

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045601.D
 Acq On : 4 Jun 2020 7:05
 Operator : CG/JU
 Sample : L2837-02MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 04 07:41:39 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	59099	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	232541	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	168242	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	408565	20.00	ng	0.00
76) Chrysene-d12	21.61	240	385743	20.00	ng	0.00
87) Perylene-d12	24.75	264	425171	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	401638	132.81	ng	0.00
7) Phenol-d6	7.15	99	499842	116.13	ng	0.00
23) Nitrobenzene-d5	9.11	82	418433	98.12	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	325977	151.50	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	955568	96.34	ng	0.00
79) Terphenyl-d14	19.96	244	1706240	103.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	56105	37.413	ng	# 31
3) Pyridine	3.82	79	89043	21.320	ng	99
4) n-Nitrosodimethylamine	3.72	42	62092	45.433	ng	90
6) Aniline	7.28	93	129412	23.033	ng	# 95
8) 2-Chlorophenol	7.53	128	166643	50.250	ng	95
9) Benzaldehyde	7.08	77	112030	39.950	ng	96
10) Phenol	7.18	94	180491	40.688	ng	100
11) bis(2-Chloroethyl)ether	7.37	93	159928	46.221	ng	98
12) 1,3-Dichlorobenzene	7.84	146	183399	46.020	ng	94
13) 1,4-Dichlorobenzene	7.99	146	188149	47.840	ng	98
14) 1,2-Dichlorobenzene	8.30	146	172073	45.490	ng	97
15) Benzyl Alcohol	8.20	79	171839	48.329	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	146287	44.540	ng	96
17) 2-Methylphenol	8.42	107	147342	44.376	ng	98
18) Hexachloroethane	9.04	117	70192	46.600	ng	94
19) n-Nitroso-di-n-propylamine	8.76	70	142651	47.928	ng	97
20) 3+4-Methylphenols	8.42	107	147342	32.588	ng	79
22) Acetophenone	8.77	105	263146	47.745	ng	98
24) Nitrobenzene	9.16	77	214849	47.025	ng	# 96
25) Isophorone	9.68	82	401891	47.855	ng	100
26) 2-Nitrophenol	9.87	139	98294	50.292	ng	95
27) 2,4-Dimethylphenol	9.95	122	156834	54.104	ng	95
28) bis(2-Chloroethoxy)methane	10.16	93	217713	49.432	ng	97
29) 2,4-Dichlorophenol	10.42	162	172527	50.401	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	197686	48.873	ng	98
31) Naphthalene	10.81	128	521762	48.150	ng	98
32) Benzoic acid	10.11	122	73802	39.640	ng	95
33) 4-Chloroaniline	10.93	127	39773	8.781	ng	97
34) Hexachlorobutadiene	11.10	225	134849	47.163	ng	98
35) Caprolactam	11.69	113	29321	23.336	ng	92
36) 4-Chloro-3-methylphenol	12.07	107	196248	50.878	ng	95
37) 2-Methylnaphthalene	12.42	142	392531	48.601	ng	96
38) 1-Methylnaphthalene	12.42	142	392531	51.450	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	228877	48.705	ng	99

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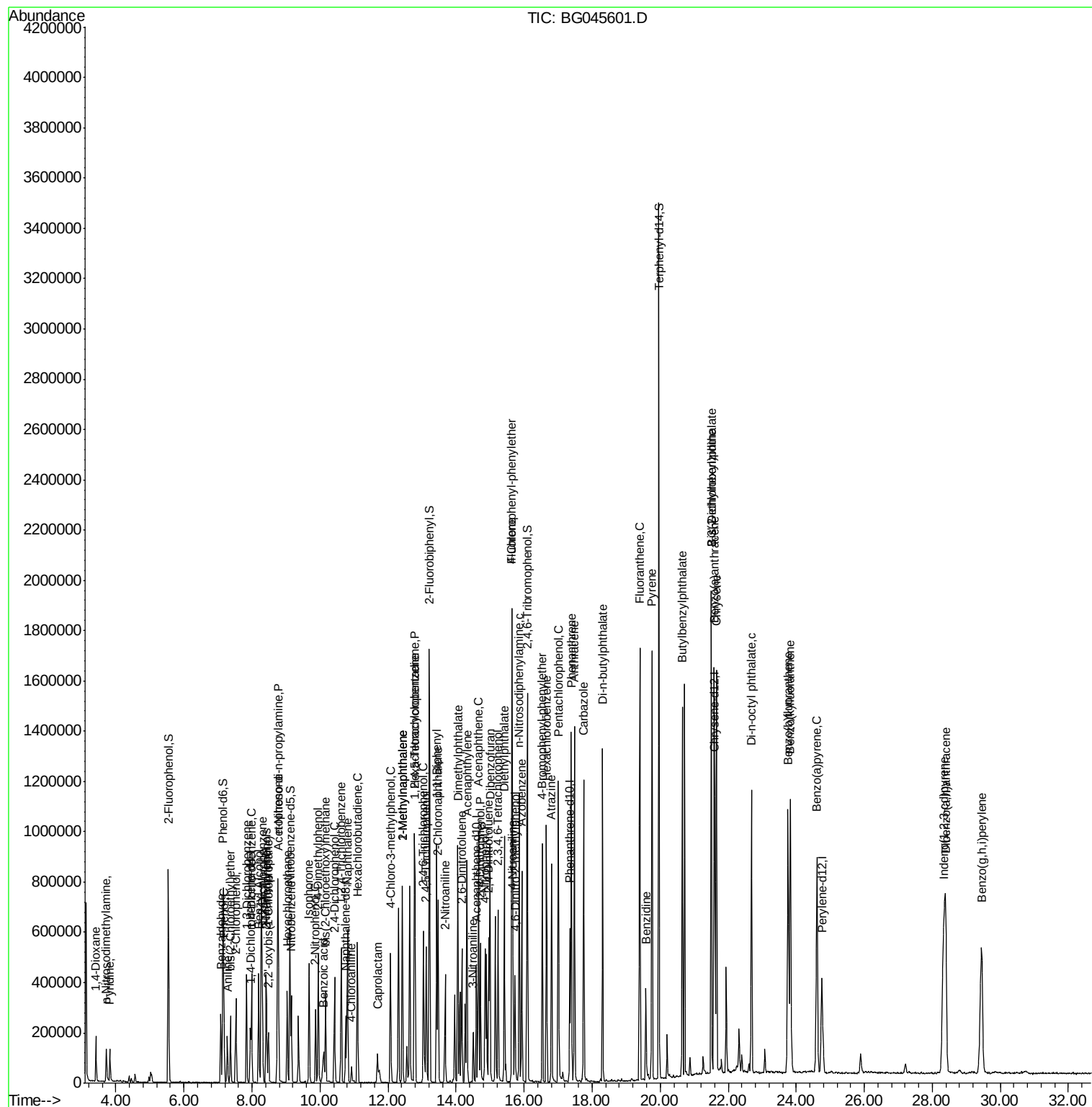
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	227309	83.806	ng	97
43) 2,4,6-Trichlorophenol	13.04	196	156890	48.061	ng	95
44) 2,4,5-Trichlorophenol	13.12	196	171635	46.010	ng	95
46) 1,1'-Biphenyl	13.43	154	507840	49.125	ng	99
47) 2-Chloronaphthalene	13.47	162	391370	46.622	ng	98
48) 2-Nitroaniline	13.68	65	131815	47.736	ng	93
49) Acenaphthylene	14.32	152	650311	48.229	ng	98
50) Dimethylphthalate	14.06	163	643559	55.762	ng	99
51) 2,6-Dinitrotoluene	14.17	165	123332	47.357	ng	95
52) Acenaphthene	14.66	154	388025	42.991	ng	96
53) 3-Nitroaniline	14.51	138	57118	21.575	ng	# 95
54) 2,4-Dinitrophenol	14.71	184	137717	80.676	ng	94
55) Dibenzofuran	14.99	168	633873	47.292	ng	96
56) 4-Nitrophenol	14.85	139	156900	78.281	ng	91
57) 2,4-Dinitrotoluene	14.96	165	177505	47.062	ng	96
58) Fluorene	15.65	166	534651	48.553	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	159684	48.656	ng	99
60) Diethylphthalate	15.42	149	561481	46.741	ng	98
61) 4-Chlorophenyl-phenylether	15.64	204	296706	47.087	ng	99
62) 4-Nitroaniline	15.67	138	123747	44.775	ng	95
63) Azobenzene	15.93	77	541437	48.338	ng	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	112058	47.094	ng	98
66) n-Nitrosodiphenylamine	15.85	169	478138	48.742	ng	96
67) 4-Bromophenyl-phenylether	16.53	248	208600	47.151	ng	96
68) Hexachlorobenzene	16.66	284	231068	49.937	ng	97
69) Atrazine	16.81	200	192777	47.712	ng	97
70) Pentachlorophenol	17.01	266	249415	103.809	ng	99
71) Phenanthrene	17.39	178	889252	49.857	ng	99
72) Anthracene	17.48	178	909527	50.779	ng	98
73) Carbazole	17.75	167	838921	48.050	ng	99
74) Di-n-butylphthalate	18.31	149	1003989	47.910	ng	99
75) Fluoranthene	19.40	202	1116677	49.222	ng	99
77) Benzidine	19.58	184	246109	22.717	ng	98
78) Pyrene	19.76	202	1103439	50.182	ng	99
80) Butylbenzylphthalate	20.65	149	458289	48.286	ng	97
81) Benzo(a)anthracene	21.59	228	1071303	49.855	ng	98
82) 3,3'-Dichlorobenzidine	21.50	252	210642	24.990	ng	97
83) Chrysene	21.65	228	1016973	49.219	ng	100
84) Bis(2-ethylhexyl)phthalate	21.50	149	628429	48.167	ng	98
85) Di-n-octyl phthalate	22.68	149	1077338	48.078	ng	100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1332899	49.332	ng	# 96
88) Benzo(b)fluoranthene	23.76	252	1153607	50.591	ng	99
89) Benzo(k)fluoranthene	23.82	252	1066578	49.788	ng	100
90) Benzo(a)pyrene	24.61	252	1035652	48.768	ng	99
91) Dibenzo(a,h)anthracene	28.39	278	1092888	51.212	ng	97
92) Benzo(g,h,i)perylene	29.46	276	1104766	51.762	ng	98

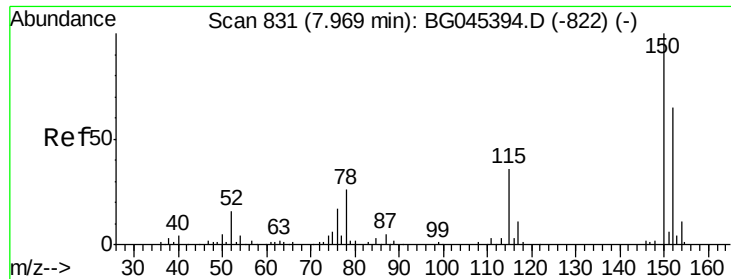
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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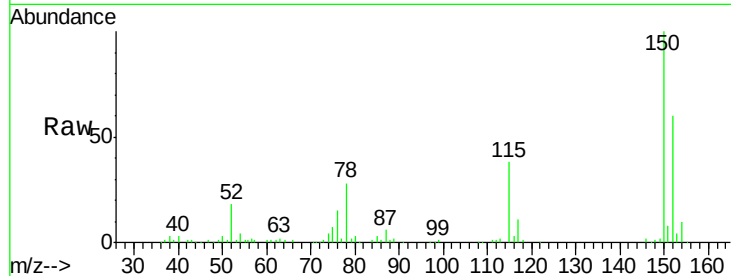


#1

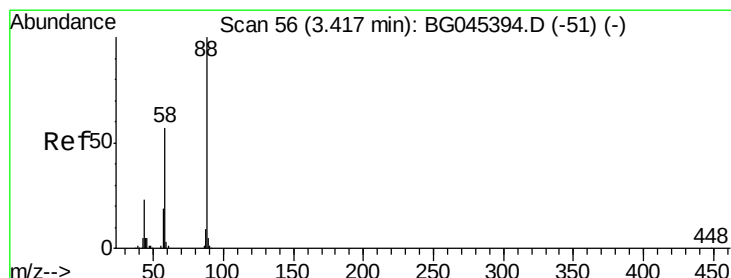
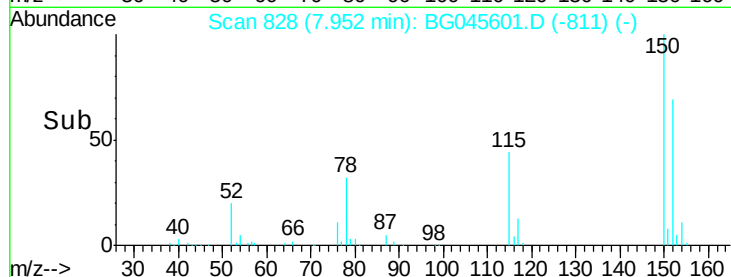
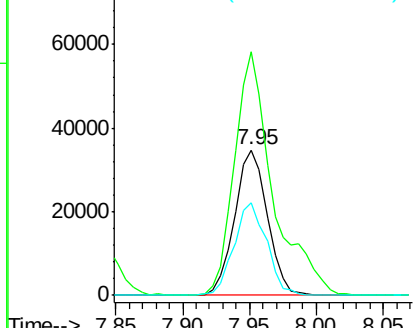
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Instrument :
BNA_G
ClientSampled :

Tot Ion	152	Resp	59099
Ion Ratio	Lower	Upper	
152	100		
150	167.2	122.4	183.6
115	63.6	44.2	66.4



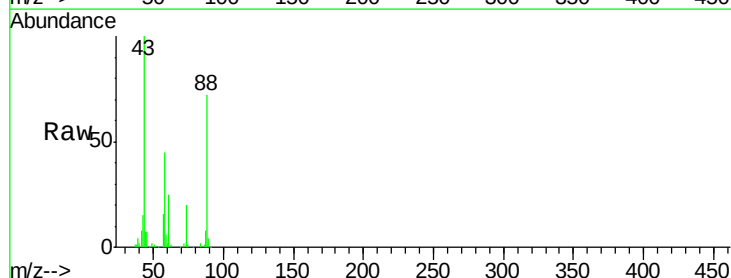
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



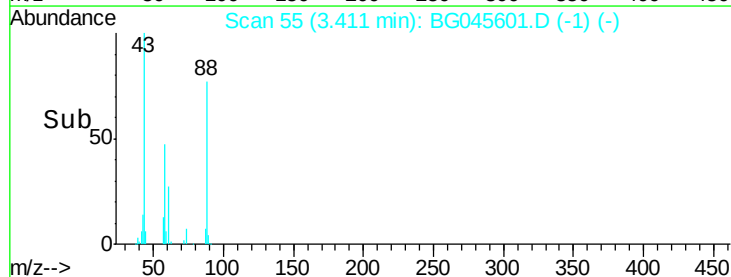
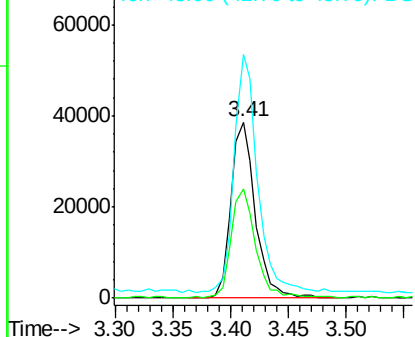
#2

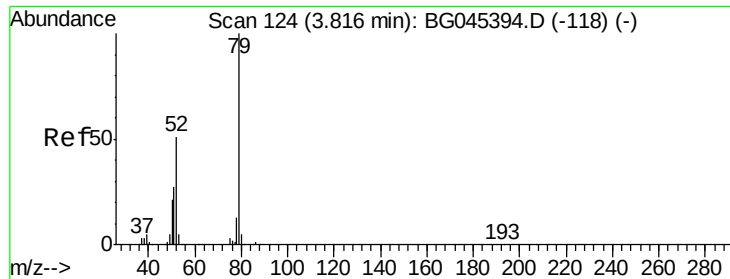
1,4-Dioxane
Concen: 37.413 ng
RT: 3.41 min Scan# 55
Delta R.T. 0.01 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion	88	Resp	56105
Ion Ratio	Lower	Upper	
88	100		
58	62.7	45.7	68.5
43	131.3	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: 21.320 ng

RT: 3.82 min Scan# 124

Delta R.T. 0.01 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Instrument :

BNA_G

ClientSampleId :

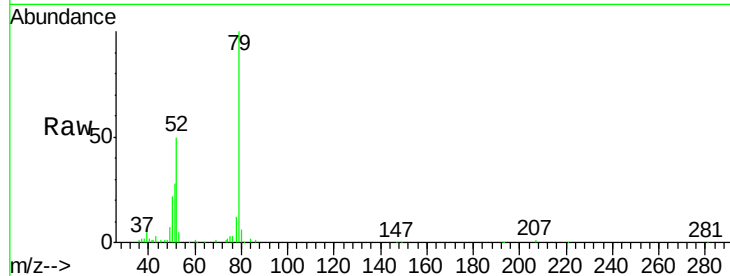
Tot Ion: 79 Resp: 89043

Ion Ratio Lower Upper

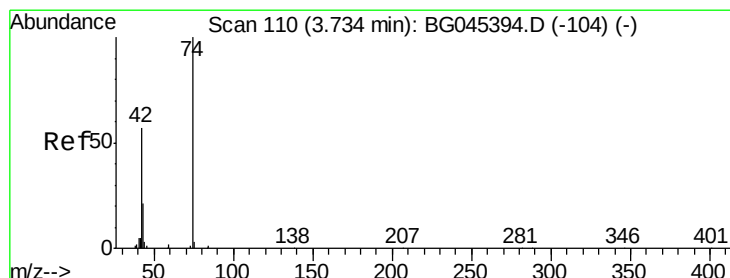
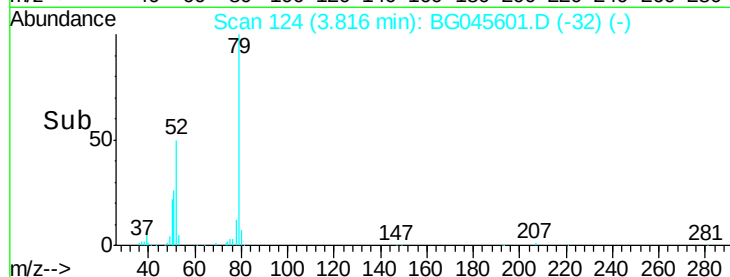
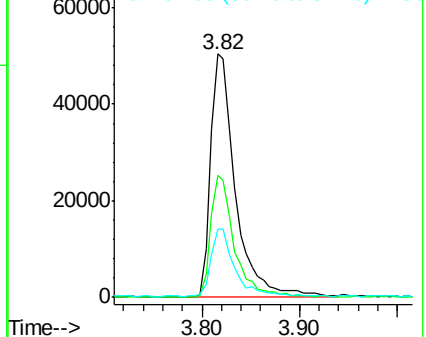
79 100

52 50.3 40.8 61.2

51 28.0 21.9 32.9



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



#4

n-Nitrosodimethylamine

Concen: 45.433 ng

RT: 3.72 min Scan# 107

Delta R.T. 0.01 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

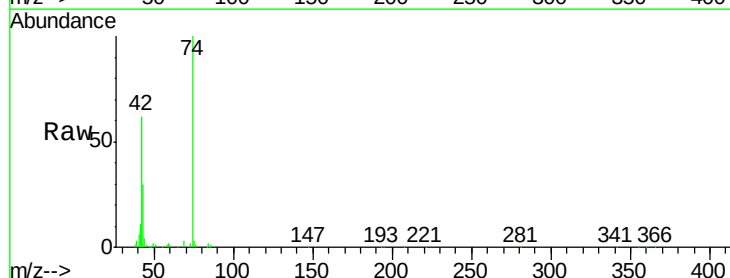
Tgt Ion: 42 Resp: 62092

Ion Ratio Lower Upper

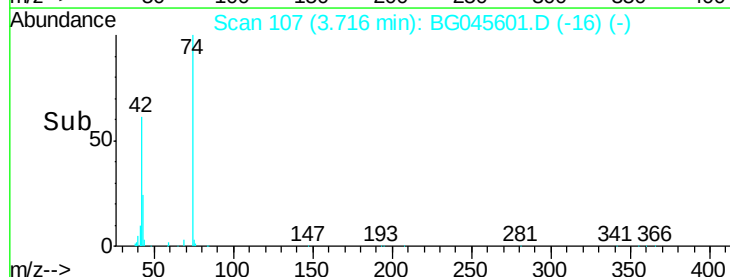
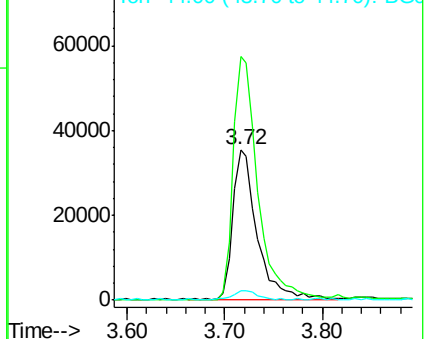
42 100

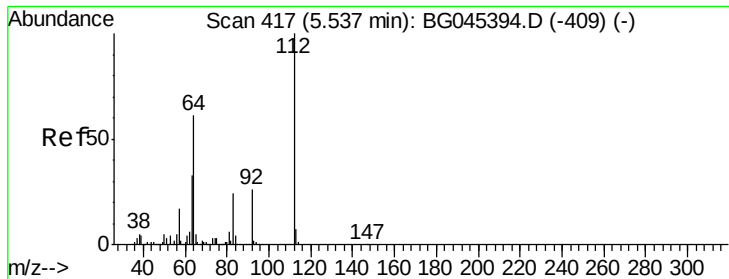
74 161.6 141.3 211.9

44 5.9 4.2 6.4



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





#5

2-Fluorophenol

Concen: 132.814 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Instrument :

BNA_G

ClientSampleId :

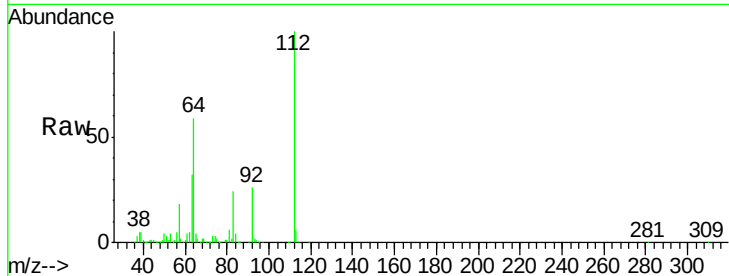
Tot Ion:112 Resp: 401638

Ion Ratio Lower Upper

112 100

64 58.9 48.6 72.8

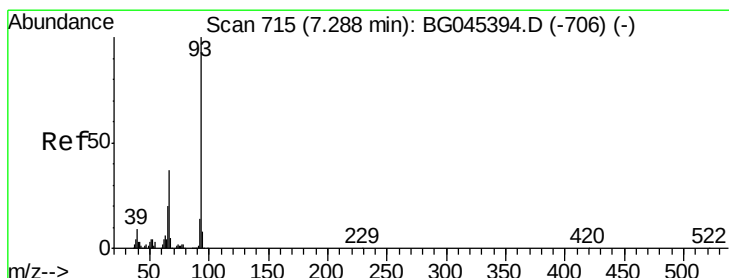
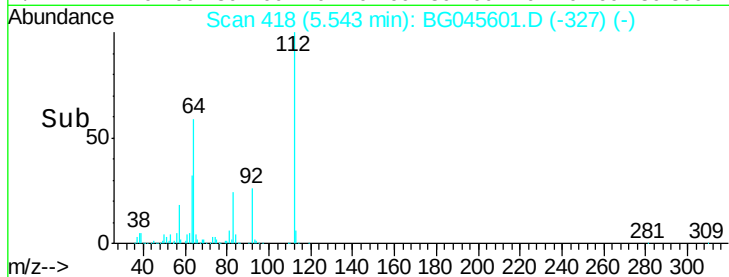
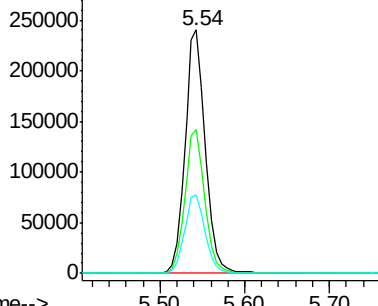
63 32.2 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.033 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

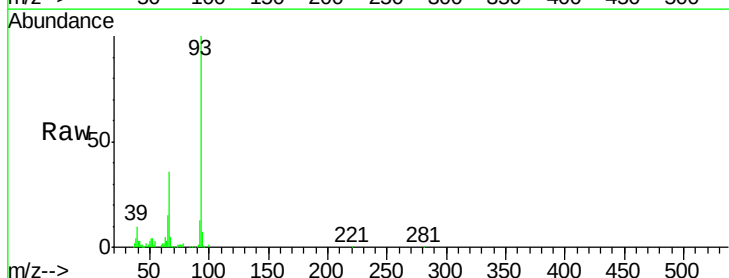
Tgt Ion: 93 Resp: 129412

Ion Ratio Lower Upper

93 100

66 35.9 29.6 44.4

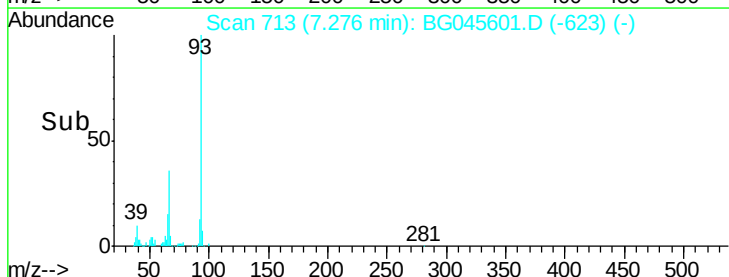
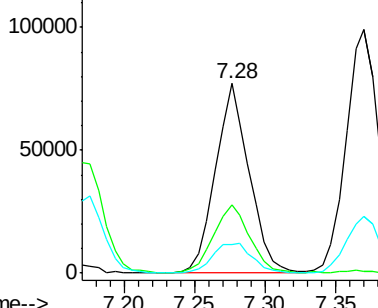
65 15.3 15.9 23.9#

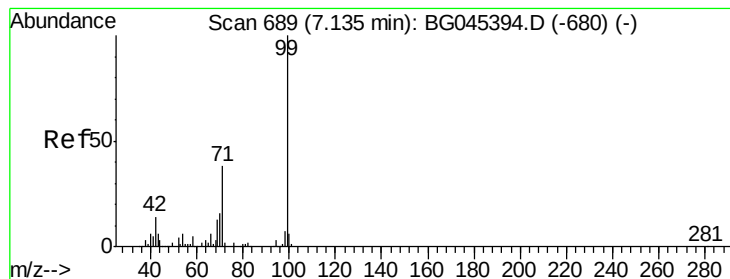


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 116.131 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Instrument :

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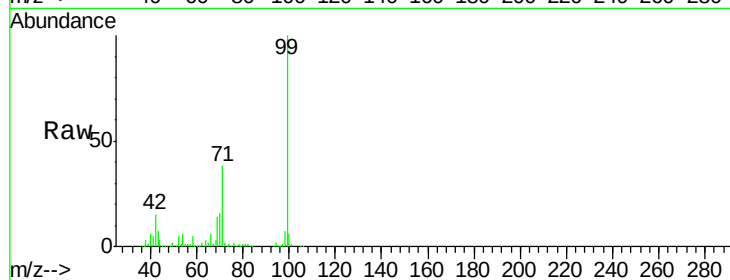
Tot Ion: 99 Resp: 499842

Ion Ratio Lower Upper

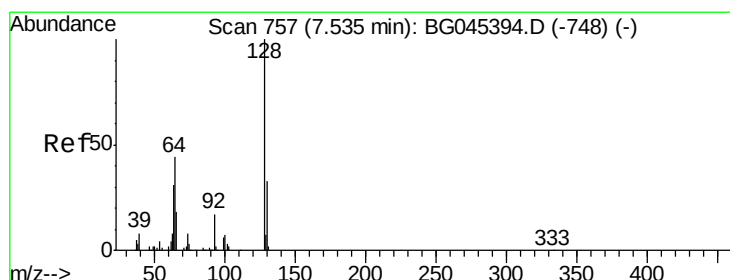
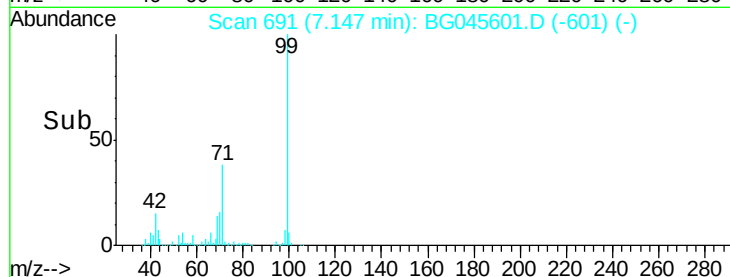
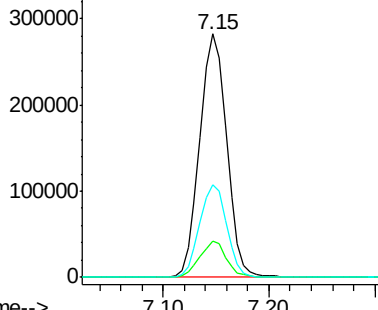
99 100

42 14.6 11.3 16.9

71 38.0 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: 50.250 ng

RT: 7.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

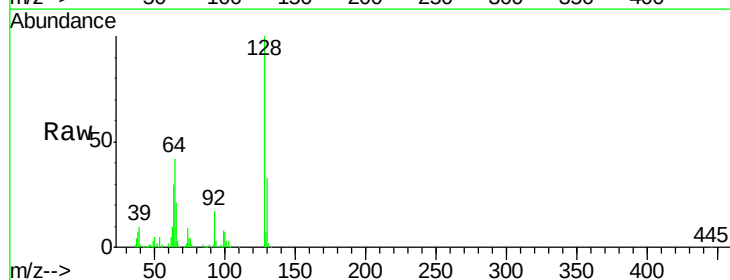
Tgt Ion: 128 Resp: 166643

Ion Ratio Lower Upper

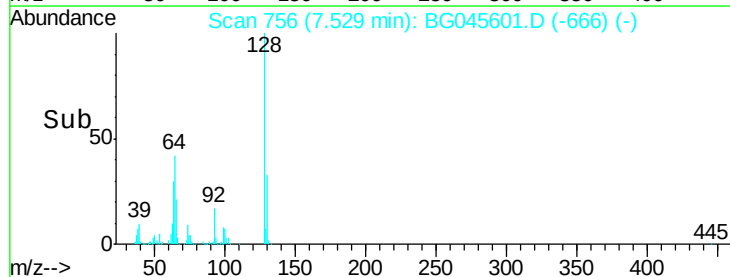
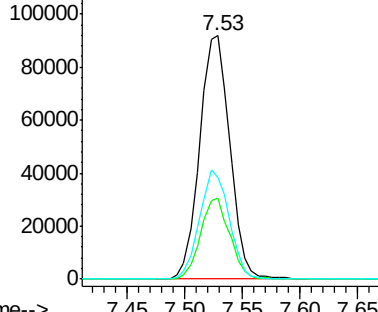
128 100

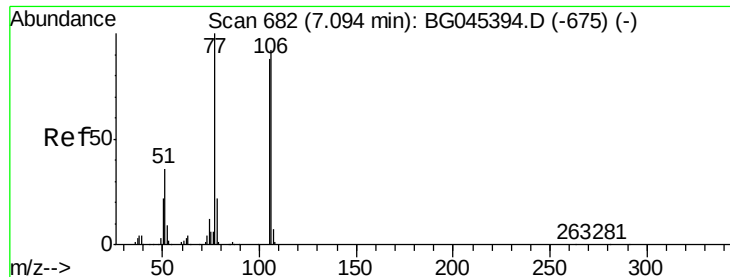
130 33.3 12.6 52.6

64 41.9 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: 39.950 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

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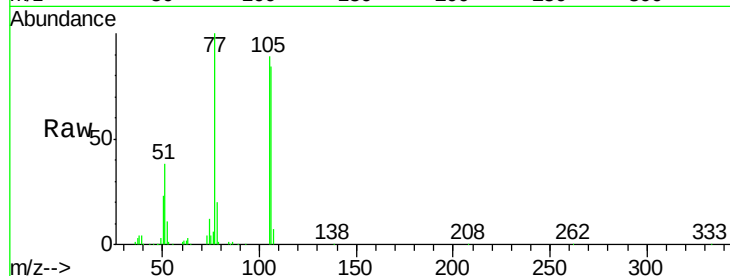
Tot Ion: 77 Resp: 112030

Ion Ratio Lower Upper

77 100

105 89.0 68.5 108.5

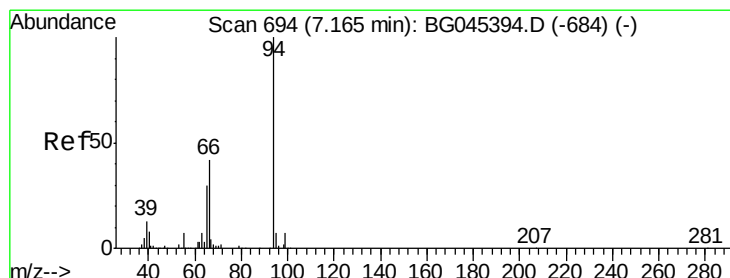
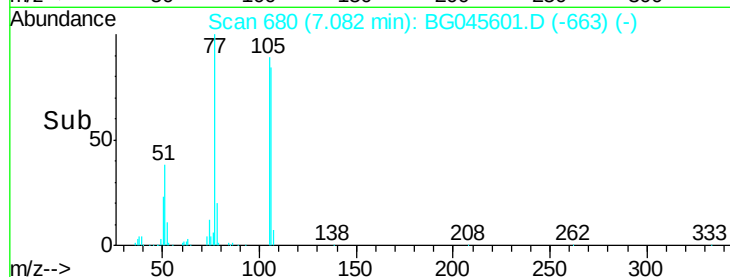
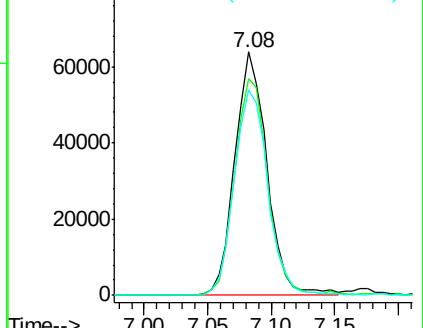
106 84.5 71.6 111.6



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: 40.688 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

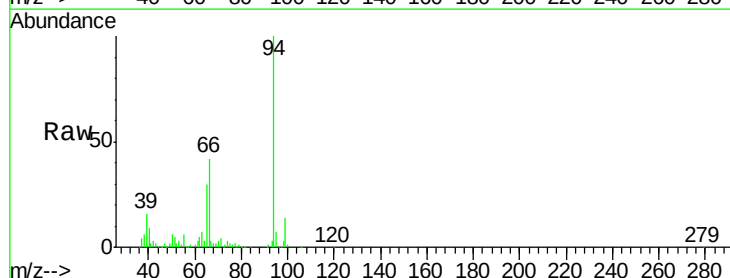
Tgt Ion: 94 Resp: 180491

Ion Ratio Lower Upper

94 100

65 29.8 9.8 49.8

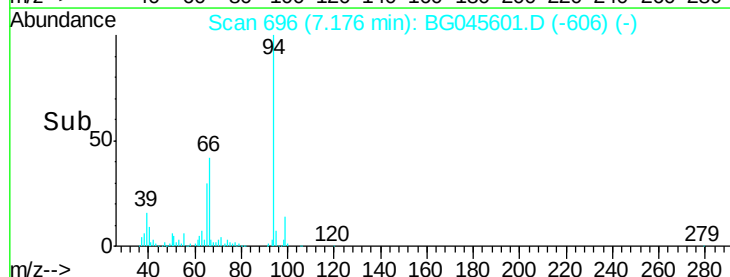
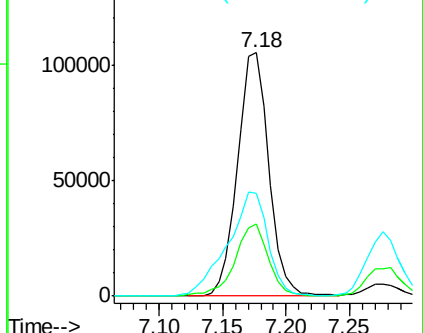
66 42.3 22.0 62.0

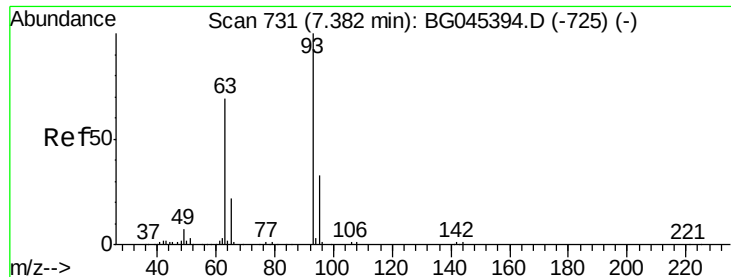


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

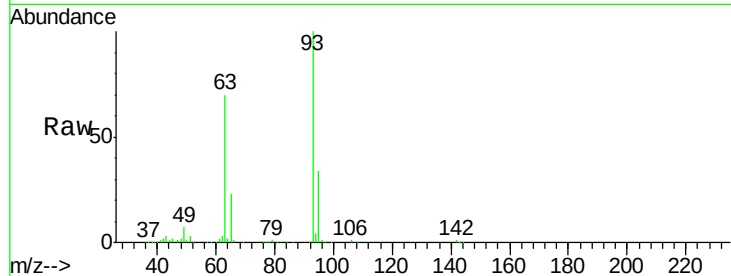




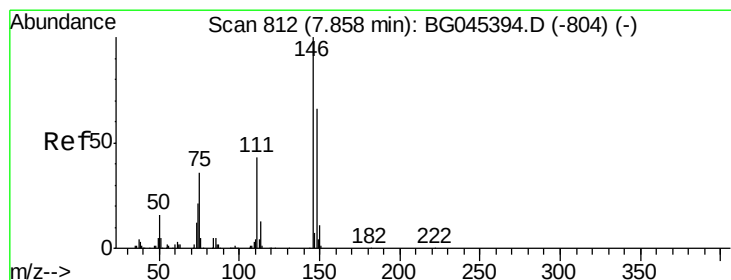
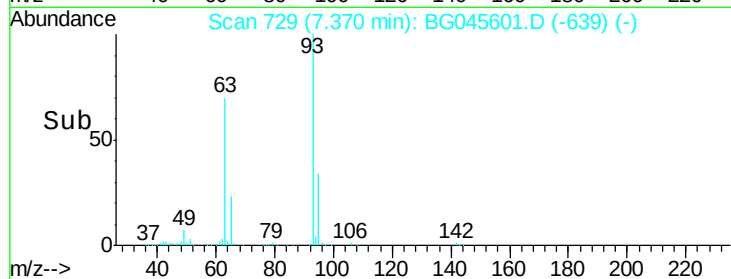
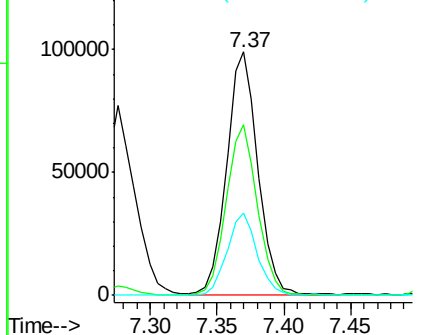
#11
bis(2-Chloroethyl)ether
Concen: 46.221 ng
RT: 7.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	93	Resp	159928
Ion Ratio	Lower	Upper	
93	100		
63	70.1	48.4	88.4
95	33.8	12.4	52.4

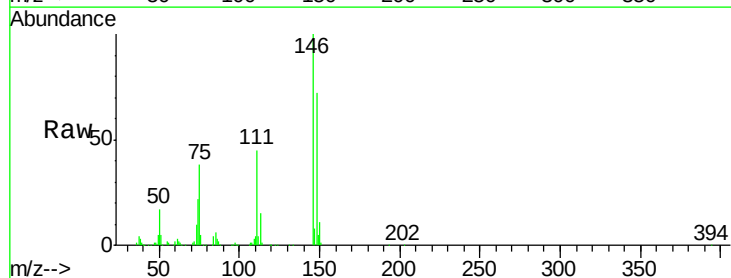


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

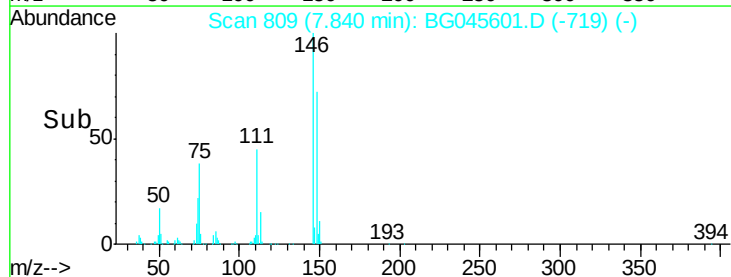
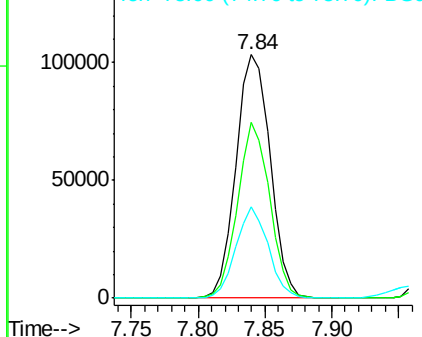


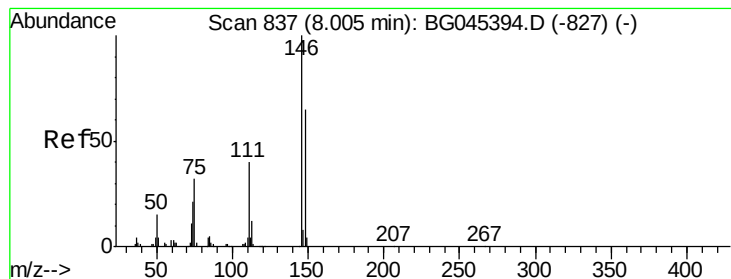
#12
1,3-Dichlorobenzene
Concen: 46.020 ng
RT: 7.84 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion	146	Resp	183399
Ion Ratio	Lower	Upper	
146	100		
148	72.1	53.2	79.8
75	37.6	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: 47.840 ng

RT: 7.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Instrument :

BNA_G

ClientSampleId :

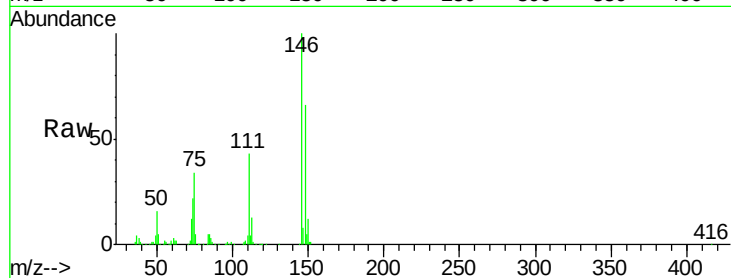
Tot Ion:146 Resp: 188149

Ion Ratio Lower Upper

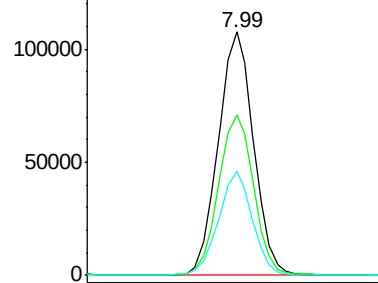
146 100

148 65.9 51.8 77.8

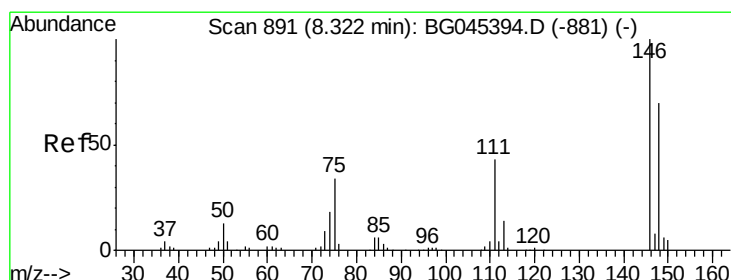
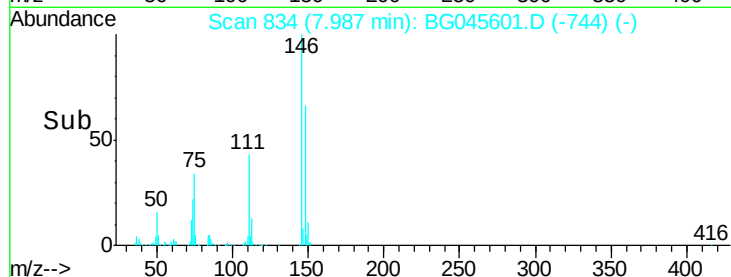
111 42.5 32.1 48.1



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



Time-->



#14

1,2-Dichlorobenzene

Concen: 45.490 ng

RT: 8.30 min Scan# 888

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

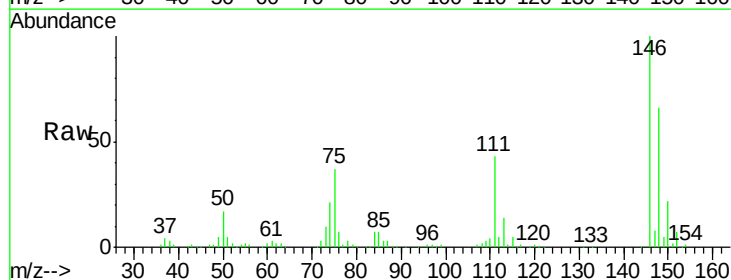
Tgt Ion:146 Resp: 172073

Ion Ratio Lower Upper

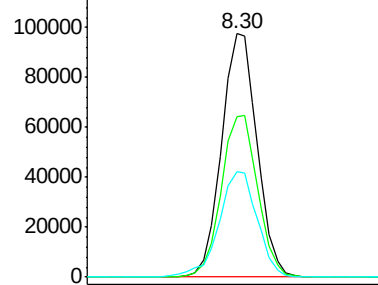
146 100

148 65.8 55.9 83.9

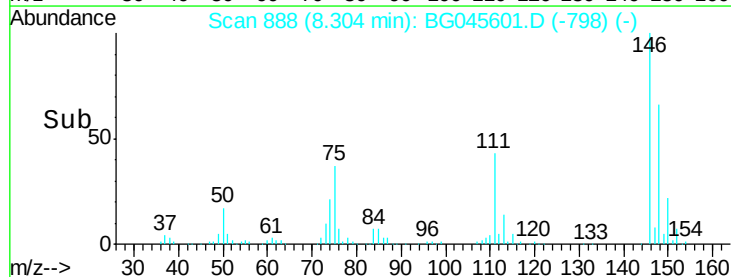
111 43.2 35.0 52.4

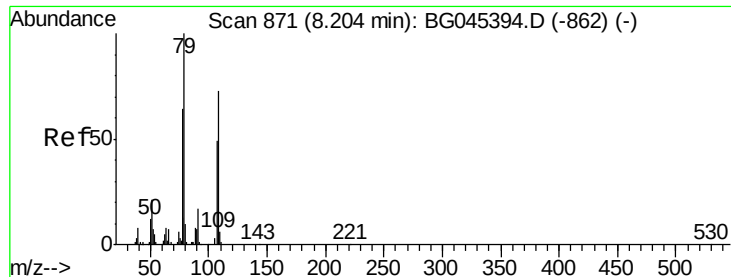


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



Time-->





#15

Benzyl Alcohol

Concen: 48.329 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Instrument :

BNA_G

ClientSampleId :

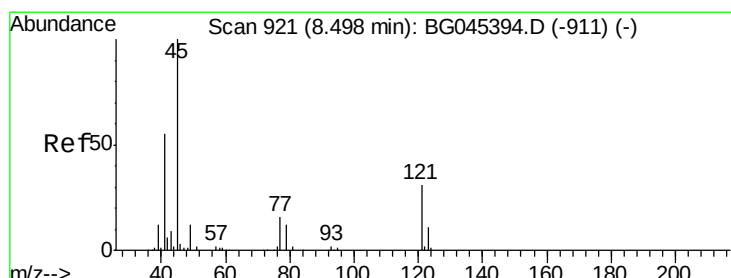
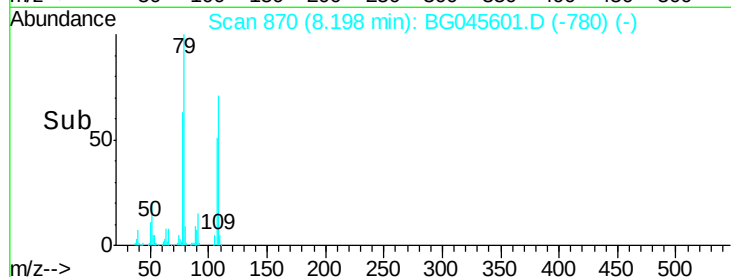
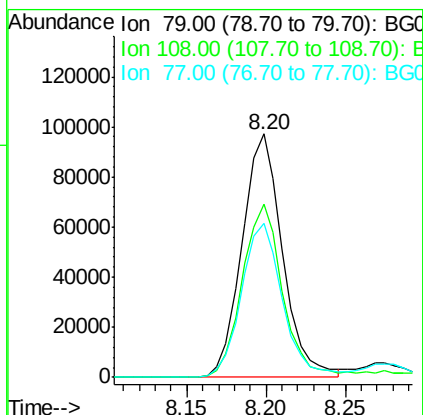
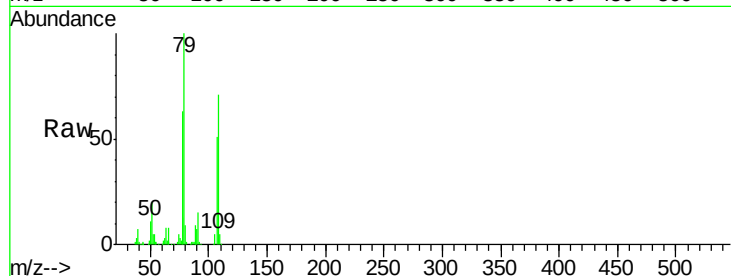
Tot Ion: 79 Resp: 171839

Ion Ratio Lower Upper

79 100

108 71.1 58.2 87.4

77 63.2 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.540 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

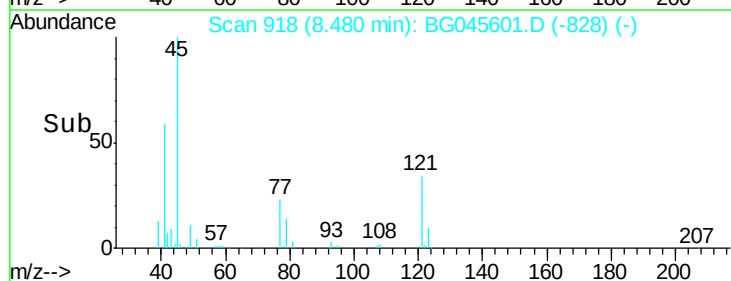
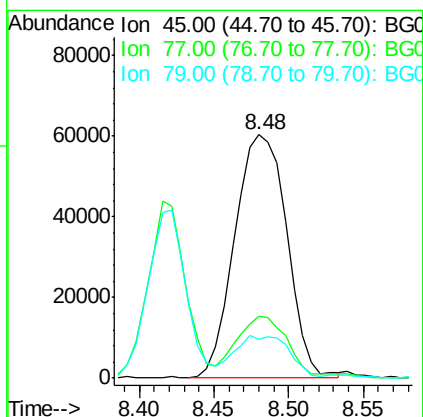
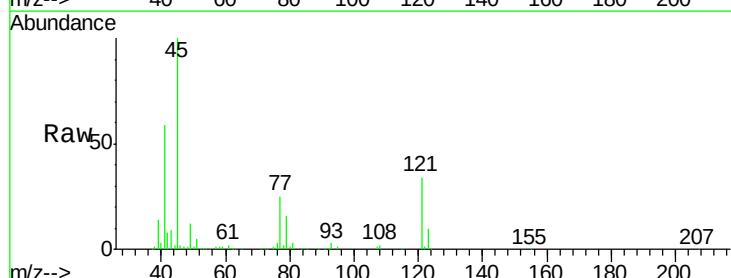
Tgt Ion: 45 Resp: 146287

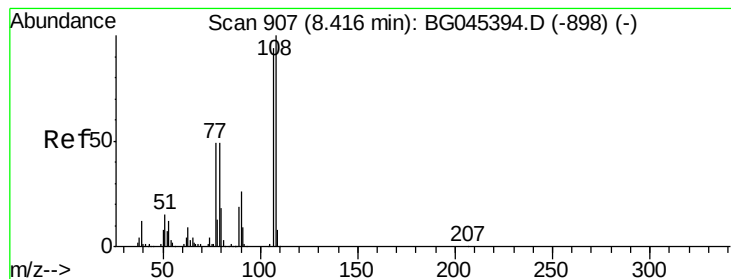
Ion Ratio Lower Upper

45 100

77 25.3 4.0 44.0

79 16.2 0.0 38.6

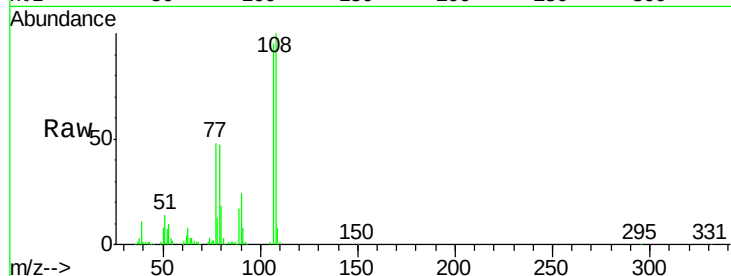




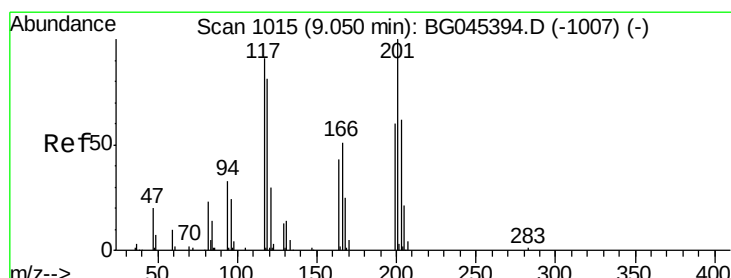
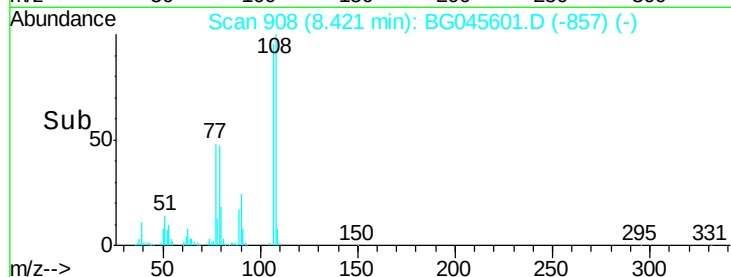
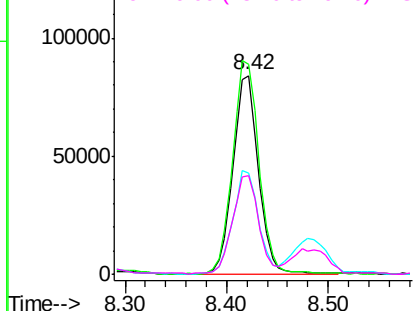
#17
2-Methylphenol
Concen: 44.376 ng
RT: 8.42 min Scan# 908
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	105.6	85.2	127.8
77	50.7	41.6	62.4
79	49.5	41.8	62.8

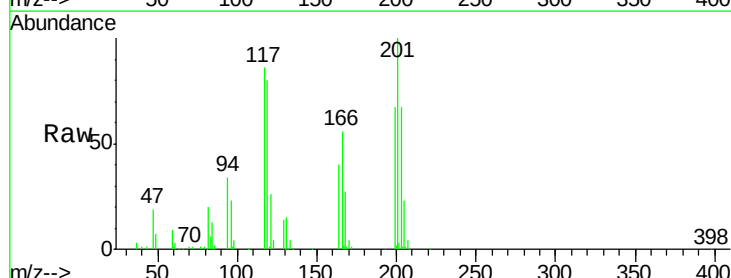


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

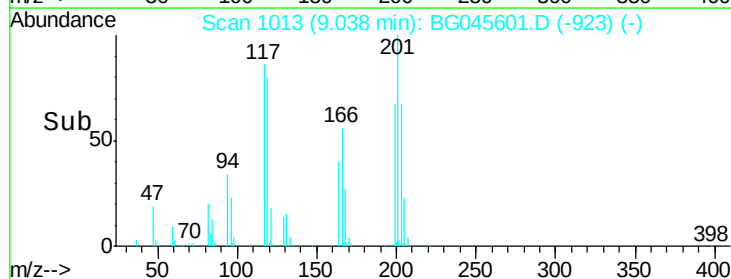
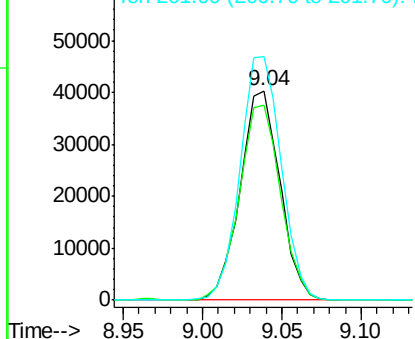


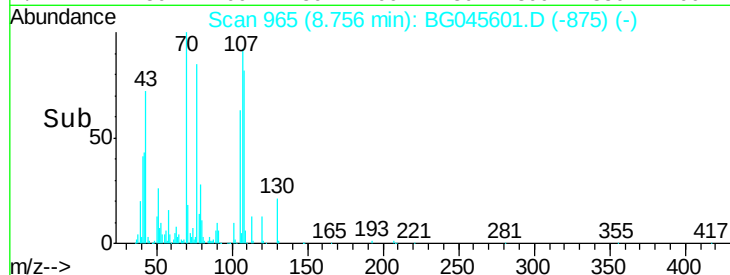
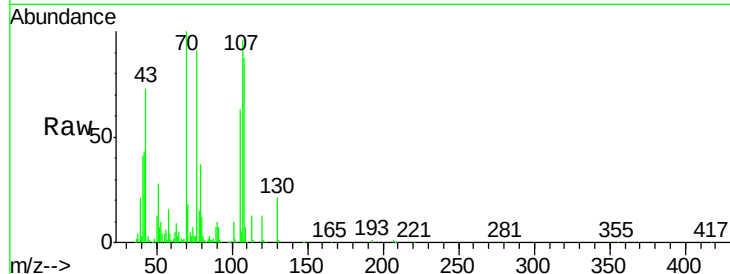
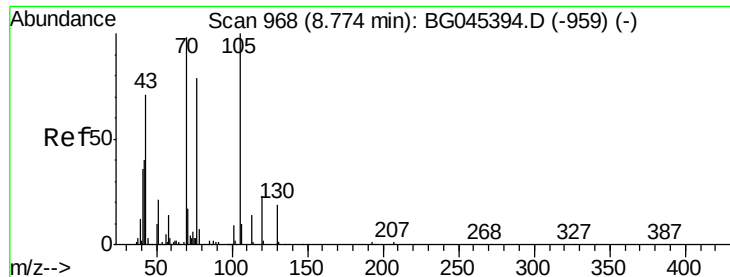
#18
Hexachloroethane
Concen: 46.600 ng
RT: 9.04 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	71.3	106.9
201	116.3	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

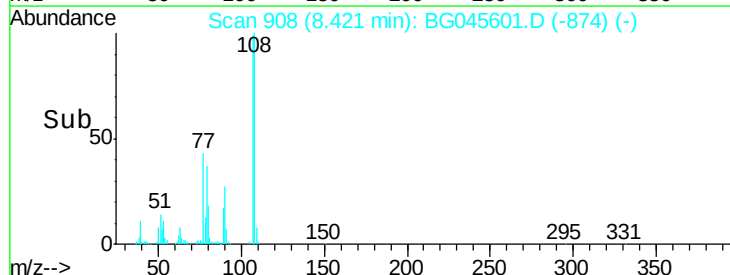
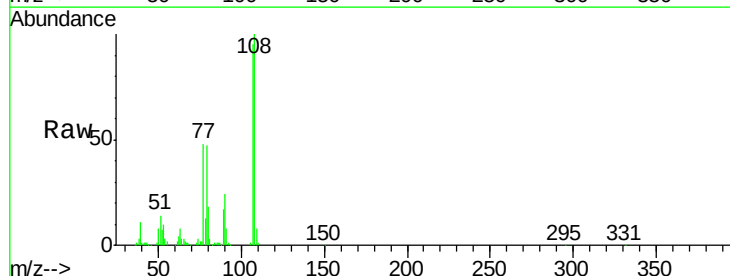
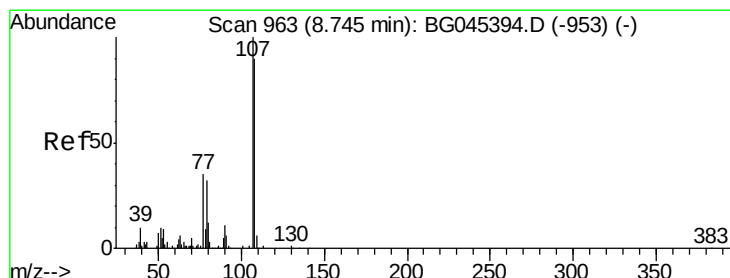
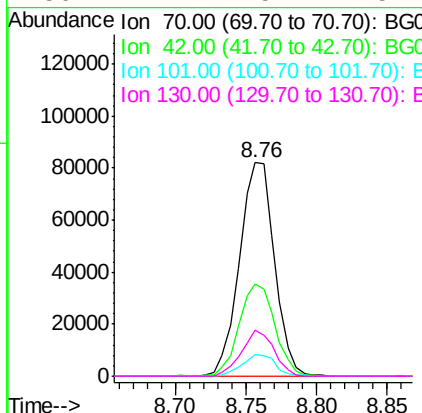




#19
n-Nitroso-di-n-propylamine
Concen: 47.928 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

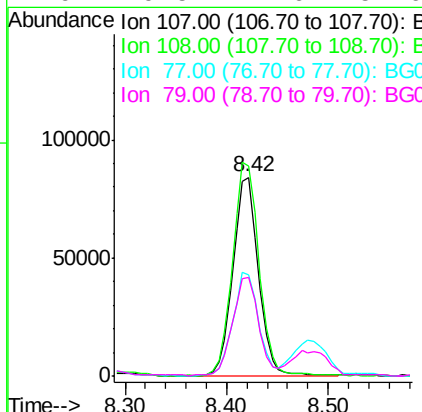
Instrument :
BNA_G
ClientSampleId :

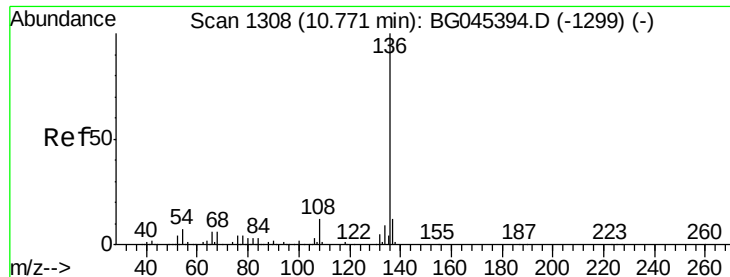
Tot Ion:	70	Resp:	142651
Ion	Ratio	Lower	Upper
70	100		
42	43.0	33.2	49.8
101	10.1	7.8	11.6
130	21.4	15.4	23.2



#20
3+4-Methylphenols
Concen: 32.588 ng
RT: 8.42 min Scan# 908
Delta R.T. -0.33 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion:	107	Resp:	147342
Ion	Ratio	Lower	Upper
107	100		
108	105.6	70.3	110.3
77	50.7	15.4	55.4
79	49.5	12.6	52.6

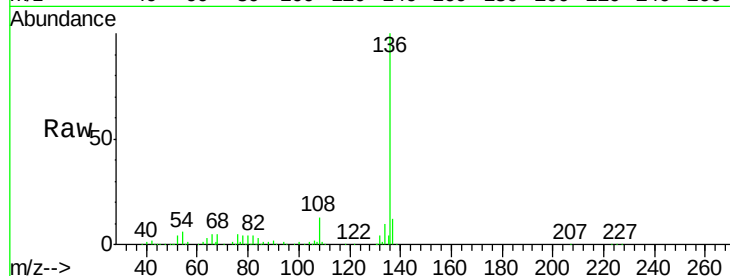




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	232541	
Ion Ratio	Lower	Upper	
136 100			
137 11.9	9.4	14.2	
54 5.8	5.8	8.6	
68 5.3	4.5	6.7	



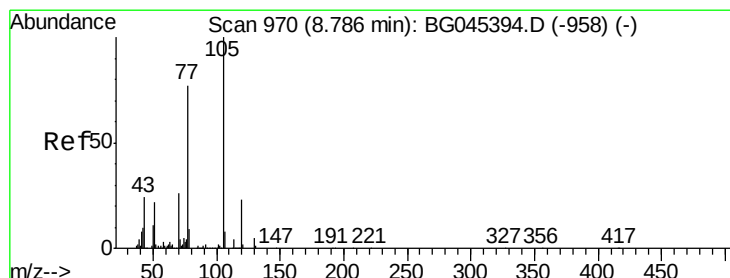
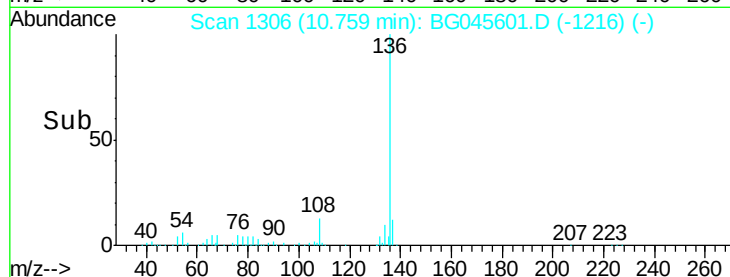
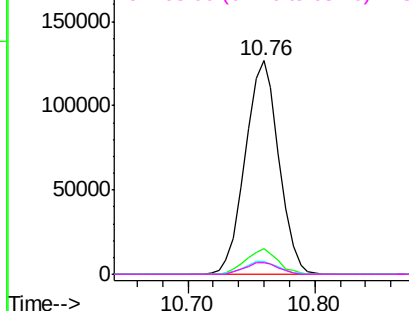
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

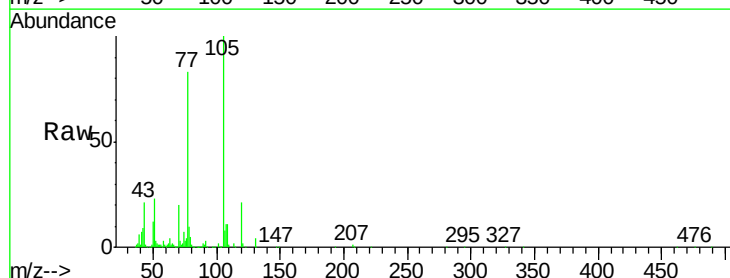
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 47.745 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion:105	Resp:	263146	
Ion Ratio	Lower	Upper	
105 100			
71 3.5	3.4	5.0	
51 22.8	18.2	27.2	
120 21.1	18.6	27.8	



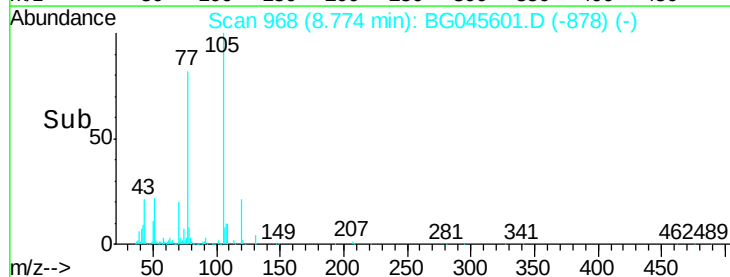
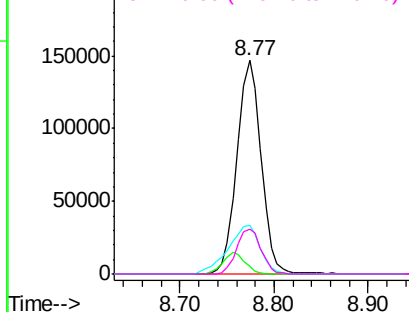
Abundance

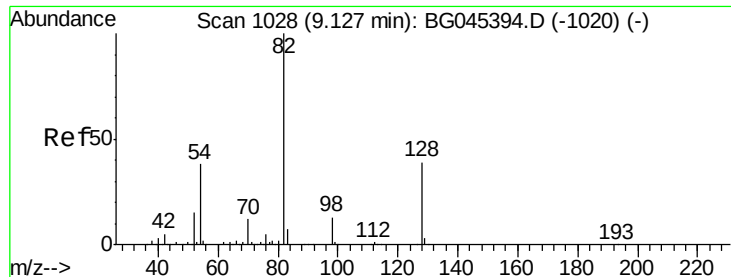
Ion 105.00 (104.70 to 105.70): E

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

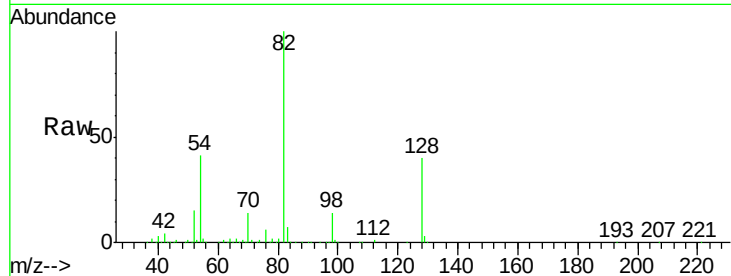




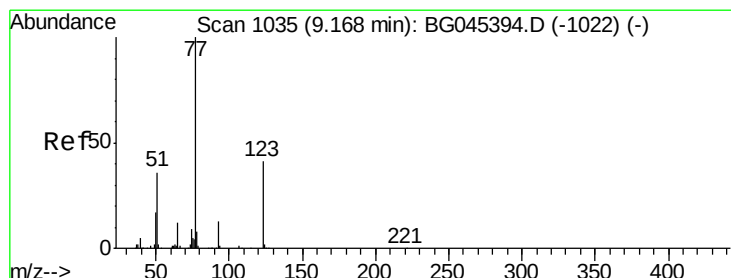
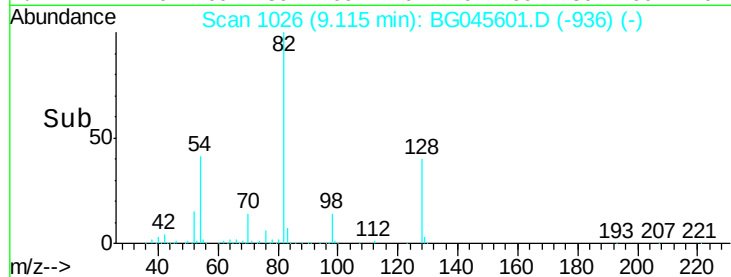
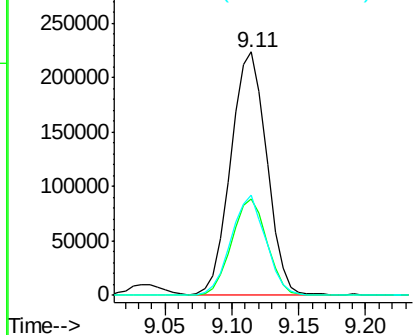
#23
 Nitrobenzene-d5
 Concen: 98.124 ng
 RT: 9.11 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG045601.D
 Acq: 4 Jun 2020 7:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	418433
Ion Ratio	100	Lower	Upper
128	39.9	30.9	46.3
54	41.4	30.3	45.5

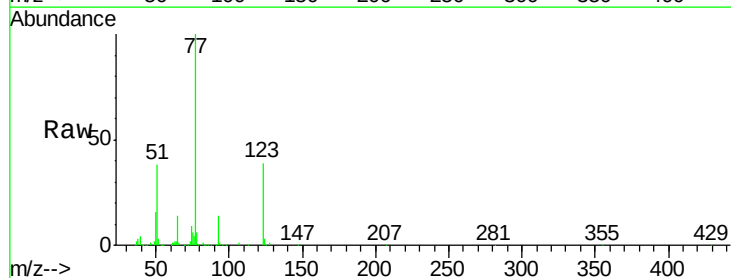


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

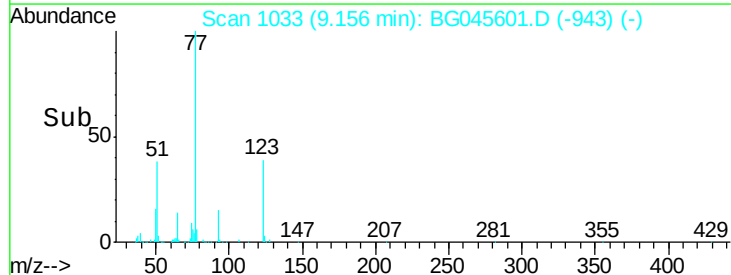
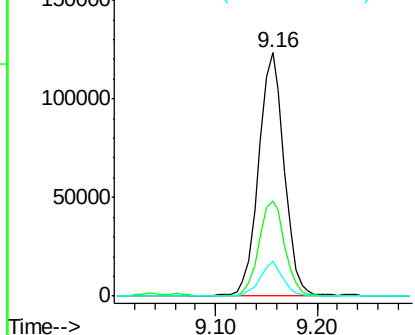


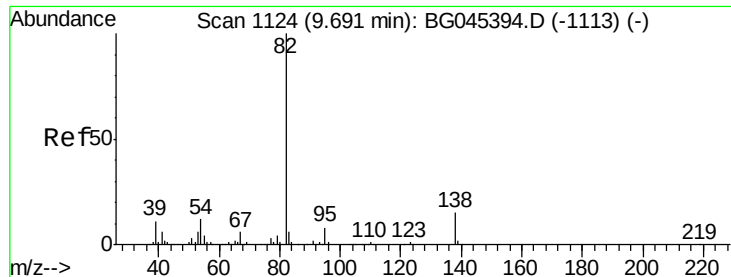
#24
 Nitrobenzene
 Concen: 47.025 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BG045601.D
 Acq: 4 Jun 2020 7:05

Tgt Ion	77	Resp	214849
Ion Ratio	100	Lower	Upper
123	38.8	32.9	49.3
65	14.3	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: 47.855 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Instrument :

BNA_G

ClientSampled :

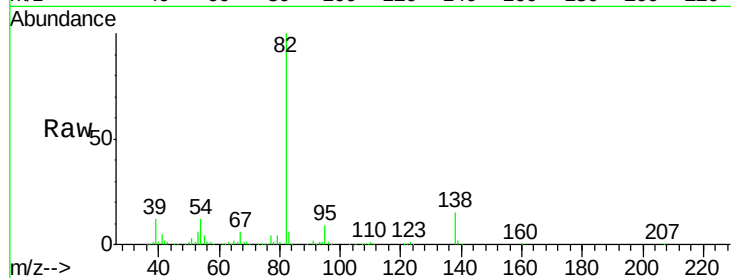
Tot Ion: 82 Resp: 401891

Ion Ratio Lower Upper

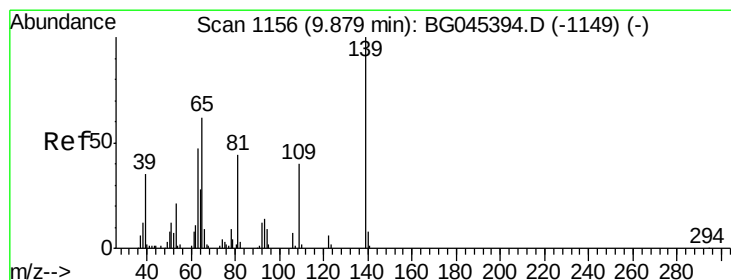
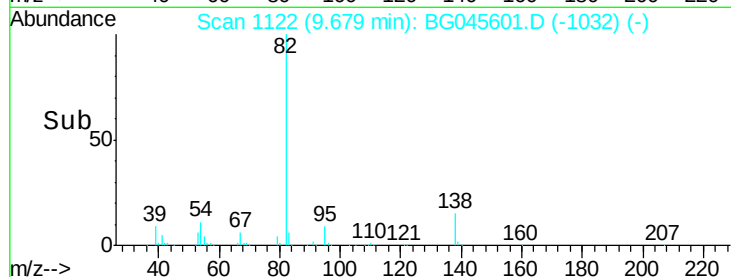
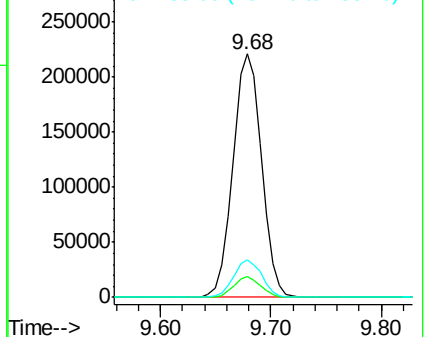
82 100

95 8.5 6.7 10.1

138 15.2 12.2 18.4



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



#26

2-Nitrophenol

Concen: 50.292 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

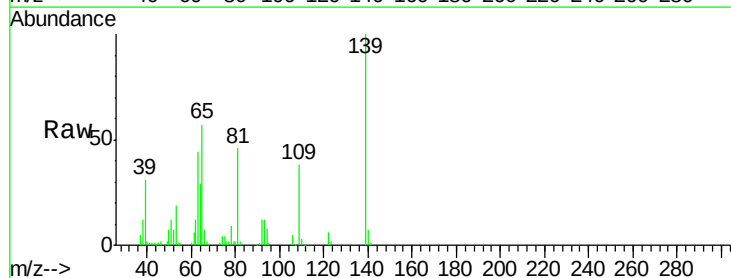
Tgt Ion: 139 Resp: 98294

Ion Ratio Lower Upper

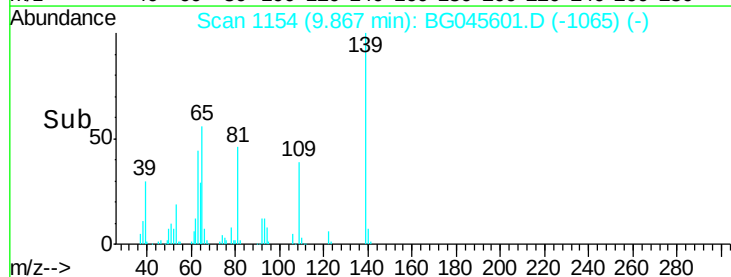
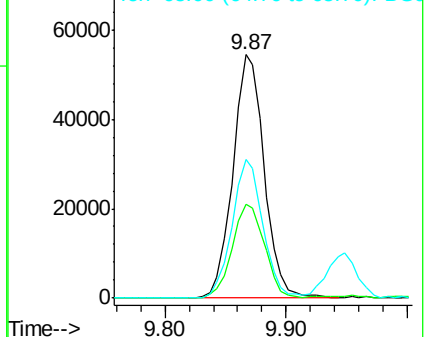
139 100

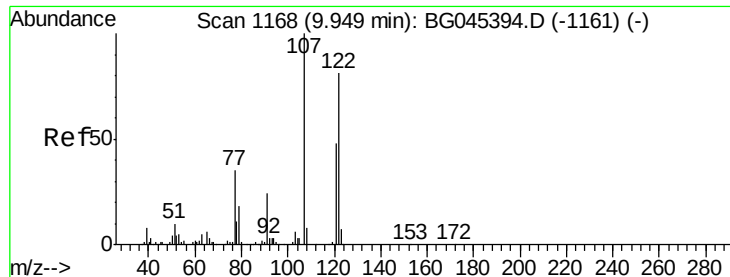
109 38.4 32.2 48.4

65 56.7 49.6 74.4



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

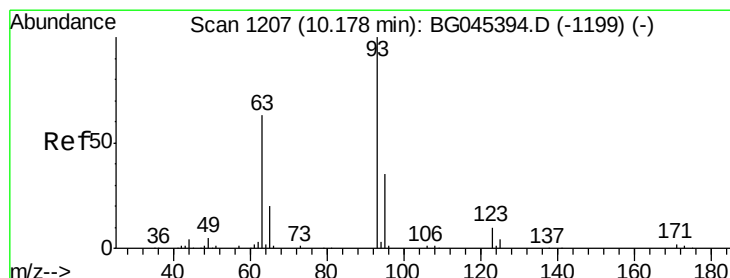
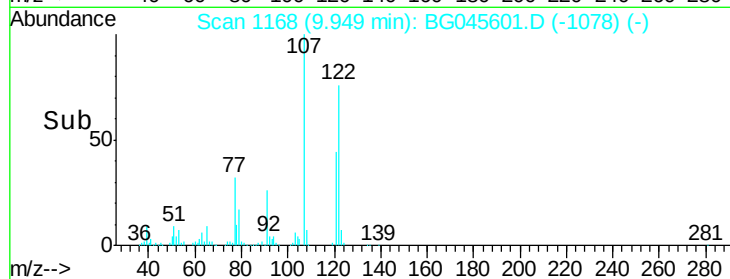
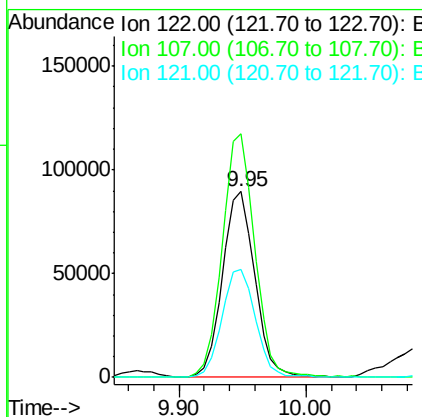
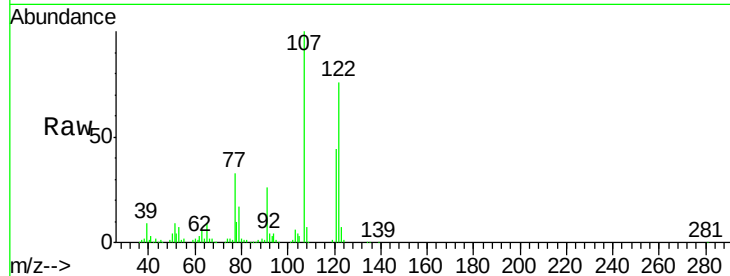




#27
 2,4-Dimethylphenol
 Concen: 54.104 ng
 RT: 9.95 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BG045601.D
 Acq: 4 Jun 2020 7:05

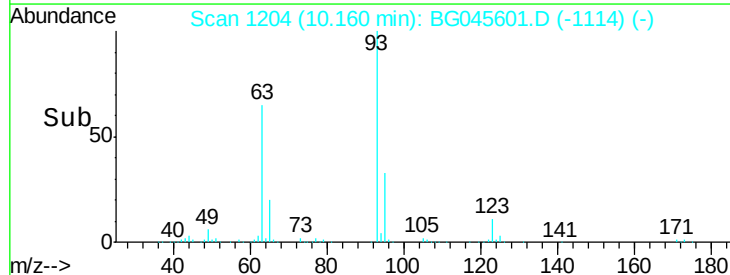
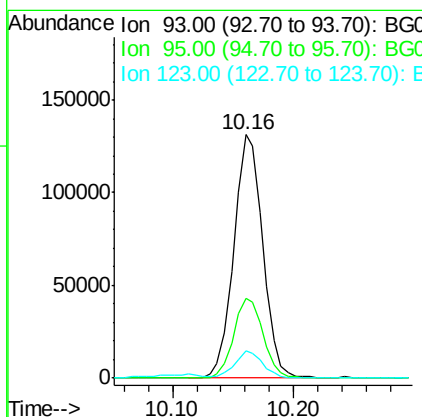
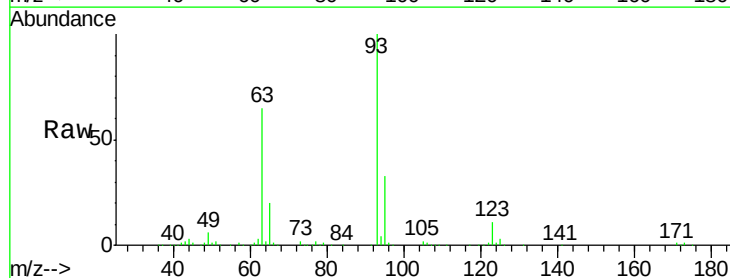
Instrument :
 BNA_G
 ClientSampled :

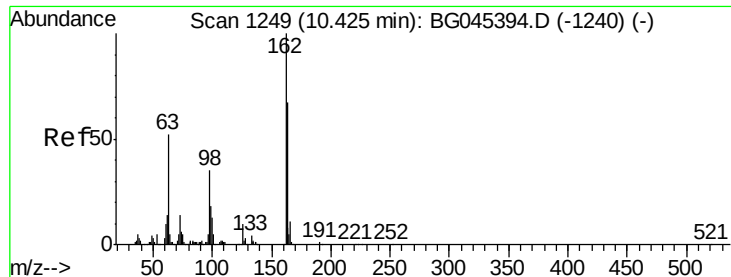
Tot Ion:122 Resp: 156834
 Ion Ratio Lower Upper
 122 100
 107 131.3 99.0 148.4
 121 58.1 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.432 ng
 RT: 10.16 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BG045601.D
 Acq: 4 Jun 2020 7:05

Tgt Ion: 93 Resp: 217713
 Ion Ratio Lower Upper
 93 100
 95 32.9 27.6 41.4
 123 11.3 8.1 12.1

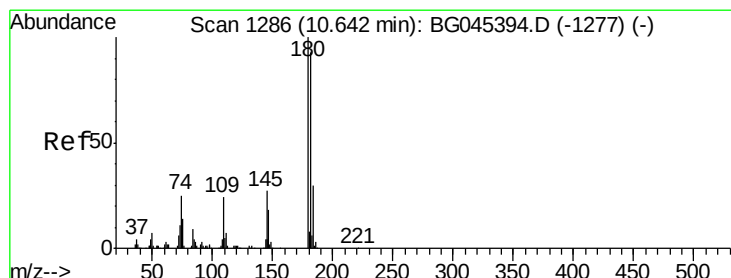
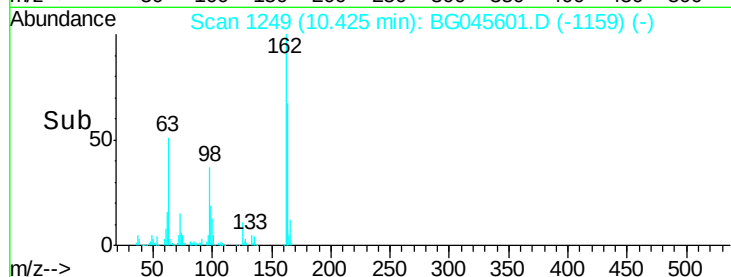
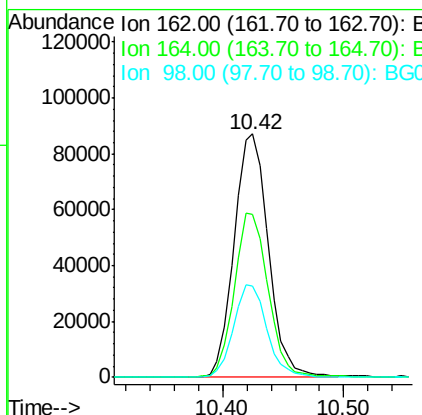
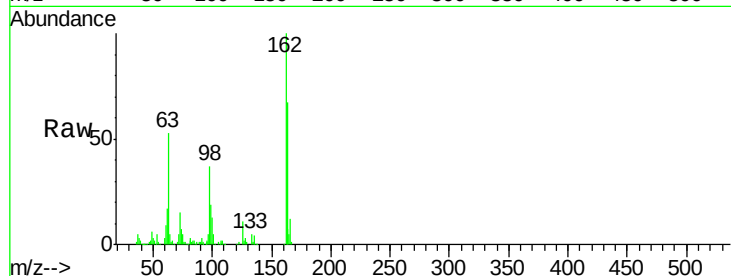




#29
 2,4-Dichlorophenol
 Concen: 50.401 ng
 RT: 10.42 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BG045601.D
 Acq: 4 Jun 2020 7:05

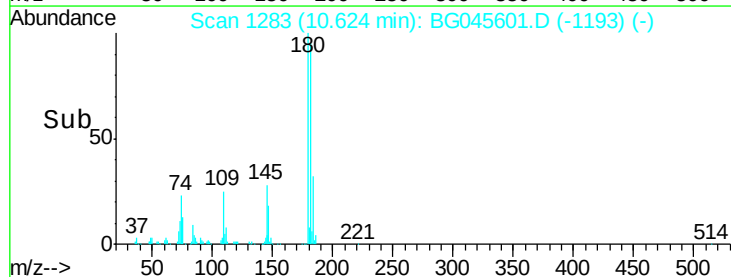
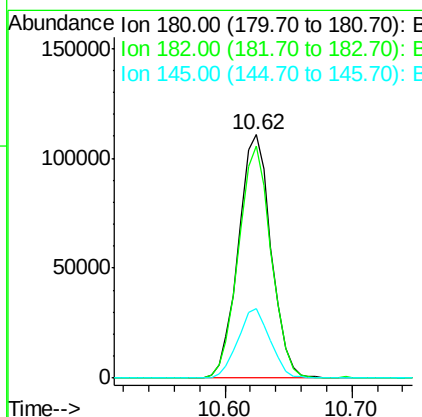
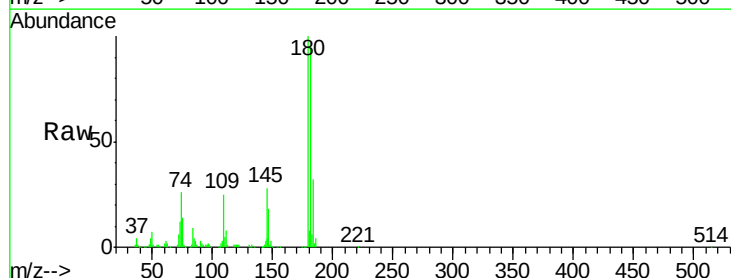
Instrument :
 BNA_G
 ClientSampleId :

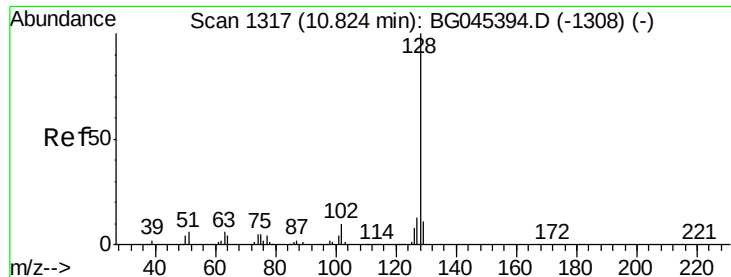
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.0	46.8	86.8
98	37.2	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 48.873 ng
 RT: 10.62 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BG045601.D
 Acq: 4 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	74.8	112.2
145	28.3	21.9	32.9

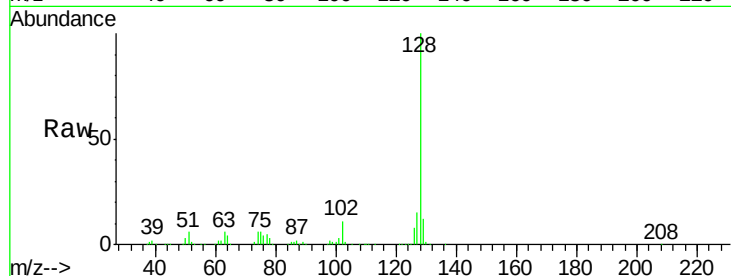




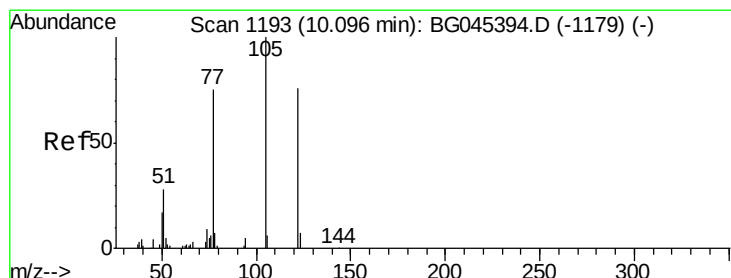
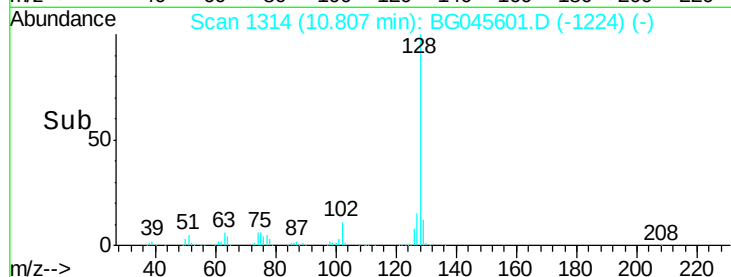
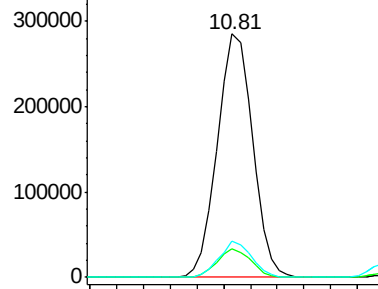
#31
Naphthalene
Concen: 48.150 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 521762
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.6
127 14.7 10.7 16.1

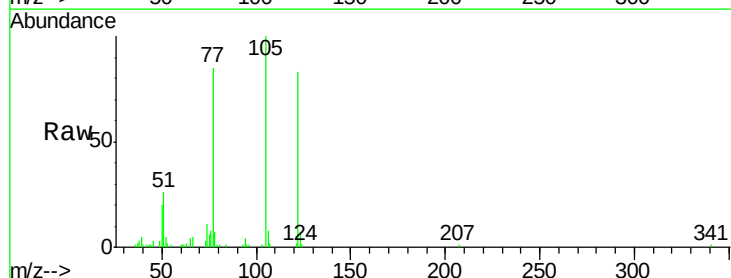


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

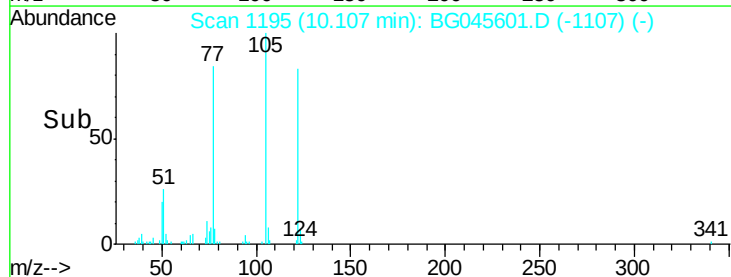
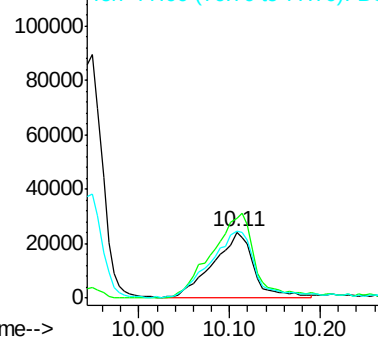


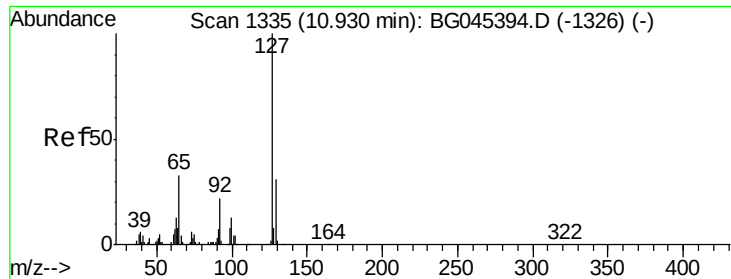
#32
Benzoic acid
Concen: 39.640 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion:122 Resp: 73802
Ion Ratio Lower Upper
122 100
105 120.4 107.9 147.9
77 102.1 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

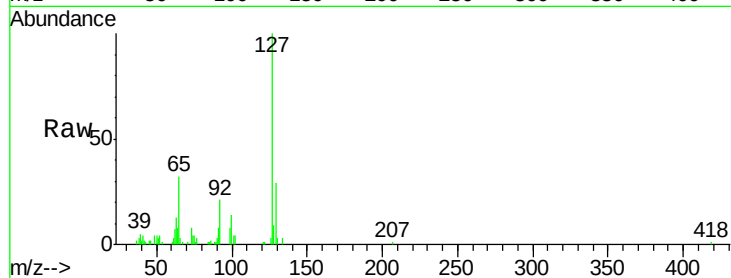




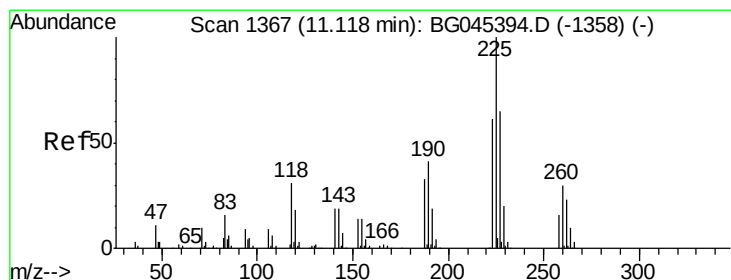
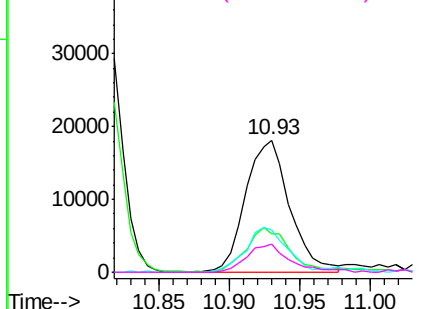
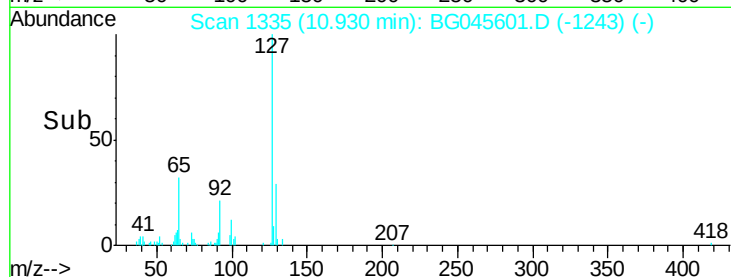
#33
4-Chloroaniline
Concen: 8.781 ng
RT: 10.93 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	28.9	24.7	37.1
65	31.6	26.2	39.2
92	21.5	17.9	26.9

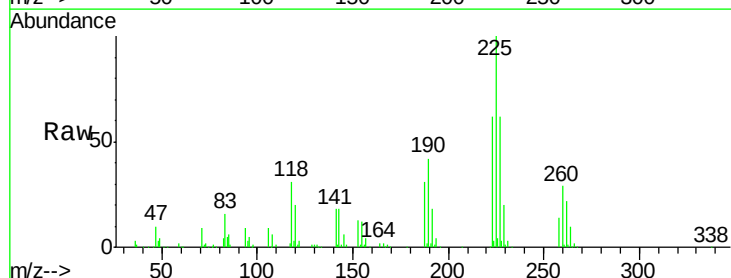


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

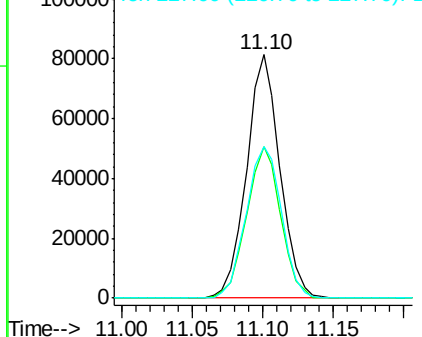
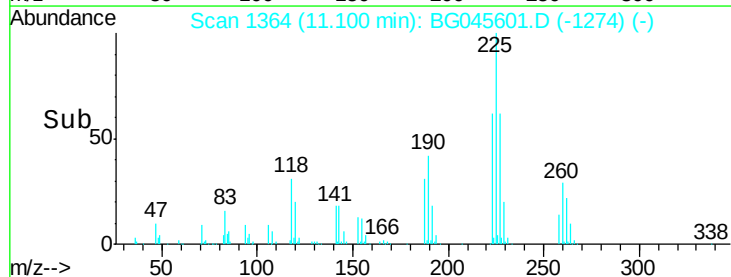


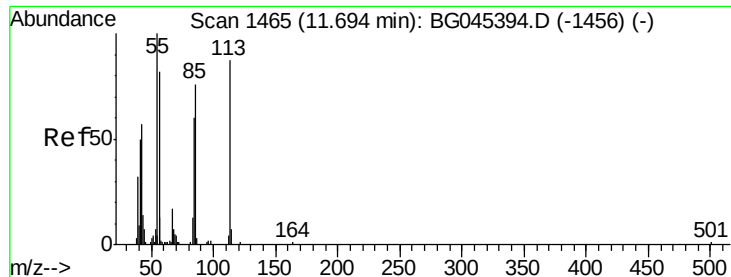
#34
Hexachlorobutadiene
Concen: 47.163 ng
RT: 11.10 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.1	73.7
227	62.4	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

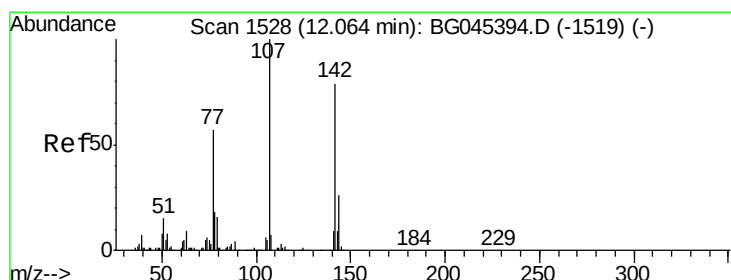
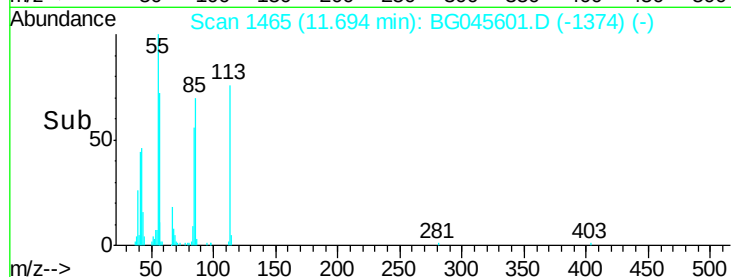
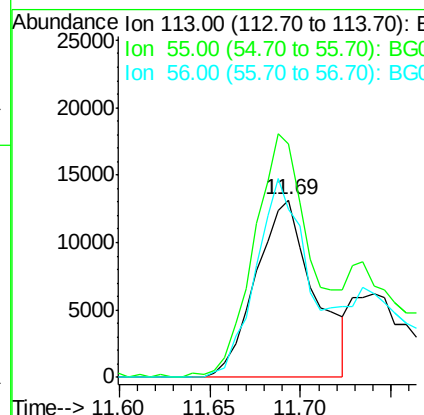
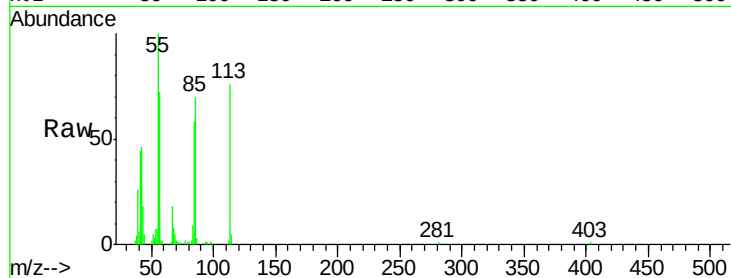




#35
 Caprolactam
 Concen: 23.336 ng
 RT: 11.69 min Scan# 1465
 Delta R.T. 0.01 min
 Lab File: BG045601.D
 Acq: 4 Jun 2020 7:05

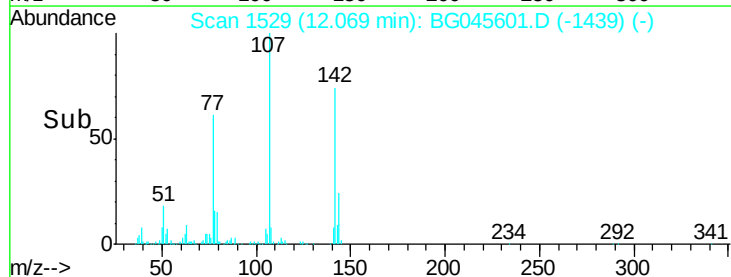
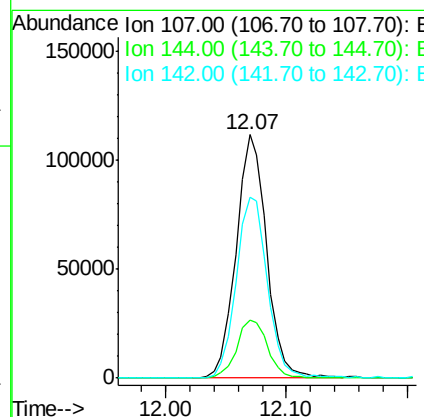
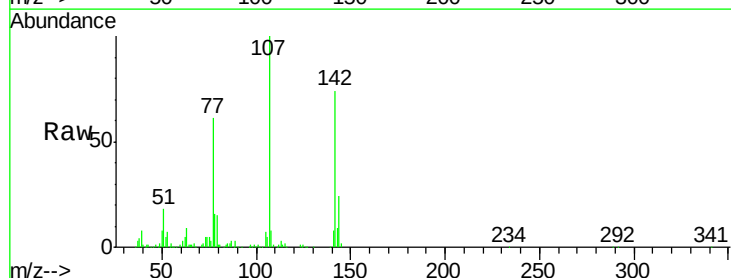
Instrument :
 BNA_G
 ClientSampled :

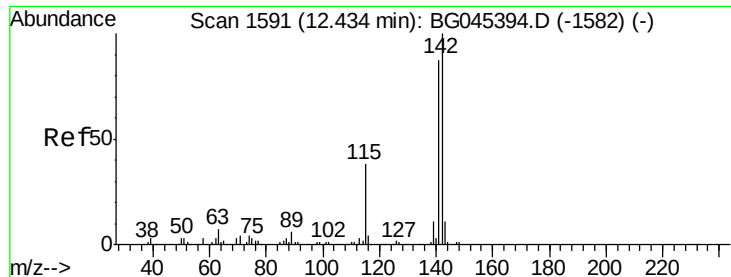
Tot Ion:113 Resp: 29321
 Ion Ratio Lower Upper
 113 100
 55 131.8 96.0 136.0
 56 94.9 75.1 115.1



#36
 4-Chloro-3-methylphenol
 Concen: 50.878 ng
 RT: 12.07 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BG045601.D
 Acq: 4 Jun 2020 7:05

Tgt Ion:107 Resp: 196248
 Ion Ratio Lower Upper
 107 100
 144 23.8 20.8 31.2
 142 74.1 62.8 94.2





#37

2-Methylnaphthalene

Concen: 48.601 ng

RT: 12.42 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Instrument :

BNA_G

ClientSampleId :

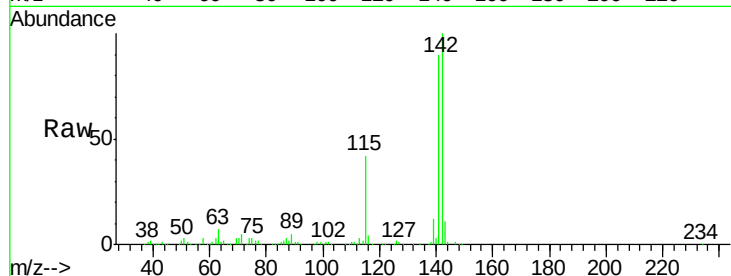
Tot Ion:142 Resp: 392531

Ion Ratio Lower Upper

142 100

141 89.9 70.0 105.0

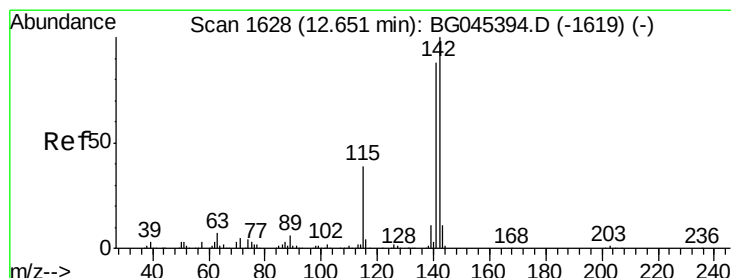
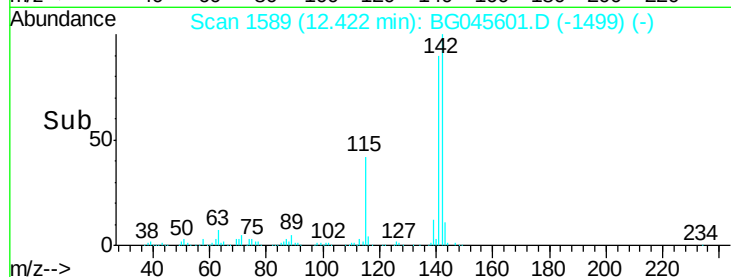
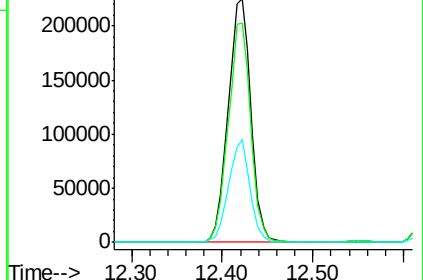
115 42.0 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 51.450 ng

RT: 12.42 min Scan# 1589

Delta R.T. -0.22 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

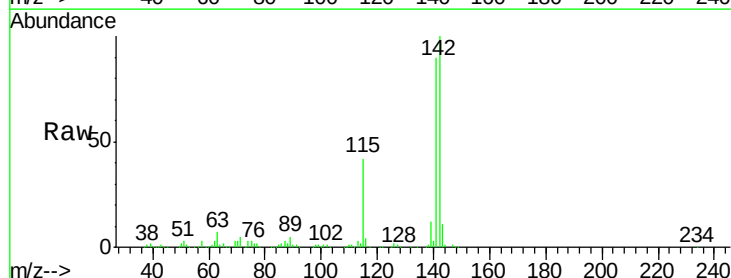
Tgt Ion:142 Resp: 392531

Ion Ratio Lower Upper

142 100

141 89.9 70.8 106.2

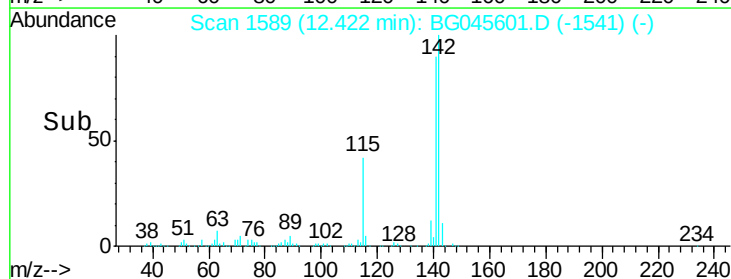
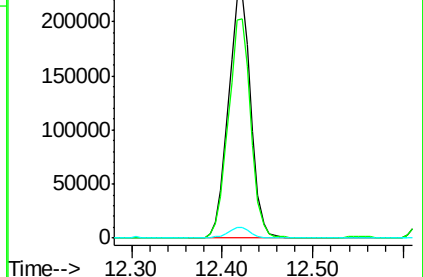
116 4.5 3.0 4.6

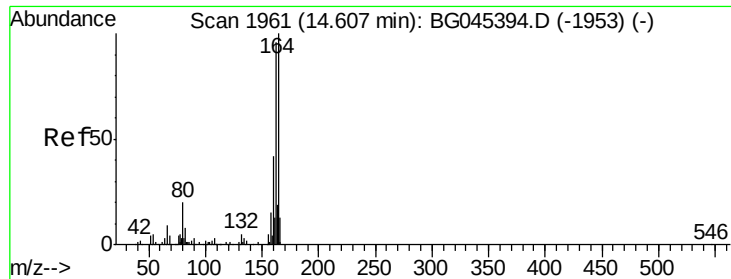


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Instrument :

BNA_G

ClientSampled :

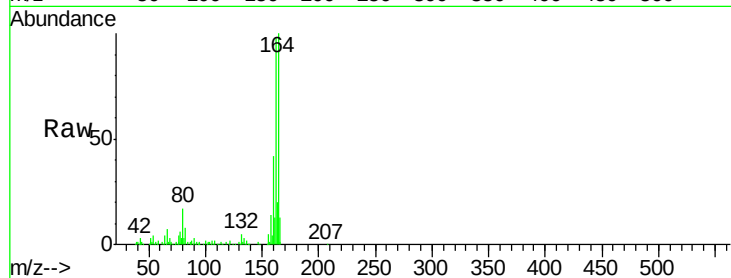
Tot Ion:164 Resp: 168242

Ion Ratio Lower Upper

164 100

162 97.5 76.9 115.3

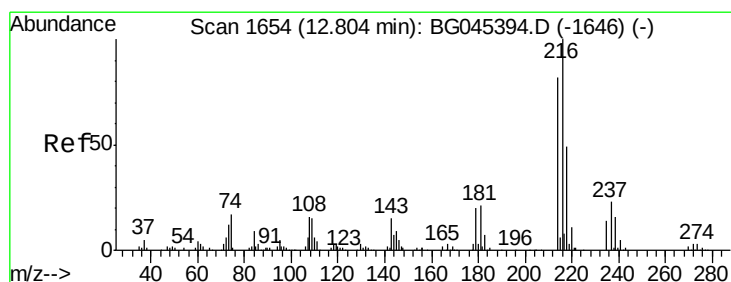
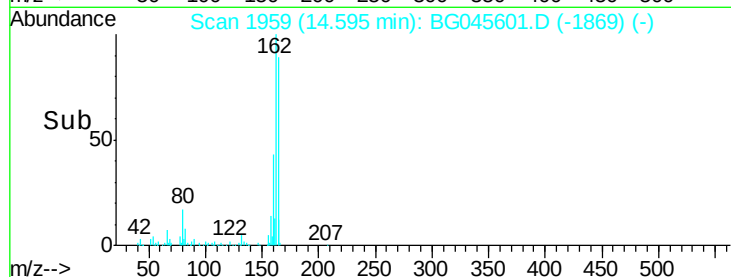
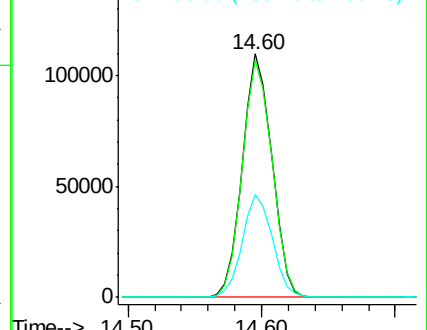
160 42.2 33.8 50.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.705 ng

RT: 12.79 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Tgt Ion:216 Resp: 228877

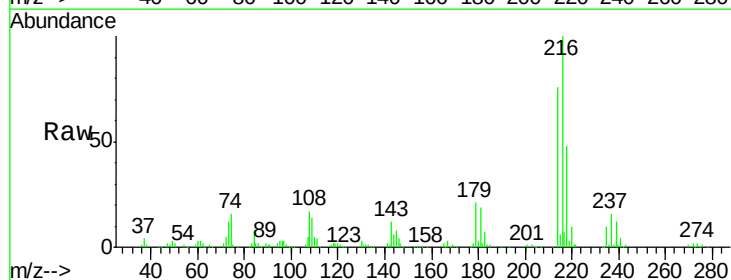
Ion Ratio Lower Upper

216 100

214 78.3 63.7 95.5

179 20.3 16.1 24.1

108 18.3 13.8 20.6

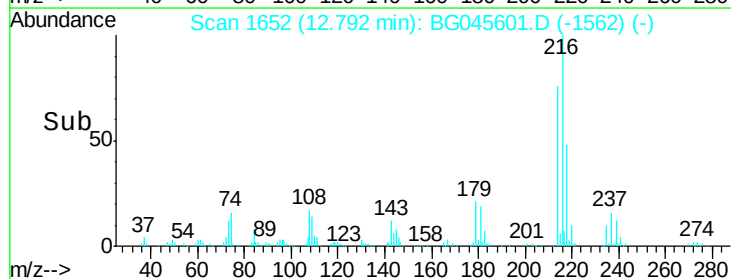
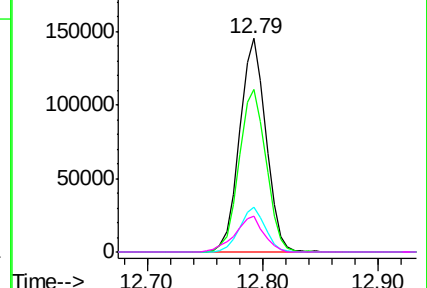


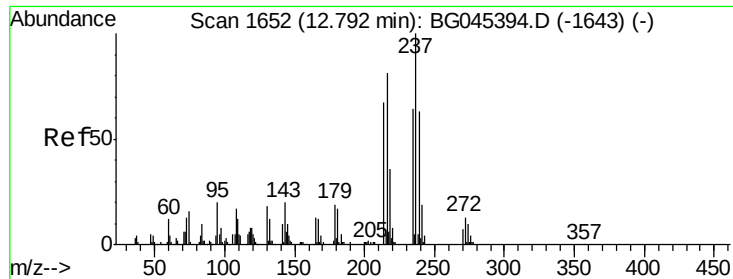
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 83.806 ng

RT: 12.77 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Instrument :

BNA_G

ClientSampleId :

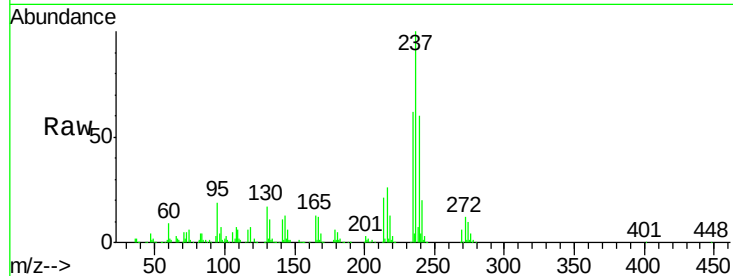
Tot Ion:237 Resp: 227309

Ion Ratio Lower Upper

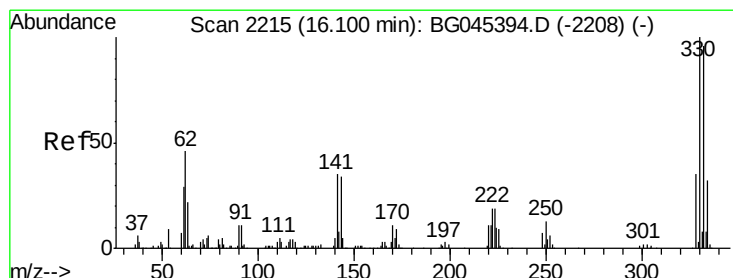
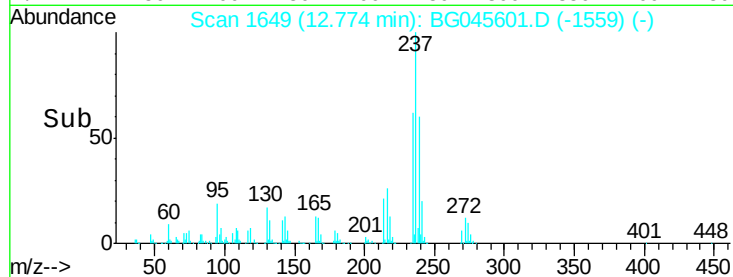
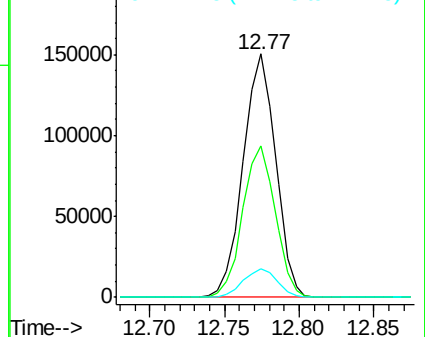
237 100

235 62.0 44.4 84.4

272 11.7 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: 151.503 ng

RT: 16.09 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

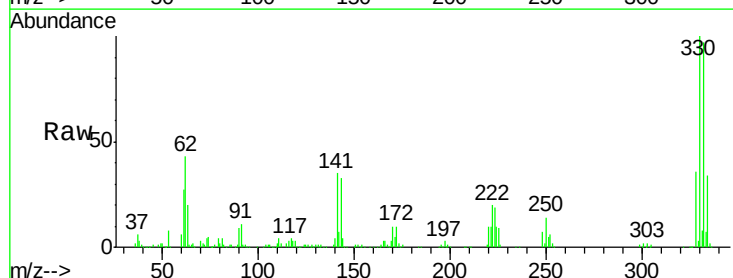
Tgt Ion:330 Resp: 325977

Ion Ratio Lower Upper

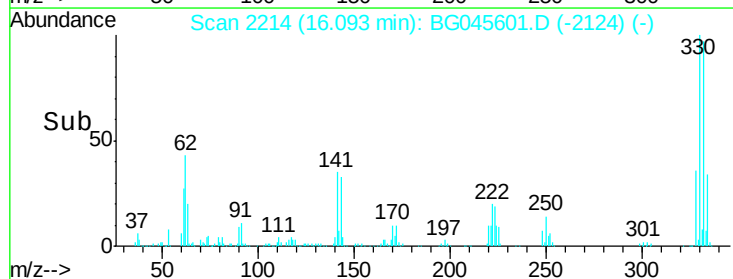
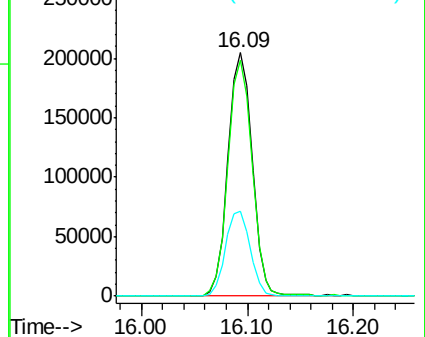
330 100

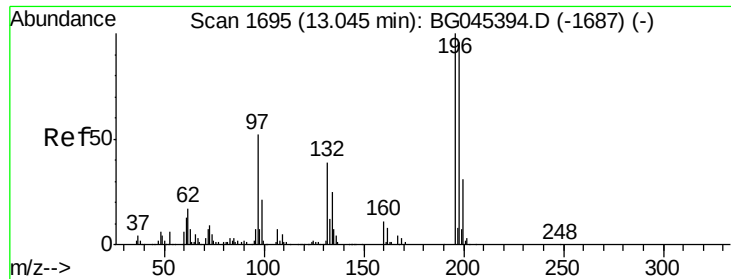
332 96.7 78.2 117.4

141 35.6 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

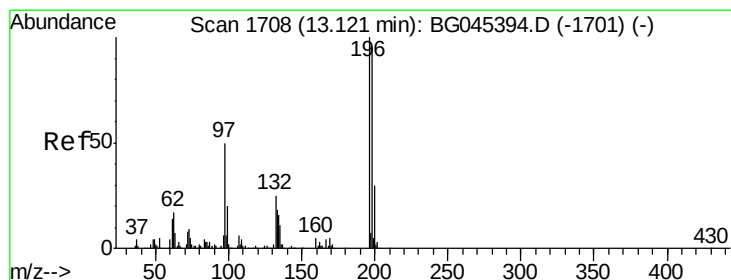
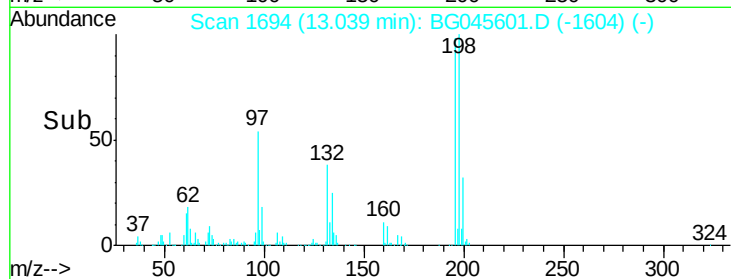
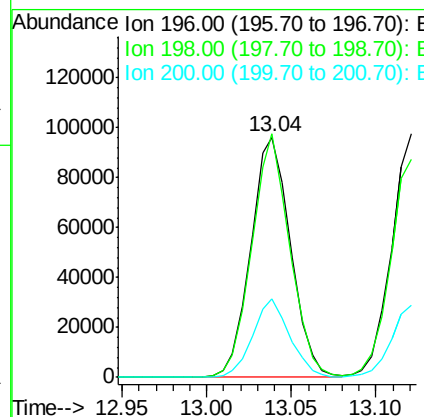
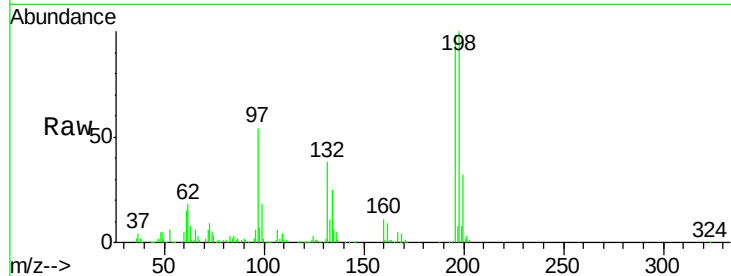




#43
 2,4,6-Trichlorophenol
 Concen: 48.061 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BG045601.D
 Acq: 4 Jun 2020 7:05

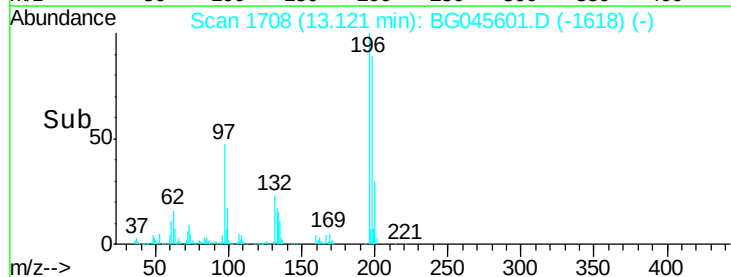
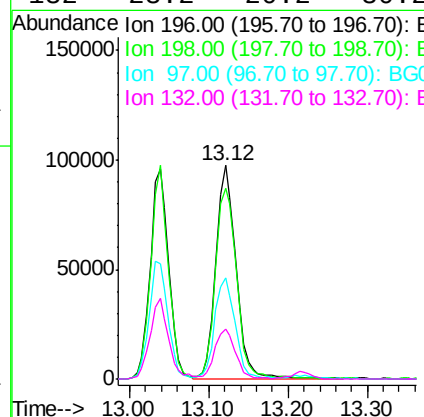
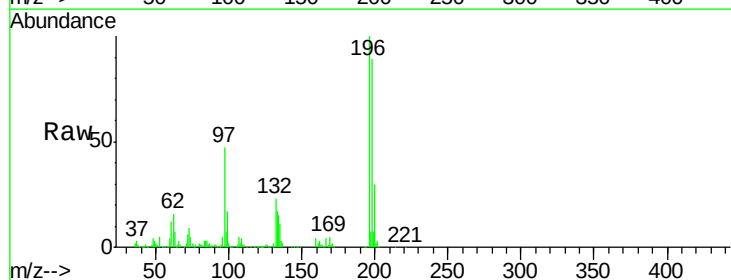
Instrument :
 BNA_G
 ClientSampleId :

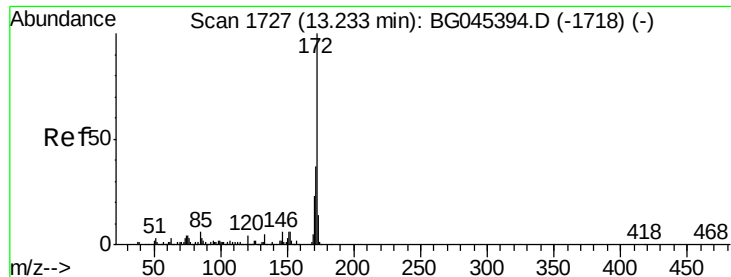
Tot Ion	196	Resp	156890
Ion Ratio	Lower	Upper	
196	100		
198	101.5	76.7	115.1
200	32.6	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 46.010 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045601.D
 Acq: 4 Jun 2020 7:05

Tgt Ion	196	Resp	171635
Ion Ratio	Lower	Upper	
196	100		
198	89.5	76.1	114.1
97	47.3	40.0	60.0
132	23.2	20.2	30.2

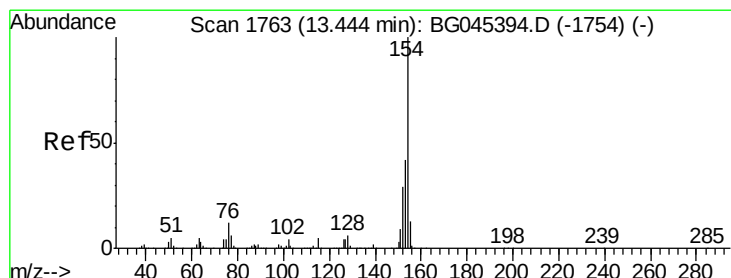
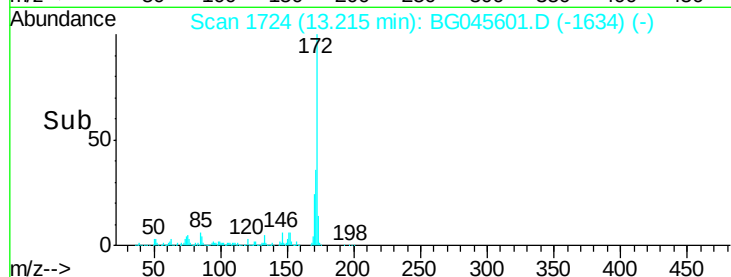
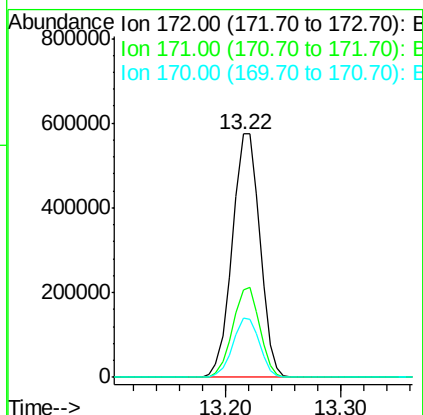
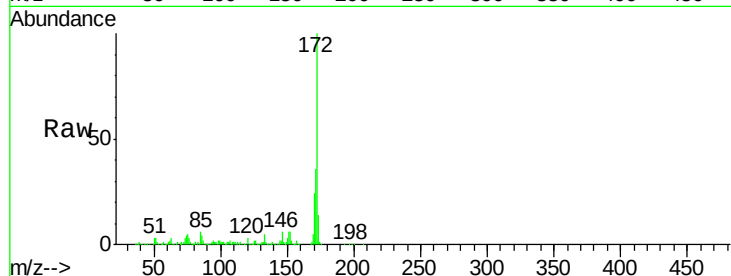




#45
2-Fluorobiphenyl
Concen: 96.340 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

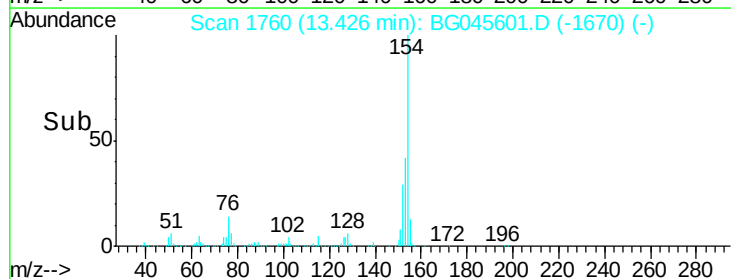
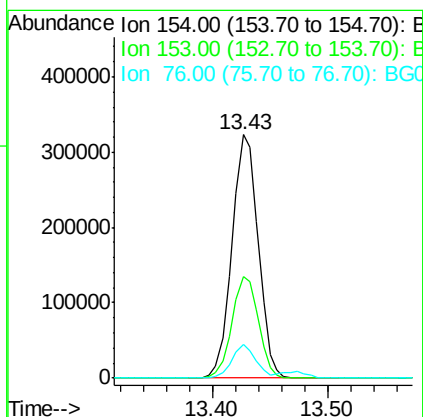
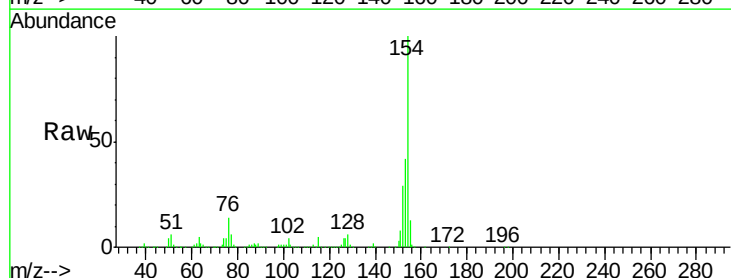
Instrument :
BNA_G
ClientSampleId :

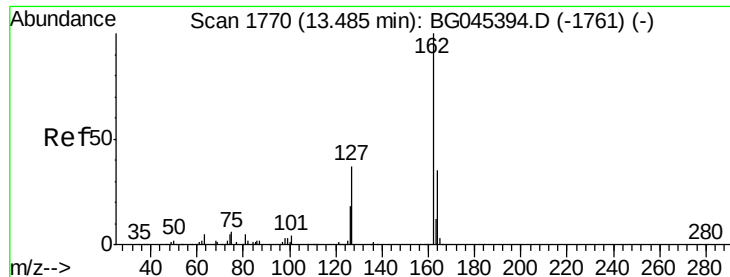
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.5	44.3
170	24.4	18.5	27.7



#46
1,1'-Biphenyl
Concen: 49.125 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	22.2	62.2
76	13.6	0.0	32.4

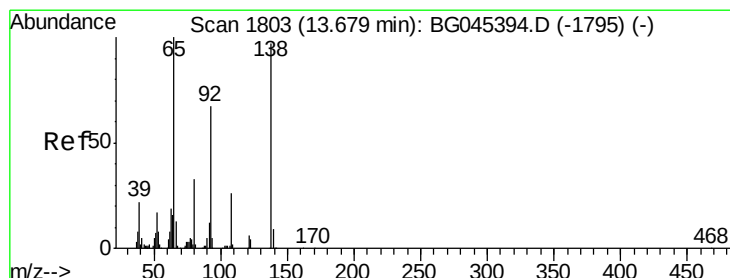
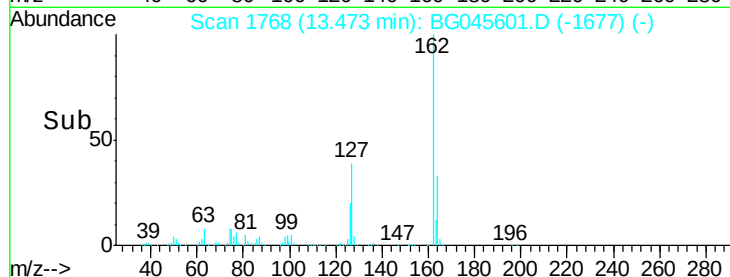
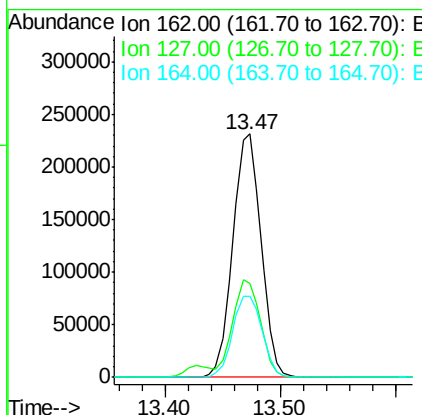
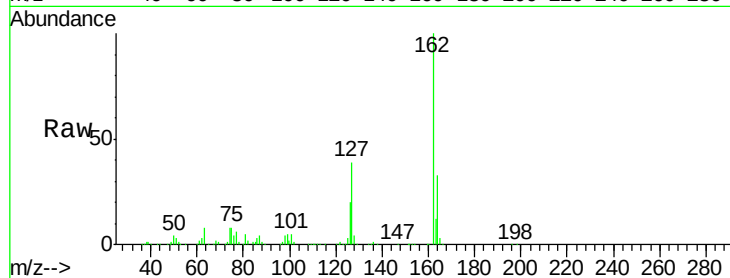




#47
 2-Chloronaphthalene
 Concen: 46.622 ng
 RT: 13.47 min Scan# 1768
 Delta R.T. 0.01 min
 Lab File: BG045601.D
 Acq: 4 Jun 2020 7:05

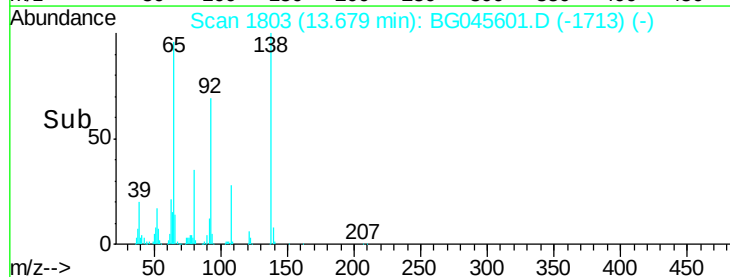
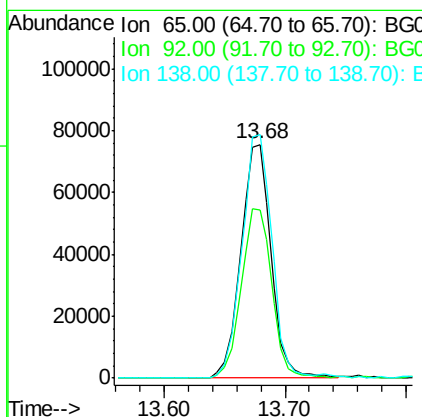
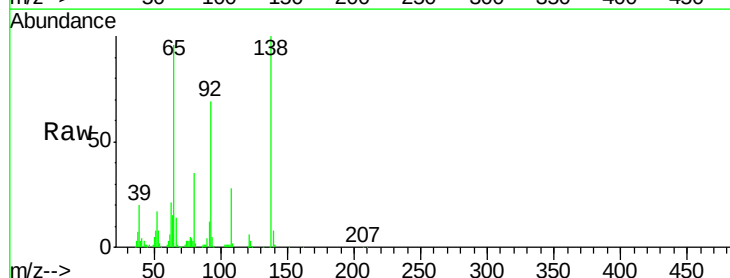
Instrument :
 BNA_G
 ClientSampleId :

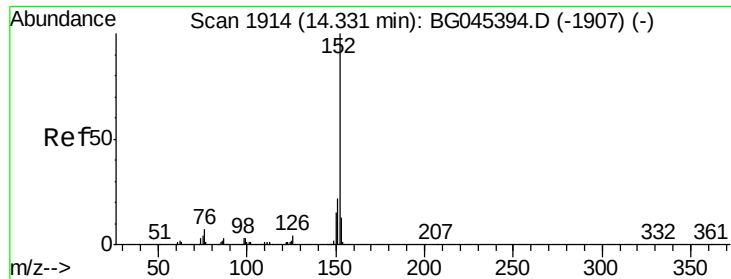
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	31.6	47.4
164	33.0	28.1	42.1



#48
 2-Nitroaniline
 Concen: 47.736 ng
 RT: 13.68 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: BG045601.D
 Acq: 4 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.2	53.8	80.8
138	104.2	77.9	116.9





#49

Acenaphthylene

Concen: 48.229 ng

RT: 14.32 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Instrument :

BNA_G

ClientSampleId :

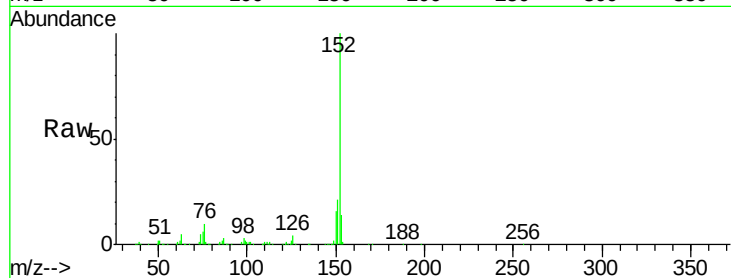
Tot Ion:152 Resp: 650311

Ion Ratio Lower Upper

152 100

151 20.8 17.4 26.2

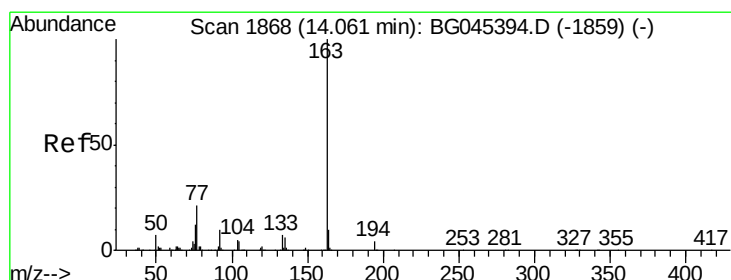
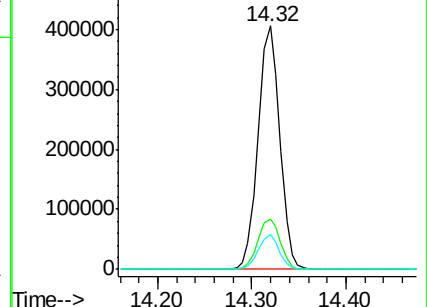
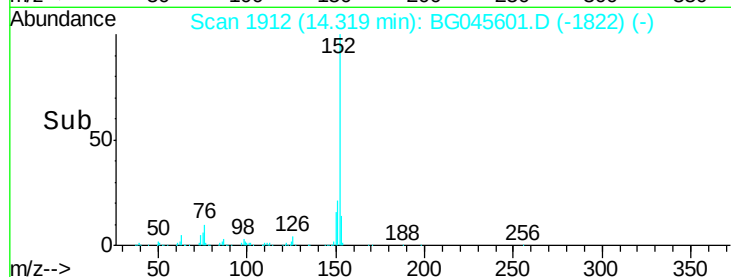
153 14.4 10.7 16.1



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: 55.762 ng

RT: 14.06 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

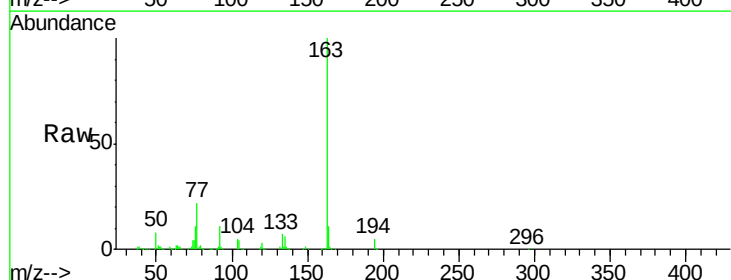
Tgt Ion:163 Resp: 643559

Ion Ratio Lower Upper

163 100

194 4.7 3.2 4.8

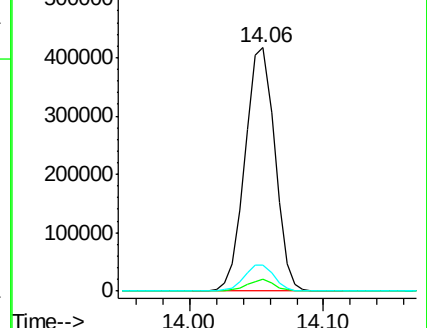
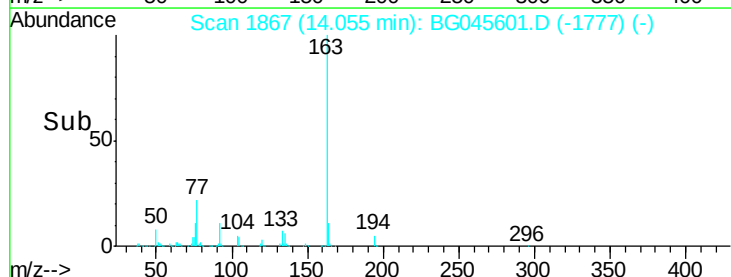
164 10.9 8.3 12.5

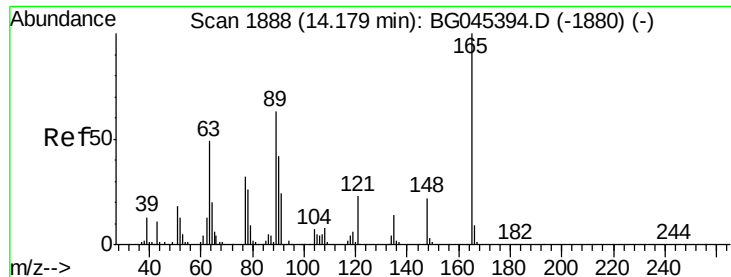


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.357 ng

RT: 14.17 min Scan# 1887

Delta R.T. 0.01 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Instrument :

BNA_G

ClientSampleId :

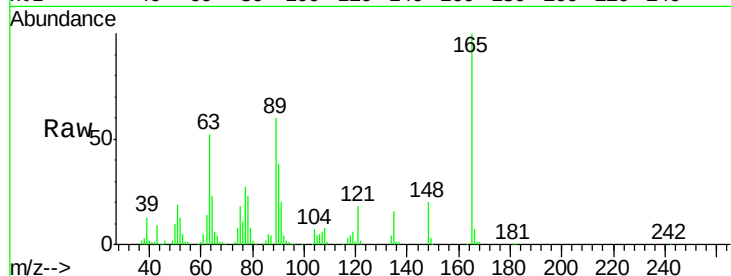
Tot Ion:165 Resp: 123332

Ion Ratio Lower Upper

165 100

63 51.9 45.0 67.4

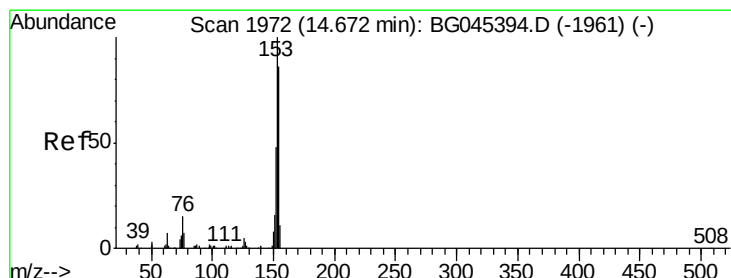
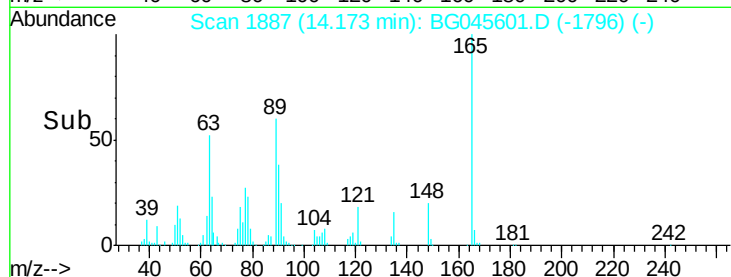
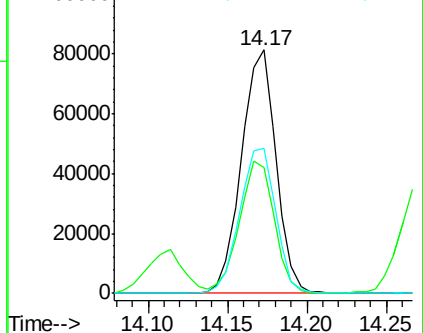
89 59.7 50.2 75.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 42.991 ng

RT: 14.66 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

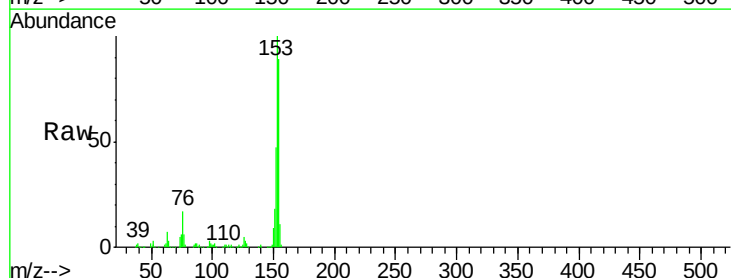
Tgt Ion:154 Resp: 388025

Ion Ratio Lower Upper

154 100

153 112.0 92.8 139.2

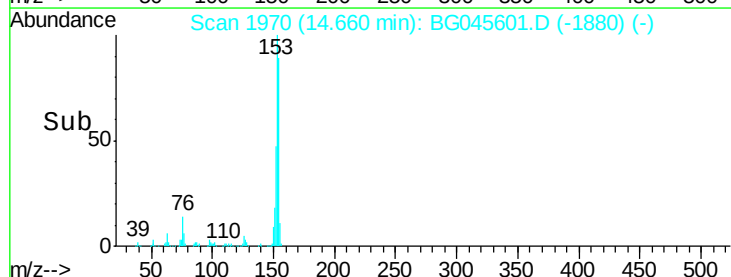
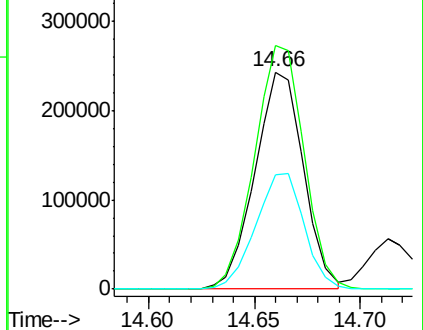
152 52.4 44.6 66.8

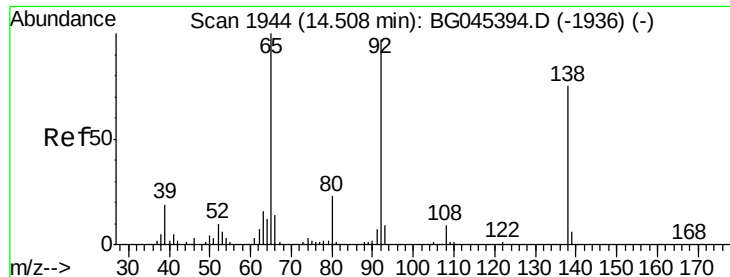


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

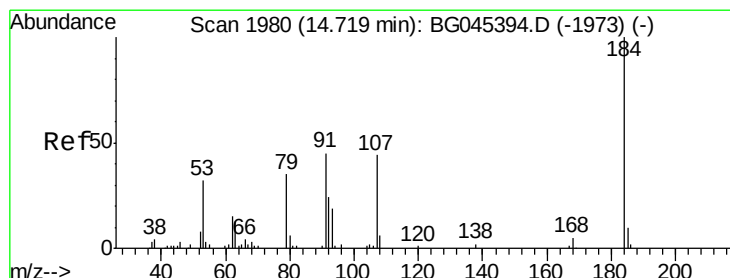
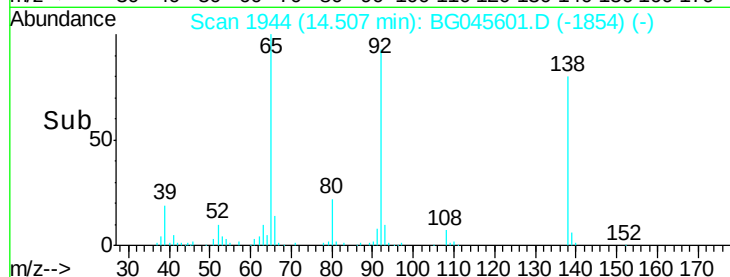
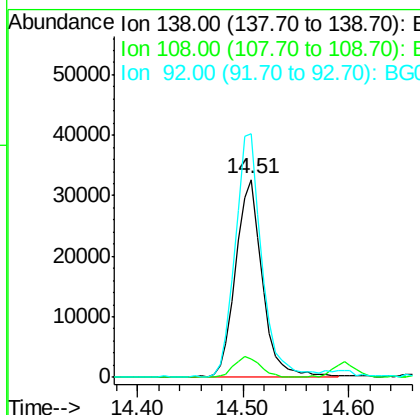
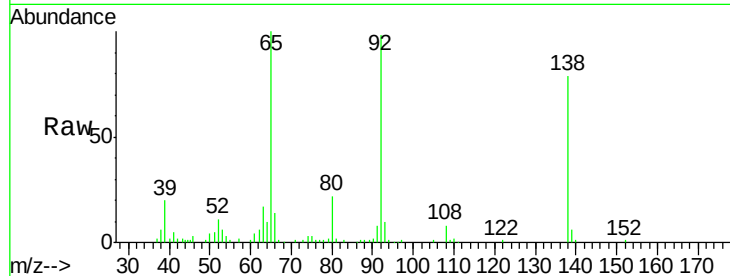




#53
3-Nitroaniline
Concen: 21.575 ng
RT: 14.51 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

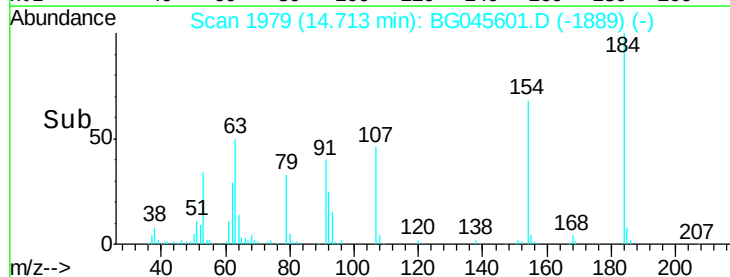
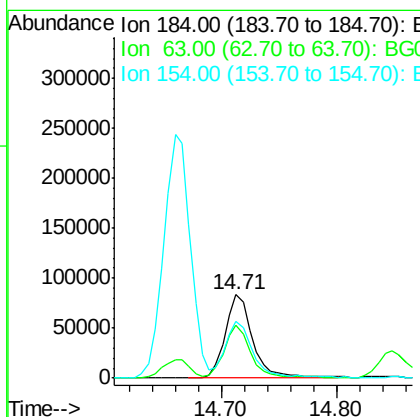
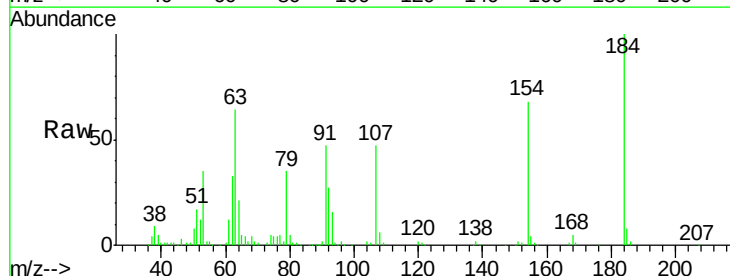
Instrument :
BNA_G
ClientSampleId :

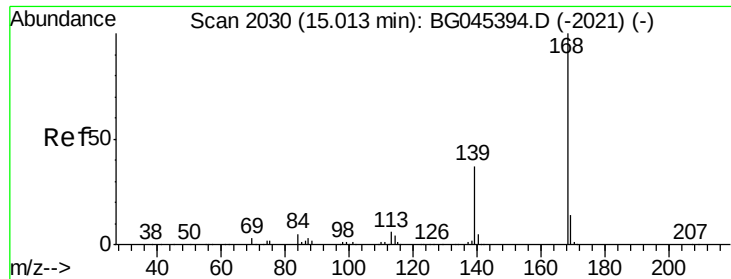
Tot Ion:138 Resp: 57118
Ion Ratio Lower Upper
138 100
108 9.5 9.8 14.6#
92 123.2 103.0 154.4



#54
2,4-Dinitrophenol
Concen: 80.676 ng
RT: 14.71 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion:184 Resp: 137717
Ion Ratio Lower Upper
184 100
63 63.9 47.8 71.6
154 68.2 58.3 87.5

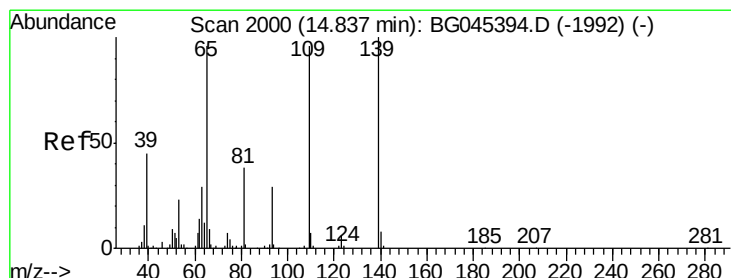
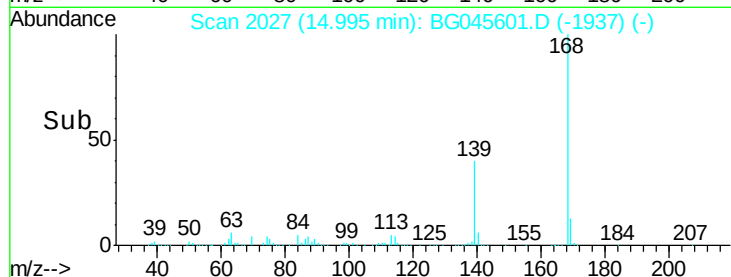
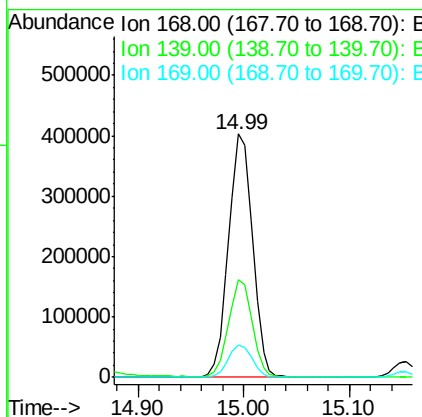
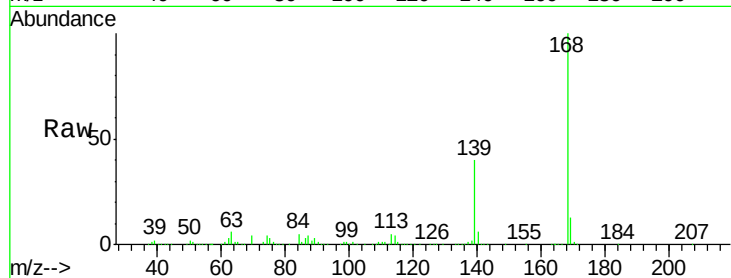




#55
Dibenzofuran
Concen: 47.292 ng
RT: 14.99 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

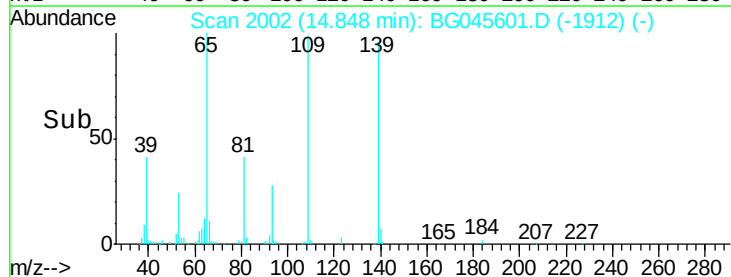
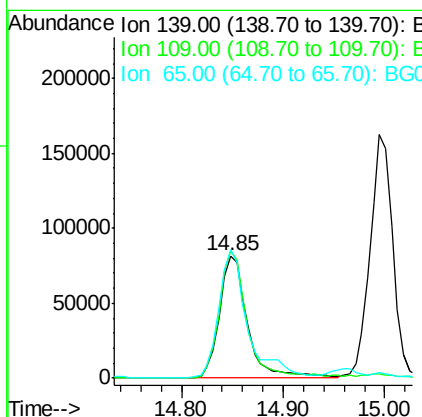
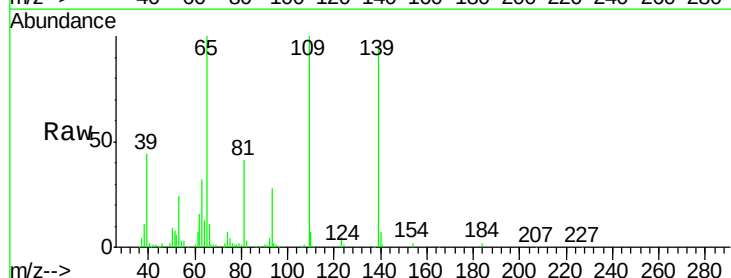
Instrument :
BNA_G
ClientSampleId :

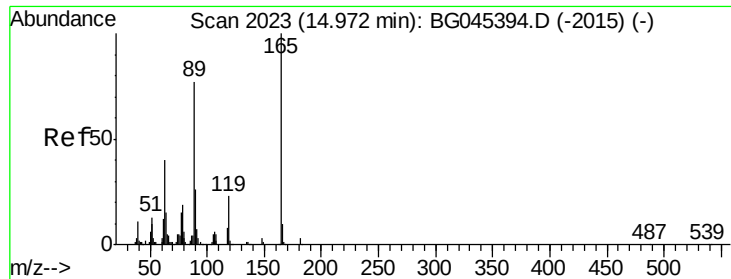
Tot Ion:168 Resp: 633873
Ion Ratio Lower Upper
168 100
139 40.3 29.9 44.9
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 78.281 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion:139 Resp: 156900
Ion Ratio Lower Upper
139 100
109 104.4 75.6 115.6
65 104.8 76.8 116.8





#57

2,4-Dinitrotoluene

Concen: 47.062 ng

RT: 14.96 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 177505

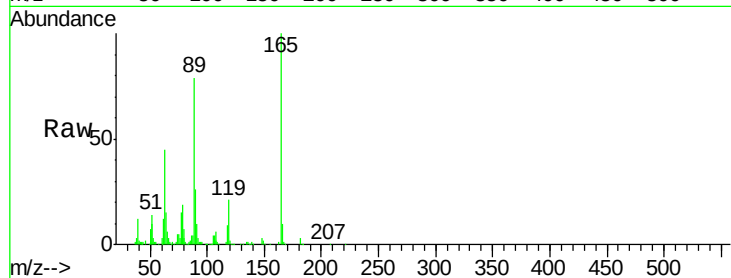
Ion Ratio Lower Upper

165 100

63 45.5 32.5 48.7

89 79.2 61.8 92.6

182 2.7 2.3 3.5

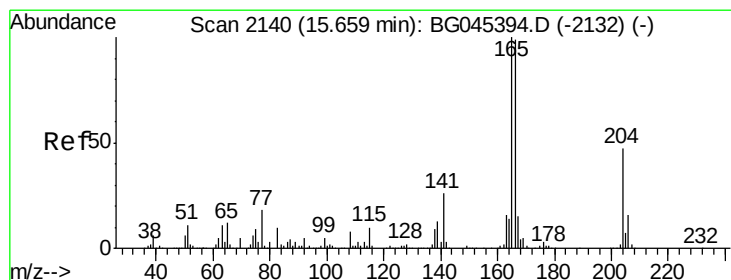
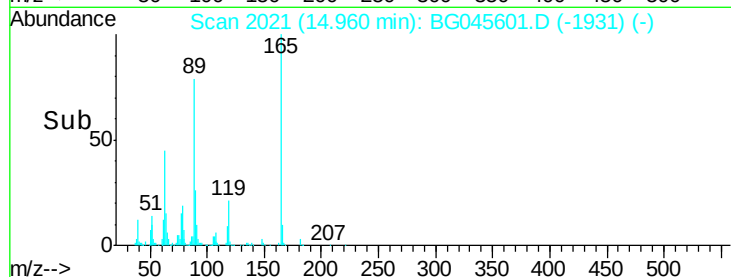
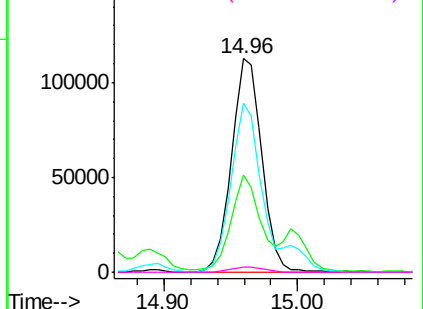


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 48.553 ng

RT: 15.65 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

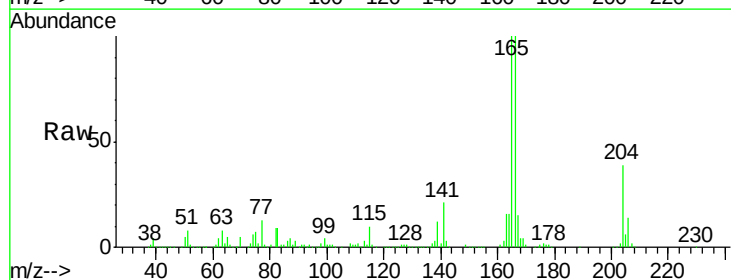
Tgt Ion:166 Resp: 534651

Ion Ratio Lower Upper

166 100

165 99.9 80.8 121.2

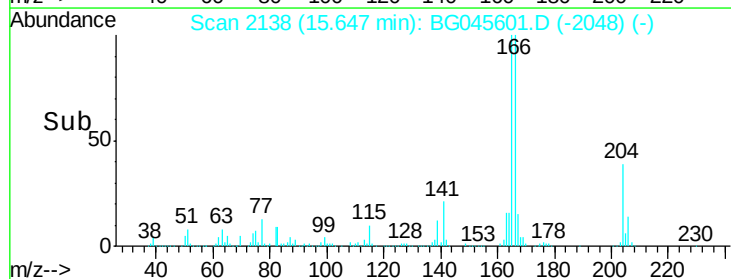
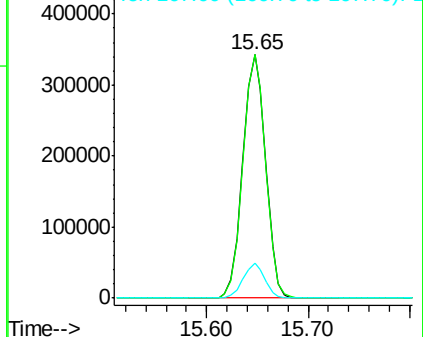
167 14.6 12.0 18.0

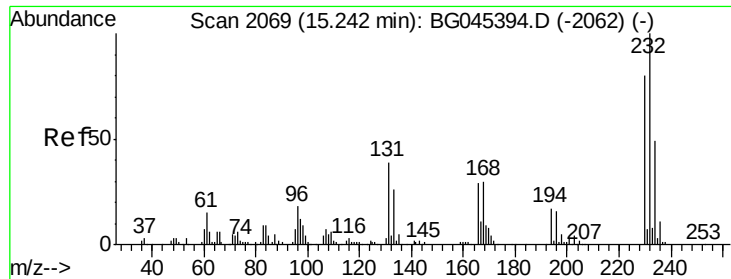


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

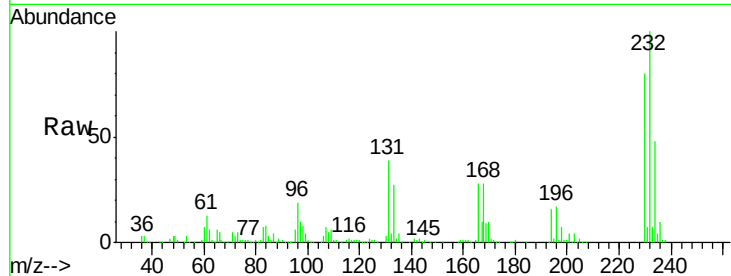




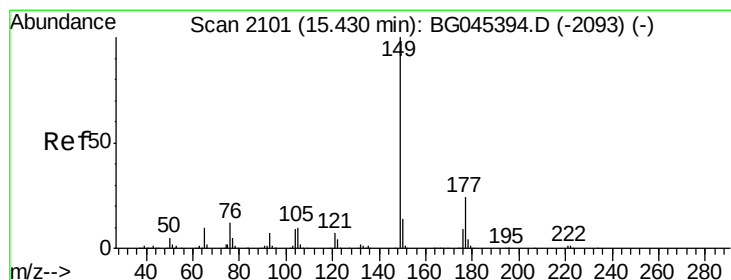
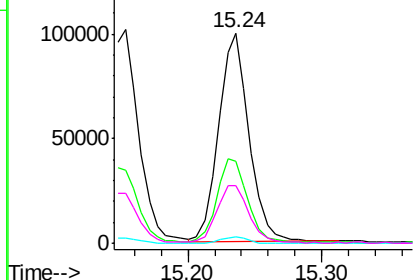
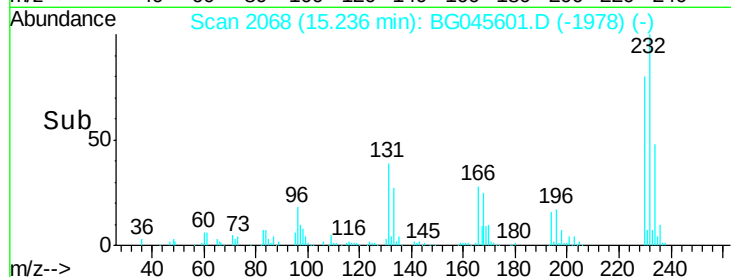
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.656 ng
RT: 15.24 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232 Resp: 159684
Ion Ratio Lower Upper
232 100
131 42.3 33.7 50.5
130 2.6 2.1 3.1
166 29.8 23.2 34.8

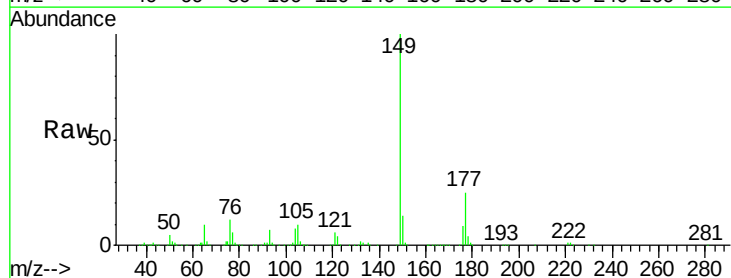


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

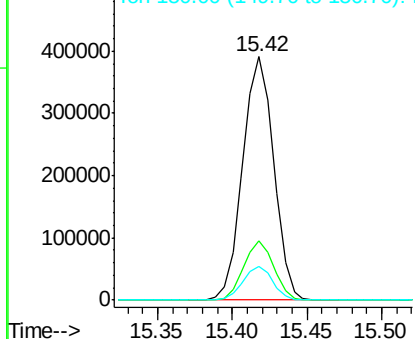
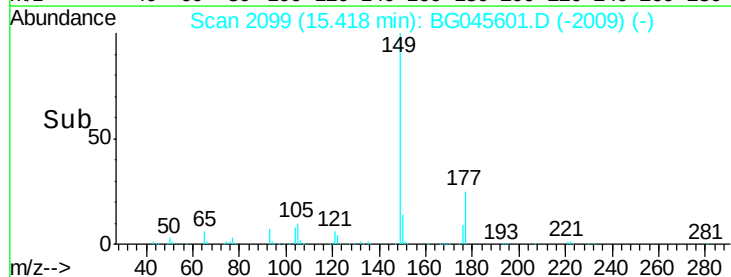


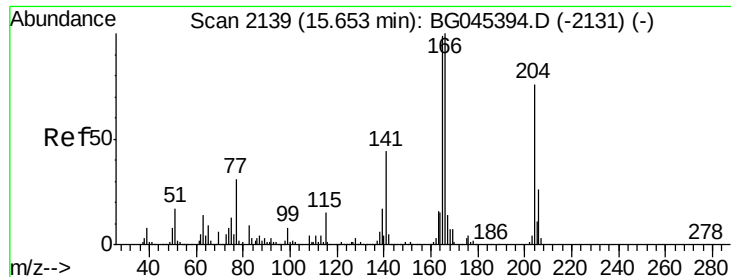
#60
Diethylphthalate
Concen: 46.741 ng
RT: 15.42 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion:149 Resp: 561481
Ion Ratio Lower Upper
149 100
177 24.6 19.0 28.4
150 13.7 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

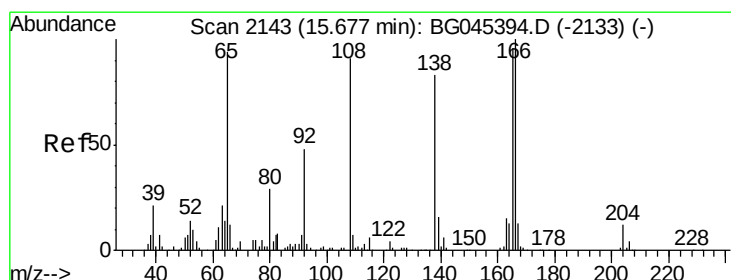
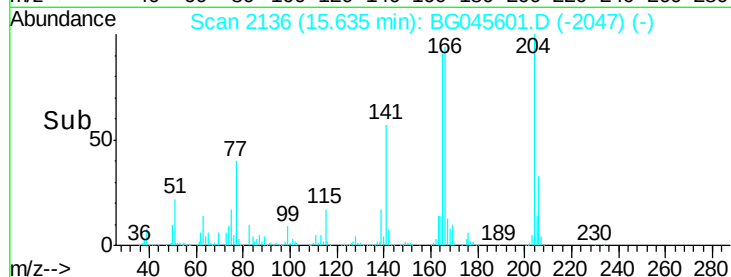
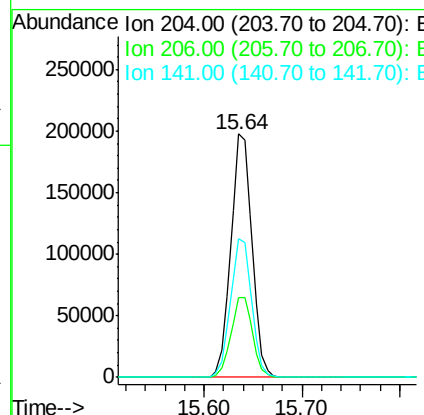
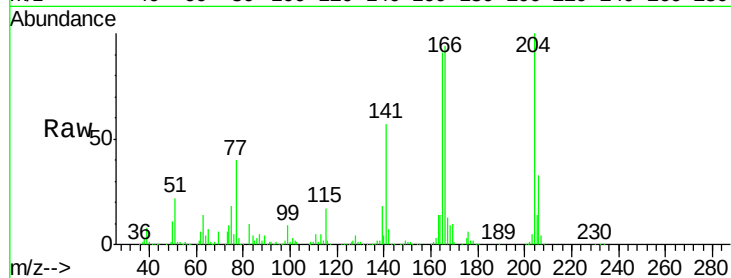




#61
4-Chlorophenyl-phenylether
Concen: 47.087 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

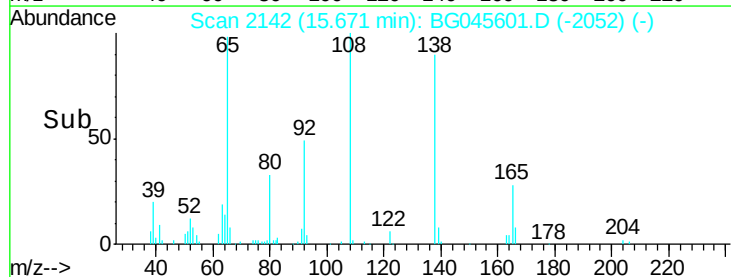
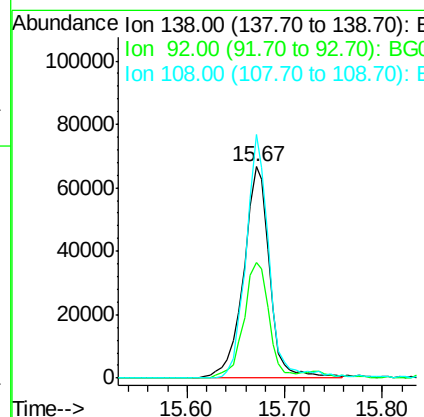
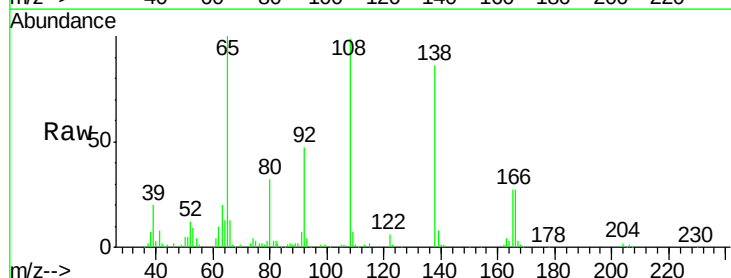
Instrument :
BNA_G
ClientSampled :

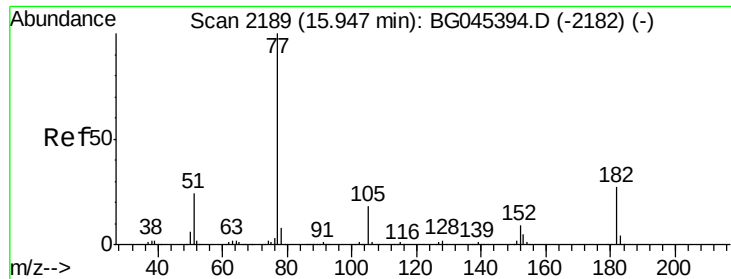
Tot Ion:204 Resp: 296706
Ion Ratio Lower Upper
204 100
206 32.7 27.3 40.9
141 57.0 45.9 68.9



#62
4-Nitroaniline
Concen: 44.775 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion:138 Resp: 123747
Ion Ratio Lower Upper
138 100
92 54.6 38.0 78.0
108 115.1 89.3 129.3

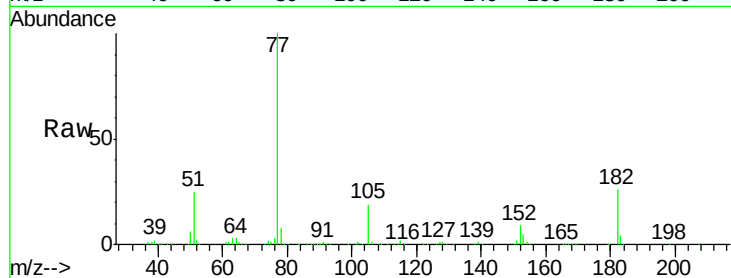




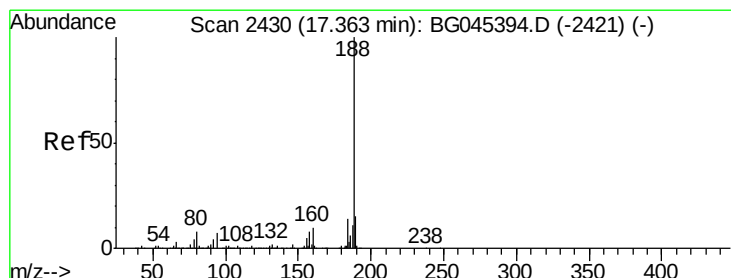
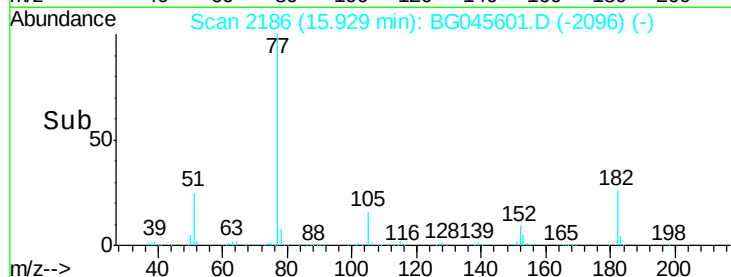
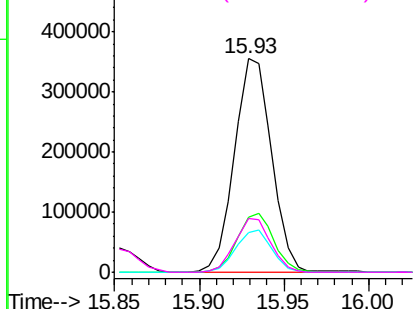
#63
Azobenzene
Concen: 48.338 ng
RT: 15.93 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	541437
Ion	Ratio	Lower	Upper
77	100		
182	25.6	6.5	46.5
105	18.5	0.0	37.9
51	24.9	4.1	44.1

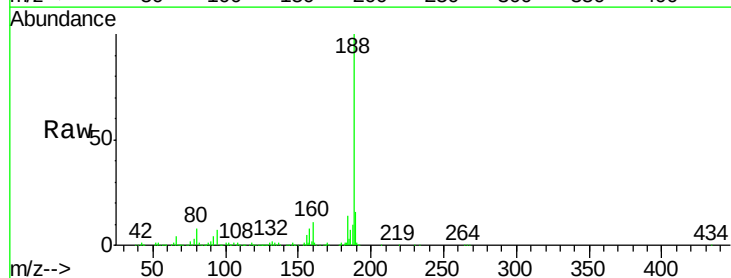


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

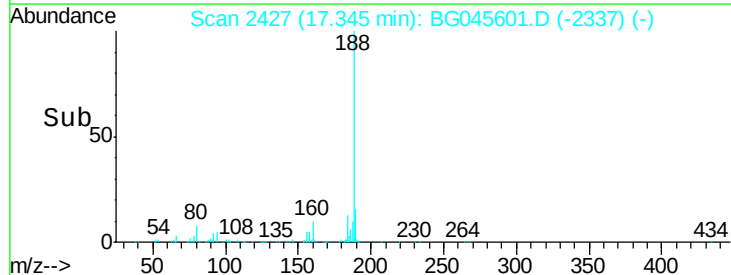
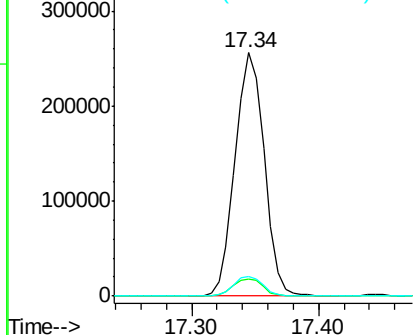


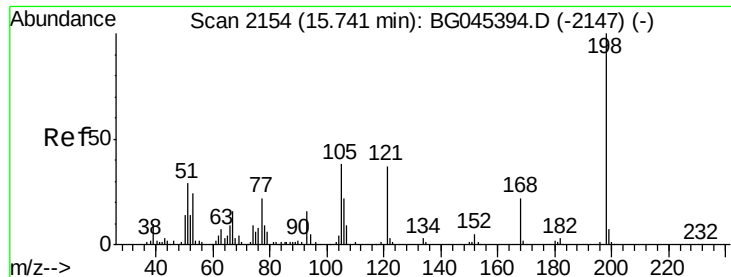
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion:	188	Resp:	408565
Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.5	8.3
80	7.8	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: 47.094 ng

RT: 15.74 min Scan# 2153

Delta R.T. 0.01 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

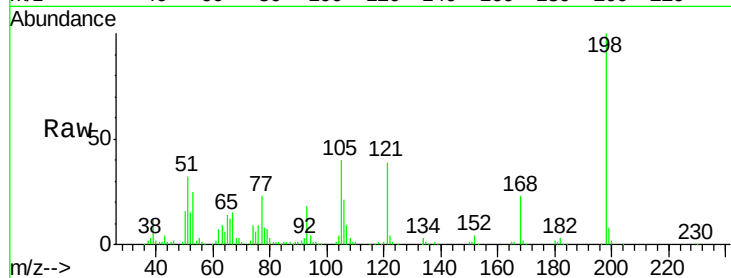
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 112058

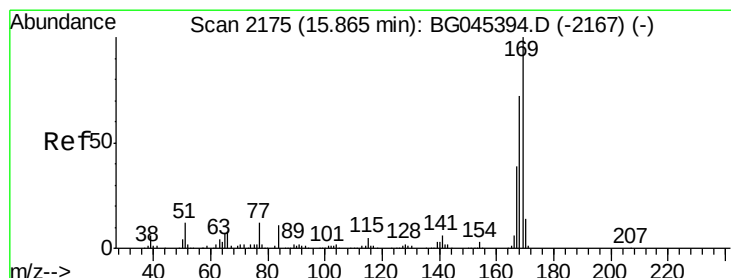
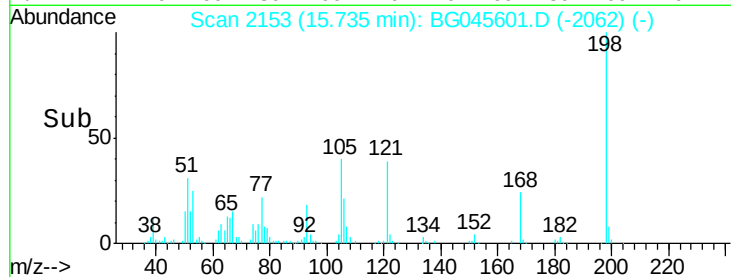
Ion	Ratio	Lower	Upper
198	100		
51	31.6	10.0	50.0
105	40.2	18.9	58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG045394.D (-2147) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.742 ng

RT: 15.85 min Scan# 2173

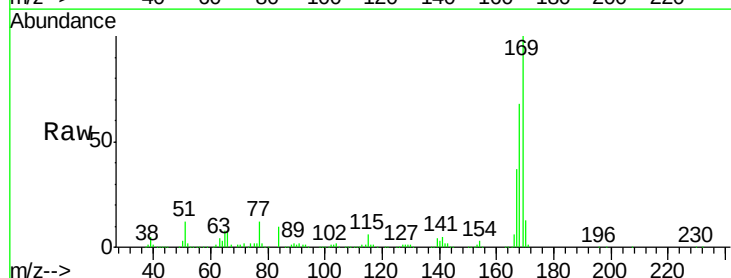
Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Tgt Ion:169 Resp: 478138

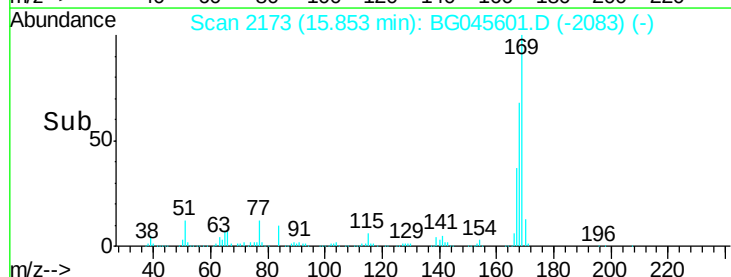
Ion	Ratio	Lower	Upper
169	100		
168	68.4	57.8	86.6
167	37.2	31.5	47.3

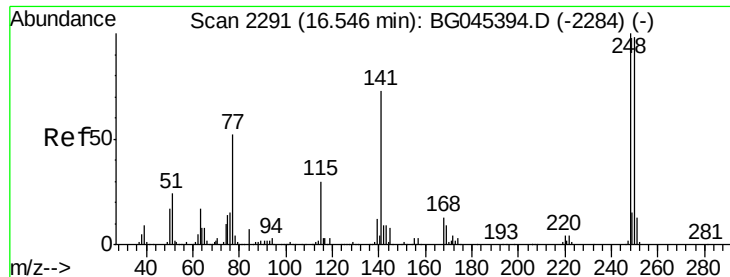


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

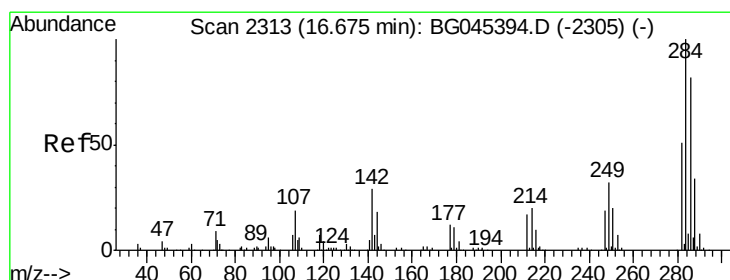
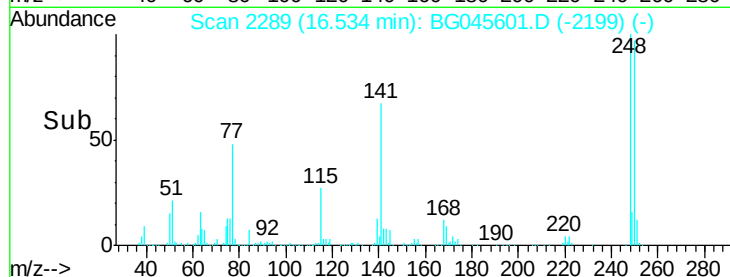
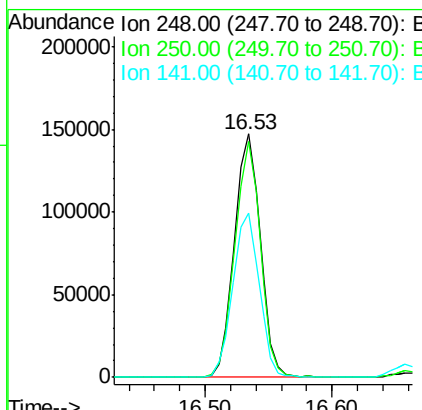
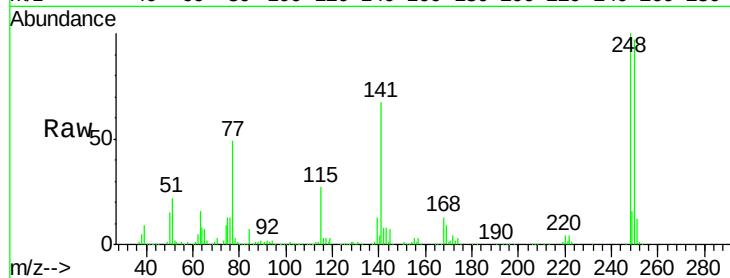




#67
 4-Bromophenyl-phenylether
 Concen: 47.151 ng
 RT: 16.53 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG045601.D
 Acq: 4 Jun 2020 7:05

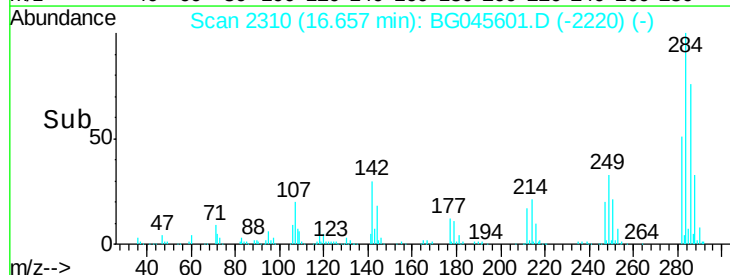
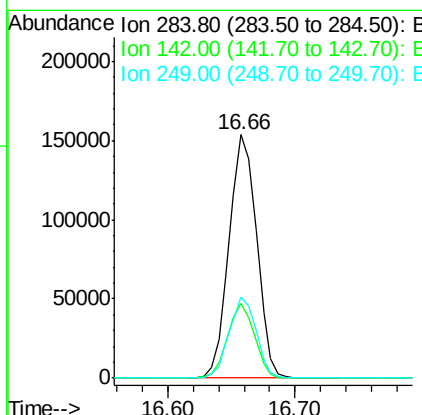
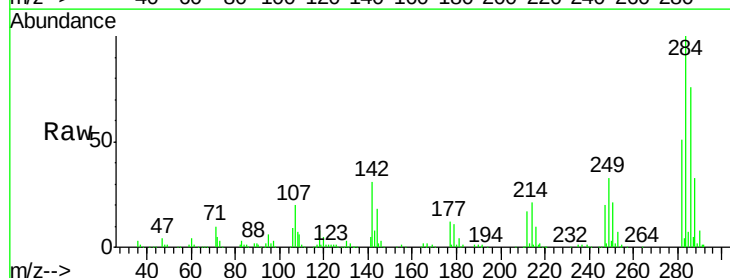
Instrument :
 BNA_G
 ClientSampleId :

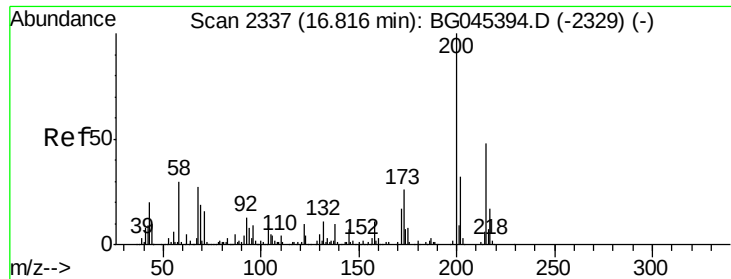
Tot Ion:248 Resp: 208600
 Ion Ratio Lower Upper
 248 100
 250 96.7 78.6 117.8
 141 67.4 58.2 87.2



#68
 Hexachlorobenzene
 Concen: 49.937 ng
 RT: 16.66 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: BG045601.D
 Acq: 4 Jun 2020 7:05

Tgt Ion:284 Resp: 231068
 Ion Ratio Lower Upper
 284 100
 142 30.5 23.0 34.6
 249 33.4 25.8 38.6

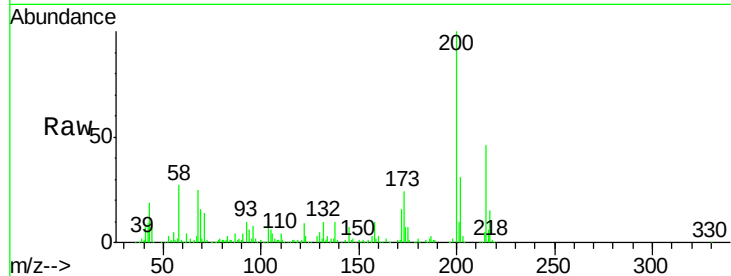




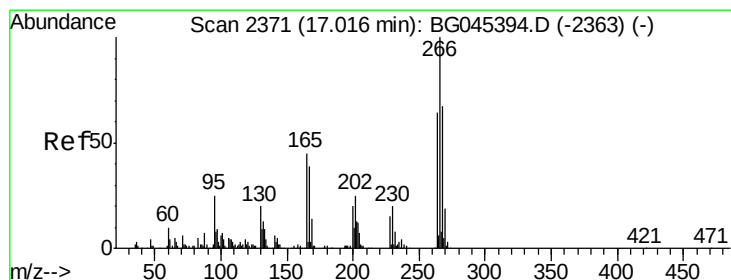
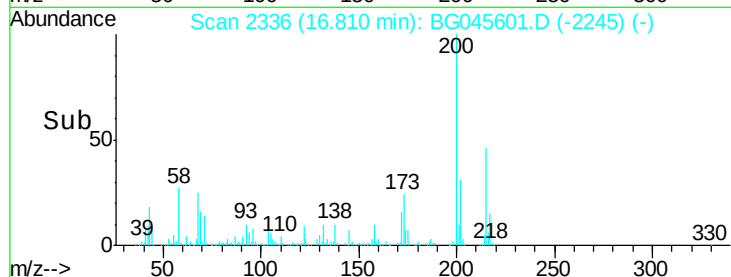
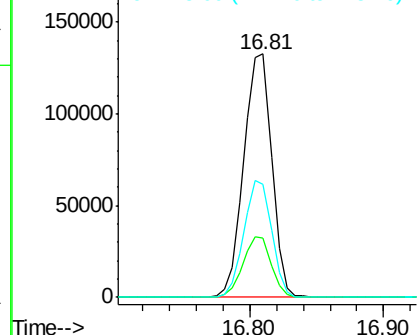
#69
Atrazine
Concen: 47.712 ng
RT: 16.81 min Scan# 2336
Delta R.T. 0.01 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.2	5.5	45.5
215	46.4	28.2	68.2

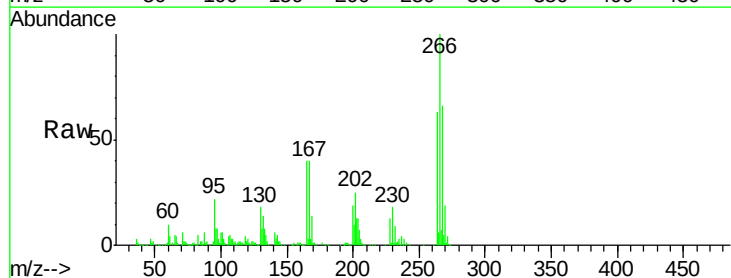


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

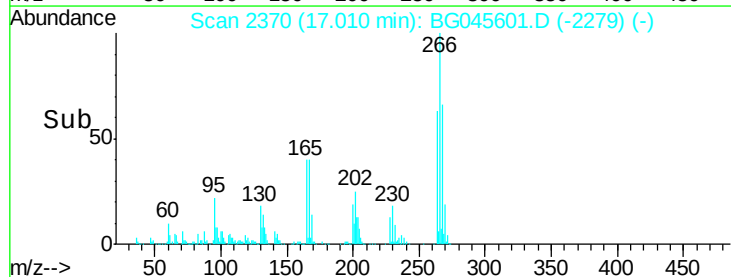
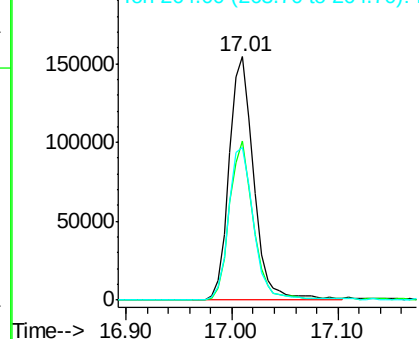


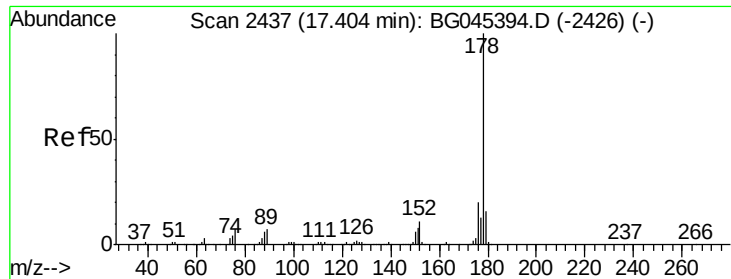
#70
Pentachlorophenol
Concen: 103.809 ng
RT: 17.01 min Scan# 2370
Delta R.T. 0.01 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.5	53.2	79.8
264	62.7	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

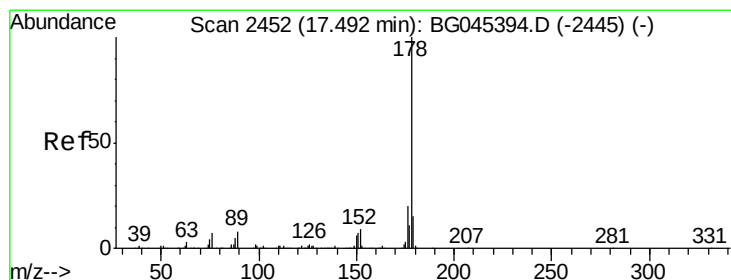
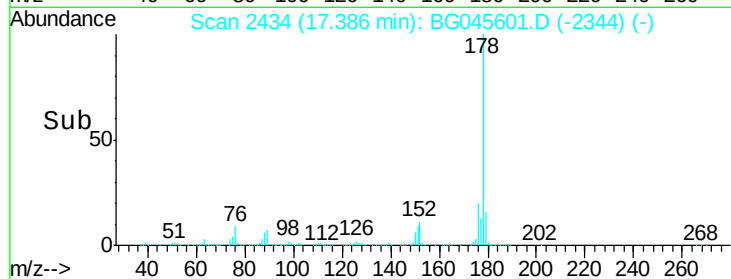
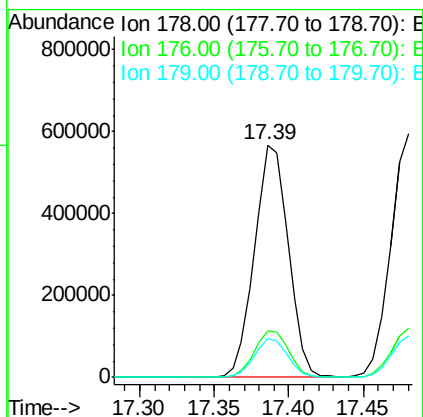
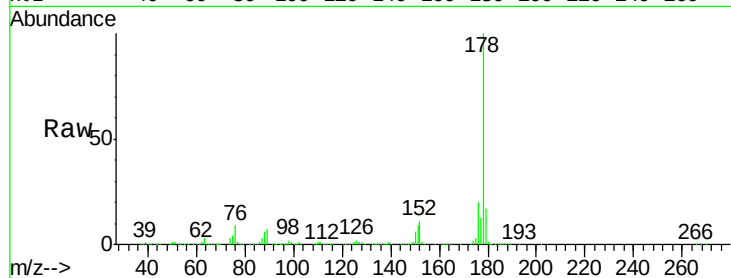




#71
Phenanthrene
Concen: 49.857 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

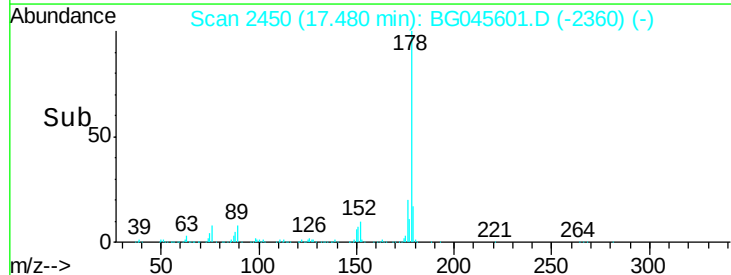
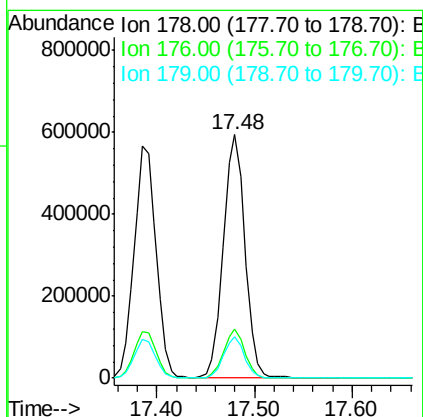
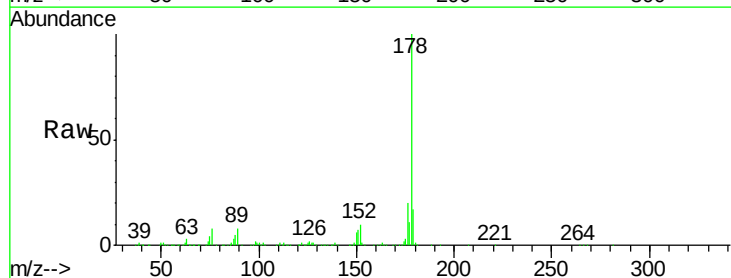
Instrument :
BNA_G
ClientSampleId :

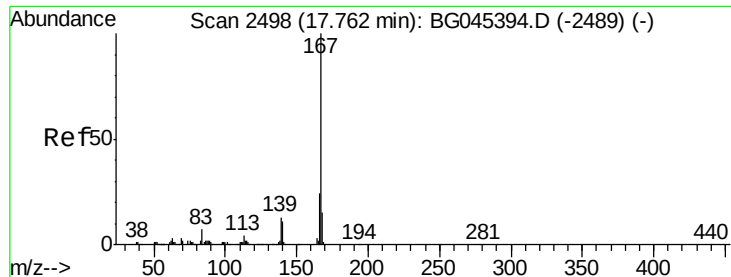
Tot Ion:178 Resp: 889252
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.4
179 16.8 13.1 19.7



#72
Anthracene
Concen: 50.779 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion:178 Resp: 909527
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.6
179 16.9 12.2 18.4

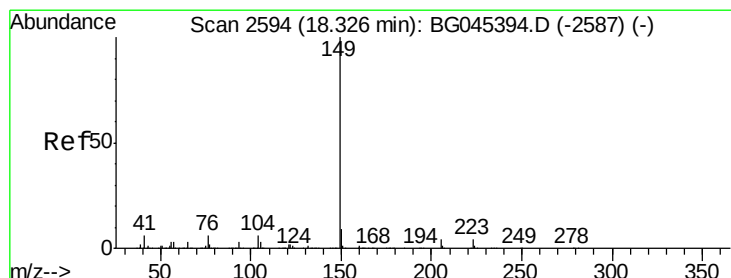
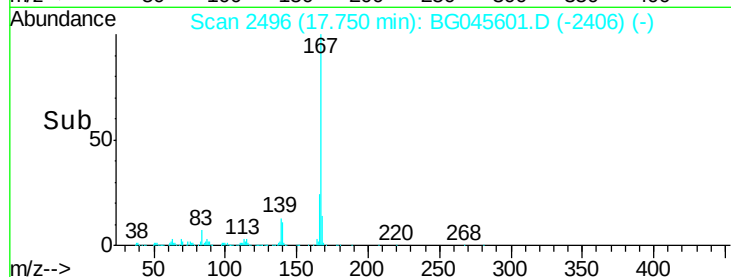
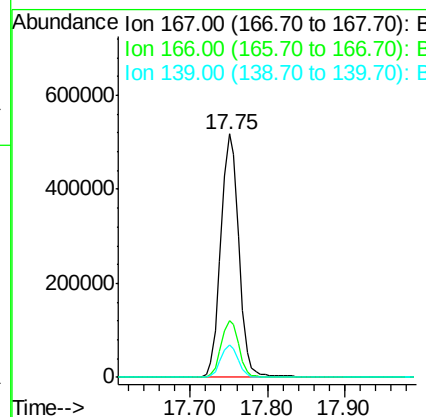
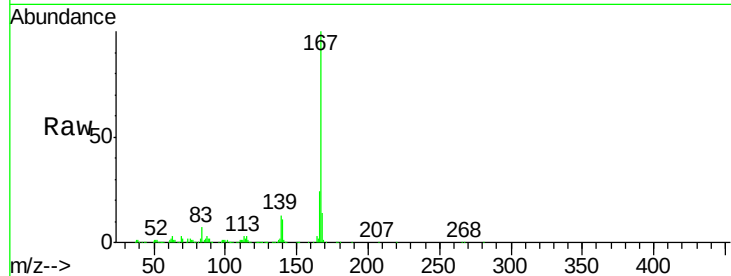




#73
 Carbazole
 Concen: 48.050 ng
 RT: 17.75 min Scan# 2496
 Delta R.T. 0.00 min
 Lab File: BG045601.D
 Acq: 4 Jun 2020 7:05

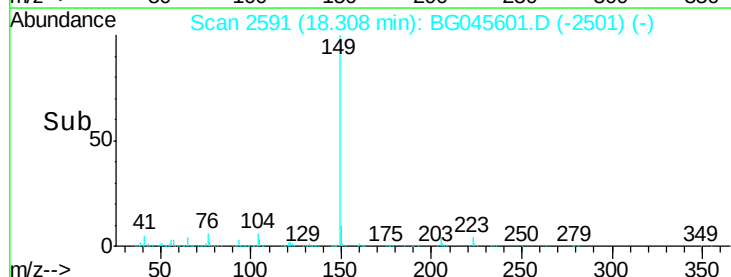
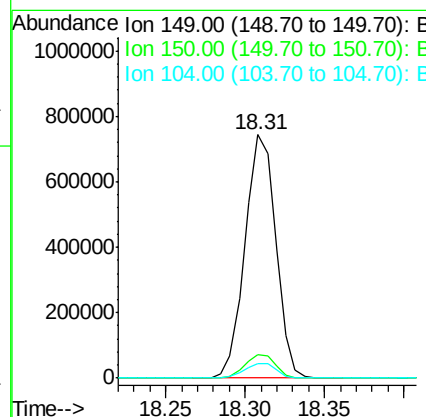
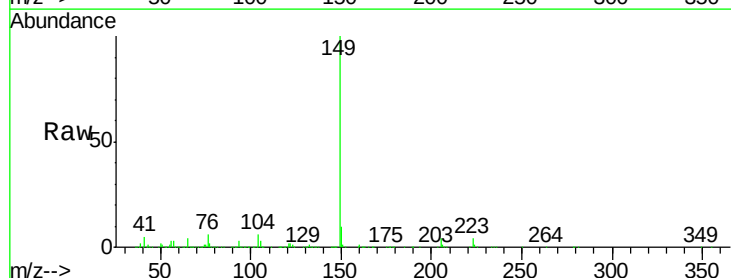
Instrument :
 BNA_G
 ClientSampleId :

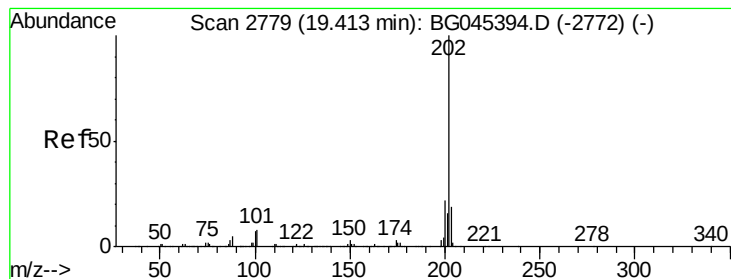
Tot Ion:167 Resp: 838921
 Ion Ratio Lower Upper
 167 100
 166 23.6 19.2 28.8
 139 13.3 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 47.910 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. 0.00 min
 Lab File: BG045601.D
 Acq: 4 Jun 2020 7:05

Tgt Ion:149 Resp: 1003989
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.6 11.4
 104 6.2 5.0 7.4





#75

Fluoranthene

Concen: 49.222 ng

RT: 19.40 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Instrument :

BNA_G

ClientSampleId :

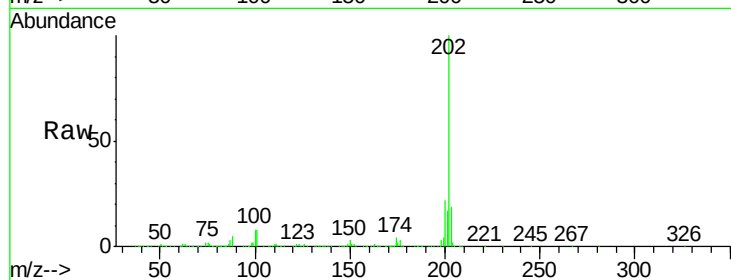
Tot Ion:202 Resp: 1116677

Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	28.3
203	19.4	0.0	39.0

202 100

101 8.1 0.0 28.3

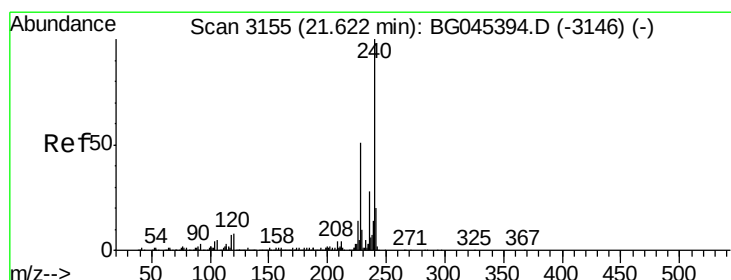
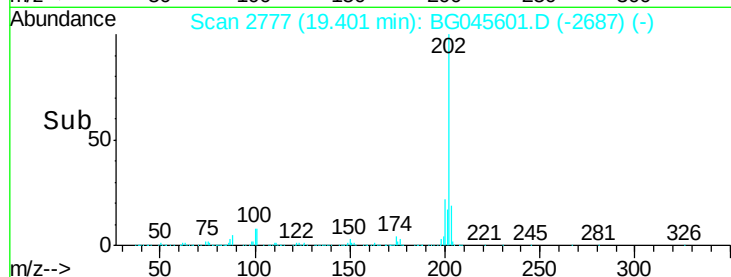
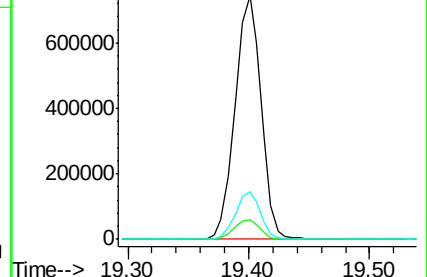
203 19.4 0.0 39.0



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: 21.61 min Scan# 3153

Delta R.T. 0.01 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

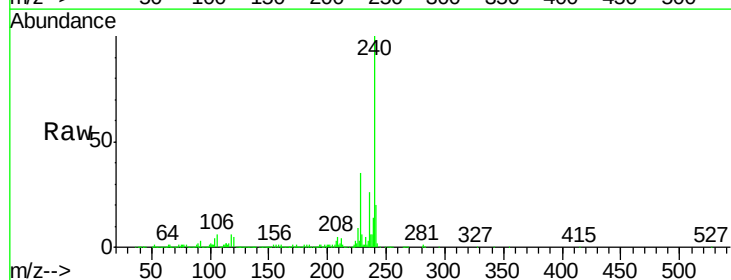
Tgt Ion:240 Resp: 385743

Ion	Ratio	Lower	Upper
240	100		
120	5.5	6.1	9.1#
236	25.8	22.3	33.5

240 100

120 5.5 6.1 9.1#

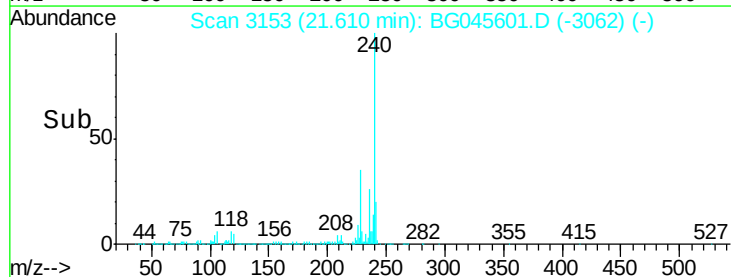
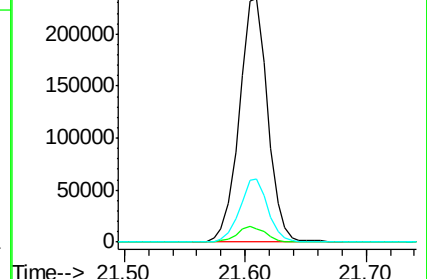
236 25.8 22.3 33.5

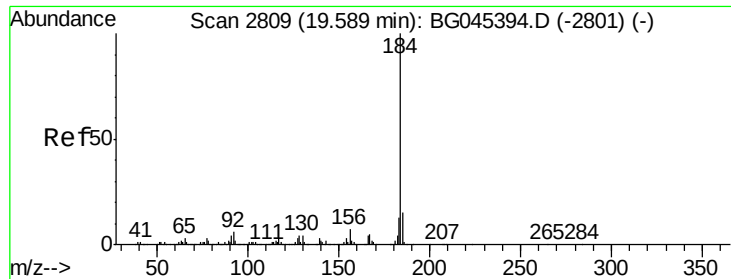


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.717 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

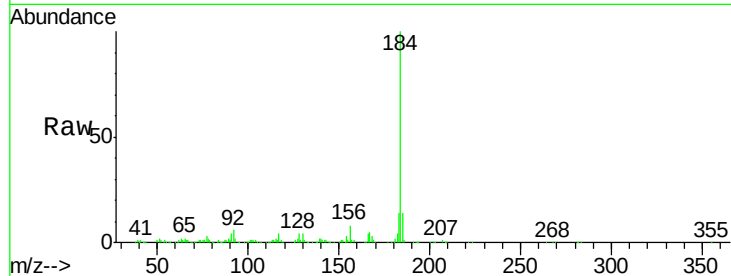
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 246109

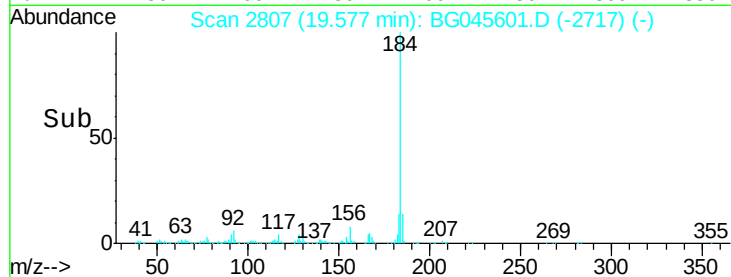
Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.7	17.5
183	13.7	10.2	15.4



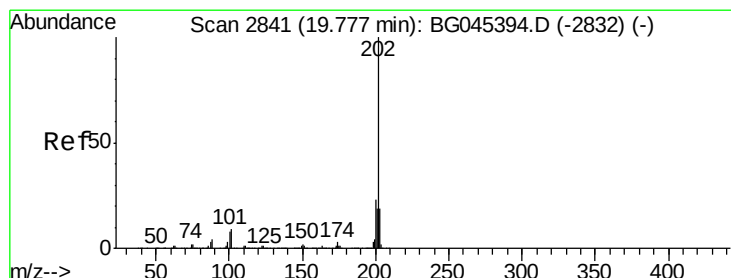
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 50.182 ng

RT: 19.76 min Scan# 2838

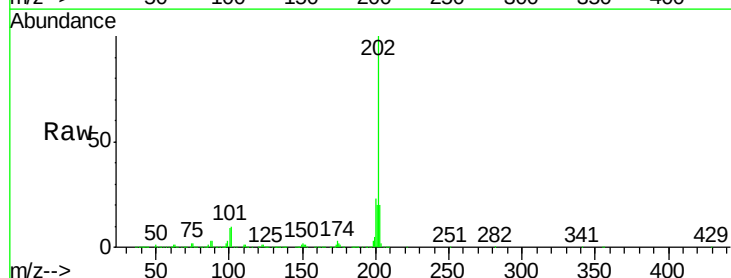
Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Tgt Ion:202 Resp: 1103439

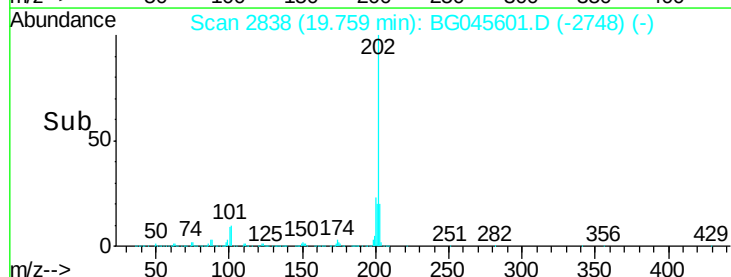
Ion	Ratio	Lower	Upper
202	100		
200	23.2	18.2	27.2
203	19.5	15.1	22.7



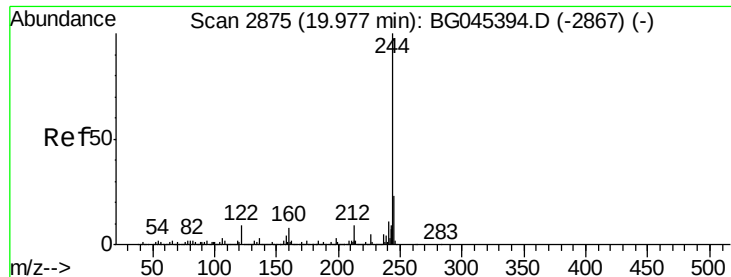
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 103.164 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Instrument :

BNA_G

ClientSampleId :

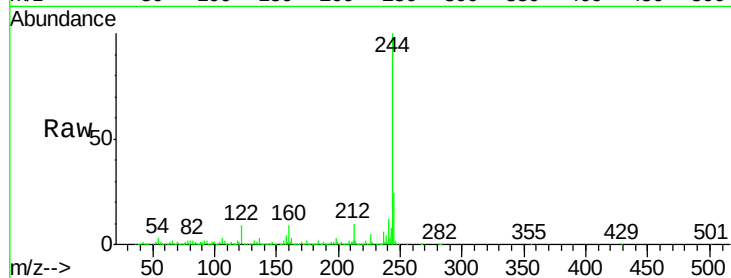
Tot Ion:244 Resp: 1706240

Ion Ratio Lower Upper

244 100

212 9.7 7.4 11.0

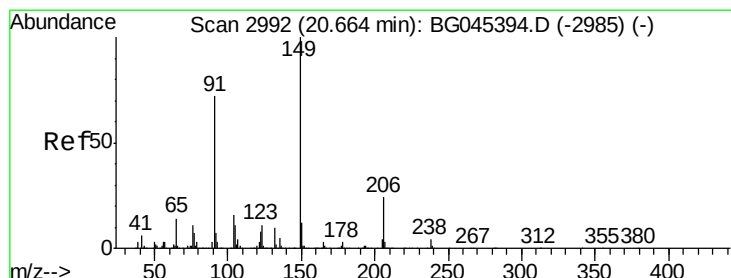
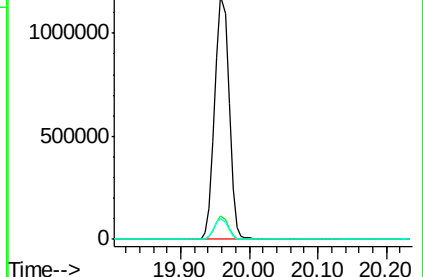
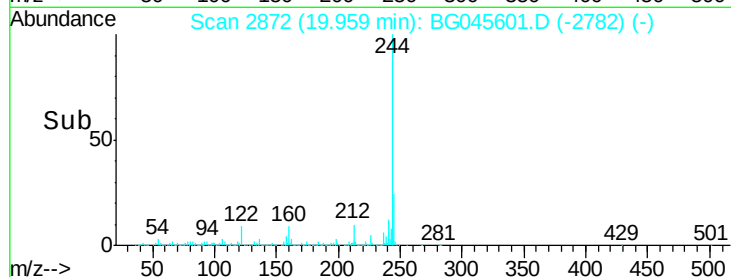
122 8.5 6.8 10.2



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: 48.286 ng

RT: 20.65 min Scan# 2990

Delta R.T. 0.01 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

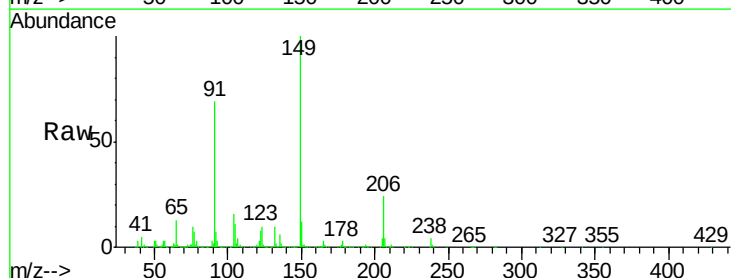
Tgt Ion:149 Resp: 458289

Ion Ratio Lower Upper

149 100

91 69.4 57.8 86.6

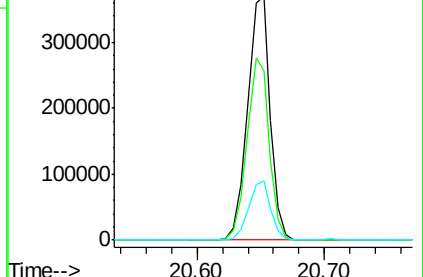
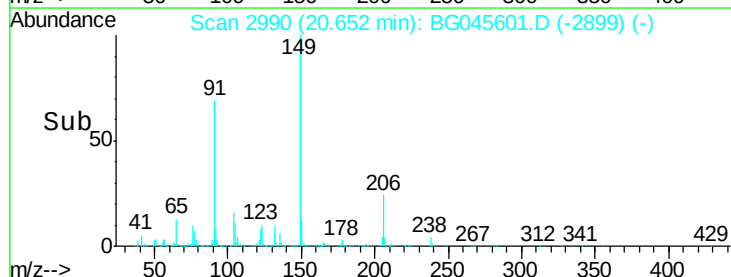
206 24.4 19.1 28.7

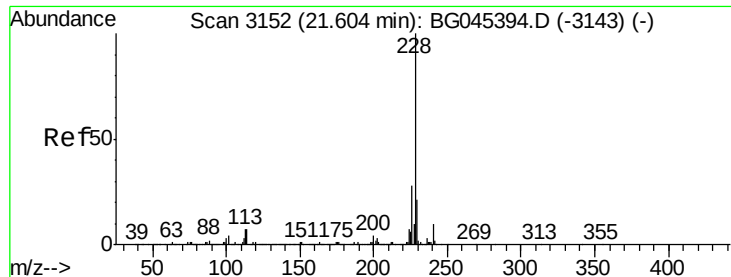


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

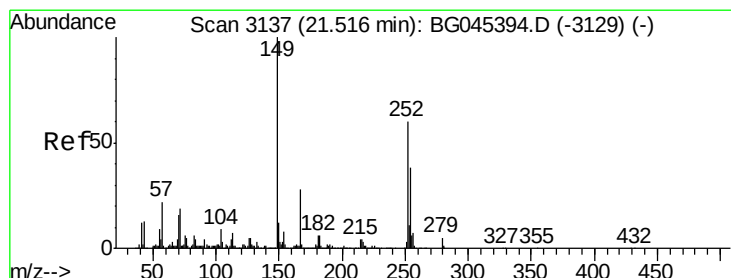
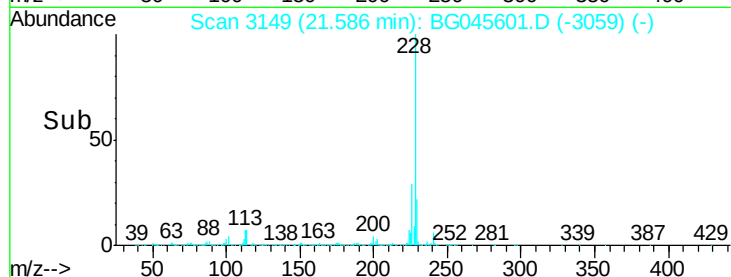
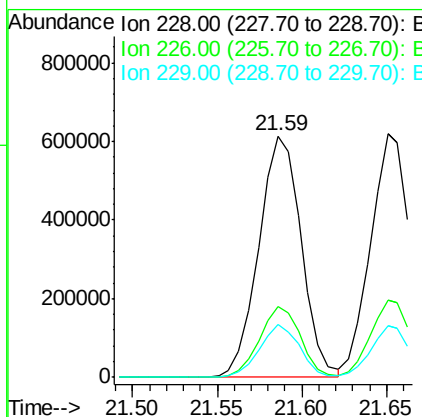
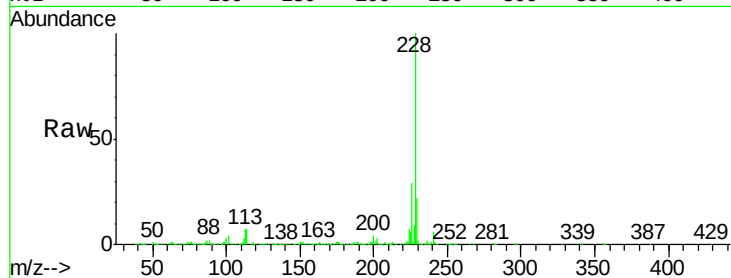




#81
Benzo(a)anthracene
Concen: 49.855 ng
RT: 21.59 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

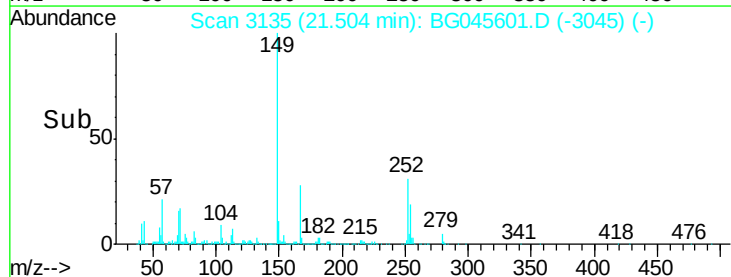
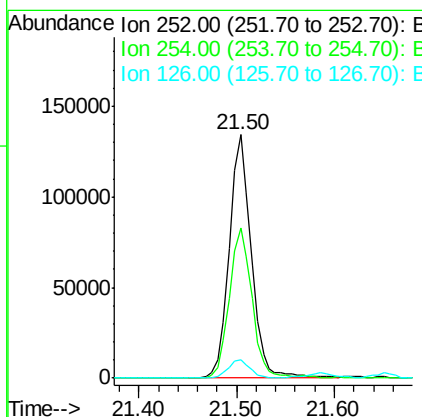
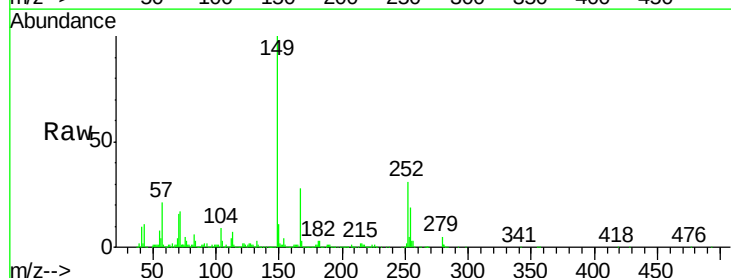
Instrument :
BNA_G
ClientSampled :

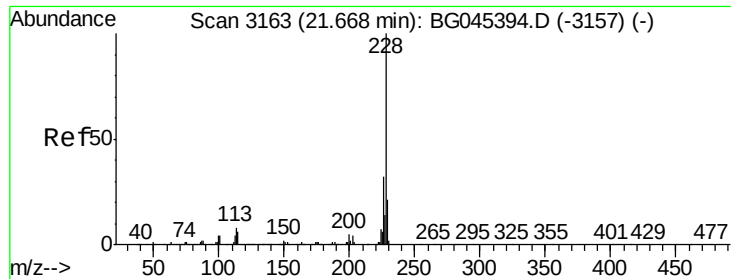
Tot Ion:228 Resp: 1071303
Ion Ratio Lower Upper
228 100
226 29.1 22.7 34.1
229 22.0 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 24.990 ng
RT: 21.50 min Scan# 3135
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion:252 Resp: 210642
Ion Ratio Lower Upper
252 100
254 61.9 51.3 76.9
126 7.8 6.6 10.0





#83

Chrysene

Concen: 49.219 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Instrument :

BNA_G

ClientSampled :

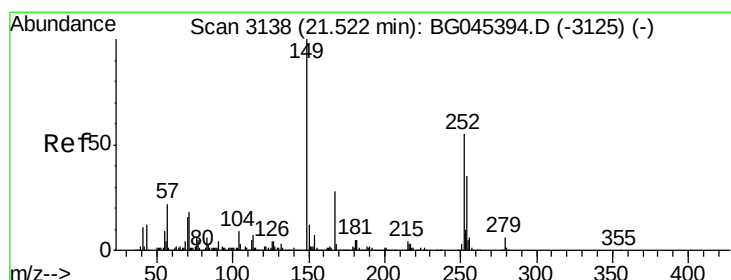
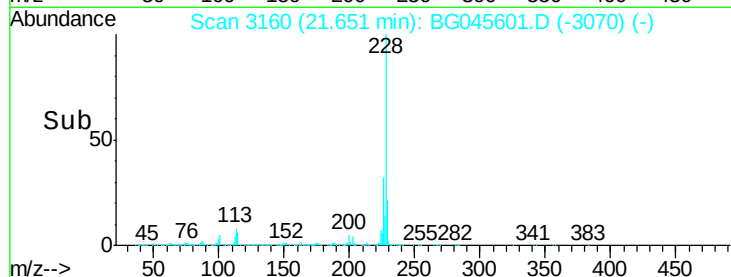
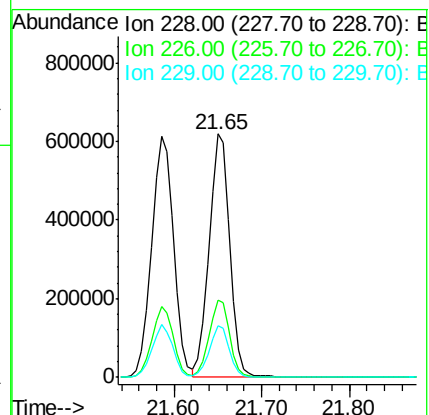
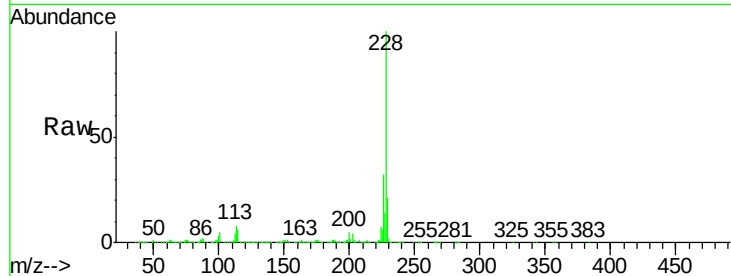
Tot Ion:228 Resp: 1016973

Ion Ratio Lower Upper

228 100

226 31.6 25.2 37.8

229 21.0 16.7 25.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.167 ng

RT: 21.50 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

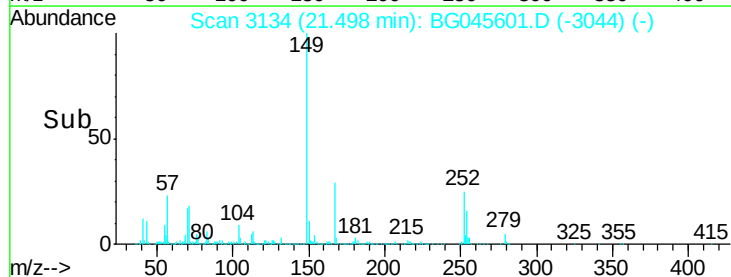
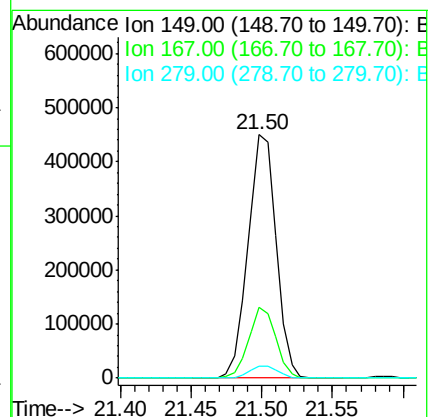
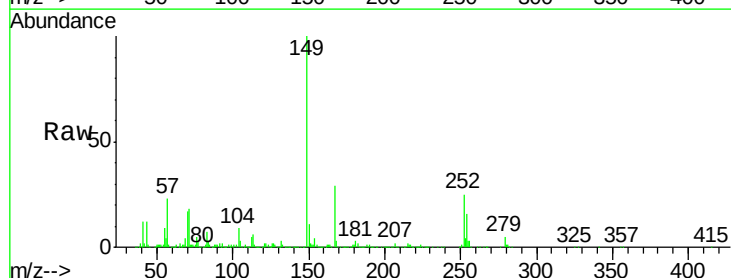
Tgt Ion:149 Resp: 628429

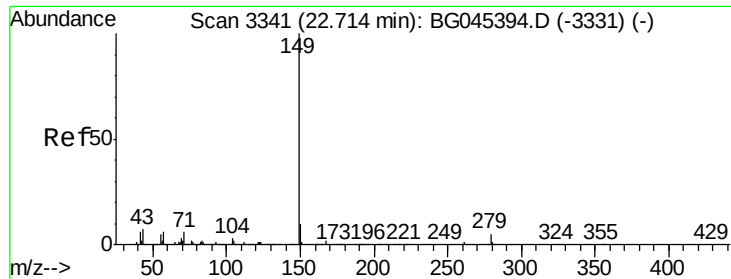
Ion Ratio Lower Upper

149 100

167 28.9 22.2 33.2

279 5.1 4.7 7.1





#85

Di-n-octyl phthalate

Concen: 48.078 ng

RT: 22.68 min Scan# 3336

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Instrument :

BNA_G

ClientSampleId :

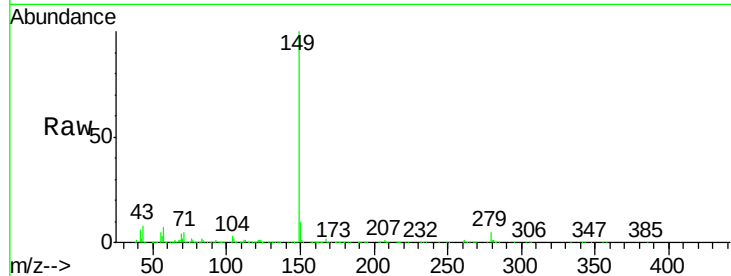
Tot Ion:149 Resp: 1077338

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

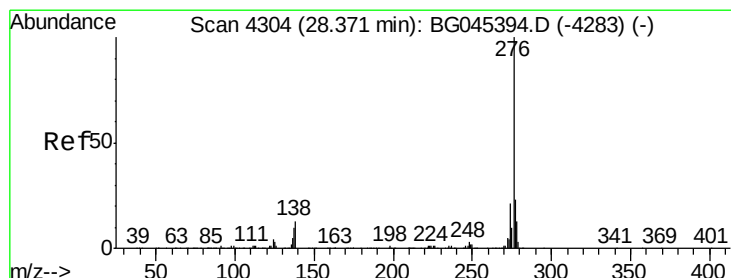
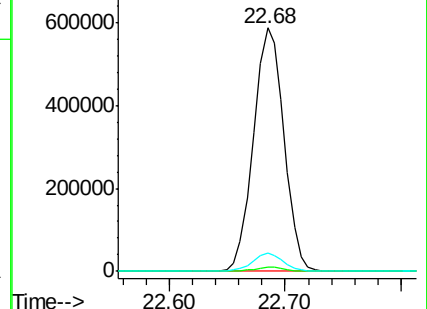
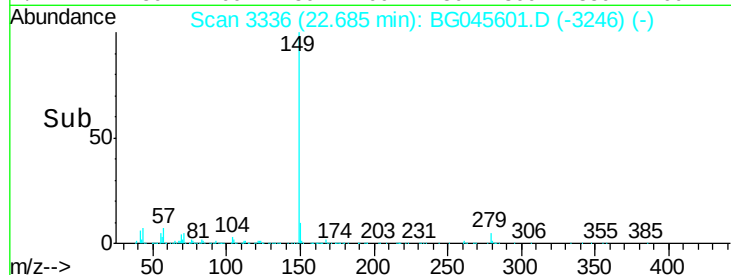
43 7.2 5.8 8.8



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.332 ng

RT: 28.33 min Scan# 4297

Delta R.T. 0.01 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

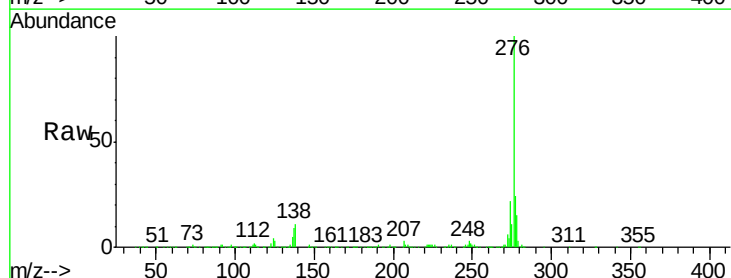
Tgt Ion:276 Resp: 1332899

Ion Ratio Lower Upper

276 100

138 14.8 8.6 12.8#

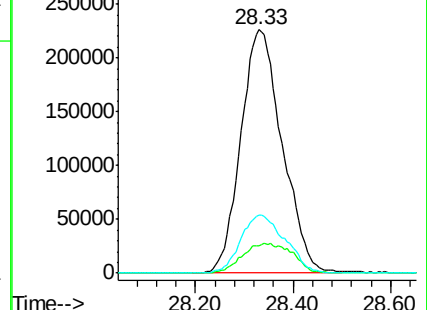
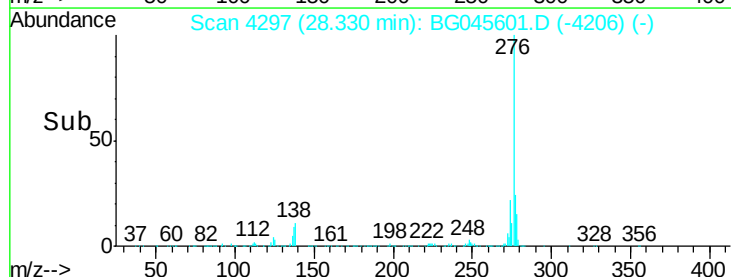
277 25.5 20.2 30.4

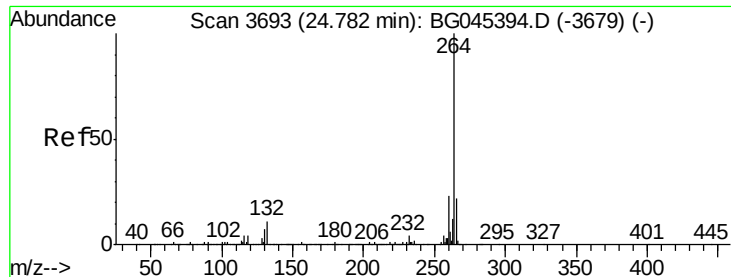


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.75 min Scan# 3688

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Instrument :

BNA_G

ClientSampleId :

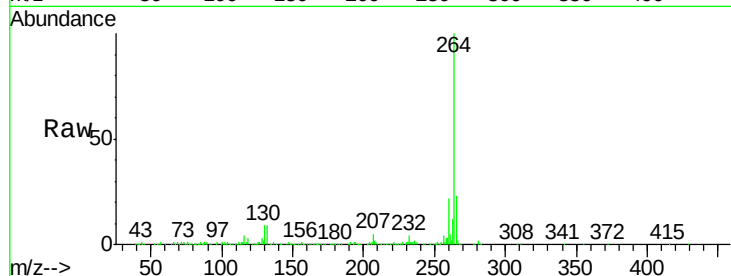
Tot Ion:264 Resp: 425171

Ion Ratio Lower Upper

264 100

260 22.1 18.2 27.4

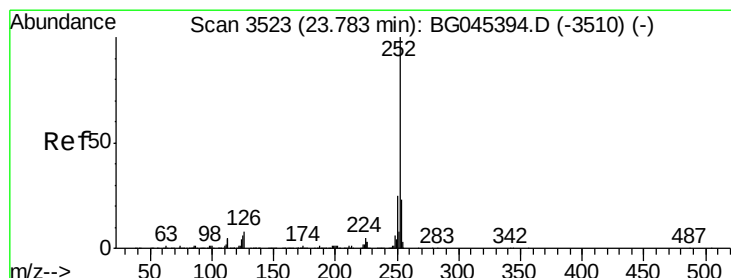
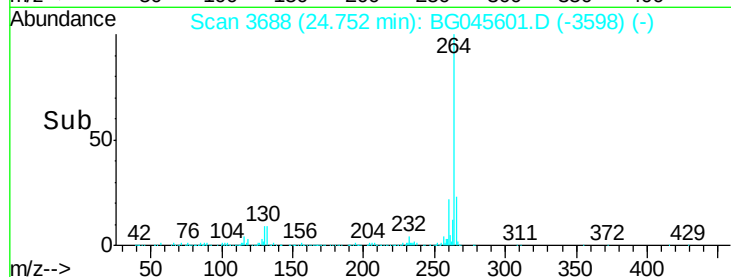
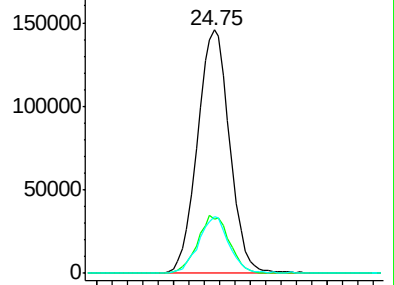
265 23.4 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.591 ng

RT: 23.76 min Scan# 3519

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

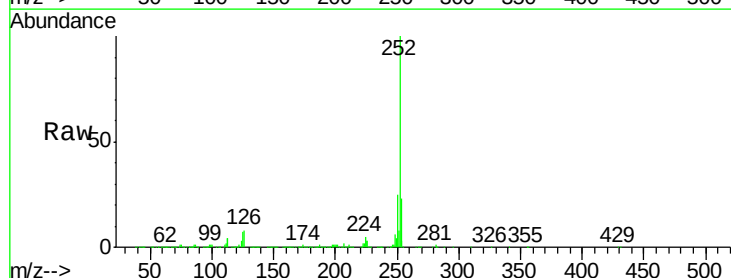
Tgt Ion:252 Resp: 1153607

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

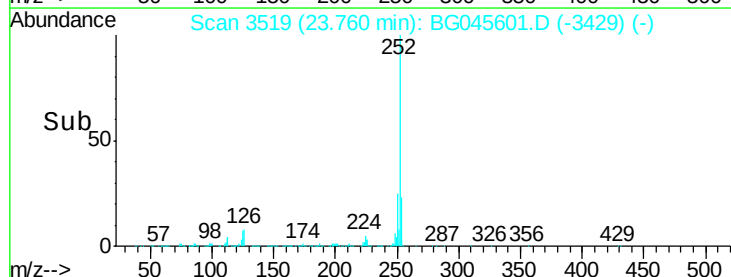
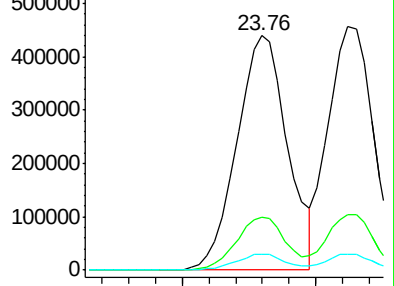
125 7.0 5.0 7.6

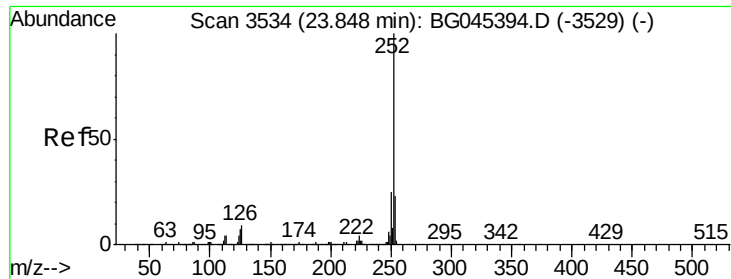


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

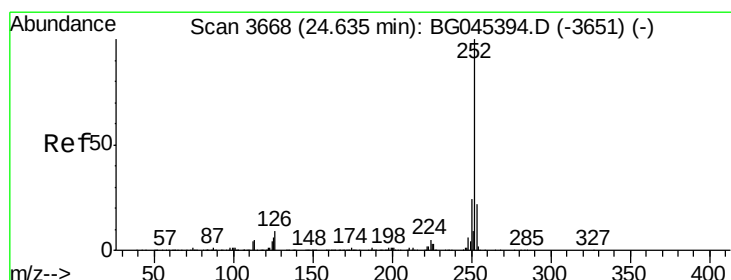
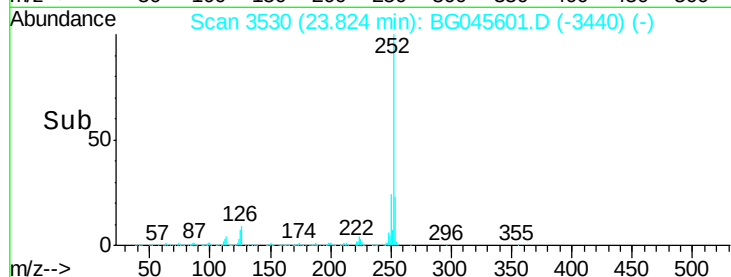
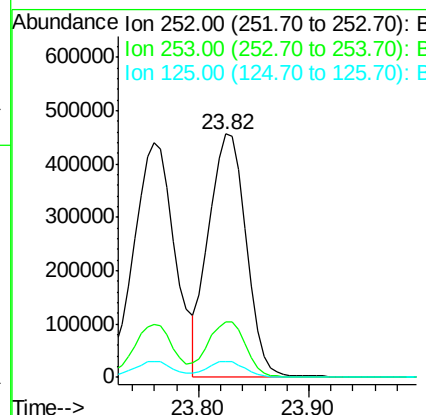
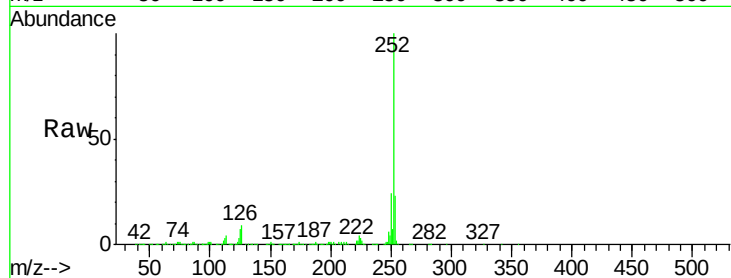




#89
Benzo(k)fluoranthene
Concen: 49.788 ng
RT: 23.82 min Scan# 3530
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

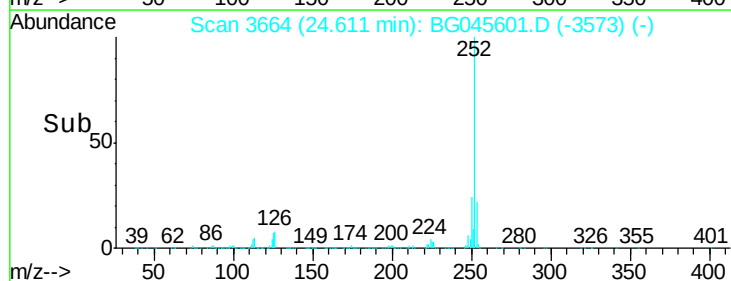
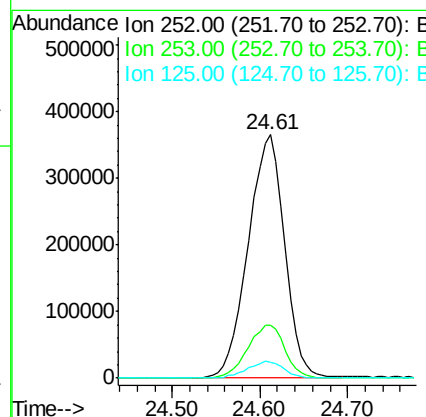
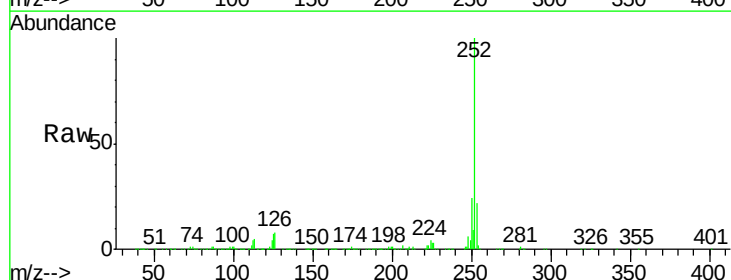
Instrument :
BNA_G
ClientSampleId :

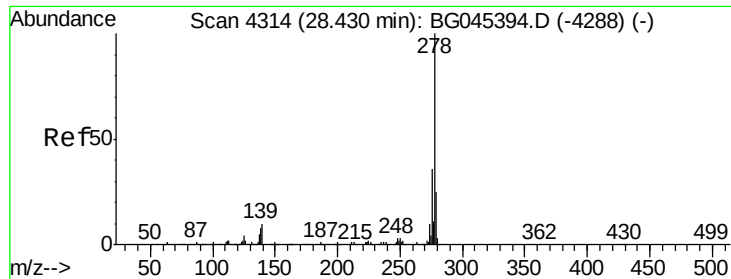
Tot Ion:252 Resp: 1066578
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 6.7 5.7 8.5



#90
Benzo(a)pyrene
Concen: 48.768 ng
RT: 24.61 min Scan# 3664
Delta R.T. 0.01 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion:252 Resp: 1035652
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 6.6 5.0 7.6

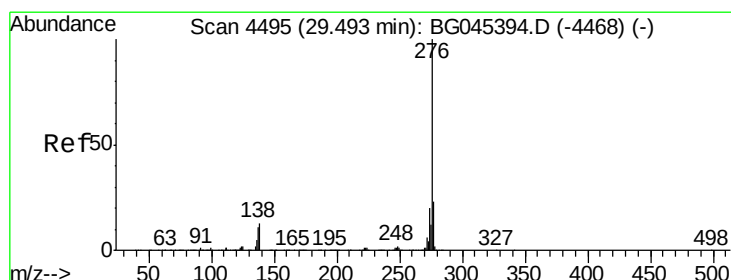
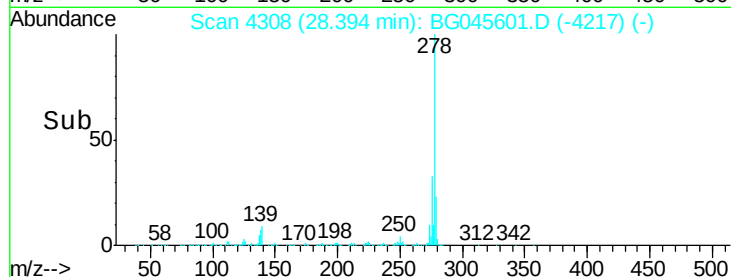
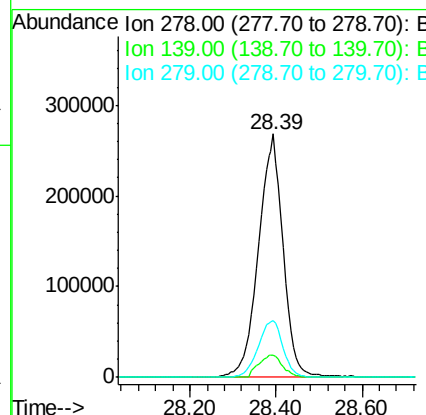
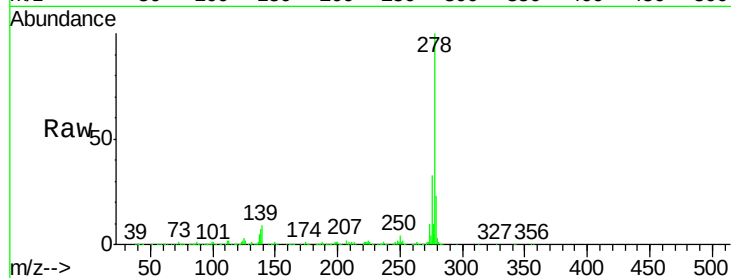




#91
Dibenzo(a,h)anthracene
Concen: 51.212 ng
RT: 28.39 min Scan# 4308
Delta R.T. 0.01 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1092888
Ion Ratio Lower Upper
278 100
139 9.3 7.8 11.8
279 23.1 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 51.762 ng
RT: 29.46 min Scan# 4489
Delta R.T. 0.02 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion:276 Resp: 1104766
Ion Ratio Lower Upper
276 100
277 24.1 18.1 27.1
138 12.3 10.2 15.4

