

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030320\
 Data File : BG044664.D
 Acq On : 3 Mar 2020 16:04
 Operator : CG/JU
 Sample : 8270-SPIKE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 04 03:44:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	50052	20.00	ng	-0.07
21) Naphthalene-d8	10.61	136	212444	20.00	ng	-0.07
39) Acenaphthene-d10	14.46	164	146044	20.00	ng	-0.06
64) Phenanthrene-d10	17.21	188	339555	20.00	ng	-0.06
76) Chrysene-d12	21.44	240	333361	20.00	ng	-0.06
87) Perylene-d12	24.46	264	376754	20.00	ng	-0.11

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	7.38	99	10898	2.55	ng	0.33
23) Nitrobenzene-d5	8.89	82	16322	3.96	ng	-0.14
42) 2,4,6-Tribromophenol	15.95	330	192	0.09	ng	-0.06
45) 2-Fluorobiphenyl	12.96	172	299	0.03	ng	-0.17
79) Terphenyl-d14	19.83	244	11992	0.68	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	71851	52.782	ng	98
3) Pyridine	3.63	79	164489	43.305	ng	100
4) n-Nitrosodimethylamine	3.55	42	82858	57.435	ng	95
6) Aniline	7.13	93	224769	43.235	ng	99
8) 2-Chlorophenol	7.38	128	204781	60.135	ng	98
9) Benzaldehyde	6.94	77	153886	61.287	ng	99
10) Phenol	7.01	94	250179	60.459	ng	99
11) bis(2-Chloroethyl)ether	7.23	93	183120	52.641	ng	97
12) 1,3-Dichlorobenzene	7.69	146	210422	51.808	ng	97
13) 1,4-Dichlorobenzene	7.84	146	211499	51.814	ng	99
14) 1,2-Dichlorobenzene	8.16	146	203754	52.490	ng	98
15) Benzyl Alcohol	8.05	79	167063	58.012	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.35	45	239136	51.150	ng	100
17) 2-Methylphenol	8.26	107	173135	58.568	ng	96
18) Hexachloroethane	8.89	117	77604	52.022	ng	93
19) n-Nitroso-di-n-propylamine	8.62	70	138677	50.524	ng	98
20) 3+4-Methylphenols	8.59	107	232909	57.548	ng	99
22) Acetophenone	8.63	105	264310	49.554	ng	# 99
24) Nitrobenzene	9.00	77	202599	50.712	ng	99
25) Isophorone	9.53	82	389686	50.515	ng	99
26) 2-Nitrophenol	9.72	139	113739	52.496	ng	95
27) 2,4-Dimethylphenol	9.79	122	191178	62.843	ng	99
28) bis(2-Chloroethoxy)methane	10.02	93	245810	48.185	ng	100
29) 2,4-Dichlorophenol	10.27	162	201729	55.465	ng	97
30) 1,2,4-Trichlorobenzene	10.47	180	198192	47.119	ng	100
31) Naphthalene	10.66	128	574622	49.569	ng	98
32) Benzoic acid	9.97	122	70357	55.263	ng	97
33) 4-Chloroaniline	10.77	127	156075	30.568	ng	98
34) Hexachlorobutadiene	10.95	225	117863	44.619	ng	98
35) Caprolactam	11.54	113	41730	32.050	ng	94
36) 4-Chloro-3-methylphenol	11.91	107	211508	56.496	ng	98
37) 2-Methylnaphthalene	12.28	142	430523	50.251	ng	98
38) 1-Methylnaphthalene	12.49	142	408454	50.174	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	217756	44.290	ng	99

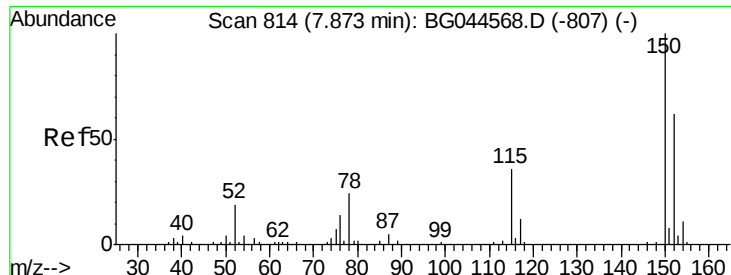
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030320\
 Data File : BG044664.D
 Acq On : 3 Mar 2020 16:04
 Operator : CG/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	213146	89.780	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	160544	50.290	ng	99
44) 2,4,5-Trichlorophenol	12.97	196	176663	53.871	ng	98
46) 1,1'-Biphenyl	13.29	154	561913	46.494	ng	99
47) 2-Chloronaphthalene	13.33	162	438473	46.266	ng	99
48) 2-Nitroaniline	13.53	65	133845	50.877	ng	97
49) Acenaphthylene	14.18	152	698550	49.934	ng	99
50) Dimethylphthalate	13.92	163	582370	49.405	ng	99
51) 2,6-Dinitrotoluene	14.03	165	132895	51.119	ng	95
52) Acenaphthene	14.53	154	428664	48.069	ng	99
53) 3-Nitroaniline	14.36	138	97689	34.842	ng	97
54) 2,4-Dinitrophenol	14.58	184	152584	96.343	ng	98
55) Dibenzofuran	14.86	168	679680	49.716	ng	99
56) 4-Nitrophenol	14.70	139	221333	114.763	ng	98
57) 2,4-Dinitrotoluene	14.83	165	189820	51.934	ng	95
58) Fluorene	15.51	166	538237	49.654	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.10	232	156880	51.949	ng	99
60) Diethylphthalate	15.29	149	584729	50.064	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	283166	48.045	ng	100
62) 4-Nitroaniline	15.53	138	141185	50.290	ng	96
63) Azobenzene	15.80	77	516662	51.978	ng	98
65) 4,6-Dinitro-2-methylphenol	15.60	198	117178	55.733	ng	99
66) n-Nitrosodiphenylamine	15.72	169	516514	48.766	ng	99
67) 4-Bromophenyl-phenylether	16.40	248	194039	46.037	ng	98
68) Hexachlorobenzene	16.52	284	213475	44.798	ng	98
69) Atrazine	16.67	200	193068	49.307	ng	98
70) Pentachlorophenol	16.87	266	220127	93.092	ng	97
71) Phenanthrene	17.25	178	907797	48.290	ng	100
72) Anthracene	17.34	178	934807	50.459	ng	98
73) Carbazole	17.61	167	863735	51.221	ng	99
74) Di-n-butylphthalate	18.18	149	1059270	50.128	ng	98
75) Fluoranthene	19.26	202	1126036	50.599	ng	99
77) Benzidine	19.44	184	817854	71.620	ng	98
78) Pyrene	19.62	202	1130062	46.699	ng	98
80) Butylbenzylphthalate	20.52	149	505637	47.769	ng	97
81) Benzo(a)anthracene	21.42	228	1113990	47.546	ng	99
82) 3,3'-Dichlorobenzidine	21.34	252	280026	30.253	ng	98
83) Chrysene	21.49	228	1069846	47.227	ng	99
84) Bis(2-ethylhexyl)phthalate	21.35	149	712356	48.841	ng	98
85) Di-n-octyl phthalate	22.49	149	1237148	48.211	ng	98
86) Indeno(1,2,3-cd)pyrene	27.89	276	1367524	47.039	ng	99
88) Benzo(b)fluoranthene	23.52	252	1175671	47.462	ng	99
89) Benzo(k)fluoranthene	23.58	252	1132066	47.101	ng	100
90) Benzo(a)pyrene	24.33	252	1079850	46.398	ng	99
91) Dibenzo(a,h)anthracene	27.94	278	1128507	49.028	ng	99
92) Benzo(g,h,i)perylene	28.96	276	1145113	49.656	ng	100

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

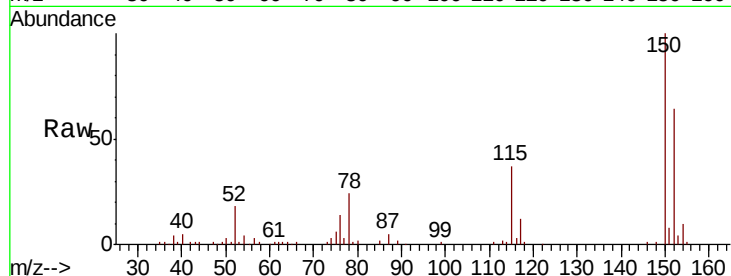


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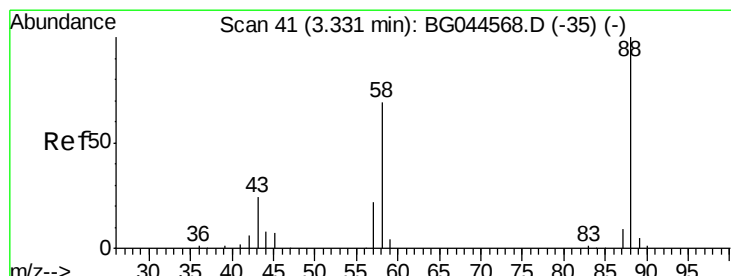
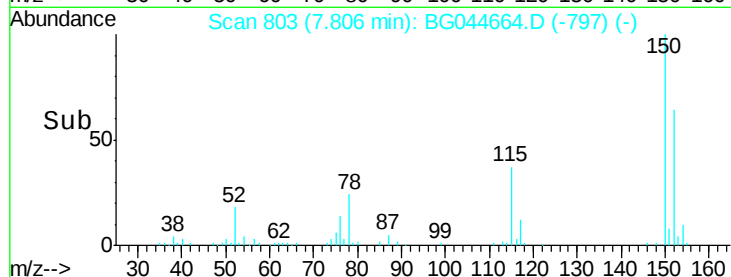
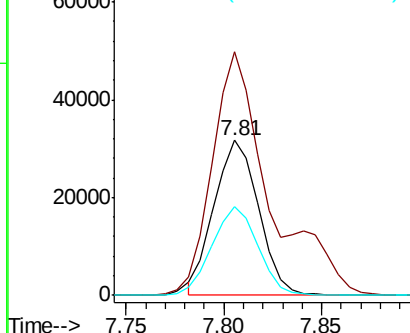
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.81 min Scan# 803
Delta R.T. -0.07 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 50052
Ion Ratio Lower Upper
152 100
150 157.2 128.9 193.3
115 57.7 47.0 70.4



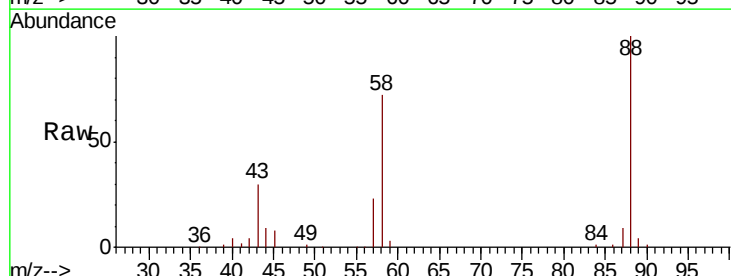
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



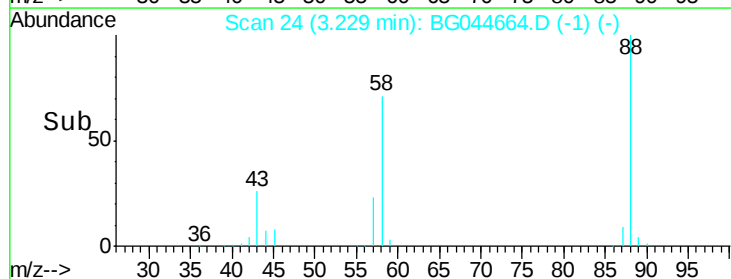
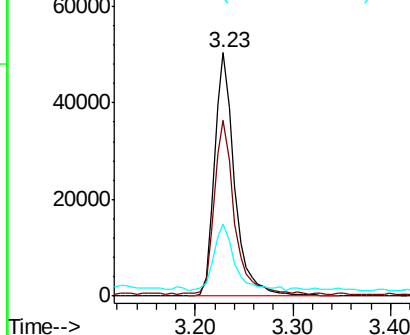
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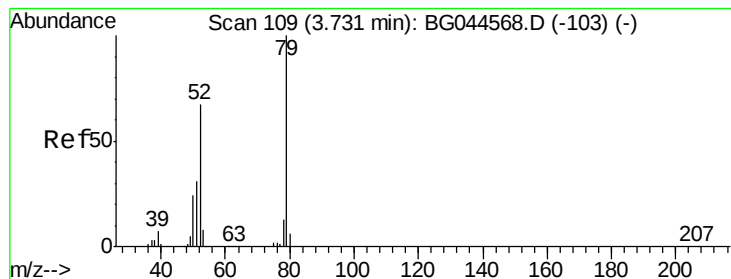
1,4-Dioxane
Concen: 52.782 ng
RT: 3.23 min Scan# 24
Delta R.T. -0.10 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion: 88 Resp: 71851
Ion Ratio Lower Upper
88 100
58 71.1 55.8 83.8
43 27.7 20.6 31.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 43.305 ng

RT: 3.63 min Scan# 92

Delta R.T. -0.10 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

ClientSampleId :

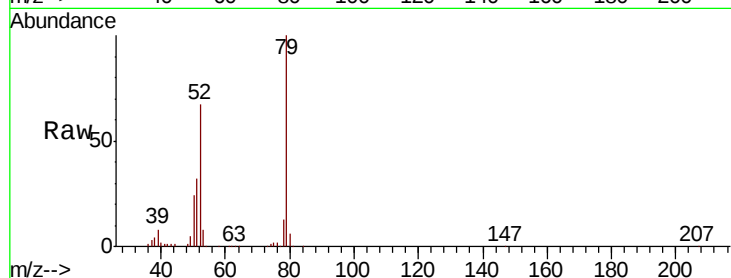
Tot Ion: 79 Resp: 164489

Ion Ratio Lower Upper

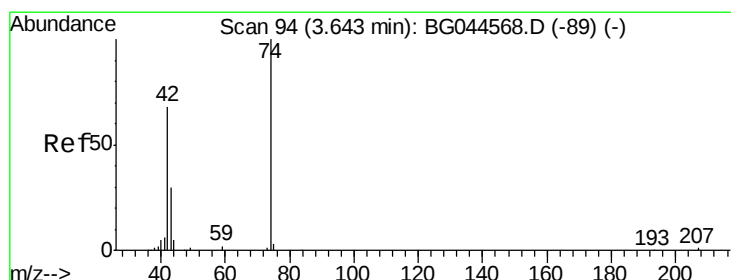
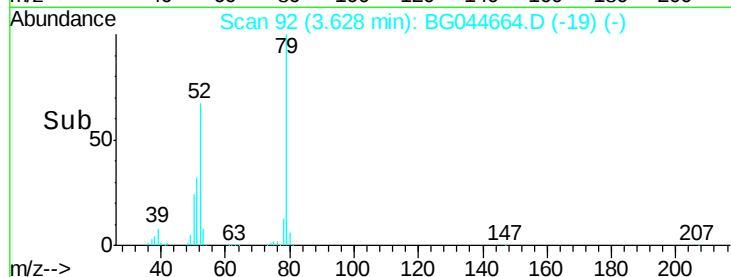
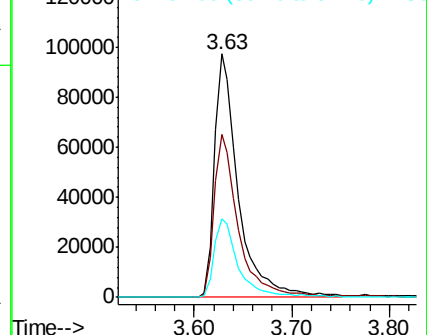
79 100

52 67.2 53.7 80.5

51 32.2 25.4 38.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 57.435 ng

RT: 3.55 min Scan# 78

Delta R.T. -0.10 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

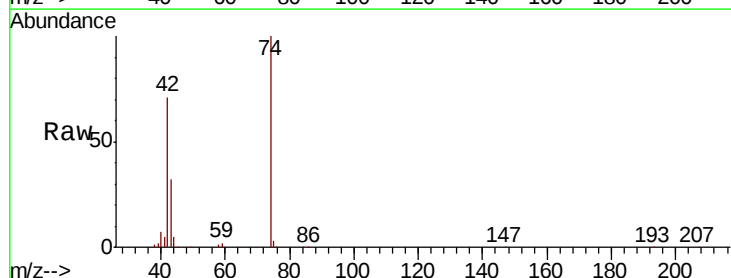
Tgt Ion: 42 Resp: 82858

Ion Ratio Lower Upper

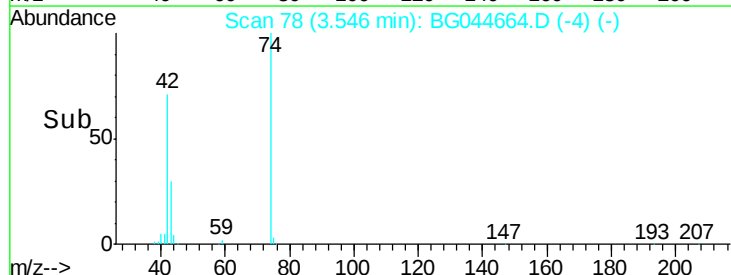
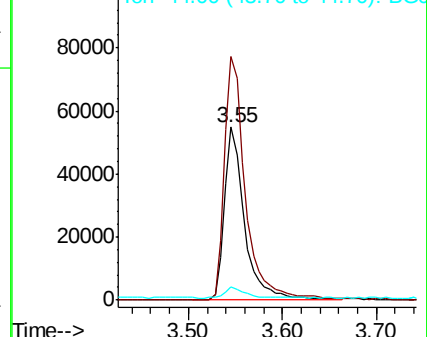
42 100

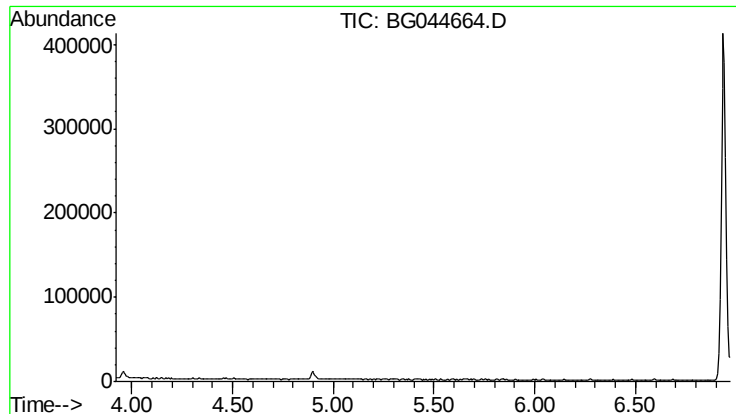
74 141.0 117.6 176.4

44 7.6 6.3 9.5



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.45 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

ClientSampleId :

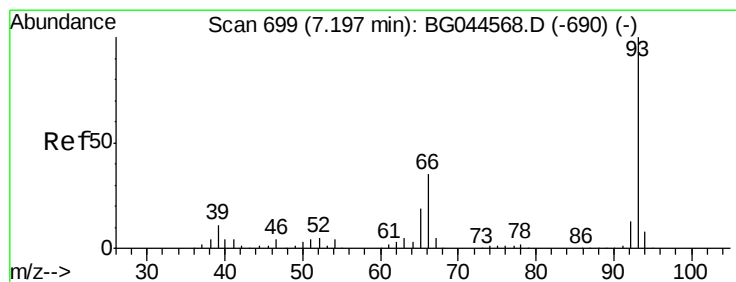
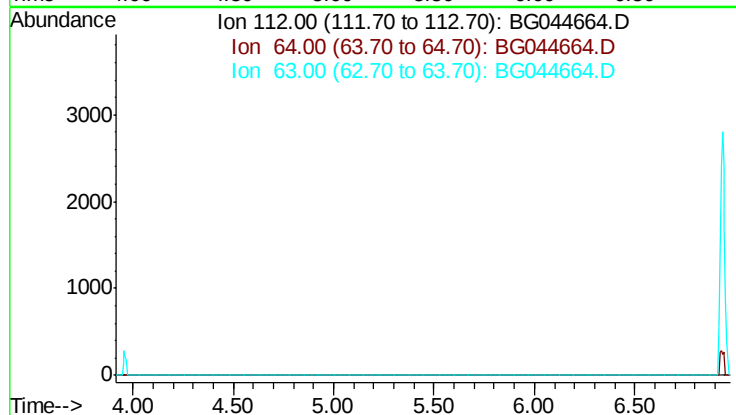
Tot Ion: 112

Sig Exp Ratio

112 100

64 56.0

63 27.9



#6

Aniline

Concen: 43.235 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.07 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

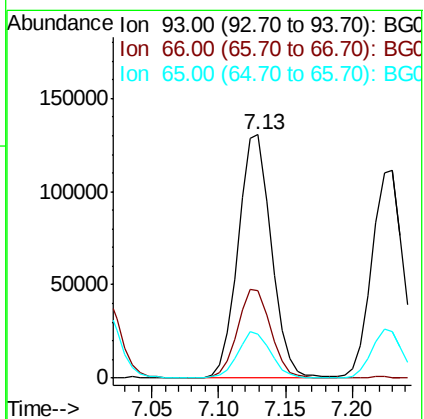
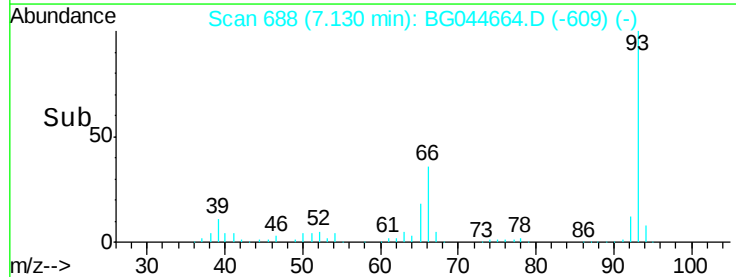
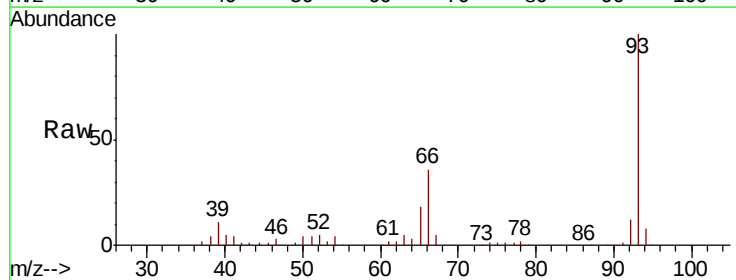
Tgt Ion: 93 Resp: 224769

Ion Ratio Lower Upper

93 100

66 35.8 27.8 41.8

65 18.1 14.9 22.3





#7

Phenol-d6

Concen: 2.552 ng

RT: 7.38 min Scan# 730

Delta R.T. 0.33 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

ClientSampleId :

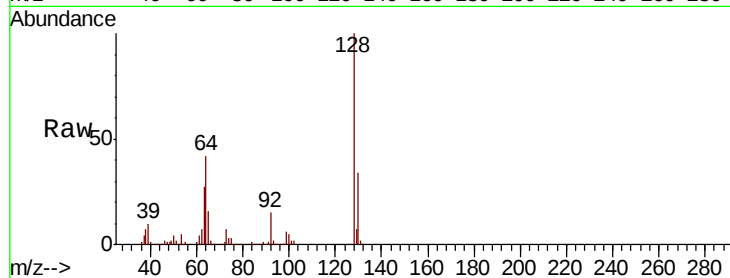
Tot Ion: 99 Resp: 10898

Ion Ratio Lower Upper

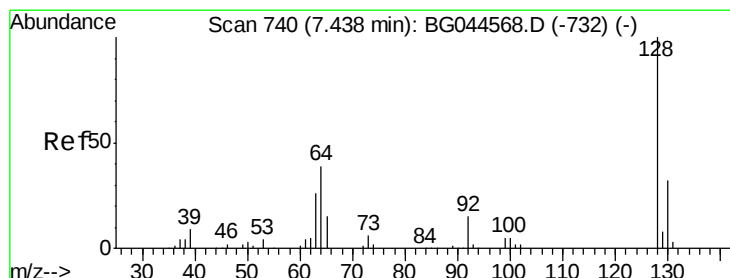
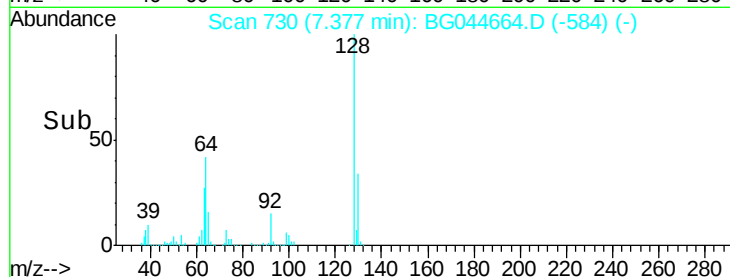
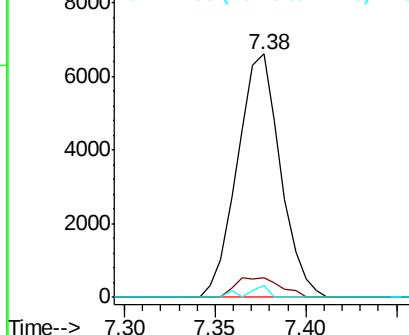
99 100

42 8.0 12.8 19.2#

71 4.9 24.4 36.6#



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: 60.135 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.06 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

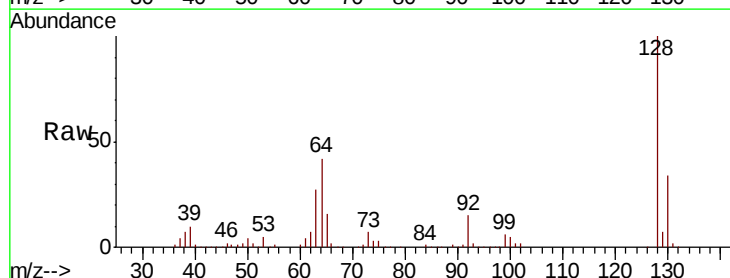
Tgt Ion: 128 Resp: 204781

Ion Ratio Lower Upper

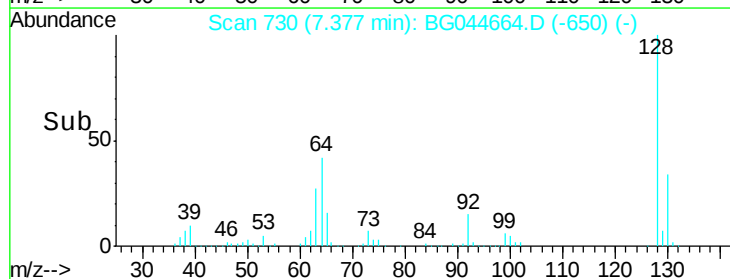
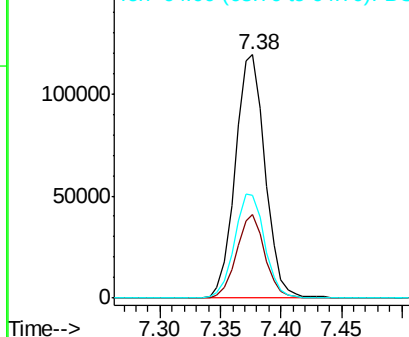
128 100

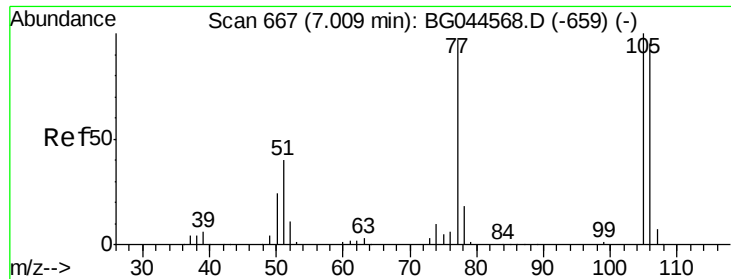
130 34.2 12.3 52.3

64 42.3 22.5 62.5



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 61.287 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.07 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

ClientSampleId :

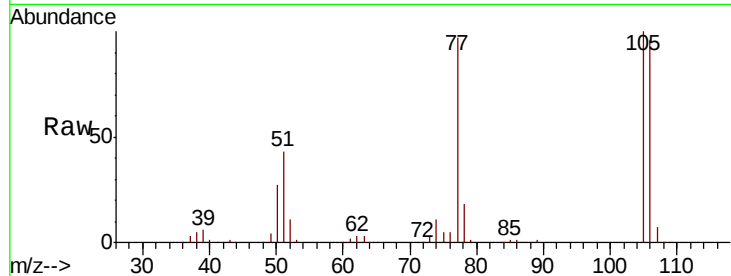
Tot Ion: 77 Resp: 153886

Ion Ratio Lower Upper

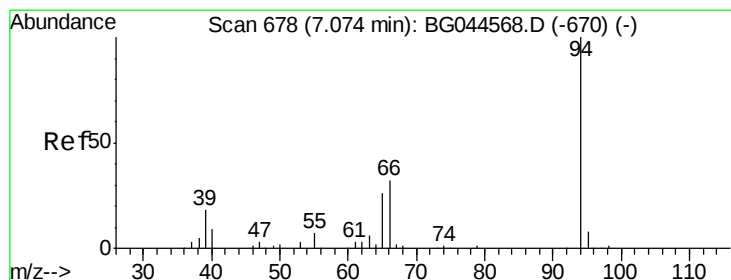
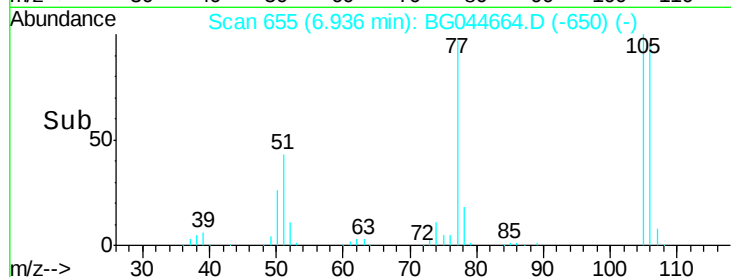
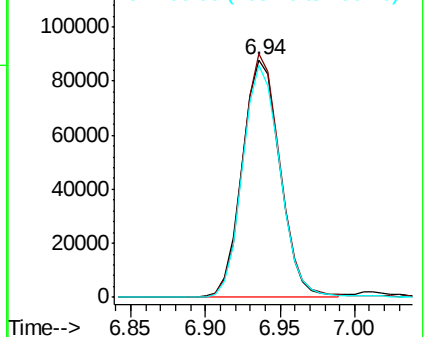
77 100

105 102.6 83.6 123.6

106 98.1 78.2 118.2



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



#10

Phenol

Concen: 60.459 ng

RT: 7.01 min Scan# 668

Delta R.T. -0.06 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

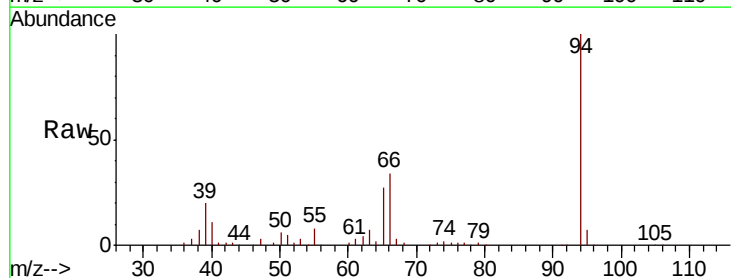
Tgt Ion: 94 Resp: 250179

Ion Ratio Lower Upper

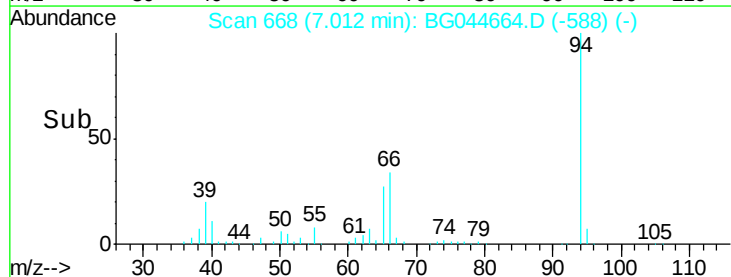
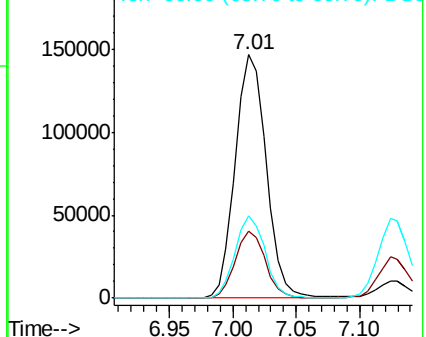
94 100

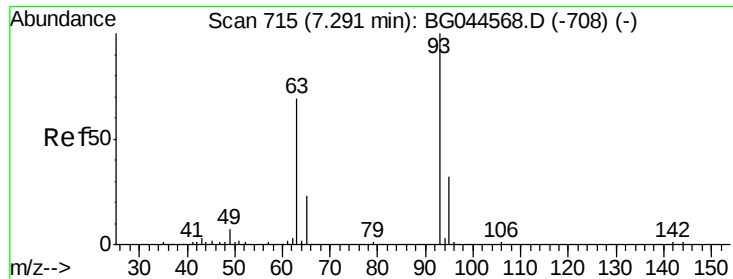
65 27.4 6.4 46.4

66 33.9 13.9 53.9



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

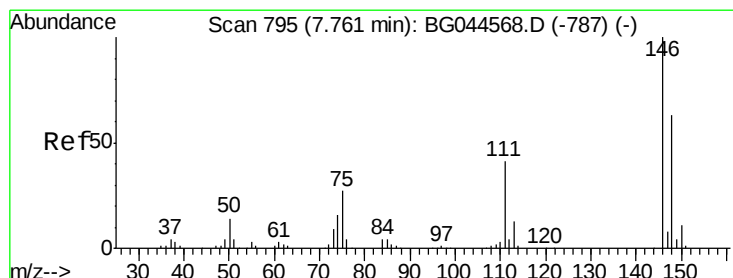
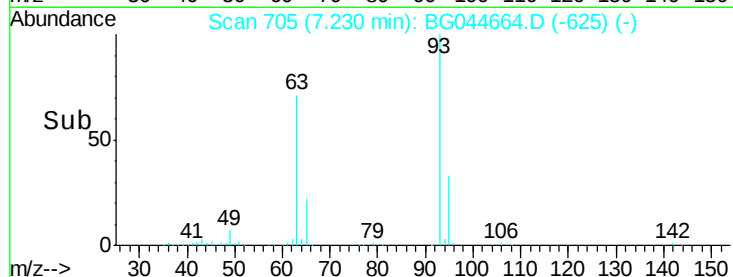
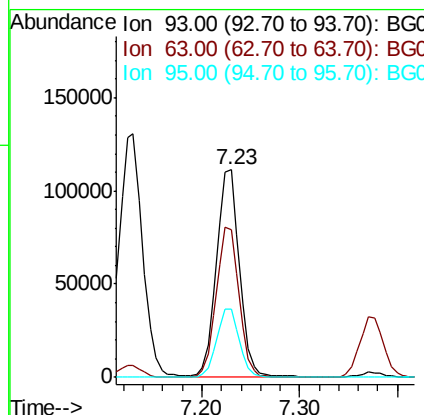
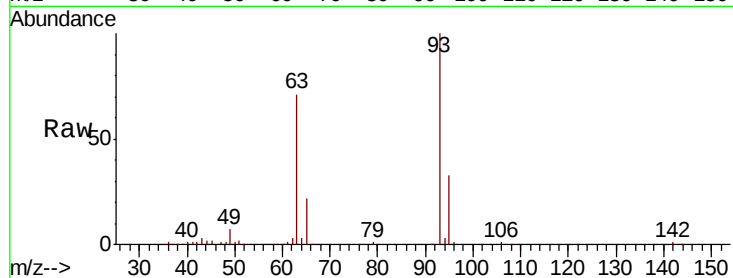




#11
bis(2-Chloroethyl)ether
Concen: 52.641 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

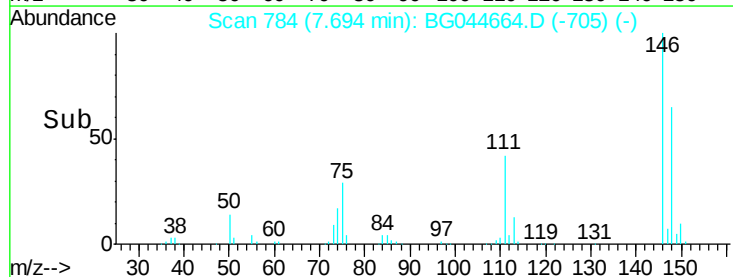
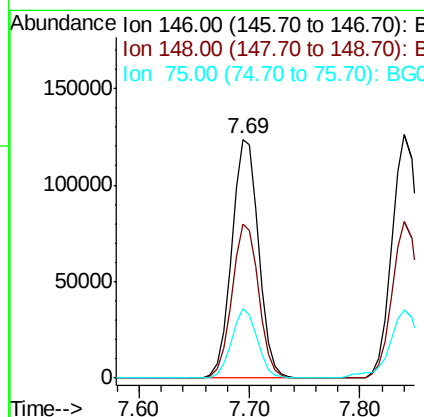
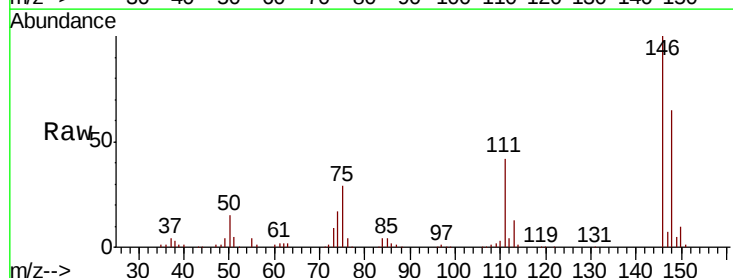
Instrument :
BNA_G
ClientSampleId :

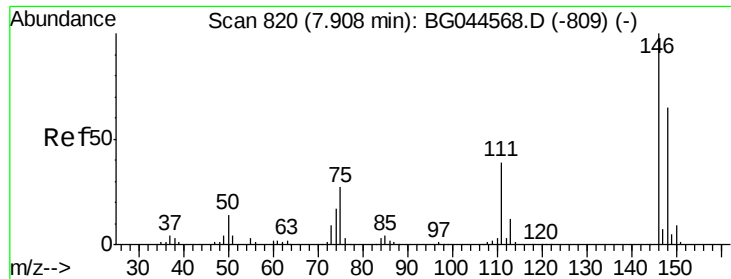
Tot Ion: 93 Resp: 183120
Ion Ratio Lower Upper
93 100
63 71.4 48.9 88.9
95 32.9 11.3 51.3



#12
1,3-Dichlorobenzene
Concen: 51.808 ng
RT: 7.69 min Scan# 784
Delta R.T. -0.07 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion: 146 Resp: 210422
Ion Ratio Lower Upper
146 100
148 64.5 50.6 75.8
75 29.1 21.4 32.0

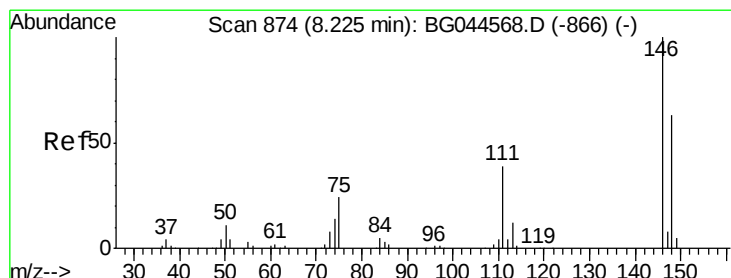
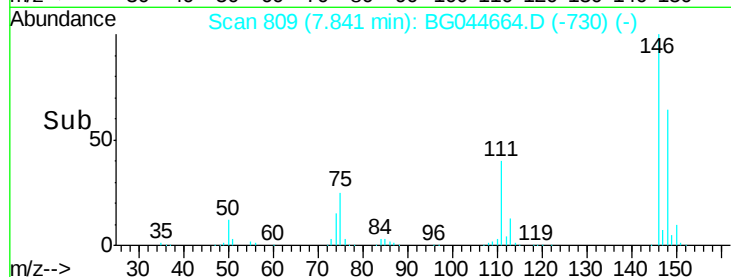
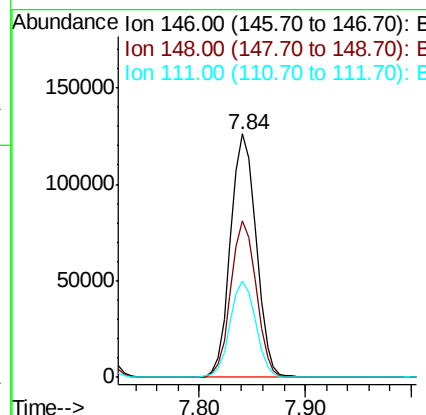
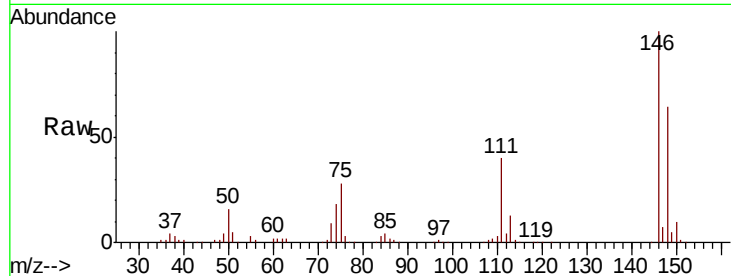




#13
 1,4-Dichlorobenzene
 Concen: 51.814 ng
 RT: 7.84 min Scan# 809
 Delta R.T. -0.07 min
 Lab File: BG044664.D
 Acq: 3 Mar 2020 16:04

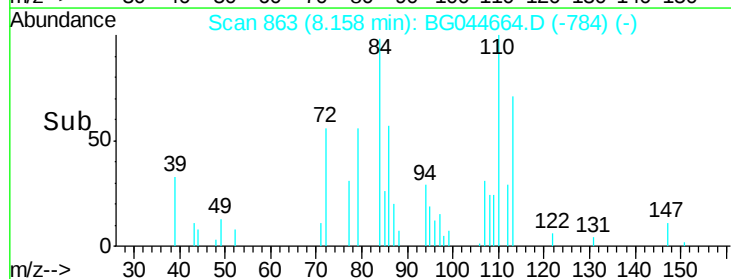
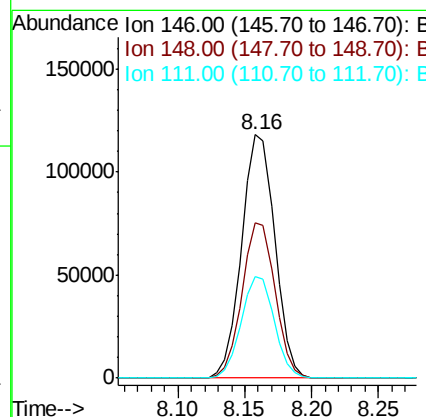
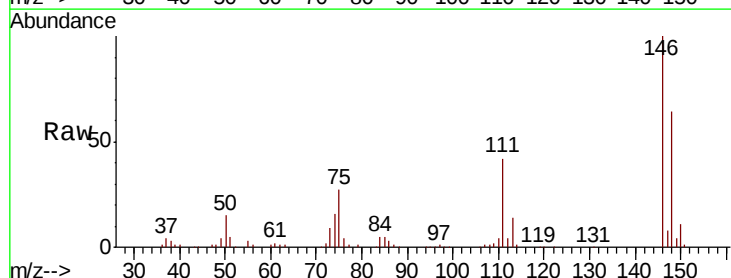
Instrument :
 BNA_G
 ClientSampleId :

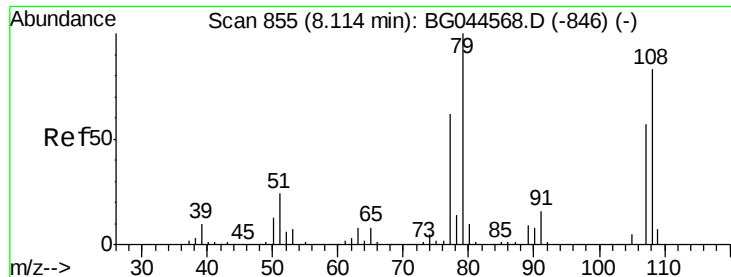
Tot Ion:146 Resp: 211499
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.9 77.9
 111 39.5 30.8 46.2



#14
 1,2-Dichlorobenzene
 Concen: 52.490 ng
 RT: 8.16 min Scan# 863
 Delta R.T. -0.07 min
 Lab File: BG044664.D
 Acq: 3 Mar 2020 16:04

Tgt Ion:146 Resp: 203754
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.7 76.1
 111 41.5 31.8 47.6





#15

Benzyl Alcohol

Concen: 58.012 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.07 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

ClientSampleId :

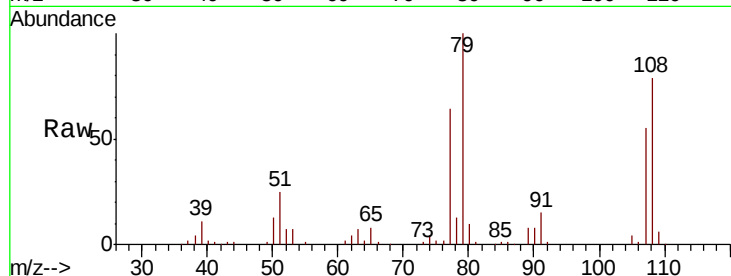
Tot Ion: 79 Resp: 167063

Ion Ratio Lower Upper

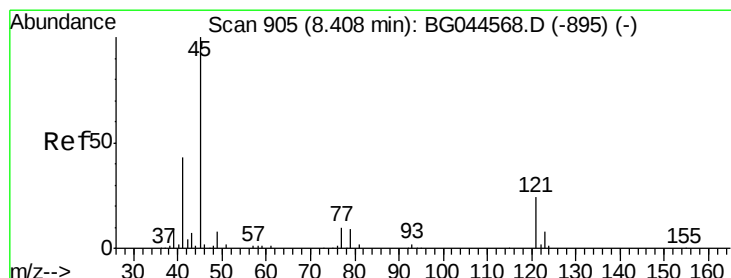
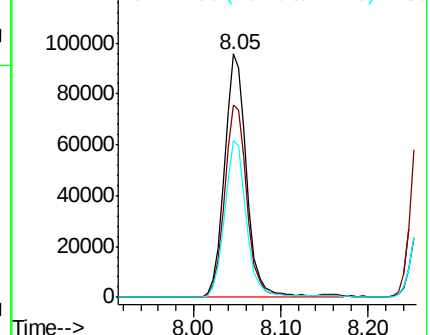
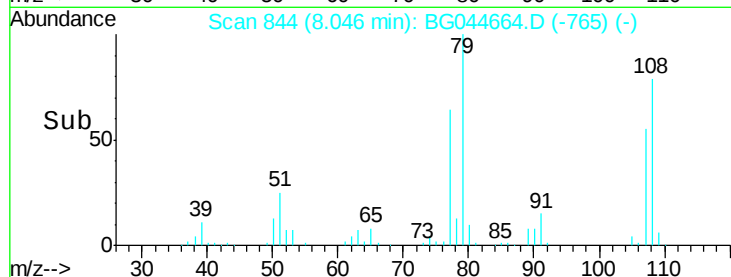
79 100

108 78.8 66.0 99.0

77 64.3 49.6 74.4



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 51.150 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.06 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

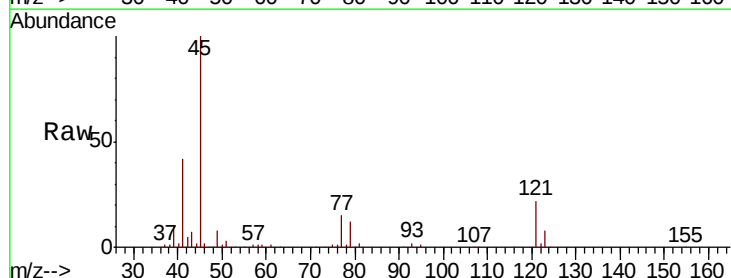
Tgt Ion: 45 Resp: 239136

Ion Ratio Lower Upper

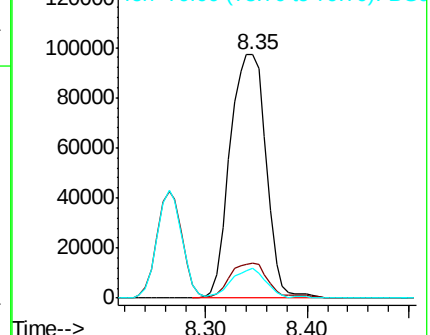
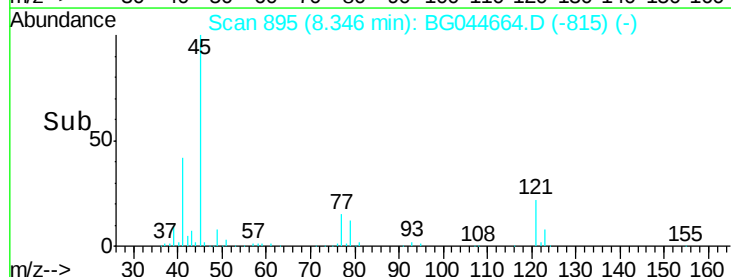
45 100

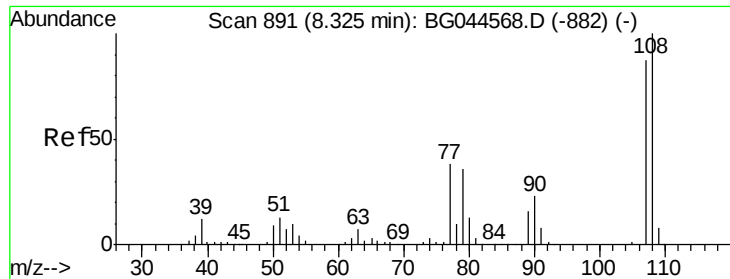
77 14.5 0.0 34.4

79 12.5 0.0 32.3



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

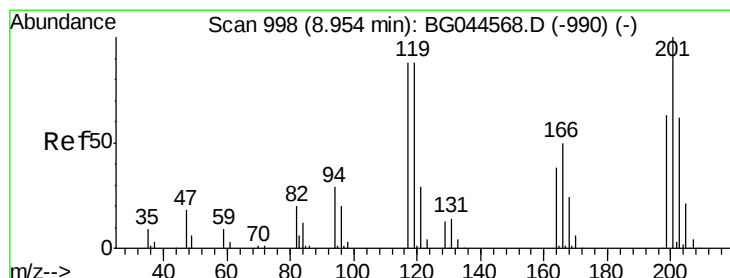
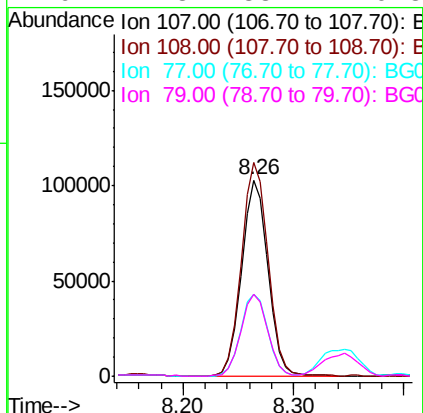
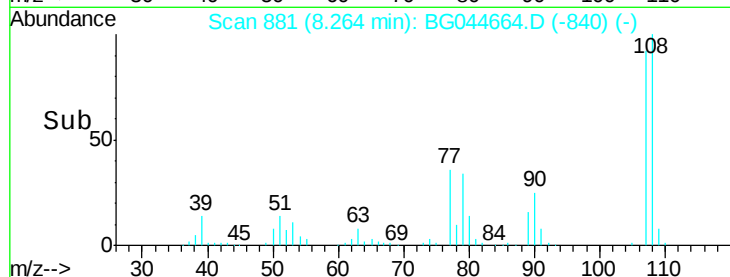
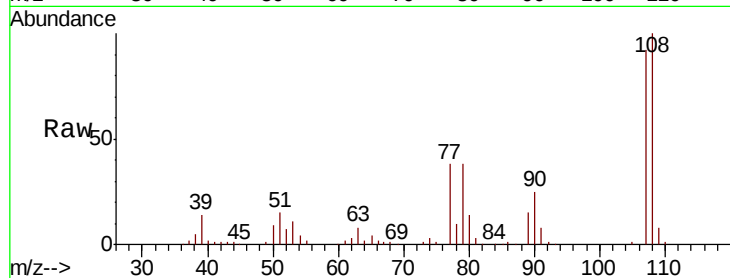




#17
2-Methylphenol
Concen: 58.568 ng
RT: 8.26 min Scan# 881
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

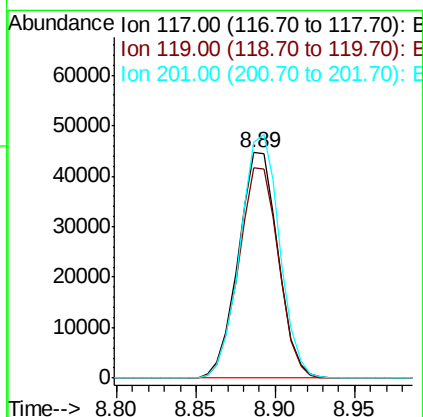
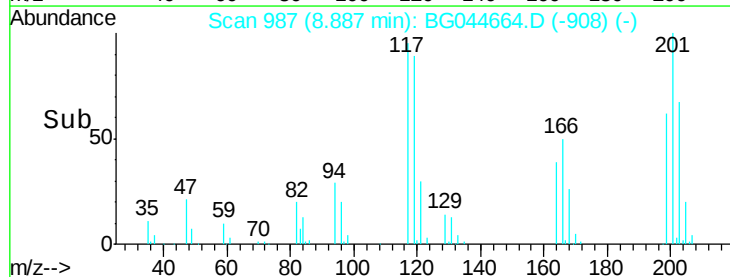
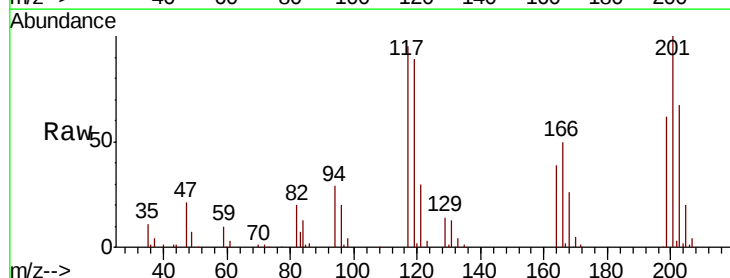
Instrument :
BNA_G
ClientSampleId :

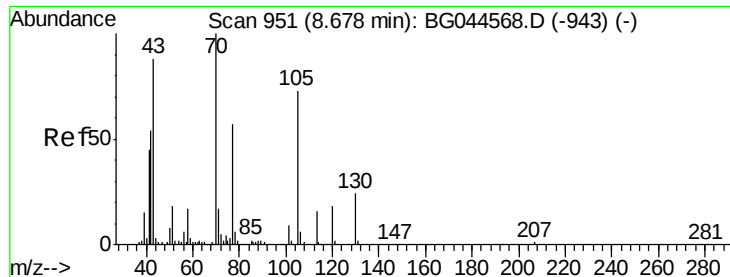
Tot Ion	Ratio	Lower	Upper
107	100		
108	108.9	91.7	137.5
77	41.6	35.1	52.7
79	41.8	33.2	49.8



#18
Hexachloroethane
Concen: 52.022 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.07 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	80.0	120.0
201	104.9	90.5	135.7

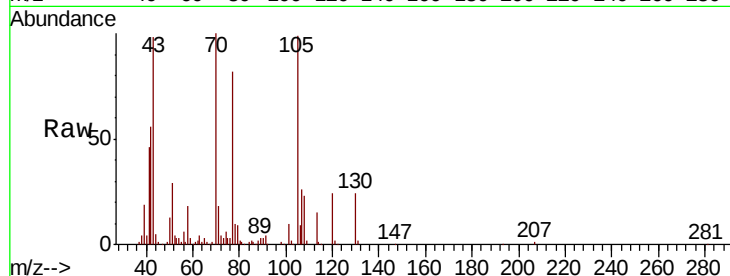




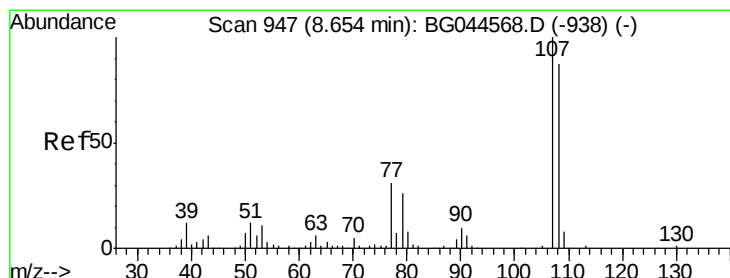
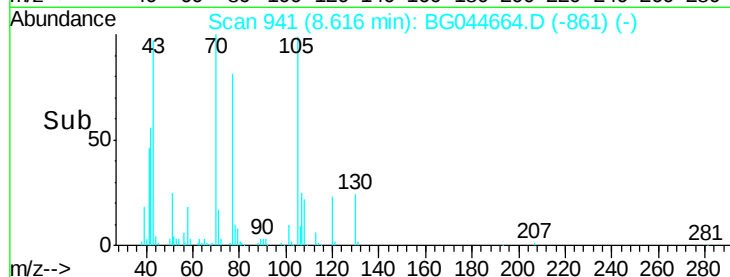
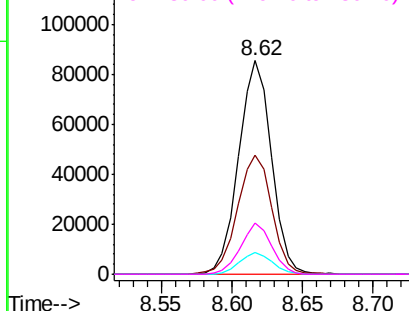
#19
n-Nitroso-di-n-propylamine
Concen: 50.524 ng
RT: 8.62 min Scan# 941
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	138677
Ion	Ratio	Lower	Upper
70	100		
42	55.9	43.4	65.0
101	10.2	7.5	11.3
130	23.8	18.9	28.3

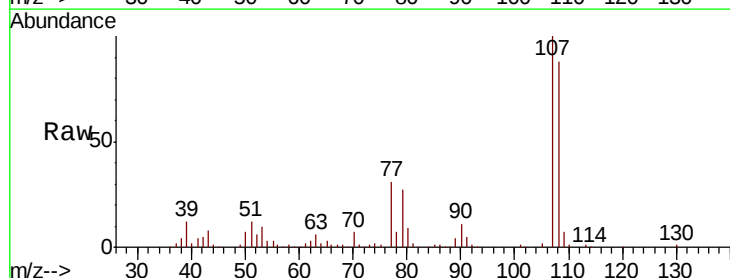


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

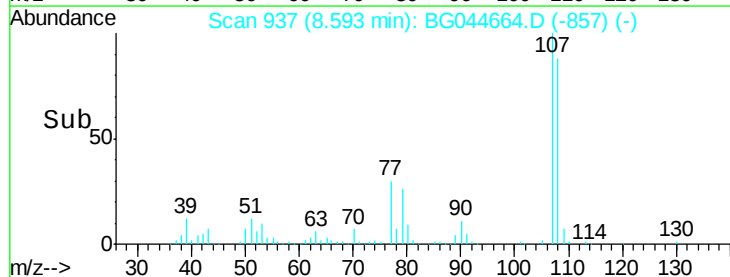
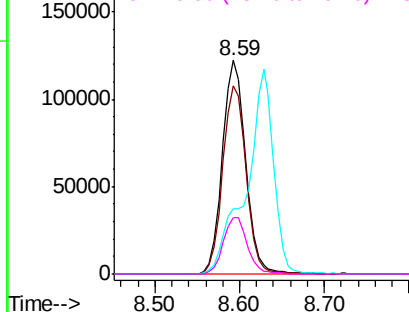


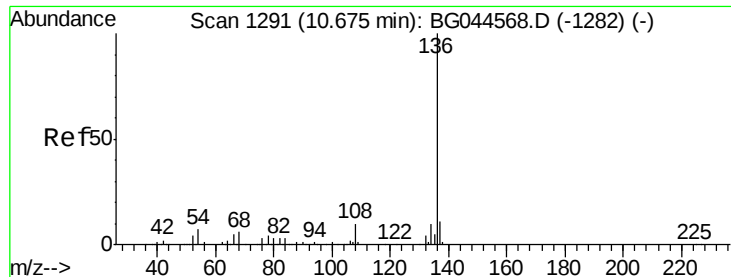
#20
3+4-Methylphenols
Concen: 57.548 ng
RT: 8.59 min Scan# 937
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion:	107	Resp:	232909
Ion	Ratio	Lower	Upper
107	100		
108	88.4	67.5	107.5
77	30.8	11.3	51.3
79	26.6	6.4	46.4



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1280

Delta R.T. -0.07 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 212444

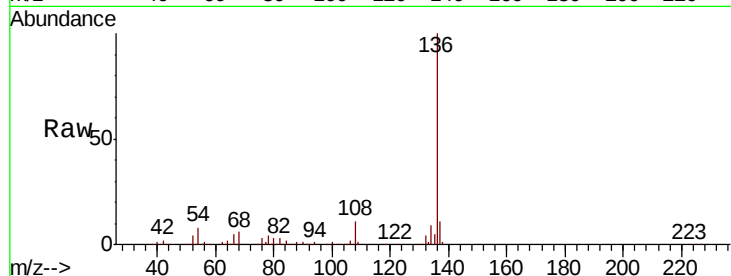
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 7.7 5.7 8.5

68 5.7 4.5 6.7

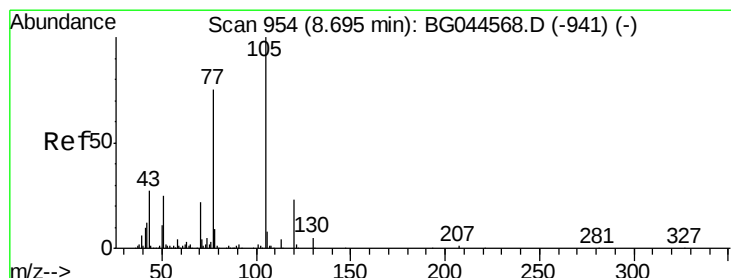
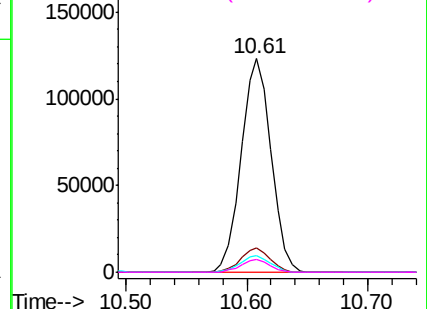
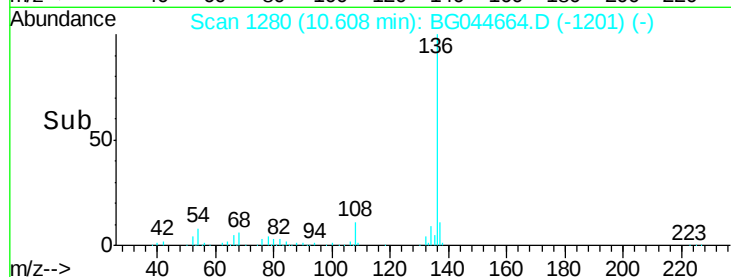


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 49.554 ng

RT: 8.63 min Scan# 943

Delta R.T. -0.07 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Tgt Ion:105 Resp: 264310

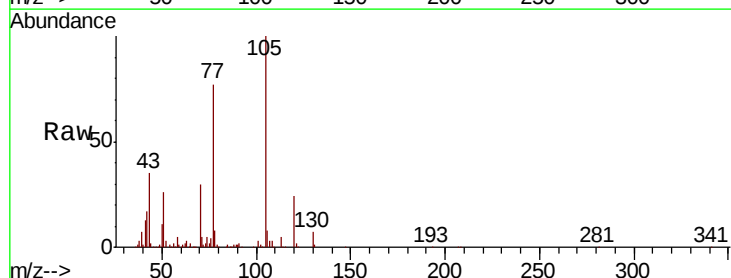
Ion Ratio Lower Upper

105 100

71 5.0 2.8 4.2#

51 25.6 19.9 29.9

120 23.6 18.6 28.0

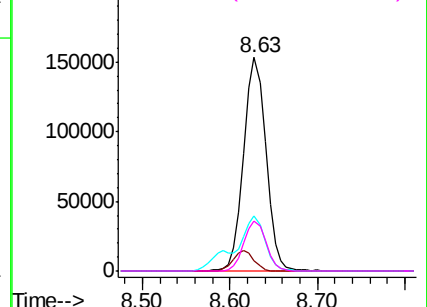
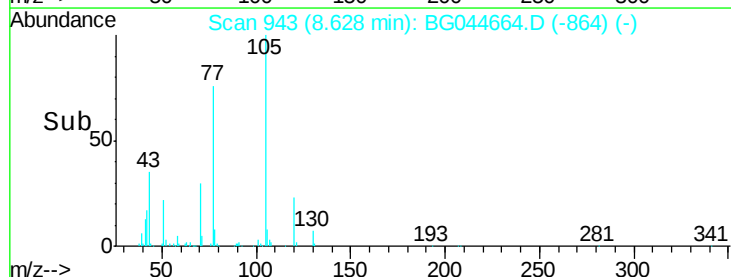


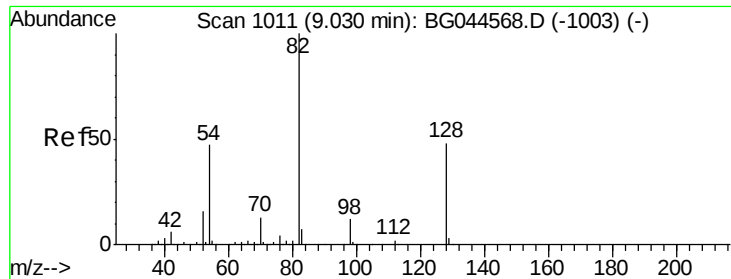
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

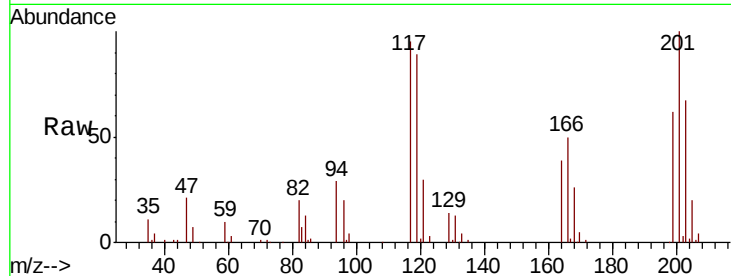




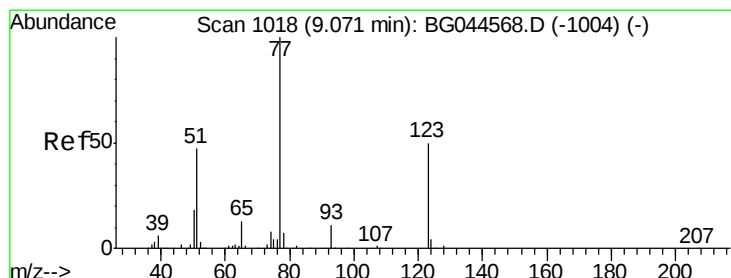
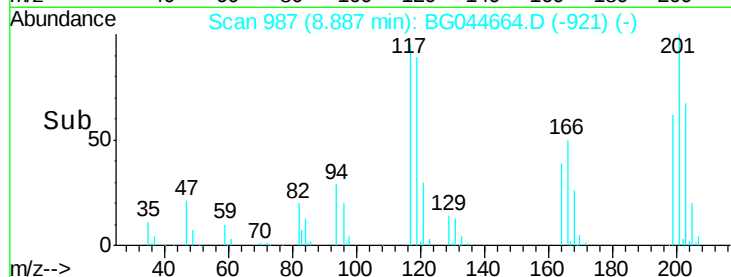
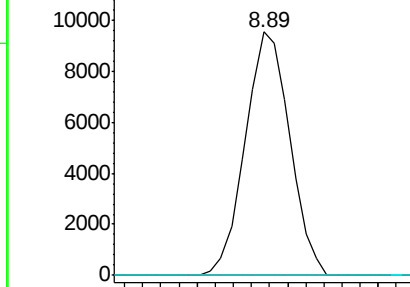
#23
Nitrobenzene-d5
Concen: 3.958 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.14 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 16322
Ion Ratio Lower Upper
82 100
128 0.0 38.1 57.1#
54 0.0 37.5 56.3#

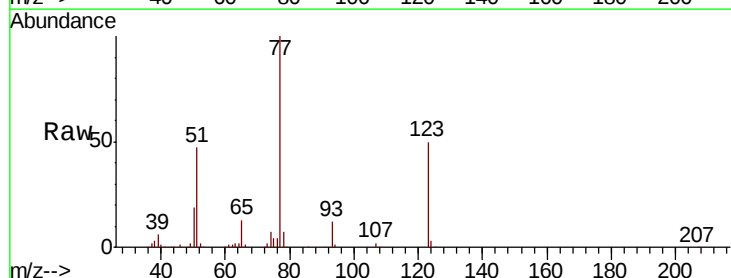


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

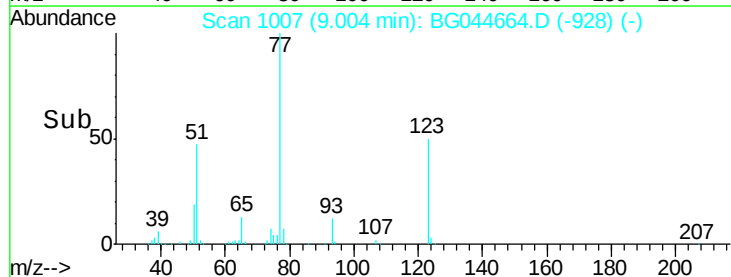
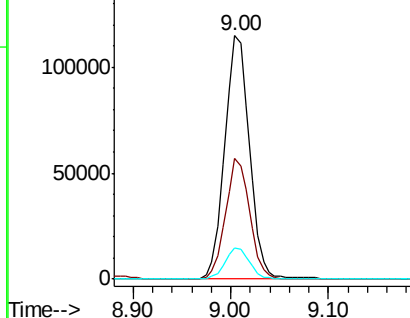


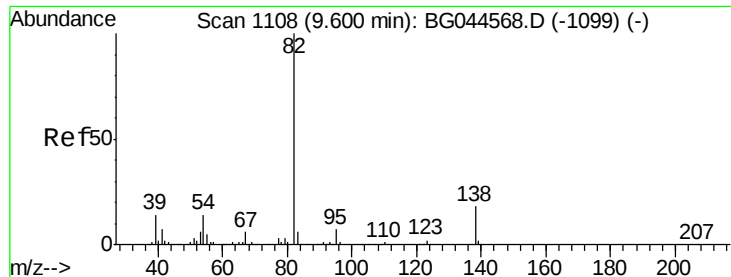
#24
Nitrobenzene
Concen: 50.712 ng
RT: 9.00 min Scan# 1007
Delta R.T. -0.07 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion: 77 Resp: 202599
Ion Ratio Lower Upper
77 100
123 49.8 40.1 60.1
65 12.6 10.4 15.6



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





#25

Isophorone

Concen: 50.515 ng

RT: 9.53 min Scan# 1097

Delta R.T. -0.07 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

ClientSampleId :

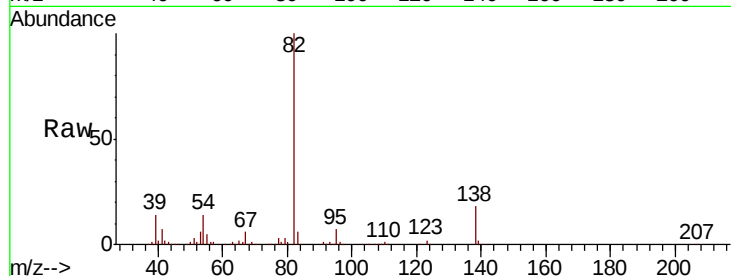
Tot Ion: 82 Resp: 389686

Ion Ratio Lower Upper

82 100

95 7.5 5.6 8.4

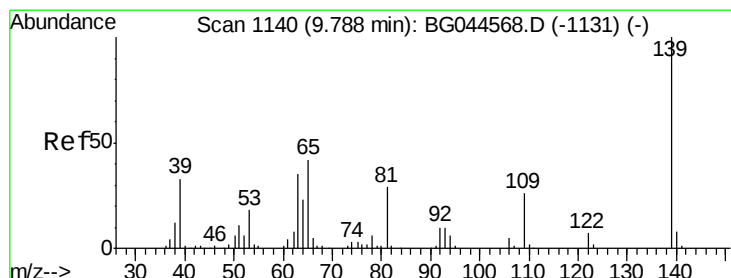
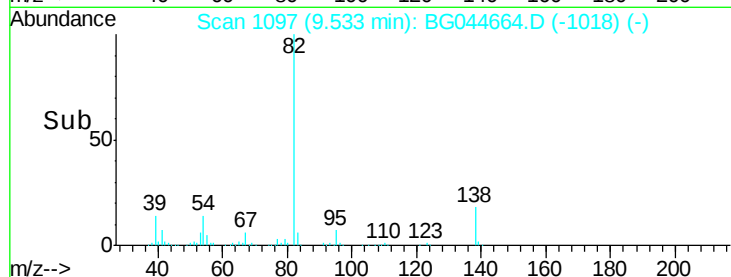
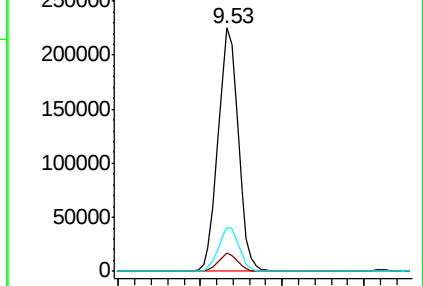
138 18.1 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BG044664.D (-1097) (-)

Ion 95.00 (94.70 to 95.70): BG044664.D (-1097) (-)

Ion 138.00 (137.70 to 138.70): BG044664.D (-1097) (-)



#26

2-Nitrophenol

Concen: 52.496 ng

RT: 9.72 min Scan# 1129

Delta R.T. -0.07 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

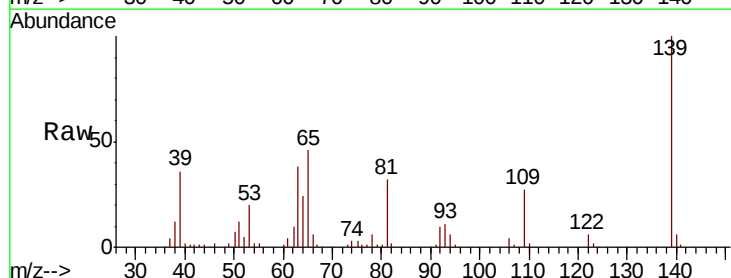
Tgt Ion: 139 Resp: 113739

Ion Ratio Lower Upper

139 100

109 27.4 20.6 31.0

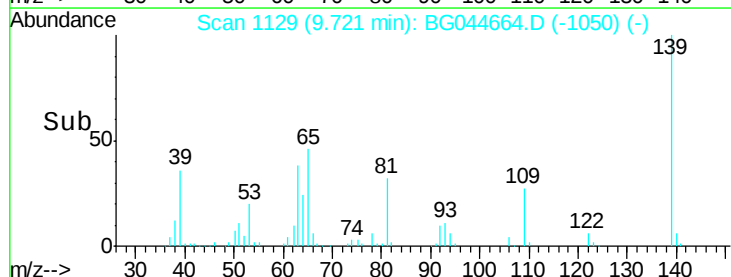
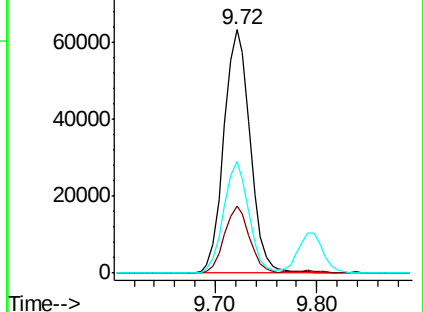
65 45.9 33.3 49.9

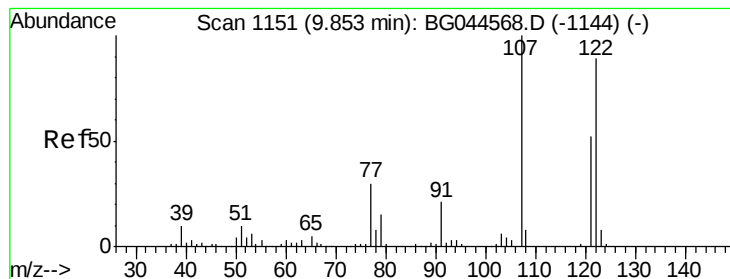


Abundance Ion 139.00 (138.70 to 139.70): BG044664.D (-1129) (-)

Ion 109.00 (108.70 to 109.70): BG044664.D (-1129) (-)

Ion 65.00 (64.70 to 65.70): BG044664.D (-1129) (-)





#27

2,4-Dimethylphenol

Concen: 62.843 ng

RT: 9.79 min Scan# 1141

Delta R.T. -0.06 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

ClientSampleId :

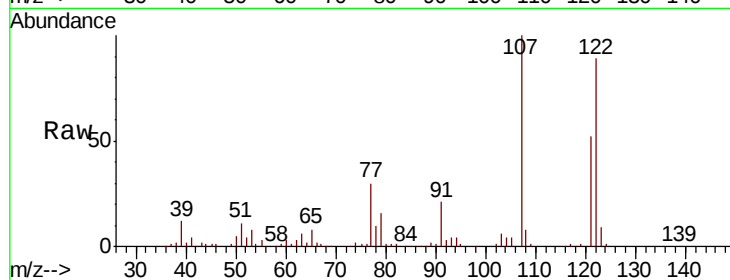
Tot Ion:122 Resp: 191178

Ion Ratio Lower Upper

122 100

107 112.3 89.4 134.0

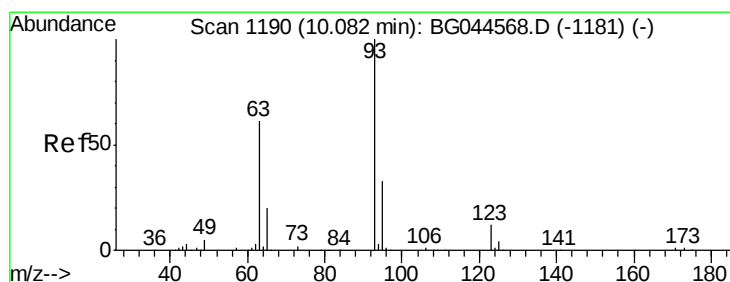
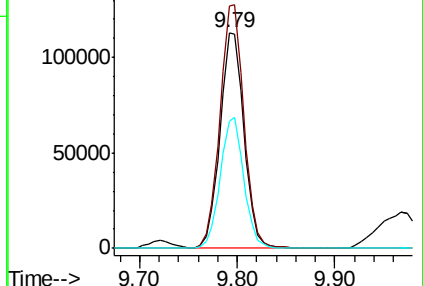
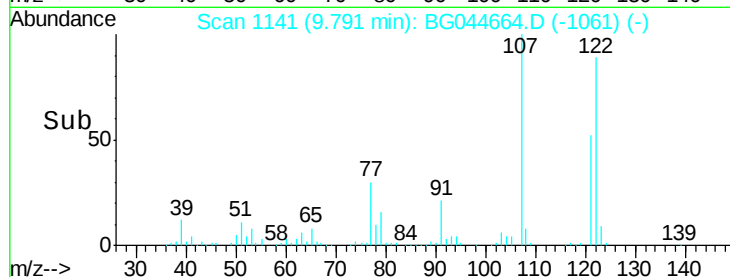
121 58.6 46.5 69.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.185 ng

RT: 10.02 min Scan# 1180

Delta R.T. -0.06 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

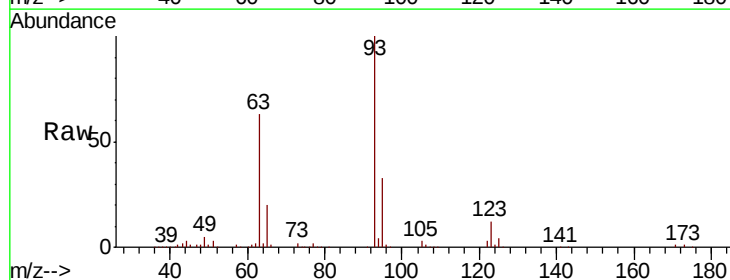
Tgt Ion: 93 Resp: 245810

Ion Ratio Lower Upper

93 100

95 33.5 26.5 39.7

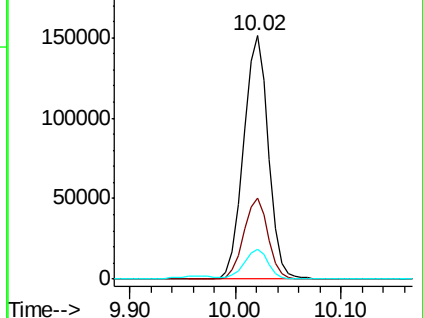
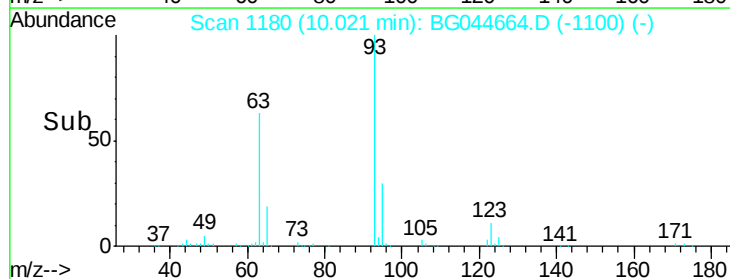
123 12.1 9.7 14.5

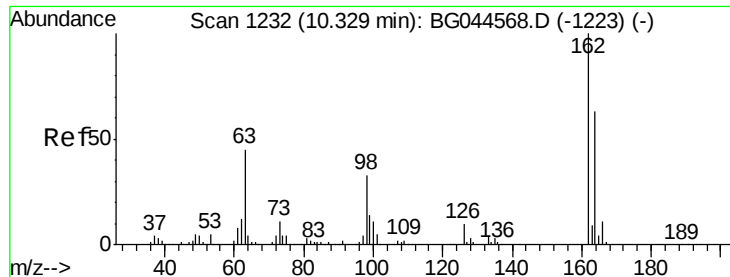


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

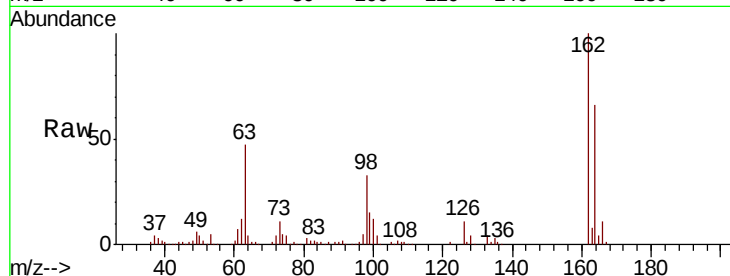




#29
 2,4-Dichlorophenol
 Concen: 55.465 ng
 RT: 10.27 min Scan# 1222
 Delta R.T. -0.06 min
 Lab File: BG044664.D
 Acq: 3 Mar 2020 16:04

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.3	43.2	83.2
98	33.2	13.2	53.2

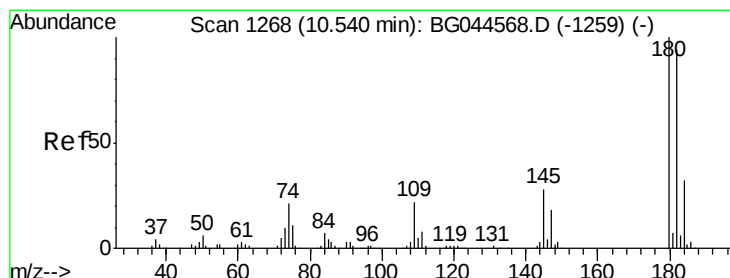
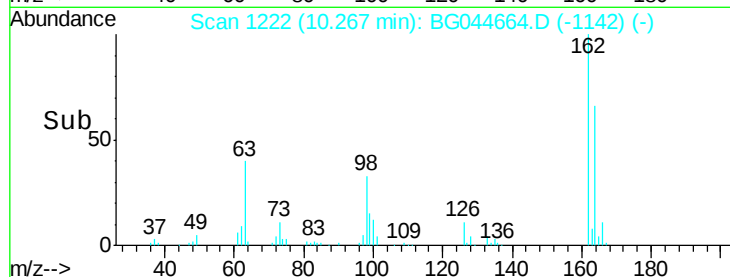
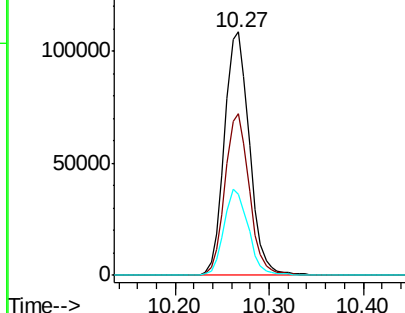


Abundance

Ion 162.00 (161.70 to 162.70): E

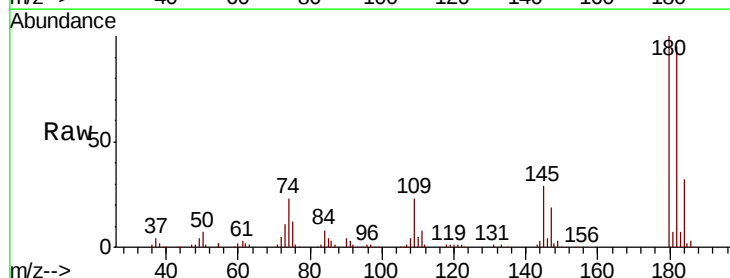
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 47.119 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.07 min
 Lab File: BG044664.D
 Acq: 3 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.6	113.4
145	28.6	22.2	33.2

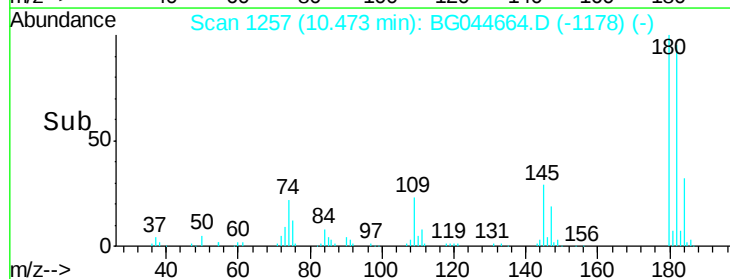
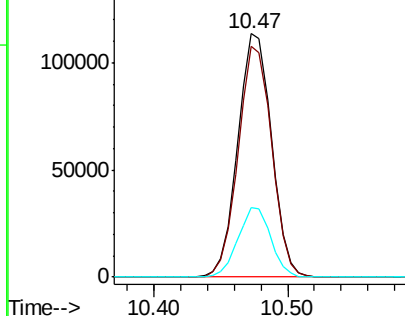


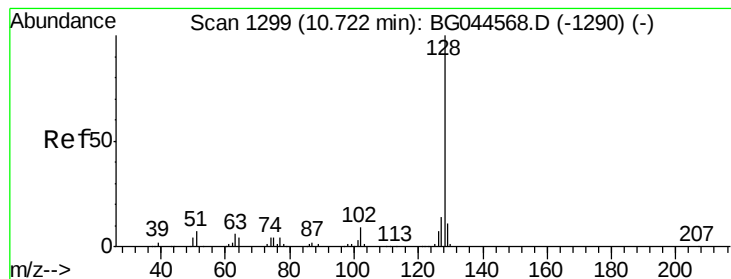
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 49.569 ng

RT: 10.66 min Scan# 1288

Delta R.T. -0.07 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

ClientSampleId :

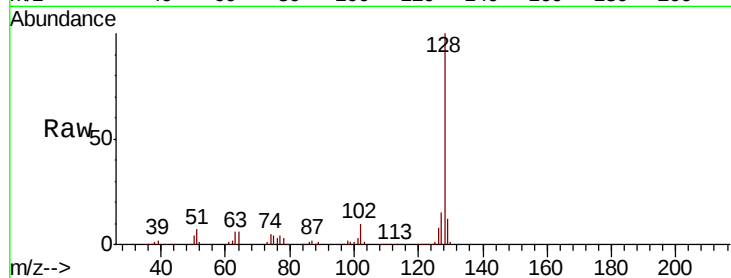
Tot Ion:128 Resp: 574622

Ion Ratio Lower Upper

128 100

129 11.8 9.0 13.6

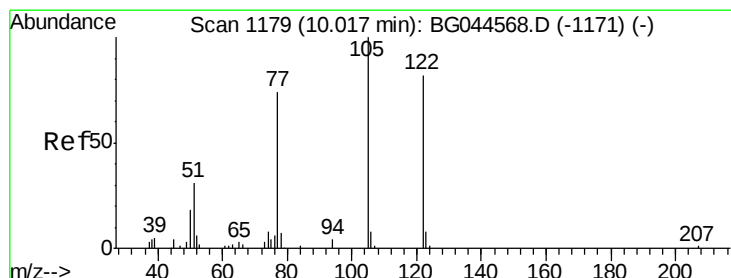
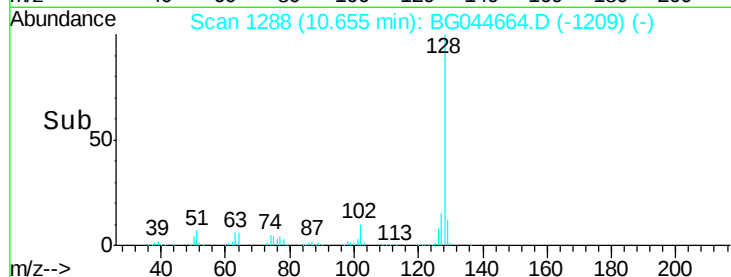
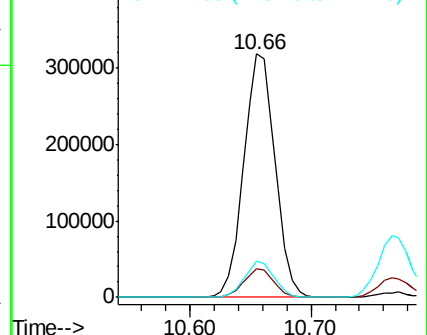
127 14.7 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 55.263 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.05 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

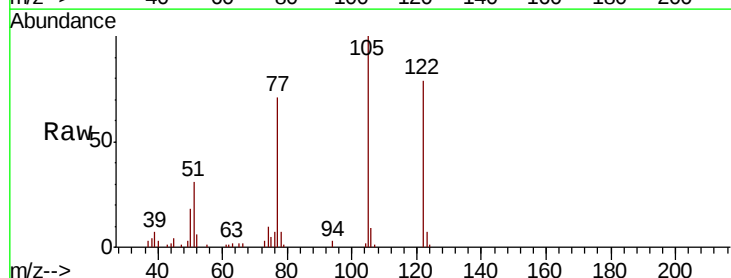
Tgt Ion:122 Resp: 70357

Ion Ratio Lower Upper

122 100

105 125.9 101.4 141.4

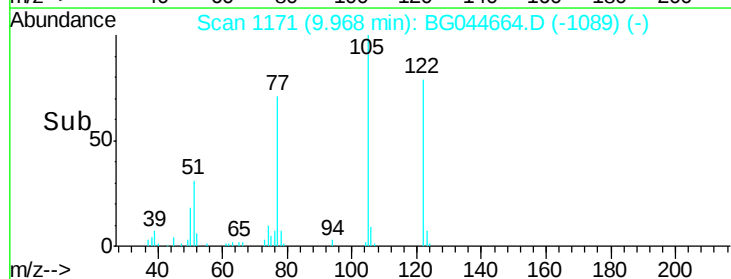
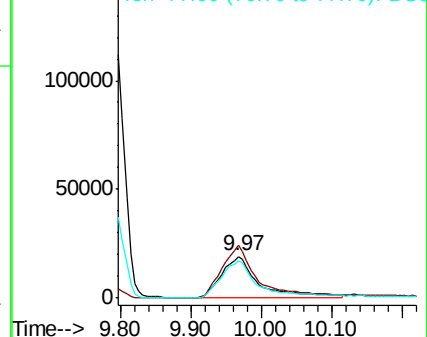
77 88.9 69.8 109.8

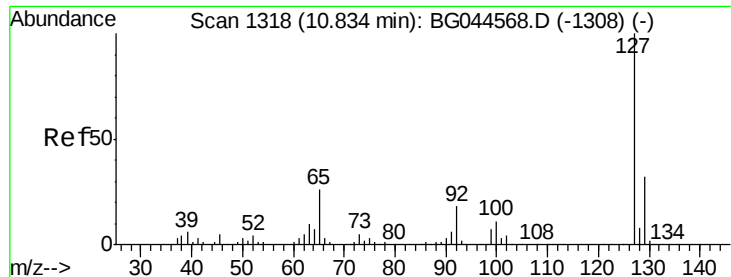


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

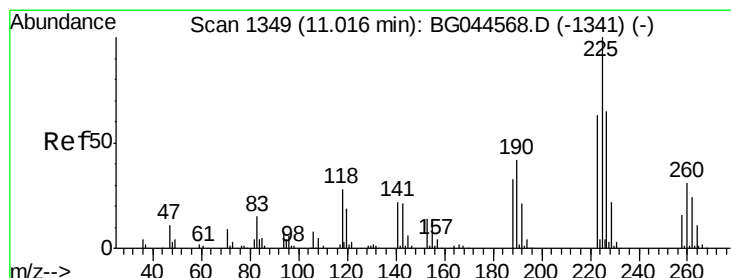
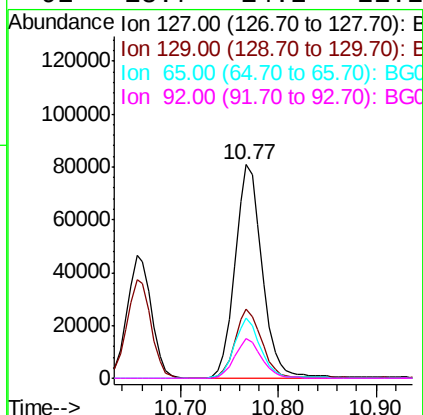
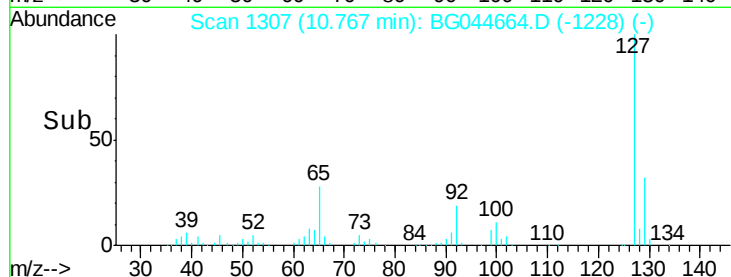
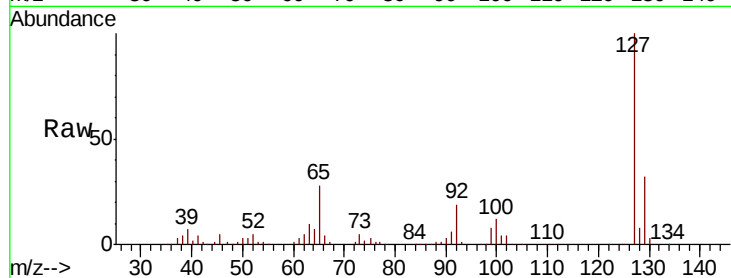




#33
4-Chloroaniline
Concen: 30.568 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.07 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

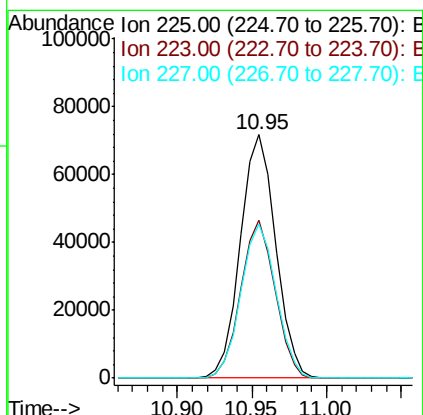
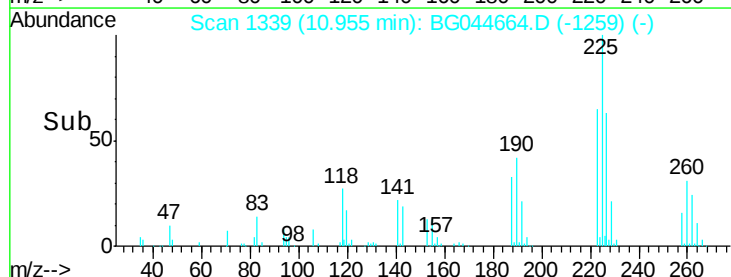
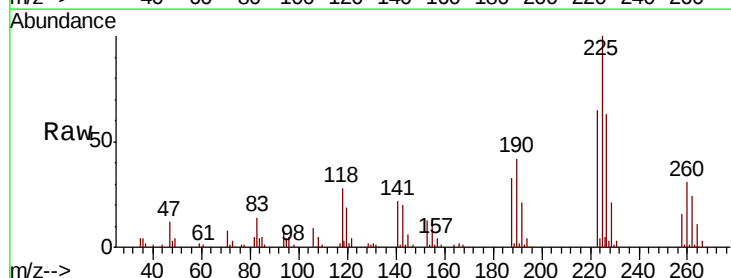
Instrument :
BNA_G
ClientSampled :

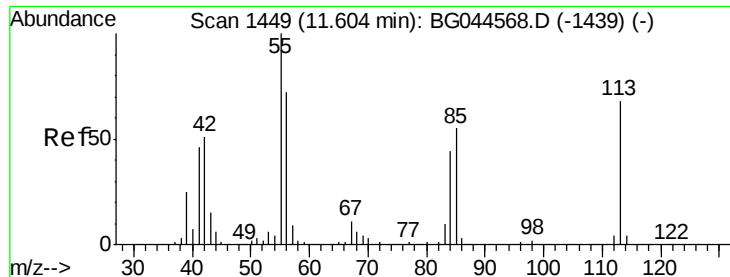
Tot Ion:	127	Resp:	156075
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	28.5	20.7	31.1
92	18.7	14.2	21.2



#34
Hexachlorobutadiene
Concen: 44.619 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion:	225	Resp:	117863
Ion	Ratio	Lower	Upper
225	100		
223	65.0	50.6	76.0
227	63.3	52.1	78.1





#35

Caprolactam

Concen: 32.050 ng

RT: 11.54 min Scan# 1438

Delta R.T. -0.07 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

ClientSampleId :

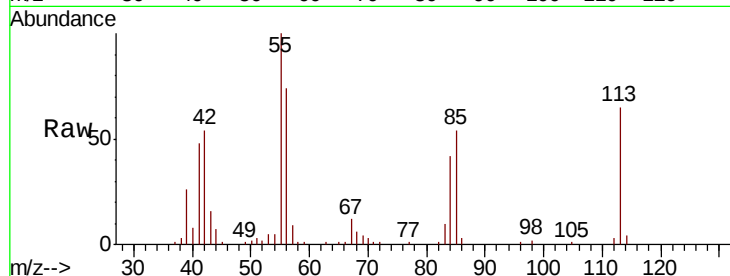
Tot Ion:113 Resp: 41730

Ion Ratio Lower Upper

113 100

55 153.9 127.8 167.8

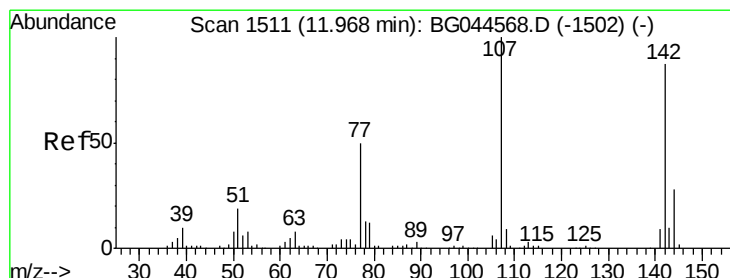
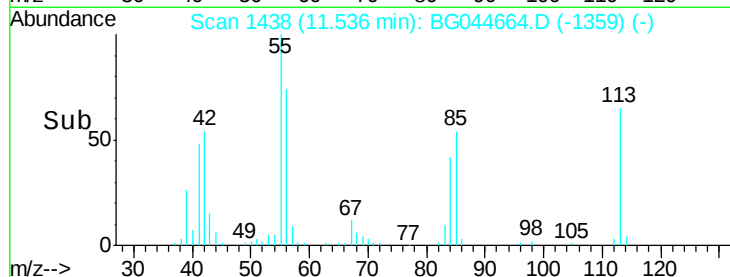
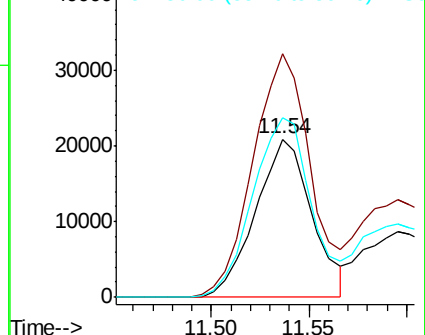
56 113.7 86.9 126.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 56.496 ng

RT: 11.91 min Scan# 1502

Delta R.T. -0.06 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

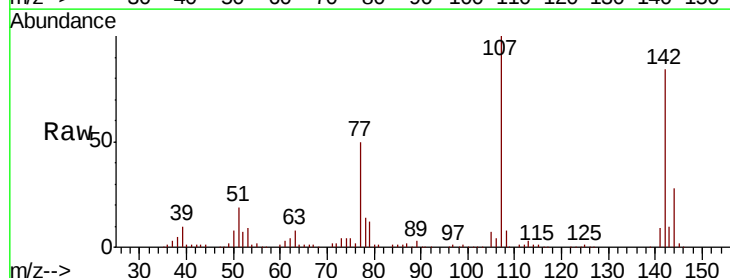
Tgt Ion:107 Resp: 211508

Ion Ratio Lower Upper

107 100

144 27.6 22.3 33.5

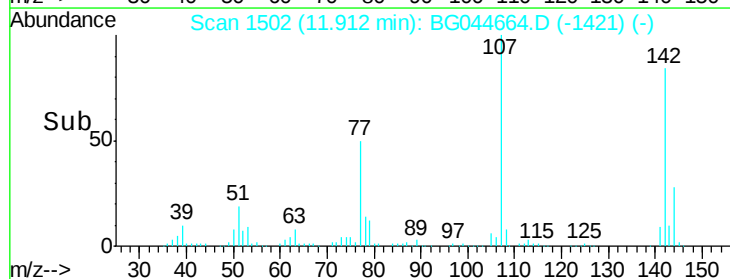
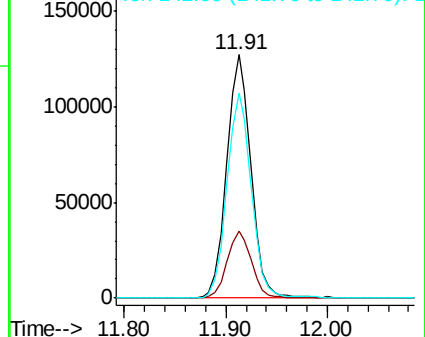
142 84.3 69.3 103.9

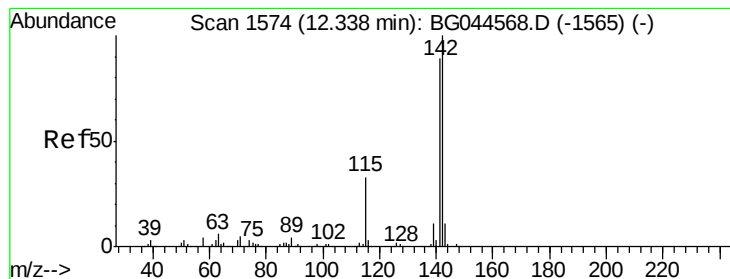


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 50.251 ng

RT: 12.28 min Scan# 1564

Delta R.T. -0.06 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

ClientSampleId :

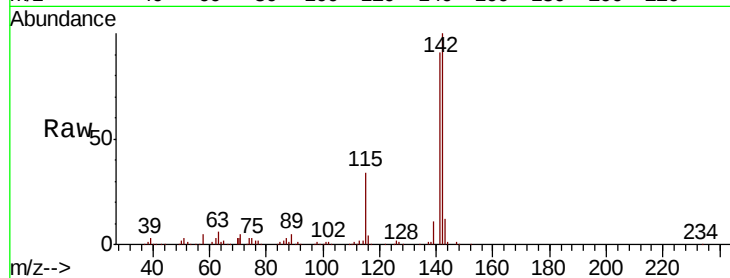
Tot Ion:142 Resp: 430523

Ion Ratio Lower Upper

142 100

141 90.7 71.3 106.9

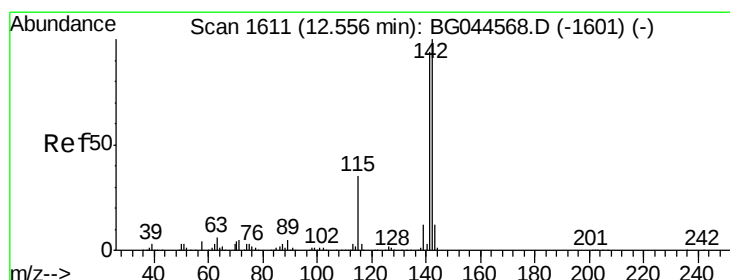
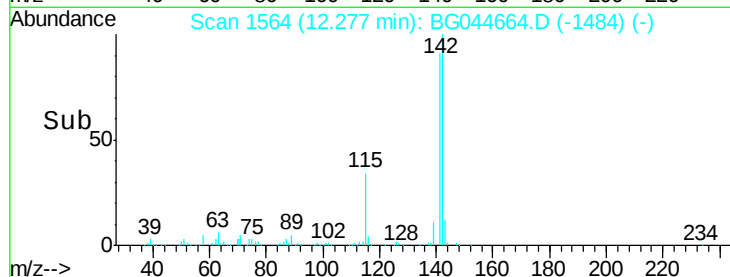
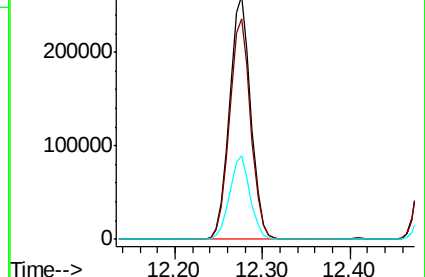
115 34.3 26.2 39.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 50.174 ng

RT: 12.49 min Scan# 1601

Delta R.T. -0.06 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

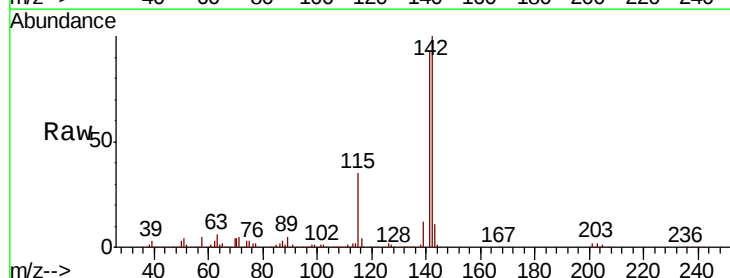
Tgt Ion:142 Resp: 408454

Ion Ratio Lower Upper

142 100

141 92.9 75.1 112.7

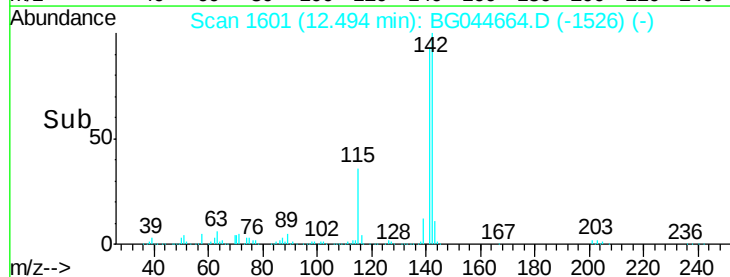
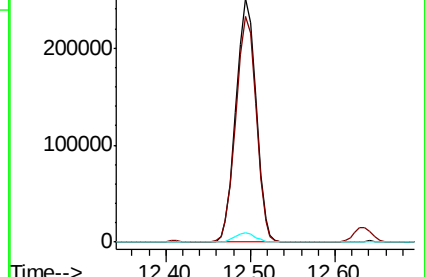
116 3.7 2.6 4.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.06 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

ClientSampleId :

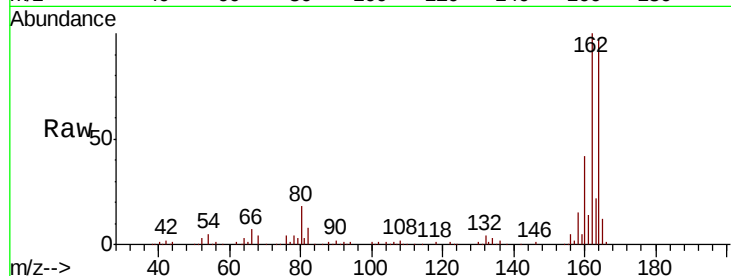
Tot Ion:164 Resp: 146044

Ion Ratio Lower Upper

164 100

162 103.3 83.6 125.4

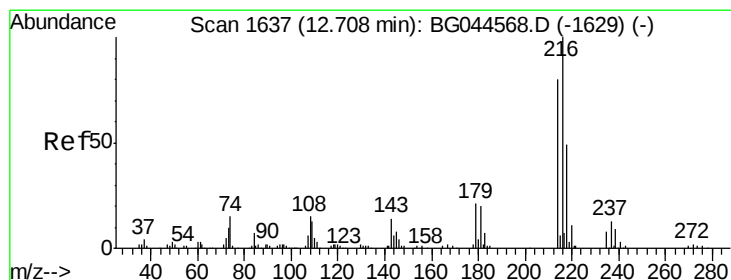
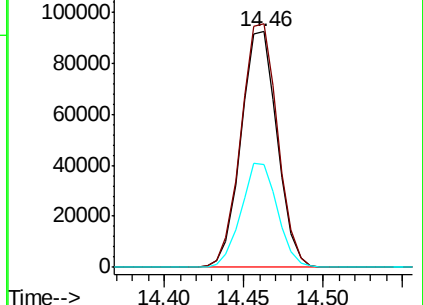
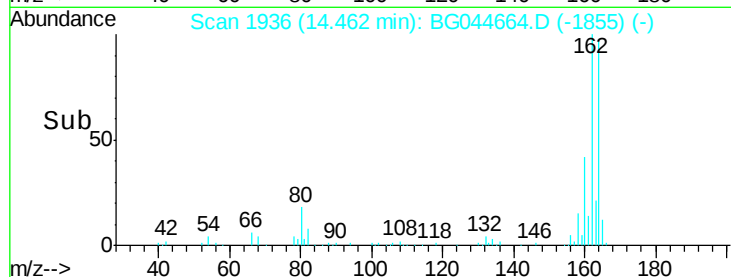
160 43.6 36.2 54.4



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: 44.290 ng

RT: 12.65 min Scan# 1628

Delta R.T. -0.06 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Tgt Ion:216 Resp: 217756

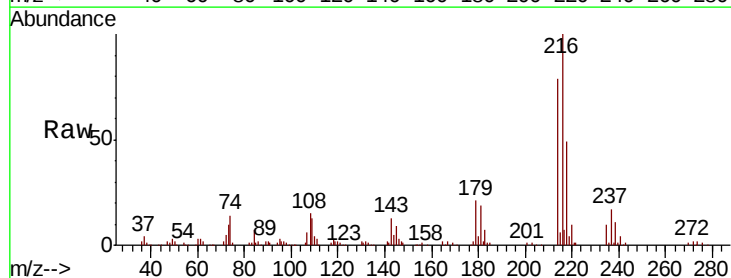
Ion Ratio Lower Upper

216 100

214 79.8 63.3 94.9

179 20.3 16.2 24.2

108 17.6 12.6 18.8

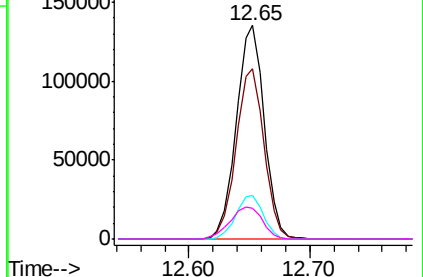
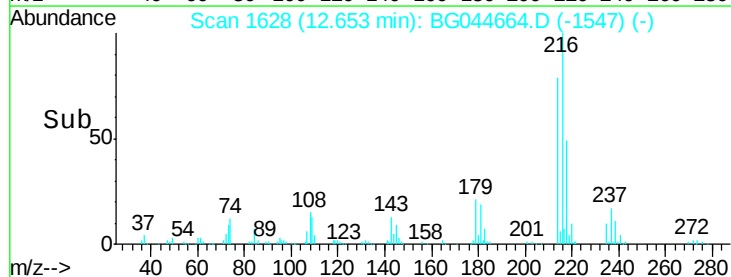


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 89.780 ng

RT: 12.64 min Scan# 1625

Delta R.T. -0.05 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

ClientSampleId :

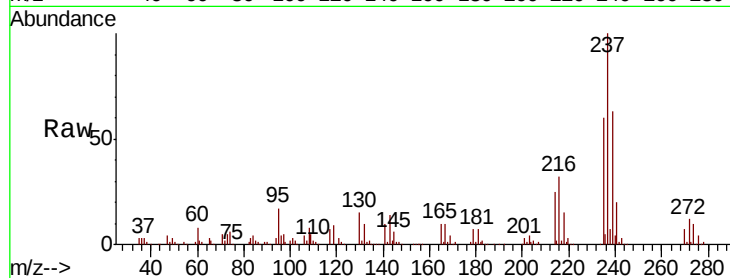
Tot Ion:237 Resp: 213146

Ion Ratio Lower Upper

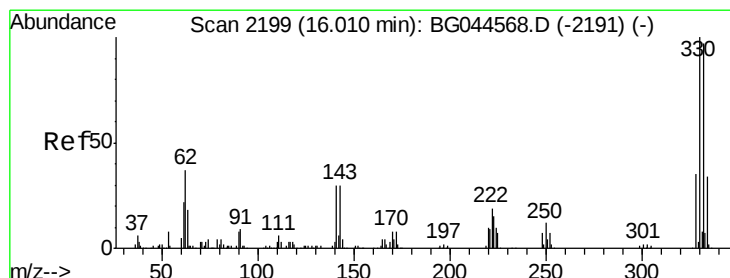
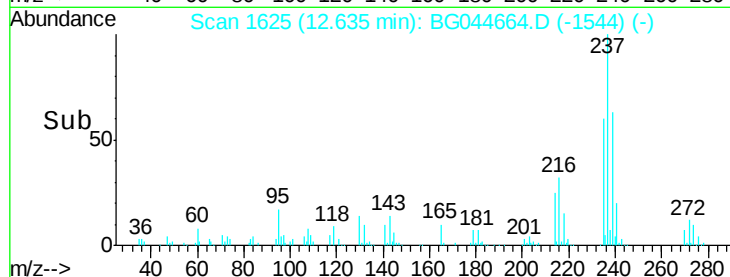
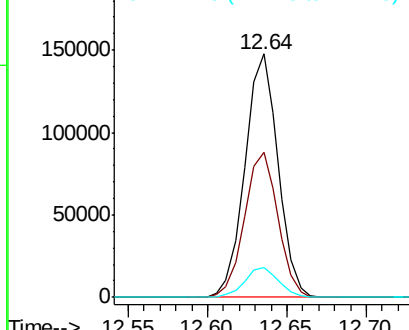
237 100

235 59.8 40.7 80.7

272 12.2 0.0 32.7



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



#42

2,4,6-Tribromophenol

Concen: 0.093 ng

RT: 15.95 min Scan# 2190

Delta R.T. -0.06 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

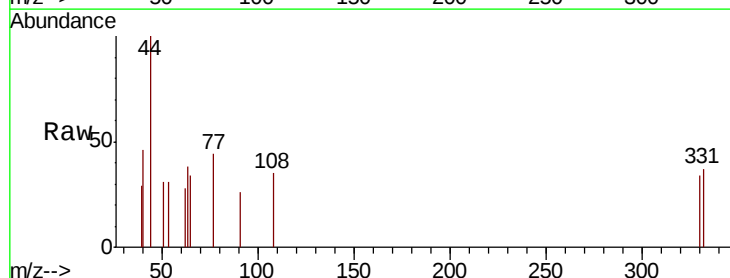
Tgt Ion:330 Resp: 192

Ion Ratio Lower Upper

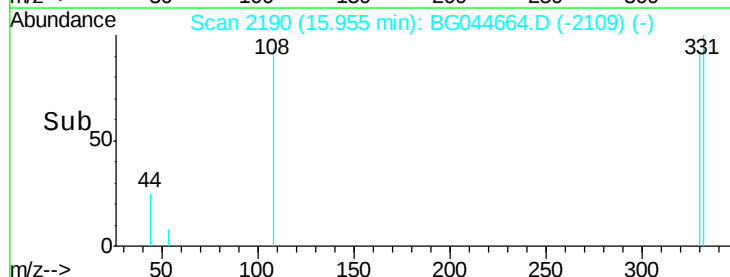
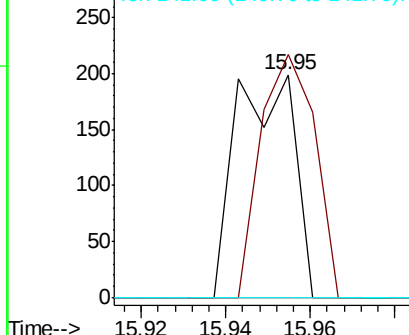
330 100

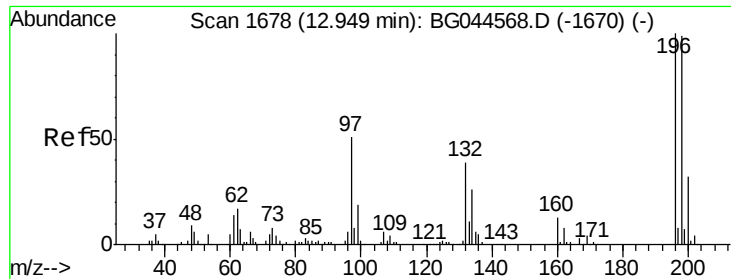
332 101.0 77.4 116.0

141 0.0 26.1 39.1#



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

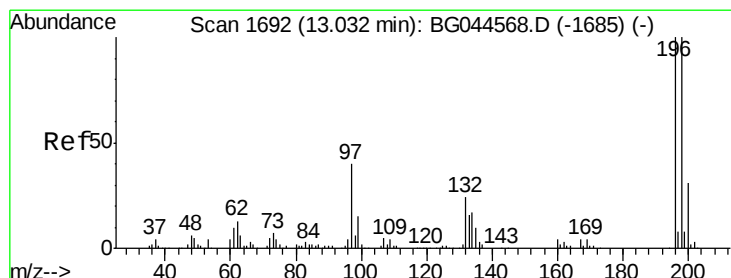
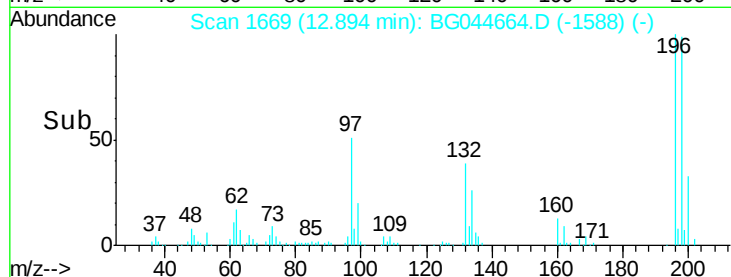
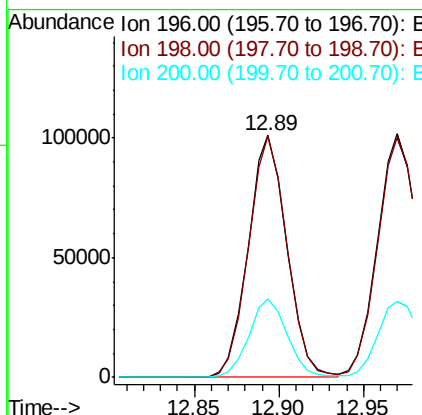
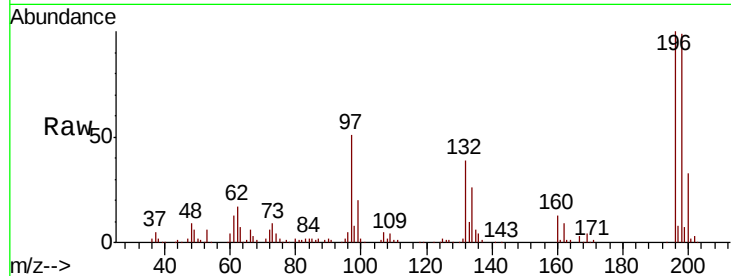




#43
 2,4,6-Trichlorophenol
 Concen: 50.290 ng
 RT: 12.89 min Scan# 1669
 Delta R.T. -0.06 min
 Lab File: BG044664.D
 Acq: 3 Mar 2020 16:04

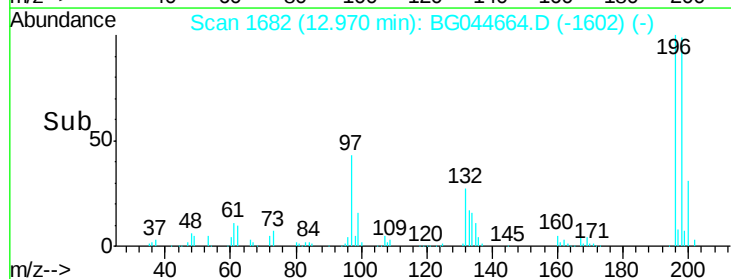
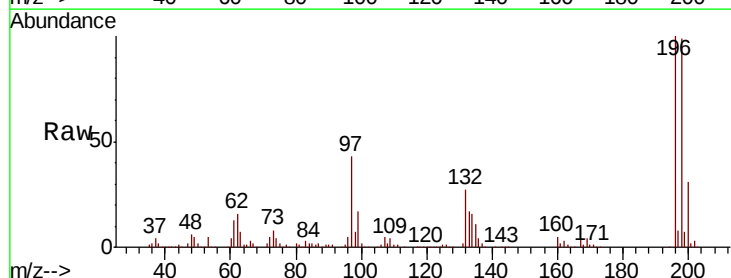
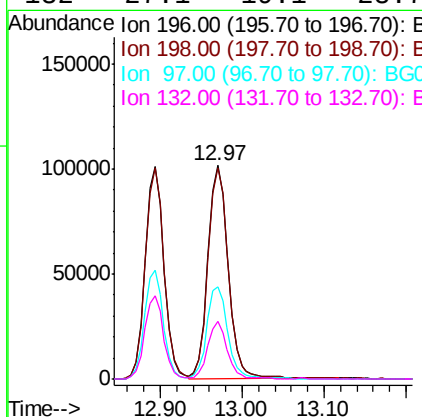
Instrument :
 BNA_G
 ClientSampleId :

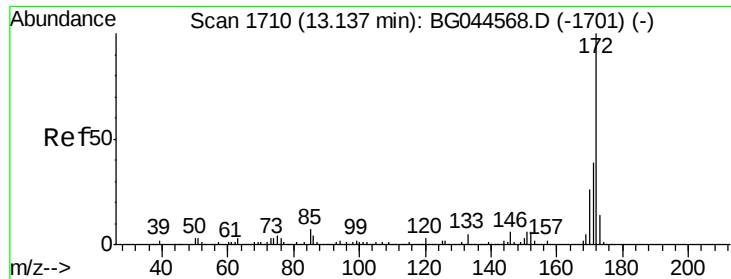
Tot Ion:196 Resp: 160544
 Ion Ratio Lower Upper
 196 100
 198 99.4 79.2 118.8
 200 32.6 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 53.871 ng
 RT: 12.97 min Scan# 1682
 Delta R.T. -0.06 min
 Lab File: BG044664.D
 Acq: 3 Mar 2020 16:04

Tgt Ion:196 Resp: 176663
 Ion Ratio Lower Upper
 196 100
 198 98.7 79.3 118.9
 97 43.4 32.3 48.5
 132 27.1 19.1 28.7

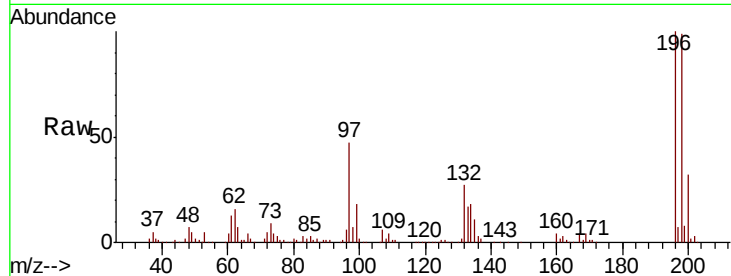




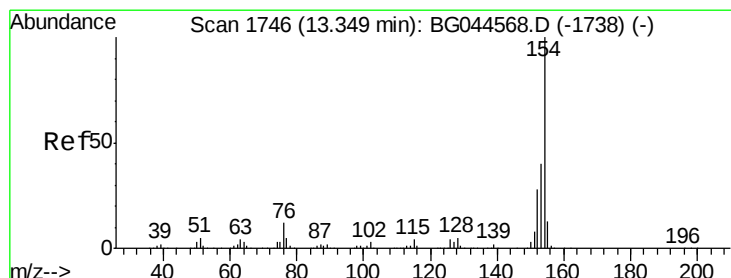
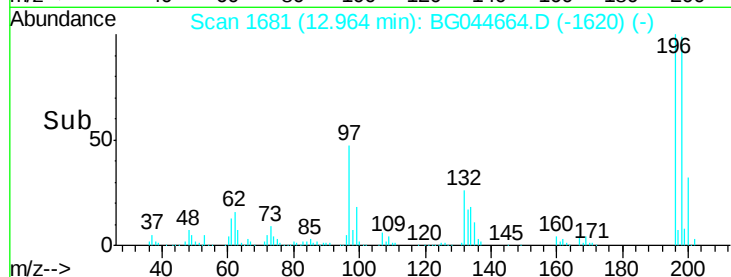
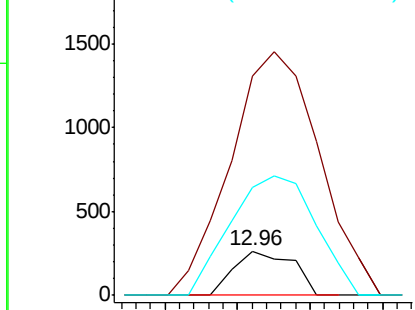
#45
2-Fluorobiphenyl
Concen: 0.029 ng
RT: 12.96 min Scan# 1681
Delta R.T. -0.17 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 299
Ion Ratio Lower Upper
172 100
171 496.6 31.3 46.9#
170 244.9 21.0 31.4#

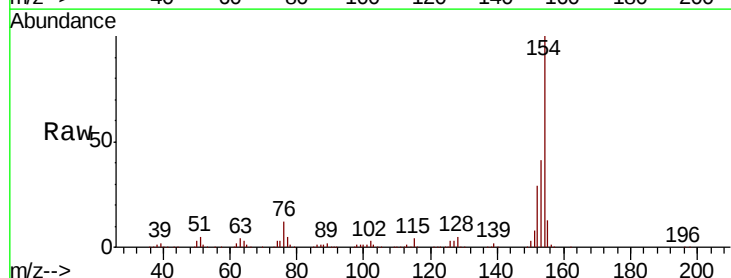


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

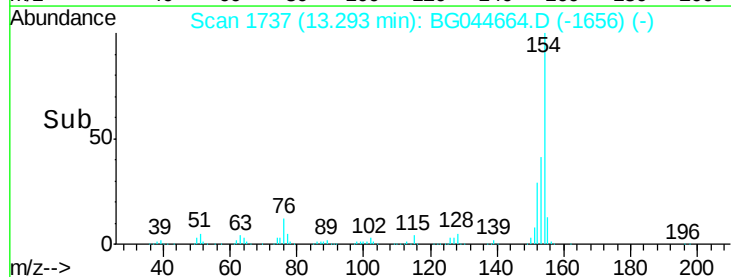
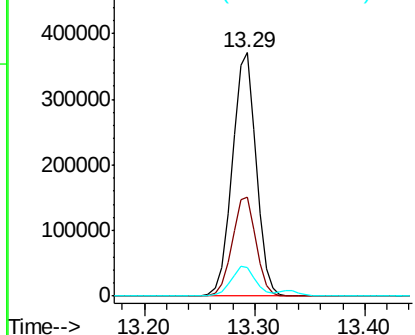


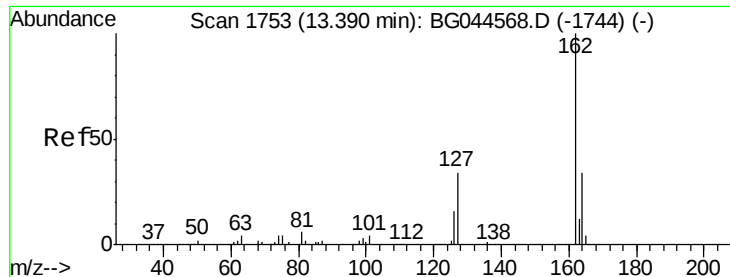
#46
1,1'-Biphenyl
Concen: 46.494 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion:154 Resp: 561913
Ion Ratio Lower Upper
154 100
153 40.7 20.2 60.2
76 11.9 0.0 31.8



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

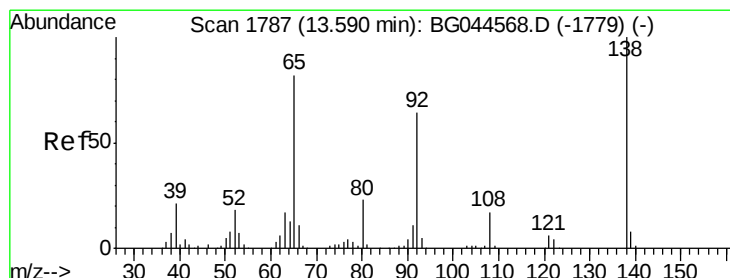
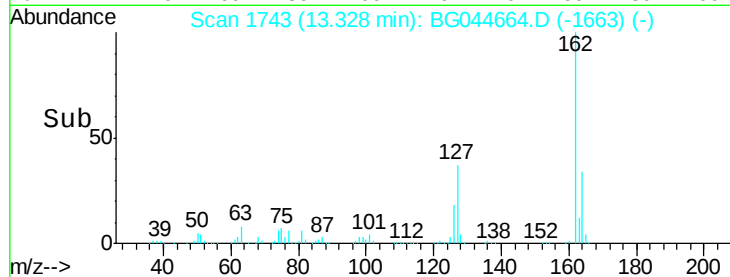
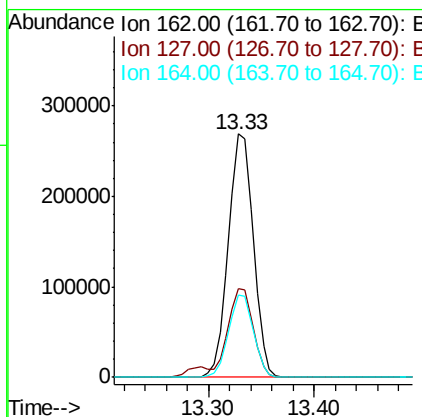
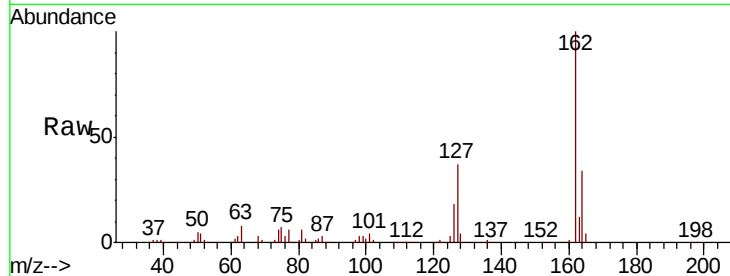




#47
2-Chloronaphthalene
Concen: 46.266 ng
RT: 13.33 min Scan# 1743
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

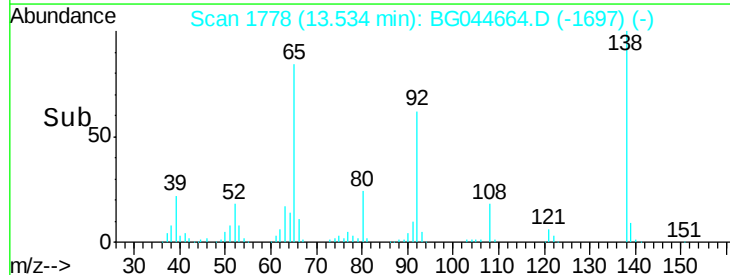
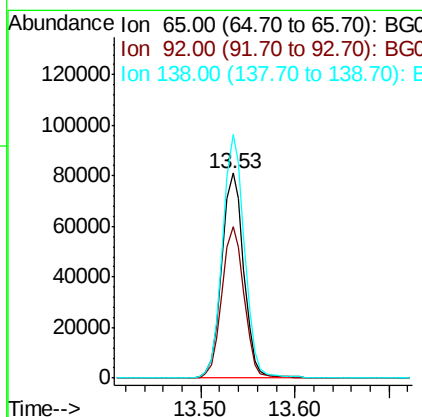
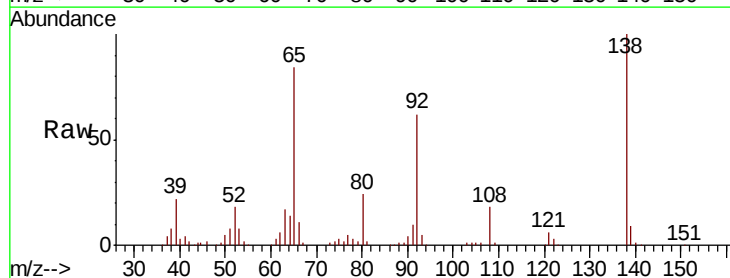
Instrument :
BNA_G
ClientSampleId :

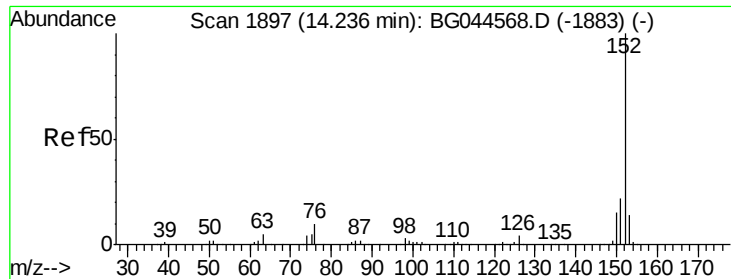
Tot Ion:162 Resp: 438473
Ion Ratio Lower Upper
162 100
127 36.6 28.7 43.1
164 33.7 27.3 40.9



#48
2-Nitroaniline
Concen: 50.877 ng
RT: 13.53 min Scan# 1778
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion: 65 Resp: 133845
Ion Ratio Lower Upper
65 100
92 74.1 62.2 93.2
138 118.8 97.6 146.4





#49

Acenaphthylene

Concen: 49.934 ng

RT: 14.18 min Scan# 1888

Delta R.T. -0.06 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

ClientSampleId :

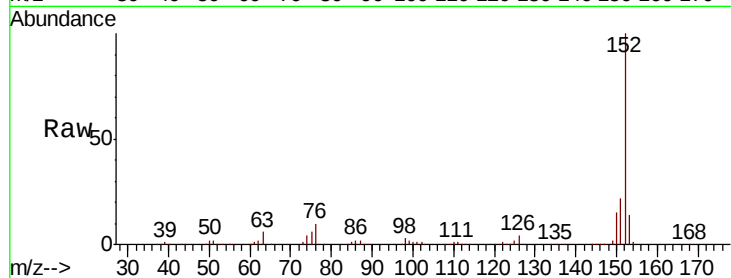
Tot Ion:152 Resp: 698550

Ion Ratio Lower Upper

152 100

151 22.4 17.7 26.5

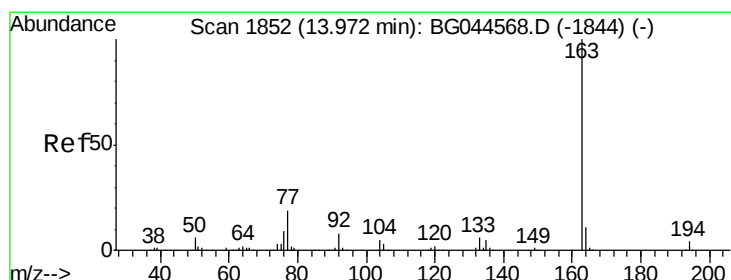
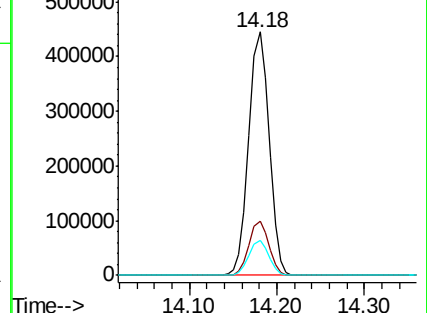
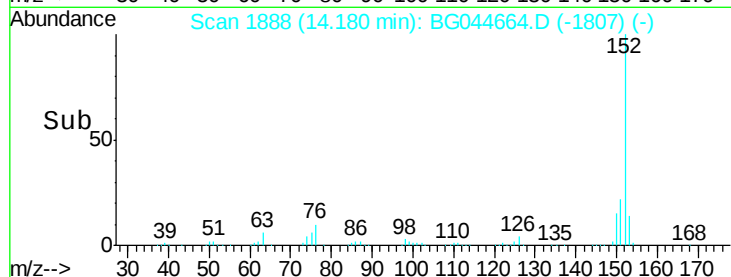
153 14.3 11.3 16.9



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: 49.405 ng

RT: 13.92 min Scan# 1844

Delta R.T. -0.05 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

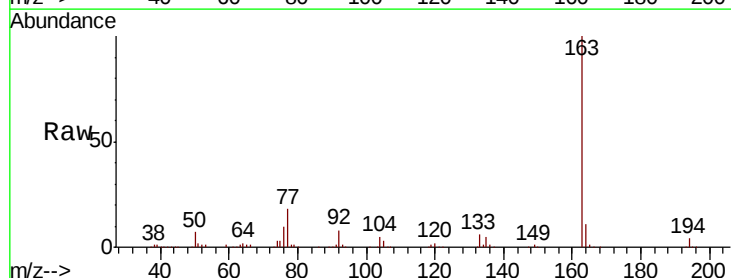
Tgt Ion:163 Resp: 582370

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

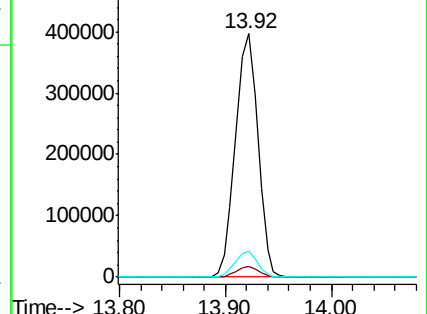
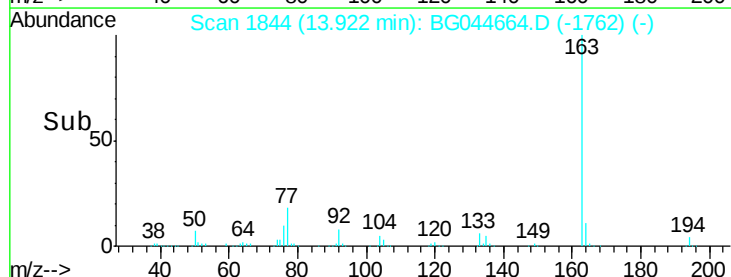
164 10.6 8.7 13.1

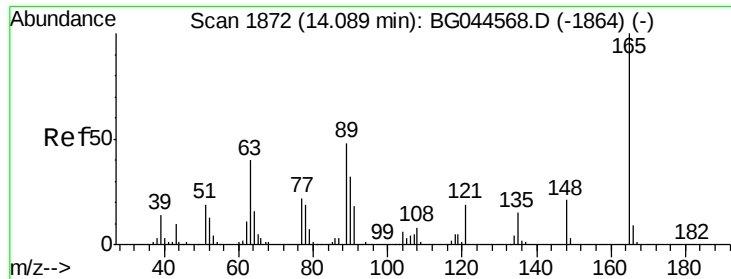


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

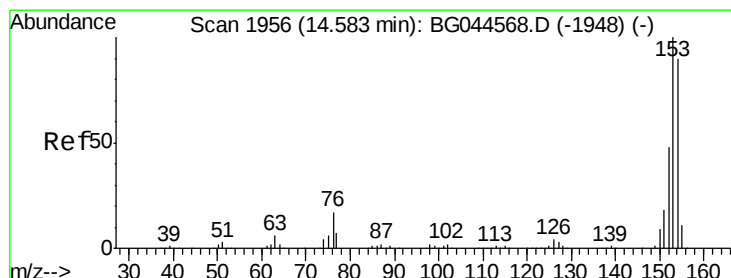
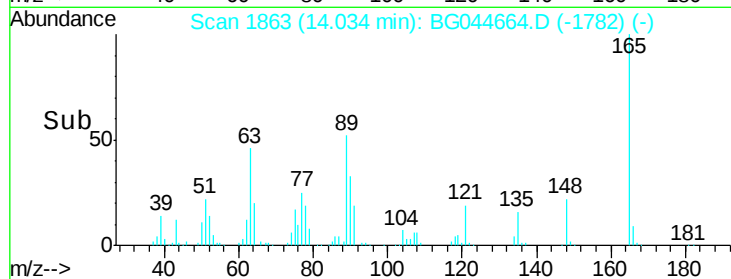
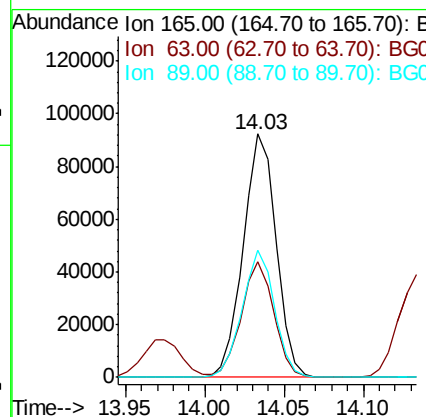
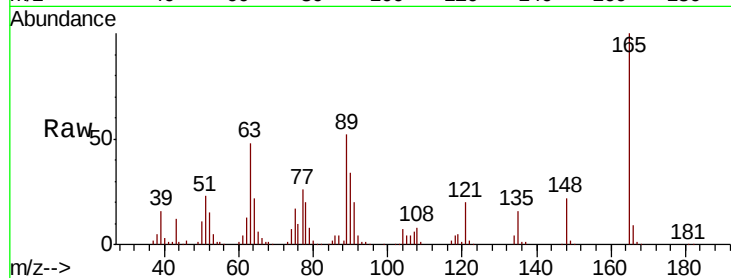




#51
 2,6-Dinitrotoluene
 Concen: 51.119 ng
 RT: 14.03 min Scan# 1863
 Delta R.T. -0.06 min
 Lab File: BG044664.D
 Acq: 3 Mar 2020 16:04

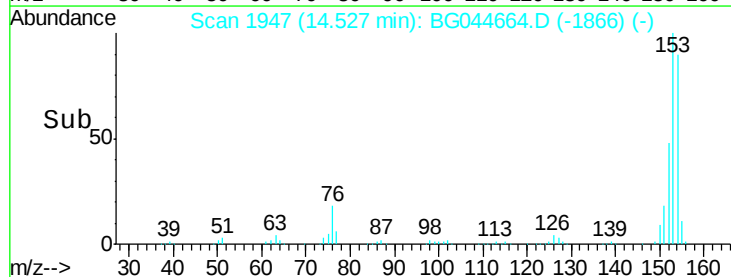
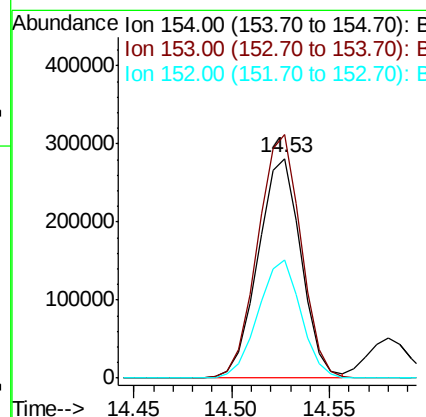
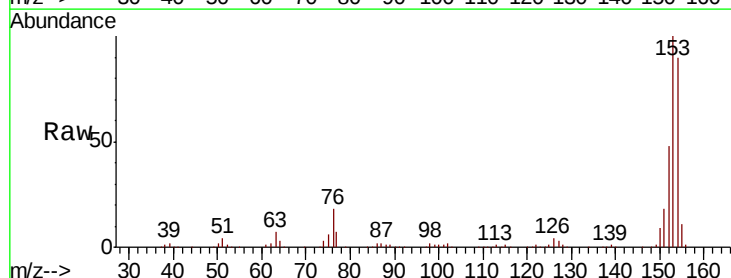
Instrument :
 BNA_G
 ClientSampleId :

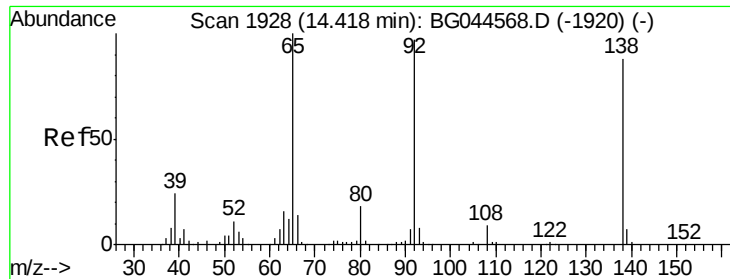
Tot Ion:165 Resp: 132895
 Ion Ratio Lower Upper
 165 100
 63 47.6 35.8 53.6
 89 52.4 38.7 58.1



#52
 Acenaphthene
 Concen: 48.069 ng
 RT: 14.53 min Scan# 1947
 Delta R.T. -0.06 min
 Lab File: BG044664.D
 Acq: 3 Mar 2020 16:04

Tgt Ion:154 Resp: 428664
 Ion Ratio Lower Upper
 154 100
 153 110.9 89.4 134.0
 152 53.6 43.0 64.4

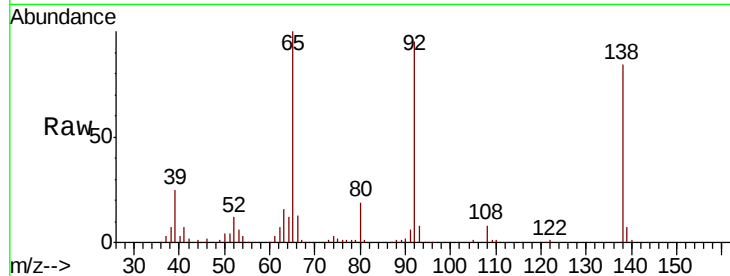




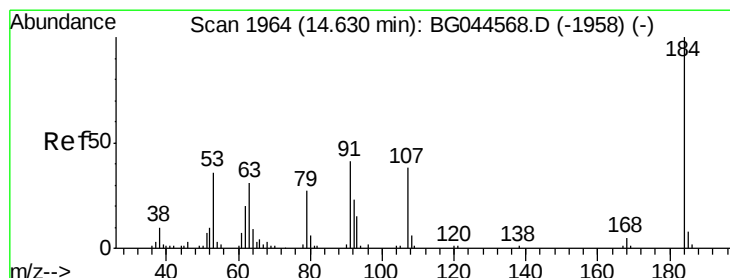
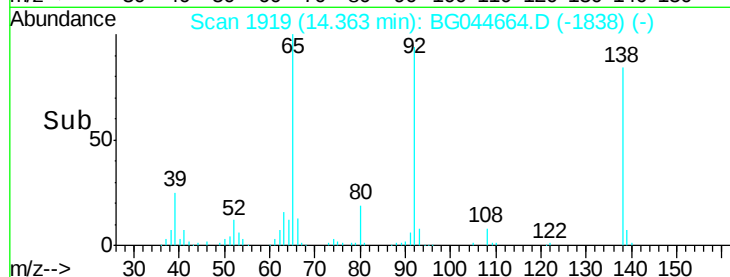
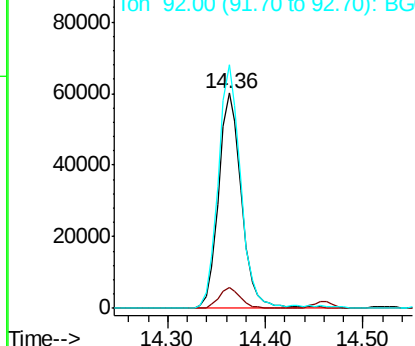
#53
3-Nitroaniline
Concen: 34.842 ng
RT: 14.36 min Scan# 1919
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 97689
Ion Ratio Lower Upper
138 100
108 9.9 7.9 11.9
92 113.1 87.4 131.2

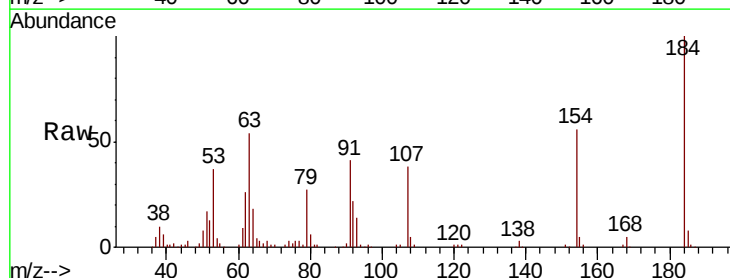


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

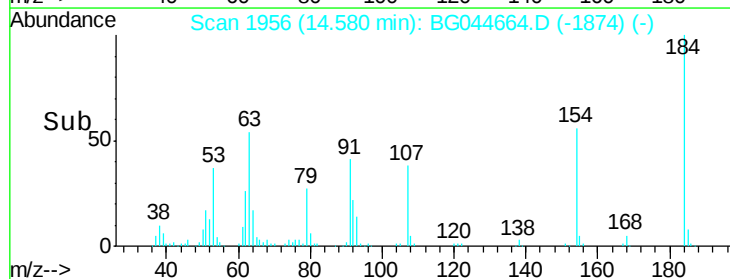
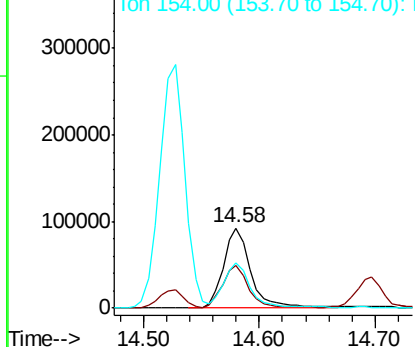


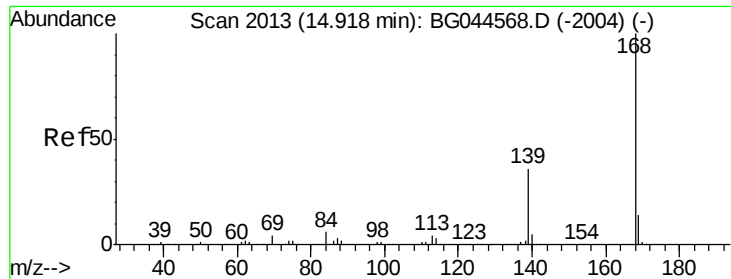
#54
2,4-Dinitrophenol
Concen: 96.343 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.05 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion:184 Resp: 152584
Ion Ratio Lower Upper
184 100
63 53.7 42.1 63.1
154 56.1 43.4 65.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

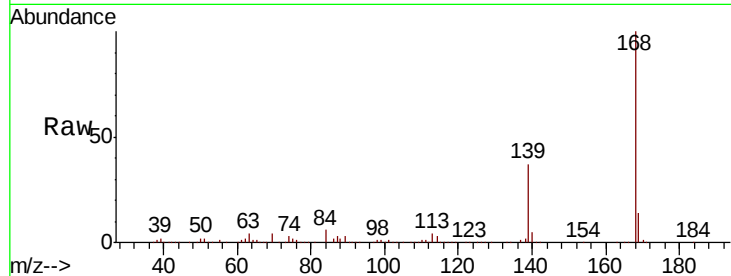




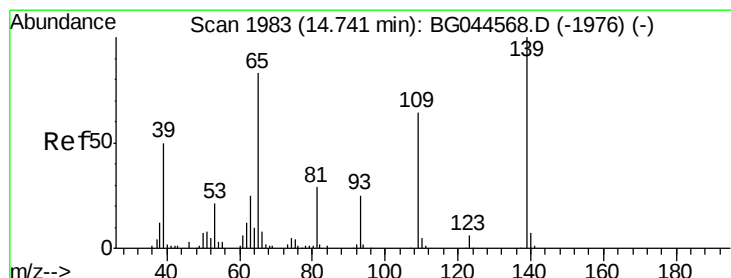
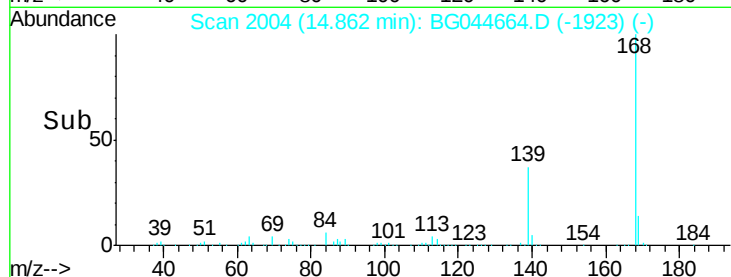
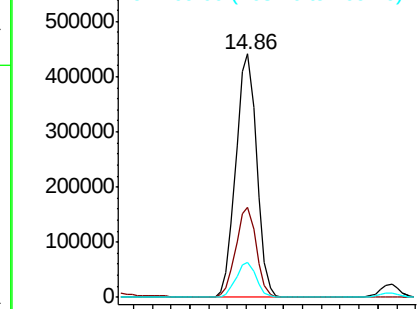
#55
Dibenzofuran
Concen: 49.716 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 679680
Ion Ratio Lower Upper
168 100
139 36.9 29.2 43.8
169 14.4 11.0 16.6

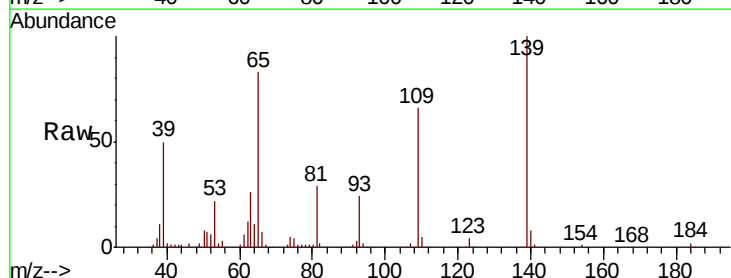


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

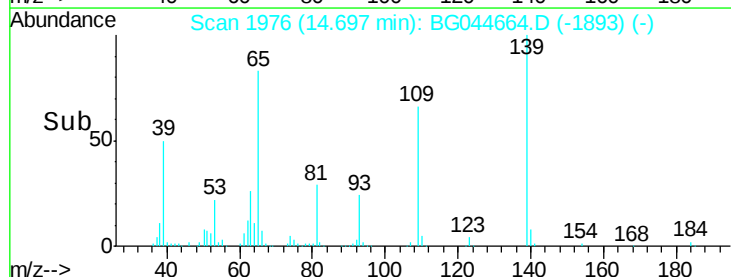
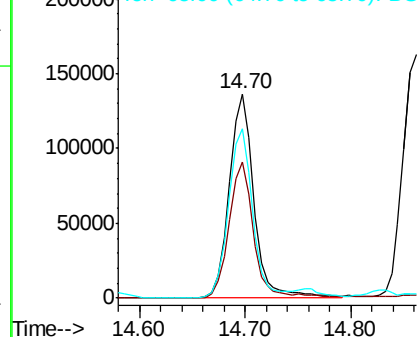


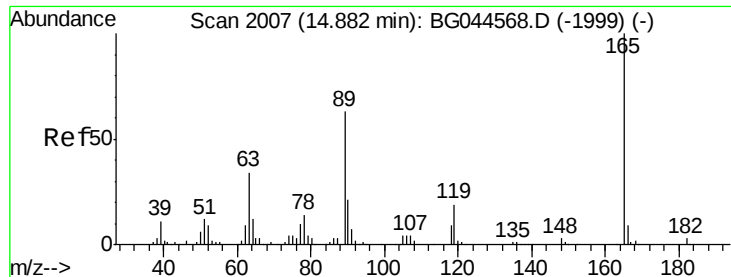
#56
4-Nitrophenol
Concen: 114.763 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.04 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion:139 Resp: 221333
Ion Ratio Lower Upper
139 100
109 66.4 43.8 83.8
65 82.7 63.6 103.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BG0

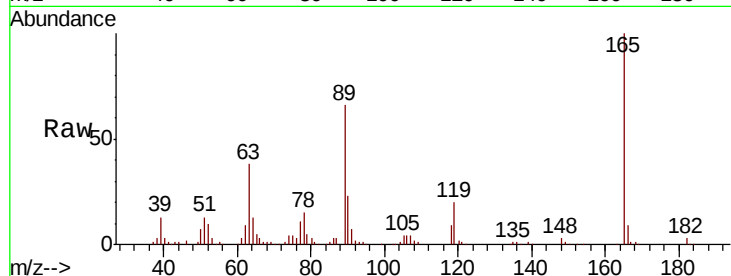




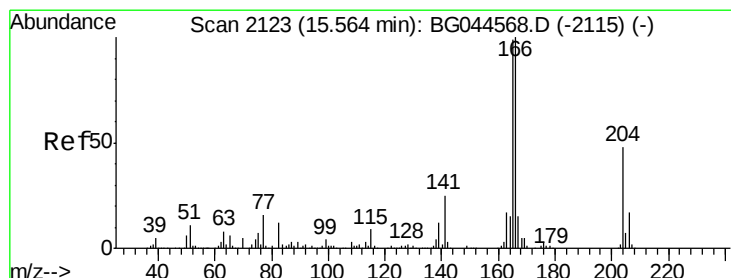
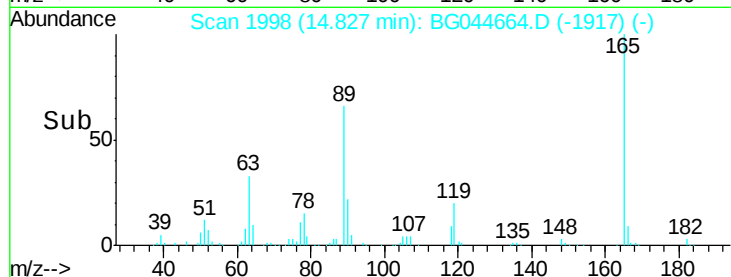
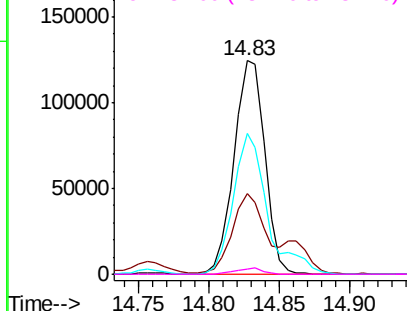
#57
2,4-Dinitrotoluene
Concen: 51.934 ng
RT: 14.83 min Scan# 1998
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 189820
Ion Ratio Lower Upper
165 100
63 37.8 27.5 41.3
89 66.1 50.0 75.0
182 2.6 2.3 3.5

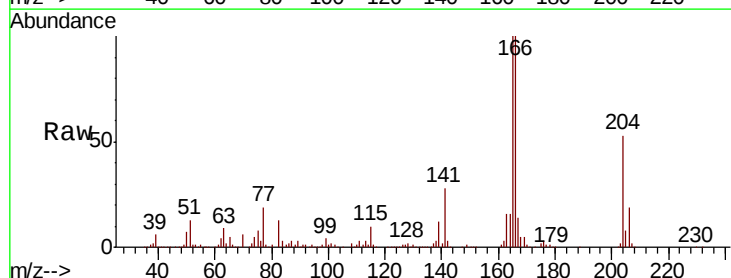


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

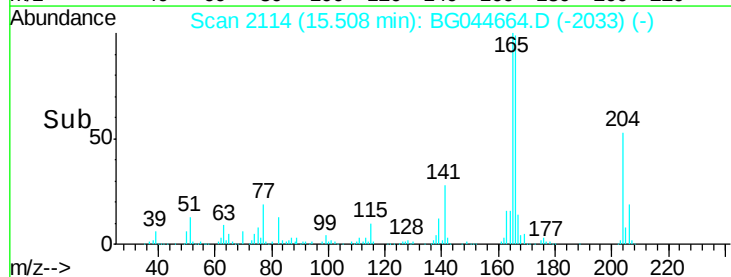
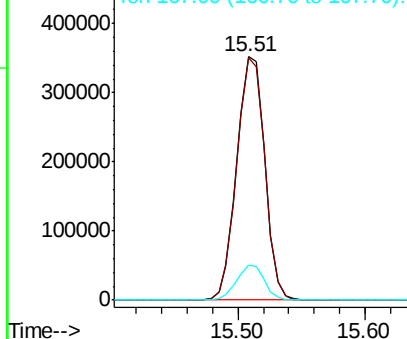


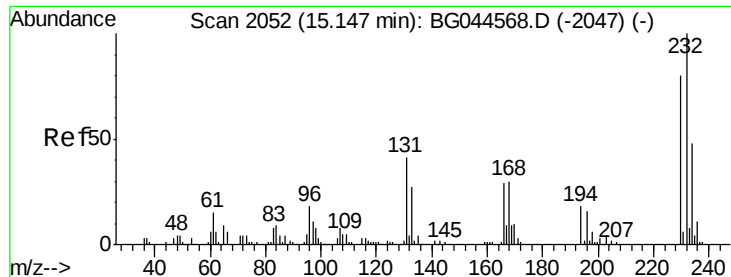
#58
Fluorene
Concen: 49.654 ng
RT: 15.51 min Scan# 2114
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion:166 Resp: 538237
Ion Ratio Lower Upper
166 100
165 99.6 79.2 118.8
167 14.2 11.7 17.5



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

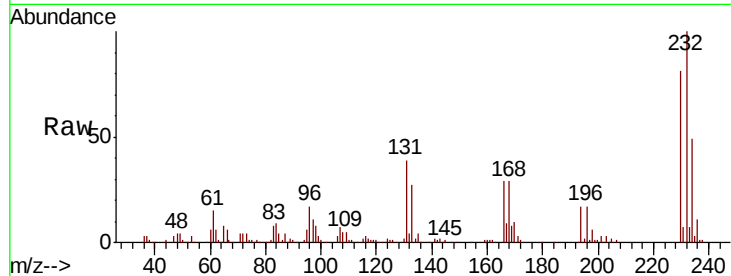




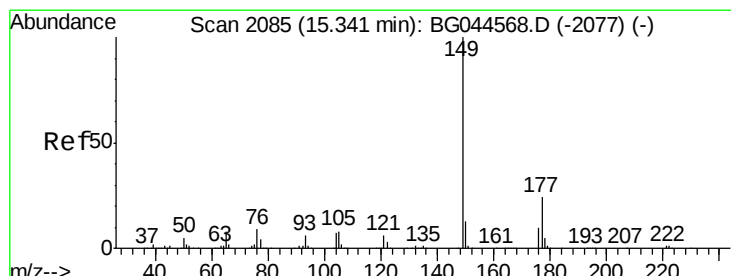
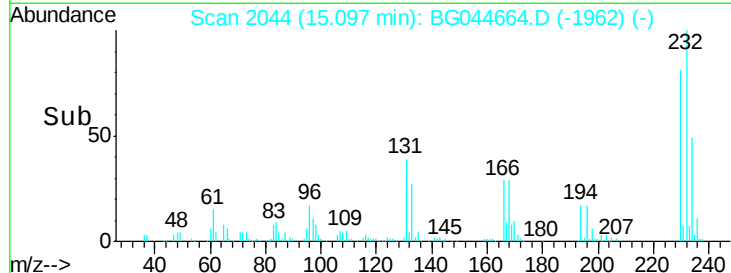
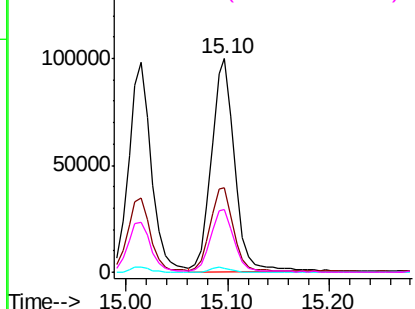
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.949 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.05 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Instrument :
BNA_G
ClientSampled :

Tot Ion:232 Resp: 156880
Ion Ratio Lower Upper
232 100
131 40.4 31.8 47.6
130 2.2 1.8 2.6
166 29.4 22.7 34.1

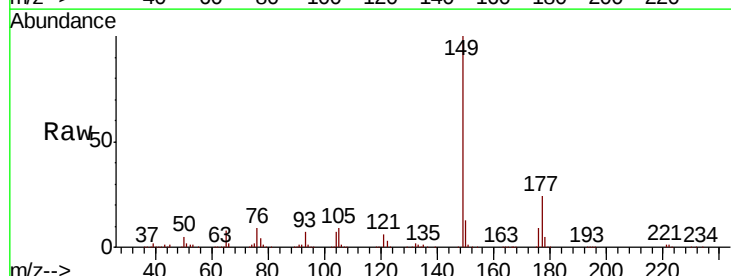


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

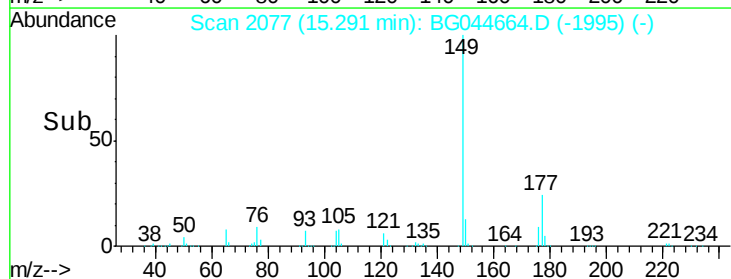
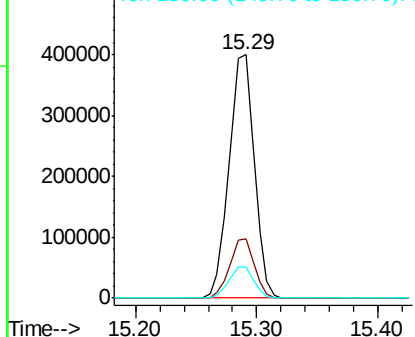


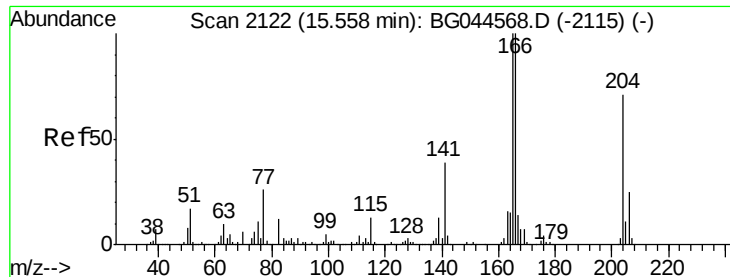
#60
Diethylphthalate
Concen: 50.064 ng
RT: 15.29 min Scan# 2077
Delta R.T. -0.05 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion:149 Resp: 584729
Ion Ratio Lower Upper
149 100
177 24.4 19.2 28.8
150 12.8 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

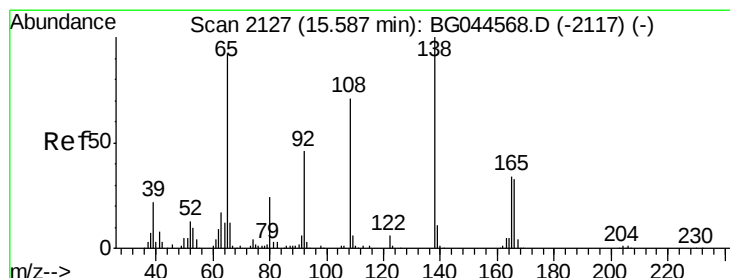
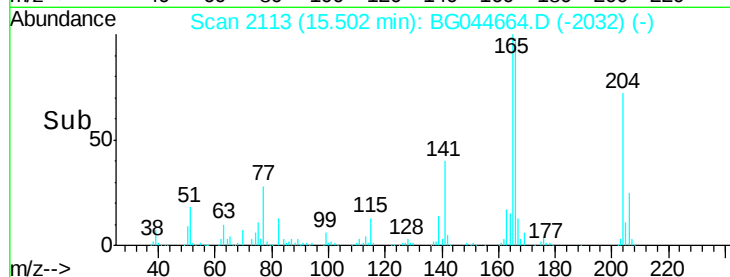
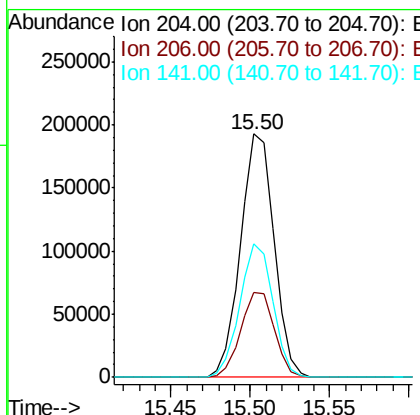
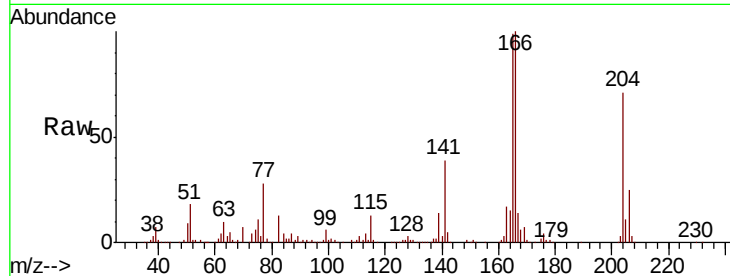




#61
 4-Chlorophenyl-phenylether
 Concen: 48.045 ng
 RT: 15.50 min Scan# 2113
 Delta R.T. -0.06 min
 Lab File: BG044664.D
 Acq: 3 Mar 2020 16:04

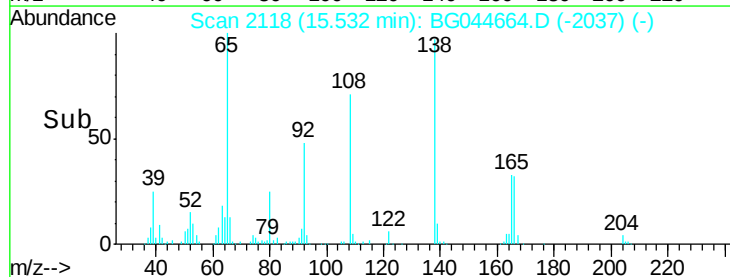
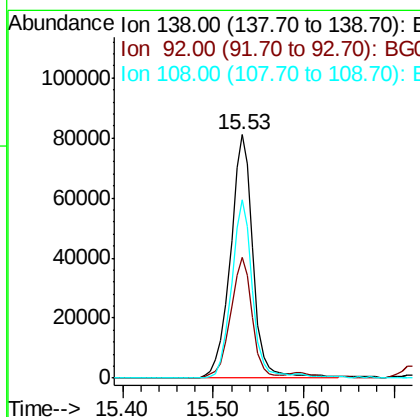
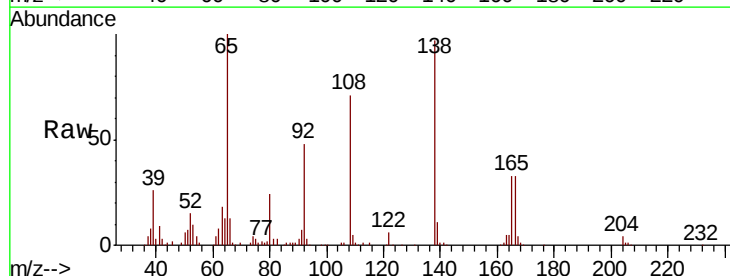
Instrument :
 BNA_G
 ClientSampled :

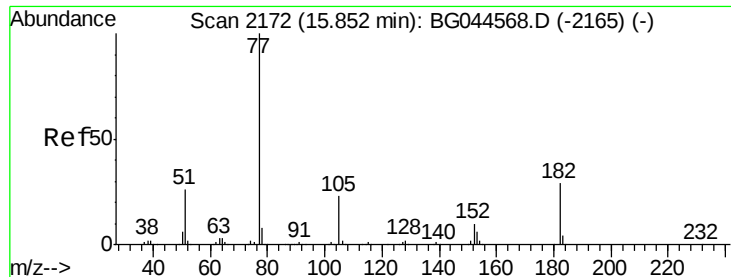
Tot Ion:204 Resp: 283166
 Ion Ratio Lower Upper
 204 100
 206 35.0 27.8 41.8
 141 55.0 43.8 65.8



#62
 4-Nitroaniline
 Concen: 50.290 ng
 RT: 15.53 min Scan# 2118
 Delta R.T. -0.06 min
 Lab File: BG044664.D
 Acq: 3 Mar 2020 16:04

Tgt Ion:138 Resp: 141185
 Ion Ratio Lower Upper
 138 100
 92 49.5 26.4 66.4
 108 73.5 50.5 90.5





#63

Azobenzene

Concen: 51.978 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.06 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 516662

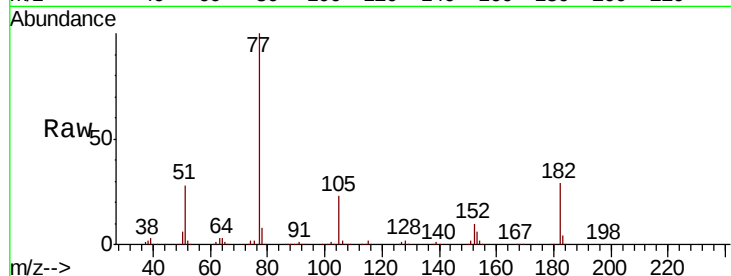
Ion Ratio Lower Upper

77 100

182 28.6 9.4 49.4

105 22.7 3.4 43.4

51 27.7 6.4 46.4

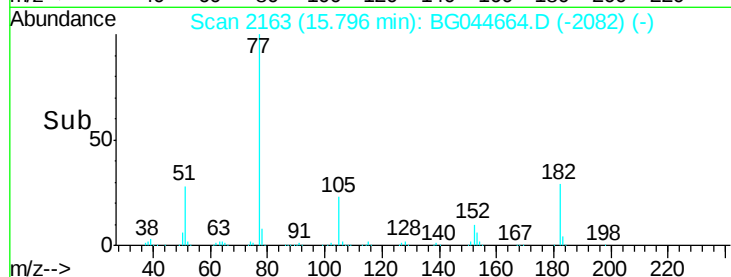


Abundance Ion 77.00 (76.70 to 77.70): BGC

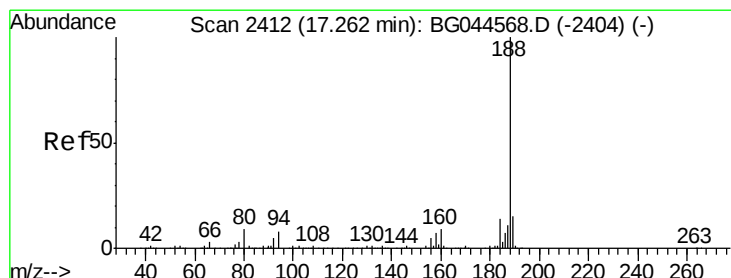
Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.21 min Scan# 2403

Delta R.T. -0.06 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

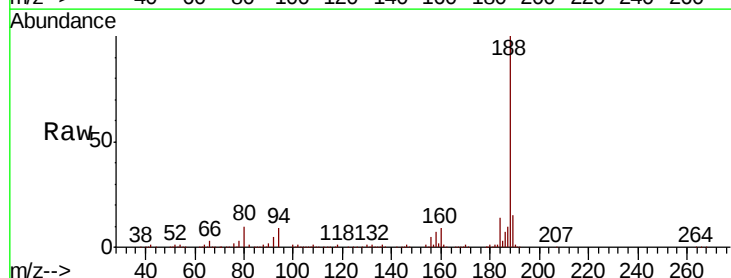
Tgt Ion: 188 Resp: 339555

Ion Ratio Lower Upper

188 100

94 8.6 6.7 10.1

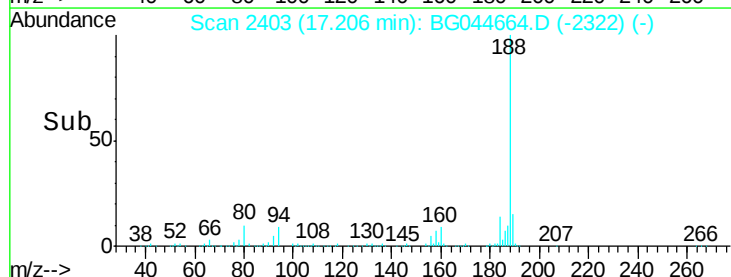
80 9.6 7.6 11.4



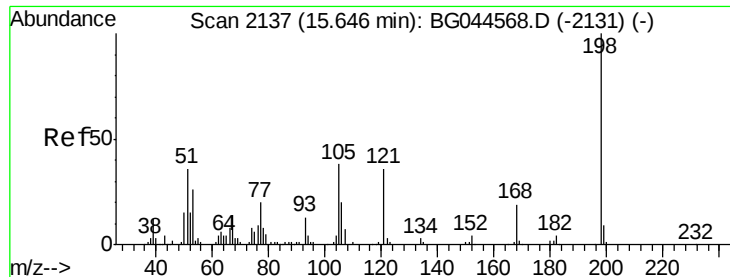
Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



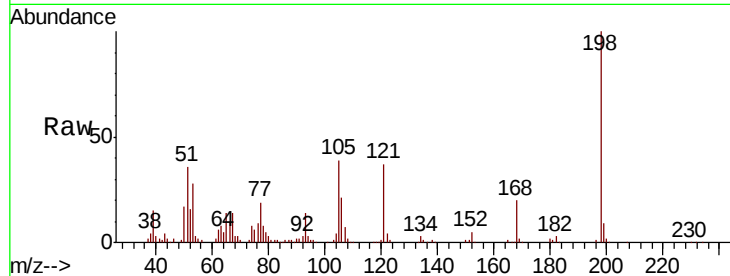
Time-->



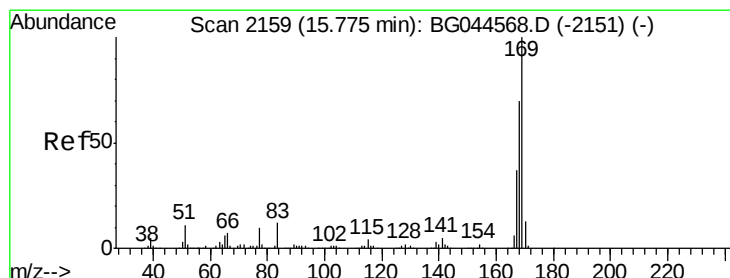
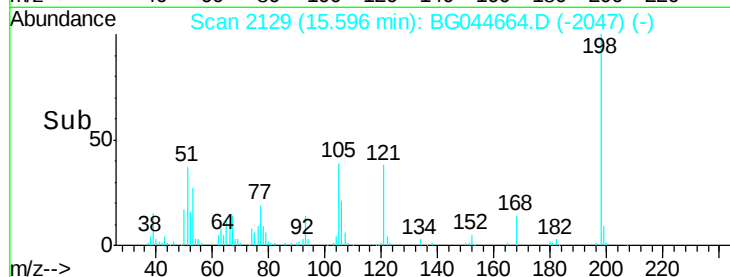
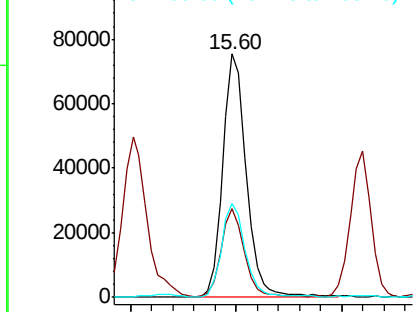
#65
4,6-Dinitro-2-methylphenol
Concen: 55.733 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.05 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Instrument :
BNA_G
ClientSampled :

Tot Ion:198 Resp: 117178
Ion Ratio Lower Upper
198 100
51 36.3 17.0 57.0
105 38.7 18.4 58.4

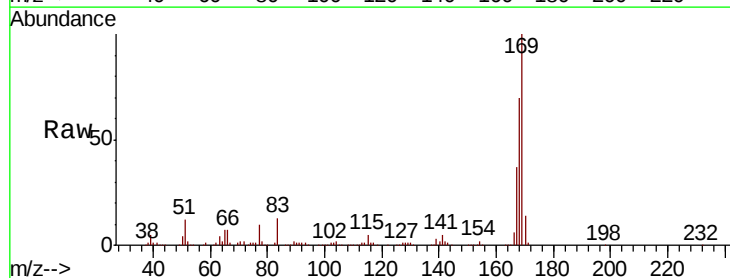


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

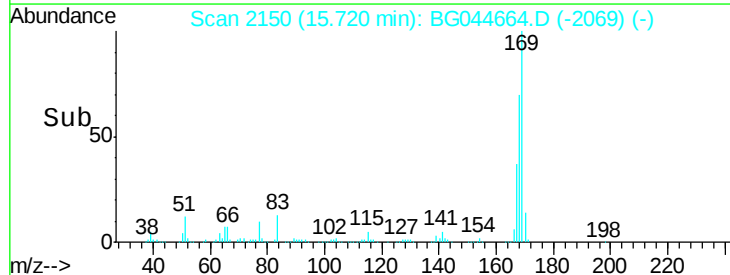
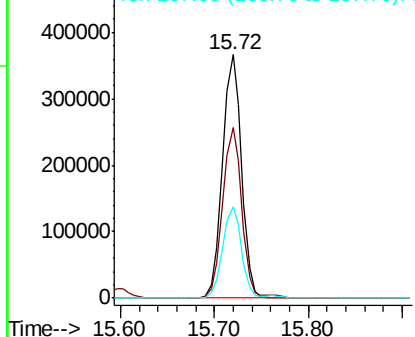


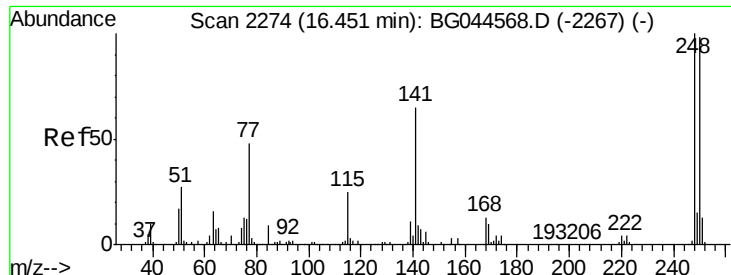
#66
n-Nitrosodiphenylamine
Concen: 48.766 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion:169 Resp: 516514
Ion Ratio Lower Upper
169 100
168 70.3 56.1 84.1
167 37.3 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

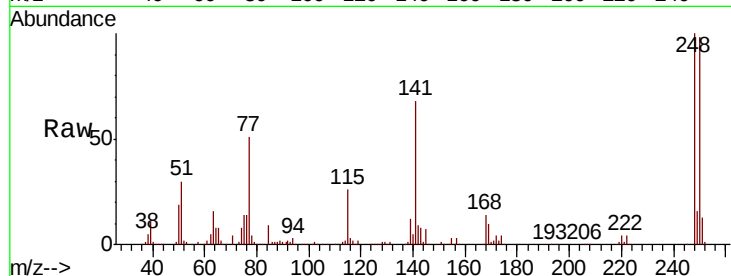




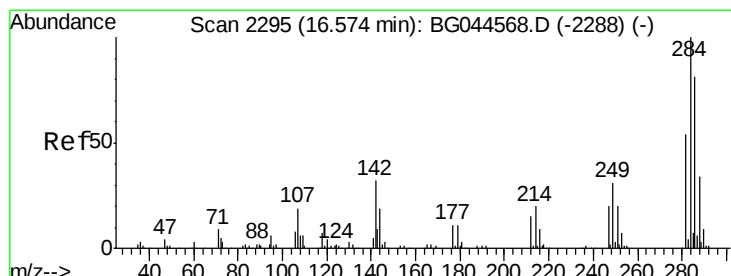
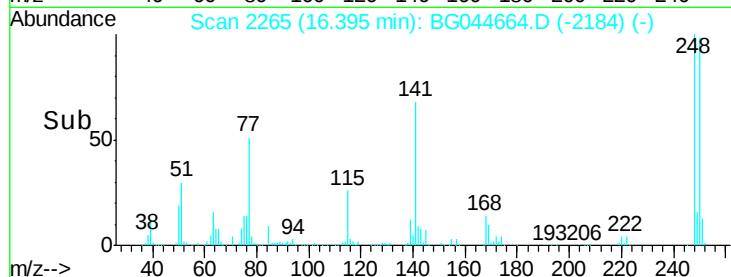
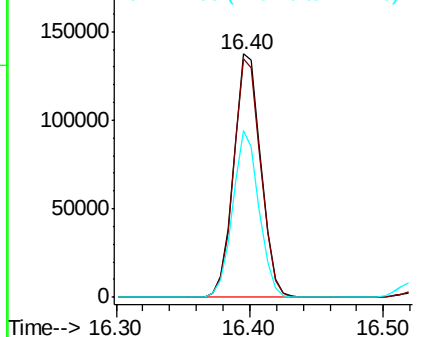
#67
 4-Bromophenyl-phenylether
 Concen: 46.037 ng
 RT: 16.40 min Scan# 2265
 Delta R.T. -0.06 min
 Lab File: BG044664.D
 Acq: 3 Mar 2020 16:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 194039
 Ion Ratio Lower Upper
 248 100
 250 97.8 78.7 118.1
 141 68.4 52.3 78.5

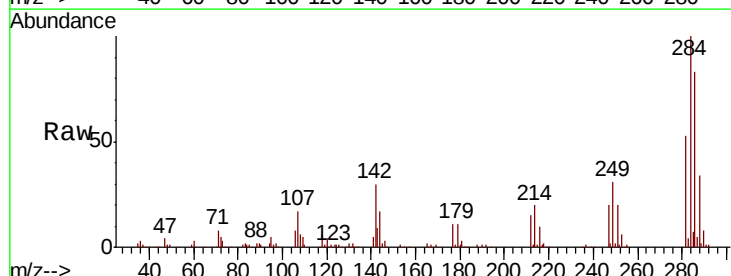


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

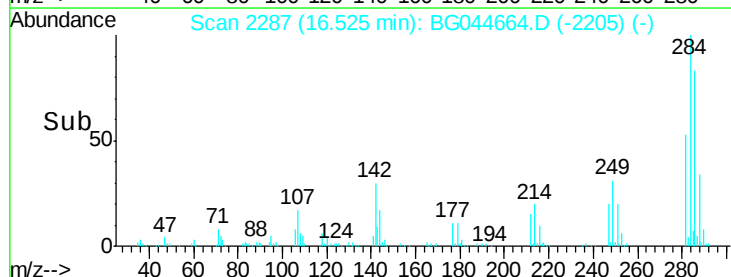
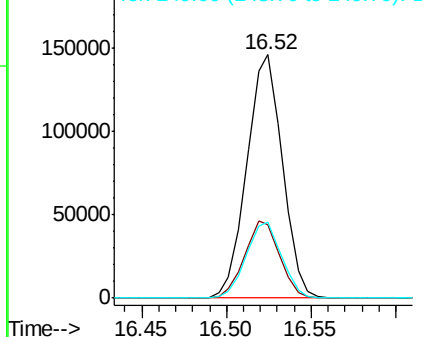


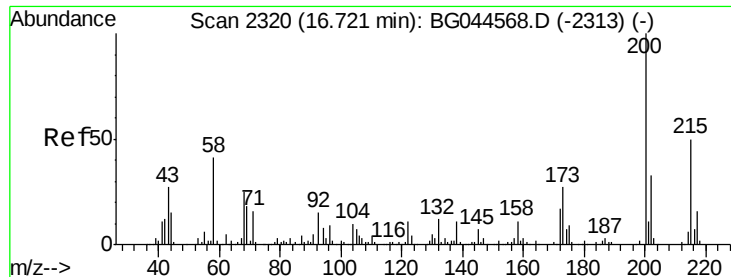
#68
 Hexachlorobenzene
 Concen: 44.798 ng
 RT: 16.52 min Scan# 2287
 Delta R.T. -0.05 min
 Lab File: BG044664.D
 Acq: 3 Mar 2020 16:04

Tgt Ion:284 Resp: 213475
 Ion Ratio Lower Upper
 284 100
 142 30.1 25.6 38.4
 249 31.0 24.6 36.8



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

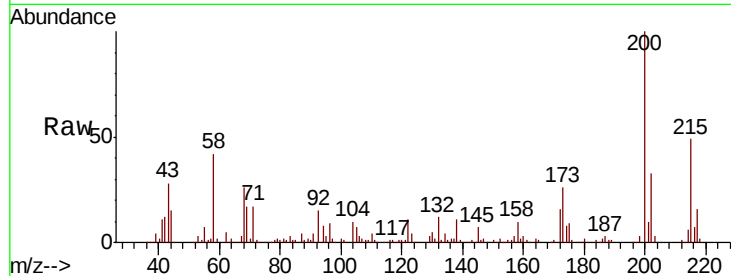




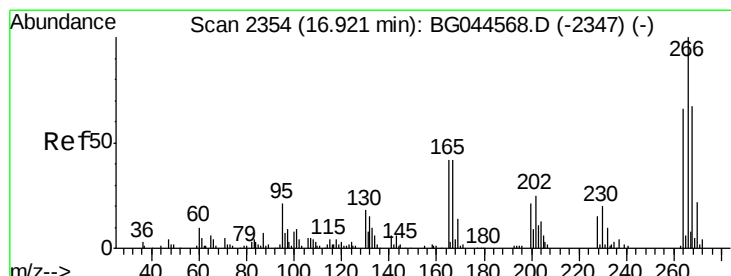
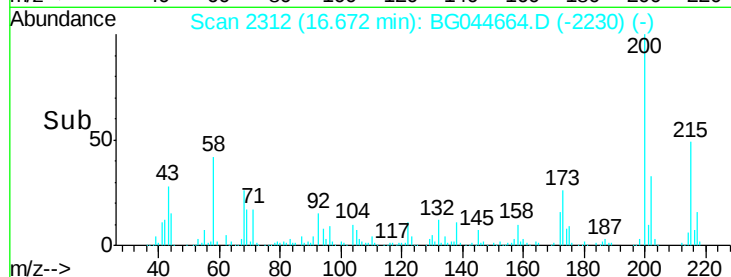
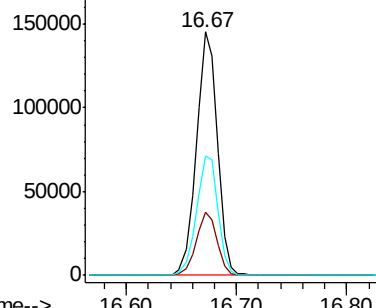
#69
 Atrazine
 Concen: 49.307 ng
 RT: 16.67 min Scan# 2312
 Delta R.T. -0.05 min
 Lab File: BG044664.D
 Acq: 3 Mar 2020 16:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	6.6	46.6
215	49.0	30.3	70.3

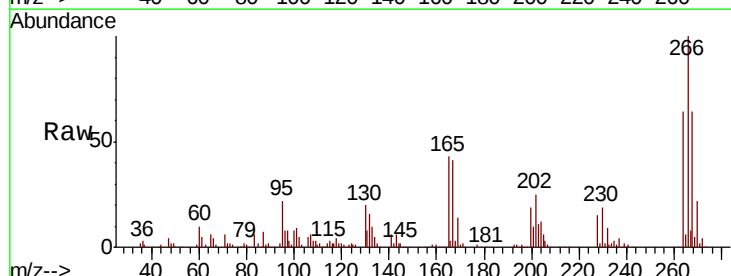


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

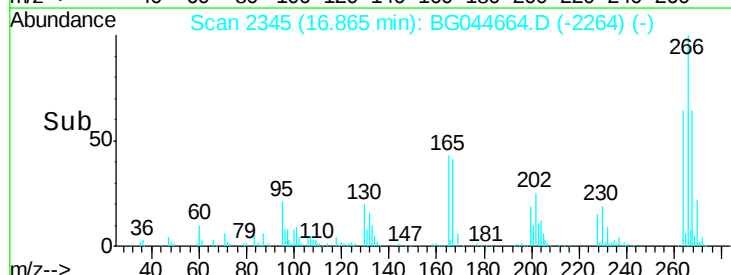
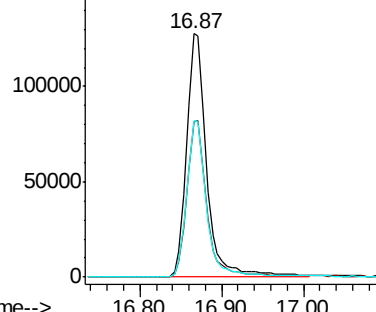


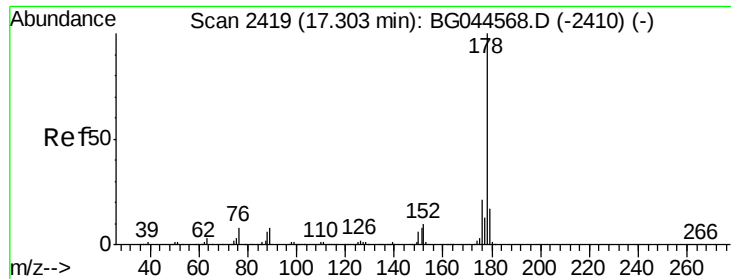
#70
 Pentachlorophenol
 Concen: 93.092 ng
 RT: 16.87 min Scan# 2345
 Delta R.T. -0.06 min
 Lab File: BG044664.D
 Acq: 3 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	53.4	80.0
264	64.2	53.0	79.4



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

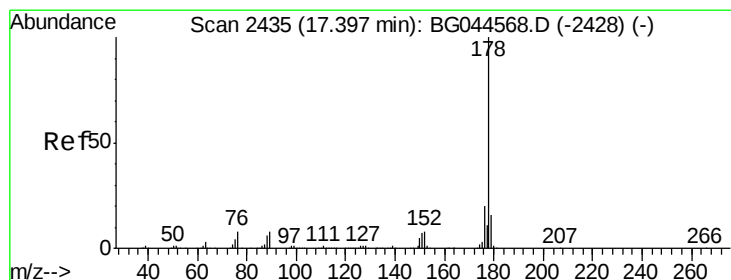
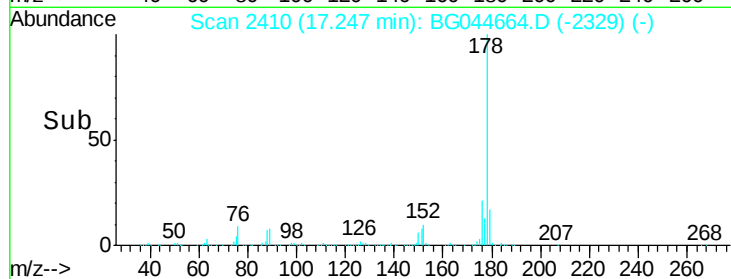
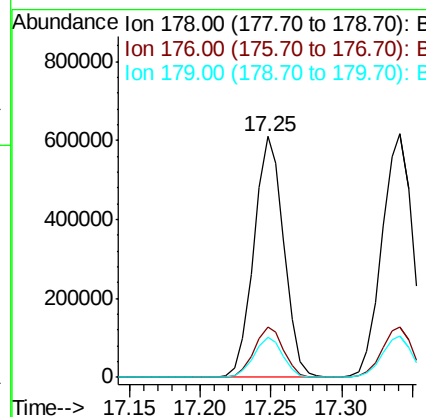
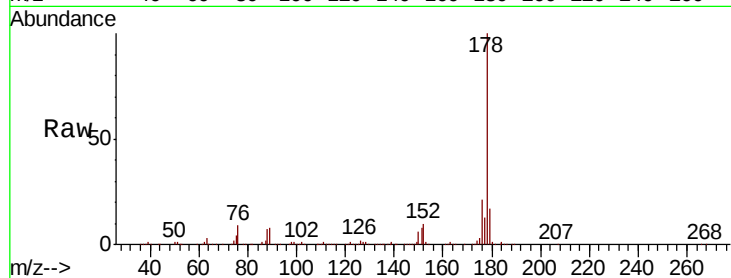




#71
Phenanthrene
Concen: 48.290 ng
RT: 17.25 min Scan# 2410
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

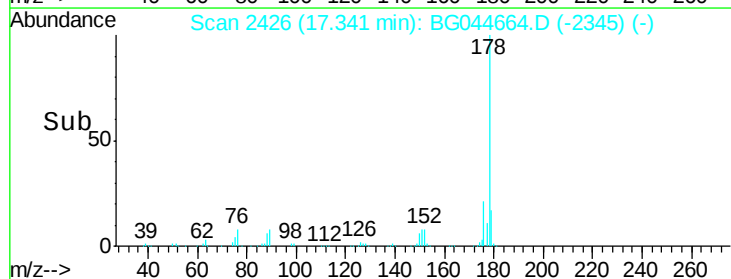
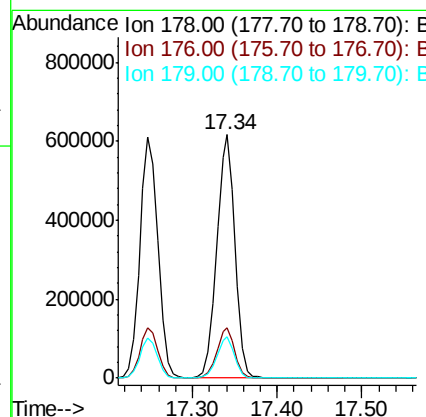
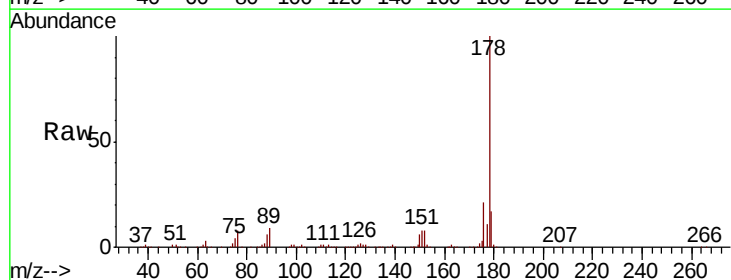
Instrument :
BNA_G
ClientSampleId :

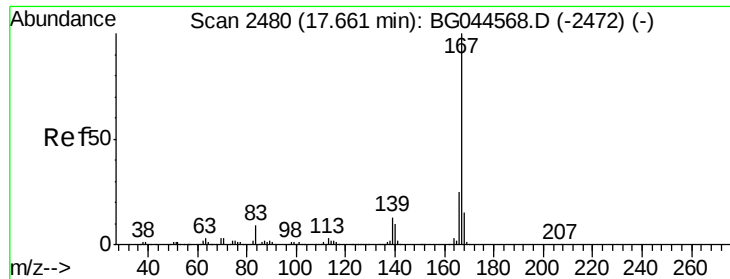
Tot Ion:178 Resp: 907797
Ion Ratio Lower Upper
178 100
176 20.8 16.6 25.0
179 16.9 13.3 19.9



#72
Anthracene
Concen: 50.459 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion:178 Resp: 934807
Ion Ratio Lower Upper
178 100
176 20.8 15.9 23.9
179 17.0 13.1 19.7

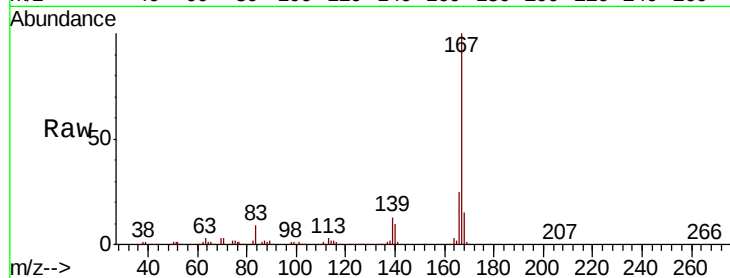




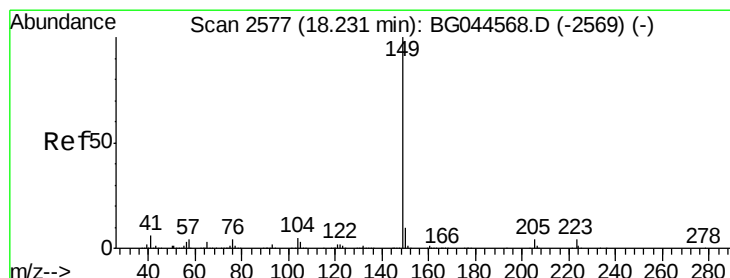
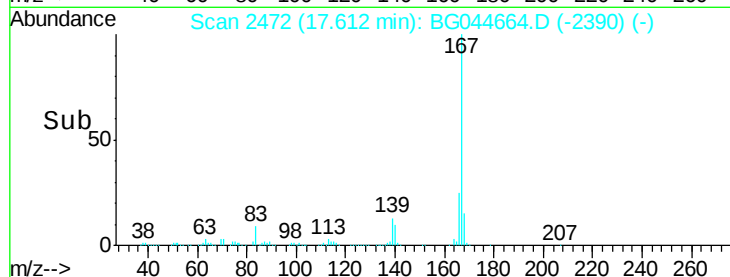
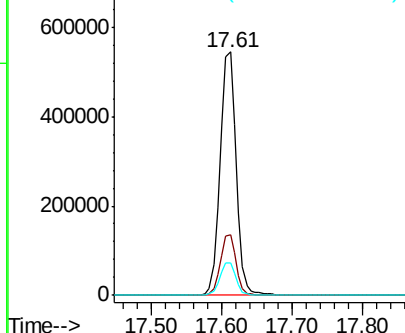
#73
 Carbazole
 Concen: 51.221 ng
 RT: 17.61 min Scan# 2472
 Delta R.T. -0.05 min
 Lab File: BG044664.D
 Acq: 3 Mar 2020 16:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.9	19.7	29.5
139	13.5	10.6	15.8

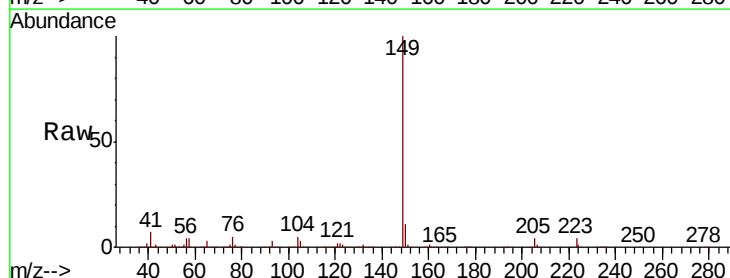


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

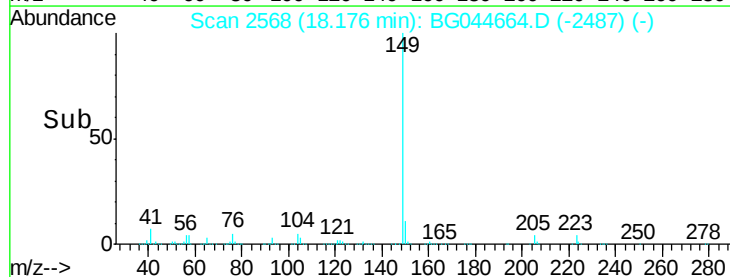
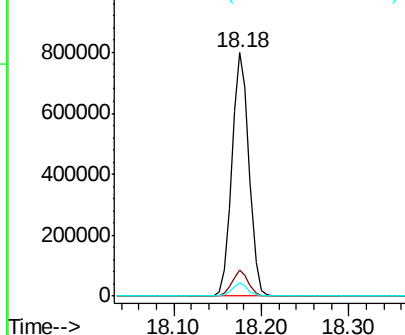


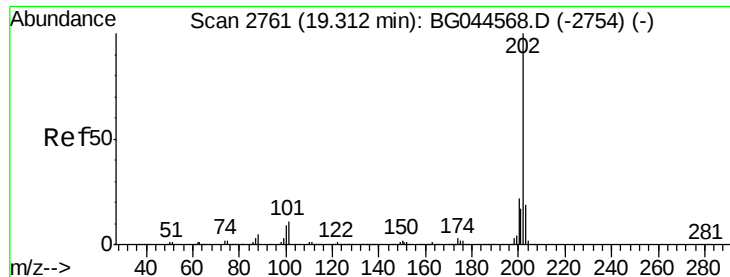
#74
 Di-n-butylphthalate
 Concen: 50.128 ng
 RT: 18.18 min Scan# 2568
 Delta R.T. -0.06 min
 Lab File: BG044664.D
 Acq: 3 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.5	7.8	11.8
104	5.4	4.0	6.0



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





#75

Fluoranthene

Concen: 50.599 ng

RT: 19.26 min Scan# 2753

Delta R.T. -0.05 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

ClientSampled :

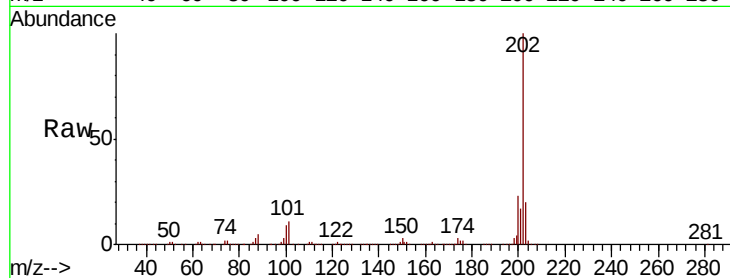
Tot Ion:202 Resp: 1126036

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.0

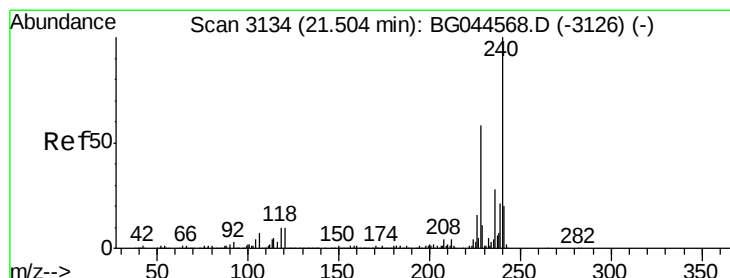
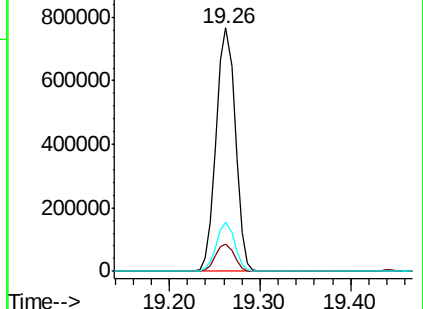
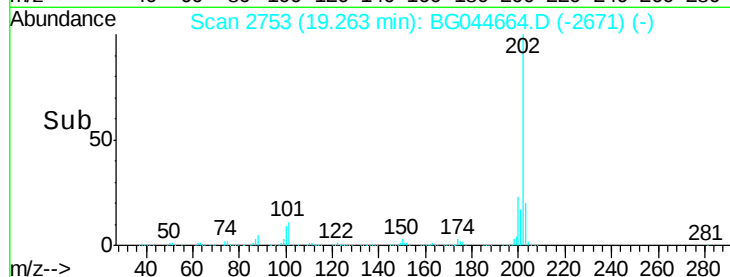
203 19.9 0.0 39.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.44 min Scan# 3124

Delta R.T. -0.06 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

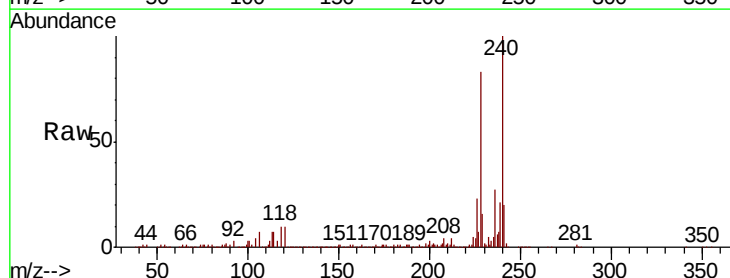
Tgt Ion:240 Resp: 333361

Ion Ratio Lower Upper

240 100

120 10.4 8.3 12.5

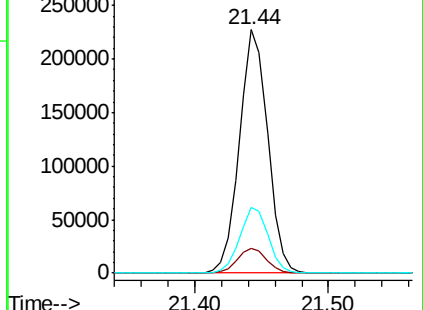
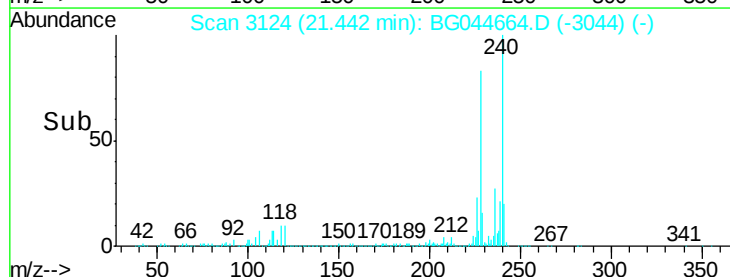
236 27.1 22.3 33.5

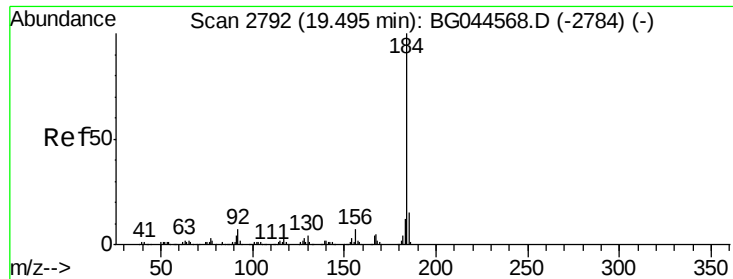


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 71.620 ng

RT: 19.44 min Scan# 2784

Delta R.T. -0.05 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

ClientSampleId :

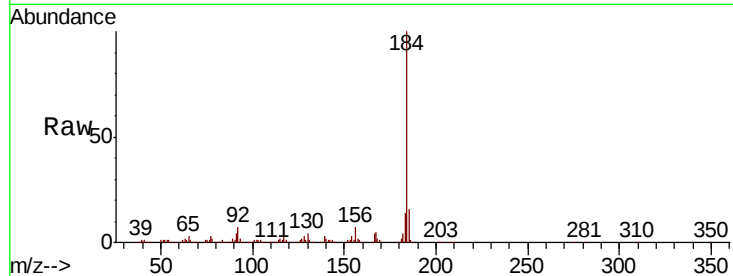
Tot Ion:184 Resp: 817854

Ion Ratio Lower Upper

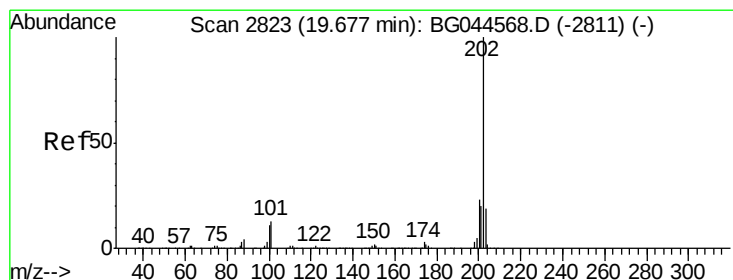
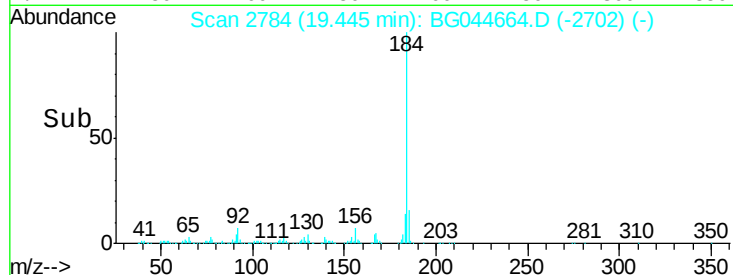
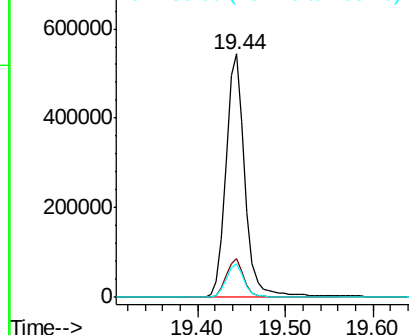
184 100

185 15.8 12.2 18.4

183 13.7 9.9 14.9



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: 46.699 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.06 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

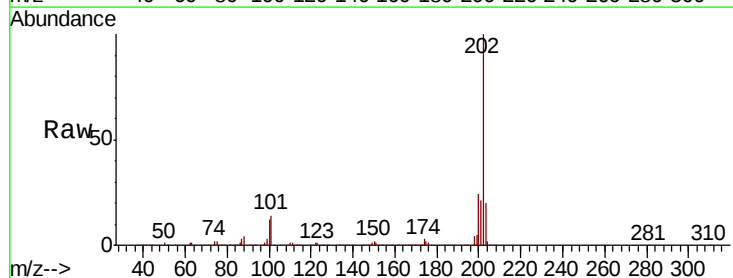
Tgt Ion:202 Resp: 1130062

Ion Ratio Lower Upper

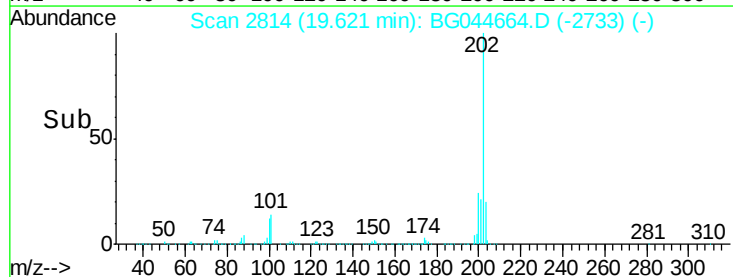
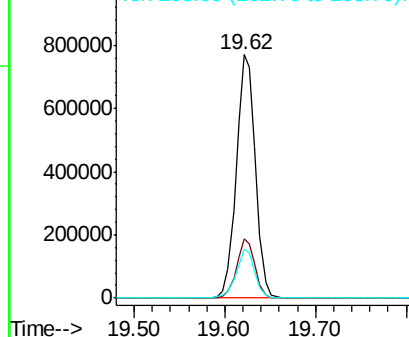
202 100

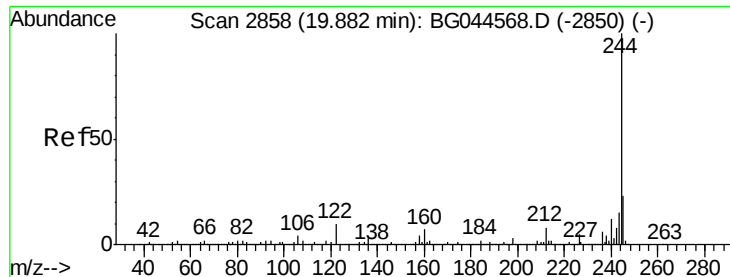
200 24.2 18.6 28.0

203 20.3 15.3 22.9



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: 0.681 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.06 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

ClientSampled :

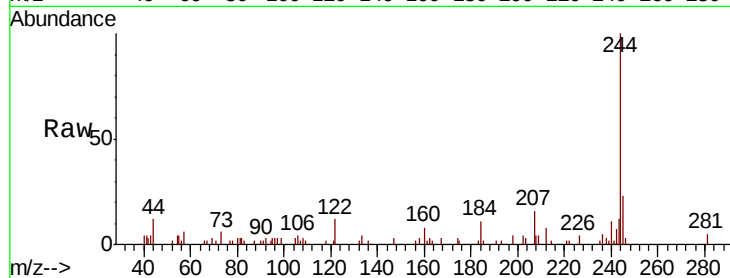
Tot Ion:244 Resp: 11992

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

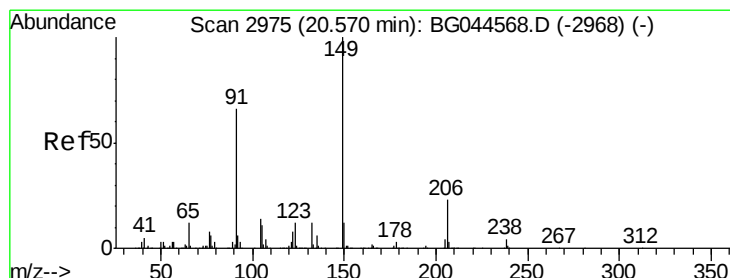
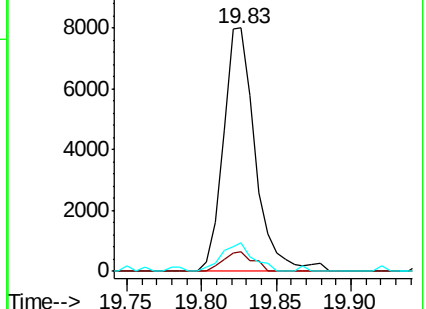
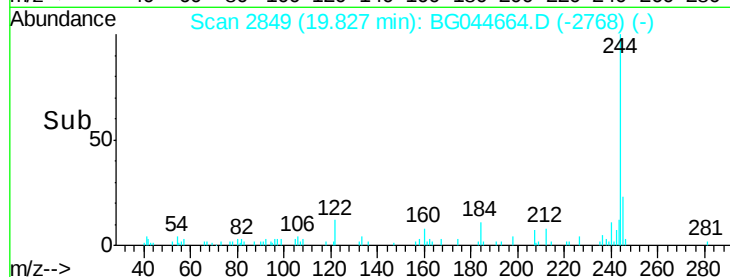
122 11.8 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.769 ng

RT: 20.52 min Scan# 2967

Delta R.T. -0.05 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

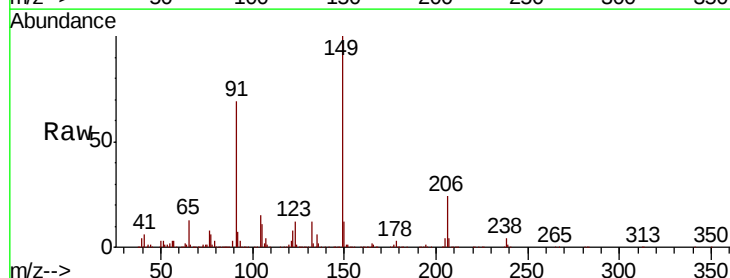
Tgt Ion:149 Resp: 505637

Ion Ratio Lower Upper

149 100

91 68.8 52.7 79.1

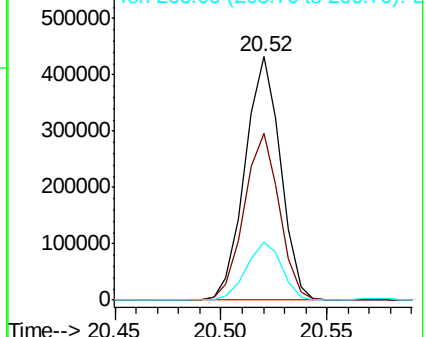
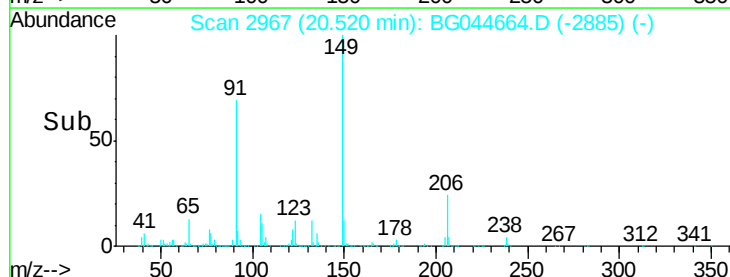
206 23.6 18.6 28.0

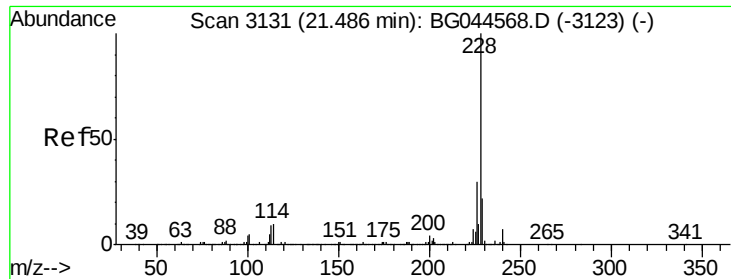


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

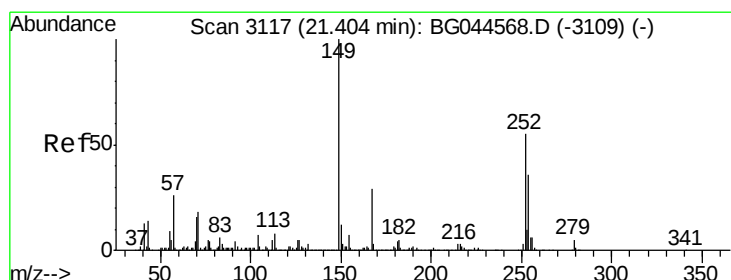
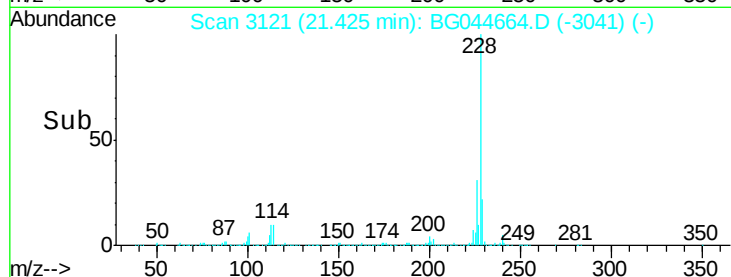
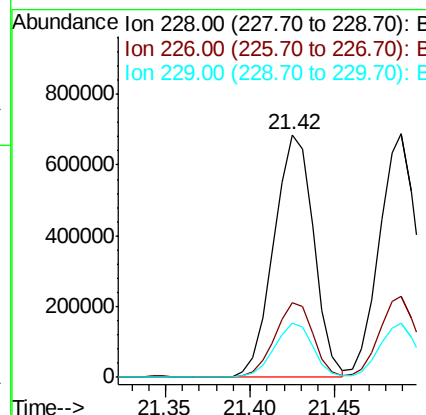
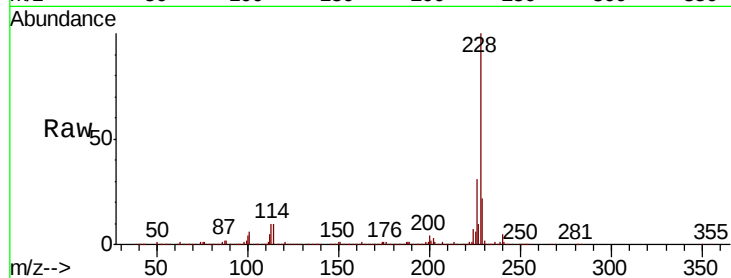




#81
Benzo(a)anthracene
Concen: 47.546 ng
RT: 21.42 min Scan# 3121
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

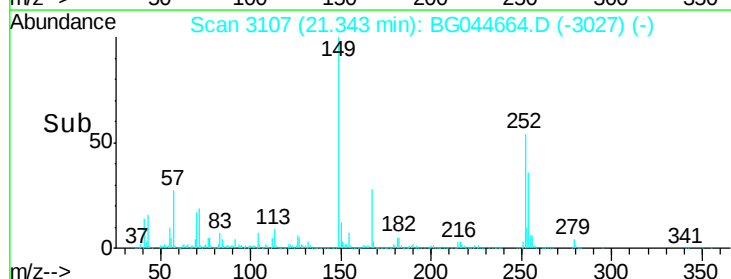
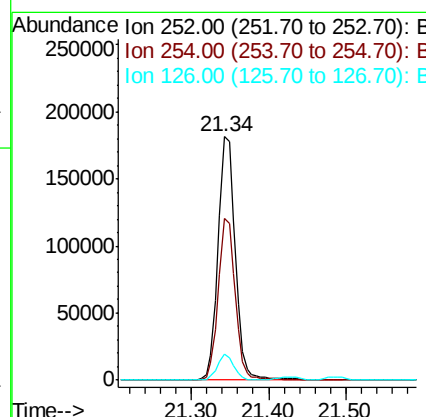
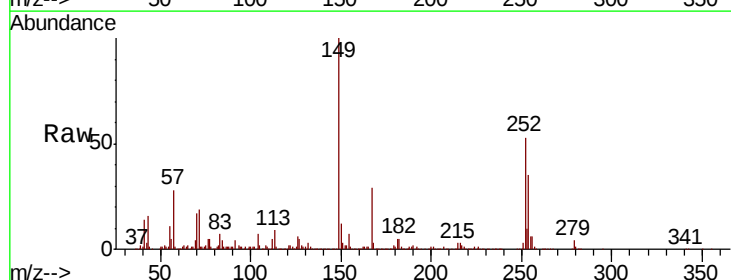
Instrument :
BNA_G
ClientSampleId :

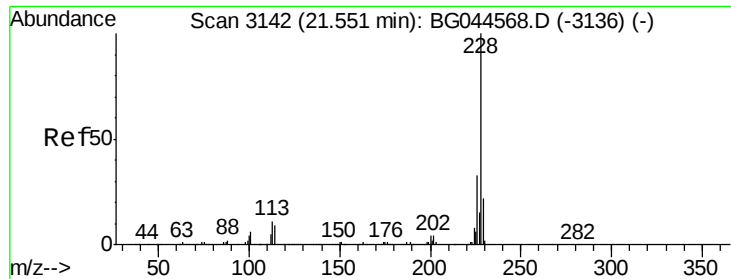
Tot Ion:228 Resp: 1113990
Ion Ratio Lower Upper
228 100
226 30.5 23.8 35.8
229 22.2 17.2 25.8



#82
3,3'-Dichlorobenzidine
Concen: 30.253 ng
RT: 21.34 min Scan# 3107
Delta R.T. -0.06 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion:252 Resp: 280026
Ion Ratio Lower Upper
252 100
254 66.3 51.5 77.3
126 10.6 7.8 11.6





#83

Chrysene

Concen: 47.227 ng

RT: 21.49 min Scan# 3132

Delta R.T. -0.06 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

ClientSampled :

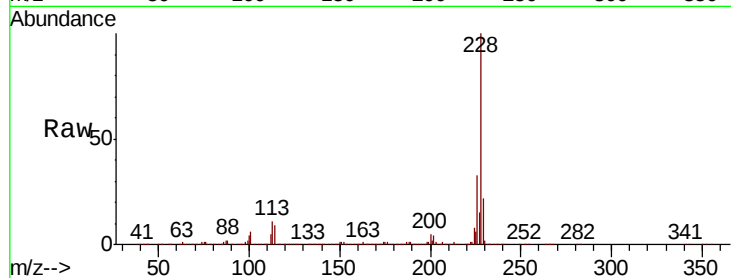
Tot Ion:228 Resp: 1069846

Ion Ratio Lower Upper

228 100

226 33.4 26.1 39.1

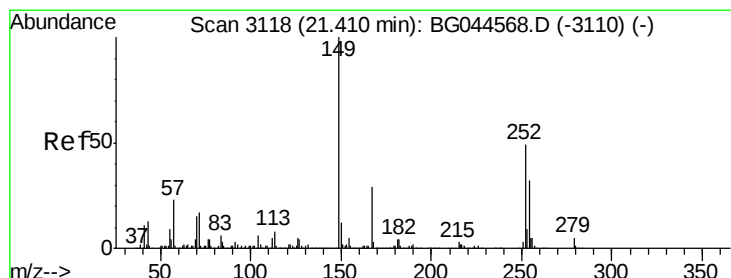
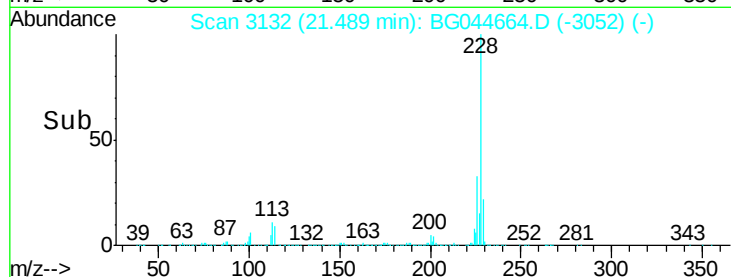
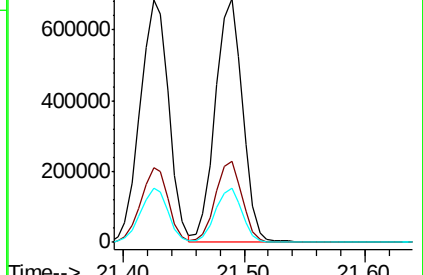
229 22.1 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.841 ng

RT: 21.35 min Scan# 3109

Delta R.T. -0.06 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

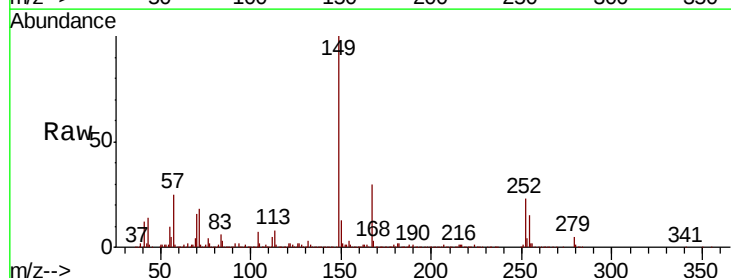
Tgt Ion:149 Resp: 712356

Ion Ratio Lower Upper

149 100

167 30.1 23.4 35.0

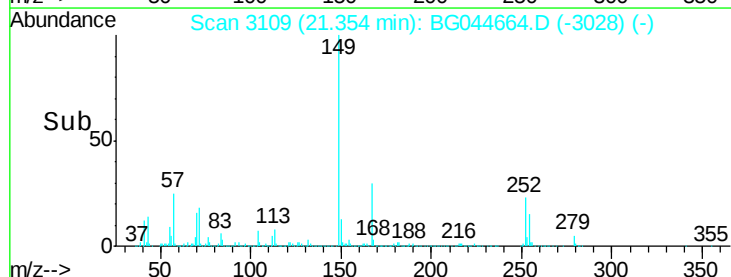
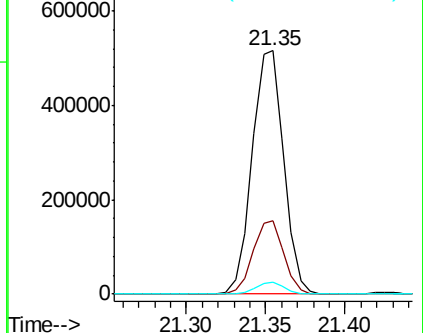
279 5.0 4.2 6.4

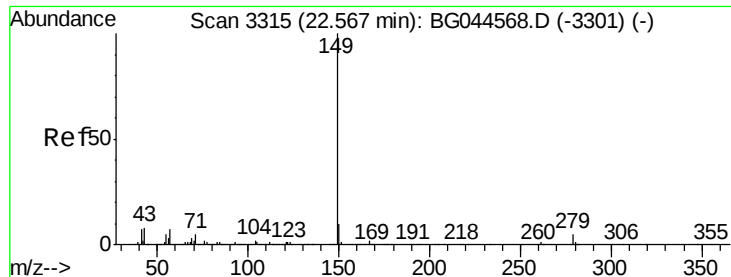


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.211 ng

RT: 22.49 min Scan# 3303

Delta R.T. -0.07 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

ClientSampled :

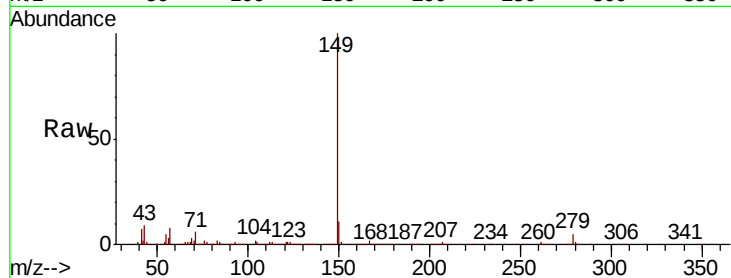
Tot Ion:149 Resp: 1237148

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

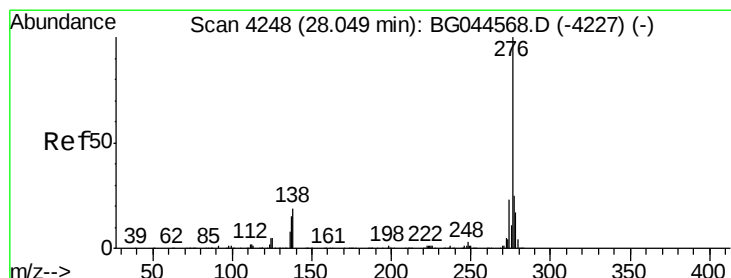
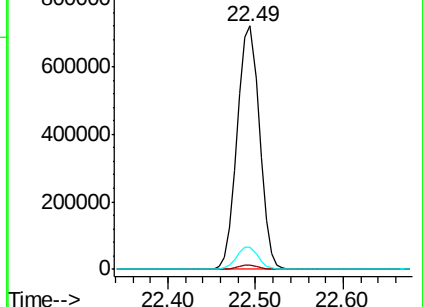
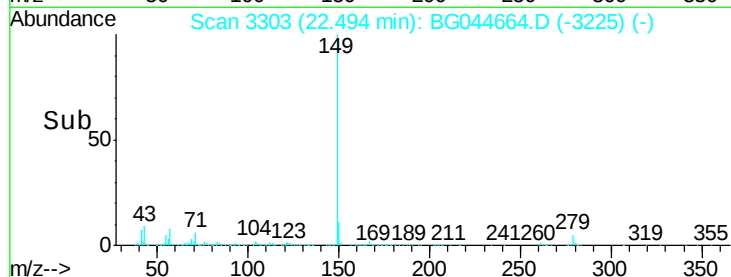
43 8.9 6.6 10.0



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: 47.039 ng

RT: 27.89 min Scan# 4221

Delta R.T. -0.16 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

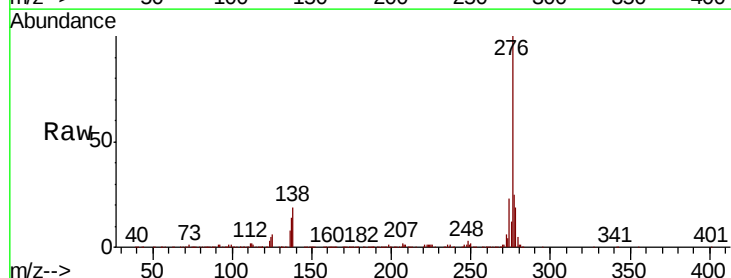
Tgt Ion:276 Resp: 1367524

Ion Ratio Lower Upper

276 100

138 23.3 18.2 27.4

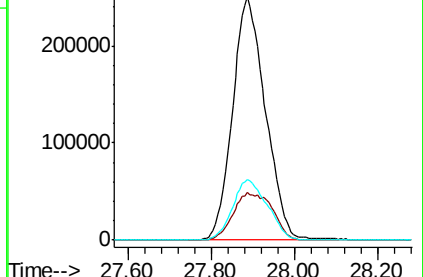
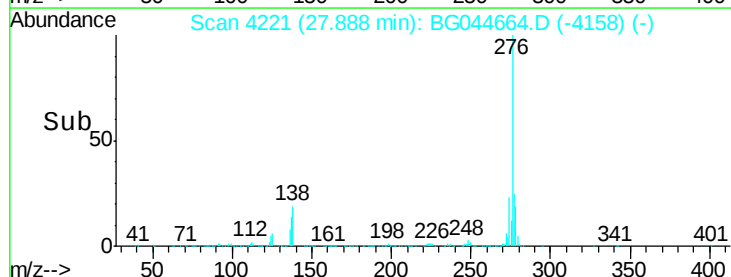
277 26.4 20.7 31.1



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

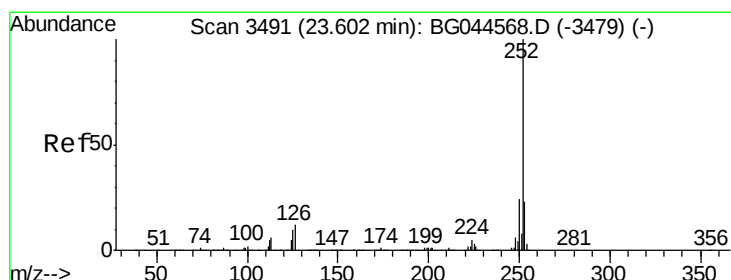
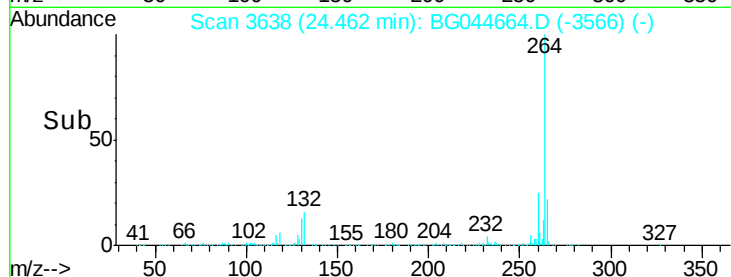
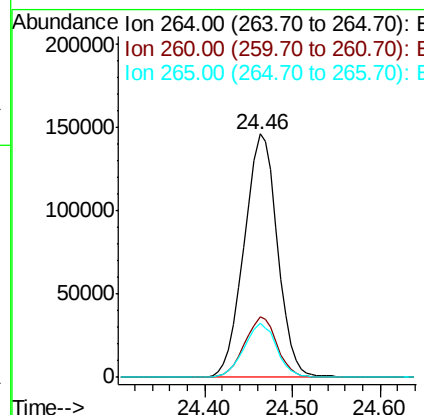
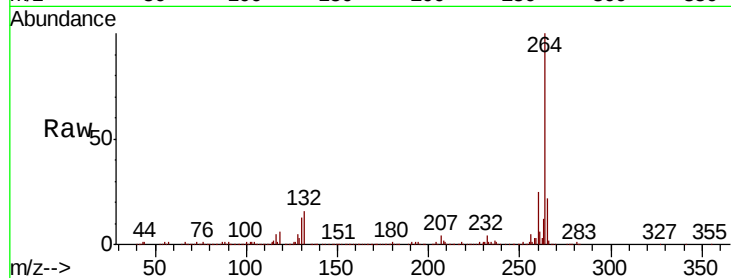




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.46 min Scan# 3638
Delta R.T. -0.11 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

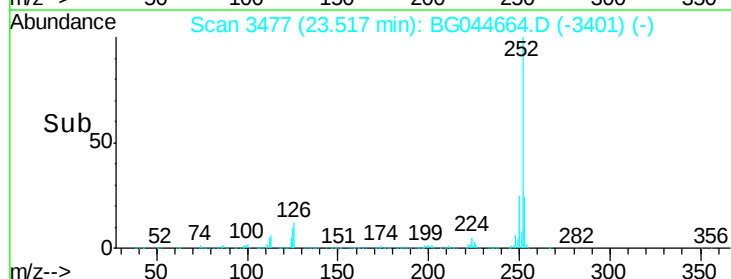
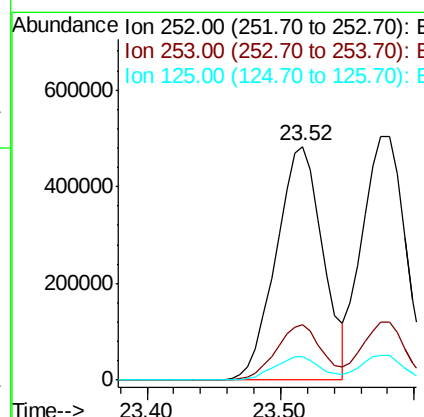
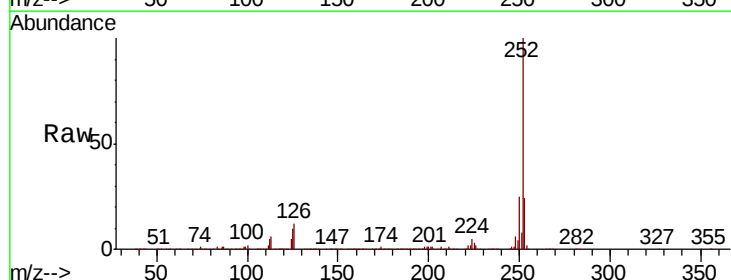
Instrument :
BNA_G
ClientSampleId :

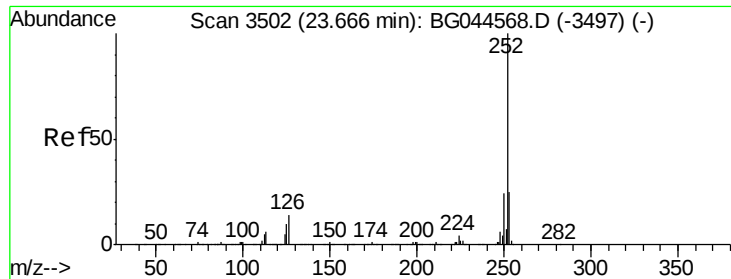
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	22.4	17.8	26.8



#88
Benzo(b)fluoranthene
Concen: 47.462 ng
RT: 23.52 min Scan# 3477
Delta R.T. -0.09 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.4	27.6
125	10.0	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 47.101 ng

RT: 23.58 min Scan# 3487

Delta R.T. -0.09 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

Instrument :

BNA_G

ClientSampleId :

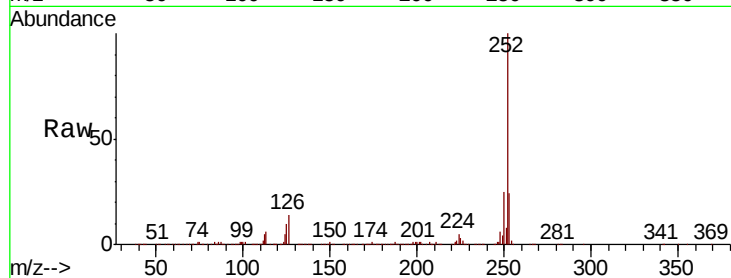
Tot Ion:252 Resp: 1132066

Ion Ratio Lower Upper

252 100

253 23.9 19.0 28.6

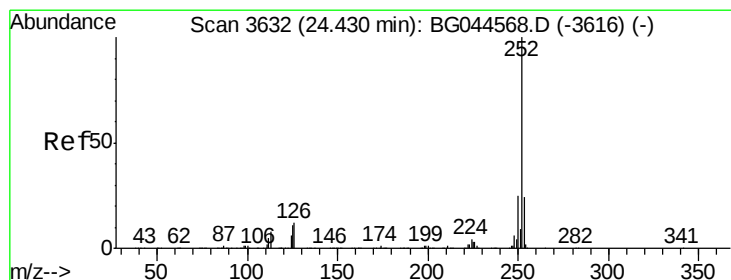
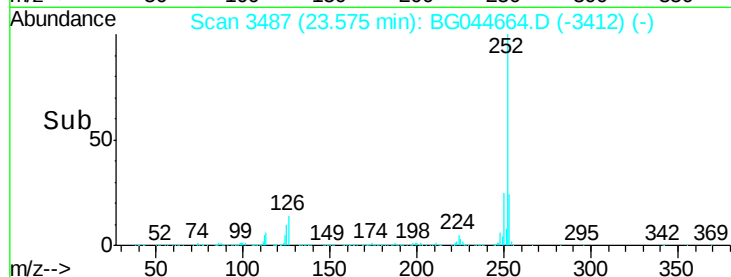
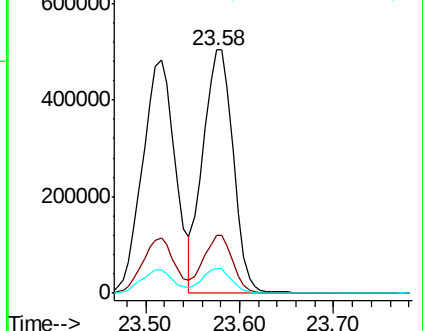
125 9.9 7.8 11.8



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: 46.398 ng

RT: 24.33 min Scan# 3615

Delta R.T. -0.10 min

Lab File: BG044664.D

Acq: 3 Mar 2020 16:04

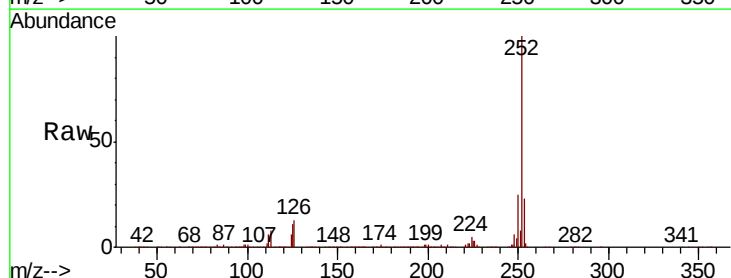
Tgt Ion:252 Resp: 1079850

Ion Ratio Lower Upper

252 100

253 23.3 19.0 28.4

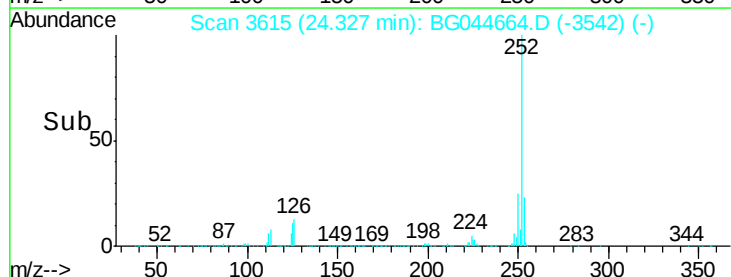
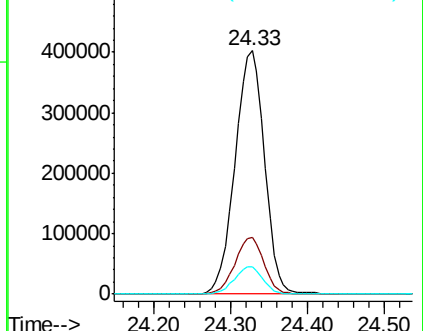
125 11.5 8.5 12.7

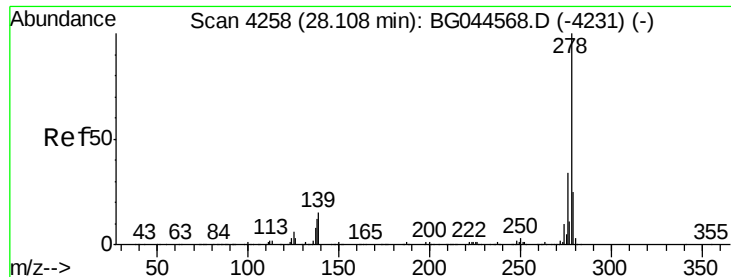


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



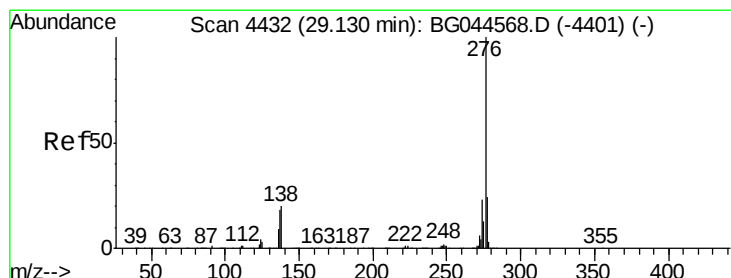
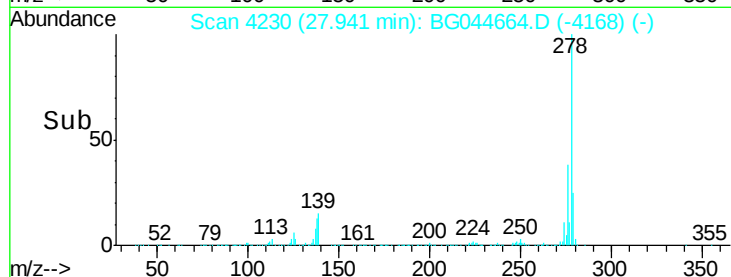
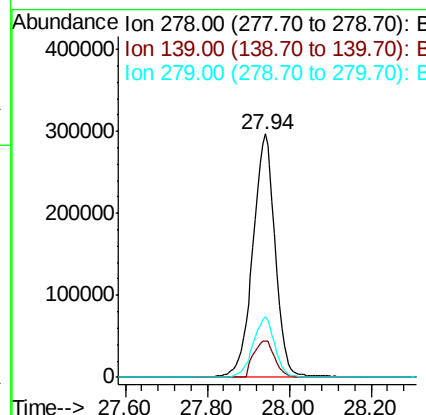
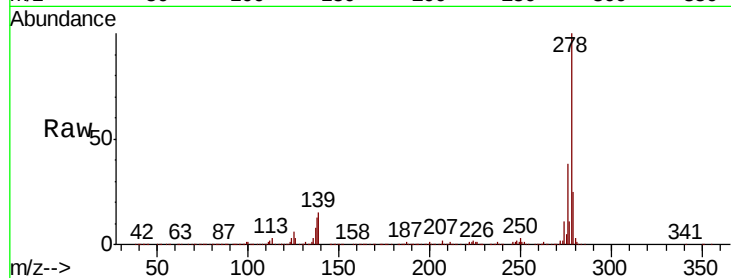


#91
Dibenzo(a,h)anthracene
Concen: 49.028 ng
RT: 27.94 min Scan# 4230
Delta R.T. -0.17 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1128507

Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.7	17.5
279	24.9	19.8	29.6



#92
Benzo(g,h,i)perylene
Concen: 49.656 ng
RT: 28.96 min Scan# 4403
Delta R.T. -0.17 min
Lab File: BG044664.D
Acq: 3 Mar 2020 16:04

Tgt Ion:276 Resp: 1145113

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.5	29.3
138	20.2	16.1	24.1

