

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
 Data File : BG044741.D
 Acq On : 12 Mar 2020 18:50
 Operator : CG/JU
 Sample : L1893-14MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 13 06:08:59 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	114695	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	459695	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	314612	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	686842	20.00	ng	0.00
76) Chrysene-d12	21.70	240	579473	20.00	ng	0.00
87) Perylene-d12	24.92	264	702885	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	900282	122.19	ng	0.00
7) Phenol-d6	7.21	99	1258857	117.60	ng	0.00
23) Nitrobenzene-d5	9.21	82	819436	78.22	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	481102	116.79	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1627841	74.10	ng	0.00
79) Terphenyl-d14	20.04	244	2359873	76.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	131162	36.968	ng	97
3) Pyridine	3.91	79	329631	31.383	ng	98
4) n-Nitrosodimethylamine	3.83	42	163819	41.107	ng	# 93
6) Aniline	7.37	93	329040	24.702	ng	96
8) 2-Chlorophenol	7.62	128	362158	49.240	ng	100
9) Benzaldehyde	7.18	77	294303	47.606	ng	98
10) Phenol	7.24	94	509908	48.113	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	355883	42.075	ng	99
12) 1,3-Dichlorobenzene	7.94	146	372900	41.158	ng	94
13) 1,4-Dichlorobenzene	8.09	146	372757	41.615	ng	98
14) 1,2-Dichlorobenzene	8.41	146	350373	41.244	ng	94
15) Benzyl Alcohol	8.29	79	392055	45.646	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	584100	39.132	ng	98
17) 2-Methylphenol	8.49	107	341016	47.502	ng	93
18) Hexachloroethane	9.15	117	147309	41.772	ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	313228	41.438	ng	96
20) 3+4-Methylphenols	8.82	107	471665	47.661	ng	97
22) Acetophenone	8.87	105	554552	42.582	ng	99
24) Nitrobenzene	9.25	77	466509	42.918	ng	99
25) Isophorone	9.78	82	875580	42.825	ng	97
26) 2-Nitrophenol	9.97	139	184356	48.755	ng	# 92
27) 2,4-Dimethylphenol	10.03	122	345274	51.857	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	503791	41.289	ng	97
29) 2,4-Dichlorophenol	10.51	162	363840	46.785	ng	100
30) 1,2,4-Trichlorobenzene	10.73	180	380358	40.903	ng	95
31) Naphthalene	10.92	128	1077497	42.313	ng	99
32) Benzoic acid	10.17	122	229036	44.931	ng	94
33) 4-Chloroaniline	11.01	127	116318	10.139	ng	95
34) Hexachlorobutadiene	11.21	225	252465	41.285	ng	98
35) Caprolactam	11.78	113	62462	21.213	ng	97
36) 4-Chloro-3-methylphenol	12.13	107	422718	45.575	ng	95
37) 2-Methylnaphthalene	12.52	142	809405	42.491	ng	99
38) 1-Methylnaphthalene	12.74	142	772936	43.161	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	421601	40.691	ng	99

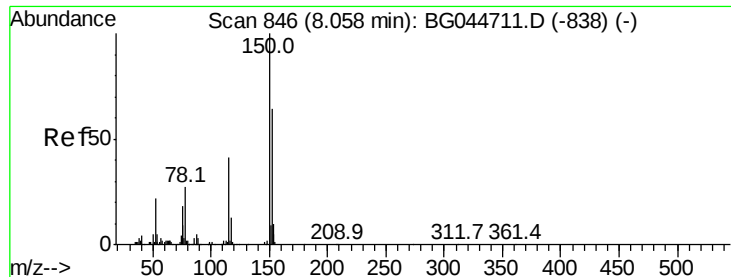
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
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 Acq On : 12 Mar 2020 18:50
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	570372	100.729	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	309658	45.034	ng	99
44) 2,4,5-Trichlorophenol	13.19	196	337504	47.329	ng	97
46) 1,1'-Biphenyl	13.53	154	1016269	40.422	ng	98
47) 2-Chloronaphthalene	13.57	162	786079	40.929	ng	98
48) 2-Nitroaniline	13.76	65	292435	43.492	ng	98
49) Acenaphthylene	14.41	152	1289450	42.855	ng	99
50) Dimethylphthalate	14.14	163	1212417	48.386	ng	99
51) 2,6-Dinitrotoluene	14.25	165	232754	46.083	ng	98
52) Acenaphthene	14.75	154	917084	46.540	ng	99
53) 3-Nitroaniline	14.57	138	97053	16.713	ng	100
54) 2,4-Dinitrophenol	14.78	184	240235	89.875	ng	# 68
55) Dibenzofuran	15.09	168	1203227	42.107	ng	99
56) 4-Nitrophenol	14.88	139	405805	91.568	ng	99
57) 2,4-Dinitrotoluene	15.04	165	319750	46.160	ng	# 94
58) Fluorene	15.74	166	988280	42.043	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	307694	46.867	ng	94
60) Diethylphthalate	15.51	149	1065101	40.754	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	532589	42.078	ng	97
62) 4-Nitroaniline	15.74	138	239391	38.661	ng	95
63) Azobenzene	16.02	77	1131601	41.695	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	173498	52.765	ng	94
66) n-Nitrosodiphenylamine	15.94	169	901515	43.596	ng	99
67) 4-Bromophenyl-phenylether	16.62	248	363055	42.282	ng	97
68) Hexachlorobenzene	16.75	284	383275	41.144	ng	98
69) Atrazine	16.89	200	348202	45.960	ng	99
70) Pentachlorophenol	17.08	266	480098	93.669	ng	98
71) Phenanthrene	17.47	178	1567739	42.713	ng	99
72) Anthracene	17.57	178	1598759	44.174	ng	100
73) Carbazole	17.83	167	1493113	42.949	ng	98
74) Di-n-butylphthalate	18.40	149	1769991	41.883	ng	99
75) Fluoranthene	19.48	202	1892406	43.303	ng	99
77) Benzidine	19.65	184	773705	41.128	ng	98
78) Pyrene	19.84	202	1895898	44.594	ng	98
80) Butylbenzylphthalate	20.74	149	837324	44.271	ng	97
81) Benzo(a)anthracene	21.69	228	1821533	43.654	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	270071	16.730	ng	97
83) Chrysene	21.75	228	1743949	43.754	ng	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	1150691	44.083	ng	99
85) Di-n-octyl phthalate	22.84	149	1969268	45.083	ng	100
86) Indeno(1,2,3-cd)pyrene	28.58	276	2357034	45.107	ng	99
88) Benzo(b)fluoranthene	23.91	252	1953788	42.105	ng	99
89) Benzo(k)fluoranthene	23.98	252	1910430	43.505	ng	99
90) Benzo(a)pyrene	24.77	252	1826156	42.058	ng	98
91) Dibenzo(a,h)anthracene	28.66	278	1891925	44.167	ng	99
92) Benzo(g,h,i)perylene	29.73	276	1948504	45.023	ng	98

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

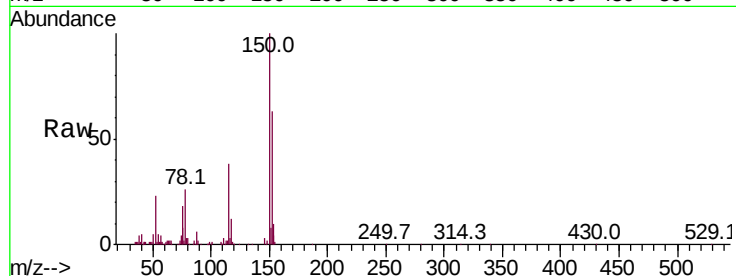


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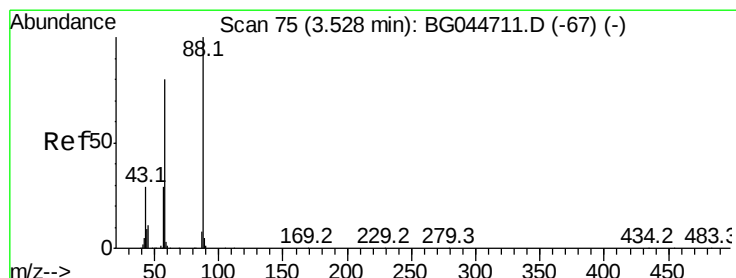
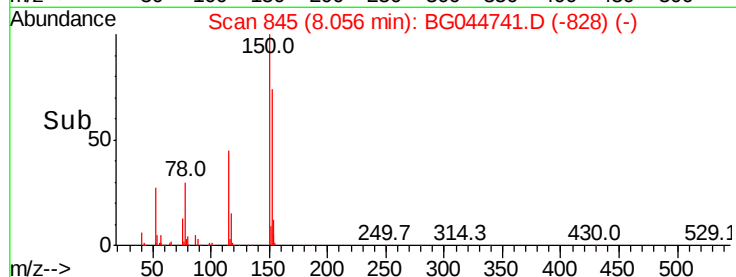
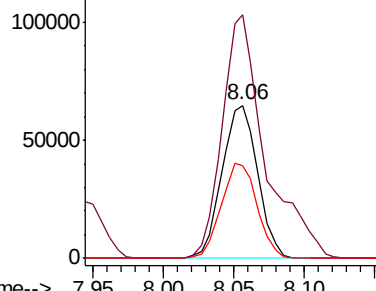
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG044741.D
Acq: 12 Mar 2020 18:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 114695
Ion Ratio Lower Upper
152 100
150 158.8 125.3 187.9
115 60.6 51.7 77.5



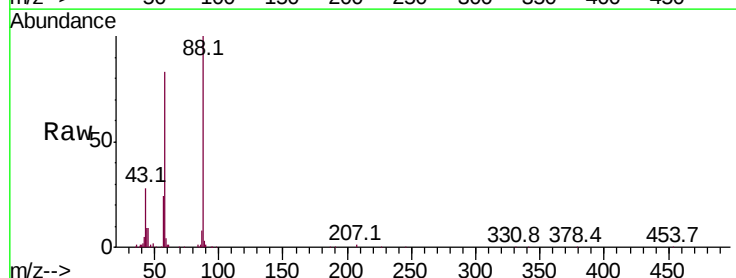
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



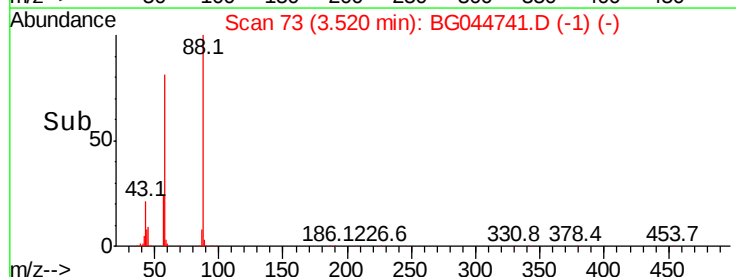
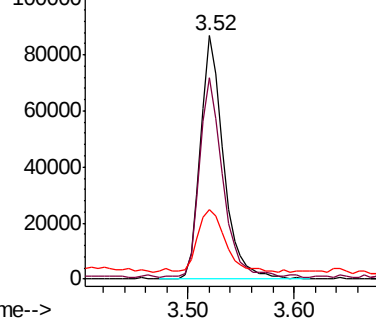
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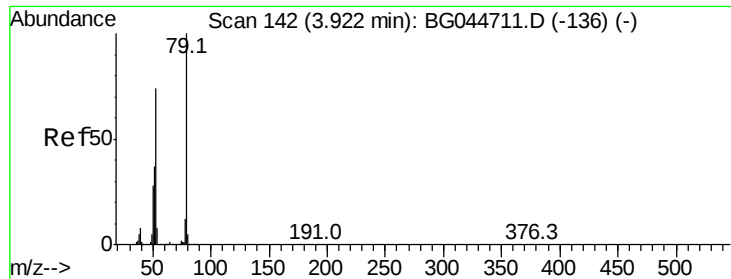
1,4-Dioxane
Concen: 36.968 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG044741.D
Acq: 12 Mar 2020 18:50

Tgt Ion: 88 Resp: 131162
Ion Ratio Lower Upper
88 100
58 80.9 63.0 94.4
43 30.9 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: 31.383 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.01 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

Instrument :

BNA_G

ClientSampleId :

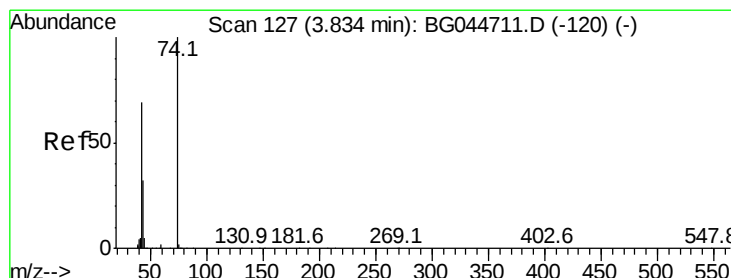
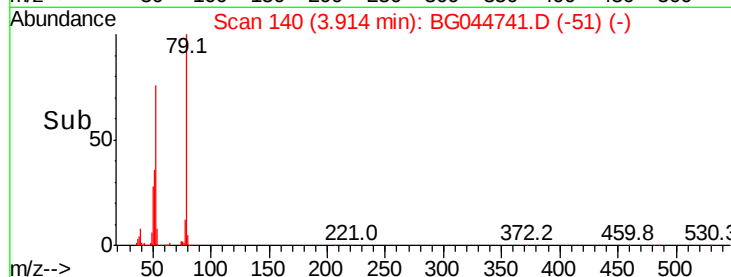
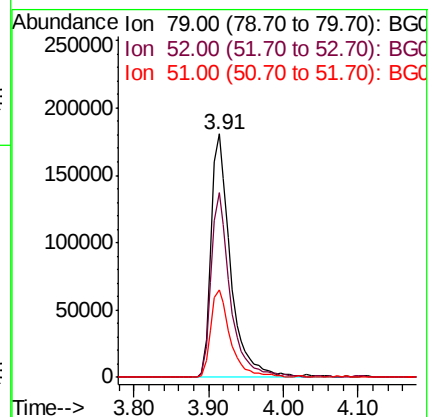
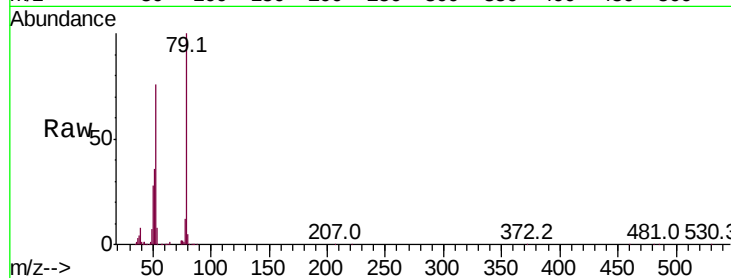
Tot Ion: 79 Resp: 329631

Ion Ratio Lower Upper

79 100

52 76.0 59.4 89.2

51 36.2 29.7 44.5



#4

n-Nitrosodimethylamine

Concen: 41.107 ng

RT: 3.83 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

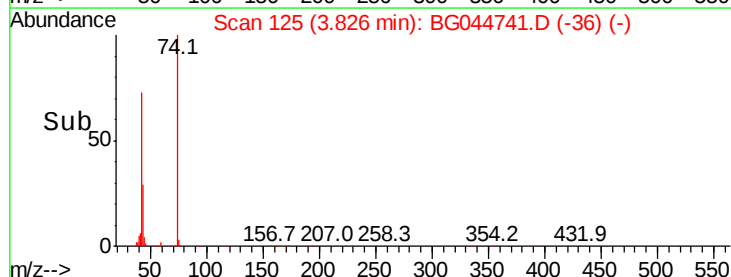
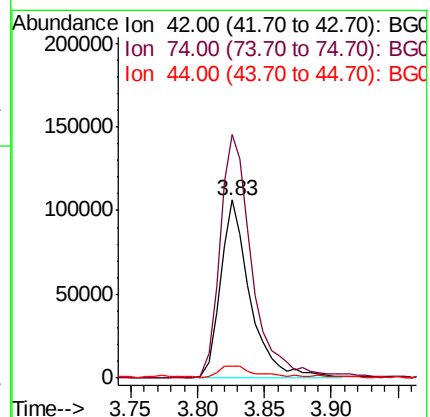
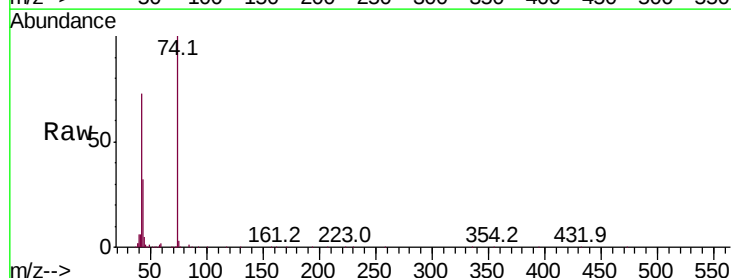
Tgt Ion: 42 Resp: 163819

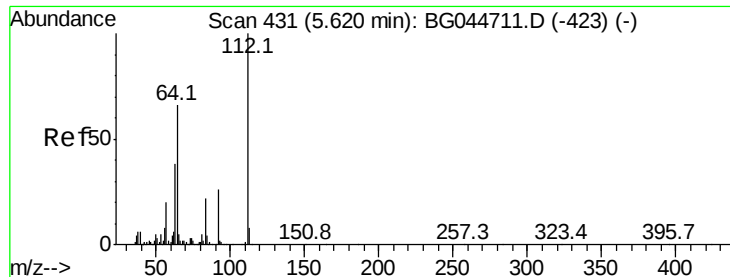
Ion Ratio Lower Upper

42 100

74 136.9 116.1 174.1

44 6.8 7.1 10.7#





#5

2-Fluorophenol

Concen: 122.190 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

Instrument :

BNA_G

ClientSampleId :

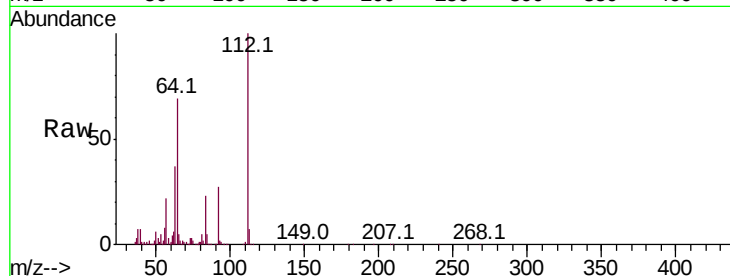
Tot Ion:112 Resp: 900282

Ion Ratio Lower Upper

112 100

64 69.1 52.6 78.8

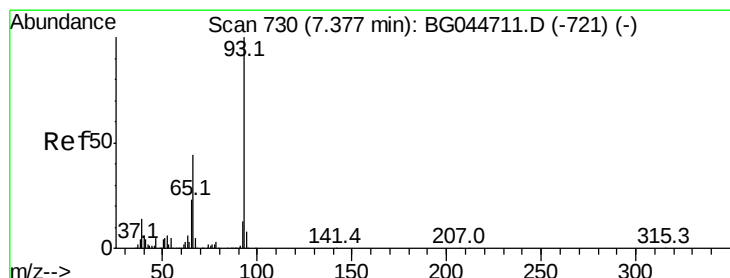
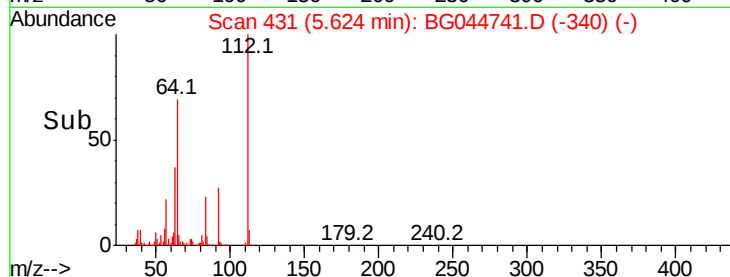
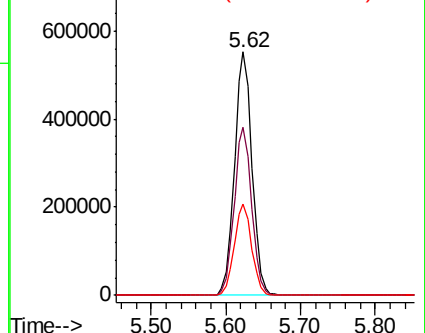
63 37.5 30.2 45.4



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



#6

Aniline

Concen: 24.702 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

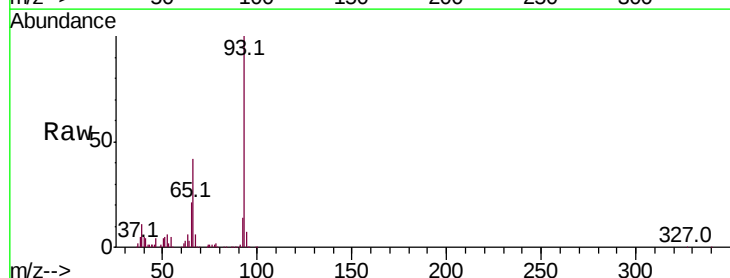
Tgt Ion: 93 Resp: 329040

Ion Ratio Lower Upper

93 100

66 41.7 35.3 52.9

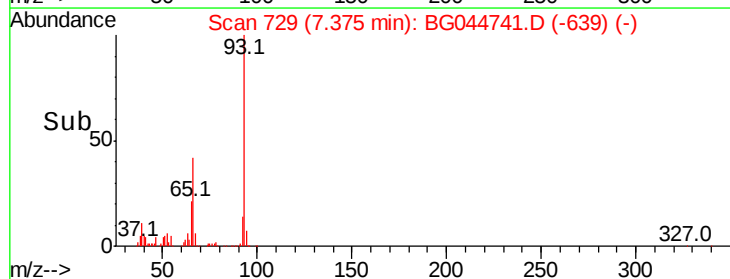
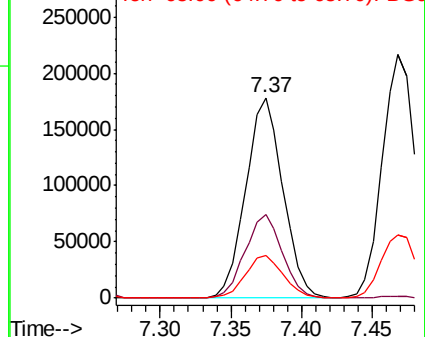
65 21.3 18.2 27.4

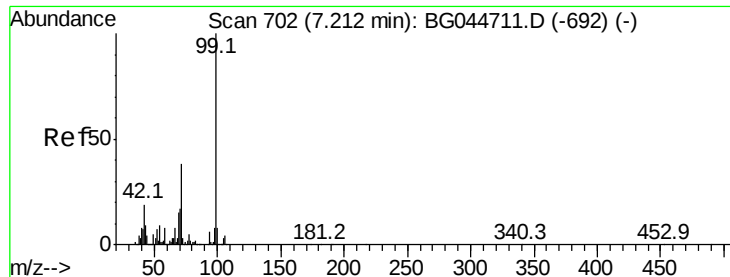


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.595 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

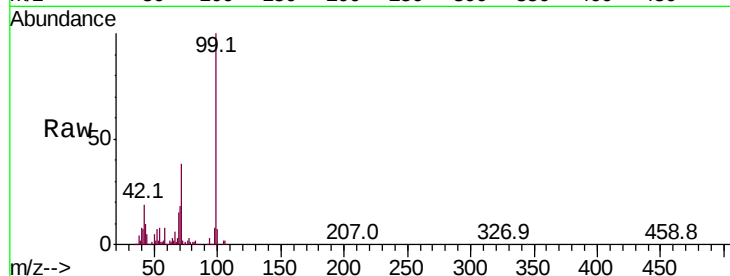
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1258857

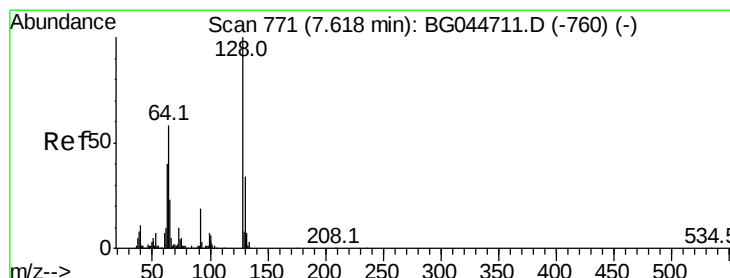
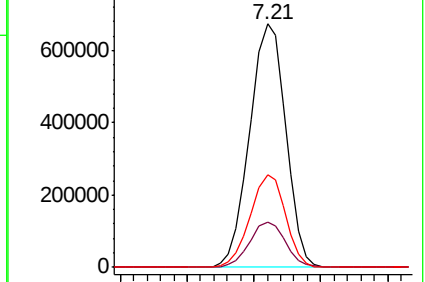
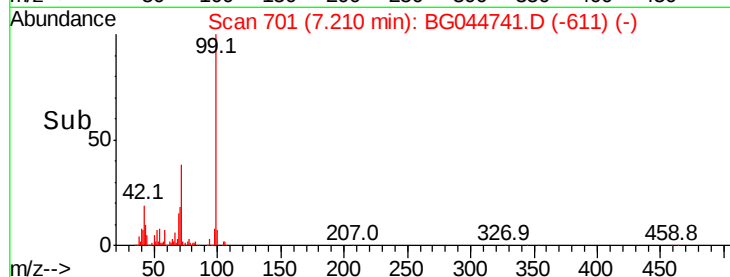
Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.4	23.0
71	38.1	30.2	45.4



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



#8

2-Chlorophenol

Concen: 49.240 ng

RT: 7.62 min Scan# 770

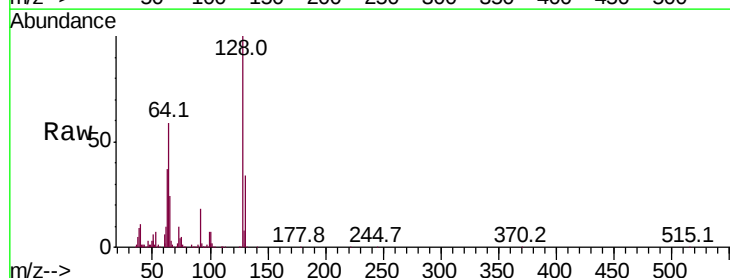
Delta R.T. -0.00 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

Tgt Ion:128 Resp: 362158

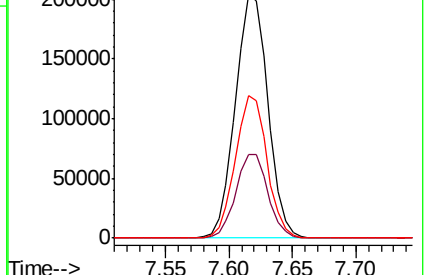
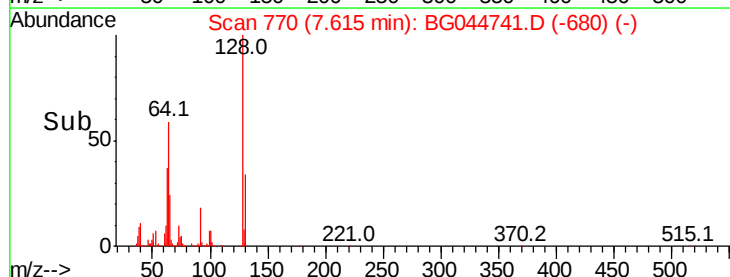
Ion	Ratio	Lower	Upper
128	100		
130	34.3	13.6	53.6
64	58.6	38.6	78.6

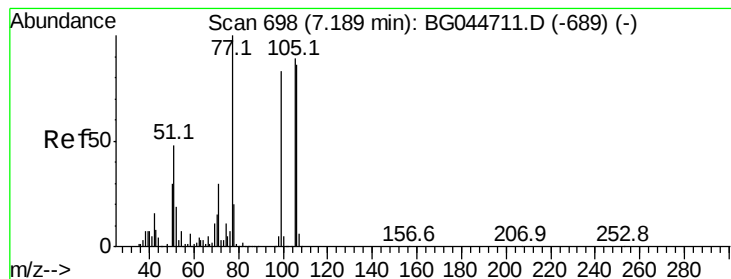


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 47.606 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

Instrument :

BNA_G

ClientSampleId :

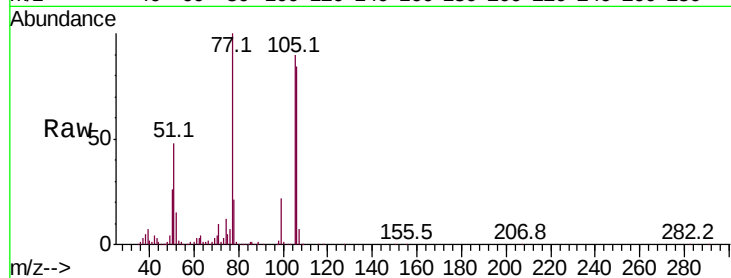
Tot Ion: 77 Resp: 294303

Ion Ratio Lower Upper

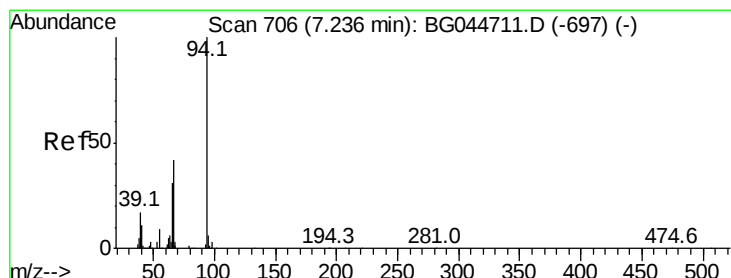
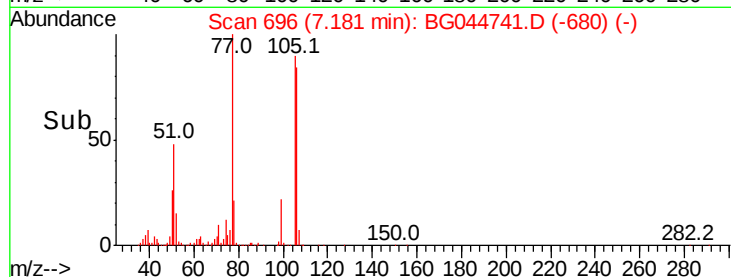
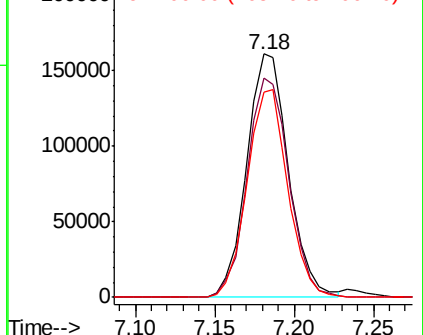
77 100

105 90.2 68.6 108.6

106 84.3 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: 48.113 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

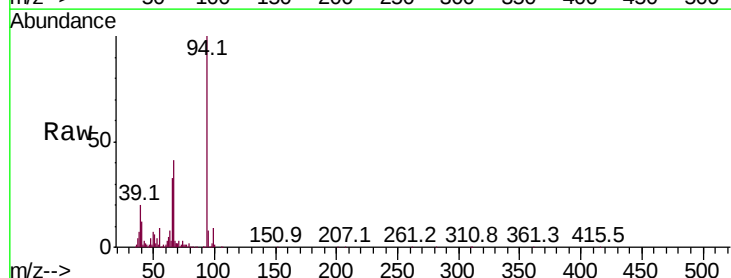
Tgt Ion: 94 Resp: 509908

Ion Ratio Lower Upper

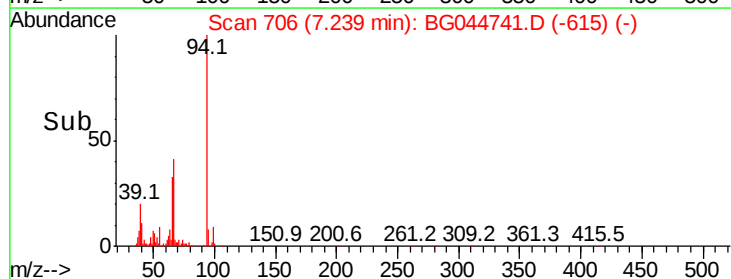
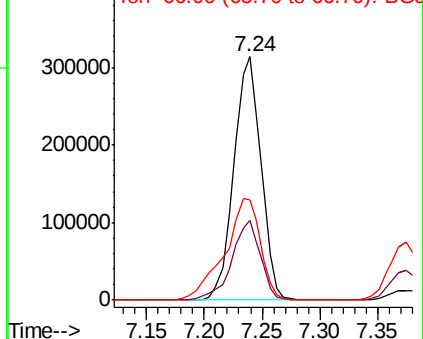
94 100

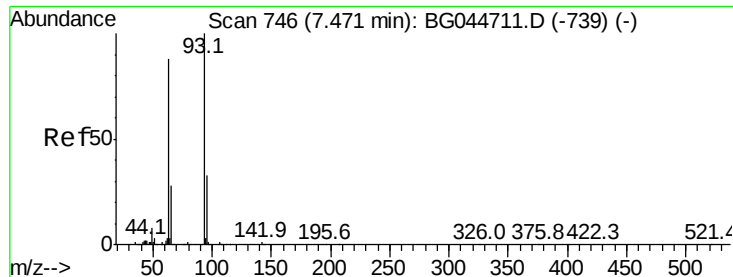
65 32.6 11.3 51.3

66 41.3 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

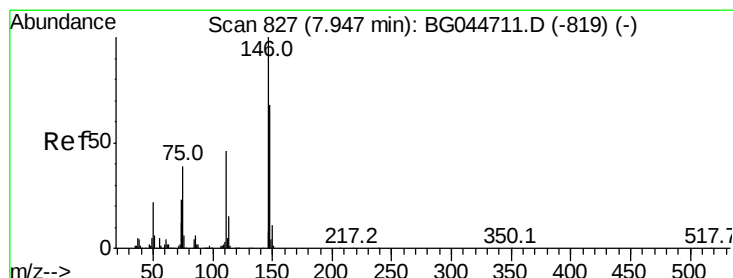
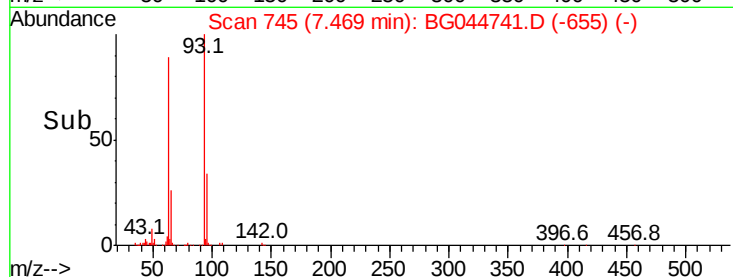
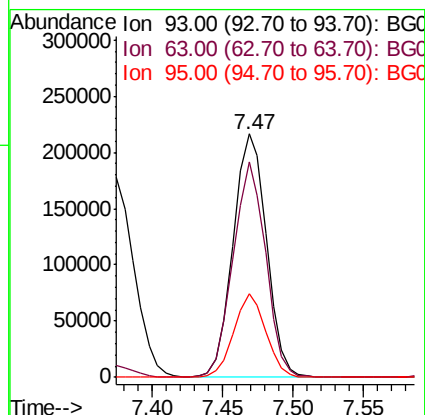
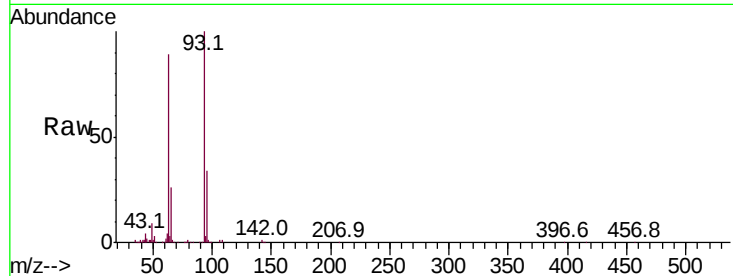




#11
bis(2-Chloroethyl)ether
Concen: 42.075 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BG044741.D
Acq: 12 Mar 2020 18:50

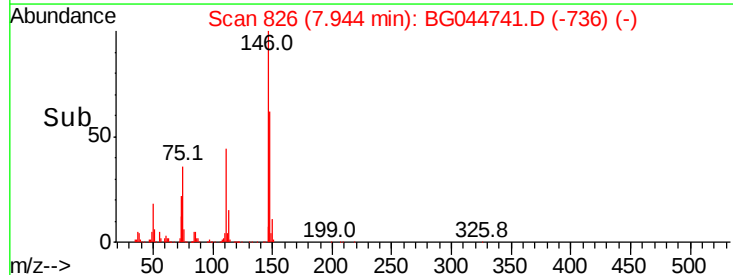
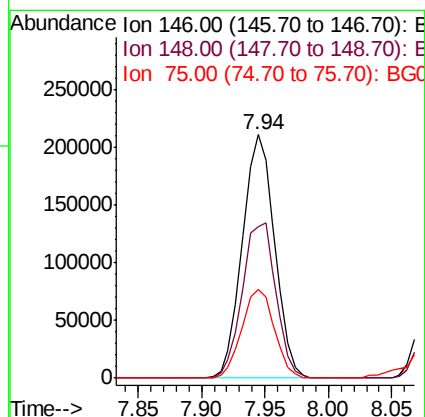
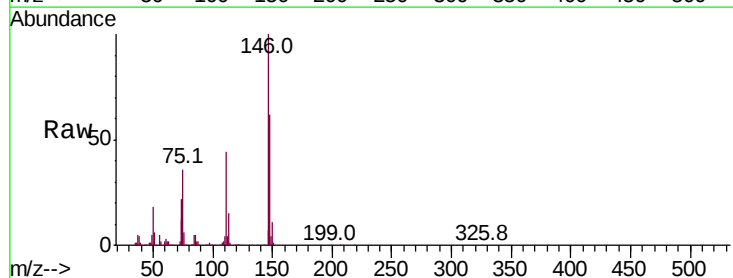
Instrument :
BNA_G
ClientSampleId :

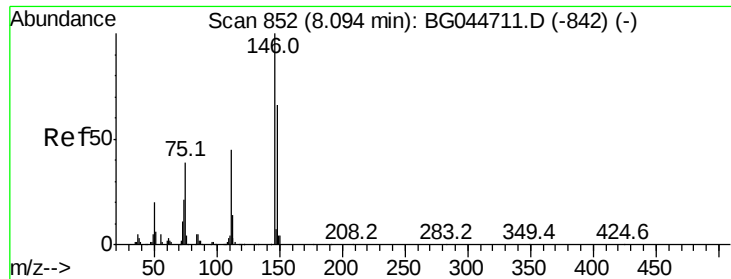
Tot Ion	Ratio	Lower	Upper
93	100		
63	88.7	68.1	108.1
95	34.2	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 41.158 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG044741.D
Acq: 12 Mar 2020 18:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	54.2	81.2
75	36.3	31.3	46.9





#13

1,4-Dichlorobenzene

Concen: 41.615 ng

RT: 8.09 min Scan# 851

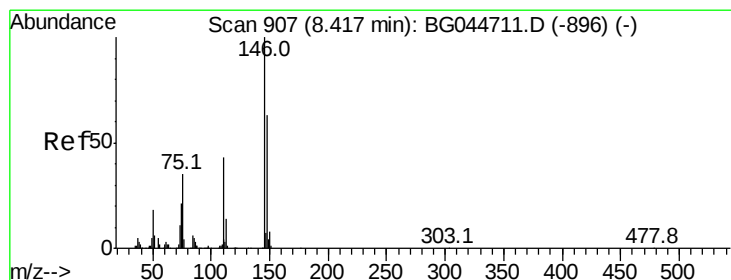
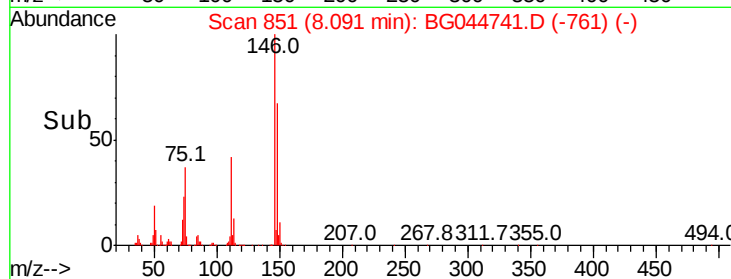
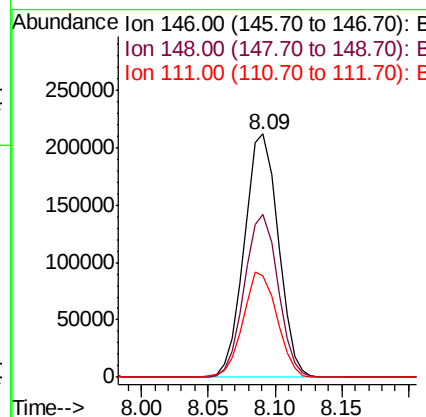
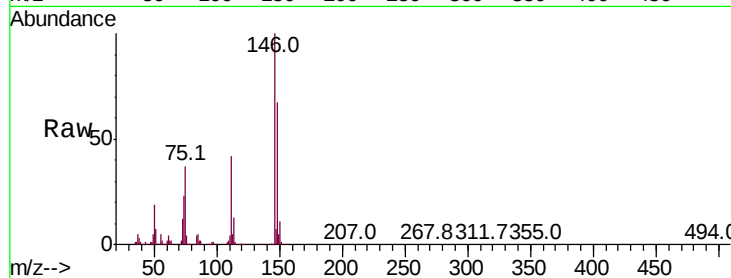
Delta R.T. -0.00 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.8	52.9	79.3
111	41.6	35.6	53.4



#14

1,2-Dichlorobenzene

Concen: 41.244 ng

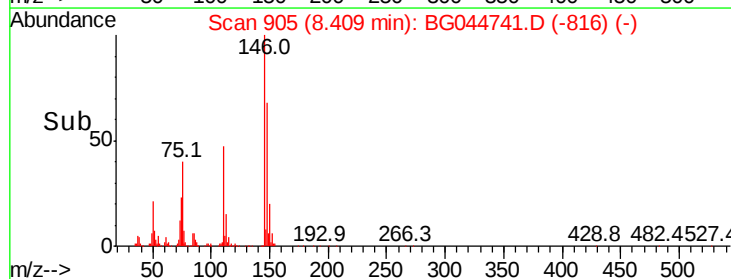
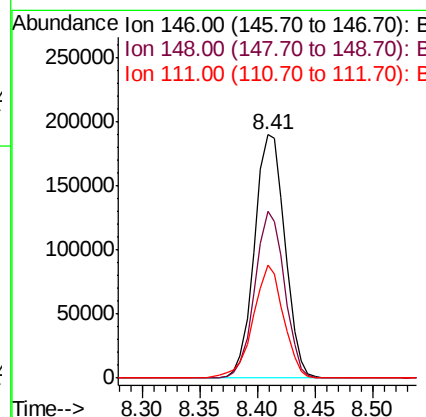
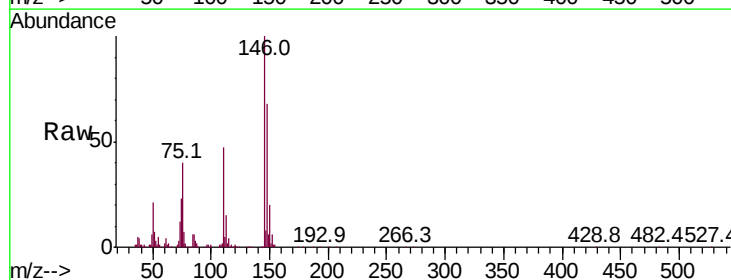
RT: 8.41 min Scan# 905

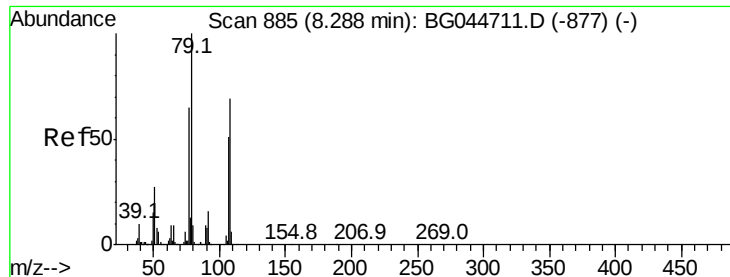
Delta R.T. -0.01 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.4	50.8	76.2
111	46.6	34.8	52.2





#15

Benzyl Alcohol

Concen: 45.646 ng

RT: 8.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

Instrument :

BNA_G

ClientSampled :

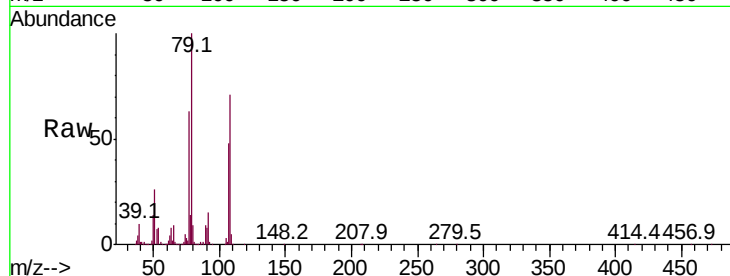
Tot Ion: 79 Resp: 392055

Ion Ratio Lower Upper

79 100

108 71.1 55.4 83.0

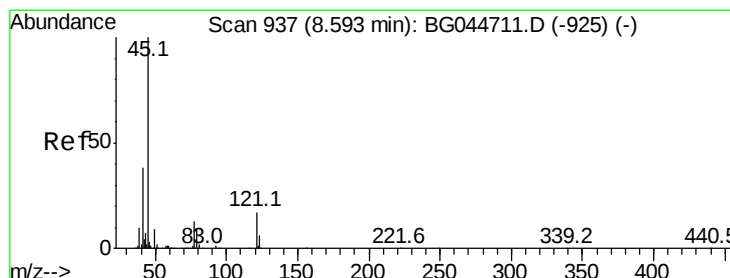
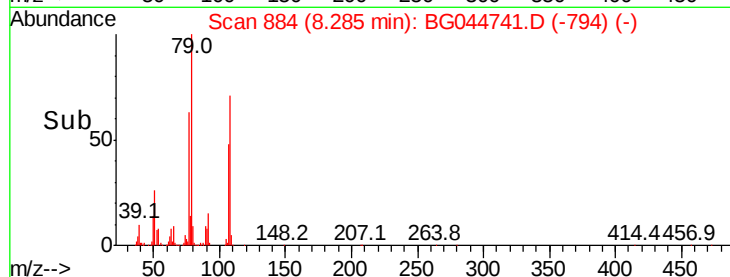
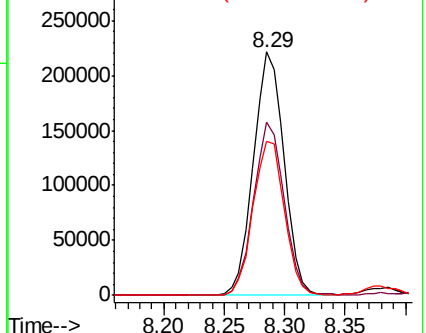
77 63.3 52.2 78.4



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: 39.132 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.01 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

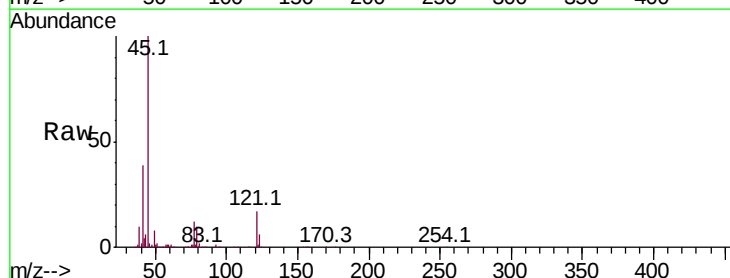
Tgt Ion: 45 Resp: 584100

Ion Ratio Lower Upper

45 100

77 12.4 0.0 33.4

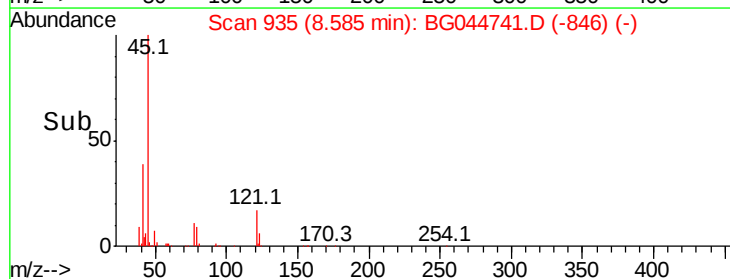
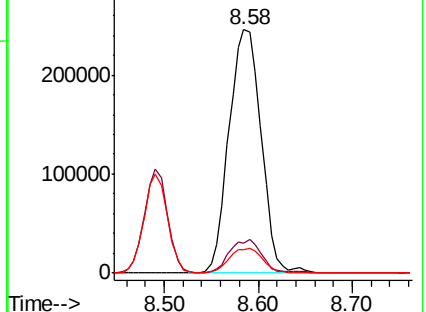
79 9.7 0.0 30.0

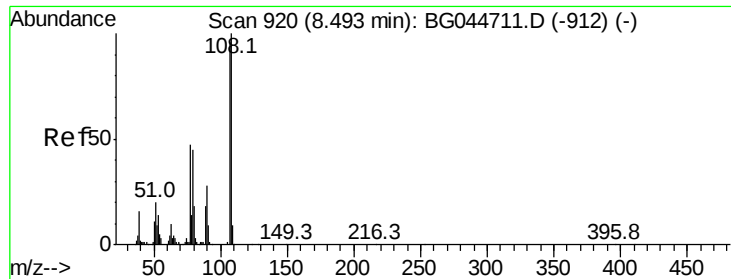


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 47.502 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.00 min

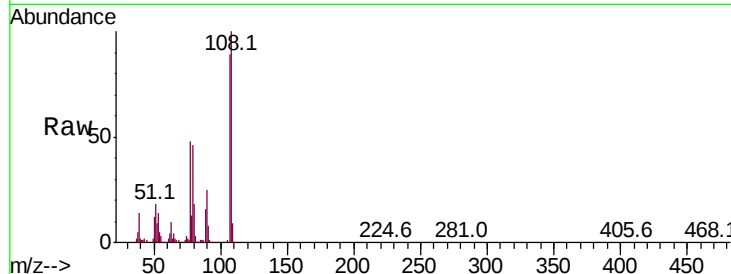
Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 341016

Ion	Ratio	Lower	Upper
107	100		
108	111.8	83.2	124.8
77	53.9	39.0	58.6
79	51.5	37.6	56.4



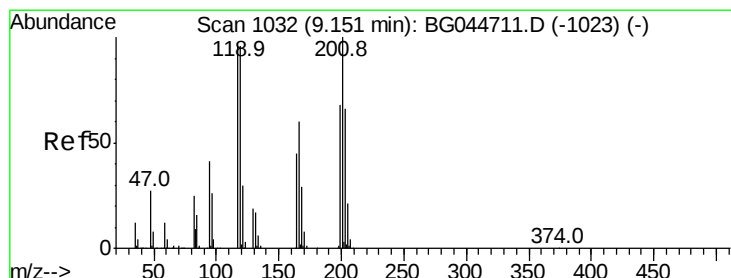
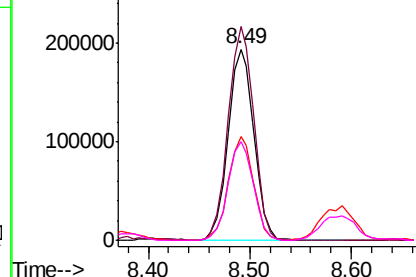
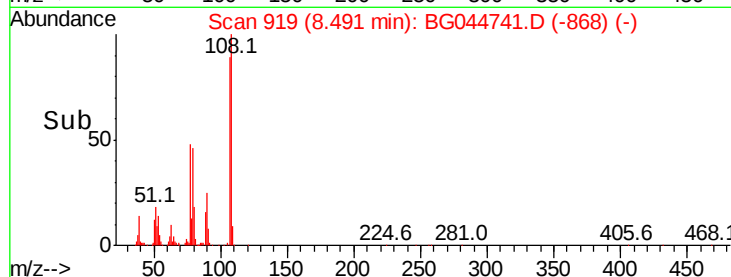
Abundance

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: 41.772 ng

RT: 9.15 min Scan# 1031

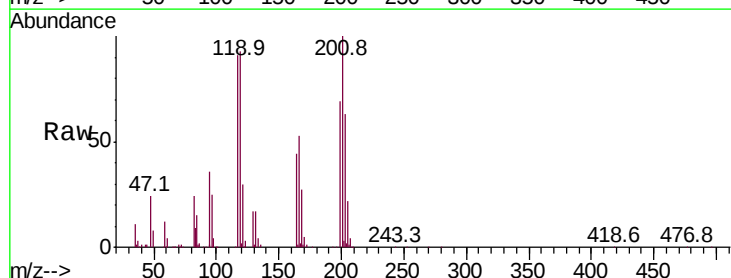
Delta R.T. -0.00 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

Tgt Ion:117 Resp: 147309

Ion	Ratio	Lower	Upper
117	100		
119	102.4	80.2	120.4
201	110.0	83.4	125.2

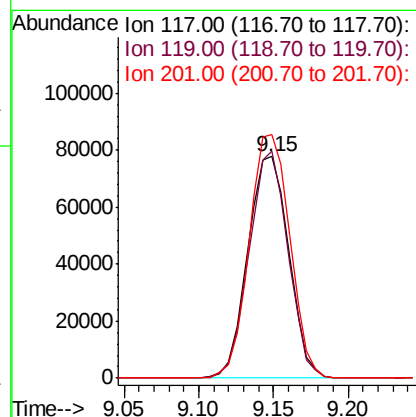
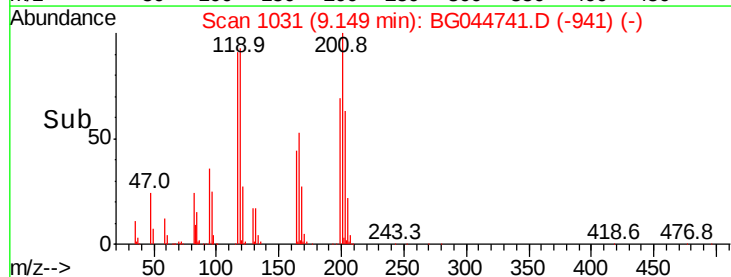


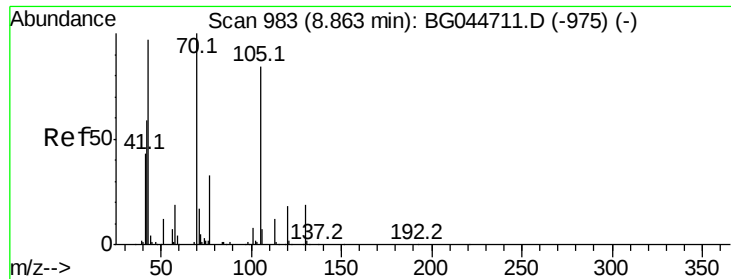
Abundance

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

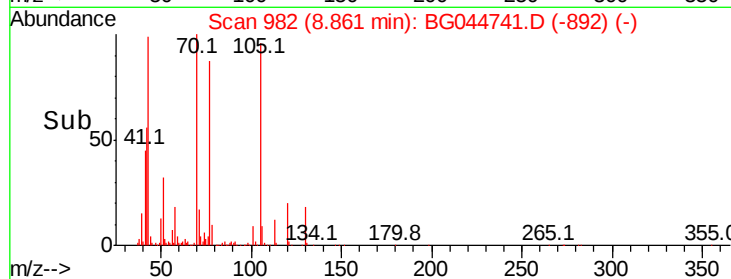
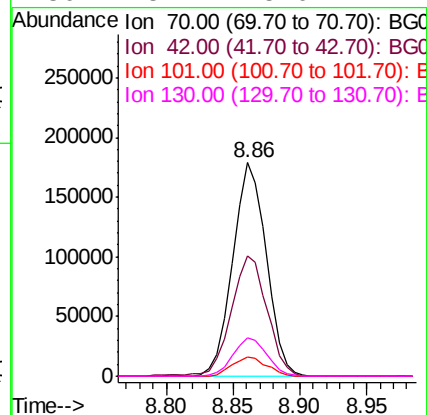
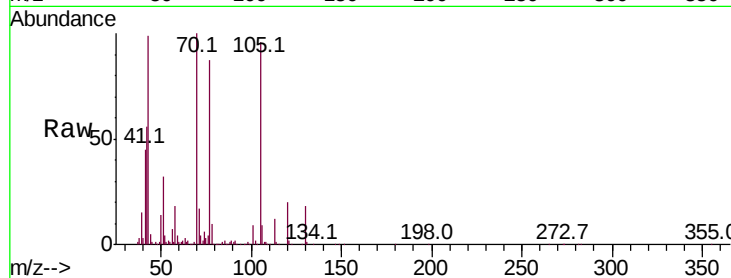




#19
n-Nitroso-di-n-propylamine
Concen: 41.438 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG044741.D
Acq: 12 Mar 2020 18:50

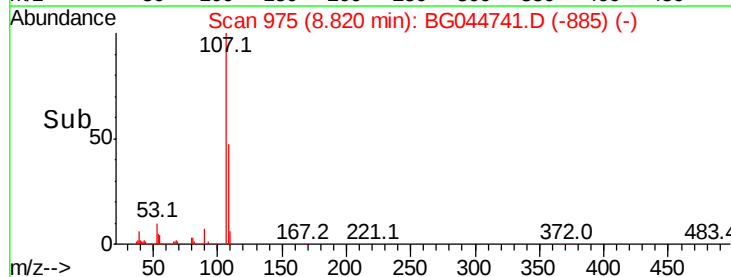
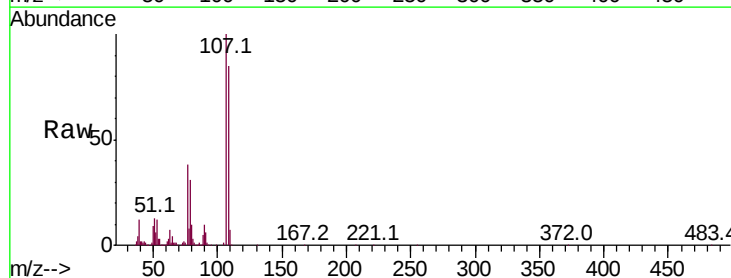
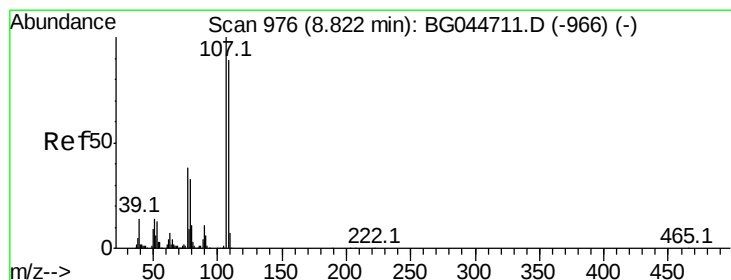
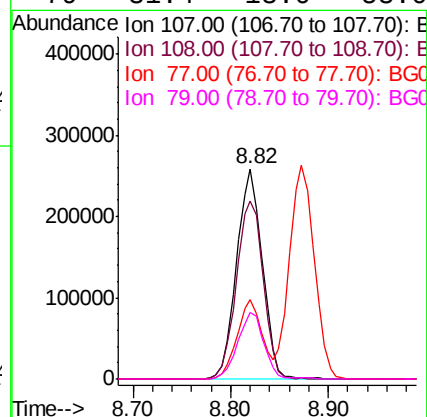
Instrument :
BNA_G
ClientSampleId :

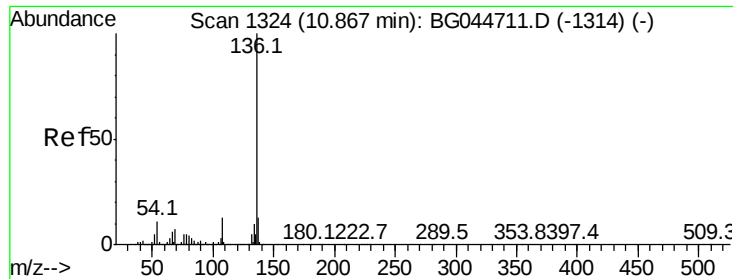
Tot Ion: 70 Resp: 313228
Ion Ratio Lower Upper
70 100
42 56.1 47.6 71.4
101 9.2 6.5 9.7
130 18.2 15.0 22.4



#20
3+4-Methylphenols
Concen: 47.661 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG044741.D
Acq: 12 Mar 2020 18:50

Tgt Ion: 107 Resp: 471665
Ion Ratio Lower Upper
107 100
108 84.6 69.1 109.1
77 37.9 17.7 57.7
79 31.4 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: BG044741.D

Acq: 12 Mar 2020 18:50

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 459695

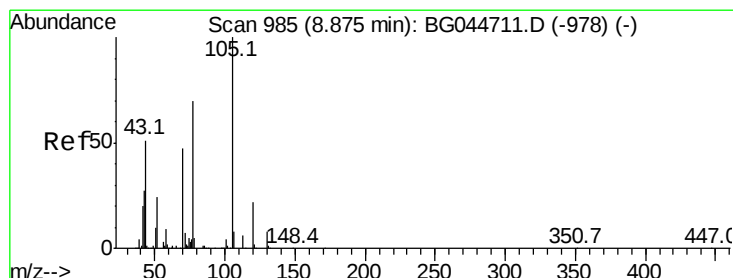
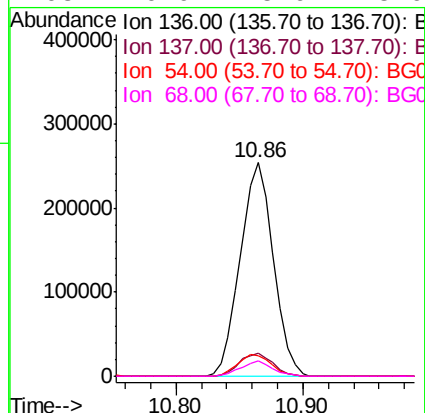
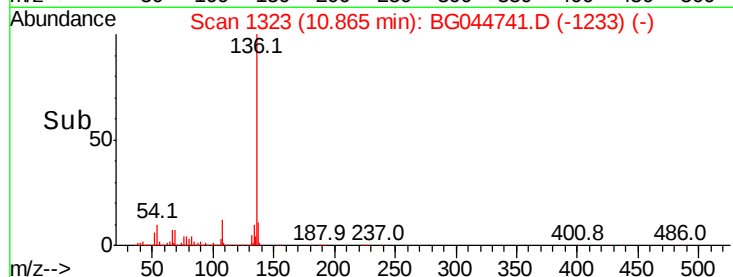
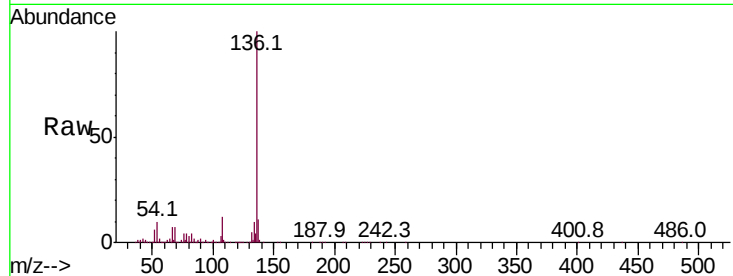
Ion Ratio Lower Upper

136 100

137 10.5 10.7 16.1#

54 9.7 9.0 13.4

68 6.9 5.9 8.9



#22

Acetophenone

Concen: 42.582 ng

RT: 8.87 min Scan# 984

Delta R.T. -0.00 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

Tgt Ion:105 Resp: 554552

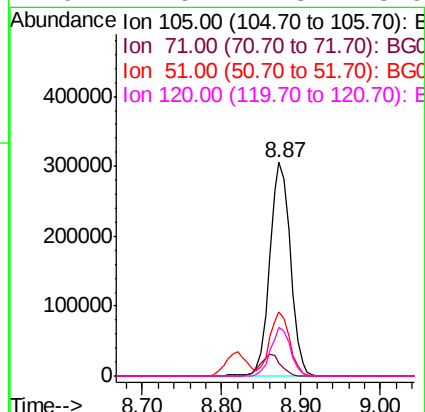
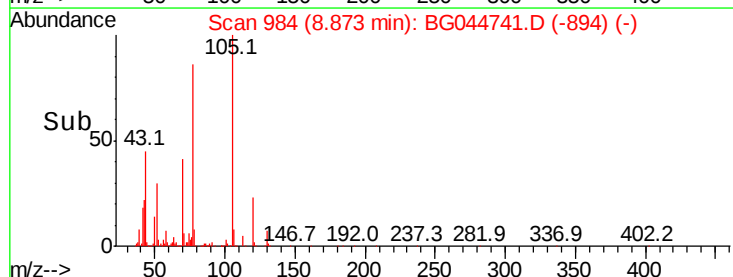
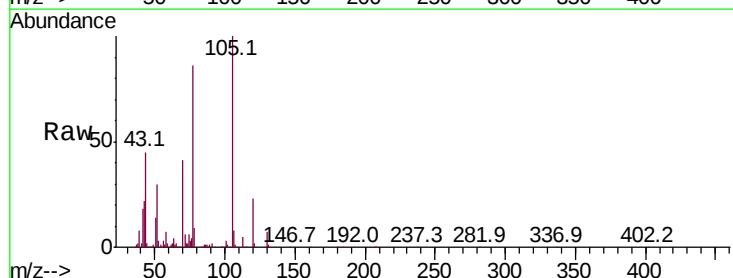
Ion Ratio Lower Upper

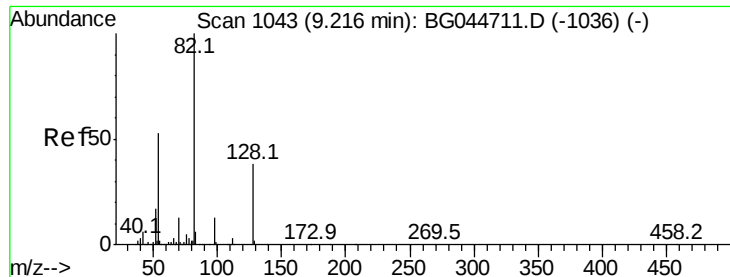
105 100

71 6.3 5.8 8.8

51 30.0 23.8 35.8

120 22.6 17.3 25.9

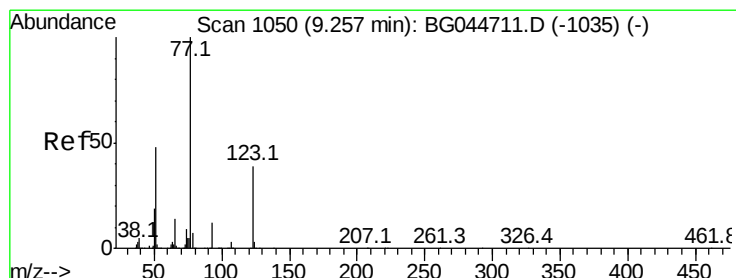
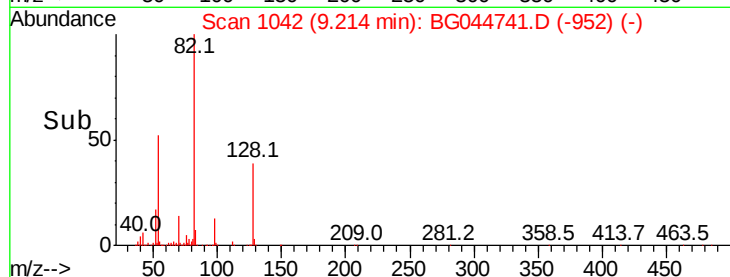
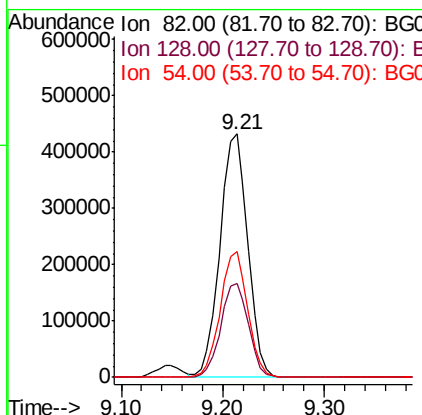
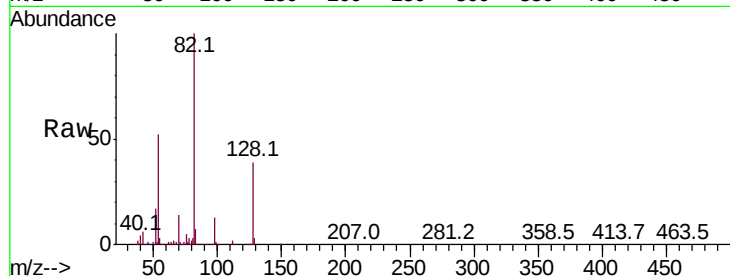




#23
 Nitrobenzene-d5
 Concen: 78.221 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG044741.D
 Acq: 12 Mar 2020 18:50

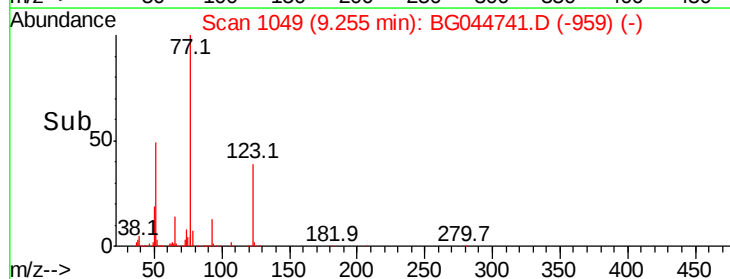
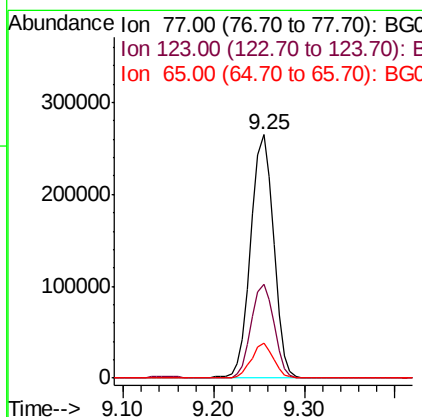
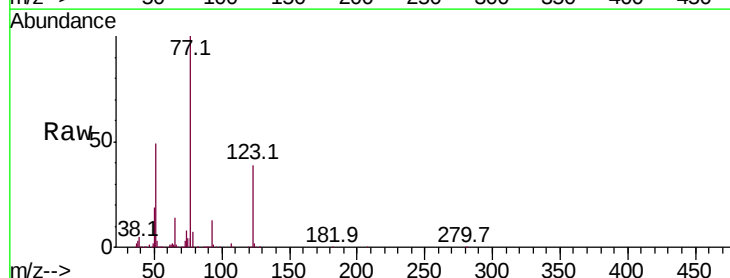
Instrument :
 BNA_G
 ClientSampled :

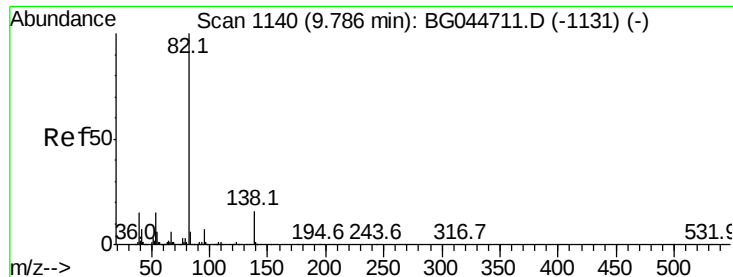
Tot Ion	82	Resp	819436
Ion Ratio	Lower	Upper	
82	100		
128	38.7	30.2	45.2
54	51.9	41.8	62.8



#24
 Nitrobenzene
 Concen: 42.918 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG044741.D
 Acq: 12 Mar 2020 18:50

Tgt Ion	77	Resp	466509
Ion Ratio	Lower	Upper	
77	100		
123	38.6	31.5	47.3
65	14.4	11.0	16.4





#25

Isophorone

Concen: 42.825 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

Instrument :

BNA_G

ClientSampleId :

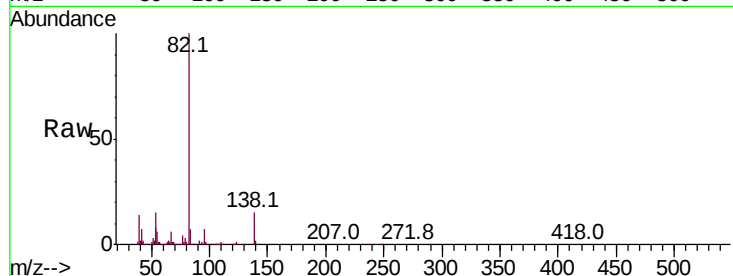
Tot Ion: 82 Resp: 875580

Ion Ratio Lower Upper

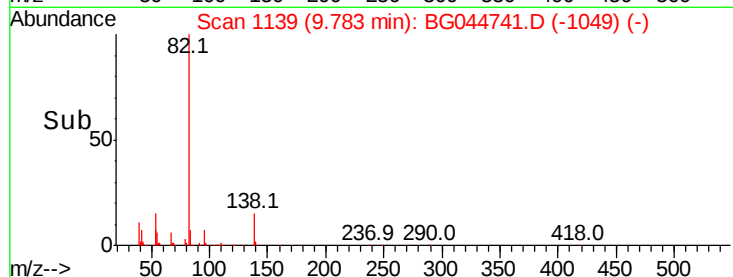
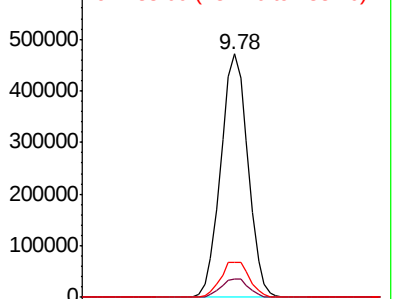
82 100

95 7.4 5.6 8.4

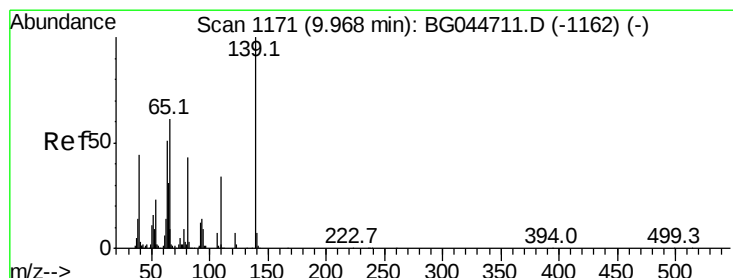
138 14.6 13.0 19.4



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



Time-->



#26

2-Nitrophenol

Concen: 48.755 ng

RT: 9.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

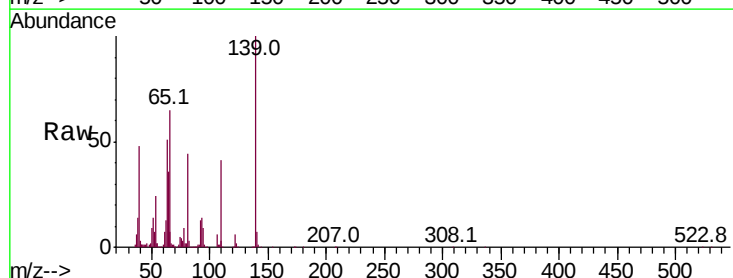
Tgt Ion: 139 Resp: 184356

Ion Ratio Lower Upper

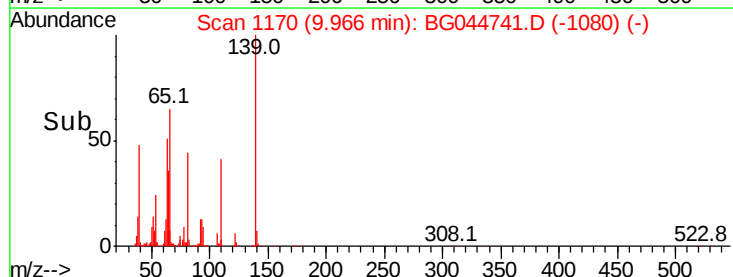
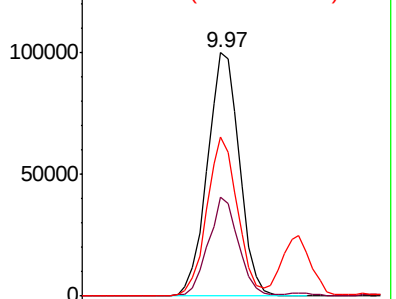
139 100

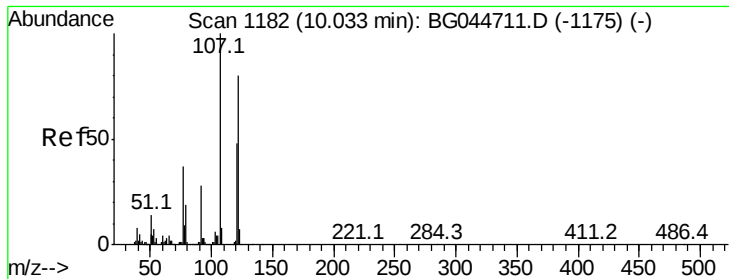
109 40.6 27.0 40.4#

65 65.3 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

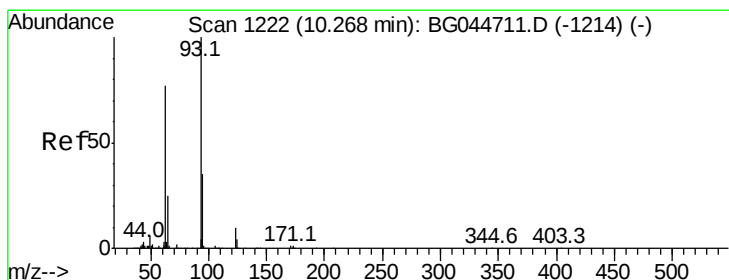
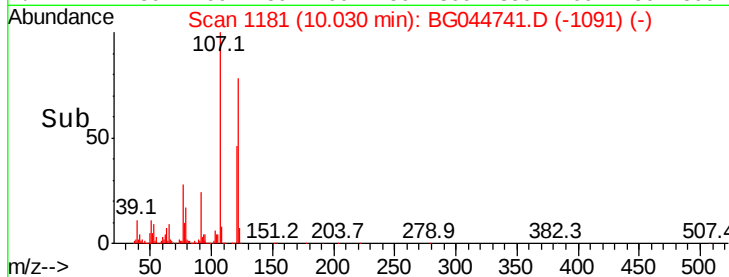
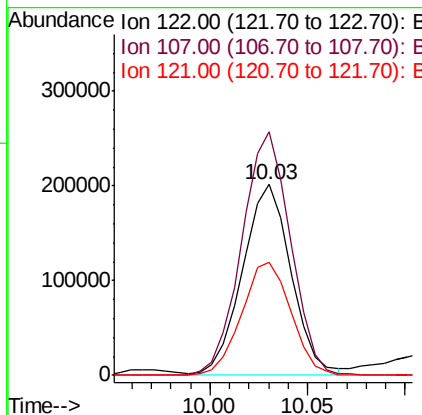
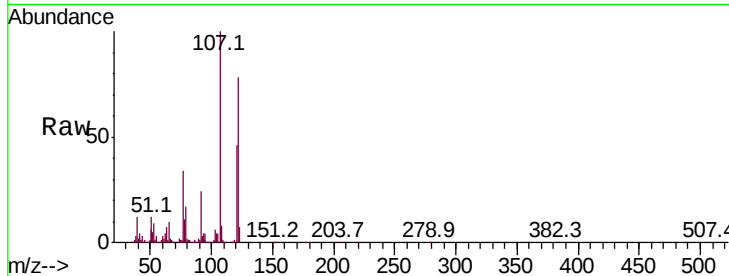




#27
2,4-Dimethylphenol
Concen: 51.857 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BG044741.D
Acq: 12 Mar 2020 18:50

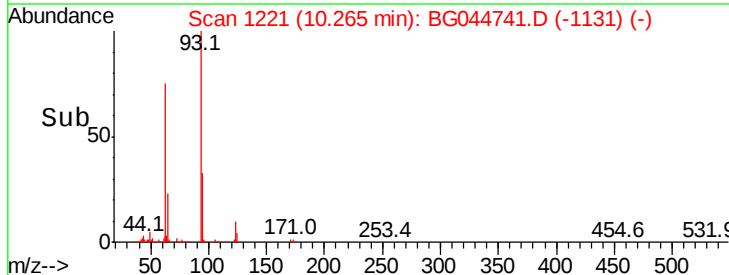
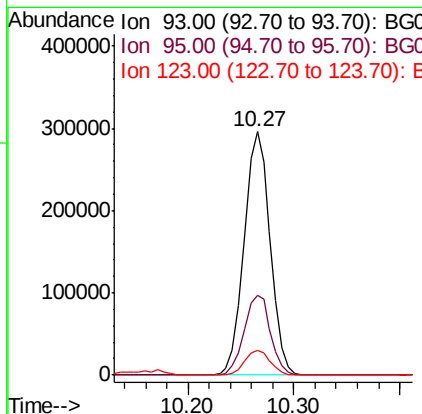
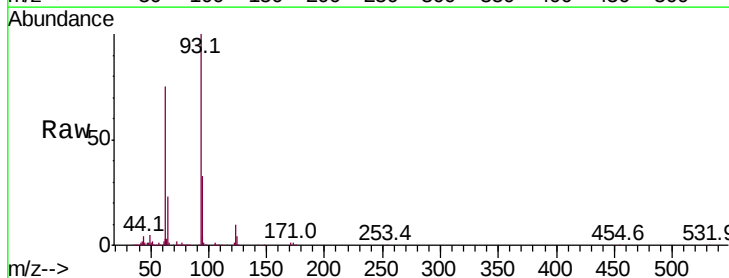
Instrument :
BNA_G
ClientSampleId :

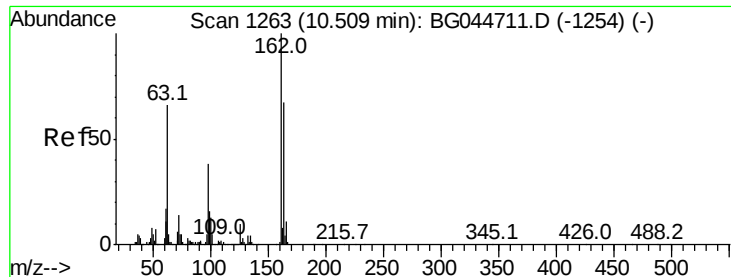
Tot Ion:122 Resp: 345274
Ion Ratio Lower Upper
122 100
107 127.7 99.0 148.6
121 59.1 47.6 71.4



#28
bis(2-Chloroethoxy)methane
Concen: 41.289 ng
RT: 10.27 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG044741.D
Acq: 12 Mar 2020 18:50

Tgt Ion: 93 Resp: 503791
Ion Ratio Lower Upper
93 100
95 32.7 27.7 41.5
123 10.3 8.1 12.1

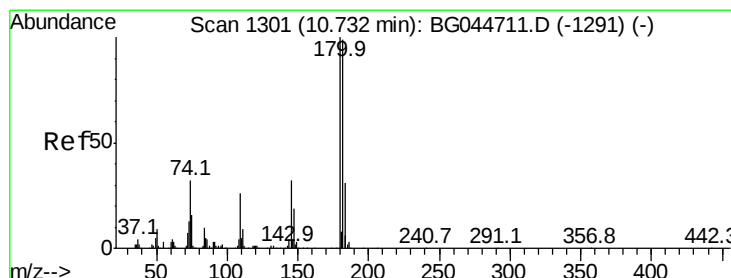
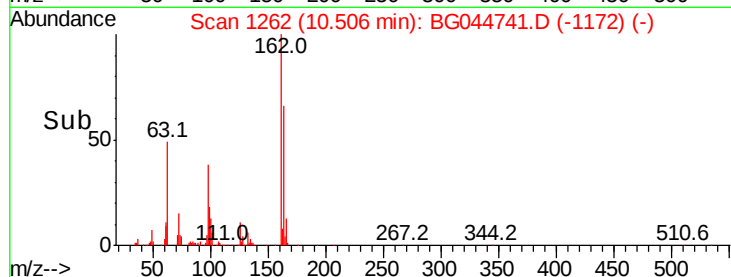
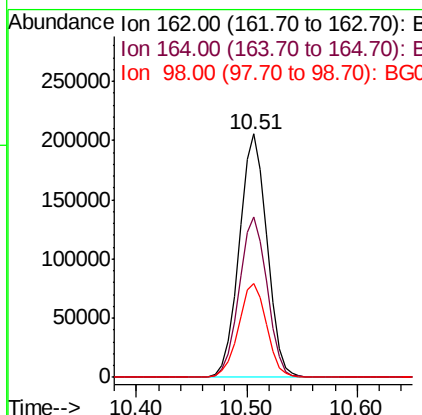
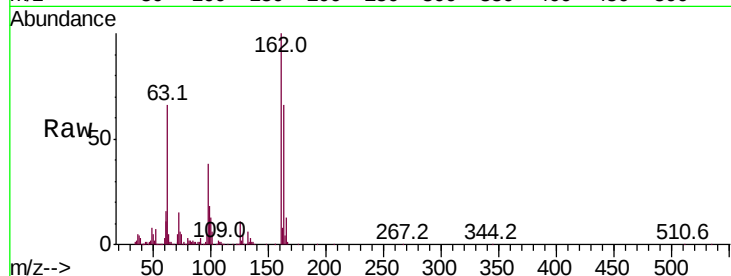




#29
2,4-Dichlorophenol
Concen: 46.785 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BG044741.D
Acq: 12 Mar 2020 18:50

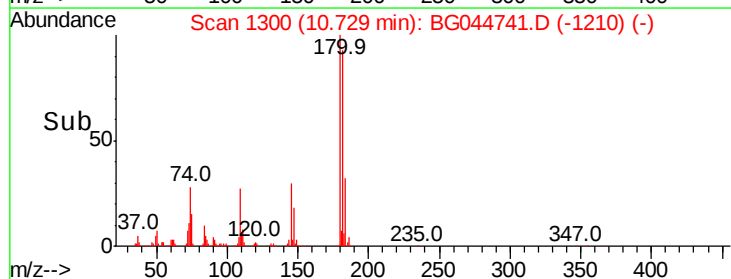
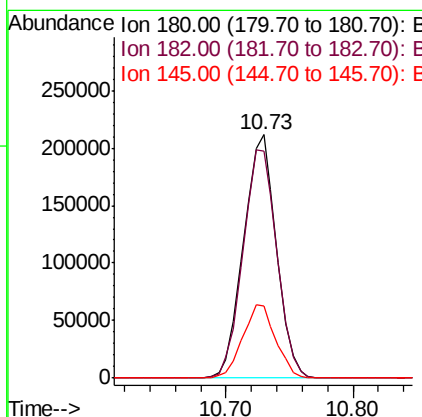
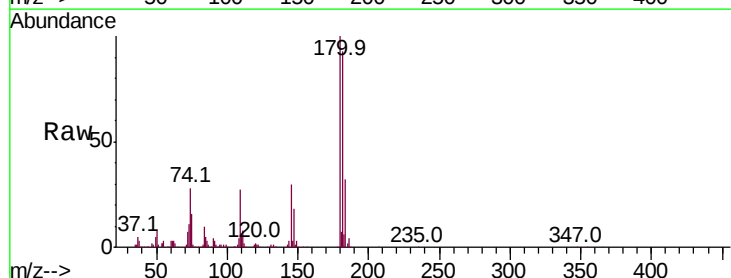
Instrument :
BNA_G
ClientSampleId :

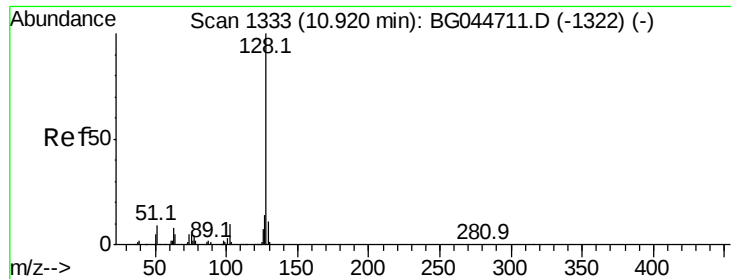
Tot Ion:162 Resp: 363840
Ion Ratio Lower Upper
162 100
164 66.1 46.5 86.5
98 38.3 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 40.903 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG044741.D
Acq: 12 Mar 2020 18:50

Tgt Ion:180 Resp: 380358
Ion Ratio Lower Upper
180 100
182 93.2 78.8 118.2
145 29.5 25.4 38.0

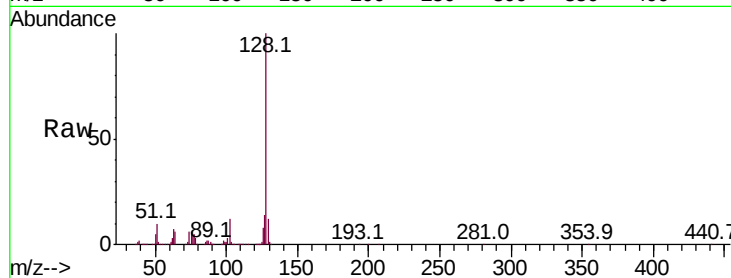




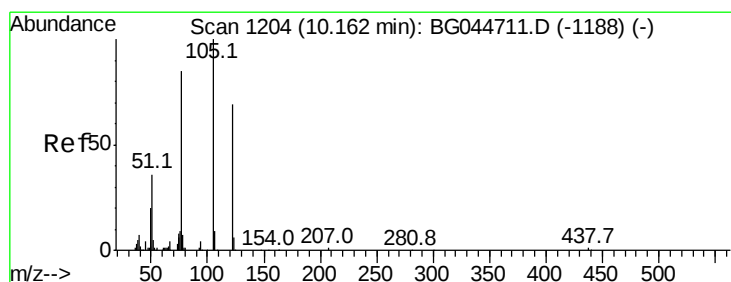
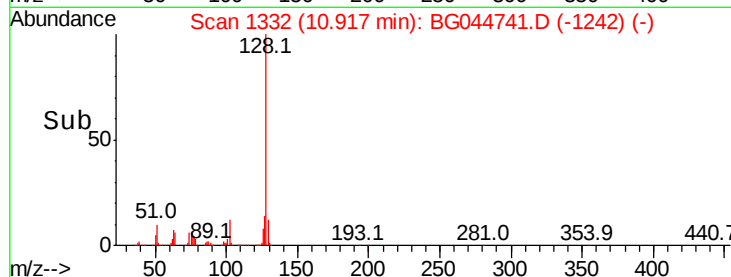
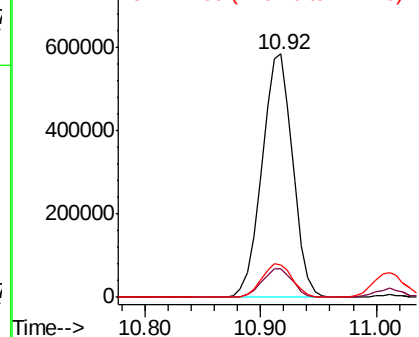
#31
Naphthalene
Concen: 42.313 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG044741.D
Acq: 12 Mar 2020 18:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 1077497
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.4
127 13.5 11.0 16.6

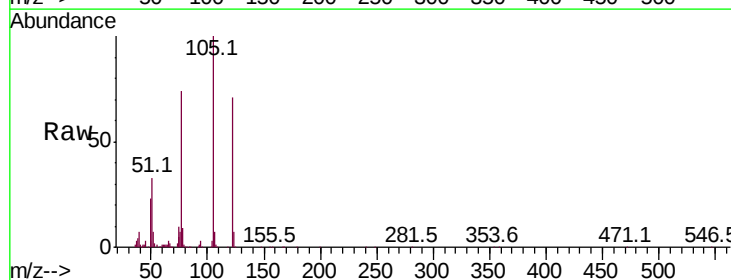


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

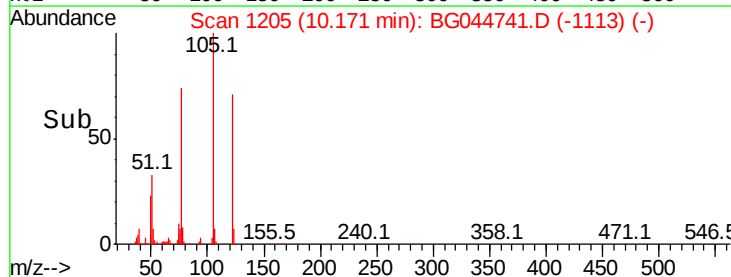
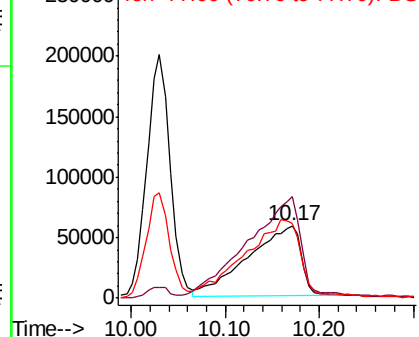


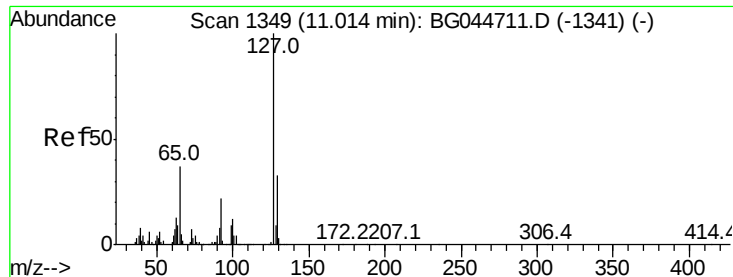
#32
Benzoic acid
Concen: 44.931 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG044741.D
Acq: 12 Mar 2020 18:50

Tgt Ion:122 Resp: 229036
Ion Ratio Lower Upper
122 100
105 141.0 119.0 159.0
77 104.1 96.4 136.4



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

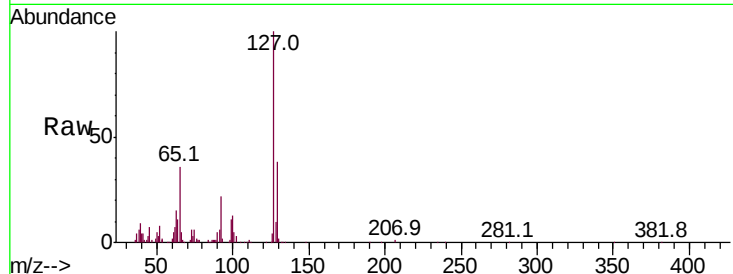




#33
4-Chloroaniline
Concen: 10.139 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BG044741.D
Acq: 12 Mar 2020 18:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	116318
Ion	Ratio	Lower	Upper
127	100		
129	38.4	26.2	39.4
65	36.0	29.6	44.4
92	22.4	17.4	26.0



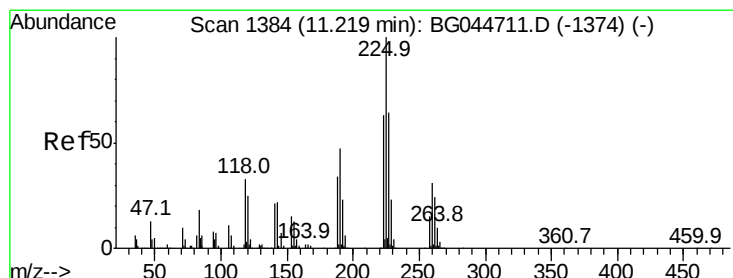
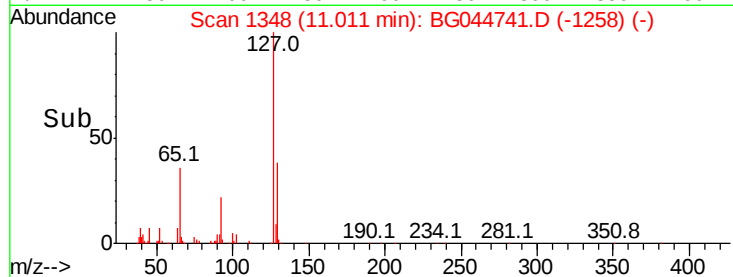
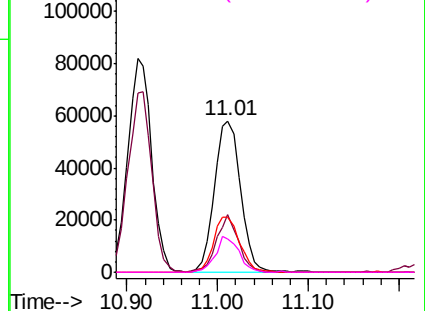
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

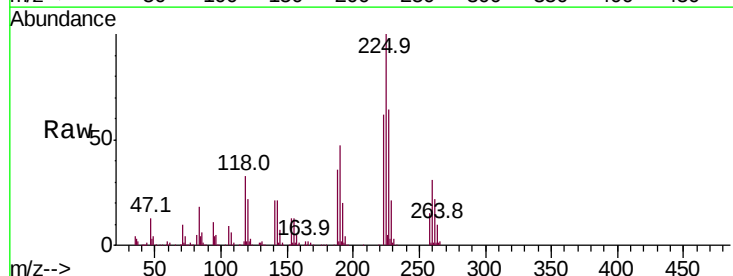
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 41.285 ng
RT: 11.21 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG044741.D
Acq: 12 Mar 2020 18:50

Tgt Ion:	225	Resp:	252465
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.6	76.0
227	63.5	51.6	77.4

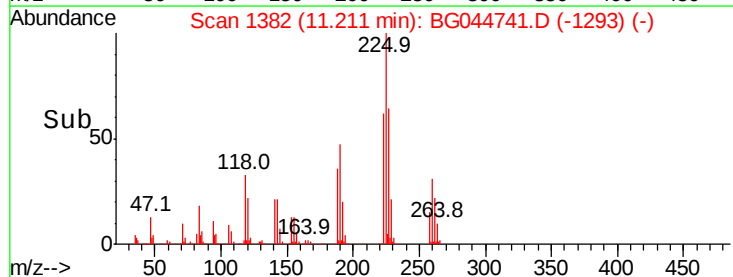
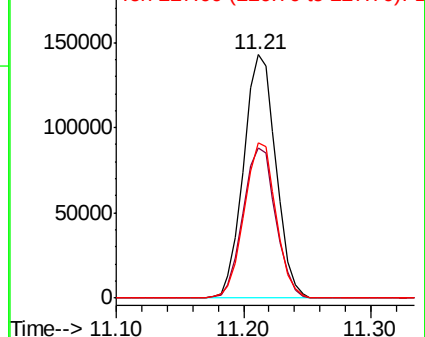


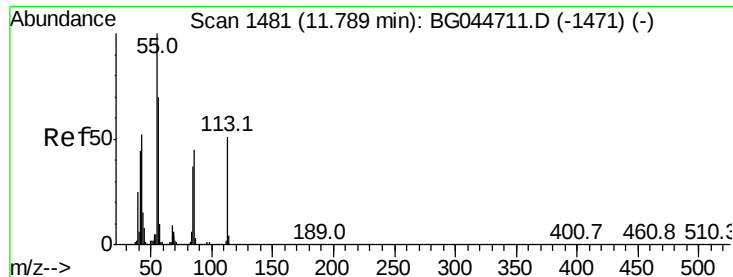
Abundance

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: 21.213 ng

RT: 11.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

Instrument :

BNA_G

ClientSampleId :

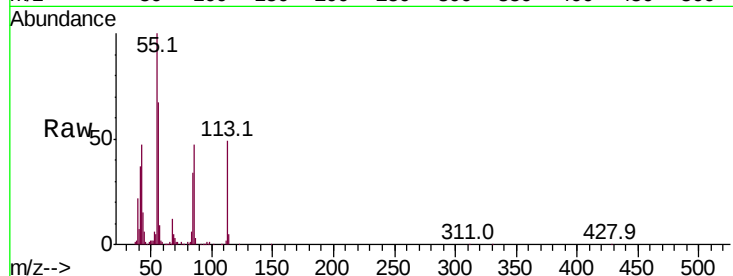
Tot Ion:113 Resp: 62462

Ion Ratio Lower Upper

113 100

55 204.0 178.4 218.4

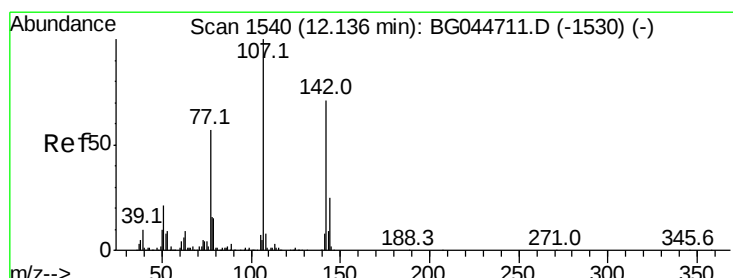
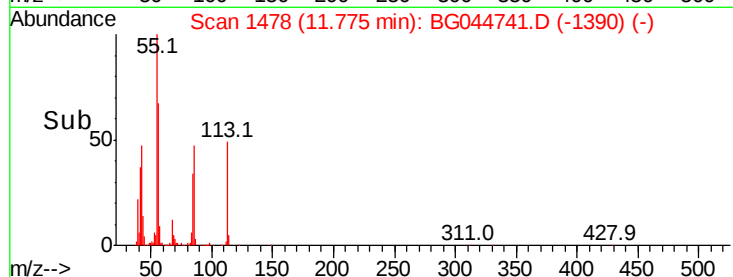
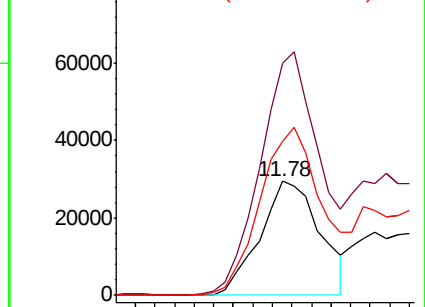
56 135.8 117.7 157.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 45.575 ng

RT: 12.13 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

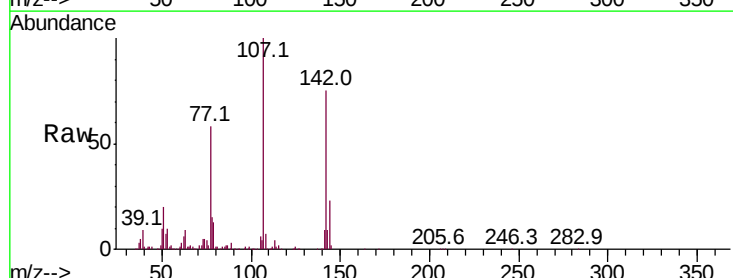
Tgt Ion:107 Resp: 422718

Ion Ratio Lower Upper

107 100

144 23.0 19.6 29.4

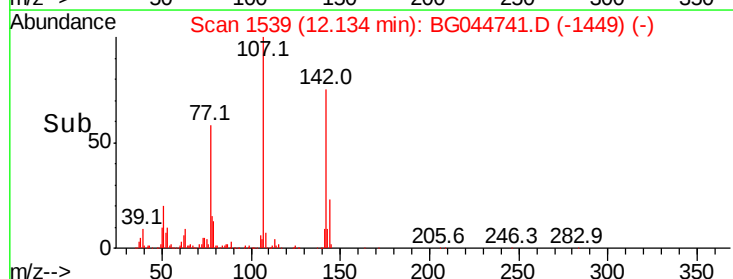
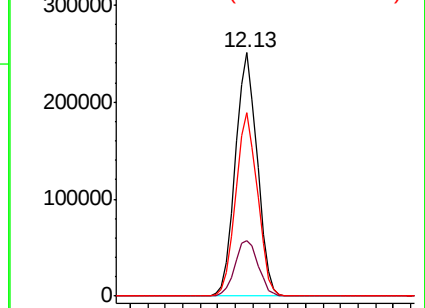
142 75.4 56.5 84.7

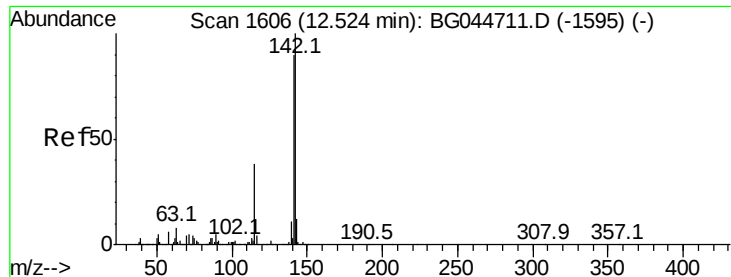


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

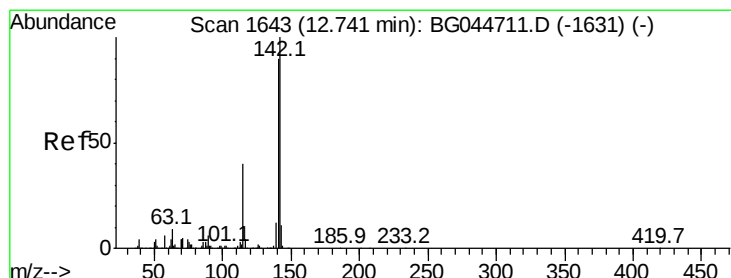
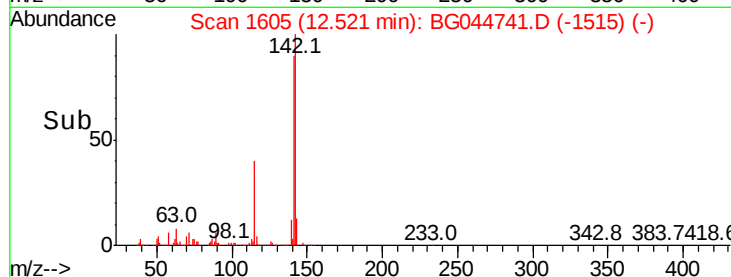
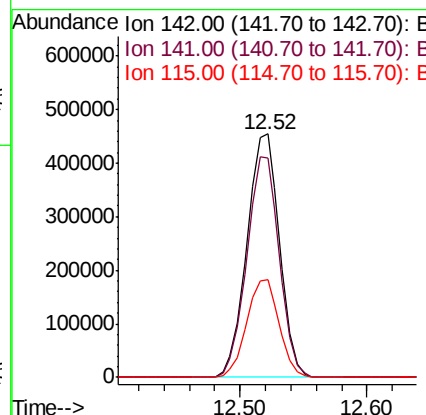
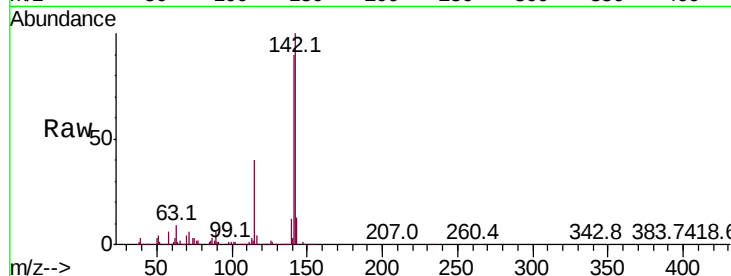




#37
2-Methylnaphthalene
Concen: 42.491 ng
RT: 12.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BG044741.D
Acq: 12 Mar 2020 18:50

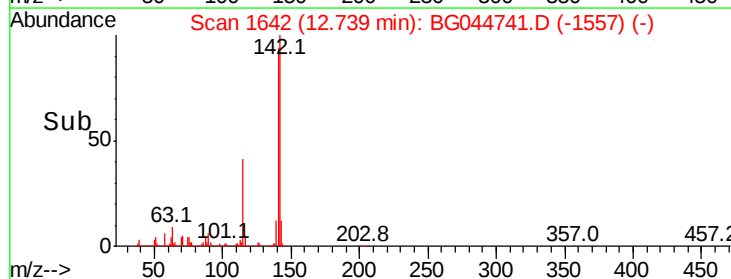
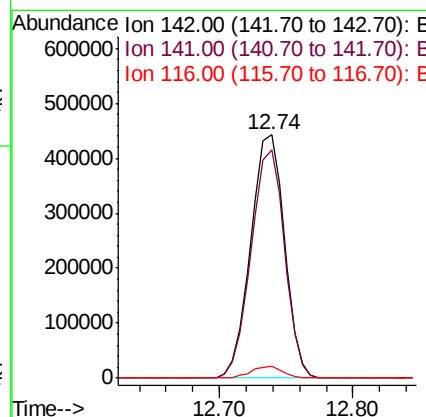
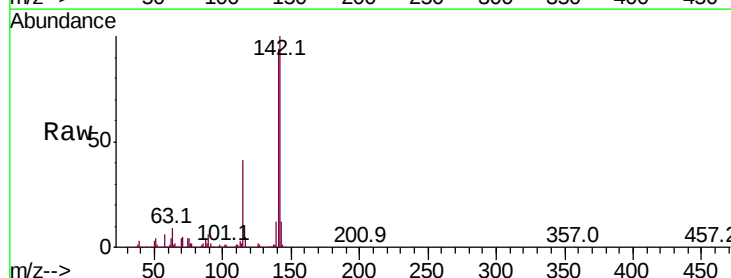
Instrument :
BNA_G
ClientSampleId :

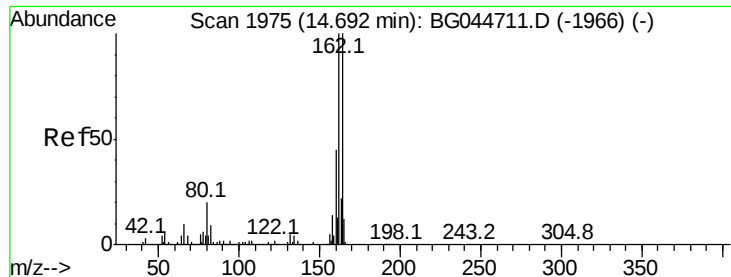
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.3	108.5
115	40.3	30.6	45.8



#38
1-Methylnaphthalene
Concen: 43.161 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.00 min
Lab File: BG044741.D
Acq: 12 Mar 2020 18:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	72.2	108.2
116	4.6	3.5	5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

Instrument :

BNA_G

ClientSampled :

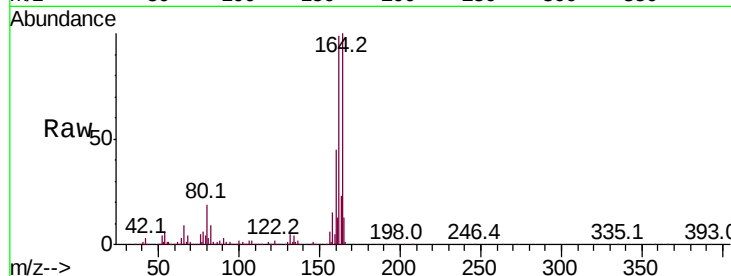
Tot Ion:164 Resp: 314612

Ion Ratio Lower Upper

164 100

162 98.5 80.2 120.4

160 45.2 36.2 54.2

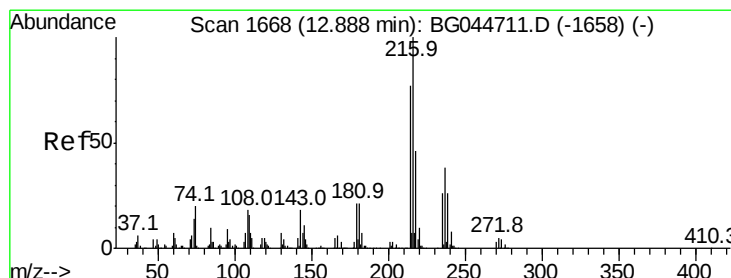
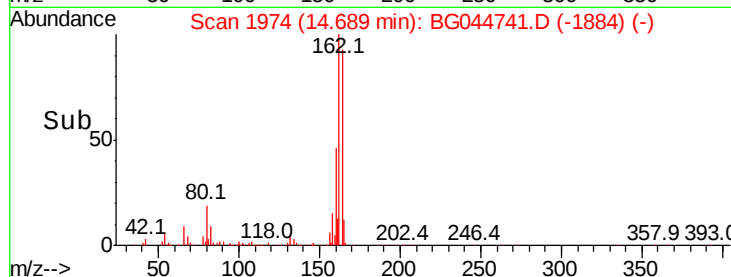
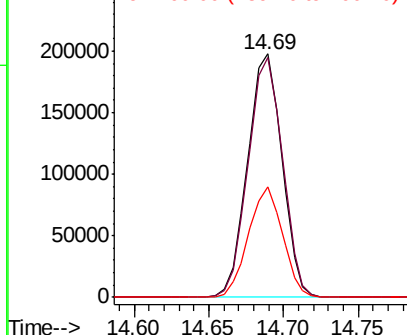


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.691 ng

RT: 12.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

Tgt Ion:216 Resp: 421601

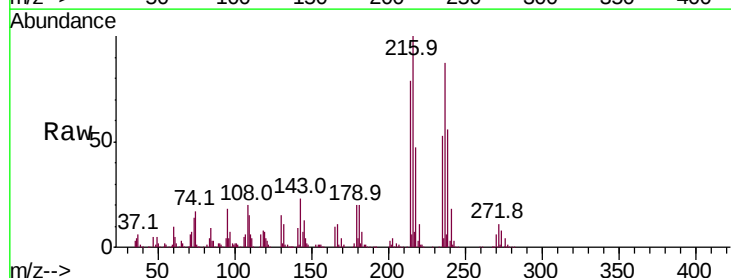
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 20.8 16.6 24.8

108 21.5 15.6 23.4



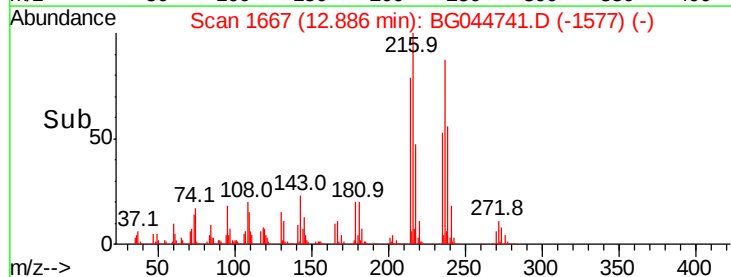
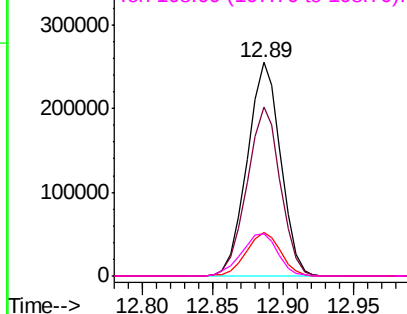
Abundance

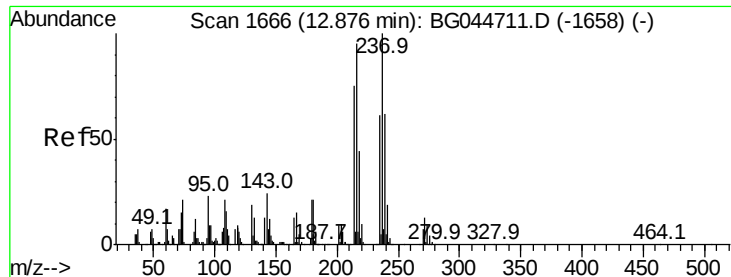
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 100.729 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

Instrument :

BNA_G

ClientSampleId :

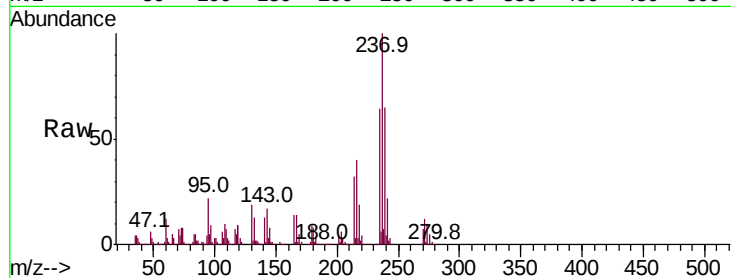
Tot Ion:237 Resp: 570372

Ion Ratio Lower Upper

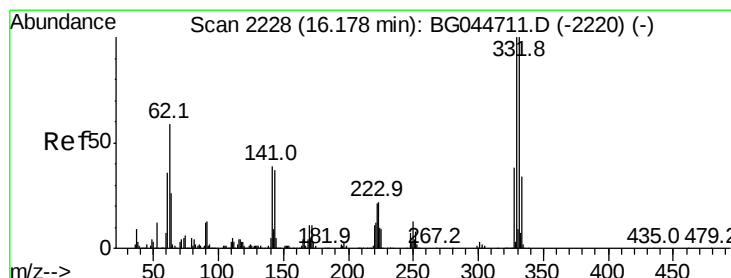
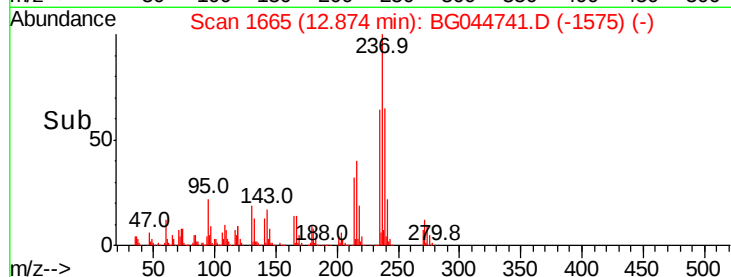
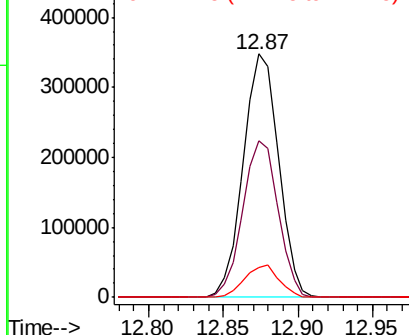
237 100

235 64.3 40.6 80.6

272 12.4 0.0 32.5



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



#42

2,4,6-Tribromophenol

Concen: 116.790 ng

RT: 16.18 min Scan# 2227

Delta R.T. -0.00 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

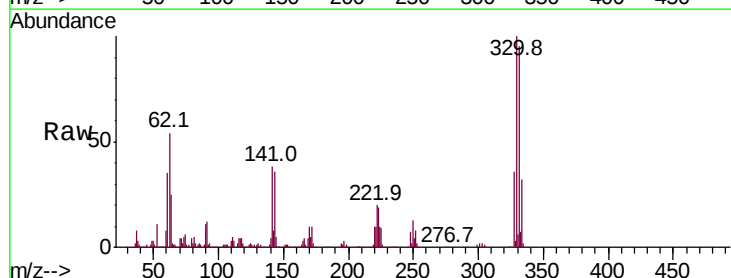
Tgt Ion:330 Resp: 481102

Ion Ratio Lower Upper

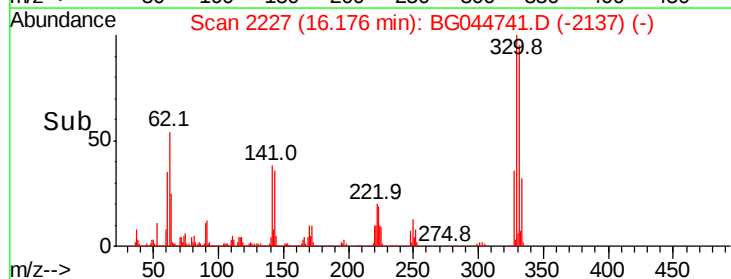
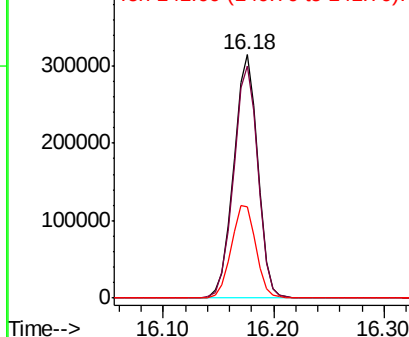
330 100

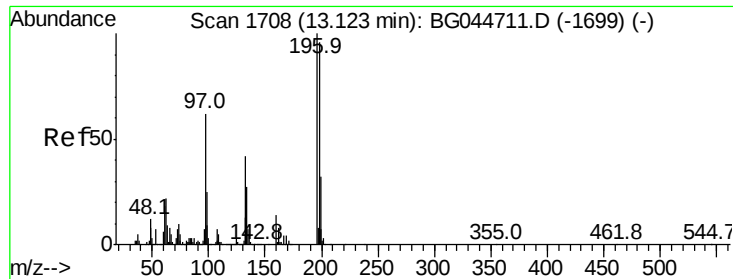
332 96.2 77.5 116.3

141 39.3 31.7 47.5



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

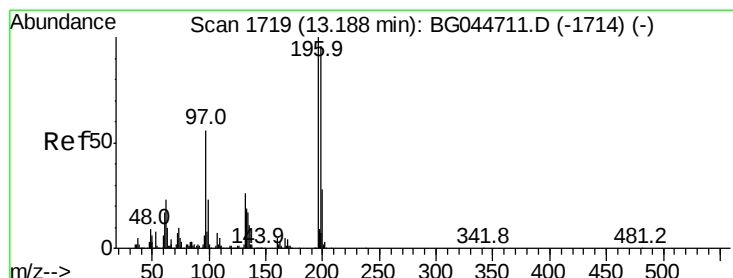
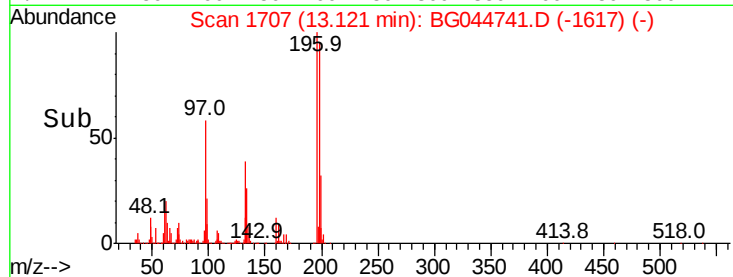
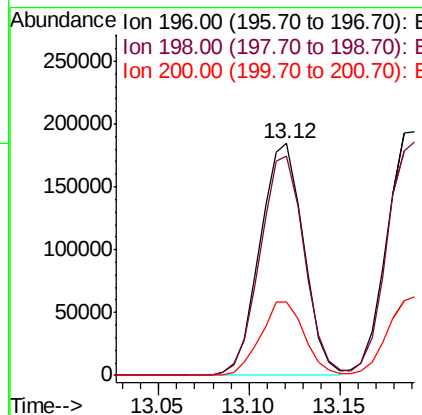
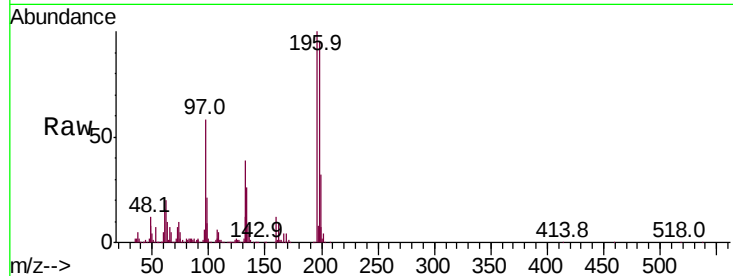




#43
 2,4,6-Trichlorophenol
 Concen: 45.034 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG044741.D
 Acq: 12 Mar 2020 18:50

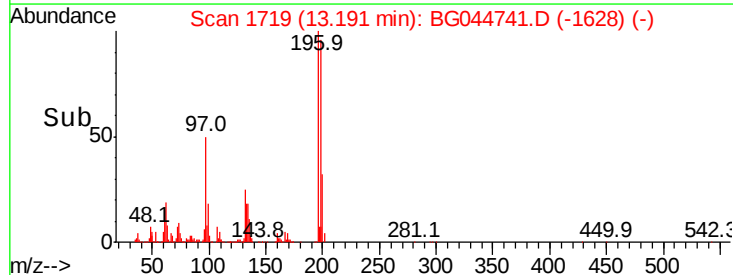
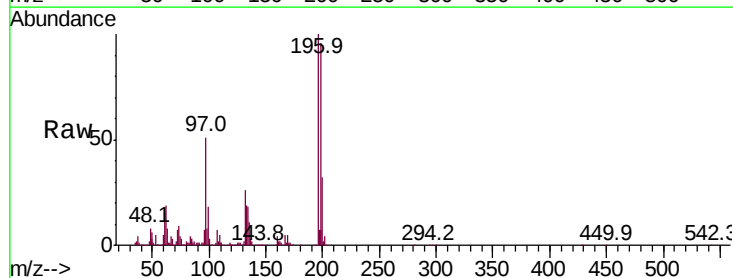
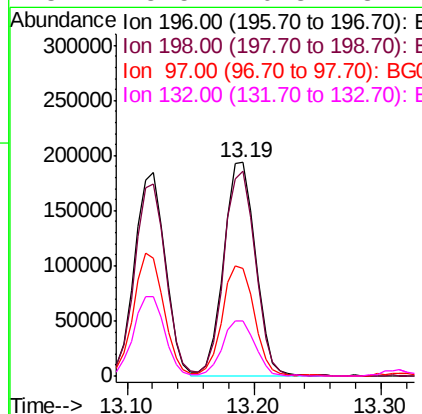
Instrument :
 BNA_G
 ClientSampled :

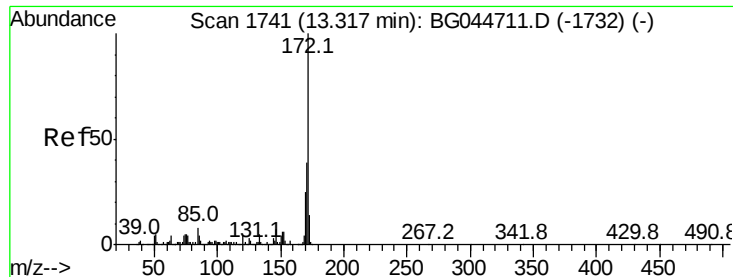
Tot Ion	196	Resp	309658
Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.5	114.7
200	31.8	25.9	38.9



#44
 2,4,5-Trichlorophenol
 Concen: 47.329 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG044741.D
 Acq: 12 Mar 2020 18:50

Tgt Ion	196	Resp	337504
Ion	Ratio	Lower	Upper
196	100		
198	96.1	77.3	115.9
97	50.5	44.9	67.3
132	25.5	20.8	31.2

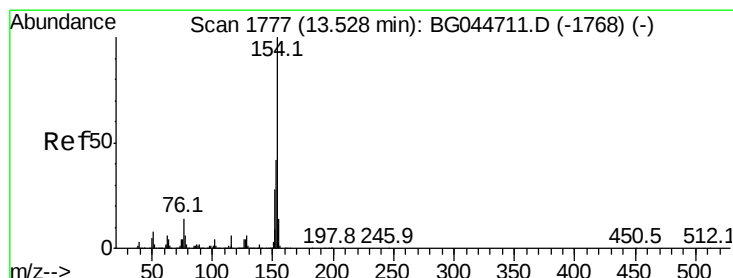
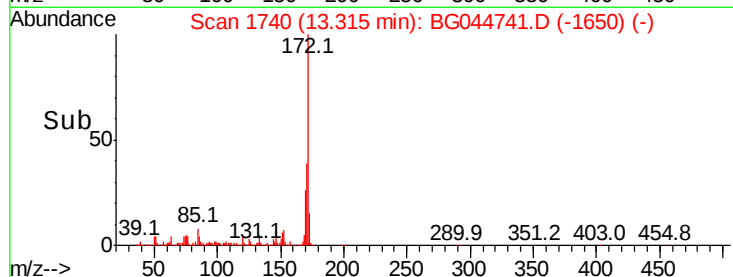
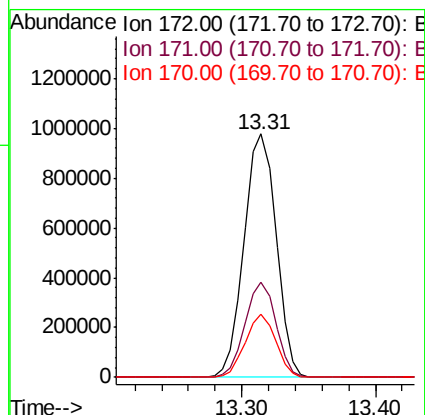
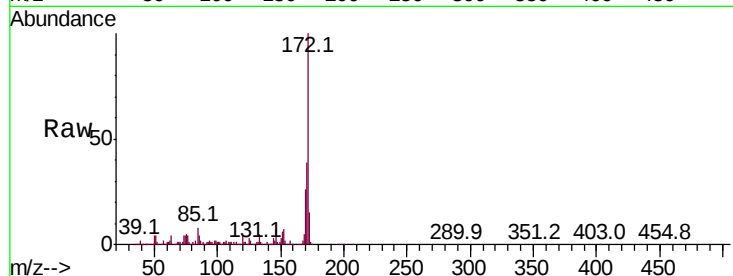




#45
2-Fluorobiphenyl
Concen: 74.095 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG044741.D
Acq: 12 Mar 2020 18:50

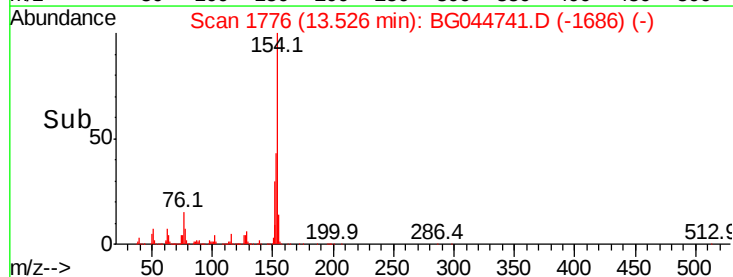
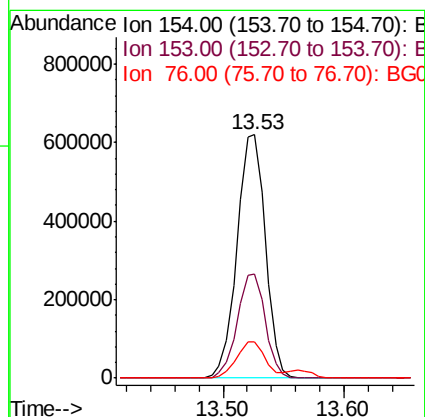
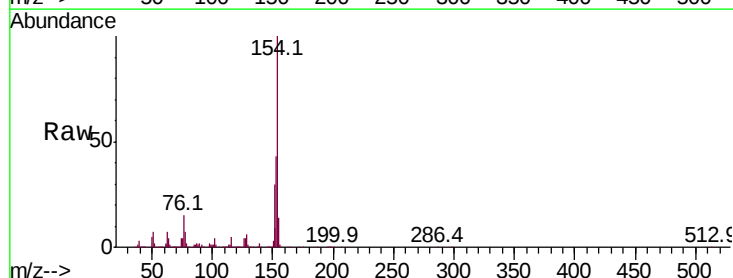
Instrument :
BNA_G
ClientSampleId :

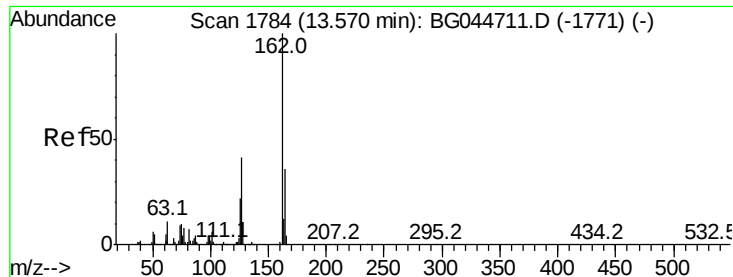
Tot Ion:172 Resp: 1627841
Ion Ratio Lower Upper
172 100
171 38.9 30.8 46.2
170 25.7 20.0 30.0



#46
1,1'-Biphenyl
Concen: 40.422 ng
RT: 13.53 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BG044741.D
Acq: 12 Mar 2020 18:50

Tgt Ion:154 Resp: 1016269
Ion Ratio Lower Upper
154 100
153 42.8 22.0 62.0
76 15.1 0.0 34.2

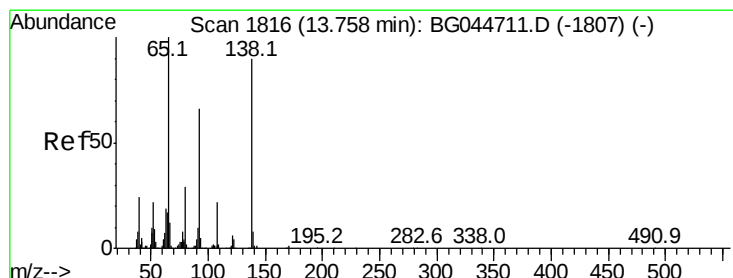
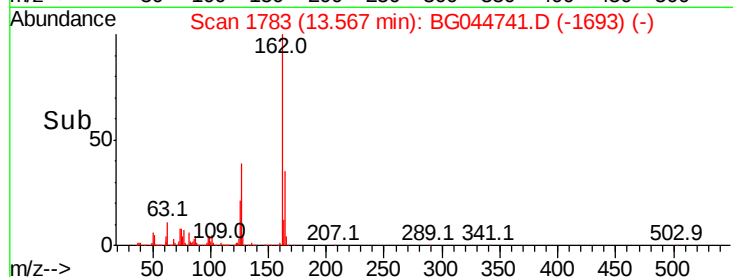
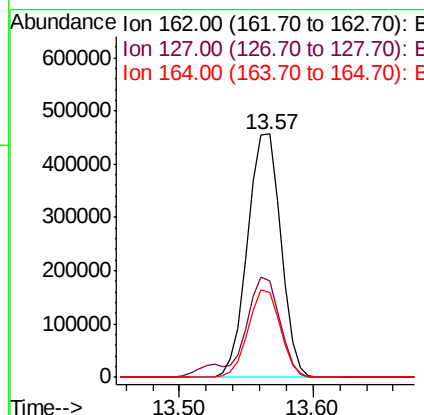
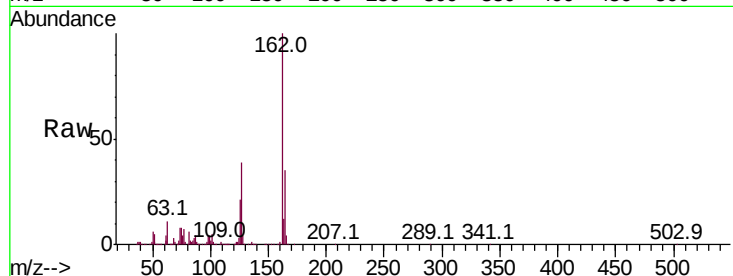




#47
2-Chloronaphthalene
Concen: 40.929 ng
RT: 13.57 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BG044741.D
Acq: 12 Mar 2020 18:50

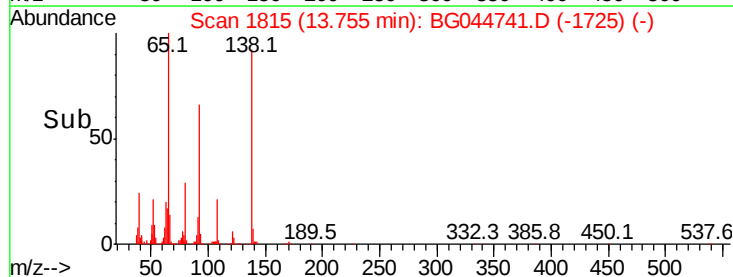
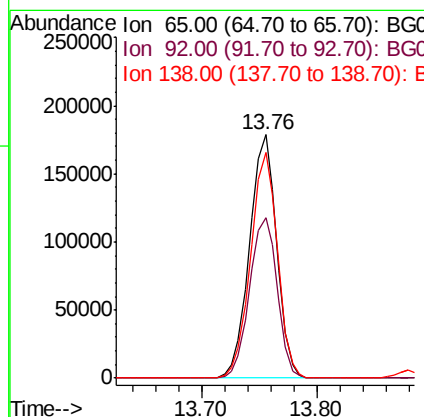
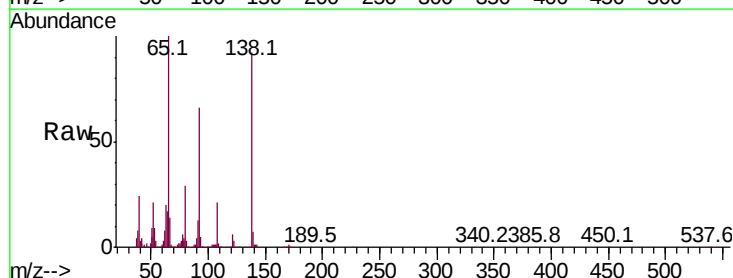
Instrument :
BNA_G
ClientSampleId :

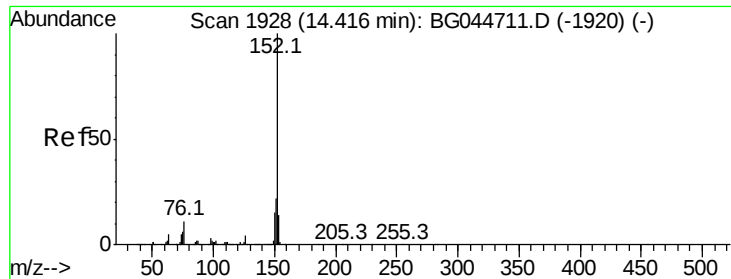
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	32.6	48.8
164	34.7	29.0	43.4



#48
2-Nitroaniline
Concen: 43.492 ng
RT: 13.76 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BG044741.D
Acq: 12 Mar 2020 18:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.6	52.6	79.0
138	92.5	71.8	107.6





#49

Acenaphthylene

Concen: 42.855 ng

RT: 14.41 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

Instrument :

BNA_G

ClientSampleId :

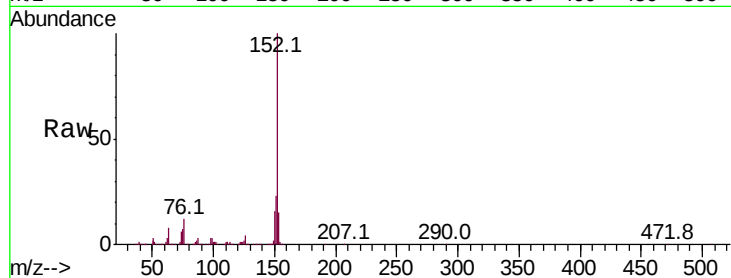
Tot Ion:152 Resp: 1289450

Ion Ratio Lower Upper

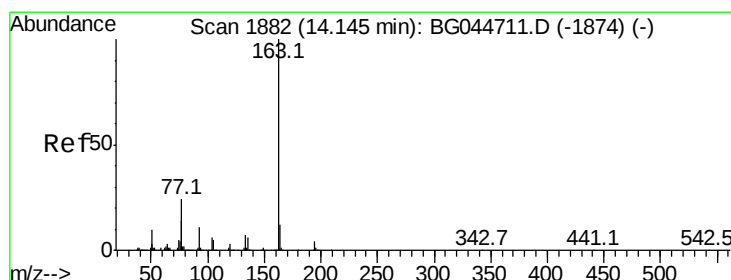
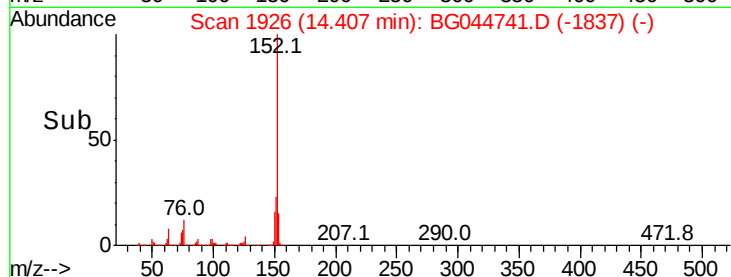
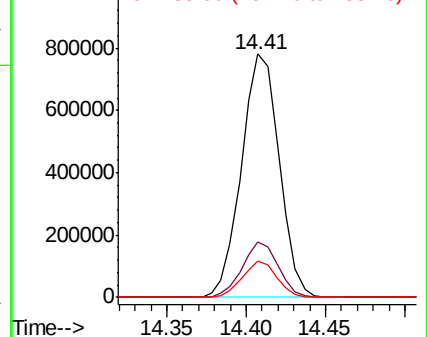
152 100

151 22.9 17.8 26.8

153 14.8 11.4 17.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.386 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

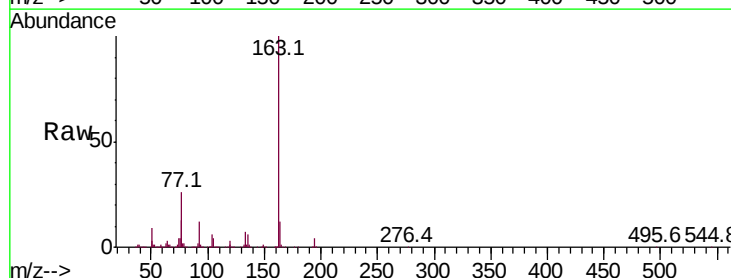
Tgt Ion:163 Resp: 1212417

Ion Ratio Lower Upper

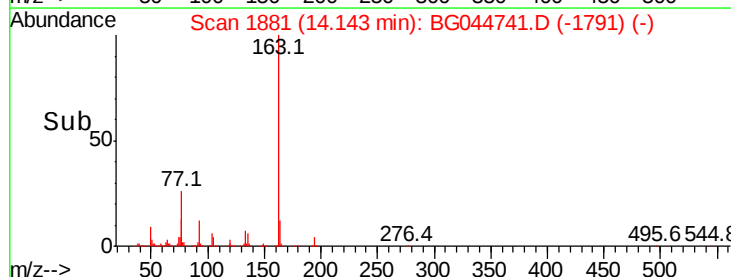
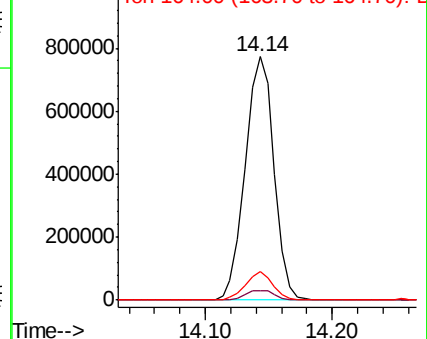
163 100

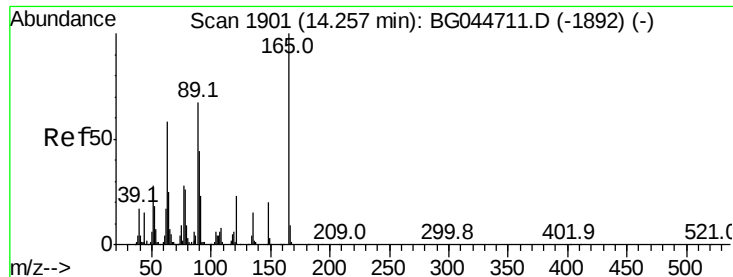
194 4.0 3.5 5.3

164 12.0 9.2 13.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

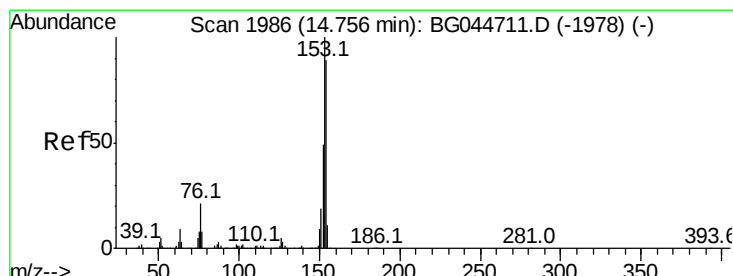
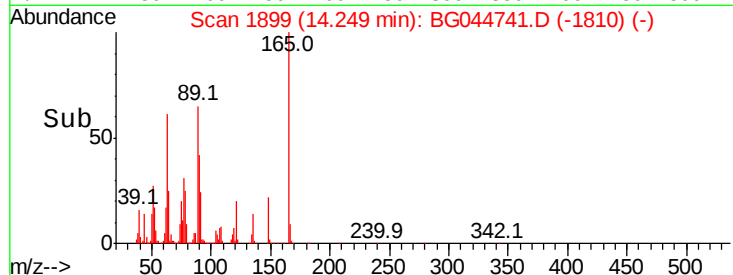
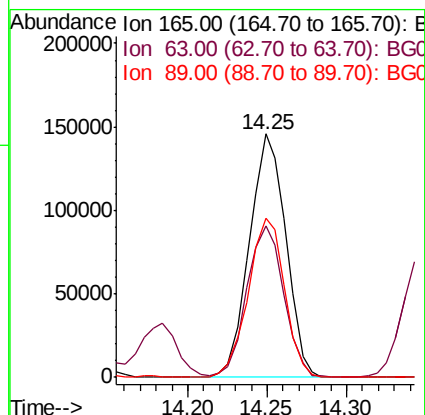
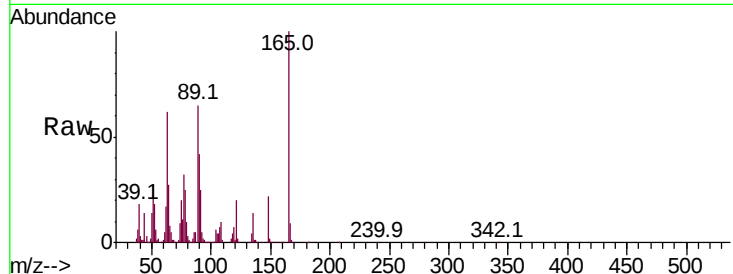




#51
2,6-Dinitrotoluene
Concen: 46.083 ng
RT: 14.25 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BG044741.D
Acq: 12 Mar 2020 18:50

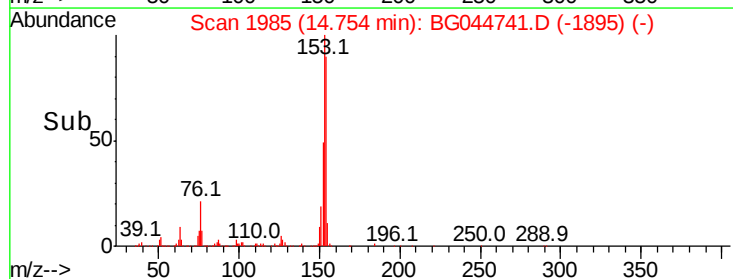
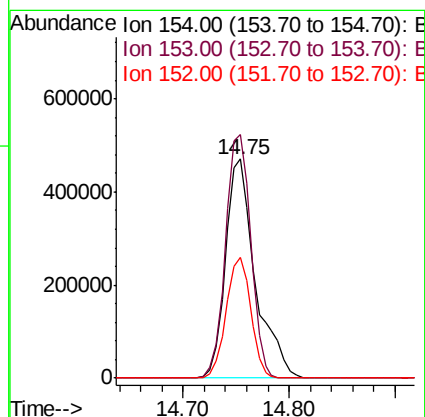
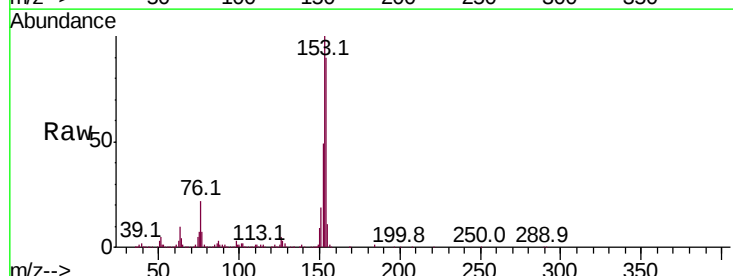
Instrument :
BNA_G
ClientSampleId :

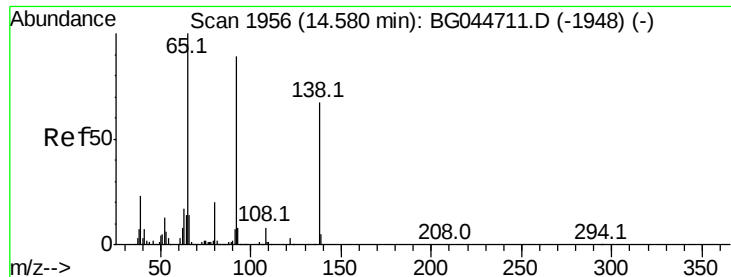
Tot Ion	Ratio	Lower	Upper
165	100		
63	62.3	48.9	73.3
89	65.5	53.8	80.8



#52
Acenaphthene
Concen: 46.540 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BG044741.D
Acq: 12 Mar 2020 18:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.2	89.8	134.8
152	54.9	44.4	66.6

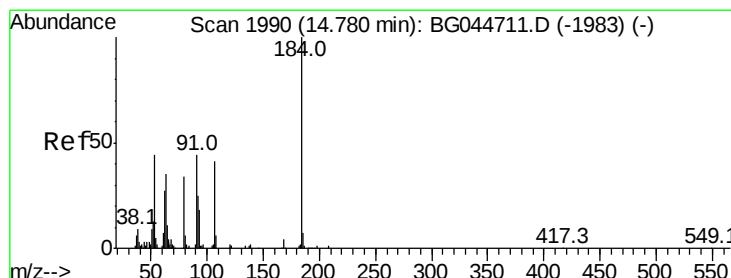
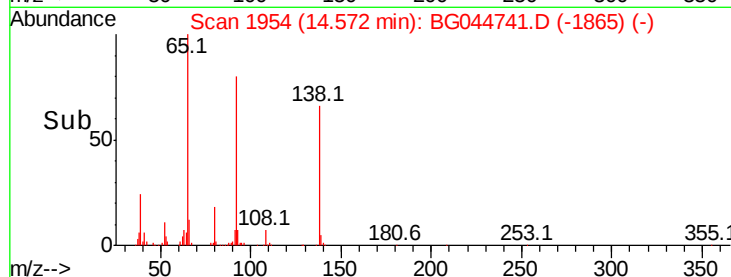
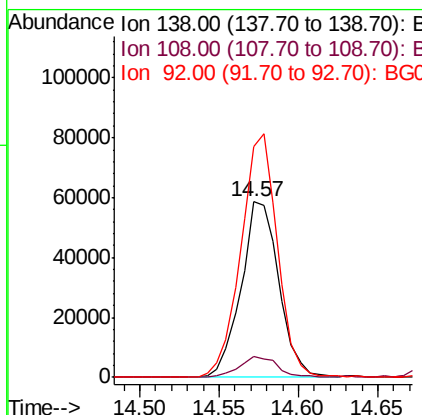
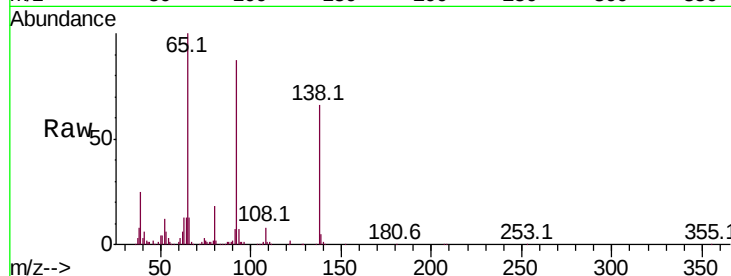




#53
3-Nitroaniline
Concen: 16.713 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG044741.D
Acq: 12 Mar 2020 18:50

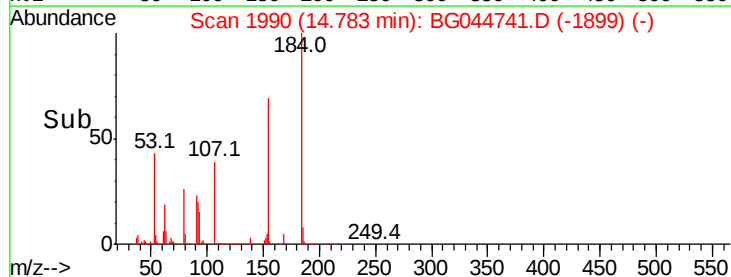
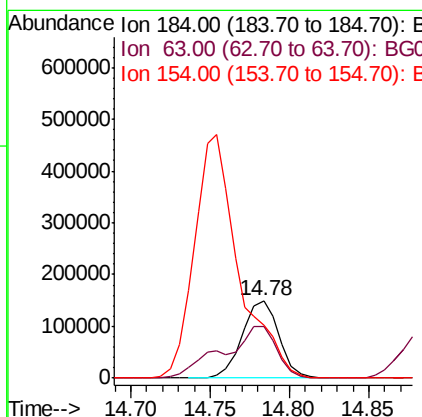
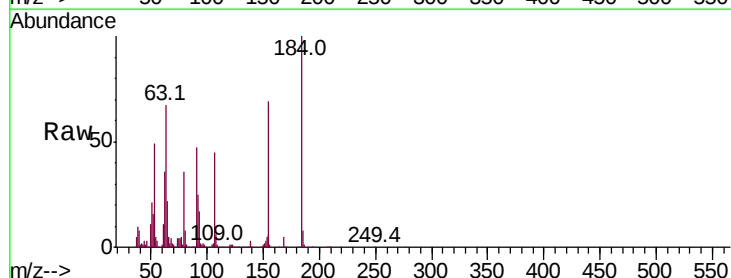
Instrument :
BNA_G
ClientSampled :

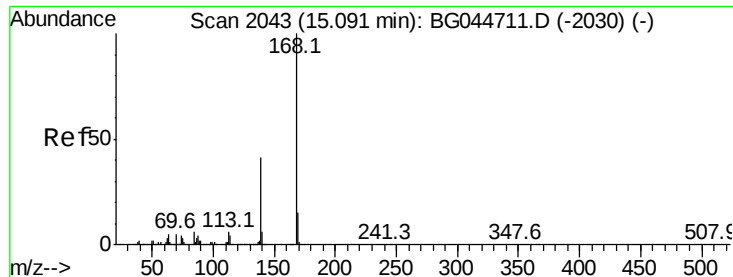
Tot Ion:138 Resp: 97053
Ion Ratio Lower Upper
138 100
108 12.0 9.2 13.8
92 131.7 105.6 158.4



#54
2,4-Dinitrophenol
Concen: 89.875 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG044741.D
Acq: 12 Mar 2020 18:50

Tgt Ion:184 Resp: 240235
Ion Ratio Lower Upper
184 100
63 67.2 49.0 73.6
154 69.0 94.5 141.7#





#55

Dibenzofuran

Concen: 42.107 ng

RT: 15.09 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

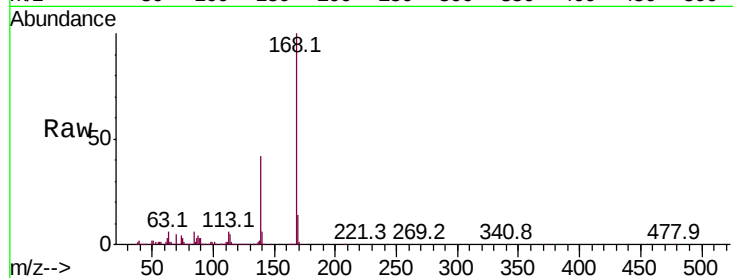
Instrument :

BNA_G

ClientSampleId :

Tot Ion:168 Resp: 1203227

Ion	Ratio	Lower	Upper
168	100		
139	41.7	32.6	49.0
169	14.4	11.8	17.6

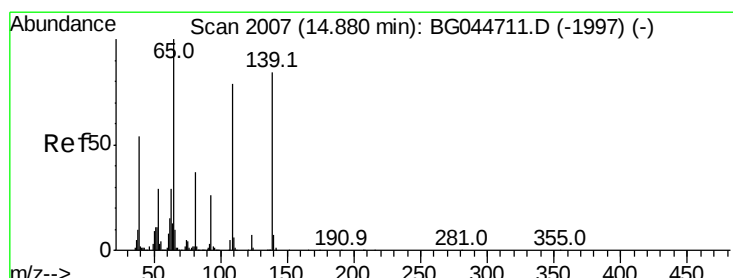
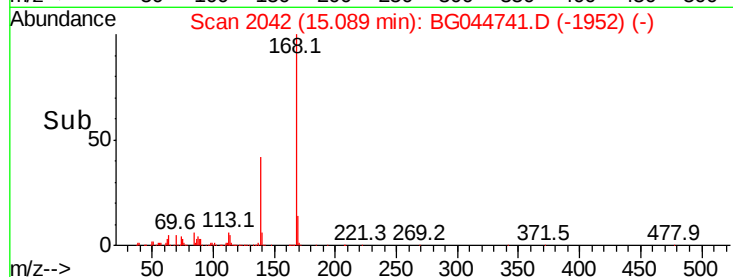
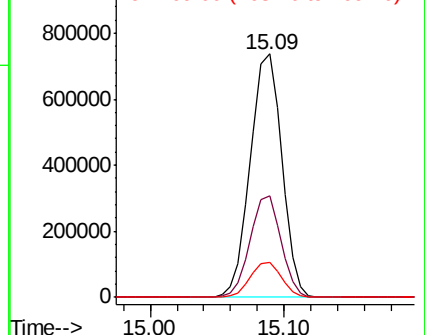


Abundance

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: 91.568 ng

RT: 14.88 min Scan# 2007

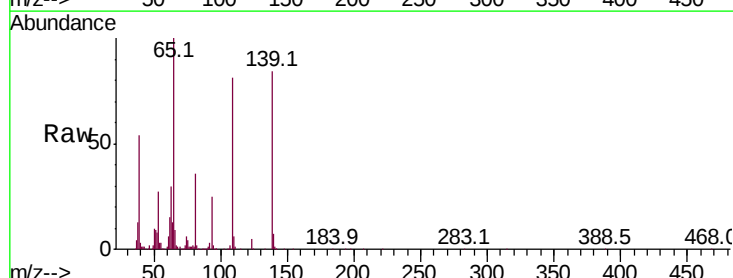
Delta R.T. 0.00 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

Tgt Ion:139 Resp: 405805

Ion	Ratio	Lower	Upper
139	100		
109	96.5	74.1	114.1
65	119.0	98.6	138.6

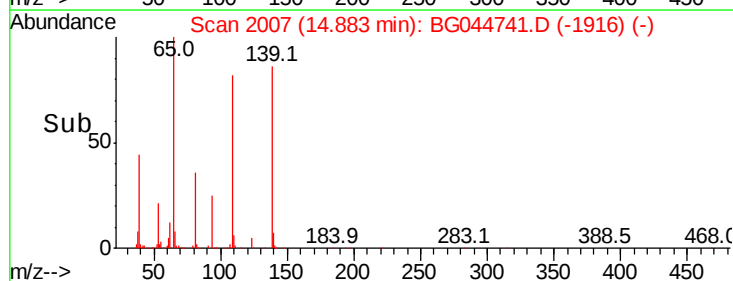
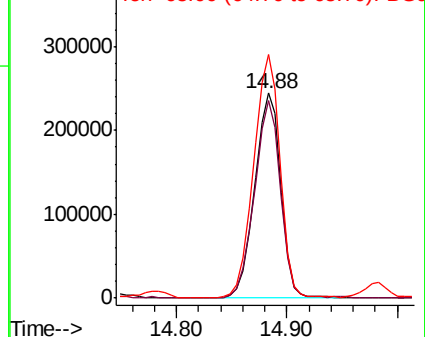


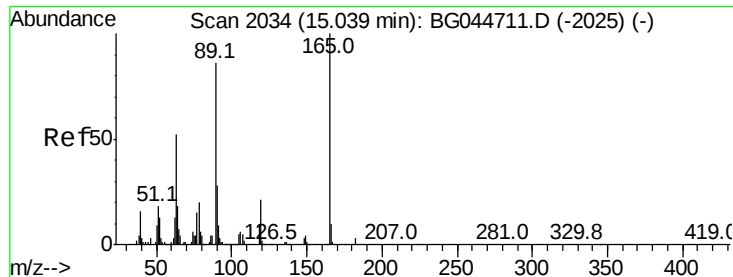
Abundance

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

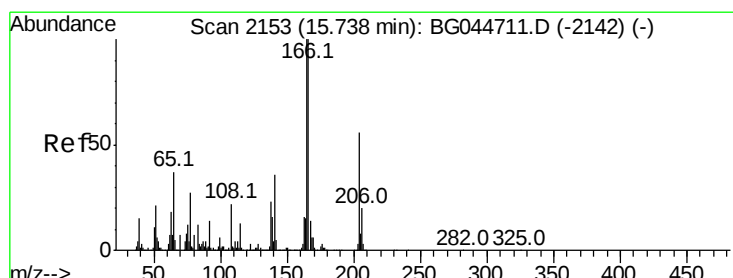
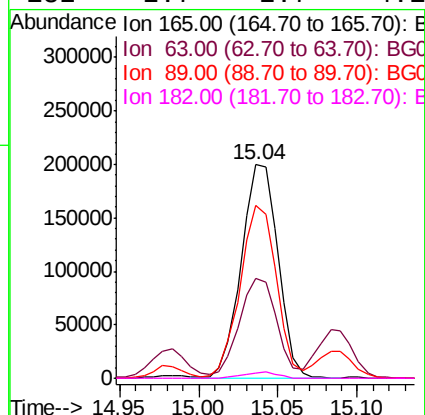
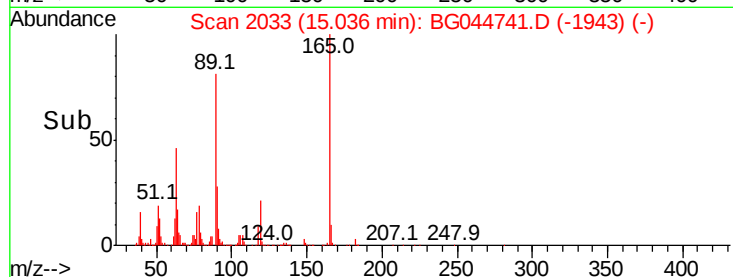
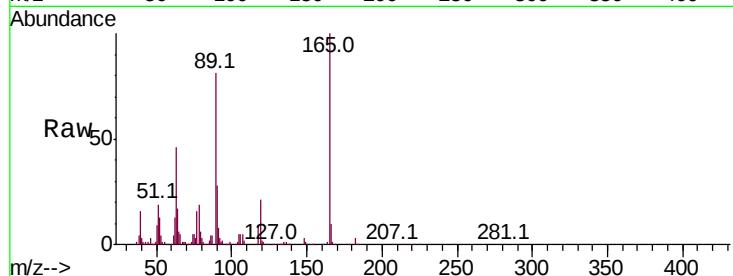




#57
 2,4-Dinitrotoluene
 Concen: 46.160 ng
 RT: 15.04 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BG044741.D
 Acq: 12 Mar 2020 18:50

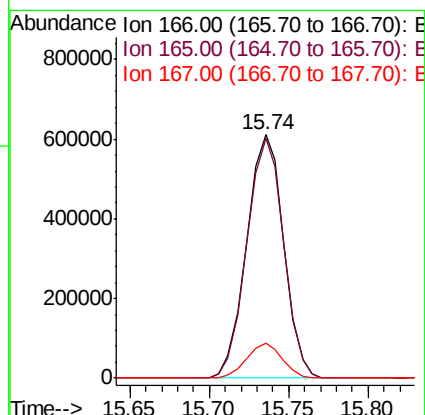
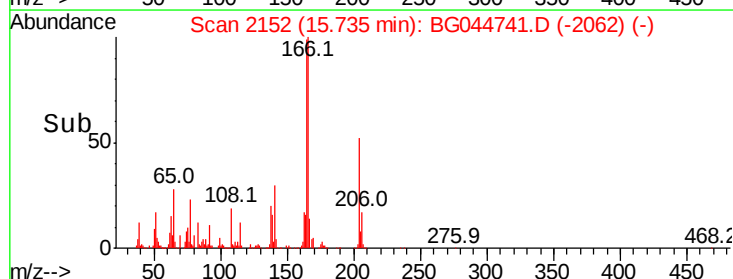
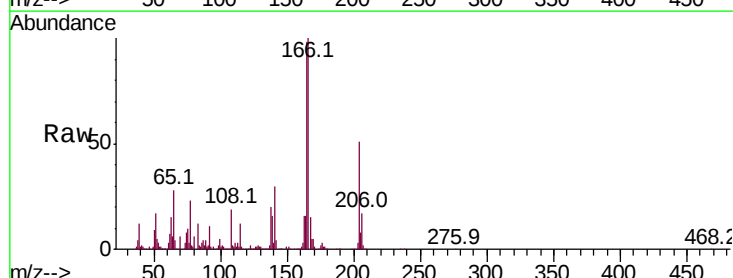
Instrument :
 BNA_G
 ClientSampleId :

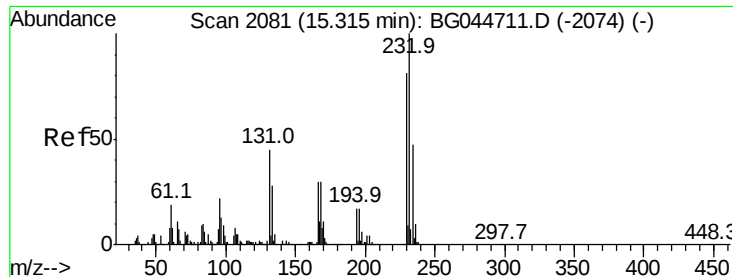
Tot Ion:165 Resp: 319750
 Ion Ratio Lower Upper
 165 100
 63 46.5 41.5 62.3
 89 80.9 69.0 103.4
 182 2.7 2.7 4.1#



#58
 Fluorene
 Concen: 42.043 ng
 RT: 15.74 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG044741.D
 Acq: 12 Mar 2020 18:50

Tgt Ion:166 Resp: 988280
 Ion Ratio Lower Upper
 166 100
 165 98.3 79.6 119.4
 167 14.6 11.4 17.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.867 ng

RT: 15.31 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 307694

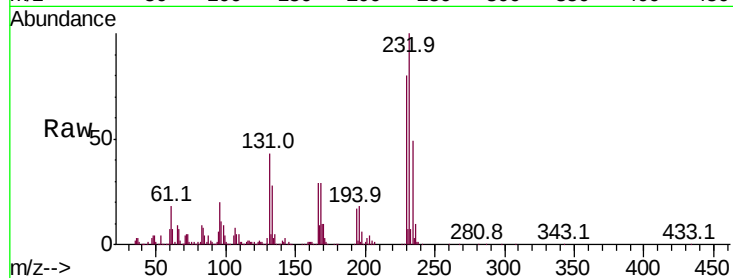
Ion Ratio Lower Upper

232 100

131 43.5 32.4 48.6

130 2.7 2.0 3.0

166 30.0 20.5 30.7

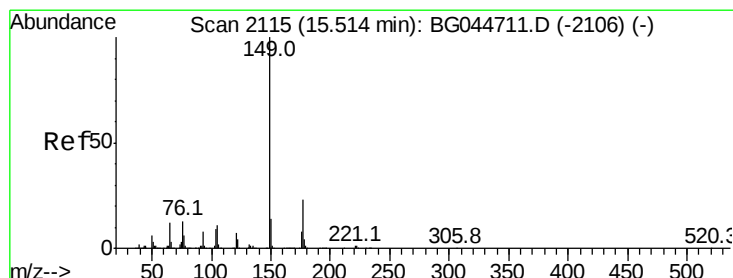
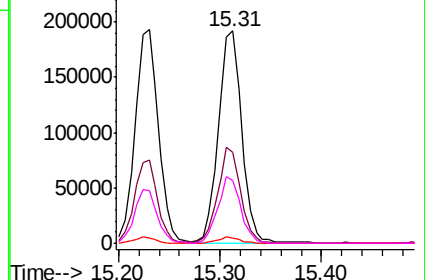
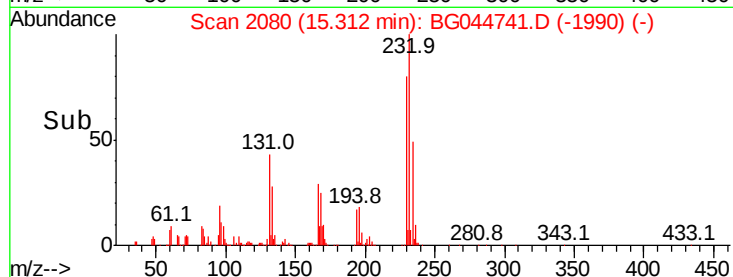


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 40.754 ng

RT: 15.51 min Scan# 2114

Delta R.T. -0.00 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

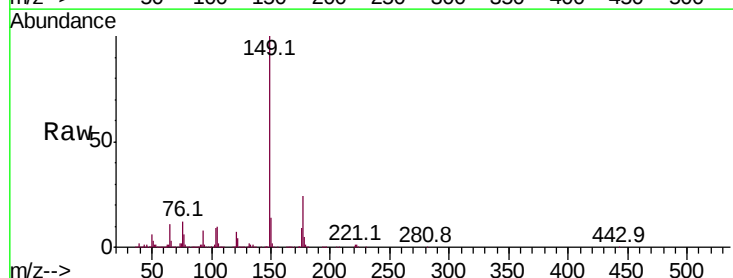
Tgt Ion:149 Resp: 1065101

Ion Ratio Lower Upper

149 100

177 24.0 18.8 28.2

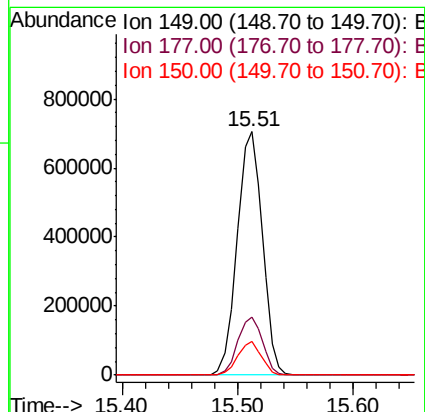
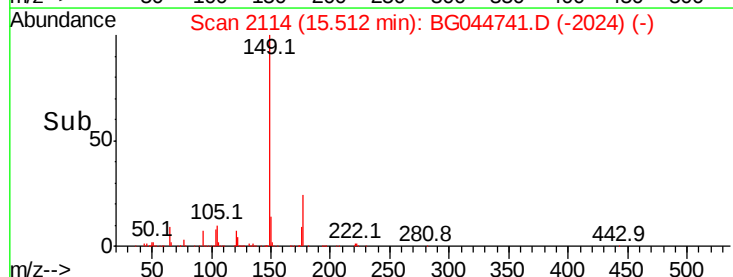
150 13.6 11.2 16.8

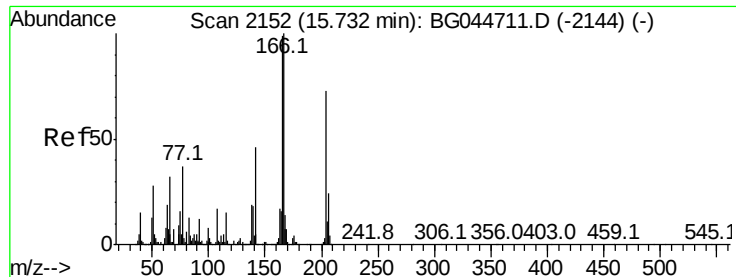


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 42.078 ng

RT: 15.73 min Scan# 2151

Delta R.T. -0.00 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

Instrument :

BNA_G

ClientSampleId :

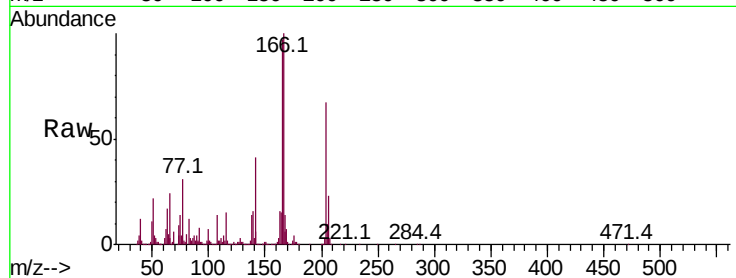
Tot Ion:204 Resp: 532589

Ion Ratio Lower Upper

204 100

206 34.3 25.8 38.6

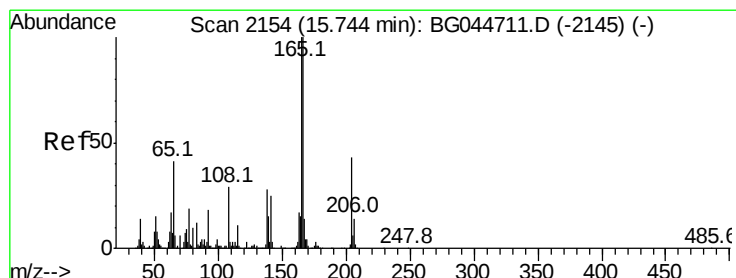
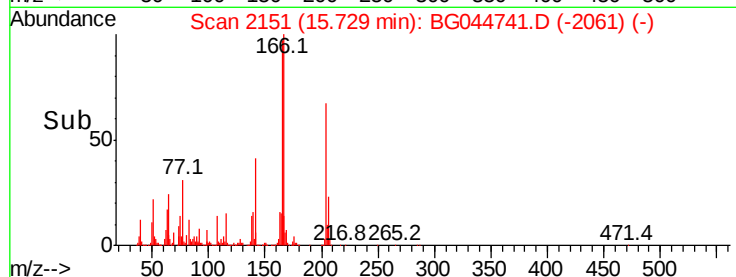
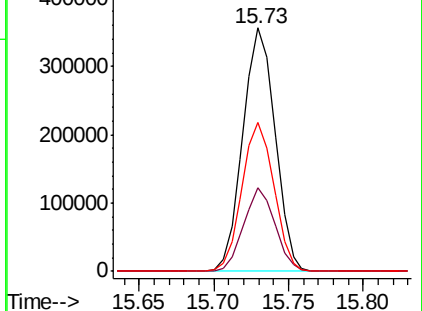
141 60.9 50.8 76.2



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 38.661 ng

RT: 15.74 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

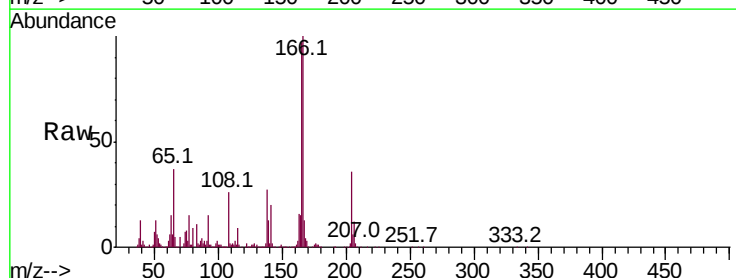
Tgt Ion:138 Resp: 239391

Ion Ratio Lower Upper

138 100

92 57.5 42.1 82.1

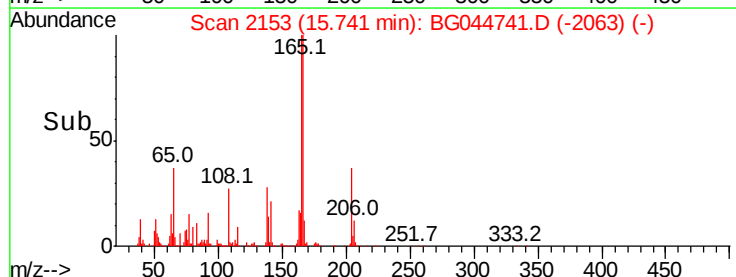
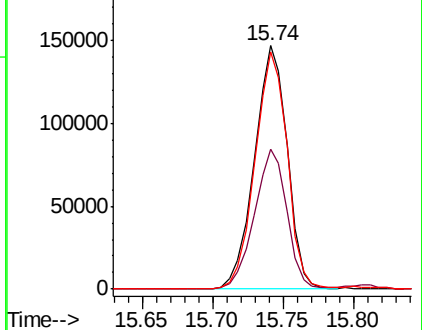
108 97.6 81.2 121.2

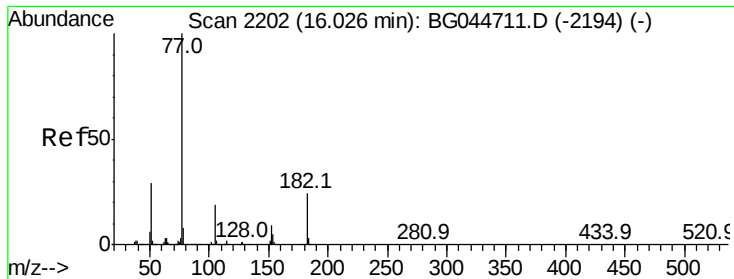


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

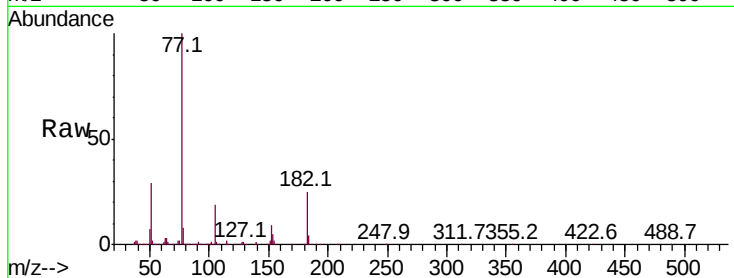




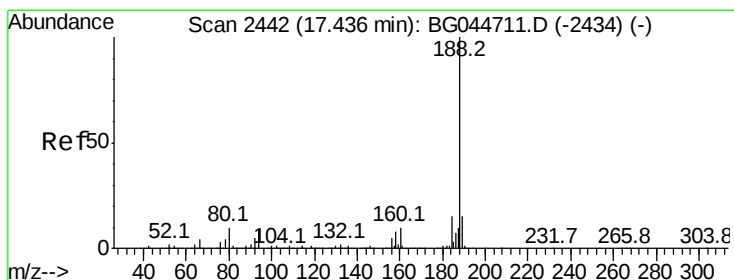
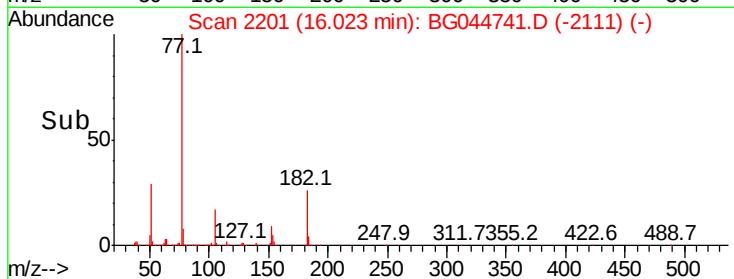
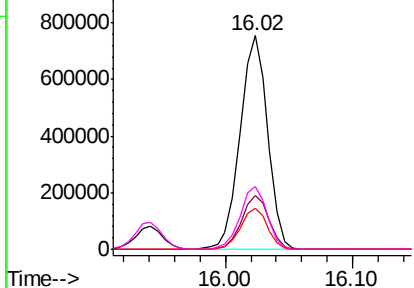
#63
Azobenzene
Concen: 41.695 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG044741.D
Acq: 12 Mar 2020 18:50

Instrument :
BNA_G
ClientSampled :

Tot Ion: 77 Resp: 1131601
Ion Ratio Lower Upper
77 100
182 25.1 3.6 43.6
105 19.2 0.0 39.3
51 29.4 8.7 48.7

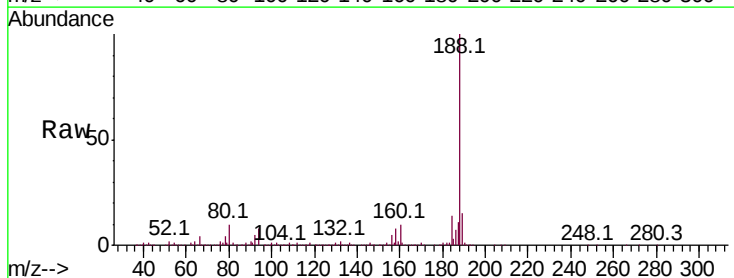


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

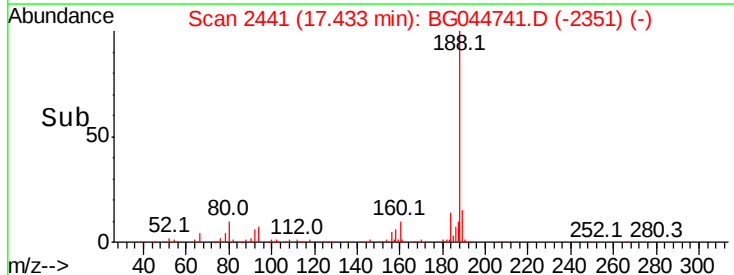
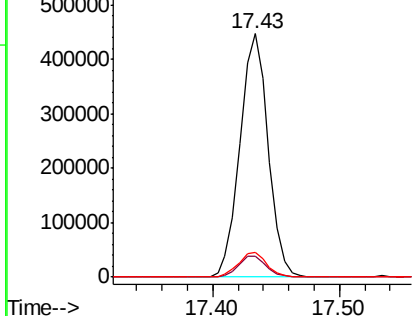


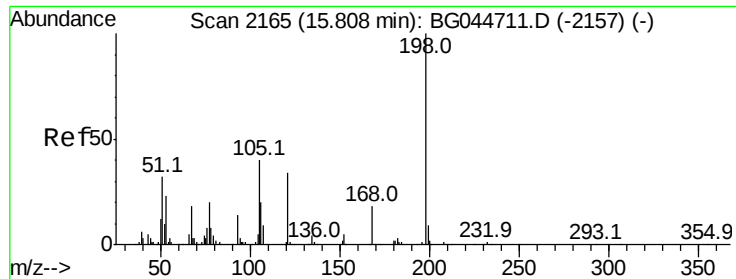
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044741.D
Acq: 12 Mar 2020 18:50

Tgt Ion: 188 Resp: 686842
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 10.1 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: 52.765 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

Instrument :

BNA_G

ClientSampleId :

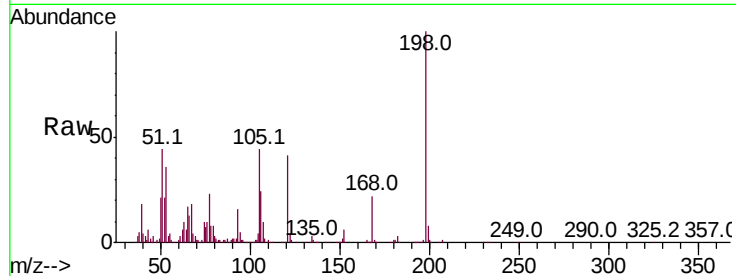
Tot Ion:198 Resp: 173498

Ion	Ratio	Lower	Upper
198	100		
51	44.0	20.1	60.1
105	44.5	21.3	61.3

198 100

51 44.0 20.1 60.1

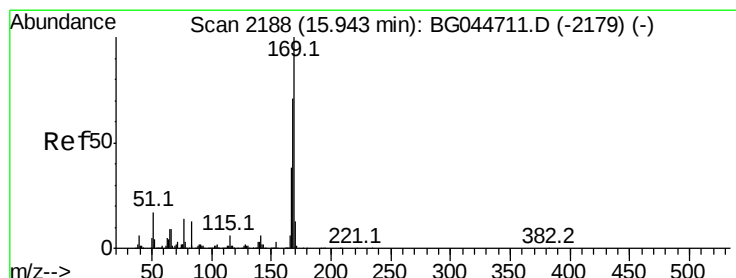
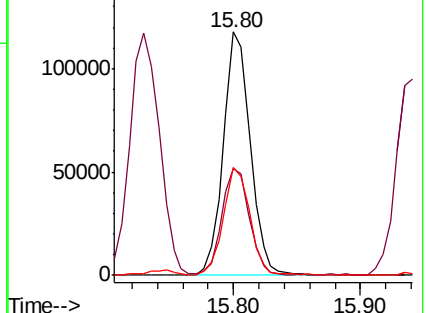
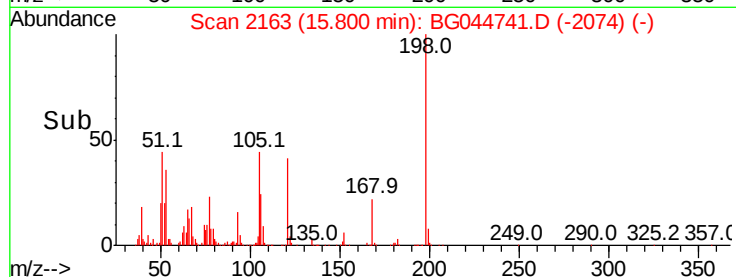
105 44.5 21.3 61.3



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: 43.596 ng

RT: 15.94 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

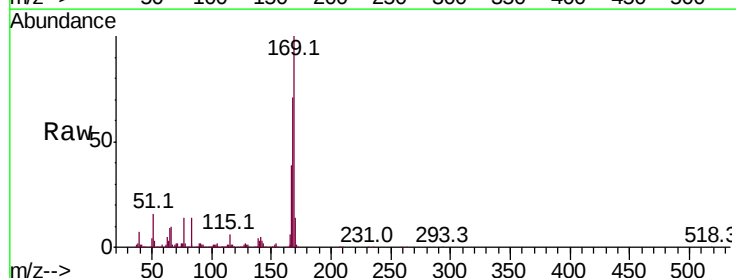
Tgt Ion:169 Resp: 901515

Ion	Ratio	Lower	Upper
169	100		
168	70.7	56.6	85.0
167	39.5	30.1	45.1

169 100

168 70.7 56.6 85.0

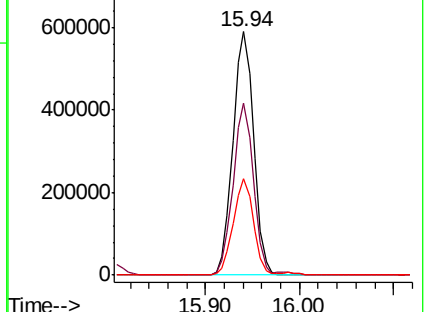
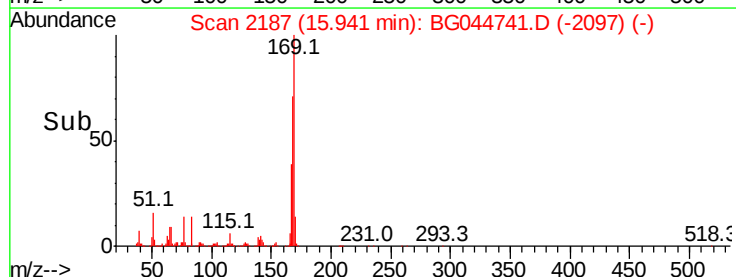
167 39.5 30.1 45.1

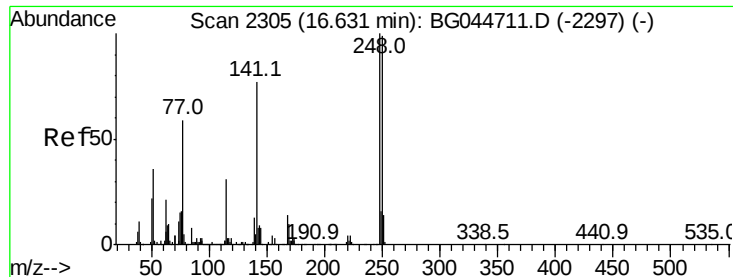


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

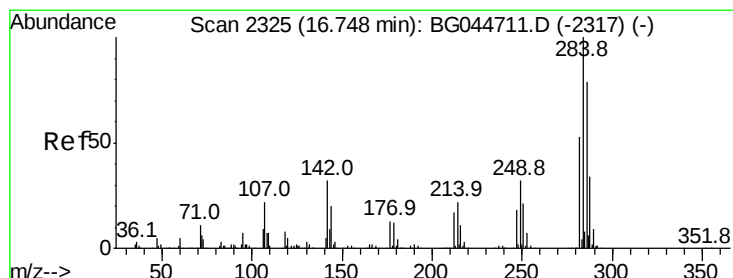
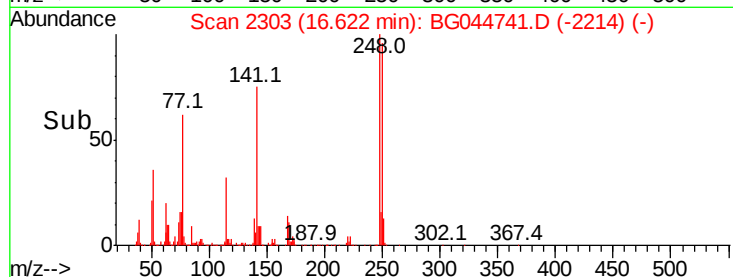
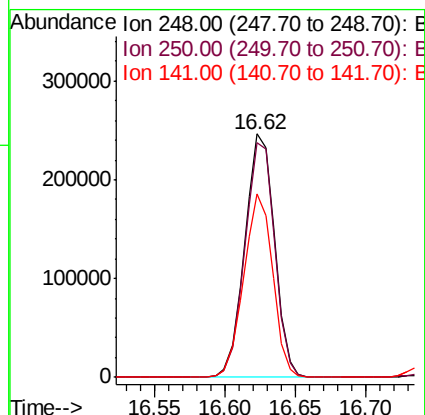
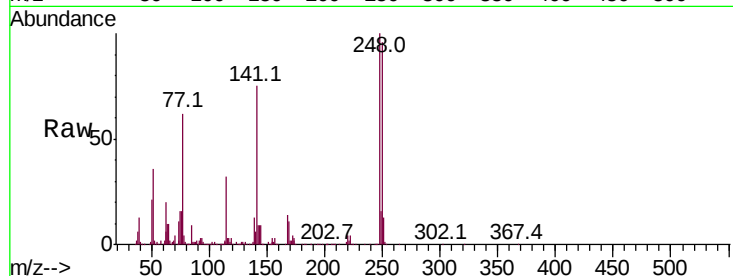




#67
4-Bromophenyl-phenylether
Concen: 42.282 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG044741.D
Acq: 12 Mar 2020 18:50

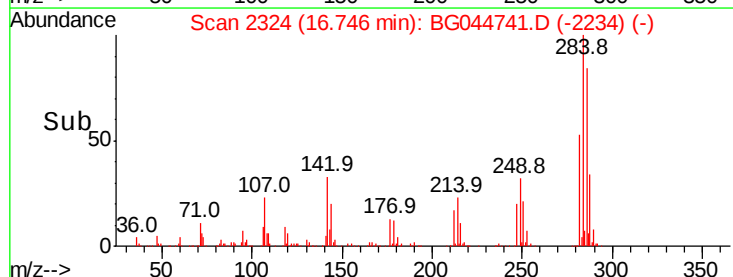
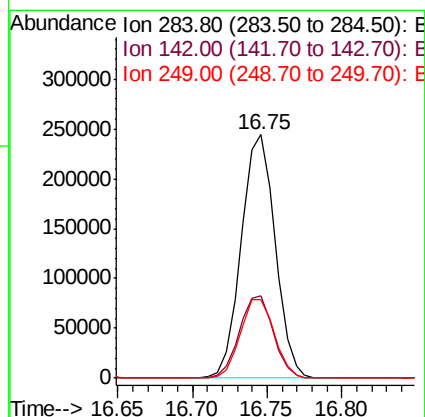
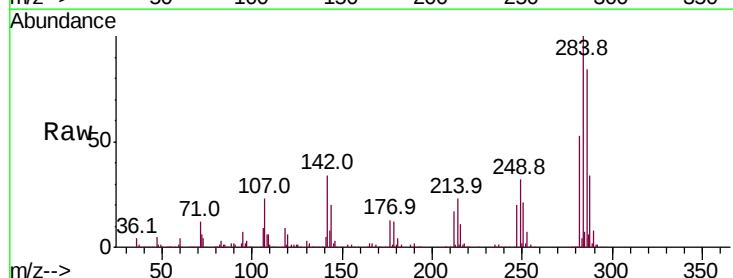
Instrument :
BNA_G
ClientSampleId :

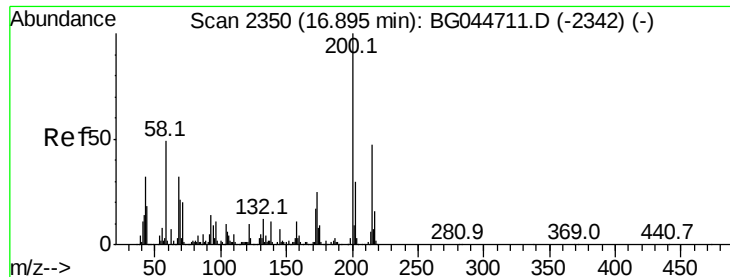
Tot Ion:248 Resp: 363055
Ion Ratio Lower Upper
248 100
250 96.2 79.4 119.0
141 75.2 61.7 92.5



#68
Hexachlorobenzene
Concen: 41.144 ng
RT: 16.75 min Scan# 2324
Delta R.T. -0.00 min
Lab File: BG044741.D
Acq: 12 Mar 2020 18:50

Tgt Ion:284 Resp: 383275
Ion Ratio Lower Upper
284 100
142 33.6 25.6 38.4
249 32.4 25.8 38.6





#69

Atrazine

Concen: 45.960 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

Instrument :

BNA_G

ClientSampleId :

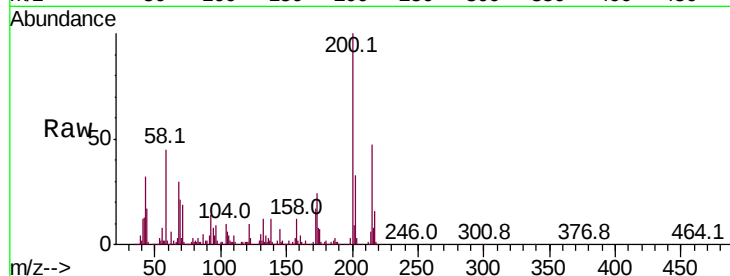
Tot Ion:200 Resp: 348202

Ion Ratio Lower Upper

200 100

173 24.3 4.8 44.8

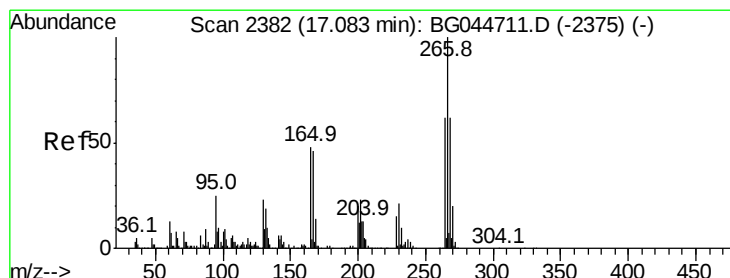
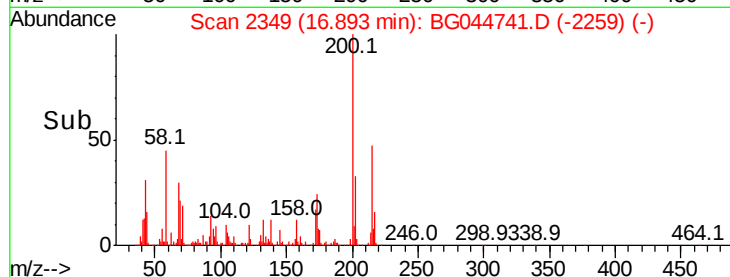
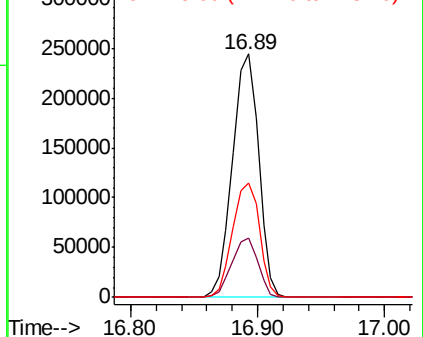
215 46.9 27.4 67.4



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: 93.669 ng

RT: 17.08 min Scan# 2381

Delta R.T. -0.00 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

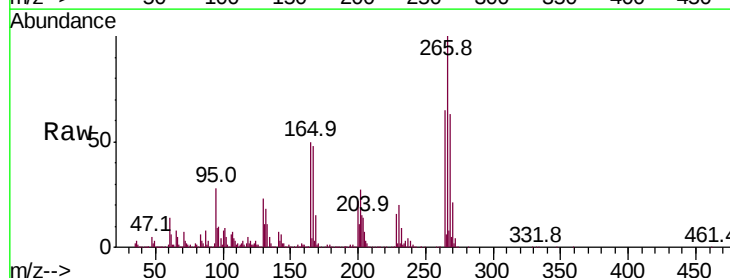
Tgt Ion:266 Resp: 480098

Ion Ratio Lower Upper

266 100

268 63.3 49.9 74.9

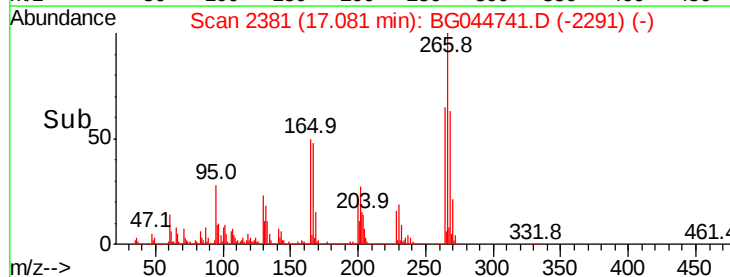
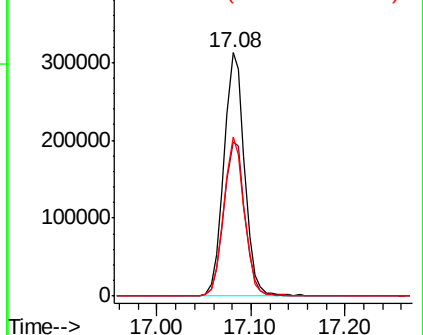
264 65.3 49.9 74.9

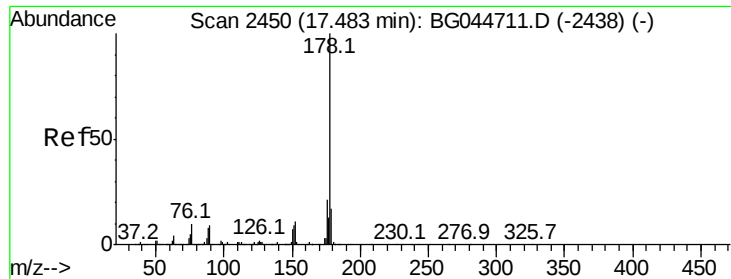


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.713 ng

RT: 17.47 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

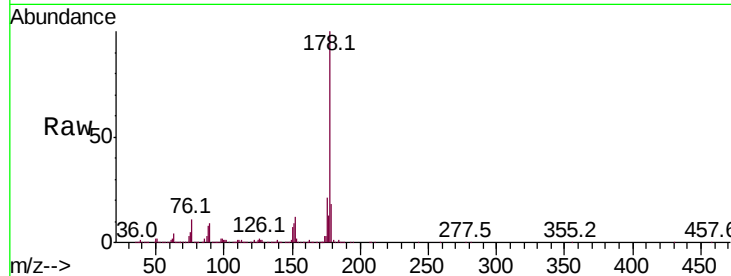
Instrument :

BNA_G

ClientSampled :

Tot Ion:178 Resp: 1567739

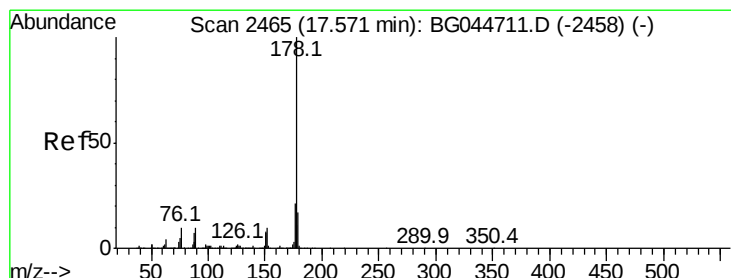
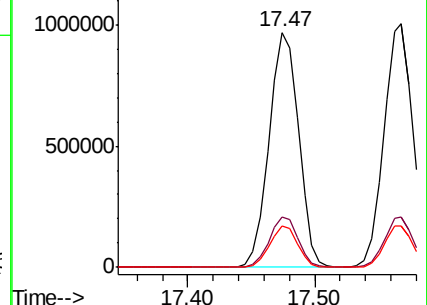
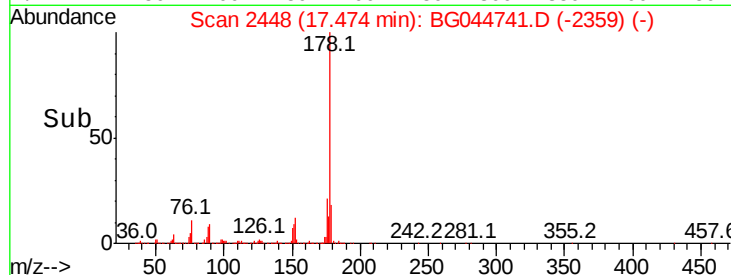
Ion	Ratio	Lower	Upper
178	100		
176	21.4	17.0	25.6
179	17.7	13.7	20.5



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: 44.174 ng

RT: 17.57 min Scan# 2464

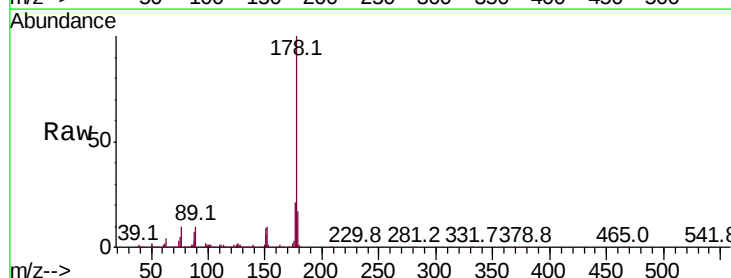
Delta R.T. -0.00 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

Tgt Ion:178 Resp: 1598759

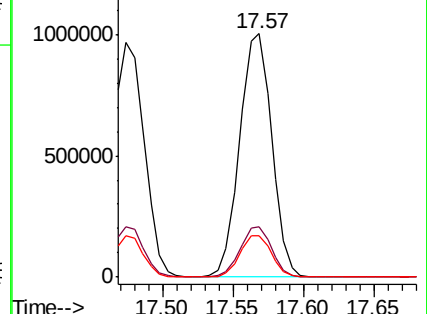
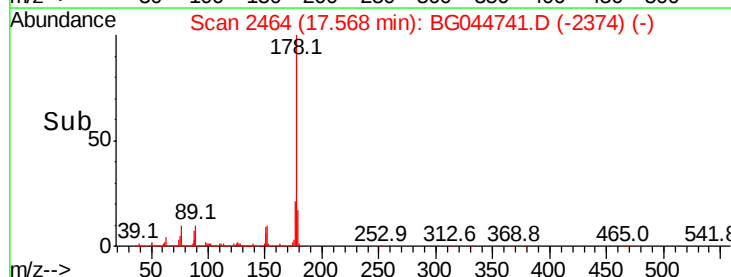
Ion	Ratio	Lower	Upper
178	100		
176	20.9	17.0	25.6
179	17.3	13.8	20.8

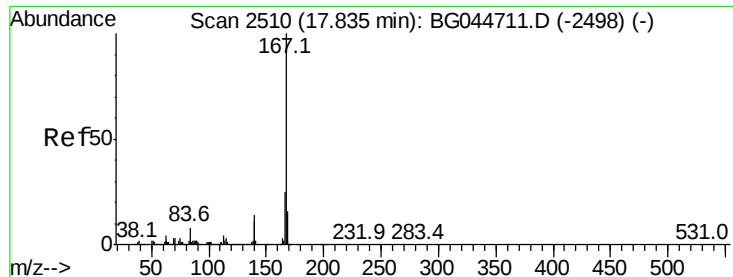


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.949 ng

RT: 17.83 min Scan# 2508

Delta R.T. -0.01 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

Instrument :

BNA_G

ClientSampleId :

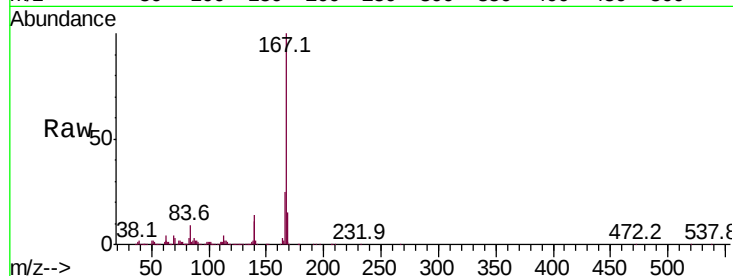
Tot Ion:167 Resp: 1493113

Ion Ratio Lower Upper

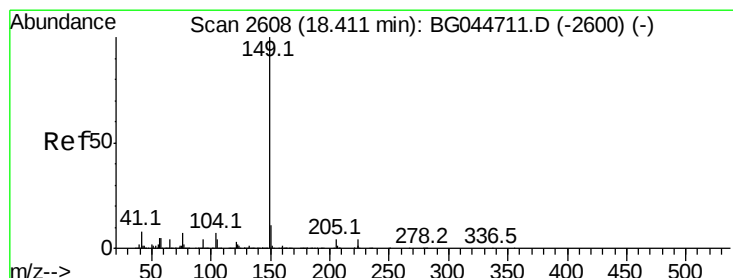
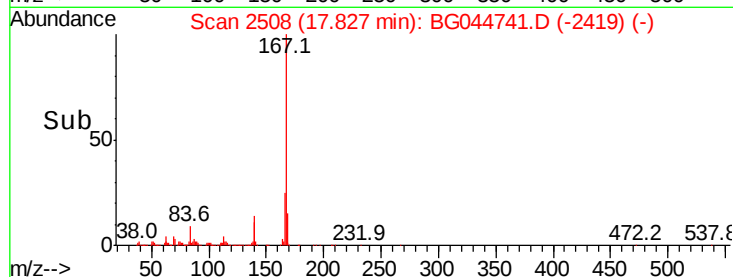
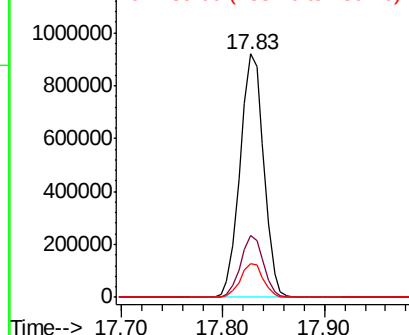
167 100

166 25.3 19.6 29.4

139 13.8 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: 41.883 ng

RT: 18.40 min Scan# 2606

Delta R.T. -0.01 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

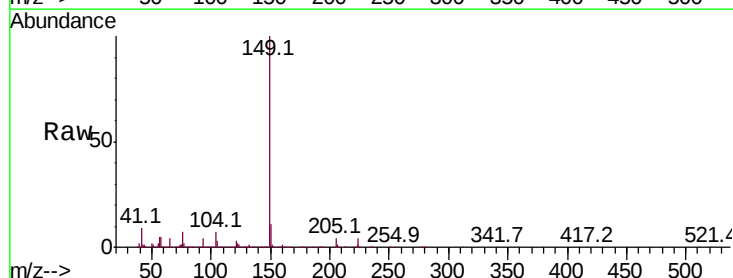
Tgt Ion:149 Resp: 1769991

Ion Ratio Lower Upper

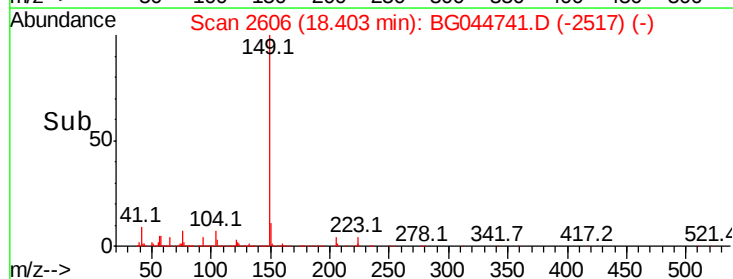
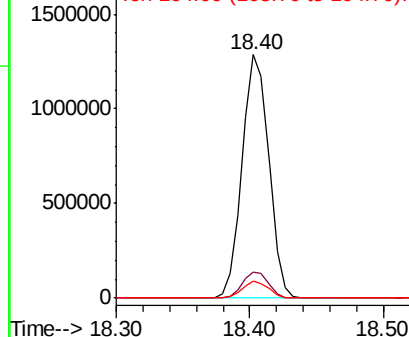
149 100

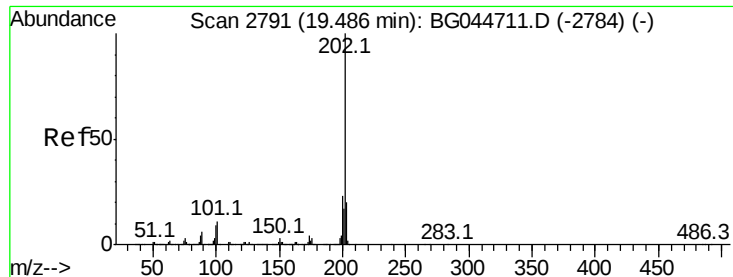
150 10.7 8.4 12.6

104 6.8 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: 43.303 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

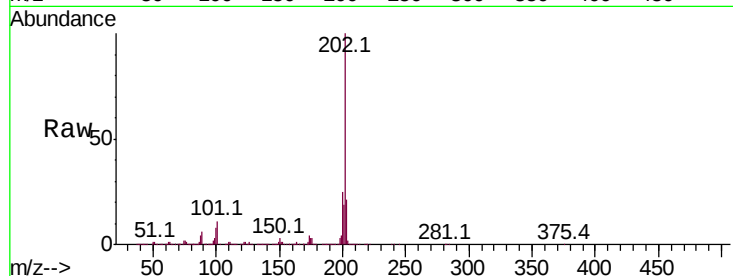
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1892406

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.3
203	20.6	0.4	40.4

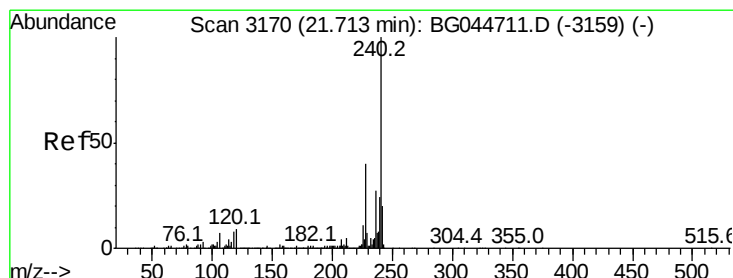
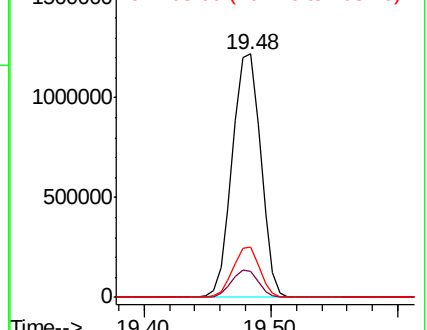
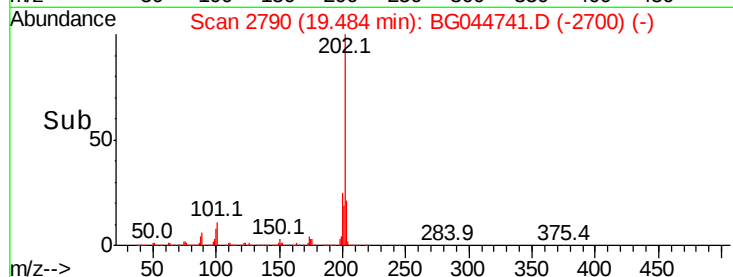


Abundance

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

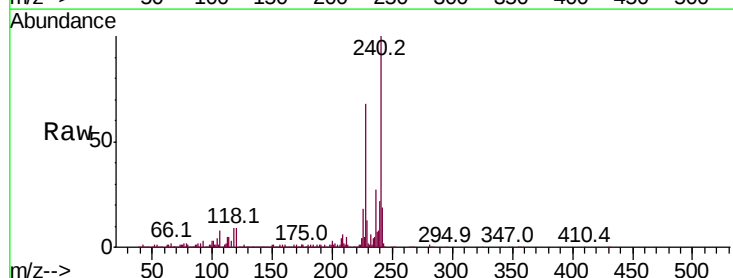
Delta R.T. -0.01 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

Tgt Ion:240 Resp: 579473

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.9	10.3
236	27.2	21.9	32.9

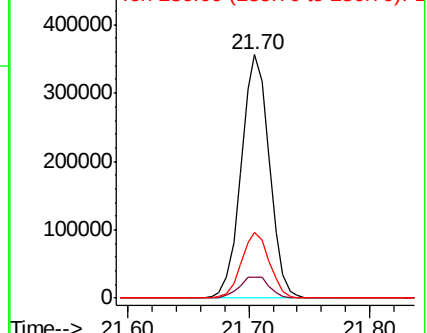
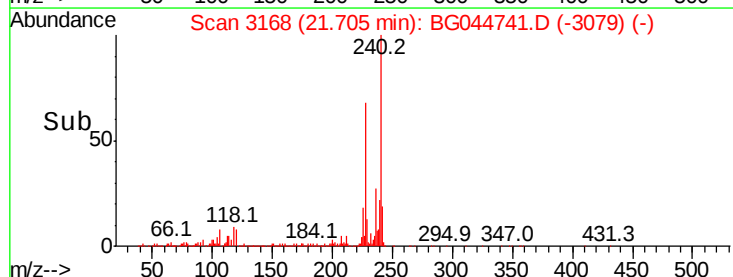


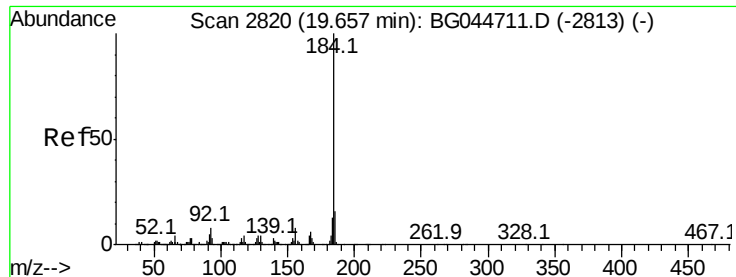
Abundance

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: 41.128 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

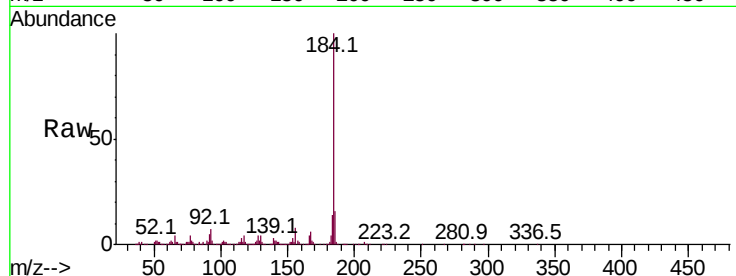
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 773705

Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.9	19.3
183	14.0	10.6	15.8

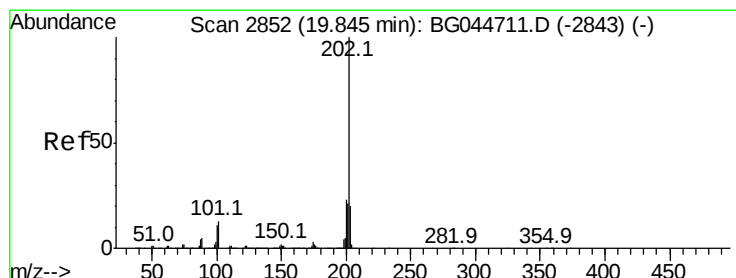
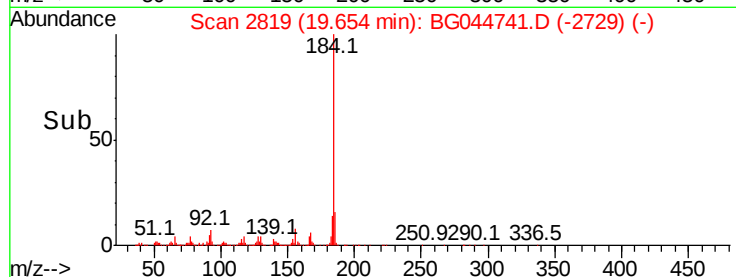
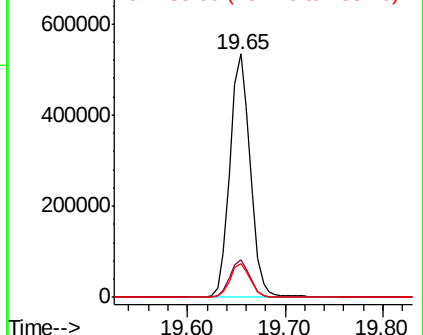


Abundance

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: 44.594 ng

RT: 19.84 min Scan# 2851

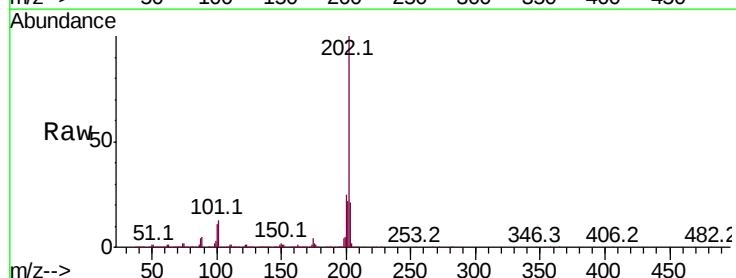
Delta R.T. -0.00 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

Tgt Ion:202 Resp: 1895898

Ion	Ratio	Lower	Upper
202	100		
200	24.5	18.7	28.1
203	20.6	16.0	24.0

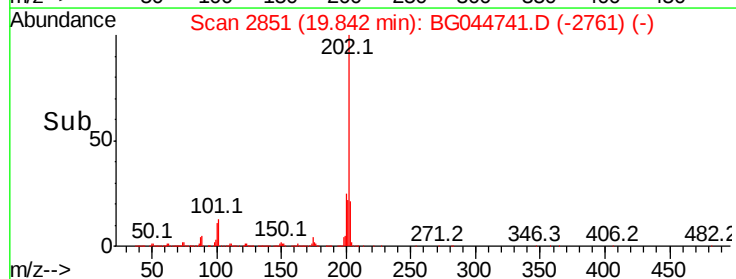
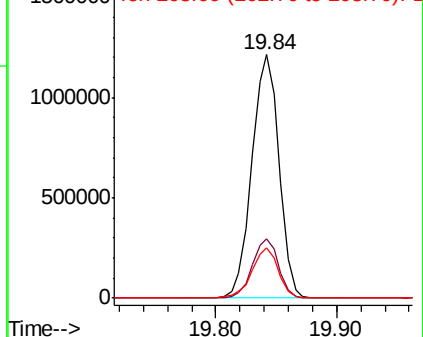


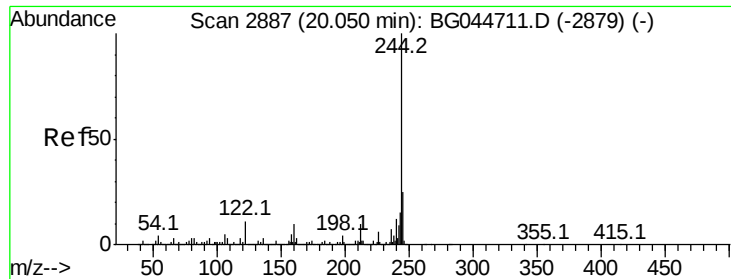
Abundance

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: 76.177 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

Instrument :

BNA_G

ClientSampleId :

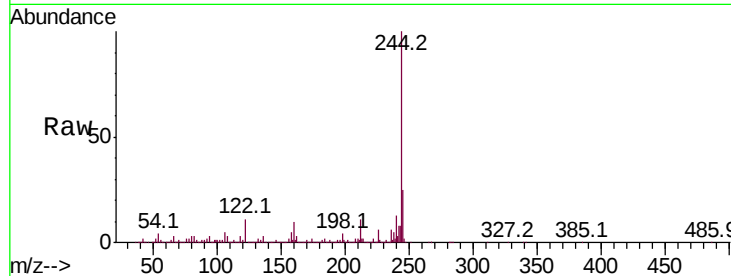
Tot Ion:244 Resp: 2359873

Ion Ratio Lower Upper

244 100

212 10.6 8.4 12.6

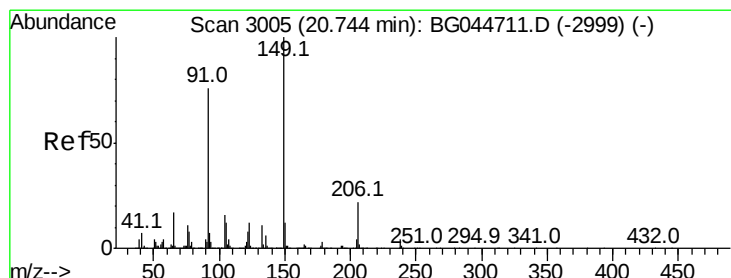
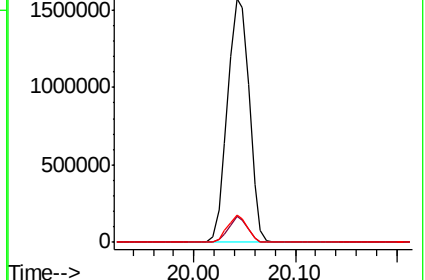
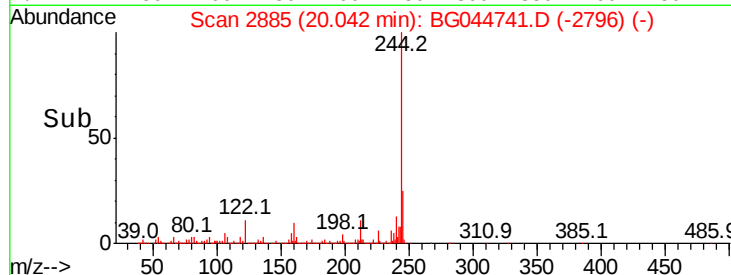
122 11.3 8.7 13.1



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: 44.271 ng

RT: 20.74 min Scan# 3003

Delta R.T. -0.01 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

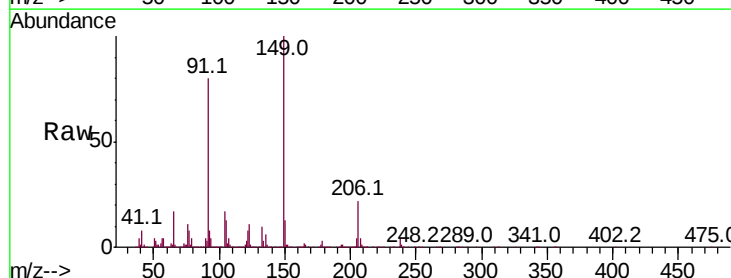
Tgt Ion:149 Resp: 837324

Ion Ratio Lower Upper

149 100

91 79.8 61.1 91.7

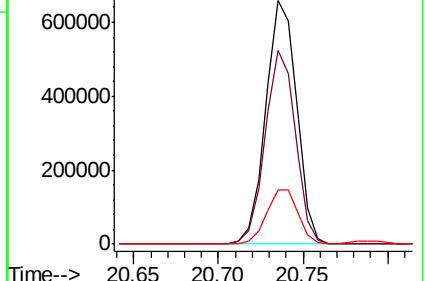
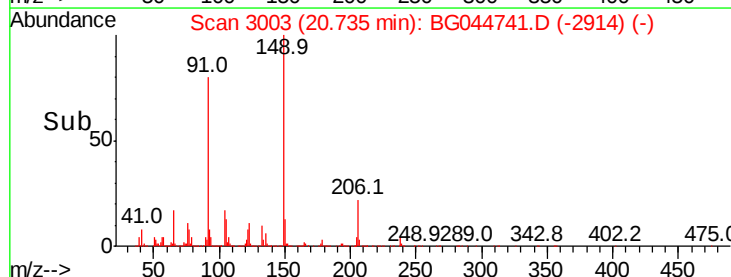
206 22.0 17.4 26.2

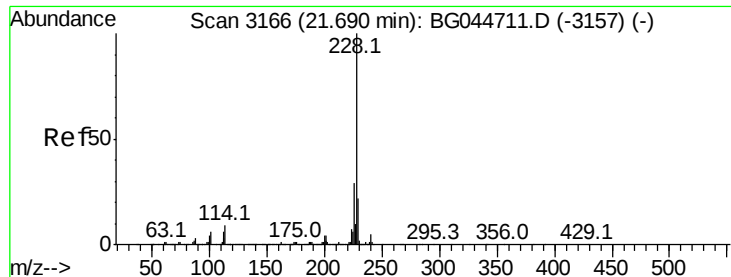


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.654 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

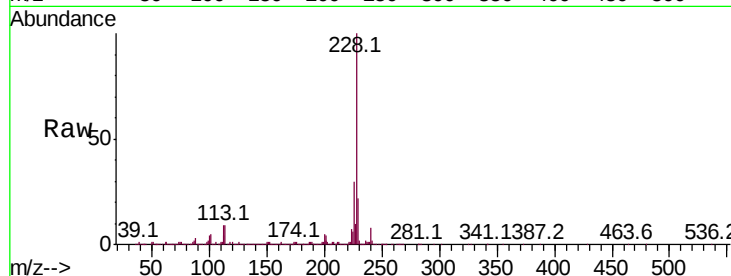
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1821533

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.5	35.3
229	22.1	17.2	25.8

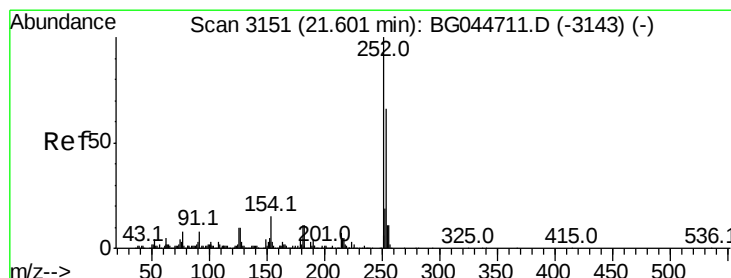
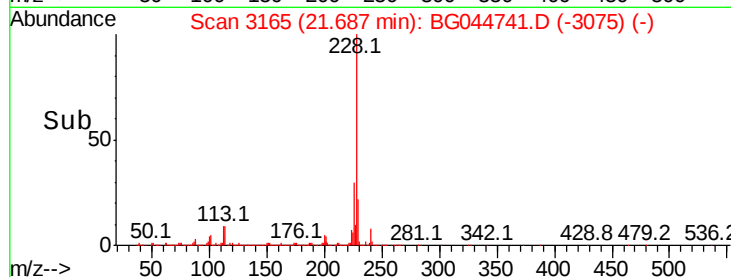
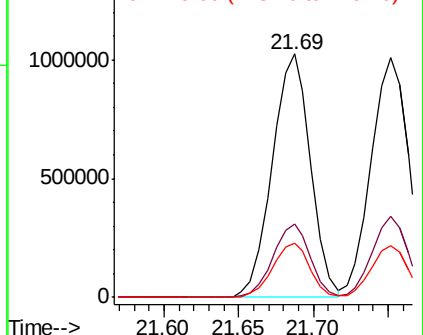


Abundance

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: 16.730 ng

RT: 21.59 min Scan# 3149

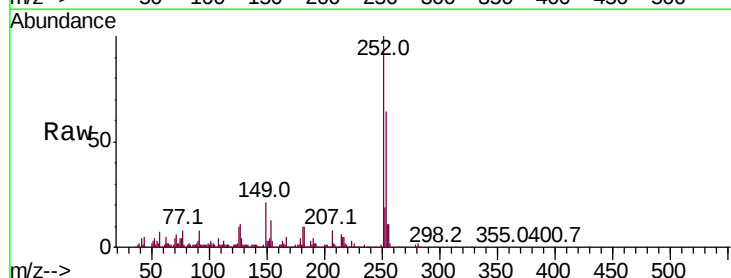
Delta R.T. -0.01 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

Tgt Ion:252 Resp: 270071

Ion	Ratio	Lower	Upper
252	100		
254	63.5	53.0	79.4
126	10.1	8.2	12.4

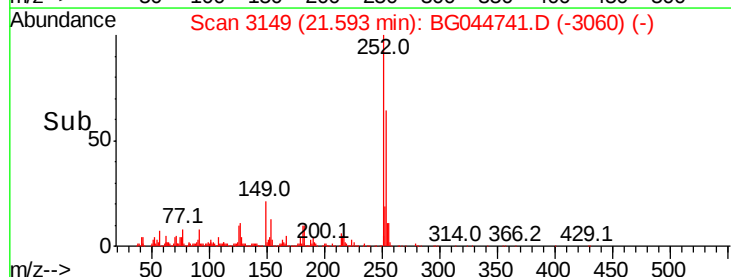
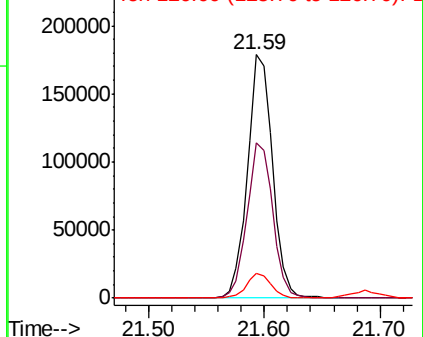


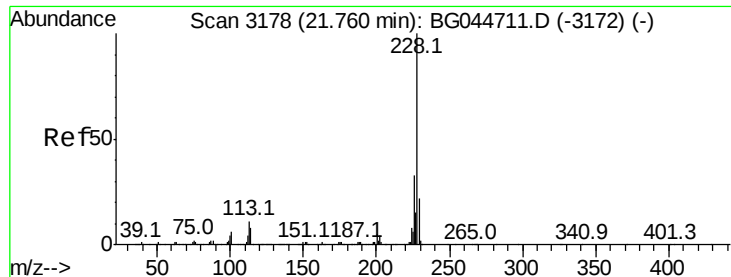
Abundance

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

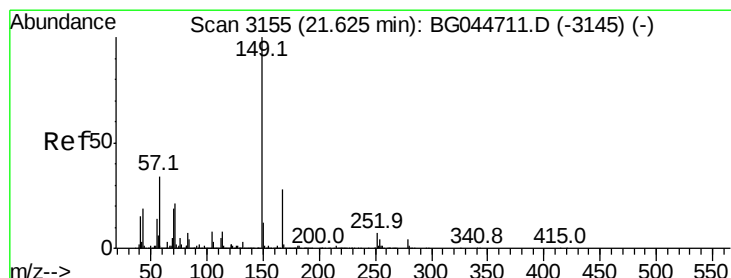
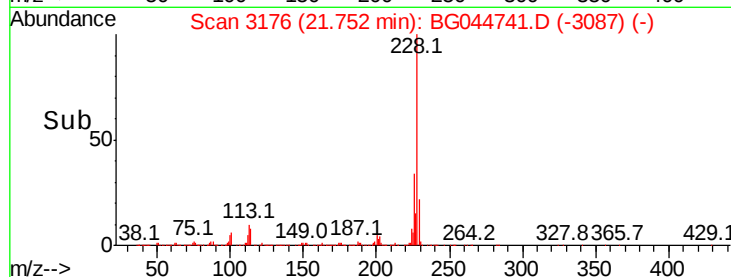
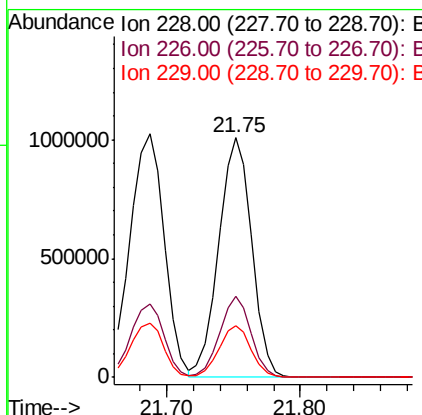
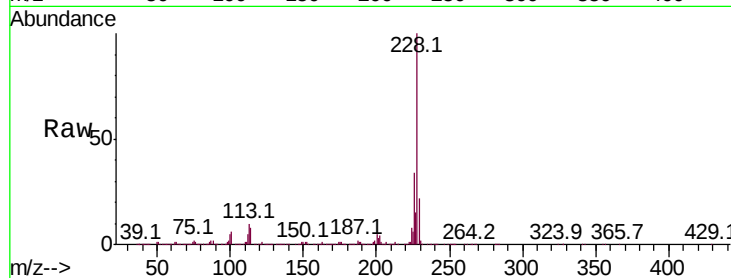




#83
Chrysene
Concen: 43.754 ng
RT: 21.75 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BG044741.D
Acq: 12 Mar 2020 18:50

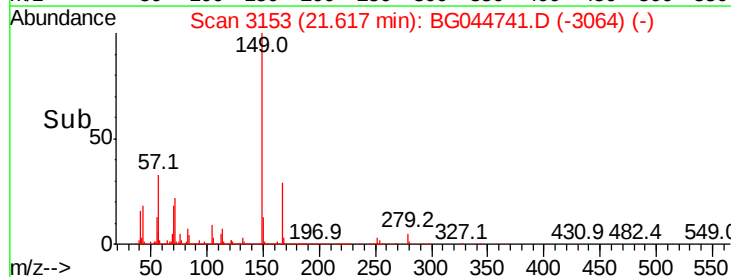
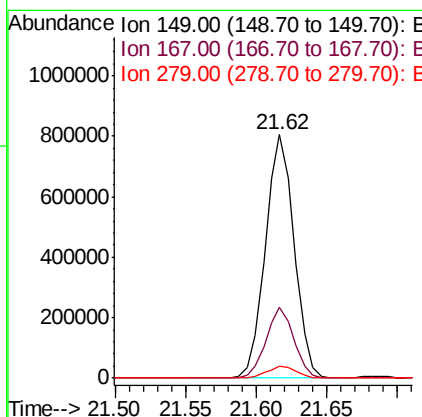
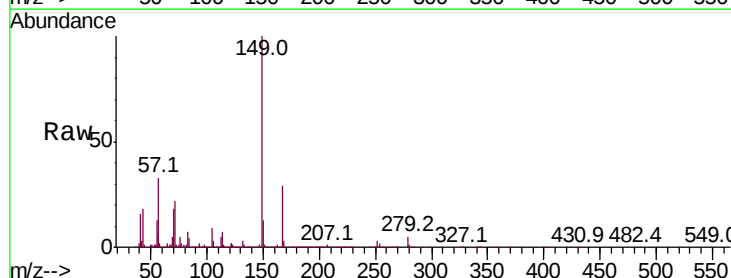
Instrument :
BNA_G
ClientSampleId :

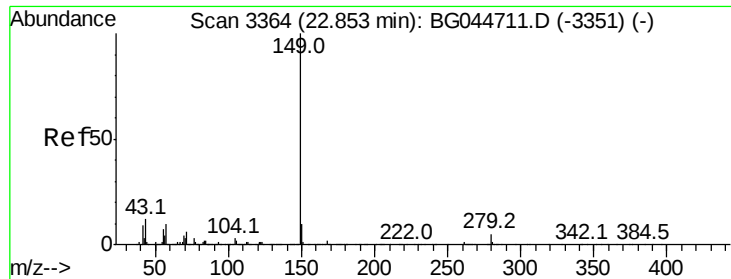
Tot Ion:228 Resp: 1743949
Ion Ratio Lower Upper
228 100
226 33.6 26.1 39.1
229 21.8 17.4 26.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.083 ng
RT: 21.62 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG044741.D
Acq: 12 Mar 2020 18:50

Tgt Ion:149 Resp: 1150691
Ion Ratio Lower Upper
149 100
167 28.8 22.6 33.8
279 4.9 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 45.083 ng

RT: 22.84 min Scan# 3361

Delta R.T. -0.01 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

Instrument :

BNA_G

ClientSampled :

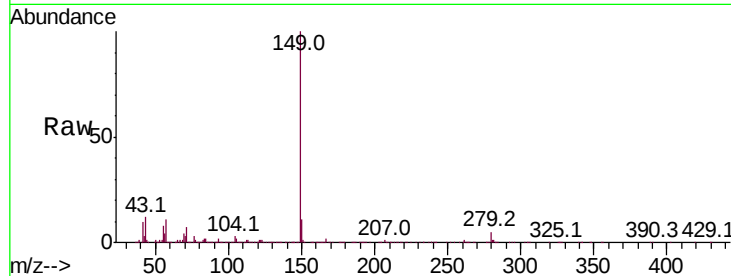
Tot Ion:149 Resp: 1969268

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

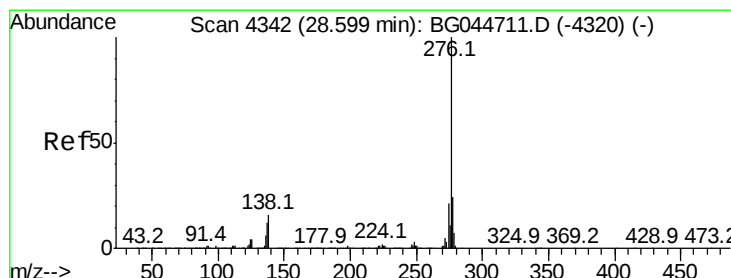
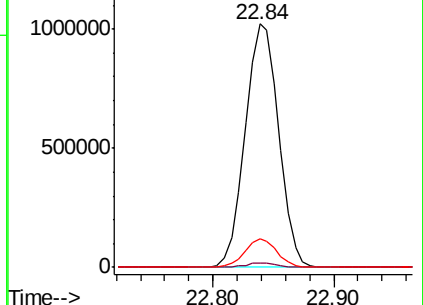
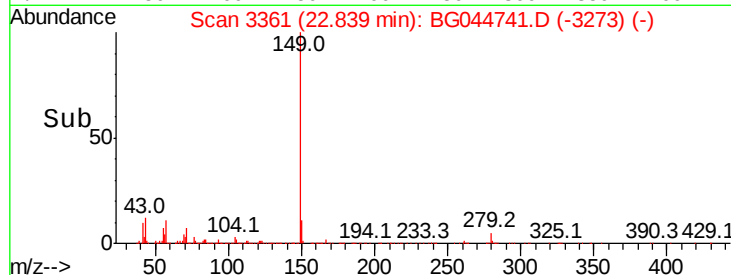
43 11.2 9.0 13.6



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: 45.107 ng

RT: 28.58 min Scan# 4338

Delta R.T. -0.02 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

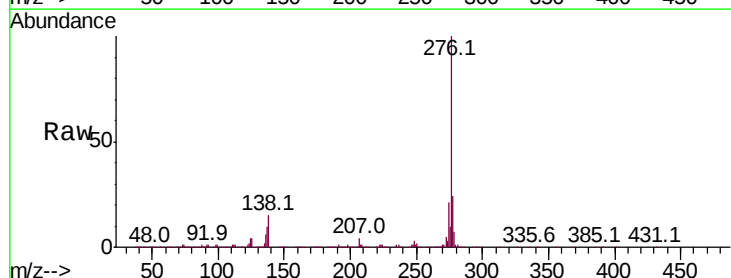
Tgt Ion:276 Resp: 2357034

Ion Ratio Lower Upper

276 100

138 12.8 10.9 16.3

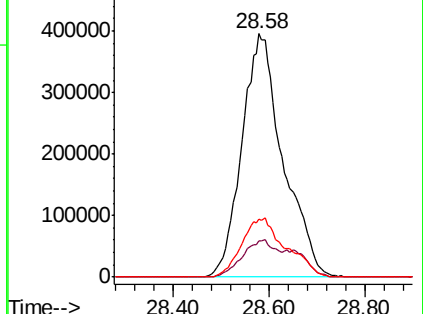
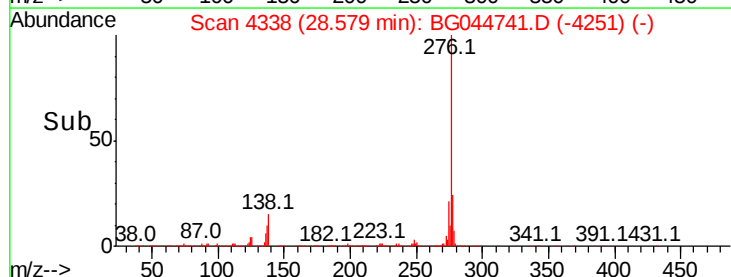
277 26.2 20.8 31.2

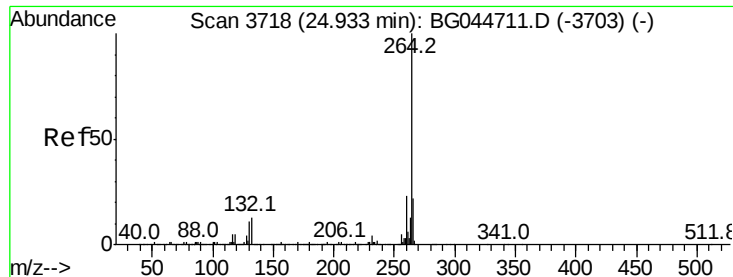


Abundance Ion 276.00 (275.70 to 276.70): E

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: BG044741.D

Acq: 12 Mar 2020 18:50

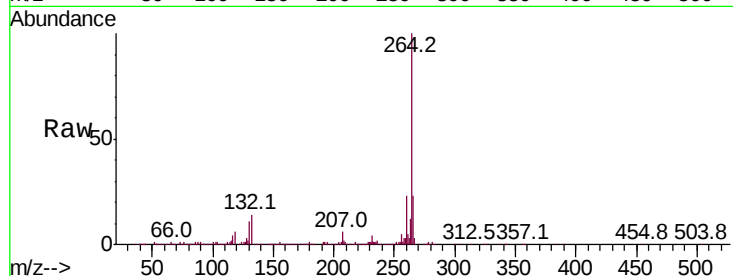
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 702885

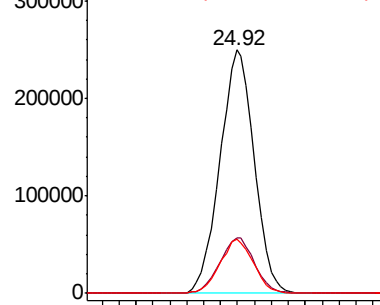
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.4	27.6
265	22.5	17.4	26.2



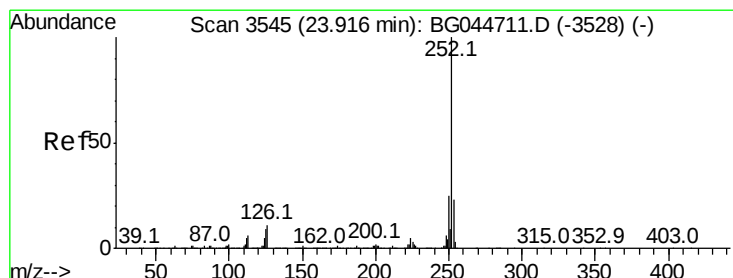
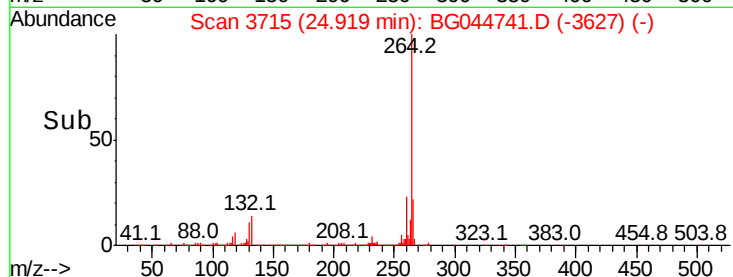
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 42.105 ng

RT: 23.91 min Scan# 3543

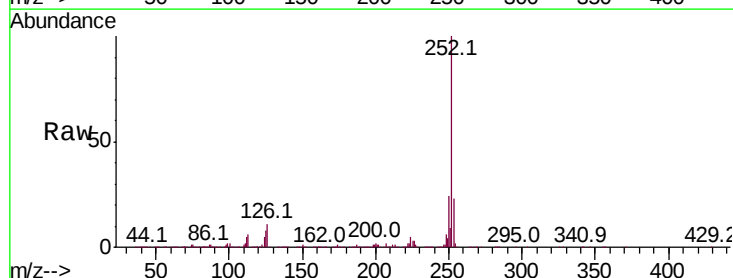
Delta R.T. -0.01 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

Tgt Ion:252 Resp: 1953788

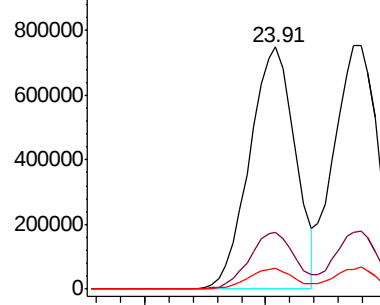
Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.7	28.1
125	8.4	7.2	10.8



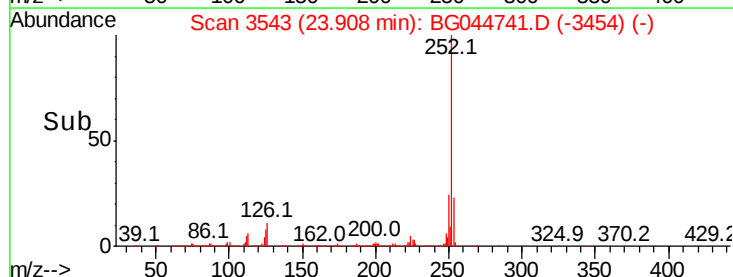
Abundance Ion 252.00 (251.70 to 252.70): E

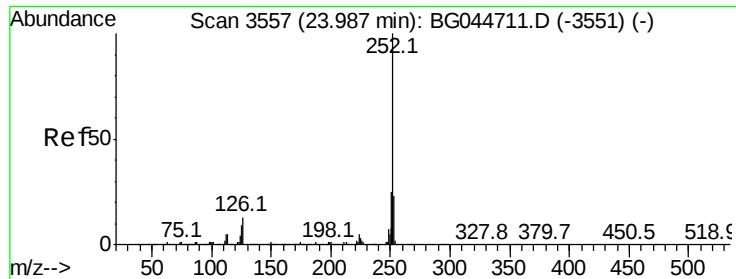
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#89

Benzo(k)fluoranthene

Concen: 43.505 ng

RT: 23.98 min Scan# 3555

Delta R.T. -0.01 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

Instrument :

BNA_G

ClientSampleId :

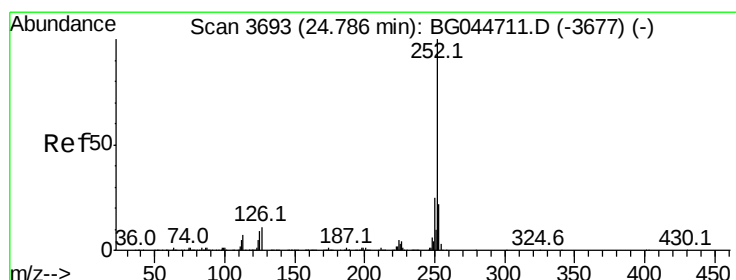
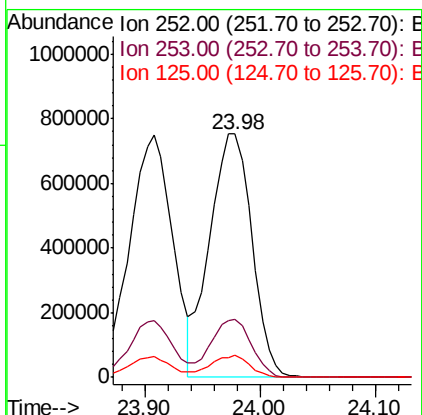
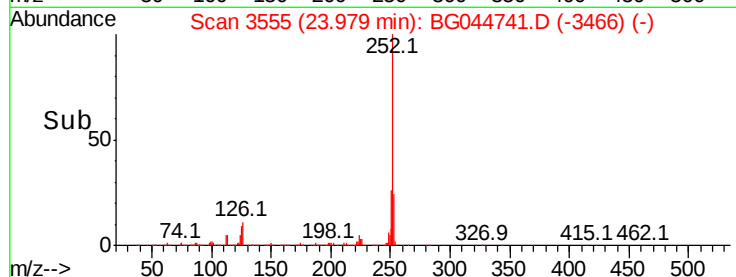
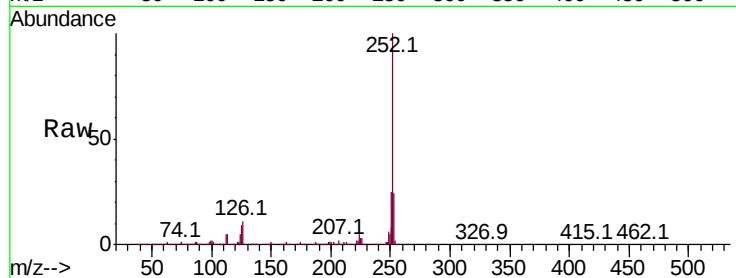
Tot Ion:252 Resp: 1910430

Ion Ratio Lower Upper

252 100

253 23.7 18.4 27.6

125 8.9 7.0 10.4



#90

Benzo(a)pyrene

Concen: 42.058 ng

RT: 24.77 min Scan# 3690

Delta R.T. -0.01 min

Lab File: BG044741.D

Acq: 12 Mar 2020 18:50

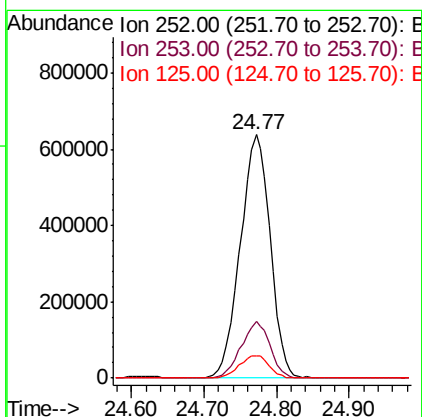
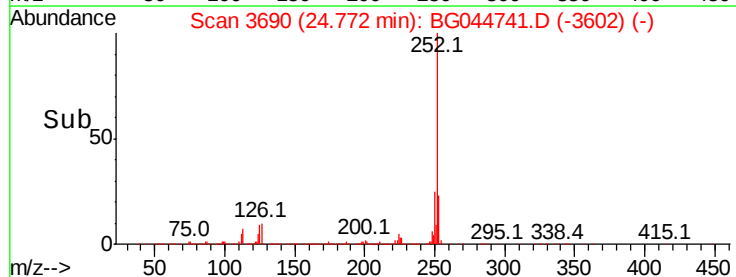
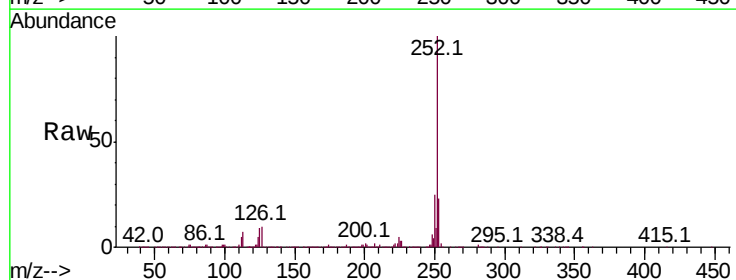
Tgt Ion:252 Resp: 1826156

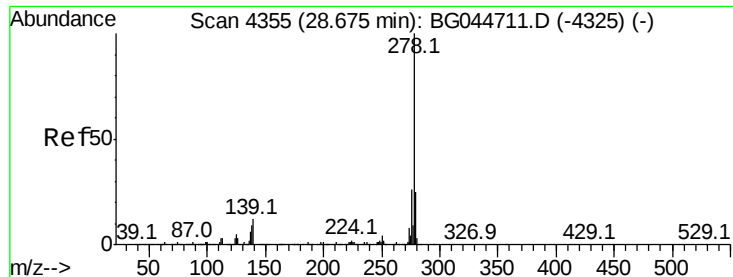
Ion Ratio Lower Upper

252 100

253 23.3 17.7 26.5

125 9.3 7.0 10.6



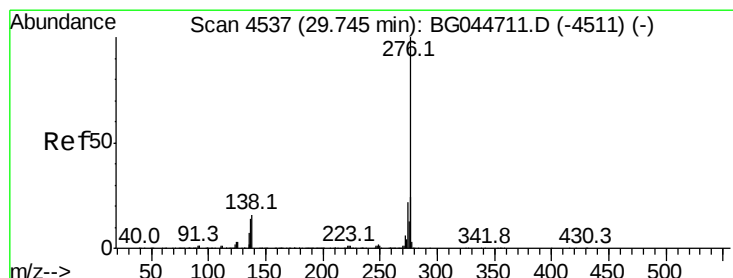
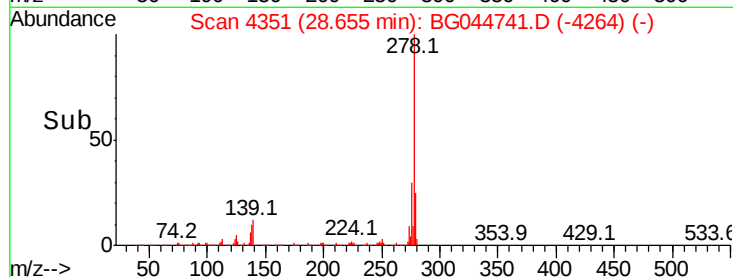
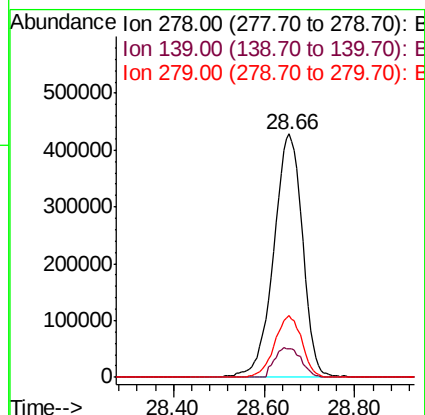
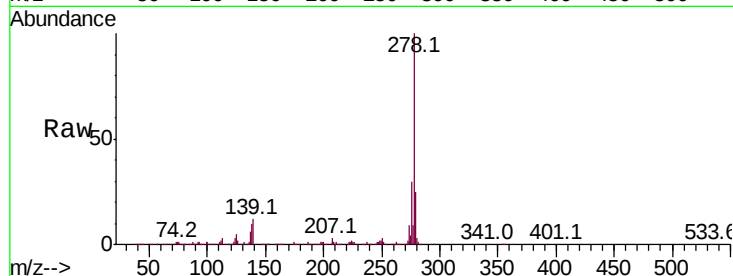


#91
 Dibenzo(a,h)anthracene
 Concen: 44.167 ng
 RT: 28.66 min Scan# 4351
 Delta R.T. -0.02 min
 Lab File: BG044741.D
 Acq: 12 Mar 2020 18:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:278 Resp: 1891925

Ion	Ratio	Lower	Upper
278	100		
139	12.0	9.9	14.9
279	25.5	20.2	30.4



#92
 Benzo(g,h,i)perylene
 Concen: 45.023 ng
 RT: 29.73 min Scan# 4534
 Delta R.T. -0.01 min
 Lab File: BG044741.D
 Acq: 12 Mar 2020 18:50

Tgt Ion:276 Resp: 1948504

Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.8	28.2
138	15.2	13.0	19.4

