratio Lower Upper
128 100
129 14.2 9.8 14.6
127 18.1 11.9 17.9#



#32
Benzoic acid
Concen: 122.589 ng
RT: 10.18 min Scan# 1206
Delta R.T. 0.08 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Tgt Ion:122 Resp: 673490
Ion Ratio Lower Upper
122 100
105 118.4 107.5 147.5
77 93.1 71.7 111.7

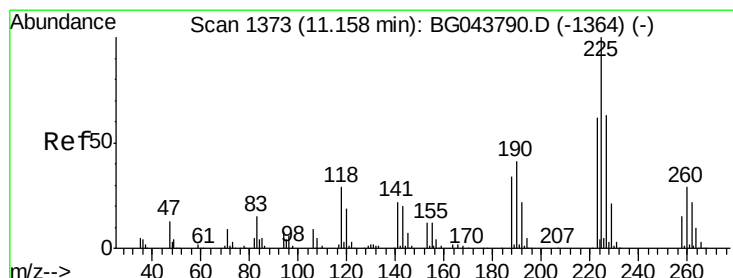
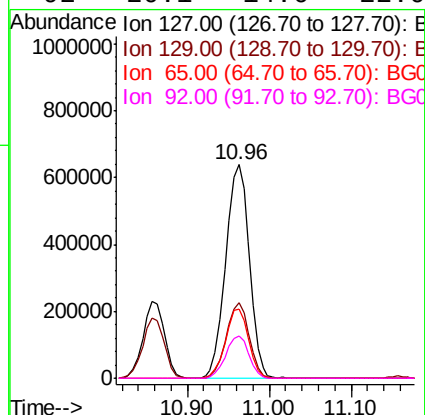
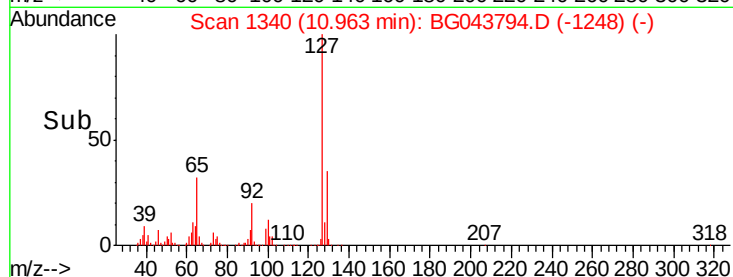
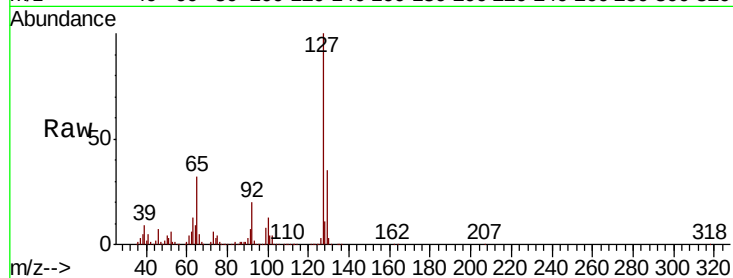




#33
4-Chloroaniline
Concen: 93.616 ng
RT: 10.96 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

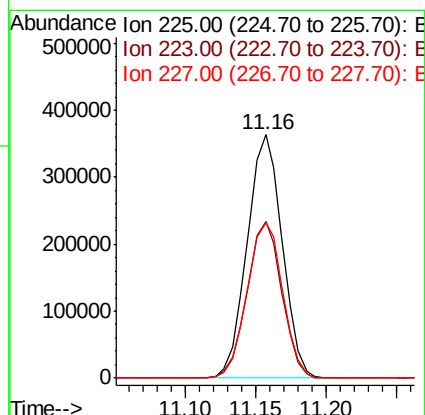
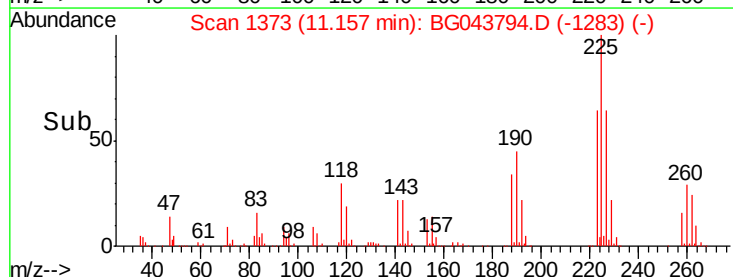
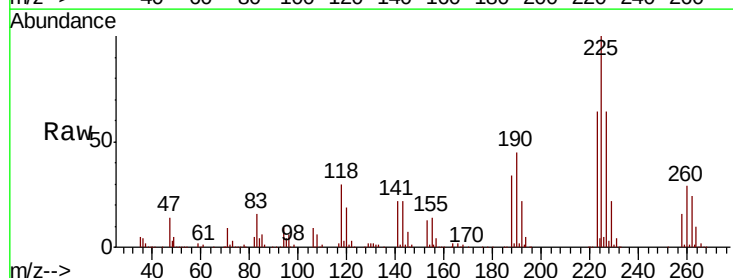
Instrument :
BNA_G
ClientSampled :

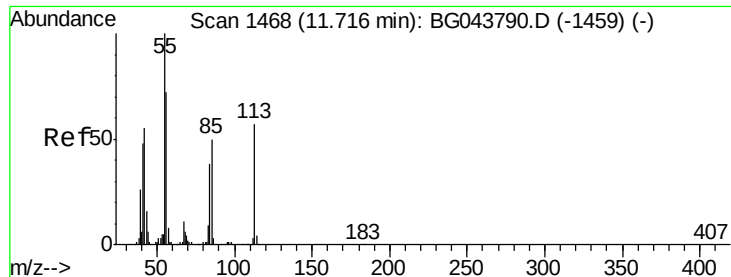
Tot Ion:127 Resp: 1287002
Ion Ratio Lower Upper
127 100
129 35.1 26.1 39.1
65 32.3 24.4 36.6
92 20.1 14.6 22.0



#34
Hexachlorobutadiene
Concen: 88.615 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Tgt Ion:225 Resp: 632414
Ion Ratio Lower Upper
225 100
223 64.4 49.3 73.9
227 63.9 50.2 75.2

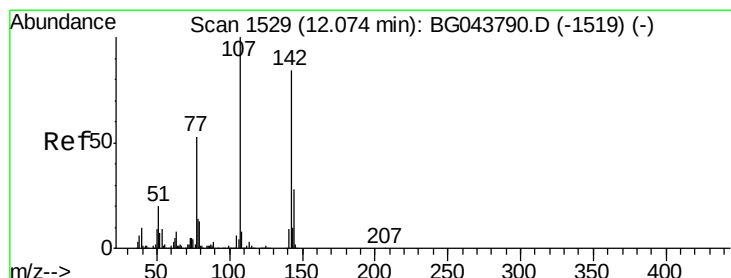
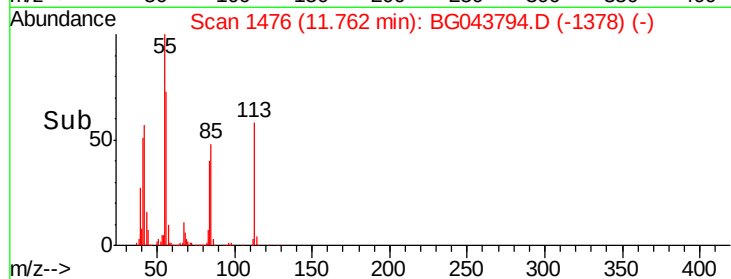
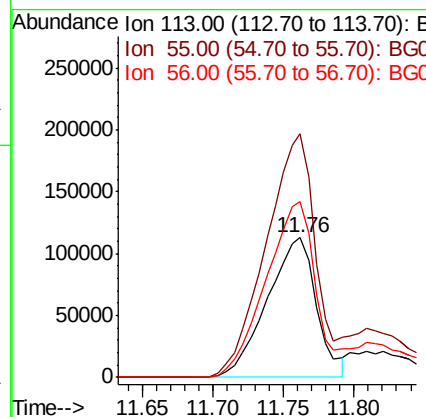
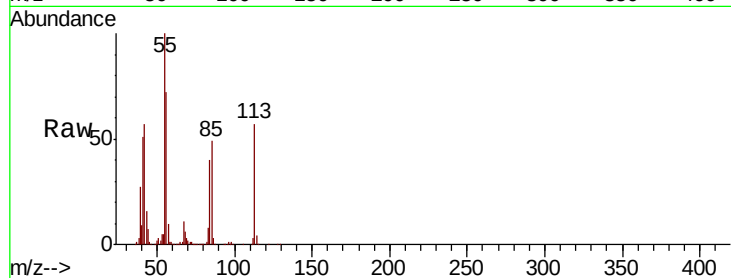




#35
 Caprolactam
 Concen: 72.944 ng
 RT: 11.76 min Scan# 1476
 Delta R.T. 0.05 min
 Lab File: BG043794.D
 Acq: 9 Dec 2019 16:44

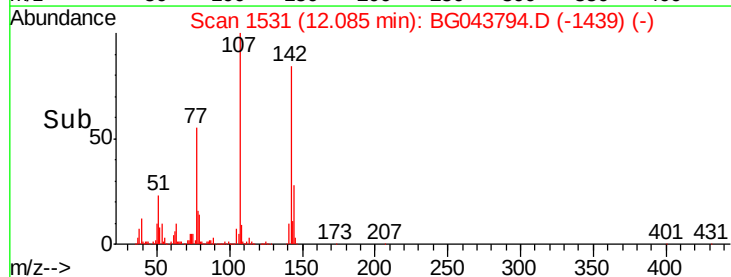
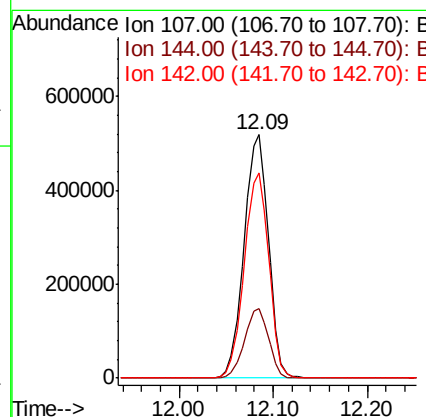
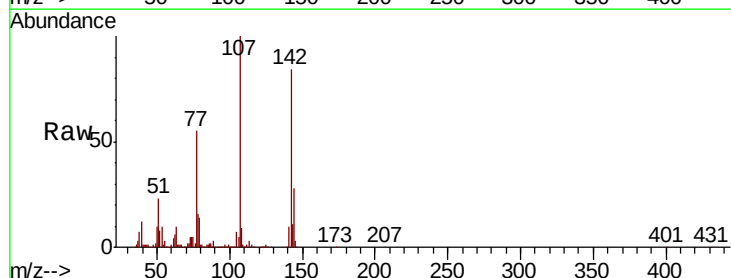
Instrument :
 BNA_G
 ClientSampled :

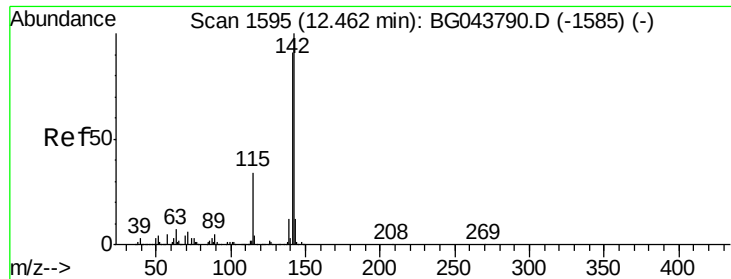
Tot Ion:113 Resp: 274703
 Ion Ratio Lower Upper
 113 100
 55 174.1 154.2 194.2
 56 126.1 105.6 145.6



#36
 4-Chloro-3-methylphenol
 Concen: 89.617 ng
 RT: 12.09 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: BG043794.D
 Acq: 9 Dec 2019 16:44

Tgt Ion:107 Resp: 932746
 Ion Ratio Lower Upper
 107 100
 144 28.4 22.2 33.4
 142 84.3 67.0 100.6

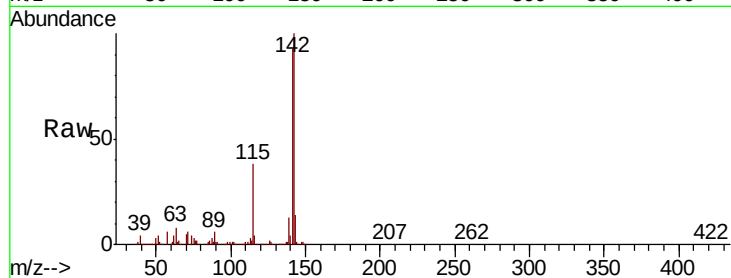




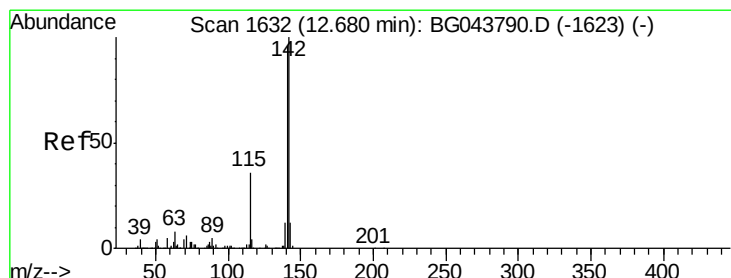
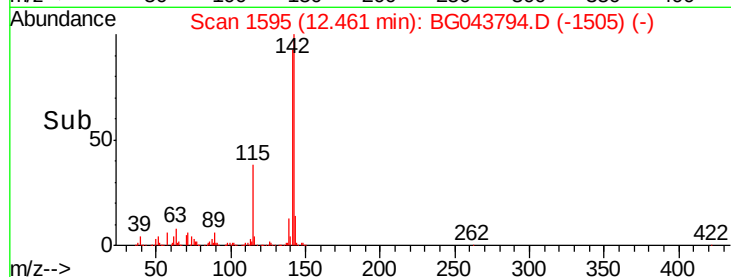
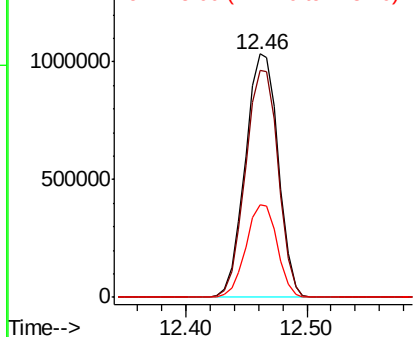
#37
2-Methylnaphthalene
Concen: 91.128 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 1959558
Ion Ratio Lower Upper
142 100
141 93.2 73.2 109.8
115 38.0 27.3 40.9

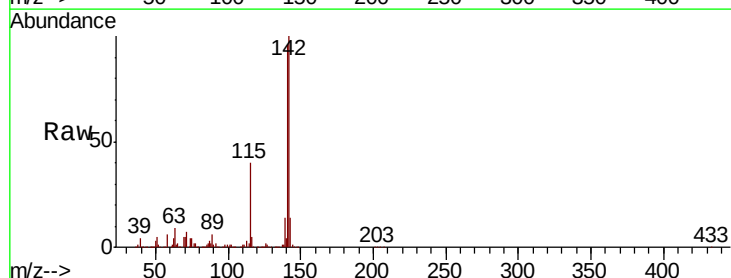


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

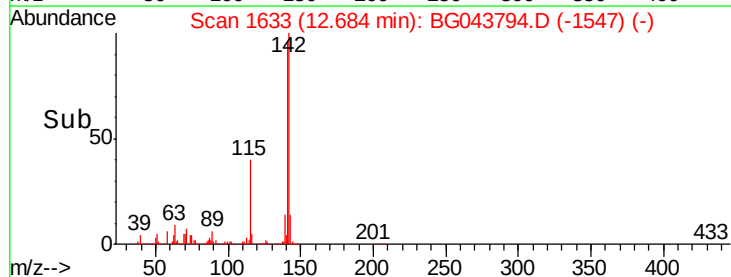
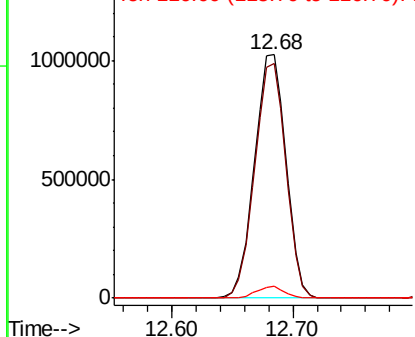


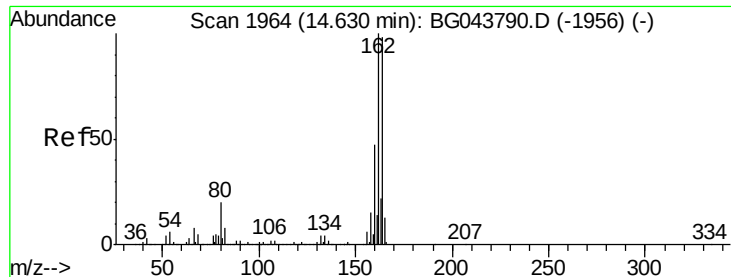
#38
1-Methylnaphthalene
Concen: 90.591 ng
RT: 12.68 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Tgt Ion:142 Resp: 1848765
Ion Ratio Lower Upper
142 100
141 96.4 76.9 115.3
116 4.7 3.2 4.8



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

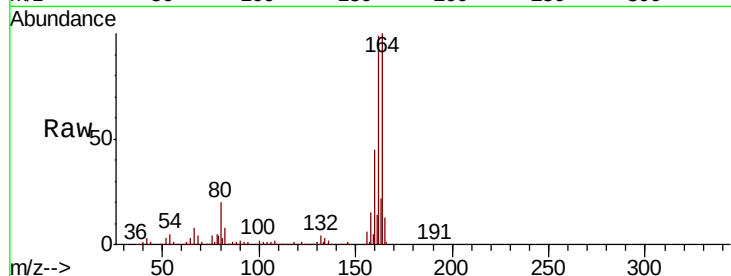
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 394465

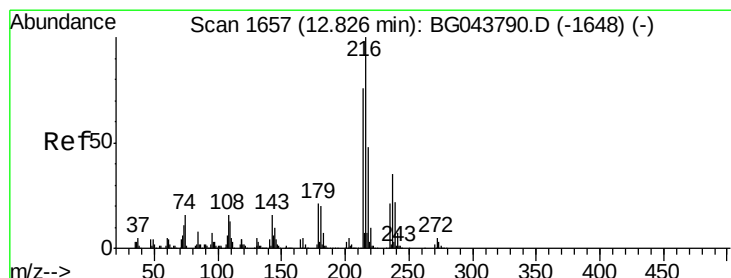
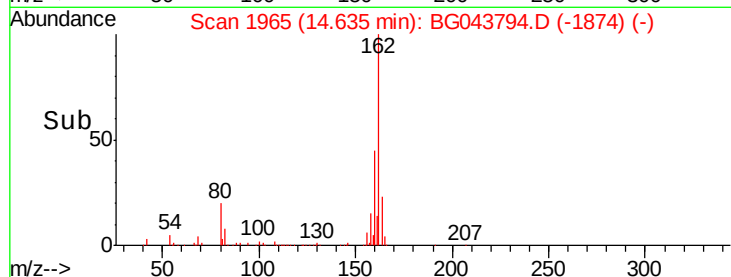
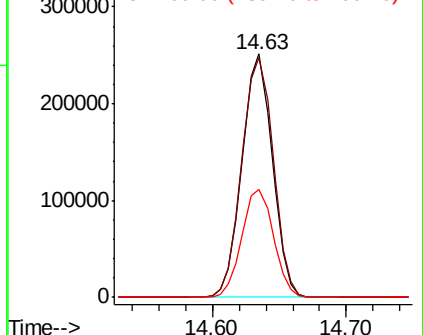
Ion	Ratio	Lower	Upper
164	100		
162	98.7	81.9	122.9
160	44.5	38.3	57.5



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: 91.160 ng

RT: 12.83 min Scan# 1658

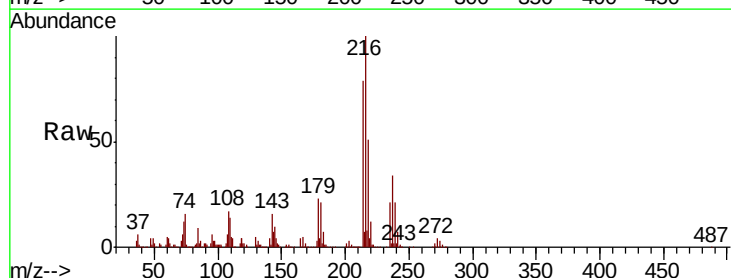
Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Tgt Ion:216 Resp: 1144216

Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.2	93.4
179	22.1	16.6	25.0
108	17.5	13.7	20.5

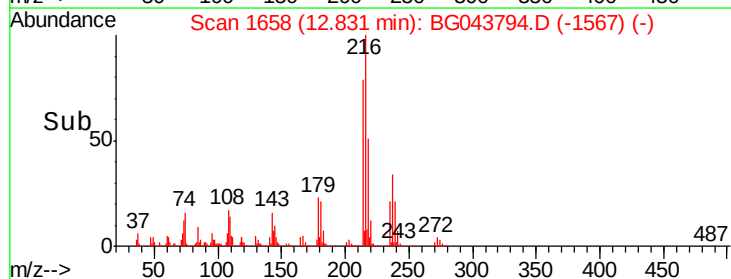
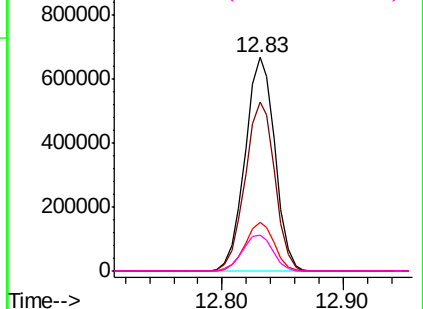


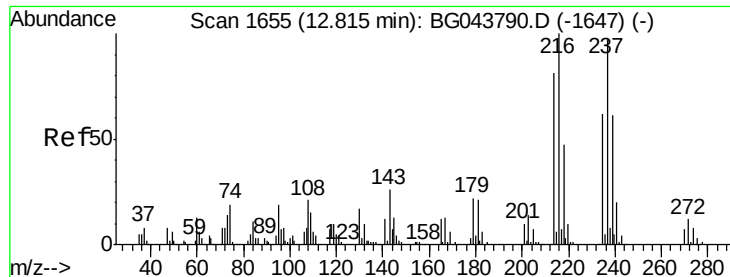
Abundance Ion 216.00 (215.70 to 216.70): E

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: 89.246 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

ClientSampleId :

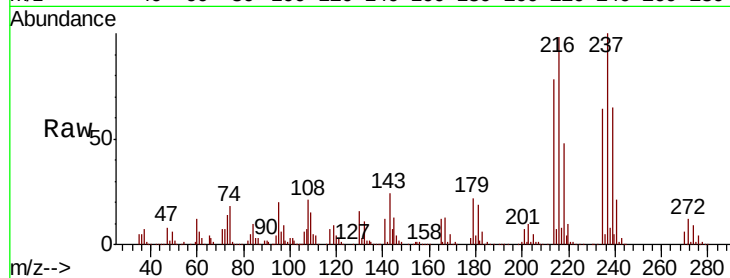
Tot Ion:237 Resp: 605217

Ion Ratio Lower Upper

237 100

235 64.2 43.9 83.9

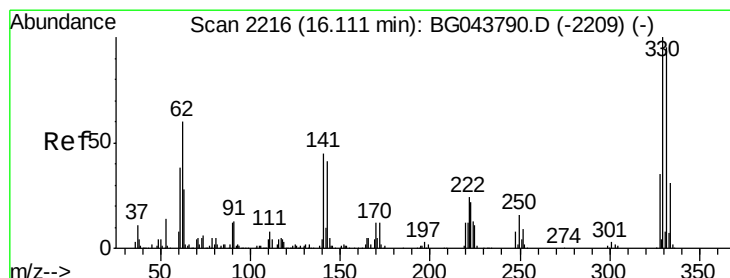
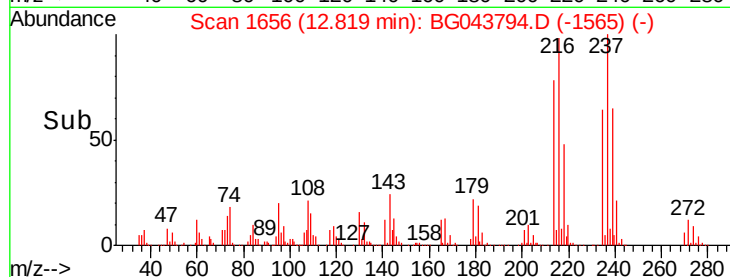
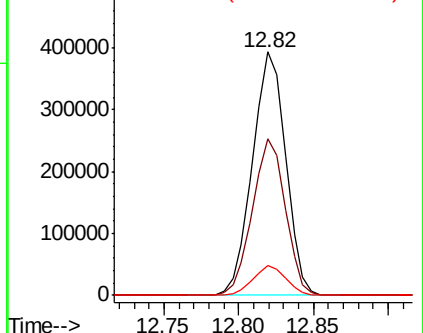
272 12.2 0.0 32.0



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: 157.215 ng

RT: 16.12 min Scan# 2218

Delta R.T. 0.01 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

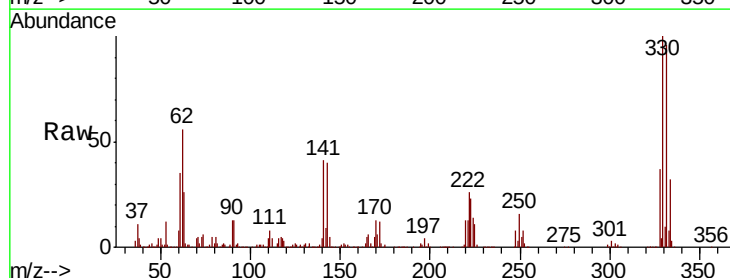
Tgt Ion:330 Resp: 748006

Ion Ratio Lower Upper

330 100

332 95.5 76.9 115.3

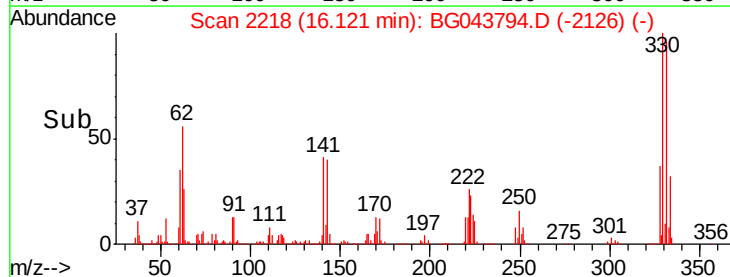
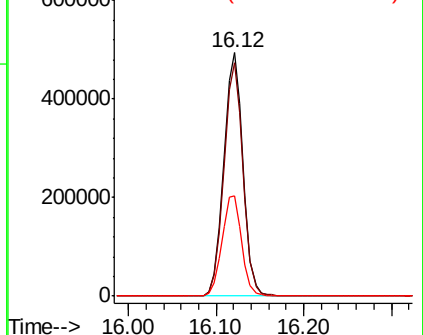
141 42.5 33.8 50.8

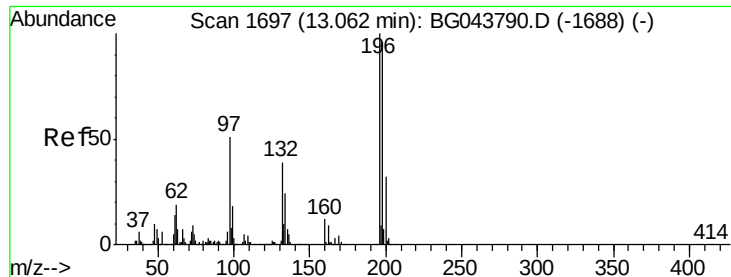


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 95.164 ng

RT: 13.07 min Scan# 1698

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

ClientSampleId :

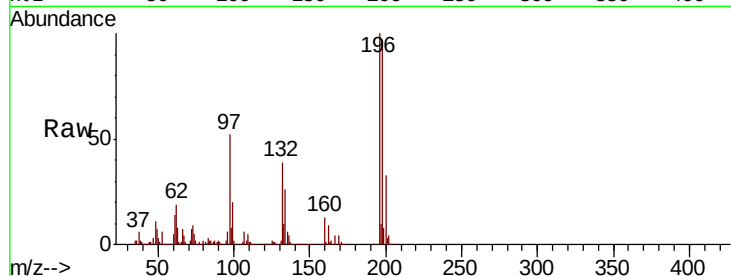
Tot Ion:196 Resp: 768224

Ion Ratio Lower Upper

196 100

198 97.3 77.0 115.6

200 33.4 25.7 38.5

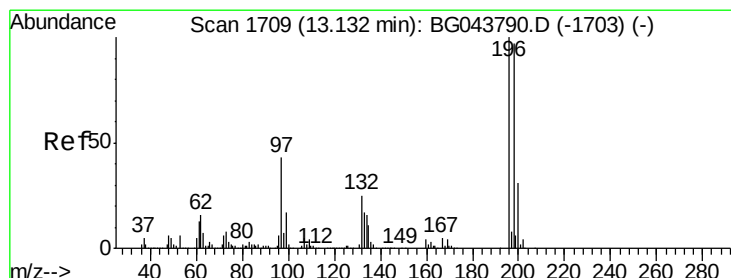
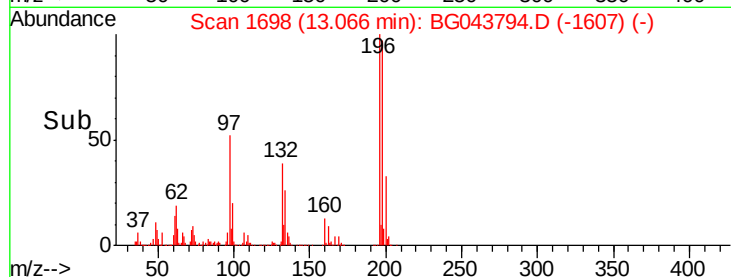
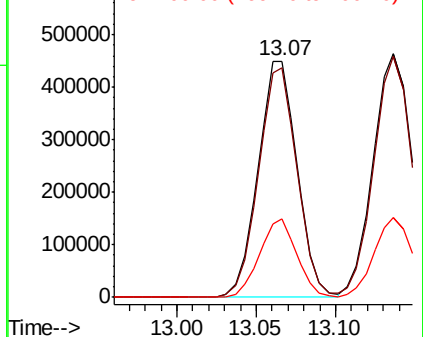


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 94.986 ng

RT: 13.14 min Scan# 1710

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Tgt Ion:196 Resp: 797703

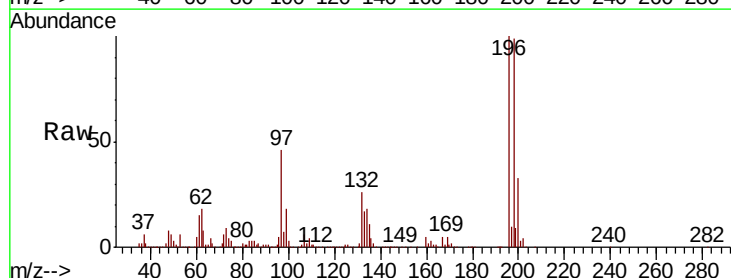
Ion Ratio Lower Upper

196 100

198 99.0 77.4 116.0

97 46.2 34.7 52.1

132 26.0 20.0 30.0



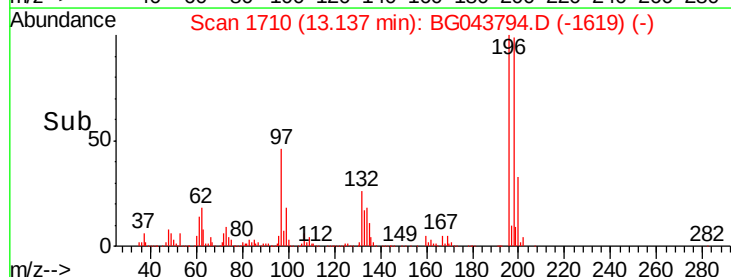
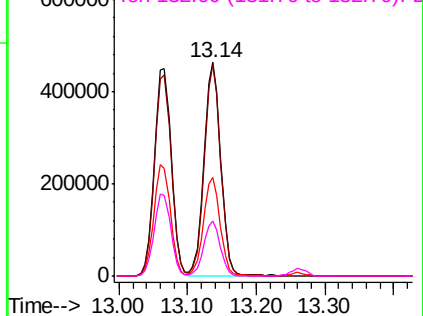
Abundance

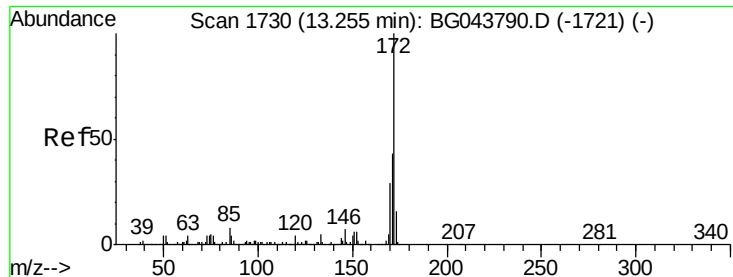
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

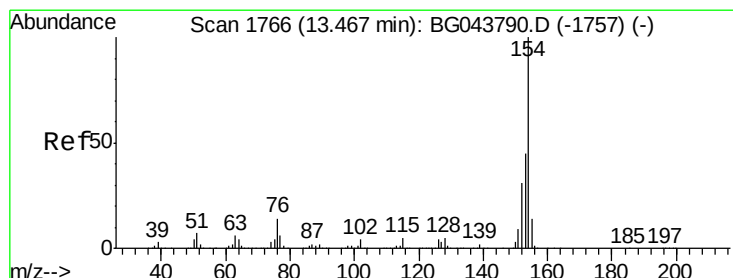
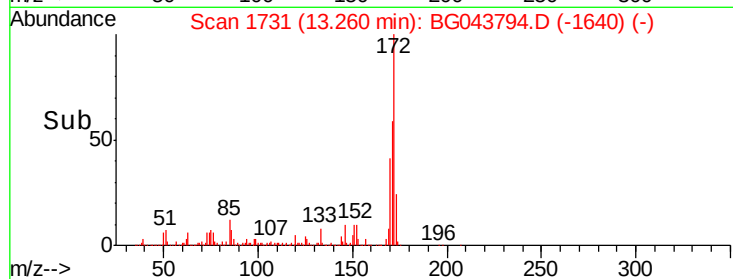
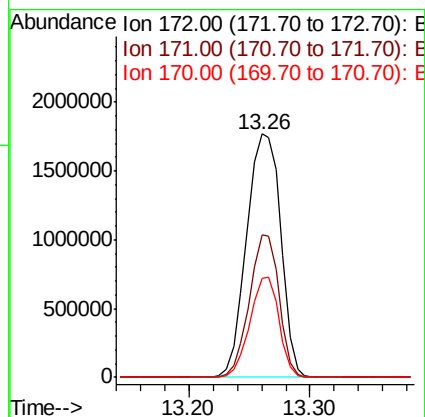
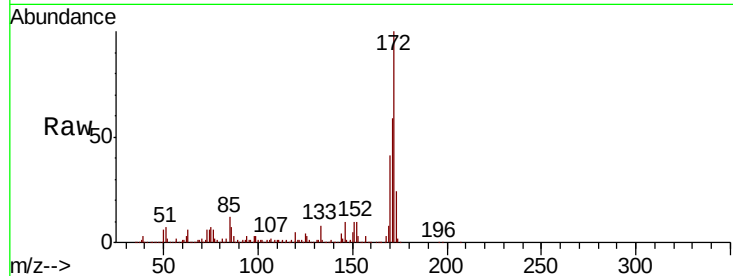




#45
2-Fluorobiphenyl
Concen: 144.999 ng
RT: 13.26 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

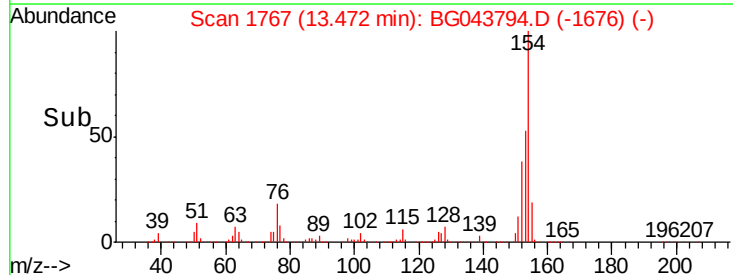
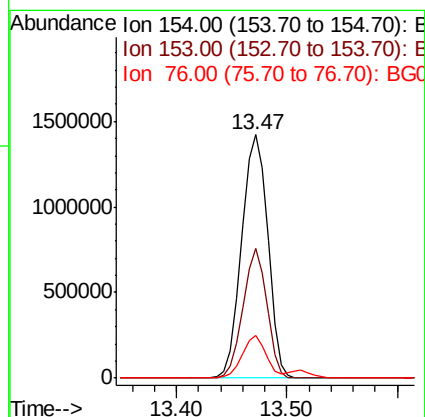
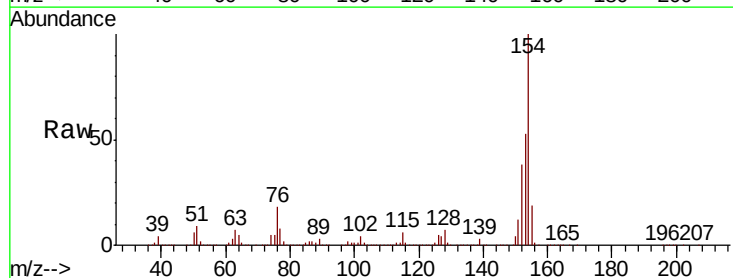
Instrument :
BNA_G
ClientSampleId :

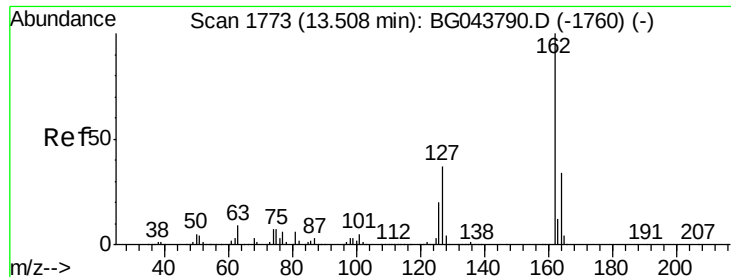
Tot Ion:172 Resp: 3479575
Ion Ratio Lower Upper
172 100
171 58.6 34.6 51.8#
170 40.8 23.3 34.9#



#46
1,1'-Biphenyl
Concen: 86.902 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Tgt Ion:154 Resp: 2376162
Ion Ratio Lower Upper
154 100
153 53.3 24.5 64.5
76 17.6 0.0 33.9

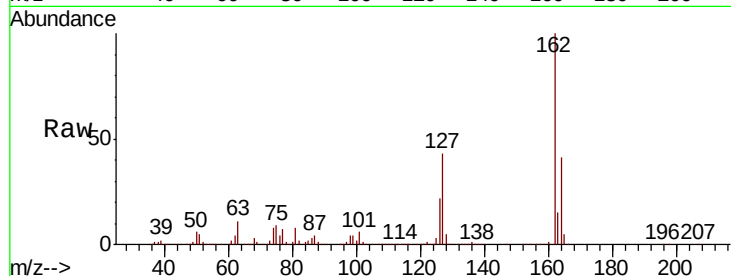




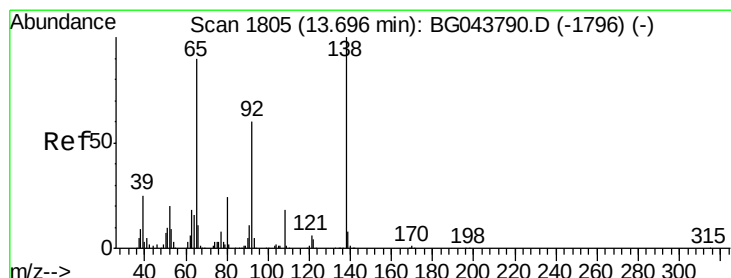
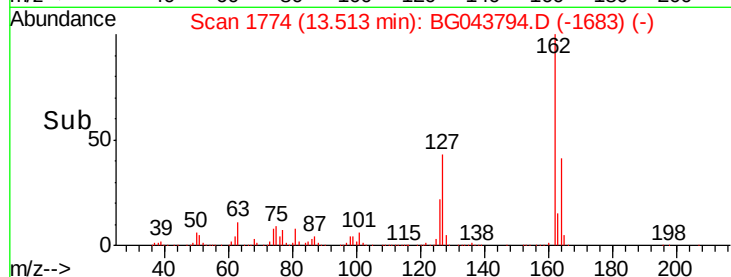
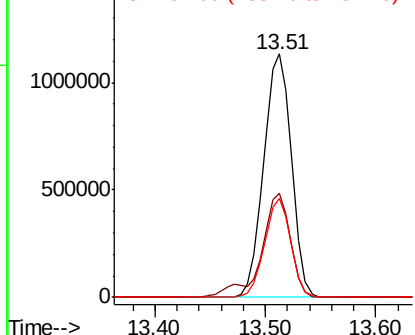
#47
2-Chloronaphthalene
Concen: 89.389 ng
RT: 13.51 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:162 Resp: 1993212
Ion Ratio Lower Upper
162 100
127 42.6 30.0 45.0
164 40.8 27.6 41.4

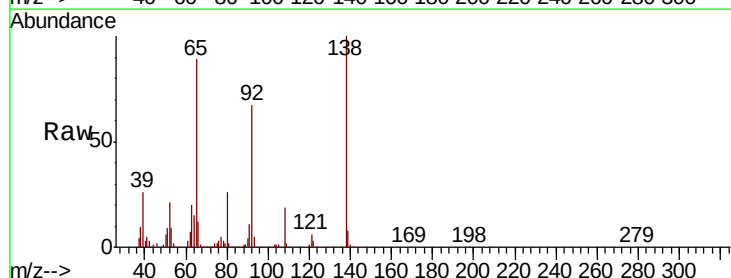


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

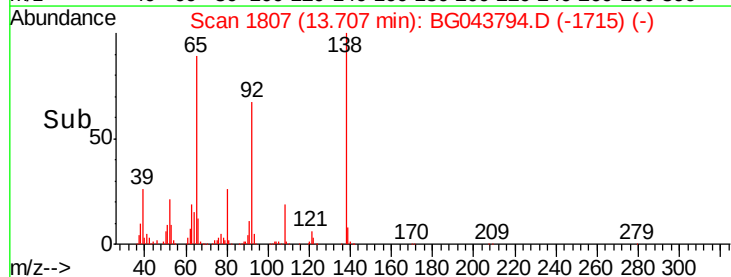
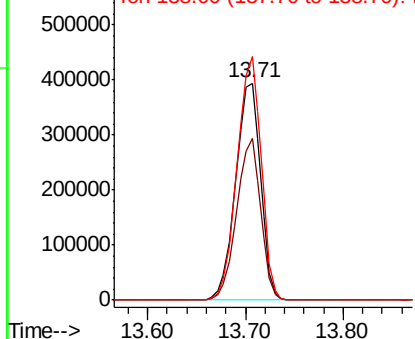


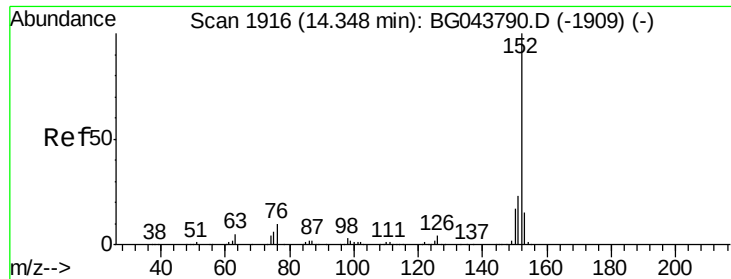
#48
2-Nitroaniline
Concen: 106.853 ng
RT: 13.71 min Scan# 1807
Delta R.T. 0.01 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Tgt Ion: 65 Resp: 697539
Ion Ratio Lower Upper
65 100
92 74.7 53.7 80.5
138 112.1 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: 79.843 ng

RT: 14.36 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

ClientSampleId :

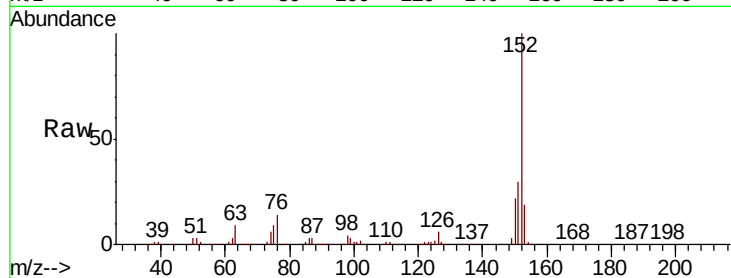
Tot Ion:152 Resp: 2801041

Ion Ratio Lower Upper

152 100

151 30.5 18.5 27.7#

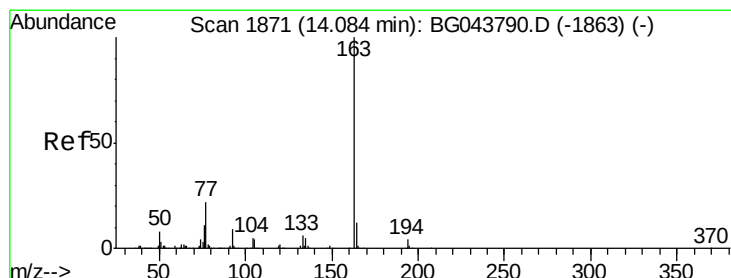
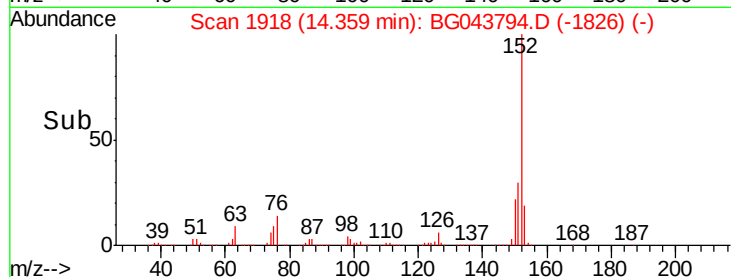
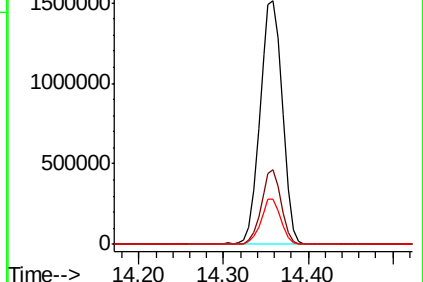
153 18.7 11.8 17.8#



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: 76.824 ng

RT: 14.09 min Scan# 1873

Delta R.T. 0.01 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

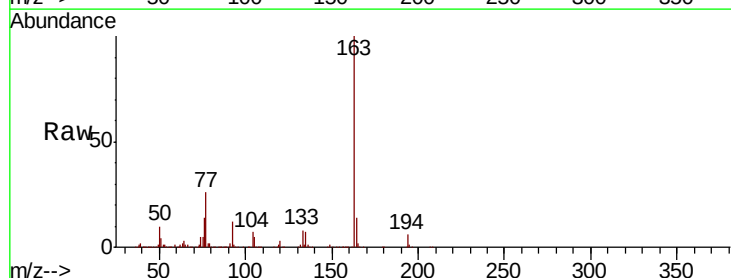
Tgt Ion:163 Resp: 2400595

Ion Ratio Lower Upper

163 100

194 5.8 3.6 5.4#

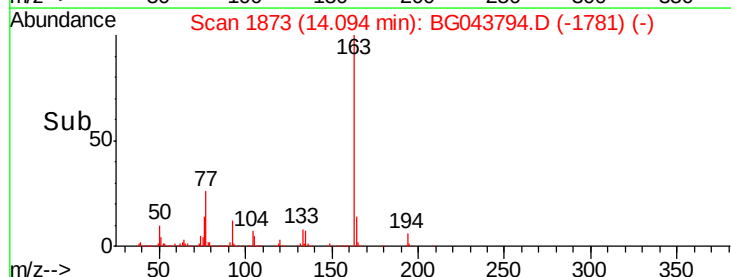
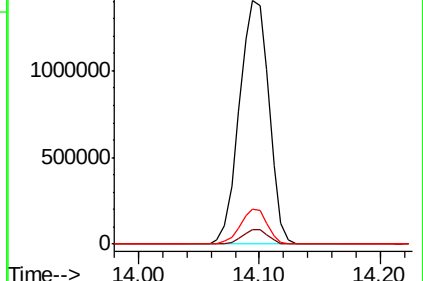
164 14.5 9.4 14.0#

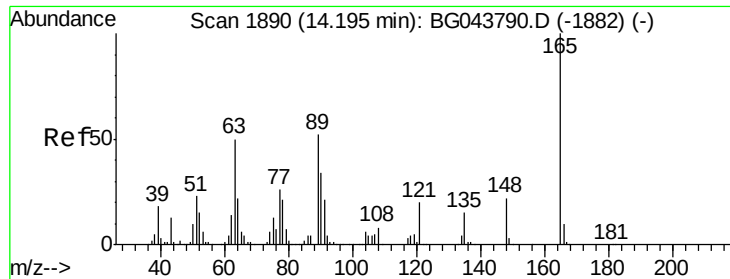


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

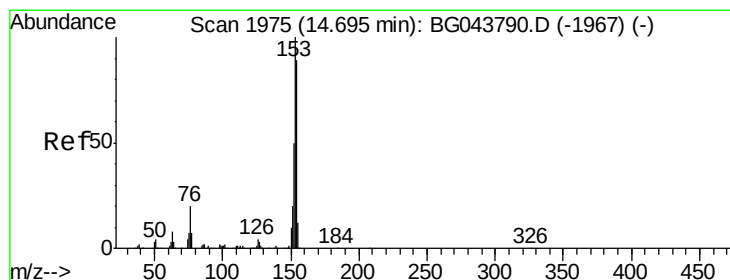
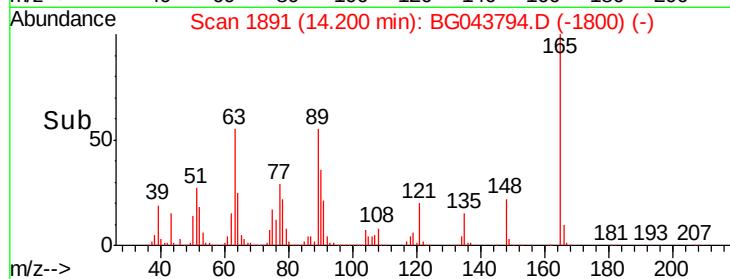
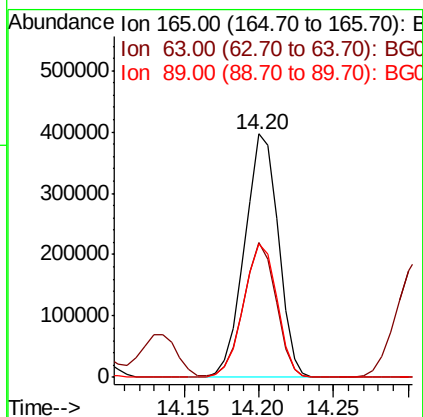
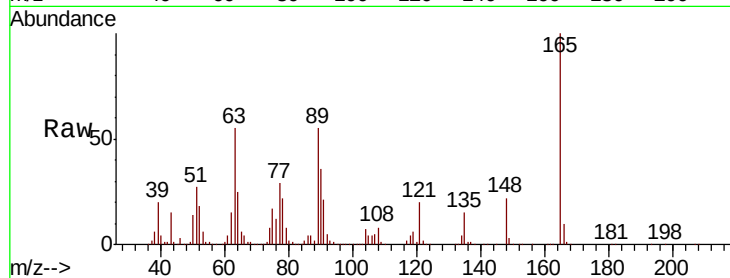




#51
 2,6-Dinitrotoluene
 Concen: 106.810 ng
 RT: 14.20 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: BG043794.D
 Acq: 9 Dec 2019 16:44

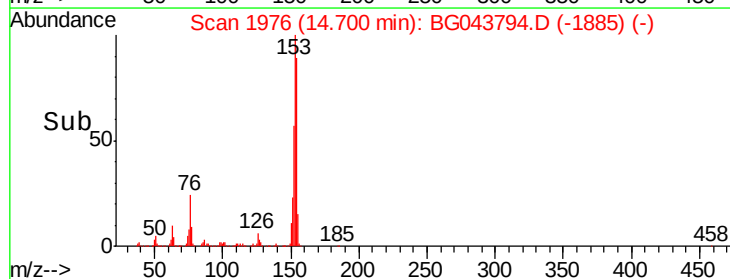
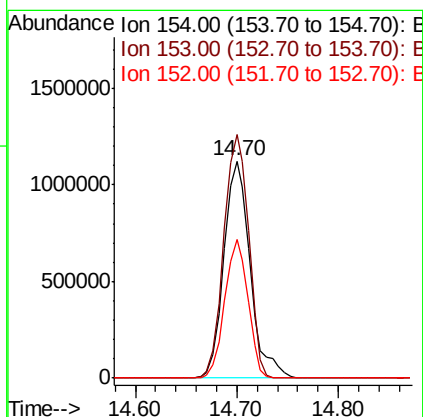
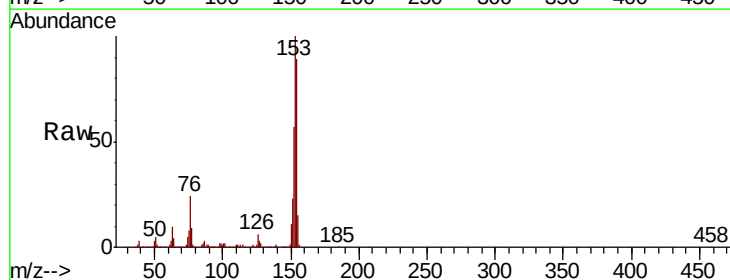
Instrument :
 BNA_G
 ClientSampleId :

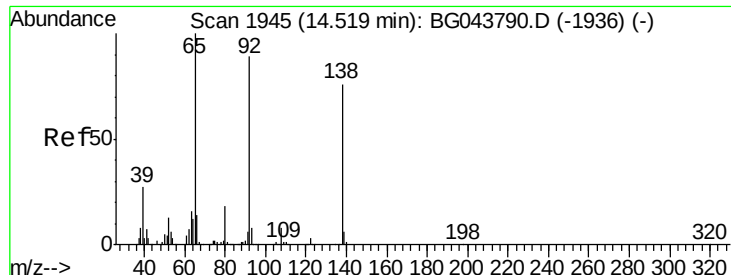
Tot Ion:165 Resp: 619814
 Ion Ratio Lower Upper
 165 100
 63 55.2 40.3 60.5
 89 54.6 41.8 62.8



#52
 Acenaphthene
 Concen: 89.750 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: BG043794.D
 Acq: 9 Dec 2019 16:44

Tgt Ion:154 Resp: 2013558
 Ion Ratio Lower Upper
 154 100
 153 112.1 89.5 134.3
 152 63.7 45.0 67.4

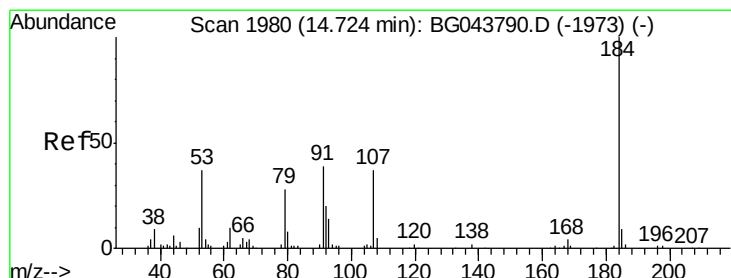
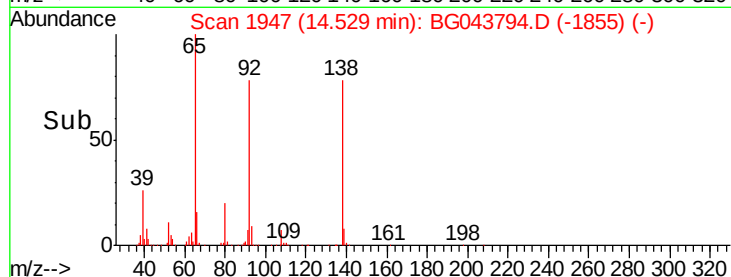
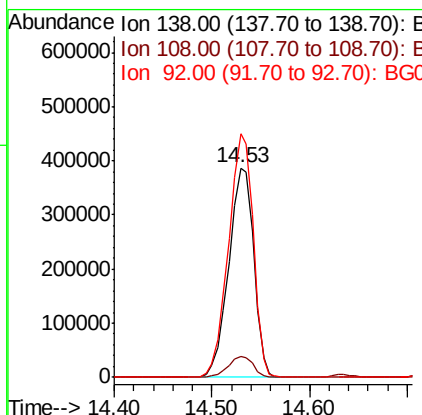
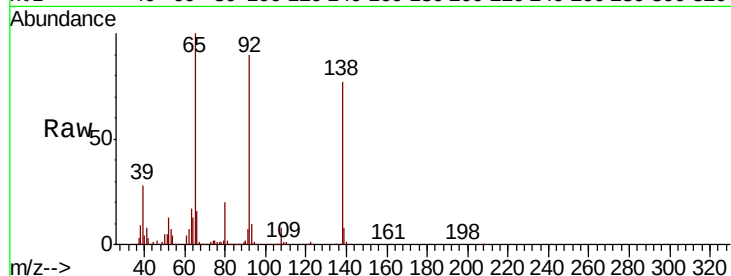




#53
3-Nitroaniline
Concen: 101.270 ng
RT: 14.53 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

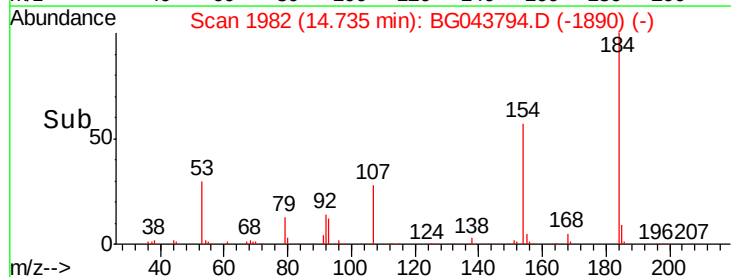
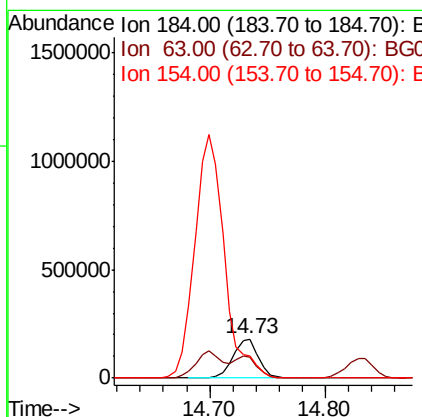
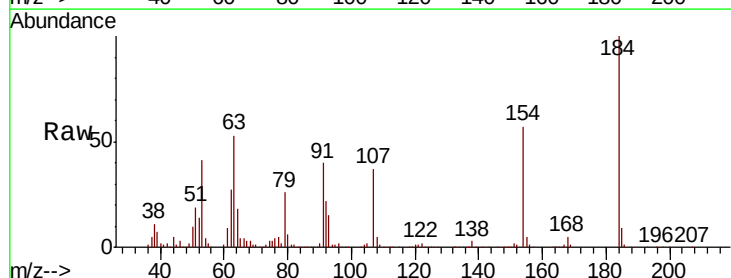
Instrument :
BNA_G
ClientSampleId :

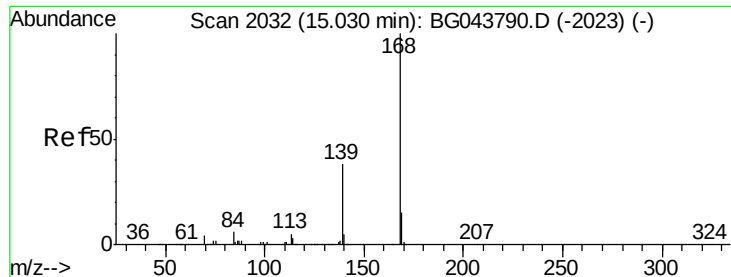
Tot Ion:138 Resp: 686415
Ion Ratio Lower Upper
138 100
108 10.0 8.1 12.1
92 116.4 94.6 141.8



#54
2,4-Dinitrophenol
Concen: 114.342 ng
RT: 14.73 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Tgt Ion:184 Resp: 271094
Ion Ratio Lower Upper
184 100
63 52.8 43.4 65.0
154 56.7 54.8 82.2

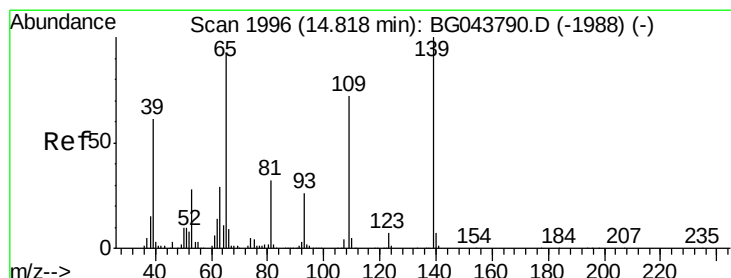
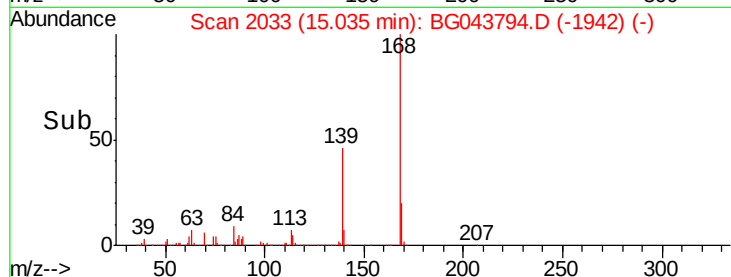
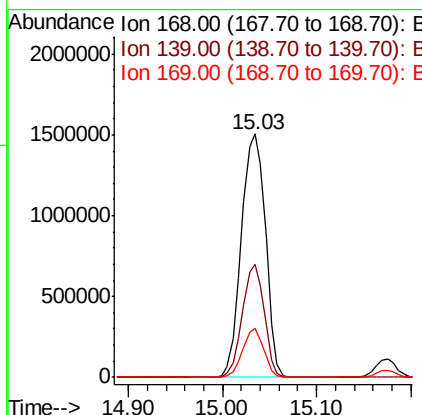
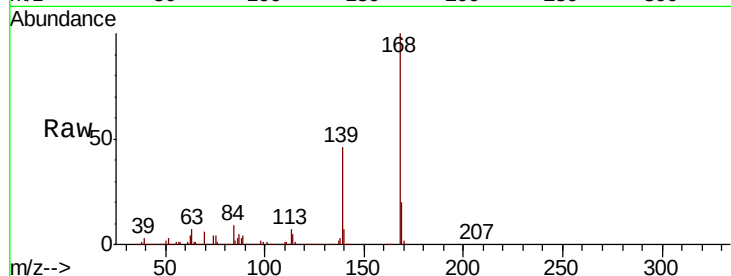




#55
Dibenzofuran
Concen: 76.210 ng
RT: 15.03 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

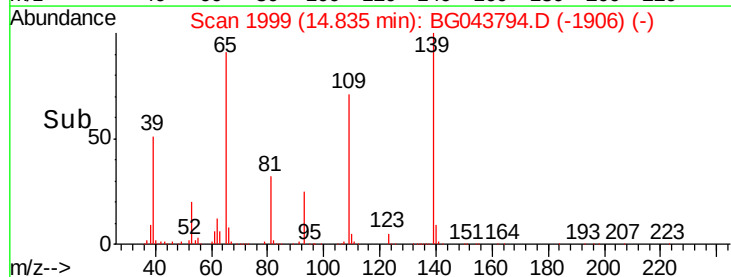
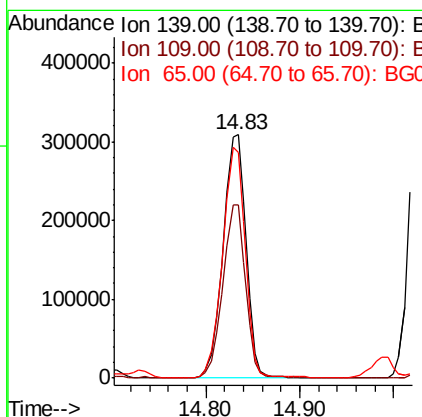
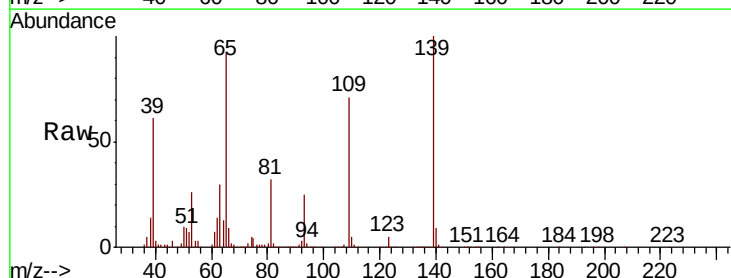
Instrument :
BNA_G
ClientSampleId :

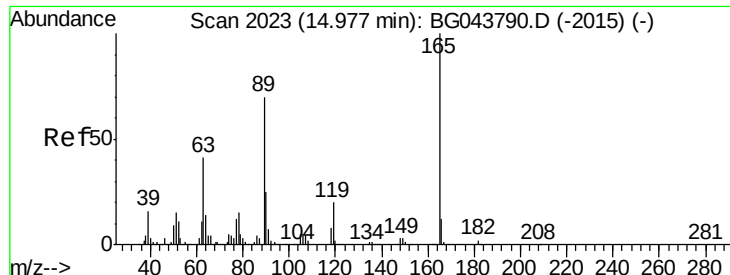
Tot Ion:168 Resp: 2663631
Ion Ratio Lower Upper
168 100
139 46.4 30.4 45.6#
169 20.1 12.0 18.0#



#56
4-Nitrophenol
Concen: 92.498 ng
RT: 14.83 min Scan# 1999
Delta R.T. 0.02 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Tgt Ion:139 Resp: 528093
Ion Ratio Lower Upper
139 100
109 70.9 51.5 91.5
65 92.5 73.7 113.7

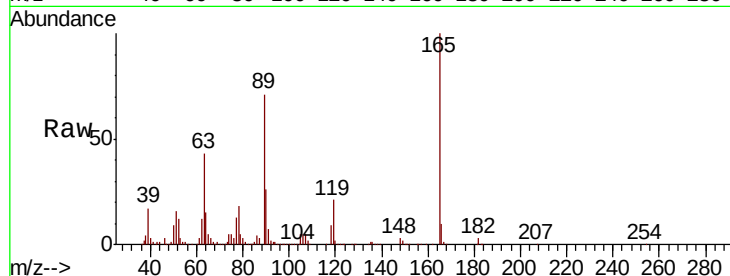




#57
2,4-Dinitrotoluene
Concen: 105.052 ng
RT: 14.99 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.9	32.7	49.1
89	71.0	56.1	84.1
182	2.7	2.0	3.0



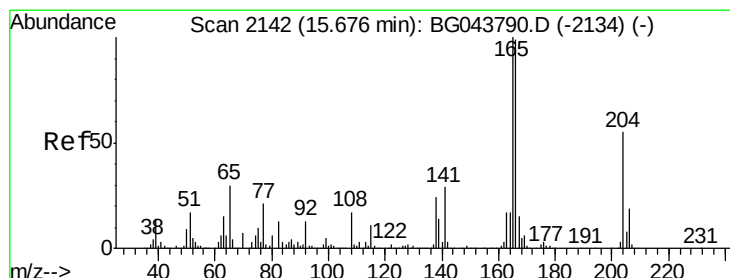
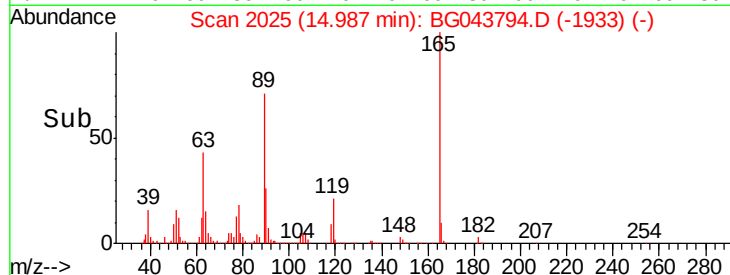
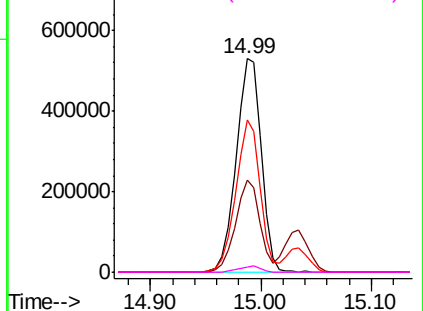
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

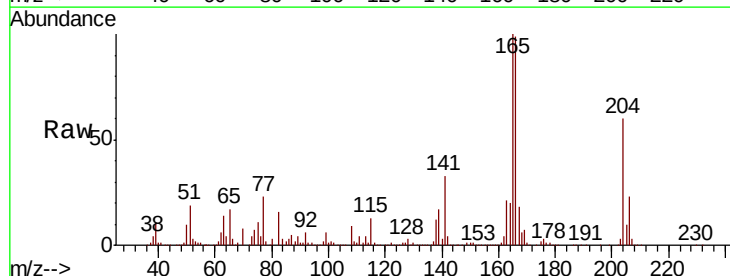
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 77.231 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.9	80.5	120.7
167	18.2	12.1	18.1#

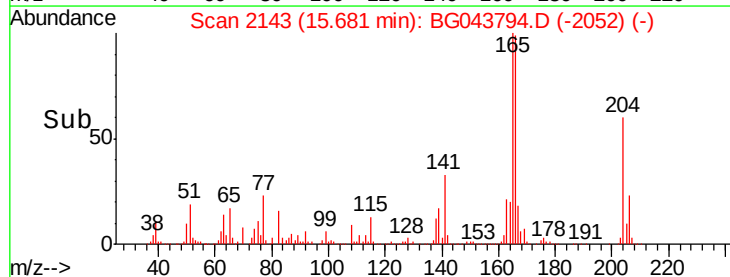
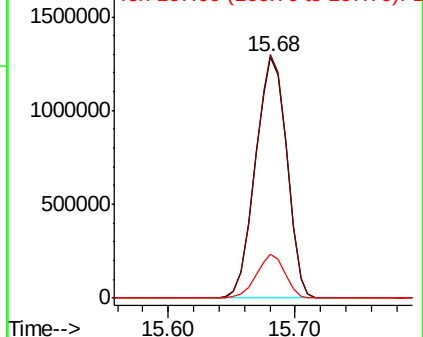


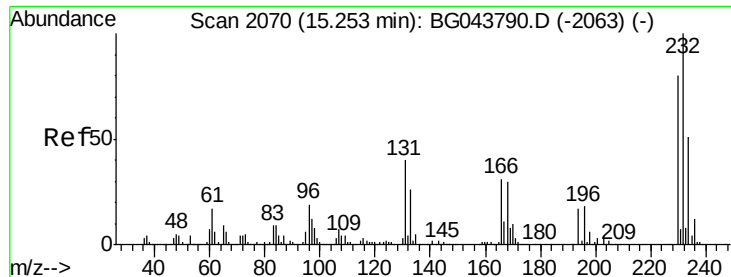
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

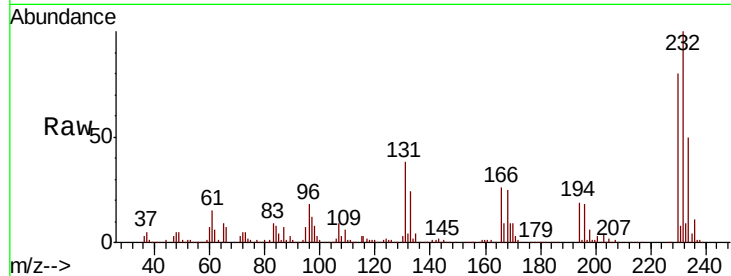




#59
2,3,4,6-Tetrachlorophenol
Concen: 82.566 ng
RT: 15.18 min Scan# 2057
Delta R.T. -0.08 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.5	27.9	41.9
130	2.5	1.8	2.8
166	26.0	19.4	29.2



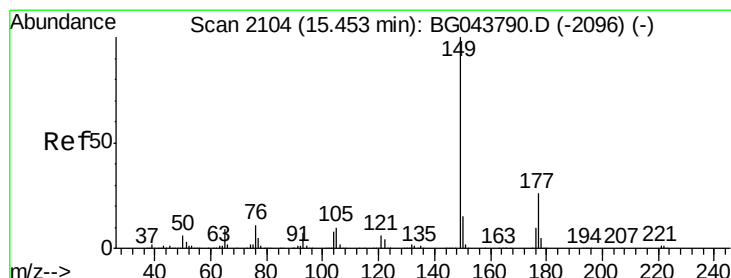
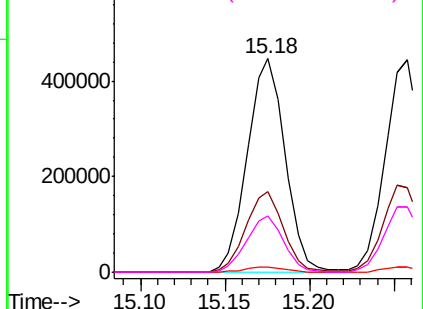
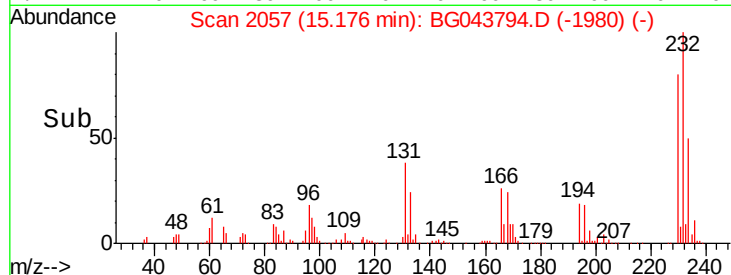
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

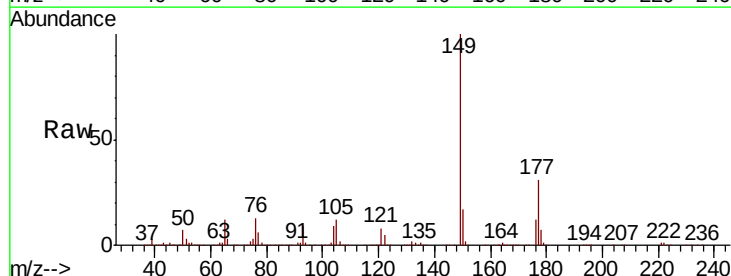
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 73.485 ng
RT: 15.46 min Scan# 2106
Delta R.T. 0.01 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	30.6	20.4	30.6#
150	17.2	11.6	17.4

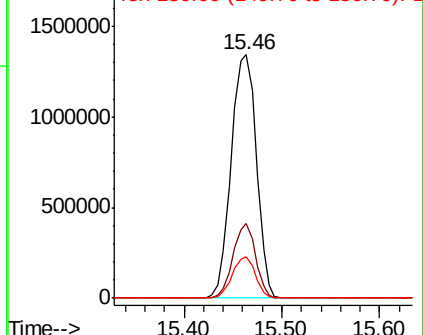
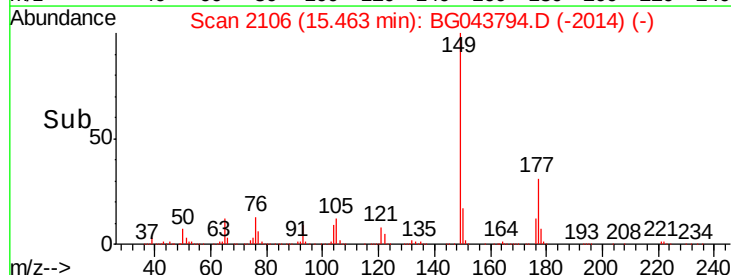


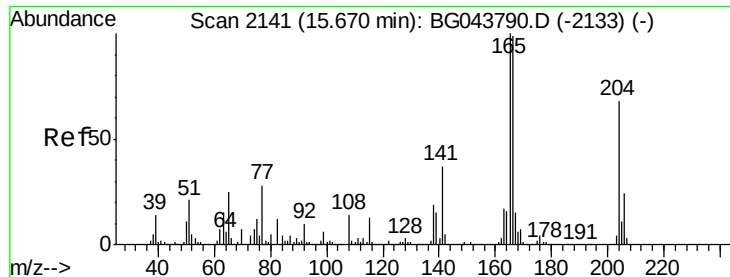
Abundance

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

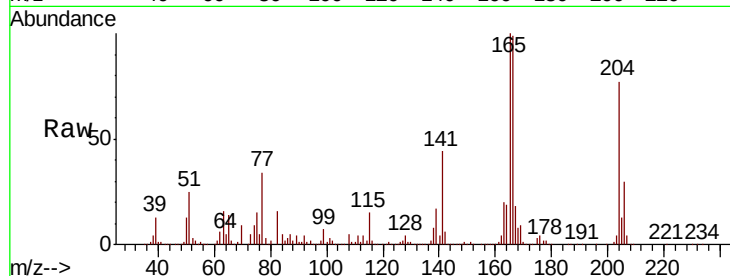




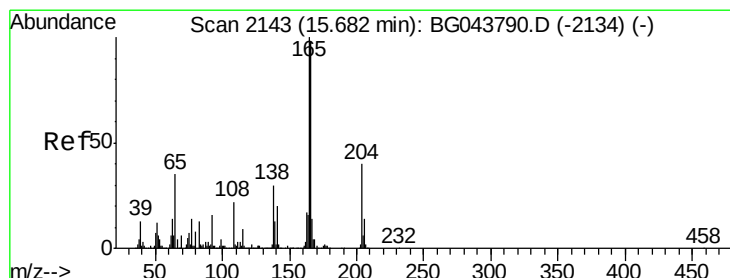
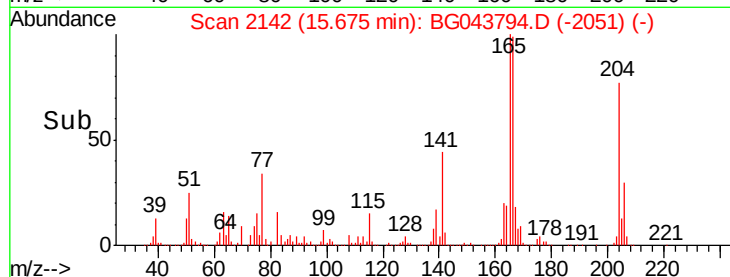
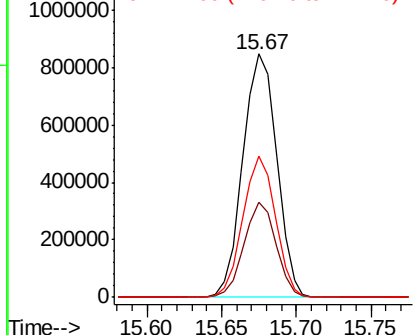
#61
 4-Chlorophenyl-phenylether
 Concen: 84.343 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: BG043794.D
 Acq: 9 Dec 2019 16:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 1331013
 Ion Ratio Lower Upper
 204 100
 206 39.0 28.1 42.1
 141 57.8 44.1 66.1

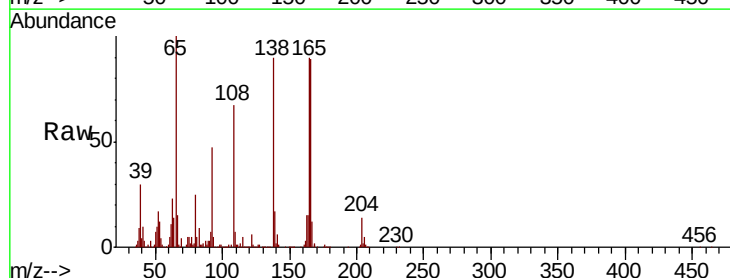


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

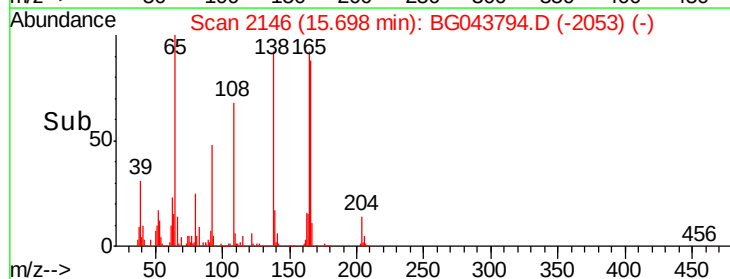
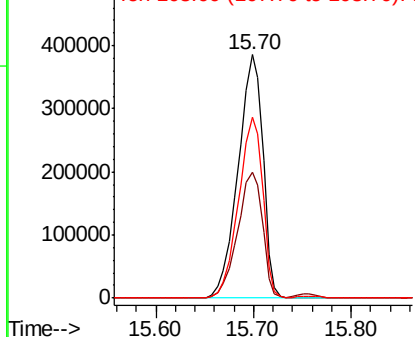


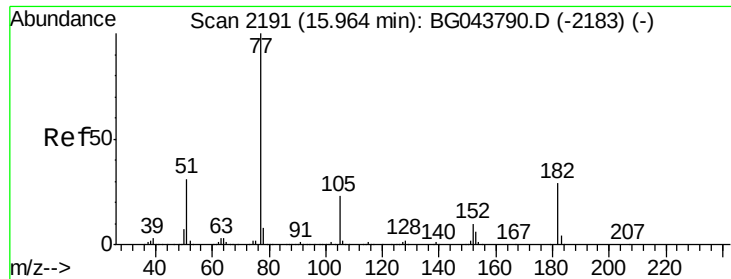
#62
 4-Nitroaniline
 Concen: 88.114 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. 0.02 min
 Lab File: BG043794.D
 Acq: 9 Dec 2019 16:44

Tgt Ion:138 Resp: 684845
 Ion Ratio Lower Upper
 138 100
 92 51.8 31.5 71.5
 108 74.4 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: 75.044 ng

RT: 15.97 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

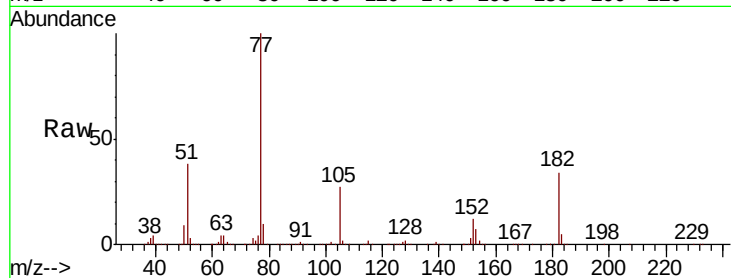
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 2207130

Ion	Ratio	Lower	Upper
77	100		
182	33.8	9.0	49.0
105	27.1	2.9	42.9
51	37.7	10.6	50.6

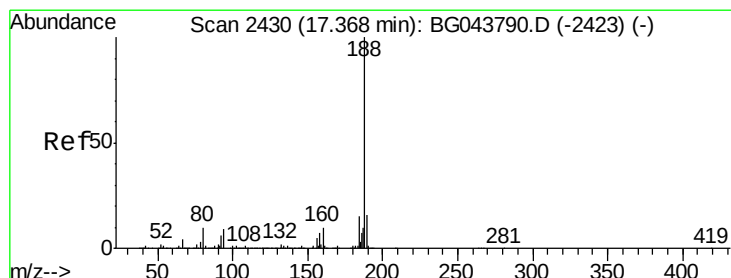
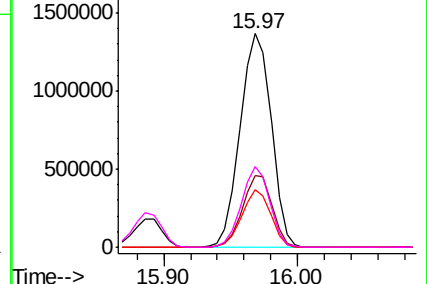
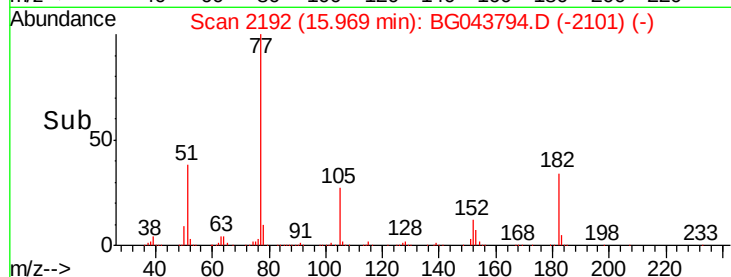


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

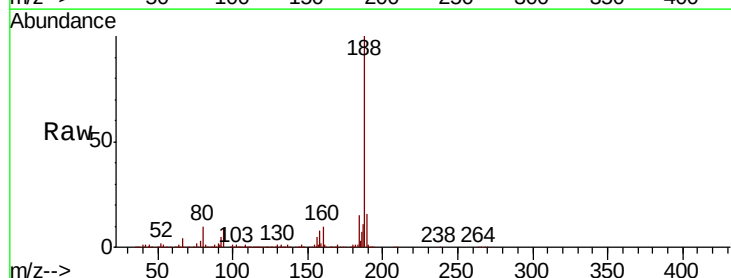
Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Tgt Ion: 188 Resp: 828084

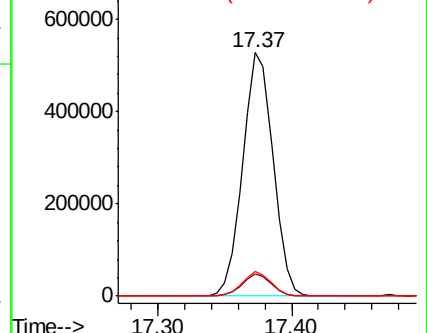
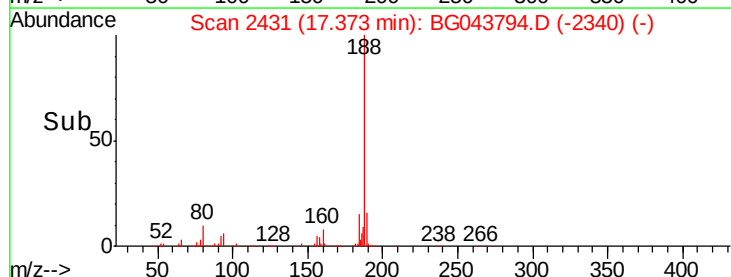
Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.9	10.3
80	10.0	7.8	11.8

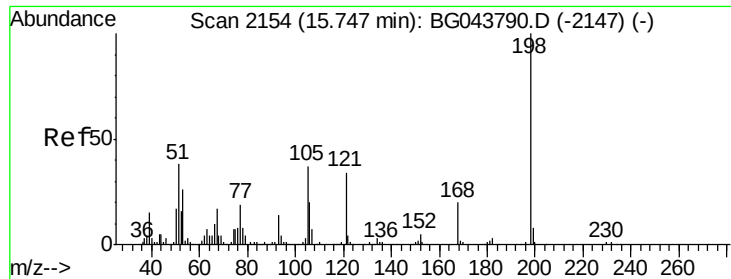


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

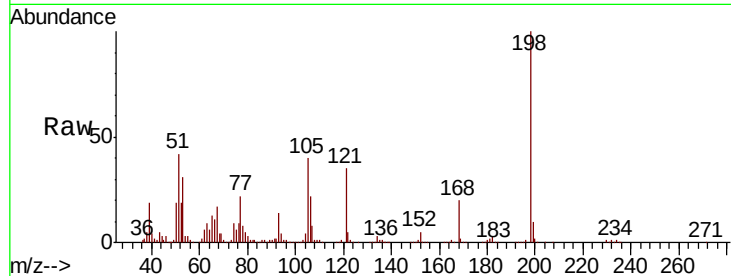




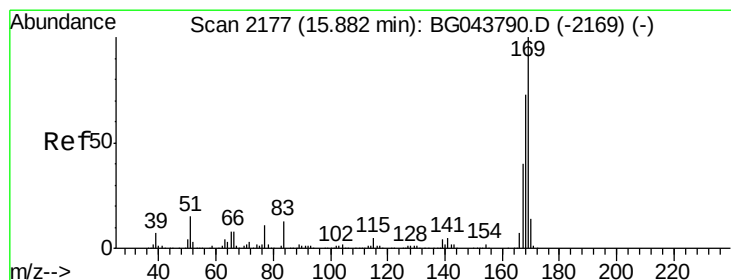
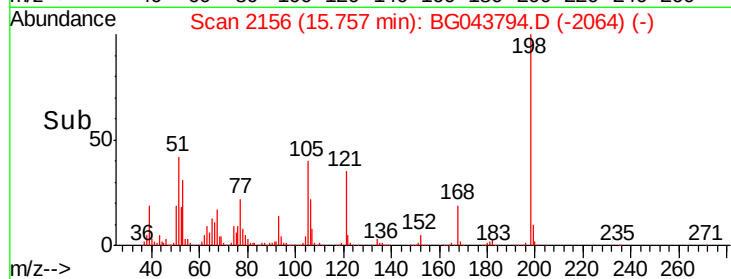
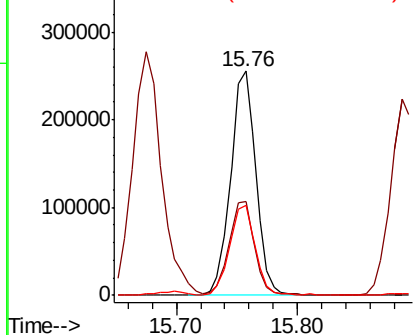
#65
 4,6-Dinitro-2-methylphenol
 Concen: 132.635 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. 0.01 min
 Lab File: BG043794.D
 Acq: 9 Dec 2019 16:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 372701
 Ion Ratio Lower Upper
 198 100
 51 41.7 18.9 58.9
 105 39.9 18.1 58.1

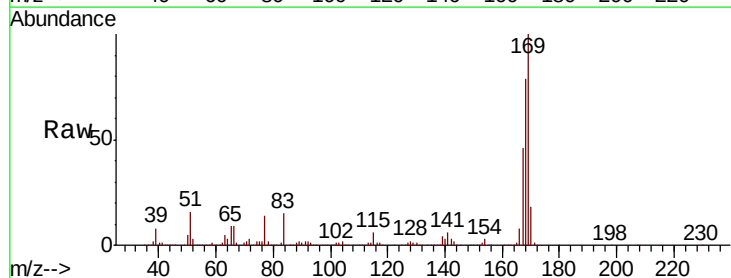


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

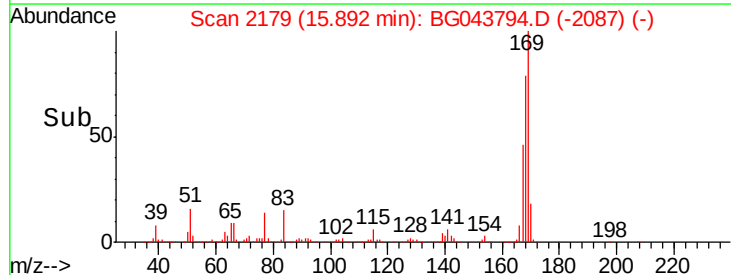
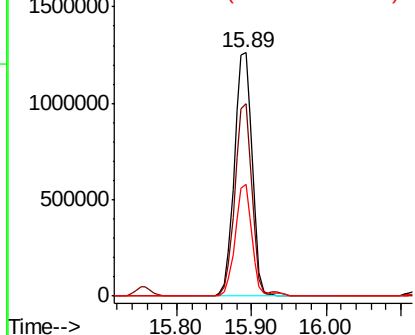


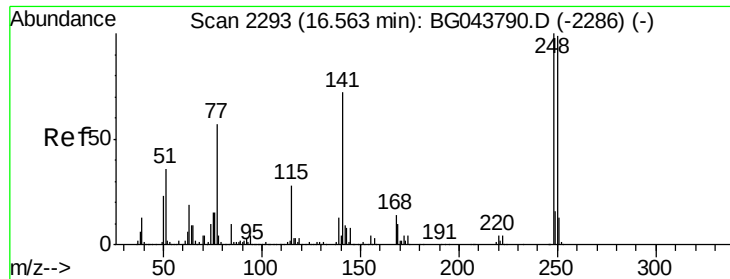
#66
 n-Nitrosodiphenylamine
 Concen: 94.826 ng
 RT: 15.89 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: BG043794.D
 Acq: 9 Dec 2019 16:44

Tgt Ion:169 Resp: 2079047
 Ion Ratio Lower Upper
 169 100
 168 78.8 58.5 87.7
 167 46.1 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

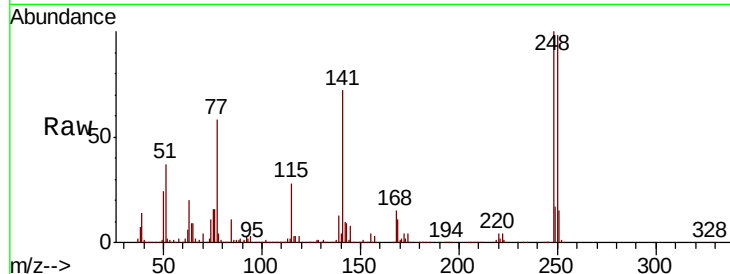




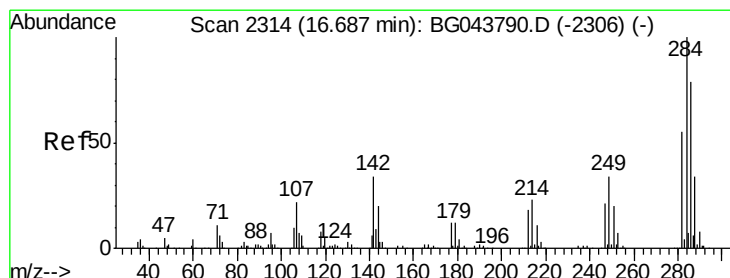
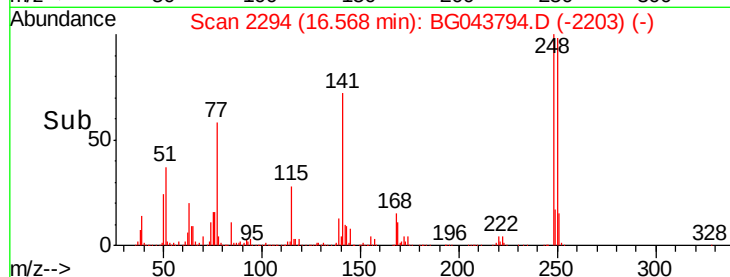
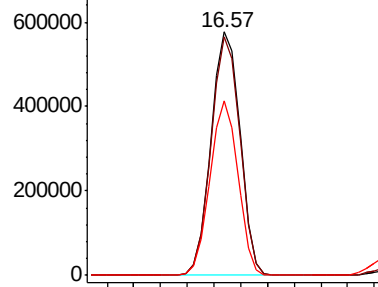
#67
4-Bromophenyl-phenylether
Concen: 99.125 ng
RT: 16.57 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 865618
Ion Ratio Lower Upper
248 100
250 98.0 79.0 118.6
141 71.7 57.8 86.6

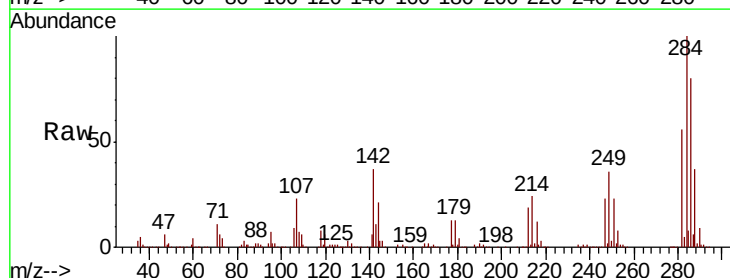


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

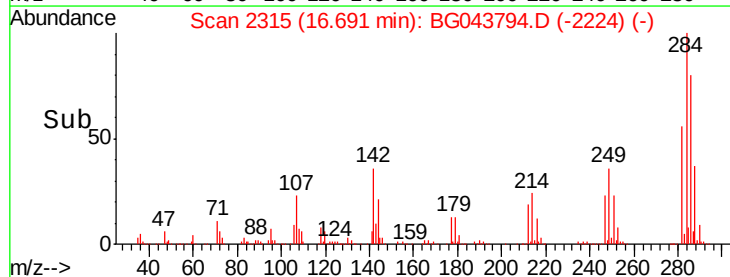
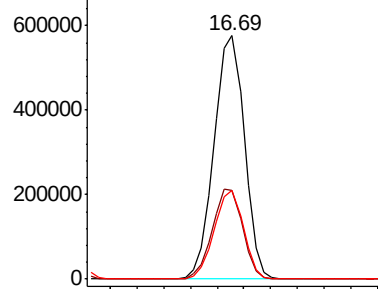


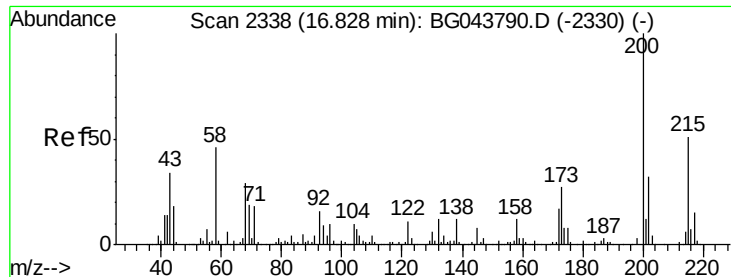
#68
Hexachlorobenzene
Concen: 94.411 ng
RT: 16.69 min Scan# 2315
Delta R.T. 0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Tgt Ion:284 Resp: 901318
Ion Ratio Lower Upper
284 100
142 36.5 27.0 40.6
249 36.4 27.2 40.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 40.923 ng

RT: 16.83 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

ClientSampleId :

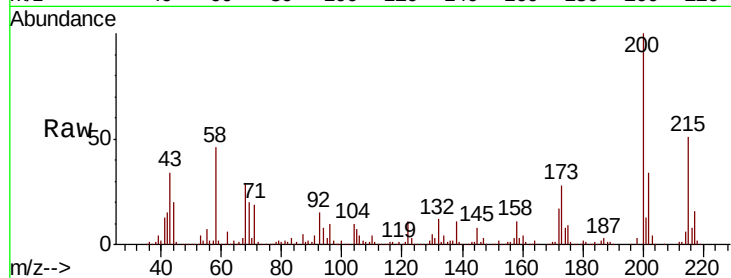
Tot Ion:200 Resp: 359582

Ion Ratio Lower Upper

200 100

173 27.6 7.4 47.4

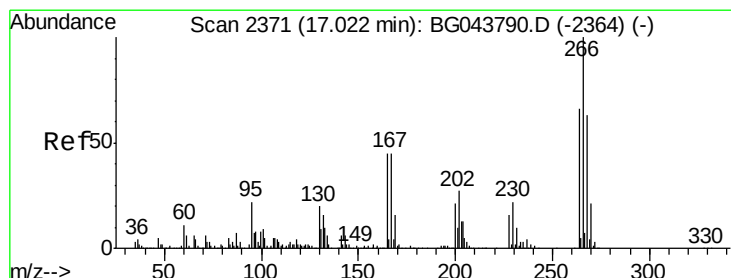
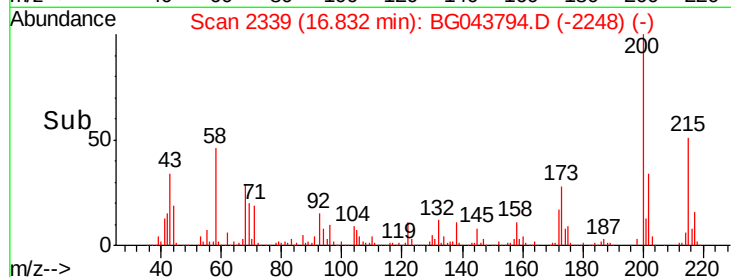
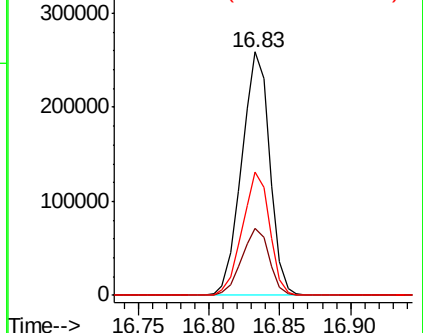
215 50.8 30.5 70.5



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: 87.262 ng

RT: 17.03 min Scan# 2372

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

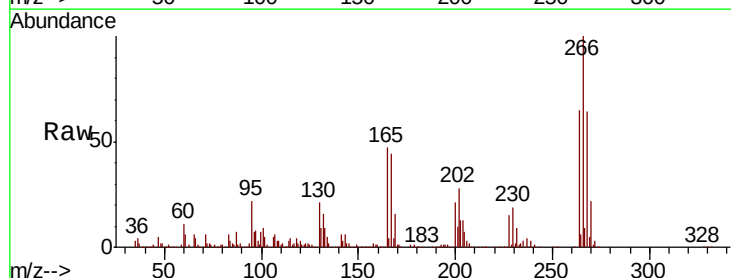
Tgt Ion:266 Resp: 508334

Ion Ratio Lower Upper

266 100

268 64.4 50.8 76.2

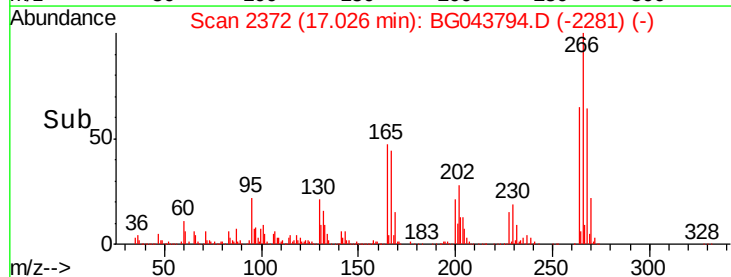
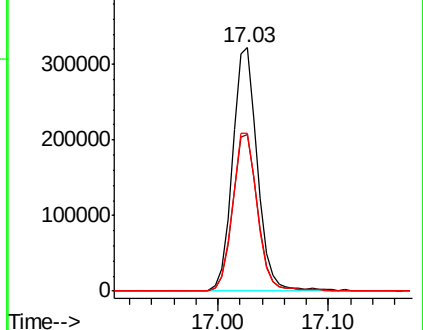
264 65.1 53.0 79.4

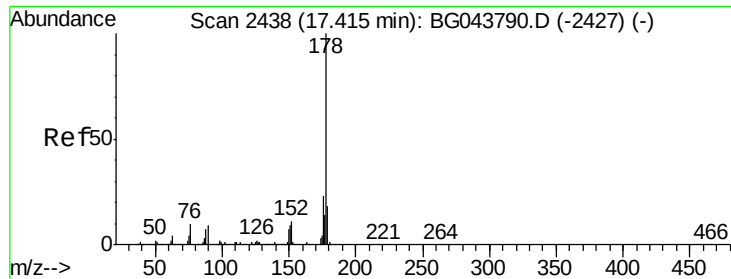


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

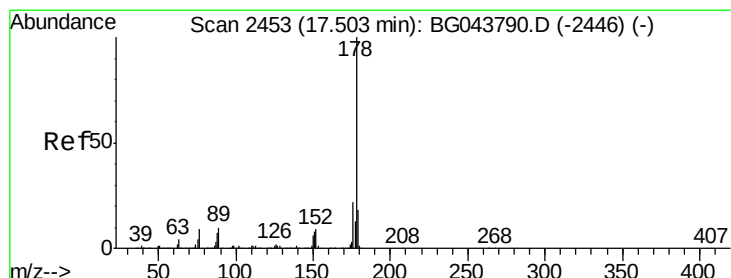
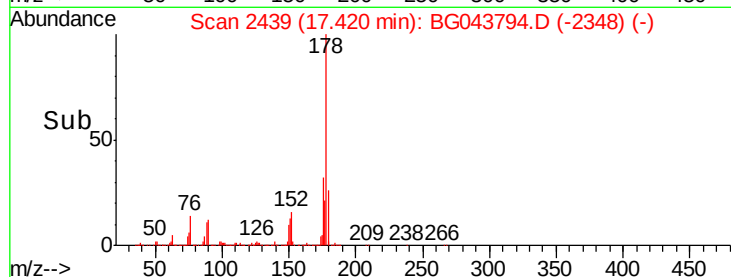
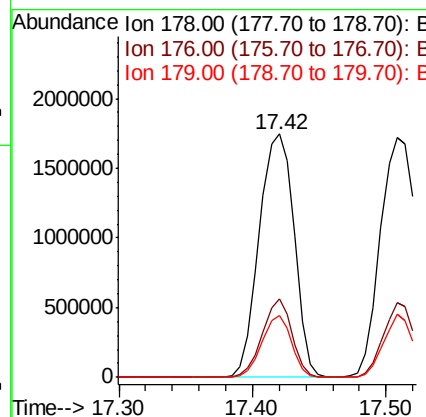
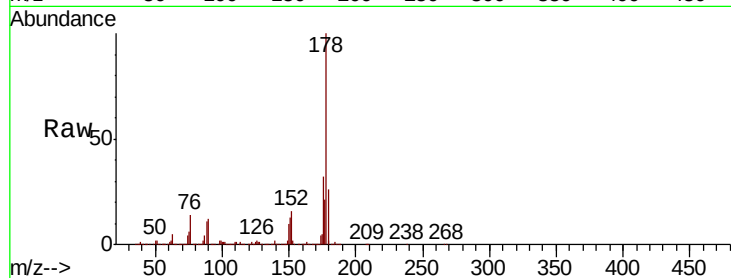




#71
Phenanthrene
Concen: 77.252 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

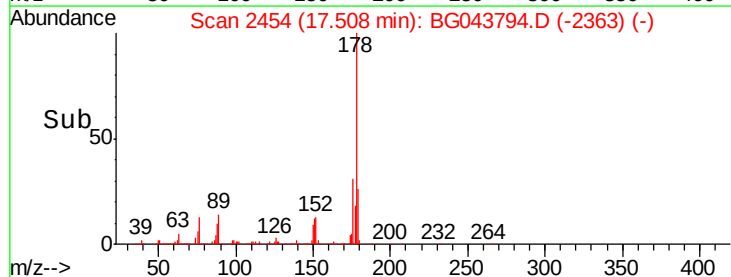
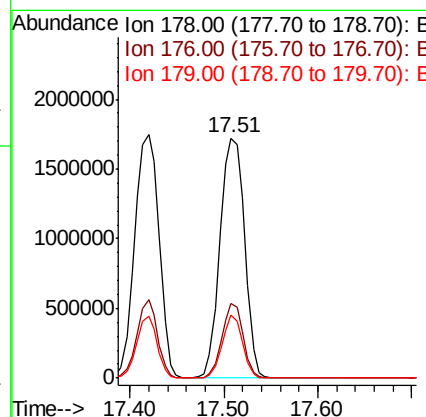
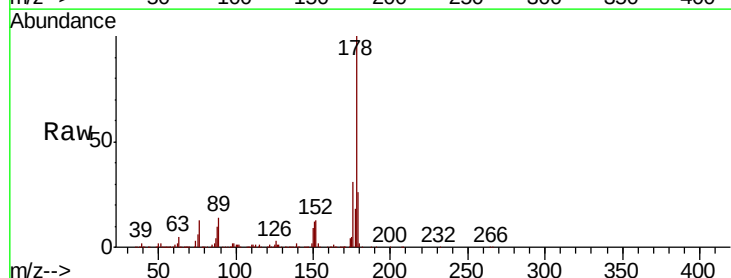
Instrument :
BNA_G
ClientSampleId :

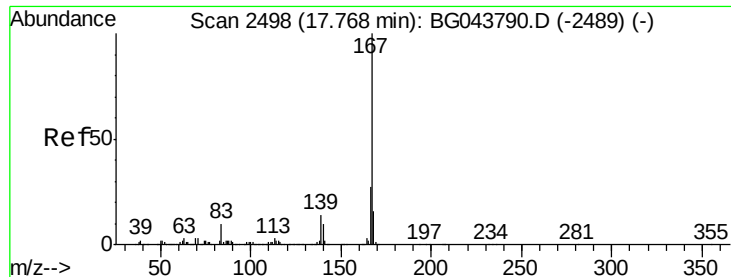
Tot Ion:178 Resp: 3165342
Ion Ratio Lower Upper
178 100
176 32.3 18.6 27.8#
179 25.5 14.7 22.1#



#72
Anthracene
Concen: 76.356 ng
RT: 17.51 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Tgt Ion:178 Resp: 3160421
Ion Ratio Lower Upper
178 100
176 30.9 17.7 26.5#
179 26.1 14.5 21.7#

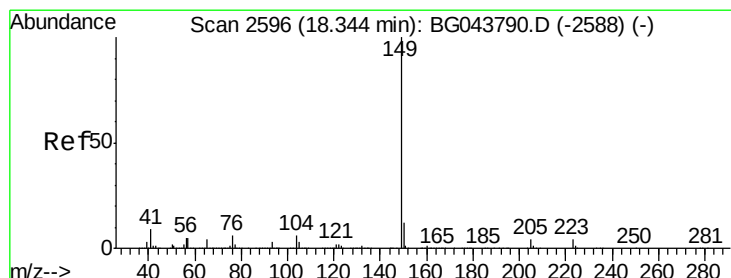
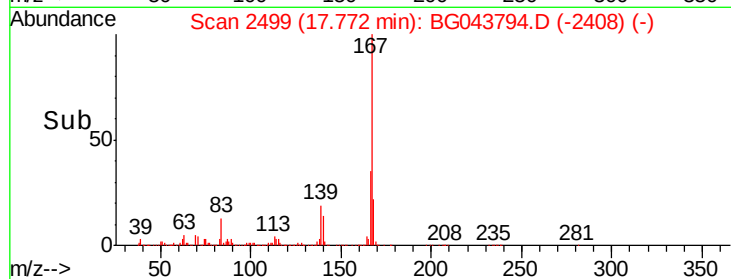
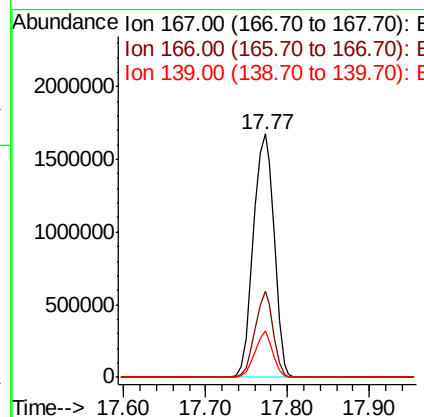
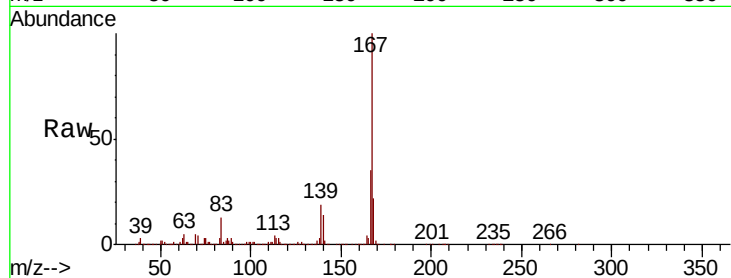




#73
 Carbazole
 Concen: 72.403 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: BG043794.D
 Acq: 9 Dec 2019 16:44

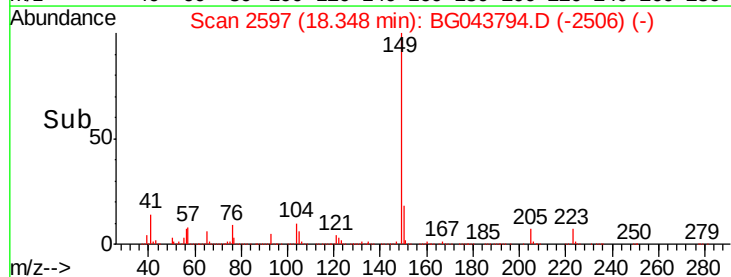
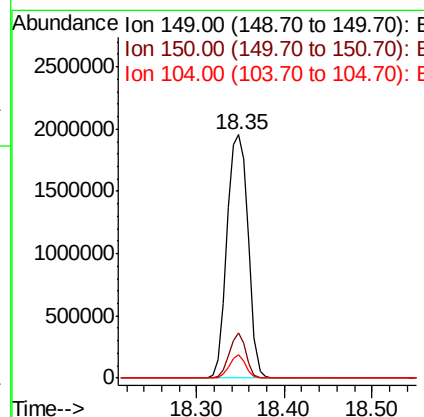
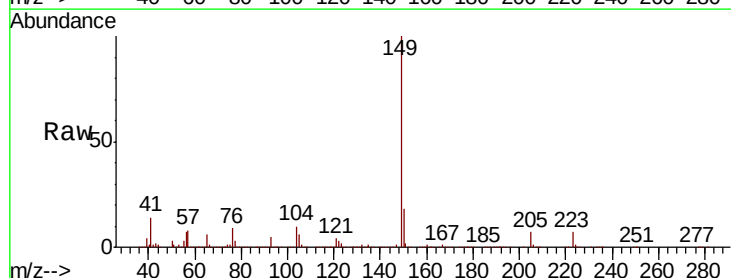
Instrument :
 BNA_G
 ClientSampleId :

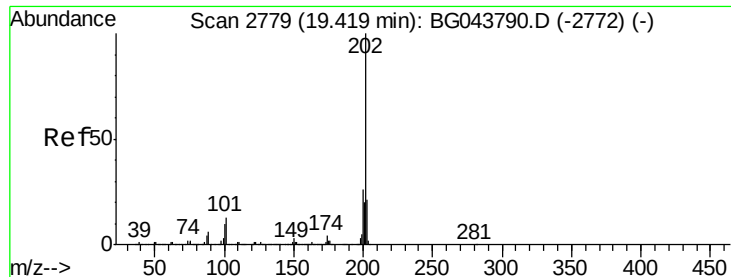
Tot Ion:167 Resp: 2969064
 Ion Ratio Lower Upper
 167 100
 166 35.5 21.4 32.2#
 139 19.1 11.0 16.4#



#74
 Di-n-butylphthalate
 Concen: 62.099 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: BG043794.D
 Acq: 9 Dec 2019 16:44

Tgt Ion:149 Resp: 3259319
 Ion Ratio Lower Upper
 149 100
 150 18.5 9.4 14.0#
 104 9.7 4.8 7.2#





#75

Fluoranthene

Concen: 58.721 ng

RT: 19.42 min Scan# 2780

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

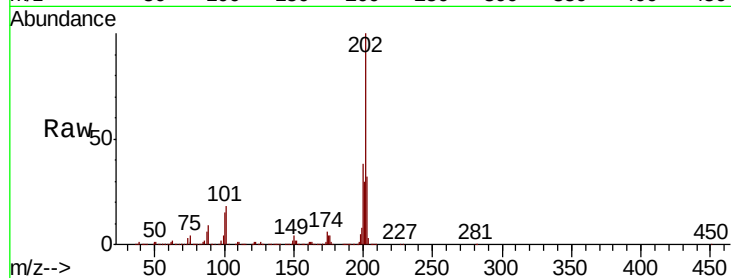
Instrument :

BNA_G

ClientSampled :

Tot Ion:202 Resp: 3451363

Ion	Ratio	Lower	Upper
202	100		
101	18.5	0.0	32.7
203	32.0	1.0	41.0

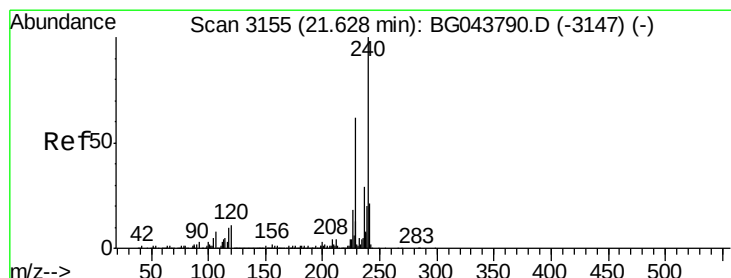
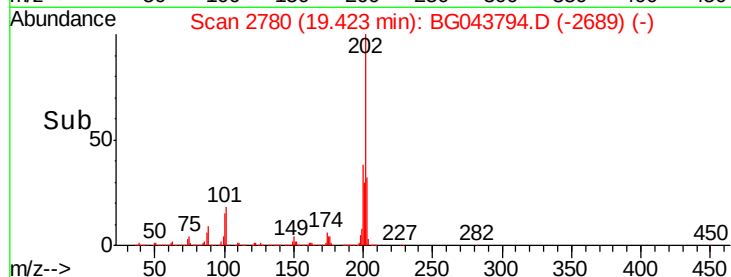
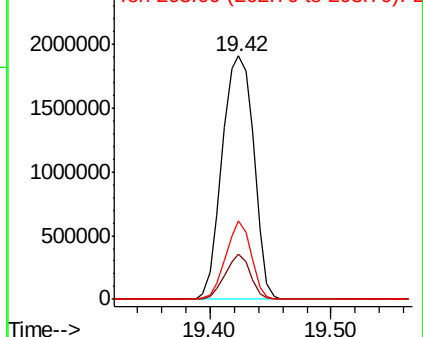


Abundance

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

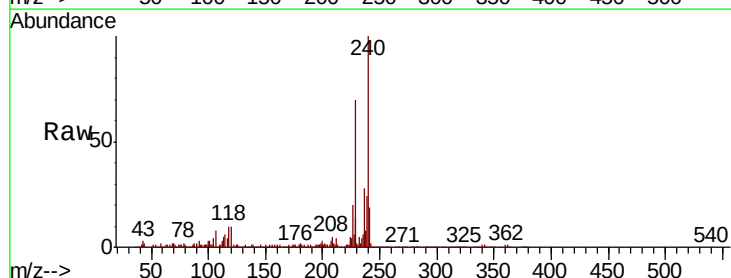
Delta R.T. 0.01 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Tgt Ion:240 Resp: 691291

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.6	12.8
236	27.8	23.1	34.7

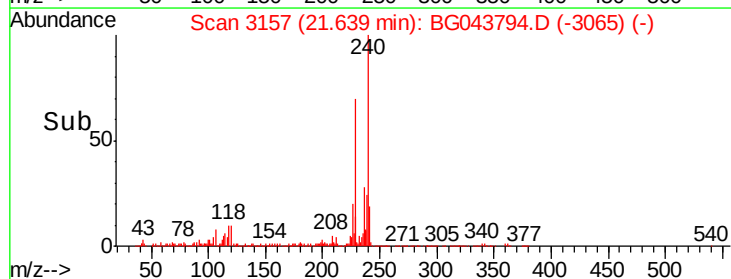
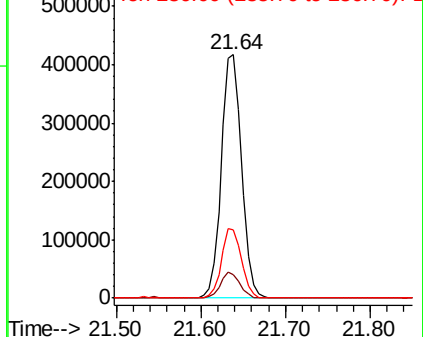


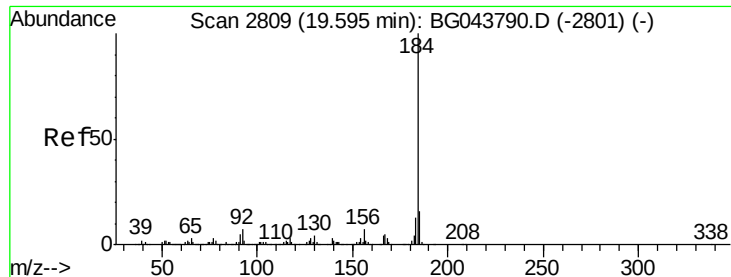
Abundance

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: 63.416 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

ClientSampleId :

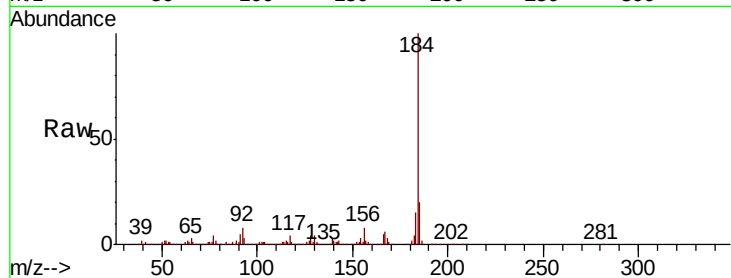
Tot Ion:184 Resp: 1280579

Ion Ratio Lower Upper

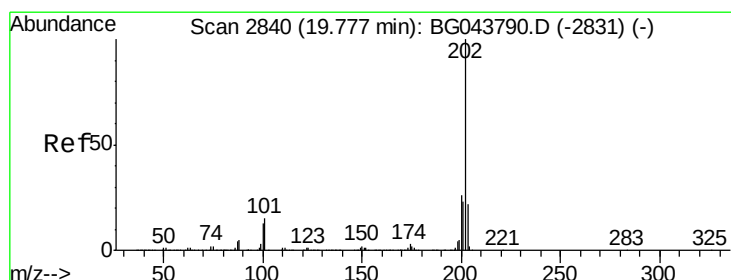
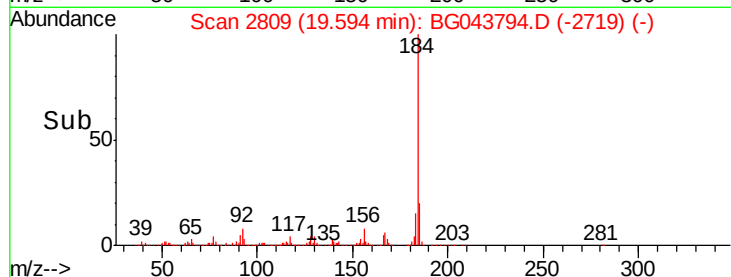
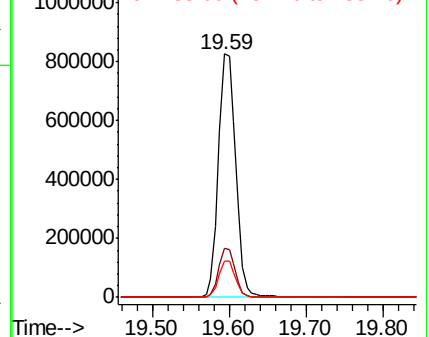
184 100

185 20.0 12.9 19.3#

183 15.1 10.3 15.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 76.875 ng

RT: 19.78 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

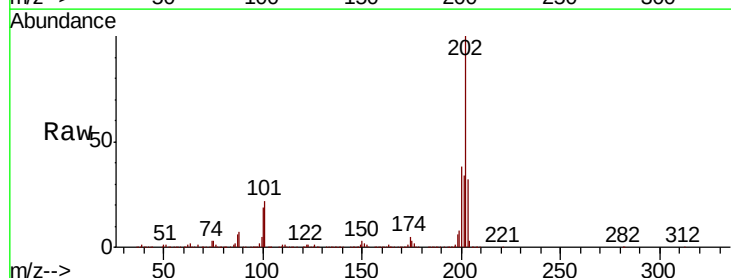
Tgt Ion:202 Resp: 3429761

Ion Ratio Lower Upper

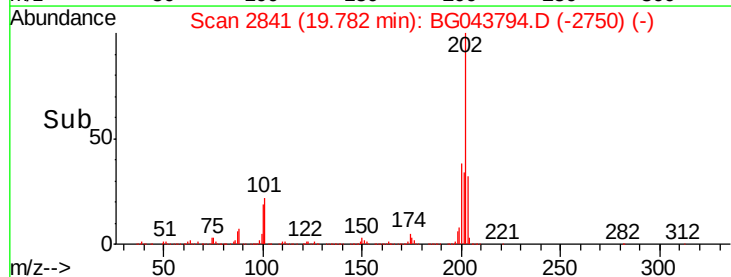
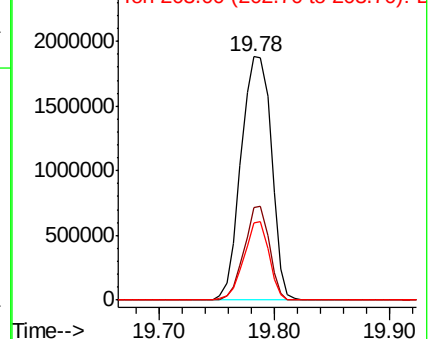
202 100

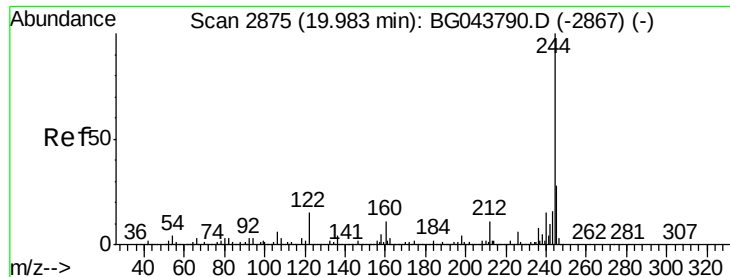
200 37.8 20.8 31.2#

203 31.5 17.7 26.5#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 128.894 ng

RT: 19.99 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

ClientSampled :

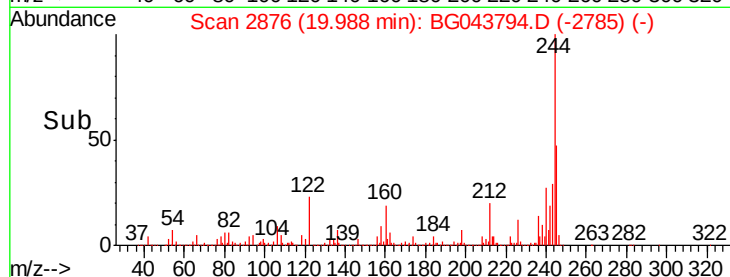
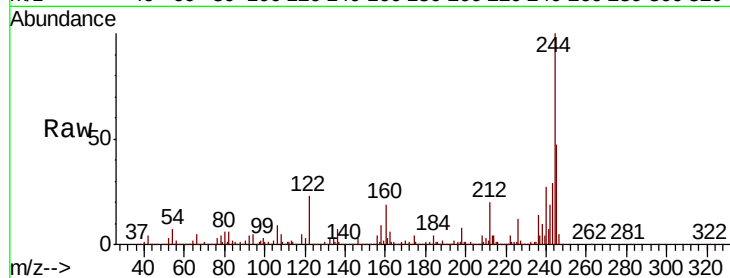
Tot Ion:244 Resp: 3943246

Ion Ratio Lower Upper

244 100

212 20.4 9.1 13.7#

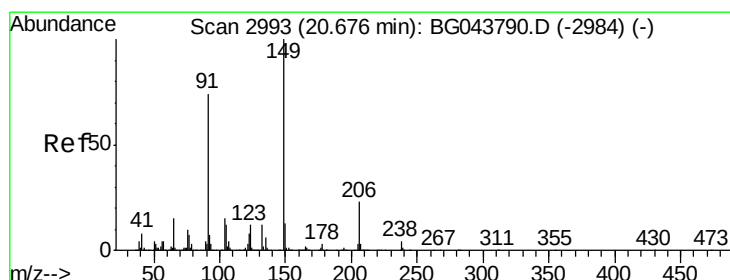
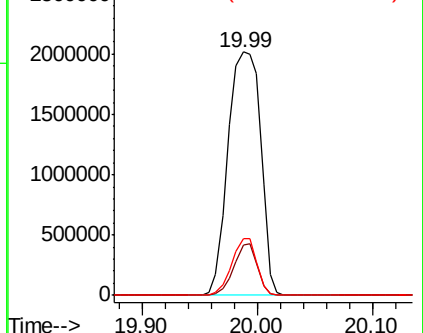
122 23.4 11.6 17.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 86.861 ng

RT: 20.68 min Scan# 2994

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

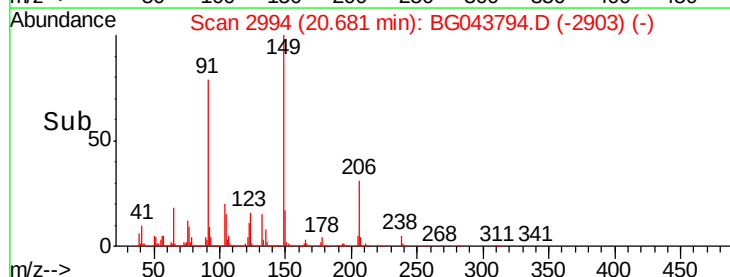
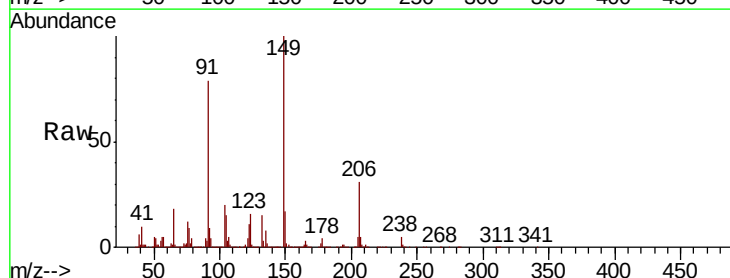
Tgt Ion:149 Resp: 1765386

Ion Ratio Lower Upper

149 100

91 79.0 59.0 88.4

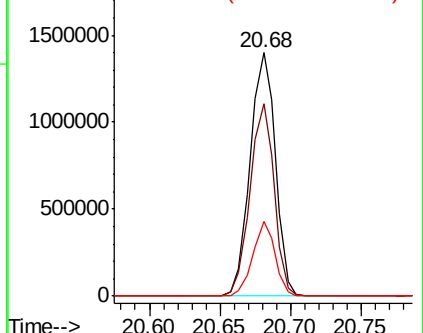
206 30.5 18.6 28.0#

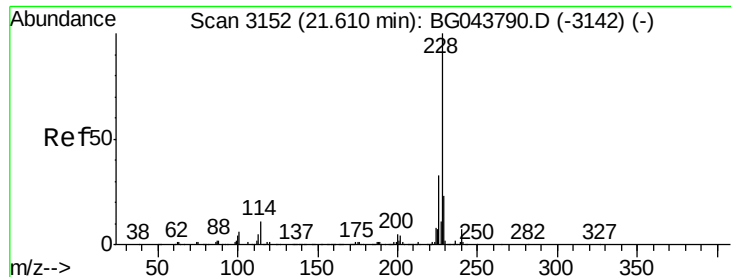


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 77.706 ng

RT: 21.62 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

ClientSampled :

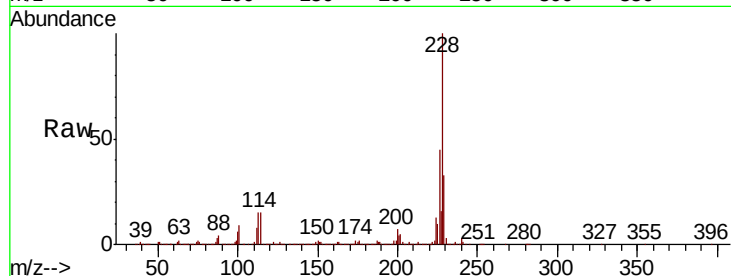
Tot Ion:228 Resp: 3591191

Ion Ratio Lower Upper

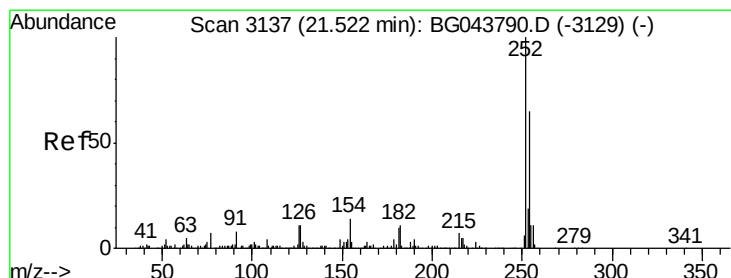
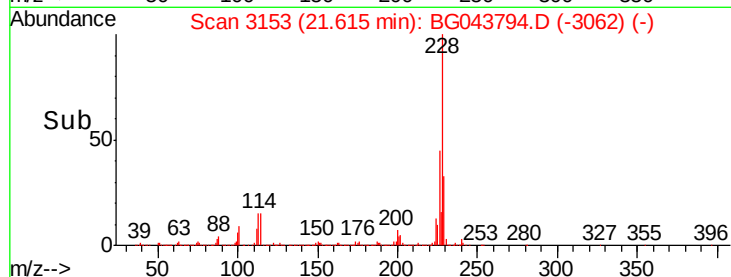
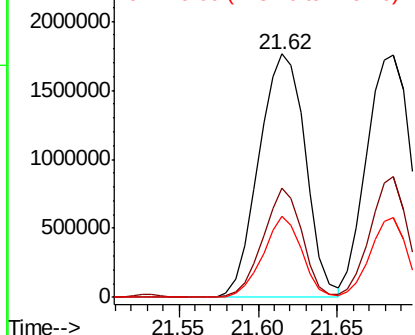
228 100

226 44.9 26.1 39.1#

229 33.1 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: 83.696 ng

RT: 21.53 min Scan# 3139

Delta R.T. 0.01 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

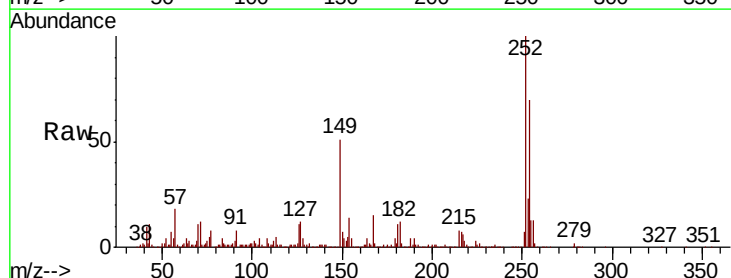
Tgt Ion:252 Resp: 1450506

Ion Ratio Lower Upper

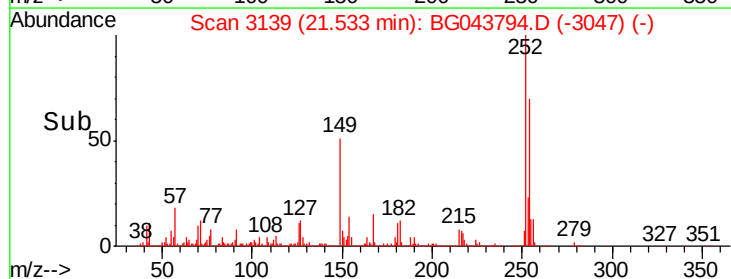
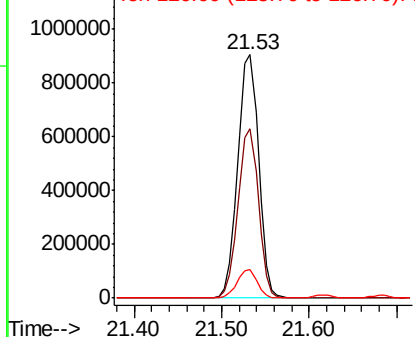
252 100

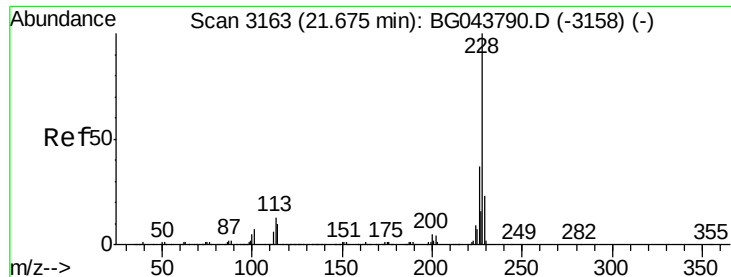
254 69.8 52.2 78.2

126 11.5 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

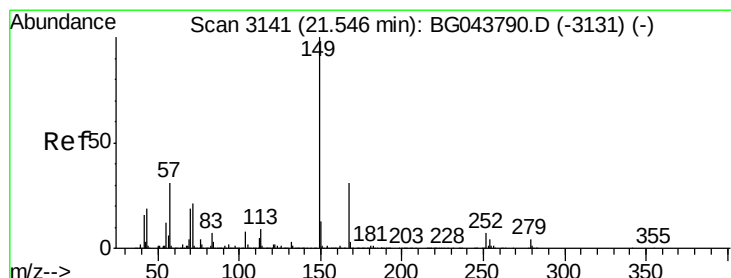
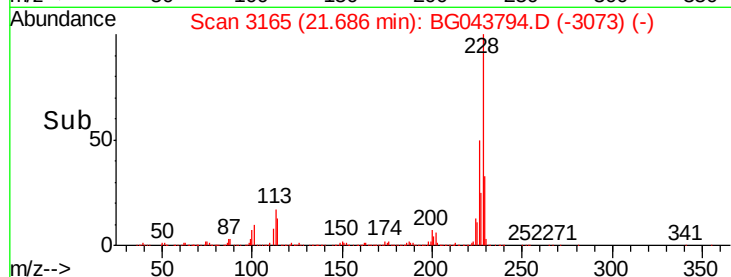
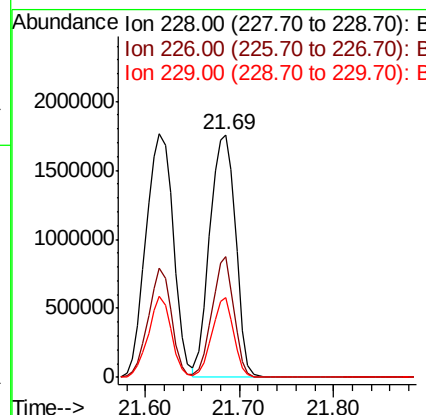
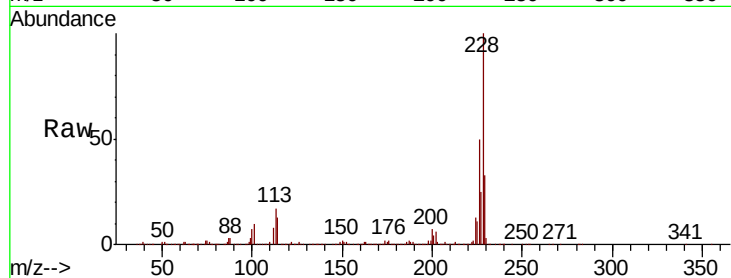




#83
 Chrysene
 Concen: 77.261 ng
 RT: 21.69 min Scan# 3165
 Delta R.T. 0.01 min
 Lab File: BG043794.D
 Acq: 9 Dec 2019 16:44

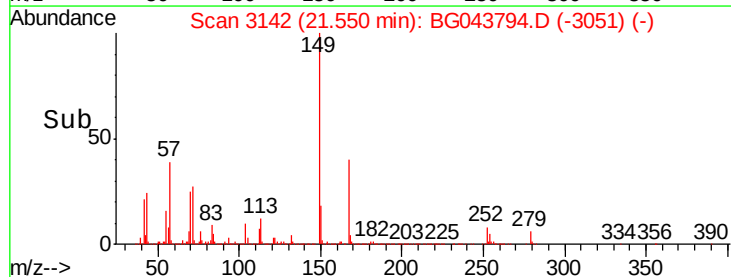
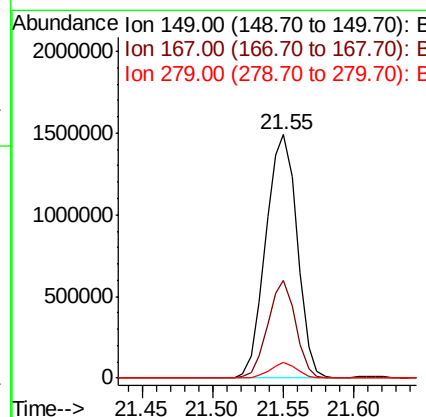
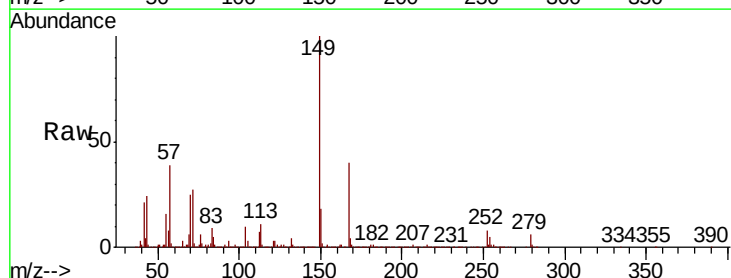
Instrument :
 BNA_G
 ClientSampleID :

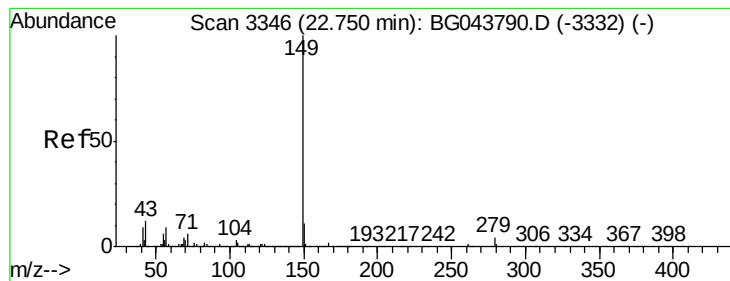
Tot Ion:228 Resp: 3378716
 Ion Ratio Lower Upper
 228 100
 226 49.6 29.1 43.7#
 229 32.8 18.6 28.0#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 81.366 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: BG043794.D
 Acq: 9 Dec 2019 16:44

Tgt Ion:149 Resp: 2326784
 Ion Ratio Lower Upper
 149 100
 167 40.2 25.1 37.7#
 279 6.4 3.5 5.3#





#85

Di-n-octyl phthalate

Concen: 83.352 ng

RT: 22.75 min Scan# 3347

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

ClientSampleId :

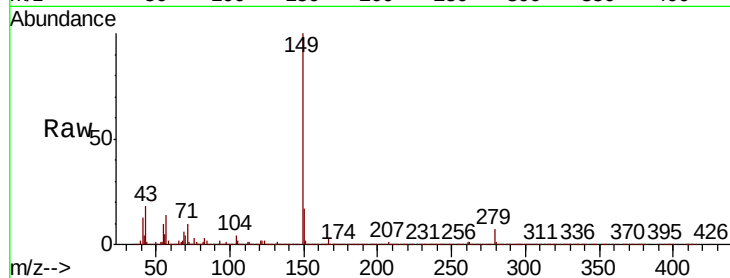
Tot Ion:149 Resp: 3866201

Ion Ratio Lower Upper

149 100

167 2.4 1.4 2.2#

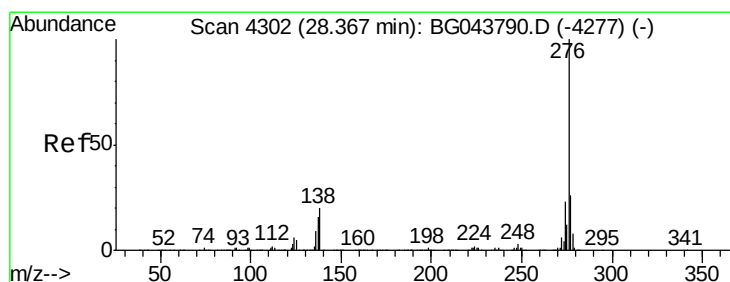
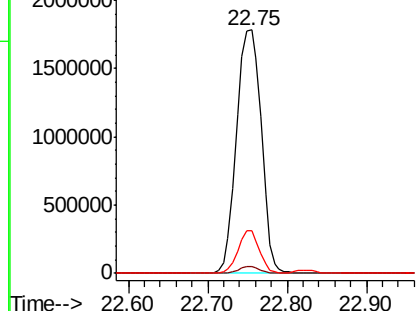
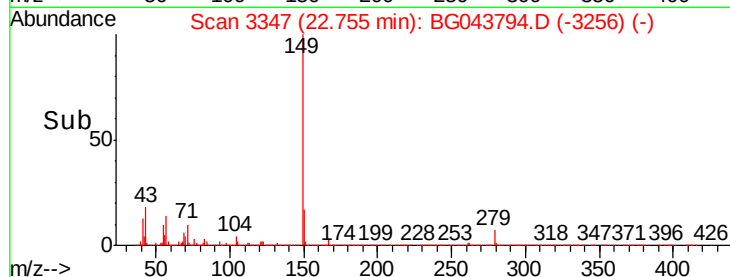
43 14.9 8.8 13.2#



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: 102.114 ng

RT: 28.40 min Scan# 4308

Delta R.T. 0.03 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

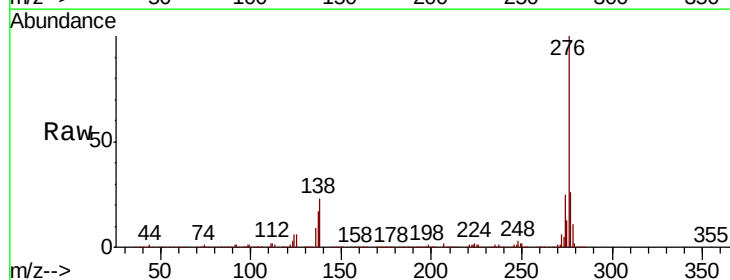
Tgt Ion:276 Resp: 5194460

Ion Ratio Lower Upper

276 100

138 19.8 14.6 21.8

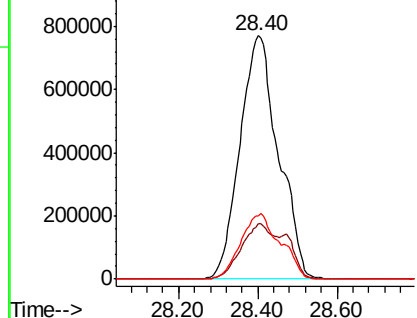
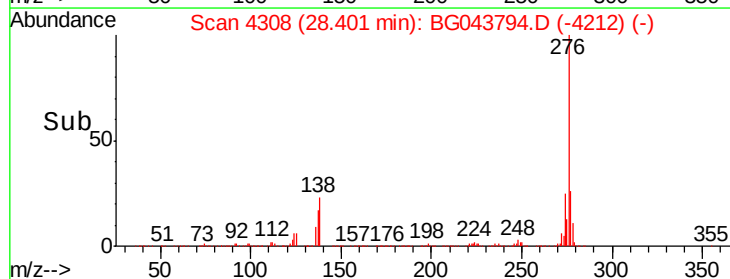
277 27.7 21.2 31.8

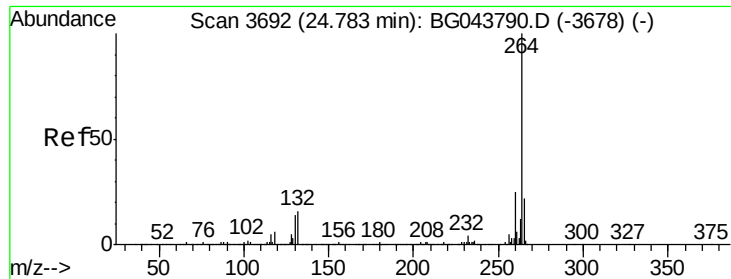


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

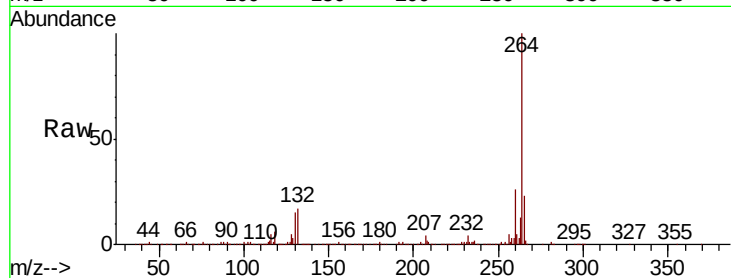




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.79 min Scan# 3694
Delta R.T. 0.01 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.0	19.8	29.8
265	22.8	17.9	26.9

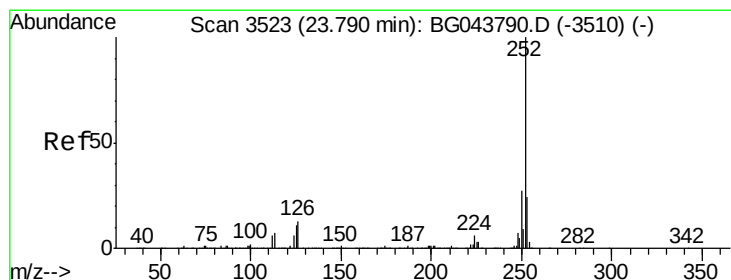
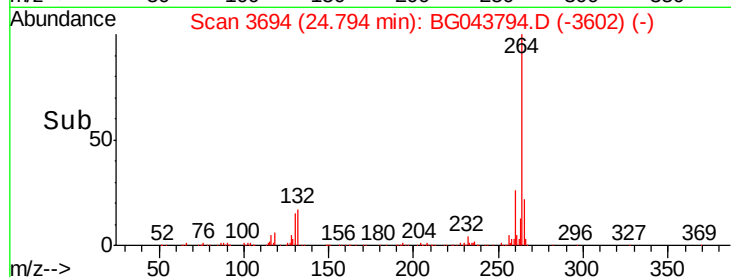
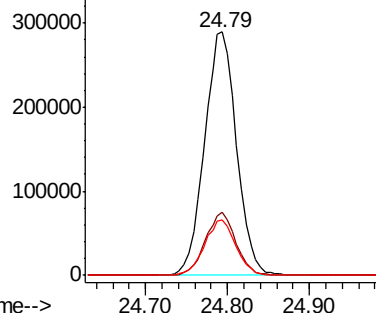


Abundance

Ion 264.00 (263.70 to 264.70): E

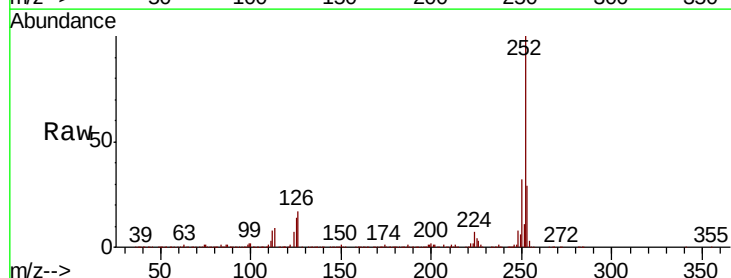
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 87.741 ng
RT: 23.80 min Scan# 3525
Delta R.T. 0.01 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.8	19.5	29.3
125	13.5	9.0	13.4

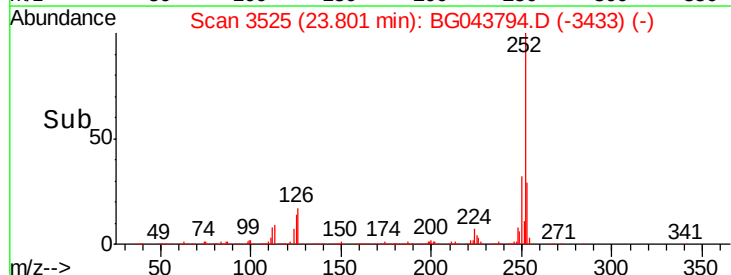
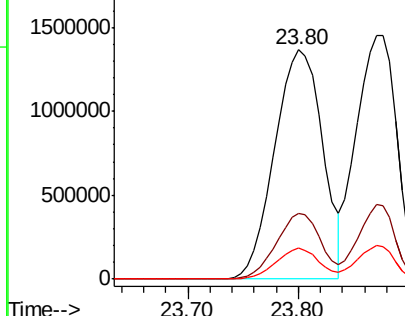


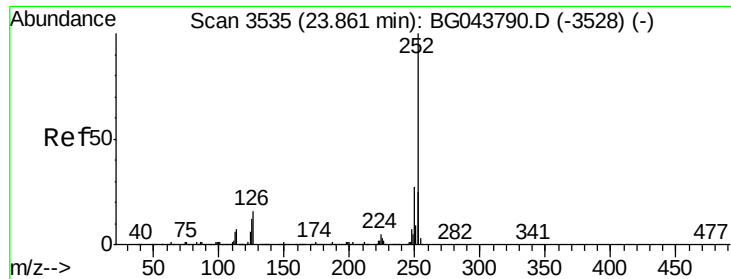
Abundance

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

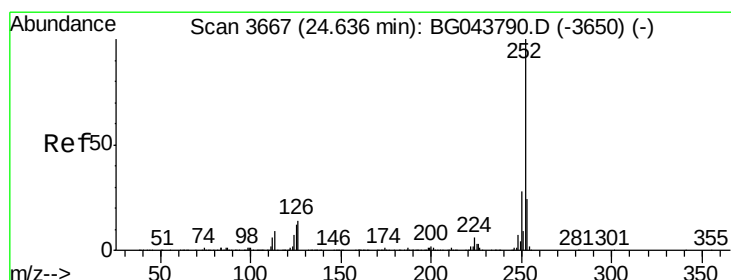
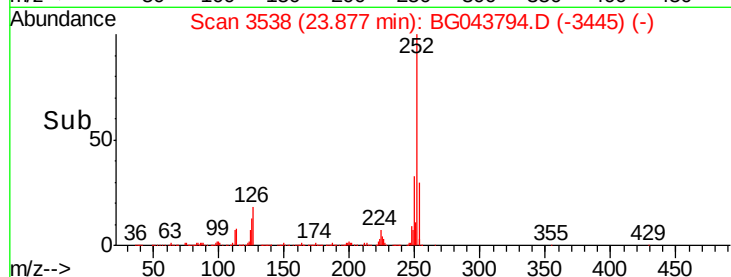
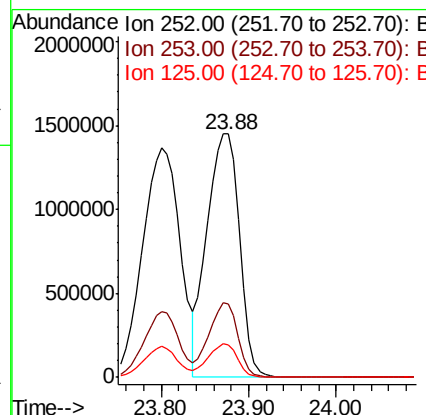
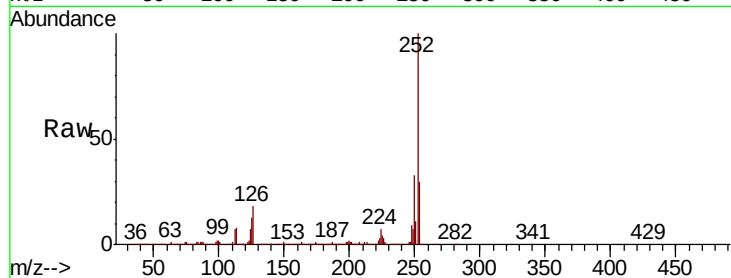




#89
Benzo(k)fluoranthene
Concen: 83.669 ng
RT: 23.88 min Scan# 3538
Delta R.T. 0.02 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

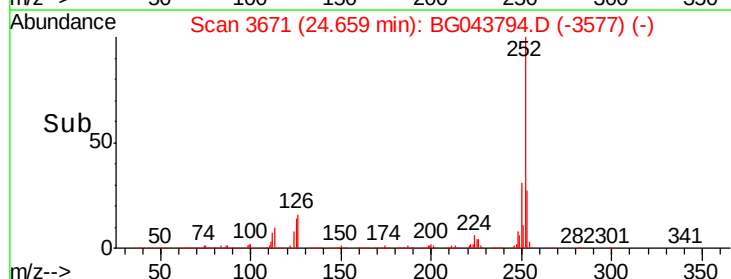
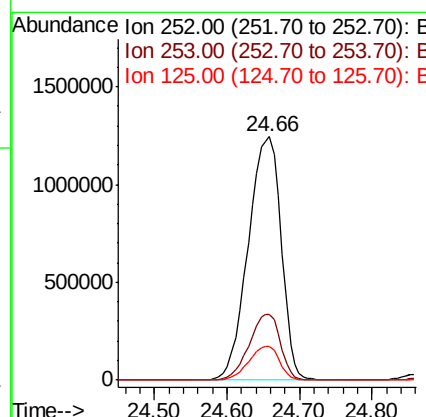
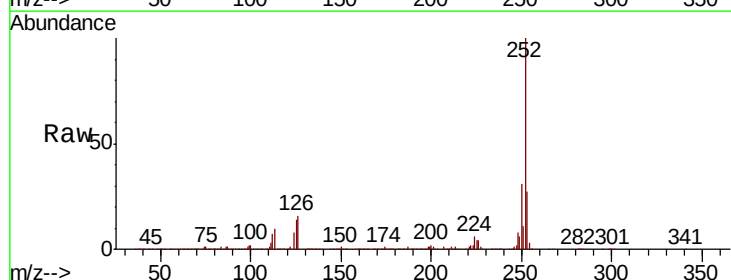
Instrument :
BNA_G
ClientSampleId :

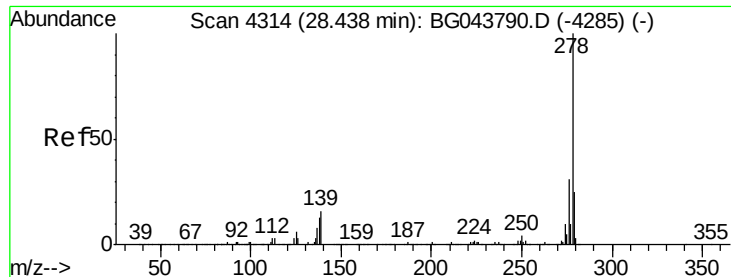
Tot Ion:252 Resp: 3757841
Ion Ratio Lower Upper
252 100
253 30.2 19.4 29.0#
125 13.4 8.9 13.3#



#90
Benzo(a)pyrene
Concen: 89.150 ng
RT: 24.66 min Scan# 3671
Delta R.T. 0.02 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Tgt Ion:252 Resp: 3923070
Ion Ratio Lower Upper
252 100
253 27.1 19.1 28.7
125 13.7 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 95.448 ng

RT: 28.47 min Scan# 4320

Delta R.T. 0.03 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

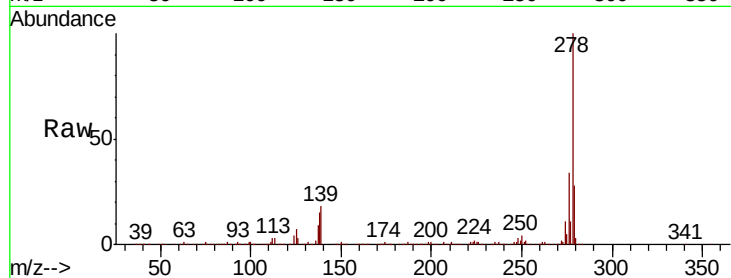
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 4074087

Ion	Ratio	Lower	Upper
278	100		
139	17.7	13.2	19.8
279	27.6	19.8	29.6

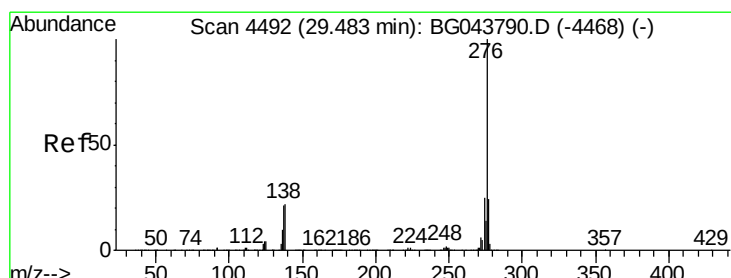
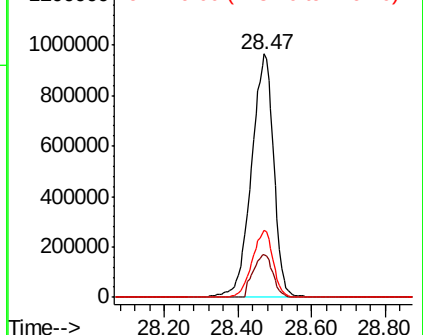
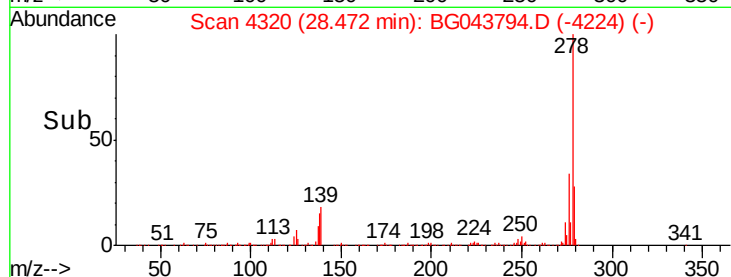


Abundance

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: 97.581 ng

RT: 29.52 min Scan# 4499

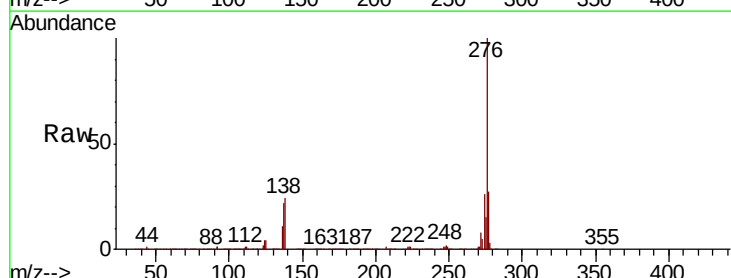
Delta R.T. 0.04 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Tgt Ion:276 Resp: 4107447

Ion	Ratio	Lower	Upper
276	100		
277	26.8	19.3	28.9
138	23.8	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

