

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045687.D
 Acq On : 10 Jun 2020 11:54
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 10 15:19:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	61844	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	246156	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	173486	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	403958	20.00	ng	0.00
76) Chrysene-d12	21.60	240	392298	20.00	ng	0.00
87) Perylene-d12	24.74	264	435402	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	277767	87.78	ng	0.00
7) Phenol-d6	7.13	99	404394	89.78	ng	-0.01
23) Nitrobenzene-d5	9.11	82	404833	89.68	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	187672	84.59	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	903522	88.34	ng	0.00
79) Terphenyl-d14	19.95	244	1514600	90.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	65739	41.892	ng	97
3) Pyridine	3.80	79	190476	43.583	ng	97
4) n-Nitrosodimethylamine	3.72	42	65146	45.552	ng	# 84
6) Aniline	7.28	93	257828	43.851	ng	99
8) 2-Chlorophenol	7.52	128	151856	43.759	ng	98
9) Benzaldehyde	7.08	77	114400	38.984	ng	97
10) Phenol	7.16	94	207028	44.599	ng	93
11) bis(2-Chloroethyl)ether	7.36	93	161681	44.653	ng	96
12) 1,3-Dichlorobenzene	7.84	146	179030	42.930	ng	98
13) 1,4-Dichlorobenzene	7.98	146	181935	44.207	ng	100
14) 1,2-Dichlorobenzene	8.30	146	170295	43.022	ng	97
15) Benzyl Alcohol	8.19	79	169659	45.598	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.47	45	150558	43.806	ng	99
17) 2-Methylphenol	8.41	107	154377	44.431	ng	99
18) Hexachloroethane	9.03	117	69474	44.076	ng	98
19) n-Nitroso-di-n-propylamine	8.76	70	140322	45.053	ng	95
20) 3+4-Methylphenols	8.74	107	212137	44.836	ng	97
22) Acetophenone	8.77	105	258199	44.256	ng	95
24) Nitrobenzene	9.15	77	218041	45.084	ng	95
25) Isophorone	9.68	82	386975	43.530	ng	98
26) 2-Nitrophenol	9.87	139	92602	44.759	ng	94
27) 2,4-Dimethylphenol	9.94	122	133652	43.556	ng	96
28) bis(2-Chloroethoxy)methane	10.16	93	204743	43.916	ng	99
29) 2,4-Dichlorophenol	10.41	162	161357	44.531	ng	97
30) 1,2,4-Trichlorobenzene	10.62	180	187183	43.717	ng	97
31) Naphthalene	10.81	128	501496	43.720	ng	99
32) Benzoic acid	10.11	122	63176	33.974	ng	94
33) 4-Chloroaniline	10.92	127	212164	44.249	ng	97
34) Hexachlorobutadiene	11.09	225	135189	44.667	ng	97
35) Caprolactam	11.69	113	53533	40.250	ng	# 80
36) 4-Chloro-3-methylphenol	12.06	107	179957	44.074	ng	95
37) 2-Methylnaphthalene	12.41	142	377621	44.168	ng	96
38) 1-Methylnaphthalene	12.63	142	360530	44.641	ng	# 98
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	213335	44.025	ng	99

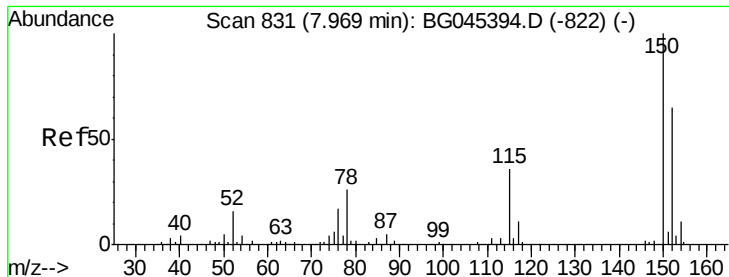
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045687.D
 Acq On : 10 Jun 2020 11:54
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 10 15:19:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	108493	38.791	ng	95
43) 2,4,6-Trichlorophenol	13.03	196	143023	42.489	ng	99
44) 2,4,5-Trichlorophenol	13.12	196	162204	42.168	ng	98
46) 1,1'-Biphenyl	13.42	154	461688	43.311	ng	99
47) 2-Chloronaphthalene	13.47	162	367983	42.511	ng	99
48) 2-Nitroaniline	13.67	65	126183	44.315	ng	94
49) Acenaphthylene	14.31	152	598130	43.018	ng	99
50) Dimethylphthalate	14.05	163	496972	41.759	ng	99
51) 2,6-Dinitrotoluene	14.17	165	114581	42.667	ng	97
52) Acenaphthene	14.65	154	358224	38.489	ng	97
53) 3-Nitroaniline	14.50	138	114126	41.806	ng	96
54) 2,4-Dinitrophenol	14.71	184	59474	36.960	ng	97
55) Dibenzofuran	14.99	168	592557	42.873	ng	96
56) 4-Nitrophenol	14.84	139	72542	35.099	ng	91
57) 2,4-Dinitrotoluene	14.96	165	163217	41.966	ng	98
58) Fluorene	15.64	166	492183	43.346	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	134852	39.848	ng	98
60) Diethylphthalate	15.41	149	517146	41.749	ng	98
61) 4-Chlorophenyl-phenylether	15.63	204	282106	43.416	ng	96
62) 4-Nitroaniline	15.66	138	115406	40.495	ng	94
63) Azobenzene	15.92	77	497625	43.084	ng	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	100281	42.625	ng	95
66) n-Nitrosodiphenylamine	15.85	169	427126	44.038	ng	98
67) 4-Bromophenyl-phenylether	16.53	248	195535	44.702	ng	96
68) Hexachlorobenzene	16.65	284	202666	44.298	ng	98
69) Atrazine	16.80	200	156460	39.165	ng	99
70) Pentachlorophenol	17.00	266	84120	35.411	ng	99
71) Phenanthrene	17.39	178	778595	44.151	ng	99
72) Anthracene	17.47	178	776470	43.844	ng	97
73) Carbazole	17.74	167	751079	43.509	ng	99
74) Di-n-butylphthalate	18.30	149	892320	43.067	ng	99
75) Fluoranthene	19.39	202	974879	43.462	ng	99
77) Benzidine	19.58	184	357690	32.465	ng	99
78) Pyrene	19.75	202	983293	43.970	ng	99
80) Butylbenzylphthalate	20.64	149	415916	43.089	ng	96
81) Benzo(a)anthracene	21.58	228	976406	44.679	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	362365	42.271	ng	99
83) Chrysene	21.64	228	935254	44.508	ng	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	585821	44.151	ng	99
85) Di-n-octyl phthalate	22.67	149	991652	43.515	ng	100
86) Indeno(1,2,3-cd)pyrene	28.31	276	1199541	43.654	ng	# 97
88) Benzo(b)fluoranthene	23.75	252	1059545	45.374	ng	99
89) Benzo(k)fluoranthene	23.81	252	990308	45.141	ng	99
90) Benzo(a)pyrene	24.60	252	971731	44.682	ng	99
91) Dibenzo(a,h)anthracene	28.37	278	966951	44.246	ng	97
92) Benzo(g,h,i)perylene	29.43	276	961756	44.002	ng	98

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

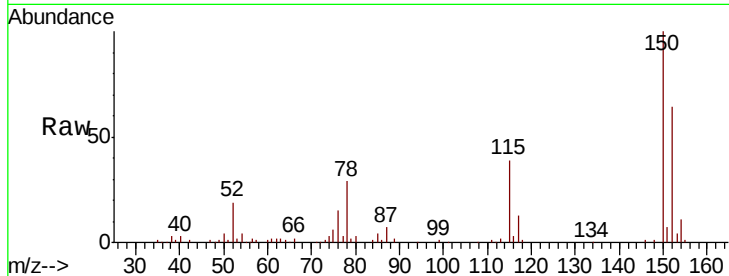


#1

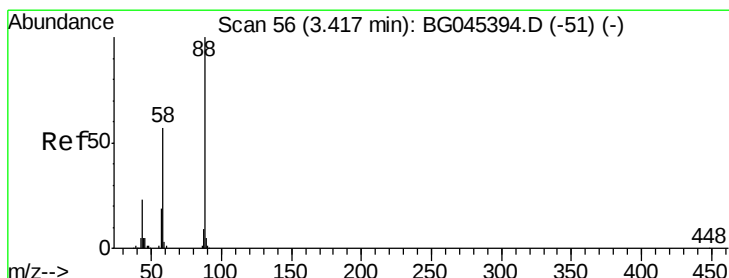
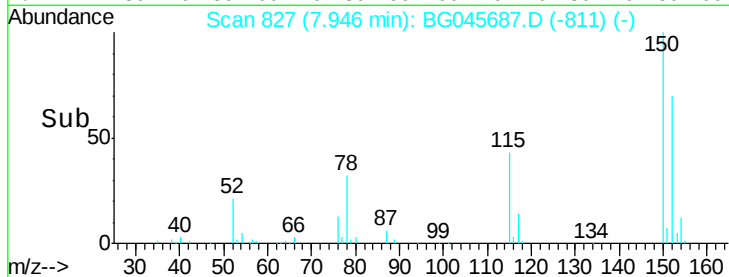
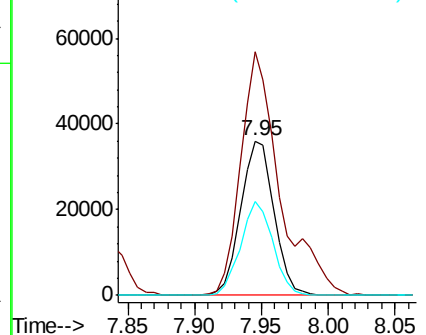
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 61844
Ion Ratio Lower Upper
152 100
150 157.4 122.4 183.6
115 60.9 44.2 66.4



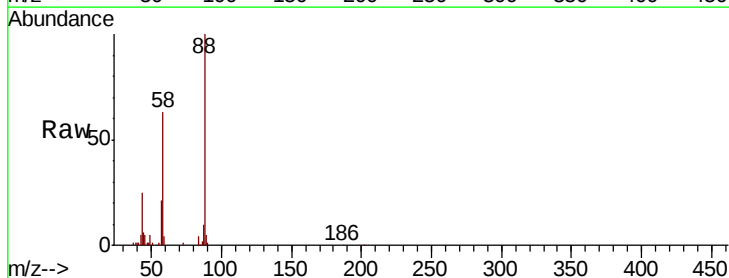
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



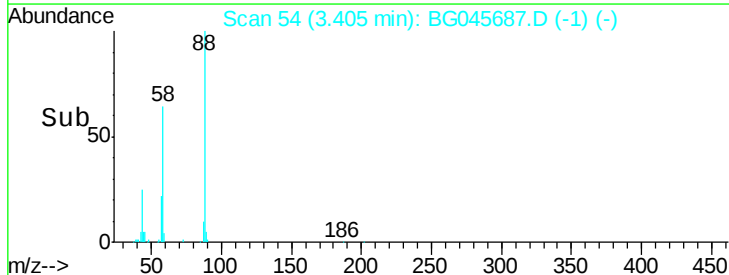
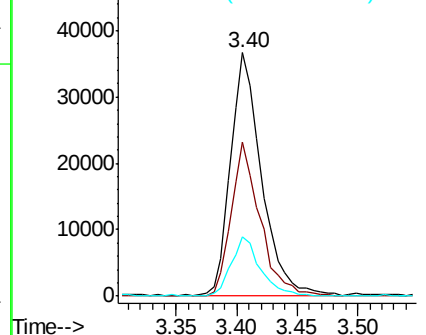
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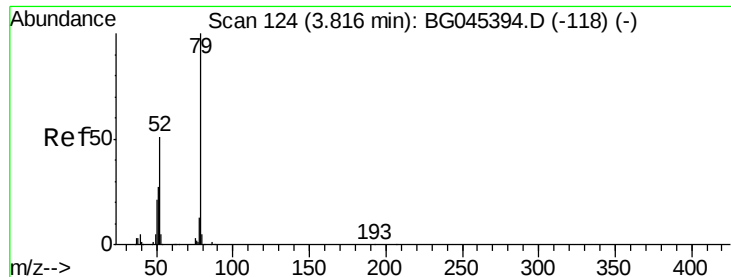
1,4-Dioxane
Concen: 41.892 ng
RT: 3.40 min Scan# 54
Delta R.T. 0.01 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

Tgt Ion: 88 Resp: 65739
Ion Ratio Lower Upper
88 100
58 58.5 45.7 68.5
43 23.0 16.8 25.2



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





#3

Pvridine

Concen: 43.583 ng

RT: 3.80 min Scan# 122

Delta R.T. 0.00 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

Instrument :

BNA_G

ClientSampleId :

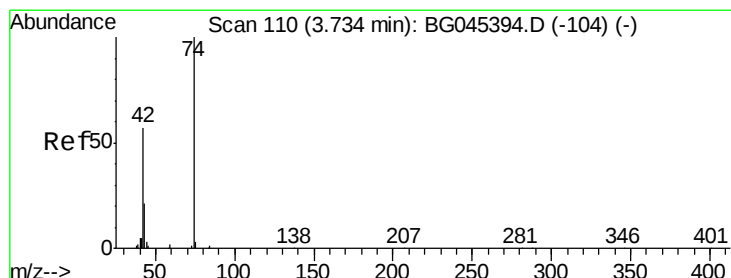
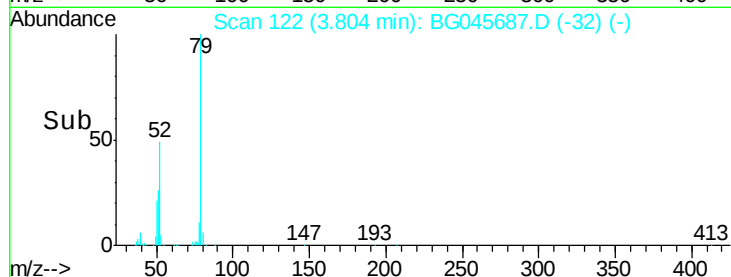
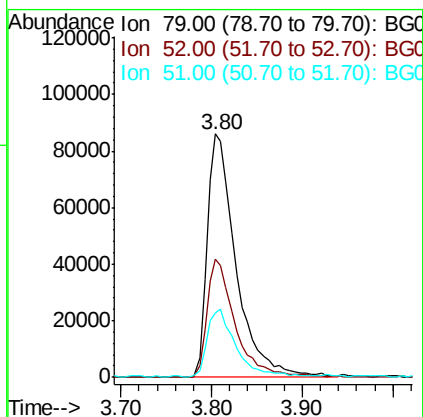
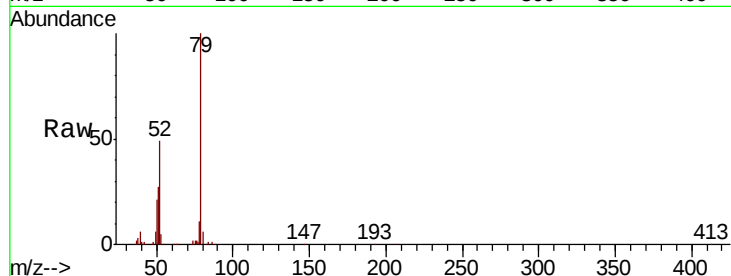
Tot Ion: 79 Resp: 190476

Ion Ratio Lower Upper

79 100

52 48.7 40.8 61.2

51 26.6 21.9 32.9



#4

n-Nitrosodimethylamine

Concen: 45.552 ng

RT: 3.72 min Scan# 108

Delta R.T. 0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

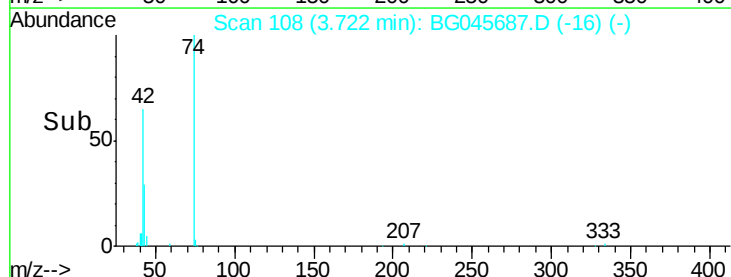
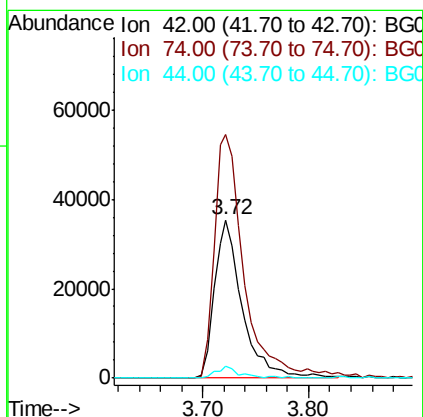
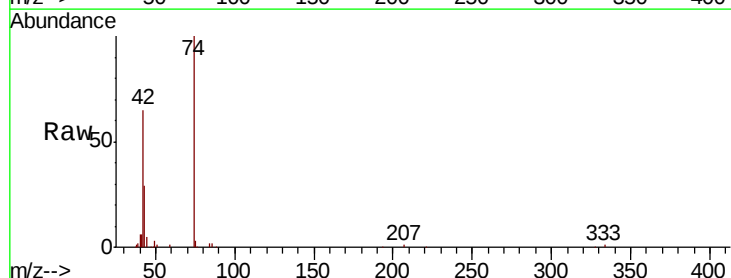
Tgt Ion: 42 Resp: 65146

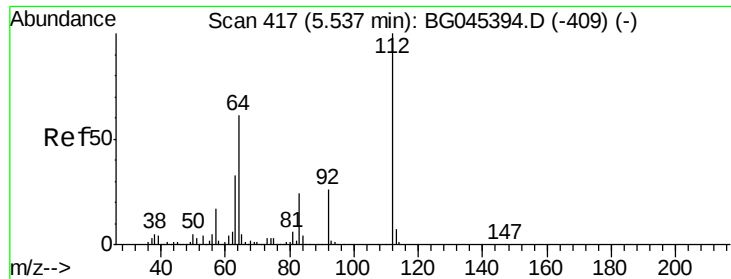
Ion Ratio Lower Upper

42 100

74 153.8 141.3 211.9

44 7.6 4.2 6.4#





#5

2-Fluorophenol

Concen: 87.776 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

Instrument :

BNA_G

ClientSampleId :

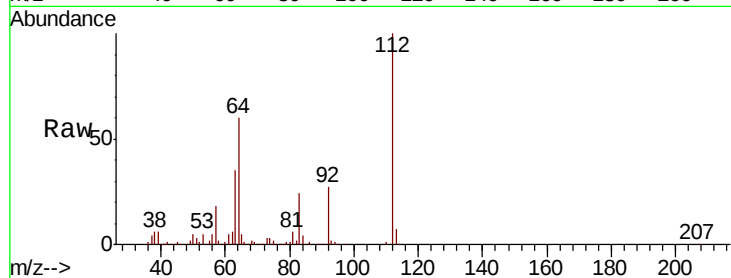
Tot Ion:112 Resp: 277767

Ion Ratio Lower Upper

112 100

64 59.6 48.6 72.8

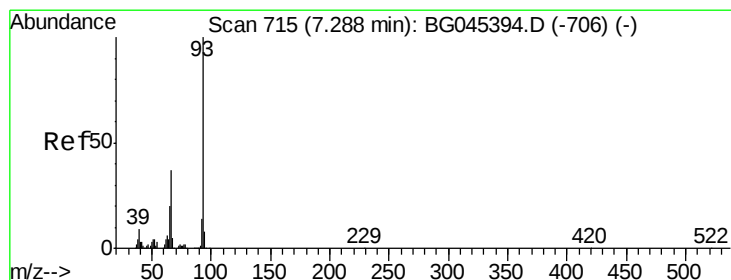
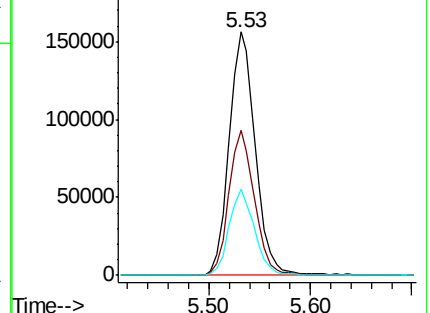
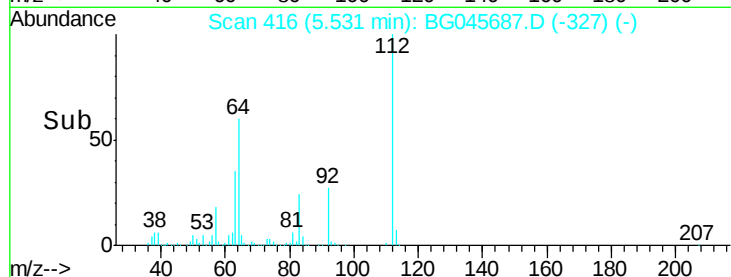
63 35.4 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 43.851 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

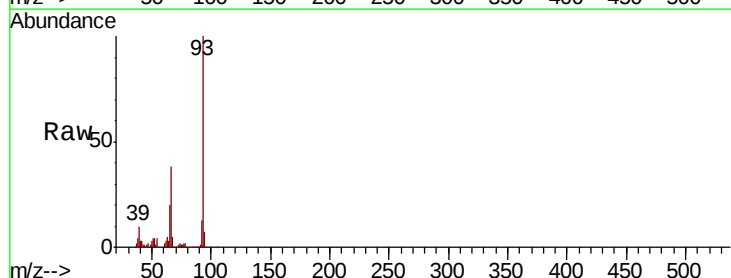
Tgt Ion: 93 Resp: 257828

Ion Ratio Lower Upper

93 100

66 37.9 29.6 44.4

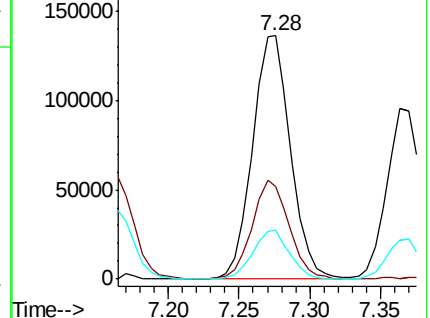
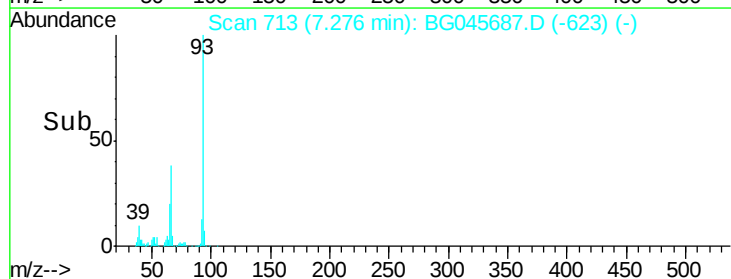
65 20.3 15.9 23.9



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 89.784 ng

RT: 7.13 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

Instrument :

BNA_G

ClientSampled :

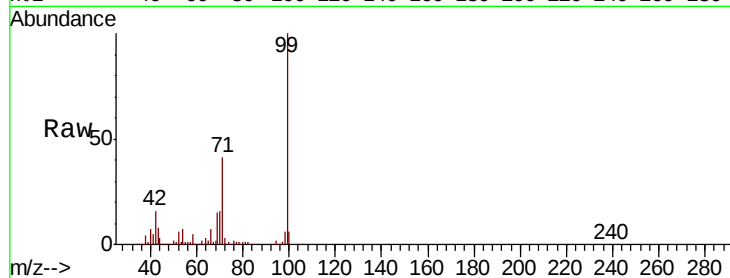
Tot Ion: 99 Resp: 404394

Ion Ratio Lower Upper

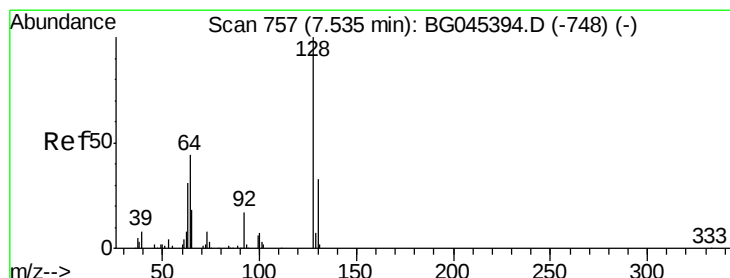
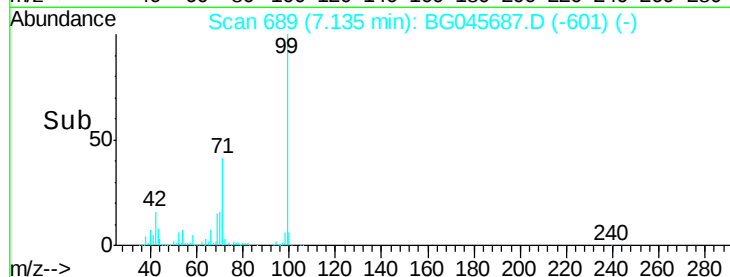
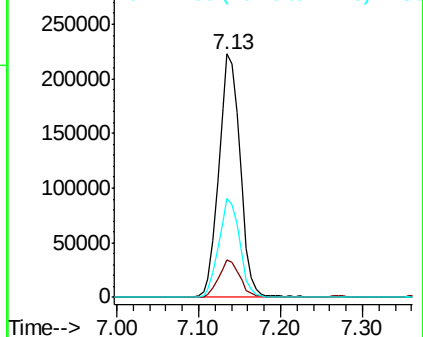
99 100

42 15.6 11.3 16.9

71 40.9 30.8 46.2



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: 43.759 ng

RT: 7.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

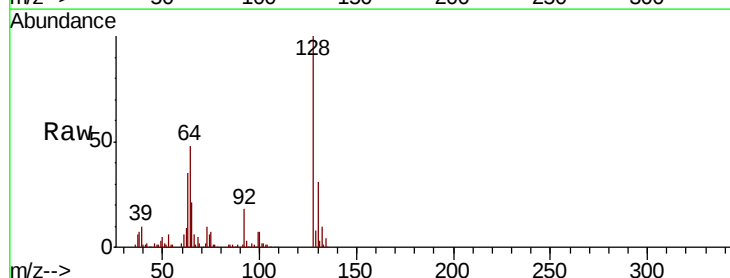
Tgt Ion: 128 Resp: 151856

Ion Ratio Lower Upper

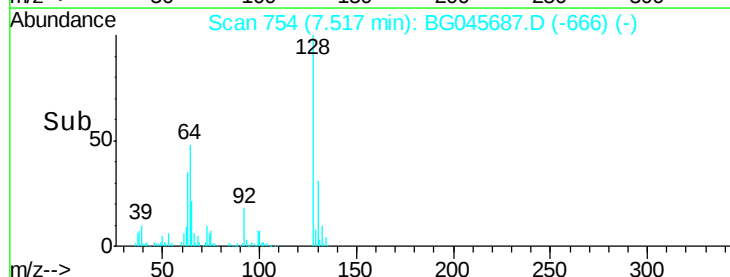
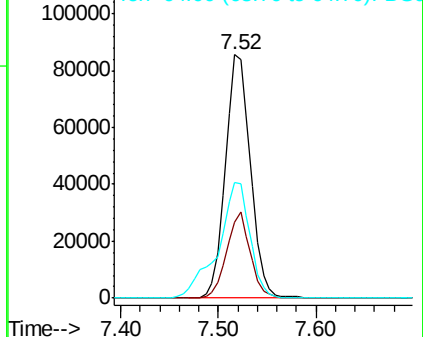
128 100

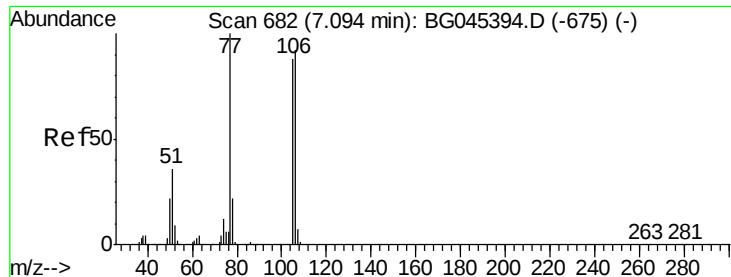
130 31.2 12.6 52.6

64 47.6 27.0 67.0



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: 38.984 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

Instrument :

BNA_G

ClientSampleId :

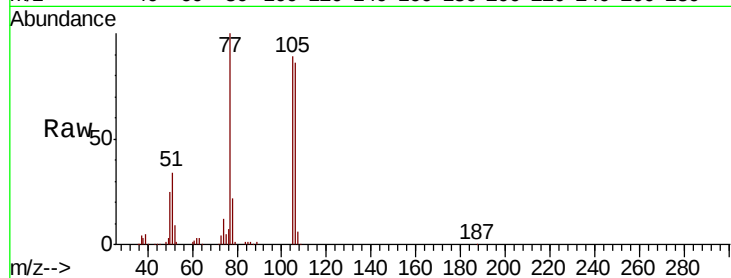
Tot Ion: 77 Resp: 114400

Ion Ratio Lower Upper

77 100

105 88.7 68.5 108.5

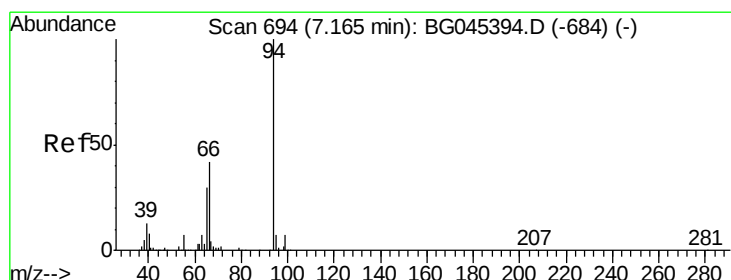
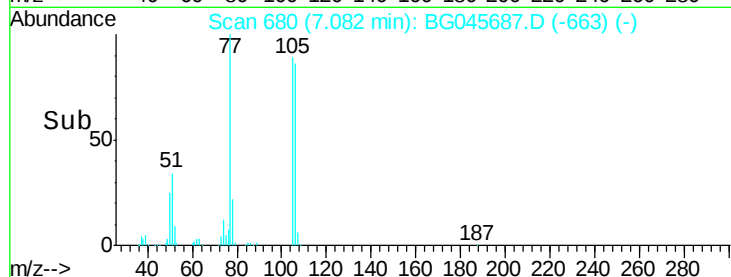
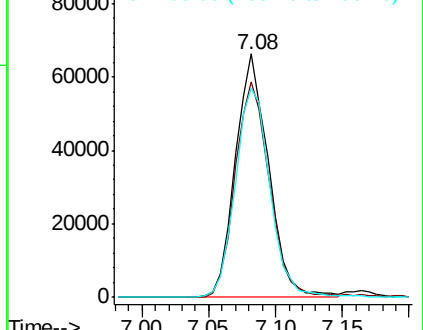
106 85.6 71.6 111.6



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: 44.599 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

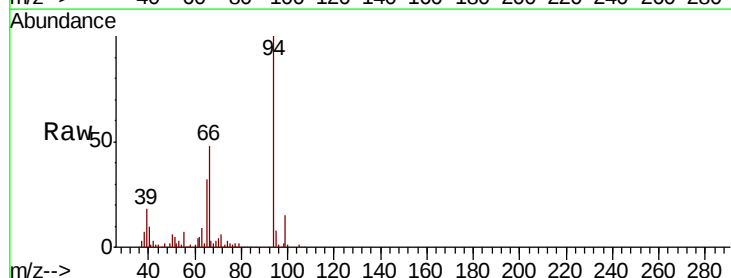
Tgt Ion: 94 Resp: 207028

Ion Ratio Lower Upper

94 100

65 32.1 9.8 49.8

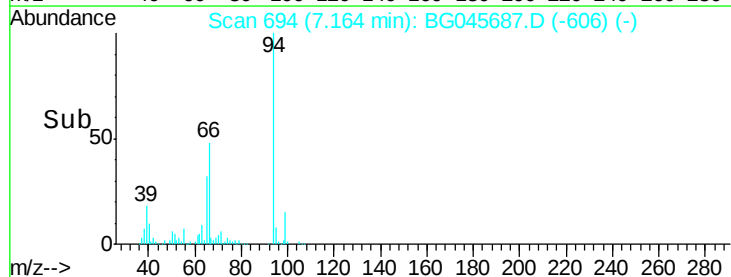
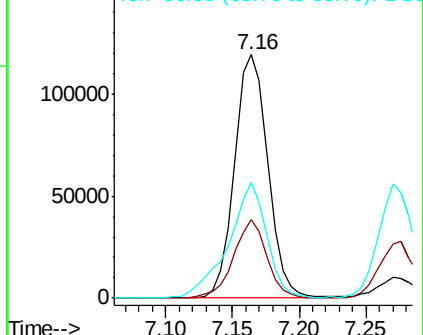
66 47.6 22.0 62.0

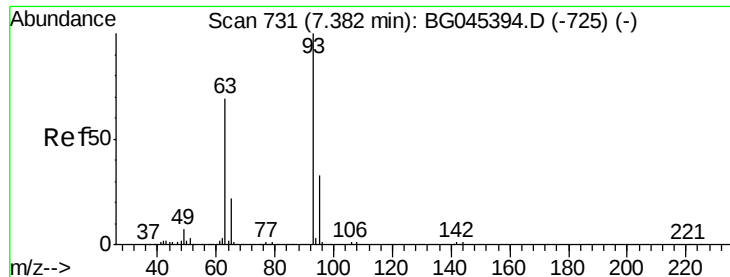


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

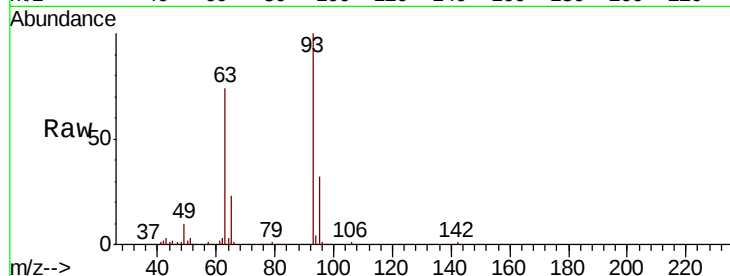




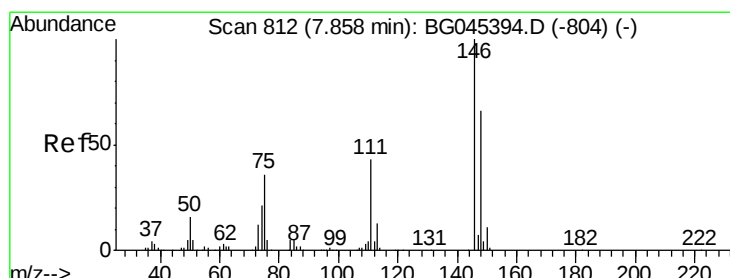
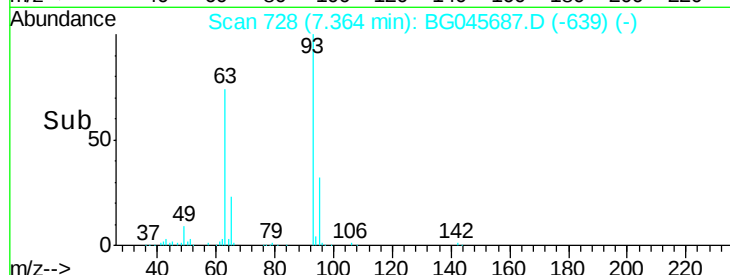
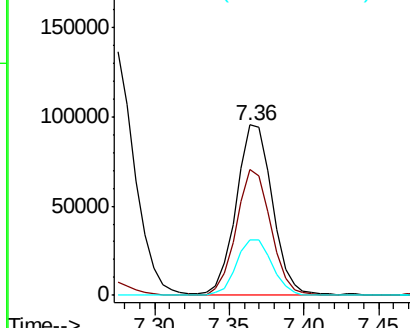
#11
bis(2-Chloroethyl)ether
Concen: 44.653 ng
RT: 7.36 min Scan# 728
Delta R.T. -0.01 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.6	48.4	88.4
95	32.4	12.4	52.4

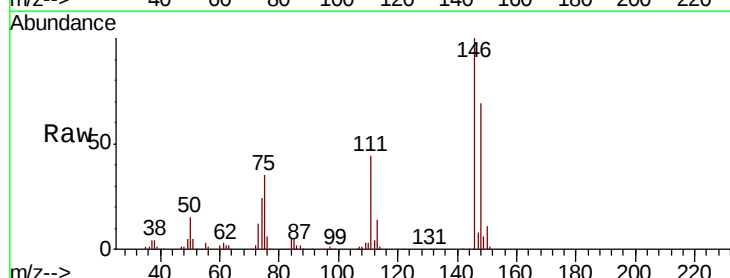


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

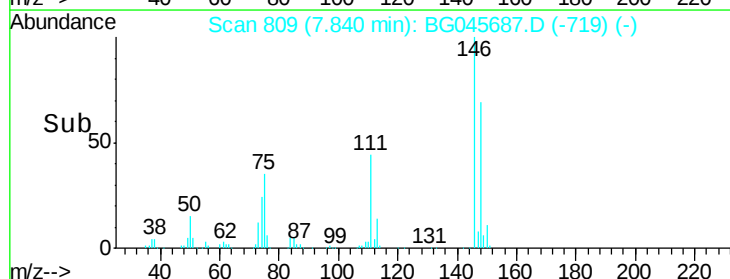
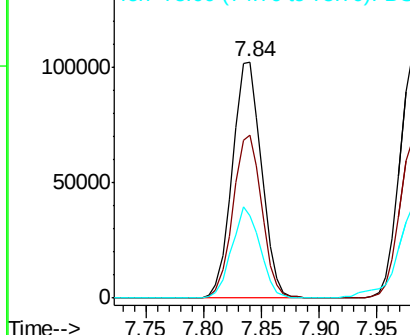


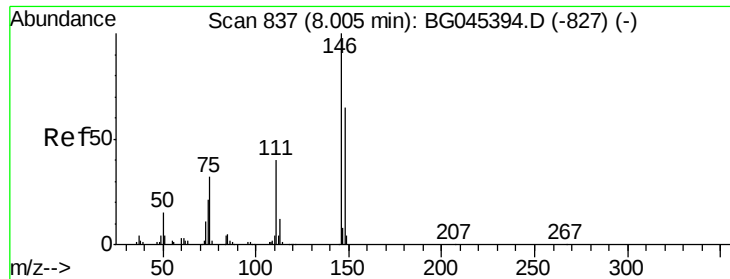
#12
1,3-Dichlorobenzene
Concen: 42.930 ng
RT: 7.84 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.0	53.2	79.8
75	35.1	28.6	43.0



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

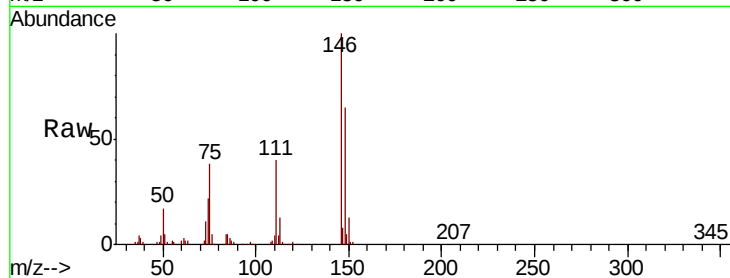




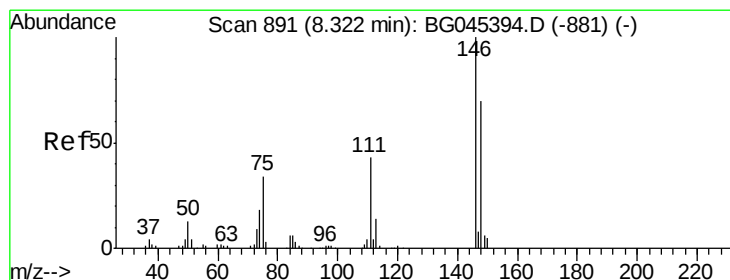
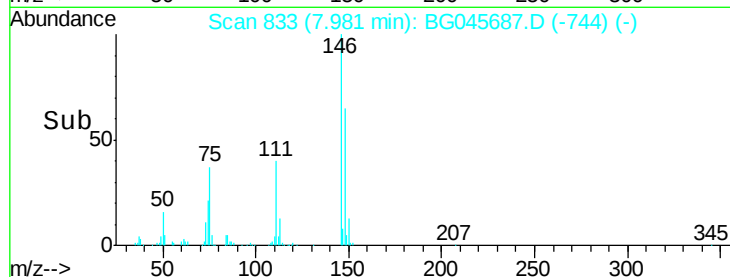
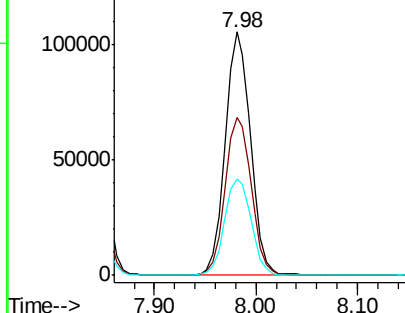
#13
 1,4-Dichlorobenzene
 Concen: 44.207 ng
 RT: 7.98 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BG045687.D
 Acq: 10 Jun 2020 11:54

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
111	39.7	32.1	48.1

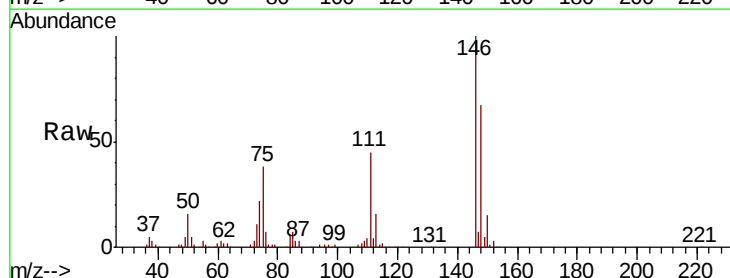


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

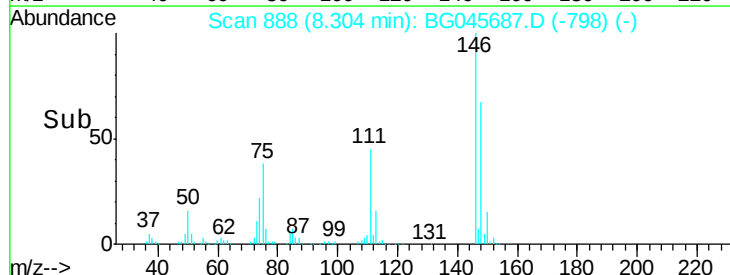
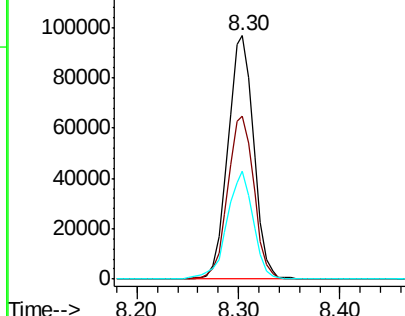


#14
 1,2-Dichlorobenzene
 Concen: 43.022 ng
 RT: 8.30 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BG045687.D
 Acq: 10 Jun 2020 11:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.1	55.9	83.9
111	44.5	35.0	52.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.598 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

Instrument :

BNA_G

ClientSampleId :

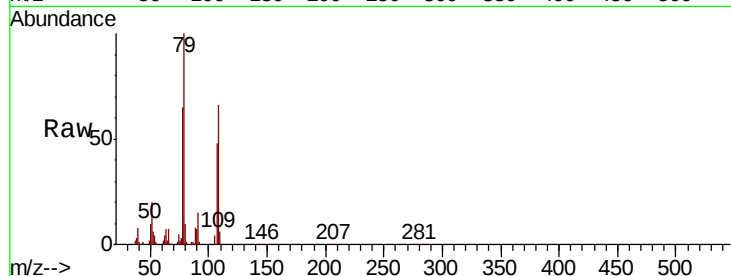
Tot Ion: 79 Resp: 169659

Ion Ratio Lower Upper

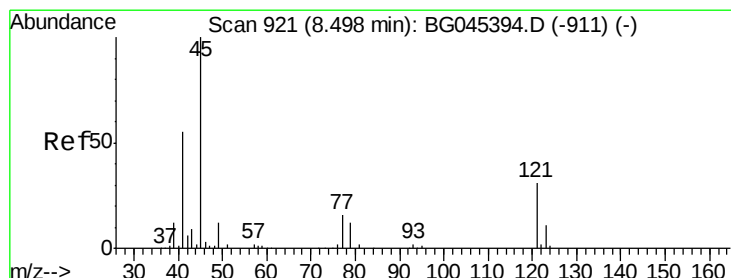
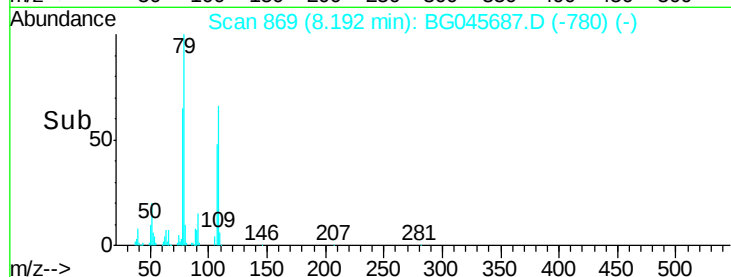
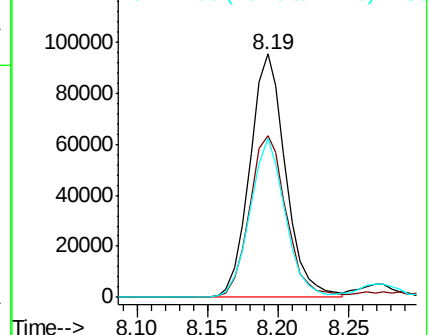
79 100

108 66.4 58.2 87.4

77 65.4 51.0 76.4



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: 43.806 ng

RT: 8.47 min Scan# 917

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

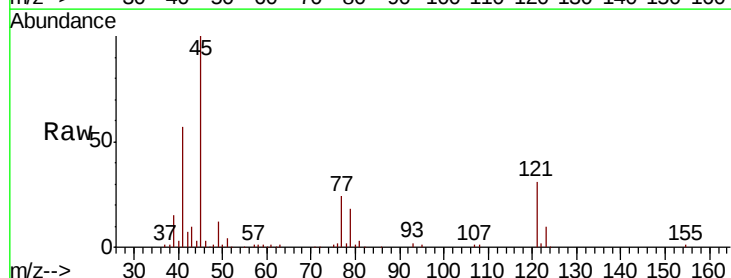
Tgt Ion: 45 Resp: 150558

Ion Ratio Lower Upper

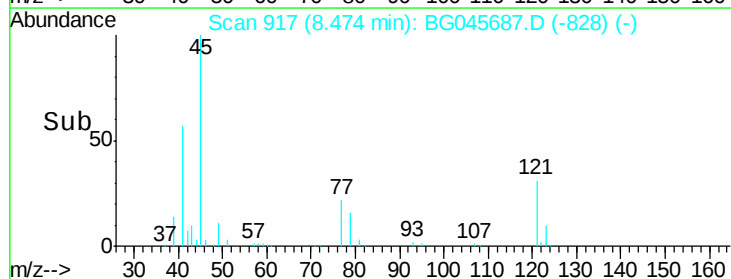
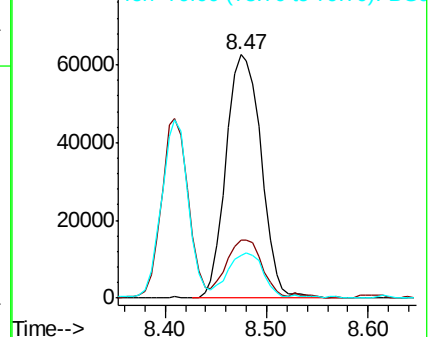
45 100

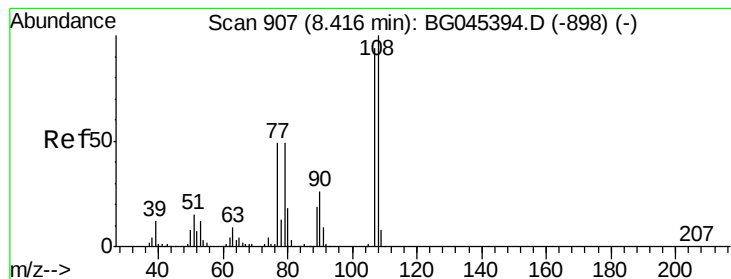
77 24.1 4.0 44.0

79 17.6 0.0 38.6



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





#17

2-Methylphenol

Concen: 44.431 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG045687.D

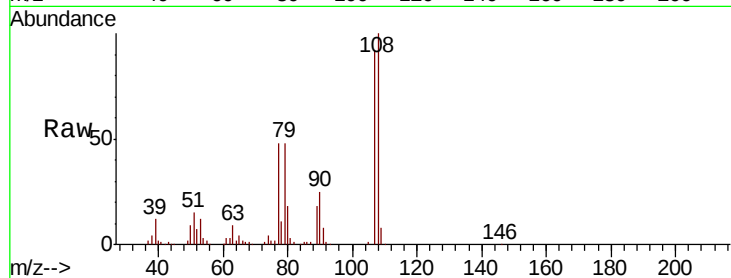
Acq: 10 Jun 2020 11:54

Instrument :

BNA_G

ClientSampled :

Tot Ion:	107	Resp:	154377
Ion	Ratio	Lower	Upper
107	100		
108	108.3	85.2	127.8
77	52.2	41.6	62.4
79	51.9	41.8	62.8



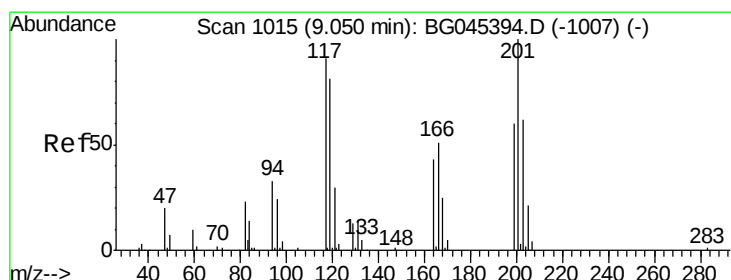
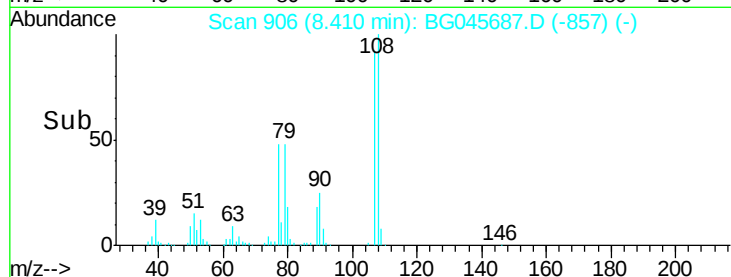
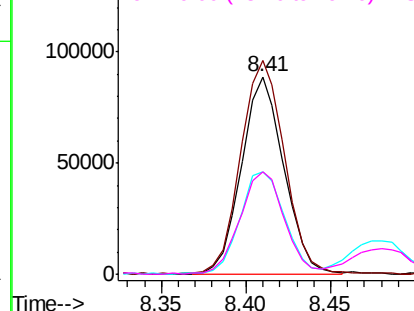
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 44.076 ng

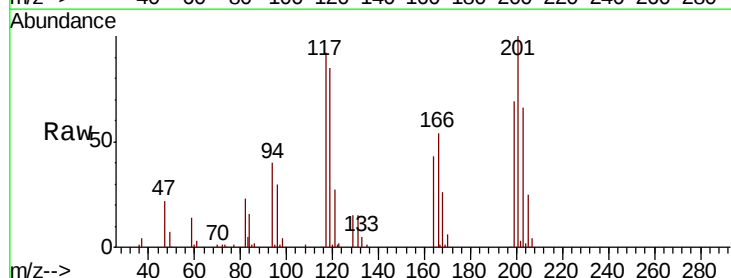
RT: 9.03 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

Tgt Ion:	117	Resp:	69474
Ion	Ratio	Lower	Upper
117	100		
119	92.5	71.3	106.9
201	108.9	87.5	131.3

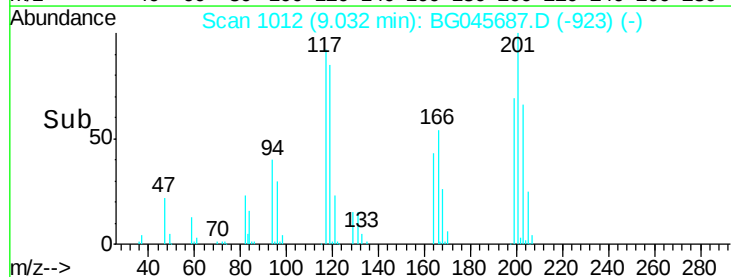
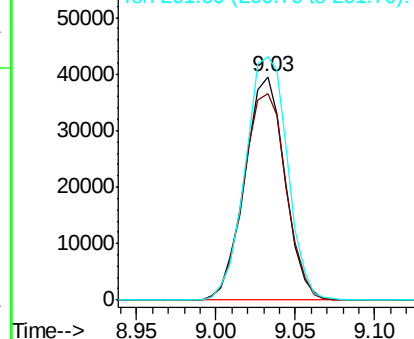


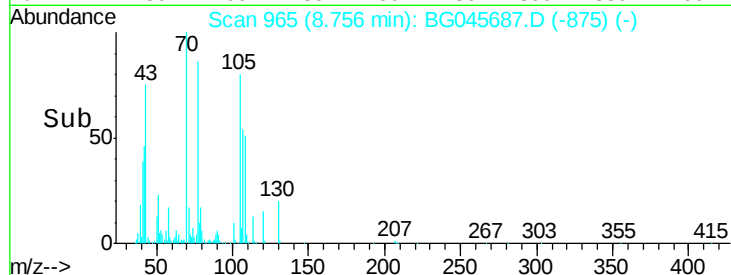
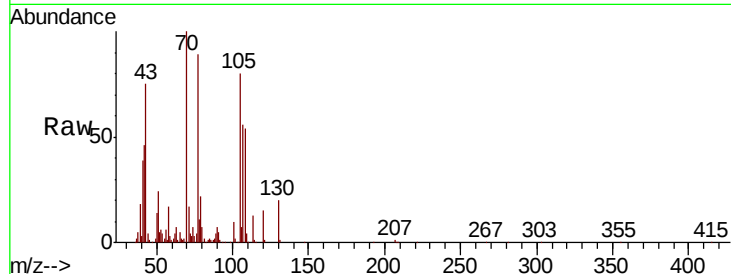
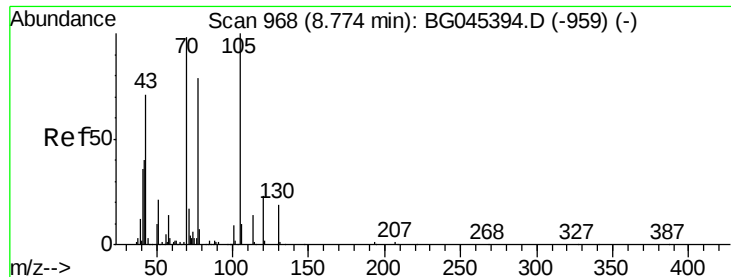
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

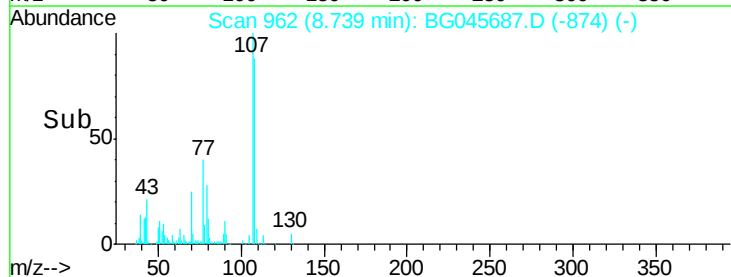
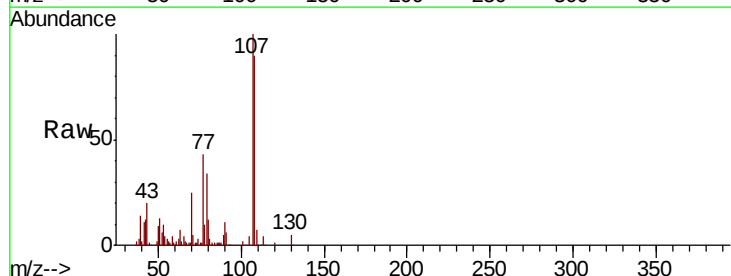
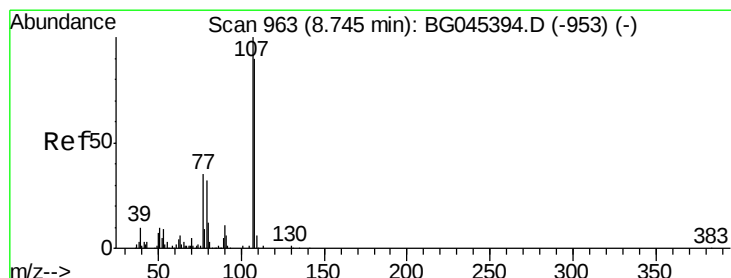
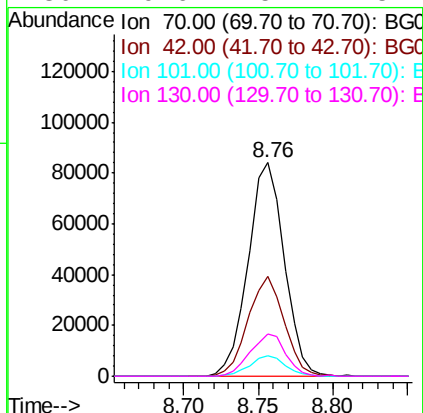




#19
n-Nitroso-di-n-propylamine
Concen: 45.053 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

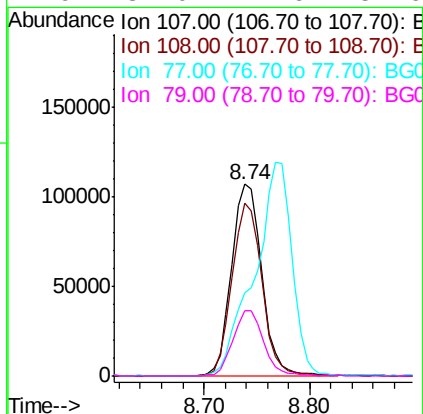
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	140322
Ion	Ratio	Lower	Upper
70	100		
42	46.5	33.2	49.8
101	9.6	7.8	11.6
130	19.6	15.4	23.2



#20
3+4-Methylphenols
Concen: 44.836 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

Tgt Ion:	107	Resp:	212137
Ion	Ratio	Lower	Upper
107	100		
108	90.3	70.3	110.3
77	43.1	15.4	55.4
79	34.0	12.6	52.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 246156

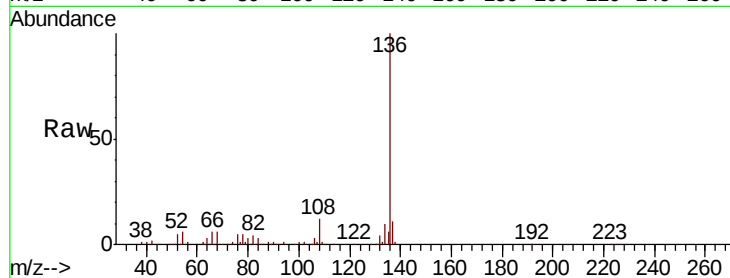
Ion Ratio Lower Upper

136 100

137 10.7 9.4 14.2

54 6.2 5.8 8.6

68 5.5 4.5 6.7

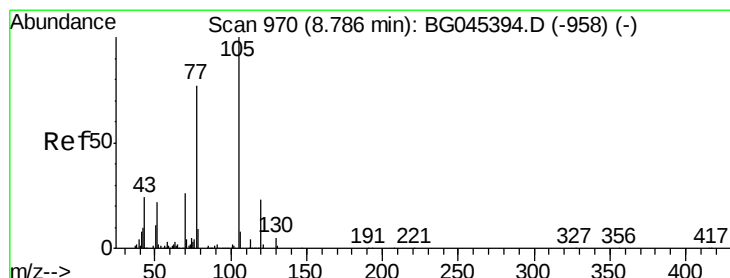
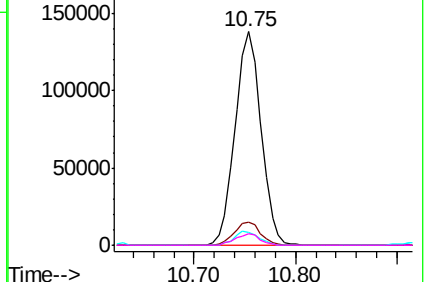
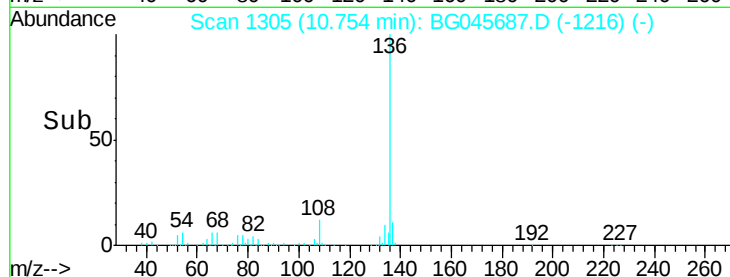


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.256 ng

RT: 8.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

Tgt Ion:105 Resp: 258199

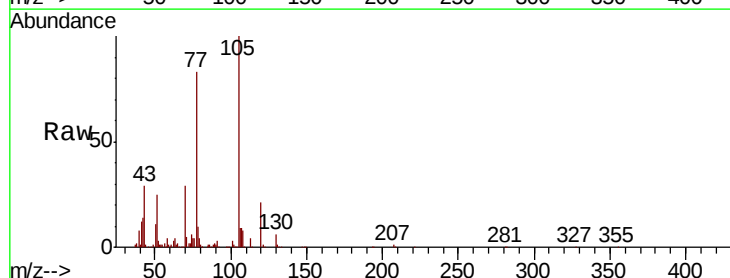
Ion Ratio Lower Upper

105 100

71 4.9 3.4 5.0

51 25.3 18.2 27.2

120 21.1 18.6 27.8

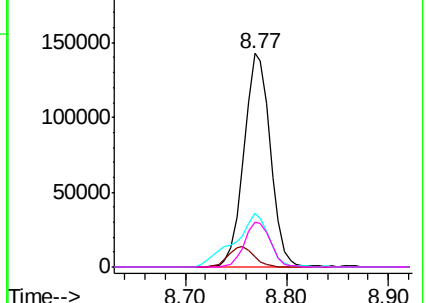
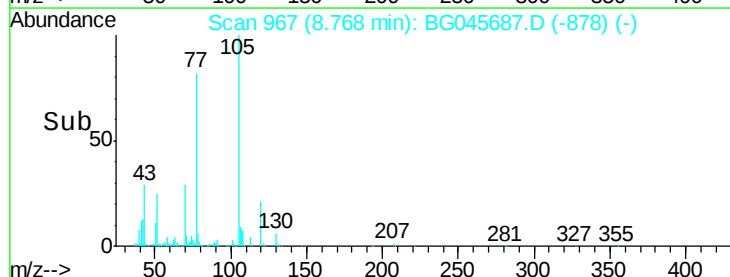


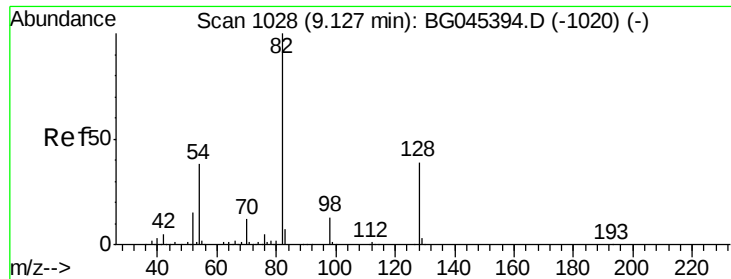
Abundance Ion 105.00 (104.70 to 105.70): E

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

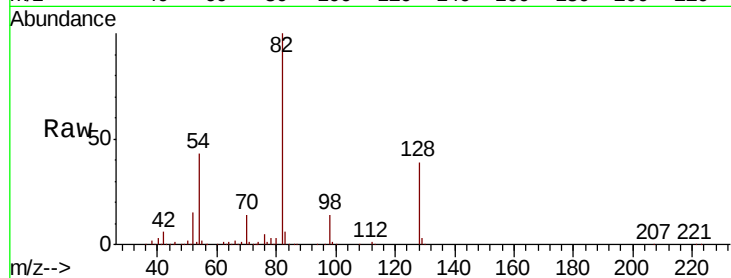




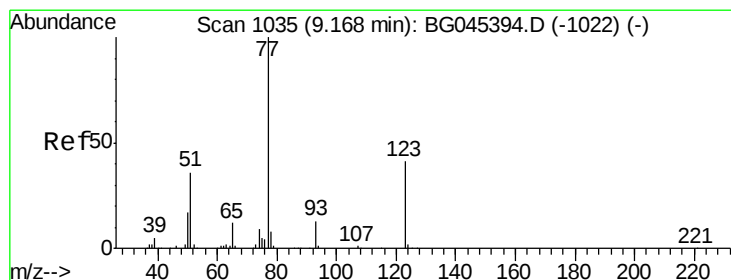
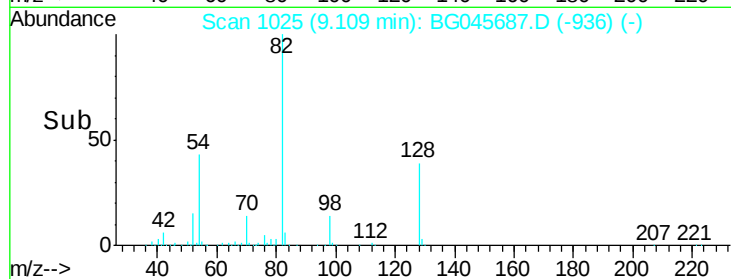
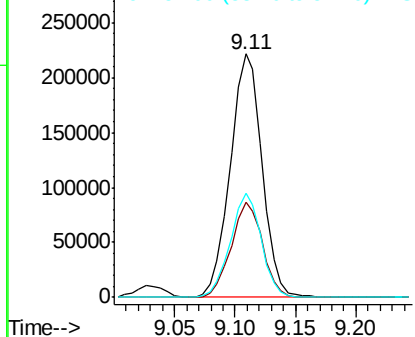
#23
Nitrobenzene-d5
Concen: 89.684 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	404833
Ion Ratio	100	Lower	Upper
128	39.2	30.9	46.3
54	42.5	30.3	45.5

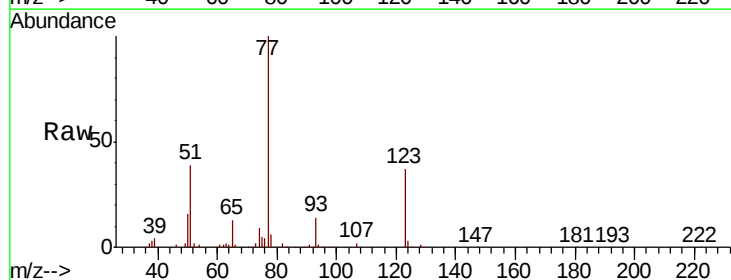


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

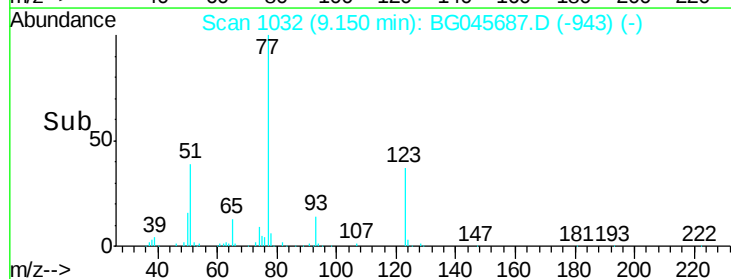
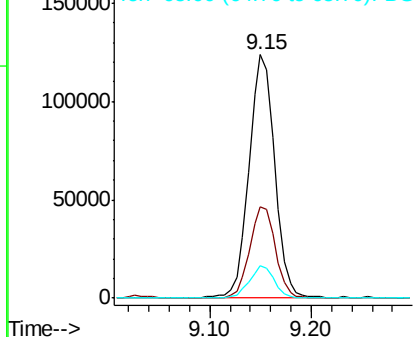


#24
Nitrobenzene
Concen: 45.084 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

Tgt Ion	77	Resp	218041
Ion Ratio	100	Lower	Upper
123	37.3	32.9	49.3
65	13.1	9.4	14.2



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: 43.530 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

Instrument :

BNA_G

ClientSampleId :

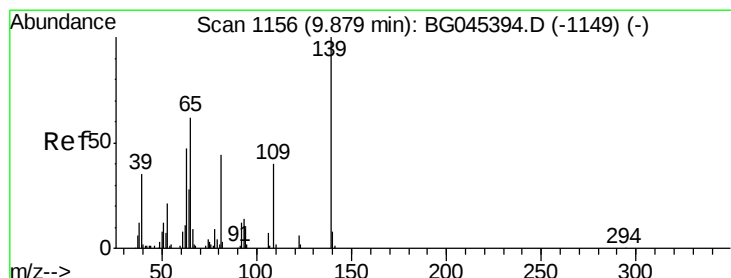
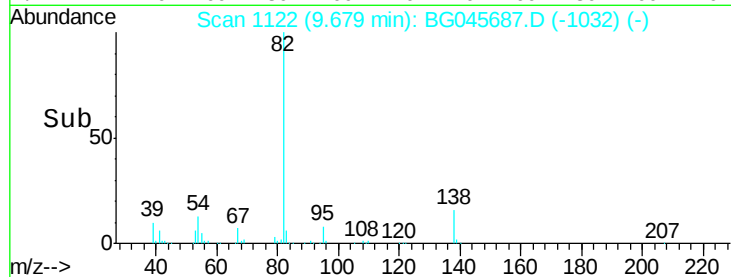
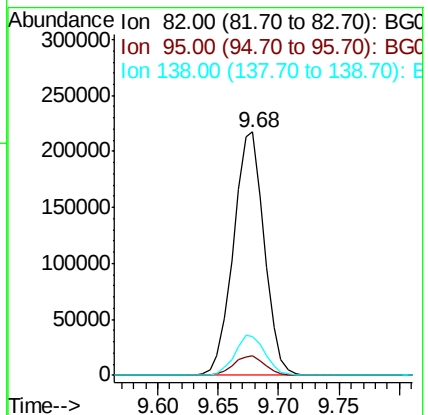
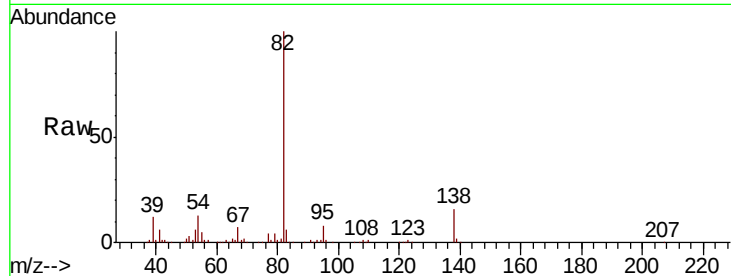
Tot Ion: 82 Resp: 386975

Ion Ratio Lower Upper

82 100

95 8.1 6.7 10.1

138 16.1 12.2 18.4



#26

2-Nitrophenol

Concen: 44.759 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

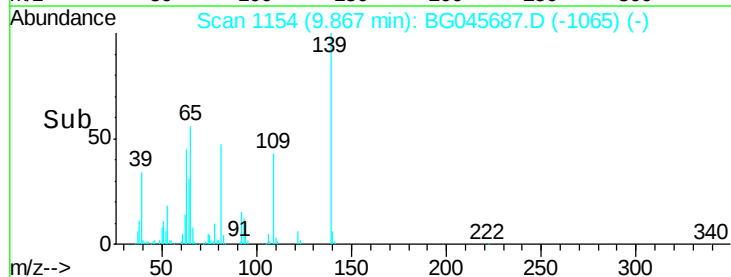
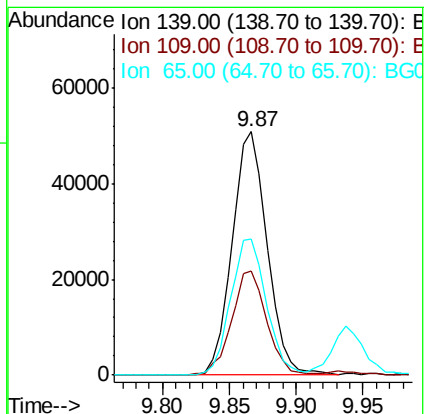
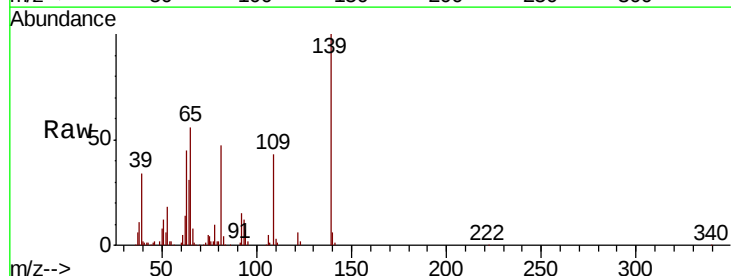
Tgt Ion: 139 Resp: 92602

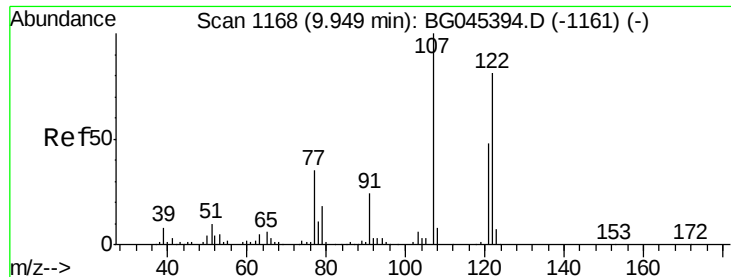
Ion Ratio Lower Upper

139 100

109 42.6 32.2 48.4

65 55.9 49.6 74.4

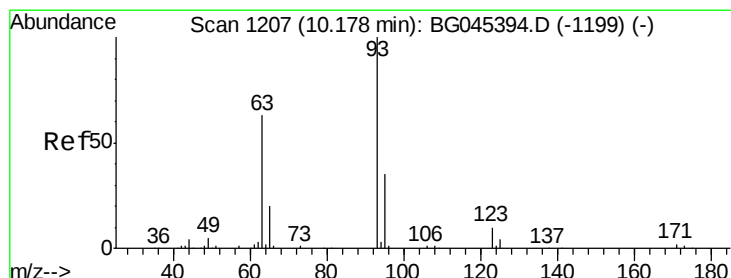
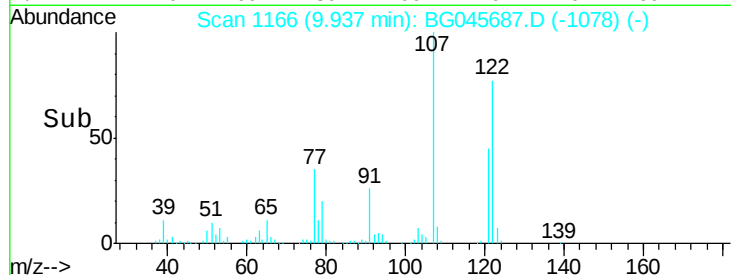
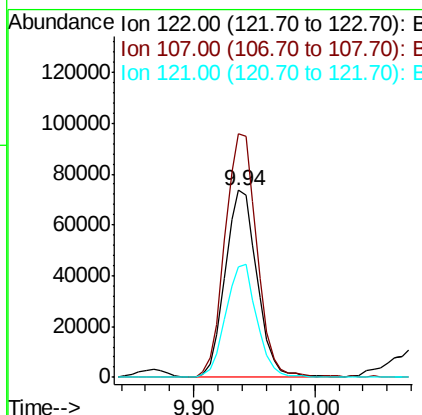
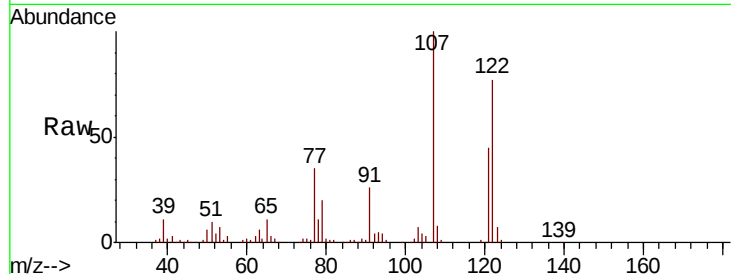




#27
 2,4-Dimethylphenol
 Concen: 43.556 ng
 RT: 9.94 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BG045687.D
 Acq: 10 Jun 2020 11:54

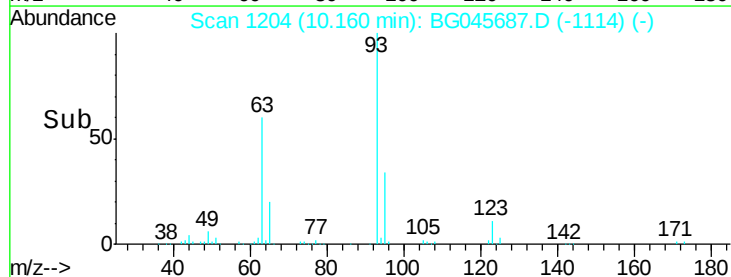
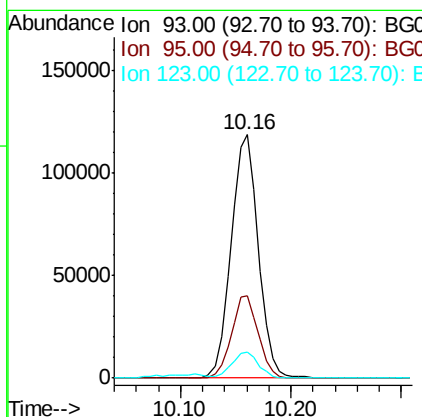
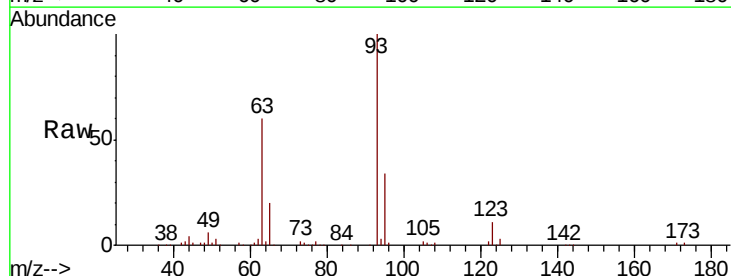
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 133652
 Ion Ratio Lower Upper
 122 100
 107 130.4 99.0 148.4
 121 58.9 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.916 ng
 RT: 10.16 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BG045687.D
 Acq: 10 Jun 2020 11:54

Tgt Ion: 93 Resp: 204743
 Ion Ratio Lower Upper
 93 100
 95 34.0 27.6 41.4
 123 10.7 8.1 12.1

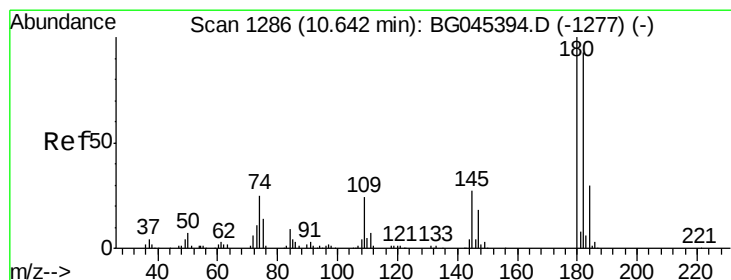
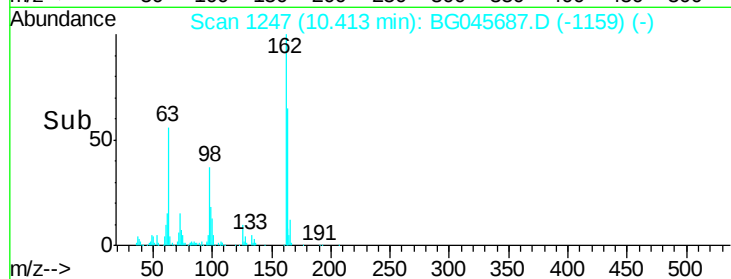
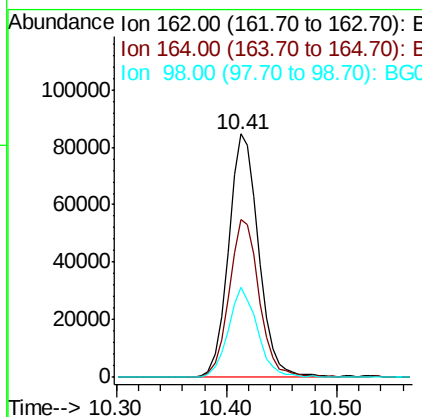
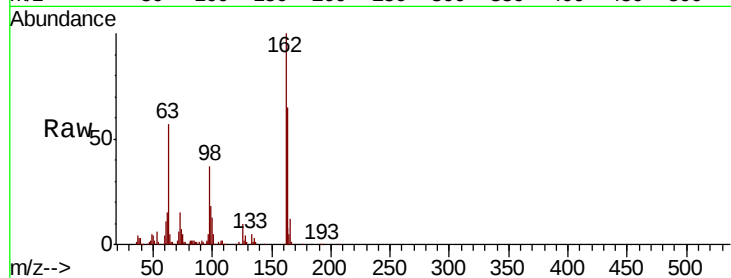




#29
 2,4-Dichlorophenol
 Concen: 44.531 ng
 RT: 10.41 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BG045687.D
 Acq: 10 Jun 2020 11:54

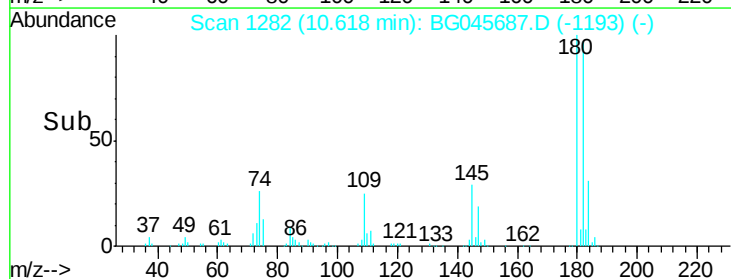
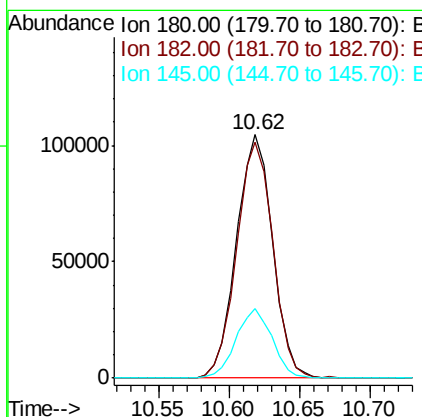
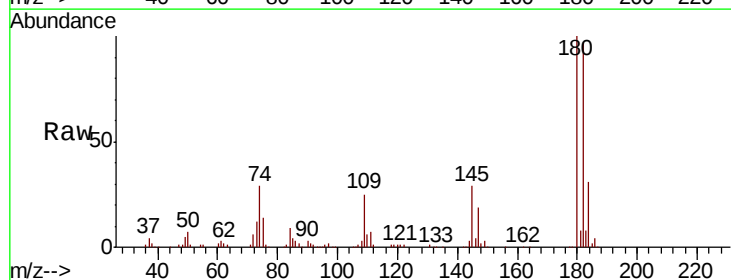
Instrument :
 BNA_G
 ClientSampleId :

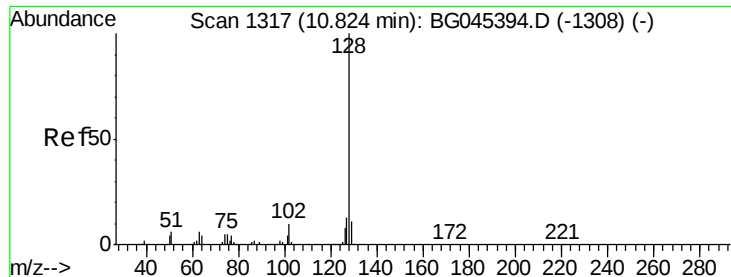
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	46.8	86.8
98	37.2	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 43.717 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BG045687.D
 Acq: 10 Jun 2020 11:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	74.8	112.2
145	28.7	21.9	32.9

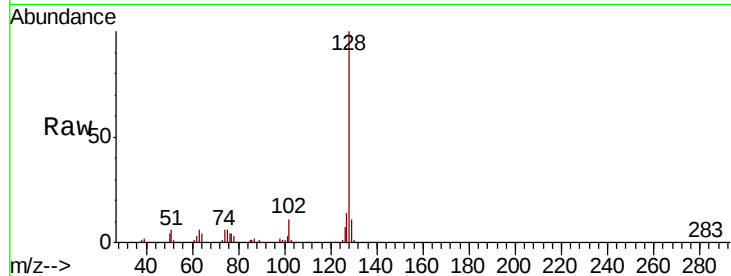




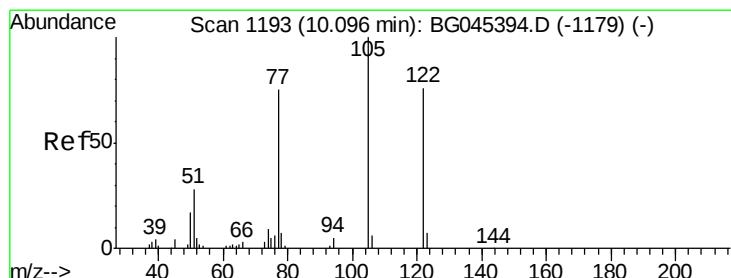
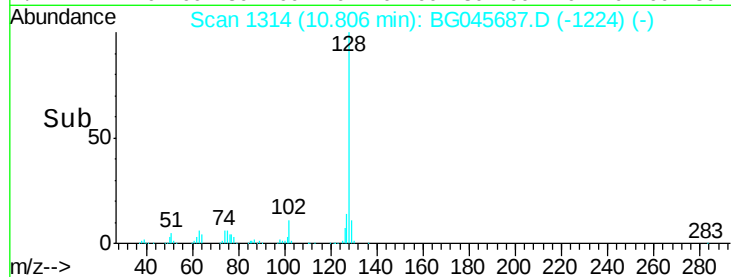
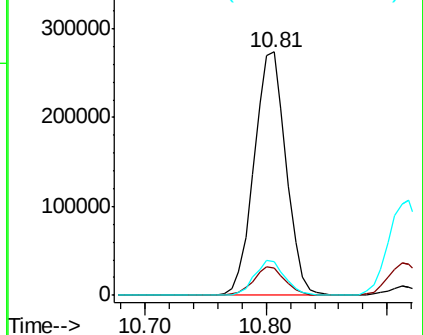
#31
Naphthalene
Concen: 43.720 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 501496
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.9 10.7 16.1

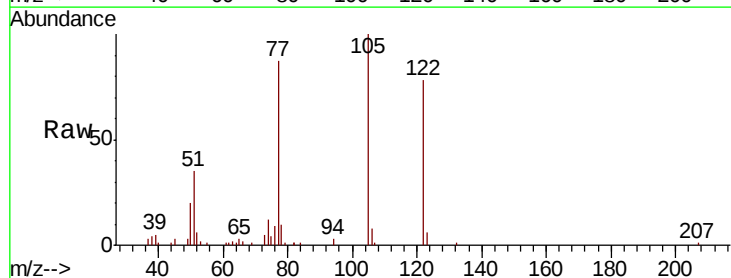


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

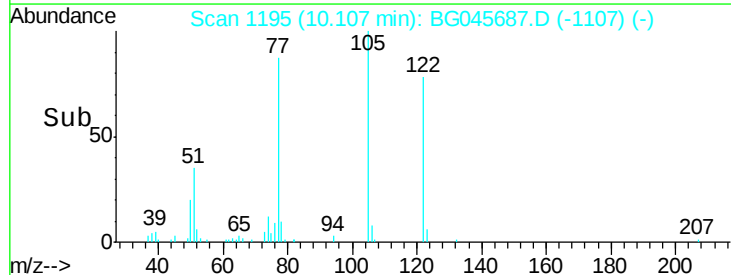
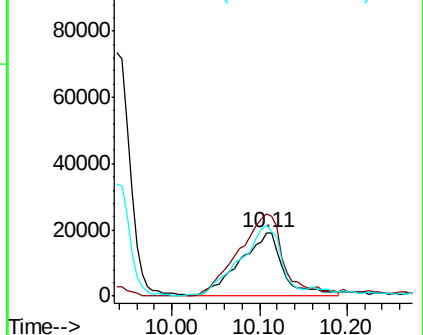


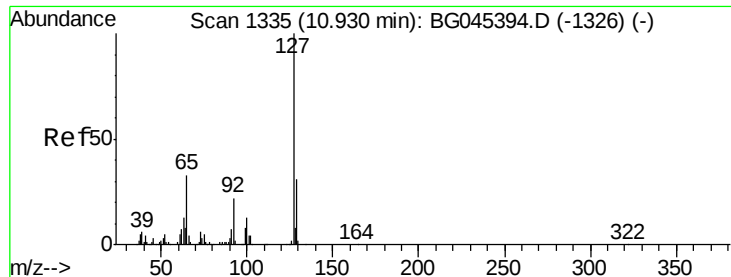
#32
Benzoic acid
Concen: 33.974 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

Tgt Ion:122 Resp: 63176
Ion Ratio Lower Upper
122 100
105 128.3 107.9 147.9
77 111.4 78.9 118.9



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

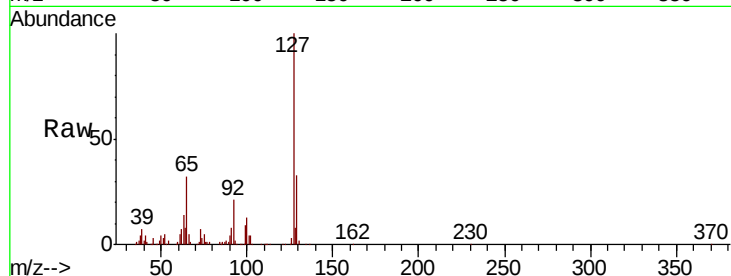




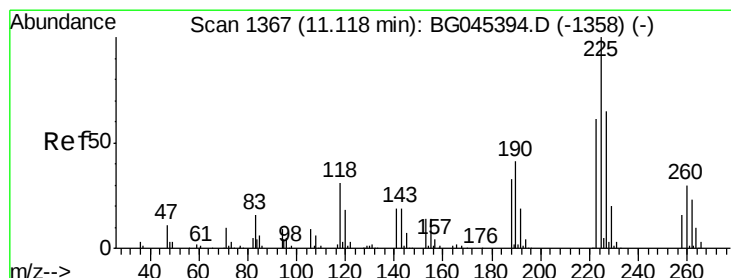
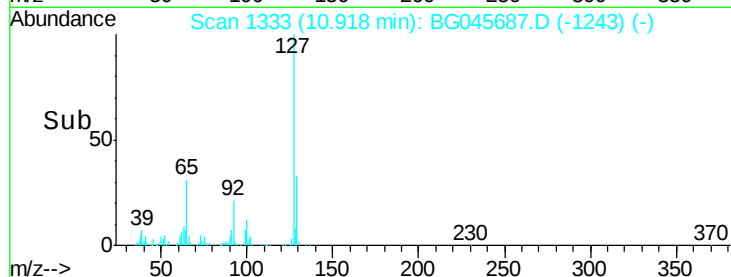
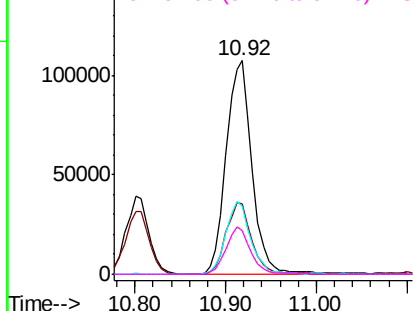
#33
4-Chloroaniline
Concen: 44.249 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	212164
Ion	Ratio	Lower	Upper
127	100		
129	32.9	24.7	37.1
65	31.6	26.2	39.2
92	20.6	17.9	26.9

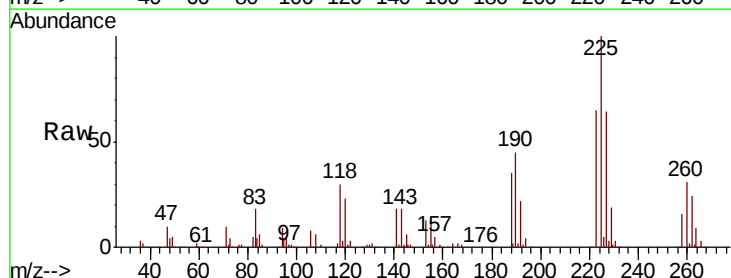


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

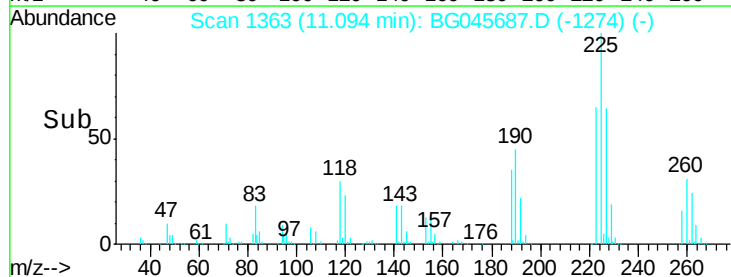
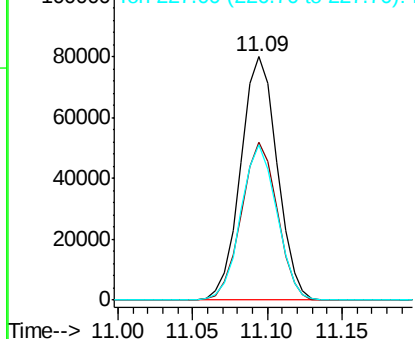


#34
Hexachlorobutadiene
Concen: 44.667 ng
RT: 11.09 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

Tgt Ion:	225	Resp:	135189
Ion	Ratio	Lower	Upper
225	100		
223	64.9	49.1	73.7
227	63.6	52.0	78.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.250 ng

RT: 11.69 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

Instrument :

BNA_G

ClientSampleId :

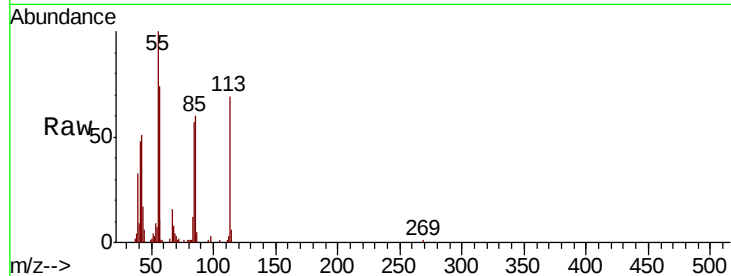
Tot Ion:113 Resp: 53533

Ion Ratio Lower Upper

113 100

55 144.8 96.0 136.0#

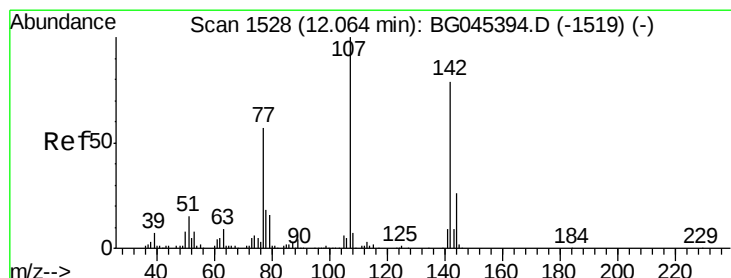
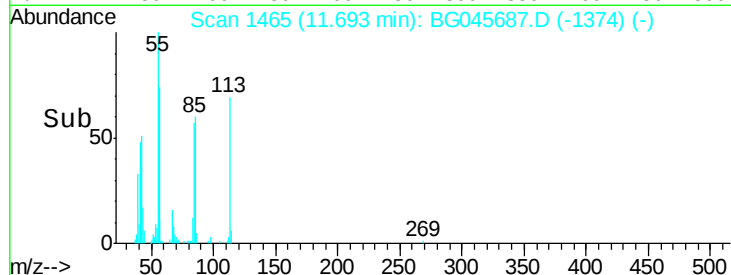
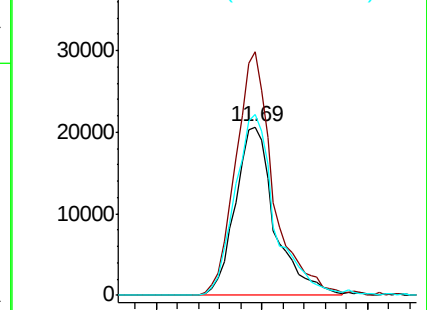
56 107.6 75.1 115.1



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: 44.074 ng

RT: 12.06 min Scan# 1528

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

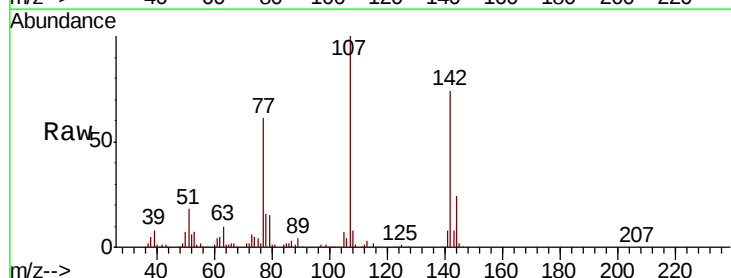
Tgt Ion:107 Resp: 179957

Ion Ratio Lower Upper

107 100

144 23.9 20.8 31.2

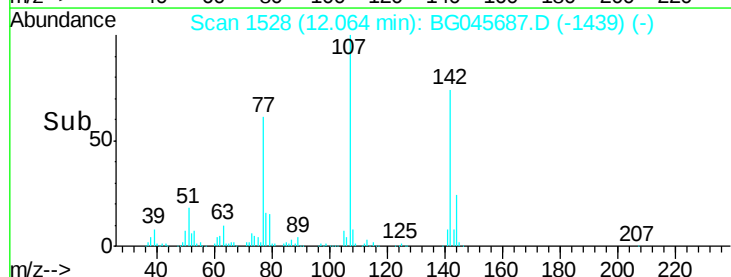
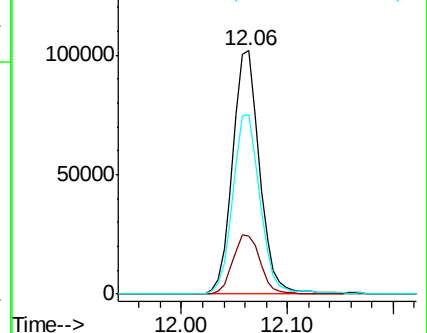
142 73.7 62.8 94.2

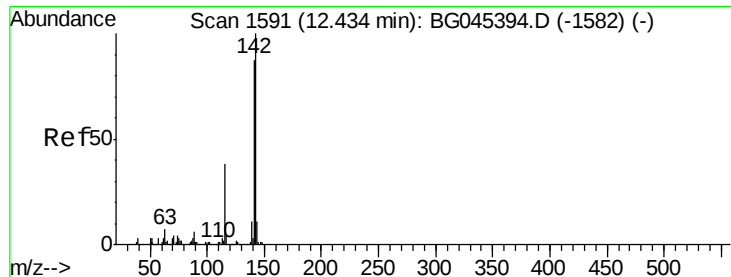


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

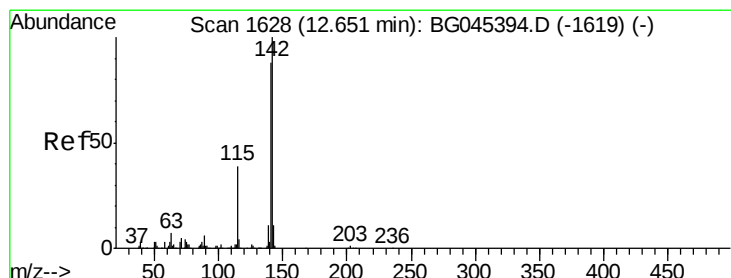
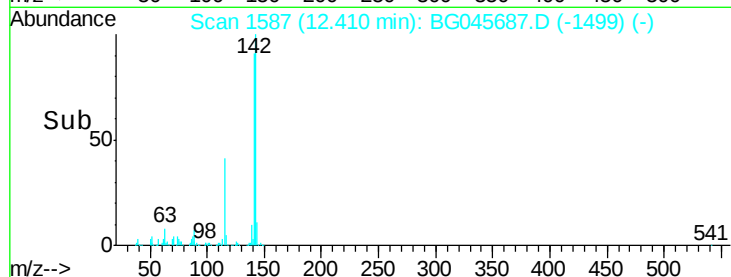
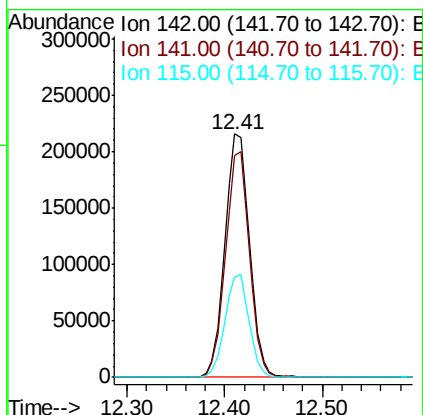
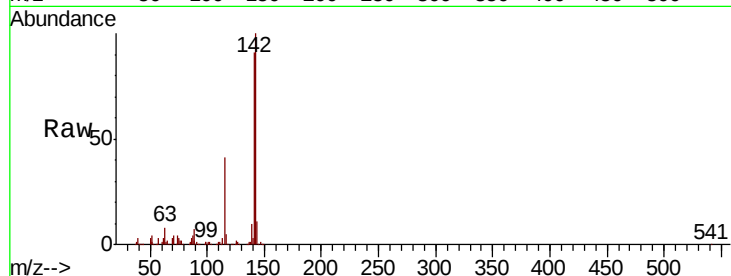




#37
2-Methylnaphthalene
Concen: 44.168 ng
RT: 12.41 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

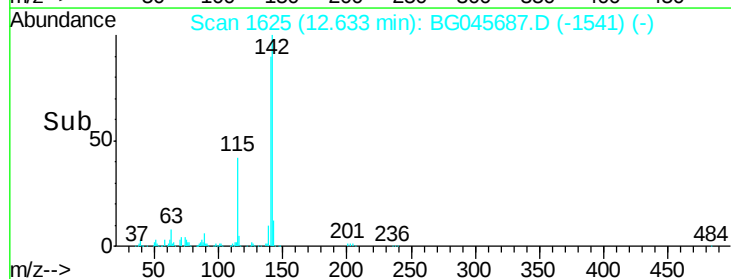
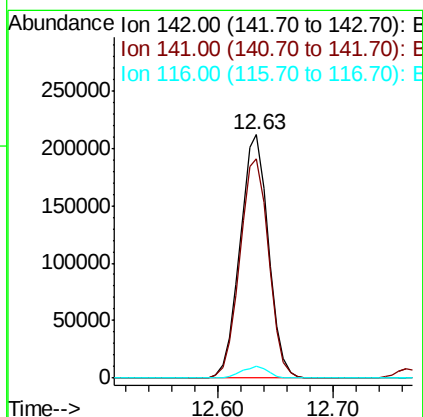
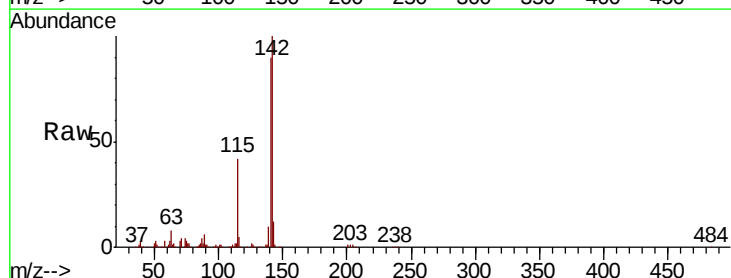
Instrument :
BNA_G
ClientSampleId :

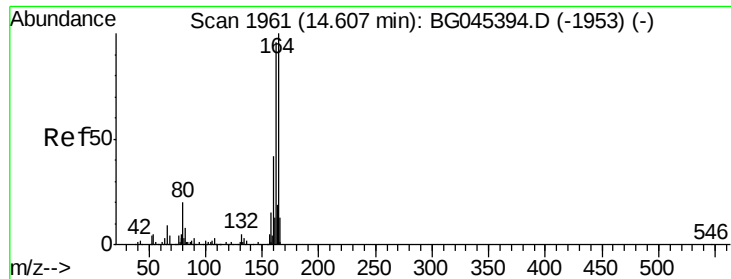
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	70.0	105.0
115	41.2	30.8	46.2



#38
1-Methylnaphthalene
Concen: 44.641 ng
RT: 12.63 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.8	106.2
116	4.8	3.0	4.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

Instrument :

BNA_G

ClientSampleId :

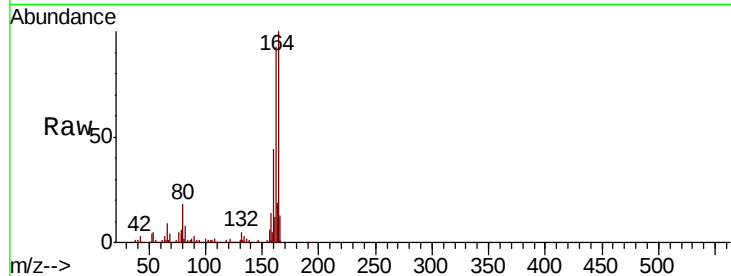
Tot Ion:164 Resp: 173486

Ion Ratio Lower Upper

164 100

162 93.4 76.9 115.3

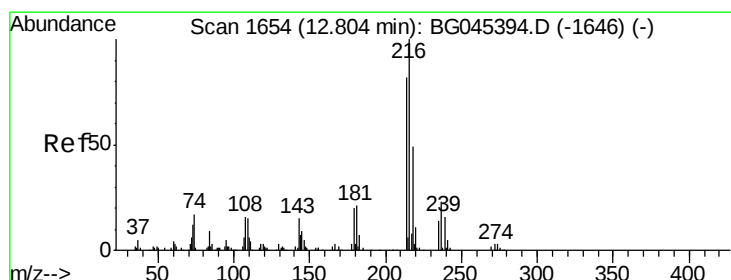
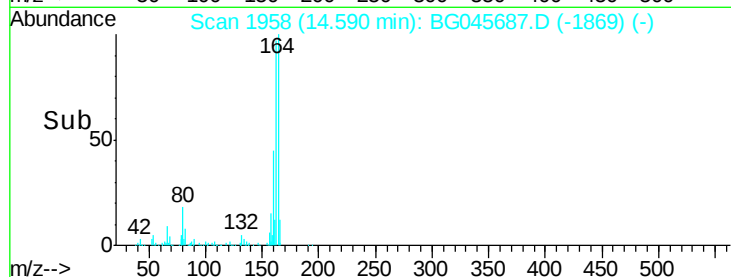
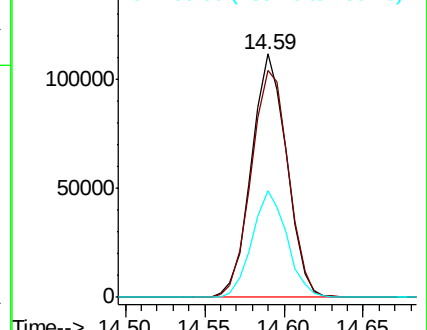
160 43.6 33.8 50.8



Abundance Ion 164.00 (163.70 to 164.70): E

150000 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: 44.025 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

Tgt Ion:216 Resp: 213335

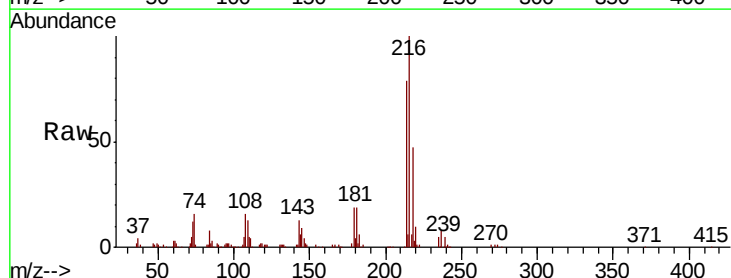
Ion Ratio Lower Upper

216 100

214 78.3 63.7 95.5

179 19.7 16.1 24.1

108 17.3 13.8 20.6

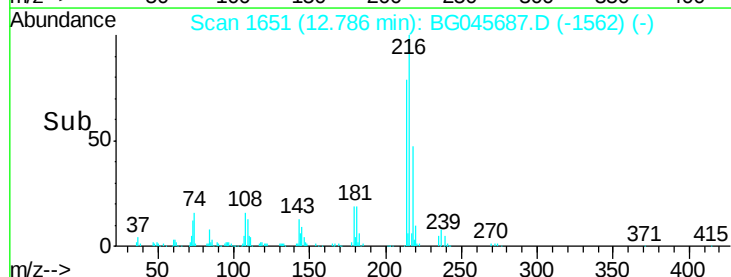
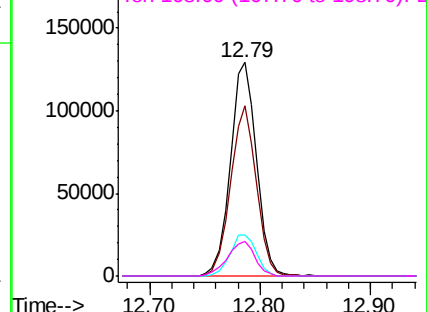


Abundance Ion 216.00 (215.70 to 216.70): E

200000 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: 38.791 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

Instrument :

BNA_G

ClientSampleId :

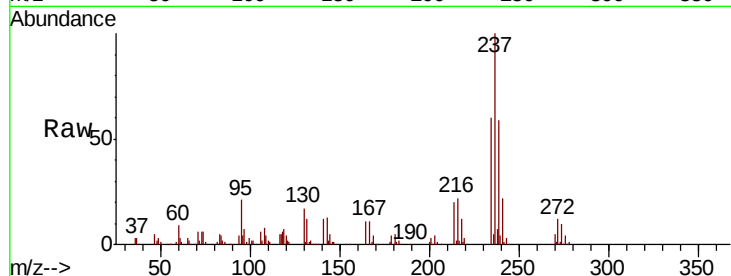
Tot Ion:237 Resp: 108493

Ion Ratio Lower Upper

237 100

235 59.6 44.4 84.4

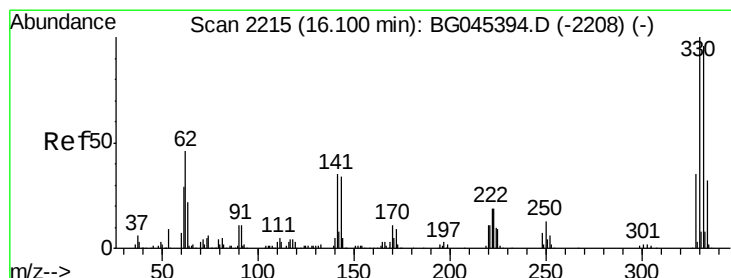
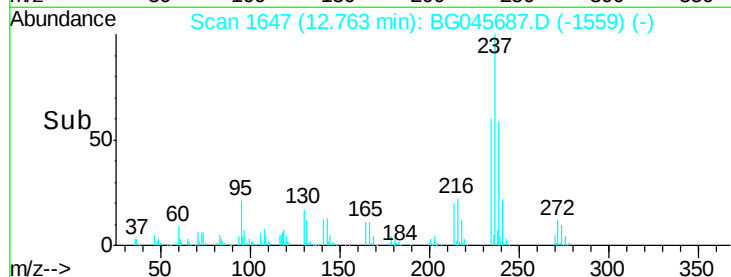
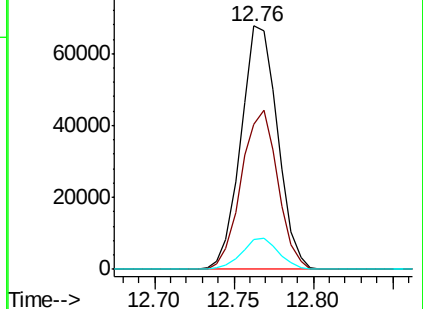
272 12.3 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 84.587 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

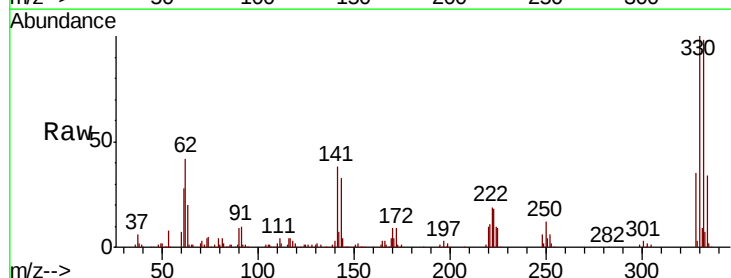
Tgt Ion:330 Resp: 187672

Ion Ratio Lower Upper

330 100

332 97.0 78.2 117.4

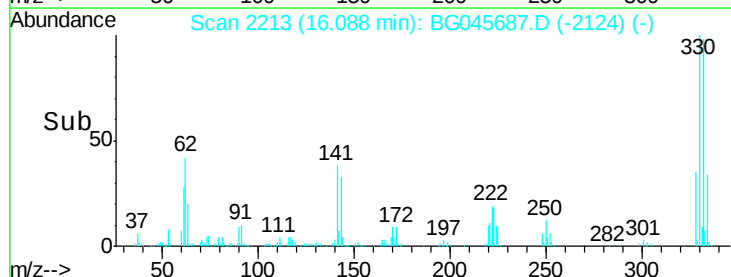
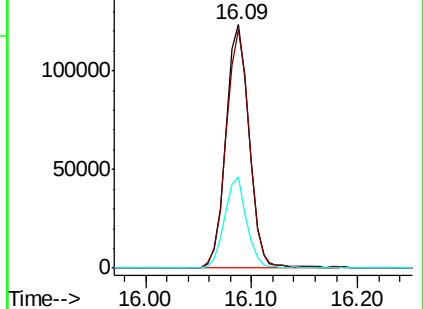
141 35.5 28.2 42.4

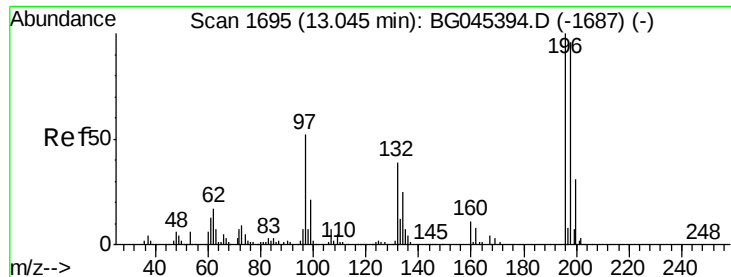


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

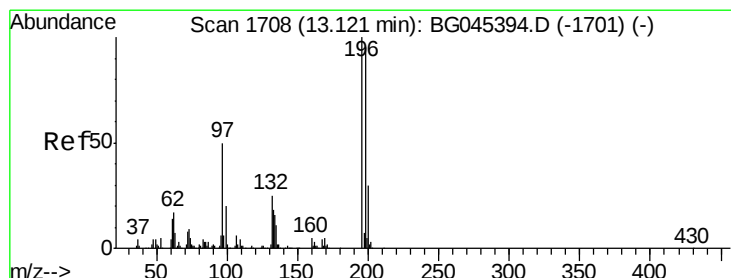
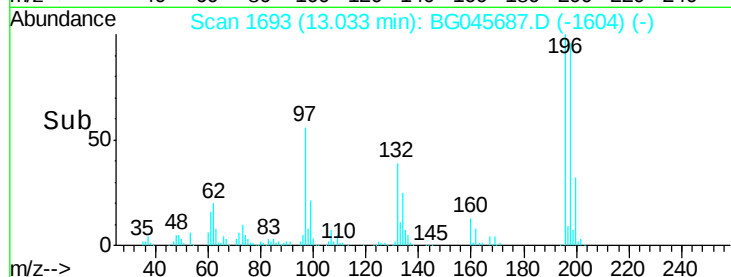
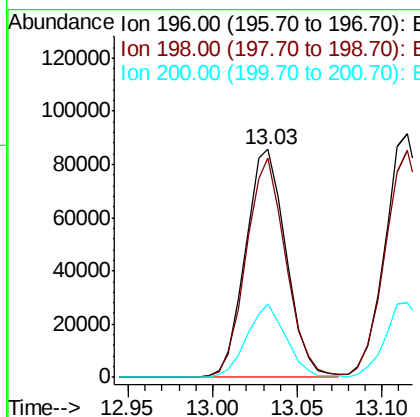
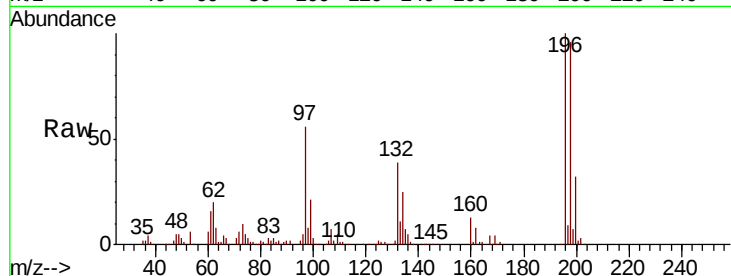




#43
 2,4,6-Trichlorophenol
 Concen: 42.489 ng
 RT: 13.03 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG045687.D
 Acq: 10 Jun 2020 11:54

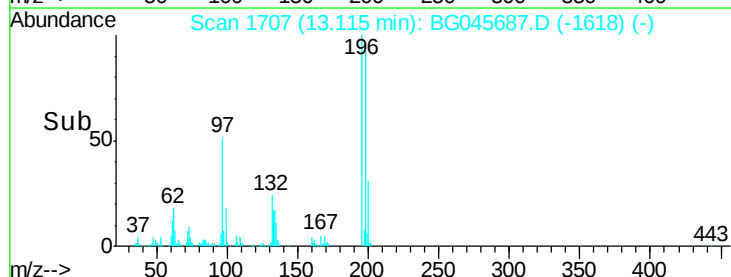
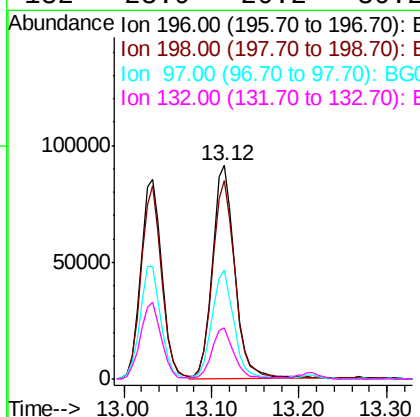
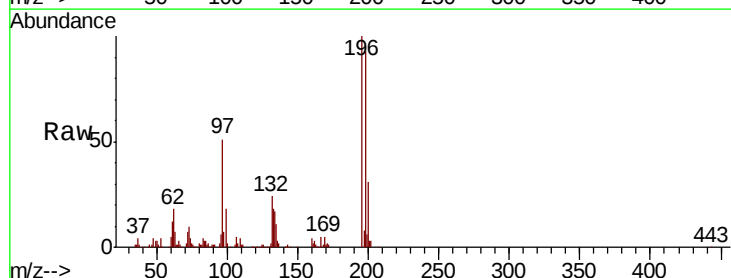
Instrument :
 BNA_G
 ClientSampleId :

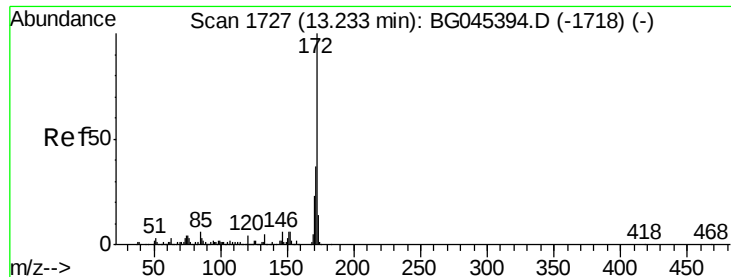
Tot Ion:196 Resp: 143023
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.7 115.1
 200 32.3 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 42.168 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG045687.D
 Acq: 10 Jun 2020 11:54

Tgt Ion:196 Resp: 162204
 Ion Ratio Lower Upper
 196 100
 198 93.0 76.1 114.1
 97 50.8 40.0 60.0
 132 23.9 20.2 30.2

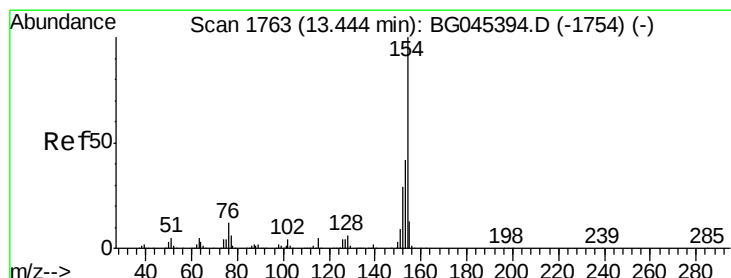
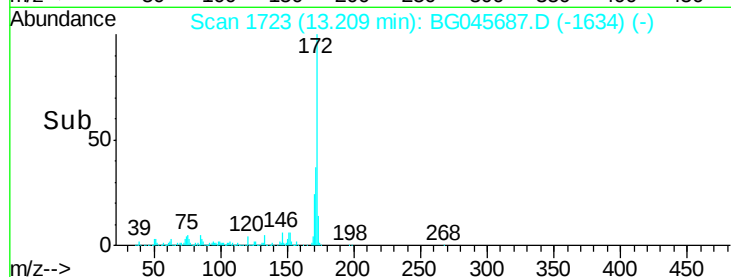
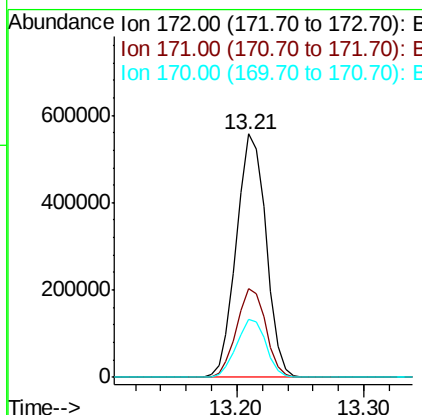
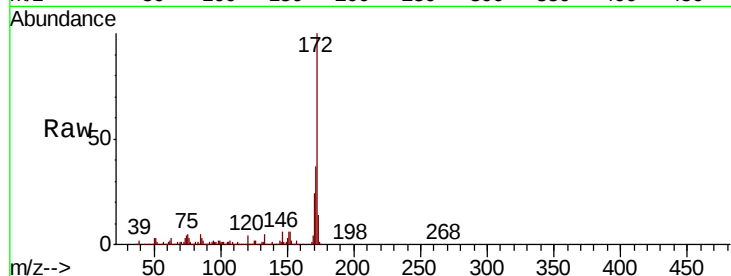




#45
2-Fluorobiphenyl
Concen: 88.339 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

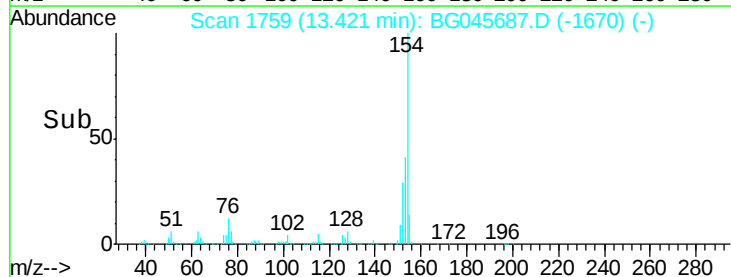
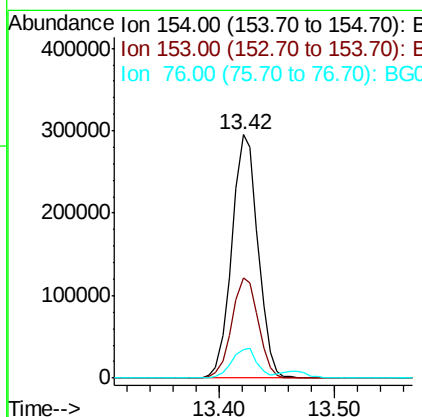
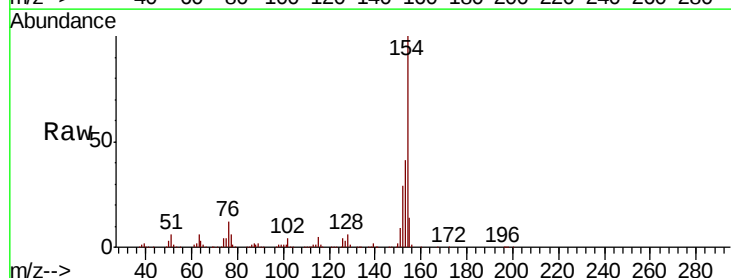
Instrument :
BNA_G
ClientSampleId :

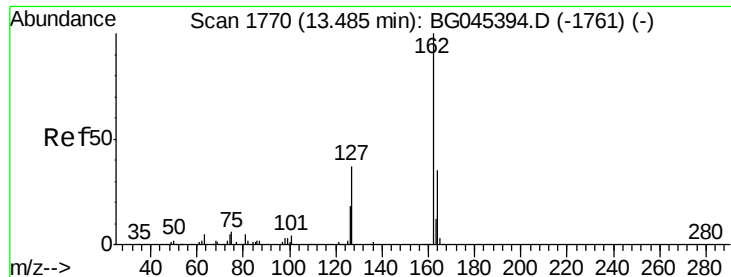
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.5	44.3
170	23.6	18.5	27.7



#46
1,1'-Biphenyl
Concen: 43.311 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	22.2	62.2
76	12.0	0.0	32.4

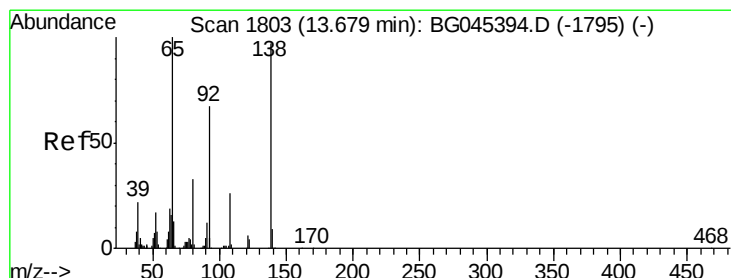
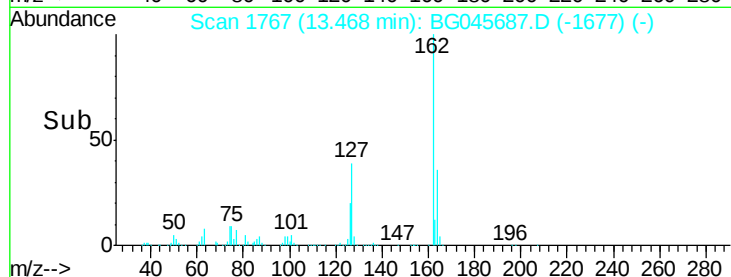
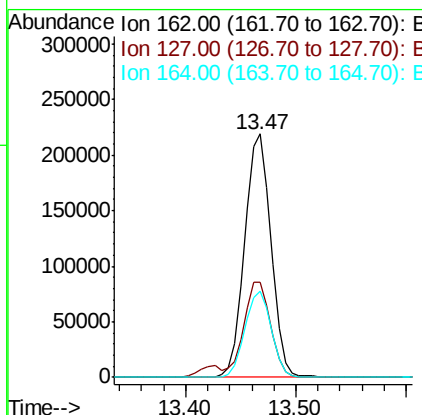
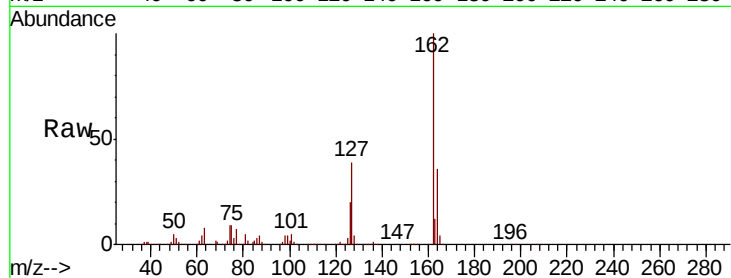




#47
2-Chloronaphthalene
Concen: 42.511 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

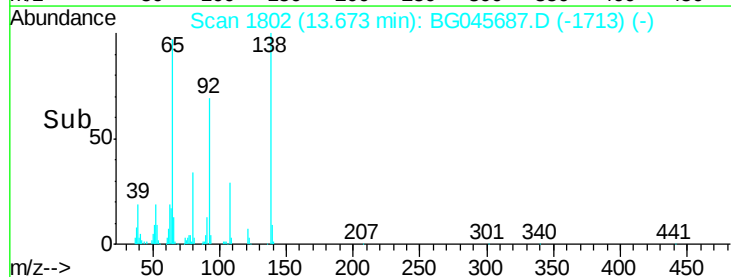
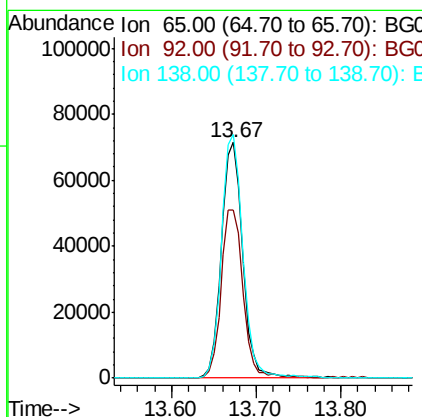
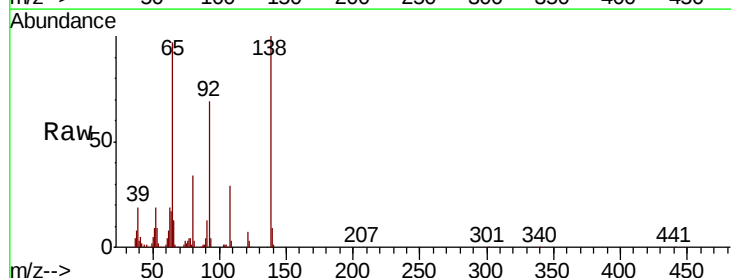
Instrument :
BNA_G
ClientSampled :

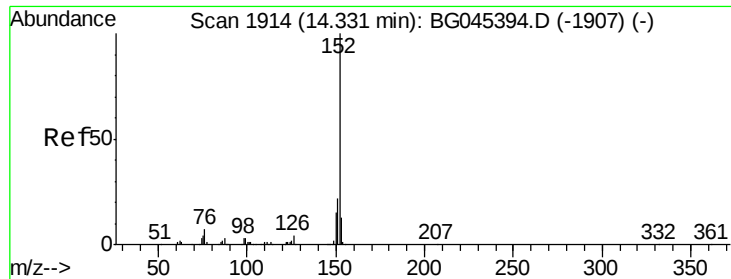
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	31.6	47.4
164	35.6	28.1	42.1



#48
2-Nitroaniline
Concen: 44.315 ng
RT: 13.67 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.5	53.8	80.8
138	103.4	77.9	116.9





#49

Acenaphthylene

Concen: 43.018 ng

RT: 14.31 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

Instrument :

BNA_G

ClientSampleId :

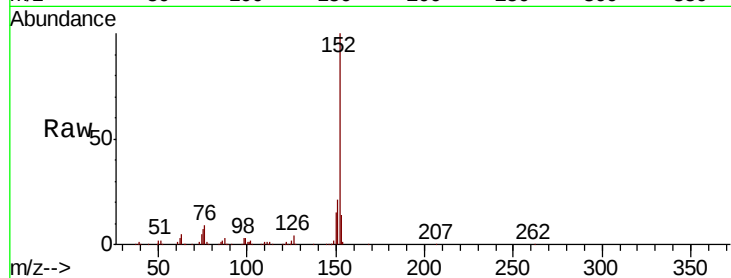
Tot Ion:152 Resp: 598130

Ion Ratio Lower Upper

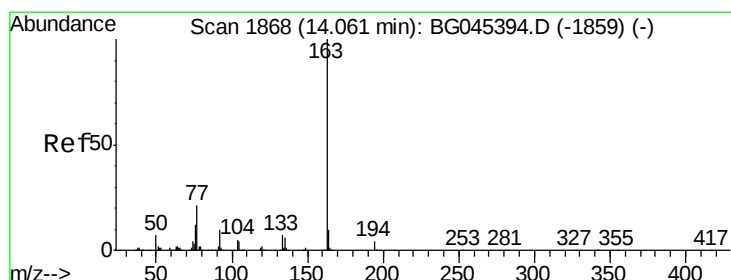
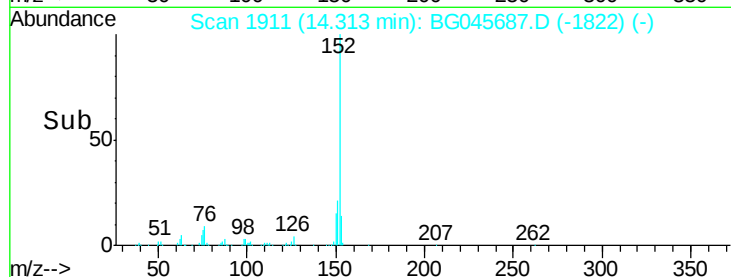
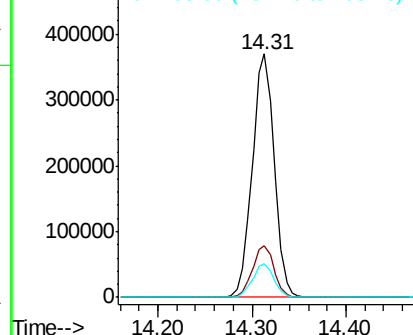
152 100

151 21.5 17.4 26.2

153 13.8 10.7 16.1



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



#50

Dimethylphthalate

Concen: 41.759 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

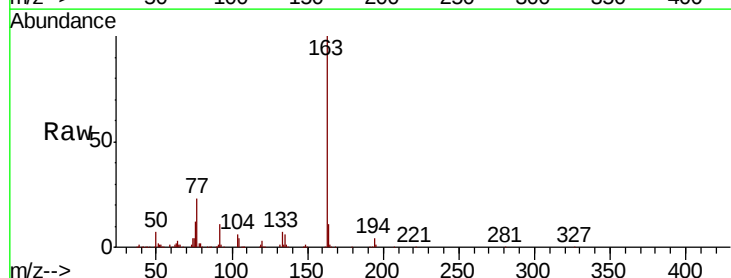
Tgt Ion:163 Resp: 496972

Ion Ratio Lower Upper

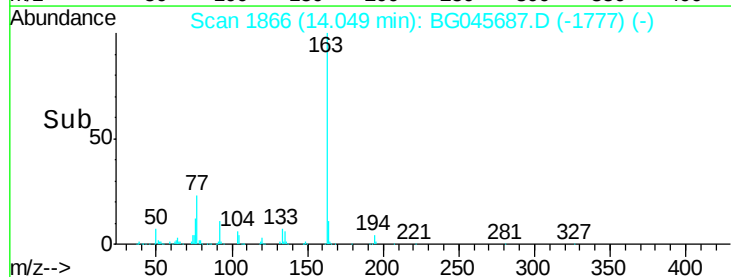
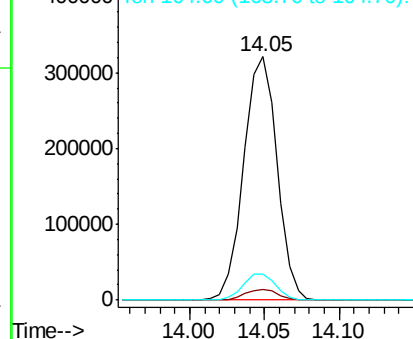
163 100

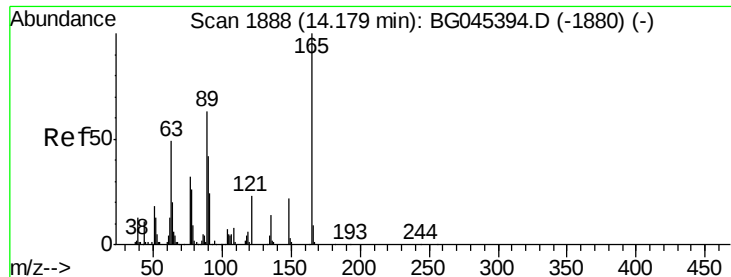
194 4.3 3.2 4.8

164 10.9 8.3 12.5



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

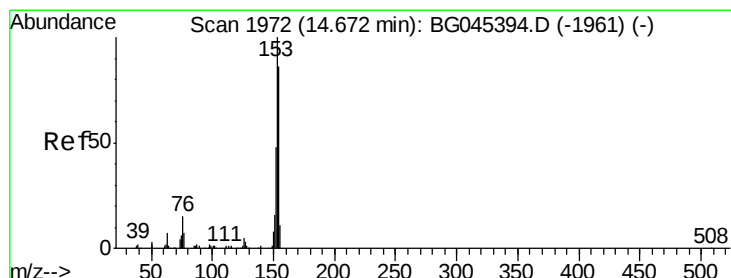
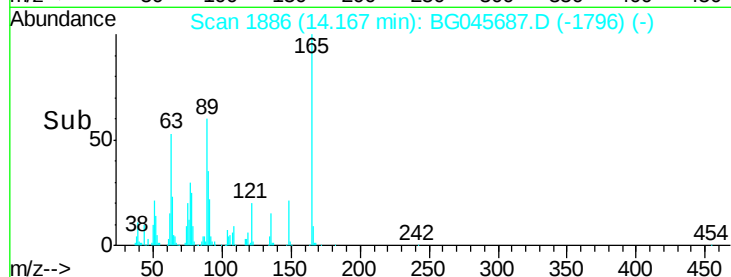
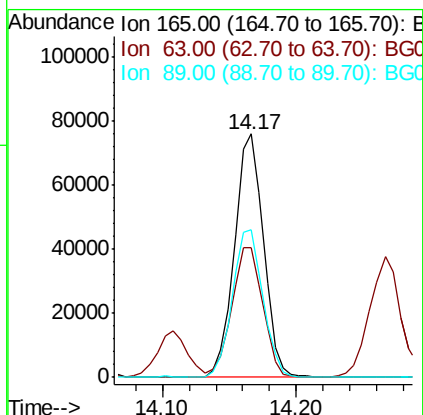
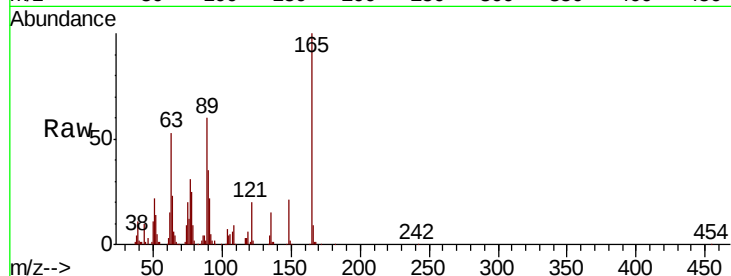




#51
2,6-Dinitrotoluene
Concen: 42.667 ng
RT: 14.17 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

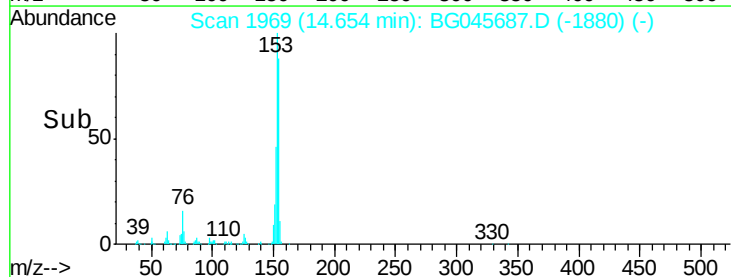
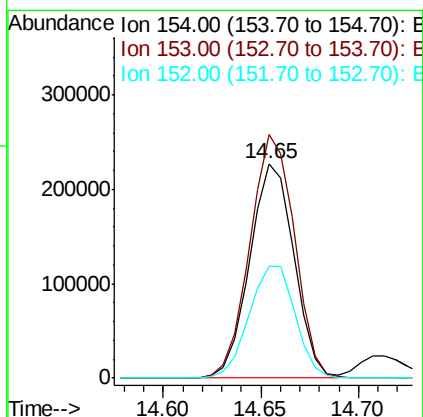
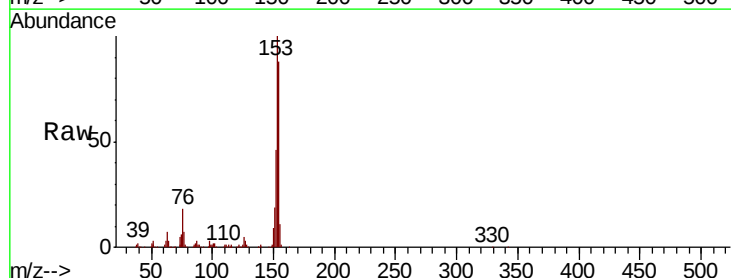
Instrument :
BNA_G
ClientSampleId :

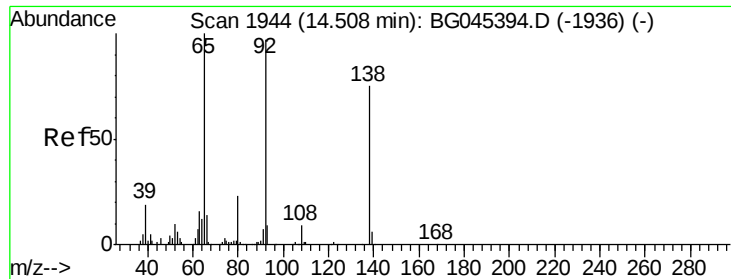
Tot Ion:165 Resp: 114581
Ion Ratio Lower Upper
165 100
63 53.4 45.0 67.4
89 60.4 50.2 75.4



#52
Acenaphthene
Concen: 38.489 ng
RT: 14.65 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

Tgt Ion:154 Resp: 358224
Ion Ratio Lower Upper
154 100
153 113.4 92.8 139.2
152 52.1 44.6 66.8

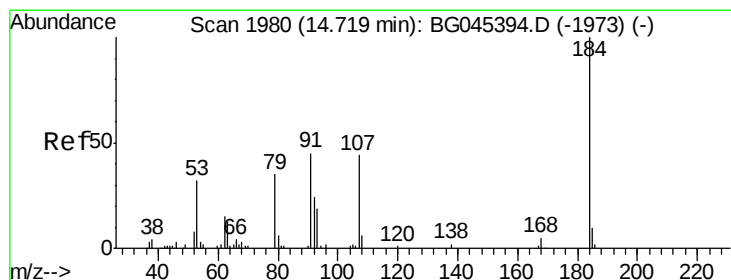
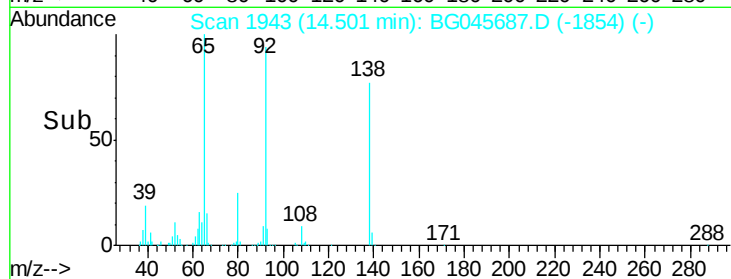
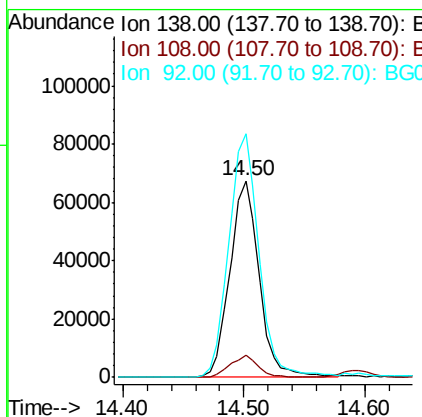
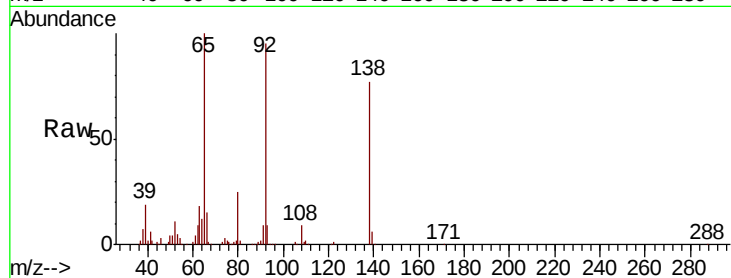




#53
3-Nitroaniline
Concen: 41.806 ng
RT: 14.50 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

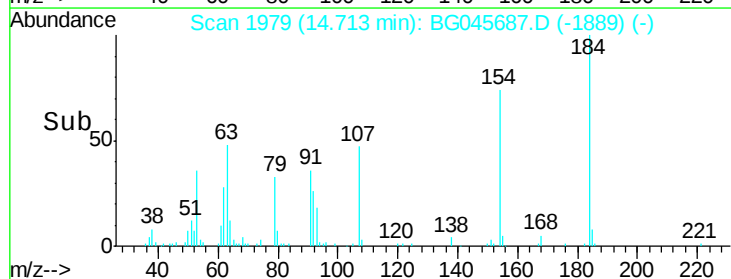
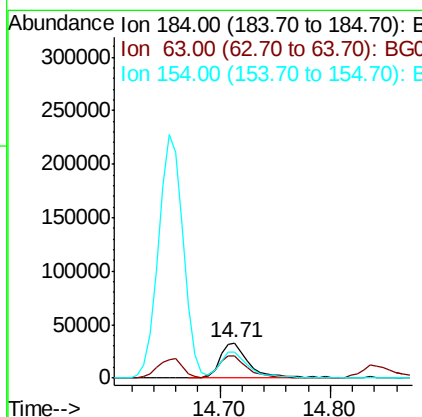
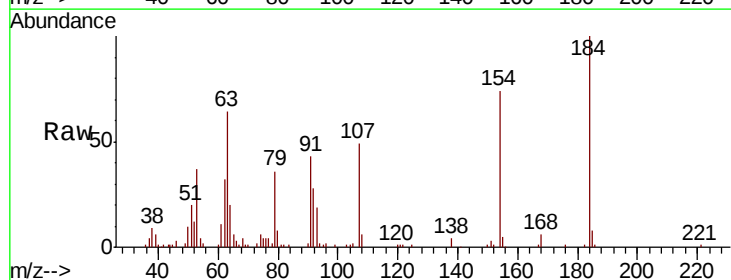
Instrument :
BNA_G
ClientSampleId :

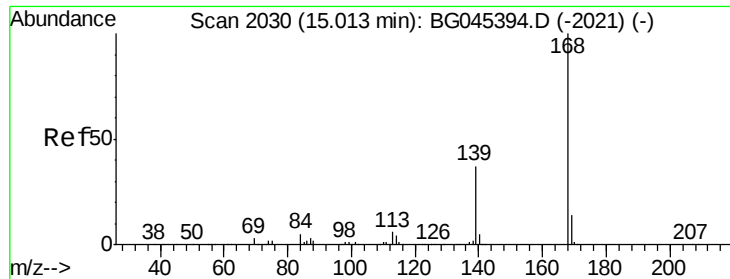
Tot Ion:138 Resp: 114126
Ion Ratio Lower Upper
138 100
108 11.4 9.8 14.6
92 123.8 103.0 154.4



#54
2,4-Dinitrophenol
Concen: 36.960 ng
RT: 14.71 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

Tgt Ion:184 Resp: 59474
Ion Ratio Lower Upper
184 100
63 63.5 47.8 71.6
154 73.7 58.3 87.5

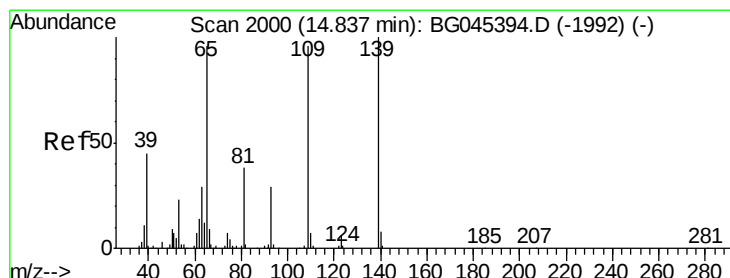
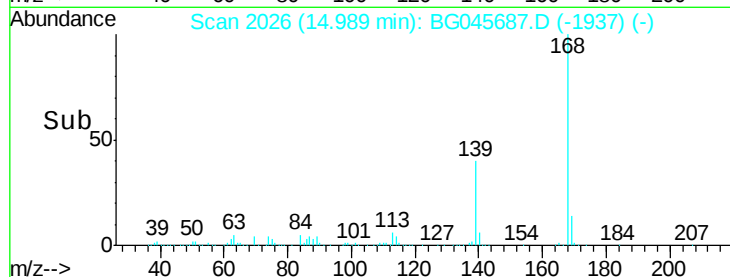
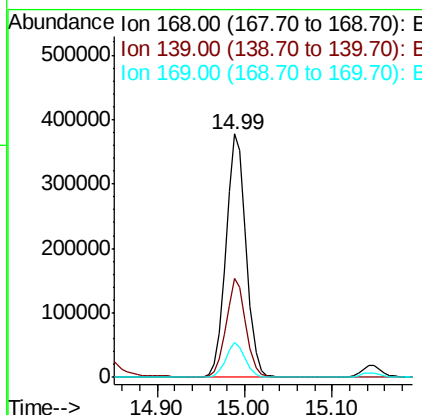
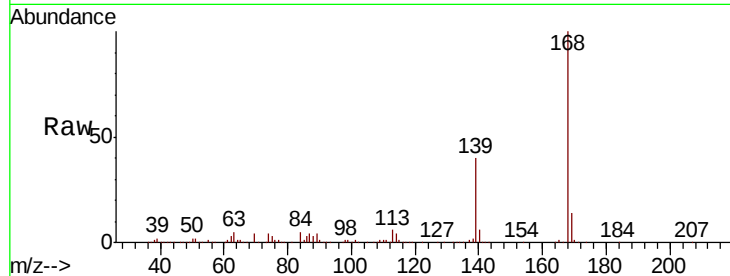




#55
Dibenzofuran
Concen: 42.873 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

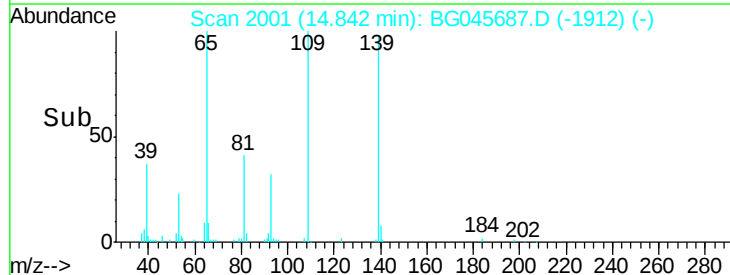
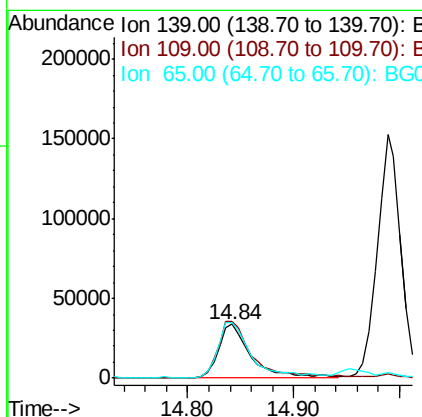
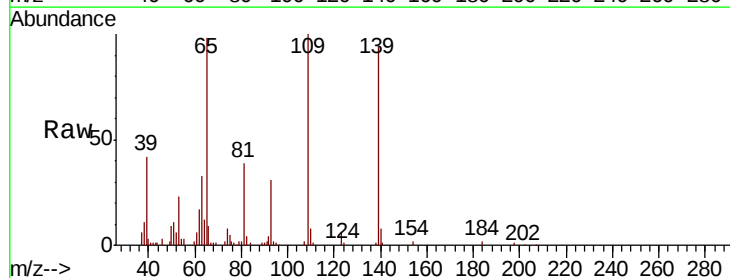
Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.4	29.9	44.9
169	14.3	10.9	16.3



#56
4-Nitrophenol
Concen: 35.099 ng
RT: 14.84 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	105.9	75.6	115.6
65	103.9	76.8	116.8

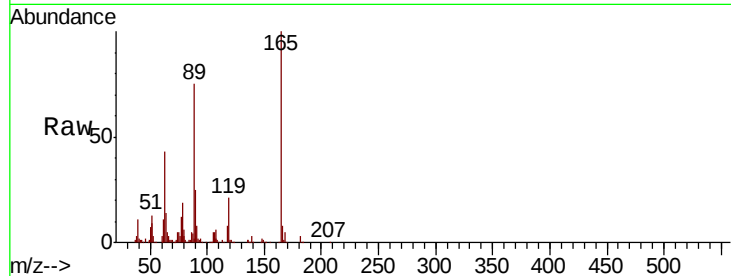




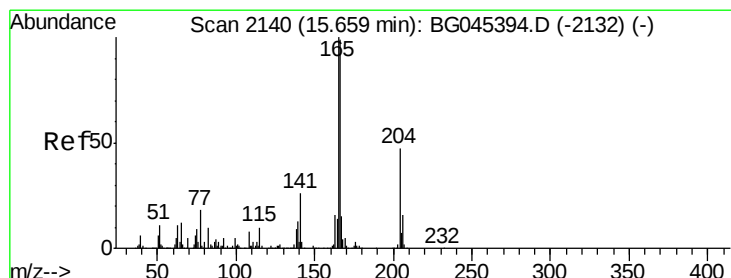
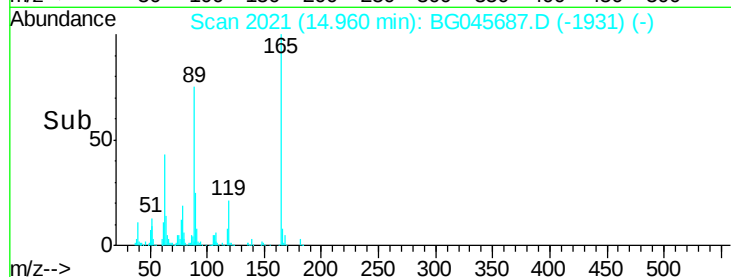
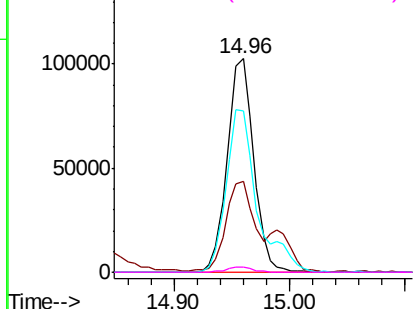
#57
2,4-Dinitrotoluene
Concen: 41.966 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 163217
Ion Ratio Lower Upper
165 100
63 42.6 32.5 48.7
89 75.3 61.8 92.6
182 2.5 2.3 3.5

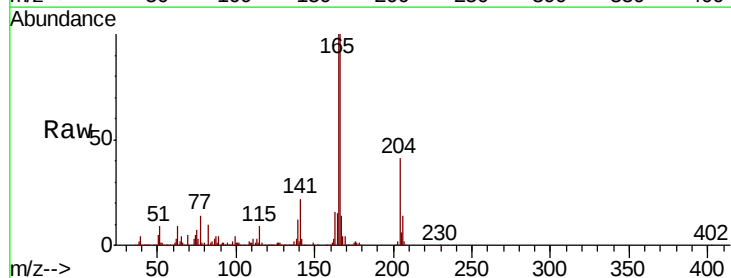


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

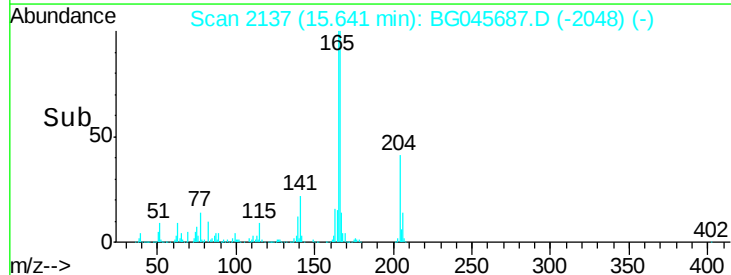
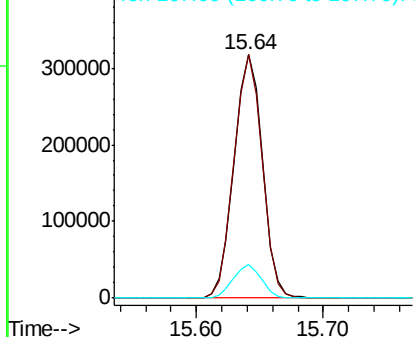


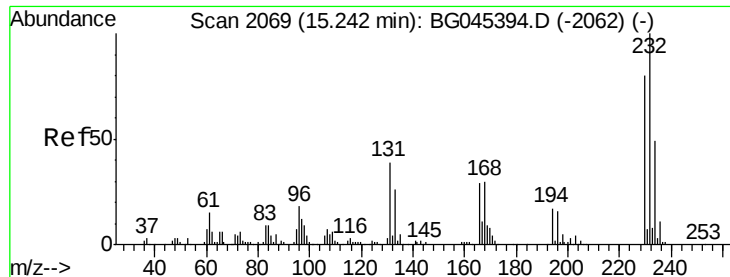
#58
Fluorene
Concen: 43.346 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

Tgt Ion:166 Resp: 492183
Ion Ratio Lower Upper
166 100
165 100.0 80.8 121.2
167 14.0 12.0 18.0



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

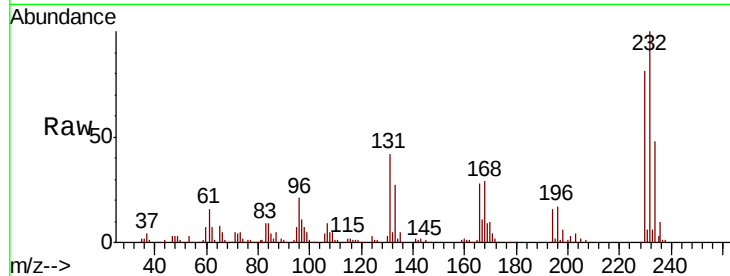




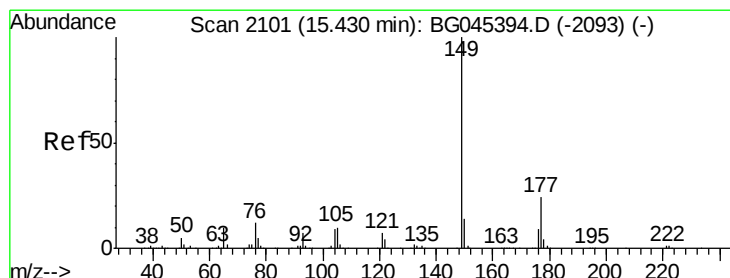
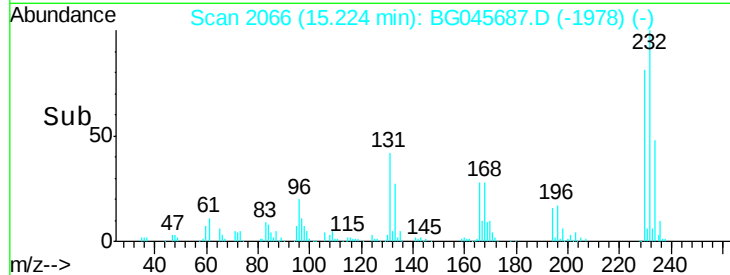
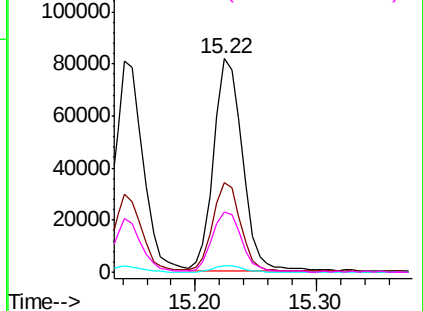
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.848 ng
RT: 15.22 min Scan# 2066
Delta R.T. -0.01 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232	Resp:	134852
Ion Ratio	Lower	Upper
232	100	
131	40.5	33.7 50.5
130	3.1	2.1 3.1
166	29.8	23.2 34.8

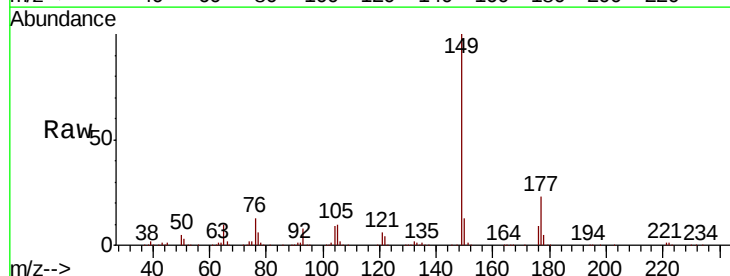


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

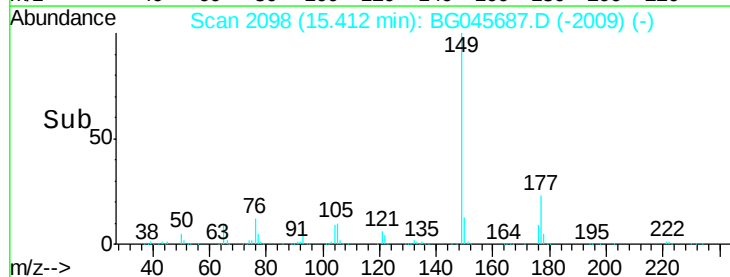
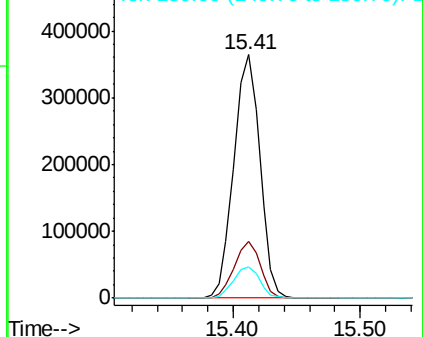


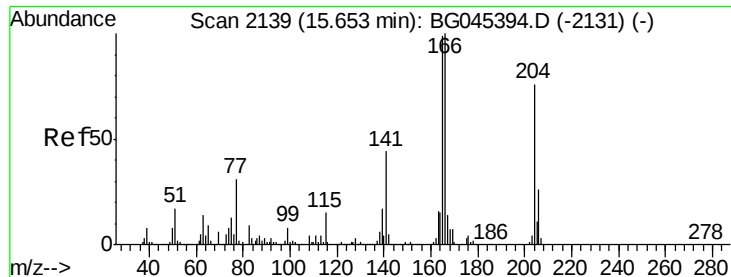
#60
Diethylphthalate
Concen: 41.749 ng
RT: 15.41 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

Tgt Ion:149	Resp:	517146
Ion Ratio	Lower	Upper
149	100	
177	23.1	19.0 28.4
150	13.0	11.4 17.0



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

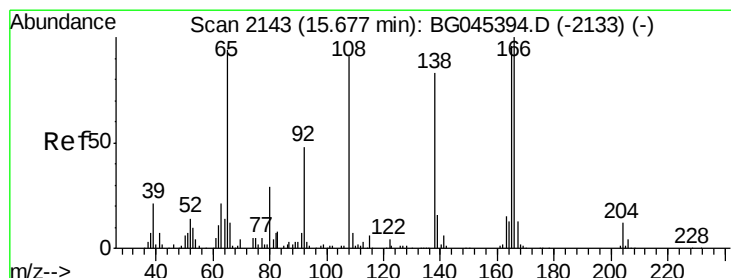
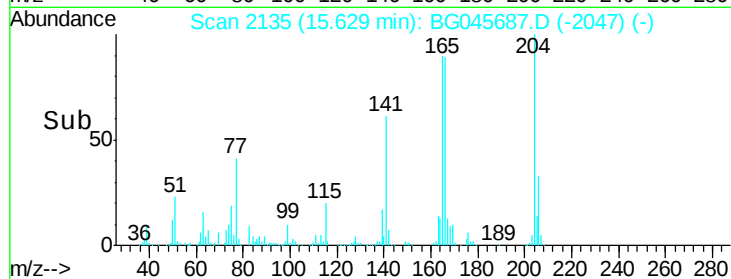
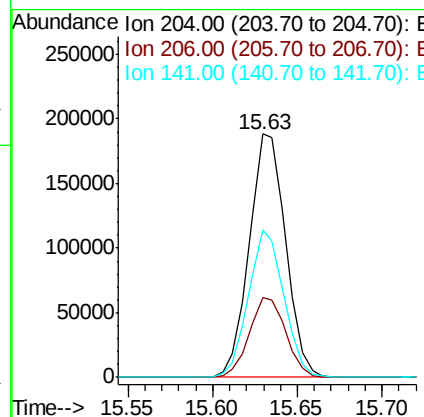
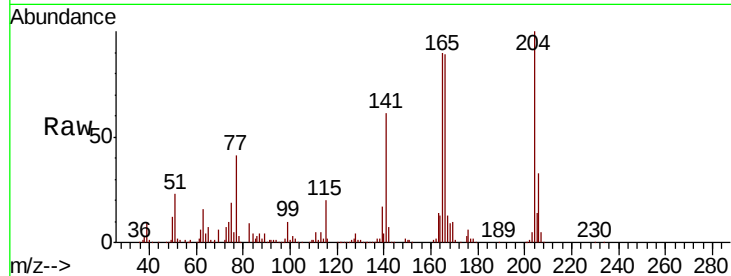




#61
4-Chlorophenyl-phenylether
Concen: 43.416 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

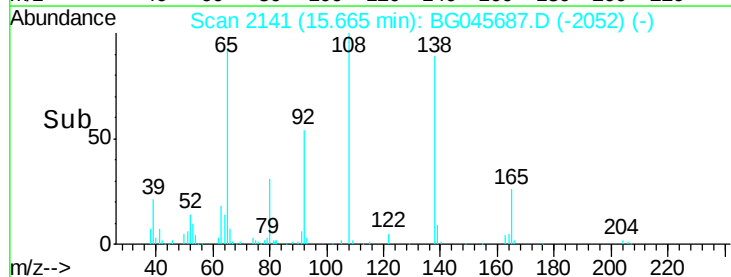
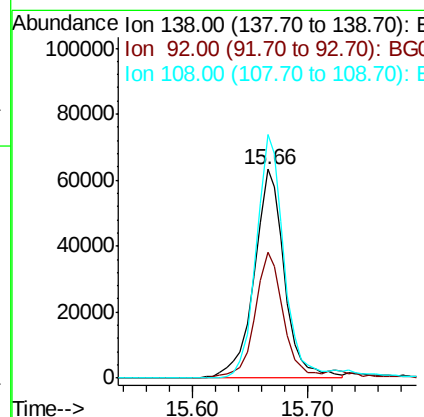
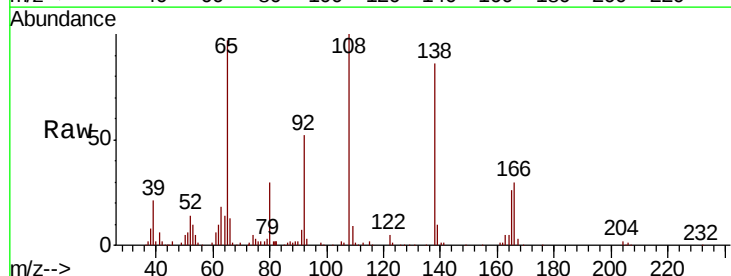
Instrument :
BNA_G
ClientSampleId :

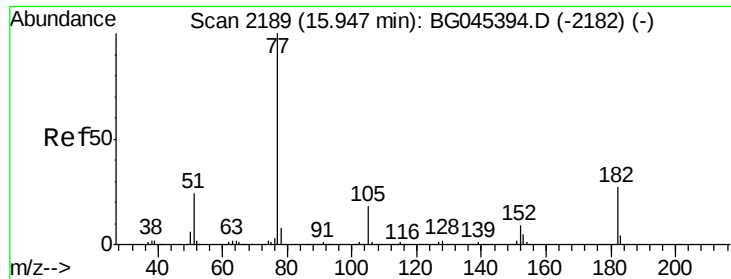
Tot Ion:204 Resp: 282106
Ion Ratio Lower Upper
204 100
206 32.9 27.3 40.9
141 60.7 45.9 68.9



#62
4-Nitroaniline
Concen: 40.495 ng
RT: 15.66 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

Tgt Ion:138 Resp: 115406
Ion Ratio Lower Upper
138 100
92 60.3 38.0 78.0
108 116.8 89.3 129.3





#63

Azobenzene

Concen: 43.084 ng

RT: 15.92 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 497625

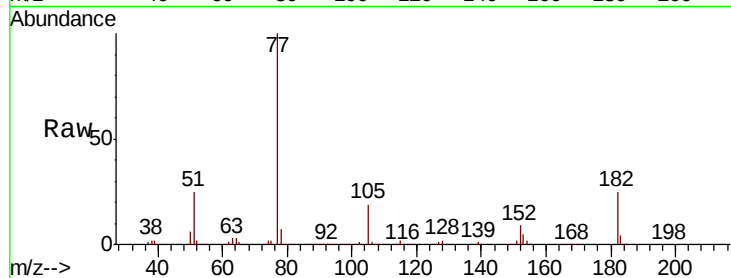
Ion Ratio Lower Upper

77 100

182 25.3 6.5 46.5

105 18.8 0.0 37.9

51 25.3 4.1 44.1

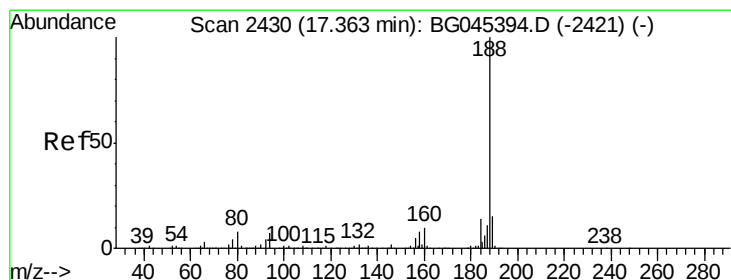
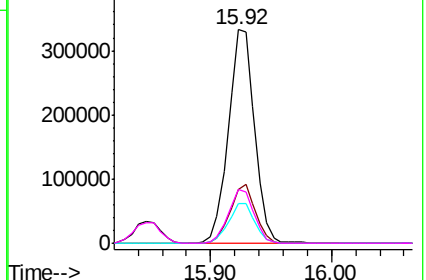
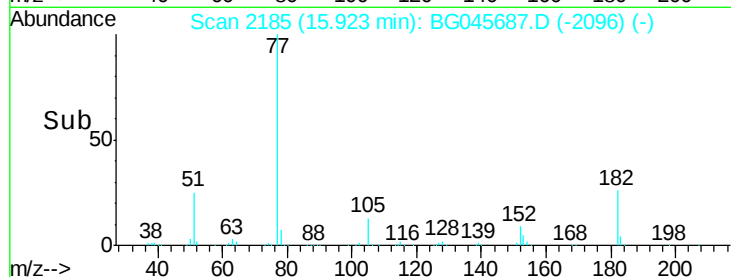


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

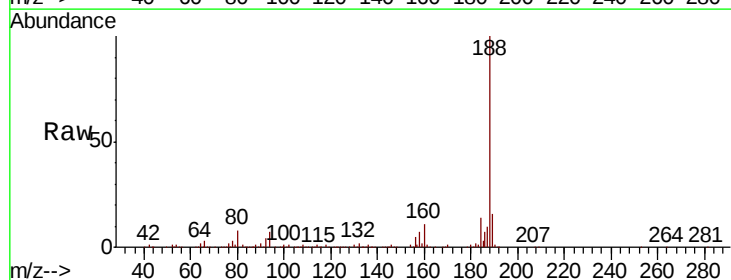
Tgt Ion: 188 Resp: 403958

Ion Ratio Lower Upper

188 100

94 7.1 5.5 8.3

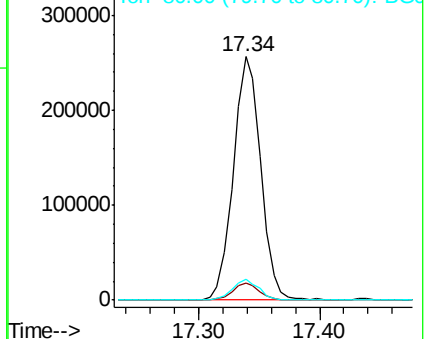
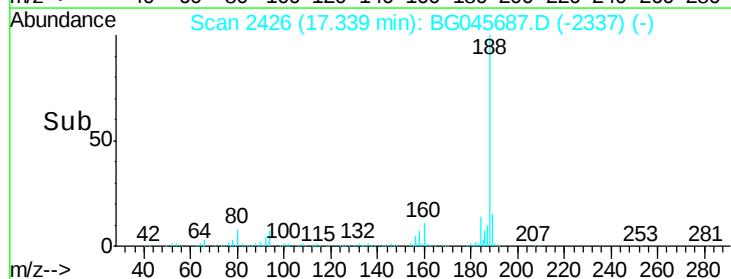
80 8.3 6.6 10.0

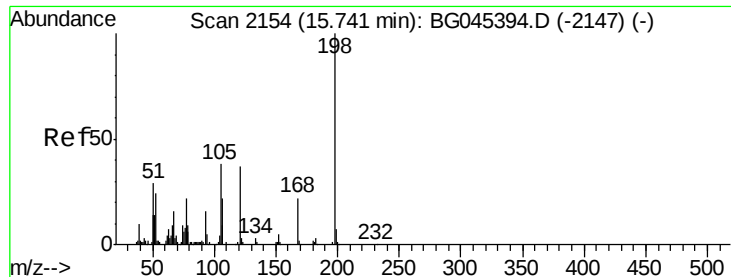


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 42.625 ng

RT: 15.73 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

Instrument :

BNA_G

ClientSampleId :

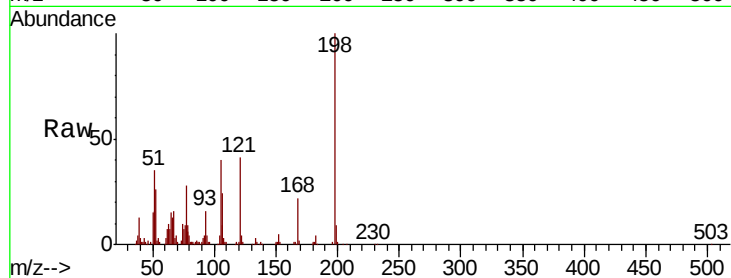
Tot Ion:198 Resp: 100281

Ion Ratio Lower Upper

198 100

51 35.3 10.0 50.0

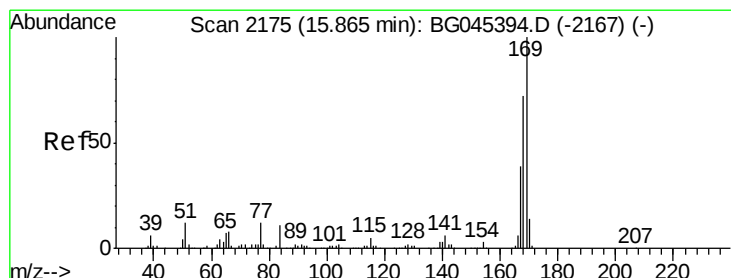
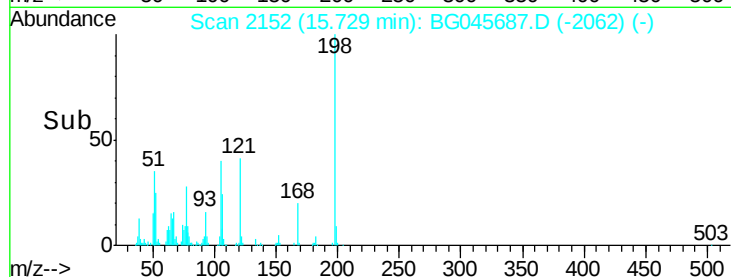
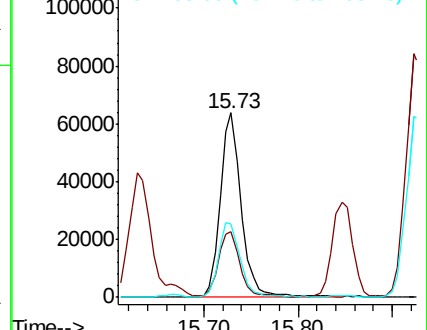
105 39.7 18.9 58.9



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: 44.038 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

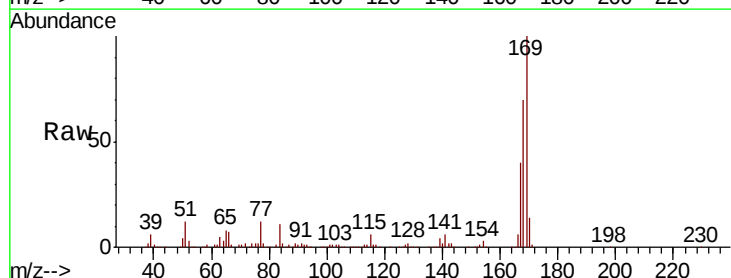
Tgt Ion:169 Resp: 427126

Ion Ratio Lower Upper

169 100

168 69.9 57.8 86.6

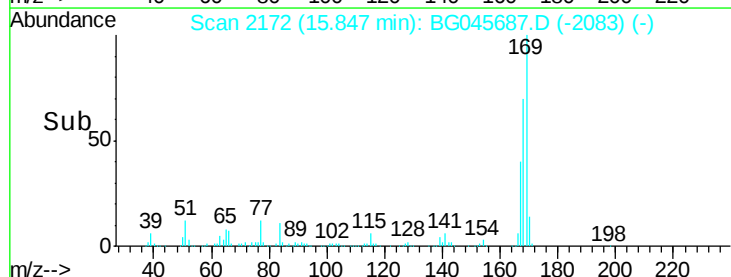
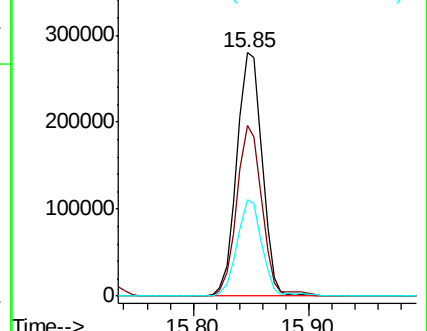
167 39.6 31.5 47.3



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

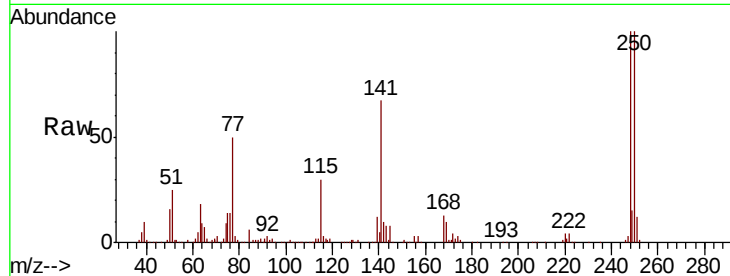




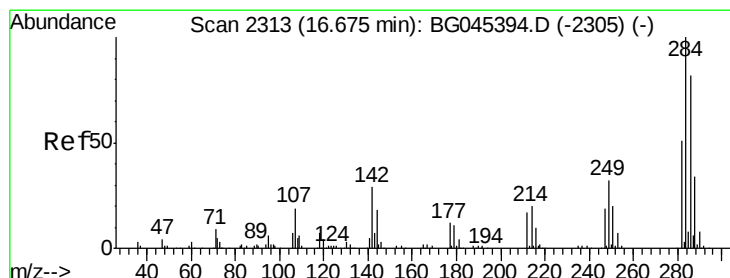
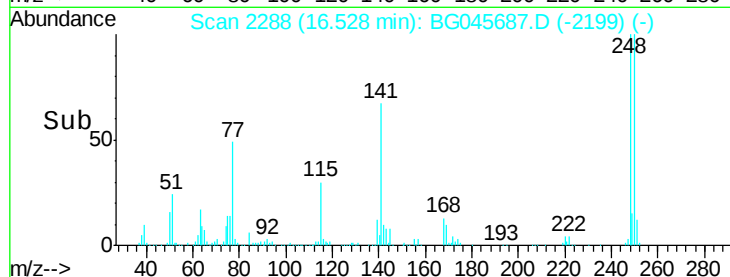
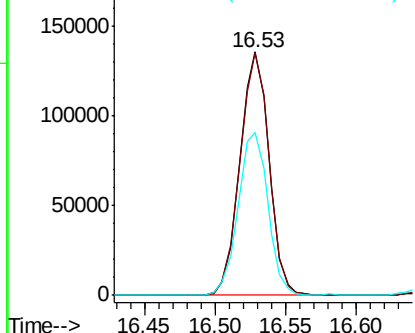
#67
4-Bromophenyl-phenylether
Concen: 44.702 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.6	78.6	117.8
141	67.0	58.2	87.2

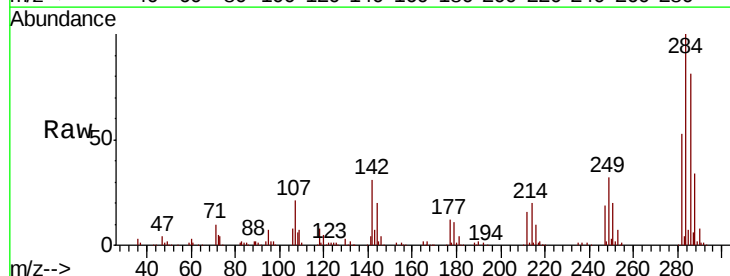


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

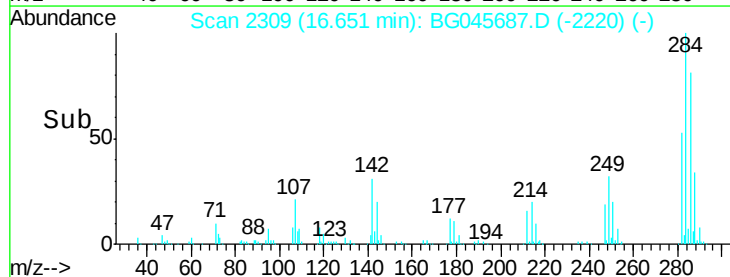
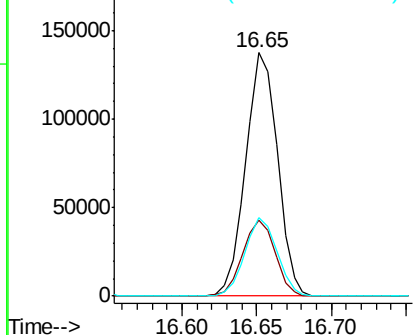


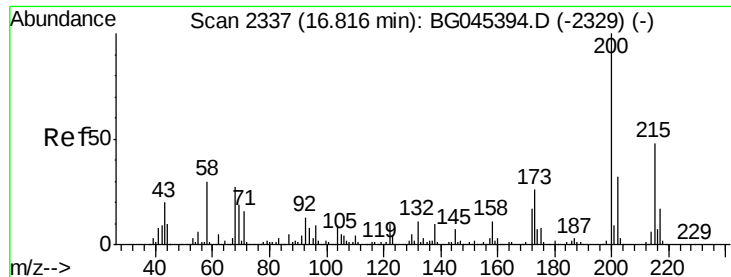
#68
Hexachlorobenzene
Concen: 44.298 ng
RT: 16.65 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.1	23.0	34.6
249	32.0	25.8	38.6



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: 39.165 ng

RT: 16.80 min Scan# 2334

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

Instrument :

BNA_G

ClientSampleId :

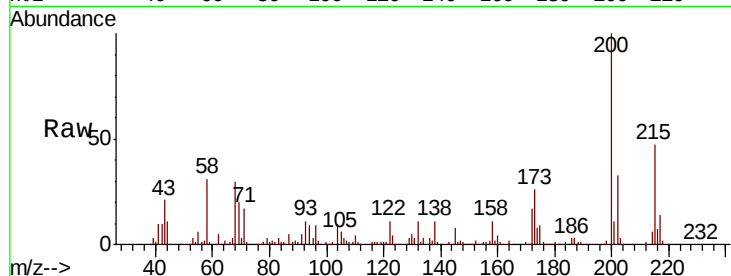
Tot Ion:200 Resp: 156460

Ion Ratio Lower Upper

200 100

173 26.2 5.5 45.5

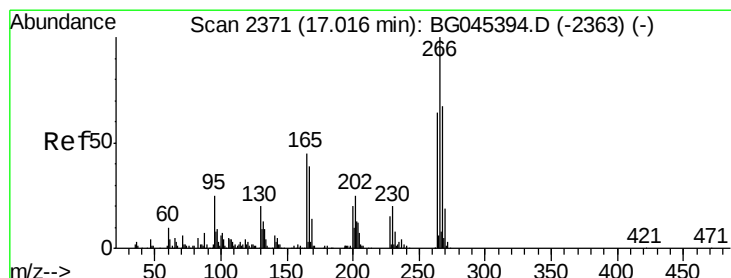
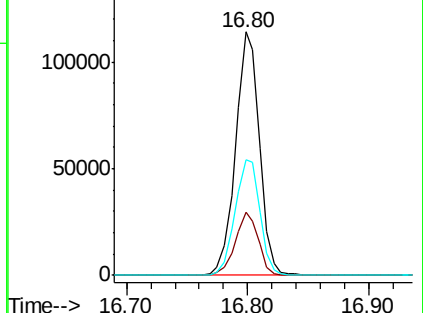
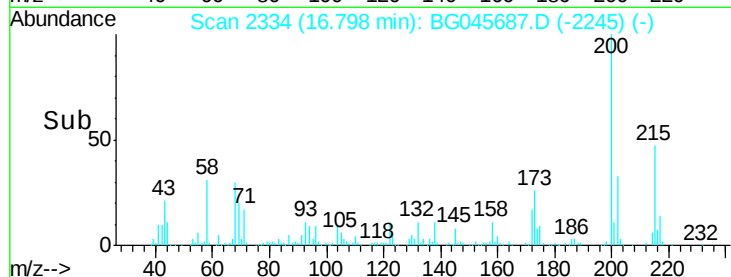
215 47.5 28.2 68.2



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: 35.411 ng

RT: 17.00 min Scan# 2369

Delta R.T. 0.00 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

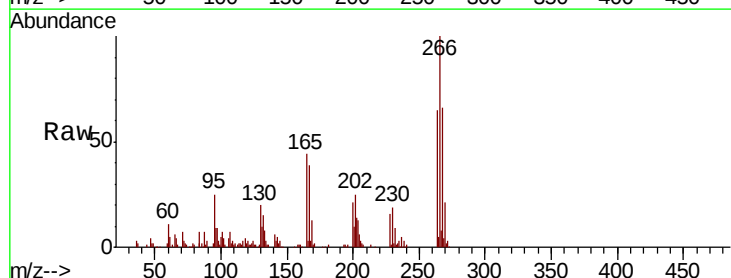
Tgt Ion:266 Resp: 84120

Ion Ratio Lower Upper

266 100

268 65.9 53.2 79.8

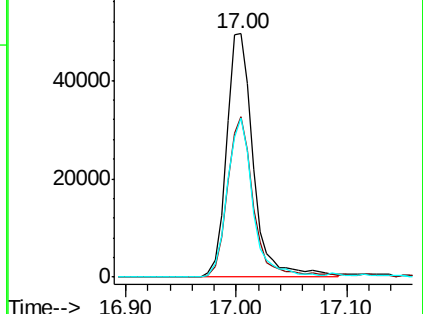
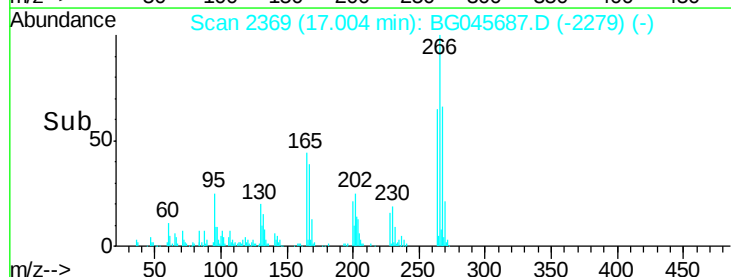
264 65.1 51.0 76.4

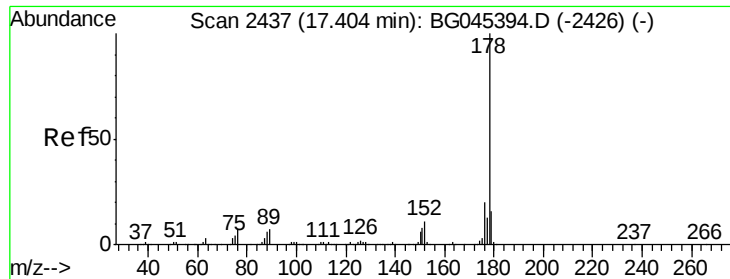


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

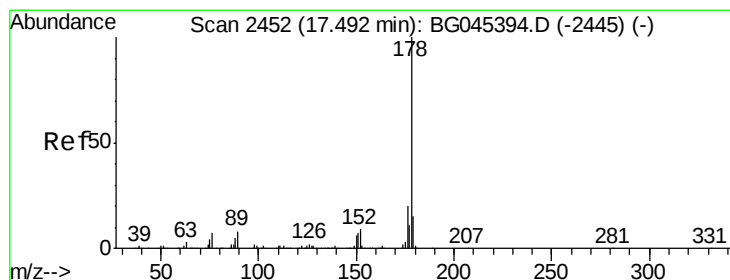
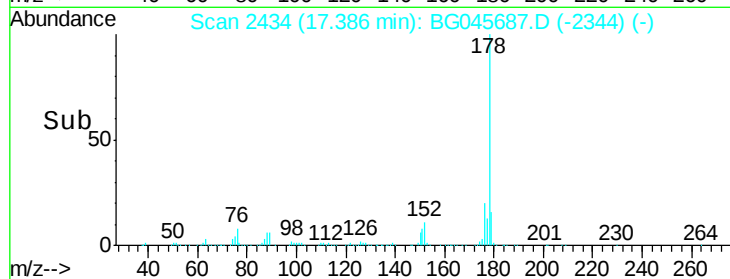
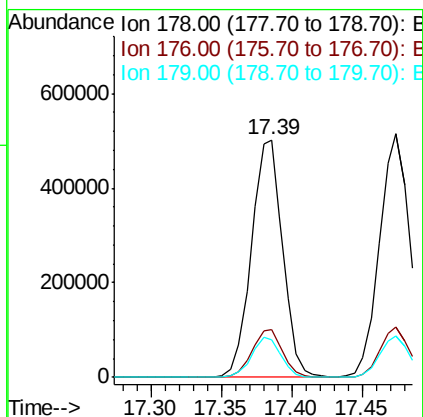
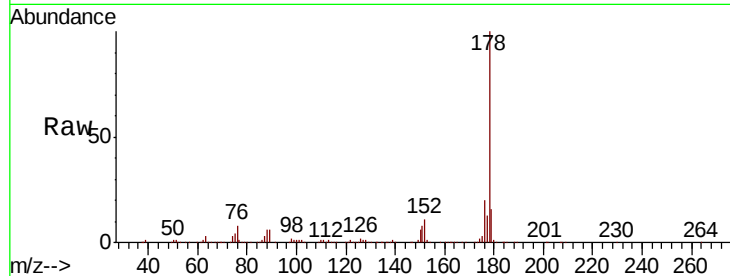




#71
Phenanthrene
Concen: 44.151 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

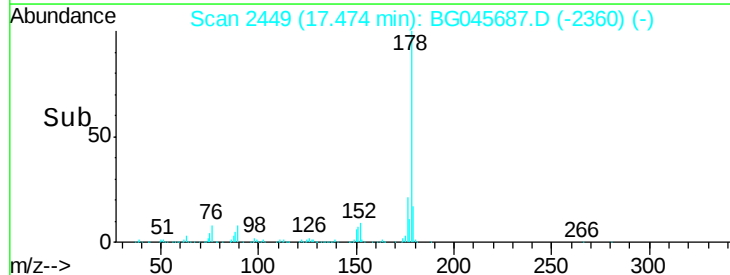
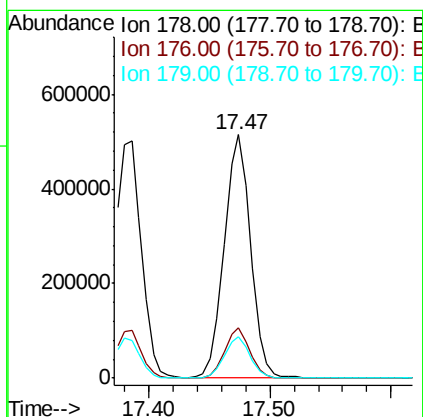
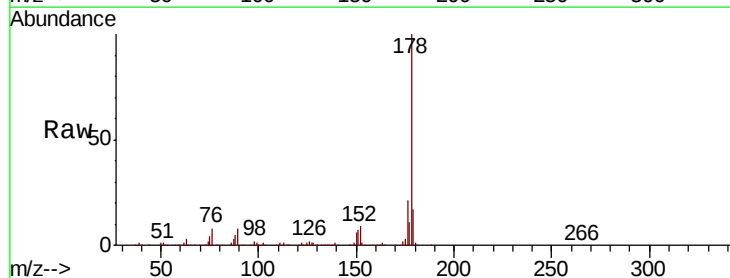
Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 778595
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.4
179 15.9 13.1 19.7



#72
Anthracene
Concen: 43.844 ng
RT: 17.47 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

Tgt Ion:178 Resp: 776470
Ion Ratio Lower Upper
178 100
176 20.6 15.8 23.6
179 16.8 12.2 18.4





#73

Carbazole

Concen: 43.509 ng

RT: 17.74 min Scan# 2495

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

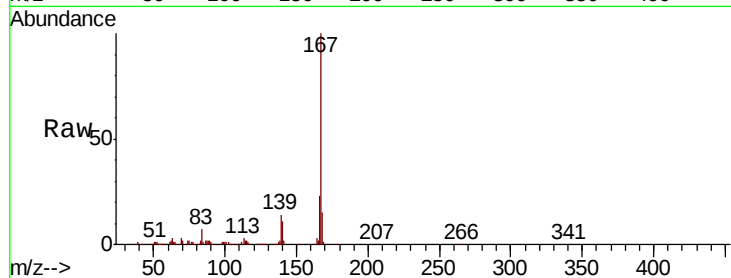
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 751079

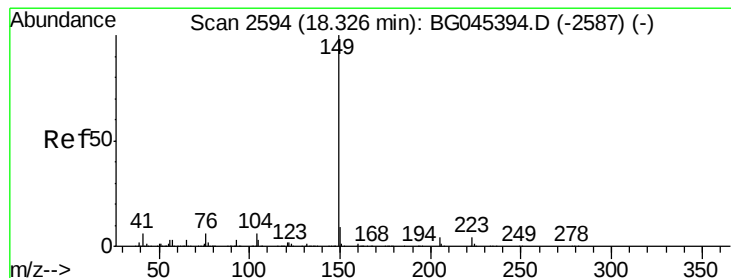
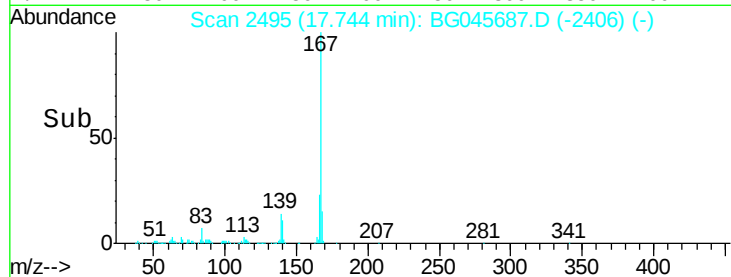
Ion	Ratio	Lower	Upper
167	100		
166	23.4	19.2	28.8
139	13.5	10.6	16.0



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: 43.067 ng

RT: 18.30 min Scan# 2590

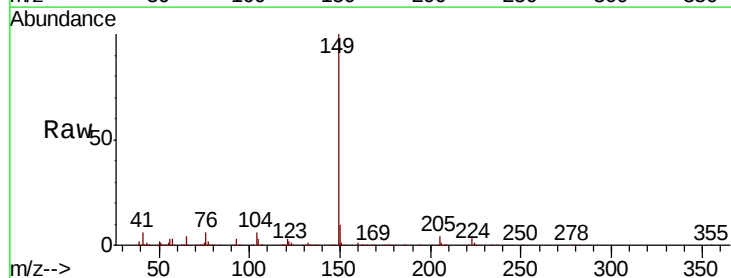
Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

Tgt Ion:149 Resp: 892320

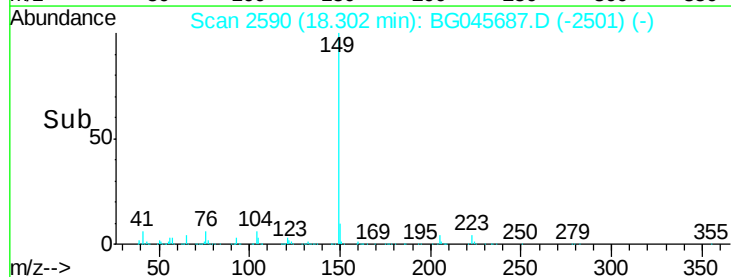
Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.6	11.4
104	6.4	5.0	7.4

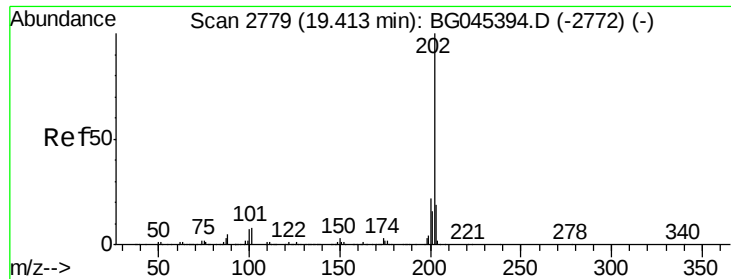


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.462 ng

RT: 19.39 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

Instrument :

BNA_G

ClientSampleId :

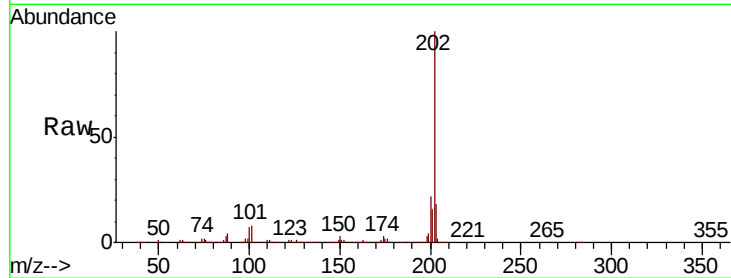
Tot Ion:202 Resp: 974879

Ion Ratio Lower Upper

202 100

101 8.5 0.0 28.3

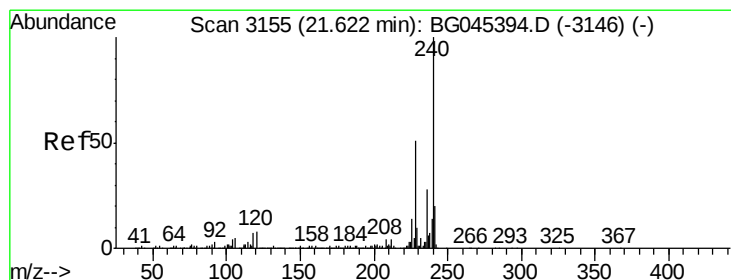
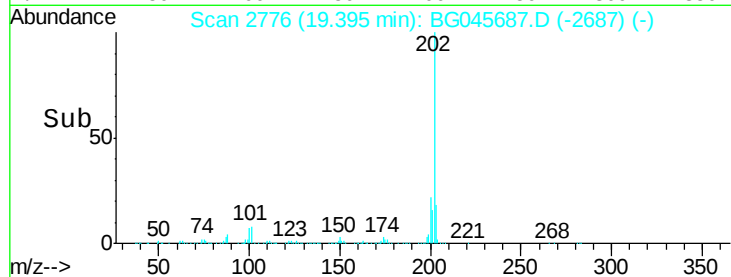
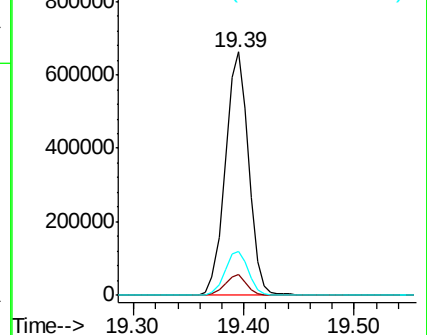
203 18.3 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

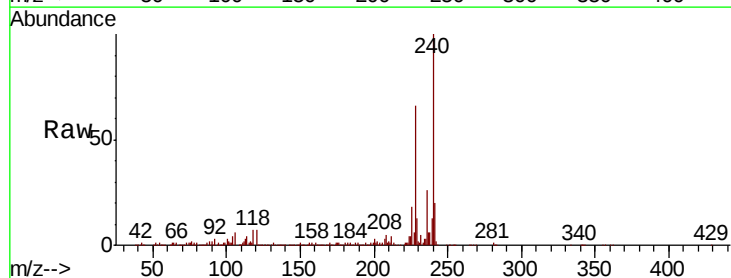
Tgt Ion:240 Resp: 392298

Ion Ratio Lower Upper

240 100

120 7.4 6.1 9.1

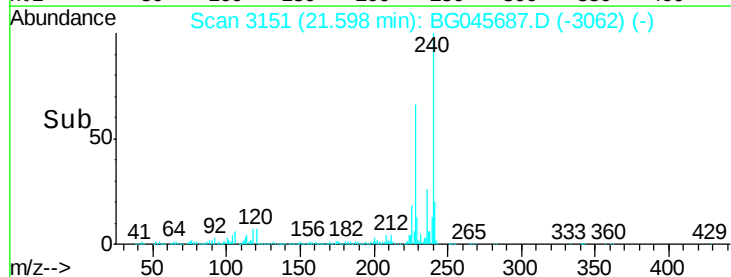
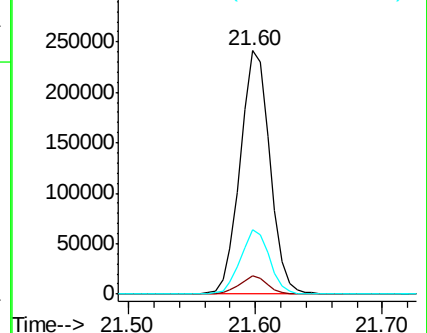
236 26.3 22.3 33.5

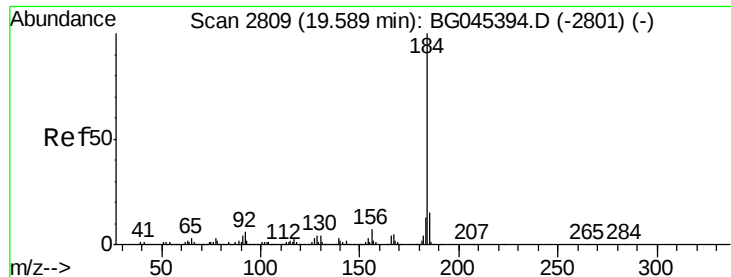


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.465 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

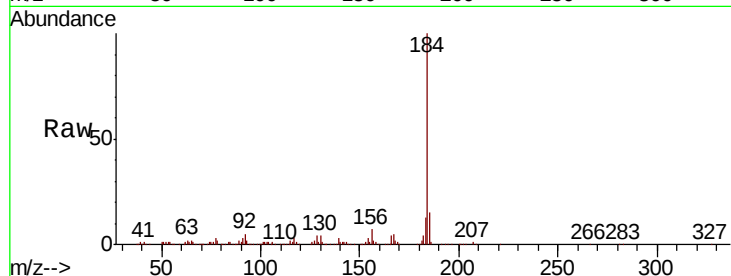
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 357690

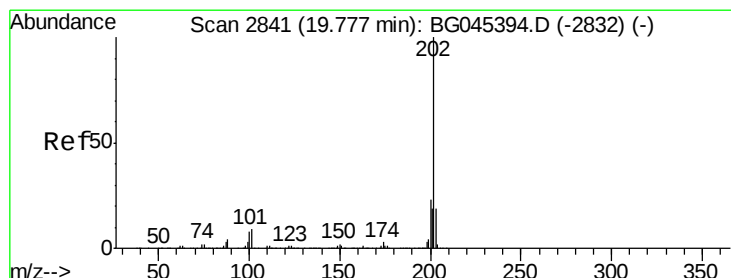
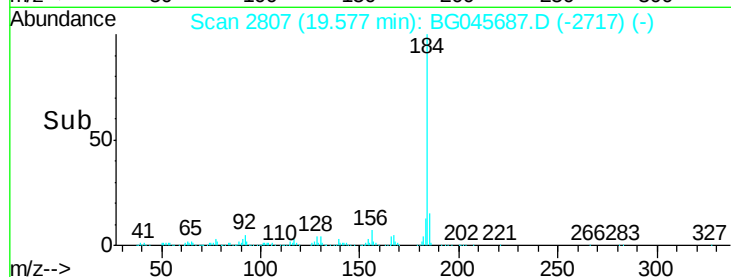
Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.7	17.5
183	13.1	10.2	15.4



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: 43.970 ng

RT: 19.75 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

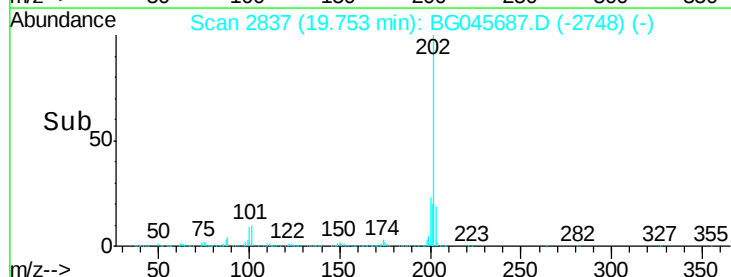
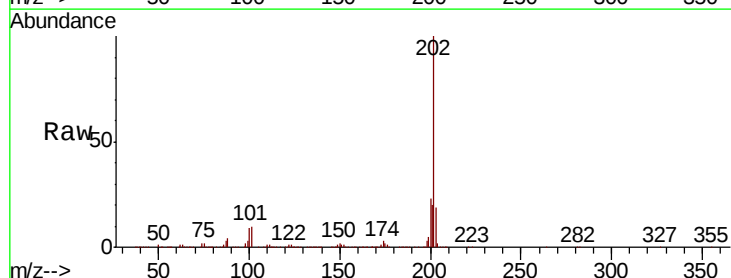
Tgt Ion:202 Resp: 983293

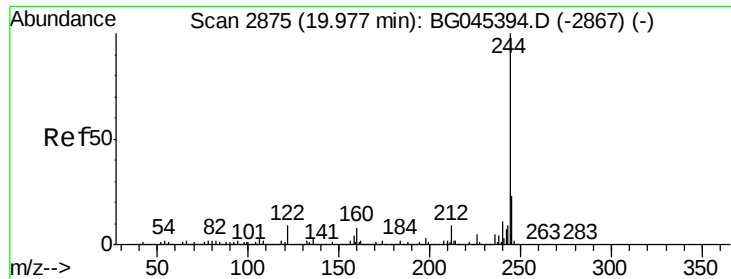
Ion	Ratio	Lower	Upper
202	100		
200	23.2	18.2	27.2
203	19.2	15.1	22.7

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: 90.046 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

Instrument :

BNA_G

ClientSampled :

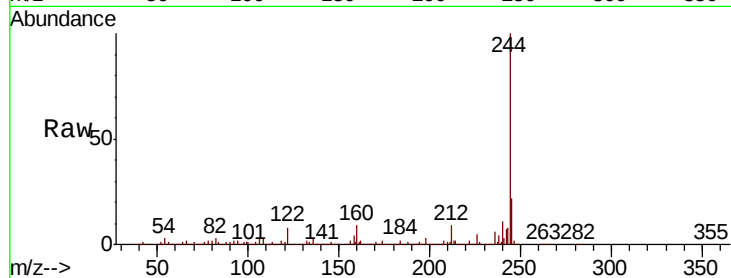
Tot Ion:244 Resp: 1514600

Ion Ratio Lower Upper

244 100

212 9.1 7.4 11.0

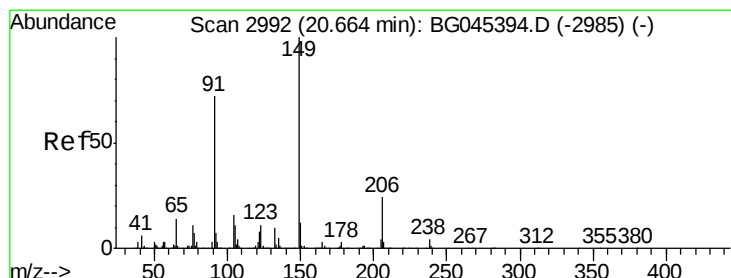
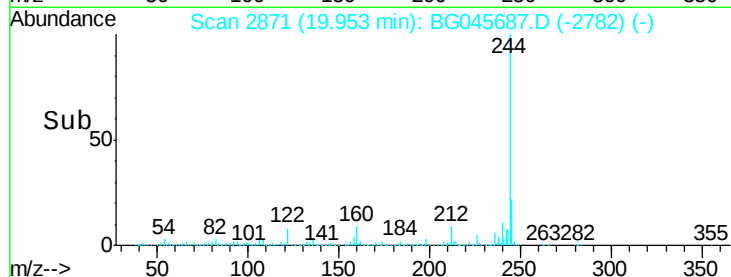
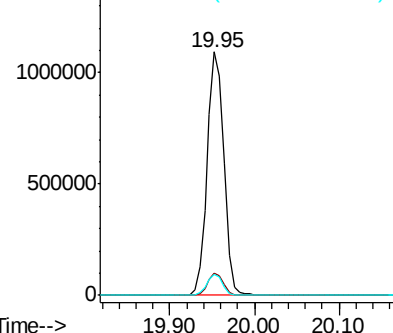
122 8.4 6.8 10.2



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: 43.089 ng

RT: 20.64 min Scan# 2988

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

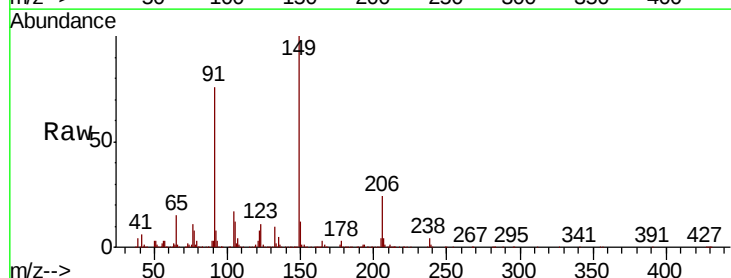
Tgt Ion:149 Resp: 415916

Ion Ratio Lower Upper

149 100

91 76.4 57.8 86.6

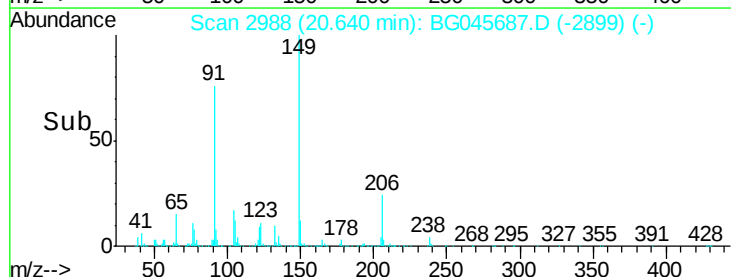
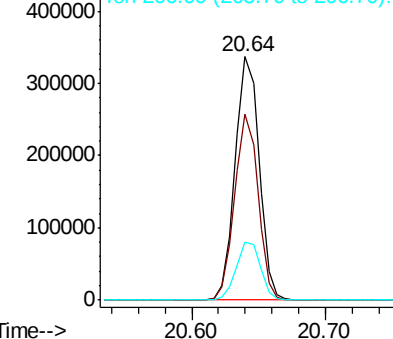
206 23.8 19.1 28.7

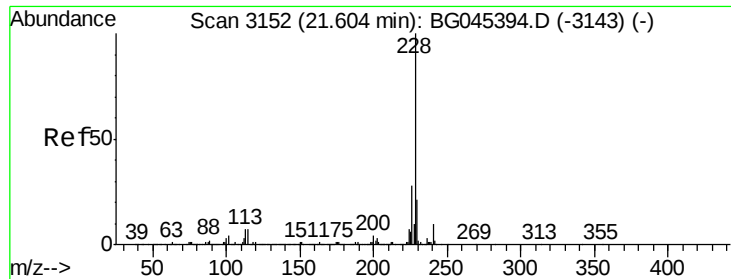


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.679 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

Instrument :

BNA_G

ClientSampleId :

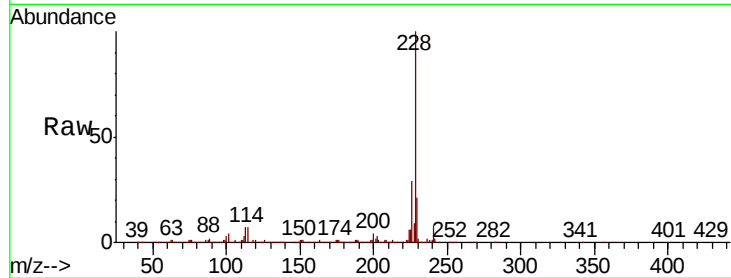
Tot Ion:228 Resp: 976406

Ion Ratio Lower Upper

228 100

226 28.9 22.7 34.1

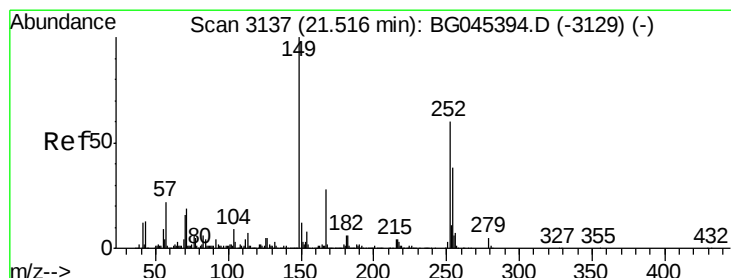
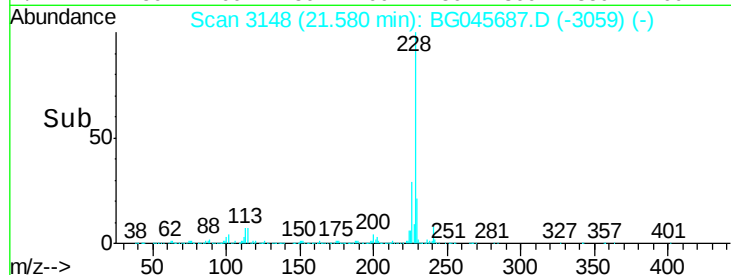
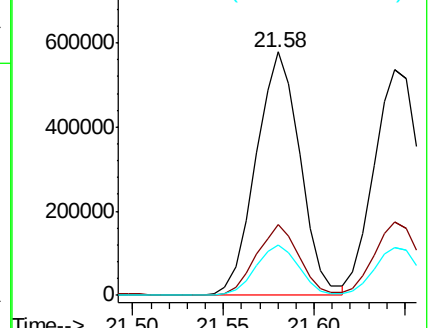
229 20.7 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.271 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

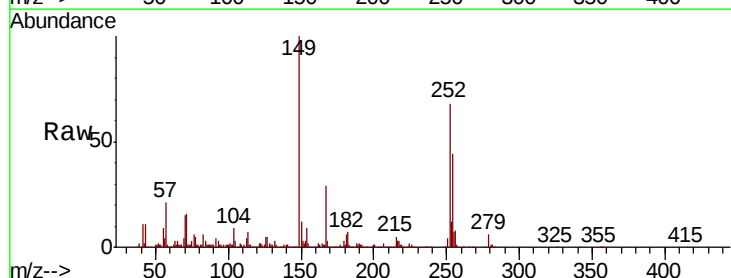
Tgt Ion:252 Resp: 362365

Ion Ratio Lower Upper

252 100

254 64.5 51.3 76.9

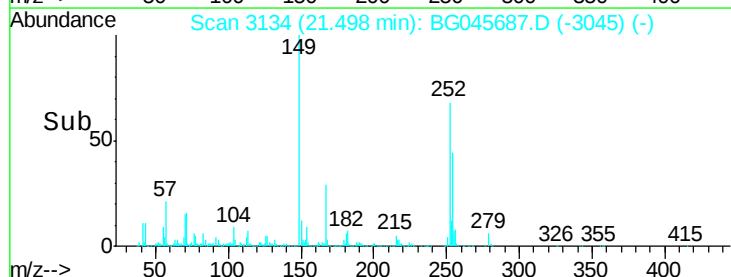
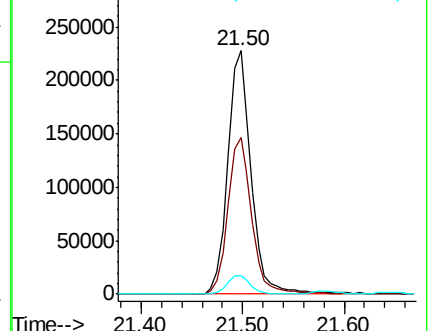
126 7.6 6.6 10.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.508 ng

RT: 21.64 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

Instrument :

BNA_G

ClientSampleId :

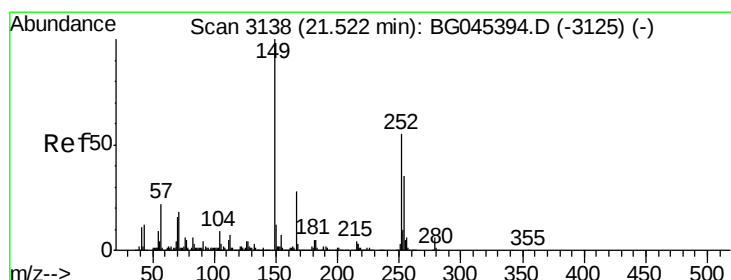
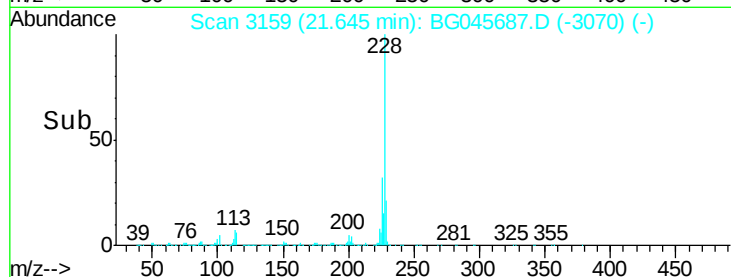
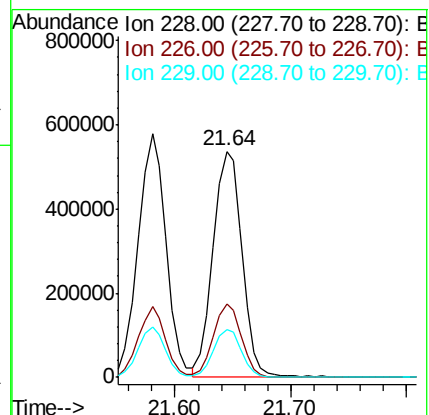
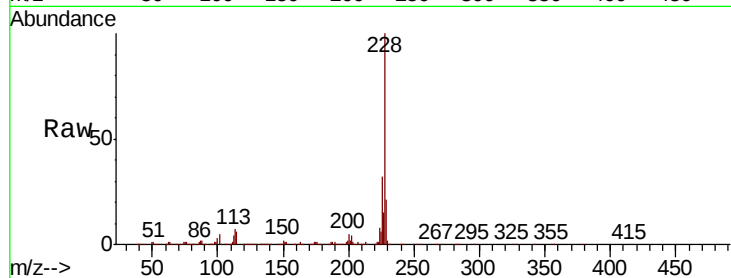
Tot Ion:228 Resp: 935254

Ion Ratio Lower Upper

228 100

226 32.2 25.2 37.8

229 21.3 16.7 25.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.151 ng

RT: 21.49 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

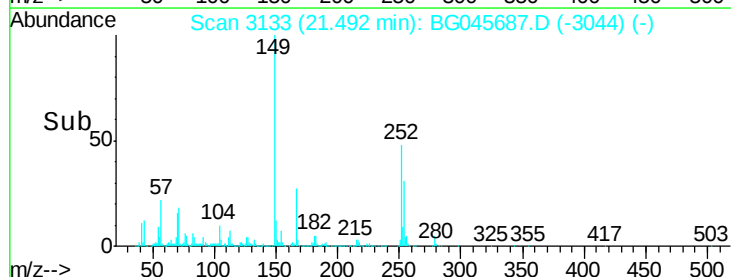
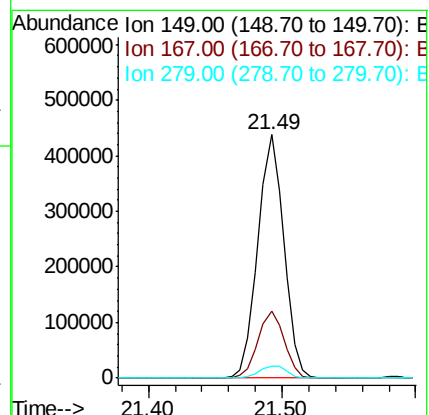
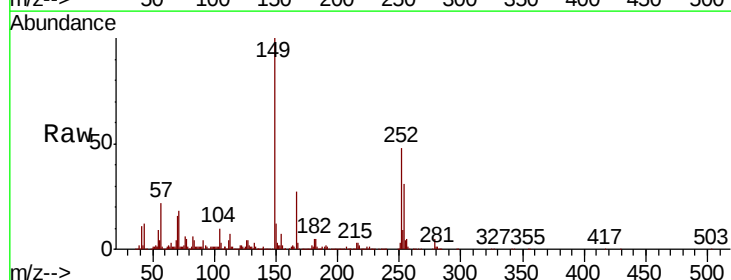
Tgt Ion:149 Resp: 585821

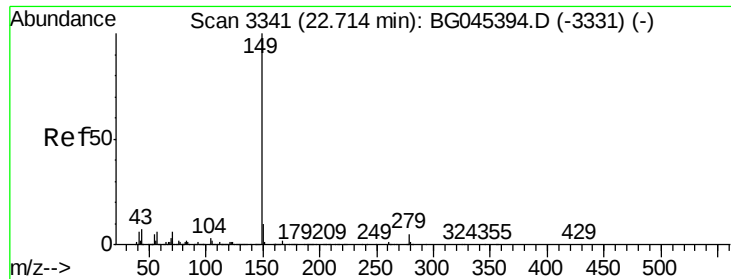
Ion Ratio Lower Upper

149 100

167 27.3 22.2 33.2

279 5.1 4.7 7.1





#85

Di-n-octyl phthalate

Concen: 43.515 ng

RT: 22.67 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

Instrument :

BNA_G

ClientSampleId :

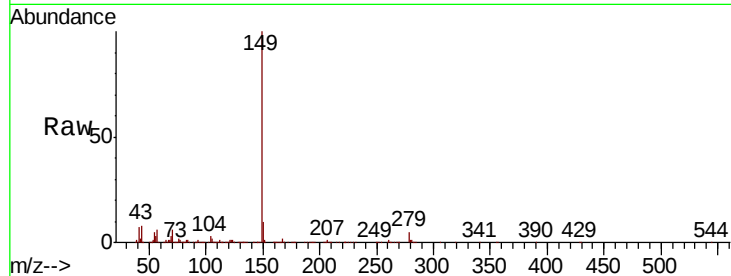
Tot Ion:149 Resp: 991652

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

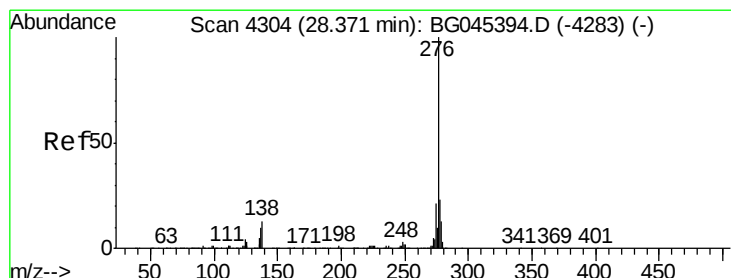
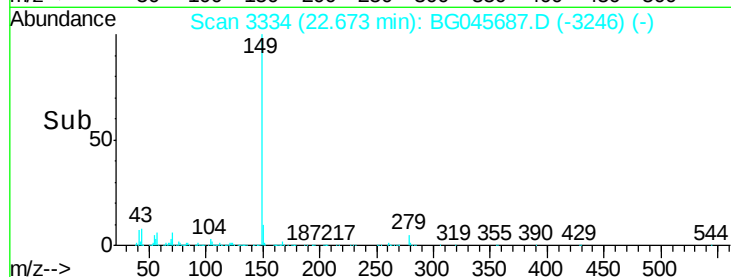
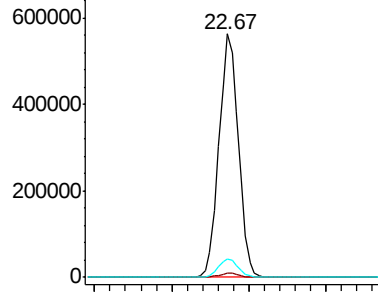
43 7.4 5.8 8.8



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: 43.654 ng

RT: 28.31 min Scan# 4294

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

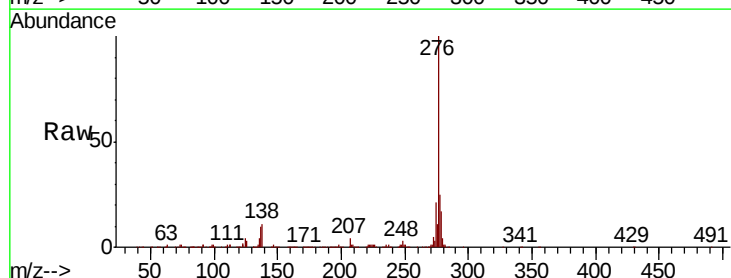
Tgt Ion:276 Resp: 1199541

Ion Ratio Lower Upper

276 100

138 14.2 8.6 12.8#

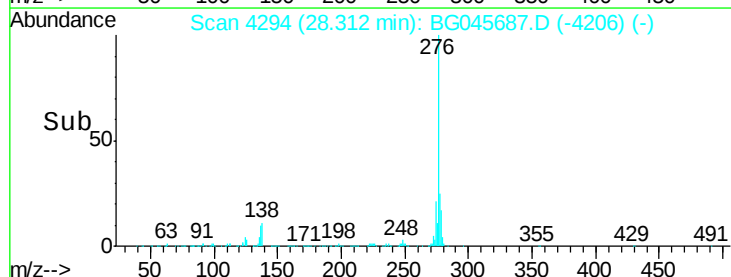
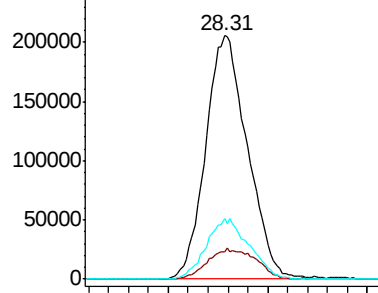
277 25.5 20.2 30.4

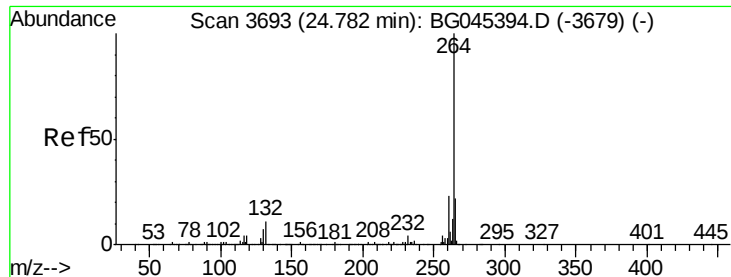


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.74 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

Instrument :

BNA_G

ClientSampleId :

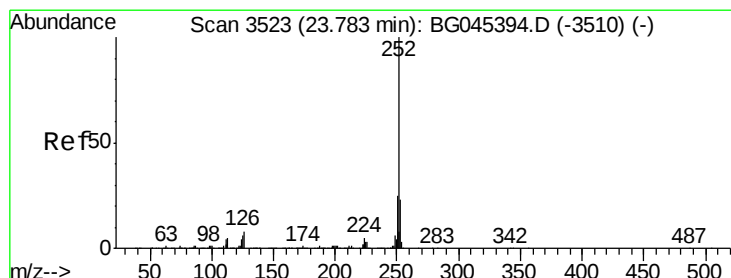
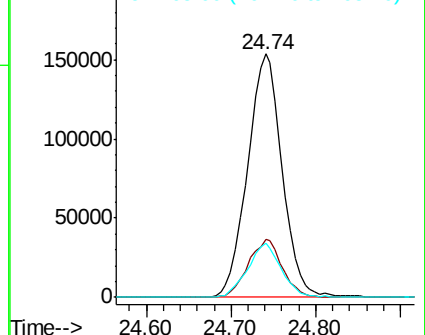
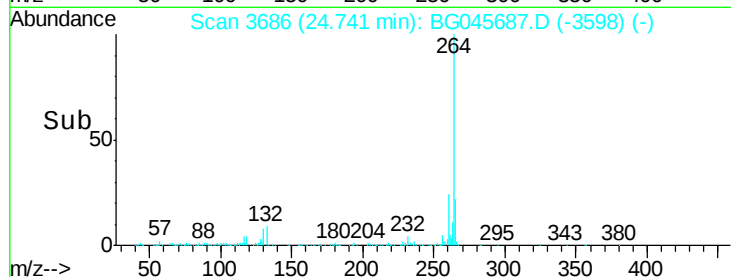
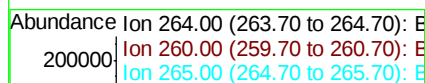
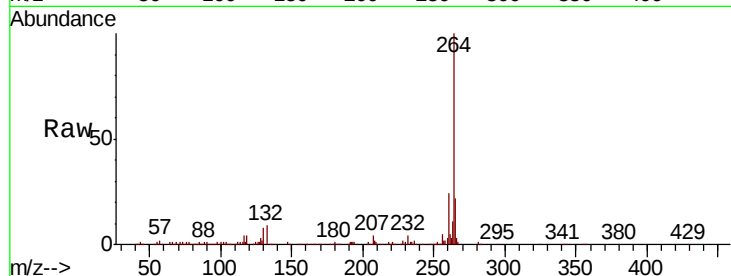
Tot Ion:264 Resp: 435402

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 22.4 17.6 26.4



#88

Benzo(b)fluoranthene

Concen: 45.374 ng

RT: 23.75 min Scan# 3517

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

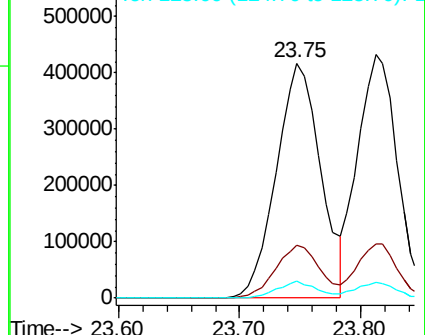
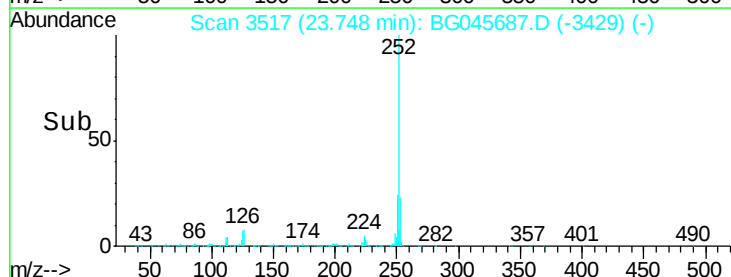
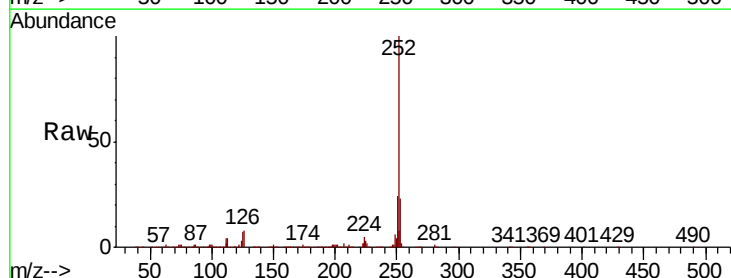
Tgt Ion:252 Resp: 1059545

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

125 7.1 5.0 7.6

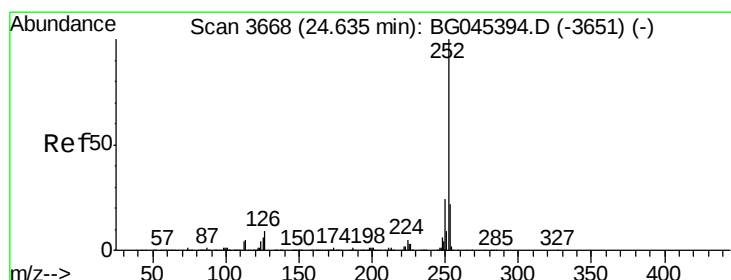
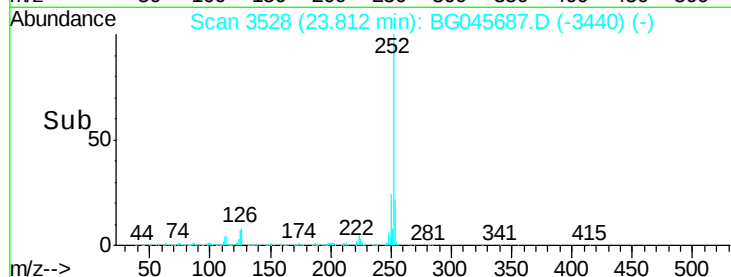
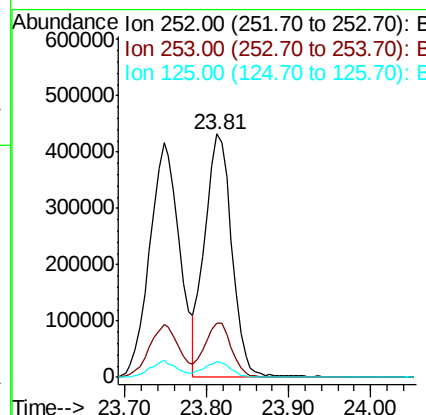
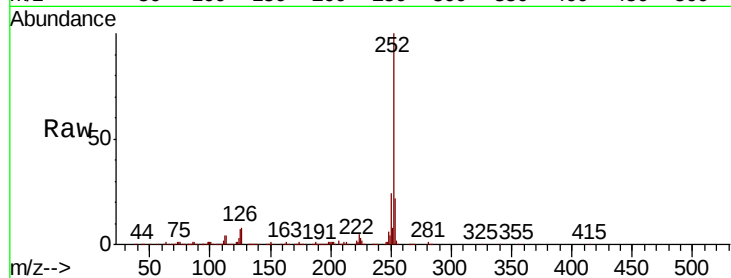




#89
Benzo(k)fluoranthene
Concen: 45.141 ng
RT: 23.81 min Scan# 3528
Delta R.T. -0.01 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

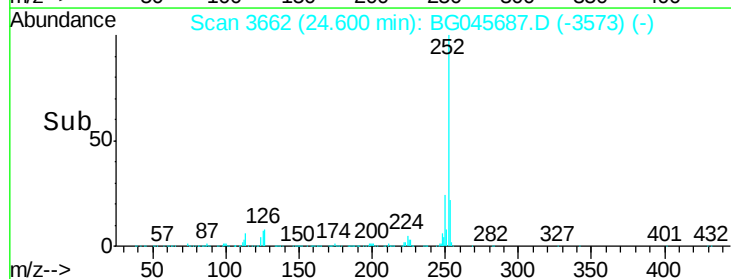
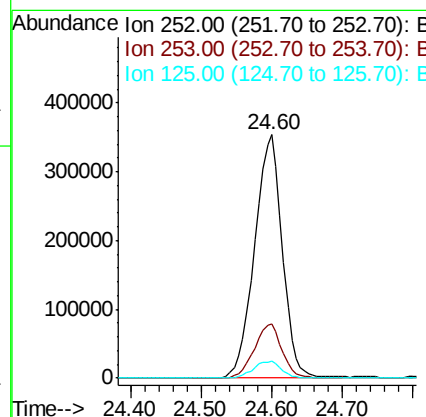
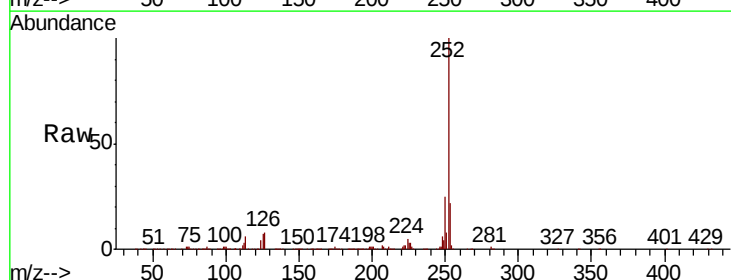
Instrument :
BNA_G
ClientSampled :

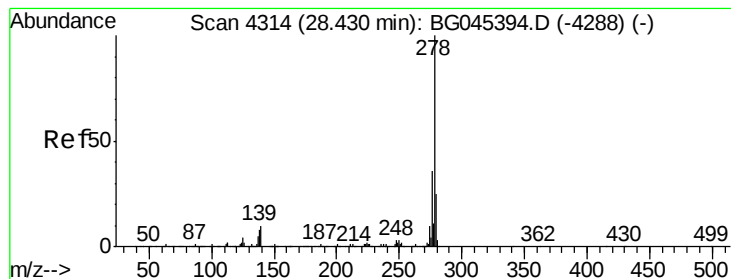
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	6.7	5.7	8.5



#90
Benzo(a)pyrene
Concen: 44.682 ng
RT: 24.60 min Scan# 3662
Delta R.T. -0.01 min
Lab File: BG045687.D
Acq: 10 Jun 2020 11:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	6.8	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 44.246 ng

RT: 28.37 min Scan# 4304

Delta R.T. -0.02 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

Instrument :

BNA_G

ClientSampleId :

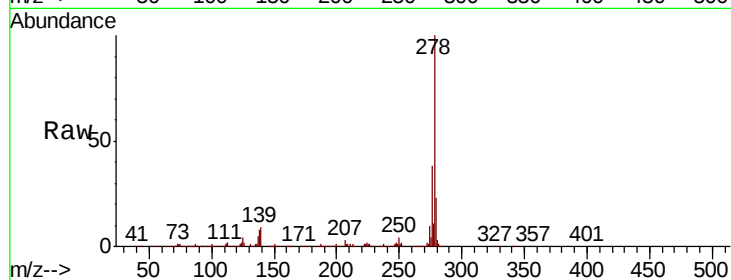
Tot Ion:278 Resp: 966951

Ion Ratio Lower Upper

278 100

139 9.3 7.8 11.8

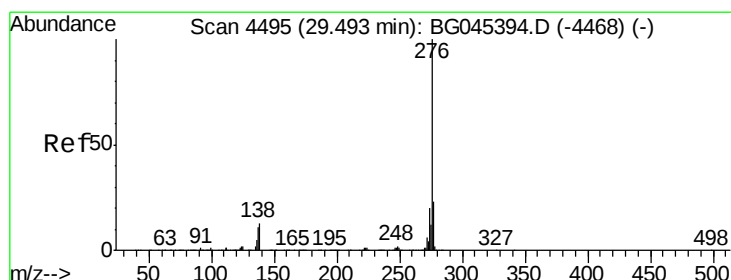
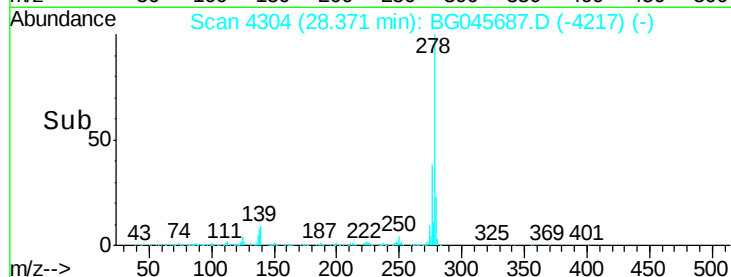
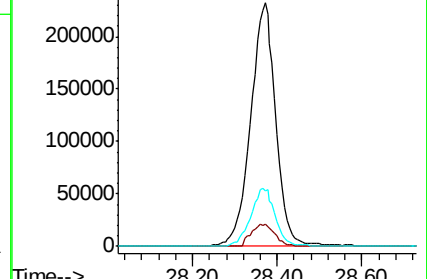
279 22.9 19.8 29.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.002 ng

RT: 29.43 min Scan# 4484

Delta R.T. -0.01 min

Lab File: BG045687.D

Acq: 10 Jun 2020 11:54

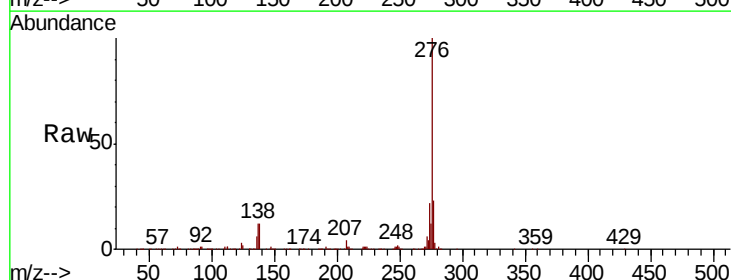
Tgt Ion:276 Resp: 961756

Ion Ratio Lower Upper

276 100

277 23.2 18.1 27.1

138 11.7 10.2 15.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

