

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
 Data File : BG044740.D
 Acq On : 12 Mar 2020 18:10
 Operator : CG/JU
 Sample : L1893-14MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 13 06:08:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	102328	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	428431	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	293840	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	660271	20.00	ng	0.00
76) Chrysene-d12	21.70	240	568806	20.00	ng	0.00
87) Perylene-d12	24.92	264	674399	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	737399	112.18	ng	0.00
7) Phenol-d6	7.21	99	1033821	108.25	ng	0.00
23) Nitrobenzene-d5	9.21	82	666725	68.29	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	387044	100.60	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1357321	66.15	ng	0.00
79) Terphenyl-d14	20.04	244	2039165	67.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	112893	35.664	ng	98
3) Pyridine	3.91	79	278128	29.680	ng	98
4) n-Nitrosodimethylamine	3.83	42	152068	42.770	ng	# 87
6) Aniline	7.37	93	278472	23.432	ng	96
8) 2-Chlorophenol	7.62	128	309534	47.171	ng	96
9) Benzaldehyde	7.18	77	251040	44.566	ng	95
10) Phenol	7.24	94	431753	45.662	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	305218	40.446	ng	98
12) 1,3-Dichlorobenzene	7.94	146	315629	39.047	ng	98
13) 1,4-Dichlorobenzene	8.09	146	324673	40.627	ng	98
14) 1,2-Dichlorobenzene	8.41	146	294277	38.827	ng	94
15) Benzyl Alcohol	8.29	79	331317	43.236	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	507141	38.082	ng	100
17) 2-Methylphenol	8.49	107	283911	44.327	ng	92
18) Hexachloroethane	9.15	117	126901	40.334	ng	95
19) n-Nitroso-di-n-propylamine	8.86	70	270156	40.060	ng	97
20) 3+4-Methylphenols	8.82	107	396036	44.855	ng	97
22) Acetophenone	8.87	105	463442	38.183	ng	99
24) Nitrobenzene	9.25	77	405767	40.053	ng	98
25) Isophorone	9.78	82	740910	38.882	ng	99
26) 2-Nitrophenol	9.97	139	155924	44.755	ng	96
27) 2,4-Dimethylphenol	10.03	122	301268	48.549	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	425707	37.435	ng	98
29) 2,4-Dichlorophenol	10.51	162	311397	42.963	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	325397	37.546	ng	98
31) Naphthalene	10.91	128	931083	39.231	ng	99
32) Benzoic acid	10.17	122	183089	39.914	ng	90
33) 4-Chloroaniline	11.01	127	109147	10.208	ng	96
34) Hexachlorobutadiene	11.21	225	213905	37.532	ng	98
35) Caprolactam	11.78	113	52935	19.290	ng	94
36) 4-Chloro-3-methylphenol	12.13	107	364999	42.224	ng	97
37) 2-Methylnaphthalene	12.52	142	685192	38.595	ng	99
38) 1-Methylnaphthalene	12.74	142	661118	39.611	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	360662	37.270	ng	98

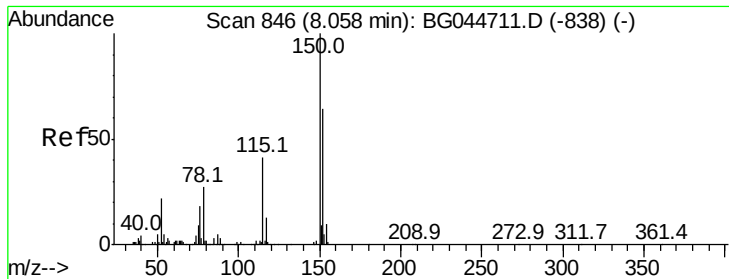
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
 Data File : BG044740.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	493510	93.317	ng	94
43) 2,4,6-Trichlorophenol	13.12	196	265068	41.274	ng	97
44) 2,4,5-Trichlorophenol	13.19	196	285478	42.863	ng	97
46) 1,1'-Biphenyl	13.53	154	879720	37.464	ng	99
47) 2-Chloronaphthalene	13.56	162	671227	37.420	ng	99
48) 2-Nitroaniline	13.76	65	253334	40.340	ng	97
49) Acenaphthylene	14.41	152	1114372	39.654	ng	99
50) Dimethylphthalate	14.14	163	1041360	44.497	ng	98
51) 2,6-Dinitrotoluene	14.25	165	200901	42.588	ng	95
52) Acenaphthene	14.75	154	774791	42.098	ng	97
53) 3-Nitroaniline	14.58	138	93361	17.214	ng	97
54) 2,4-Dinitrophenol	14.78	184	194822	79.134	ng	# 69
55) Dibenzofuran	15.09	168	1044124	39.122	ng	99
56) 4-Nitrophenol	14.88	139	348392	84.170	ng	98
57) 2,4-Dinitrotoluene	15.04	165	272772	42.161	ng	96
58) Fluorene	15.74	166	855140	38.951	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.23	232	259751	42.361	ng	99
60) Diethylphthalate	15.51	149	946563	38.779	ng	98
61) 4-Chlorophenyl-phenylether	15.73	204	462065	39.087	ng	98
62) 4-Nitroaniline	15.74	138	209737	36.267	ng	98
63) Azobenzene	16.02	77	994034	39.216	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	144789	46.825	ng	99
66) n-Nitrosodiphenylamine	15.94	169	778577	39.166	ng	99
67) 4-Bromophenyl-phenylether	16.62	248	311817	37.776	ng	97
68) Hexachlorobenzene	16.75	284	338830	37.837	ng	97
69) Atrazine	16.89	200	306127	42.033	ng	99
70) Pentachlorophenol	17.08	266	417777	84.790	ng	96
71) Phenanthrene	17.47	178	1383734	39.217	ng	99
72) Anthracene	17.57	178	1397634	40.171	ng	100
73) Carbazole	17.83	167	1323268	39.595	ng	98
74) Di-n-butylphthalate	18.40	149	1584839	39.011	ng	99
75) Fluoranthene	19.48	202	1682394	40.046	ng	99
77) Benzidine	19.65	184	663238	35.917	ng	99
78) Pyrene	19.84	202	1691447	40.532	ng	99
80) Butylbenzylphthalate	20.74	149	731751	39.415	ng	96
81) Benzo(a)anthracene	21.69	228	1625807	39.694	ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	238039	15.023	ng	95
83) Chrysene	21.75	228	1542958	39.437	ng	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	1034242	40.364	ng	99
85) Di-n-octyl phthalate	22.84	149	1760435	41.058	ng	99
86) Indeno(1,2,3-cd)pyrene	28.59	276	2111959	41.174	ng	99
88) Benzo(b)fluoranthene	23.90	252	1750482	39.317	ng	99
89) Benzo(k)fluoranthene	23.97	252	1709653	40.577	ng	99
90) Benzo(a)pyrene	24.77	252	1638651	39.334	ng	99
91) Dibenzo(a,h)anthracene	28.66	278	1692804	41.188	ng	97
92) Benzo(g,h,i)perylene	29.72	276	1749547	42.133	ng	98

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

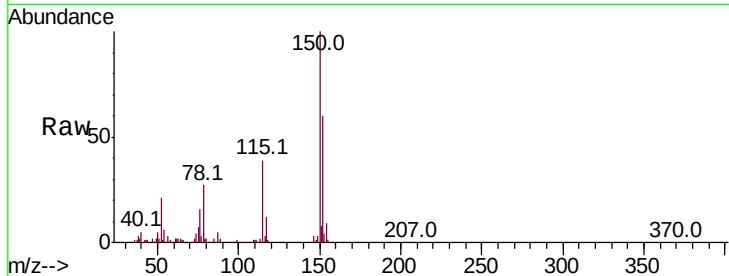


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG044740.D
Acq: 12 Mar 2020 18:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.9	125.3	187.9
115	65.5	51.7	77.5

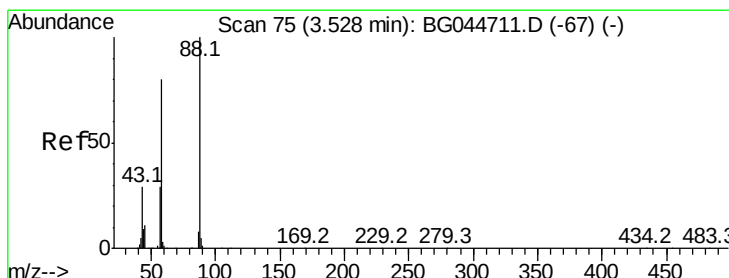
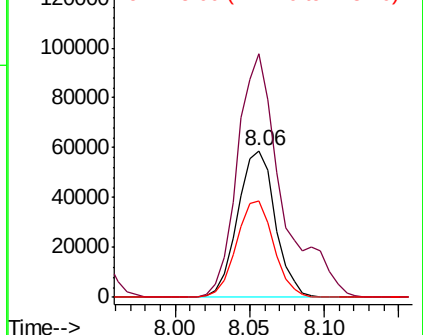
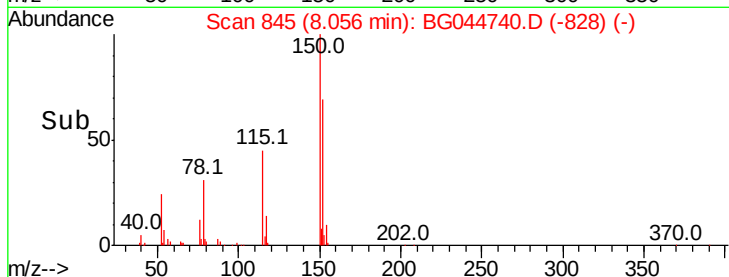


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

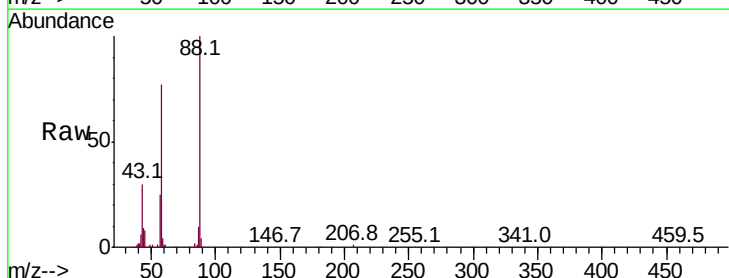
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.664 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG044740.D
Acq: 12 Mar 2020 18:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.9	63.0	94.4
43	31.7	23.2	34.8

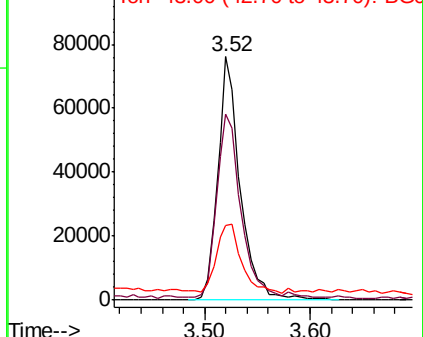
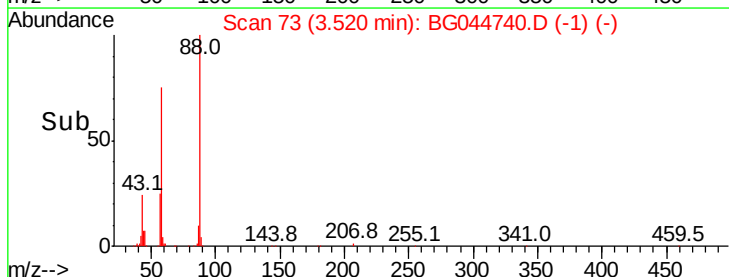


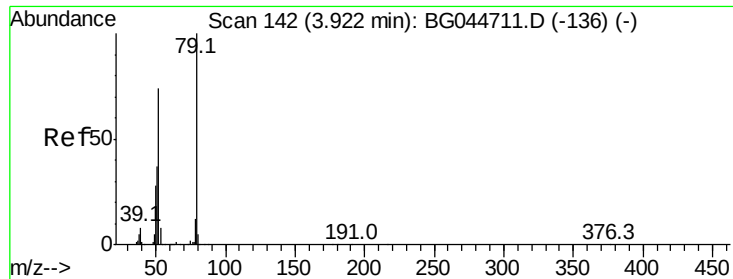
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 29.680 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.01 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

Instrument :

BNA_G

ClientSampleId :

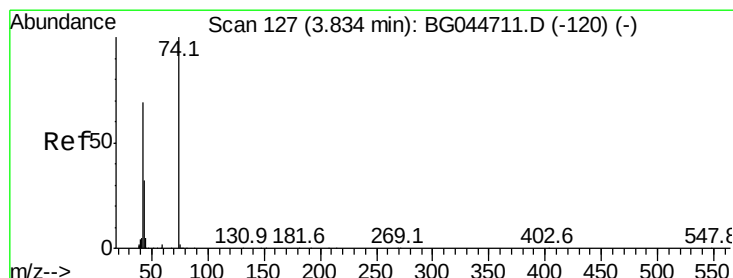
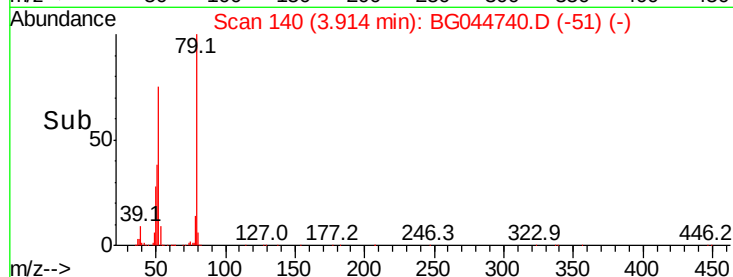
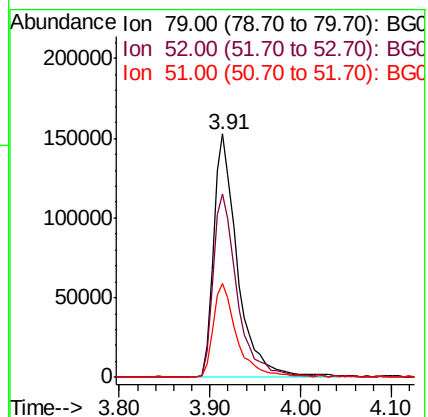
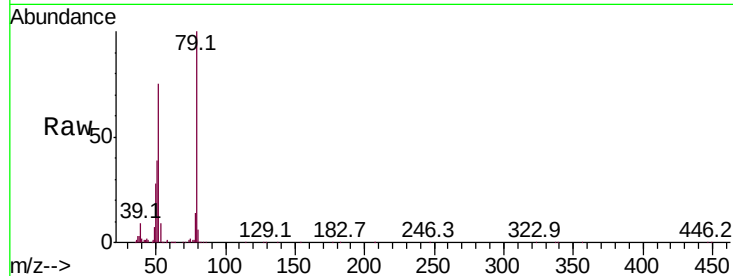
Tot Ion: 79 Resp: 278128

Ion Ratio Lower Upper

79 100

52 75.3 59.4 89.2

51 38.7 29.7 44.5



#4

n-Nitrosodimethylamine

Concen: 42.770 ng

RT: 3.83 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

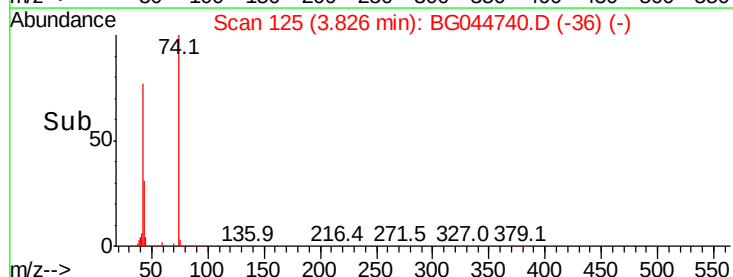
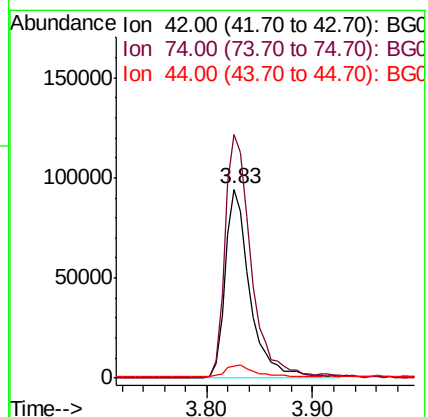
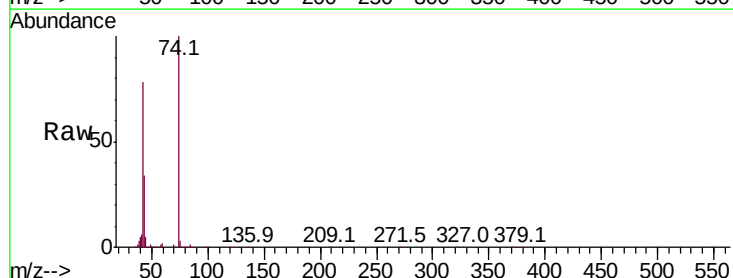
Tgt Ion: 42 Resp: 152068

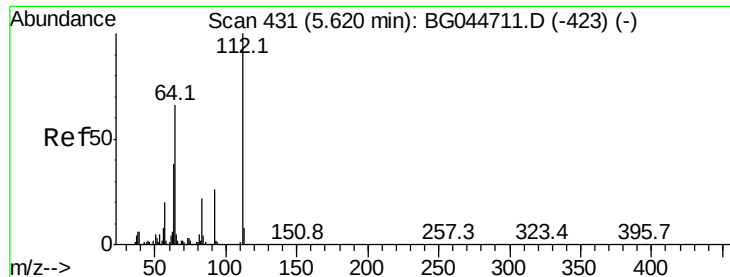
Ion Ratio Lower Upper

42 100

74 128.9 116.1 174.1

44 6.5 7.1 10.7#





#5

2-Fluorophenol

Concen: 112.179 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

Instrument :

BNA_G

ClientSampled :

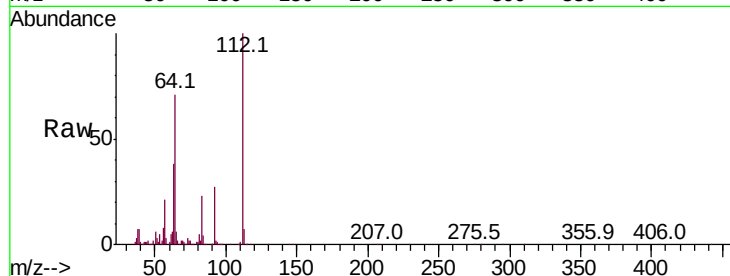
Tot Ion:112 Resp: 737399

Ion Ratio Lower Upper

112 100

64 70.8 52.6 78.8

63 38.3 30.2 45.4



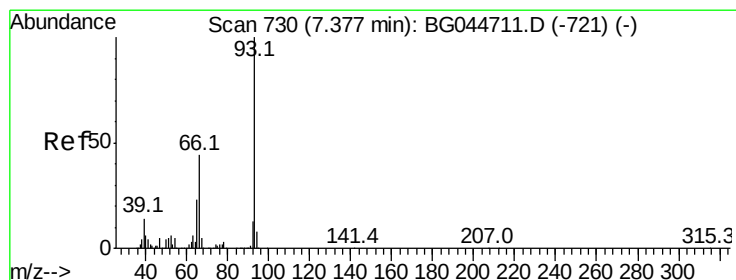
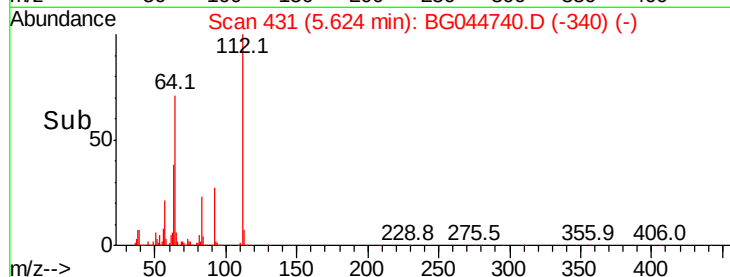
Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

5.62

Time-->



#6

Aniline

Concen: 23.432 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

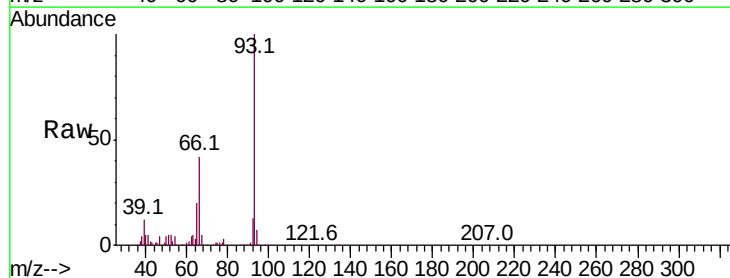
Tgt Ion: 93 Resp: 278472

Ion Ratio Lower Upper

93 100

66 41.7 35.3 52.9

65 20.3 18.2 27.4



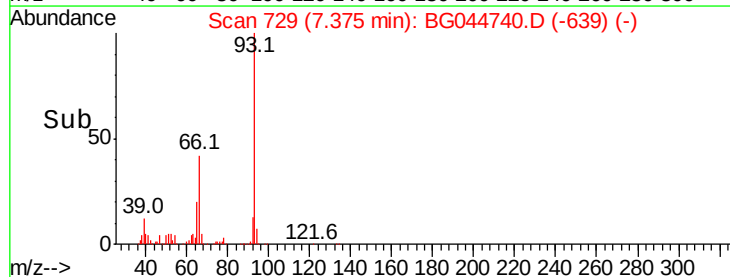
Abundance Ion 93.00 (92.70 to 93.70): BGC

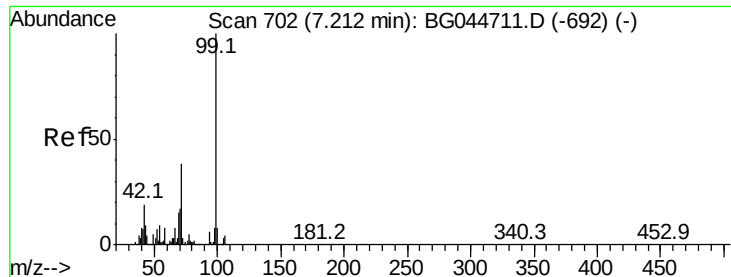
Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

7.37

Time-->





#7

Phenol-d6

Concen: 108.245 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

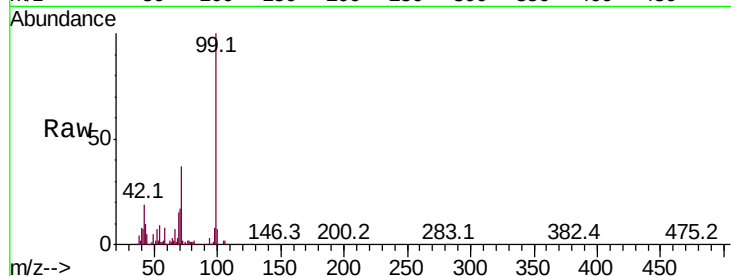
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1033821

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.4	23.0
71	36.8	30.2	45.4

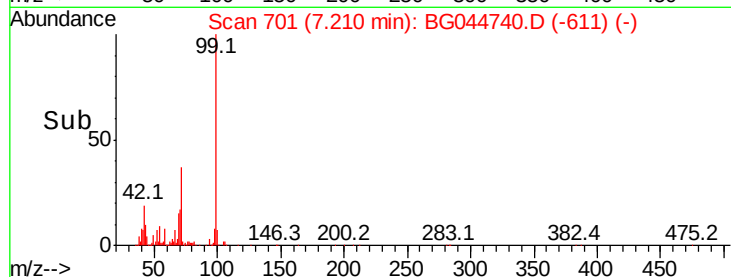


Abundance

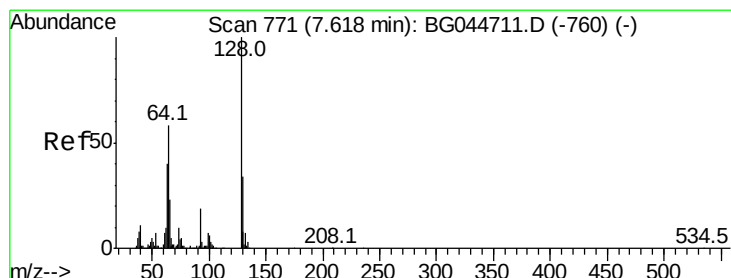
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#8

2-Chlorophenol

Concen: 47.171 ng

RT: 7.62 min Scan# 770

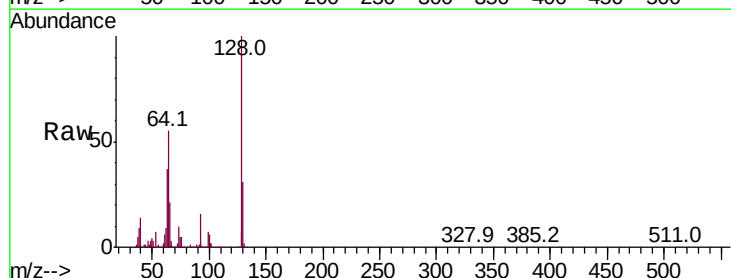
Delta R.T. -0.00 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

Tgt Ion:128 Resp: 309534

Ion	Ratio	Lower	Upper
128	100		
130	31.2	13.6	53.6
64	55.2	38.6	78.6

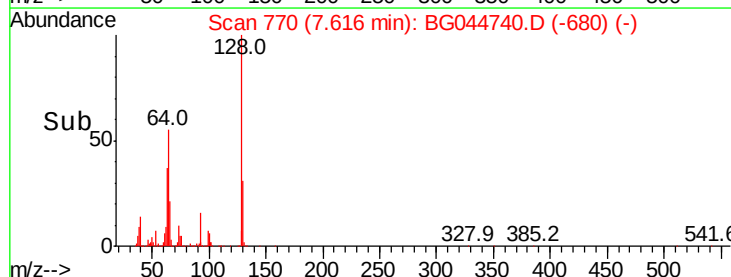


Abundance

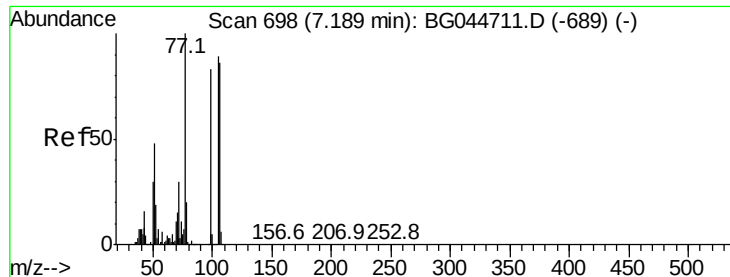
Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC



Time-->



#9

Benzaldehyde

Concen: 44.566 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

Instrument :

BNA_G

ClientSampled :

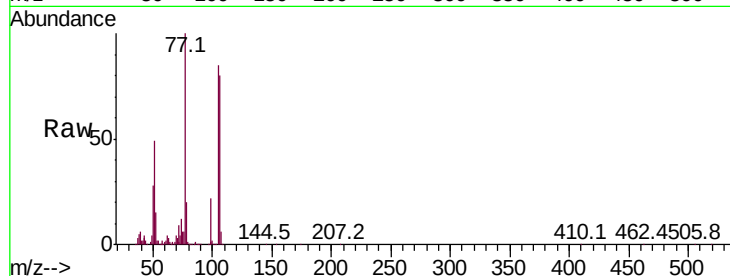
Tot Ion: 77 Resp: 251040

Ion Ratio Lower Upper

77 100

105 84.9 68.6 108.6

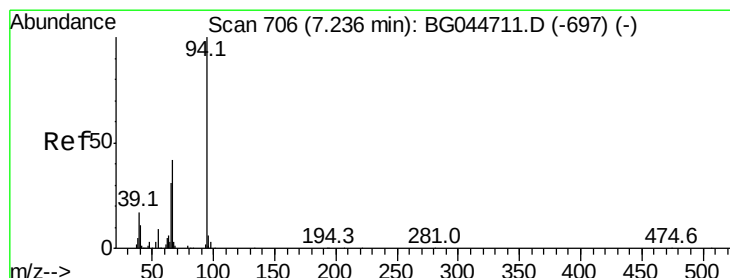
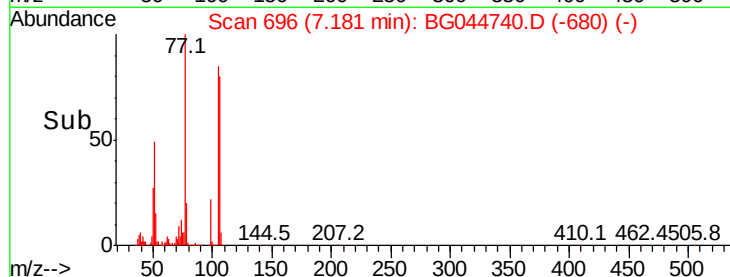
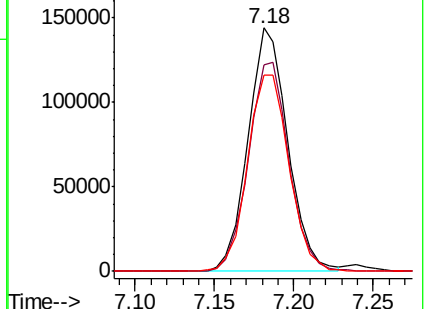
106 80.4 65.9 105.9



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.662 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

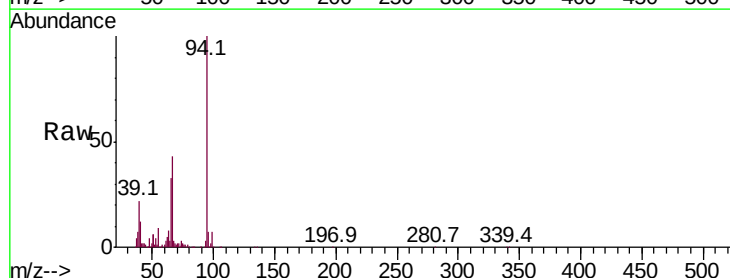
Tgt Ion: 94 Resp: 431753

Ion Ratio Lower Upper

94 100

65 33.3 11.3 51.3

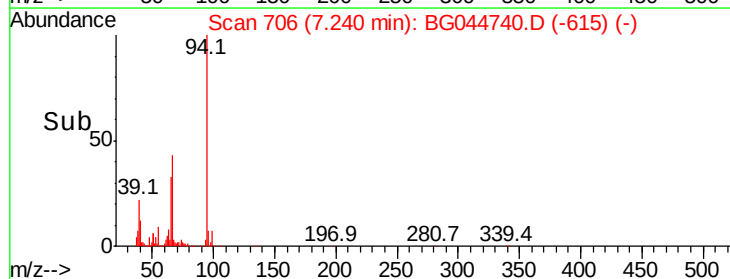
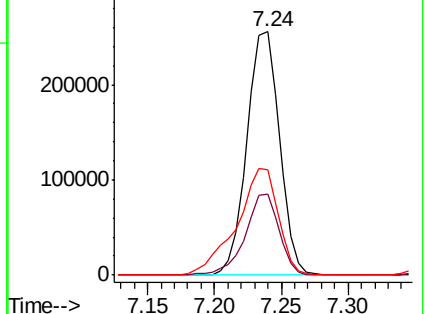
66 43.4 22.9 62.9

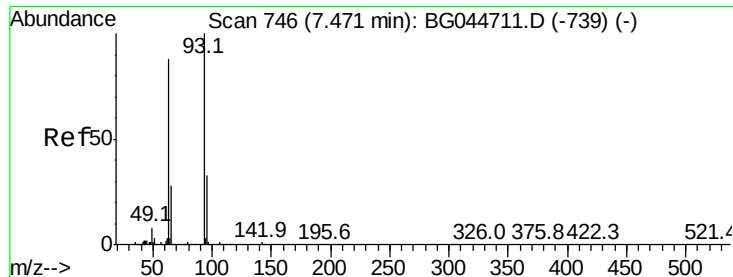


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 40.446 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

Instrument :

BNA_G

ClientSampleId :

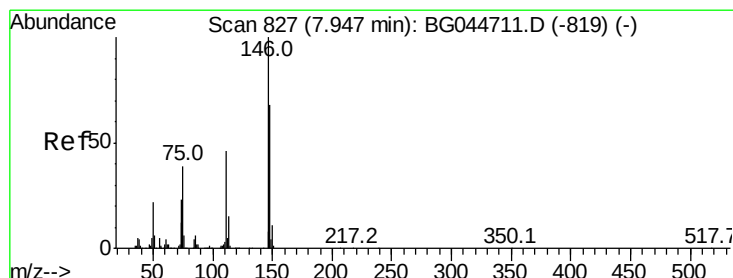
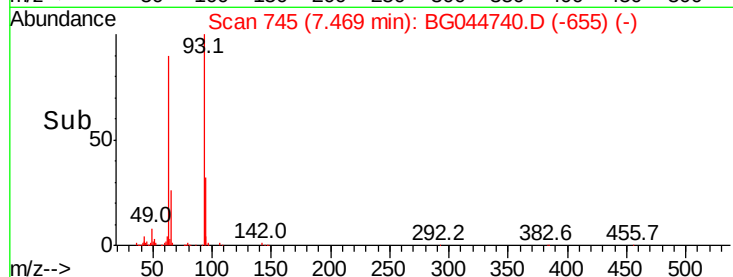
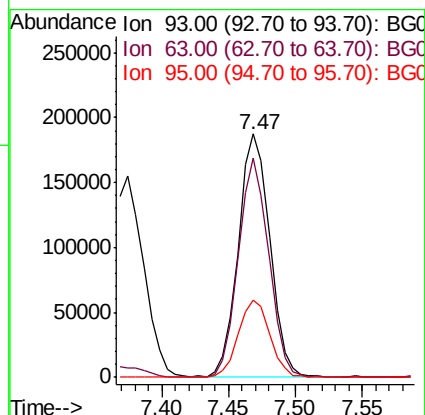
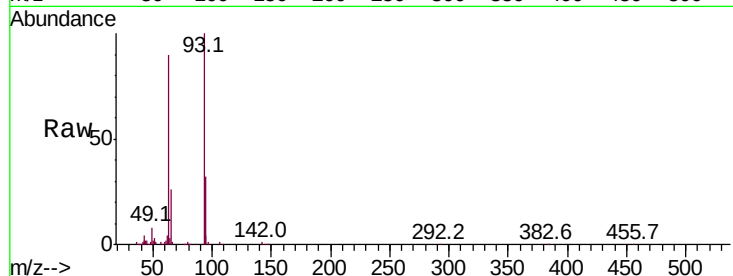
Tot Ion: 93 Resp: 305218

Ion Ratio Lower Upper

93 100

63 89.8 68.1 108.1

95 31.7 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 39.047 ng

RT: 7.94 min Scan# 826

Delta R.T. -0.00 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

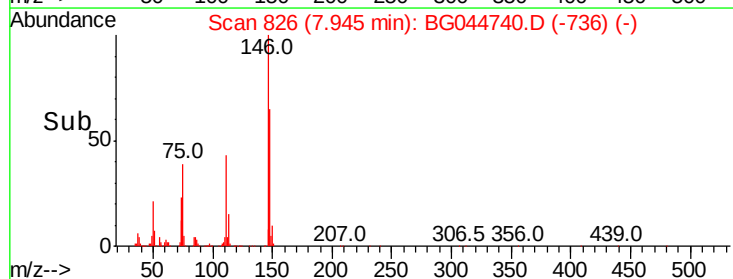
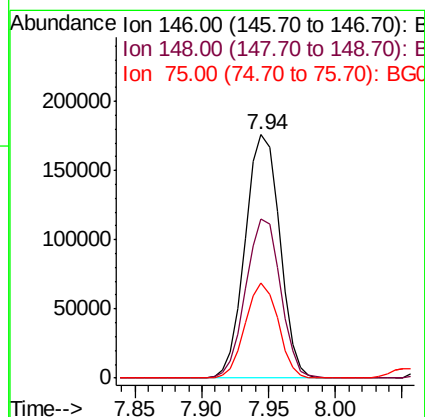
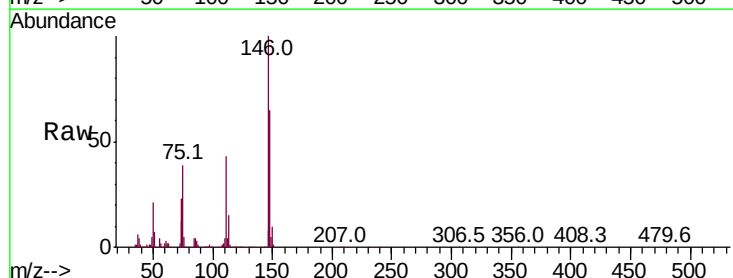
Tgt Ion: 146 Resp: 315629

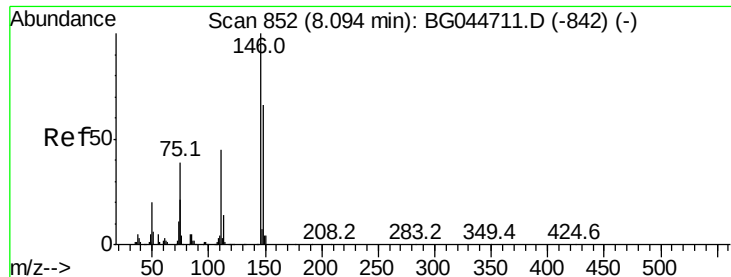
Ion Ratio Lower Upper

146 100

148 65.4 54.2 81.2

75 38.8 31.3 46.9

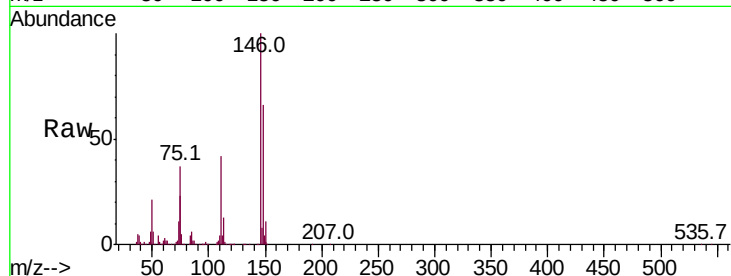




#13
1,4-Dichlorobenzene
Concen: 40.627 ng
RT: 8.09 min Scan# 851
Delta R.T. -0.00 min
Lab File: BG044740.D
Acq: 12 Mar 2020 18:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.3	52.9	79.3
111	41.6	35.6	53.4

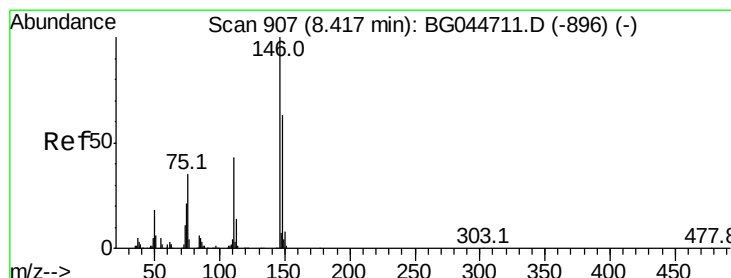
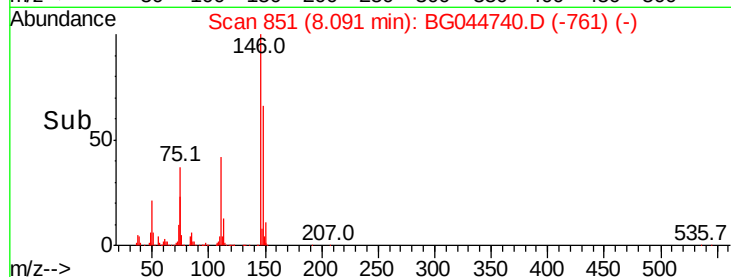
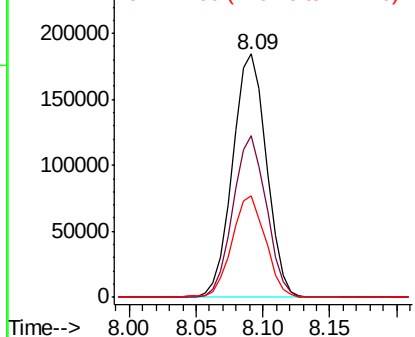


Abundance

Ion 146.00 (145.70 to 146.70): E

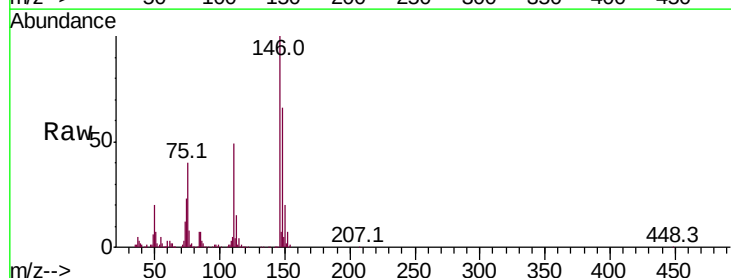
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 38.827 ng
RT: 8.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG044740.D
Acq: 12 Mar 2020 18:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	50.8	76.2
111	48.7	34.8	52.2

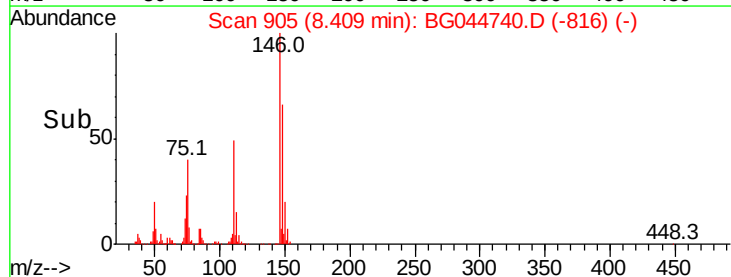
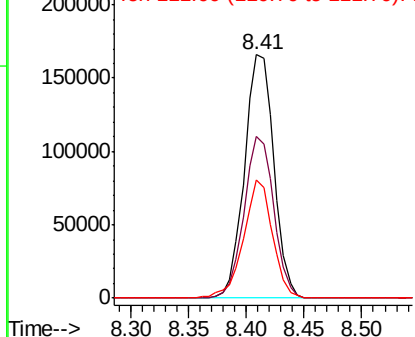


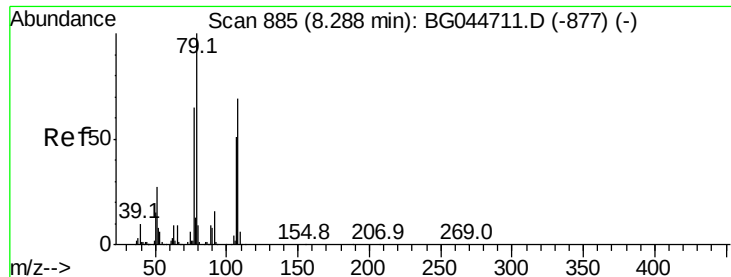
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.236 ng

RT: 8.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

Instrument :

BNA_G

ClientSampleId :

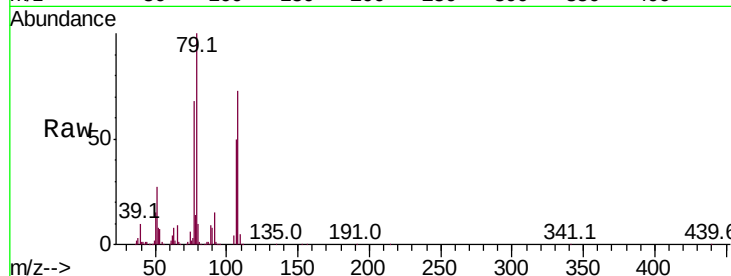
Tot Ion: 79 Resp: 331317

Ion Ratio Lower Upper

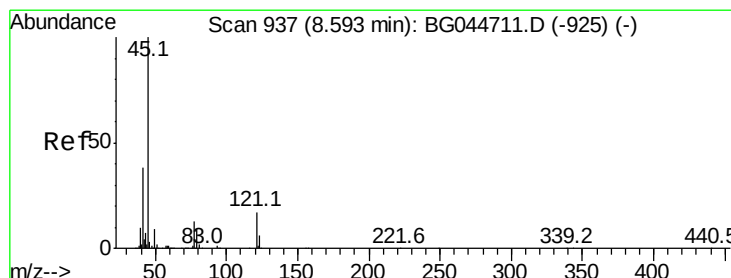
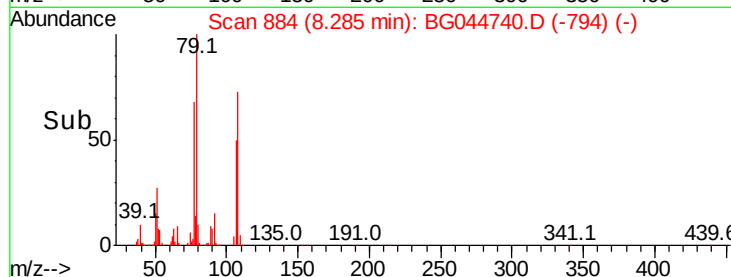
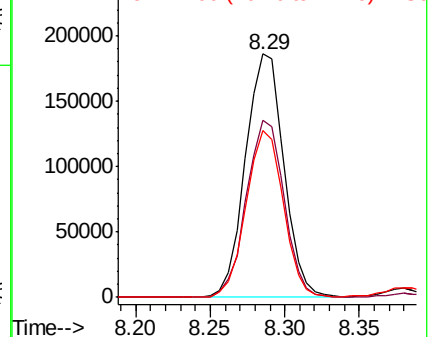
79 100

108 72.7 55.4 83.0

77 68.3 52.2 78.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.082 ng

RT: 8.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

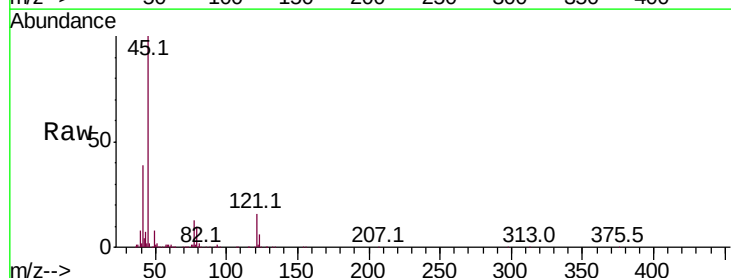
Tgt Ion: 45 Resp: 507141

Ion Ratio Lower Upper

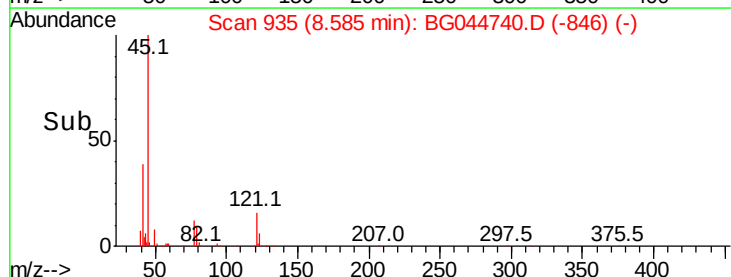
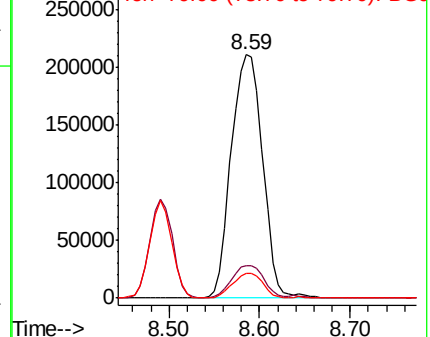
45 100

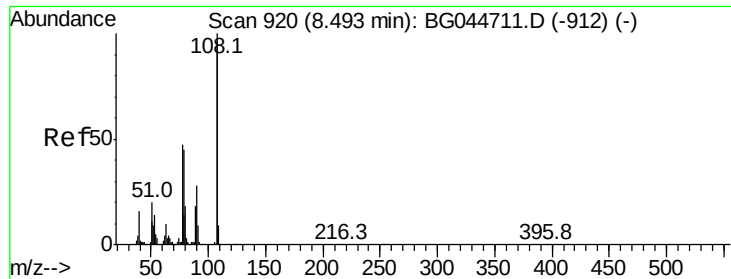
77 13.1 0.0 33.4

79 10.1 0.0 30.0



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





#17

2-Methylphenol

Concen: 44.327 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.00 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 283911

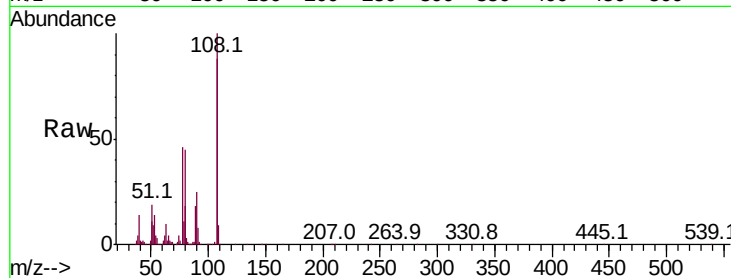
Ion Ratio Lower Upper

107 100

108 113.8 83.2 124.8

77 52.2 39.0 58.6

79 51.7 37.6 56.4

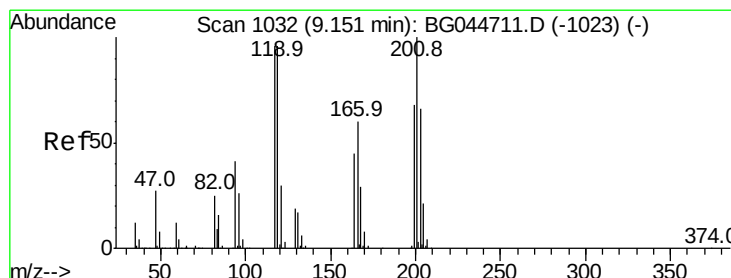
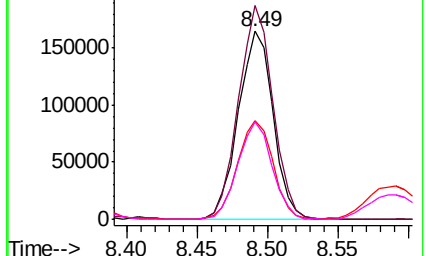
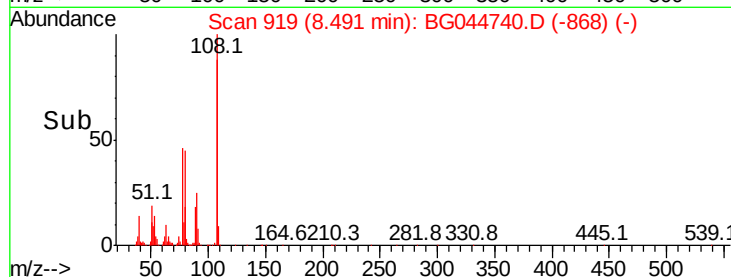


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.334 ng

RT: 9.15 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

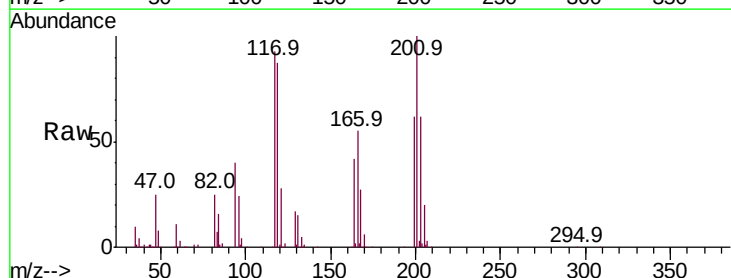
Tgt Ion:117 Resp: 126901

Ion Ratio Lower Upper

117 100

119 94.2 80.2 120.4

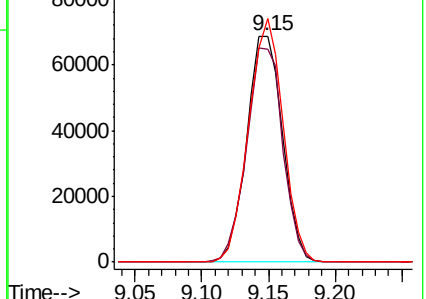
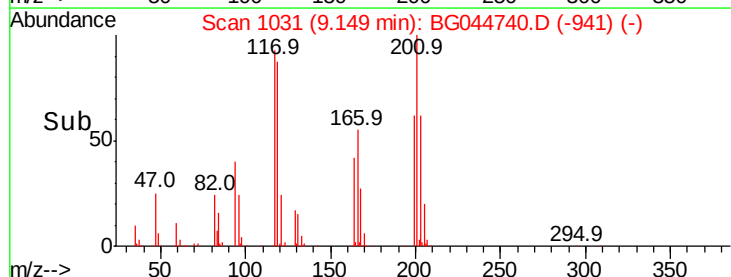
201 107.7 83.4 125.2

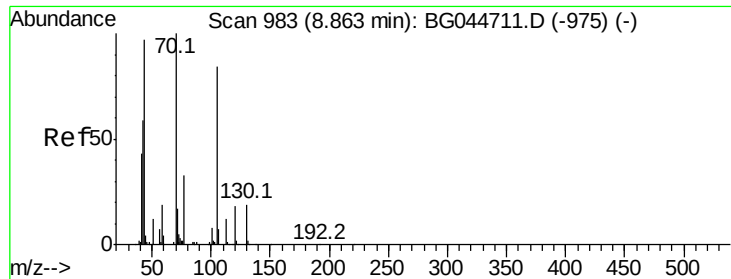


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

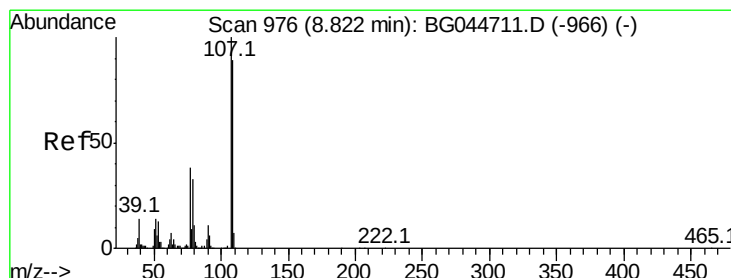
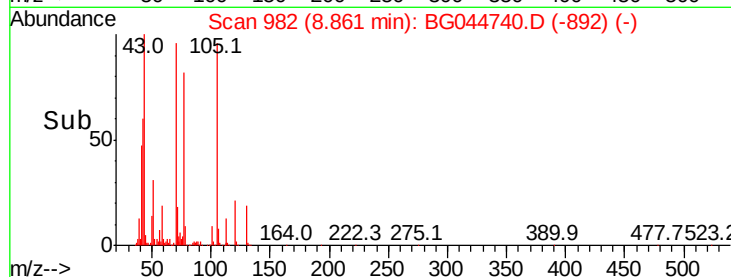
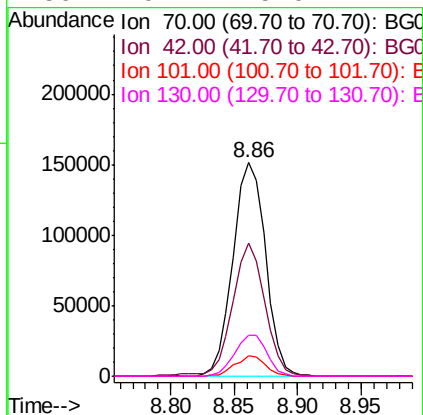
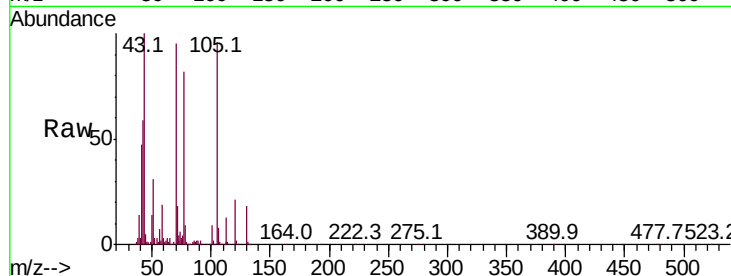




#19
n-Nitroso-di-n-propylamine
Concen: 40.060 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG044740.D
Acq: 12 Mar 2020 18:10

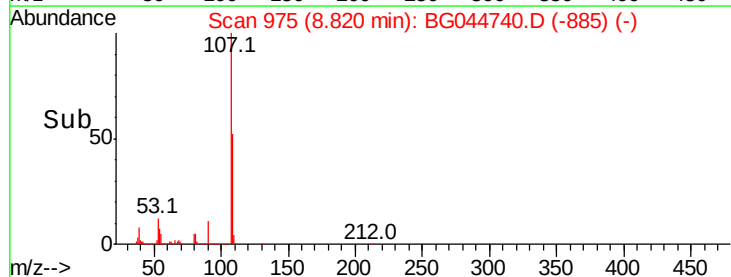
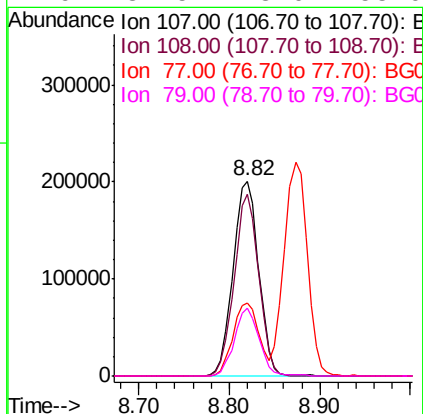
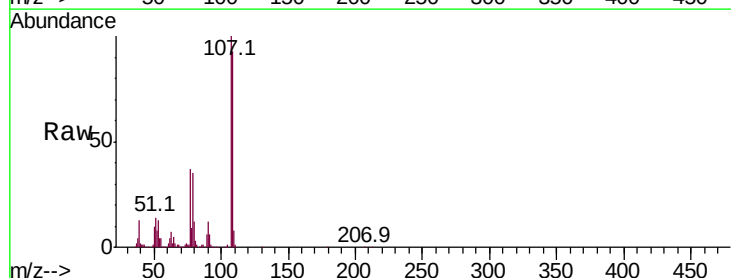
Instrument :
BNA_G
ClientSampleId :

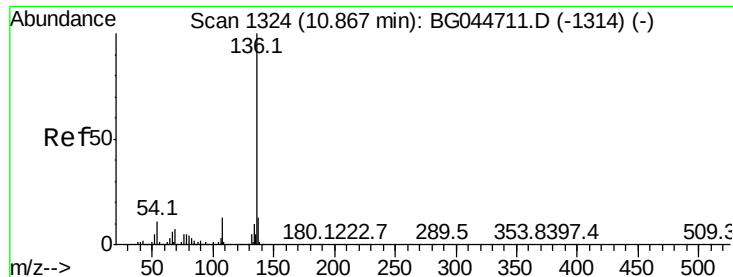
Tot Ion:	70	Resp:	270156
Ion	Ratio	Lower	Upper
70	100		
42	62.4	47.6	71.4
101	9.6	6.5	9.7
130	19.4	15.0	22.4



#20
3+4-Methylphenols
Concen: 44.855 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG044740.D
Acq: 12 Mar 2020 18:10

Tgt Ion:	107	Resp:	396036
Ion	Ratio	Lower	Upper
107	100		
108	93.0	69.1	109.1
77	37.1	17.7	57.7
79	34.5	13.0	53.0

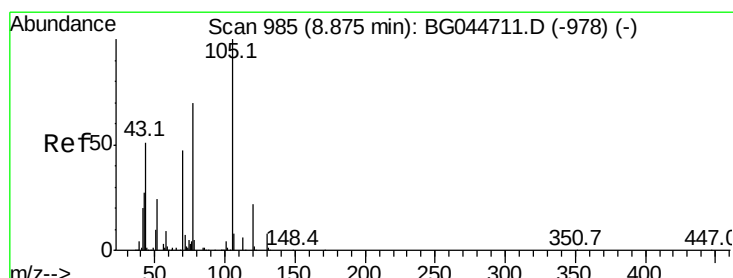
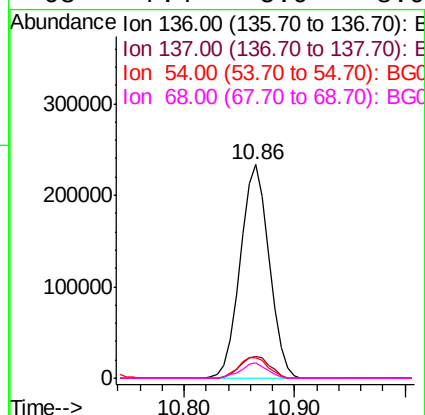
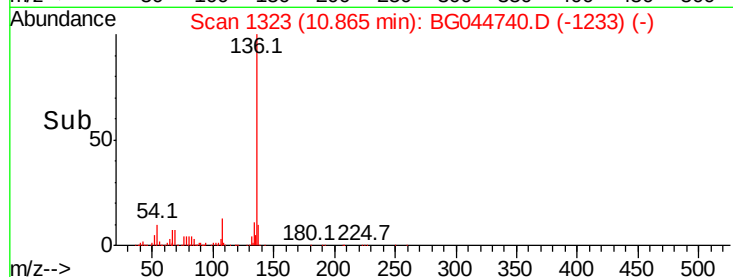
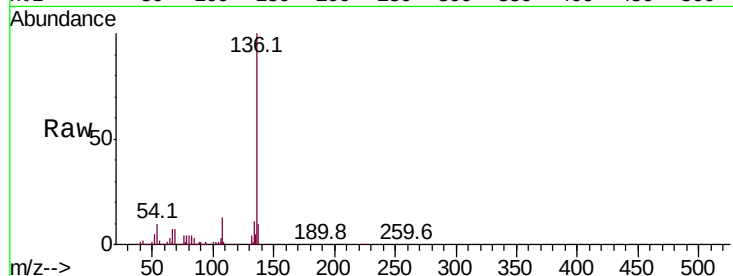




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG044740.D
Acq: 12 Mar 2020 18:10

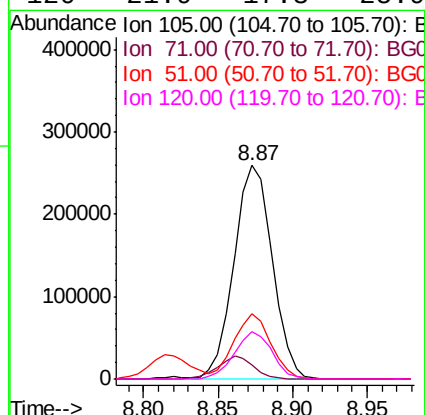
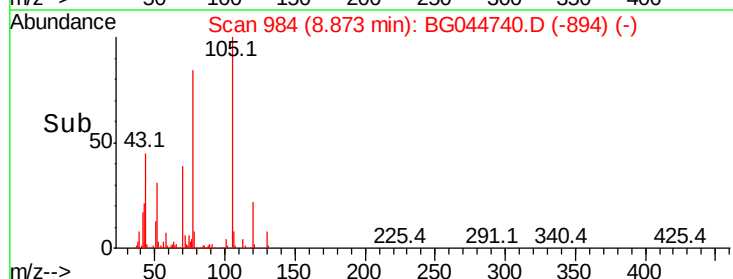
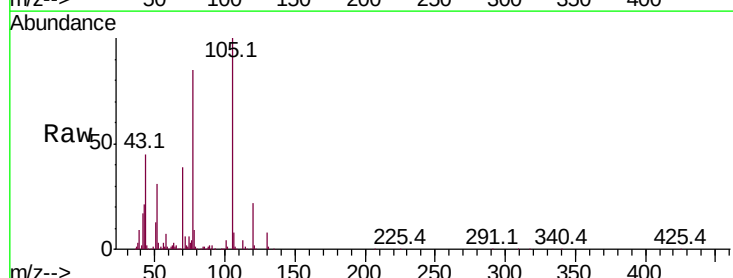
Instrument :
BNA_G
ClientSampleId :

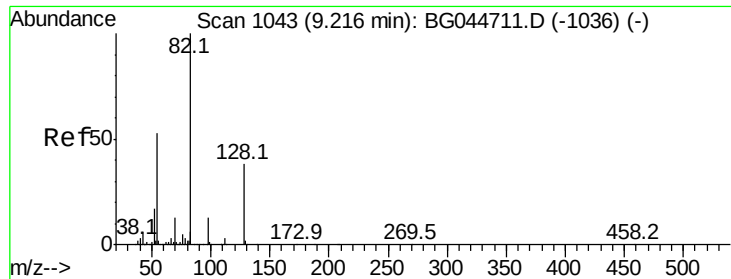
Tot Ion:	136	Resp:	428431
Ion	Ratio	Lower	Upper
136	100		
137	10.5	10.7	16.1#
54	9.7	9.0	13.4
68	7.4	5.9	8.9



#22
Acetophenone
Concen: 38.183 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG044740.D
Acq: 12 Mar 2020 18:10

Tgt Ion:	105	Resp:	463442
Ion	Ratio	Lower	Upper
105	100		
71	6.5	5.8	8.8
51	30.7	23.8	35.8
120	21.9	17.3	25.9

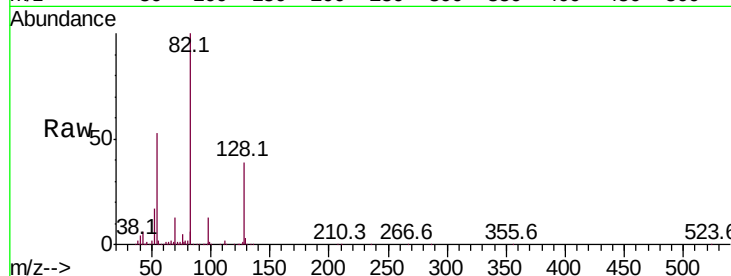




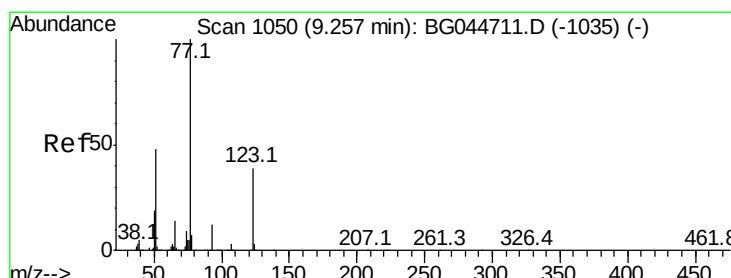
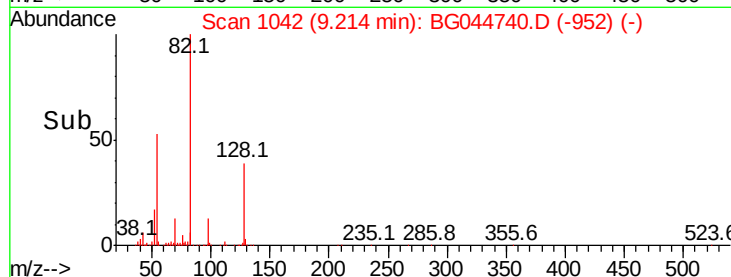
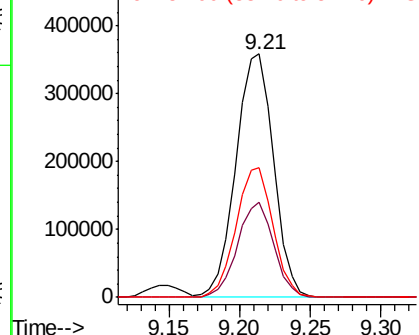
#23
 Nitrobenzene-d5
 Concen: 68.288 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG044740.D
 Acq: 12 Mar 2020 18:10

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	666725
Ion Ratio	Lower	Upper	
82	100		
128	39.0	30.2	45.2
54	53.1	41.8	62.8

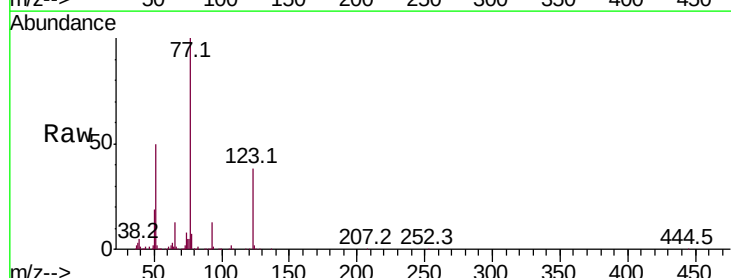


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

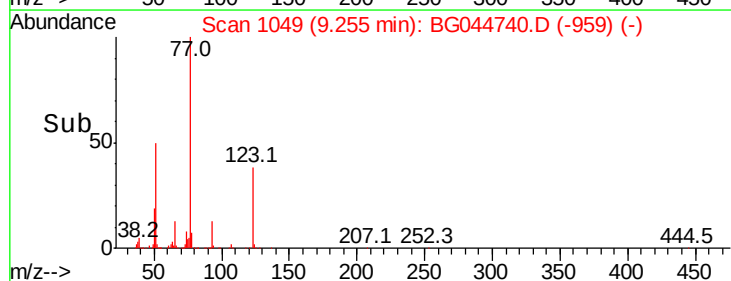
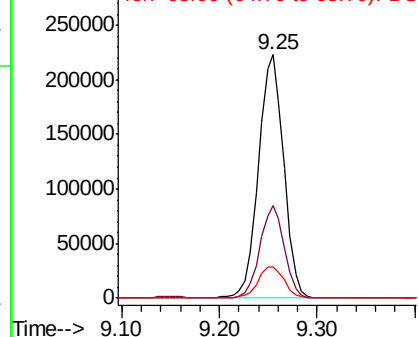


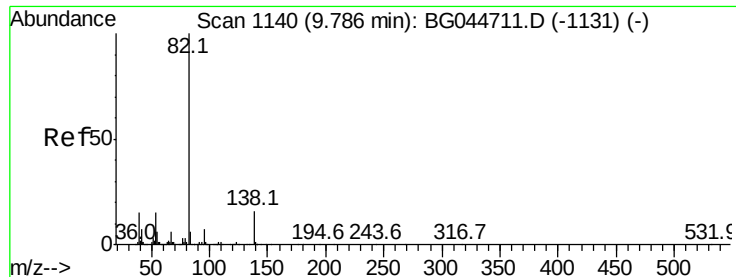
#24
 Nitrobenzene
 Concen: 40.053 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG044740.D
 Acq: 12 Mar 2020 18:10

Tgt Ion	77	Resp	405767
Ion Ratio	Lower	Upper	
77	100		
123	38.3	31.5	47.3
65	12.9	11.0	16.4



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





#25

Isophorone

Concen: 38.882 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

Instrument :

BNA_G

ClientSampled :

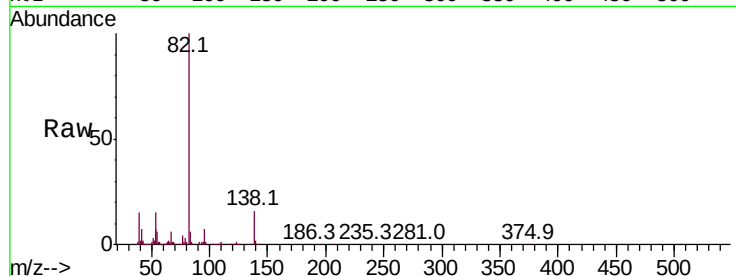
Tot Ion: 82 Resp: 740910

Ion Ratio Lower Upper

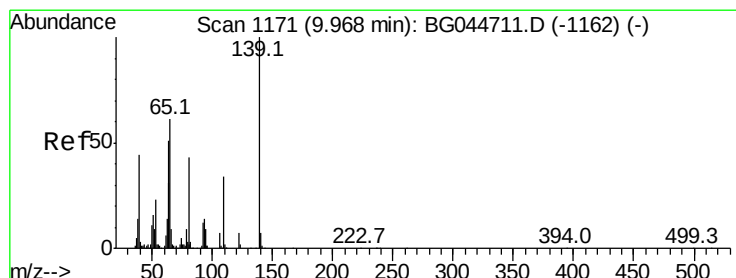
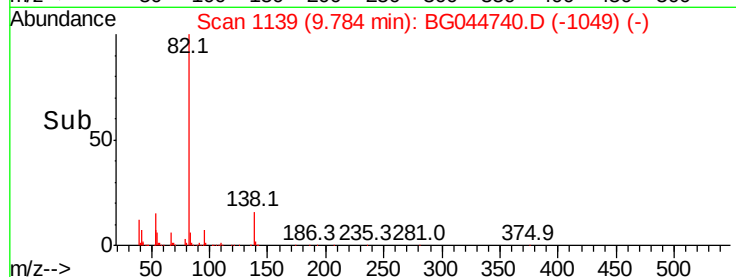
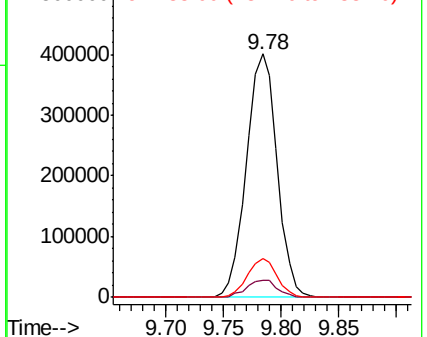
82 100

95 7.2 5.6 8.4

138 15.8 13.0 19.4



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: 44.755 ng

RT: 9.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

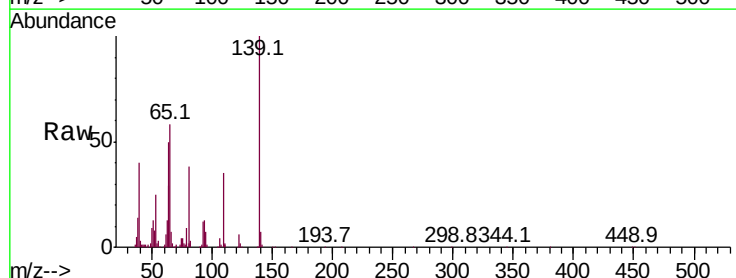
Tgt Ion: 139 Resp: 155924

Ion Ratio Lower Upper

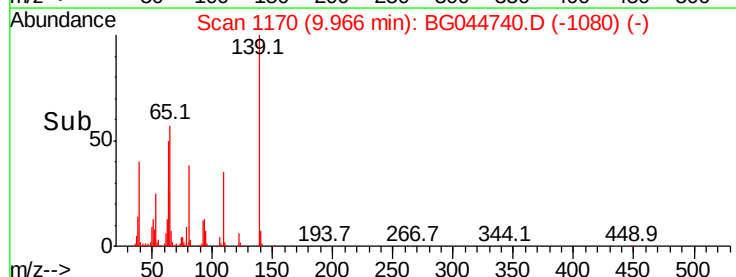
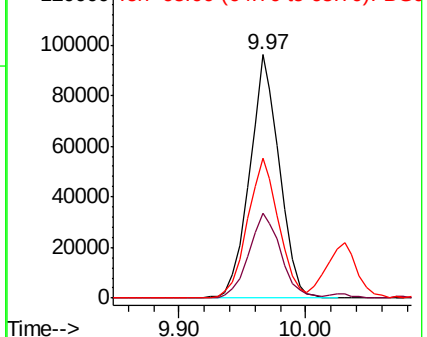
139 100

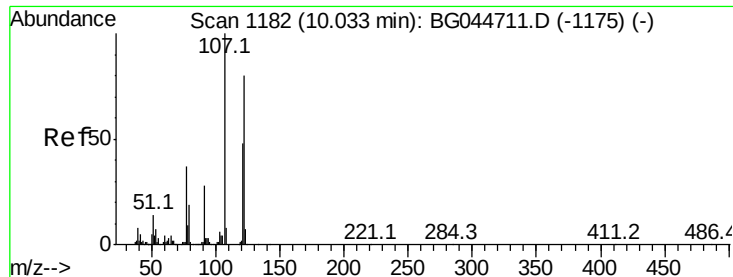
109 35.1 27.0 40.4

65 57.5 48.6 73.0



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

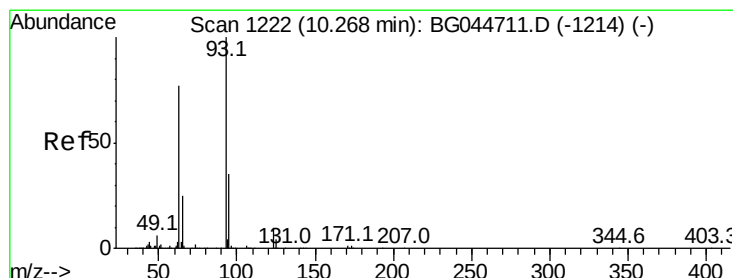
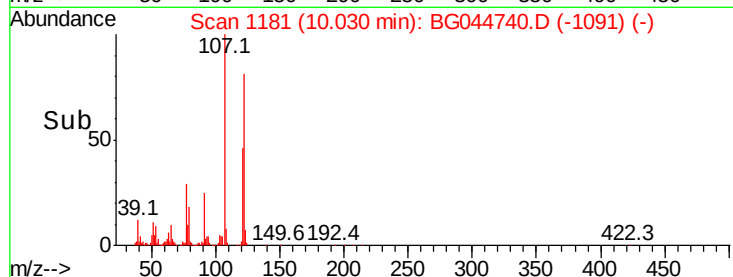
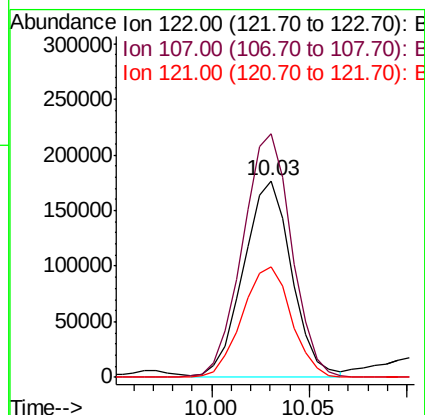
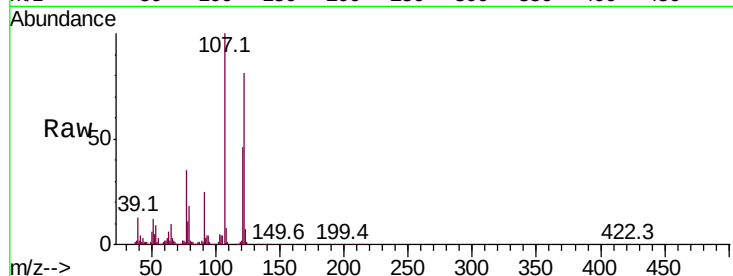




#27
2,4-Dimethylphenol
Concen: 48.549 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BG044740.D
Acq: 12 Mar 2020 18:10

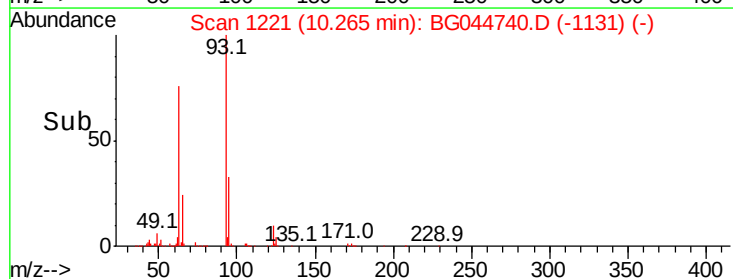
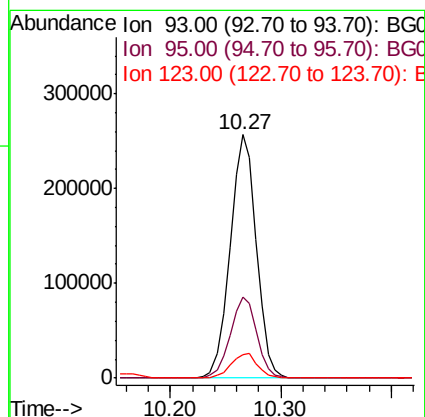
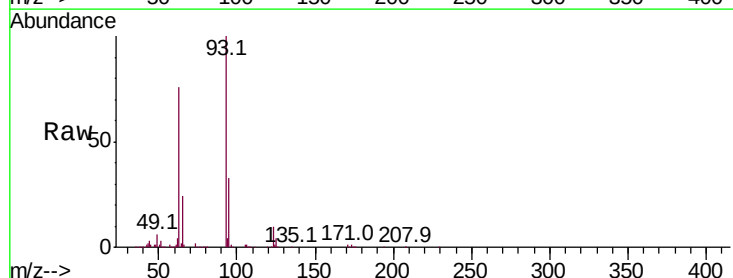
Instrument :
BNA_G
ClientSampled :

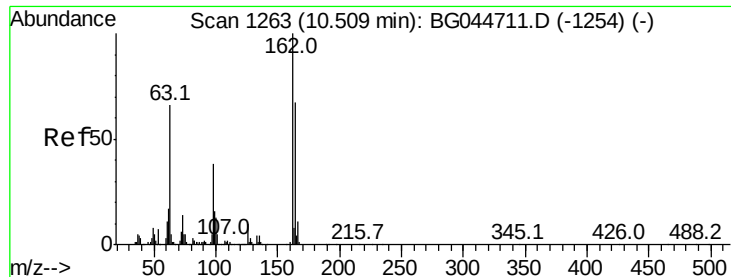
Tot Ion	Ratio	Lower	Upper
122	100		
107	123.7	99.0	148.6
121	56.3	47.6	71.4



#28
bis(2-Chloroethoxy)methane
Concen: 37.435 ng
RT: 10.27 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG044740.D
Acq: 12 Mar 2020 18:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	27.7	41.5
123	9.5	8.1	12.1

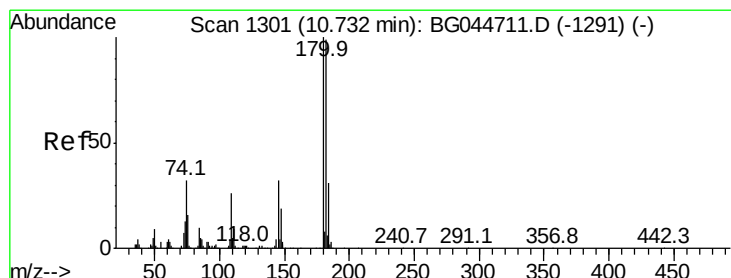
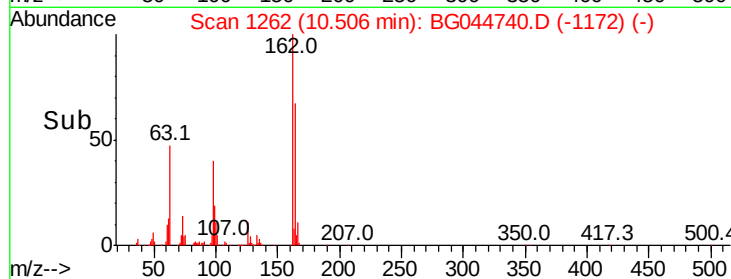
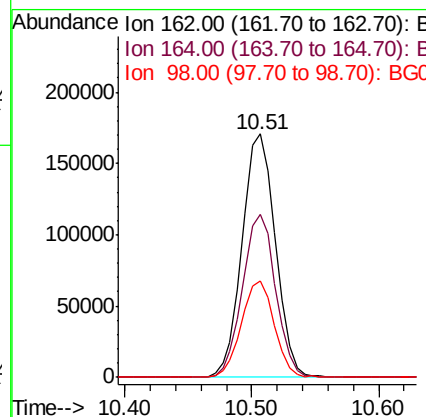
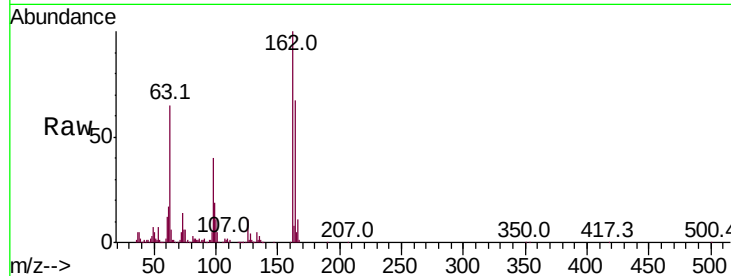




#29
2,4-Dichlorophenol
Concen: 42.963 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BG044740.D
Acq: 12 Mar 2020 18:10

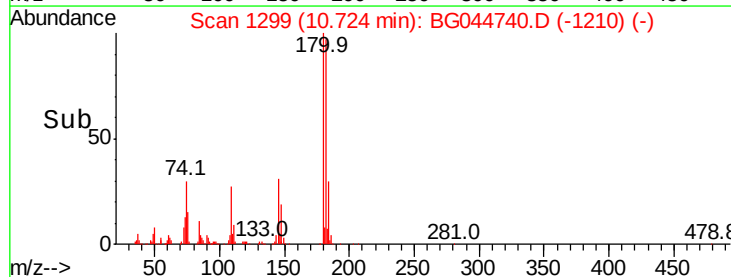
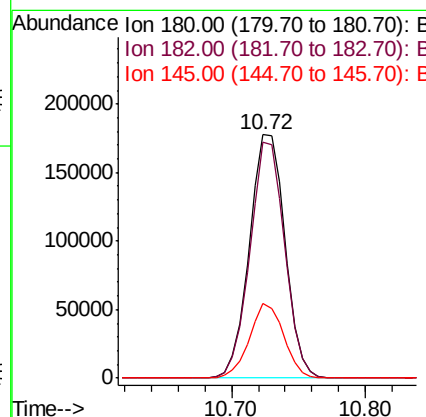
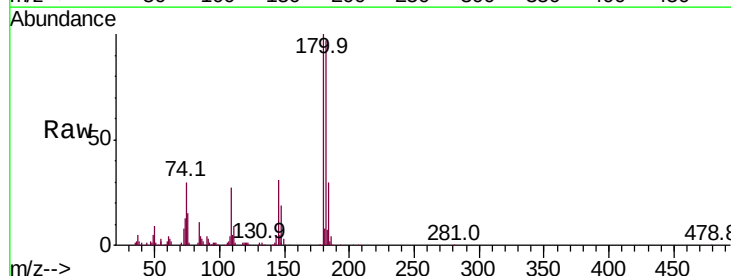
Instrument :
BNA_G
ClientSampleId :

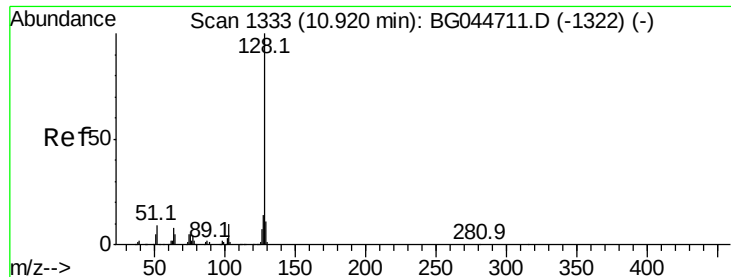
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.7	46.5	86.5
98	39.8	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 37.546 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG044740.D
Acq: 12 Mar 2020 18:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	78.8	118.2
145	30.9	25.4	38.0

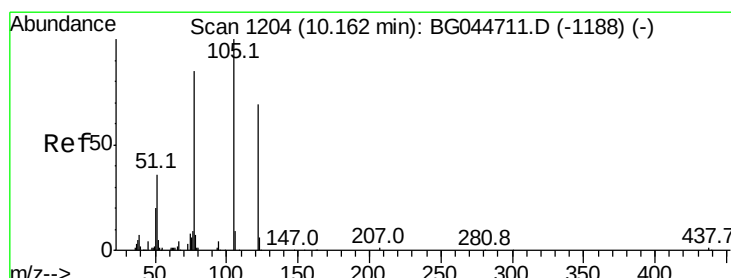
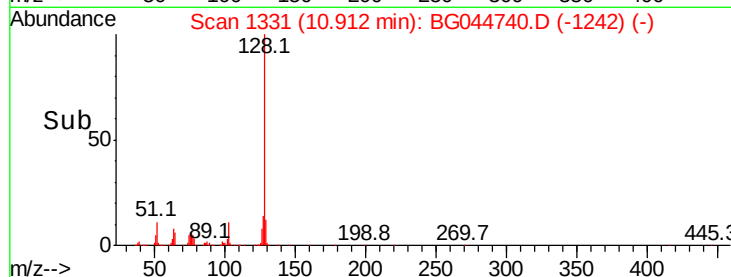
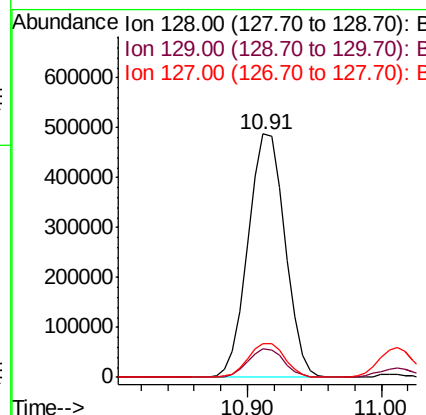
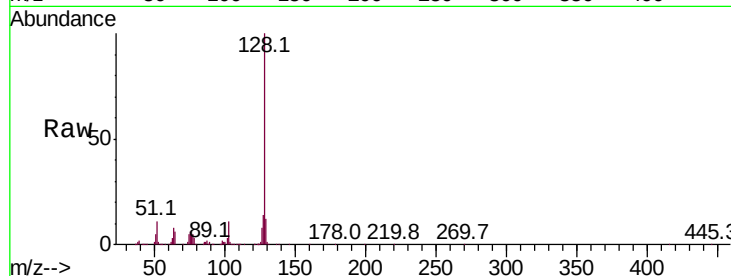




#31
Naphthalene
Concen: 39.231 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BG044740.D
Acq: 12 Mar 2020 18:10

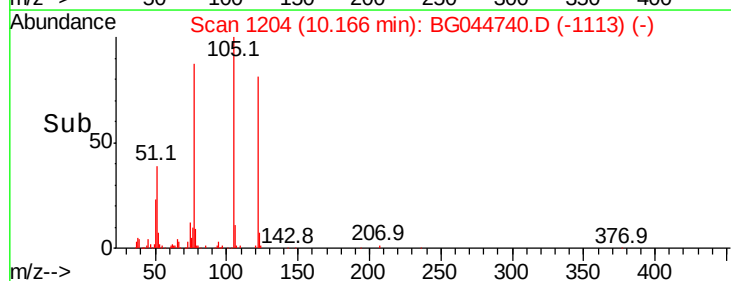
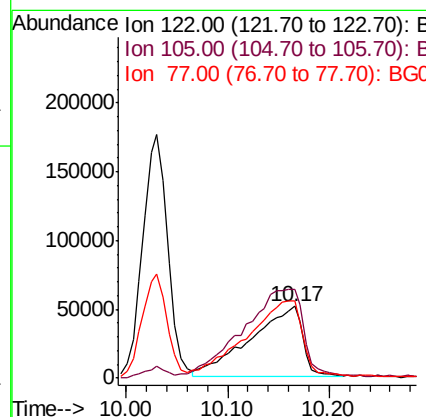
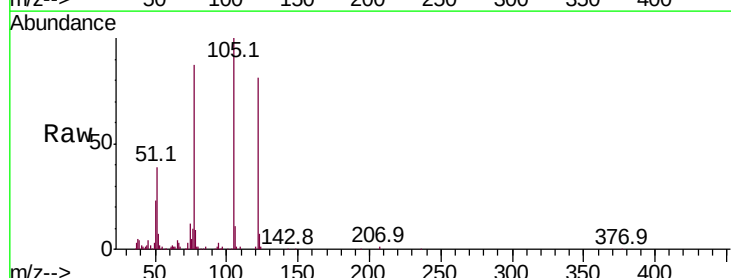
Instrument :
BNA_G
ClientSampleId :

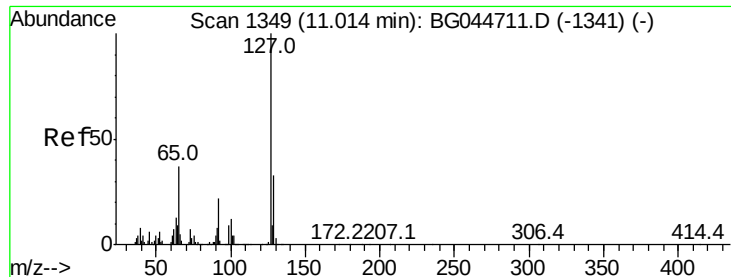
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.0	13.4
127	13.7	11.0	16.6



#32
Benzoic acid
Concen: 39.914 ng
RT: 10.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG044740.D
Acq: 12 Mar 2020 18:10

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.8	119.0	159.0
77	107.8	96.4	136.4

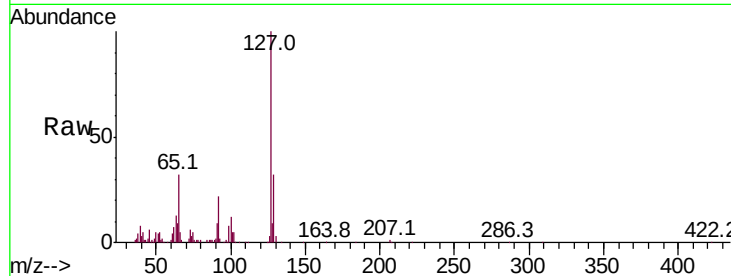




#33
4-Chloroaniline
Concen: 10.208 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BG044740.D
Acq: 12 Mar 2020 18:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	109147
Ion Ratio	Lower	Upper
127	100	
129	32.3	26.2 39.4
65	32.2	29.6 44.4
92	22.4	17.4 26.0



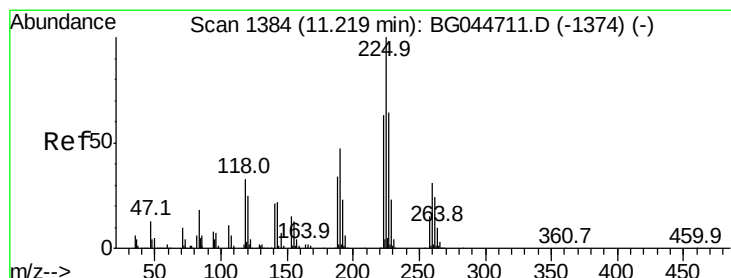
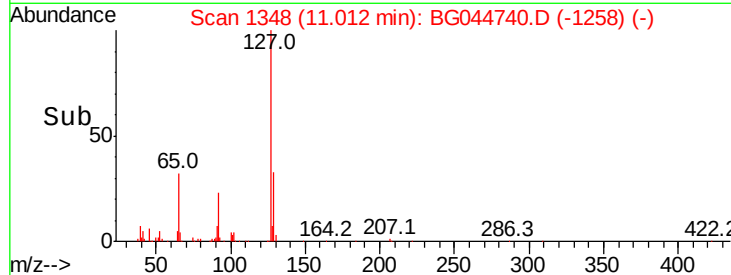
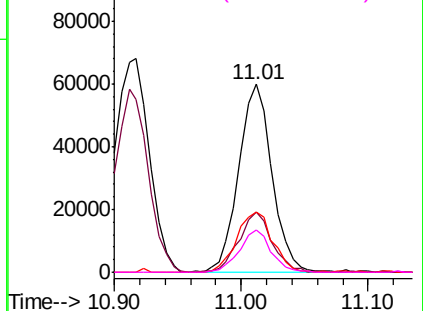
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

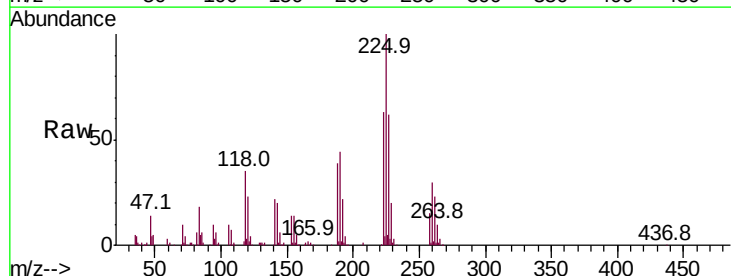
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 37.532 ng
RT: 11.21 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG044740.D
Acq: 12 Mar 2020 18:10

Tgt Ion:225	Resp:	213905
Ion Ratio	Lower	Upper
225	100	
223	63.4	50.6 76.0
227	62.0	51.6 77.4

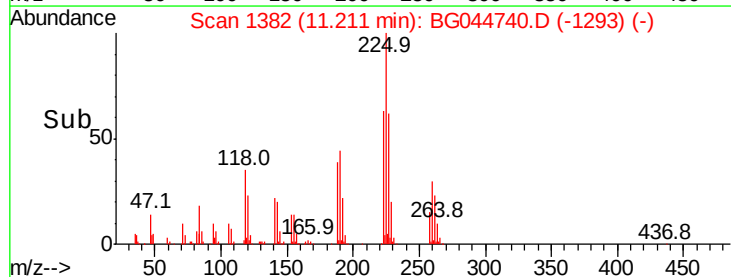
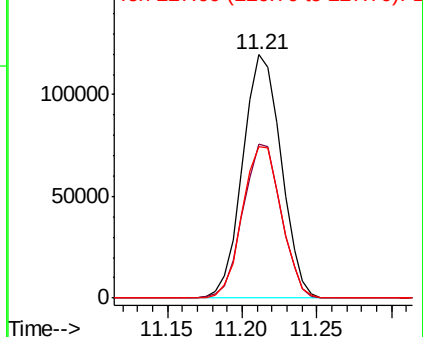


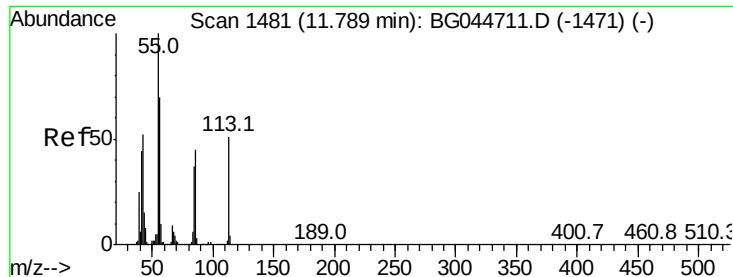
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

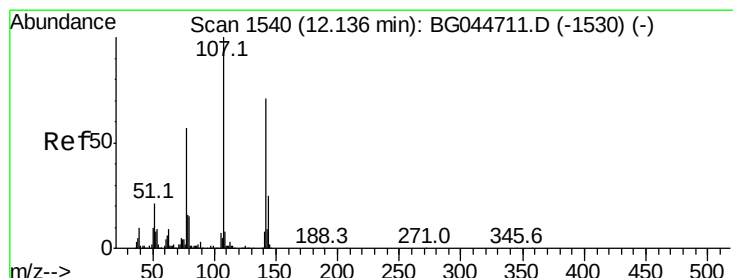
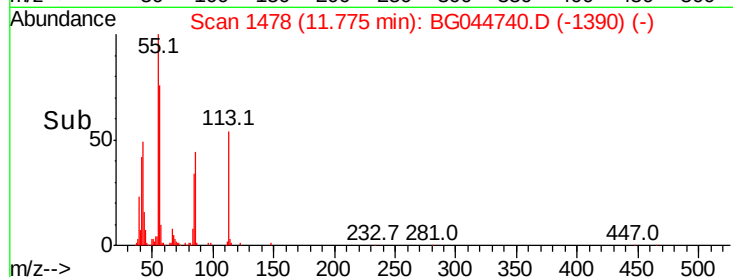
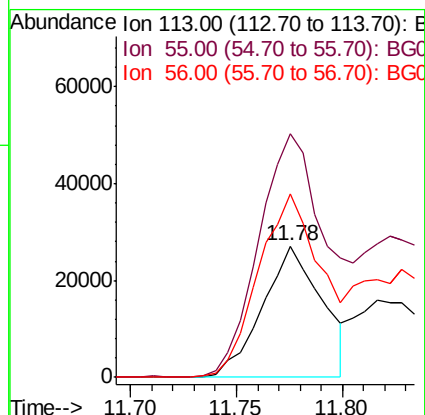
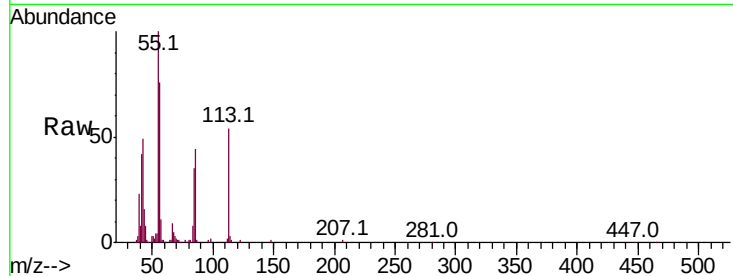




#35
 Caprolactam
 Concen: 19.290 ng
 RT: 11.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BG044740.D
 Acq: 12 Mar 2020 18:10

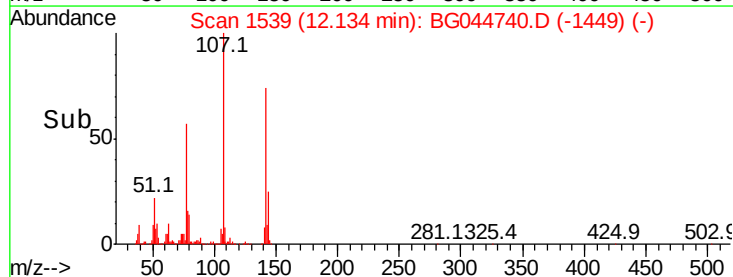
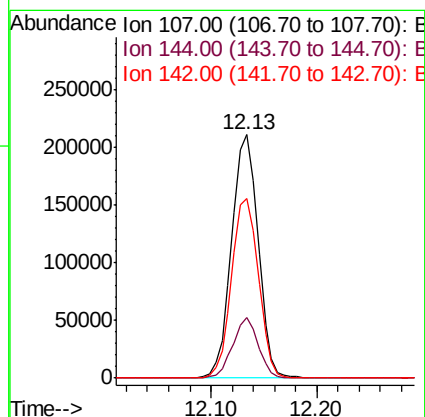
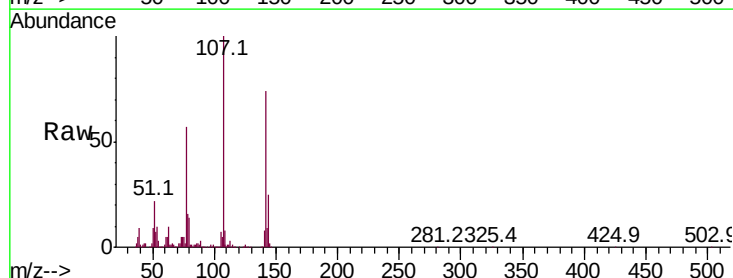
Instrument :
 BNA_G
 ClientSampleId :

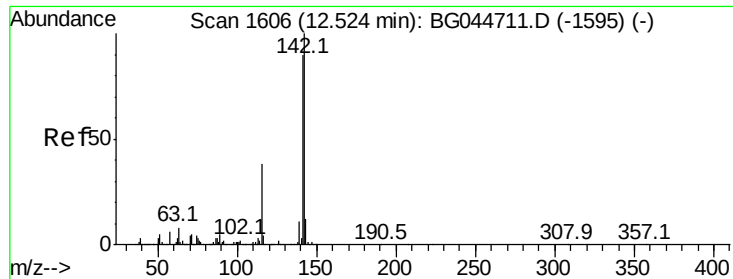
Tot Ion:113 Resp: 52935
 Ion Ratio Lower Upper
 113 100
 55 185.3 178.4 218.4
 56 139.9 117.7 157.7



#36
 4-Chloro-3-methylphenol
 Concen: 42.224 ng
 RT: 12.13 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BG044740.D
 Acq: 12 Mar 2020 18:10

Tgt Ion:107 Resp: 364999
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.6 29.4
 142 73.9 56.5 84.7





#37

2-Methylnaphthalene

Concen: 38.595 ng

RT: 12.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

Instrument :

BNA_G

ClientSampleId :

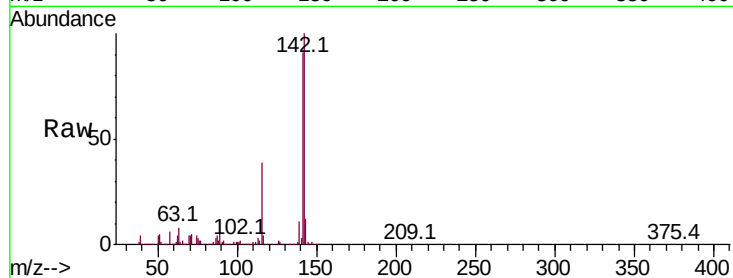
Tot Ion:142 Resp: 685192

Ion Ratio Lower Upper

142 100

141 91.1 72.3 108.5

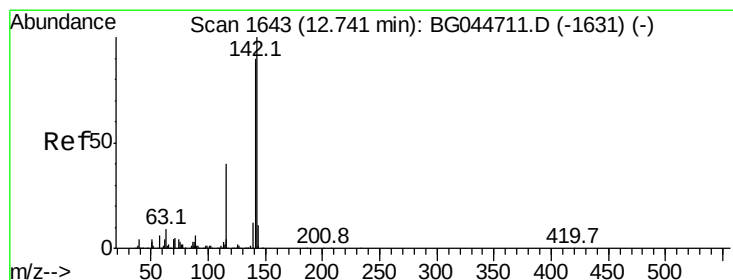
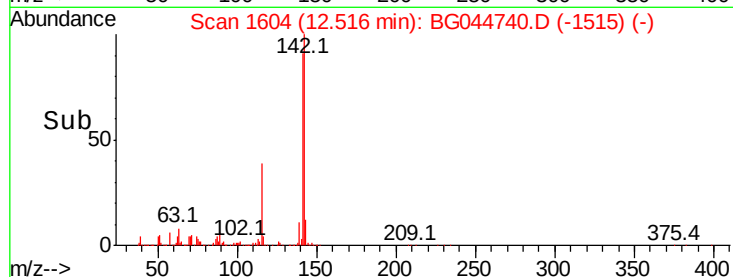
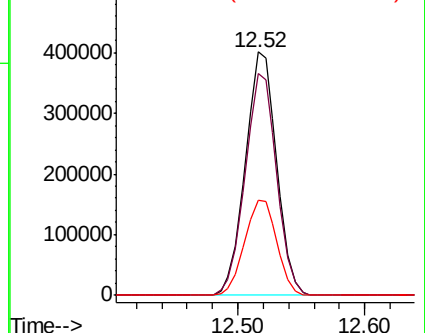
115 39.0 30.6 45.8



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: 39.611 ng

RT: 12.74 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

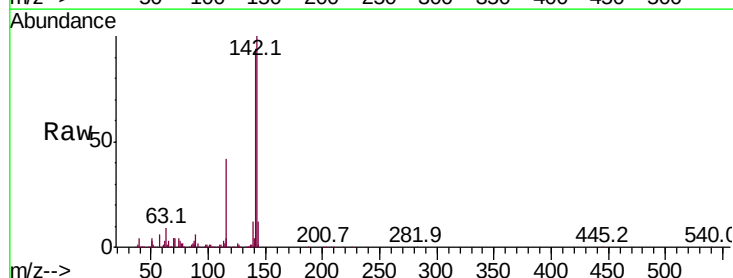
Tgt Ion:142 Resp: 661118

Ion Ratio Lower Upper

142 100

141 93.6 72.2 108.2

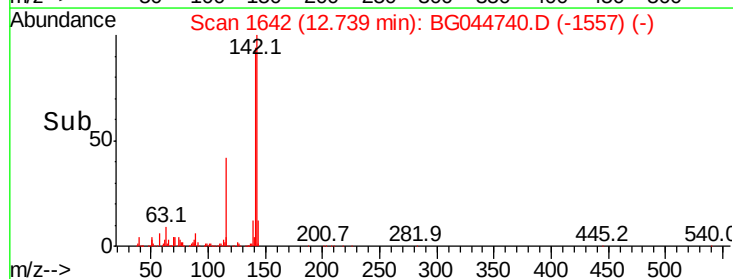
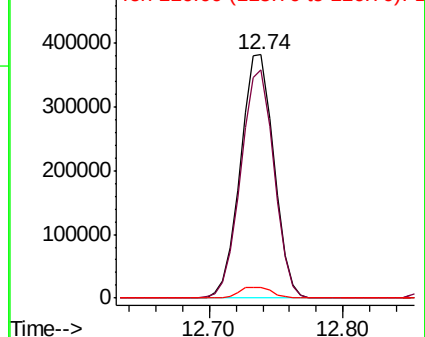
116 4.1 3.5 5.3

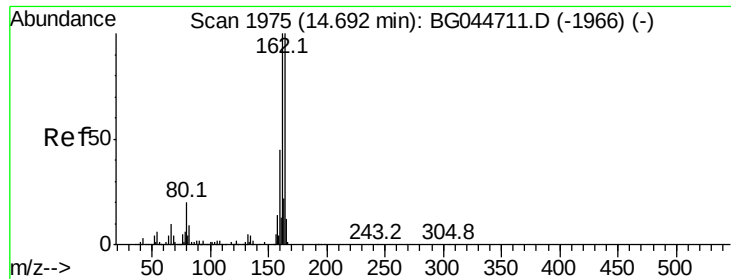


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.69 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

Instrument :

BNA_G

ClientSampleId :

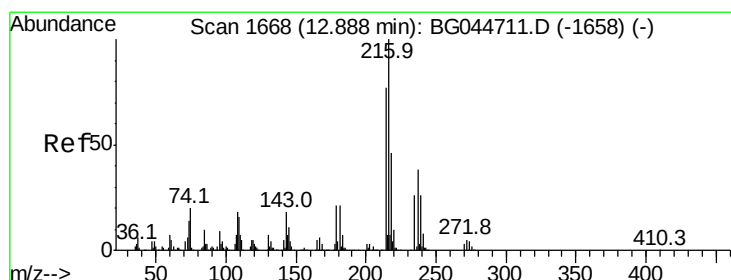
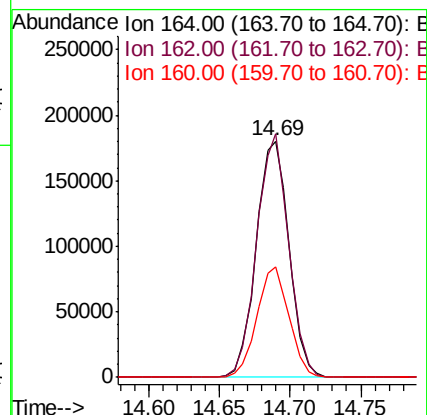
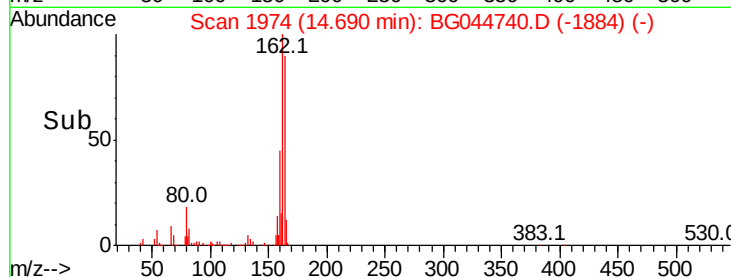
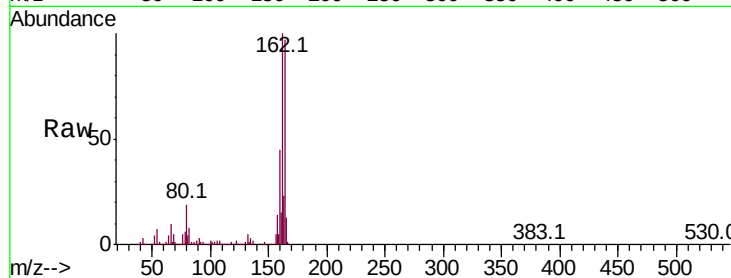
Tot Ion:164 Resp: 293840

Ion Ratio Lower Upper

164 100

162 103.1 80.2 120.4

160 46.5 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.270 ng

RT: 12.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

Tgt Ion:216 Resp: 360662

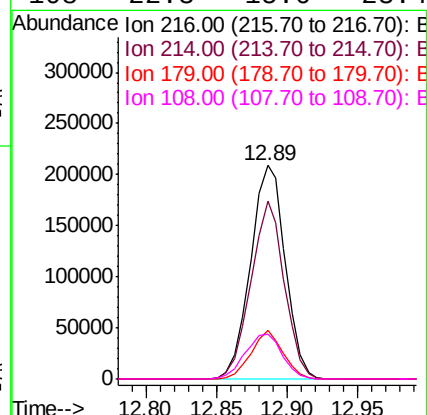
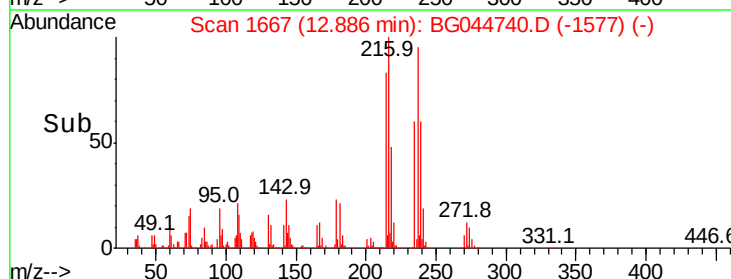
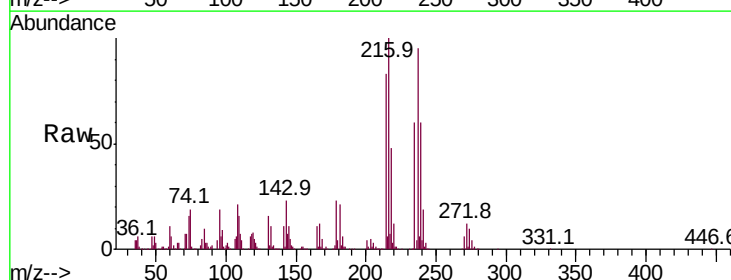
Ion Ratio Lower Upper

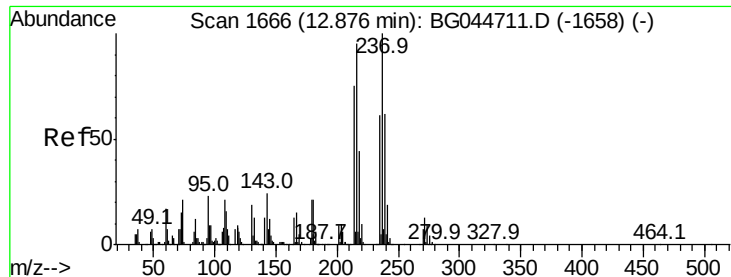
216 100

214 79.8 63.0 94.4

179 20.9 16.6 24.8

108 22.3 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 93.317 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

Instrument :

BNA_G

ClientSampleId :

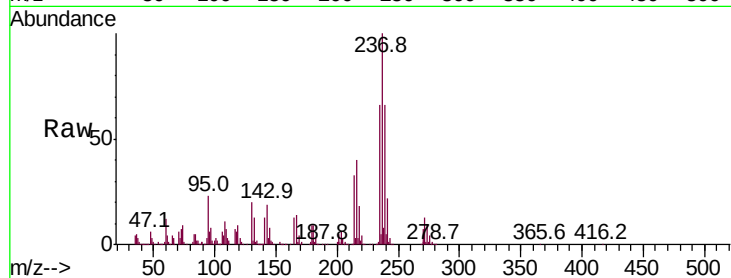
Tot Ion:237 Resp: 493510

Ion Ratio Lower Upper

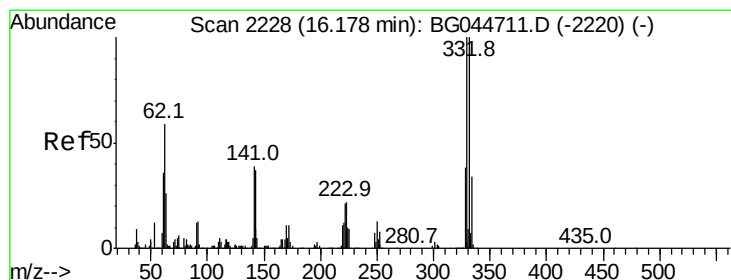
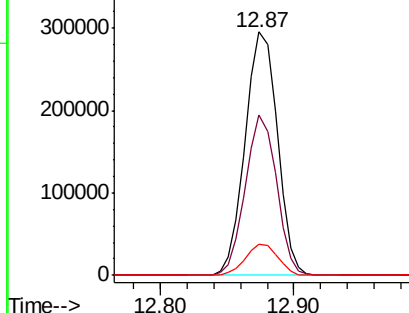
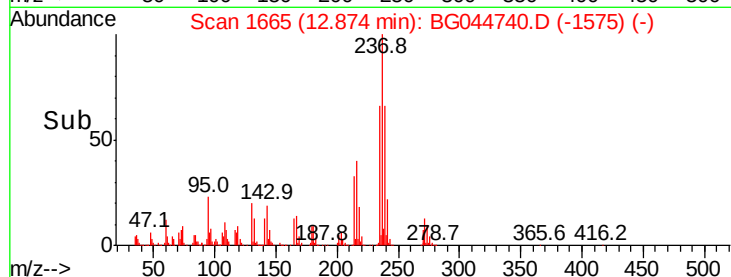
237 100

235 66.0 40.6 80.6

272 12.9 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E
400000
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 100.599 ng

RT: 16.18 min Scan# 2227

Delta R.T. -0.00 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

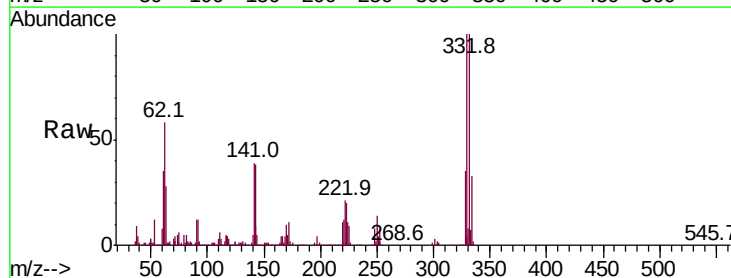
Tgt Ion:330 Resp: 387044

Ion Ratio Lower Upper

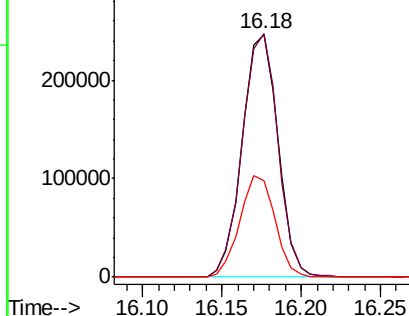
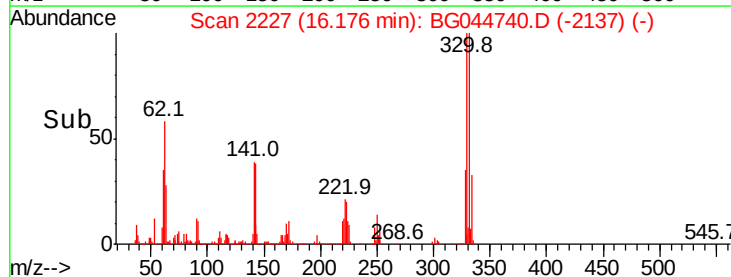
330 100

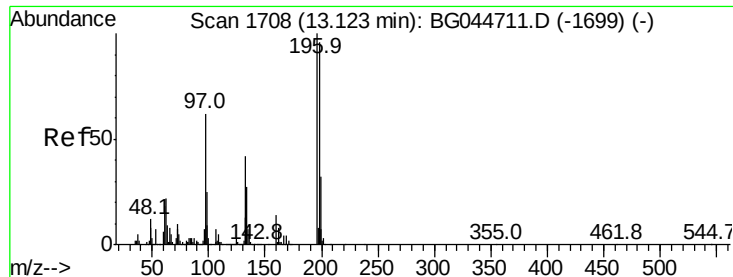
332 100.1 77.5 116.3

141 41.2 31.7 47.5



Abundance Ion 329.80 (329.50 to 330.50): E
300000
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

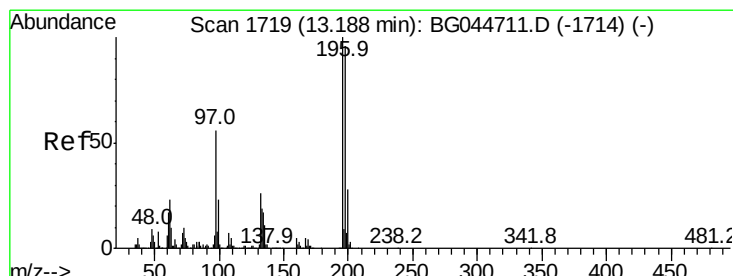
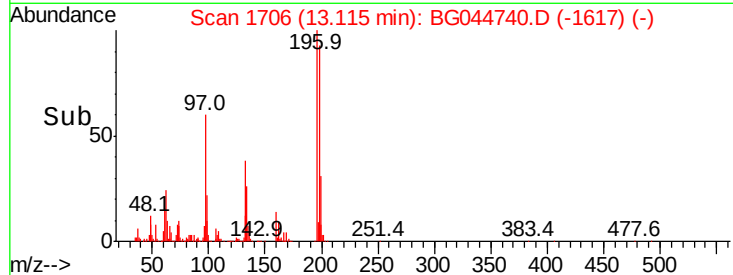
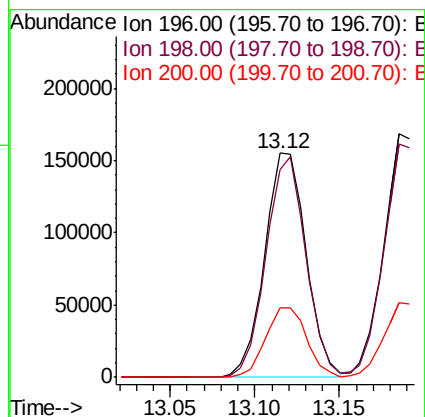
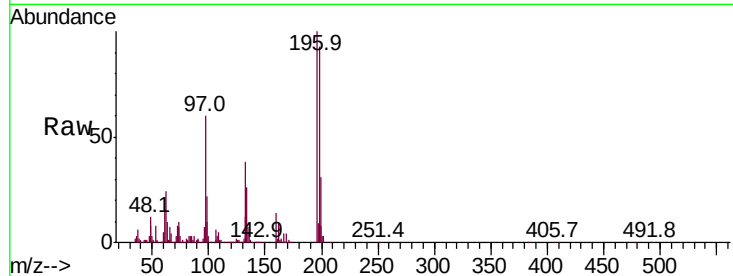




#43
 2,4,6-Trichlorophenol
 Concen: 41.274 ng
 RT: 13.12 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG044740.D
 Acq: 12 Mar 2020 18:10

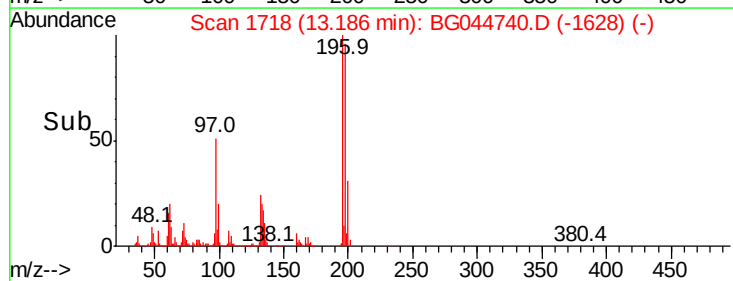
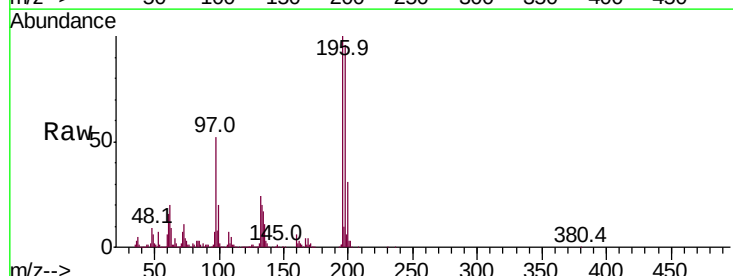
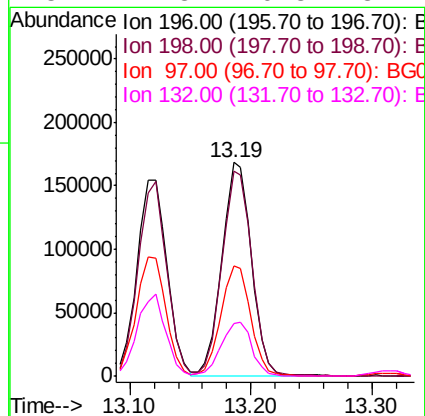
Instrument :
 BNA_G
 ClientSampled :

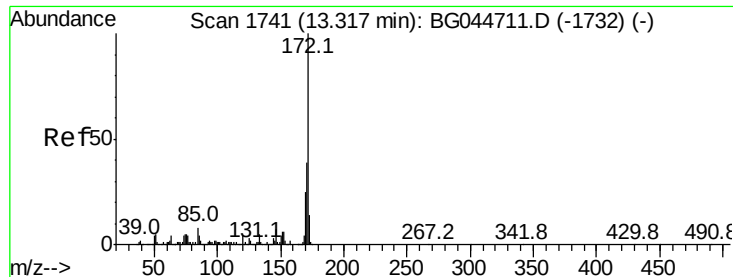
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.0	76.5	114.7
200	31.1	25.9	38.9



#44
 2,4,5-Trichlorophenol
 Concen: 42.863 ng
 RT: 13.19 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG044740.D
 Acq: 12 Mar 2020 18:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	77.3	115.9
97	51.6	44.9	67.3
132	24.3	20.8	31.2

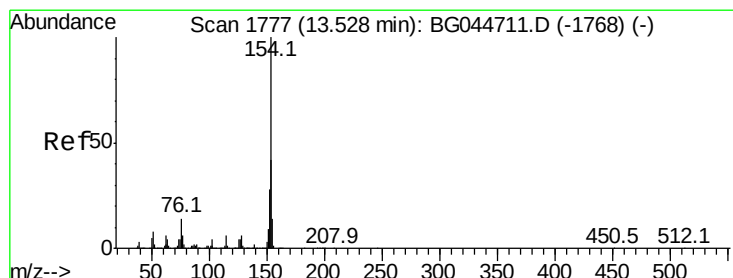
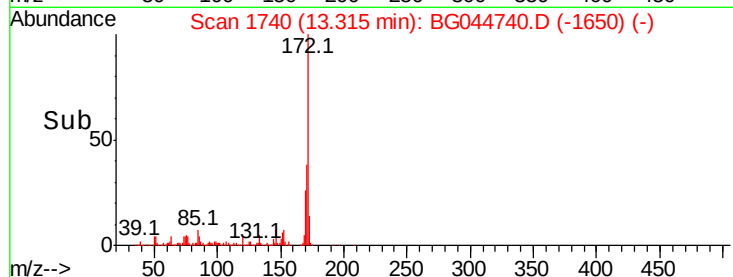
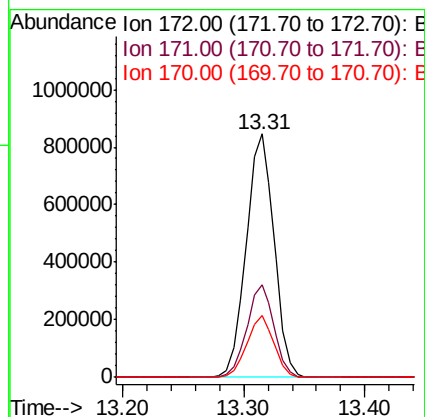
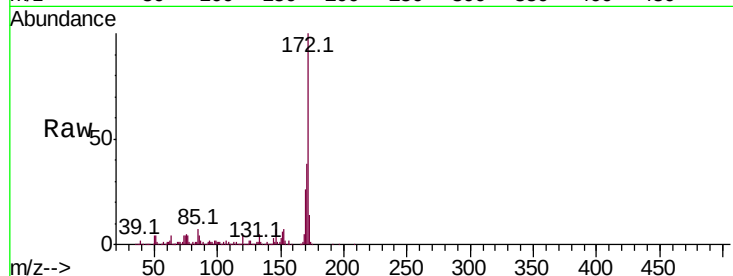




#45
2-Fluorobiphenyl
Concen: 66.149 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG044740.D
Acq: 12 Mar 2020 18:10

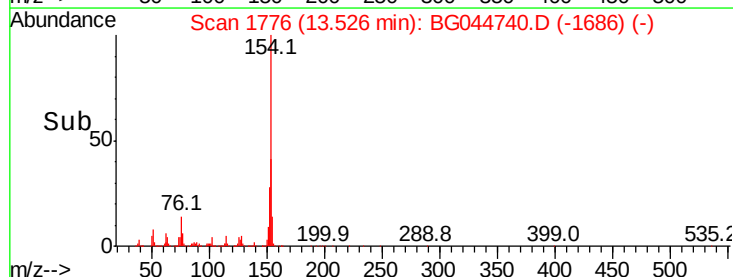
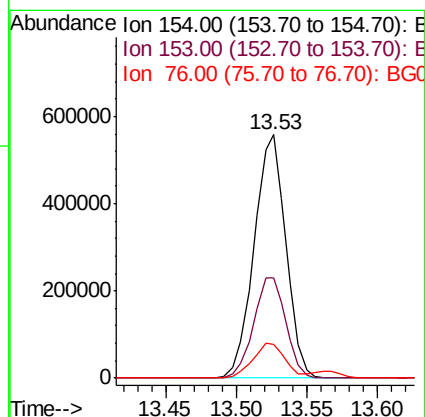
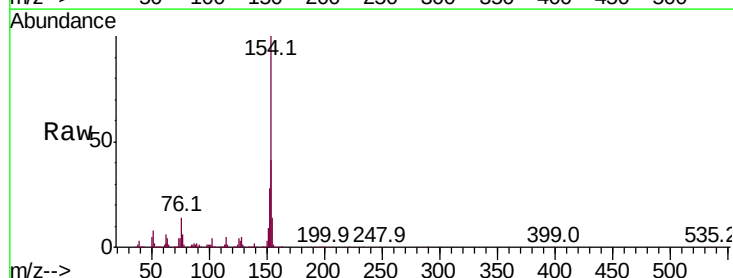
Instrument :
BNA_G
ClientSampled :

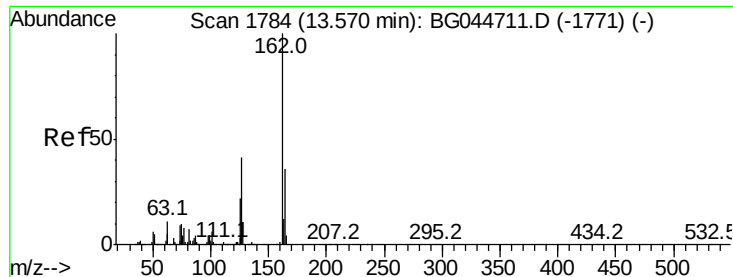
Tot Ion:172 Resp: 1357321
Ion Ratio Lower Upper
172 100
171 38.1 30.8 46.2
170 25.6 20.0 30.0



#46
1,1'-Biphenyl
Concen: 37.464 ng
RT: 13.53 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BG044740.D
Acq: 12 Mar 2020 18:10

Tgt Ion:154 Resp: 879720
Ion Ratio Lower Upper
154 100
153 41.2 22.0 62.0
76 14.0 0.0 34.2

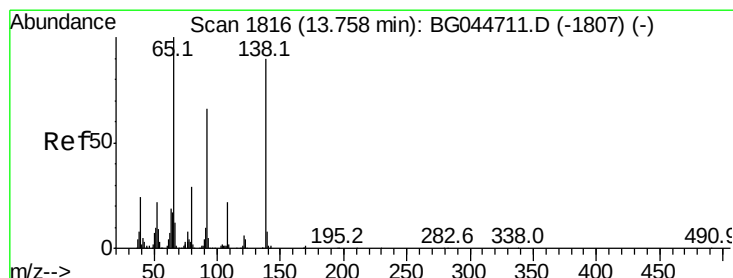
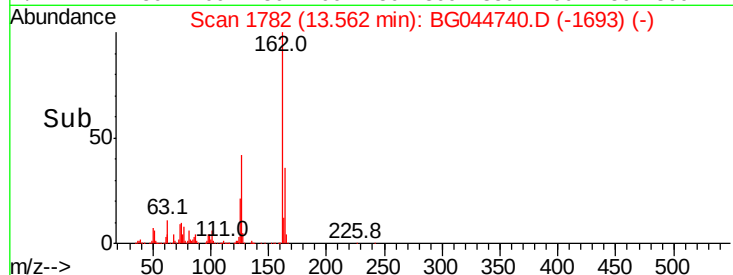
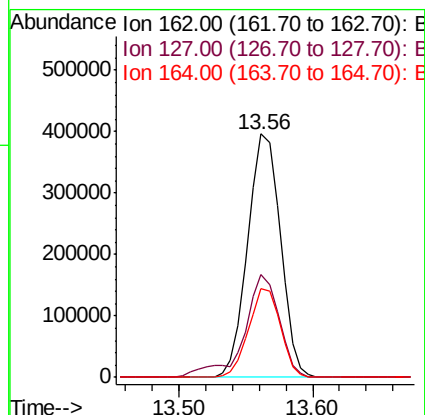
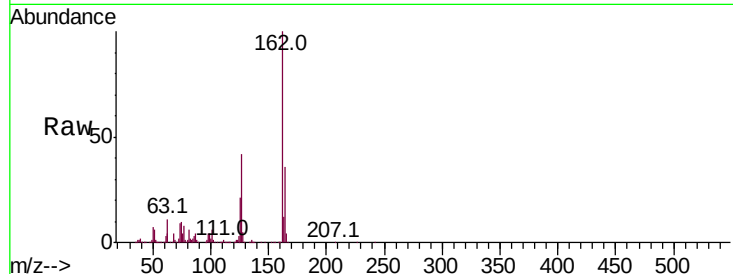




#47
2-Chloronaphthalene
Concen: 37.420 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BG044740.D
Acq: 12 Mar 2020 18:10

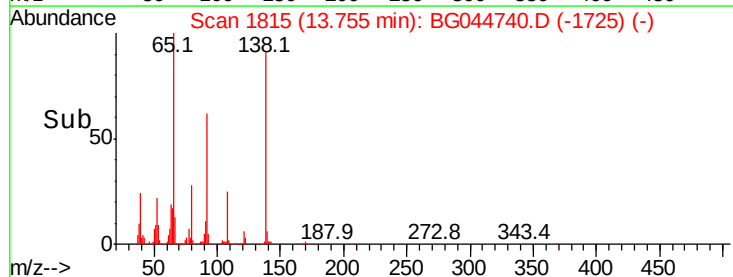
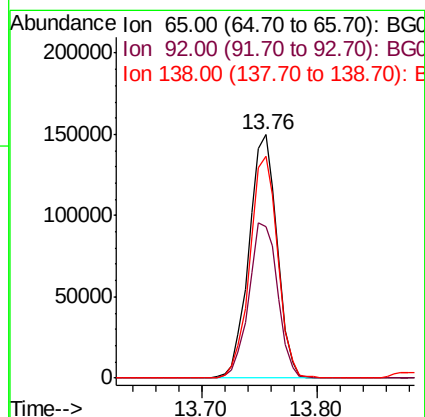
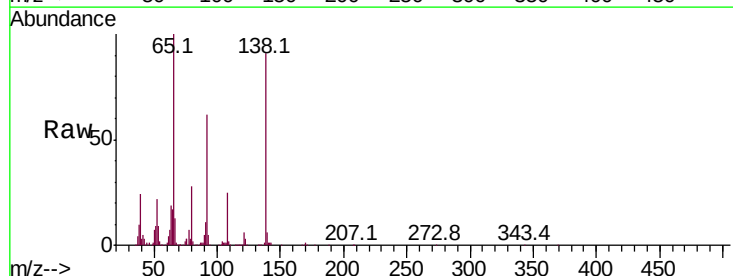
Instrument :
BNA_G
ClientSampleId :

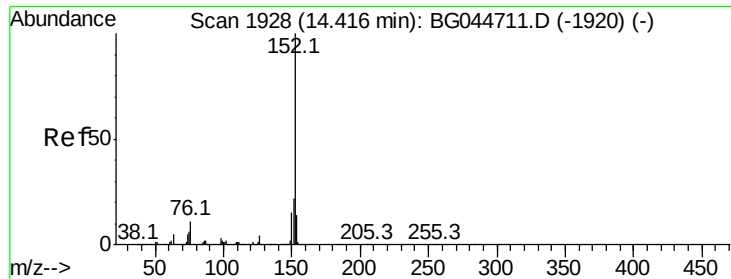
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.0	32.6	48.8
164	36.3	29.0	43.4



#48
2-Nitroaniline
Concen: 40.340 ng
RT: 13.76 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BG044740.D
Acq: 12 Mar 2020 18:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.2	52.6	79.0
138	91.3	71.8	107.6





#49

Acenaphthylene

Concen: 39.654 ng

RT: 14.41 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

Instrument :

BNA_G

ClientSampleId :

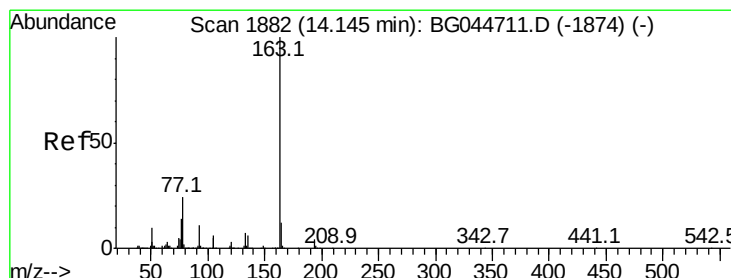
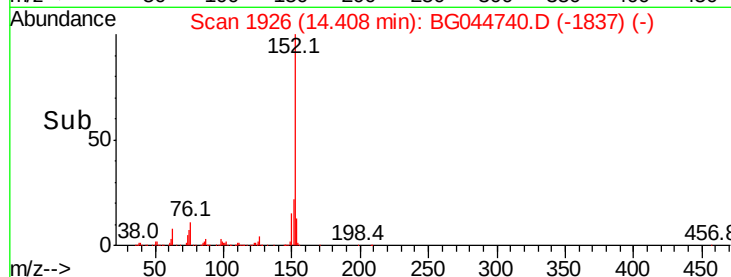
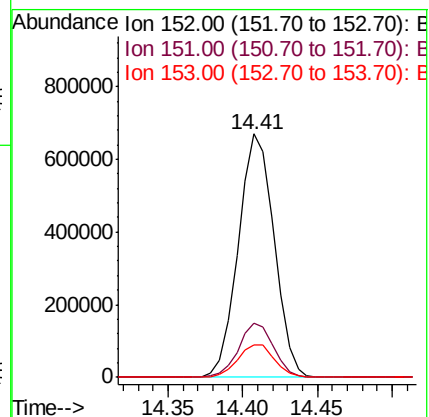
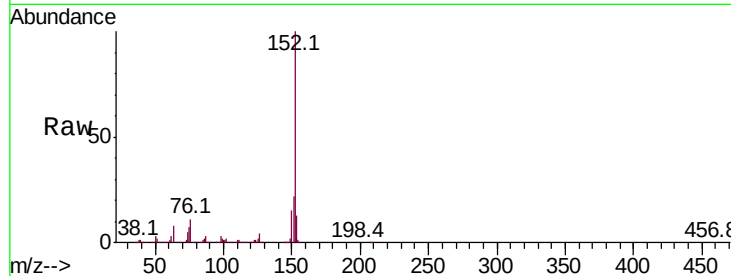
Tot Ion:152 Resp: 1114372

Ion Ratio Lower Upper

152 100

151 22.2 17.8 26.8

153 13.1 11.4 17.0



#50

Dimethylphthalate

Concen: 44.497 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

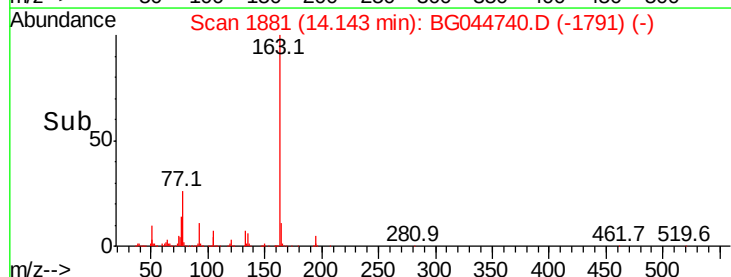
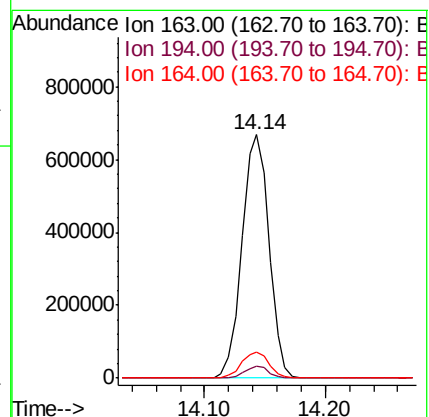
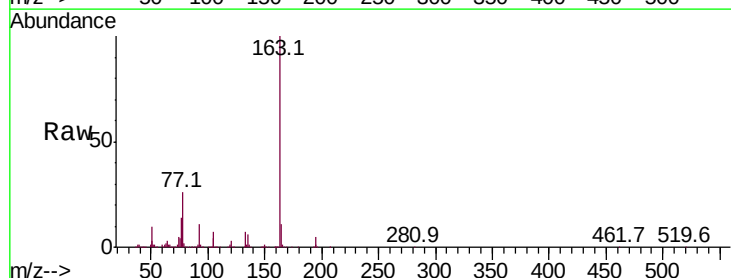
Tgt Ion:163 Resp: 1041360

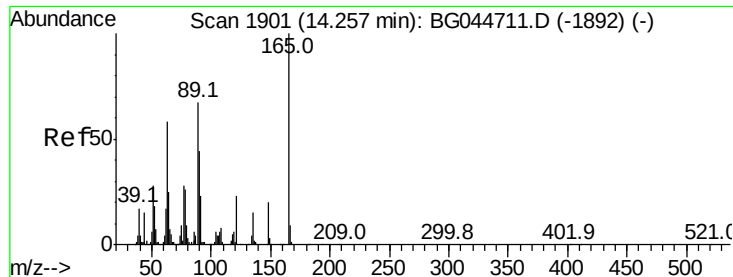
Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

164 10.6 9.2 13.8





#51

2,6-Dinitrotoluene

Concen: 42.588 ng

RT: 14.25 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

Instrument :

BNA_G

ClientSampleId :

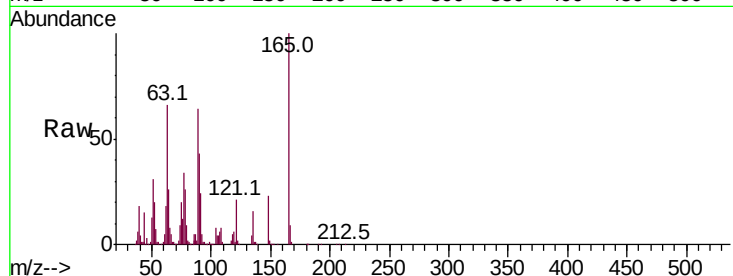
Tot Ion:165 Resp: 200901

Ion Ratio Lower Upper

165 100

63 66.4 48.9 73.3

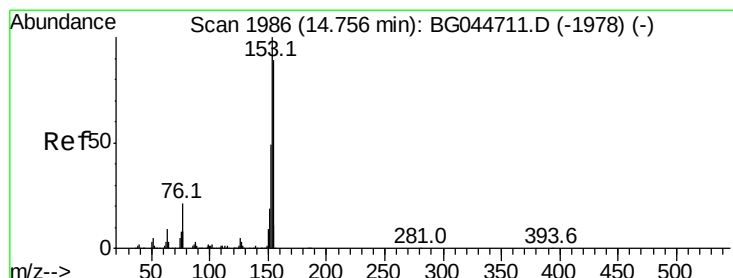
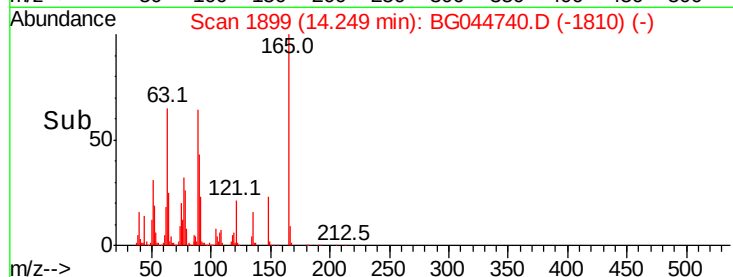
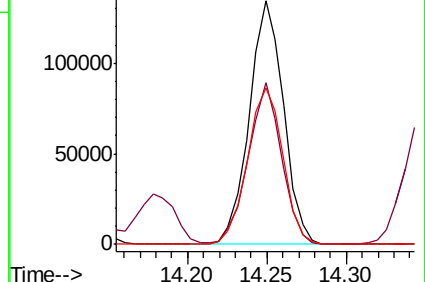
89 64.4 53.8 80.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 42.098 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

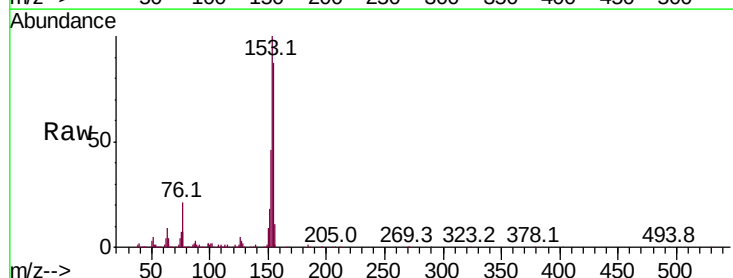
Tgt Ion:154 Resp: 774791

Ion Ratio Lower Upper

154 100

153 115.3 89.8 134.8

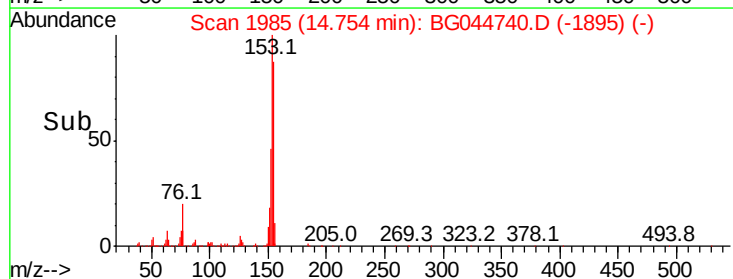
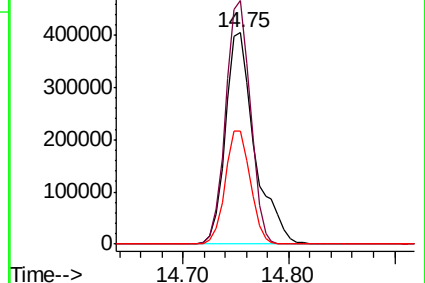
152 53.5 44.4 66.6

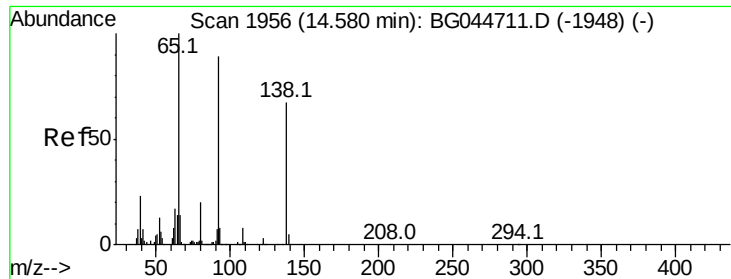


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 17.214 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

Instrument :

BNA_G

ClientSampleId :

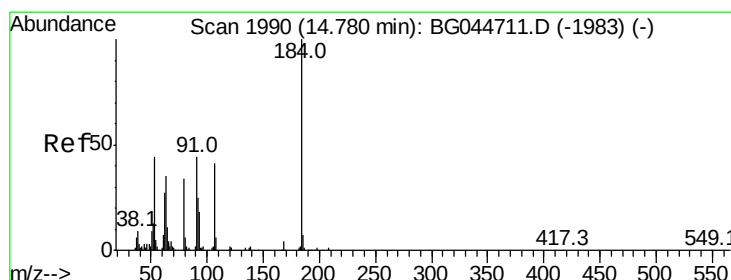
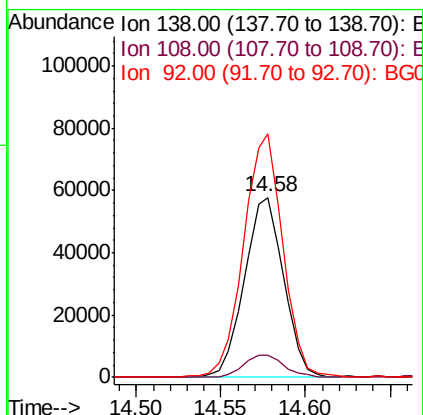
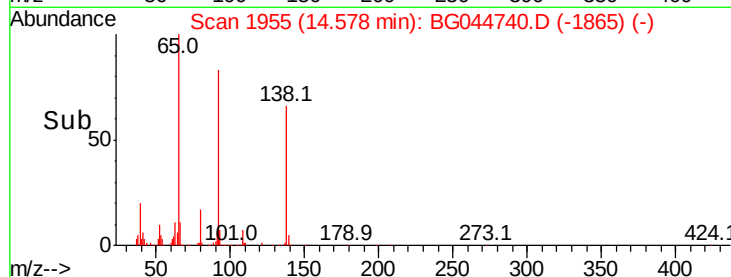
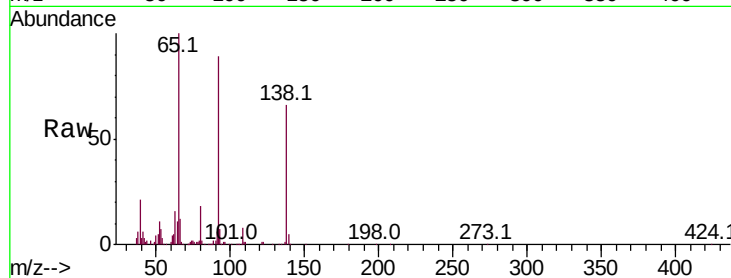
Tot Ion:138 Resp: 93361

Ion Ratio Lower Upper

138 100

108 12.3 9.2 13.8

92 135.4 105.6 158.4



#54

2,4-Dinitrophenol

Concen: 79.134 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

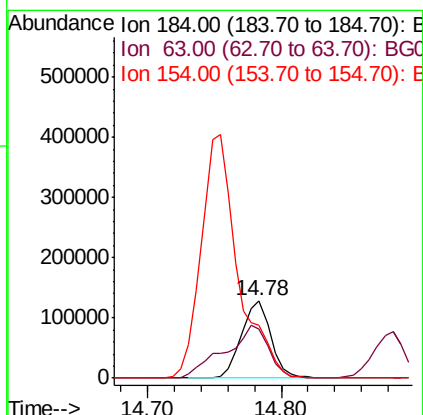
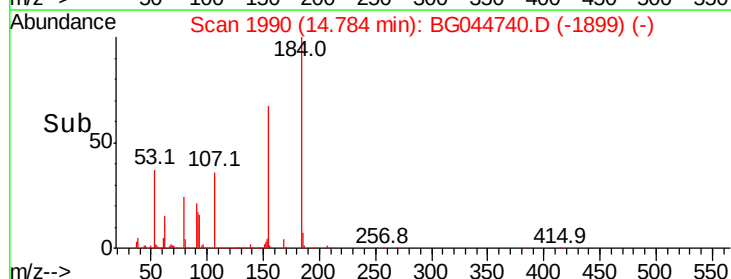
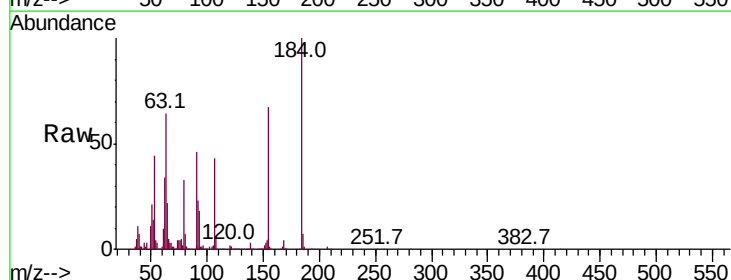
Tgt Ion:184 Resp: 194822

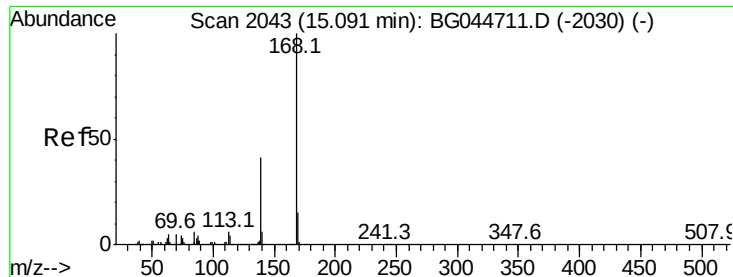
Ion Ratio Lower Upper

184 100

63 63.7 49.0 73.6

154 67.3 94.5 141.7#





#55

Dibenzofuran

Concen: 39.122 ng

RT: 15.09 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

Instrument :

BNA_G

ClientSampleId :

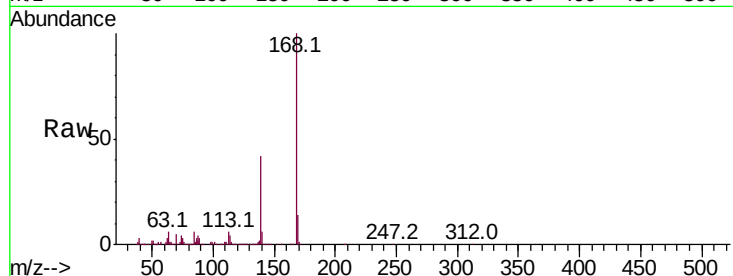
Tot Ion:168 Resp: 1044124

Ion Ratio Lower Upper

168 100

139 41.7 32.6 49.0

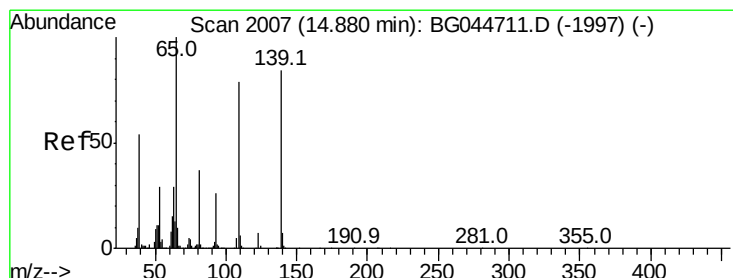
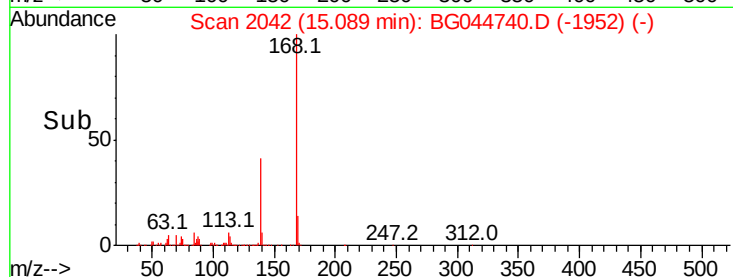
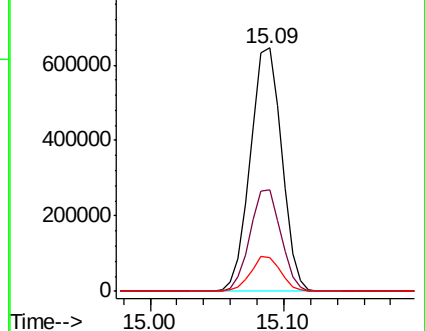
169 14.1 11.8 17.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 84.170 ng

RT: 14.88 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

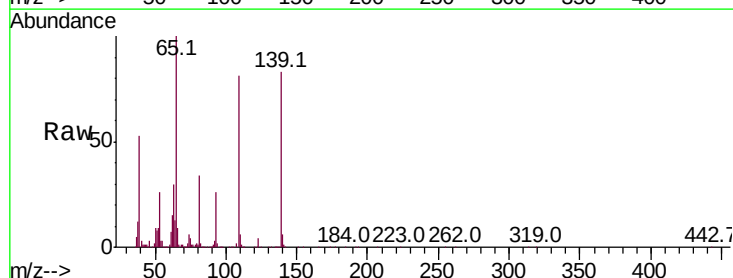
Tgt Ion:139 Resp: 348392

Ion Ratio Lower Upper

139 100

109 97.4 74.1 114.1

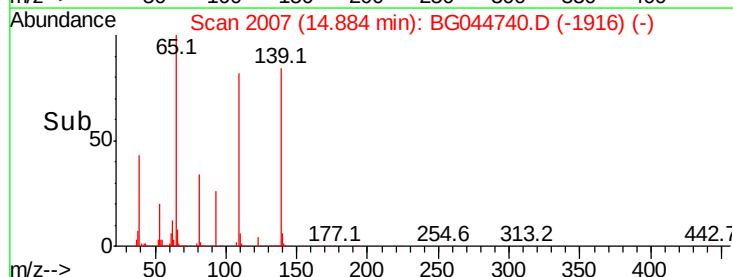
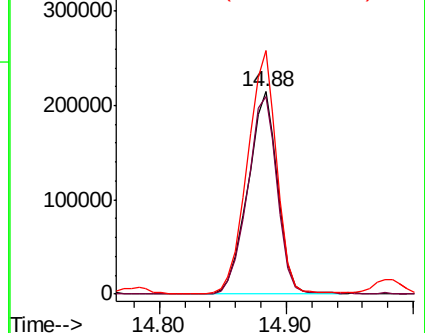
65 120.4 98.6 138.6

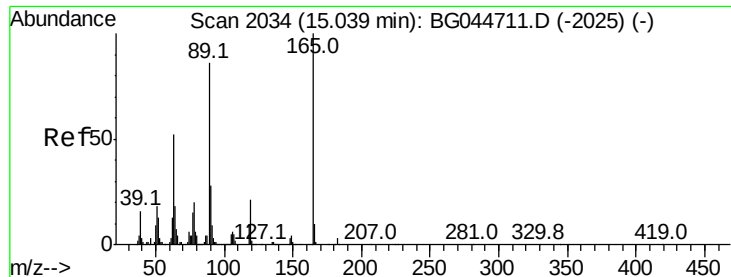


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

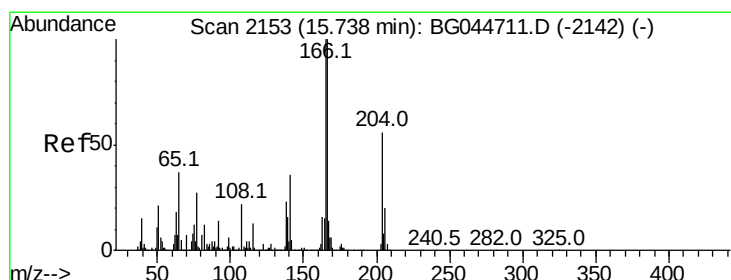
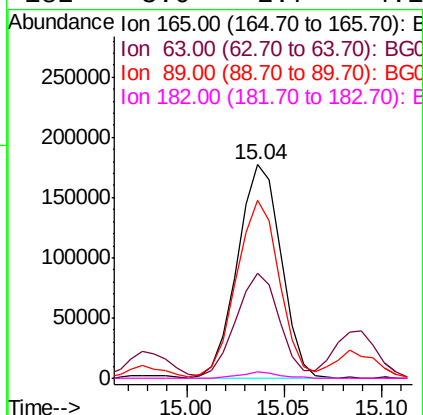
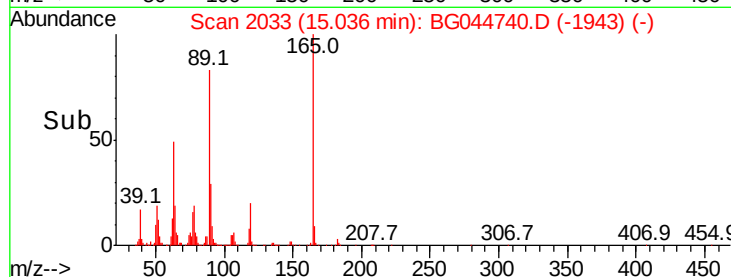
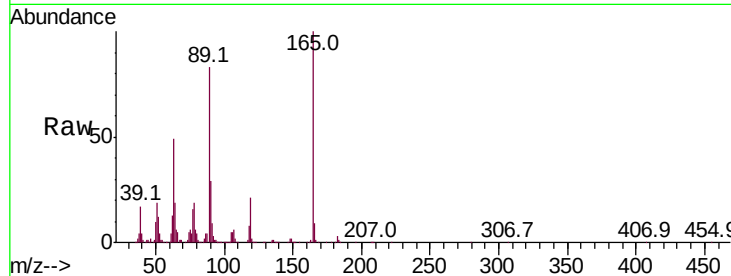




#57
2,4-Dinitrotoluene
Concen: 42.161 ng
RT: 15.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG044740.D
Acq: 12 Mar 2020 18:10

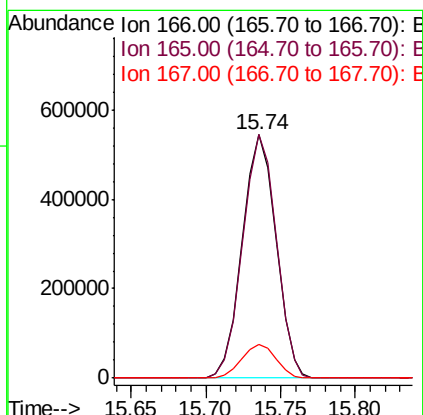
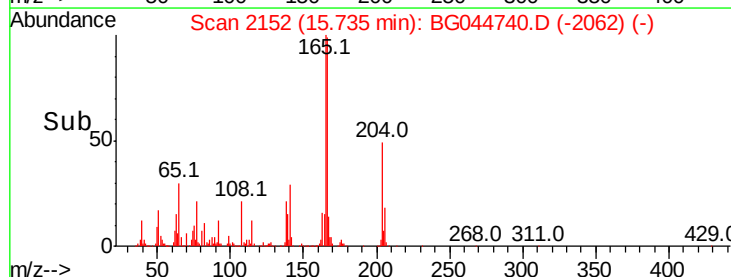
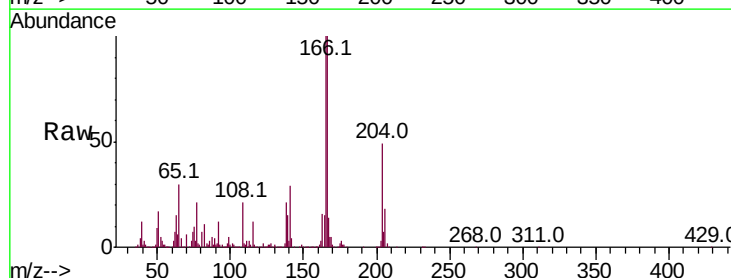
Instrument :
BNA_G
ClientSampleId :

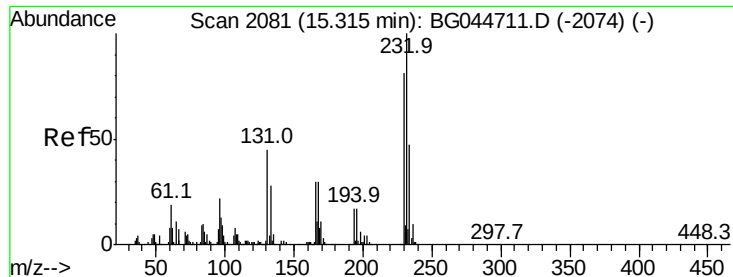
Tot Ion:165 Resp: 272772
Ion Ratio Lower Upper
165 100
63 48.9 41.5 62.3
89 83.1 69.0 103.4
182 3.0 2.7 4.1



#58
Fluorene
Concen: 38.951 ng
RT: 15.74 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG044740.D
Acq: 12 Mar 2020 18:10

Tgt Ion:166 Resp: 855140
Ion Ratio Lower Upper
166 100
165 100.1 79.6 119.4
167 14.1 11.4 17.2

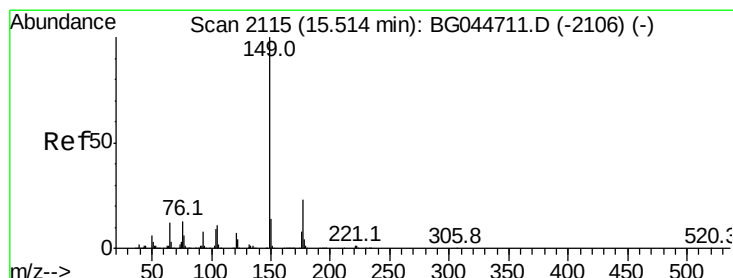
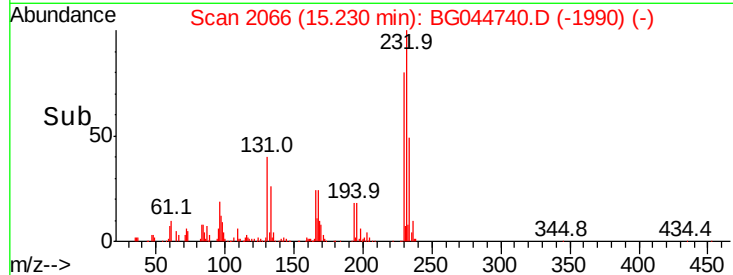
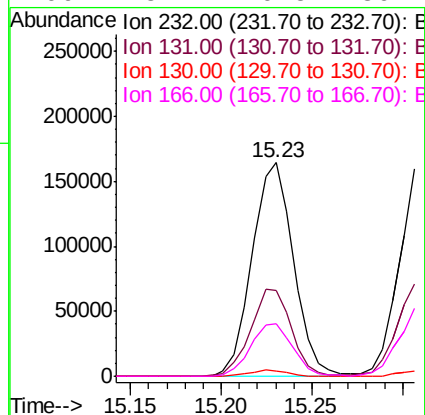
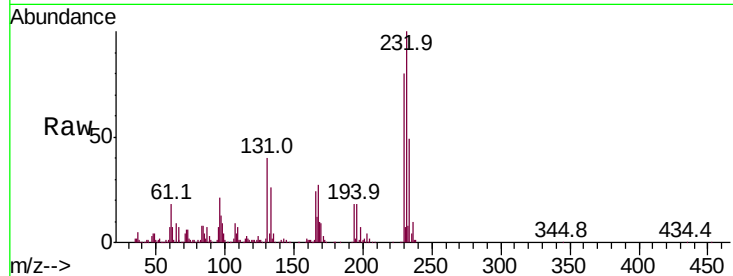




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.361 ng
RT: 15.23 min Scan# 2066
Delta R.T. -0.08 min
Lab File: BG044740.D
Acq: 12 Mar 2020 18:10

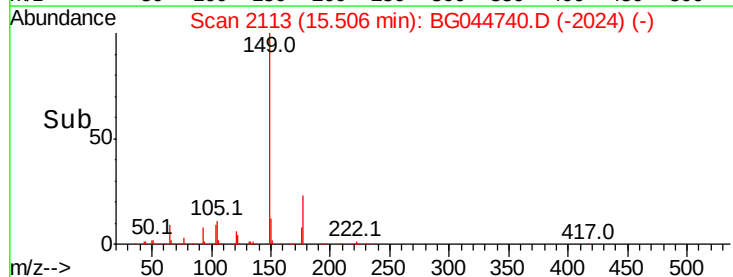
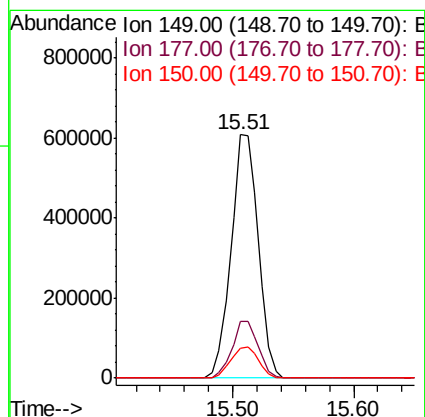
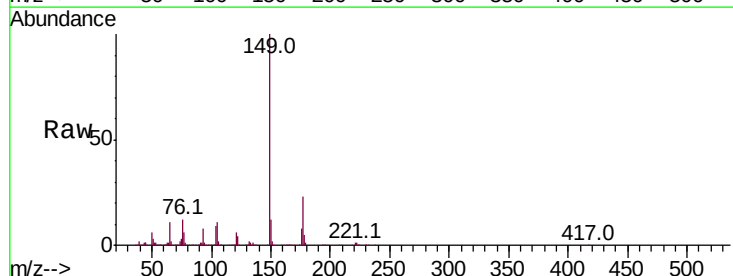
Instrument :
BNA_G
ClientSampleId :

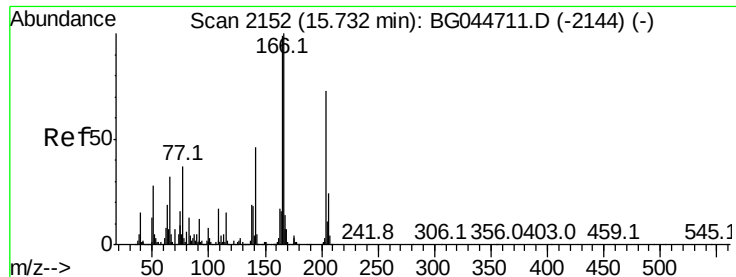
Tot Ion:	232	Resp:	259751
Ion	Ratio	Lower	Upper
232	100		
131	40.2	32.4	48.6
130	2.6	2.0	3.0
166	25.1	20.5	30.7



#60
Diethylphthalate
Concen: 38.779 ng
RT: 15.51 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BG044740.D
Acq: 12 Mar 2020 18:10

Tgt Ion:	149	Resp:	946563
Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.8	28.2
150	12.4	11.2	16.8

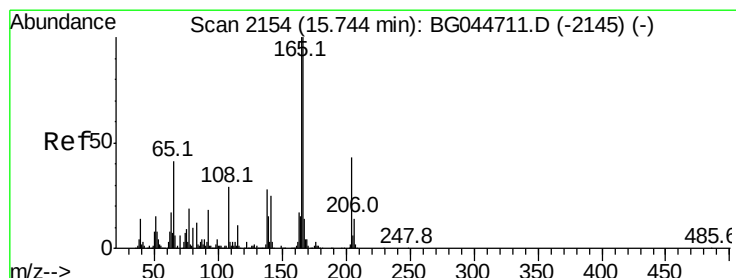
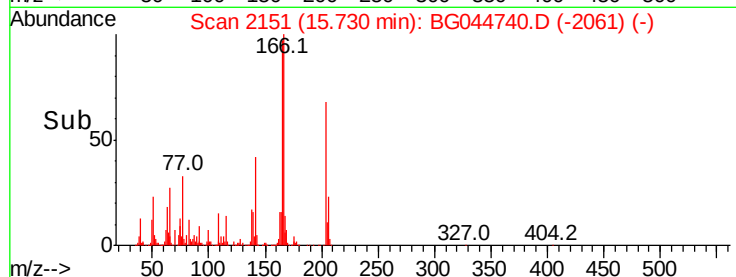
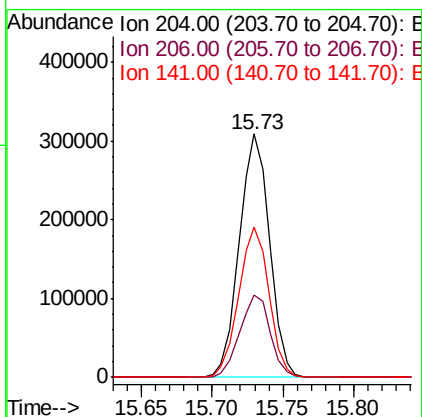
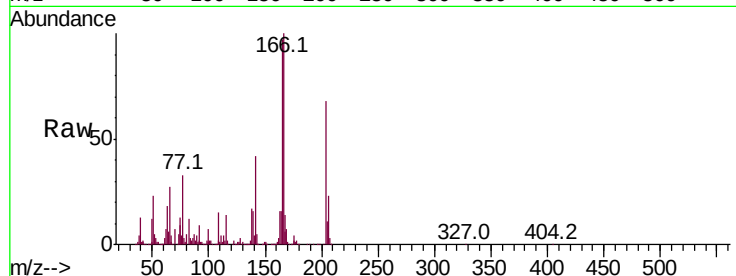




#61
4-Chlorophenyl-phenylether
Concen: 39.087 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG044740.D
Acq: 12 Mar 2020 18:10

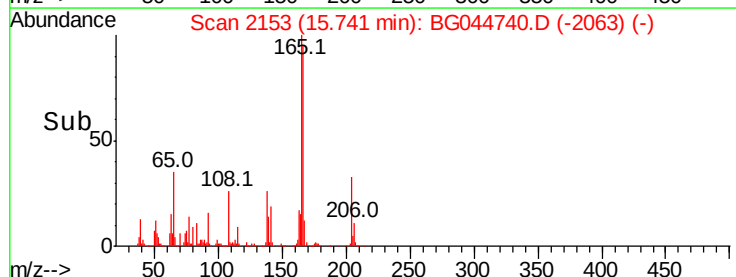
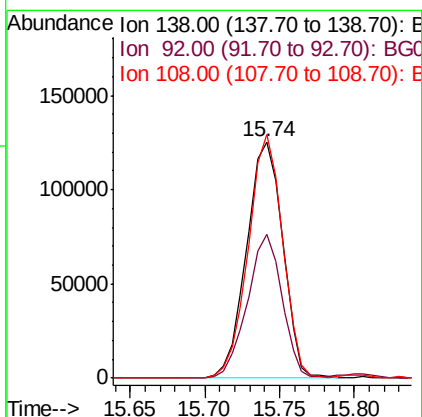
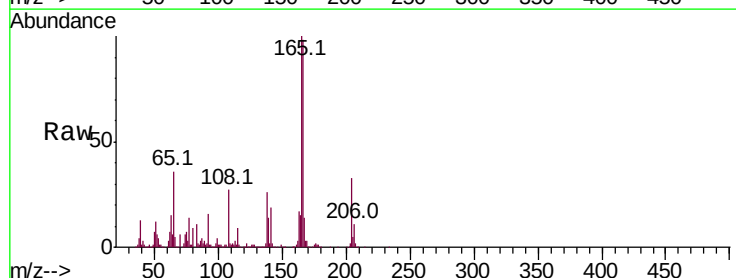
Instrument :
BNA_G
ClientSampleId :

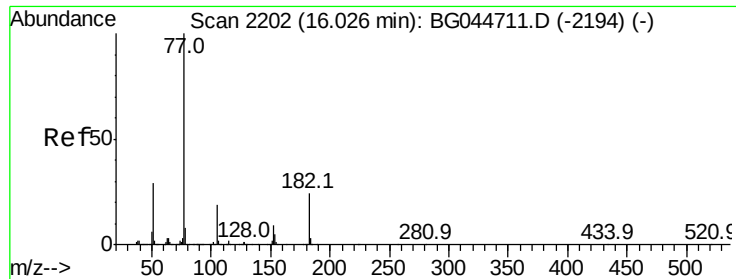
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	25.8	38.6
141	61.9	50.8	76.2



#62
4-Nitroaniline
Concen: 36.267 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG044740.D
Acq: 12 Mar 2020 18:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.8	42.1	82.1
108	103.1	81.2	121.2





#63

Azobenzene

Concen: 39.216 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 994034

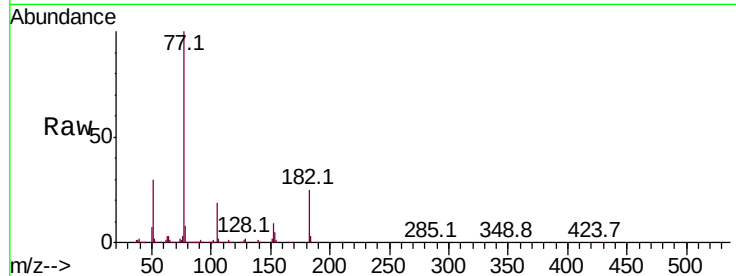
Ion Ratio Lower Upper

77 100

182 24.6 3.6 43.6

105 19.3 0.0 39.3

51 29.8 8.7 48.7

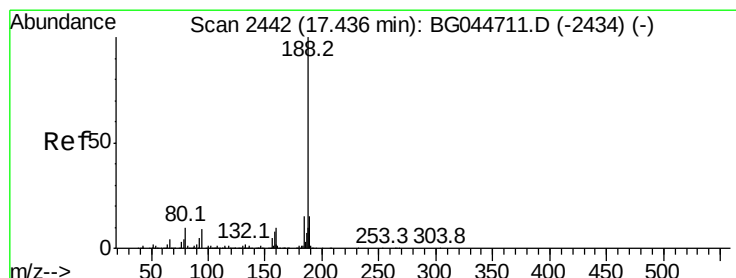
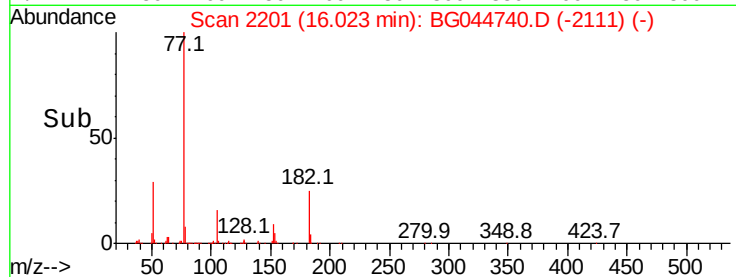
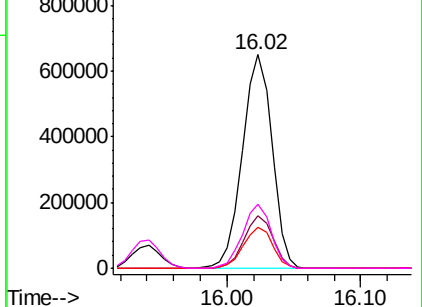


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.43 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

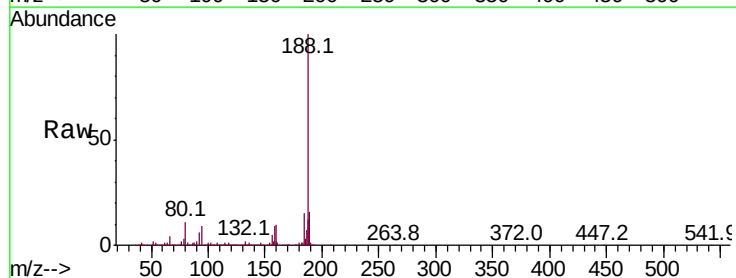
Tgt Ion: 188 Resp: 660271

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.6

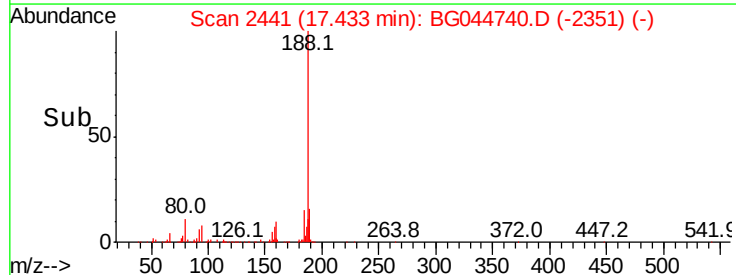
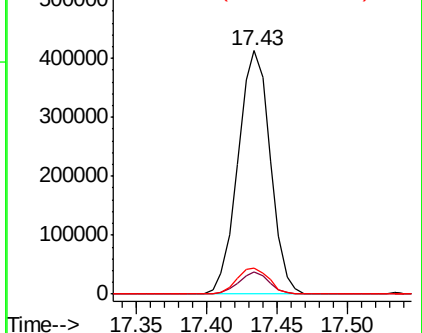
80 10.7 8.4 12.6

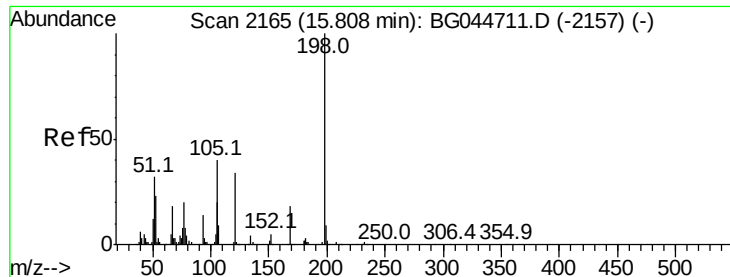


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

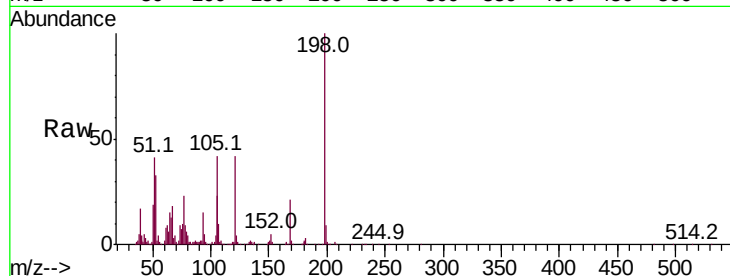




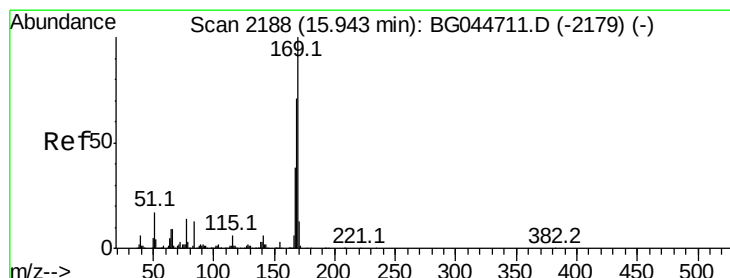
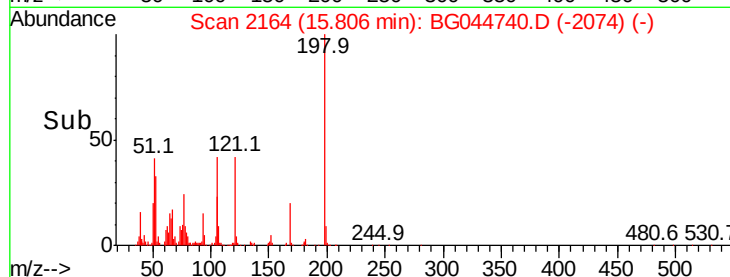
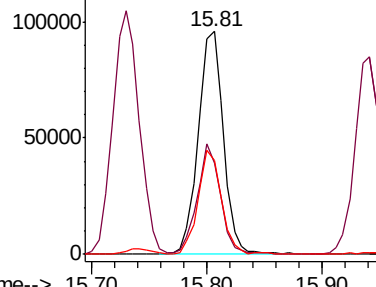
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.825 ng
 RT: 15.81 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: BG044740.D
 Acq: 12 Mar 2020 18:10

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
198	100		
51	41.0	20.1	60.1
105	42.0	21.3	61.3

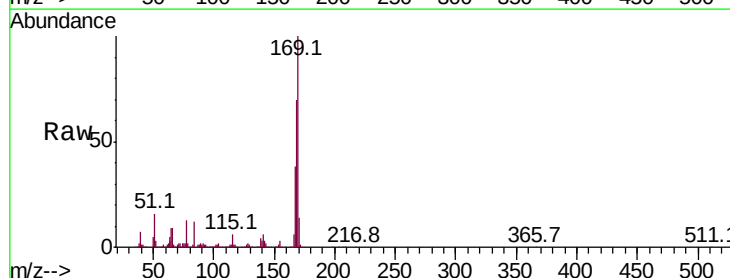


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

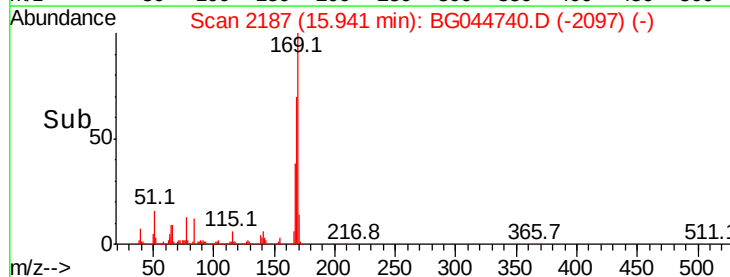
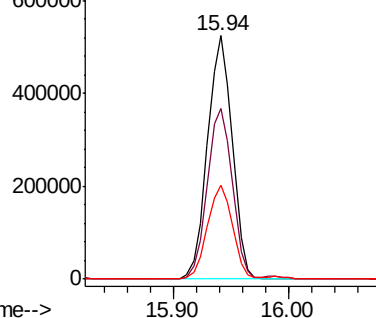


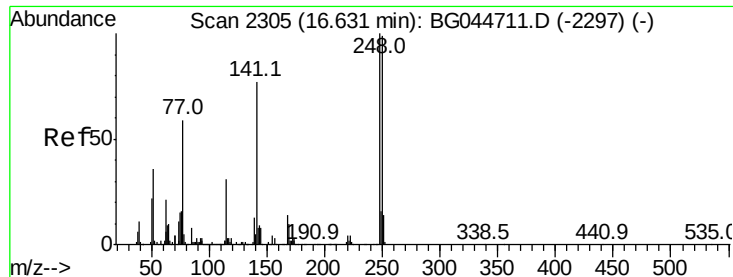
#66
 n-Nitrosodiphenylamine
 Concen: 39.166 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BG044740.D
 Acq: 12 Mar 2020 18:10

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.1	56.6	85.0
167	38.4	30.1	45.1



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

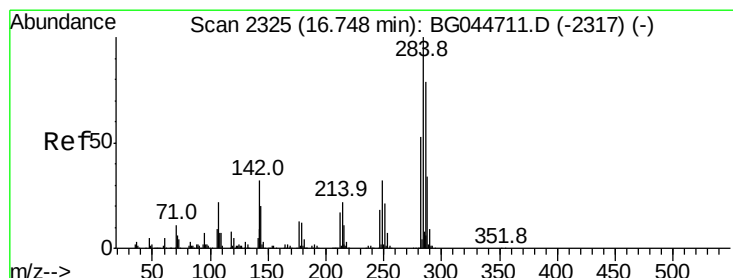
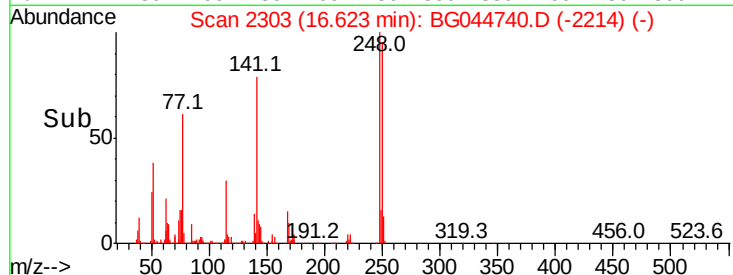
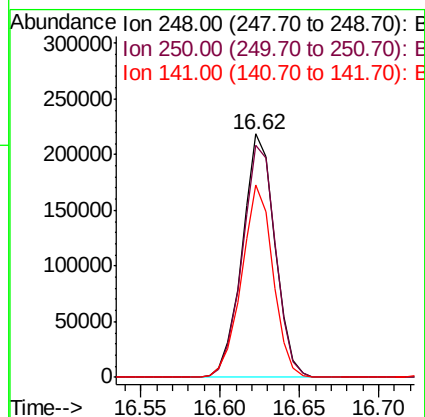
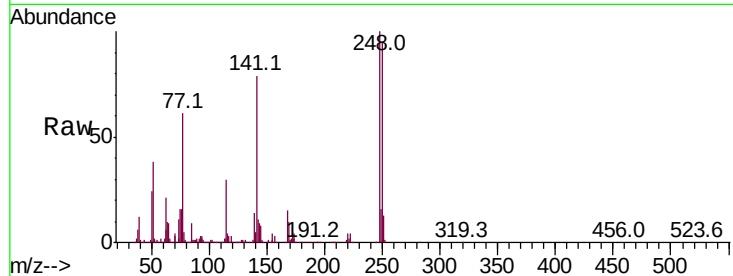




#67
 4-Bromophenyl-phenylether
 Concen: 37.776 ng
 RT: 16.62 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: BG044740.D
 Acq: 12 Mar 2020 18:10

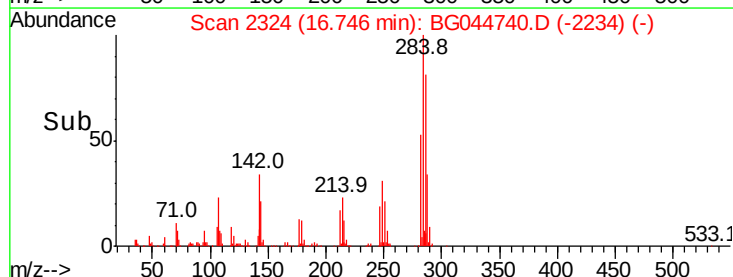
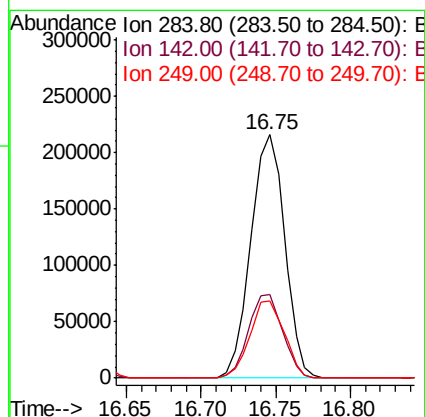
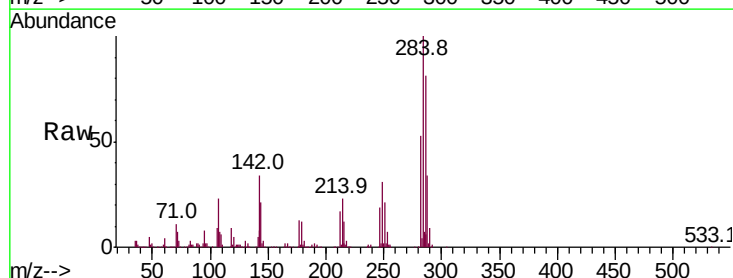
Instrument :
 BNA_G
 ClientSampled :

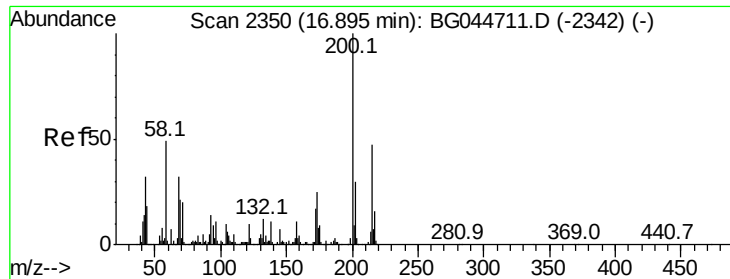
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.4	79.4	119.0
141	79.0	61.7	92.5



#68
 Hexachlorobenzene
 Concen: 37.837 ng
 RT: 16.75 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BG044740.D
 Acq: 12 Mar 2020 18:10

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.1	25.6	38.4
249	31.5	25.8	38.6





#69

Atrazine

Concen: 42.033 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

Instrument :

BNA_G

ClientSampleId :

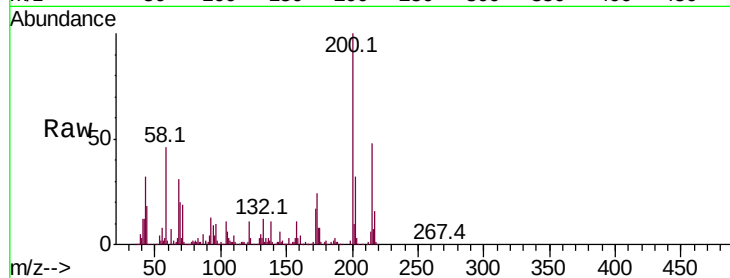
Tot Ion:200 Resp: 306127

Ion Ratio Lower Upper

200 100

173 24.1 4.8 44.8

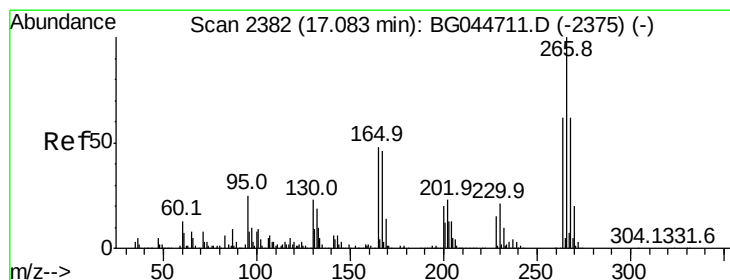
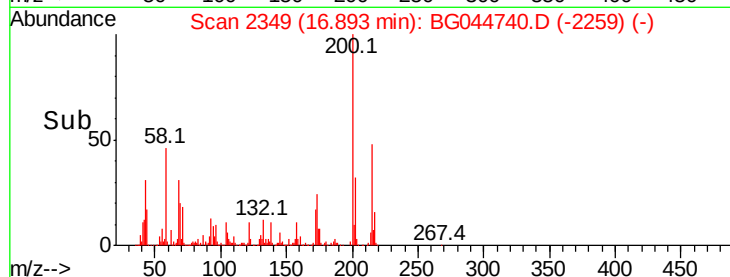
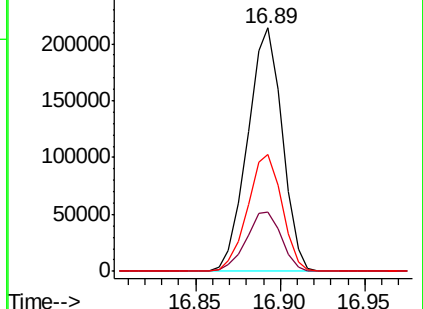
215 48.0 27.4 67.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 84.790 ng

RT: 17.08 min Scan# 2381

Delta R.T. -0.00 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

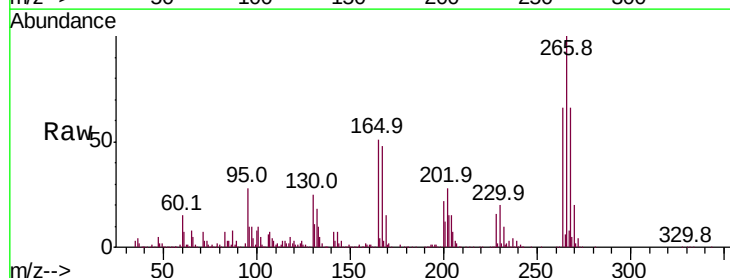
Tgt Ion:266 Resp: 417777

Ion Ratio Lower Upper

266 100

268 65.9 49.9 74.9

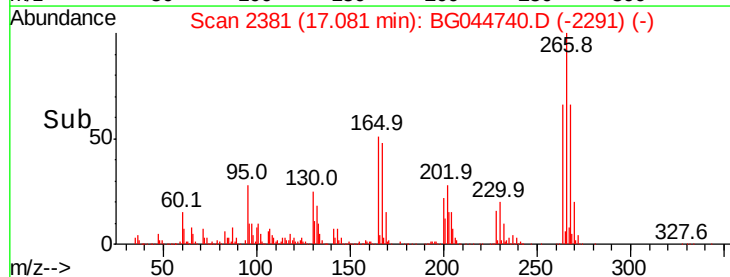
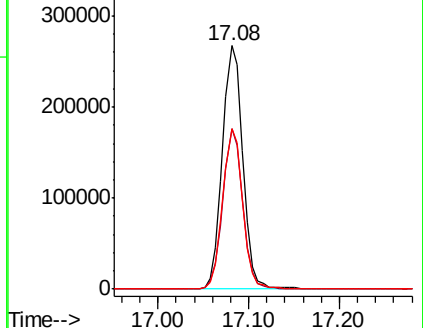
264 65.8 49.9 74.9

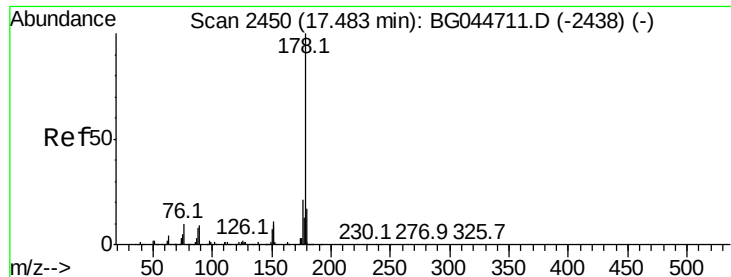


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.217 ng

RT: 17.47 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

Instrument :

BNA_G

ClientSampled :

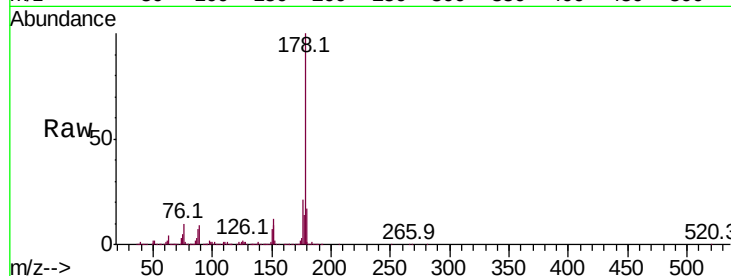
Tot Ion:178 Resp: 1383734

Ion Ratio Lower Upper

178 100

176 20.9 17.0 25.6

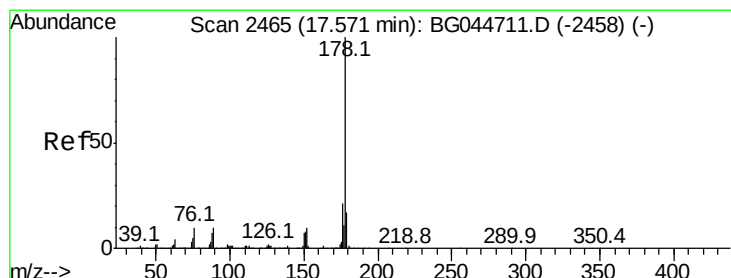
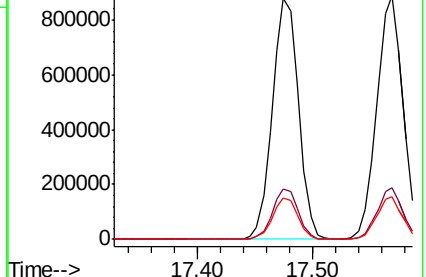
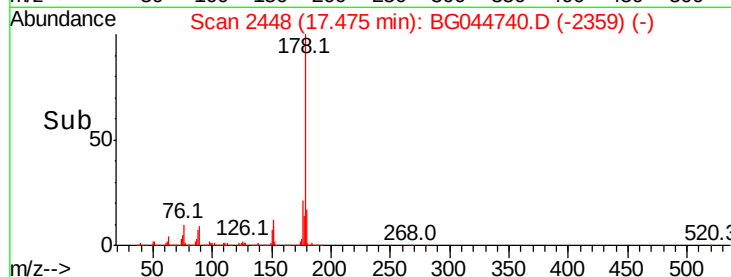
179 17.1 13.7 20.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.171 ng

RT: 17.57 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

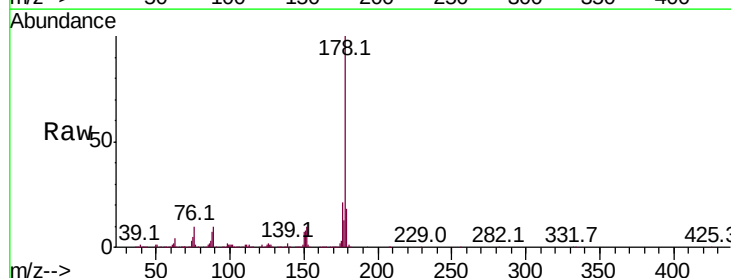
Tgt Ion:178 Resp: 1397634

Ion Ratio Lower Upper

178 100

176 21.2 17.0 25.6

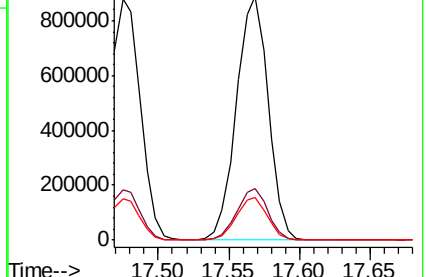
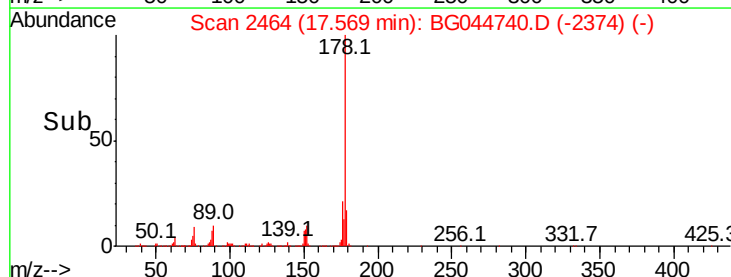
179 17.5 13.8 20.8

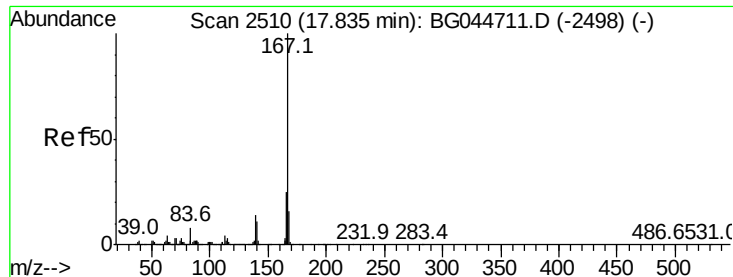


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.595 ng

RT: 17.83 min Scan# 2508

Delta R.T. -0.01 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

Instrument :

BNA_G

ClientSampleId :

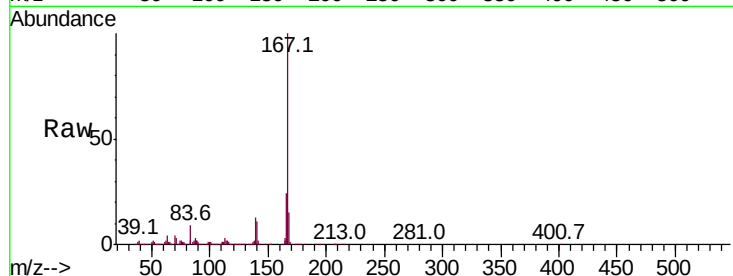
Tot Ion:167 Resp: 1323268

Ion Ratio Lower Upper

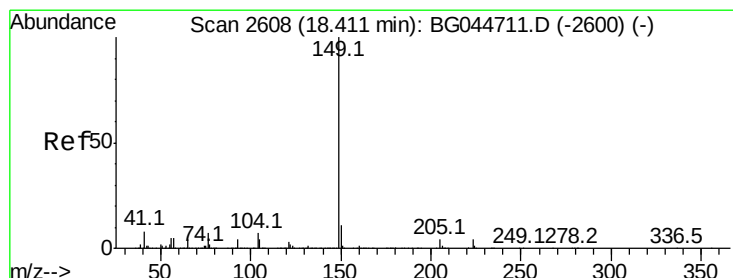
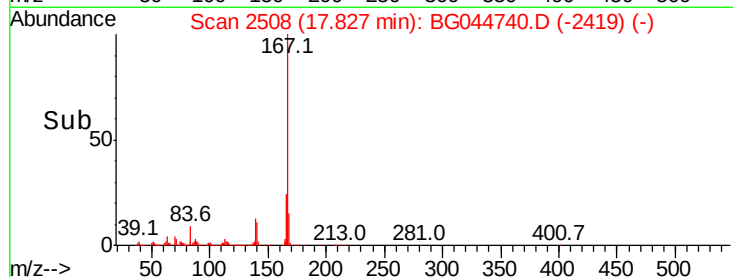
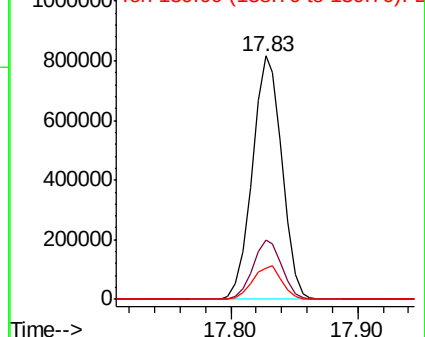
167 100

166 24.1 19.6 29.4

139 12.5 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.011 ng

RT: 18.40 min Scan# 2606

Delta R.T. -0.01 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

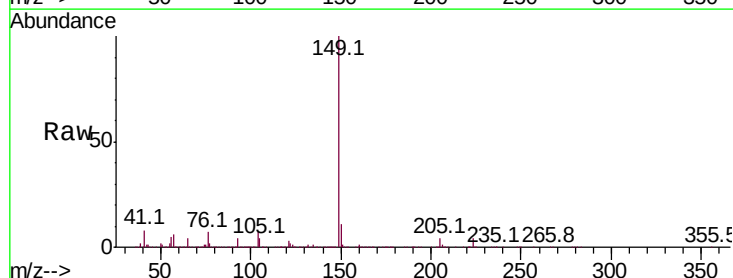
Tgt Ion:149 Resp: 1584839

Ion Ratio Lower Upper

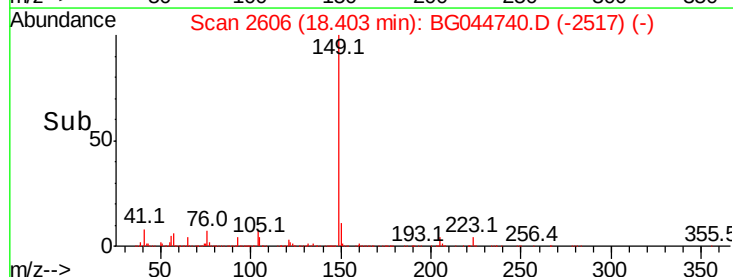
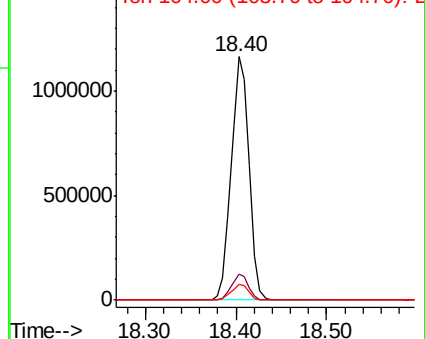
149 100

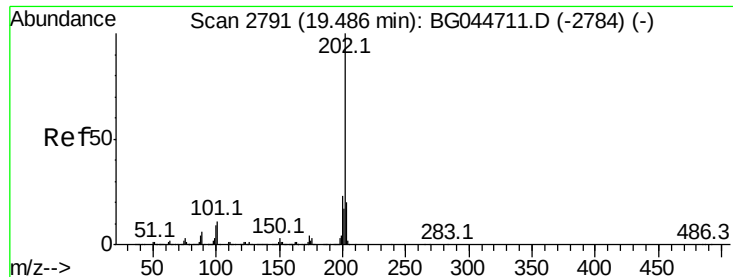
150 10.9 8.4 12.6

104 6.5 5.6 8.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.046 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

Instrument :

BNA_G

ClientSampled :

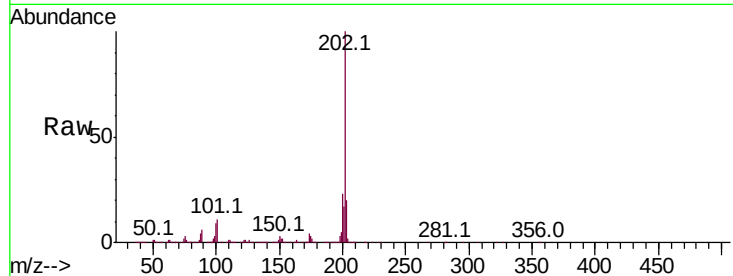
Tot Ion:202 Resp: 1682394

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.3

203 20.1 0.4 40.4

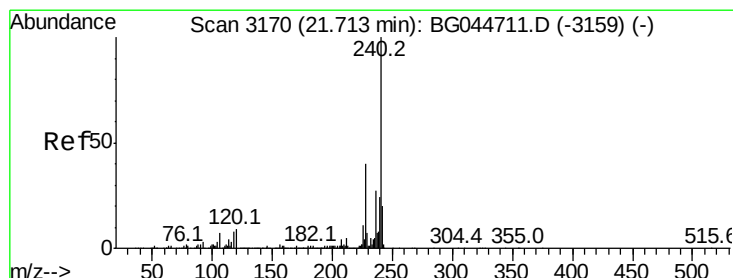
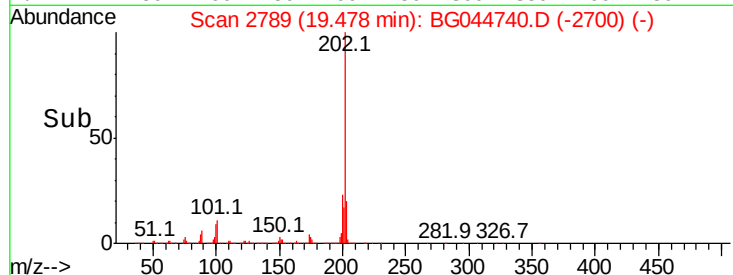
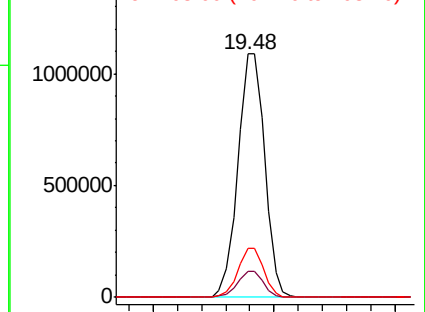


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

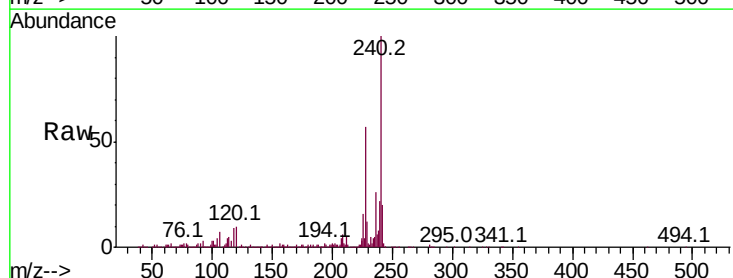
Tgt Ion:240 Resp: 568806

Ion Ratio Lower Upper

240 100

120 10.3 6.9 10.3

236 25.5 21.9 32.9

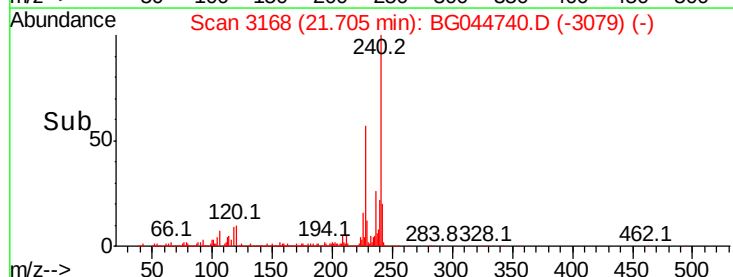
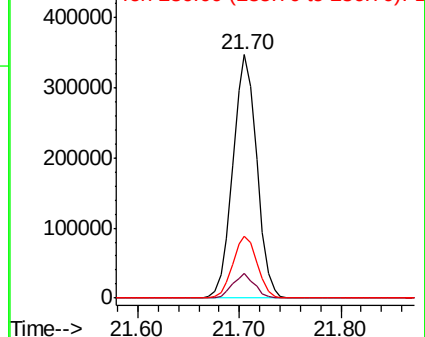


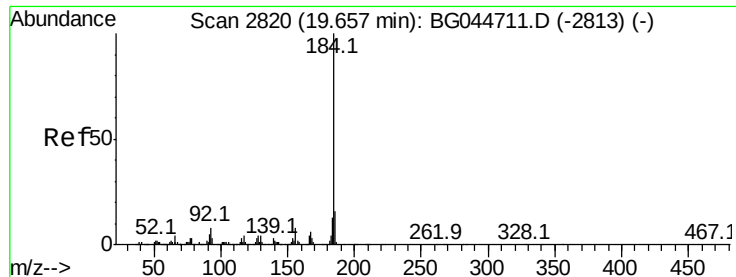
Abundance

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: 35.917 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

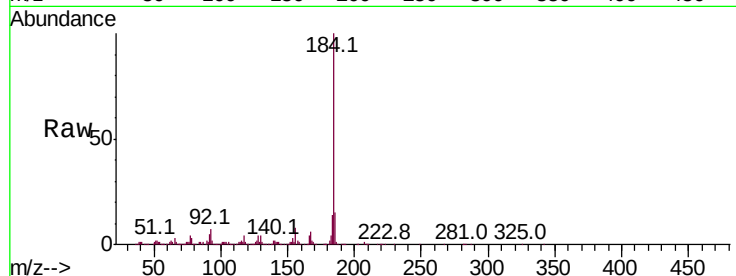
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 663238

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.9	19.3
183	13.6	10.6	15.8

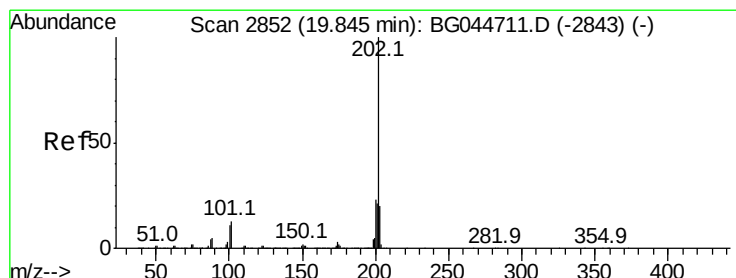
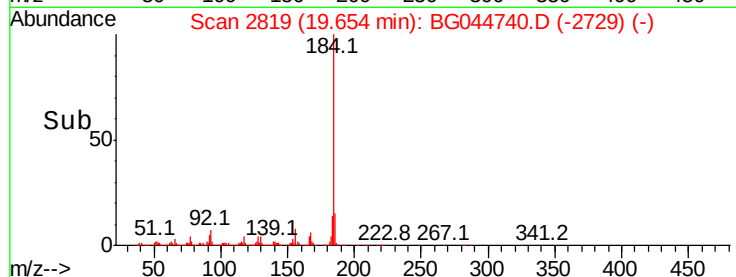
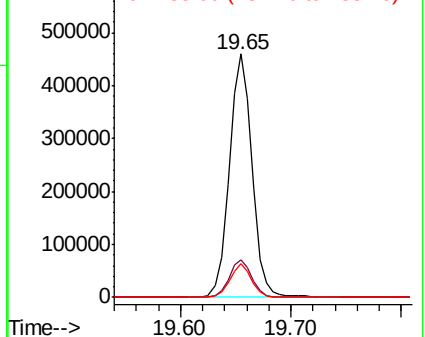


Abundance

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: 40.532 ng

RT: 19.84 min Scan# 2851

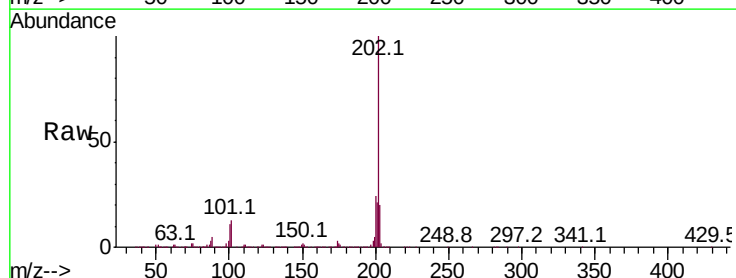
Delta R.T. -0.00 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

Tgt Ion:202 Resp: 1691447

Ion	Ratio	Lower	Upper
202	100		
200	24.0	18.7	28.1
203	20.2	16.0	24.0

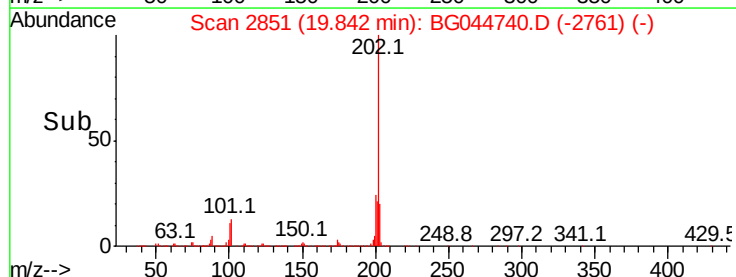
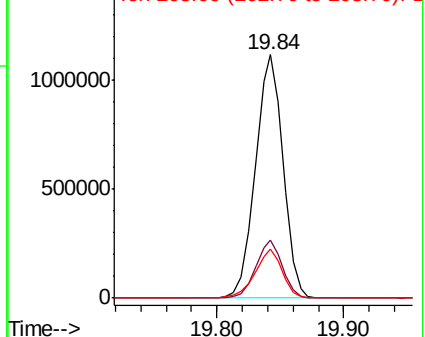


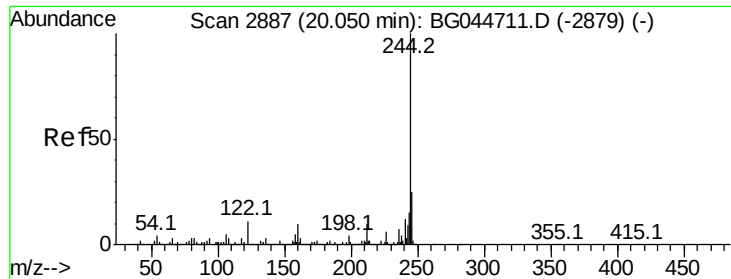
Abundance

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: 67.059 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

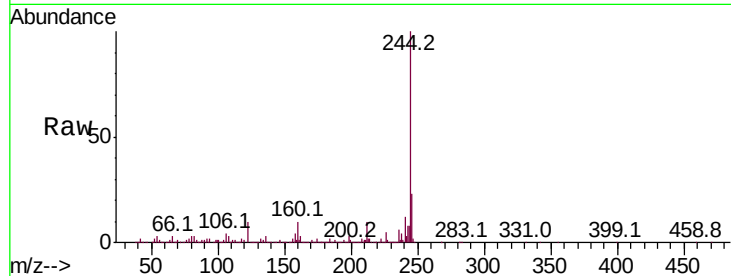
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2039165

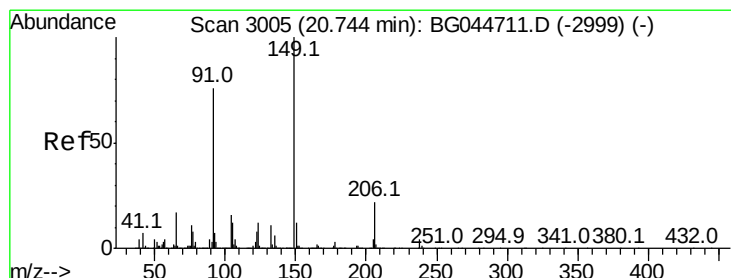
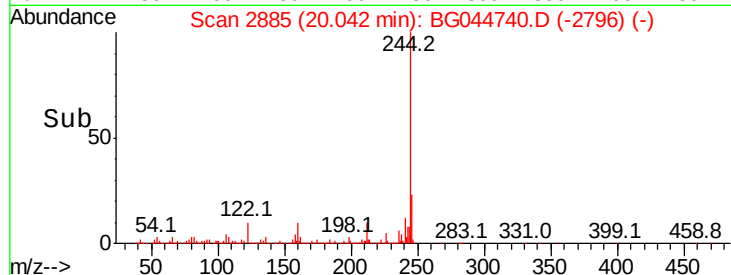
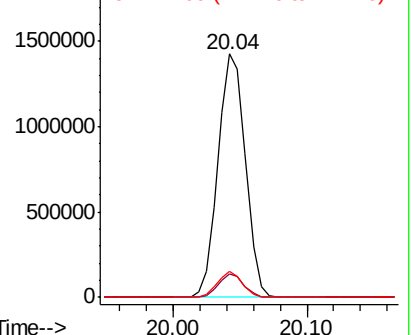
Ion	Ratio	Lower	Upper
244	100		
212	9.6	8.4	12.6
122	10.5	8.7	13.1



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: 39.415 ng

RT: 20.74 min Scan# 3003

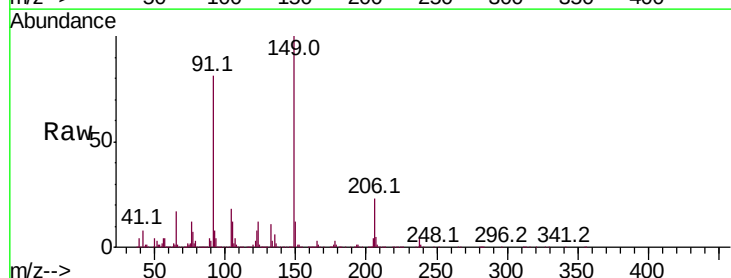
Delta R.T. -0.01 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

Tgt Ion:149 Resp: 731751

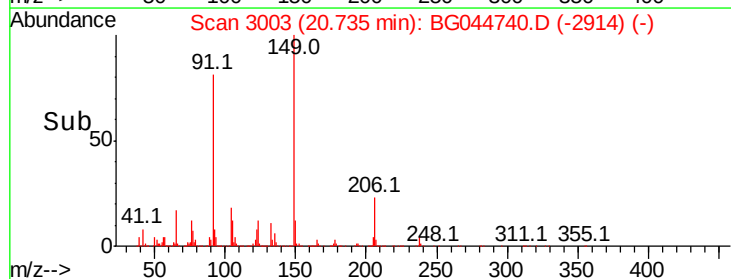
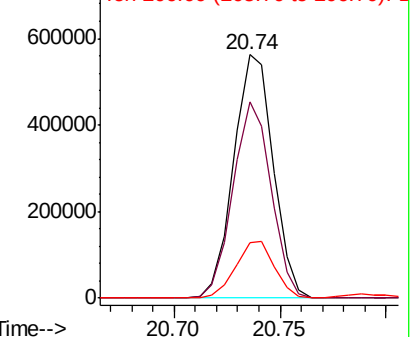
Ion	Ratio	Lower	Upper
149	100		
91	80.7	61.1	91.7
206	22.8	17.4	26.2

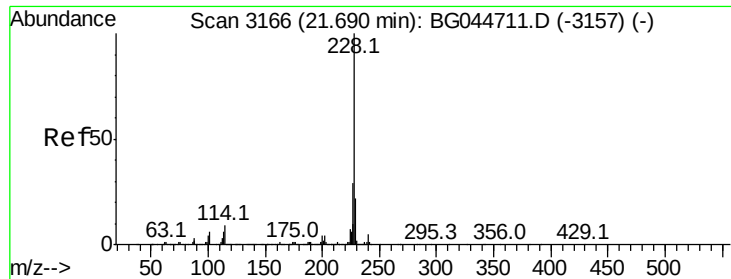


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.694 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

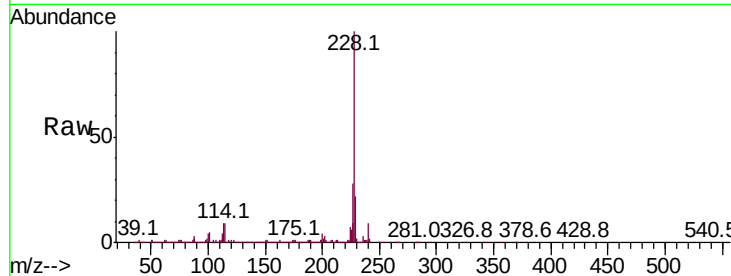
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1625807

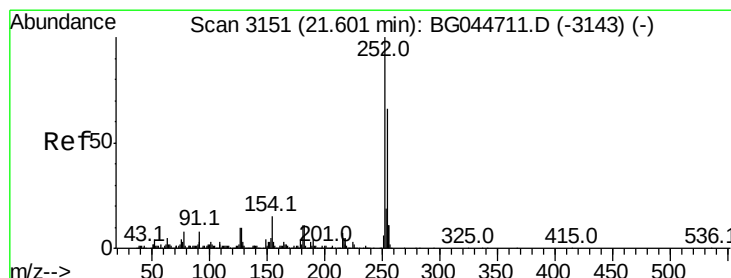
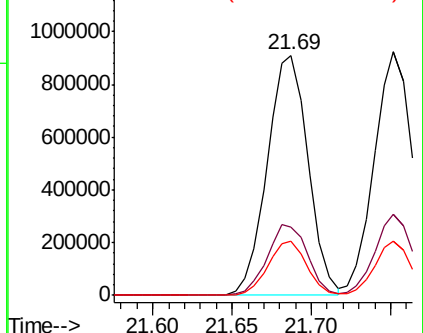
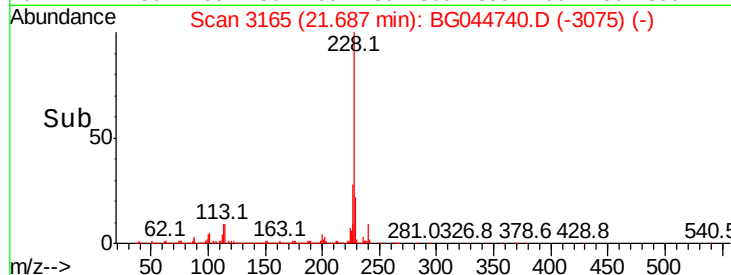
Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.5	35.3
229	22.4	17.2	25.8



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: 15.023 ng

RT: 21.60 min Scan# 3150

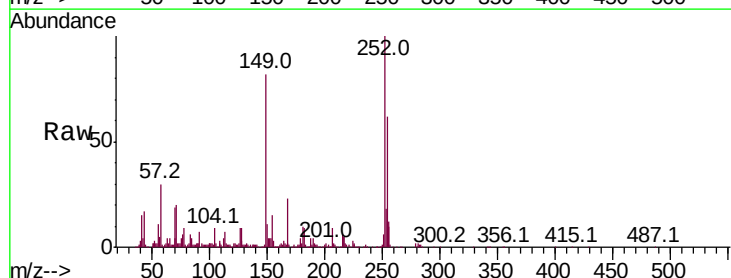
Delta R.T. -0.00 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

Tgt Ion:252 Resp: 238039

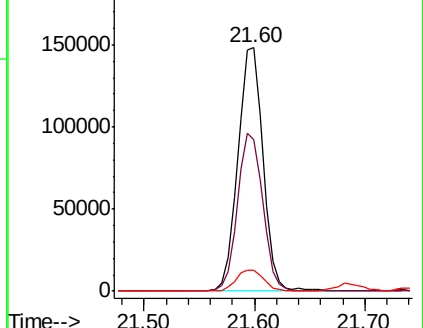
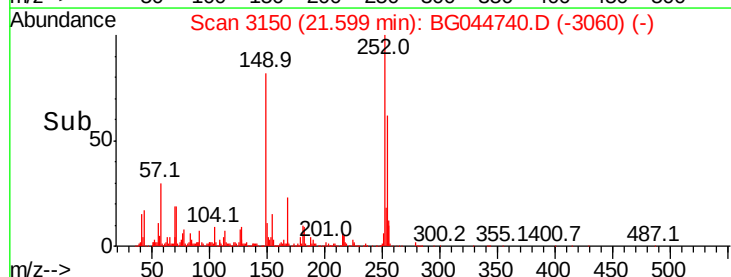
Ion	Ratio	Lower	Upper
252	100		
254	62.1	53.0	79.4
126	8.7	8.2	12.4

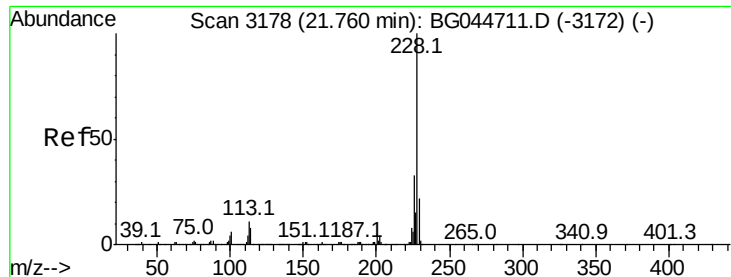


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.437 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

Instrument :

BNA_G

ClientSampleId :

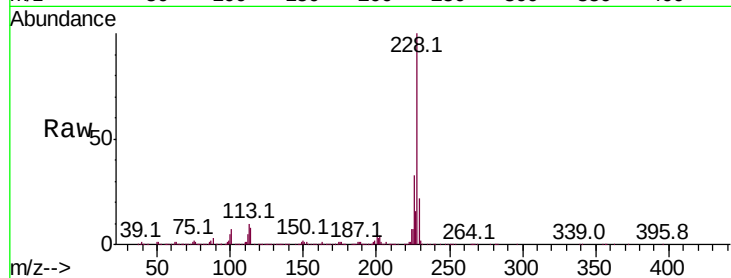
Tot Ion:228 Resp: 1542958

Ion	Ratio	Lower	Upper
228	100		
226	33.1	26.1	39.1
229	22.3	17.4	26.0

228 100

226 33.1 26.1 39.1

229 22.3 17.4 26.0

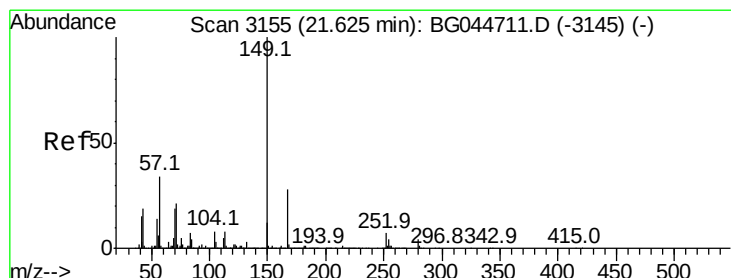
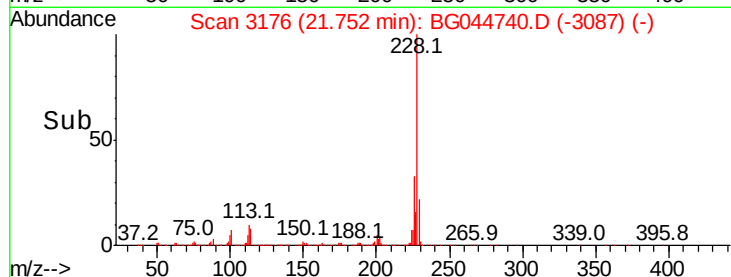
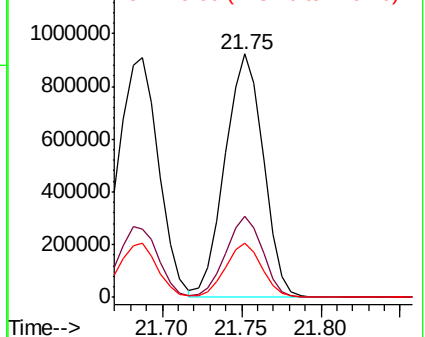


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.364 ng

RT: 21.62 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

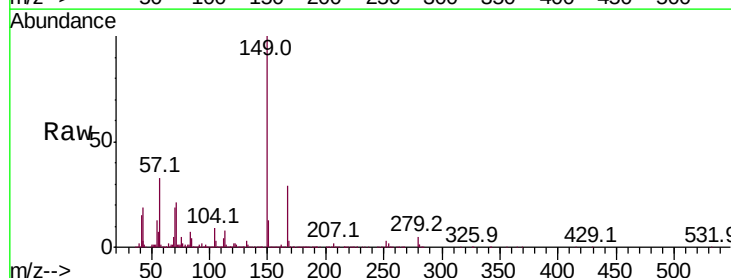
Tgt Ion:149 Resp: 1034242

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.6	33.8
279	4.6	3.5	5.3

149 100

167 28.6 22.6 33.8

279 4.6 3.5 5.3

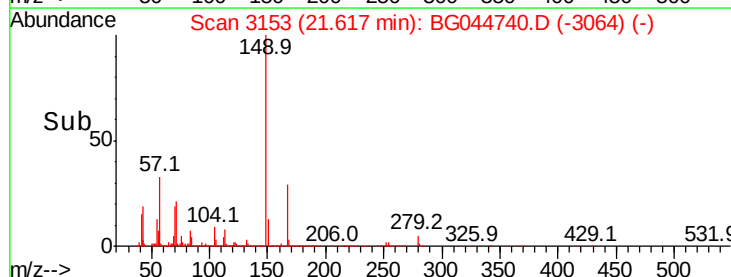
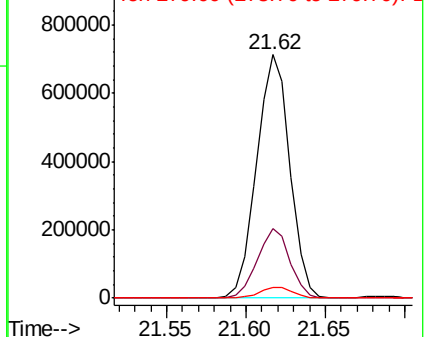


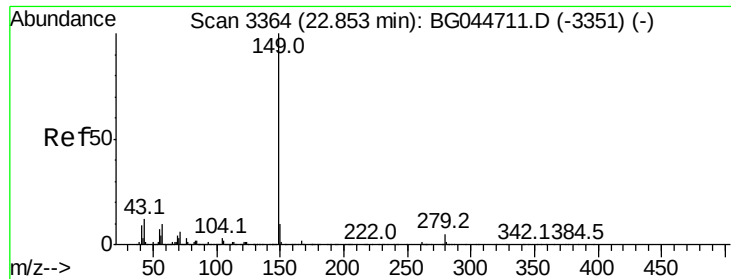
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.058 ng

RT: 22.84 min Scan# 3361

Delta R.T. -0.01 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

Instrument :

BNA_G

ClientSampleId :

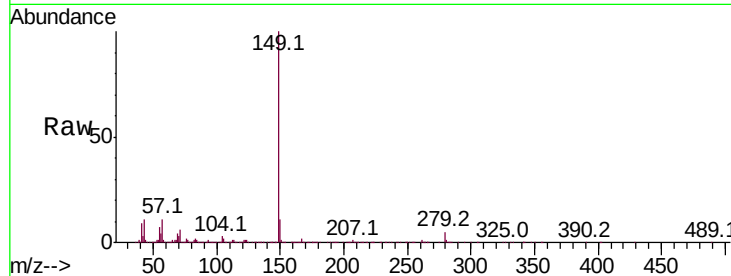
Tot Ion:149 Resp: 1760435

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

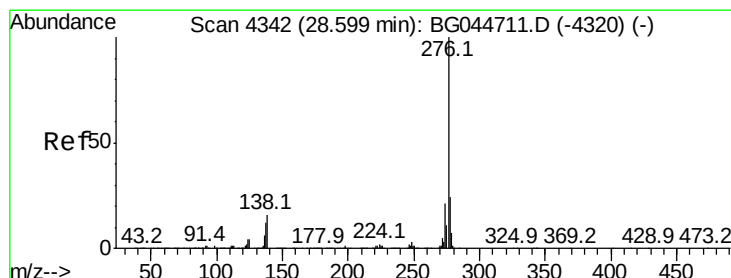
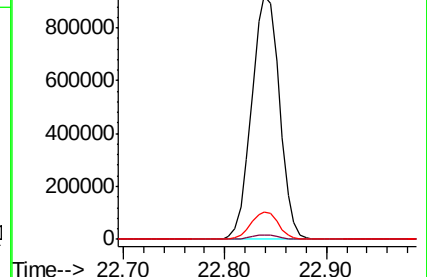
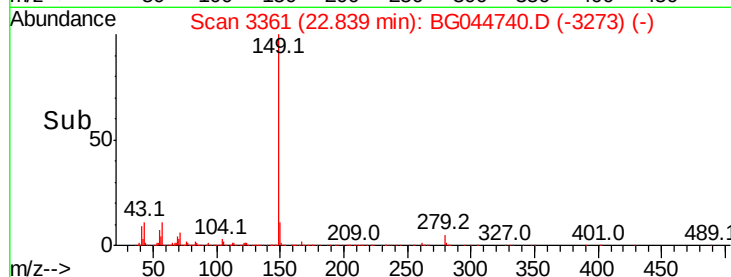
43 11.0 9.0 13.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.174 ng

RT: 28.59 min Scan# 4339

Delta R.T. -0.01 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

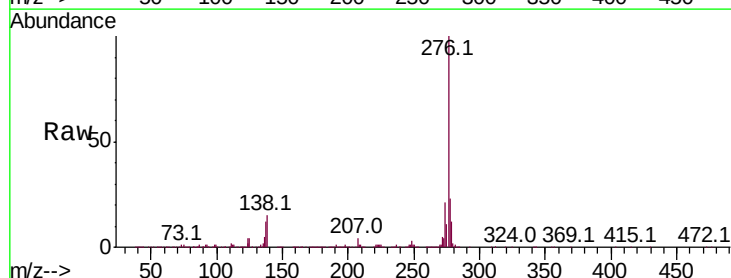
Tgt Ion:276 Resp: 2111959

Ion Ratio Lower Upper

276 100

138 14.2 10.9 16.3

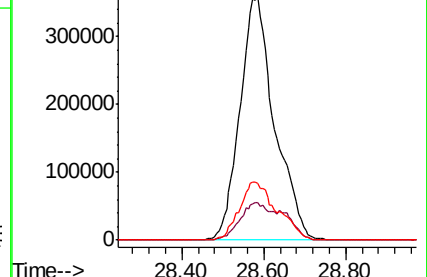
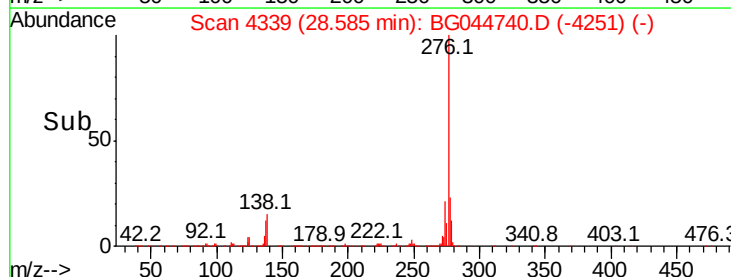
277 26.0 20.8 31.2

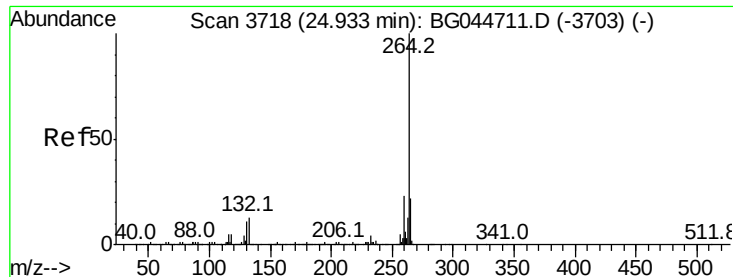


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.92 min Scan# 3715

Delta R.T. -0.01 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

Instrument :

BNA_G

ClientSampleId :

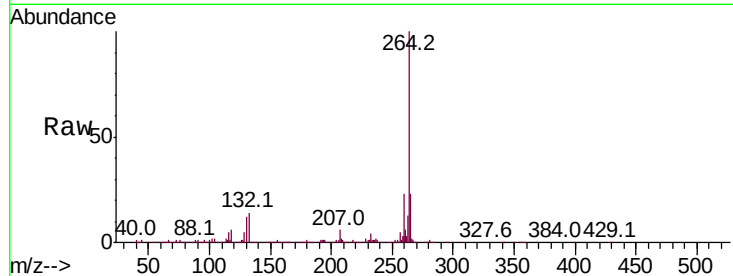
Tot Ion:264 Resp: 674399

Ion Ratio Lower Upper

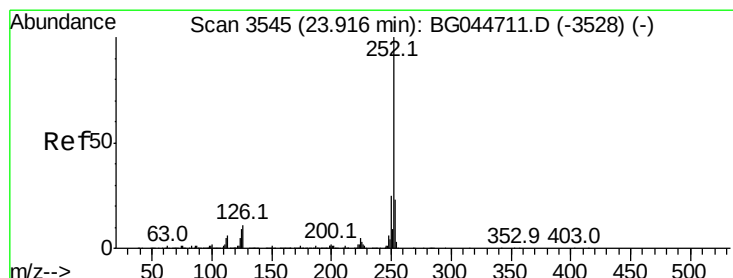
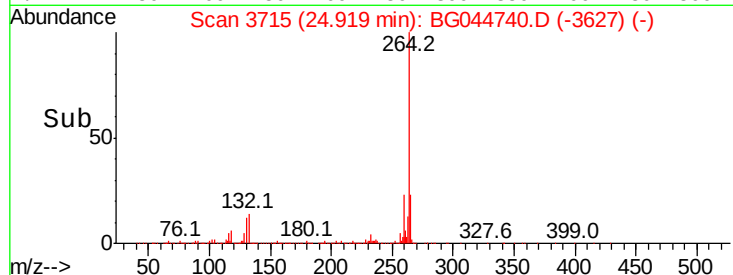
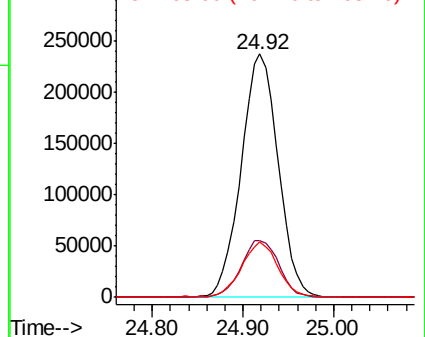
264 100

260 23.3 18.4 27.6

265 22.6 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.317 ng

RT: 23.90 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

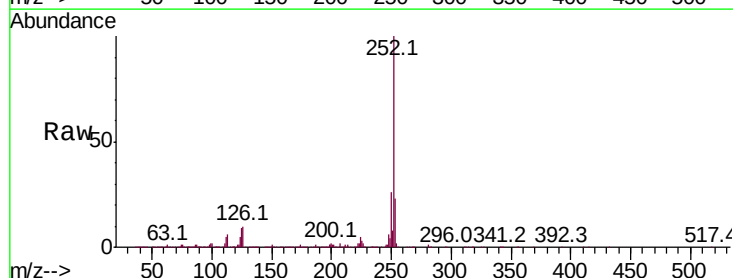
Tgt Ion:252 Resp: 1750482

Ion Ratio Lower Upper

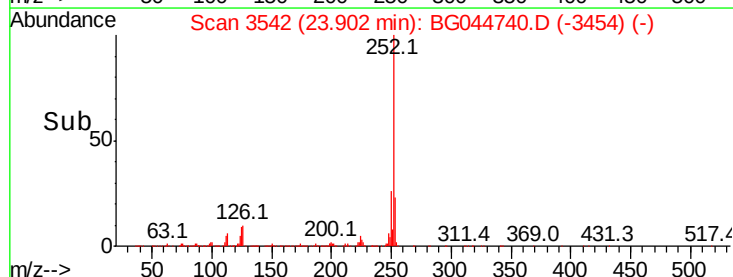
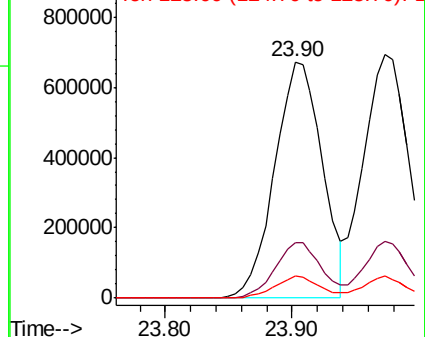
252 100

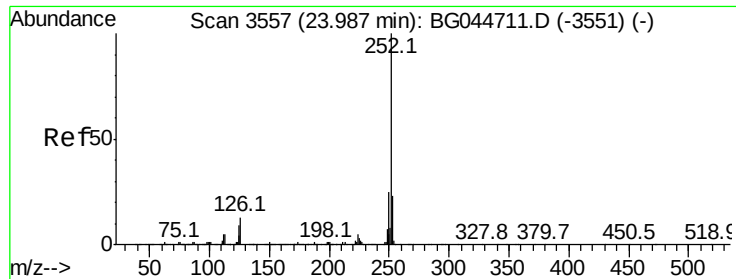
253 23.3 18.7 28.1

125 9.4 7.2 10.8



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: 40.577 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.01 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

Instrument :

BNA_G

ClientSampled :

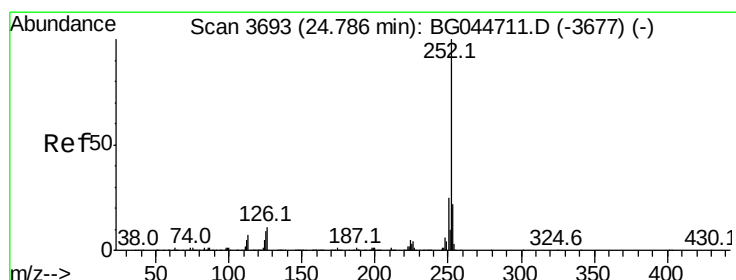
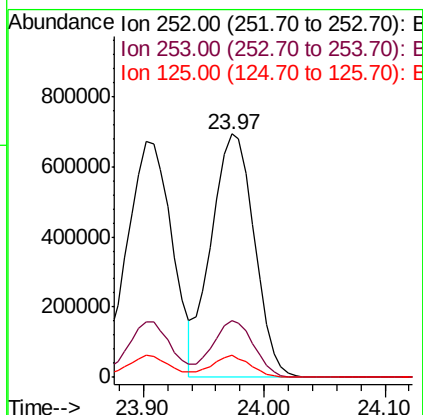
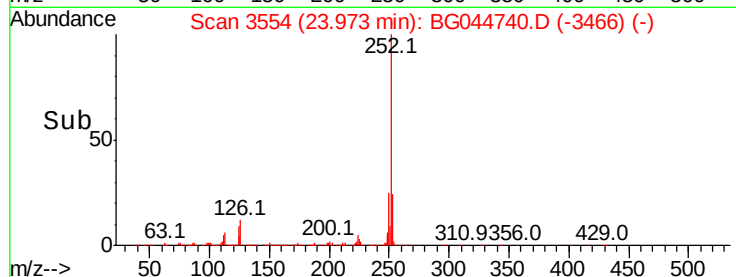
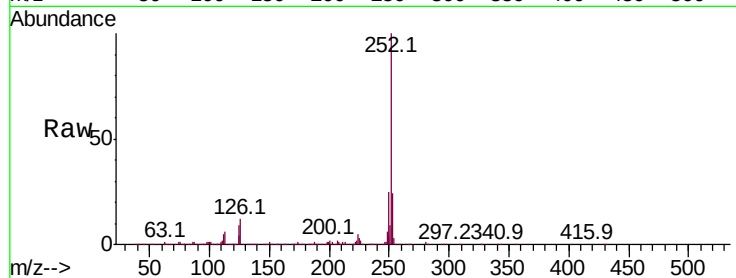
Tot Ion:252 Resp: 1709653

Ion Ratio Lower Upper

252 100

253 23.5 18.4 27.6

125 9.3 7.0 10.4



#90

Benzo(a)pyrene

Concen: 39.334 ng

RT: 24.77 min Scan# 3690

Delta R.T. -0.01 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

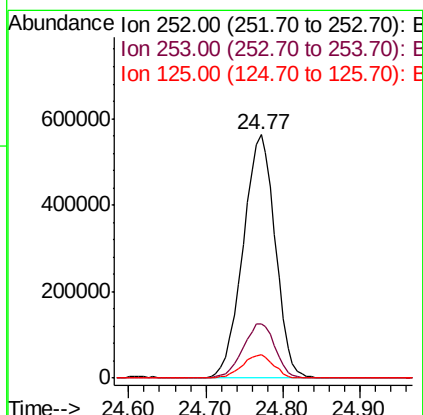
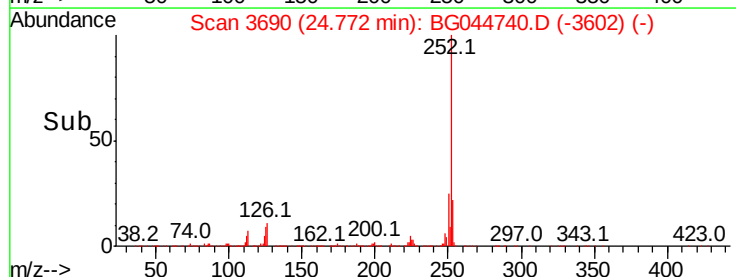
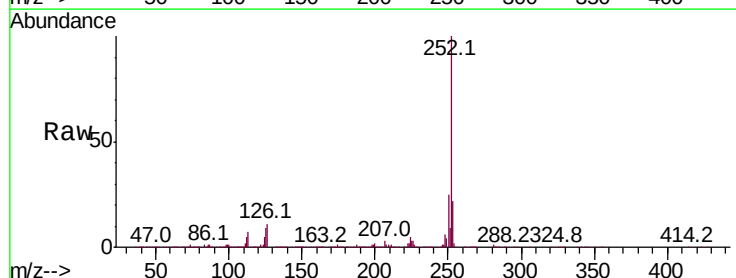
Tgt Ion:252 Resp: 1638651

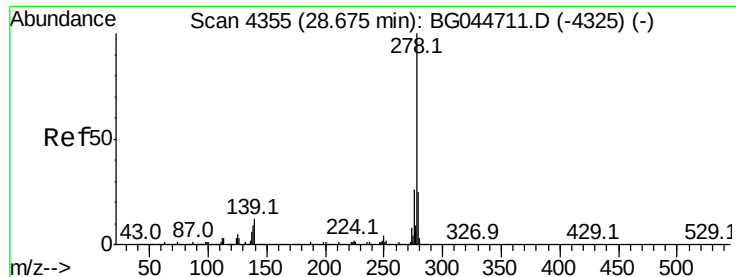
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 9.5 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 41.188 ng

RT: 28.66 min Scan# 4351

Delta R.T. -0.02 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

Instrument :

BNA_G

ClientSampled :

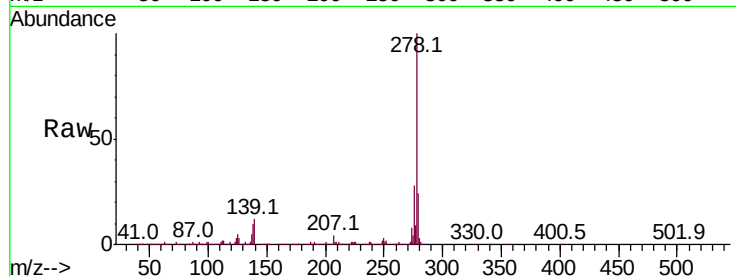
Tot Ion:278 Resp: 1692804

Ion Ratio Lower Upper

278 100

139 11.9 9.9 14.9

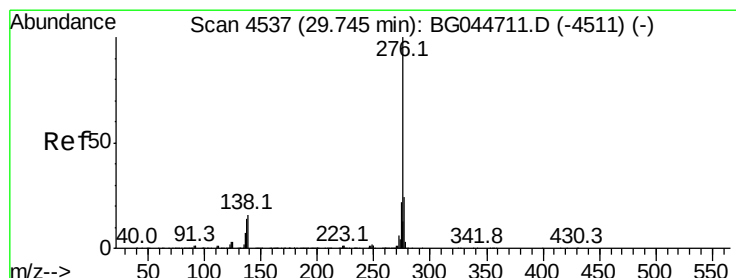
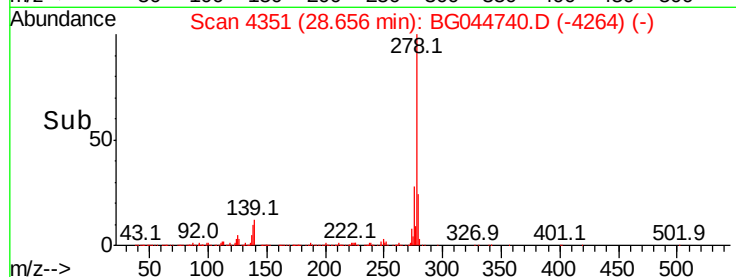
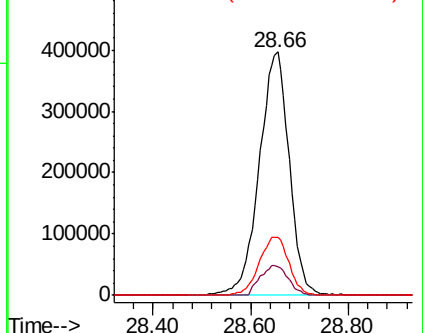
279 23.7 20.2 30.4



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: 42.133 ng

RT: 29.72 min Scan# 4532

Delta R.T. -0.03 min

Lab File: BG044740.D

Acq: 12 Mar 2020 18:10

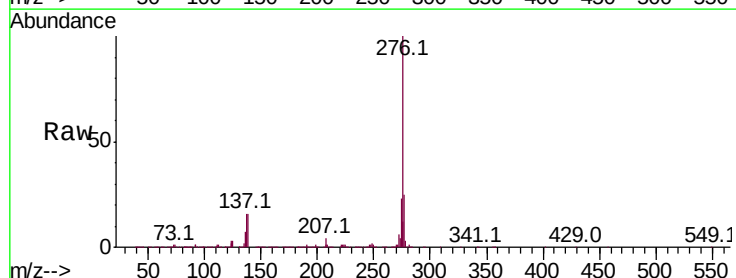
Tgt Ion:276 Resp: 1749547

Ion Ratio Lower Upper

276 100

277 24.9 18.8 28.2

138 16.0 13.0 19.4



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

