

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030620\
 Data File : BG044693.D
 Acq On : 6 Mar 2020 11:59
 Operator : CG/JU
 Sample : L1161-01
 Misc : LOD-MDL-SOIL 5PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 07 03:45:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 05 17:42:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	70306	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	282112	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	195684	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	455870	20.00	ng	0.00
76) Chrysene-d12	21.71	240	440972	20.00	ng	0.00
87) Perylene-d12	24.94	264	503177	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	608427	129.97	ng	0.00
7) Phenol-d6	7.21	99	902205	127.50	ng	0.00
23) Nitrobenzene-d5	9.22	82	626435	101.10	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	390103	145.13	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1324081	94.26	ng	0.00
79) Terphenyl-d14	20.06	244	2165791	87.67	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.53	88	9836	4.383	ng	94
3) Pyridine	3.93	79	24188	3.477	ng	92
4) n-Nitrosodimethylamine	3.84	42	11774	4.001	ng	# 67
6) Aniline	7.38	93	39601	4.467	ng	95
8) 2-Chlorophenol	7.63	128	20893	4.403	ng	87
9) Benzaldehyde	7.19	77	26794	6.451	ng	99
10) Phenol	7.24	94	29230	4.193	ng	92
11) bis(2-Chloroethyl)ether	7.47	93	23227	4.337	ng	95
12) 1,3-Dichlorobenzene	7.95	146	24431	4.330	ng	92
13) 1,4-Dichlorobenzene	7.95	146	24431	4.334	ng	90
14) 1,2-Dichlorobenzene	8.42	146	23339	4.380	ng	95
15) Benzyl Alcohol	8.29	79	23500	3.850	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.59	45	40804	4.032	ng	98
17) 2-Methylphenol	8.49	107	19181	4.016	ng	97
18) Hexachloroethane	9.16	117	9385	4.151	ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	22973	4.346	ng	96
20) 3+4-Methylphenols	8.82	107	28480	4.280	ng	97
22) Acetophenone	8.88	105	39991	4.856	ng	# 91
24) Nitrobenzene	9.26	77	31963	4.865	ng	96
25) Isophorone	9.79	82	64721	4.737	ng	98
26) 2-Nitrophenol	9.97	139	8568	3.988	ng	95
27) 2,4-Dimethylphenol	10.03	122	19469	4.542	ng	96
28) bis(2-Chloroethoxy)methane	10.27	93	34557	4.492	ng	97
29) 2,4-Dichlorophenol	10.51	162	20119	4.125	ng	90
30) 1,2,4-Trichlorobenzene	10.73	180	24973	4.408	ng	94
31) Naphthalene	10.92	128	74423	4.701	ng	96
32) Benzoic acid	10.08	122	3107	1.033	ng	# 79
33) 4-Chloroaniline	11.01	127	33365	4.576	ng	98
34) Hexachlorobutadiene	11.22	225	17090	4.415	ng	# 82
35) Caprolactam	11.75	113	8543	4.196	ng	# 82
36) 4-Chloro-3-methylphenol	12.13	107	25377	4.108	ng	# 90
37) 2-Methylnaphthalene	12.52	142	55371	4.635	ng	97
38) 1-Methylnaphthalene	12.52	142	55371	4.903	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	31799	5.006	ng	97

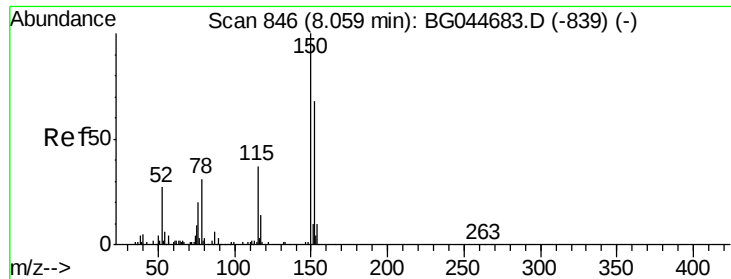
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030620\
 Data File : BG044693.D
 Acq On : 6 Mar 2020 11:59
 Operator : CG/JU
 Sample : L1161-01
 Misc : LOD-MDL-SOIL 5PPM
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Quant Time: Mar 07 03:45:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 05 17:42:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	16552	4.456	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	17203	3.906	ng	96
44) 2,4,5-Trichlorophenol	13.19	196	19888	4.403	ng #	92
46) 1,1'-Biphenyl	13.53	154	76066	4.887	ng	97
47) 2-Chloronaphthalene	13.57	162	55522	4.677	ng	99
48) 2-Nitroaniline	13.75	65	16042	4.006	ng #	84
49) Acenaphthylene	14.41	152	96827	5.091	ng	95
50) Dimethylphthalate	14.15	163	76542	4.705	ng	97
51) 2,6-Dinitrotoluene	14.25	165	12880	4.406	ng	95
52) Acenaphthene	14.76	154	55253	4.493	ng	95
53) 3-Nitroaniline	14.57	138	14035	4.166	ng #	95
54) 2,4-Dinitrophenol	14.78	184	3380	2.490	ng #	58
55) Dibenzofuran	15.09	168	88920	4.825	ng	99
56) 4-Nitrophenol	14.87	139	10792	4.117	ng	92
57) 2,4-Dinitrotoluene	15.04	165	16198	4.147	ng	97
58) Fluorene	15.74	166	74474	4.886	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.31	232	17820	4.146	ng #	94
60) Diethylphthalate	15.51	149	80668	4.638	ng	97
61) 4-Chlorophenyl-phenylether	15.74	204	38772	4.688	ng	97
62) 4-Nitroaniline	15.74	138	15379	4.145	ng	97
63) Azobenzene	16.03	77	93073	5.113	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	6586	3.536	ng	85
66) n-Nitrosodiphenylamine	15.94	169	65443	4.695	ng	96
67) 4-Bromophenyl-phenylether	16.63	248	24757	4.306	ng	92
68) Hexachlorobenzene	16.75	284	27338	4.404	ng	94
69) Atrazine	16.90	200	28301	5.254	ng	90
70) Pentachlorophenol	17.09	266	13124	3.726	ng	93
71) Phenanthrene	17.48	178	121587	4.864	ng	99
72) Anthracene	17.57	178	126541	5.140	ng	96
73) Carbazole	17.84	167	115202	4.886	ng	97
74) Di-n-butylphthalate	18.42	149	145813	4.910	ng #	96
75) Fluoranthene	19.49	202	152212	5.038	ng	99
77) Benzidine	19.66	184	88274	5.015	ng	95
78) Pyrene	19.85	202	154713	4.600	ng	97
80) Butylbenzylphthalate	20.75	149	60974	4.061	ng	95
81) Benzo(a)anthracene	21.70	228	154373	4.668	ng	97
82) 3,3'-Dichlorobenzidine	21.61	252	61835	4.696	ng	99
83) Chrysene	21.76	228	146276	4.647	ng	97
84) Bis(2-ethylhexyl)phthalate	21.64	149	91532	4.372	ng	99
85) Di-n-octyl phthalate	22.86	149	153304	4.264	ng	100
86) Indeno(1,2,3-cd)pyrene	28.61	276	178097	4.284	ng	92
88) Benzo(b)fluoranthene	23.92	252	152124	4.442	ng	98
89) Benzo(k)fluoranthene	23.98	252	154112	4.801	ng	95
90) Benzo(a)pyrene	24.79	252	141960	4.451	ng	98
91) Dibenzo(a,h)anthracene	28.67	278	148765	4.677	ng #	91
92) Benzo(g,h,i)perylene	29.73	276	147411	4.627	ng	94

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

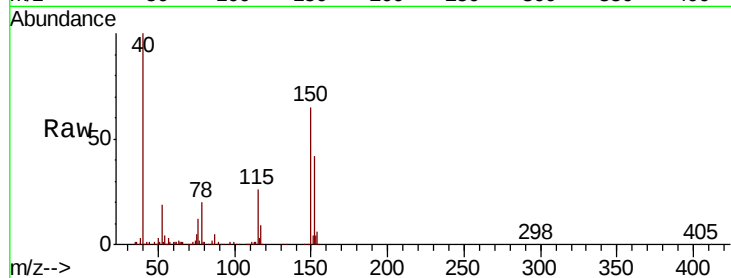


#1

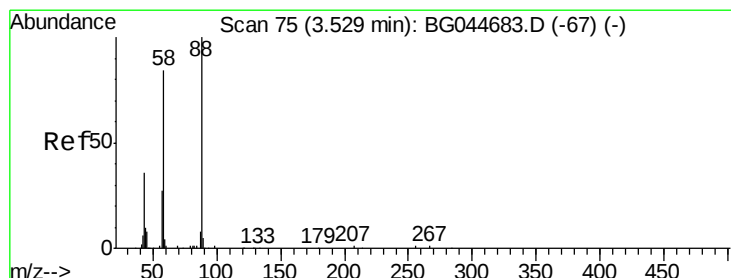
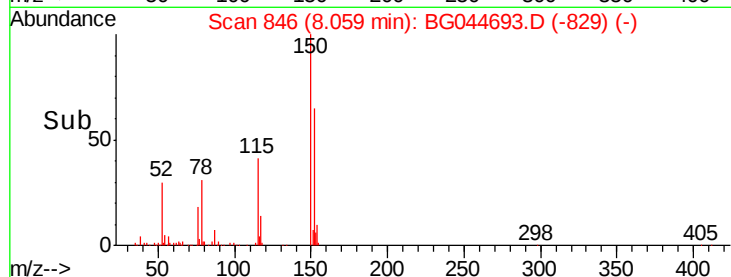
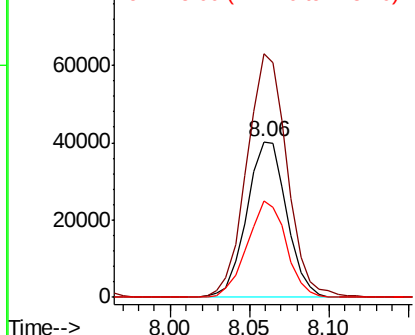
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 70306
Ion Ratio Lower Upper
152 100
150 156.6 118.6 177.8
115 62.4 43.6 65.4



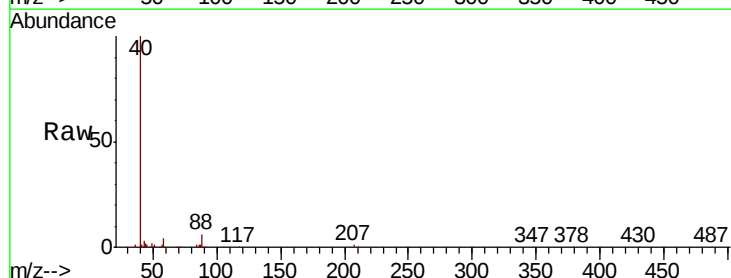
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



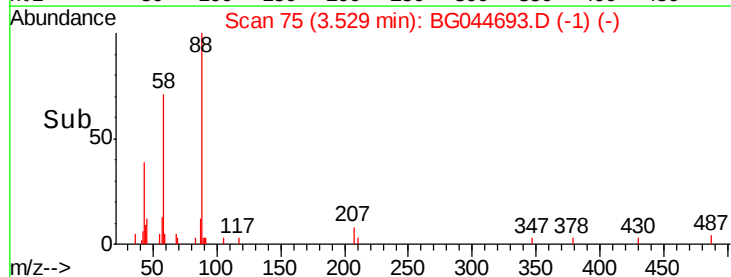
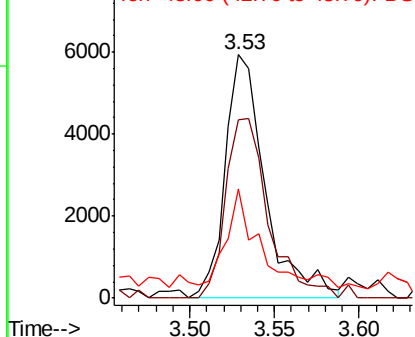
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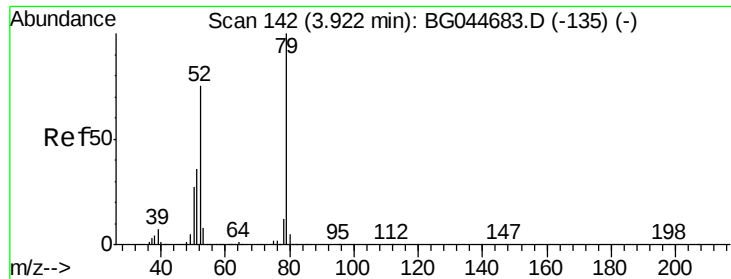
1,4-Dioxane
Concen: 4.383 ng
RT: 3.53 min Scan# 75
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion: 88 Resp: 9836
Ion Ratio Lower Upper
88 100
58 79.6 66.6 99.8
43 28.8 27.4 41.2



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: 3.477 ng

RT: 3.93 min Scan# 144

Delta R.T. 0.01 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Instrument :

BNA_G

ClientSampleId :

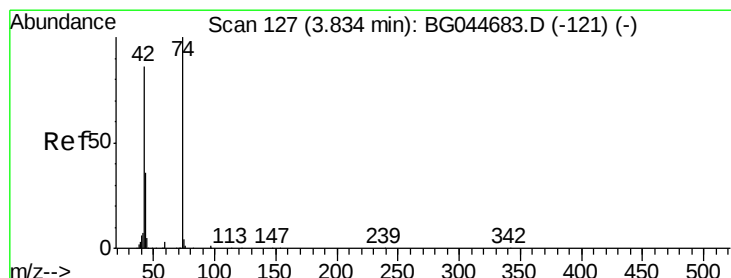
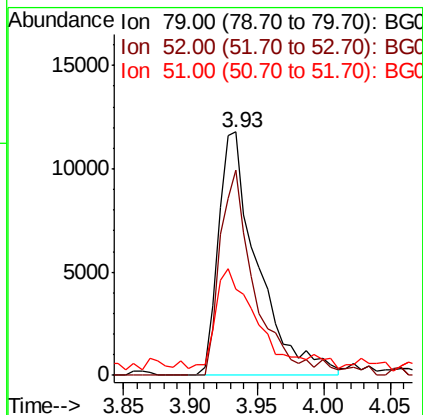
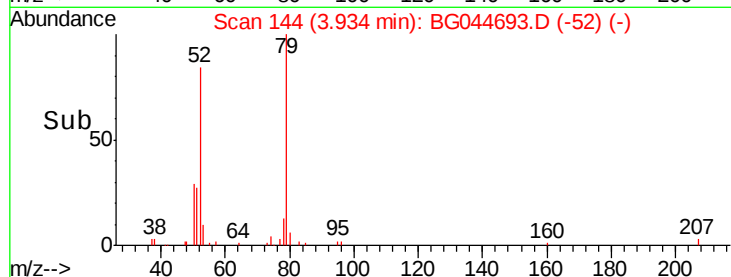
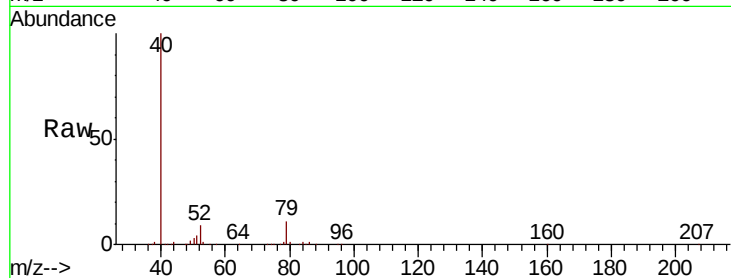
Tot Ion: 79 Resp: 24188

Ion Ratio Lower Upper

79 100

52 84.5 59.9 89.9

51 35.2 29.3 43.9



#4

n-Nitrosodimethylamine

Concen: 4.001 ng

RT: 3.84 min Scan# 128

Delta R.T. 0.01 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

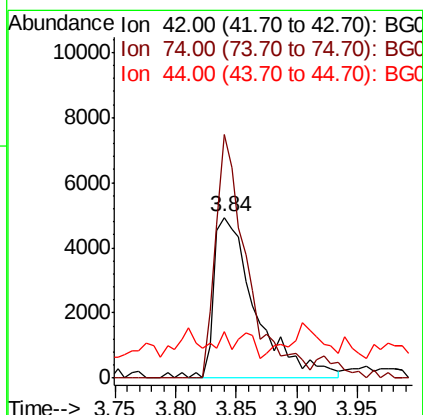
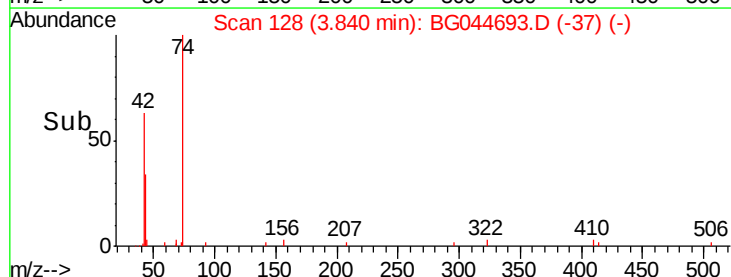
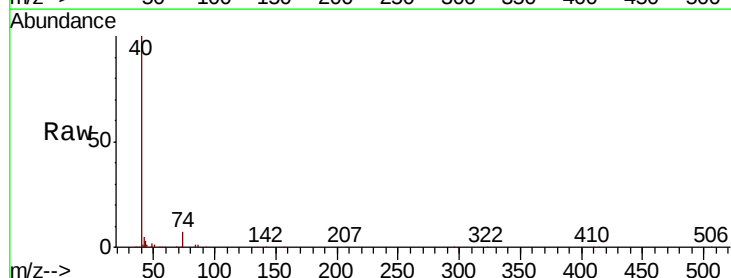
Tgt Ion: 42 Resp: 11774

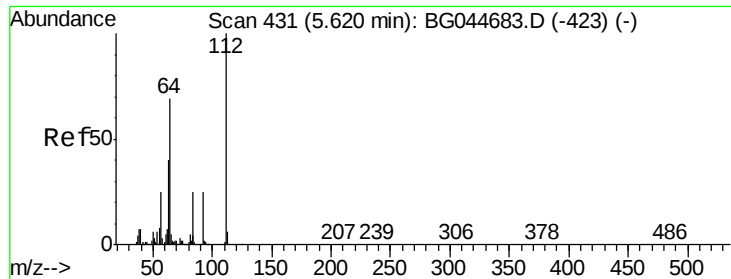
Ion Ratio Lower Upper

42 100

74 151.6 93.4 140.2#

44 28.8 8.9 13.3#





#5

2-Fluorophenol

Concen: 129.968 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Instrument :

BNA_G

ClientSampleId :

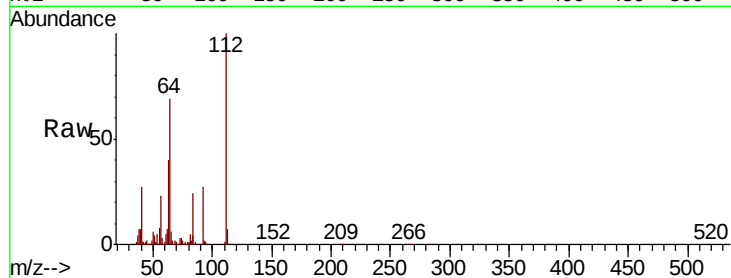
Tot Ion:112 Resp: 608427

Ion Ratio Lower Upper

112 100

64 69.3 55.4 83.0

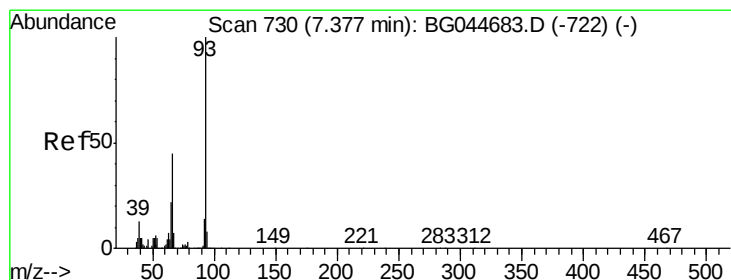
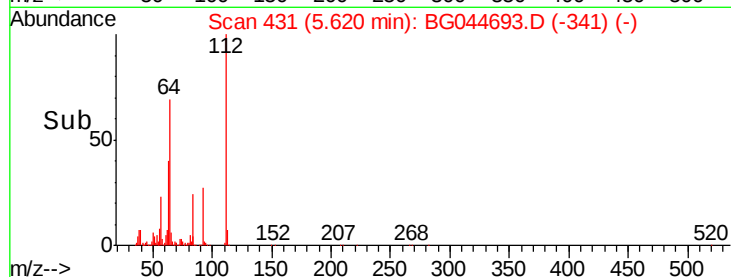
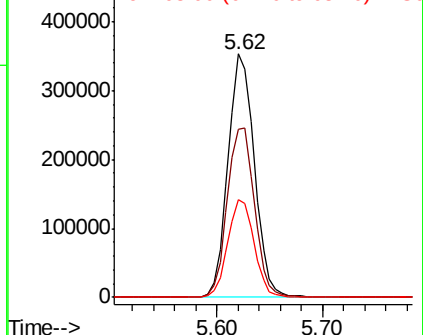
63 40.0 32.1 48.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 4.467 ng

RT: 7.38 min Scan# 731

Delta R.T. 0.01 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

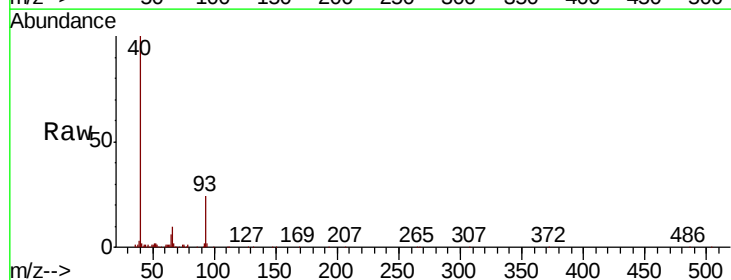
Tgt Ion: 93 Resp: 39601

Ion Ratio Lower Upper

93 100

66 40.7 35.8 53.8

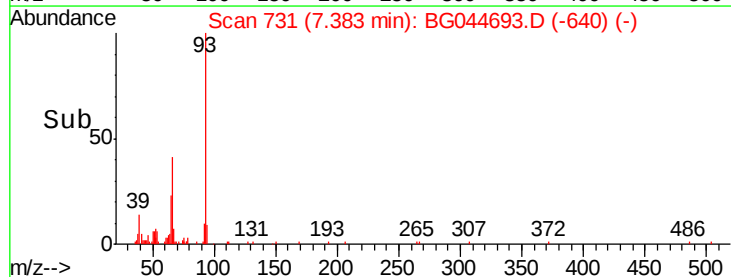
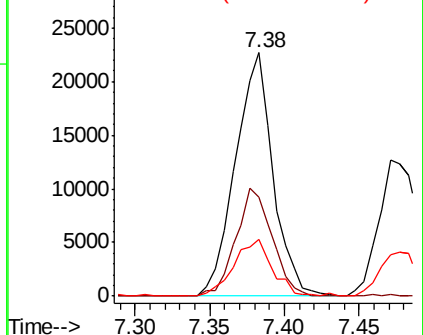
65 23.4 17.9 26.9

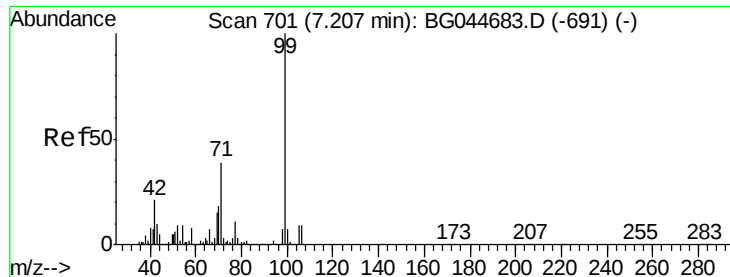


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 127.501 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Instrument :

BNA_G

ClientSampleId :

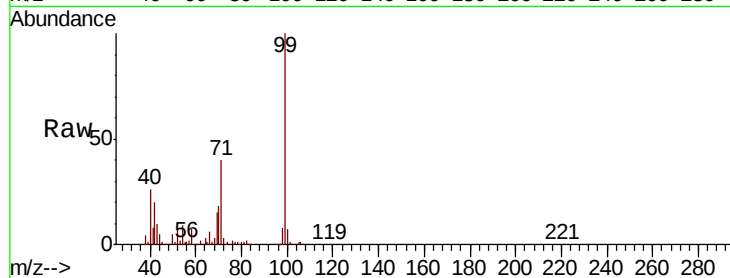
Tot Ion: 99 Resp: 902205

Ion Ratio Lower Upper

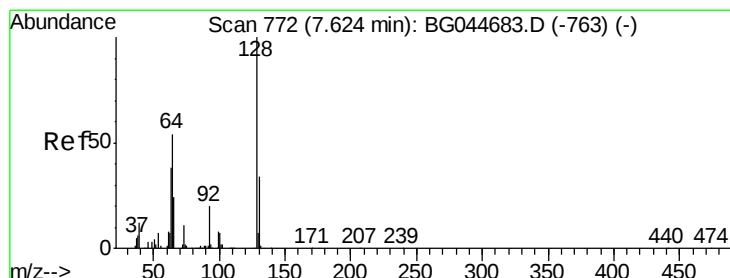
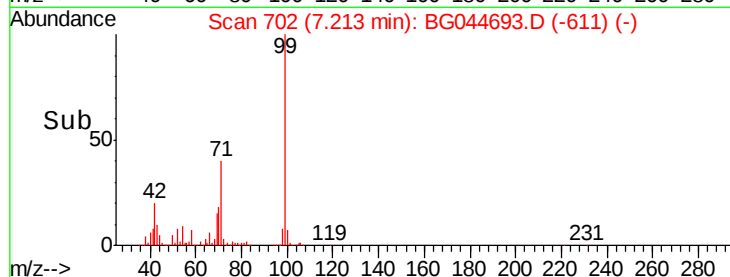
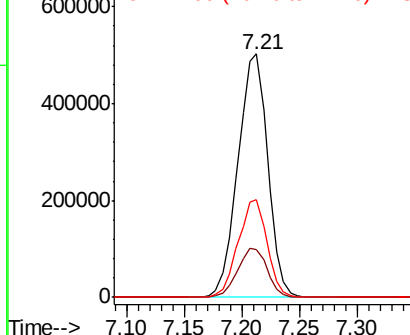
99 100

42 19.8 16.5 24.7

71 39.9 30.9 46.3



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: 4.403 ng

RT: 7.63 min Scan# 773

Delta R.T. 0.01 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

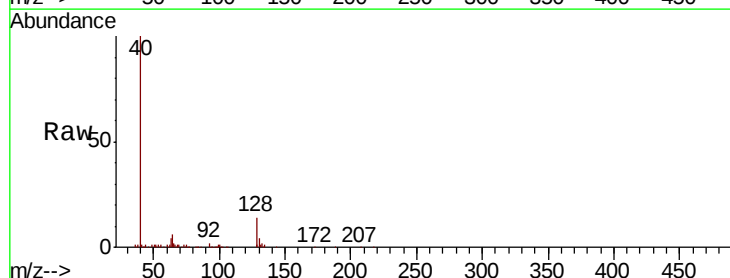
Tgt Ion:128 Resp: 20893

Ion Ratio Lower Upper

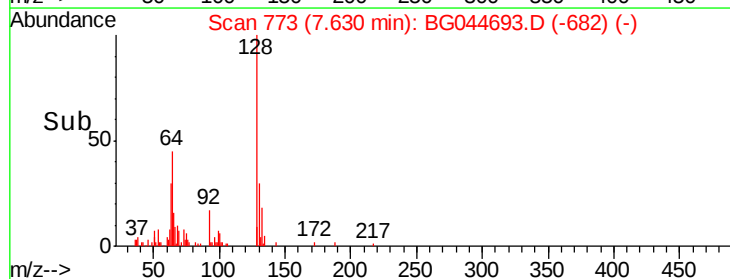
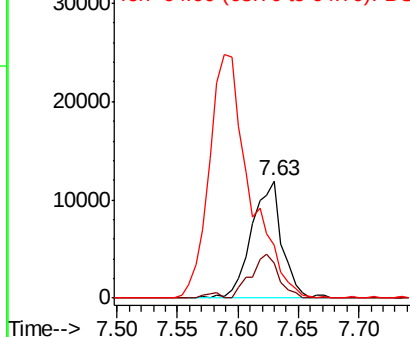
128 100

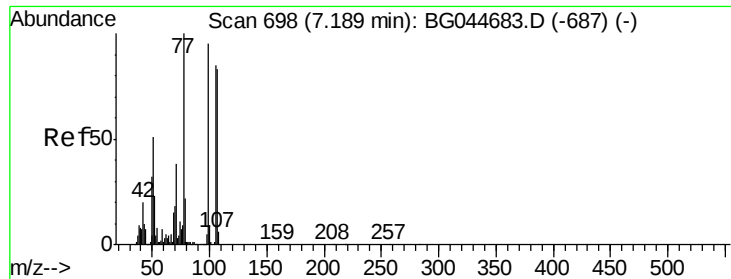
130 30.1 14.0 54.0

64 45.2 37.6 77.6



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: 6.451 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Instrument :

BNA_G

ClientSampleId :

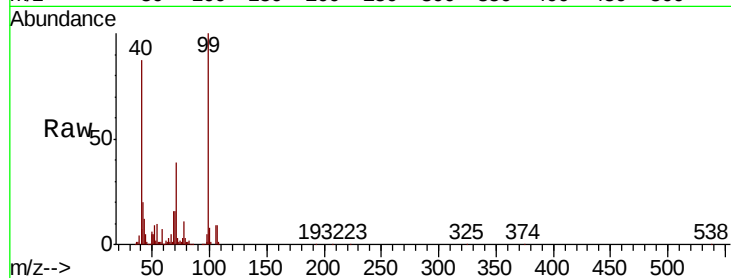
Tot Ion: 77 Resp: 26794

Ion Ratio Lower Upper

77 100

105 86.5 65.1 105.1

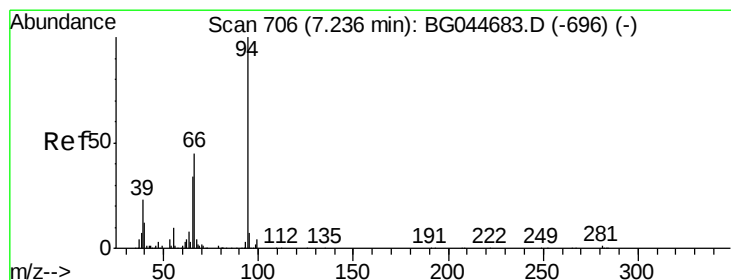
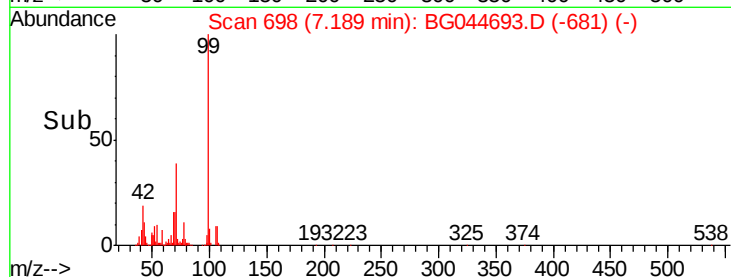
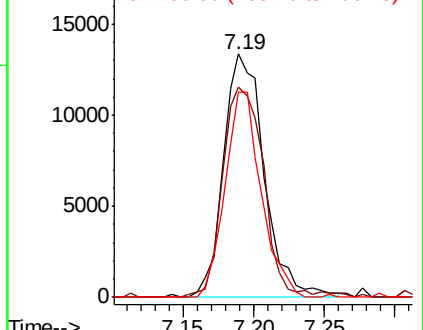
106 84.2 63.1 103.1



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: 4.193 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

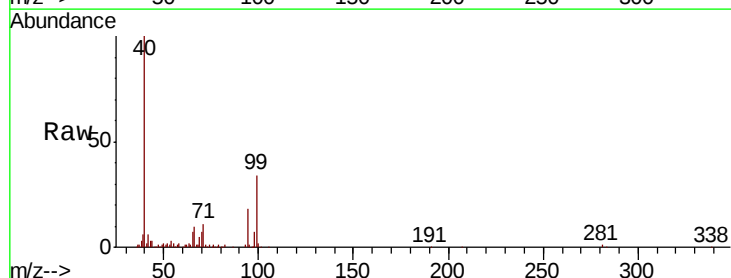
Tgt Ion: 94 Resp: 29230

Ion Ratio Lower Upper

94 100

65 36.2 13.5 53.5

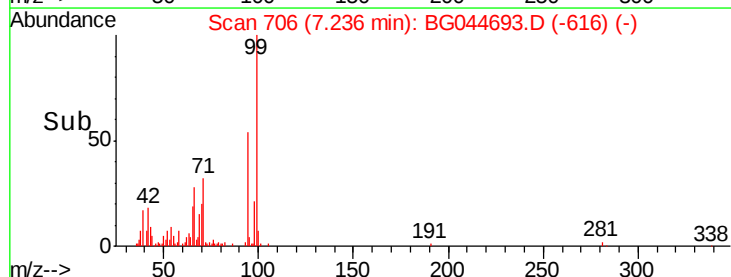
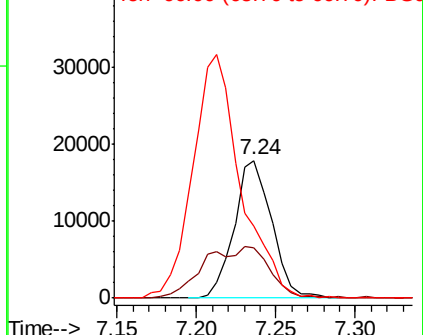
66 52.4 25.8 65.8

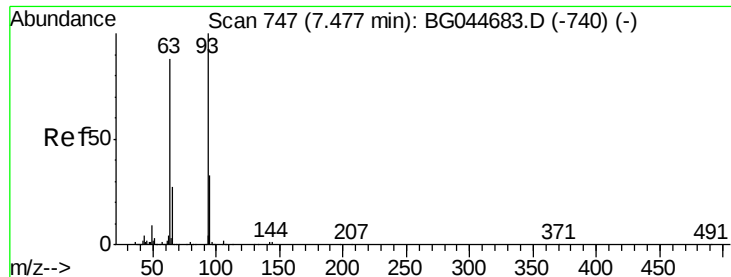


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

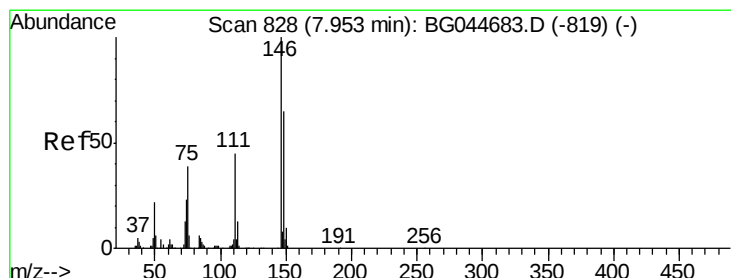
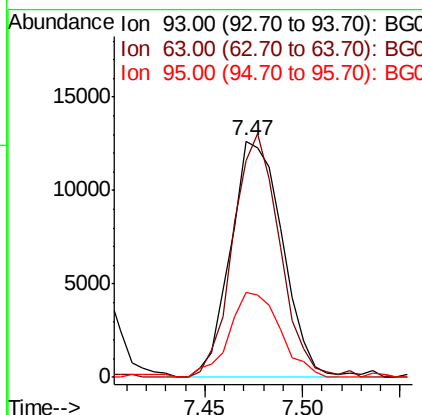
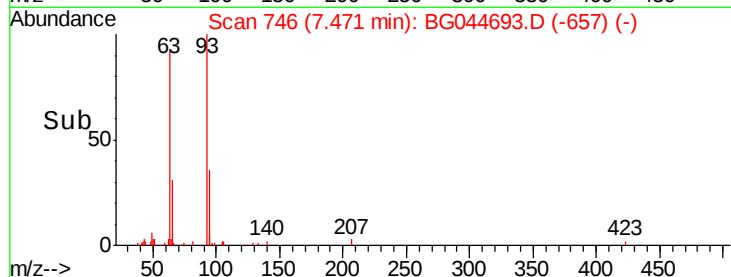
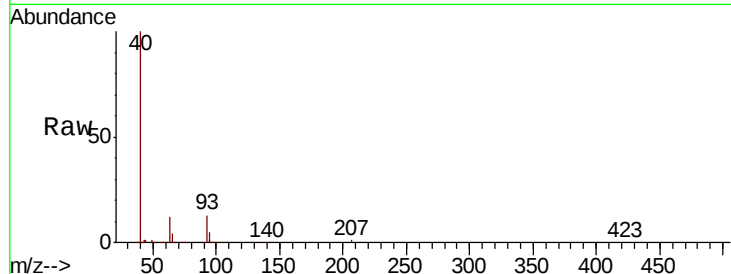




#11
bis(2-Chloroethyl)ether
Concen: 4.337 ng
RT: 7.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

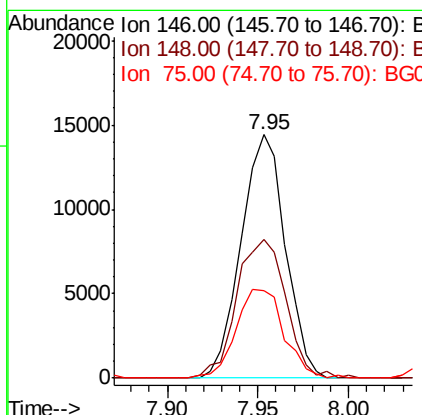
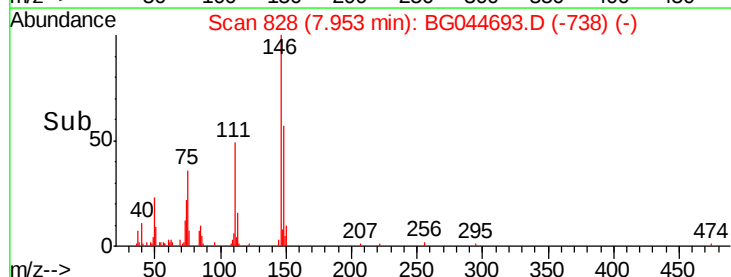
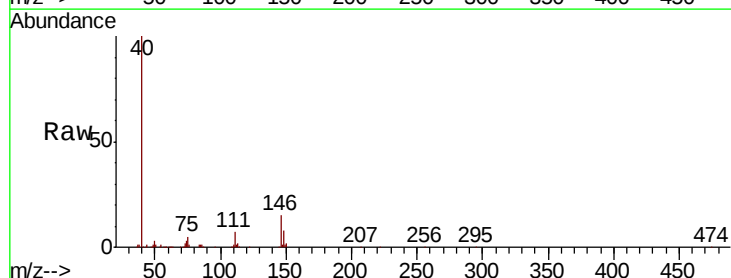
Instrument :
BNA_G
ClientSampleId :

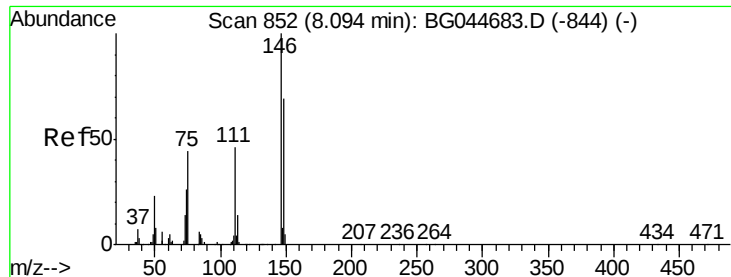
Tot Ion: 93 Resp: 23227
Ion Ratio Lower Upper
93 100
63 91.8 67.8 107.8
95 36.0 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 4.330 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion: 146 Resp: 24431
Ion Ratio Lower Upper
146 100
148 56.7 51.9 77.9
75 35.9 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 4.334 ng

RT: 7.95 min Scan# 828

Delta R.T. -0.14 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Instrument :

BNA_G

ClientSampleId :

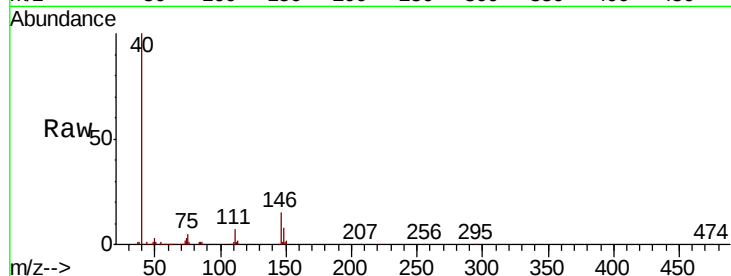
Tot Ion:146 Resp: 24431

Ion Ratio Lower Upper

146 100

148 56.7 55.0 82.4

111 48.7 37.2 55.8

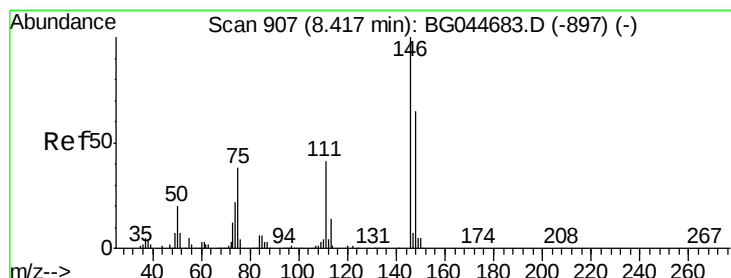
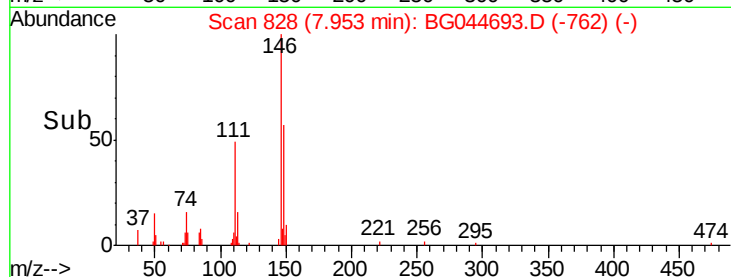
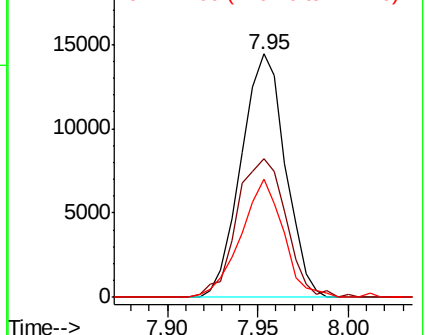


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 4.380 ng

RT: 8.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

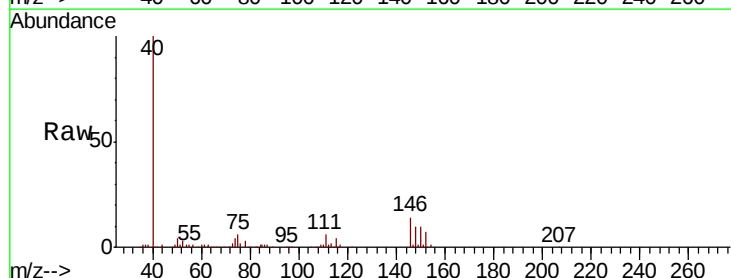
Tgt Ion:146 Resp: 23339

Ion Ratio Lower Upper

146 100

148 70.2 51.8 77.8

111 42.3 33.4 50.0

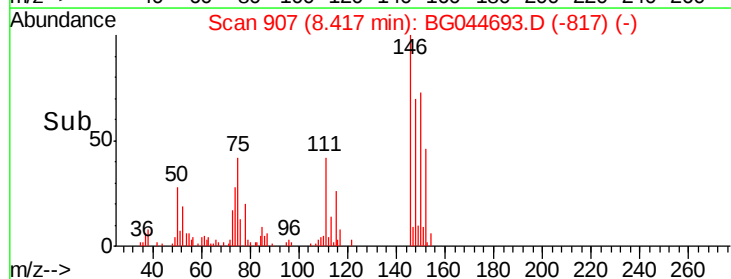
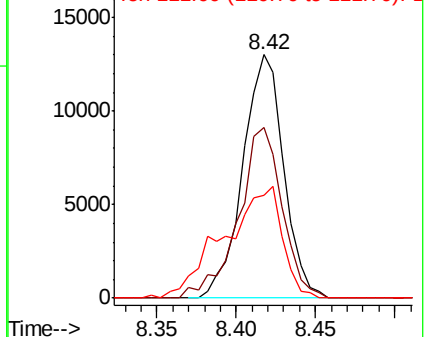


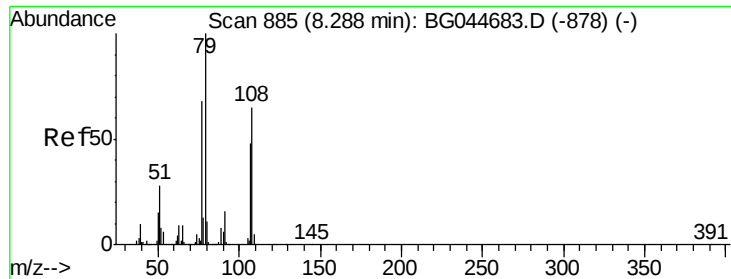
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

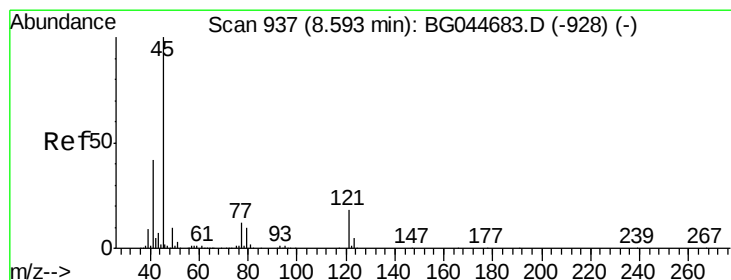
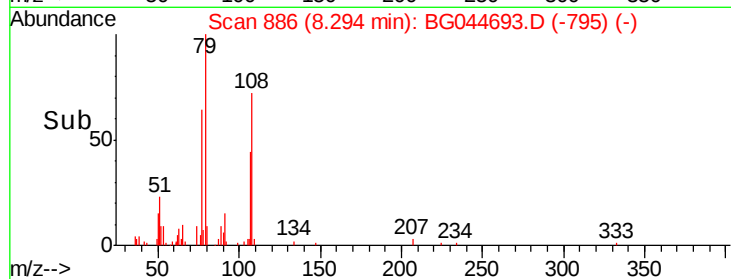
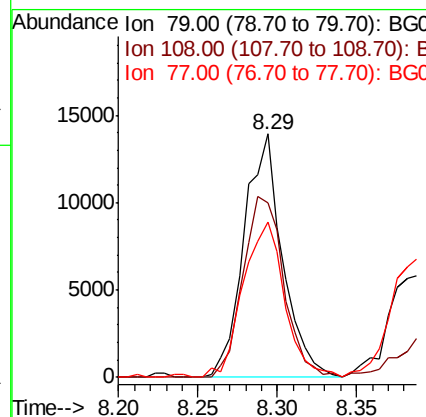
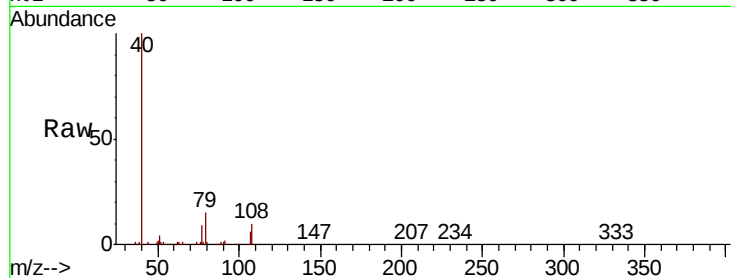




#15
Benzyl Alcohol
Concen: 3.850 ng
RT: 8.29 min Scan# 886
Delta R.T. 0.01 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

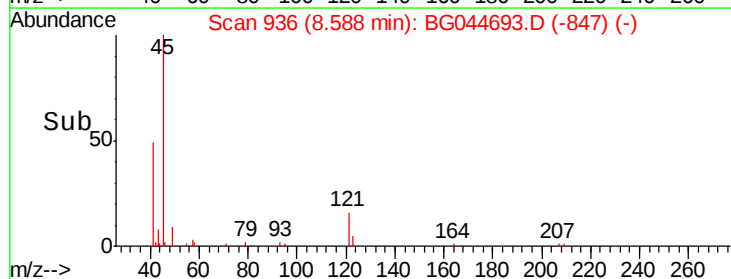
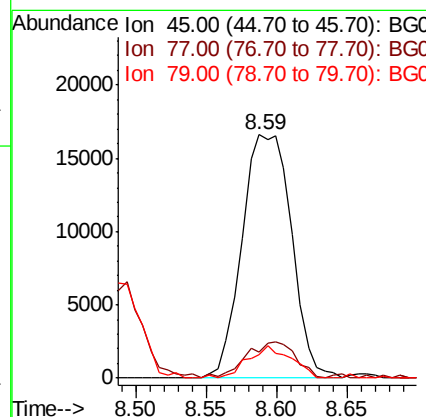
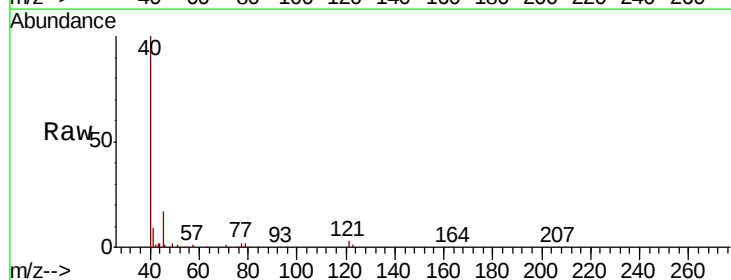
Instrument :
BNA_G
ClientSampleId :

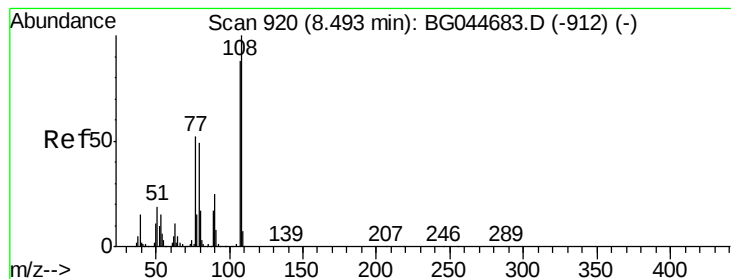
Tot Ion: 79 Resp: 23500
Ion Ratio Lower Upper
79 100
108 71.6 52.2 78.4
77 63.9 54.2 81.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.032 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion: 45 Resp: 40804
Ion Ratio Lower Upper
45 100
77 10.7 0.0 32.1
79 9.7 0.0 29.9





#17

2-Methylphenol

Concen: 4.016 ng

RT: 8.49 min Scan# 920

Delta R.T. 0.00 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 19181

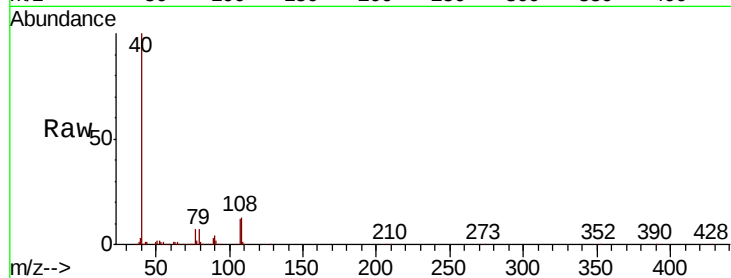
Ion Ratio Lower Upper

107 100

108 108.6 90.5 135.7

77 56.5 47.3 70.9

79 55.3 44.6 67.0



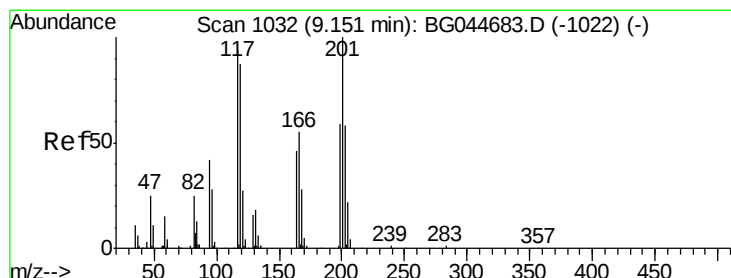
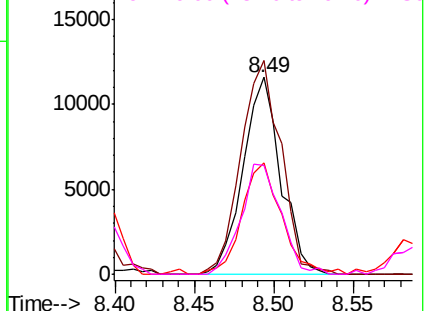
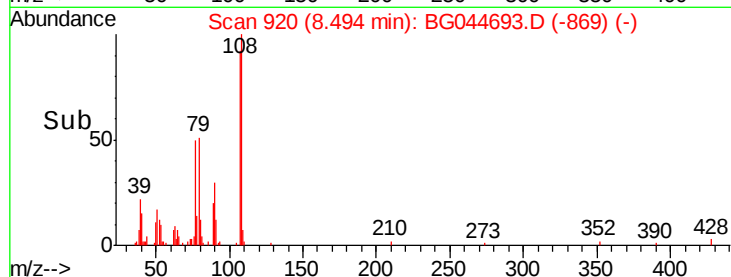
Abundance

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: 4.151 ng

RT: 9.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

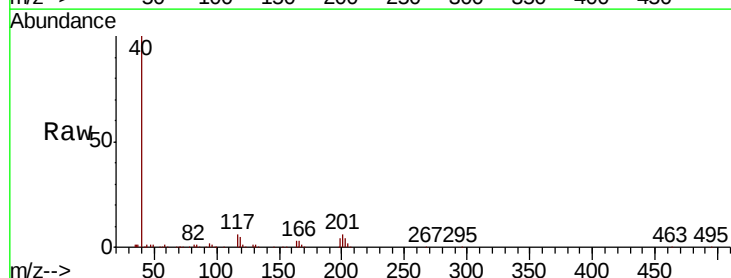
Tgt Ion:117 Resp: 9385

Ion Ratio Lower Upper

117 100

119 95.3 74.5 111.7

201 101.7 85.5 128.3

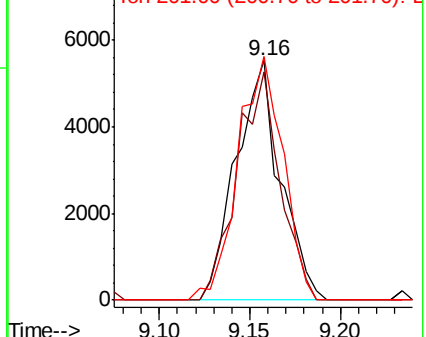
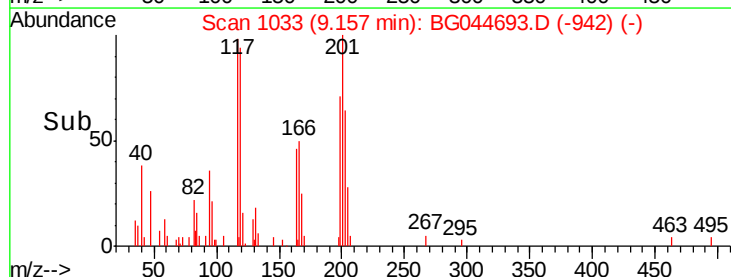


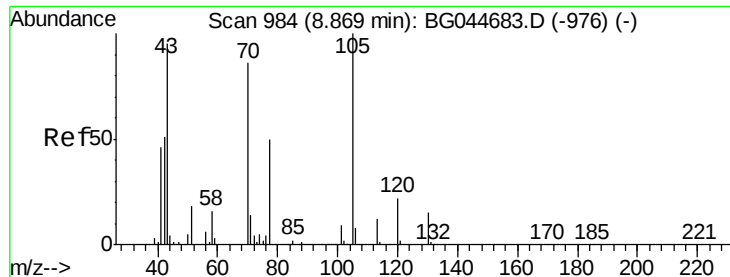
Abundance

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

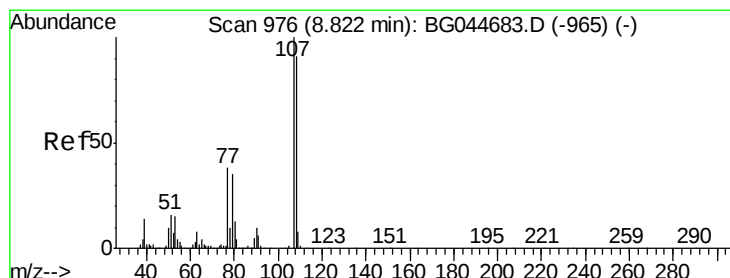
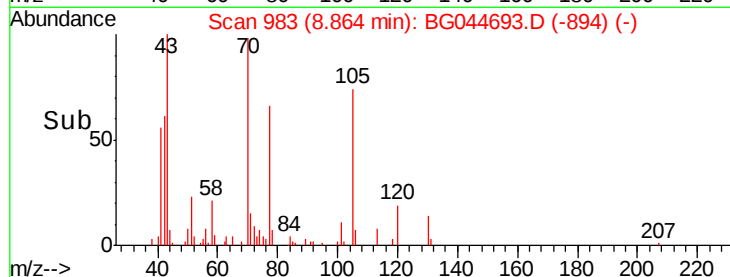
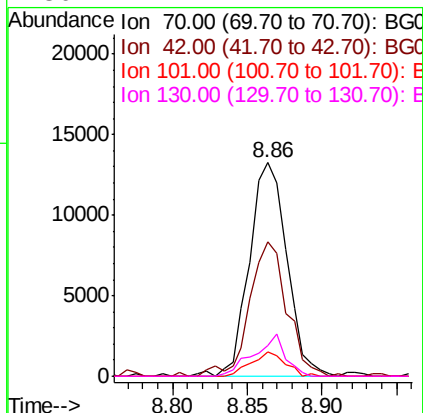
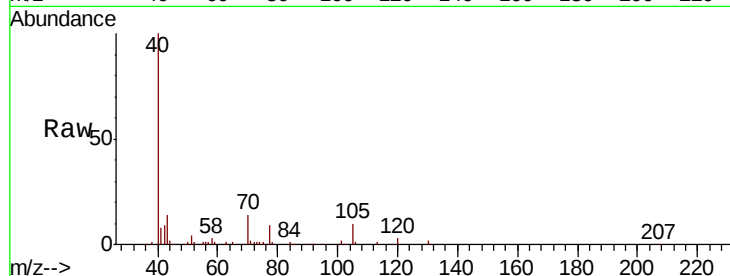




#19
n-Nitroso-di-n-propylamine
Concen: 4.346 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

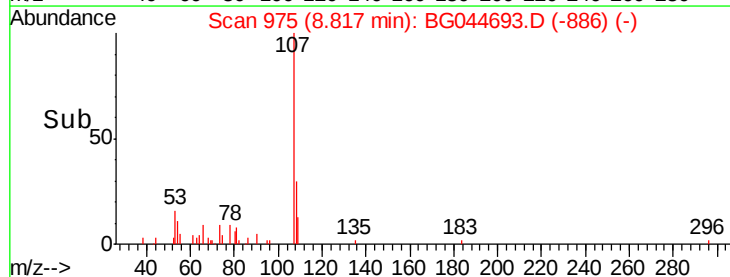
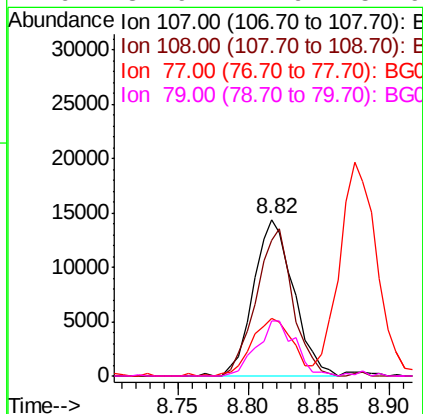
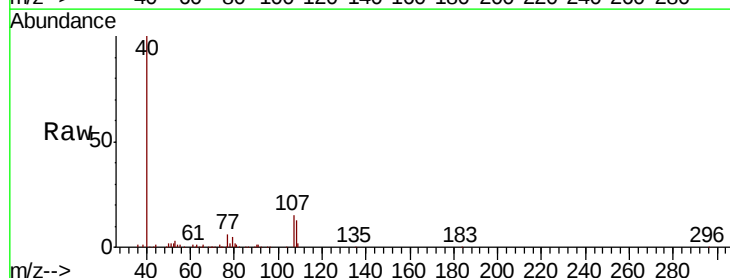
Instrument :
BNA_G
ClientSampleId :

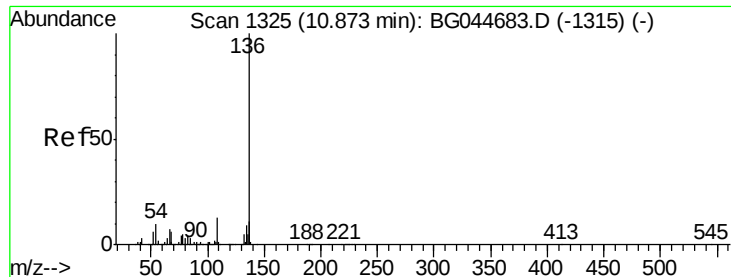
Tot Ion: 70 Resp: 22973
Ion Ratio Lower Upper
70 100
42 63.1 48.9 73.3
101 11.3 8.0 12.0
130 14.2 14.1 21.1



#20
3+4-Methylphenols
Concen: 4.280 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion: 107 Resp: 28480
Ion Ratio Lower Upper
107 100
108 86.7 70.8 110.8
77 36.6 17.8 57.8
79 34.9 14.9 54.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 282112

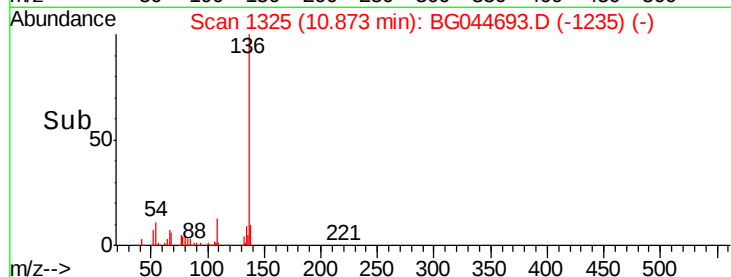
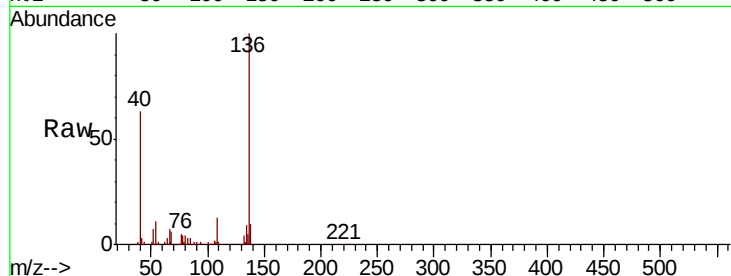
Ion Ratio Lower Upper

136 100

137 10.4 8.6 12.8

54 10.7 8.2 12.4

68 6.2 5.3 7.9

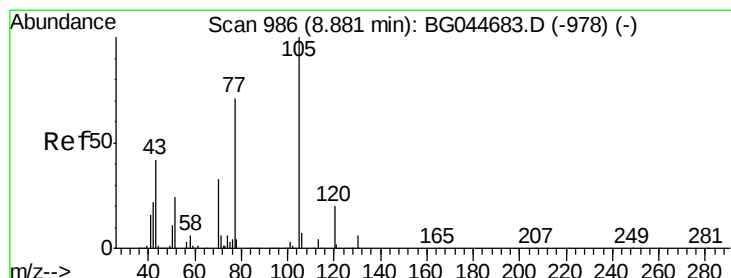
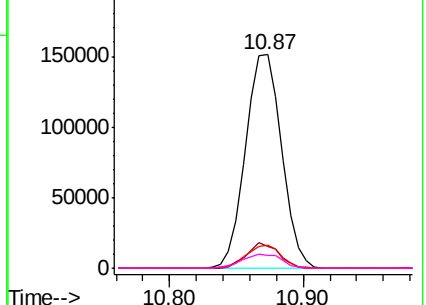


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 4.856 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Tgt Ion:105 Resp: 39991

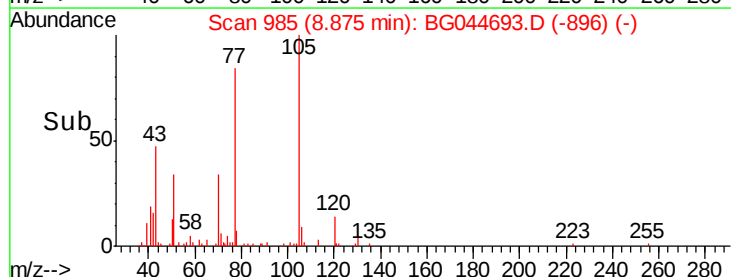
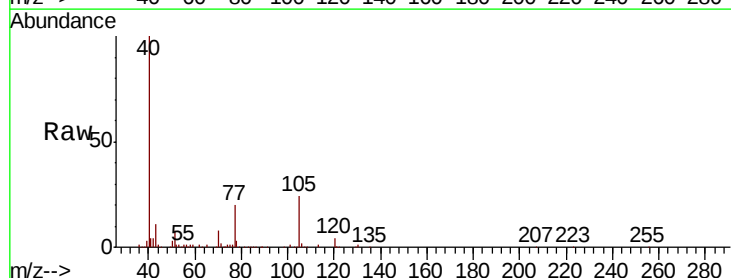
Ion Ratio Lower Upper

105 100

71 7.1 4.8 7.2

51 34.7 24.0 36.0

120 14.8 16.2 24.2#

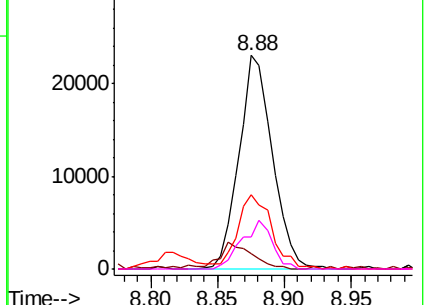


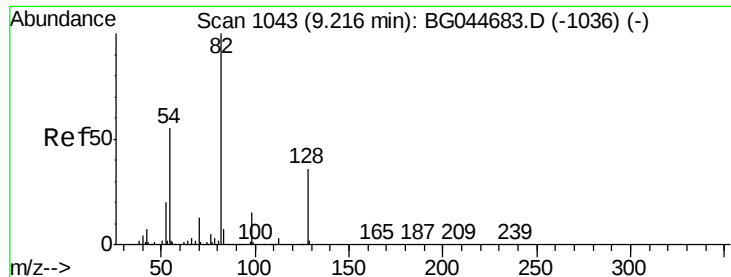
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

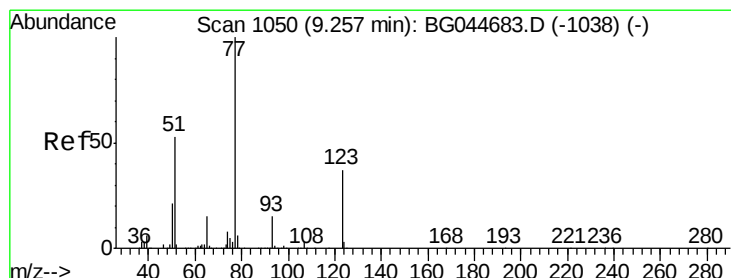
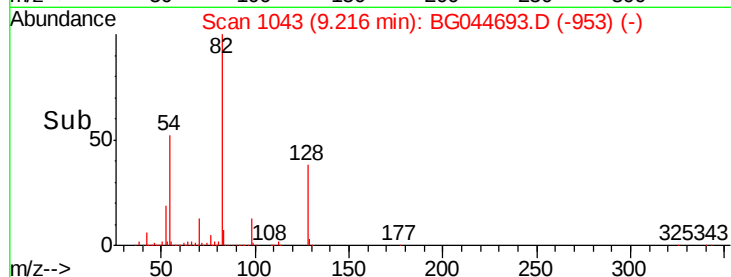
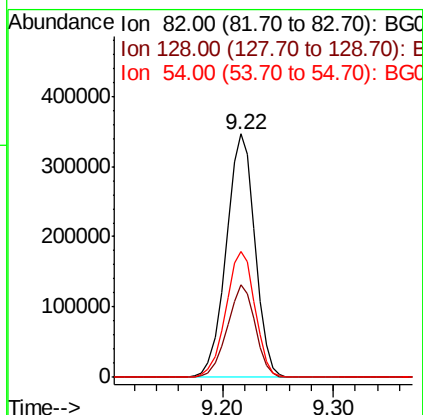
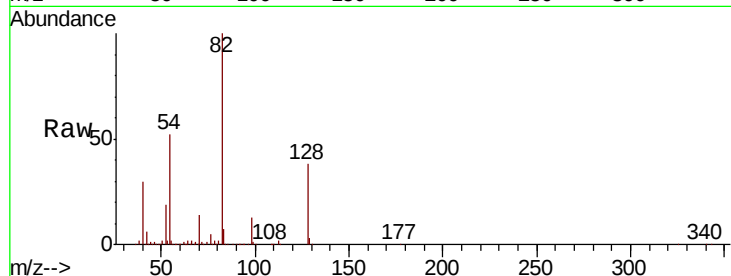




#23
 Nitrobenzene-d5
 Concen: 101.102 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

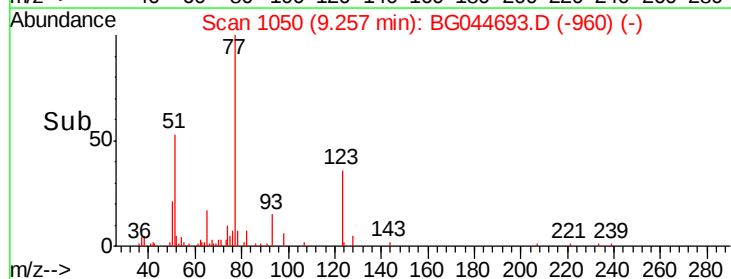
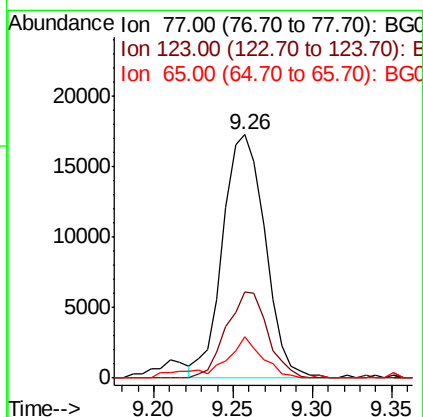
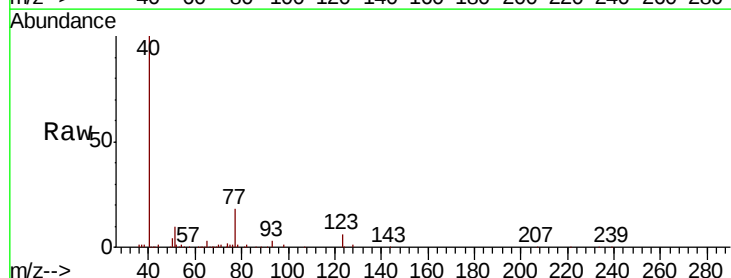
Instrument :
 BNA_G
 ClientSampleId :

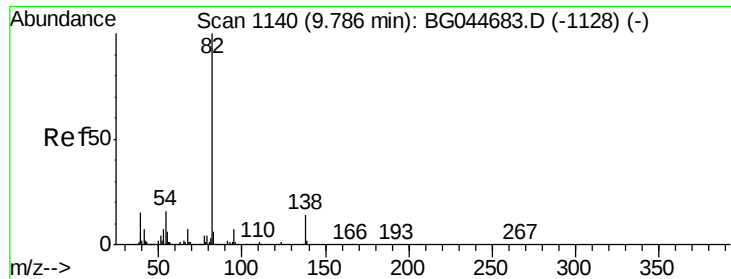
Tot Ion	82	Resp	626435
Ion Ratio	Lower	Upper	
82	100		
128	37.9	28.5	42.7
54	51.6	43.6	65.4



#24
 Nitrobenzene
 Concen: 4.865 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

Tgt Ion	77	Resp	31963
Ion Ratio	Lower	Upper	
77	100		
123	35.3	29.7	44.5
65	17.0	11.7	17.5





#25

Isophorone

Concen: 4.737 ng

RT: 9.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Instrument :

BNA_G

ClientSampleId :

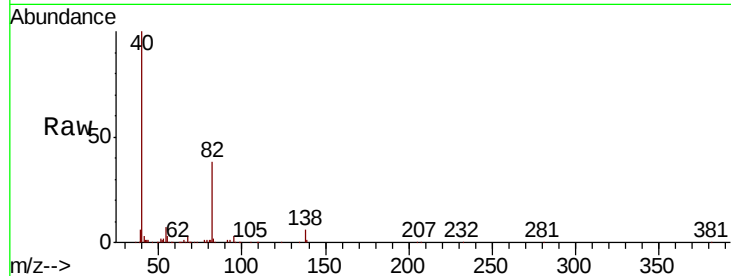
Tot Ion: 82 Resp: 64721

Ion Ratio Lower Upper

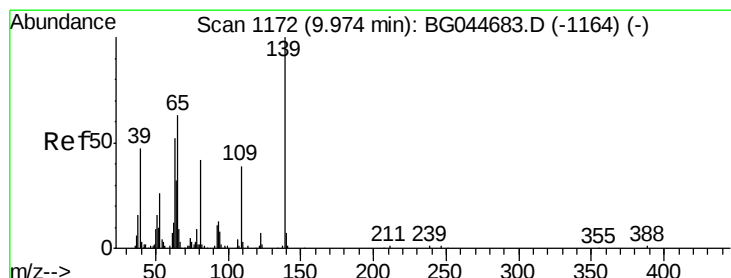
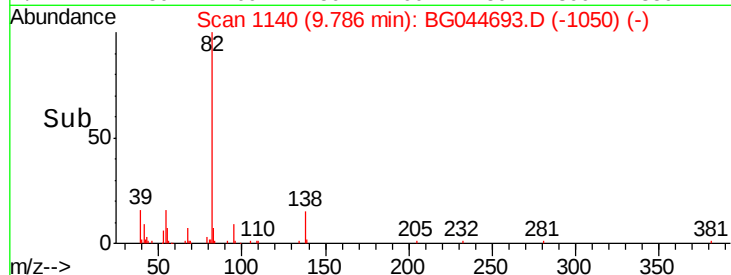
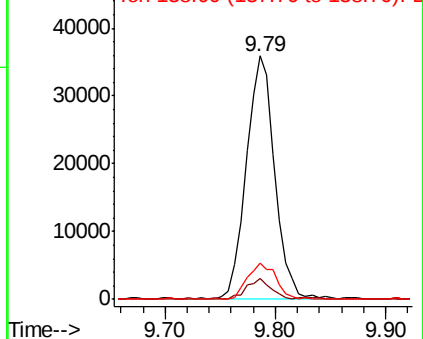
82 100

95 8.3 6.0 9.0

138 14.8 11.2 16.8



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



#26

2-Nitrophenol

Concen: 3.988 ng

RT: 9.97 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

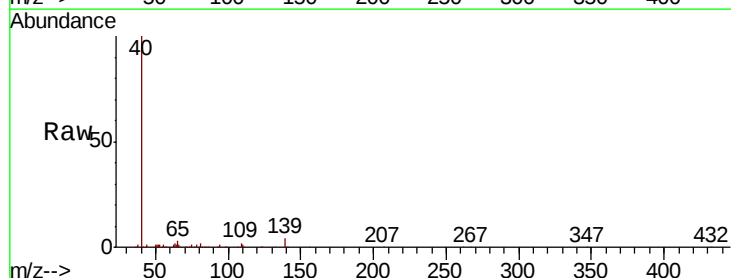
Tgt Ion: 139 Resp: 8568

Ion Ratio Lower Upper

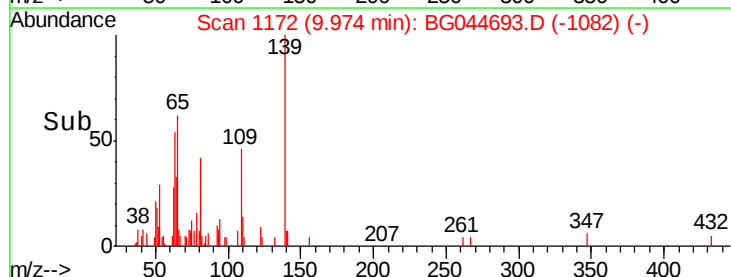
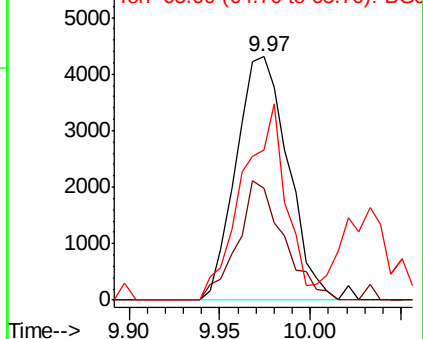
139 100

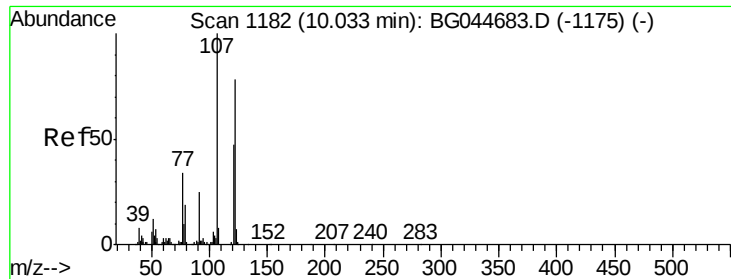
109 45.9 31.1 46.7

65 61.8 50.2 75.4



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

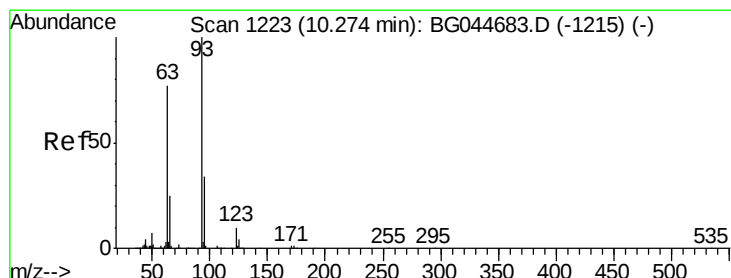
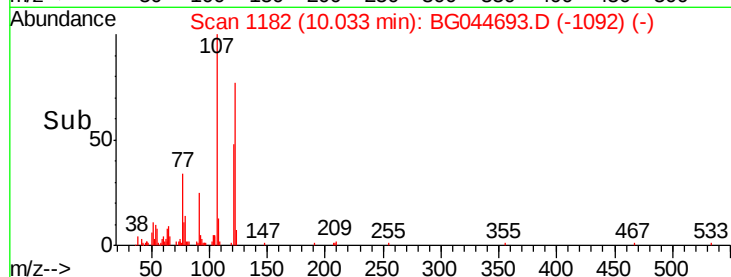
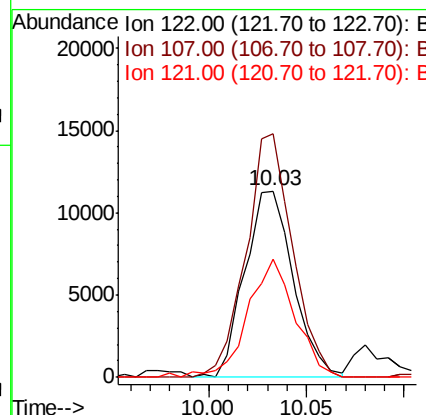
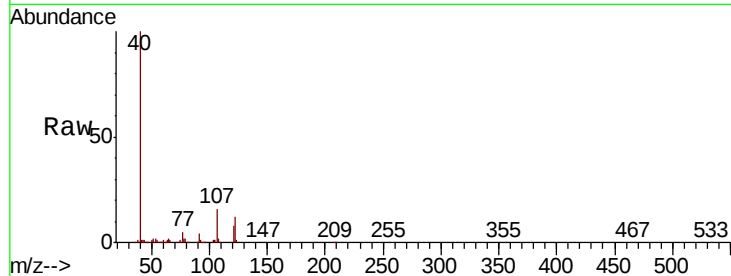




#27
2,4-Dimethylphenol
Concen: 4.542 ng
RT: 10.03 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

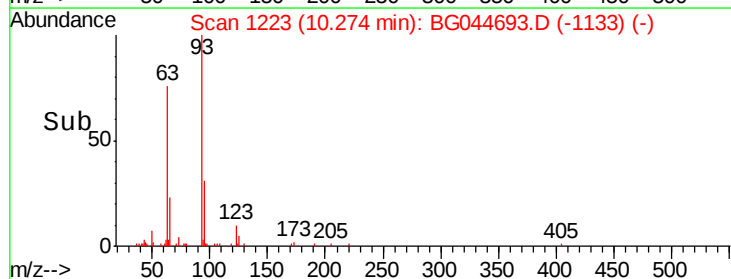
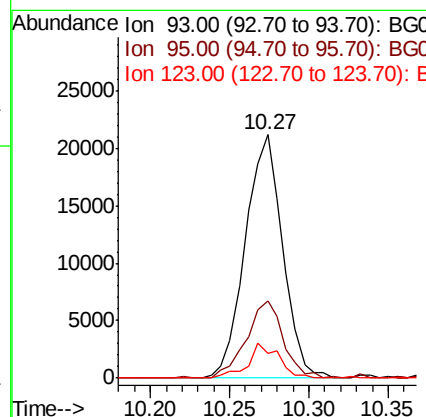
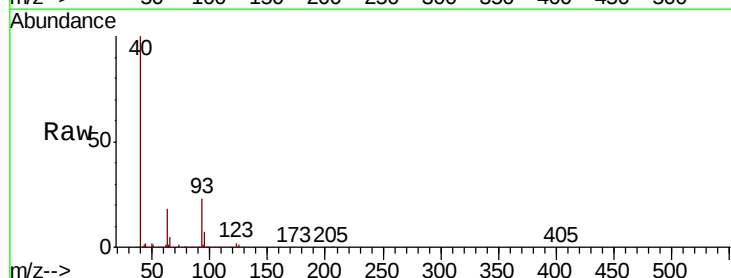
Instrument :
BNA_G
ClientSampleId :

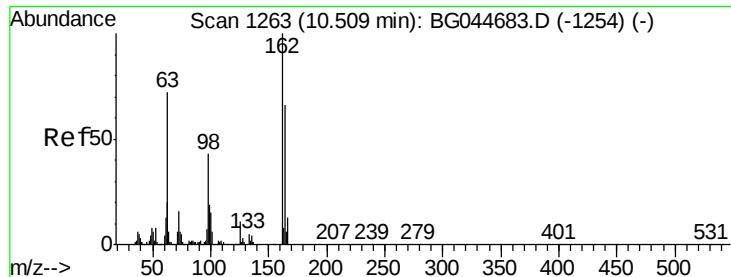
Tot Ion	Ratio	Lower	Upper
122	100		
107	130.7	101.7	152.5
121	63.3	47.5	71.3



#28
bis(2-Chloroethoxy)methane
Concen: 4.492 ng
RT: 10.27 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	27.0	40.6
123	10.4	8.3	12.5

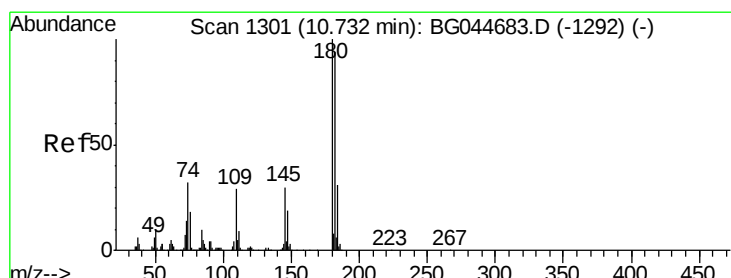
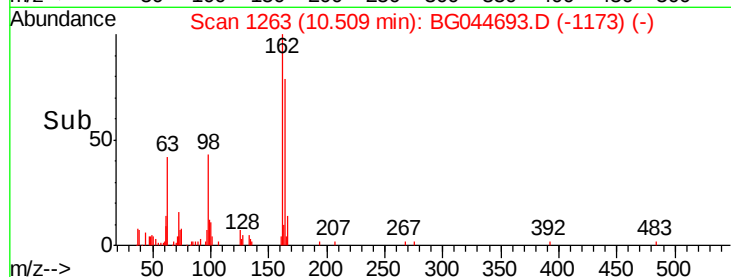
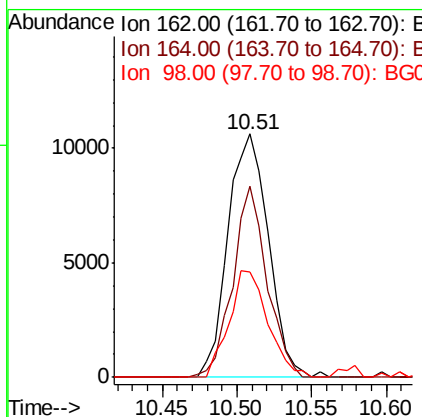
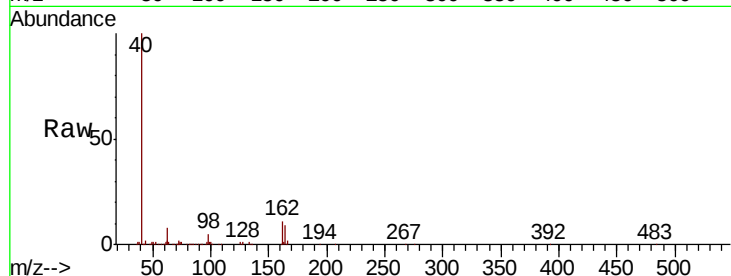




#29
 2,4-Dichlorophenol
 Concen: 4.125 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

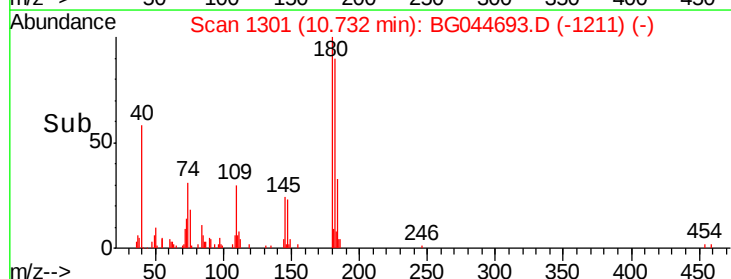
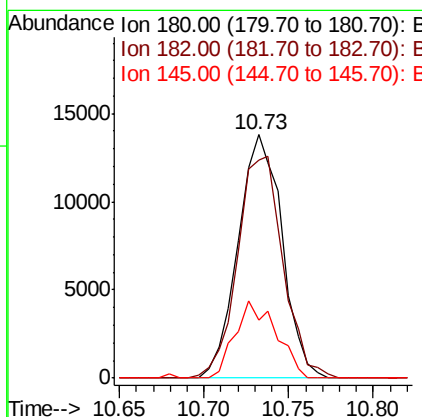
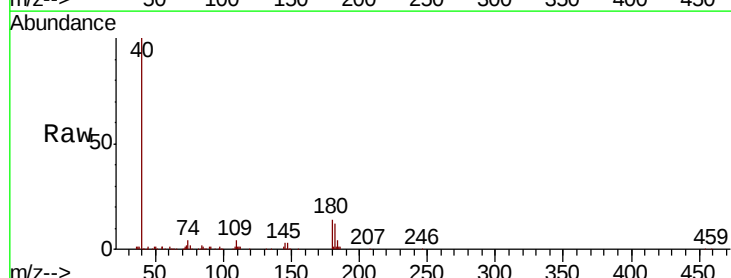
Instrument :
 BNA_G
 ClientSampled :

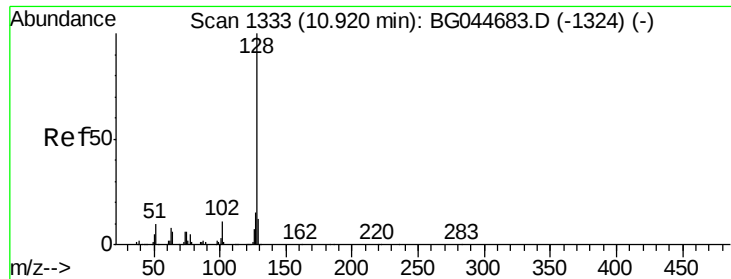
Tot Ion	162	Resp	20119
Ion Ratio	Lower	Upper	
162	100		
164	78.5	46.1	86.1
98	43.2	22.8	62.8



#30
 1,2,4-Trichlorobenzene
 Concen: 4.408 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

Tgt Ion	180	Resp	24973
Ion Ratio	Lower	Upper	
180	100		
182	89.6	75.1	112.7
145	24.0	23.8	35.8

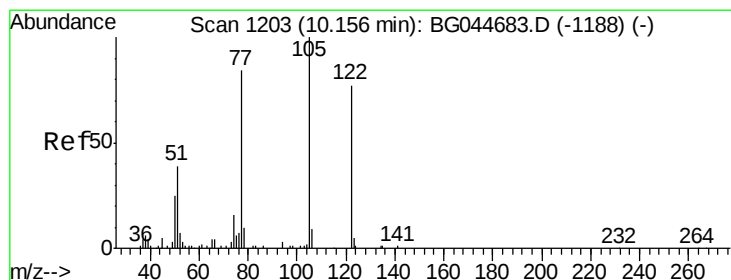
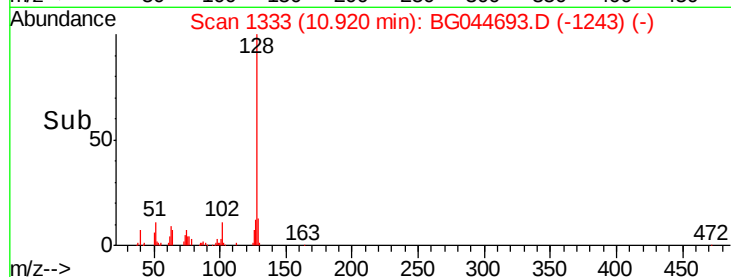
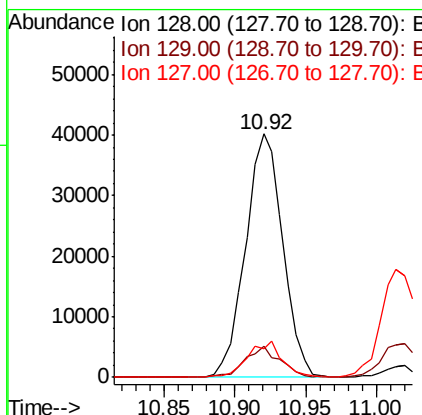
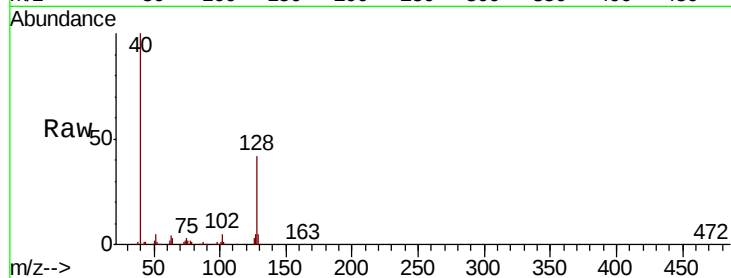




#31
Naphthalene
Concen: 4.701 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

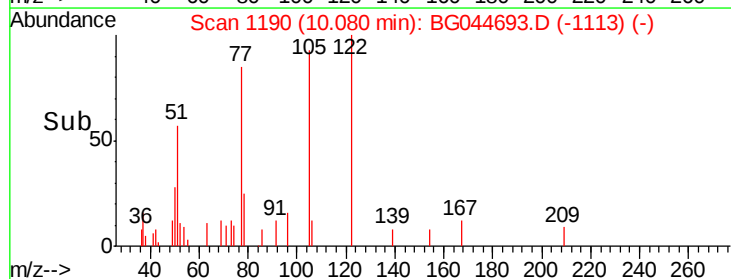
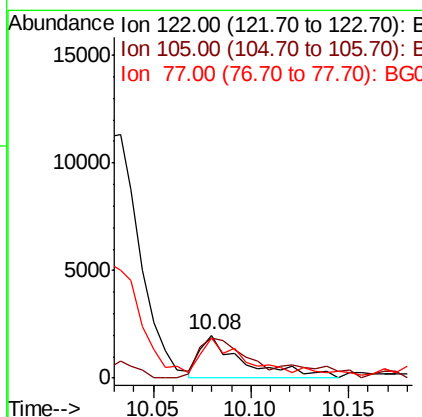
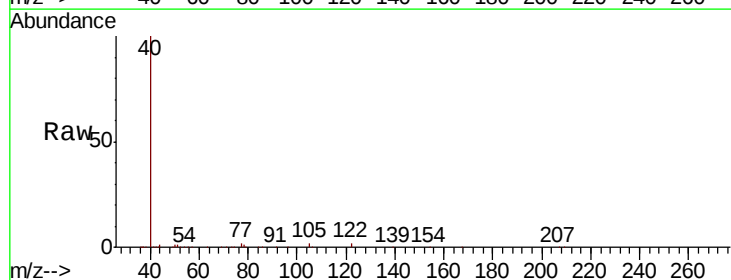
Instrument :
BNA_G
ClientSampled :

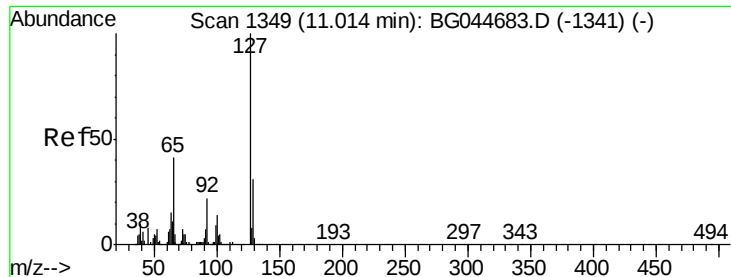
Tot Ion:128 Resp: 74423
Ion Ratio Lower Upper
128 100
129 12.5 9.7 14.5
127 11.9 11.6 17.4



#32
Benzoic acid
Concen: 1.033 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.08 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion:122 Resp: 3107
Ion Ratio Lower Upper
122 100
105 92.6 105.1 145.1#
77 94.0 87.7 127.7

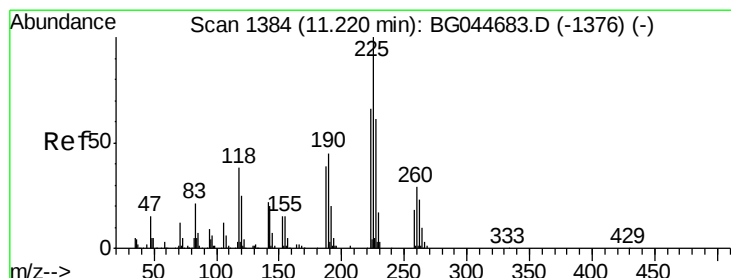
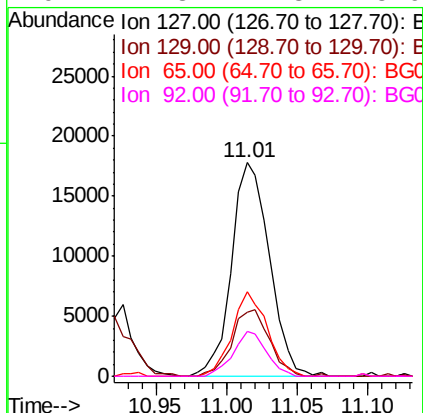
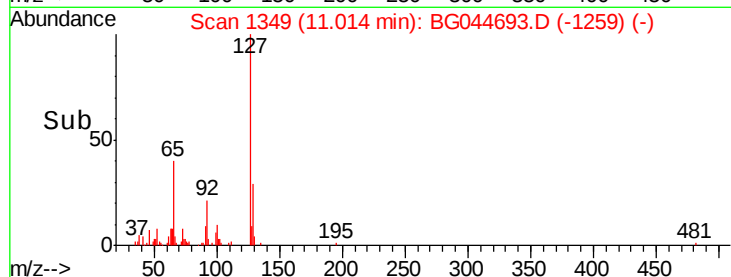
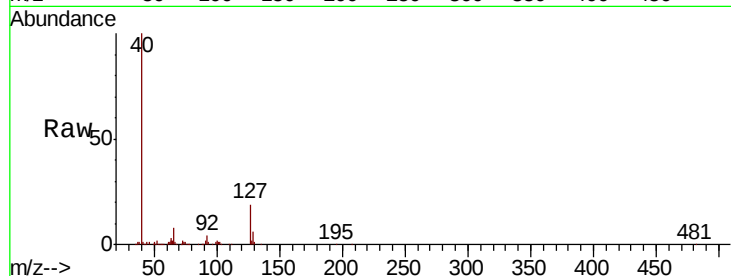




#33
4-Chloroaniline
Concen: 4.576 ng
RT: 11.01 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

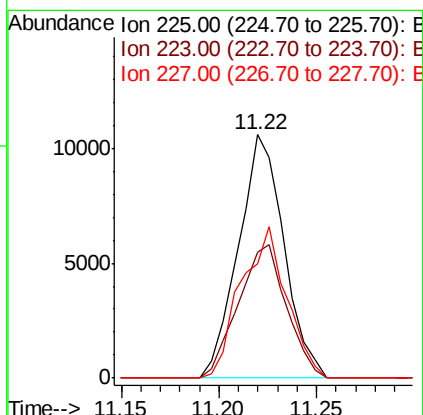
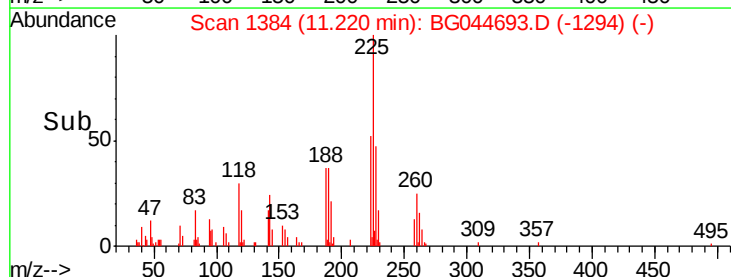
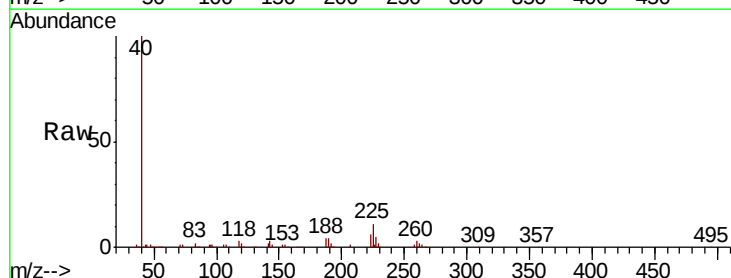
Instrument :
BNA_G
ClientSampleId :

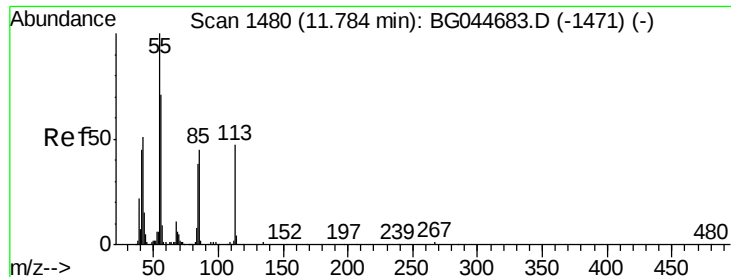
Tot Ion:127	Resp:	33365
Ion	Ratio	Lower Upper
127	100	
129	29.7	25.0 37.4
65	39.6	32.7 49.1
92	21.3	17.3 25.9



#34
Hexachlorobutadiene
Concen: 4.415 ng
RT: 11.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion:225	Resp:	17090
Ion	Ratio	Lower Upper
225	100	
223	51.6	52.4 78.6#
227	47.0	48.7 73.1#

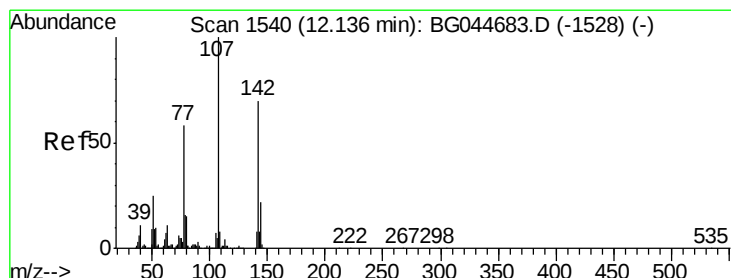
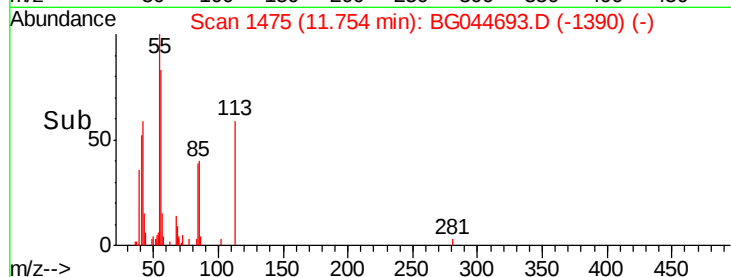
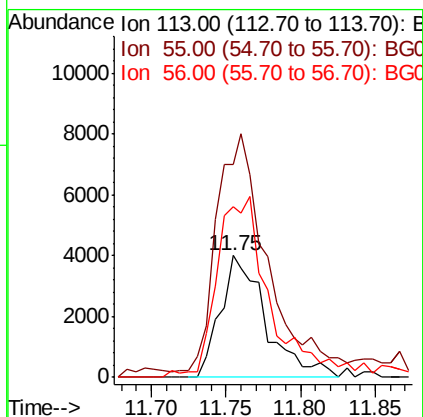
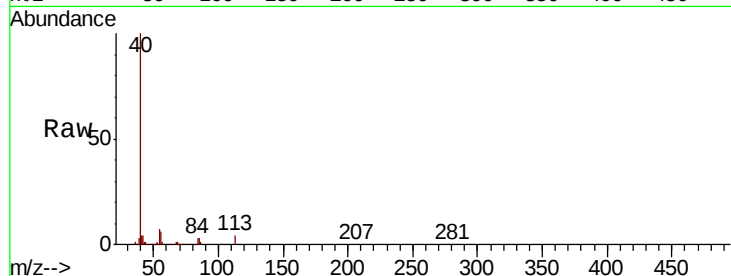




#35
 Caprolactam
 Concen: 4.196 ng
 RT: 11.75 min Scan# 1475
 Delta R.T. -0.03 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

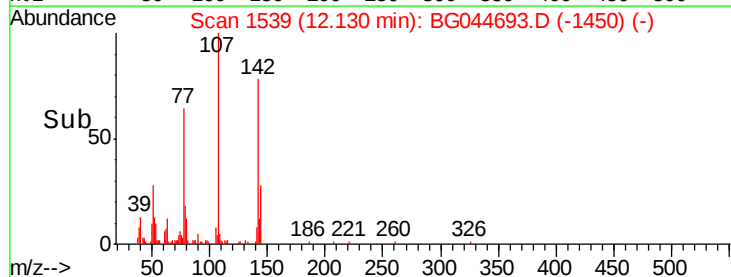
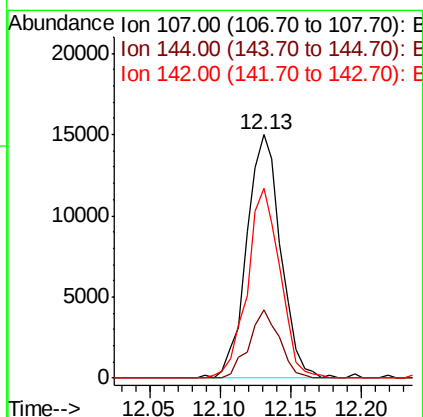
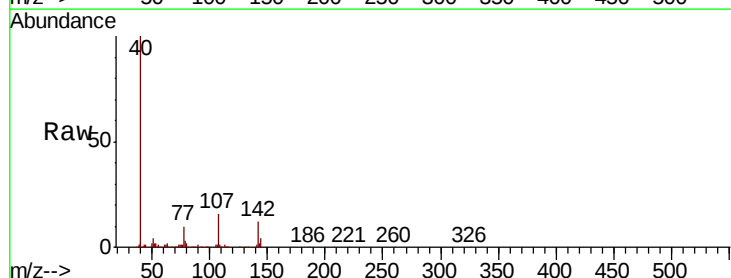
Instrument :
 BNA_G
 ClientSampled :

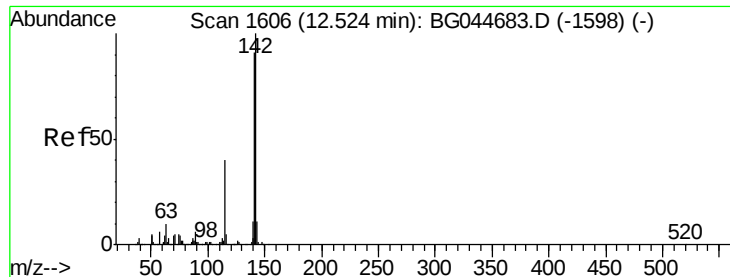
Tot Ion:113 Resp: 8543
 Ion Ratio Lower Upper
 113 100
 55 175.2 194.3 234.3#
 56 140.1 131.4 171.4



#36
 4-Chloro-3-methylphenol
 Concen: 4.108 ng
 RT: 12.13 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

Tgt Ion:107 Resp: 25377
 Ion Ratio Lower Upper
 107 100
 144 27.8 17.9 26.9#
 142 77.8 55.8 83.8

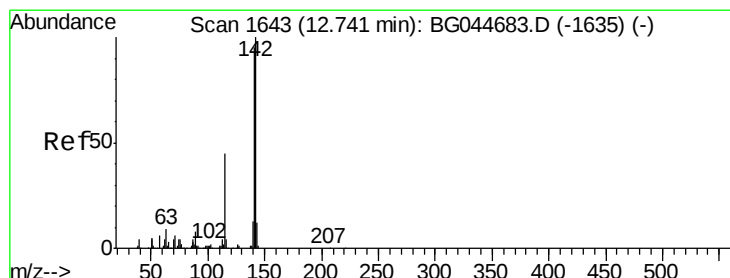
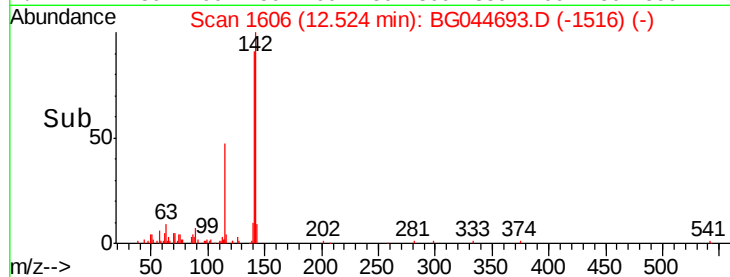
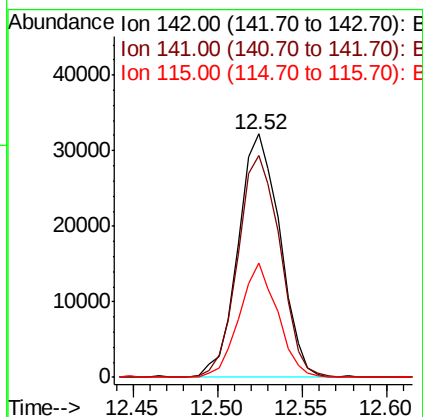
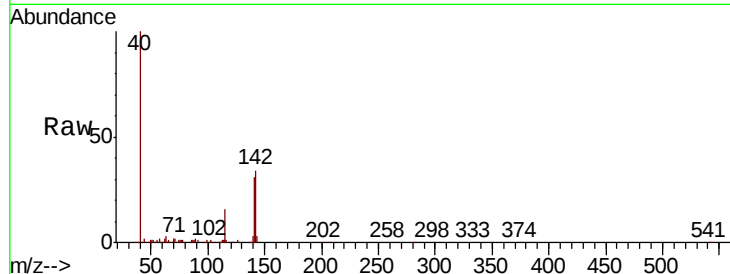




#37
 2-Methylnaphthalene
 Concen: 4.635 ng
 RT: 12.52 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

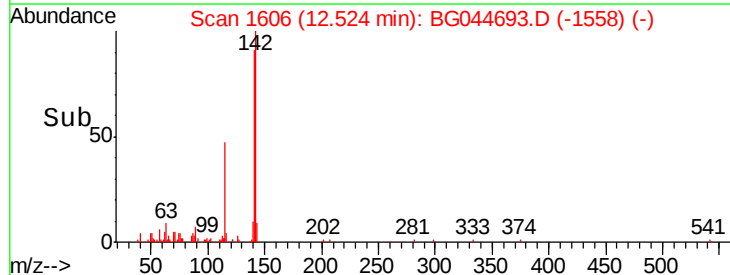
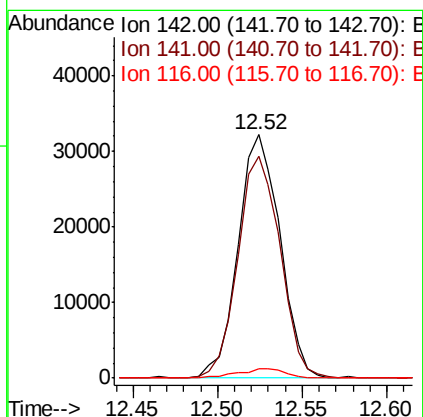
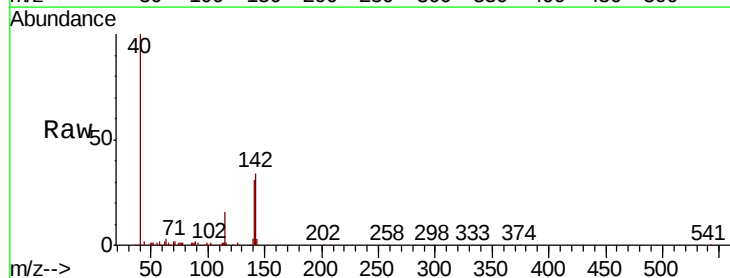
Instrument :
 BNA_G
 ClientSampleId :

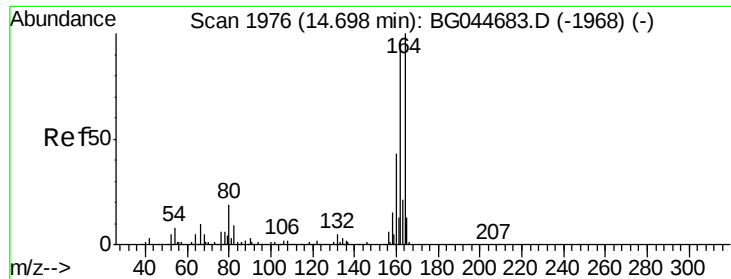
Tot Ion:142 Resp: 55371
 Ion Ratio Lower Upper
 142 100
 141 91.1 72.9 109.3
 115 46.8 32.3 48.5



#38
 1-Methylnaphthalene
 Concen: 4.903 ng
 RT: 12.52 min Scan# 1606
 Delta R.T. -0.22 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

Tgt Ion:142 Resp: 55371
 Ion Ratio Lower Upper
 142 100
 141 91.1 76.2 114.2
 116 3.7 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Instrument :

BNA_G

ClientSampleId :

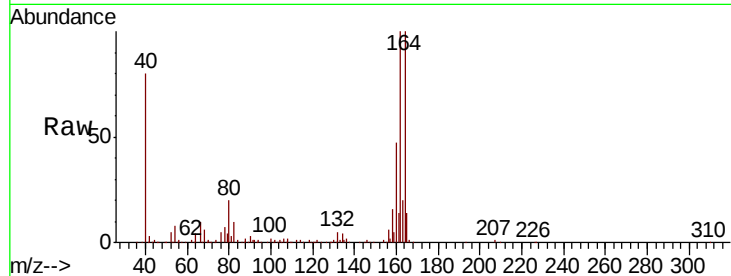
Tot Ion:164 Resp: 195684

Ion Ratio Lower Upper

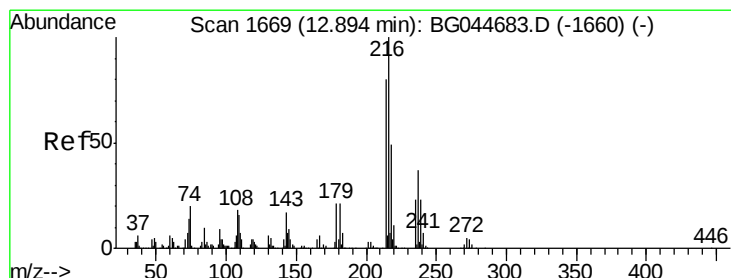
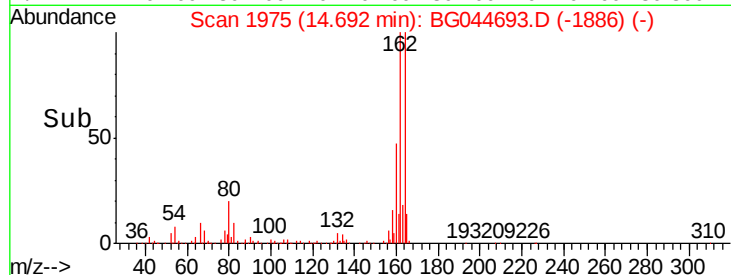
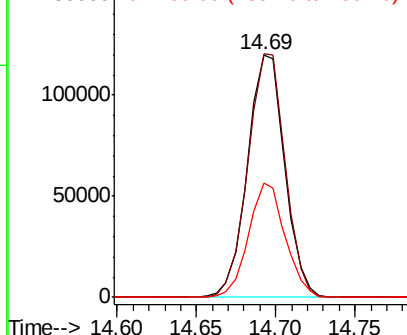
164 100

162 100.2 76.5 114.7

160 47.0 34.8 52.2



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: 5.006 ng

RT: 12.89 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Tgt Ion:216 Resp: 31799

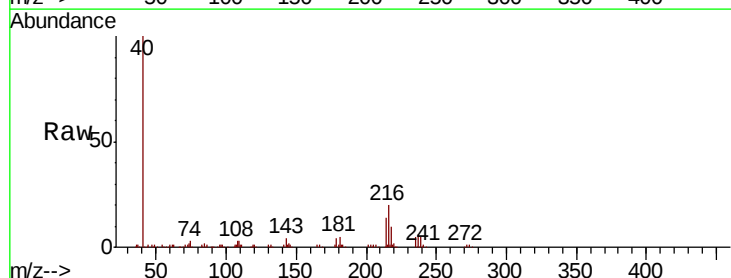
Ion Ratio Lower Upper

216 100

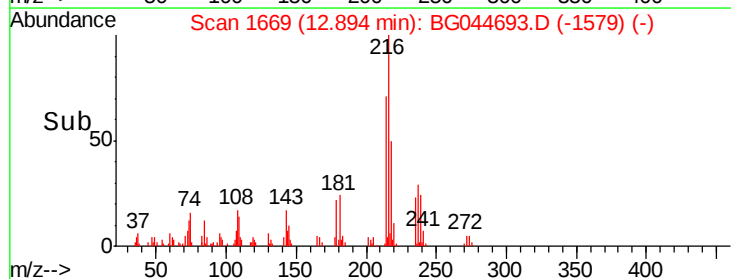
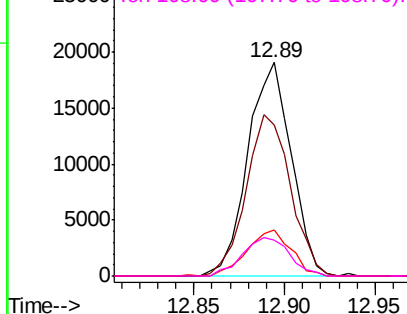
214 76.9 64.5 96.7

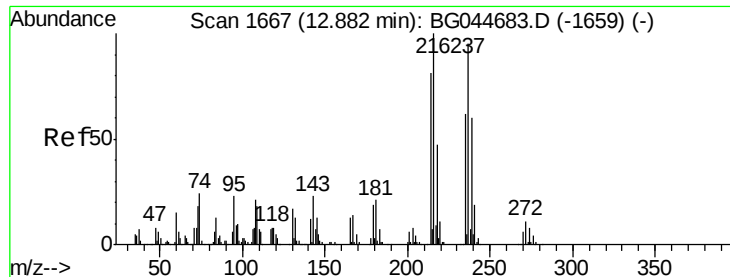
179 21.9 16.7 25.1

108 19.5 15.8 23.6



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

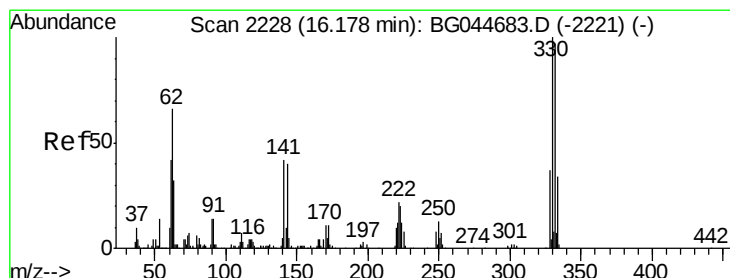
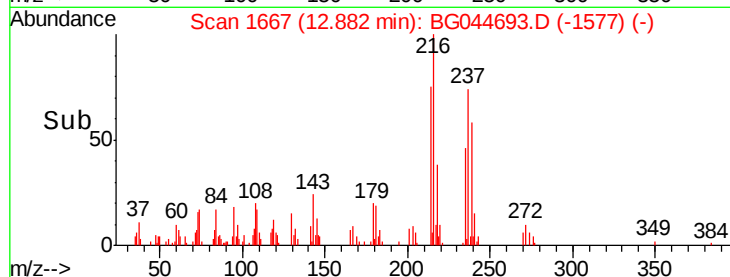
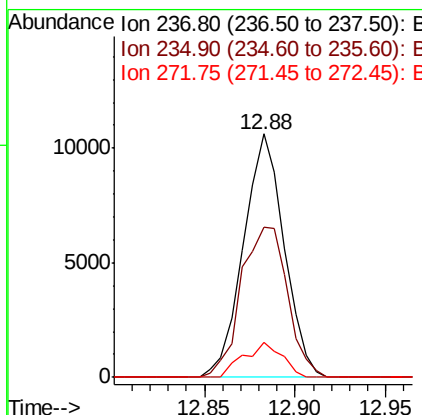
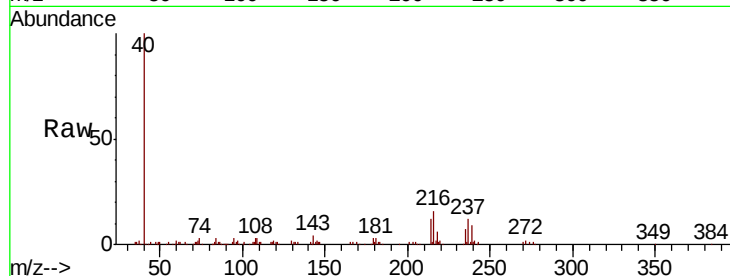




#41
Hexachlorocyclopentadiene
Concen: 4.456 ng
RT: 12.88 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

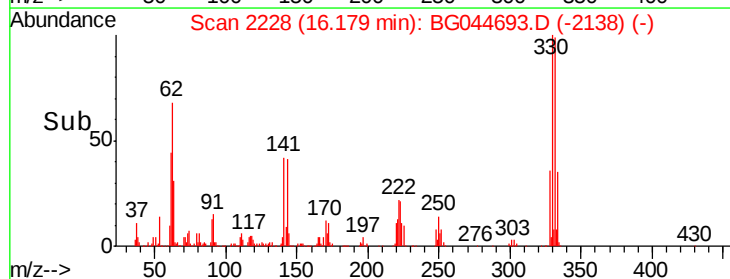
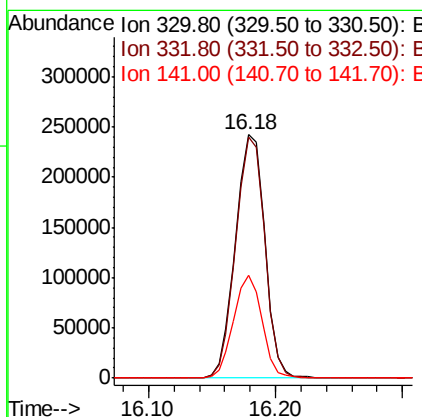
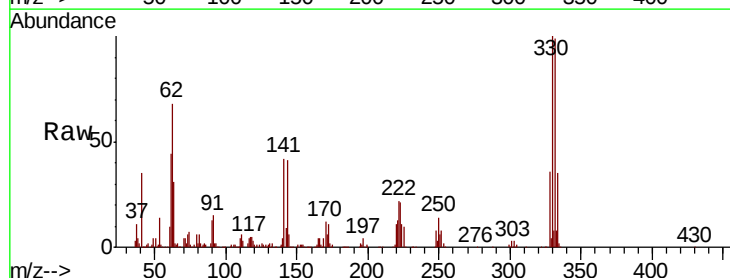
Instrument :
BNA_G
ClientSampled :

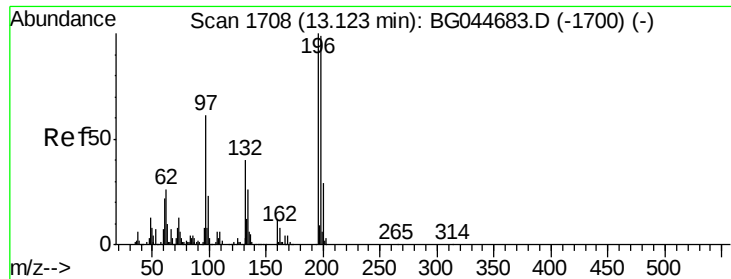
Tot Ion	Ratio	Lower	Upper
237	100		
235	61.6	44.7	84.7
272	14.1	0.0	31.7



#42
2,4,6-Tribromophenol
Concen: 145.126 ng
RT: 16.18 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	40.7	32.4	48.6

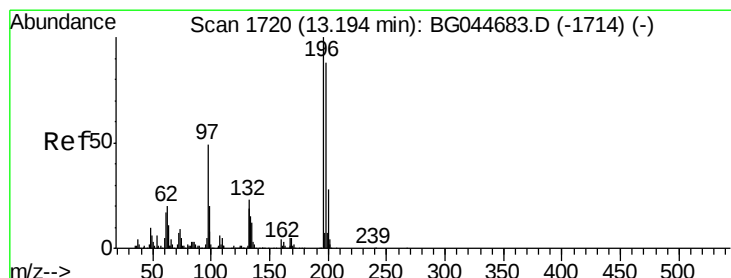
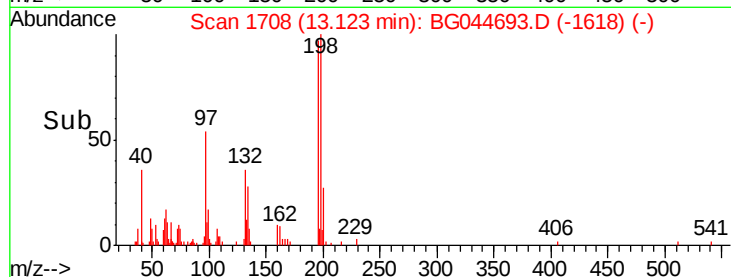
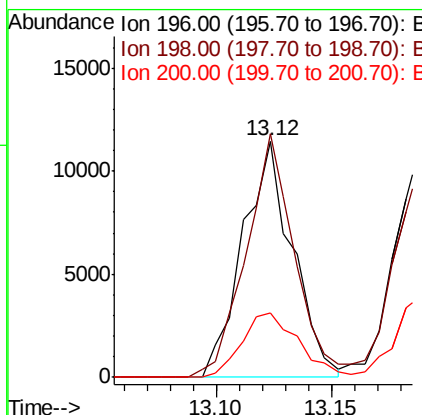
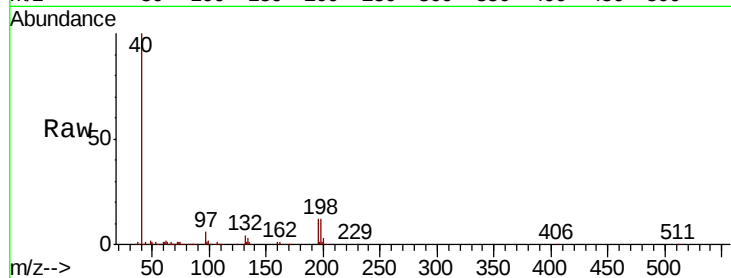




#43
 2,4,6-Trichlorophenol
 Concen: 3.906 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

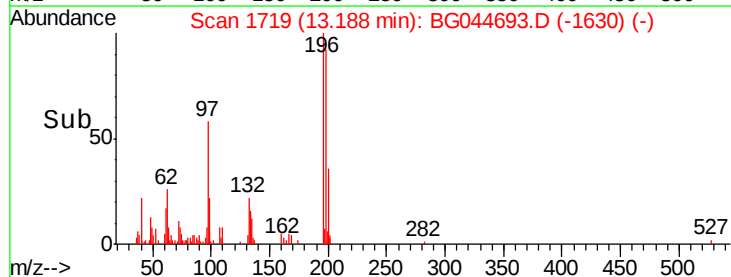
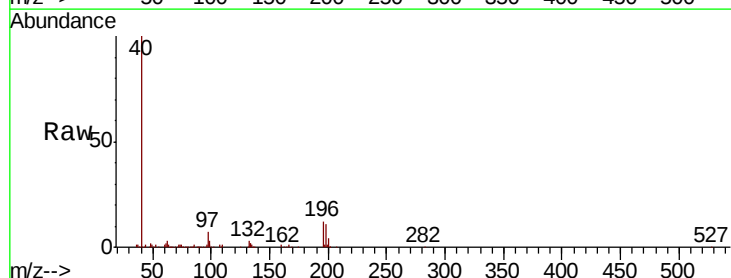
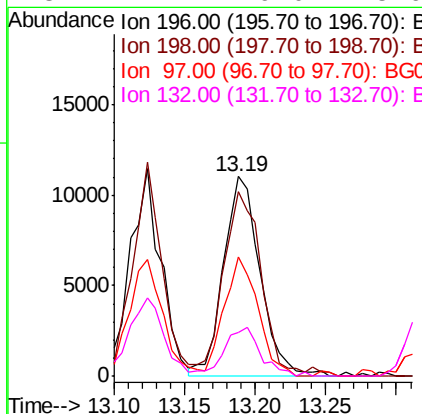
Instrument :
 BNA_G
 ClientSampleId :

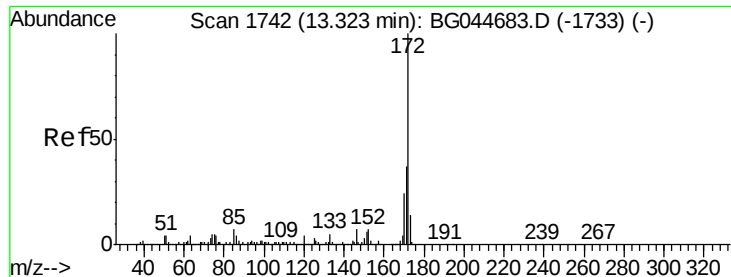
Tot Ion	196	Resp	17203
Ion Ratio	Lower	Upper	
196	100		
198	103.1	79.3	118.9
200	27.4	23.0	34.6



#44
 2,4,5-Trichlorophenol
 Concen: 4.403 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

Tgt Ion	196	Resp	19888
Ion Ratio	Lower	Upper	
196	100		
198	92.5	70.7	106.1
97	60.1	39.4	59.2#
132	21.7	19.0	28.6

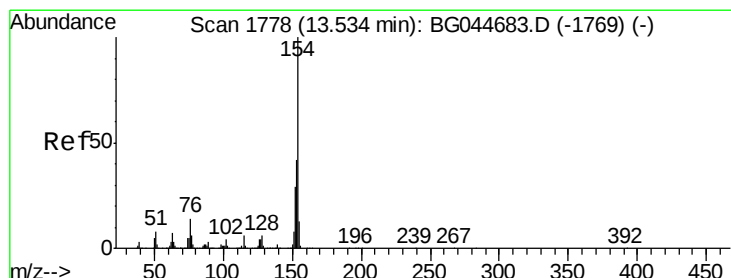
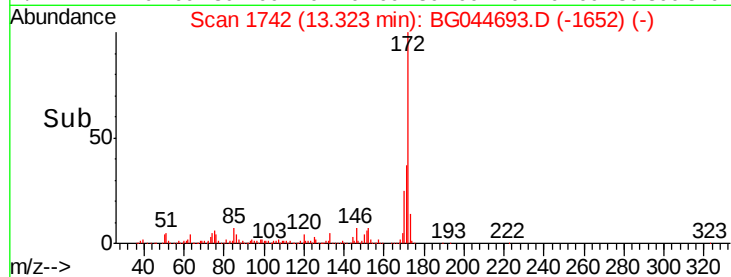
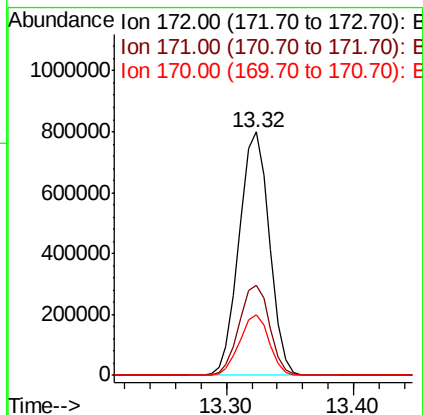
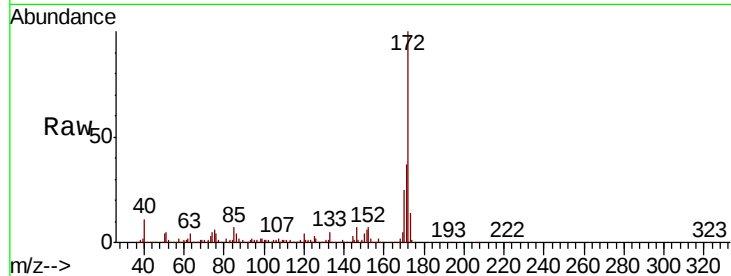




#45
2-Fluorobiphenyl
Concen: 94.257 ng
RT: 13.32 min Scan# 1742
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

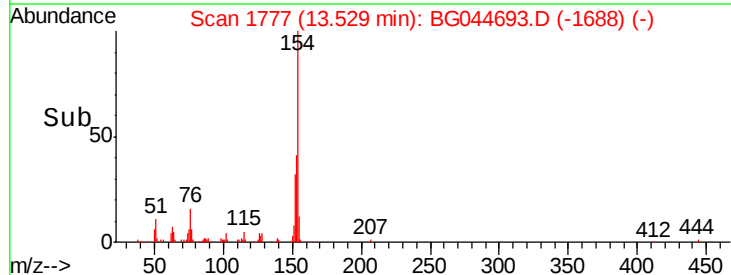
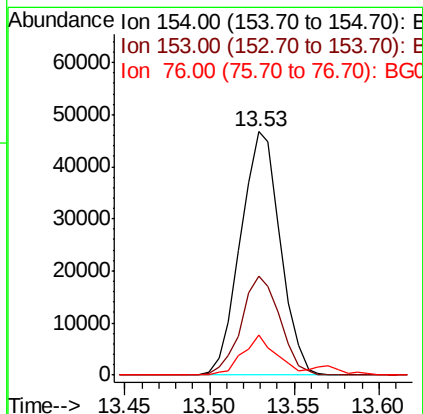
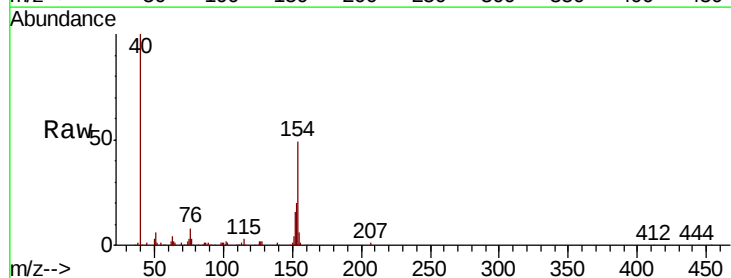
Instrument :
BNA_G
ClientSampleId :

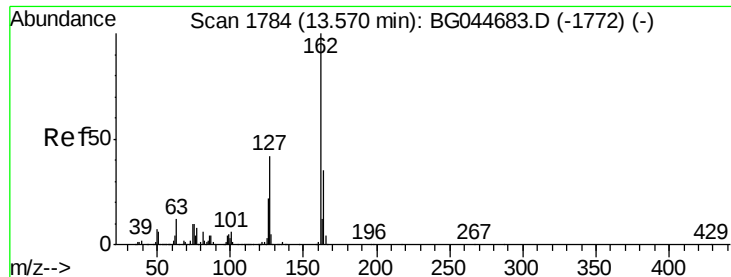
Tot Ion:172 Resp: 1324081
Ion Ratio Lower Upper
172 100
171 37.1 29.8 44.8
170 25.0 19.3 28.9



#46
1,1'-Biphenyl
Concen: 4.887 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion:154 Resp: 76066
Ion Ratio Lower Upper
154 100
153 40.6 22.1 62.1
76 16.4 0.0 34.5

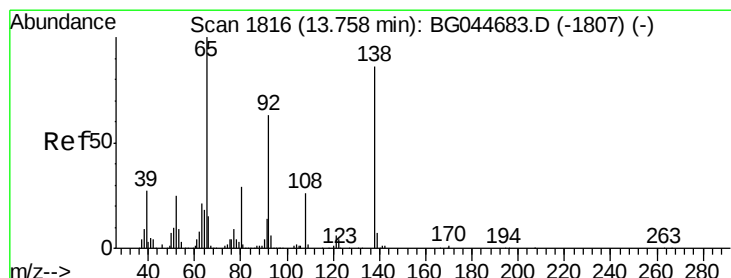
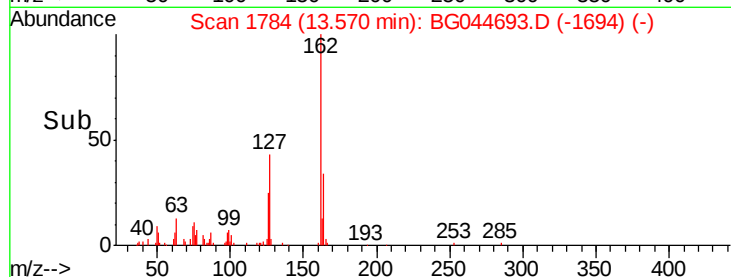
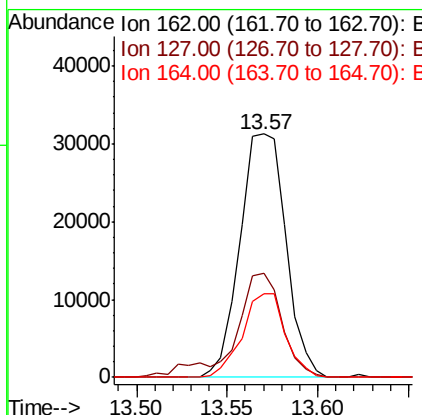
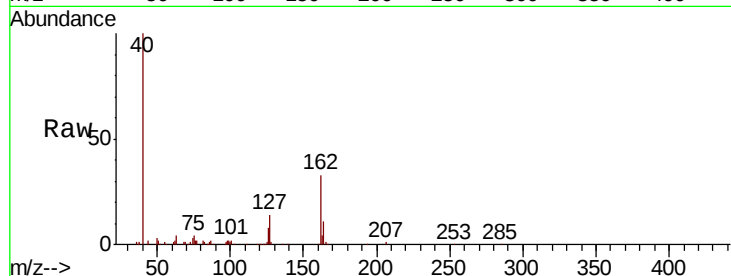




#47
 2-Chloronaphthalene
 Concen: 4.677 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

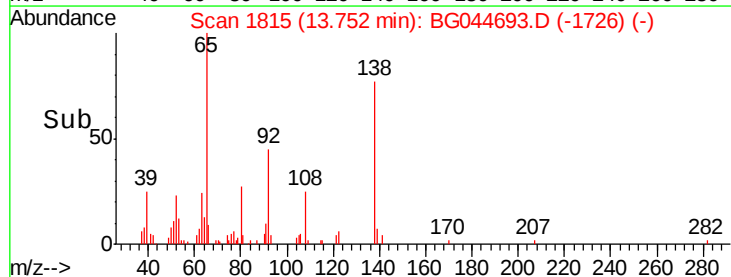
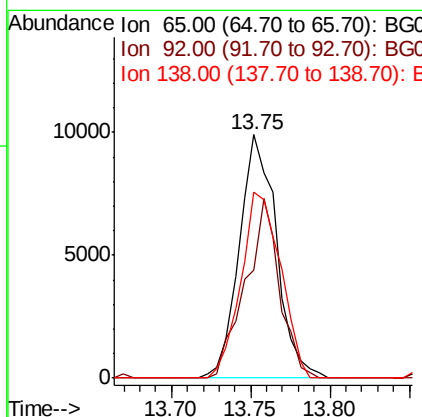
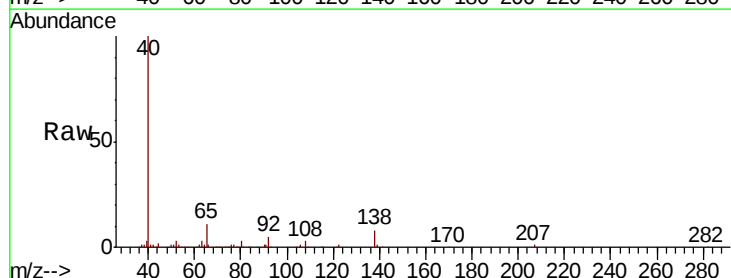
Instrument :
 BNA_G
 ClientSampleId :

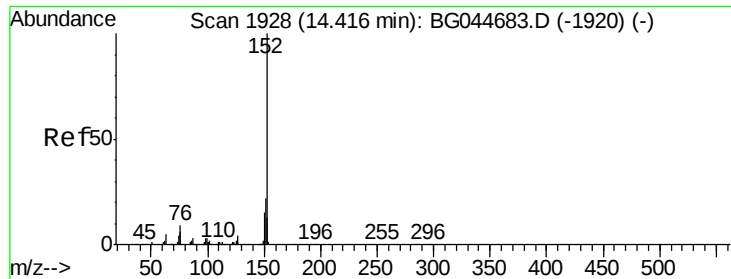
Tot Ion:162 Resp: 55522
 Ion Ratio Lower Upper
 162 100
 127 42.7 33.9 50.9
 164 34.2 28.3 42.5



#48
 2-Nitroaniline
 Concen: 4.006 ng
 RT: 13.75 min Scan# 1815
 Delta R.T. -0.00 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

Tgt Ion: 65 Resp: 16042
 Ion Ratio Lower Upper
 65 100
 92 44.6 50.6 75.8#
 138 76.5 68.8 103.2





#49

Acenaphthylene

Concen: 5.091 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

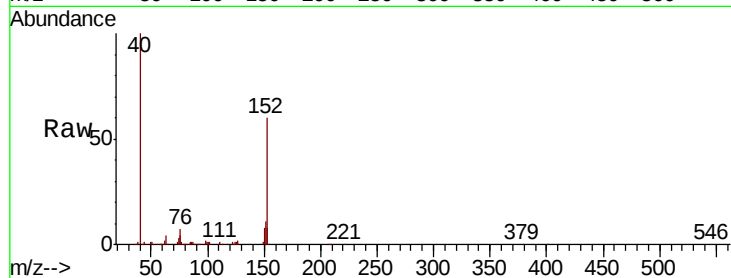
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 96827

Ion	Ratio	Lower	Upper
152	100		
151	18.8	17.6	26.4
153	13.0	10.7	16.1

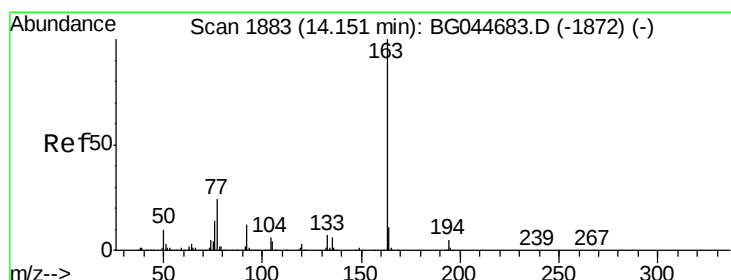
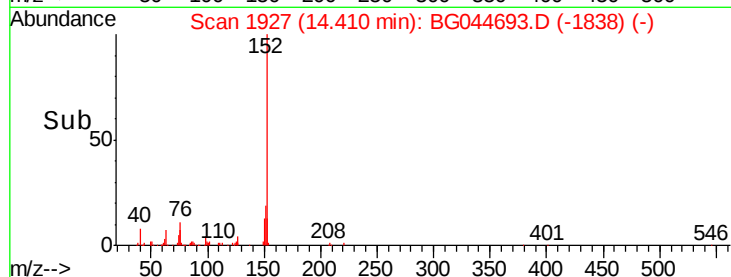
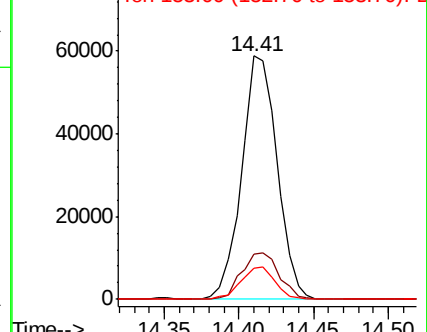


Abundance

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: 4.705 ng

RT: 14.15 min Scan# 1882

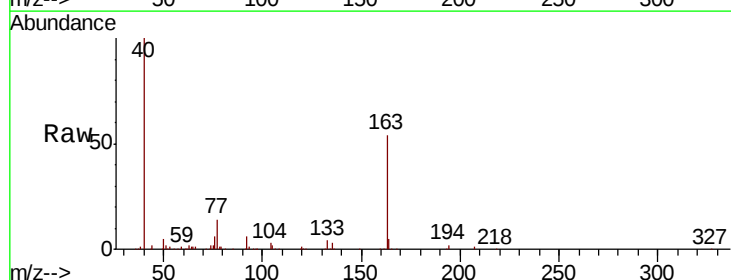
Delta R.T. -0.01 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Tgt Ion:163 Resp: 76542

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.7	5.5
164	9.5	8.6	12.8

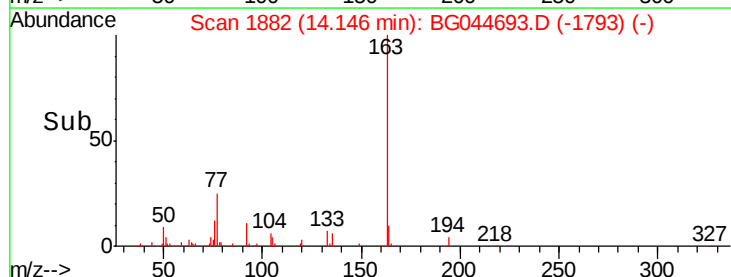
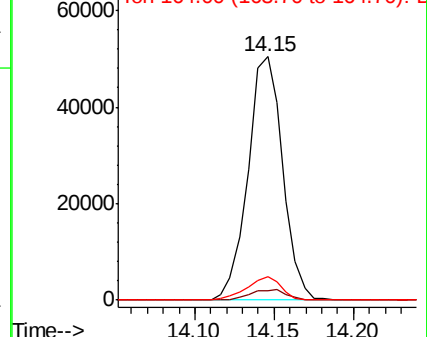


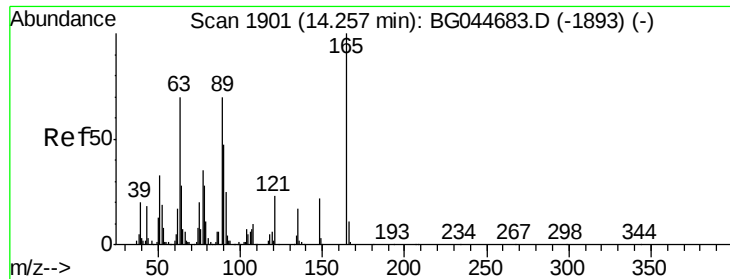
Abundance

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

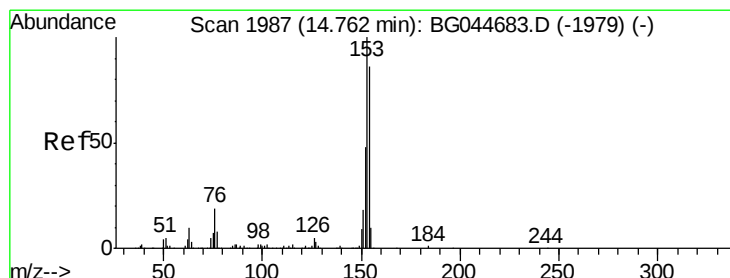
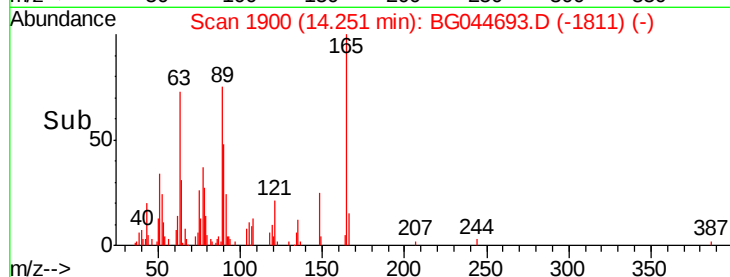
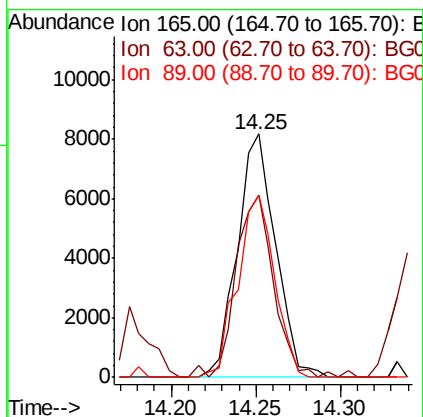
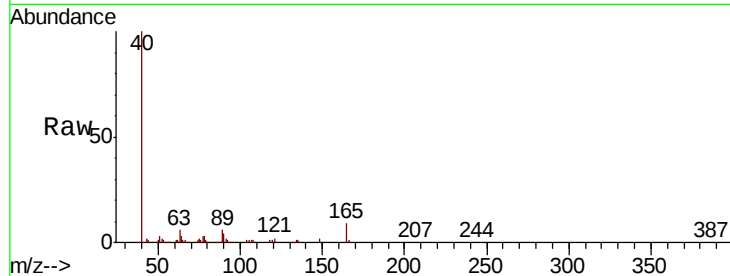




#51
 2,6-Dinitrotoluene
 Concen: 4.406 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

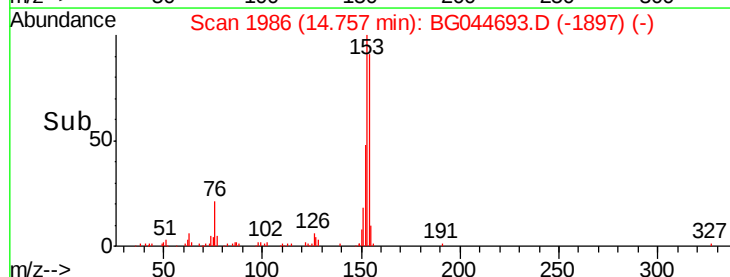
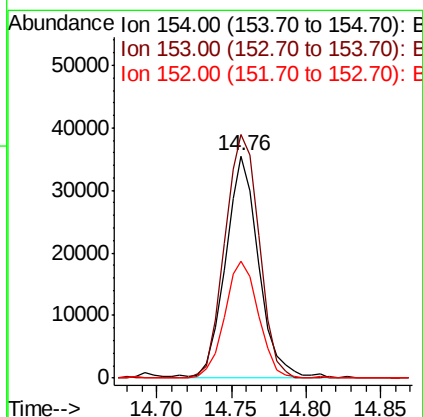
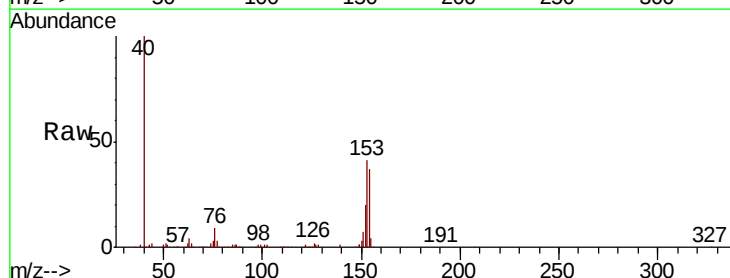
Instrument :
 BNA_G
 ClientSampleId :

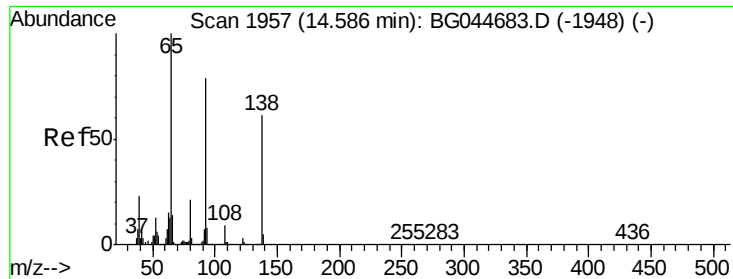
Tot Ion:165 Resp: 12880
 Ion Ratio Lower Upper
 165 100
 63 74.9 57.4 86.0
 89 74.9 56.2 84.2



#52
 Acenaphthene
 Concen: 4.493 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

Tgt Ion:154 Resp: 55253
 Ion Ratio Lower Upper
 154 100
 153 109.5 92.6 138.8
 152 52.7 44.2 66.4

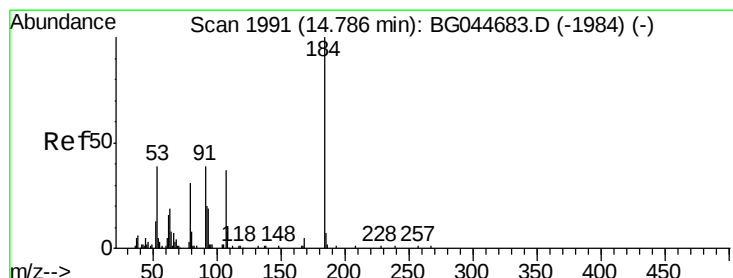
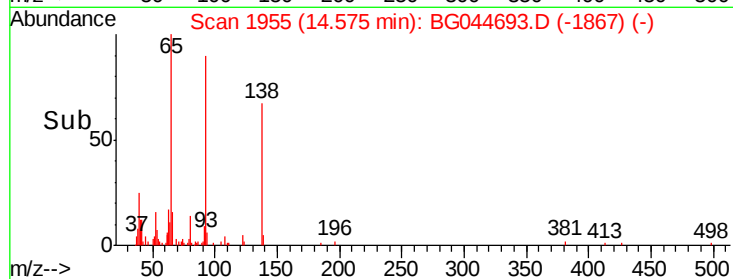
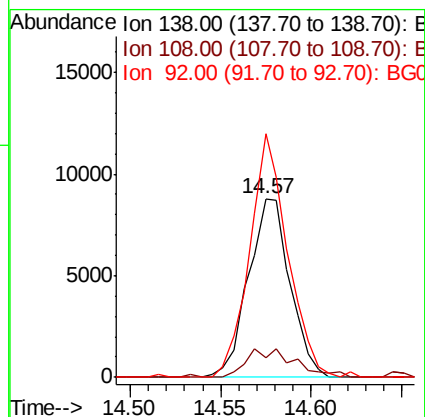
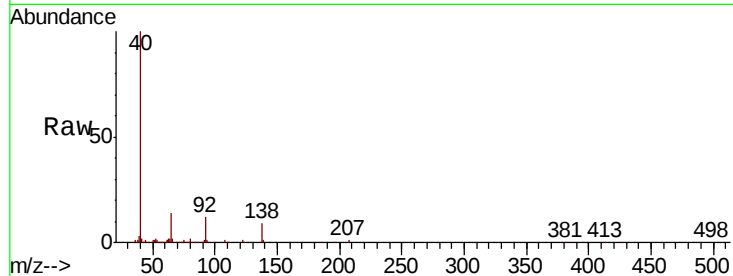




#53
3-Nitroaniline
Concen: 4.166 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

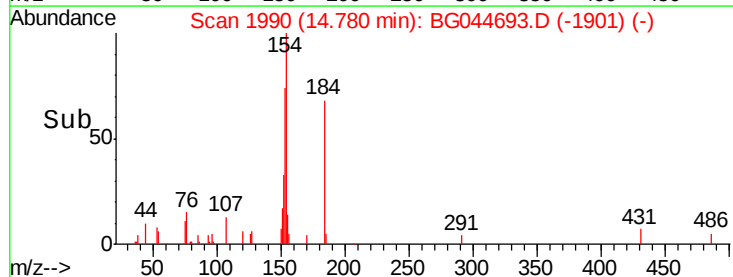
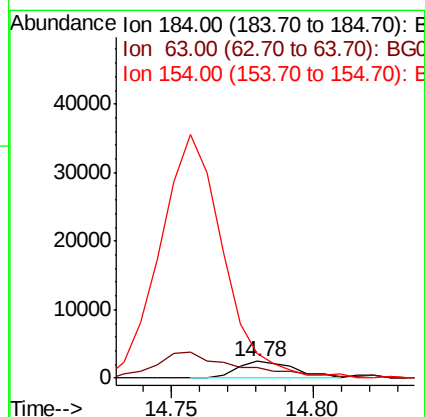
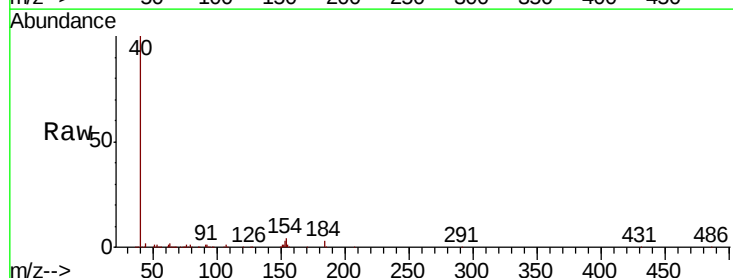
Instrument :
BNA_G
ClientSampleId :

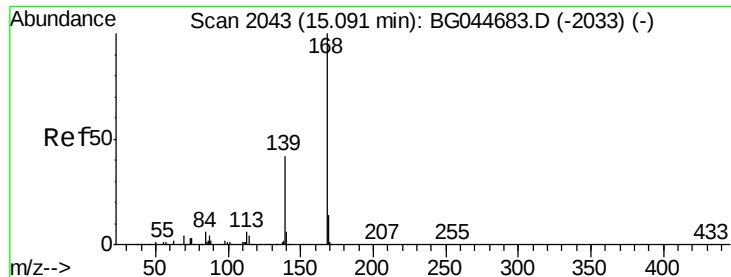
Tot Ion:138 Resp: 14035
Ion Ratio Lower Upper
138 100
108 10.7 12.2 18.4#
92 136.1 105.1 157.7



#54
2,4-Dinitrophenol
Concen: 2.490 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion:184 Resp: 3380
Ion Ratio Lower Upper
184 100
63 66.9 42.4 63.6#
154 146.4 75.0 112.4#

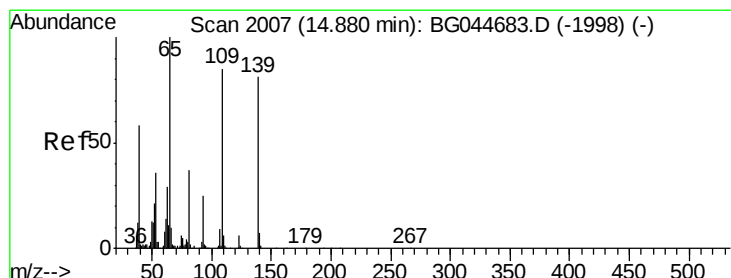
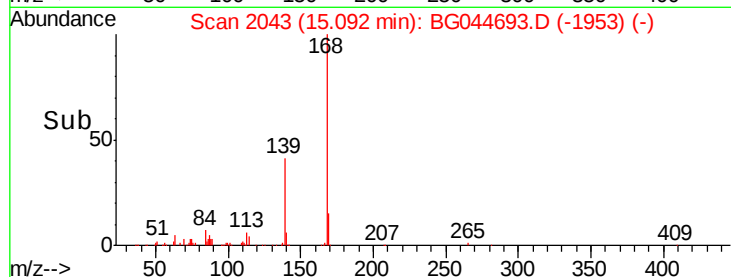
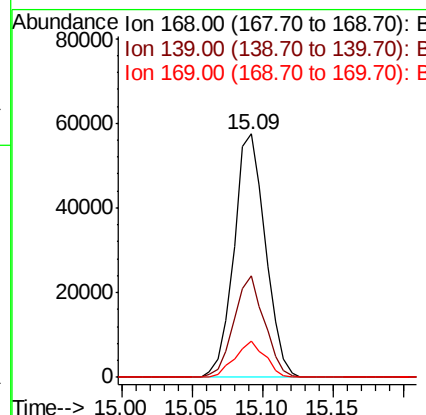
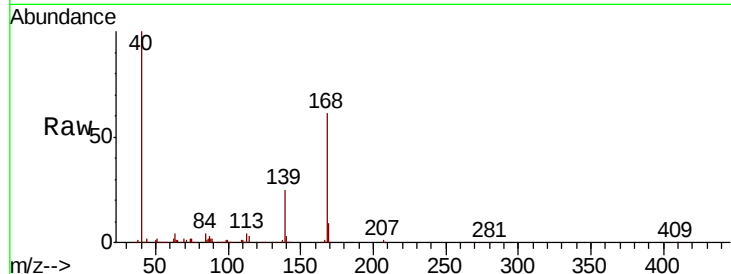




#55
Dibenzenofuran
Concen: 4.825 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

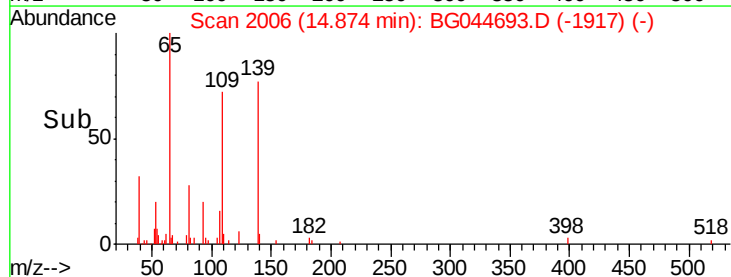
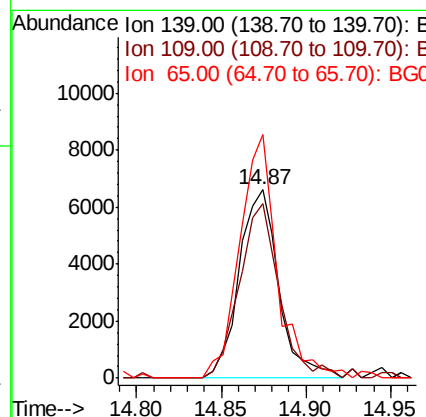
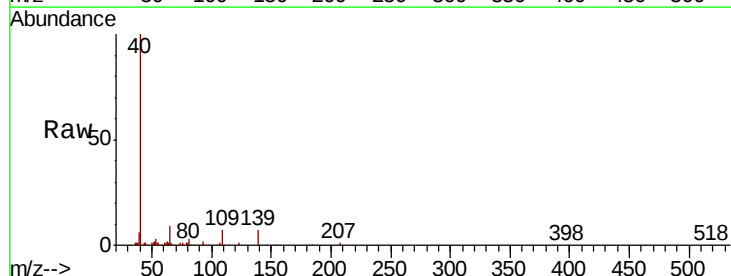
Instrument :
BNA_G
ClientSampleId :

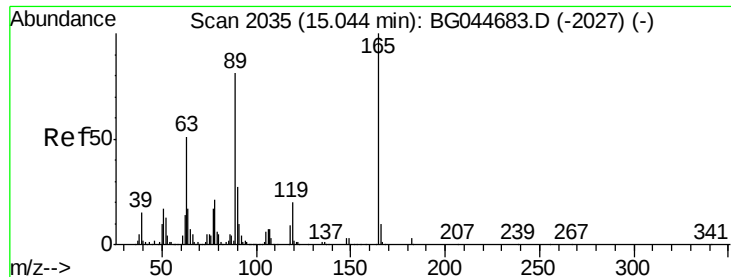
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.8	33.8	50.6
169	14.8	11.0	16.4



#56
4-Nitrophenol
Concen: 4.117 ng
RT: 14.87 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.7	86.0	126.0
65	129.3	104.5	144.5

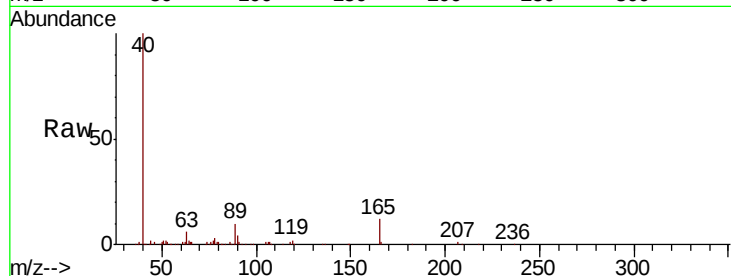




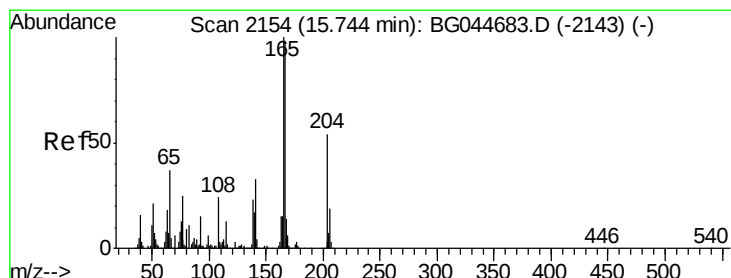
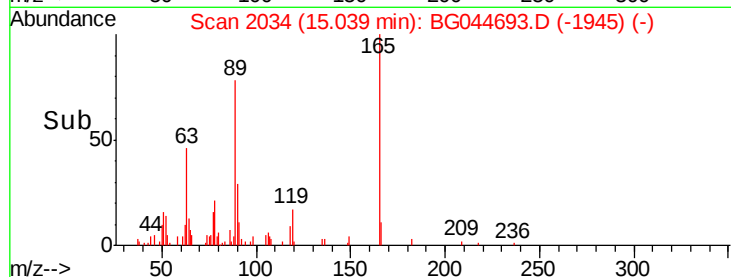
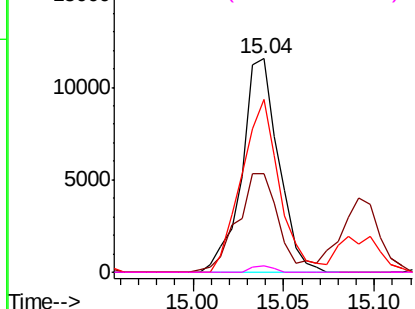
#57
2,4-Dinitrotoluene
Concen: 4.147 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.3	40.6	61.0
89	80.8	65.0	97.6
182	3.2	2.4	3.6

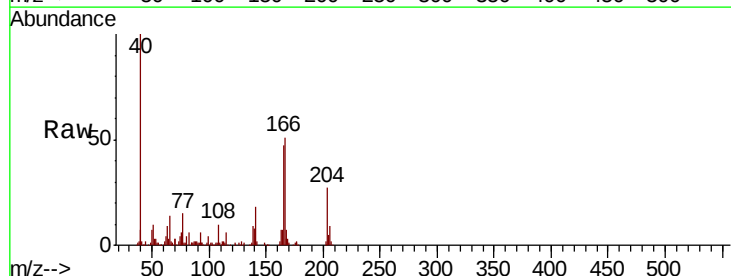


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

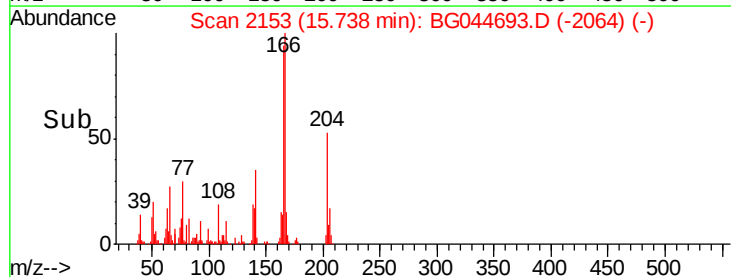
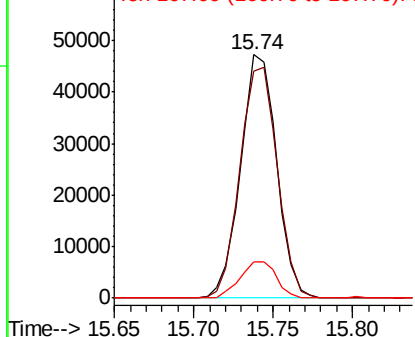


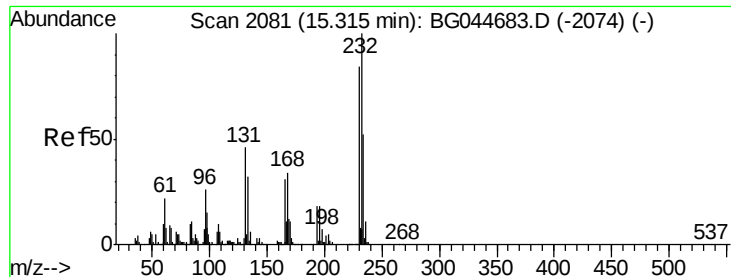
#58
Fluorene
Concen: 4.886 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.2	81.3	121.9
167	14.7	11.0	16.6



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

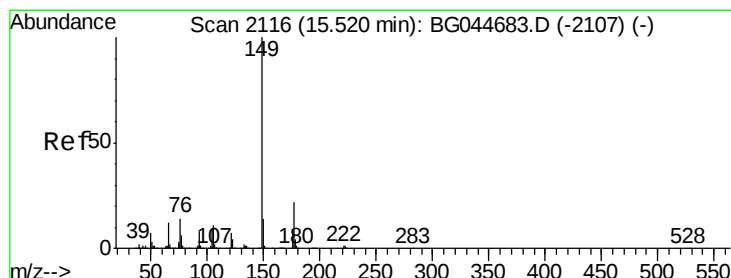
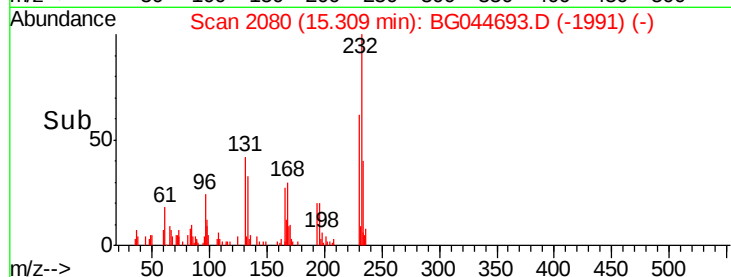
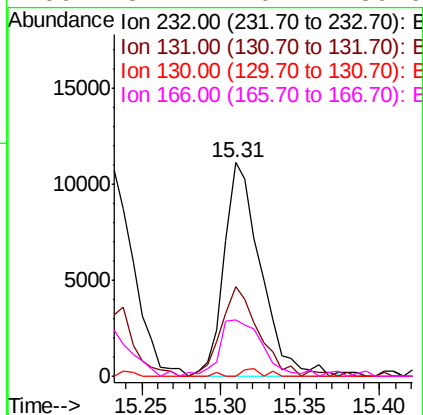
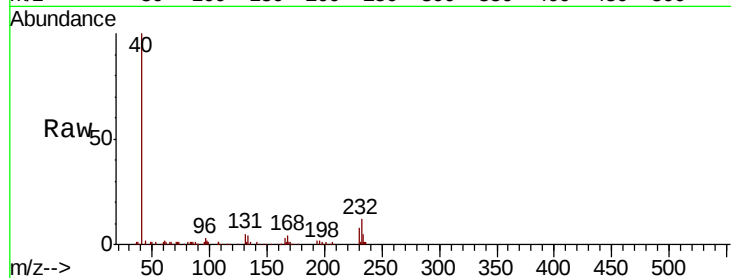




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 4.146 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

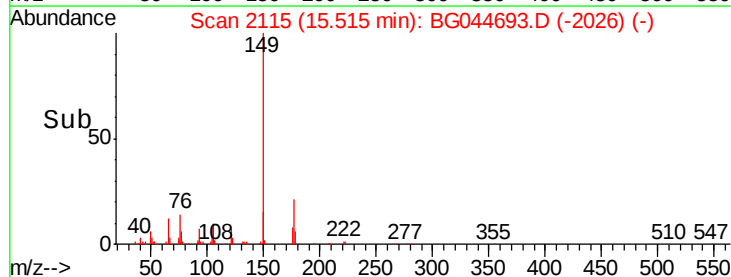
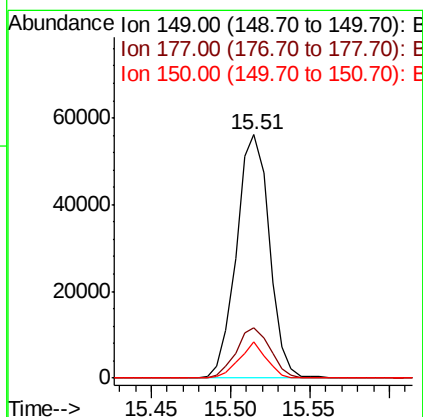
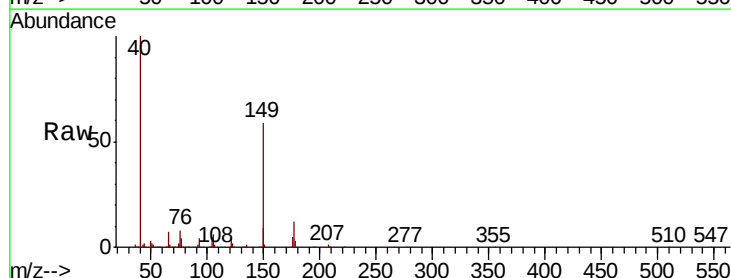
Instrument :
 BNA_G
 ClientSampleId :

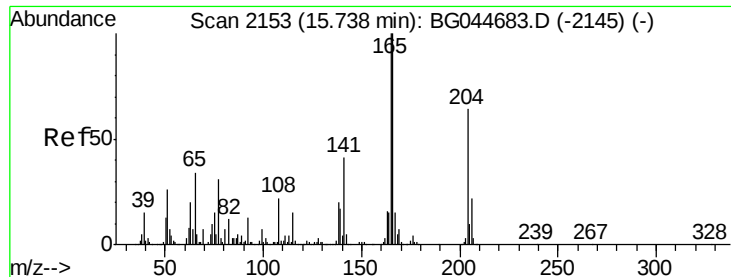
Tot Ion	Ion	Ratio	Lower	Upper
232	100			
131	43.2	33.0	49.6	
130	1.9	2.2	3.2	
166	31.4	20.4	30.6	



#60
 Diethylphthalate
 Concen: 4.638 ng
 RT: 15.51 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
177	20.6	17.5	26.3	
150	14.7	10.8	16.2	

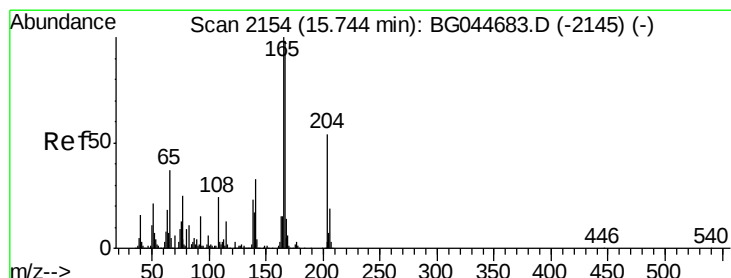
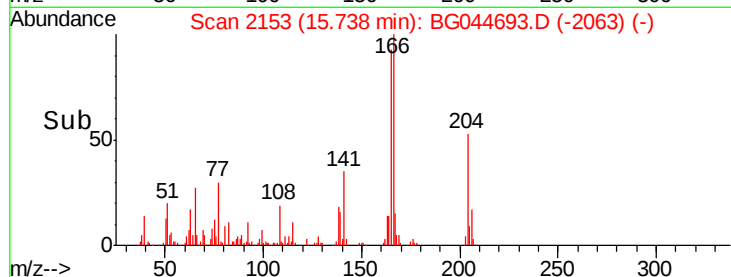
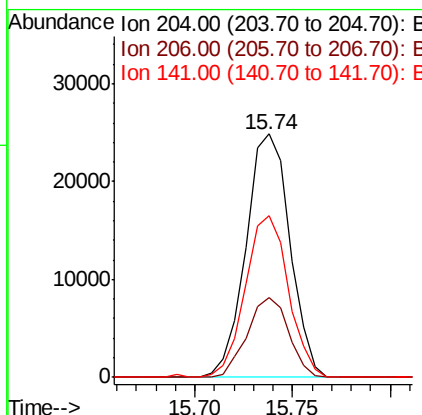
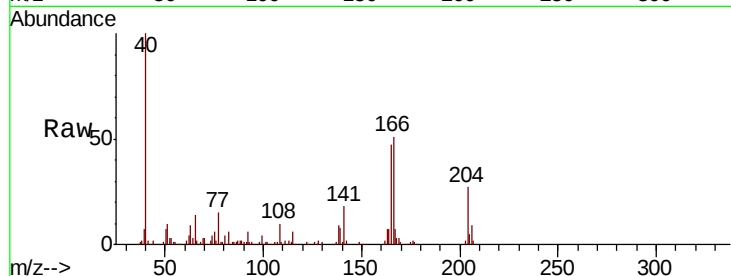




#61
 4-Chlorophenyl-phenylether
 Concen: 4.688 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

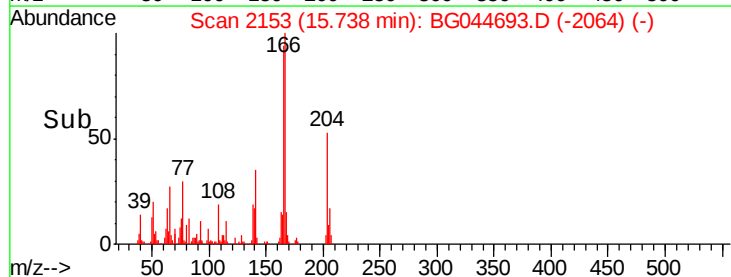
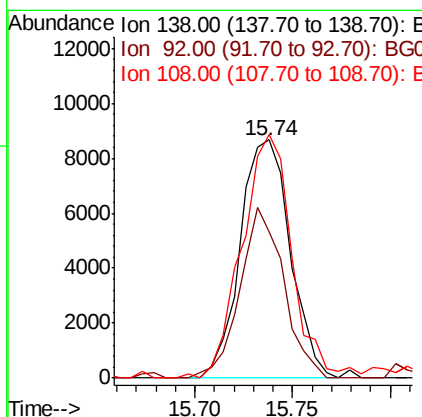
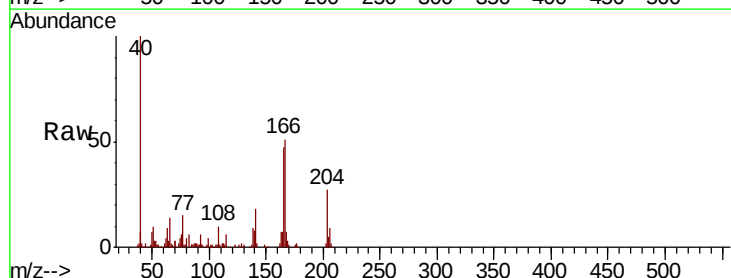
Instrument :
 BNA_G
 ClientSampleId :

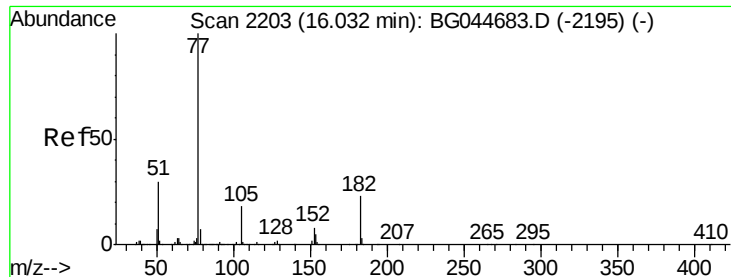
Tot Ion:204 Resp: 38772
 Ion Ratio Lower Upper
 204 100
 206 32.5 27.7 41.5
 141 66.4 51.0 76.4



#62
 4-Nitroaniline
 Concen: 4.145 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

Tgt Ion:138 Resp: 15379
 Ion Ratio Lower Upper
 138 100
 92 61.4 43.1 83.1
 108 102.1 85.2 125.2





#63

Azobenzene

Concen: 5.113 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 93073

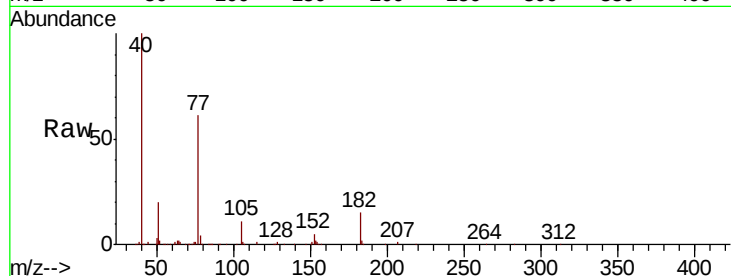
Ion Ratio Lower Upper

77 100

182 25.1 2.7 42.7

105 17.8 0.0 38.1

51 31.9 10.3 50.3

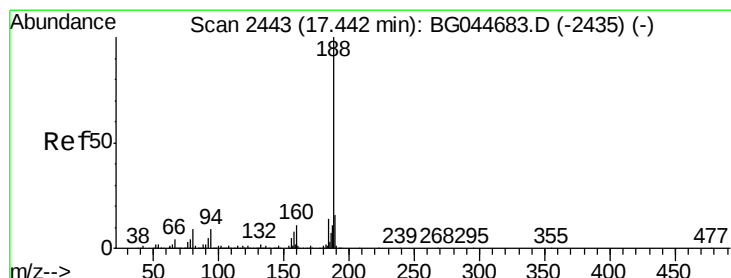
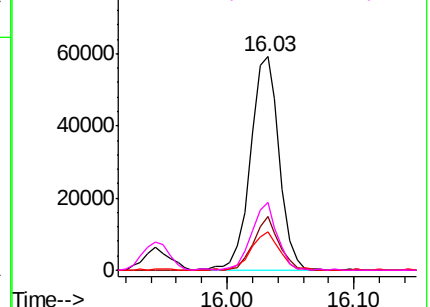
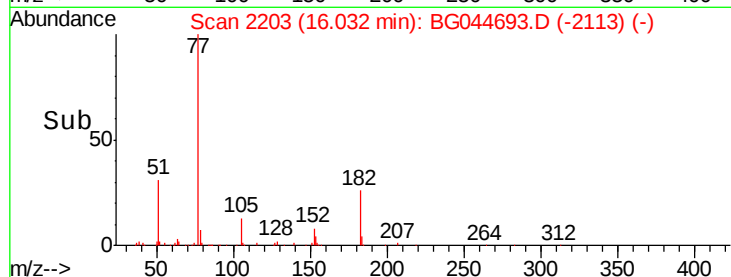


Abundance Ion 77.00 (76.70 to 77.70): BG044693.D (-2113) (-)

Ion 182.00 (181.70 to 182.70): BG044693.D (-2113) (-)

Ion 105.00 (104.70 to 105.70): BG044693.D (-2113) (-)

Ion 51.00 (50.70 to 51.70): BG044693.D (-2113) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

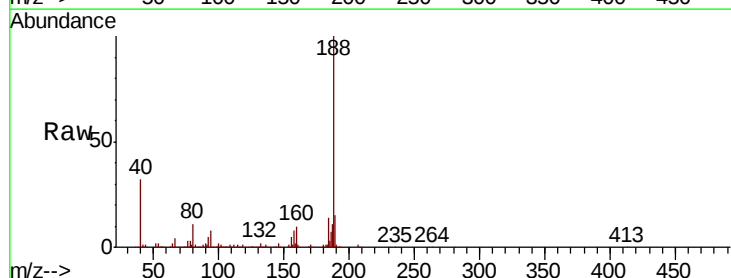
Tgt Ion: 188 Resp: 455870

Ion Ratio Lower Upper

188 100

94 8.1 7.4 11.0

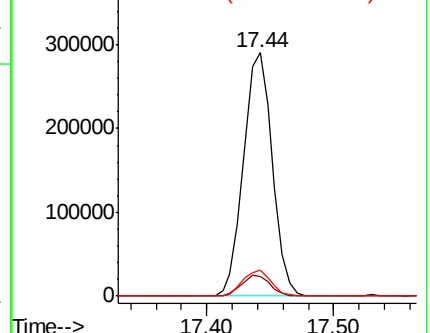
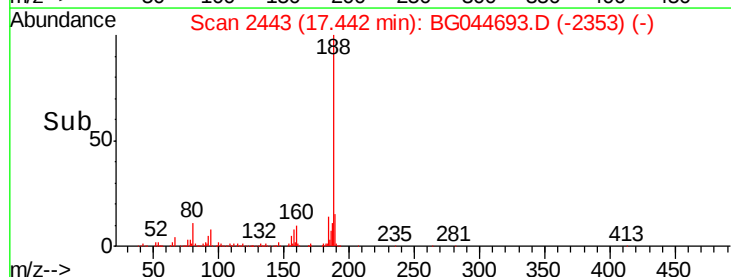
80 10.7 7.3 10.9

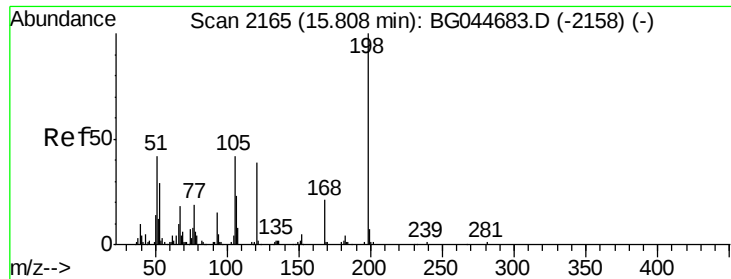


Abundance Ion 188.00 (187.70 to 188.70): BG044693.D (-2353) (-)

Ion 94.00 (93.70 to 94.70): BG044693.D (-2353) (-)

Ion 80.00 (79.70 to 80.70): BG044693.D (-2353) (-)

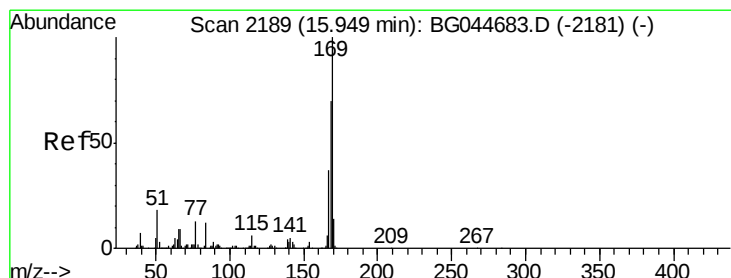
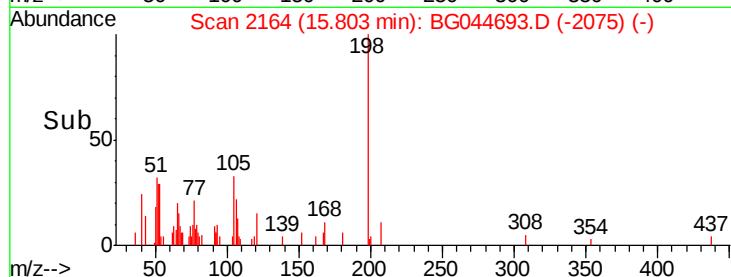
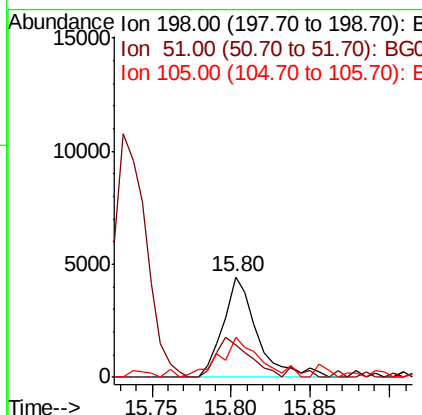
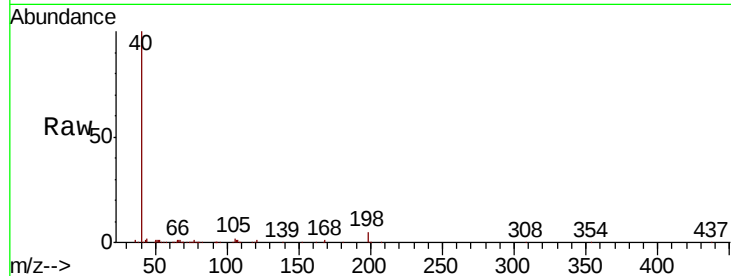




#65
 4,6-Dinitro-2-methylphenol
 Concen: 3.536 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

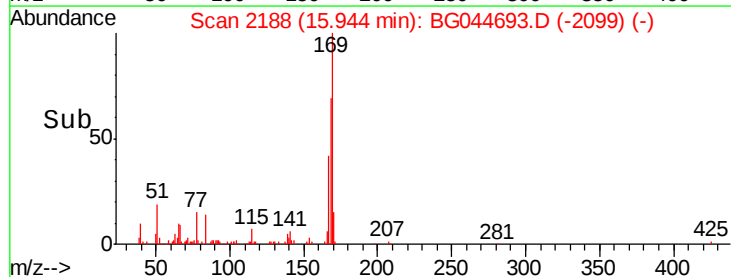
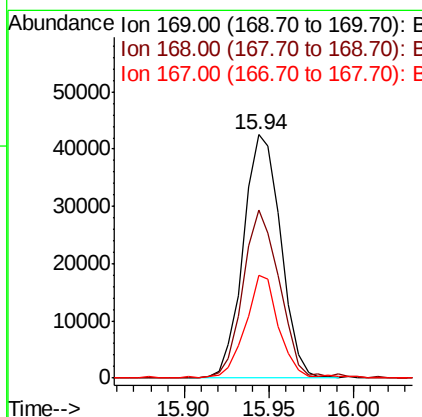
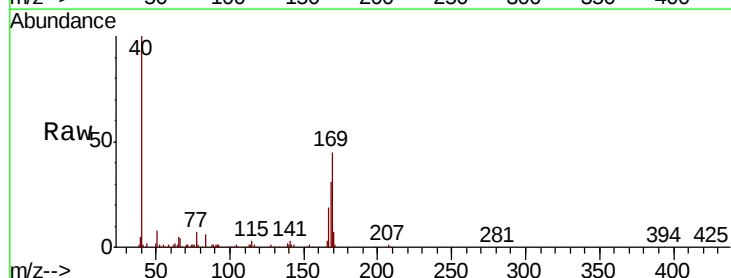
Instrument :
 BNA_G
 ClientSampleId :

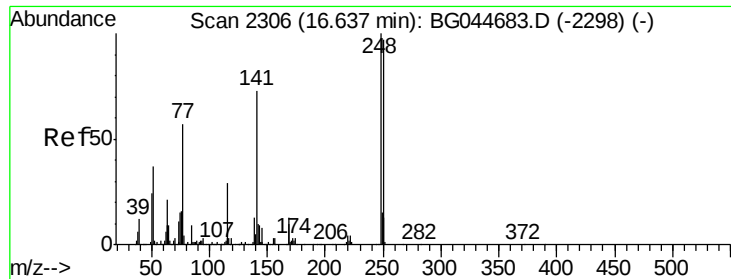
Tot Ion:198 Resp: 6586
 Ion Ratio Lower Upper
 198 100
 51 31.8 27.1 67.1
 105 39.8 23.6 63.6



#66
 n-Nitrosodiphenylamine
 Concen: 4.695 ng
 RT: 15.94 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

Tgt Ion:169 Resp: 65443
 Ion Ratio Lower Upper
 169 100
 168 69.2 56.2 84.2
 167 42.4 29.4 44.2

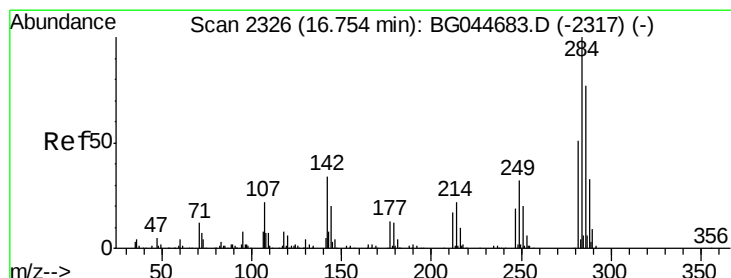
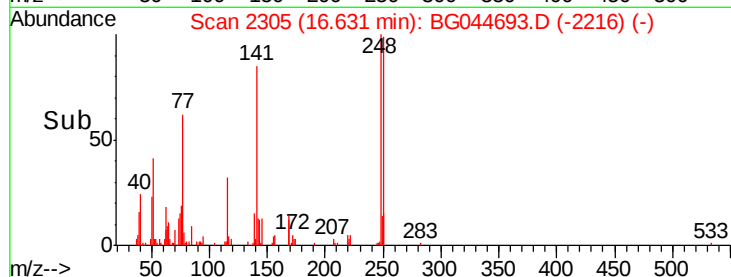
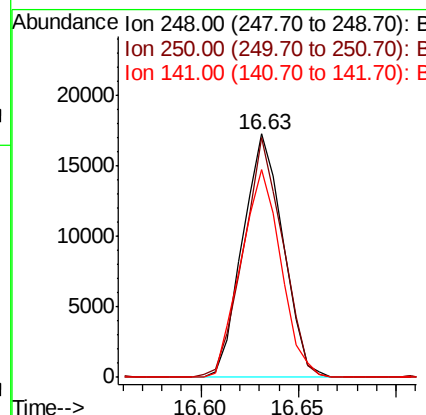
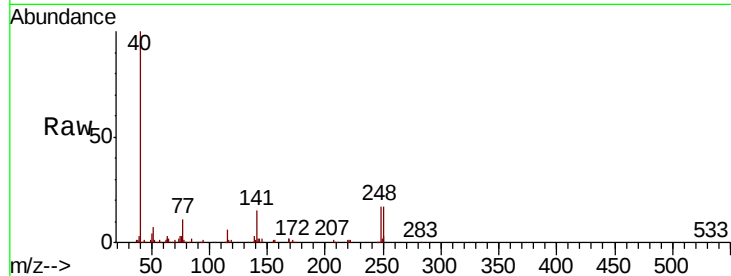




#67
4-Bromophenyl-phenylether
Concen: 4.306 ng
RT: 16.63 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

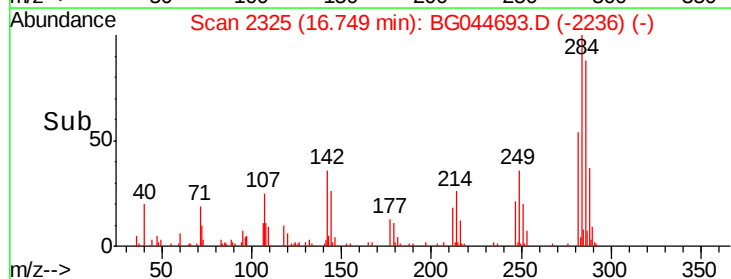
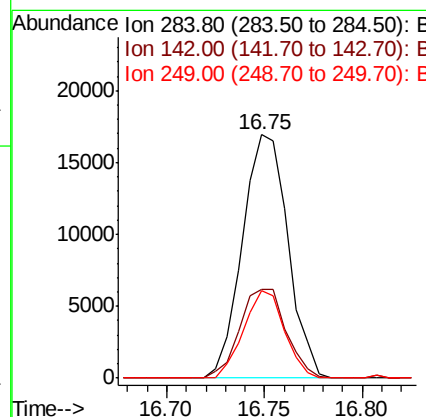
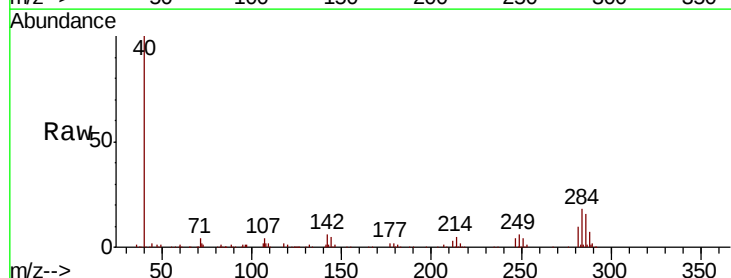
Instrument :
BNA_G
ClientSampleId :

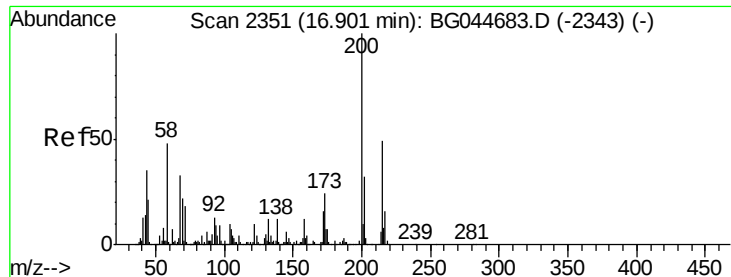
Tot Ion:248 Resp: 24757
Ion Ratio Lower Upper
248 100
250 98.6 77.4 116.2
141 85.2 58.1 87.1



#68
Hexachlorobenzene
Concen: 4.404 ng
RT: 16.75 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion:284 Resp: 27338
Ion Ratio Lower Upper
284 100
142 36.4 27.2 40.8
249 36.1 25.7 38.5

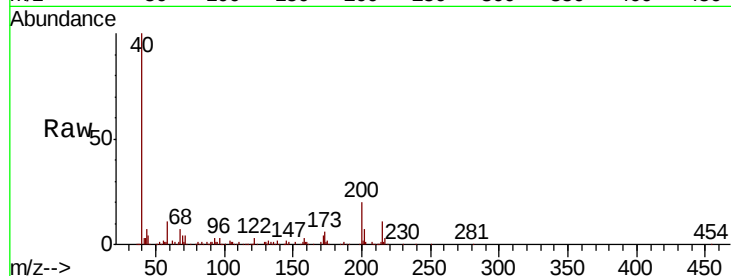




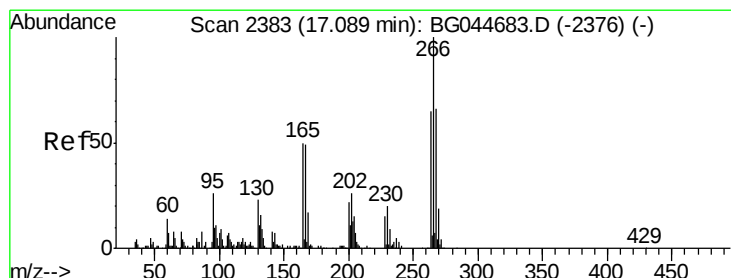
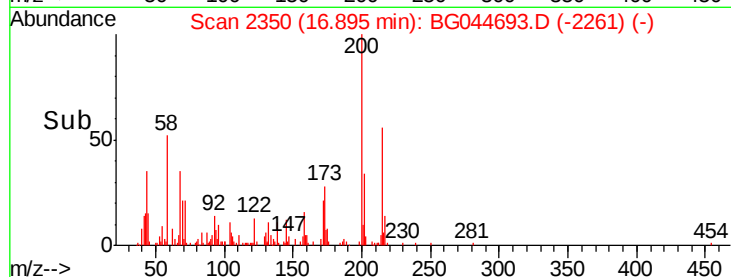
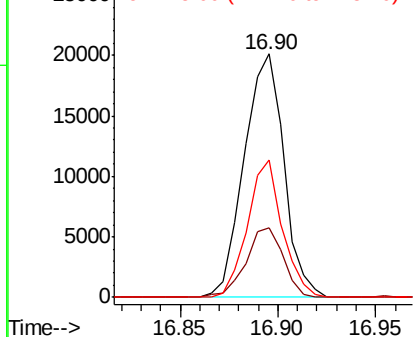
#69
Atrazine
Concen: 5.254 ng
RT: 16.90 min Scan# 2350
Delta R.T. -0.01 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.3	4.0	44.0
215	56.3	29.1	69.1

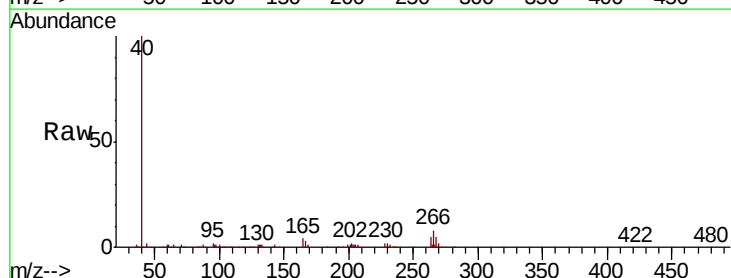


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

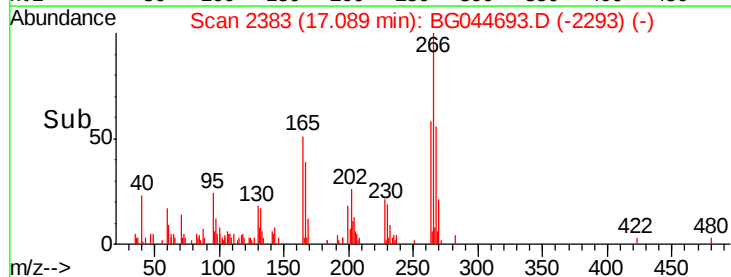
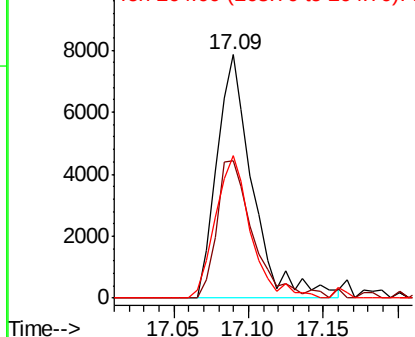


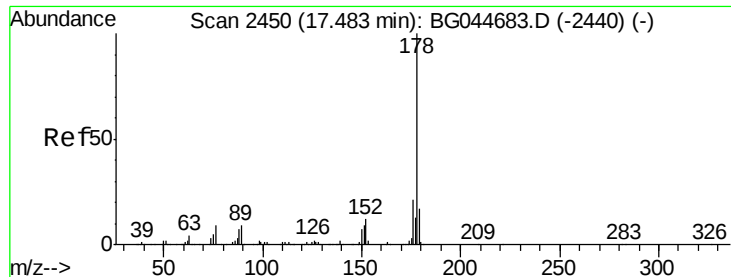
#70
Pentachlorophenol
Concen: 3.726 ng
RT: 17.09 min Scan# 2383
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
266	100		
268	56.2	52.7	79.1
264	64.7	52.3	78.5



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

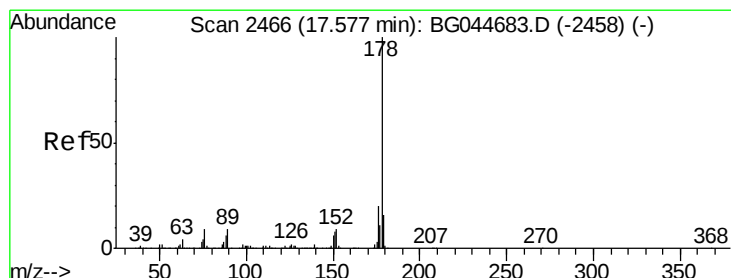
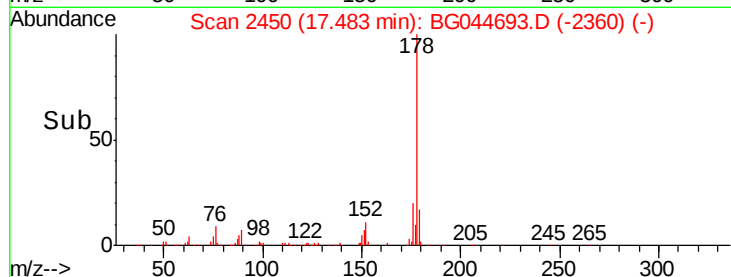
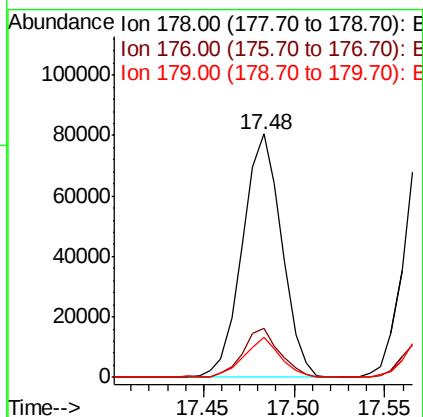
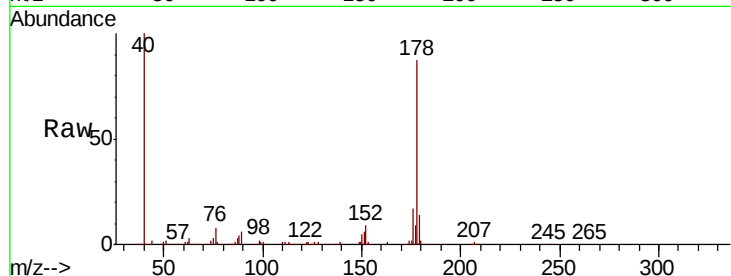




#71
Phenanthrene
Concen: 4.864 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

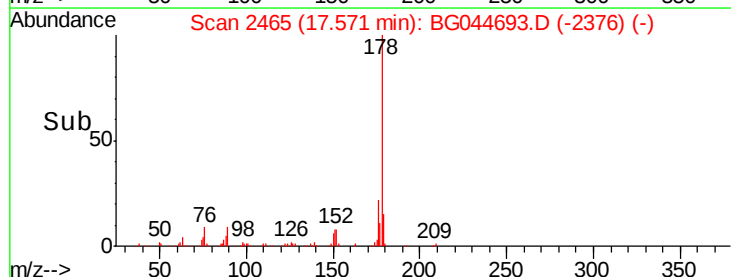
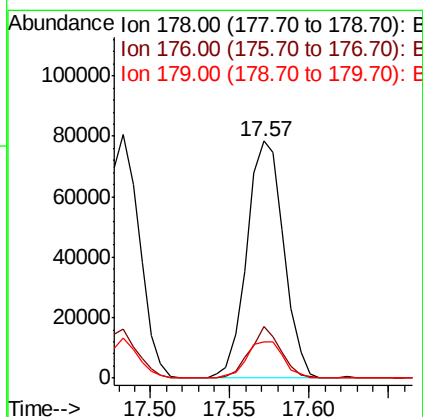
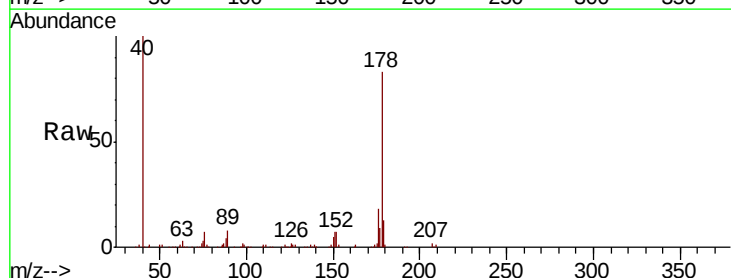
Instrument :
BNA_G
ClientSampleId :

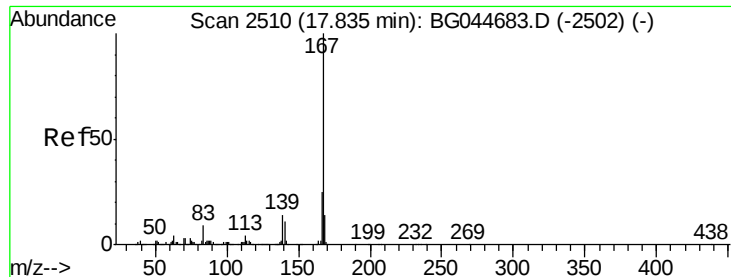
Tot Ion:178 Resp: 121587
Ion Ratio Lower Upper
178 100
176 20.0 16.5 24.7
179 16.6 13.8 20.8



#72
Anthracene
Concen: 5.140 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion:178 Resp: 126541
Ion Ratio Lower Upper
178 100
176 21.9 15.7 23.5
179 15.1 12.6 19.0

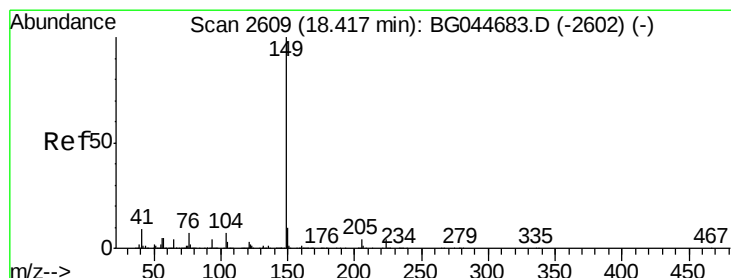
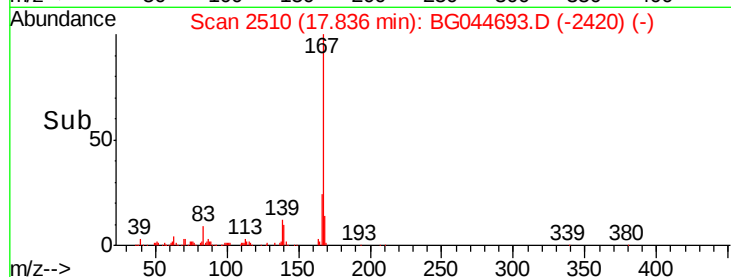
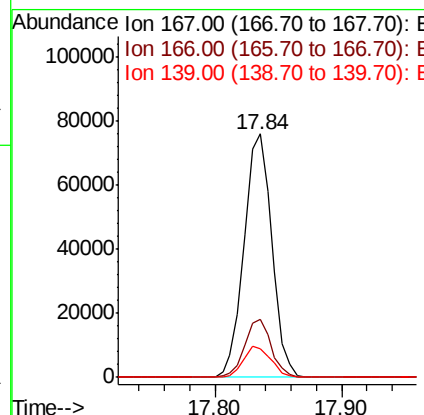
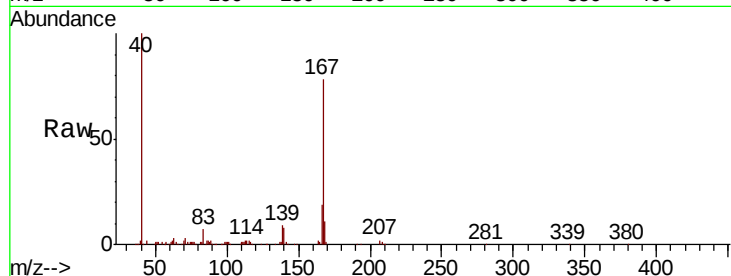




#73
 Carbazole
 Concen: 4.886 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

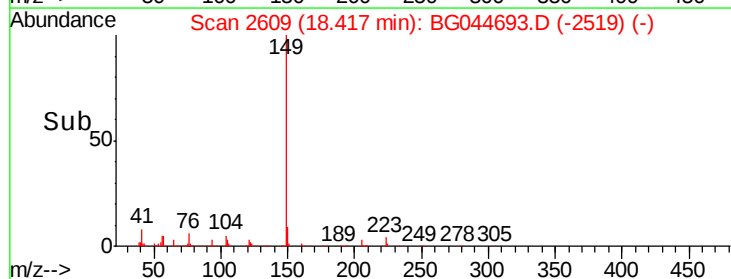
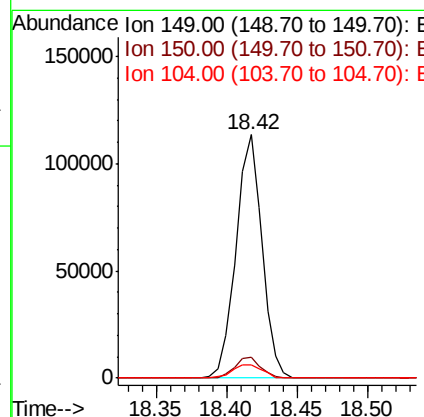
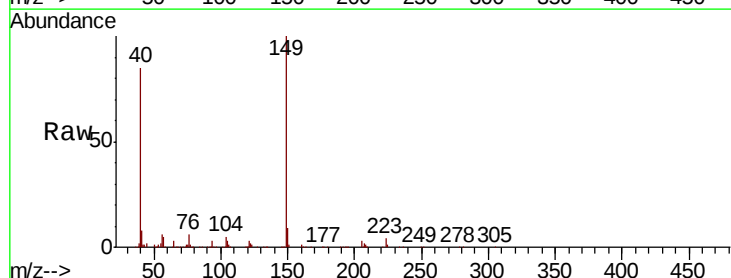
Instrument :
 BNA_G
 ClientSampleId :

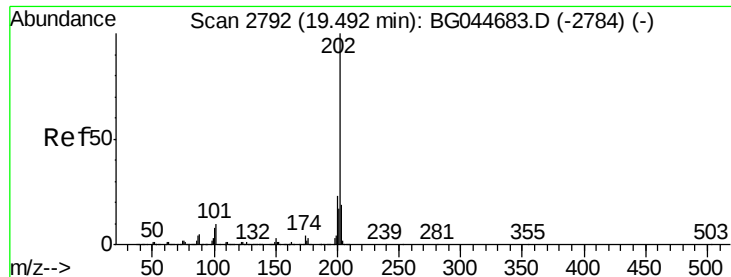
Tot Ion:167 Resp: 115202
 Ion Ratio Lower Upper
 167 100
 166 23.9 20.0 30.0
 139 12.0 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 4.910 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

Tgt Ion:149 Resp: 145813
 Ion Ratio Lower Upper
 149 100
 150 8.5 8.0 12.0
 104 5.4 5.5 8.3#





#75

Fluoranthene

Concen: 5.038 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG044693.D

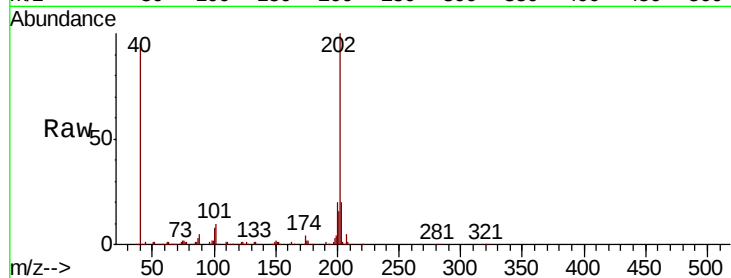
Acq: 6 Mar 2020 11:59

Instrument :

BNA_G

ClientSampled :

Tot Ion:	202	Resp:	152212
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	30.3
203	19.5	0.0	39.1

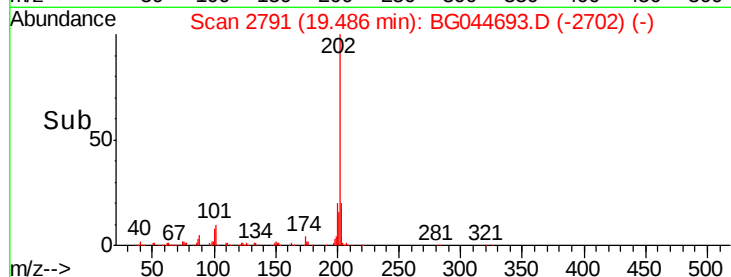
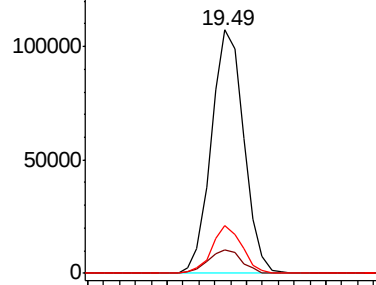


Abundance

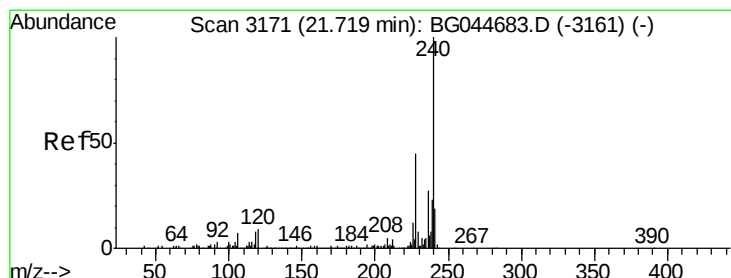
Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

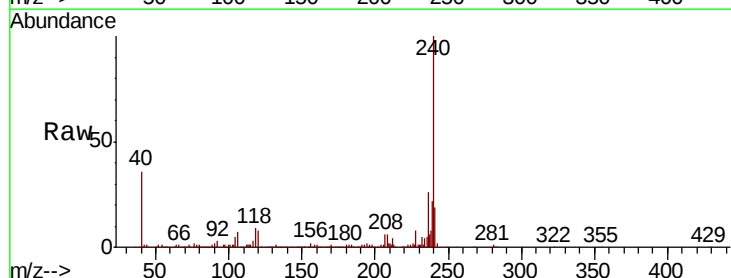
RT: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Tgt Ion:	240	Resp:	440972
Ion Ratio	Lower	Upper	
240	100		
120	8.4	7.0	10.6
236	25.6	21.5	32.3

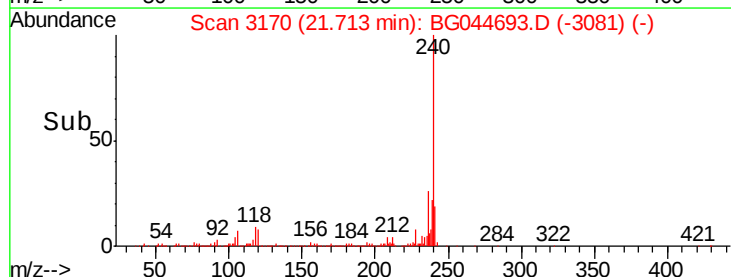
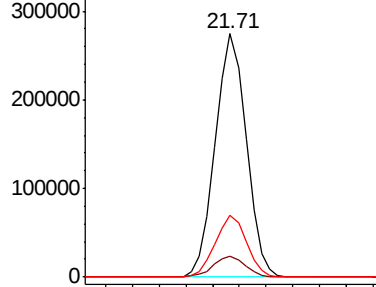


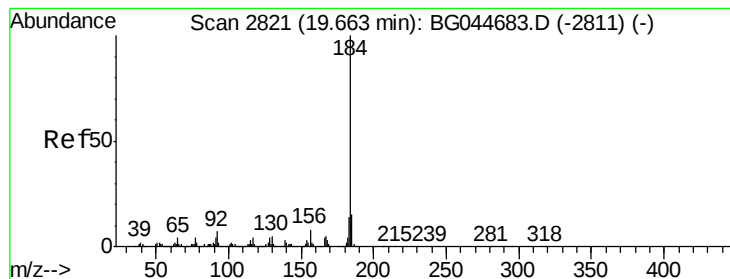
Abundance

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: 5.015 ng

RT: 19.66 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Instrument :

BNA_G

ClientSampleId :

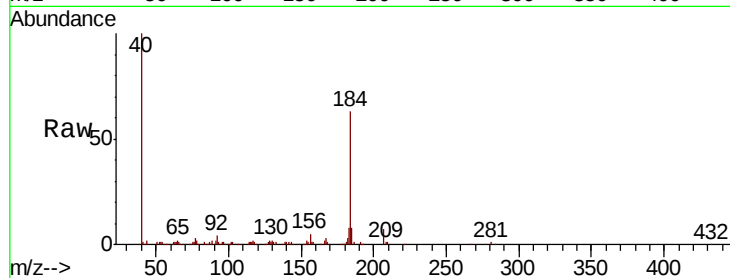
Tot Ion:184 Resp: 88274

Ion Ratio Lower Upper

184 100

185 13.3 12.0 18.0

183 12.2 11.4 17.2

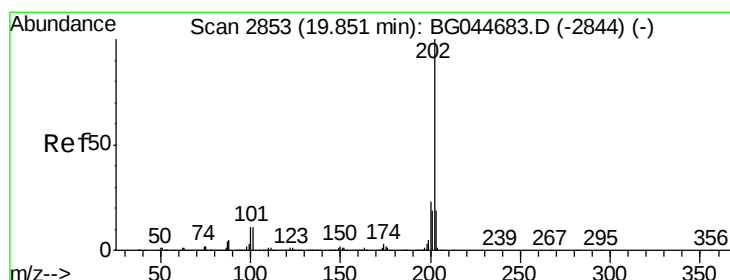
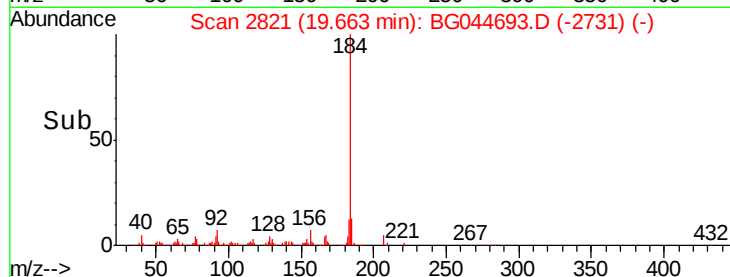
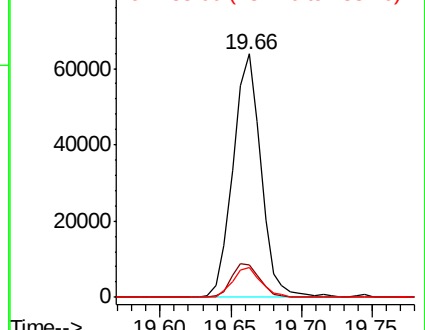


Abundance

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: 4.600 ng

RT: 19.85 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

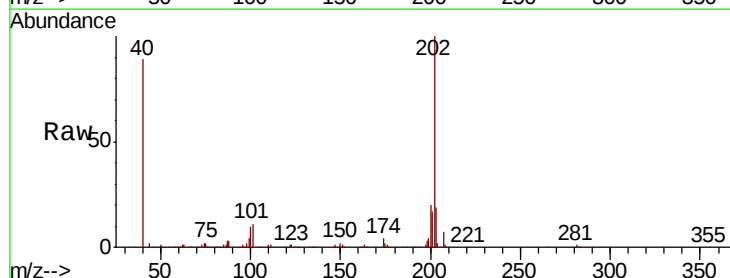
Tgt Ion:202 Resp: 154713

Ion Ratio Lower Upper

202 100

200 20.2 18.2 27.2

203 19.4 15.2 22.8

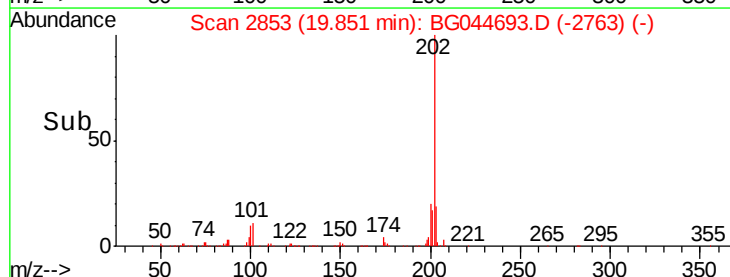
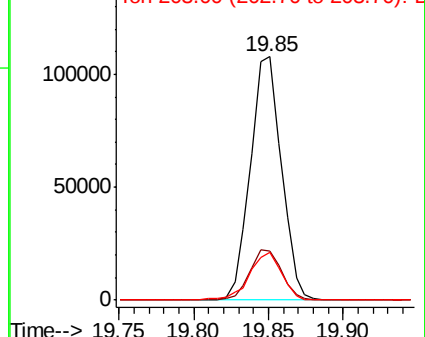


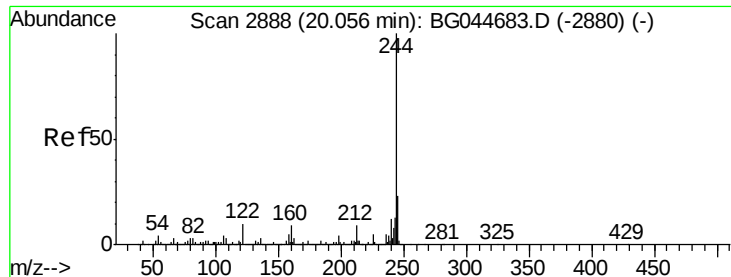
Abundance

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: 87.670 ng

RT: 20.06 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Instrument :

BNA_G

ClientSampleId :

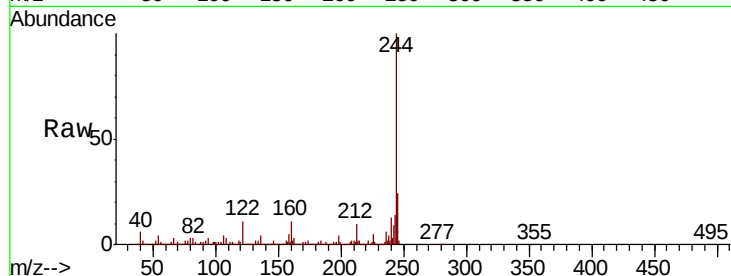
Tot Ion:244 Resp: 2165791

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.5	11.3
122	10.6	7.7	11.5

244 100

212 9.9 7.5 11.3

122 10.6 7.7 11.5

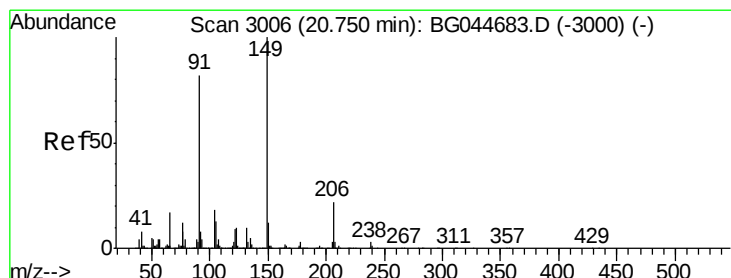
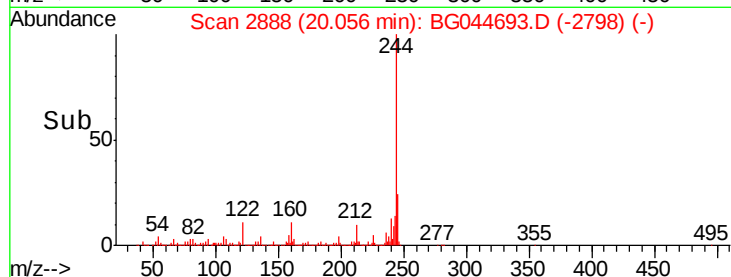
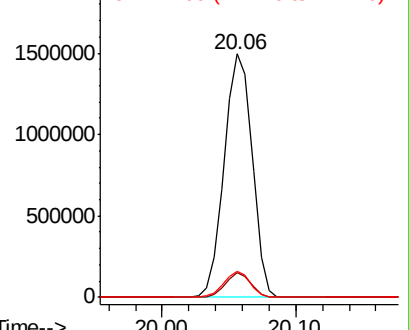


Abundance

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: 4.061 ng

RT: 20.75 min Scan# 3006

Delta R.T. 0.00 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

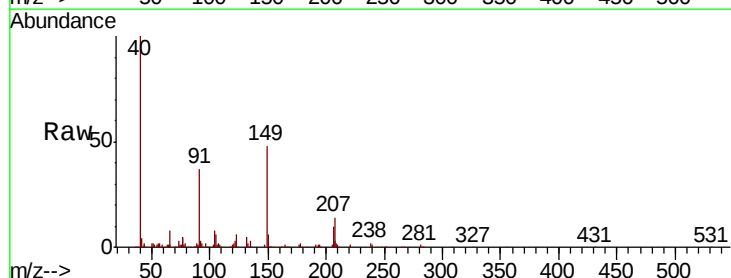
Tgt Ion:149 Resp: 60974

Ion	Ratio	Lower	Upper
149	100		
91	76.7	65.7	98.5
206	21.2	17.3	25.9

149 100

91 76.7 65.7 98.5

206 21.2 17.3 25.9

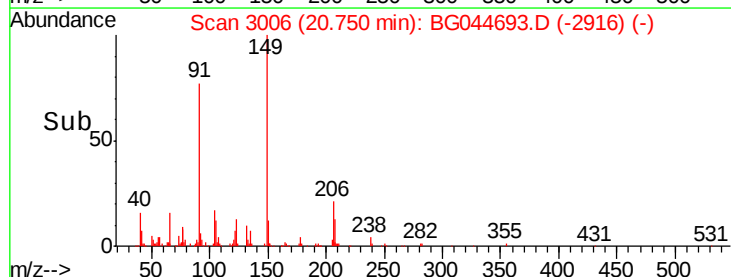
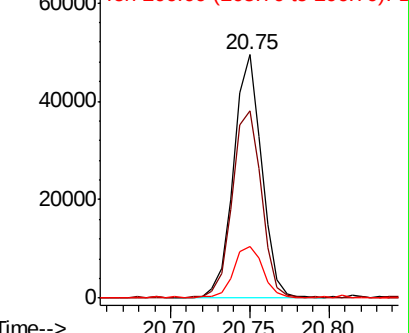


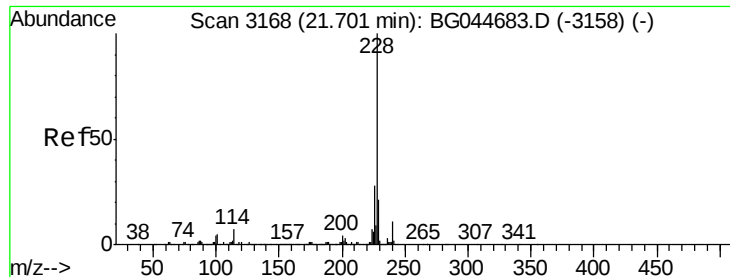
Abundance

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: 4.668 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Instrument :

BNA_G

ClientSampleId :

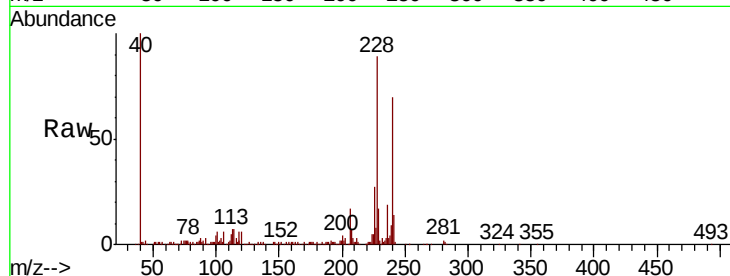
Tot Ion:228 Resp: 154373

Ion Ratio Lower Upper

228 100

226 29.9 22.8 34.2

229 19.1 17.0 25.6

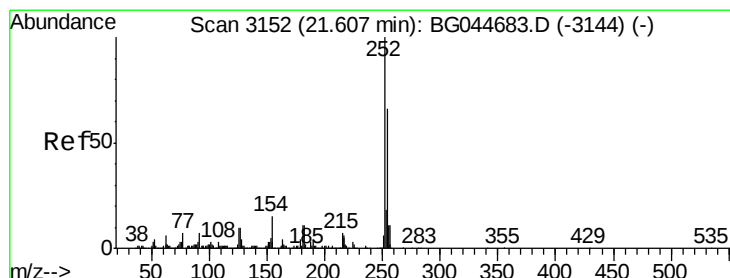
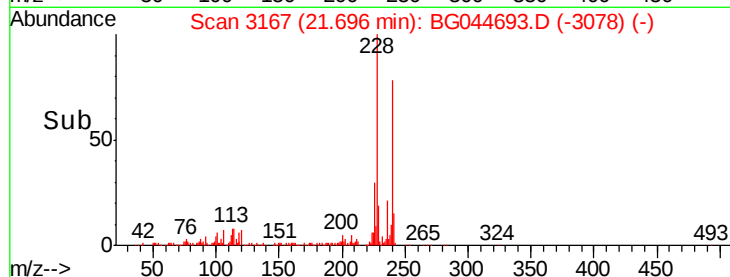
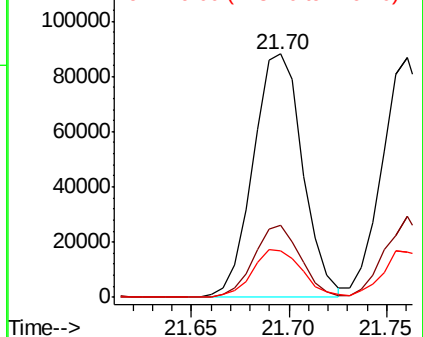


Abundance

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: 4.696 ng

RT: 21.61 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

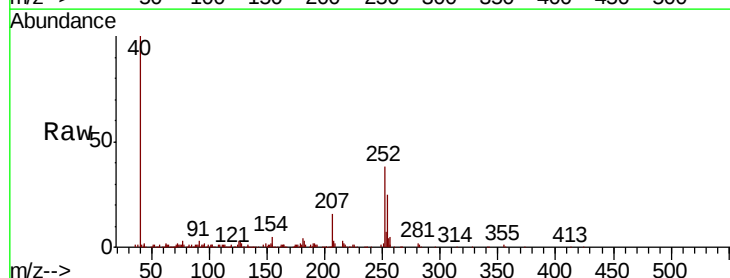
Tgt Ion:252 Resp: 61835

Ion Ratio Lower Upper

252 100

254 66.1 52.6 79.0

126 7.9 7.8 11.6

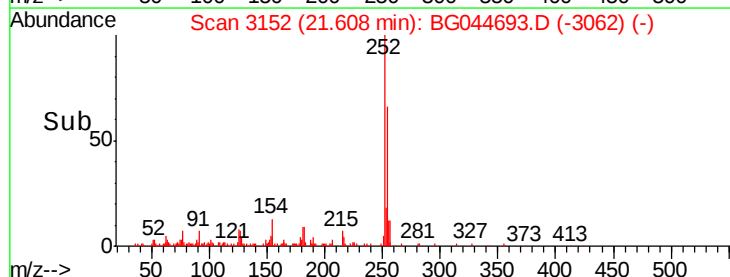
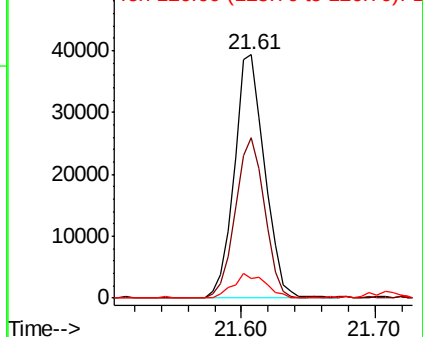


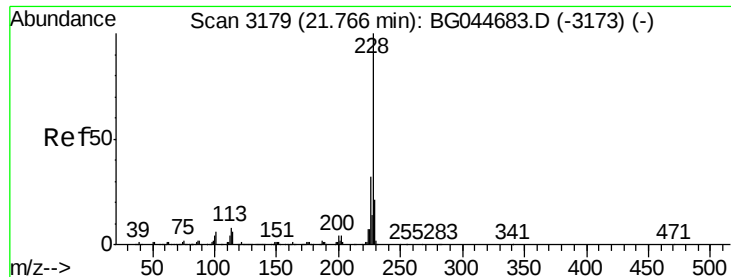
Abundance

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: 4.647 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Instrument :

BNA_G

ClientSampleId :

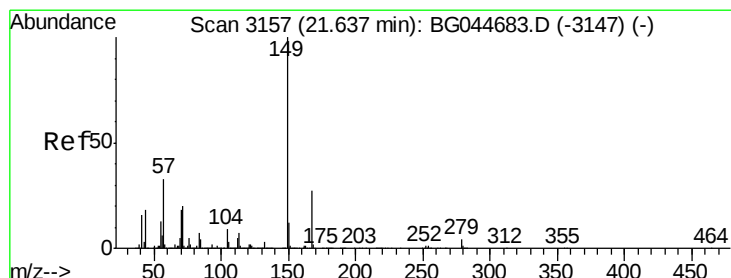
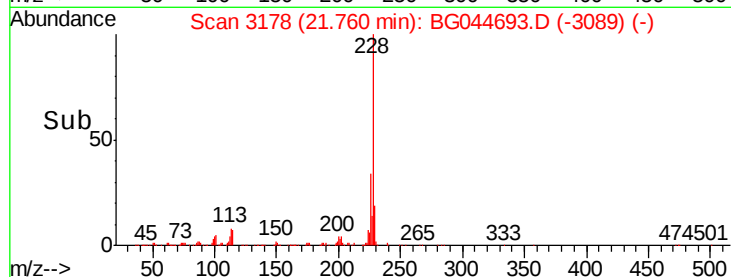
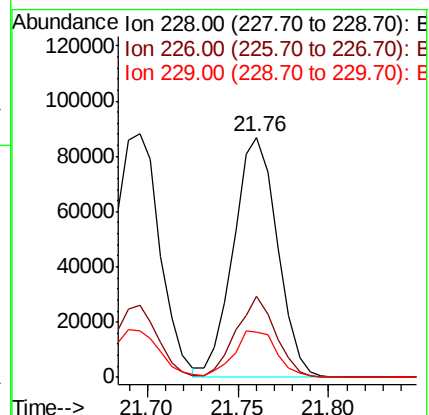
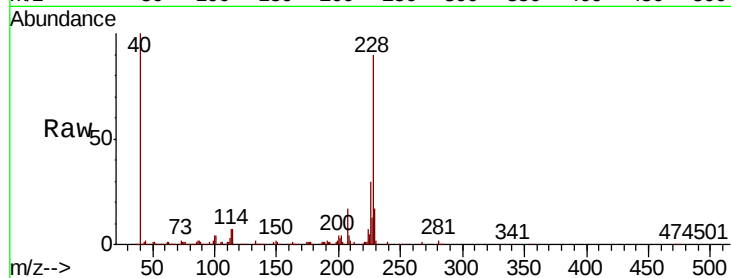
Tot Ion:228 Resp: 146276

Ion Ratio Lower Upper

228 100

226 33.5 25.8 38.6

229 18.7 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.372 ng

RT: 21.64 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

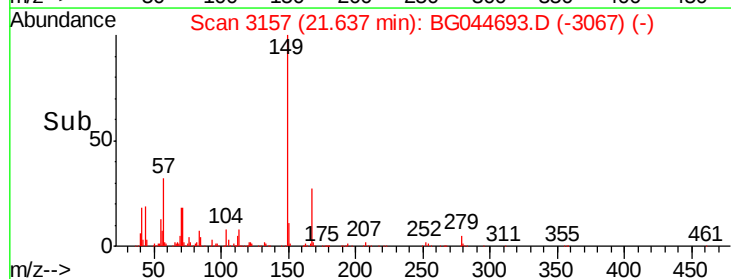
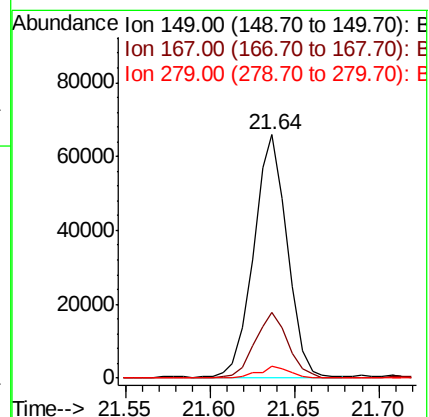
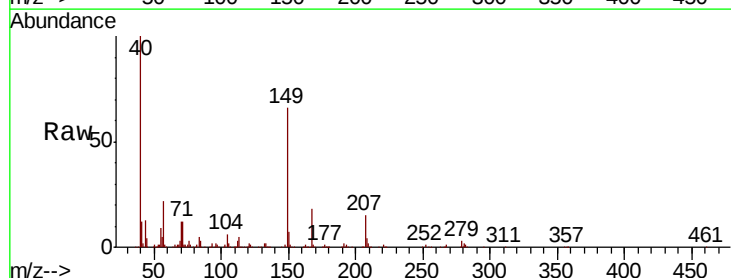
Tgt Ion:149 Resp: 91532

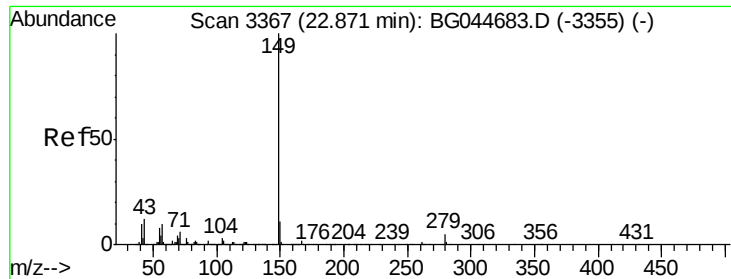
Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

279 5.1 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 4.264 ng

RT: 22.86 min Scan# 3366

Delta R.T. -0.01 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Instrument :

BNA_G

ClientSampleId :

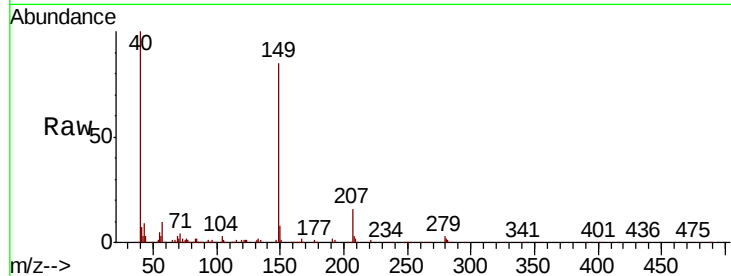
Tot Ion:149 Resp: 153304

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

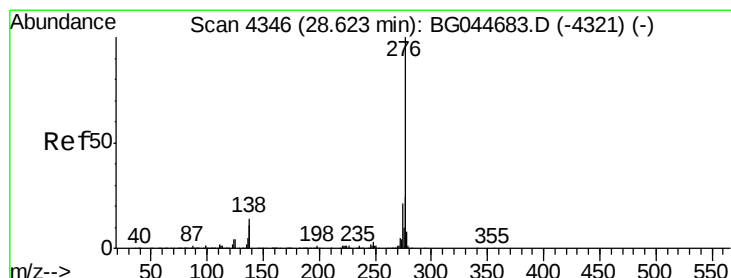
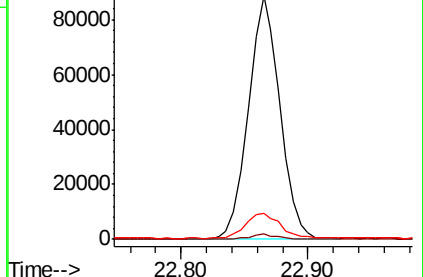
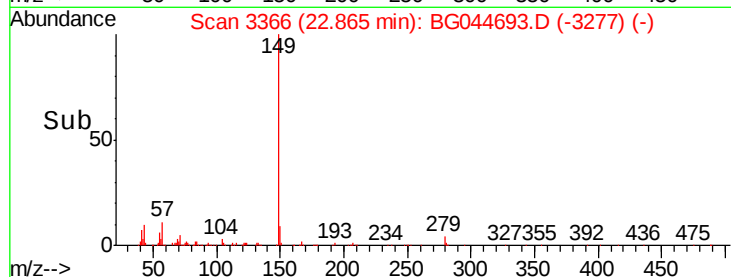
43 11.8 9.5 14.3



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: 4.284 ng

RT: 28.61 min Scan# 4343

Delta R.T. -0.02 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

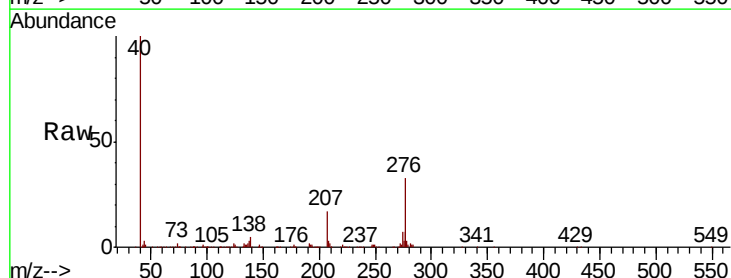
Tgt Ion:276 Resp: 178097

Ion Ratio Lower Upper

276 100

138 10.9 9.5 14.3

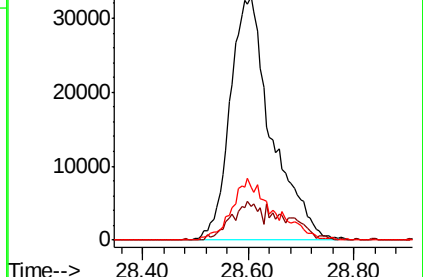
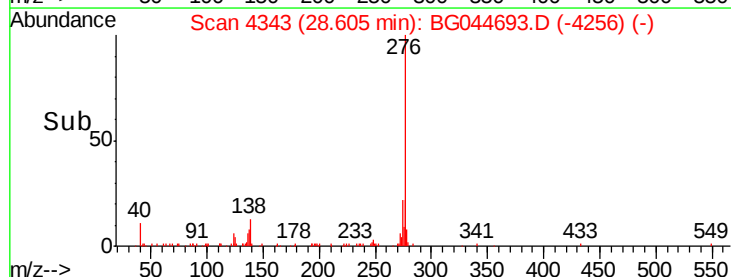
277 20.6 20.6 30.8

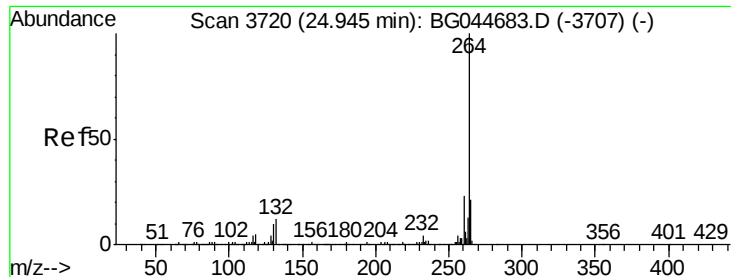


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3719

Delta R.T. -0.01 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Instrument :

BNA_G

ClientSampleId :

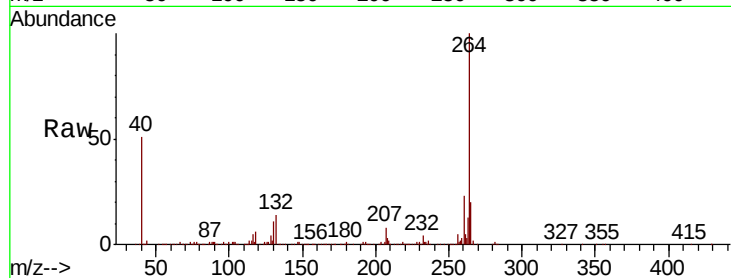
Tot Ion:264 Resp: 503177

Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

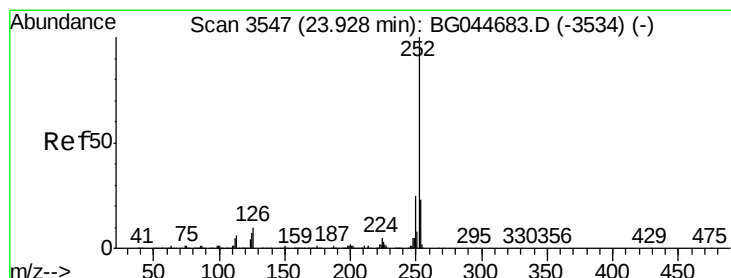
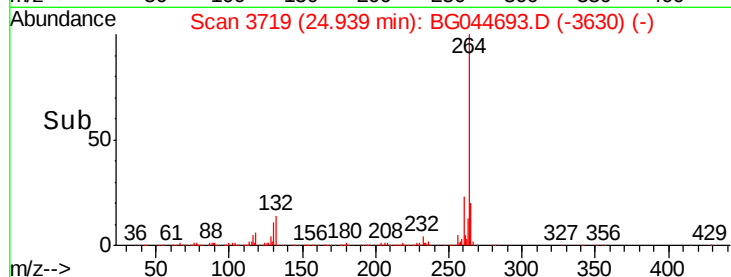
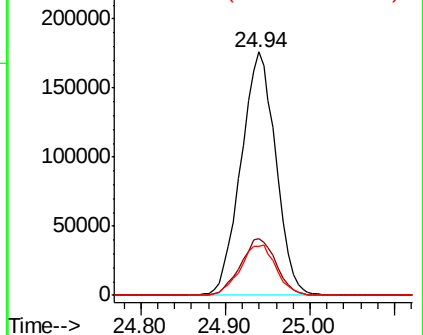
265 20.1 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 4.442 ng

RT: 23.92 min Scan# 3546

Delta R.T. -0.01 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

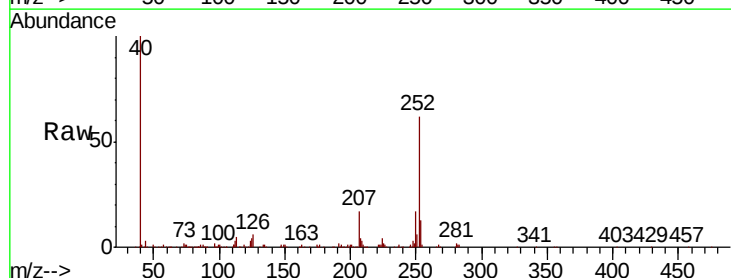
Tgt Ion:252 Resp: 152124

Ion Ratio Lower Upper

252 100

253 21.2 18.1 27.1

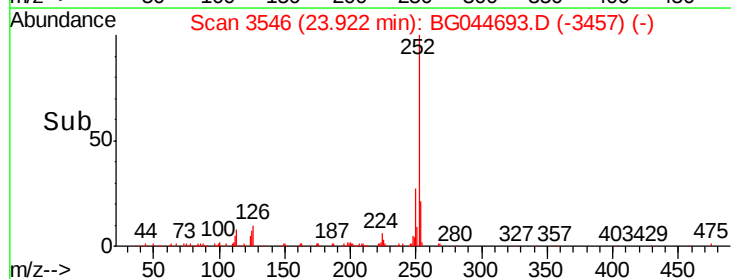
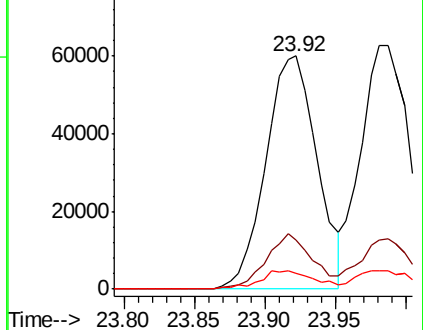
125 7.0 5.6 8.4

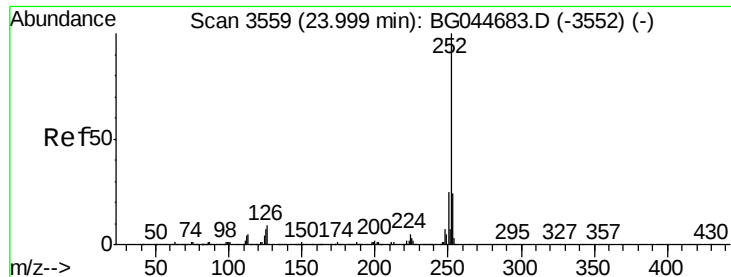


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 4.801 ng

RT: 23.98 min Scan# 3556

Delta R.T. -0.02 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Instrument :

BNA_G

ClientSampleId :

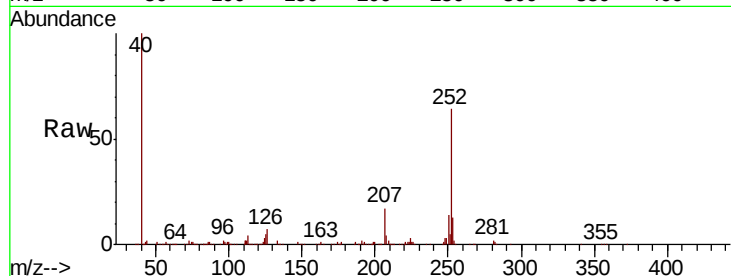
Tot Ion:252 Resp: 154112

Ion Ratio Lower Upper

252 100

253 20.0 18.5 27.7

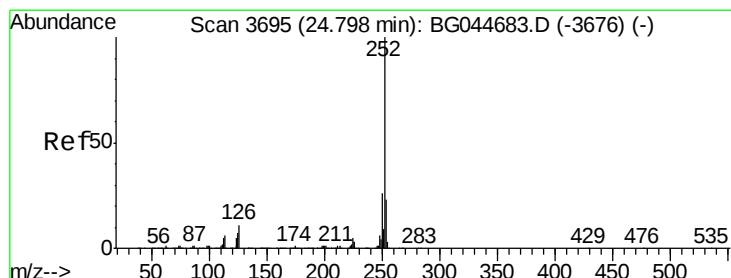
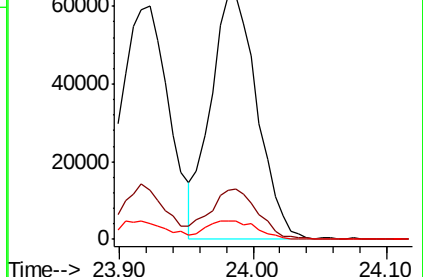
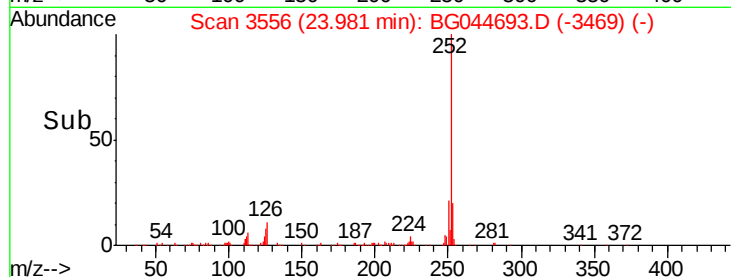
125 7.6 5.8 8.8



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



#90

Benzo(a)pyrene

Concen: 4.451 ng

RT: 24.79 min Scan# 3693

Delta R.T. -0.01 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

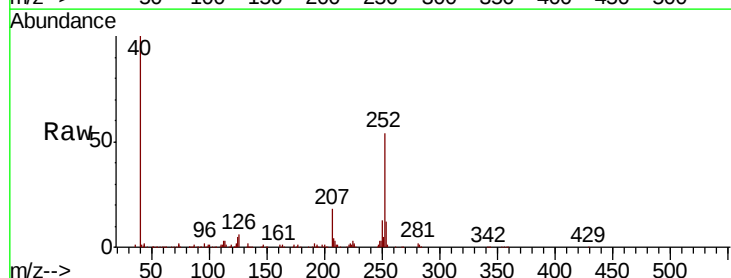
Tgt Ion:252 Resp: 141960

Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

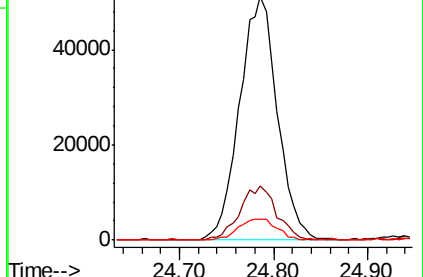
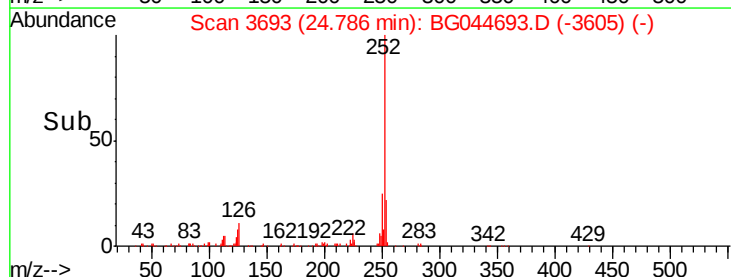
125 8.8 6.0 9.0

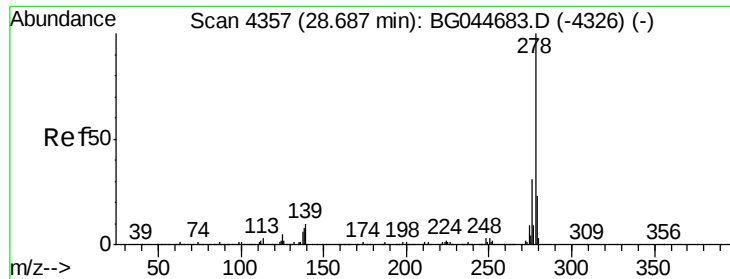


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

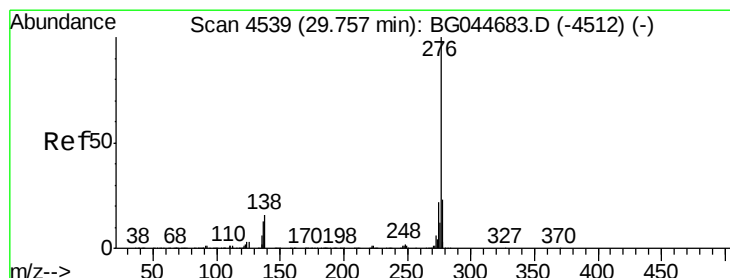
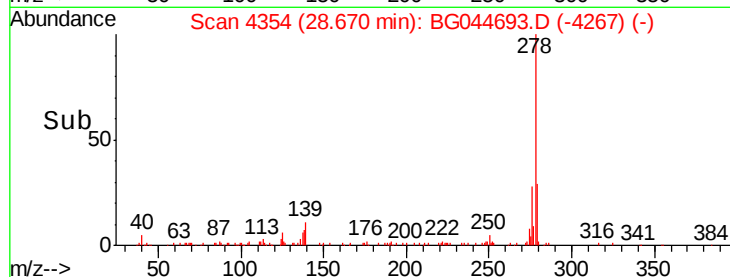
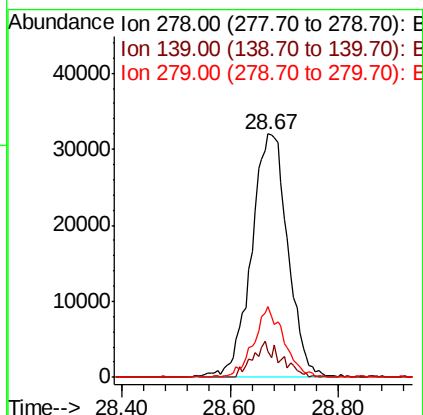
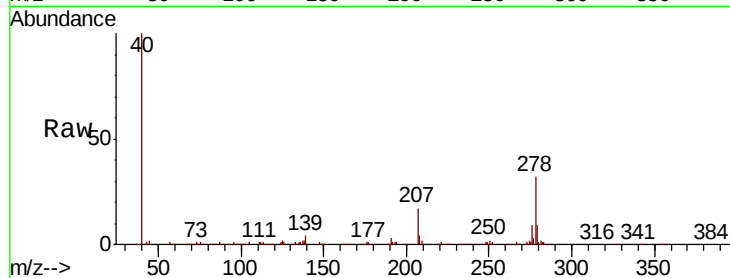




#91
Dibenzo(a,h)anthracene
Concen: 4.677 ng
RT: 28.67 min Scan# 4354
Delta R.T. -0.02 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 148765
Ion Ratio Lower Upper
278 100
139 10.9 8.4 12.6
279 28.9 18.2 27.2#



#92
Benzo(g,h,i)perylene
Concen: 4.627 ng
RT: 29.73 min Scan# 4535
Delta R.T. -0.02 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion:276 Resp: 147411
Ion Ratio Lower Upper
276 100
277 27.1 18.7 28.1
138 14.2 12.7 19.1

