

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\
 Data File : BG045651.D
 Acq On : 8 Jun 2020 20:56
 Operator : CG/JU
 Sample : L2814-13MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MS

Quant Time: Jun 09 00:50:19 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	59417	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	240149	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	165967	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	388904	20.00	ng	0.00
76) Chrysene-d12	21.61	240	371774	20.00	ng	0.00
87) Perylene-d12	24.75	264	398102	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	470371	154.71	ng	0.00
7) Phenol-d6	7.15	99	592073	136.82	ng	0.00
23) Nitrobenzene-d5	9.12	82	487152	110.62	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	347989	163.95	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1068170	109.17	ng	0.00
79) Terphenyl-d14	19.96	244	1803683	113.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	64869	43.026	ng	# 50
3) Pyridine	3.82	79	129961	30.951	ng	98
4) n-Nitrosodimethylamine	3.72	42	69843	50.831	ng	91
6) Aniline	7.28	93	189970	33.630	ng	97
8) 2-Chlorophenol	7.52	128	186362	55.896	ng	98
9) Benzaldehyde	7.08	77	102027	36.188	ng	99
10) Phenol	7.17	94	213142	47.791	ng	97
11) bis(2-Chloroethyl)ether	7.37	93	177352	50.982	ng	99
12) 1,3-Dichlorobenzene	7.84	146	197205	49.219	ng	98
13) 1,4-Dichlorobenzene	7.98	146	197259	49.888	ng	93
14) 1,2-Dichlorobenzene	8.31	146	189662	49.872	ng	97
15) Benzyl Alcohol	8.19	79	204984	57.342	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.48	45	164438	49.798	ng	96
17) 2-Methylphenol	8.42	107	166581	49.902	ng	95
18) Hexachloroethane	9.03	117	77937	51.465	ng	95
19) n-Nitroso-di-n-propylamine	8.76	70	160855	53.755	ng	97
20) 3+4-Methylphenols	8.75	107	223578	49.184	ng	95
22) Acetophenone	8.78	105	296900	52.163	ng	# 98
24) Nitrobenzene	9.15	77	245191	51.966	ng	96
25) Isophorone	9.68	82	452476	52.171	ng	98
26) 2-Nitrophenol	9.87	139	108752	53.880	ng	98
27) 2,4-Dimethylphenol	9.95	122	179761	60.048	ng	96
28) bis(2-Chloroethoxy)methane	10.16	93	243895	53.623	ng	99
29) 2,4-Dichlorophenol	10.42	162	198257	56.083	ng	96
30) 1,2,4-Trichlorobenzene	10.62	180	218085	52.208	ng	99
31) Naphthalene	10.81	128	587689	52.515	ng	100
32) Benzoic acid	10.12	122	64237	34.985	ng	85
33) 4-Chloroaniline	10.92	127	84291	18.019	ng	96
34) Hexachlorobutadiene	11.10	225	150191	50.865	ng	98
35) Caprolactam	11.71	113	30187	23.264	ng	# 85
36) 4-Chloro-3-methylphenol	12.07	107	228028	57.244	ng	91
37) 2-Methylnaphthalene	12.42	142	444276	53.265	ng	95
38) 1-Methylnaphthalene	12.64	142	417176	52.948	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	253659	54.719	ng	99

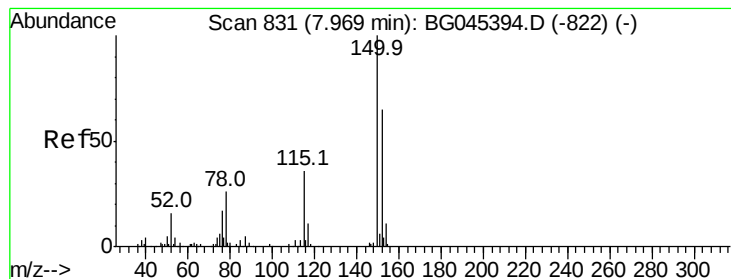
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	265218	99.123	nq	99
43) 2,4,6-Trichlorophenol	13.03	196	175387	54.464	nq	99
44) 2,4,5-Trichlorophenol	13.12	196	182932	49.711	nq	99
46) 1,1'-Biphenyl	13.43	154	569891	55.883	nq	98
47) 2-Chloronaphthalene	13.47	162	433471	52.345	nq	99
48) 2-Nitroaniline	13.68	65	145627	53.460	nq	91
49) Acenaphthylene	14.32	152	710612	53.423	nq	99
50) Dimethylphthalate	14.05	163	745483	65.478	nq	97
51) 2,6-Dinitrotoluene	14.17	165	136112	52.981	nq	98
52) Acenaphthene	14.66	154	426315	47.880	nq	97
53) 3-Nitroaniline	14.50	138	86397	33.082	nq	89
54) 2,4-Dinitrophenol	14.72	184	155667	91.645	nq	98
55) Dibenzofuran	15.00	168	697666	52.764	nq	97
56) 4-Nitrophenol	14.85	139	158541	80.184	nq	84
57) 2,4-Dinitrotoluene	14.96	165	192408	51.713	nq	98
58) Fluorene	15.64	166	577722	53.184	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.23	232	174010	53.748	nq	98
60) Diethylphthalate	15.41	149	613781	51.795	nq	99
61) 4-Chlorophenyl-phenylether	15.64	204	320954	51.633	nq	97
62) 4-Nitroaniline	15.67	138	137251	50.342	nq	93
63) Azobenzene	15.93	77	589697	53.368	nq	99
65) 4,6-Dinitro-2-methylphenol	15.73	198	123645	54.590	nq	97
66) n-Nitrosodiphenylamine	15.85	169	511069	54.733	nq	98
67) 4-Bromophenyl-phenylether	16.53	248	223723	53.126	nq	99
68) Hexachlorobenzene	16.66	284	241527	54.836	nq	98
69) Atrazine	16.81	200	196056	50.976	nq	97
70) Pentachlorophenol	17.01	266	237980	104.057	nq	98
71) Phenanthrene	17.39	178	924335	54.444	nq	99
72) Anthracene	17.48	178	936308	54.916	nq	97
73) Carbazole	17.75	167	873617	52.566	nq	98
74) Di-n-butylphthalate	18.31	149	1053159	52.797	nq	100
75) Fluoranthene	19.40	202	1160988	53.762	nq	99
77) Benzidine	19.57	184	320445	30.690	nq	98
78) Pyrene	19.76	202	1166514	55.043	nq	99
80) Butylbenzylphthalate	20.65	149	474986	51.926	nq	99
81) Benzo(a)anthracene	21.58	228	1121575	54.155	nq	100
82) 3,3'-Dichlorobenzidine	21.50	252	283132	34.852	nq	97
83) Chrysene	21.65	228	1075459	54.006	nq	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	668228	53.142	nq	98
85) Di-n-octyl phthalate	22.68	149	1108478	51.326	nq	100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1382740	53.099	nq	98
88) Benzo(b)fluoranthene	23.76	252	1197143	56.070	nq	99
89) Benzo(k)fluoranthene	23.83	252	1126308	56.151	nq	98
90) Benzo(a)pyrene	24.60	252	1069662	53.794	nq	98
91) Dibenzo(a,h)anthracene	28.38	278	1142347	57.169	nq	98
92) Benzo(g,h,i)perylene	29.44	276	1150267	57.558	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.00 min

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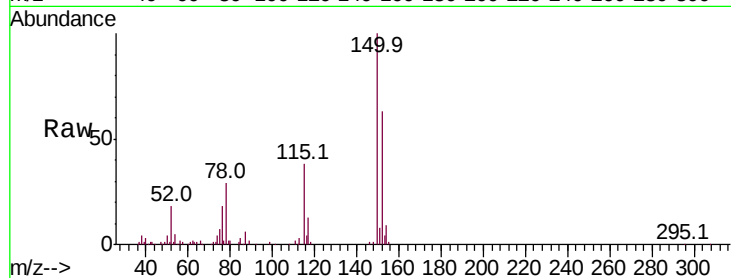
Tot Ion:152 Resp: 59417

Ion Ratio Lower Upper

152 100

150 159.9 122.4 183.6

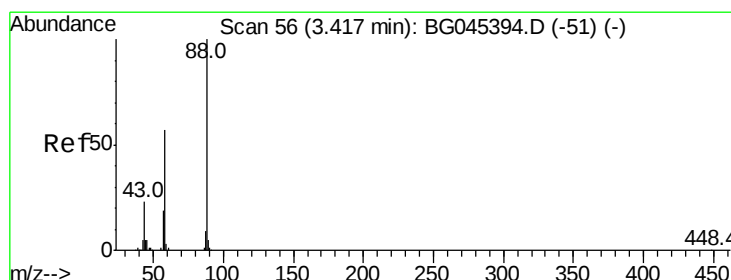
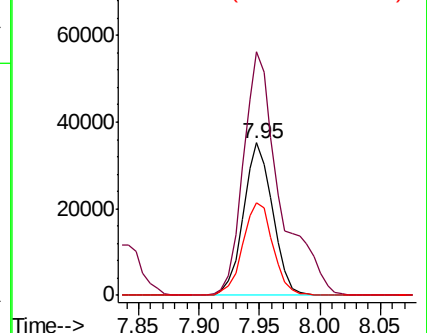
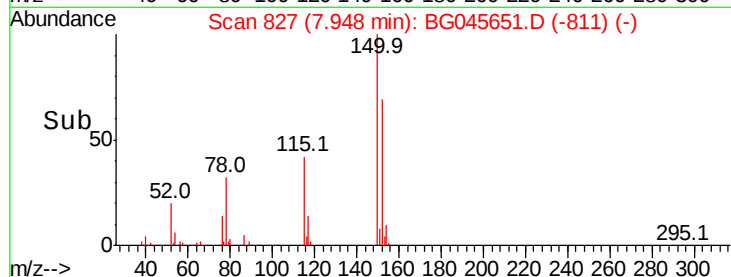
115 60.7 44.2 66.4



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: 43.026 ng

RT: 3.41 min Scan# 55

Delta R.T. 0.01 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

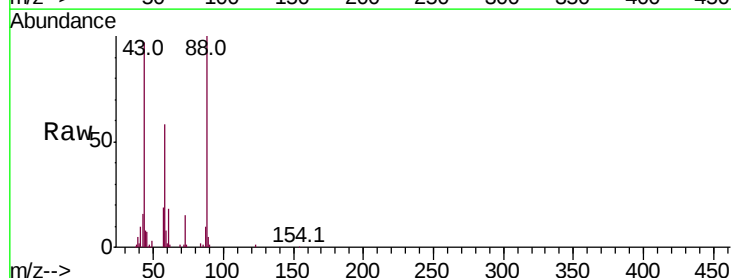
Tgt Ion: 88 Resp: 64869

Ion Ratio Lower Upper

88 100

58 60.2 45.7 68.5

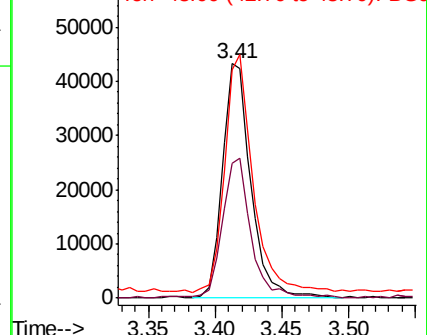
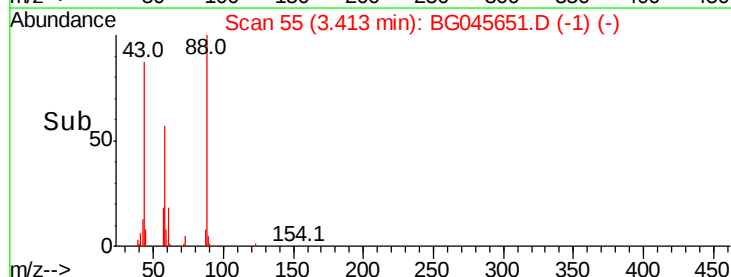
43 102.0 16.8 25.2#

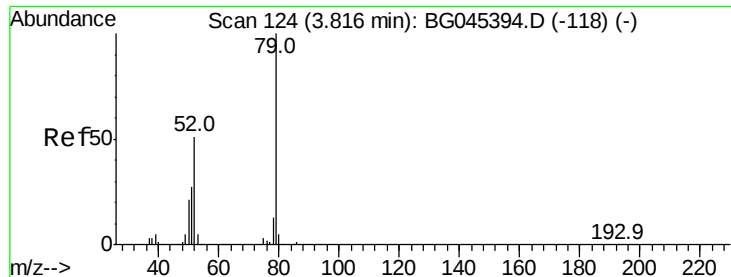


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.951 ng

RT: 3.82 min Scan# 125

Delta R.T. 0.02 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

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PL-01-060320MS

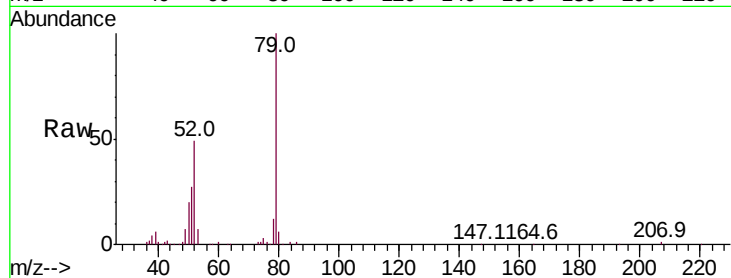
Tot Ion: 79 Resp: 129961

Ion Ratio Lower Upper

79 100

52 49.4 40.8 61.2

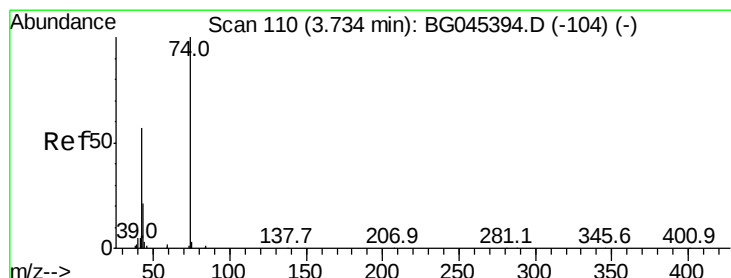
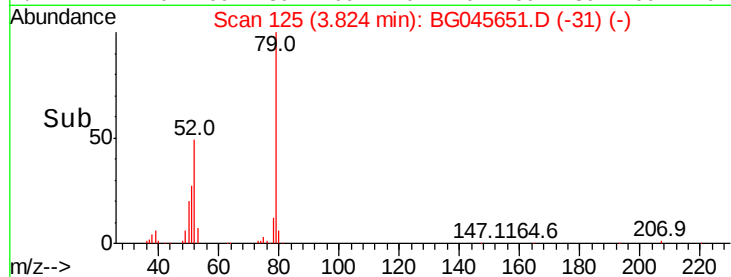
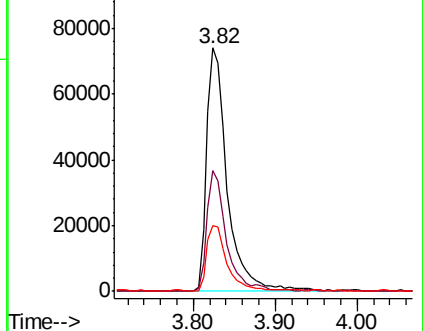
51 27.0 21.9 32.9



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: 50.831 ng

RT: 3.72 min Scan# 108

Delta R.T. 0.01 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

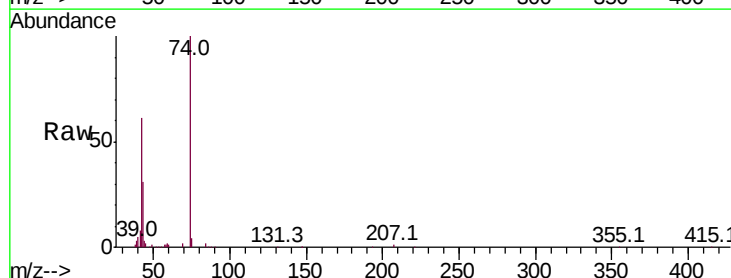
Tgt Ion: 42 Resp: 69843

Ion Ratio Lower Upper

42 100

74 163.6 141.3 211.9

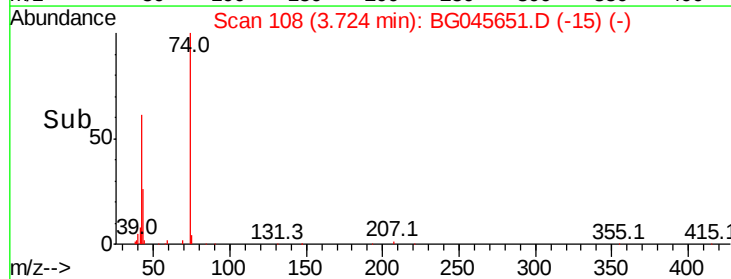
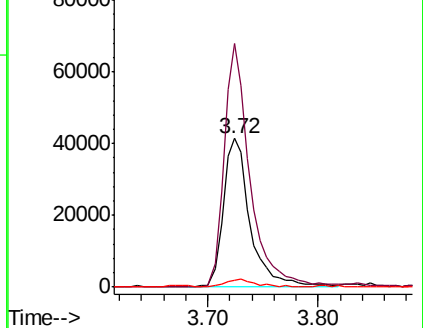
44 4.7 4.2 6.4

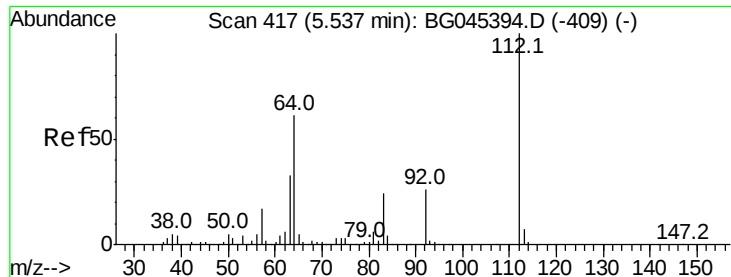


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 154.711 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

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ClientSampleId :

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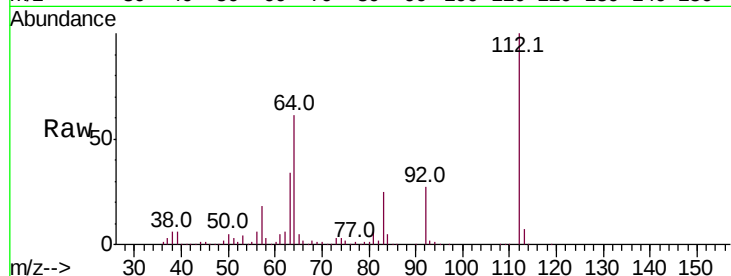
Tot Ion:112 Resp: 470371

Ion Ratio Lower Upper

112 100

64 61.0 48.6 72.8

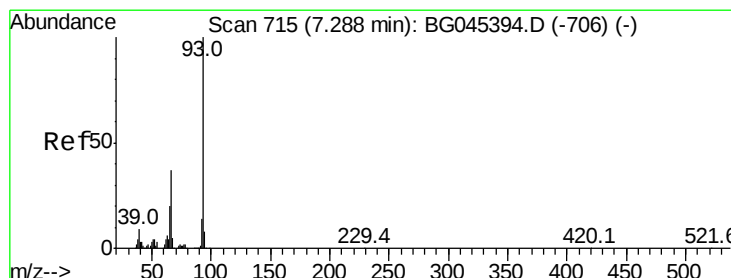
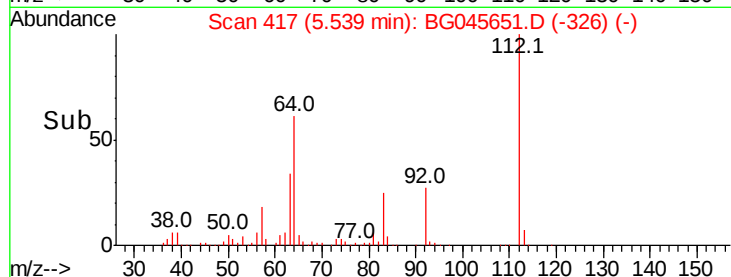
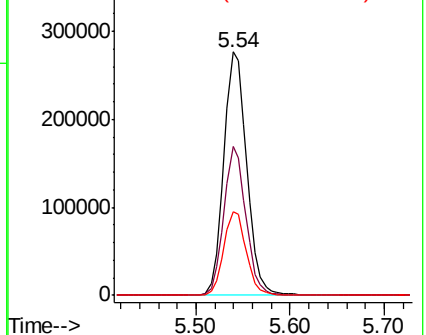
63 34.3 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.630 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

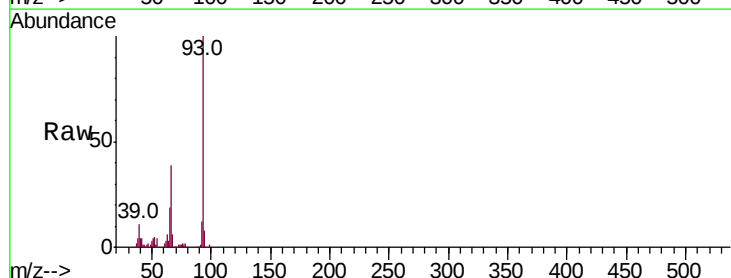
Tgt Ion: 93 Resp: 189970

Ion Ratio Lower Upper

93 100

66 39.3 29.6 44.4

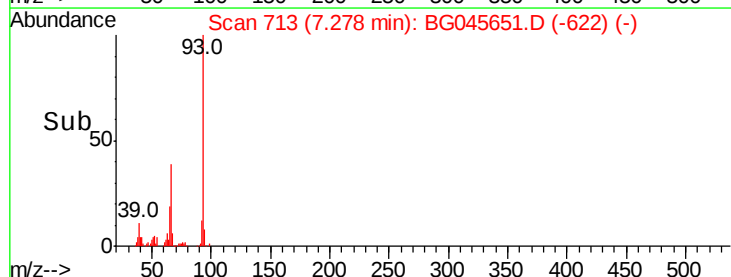
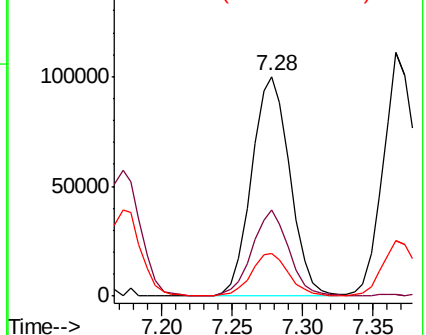
65 19.4 15.9 23.9

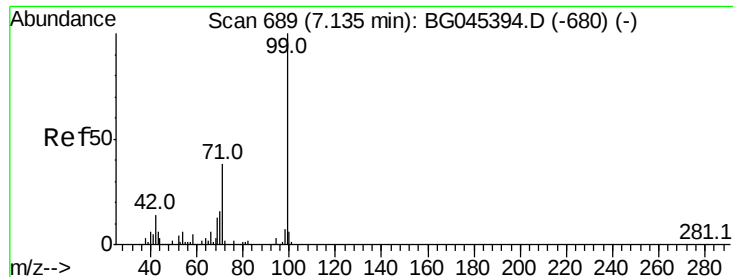


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 136.823 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045651.D

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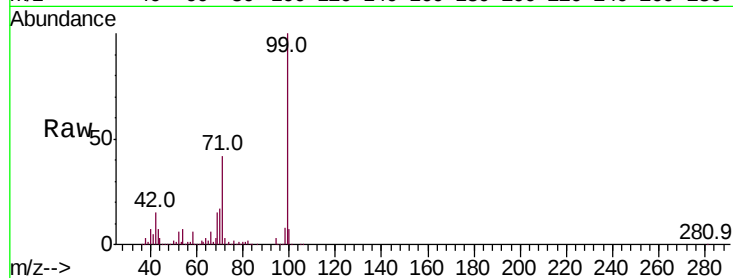
Tot Ion: 99 Resp: 592073

Ion Ratio Lower Upper

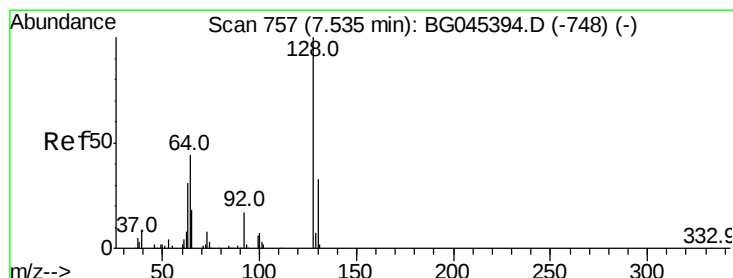
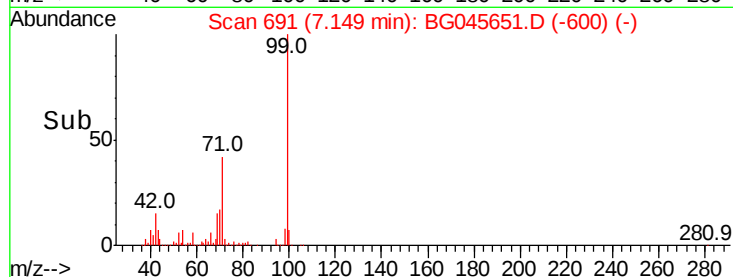
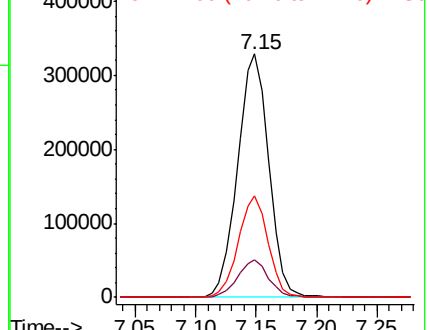
99 100

42 15.4 11.3 16.9

71 41.5 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: 55.896 ng

RT: 7.52 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

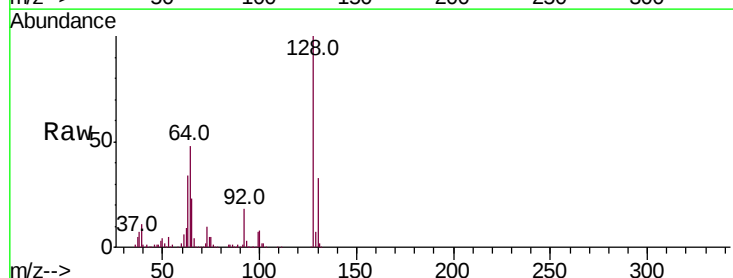
Tgt Ion: 128 Resp: 186362

Ion Ratio Lower Upper

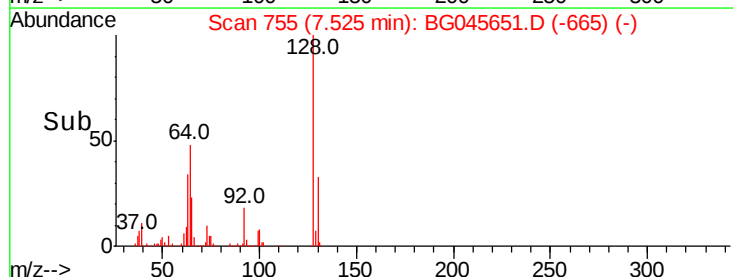
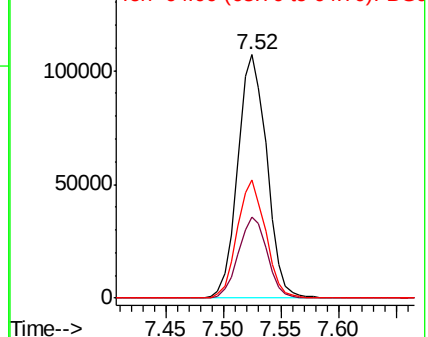
128 100

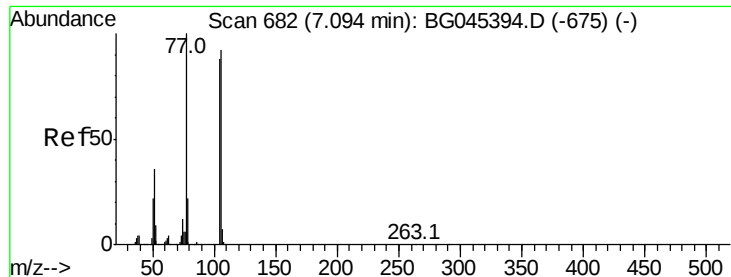
130 33.5 12.6 52.6

64 48.5 27.0 67.0



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





#9

Benzaldehyde

Concen: 36.188 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

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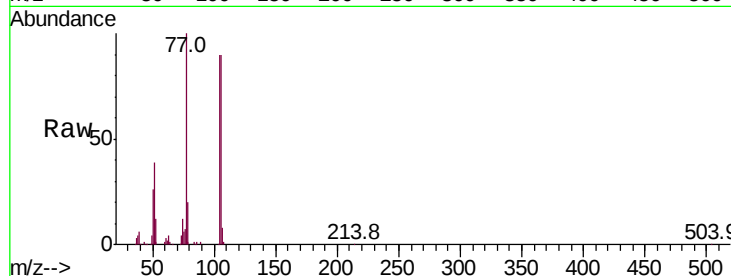
Tot Ion: 77 Resp: 102027

Ion Ratio Lower Upper

77 100

105 89.6 68.5 108.5

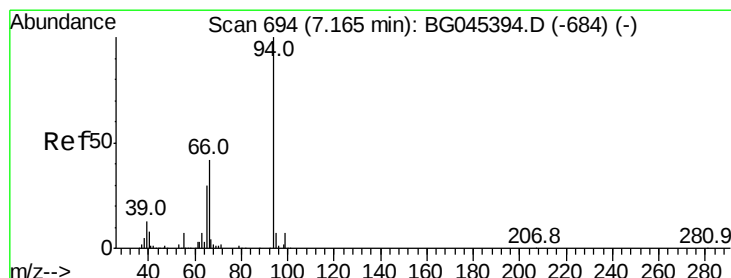
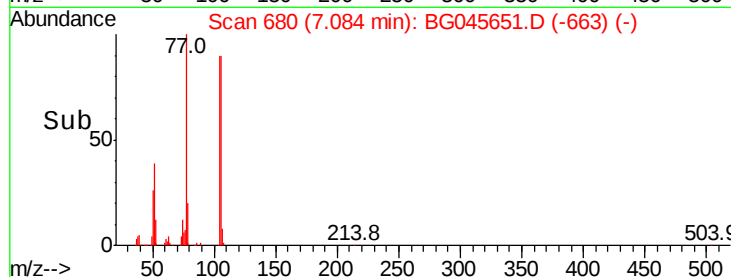
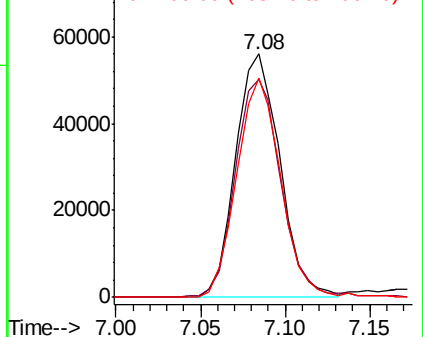
106 90.3 71.6 111.6



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: 47.791 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

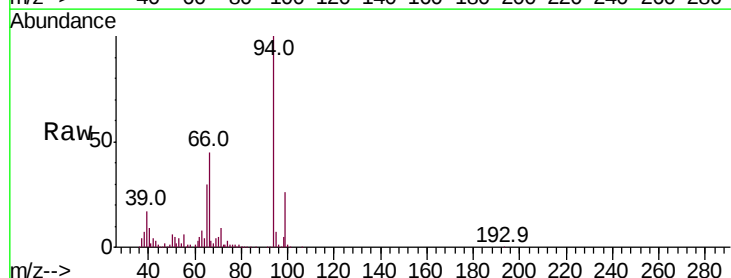
Tgt Ion: 94 Resp: 213142

Ion Ratio Lower Upper

94 100

65 30.3 9.8 49.8

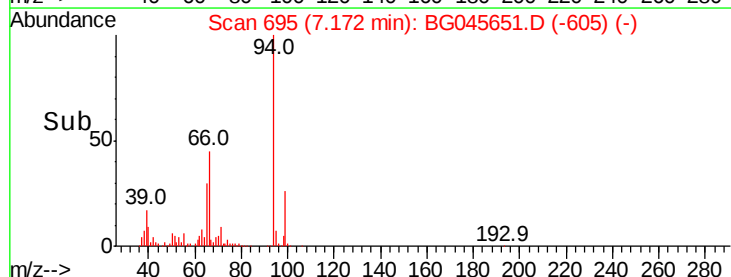
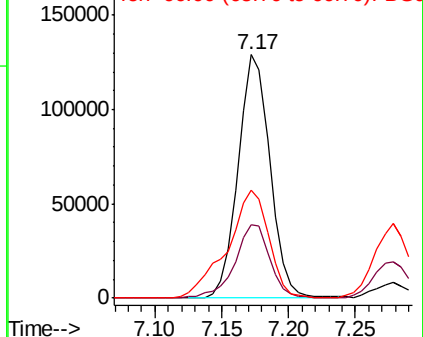
66 44.5 22.0 62.0

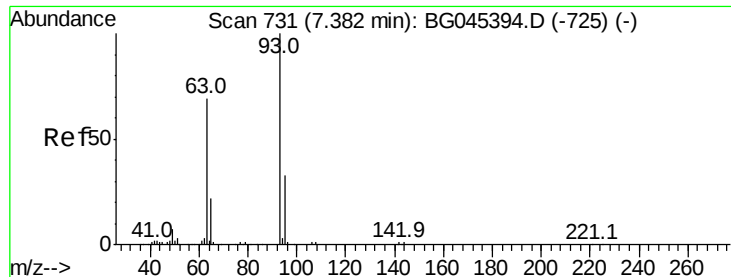


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

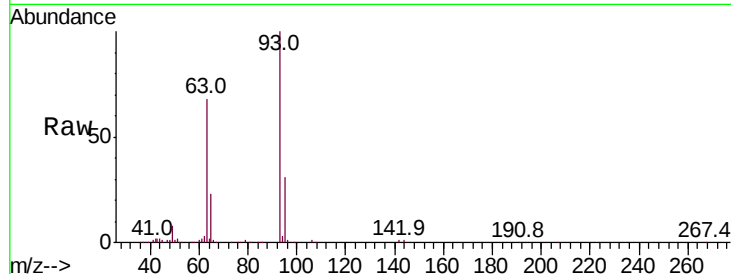




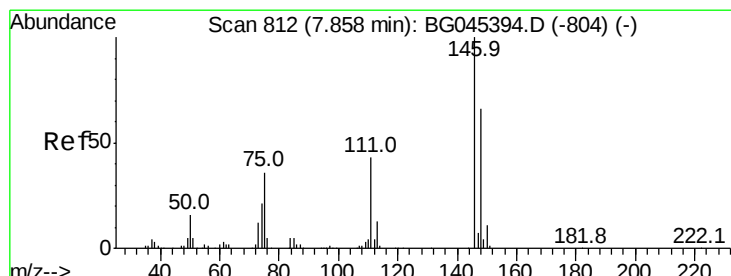
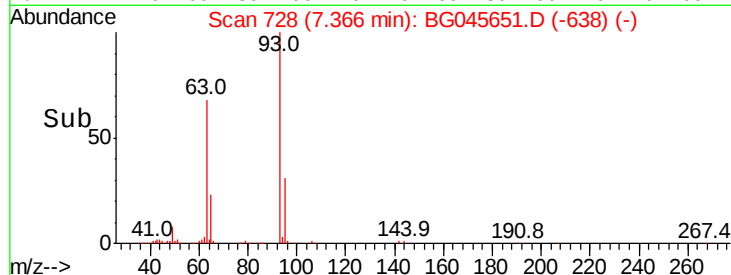
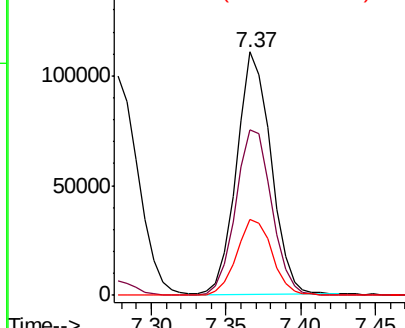
#11
bis(2-Chloroethyl)ether
Concen: 50.982 ng
RT: 7.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.0	48.4	88.4
95	31.0	12.4	52.4

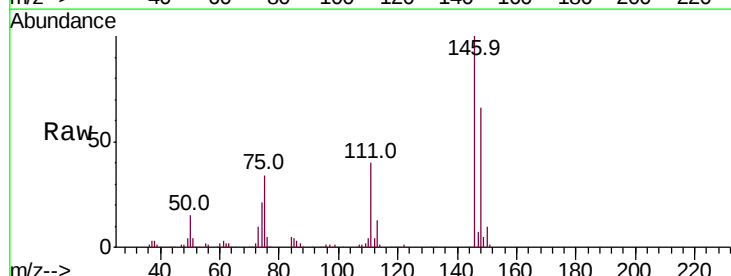


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

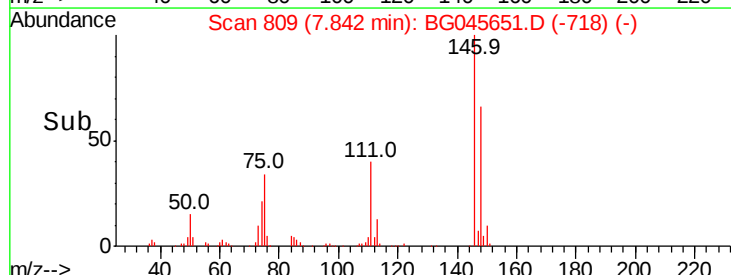
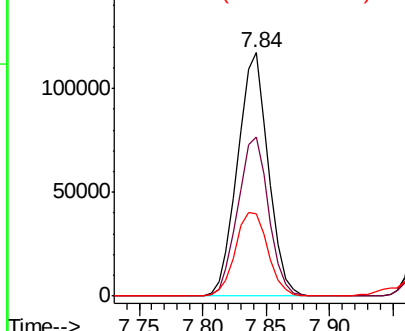


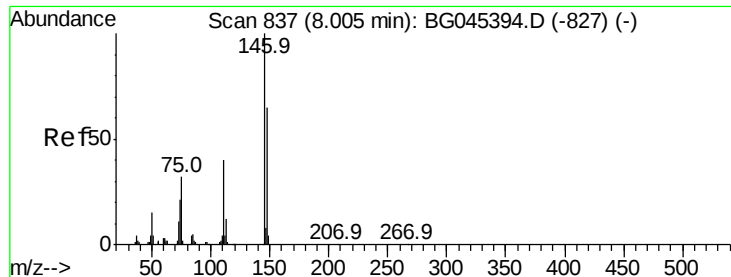
#12
1,3-Dichlorobenzene
Concen: 49.219 ng
RT: 7.84 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	53.2	79.8
75	34.1	28.6	43.0



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

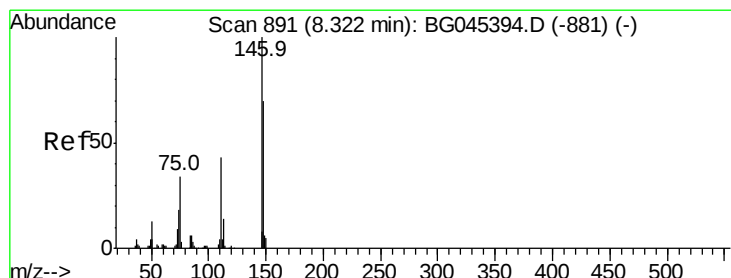
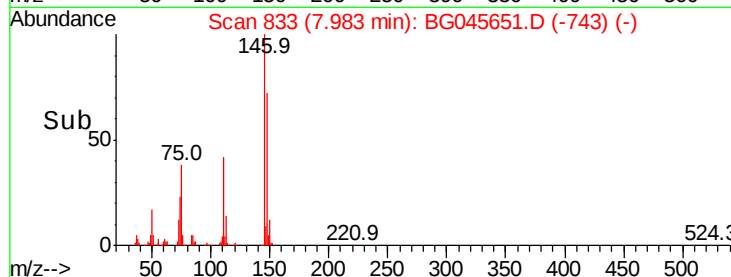
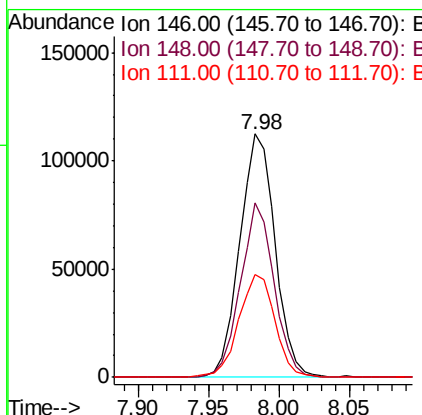
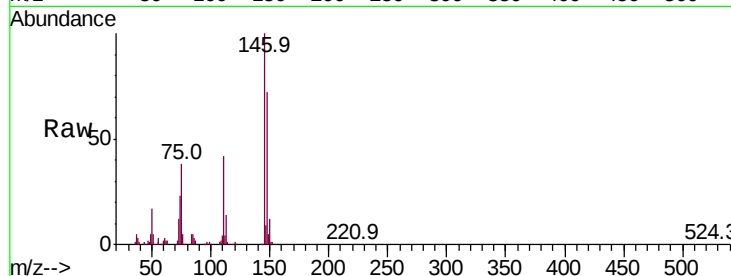




#13
1,4-Dichlorobenzene
Concen: 49.888 ng
RT: 7.98 min Scan# 833
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

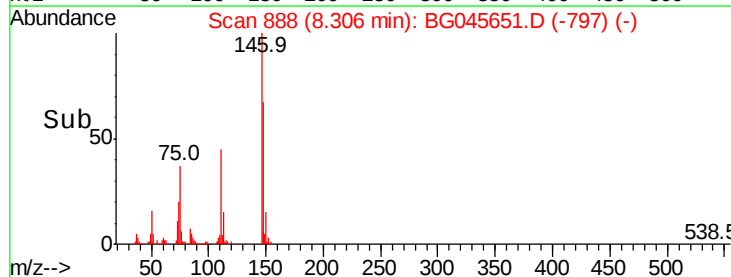
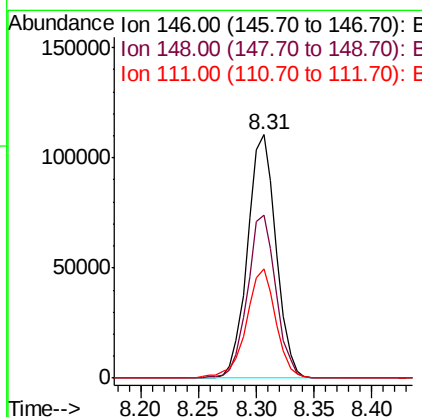
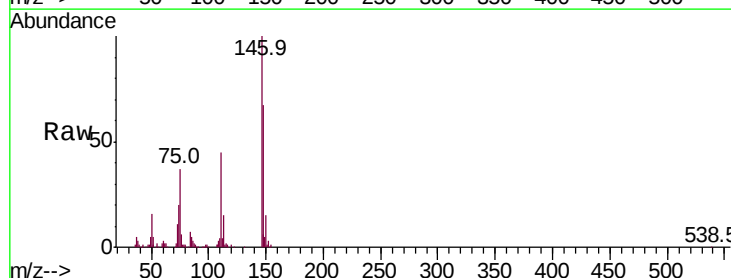
Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

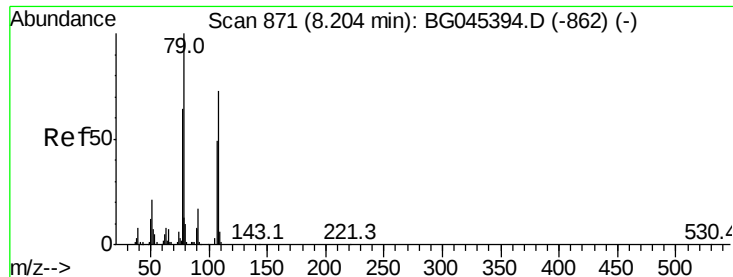
Tot Ion:146 Resp: 197259
Ion Ratio Lower Upper
146 100
148 71.6 51.8 77.8
111 42.3 32.1 48.1



#14
1,2-Dichlorobenzene
Concen: 49.872 ng
RT: 8.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion:146 Resp: 189662
Ion Ratio Lower Upper
146 100
148 67.0 55.9 83.9
111 44.7 35.0 52.4





#15

Benzyl Alcohol

Concen: 57.342 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MS

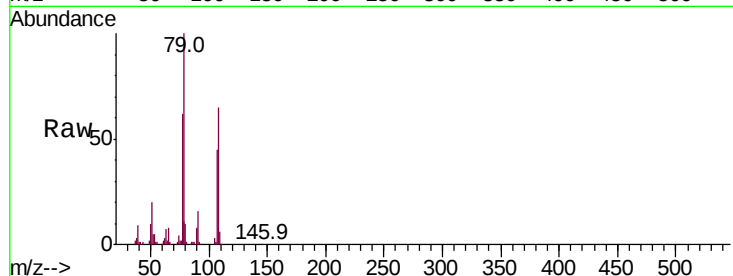
Tot Ion: 79 Resp: 204984

Ion Ratio Lower Upper

79 100

108 64.5 58.2 87.4

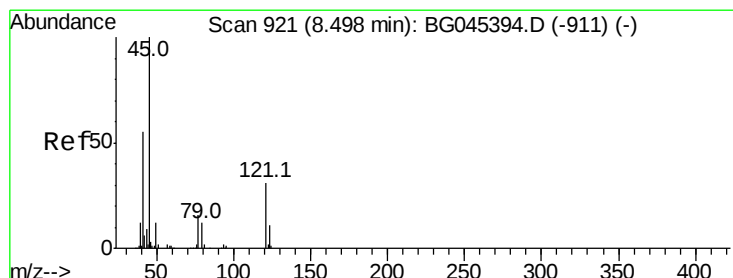
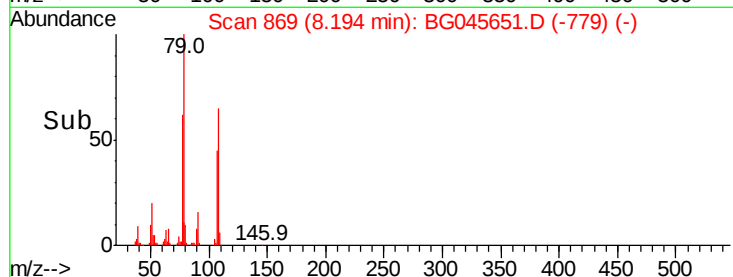
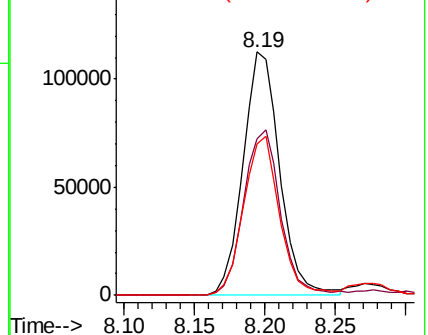
77 62.4 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.798 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

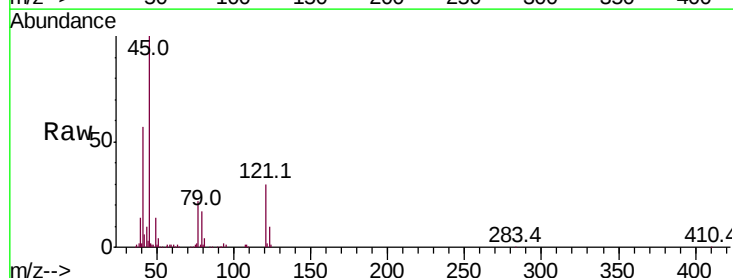
Tgt Ion: 45 Resp: 164438

Ion Ratio Lower Upper

45 100

77 22.4 4.0 44.0

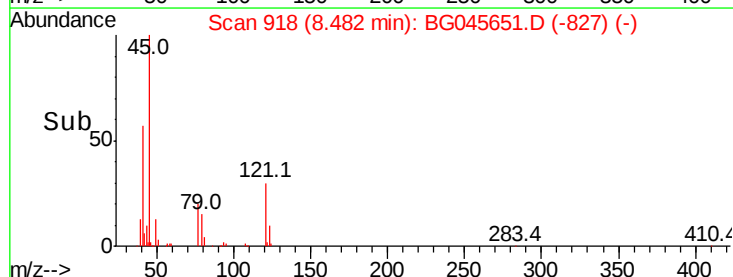
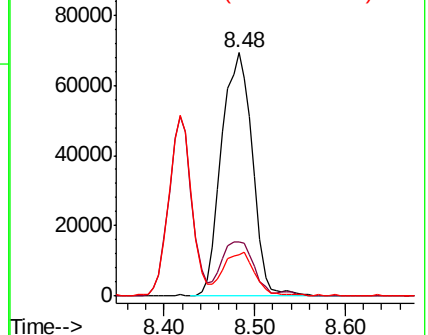
79 16.9 0.0 38.6

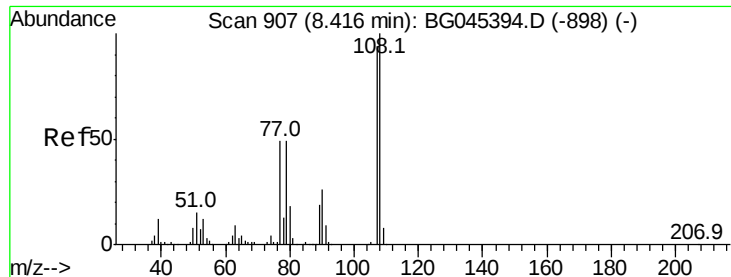


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

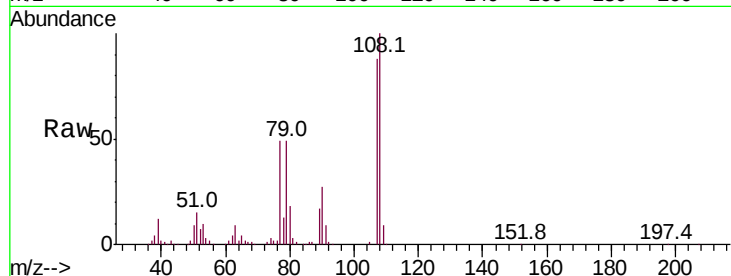




#17
2-Methylphenol
Concen: 49.902 ng
RT: 8.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.1	85.2	127.8
77	54.9	41.6	62.4
79	55.4	41.8	62.8



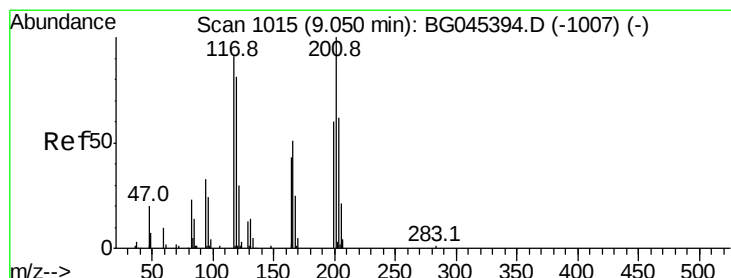
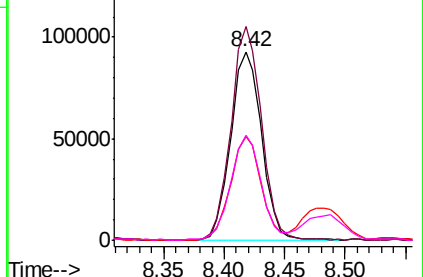
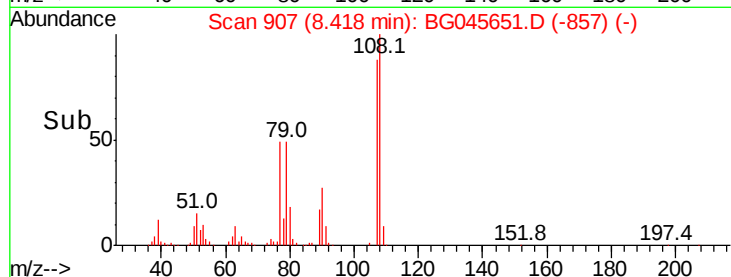
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

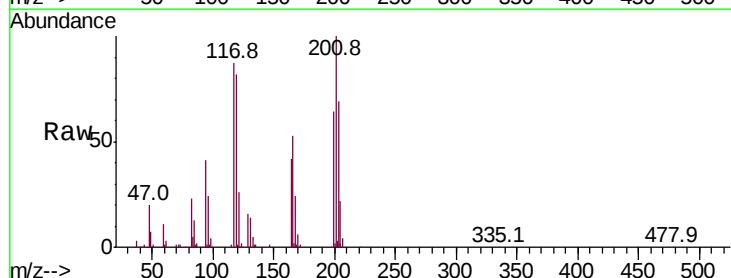
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 51.465 ng
RT: 9.03 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	71.3	106.9
201	114.3	87.5	131.3

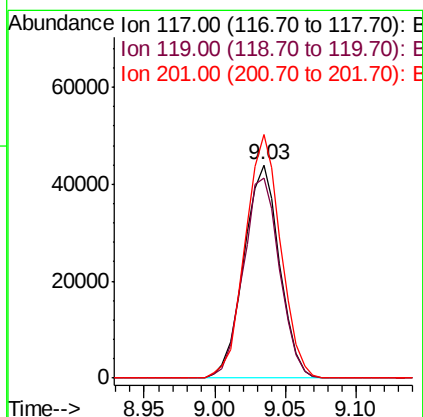
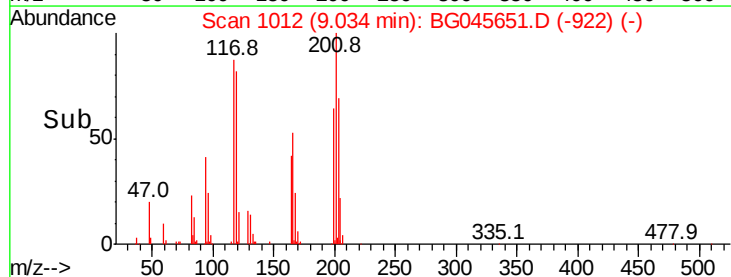


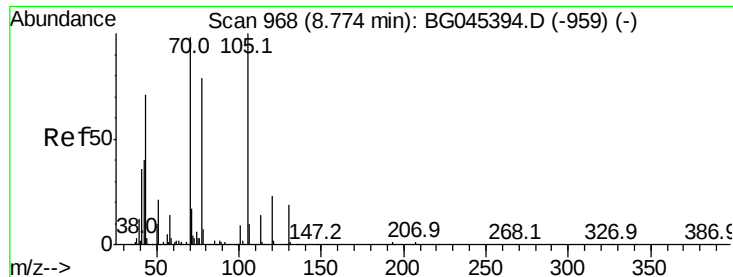
Abundance

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

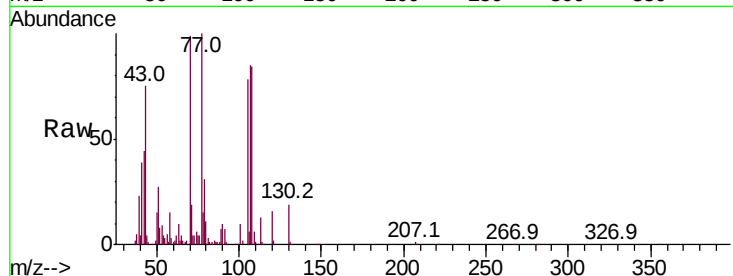




#19
n-Nitroso-di-n-propylamine
Concen: 53.755 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tot Ion:	70	Resp:	160855
Ion	Ratio	Lower	Upper
70	100		
42	44.8	33.2	49.8
101	10.1	7.8	11.6
130	18.9	15.4	23.2



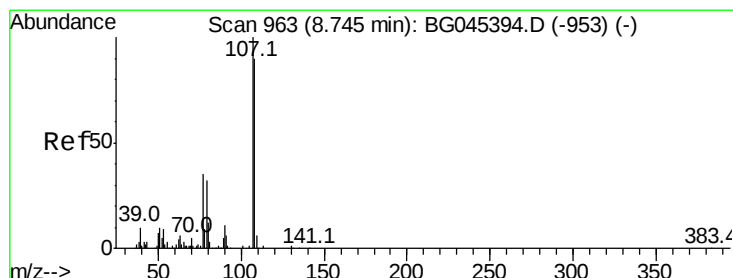
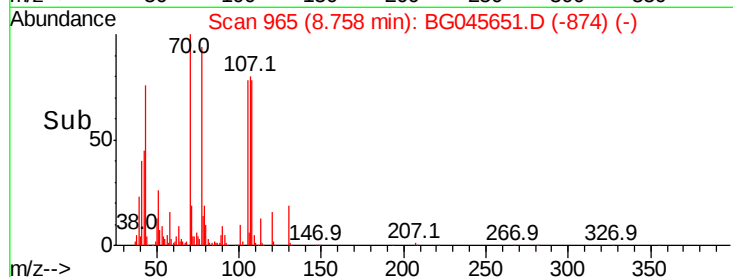
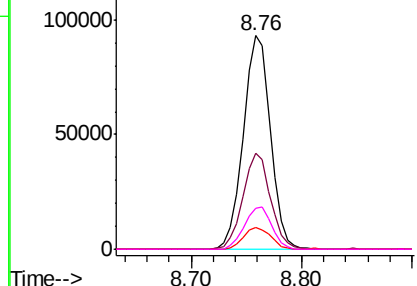
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

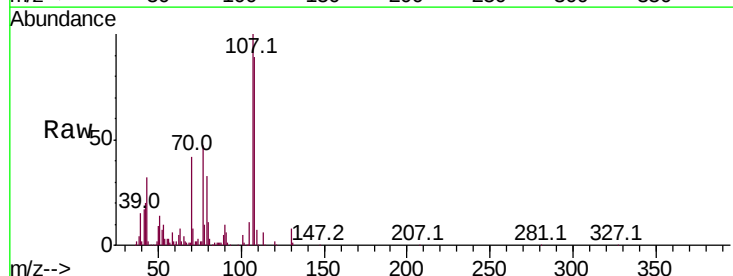
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 49.184 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion:	107	Resp:	223578
Ion	Ratio	Lower	Upper
107	100		
108	88.8	70.3	110.3
77	46.7	15.4	55.4
79	32.8	12.6	52.6



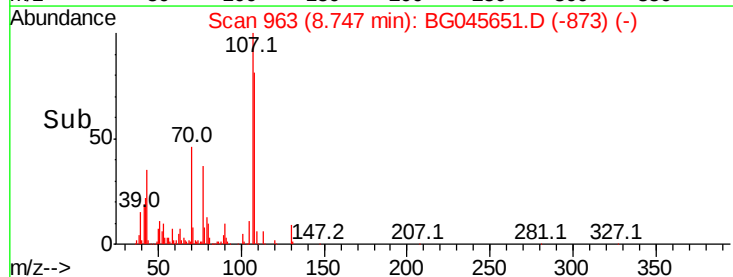
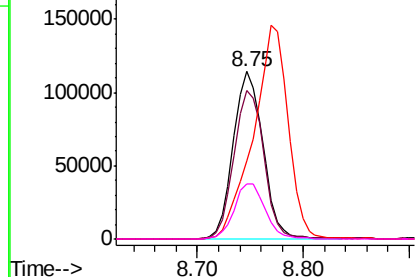
Abundance

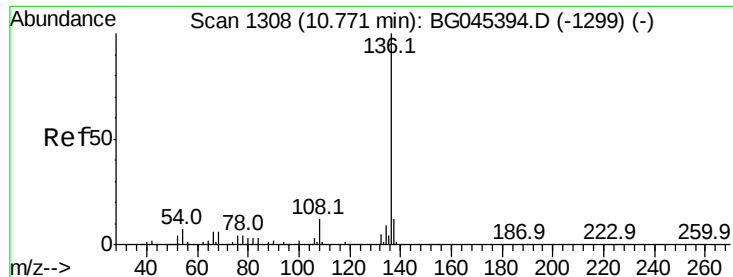
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MS

Tot Ion:136 Resp: 240149

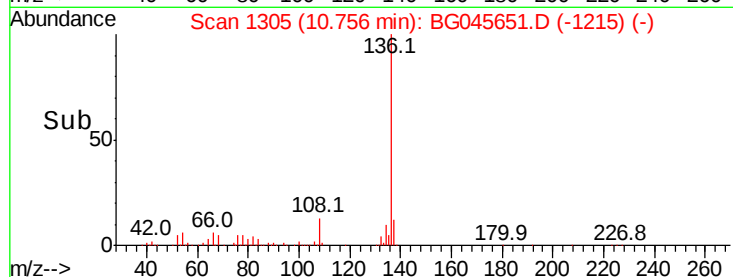
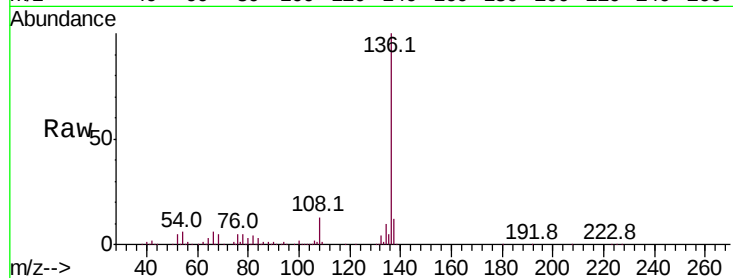
Ion Ratio Lower Upper

136 100

137 11.5 9.4 14.2

54 5.9 5.8 8.6

68 4.8 4.5 6.7



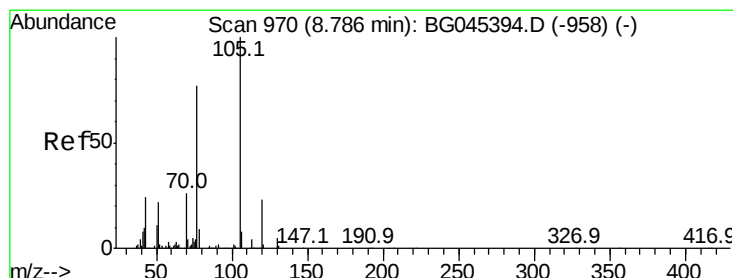
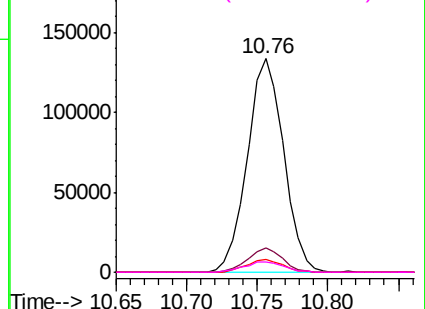
Abundance

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: 52.163 ng

RT: 8.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Tgt Ion:105 Resp: 296900

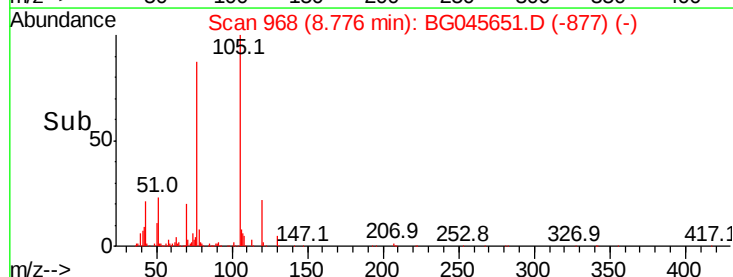
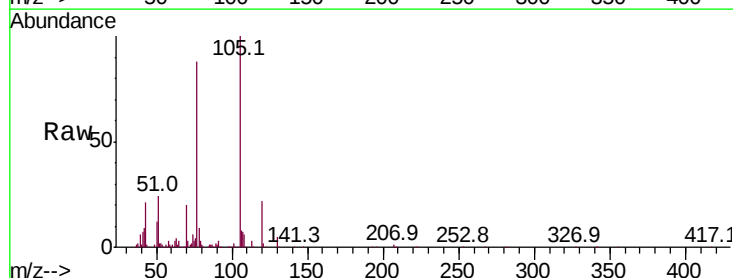
Ion Ratio Lower Upper

105 100

71 2.9 3.4 5.0#

51 23.8 18.2 27.2

120 22.3 18.6 27.8



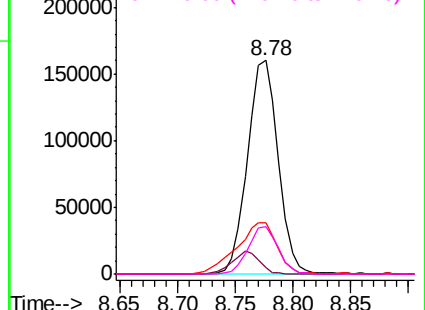
Abundance

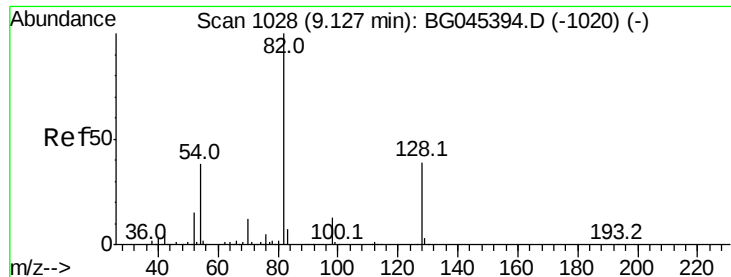
Ion 105.00 (104.70 to 105.70): E

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

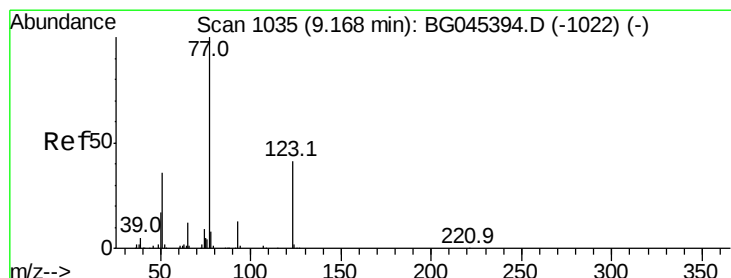
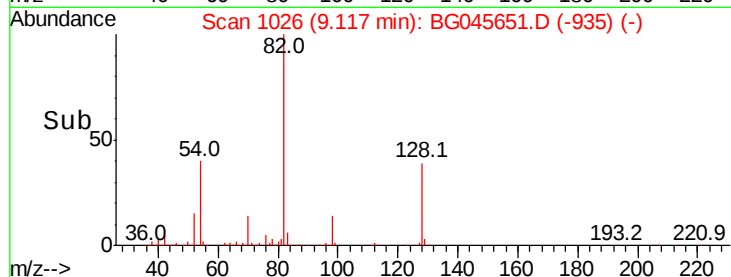
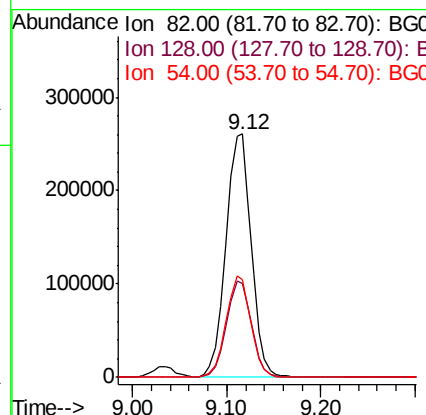
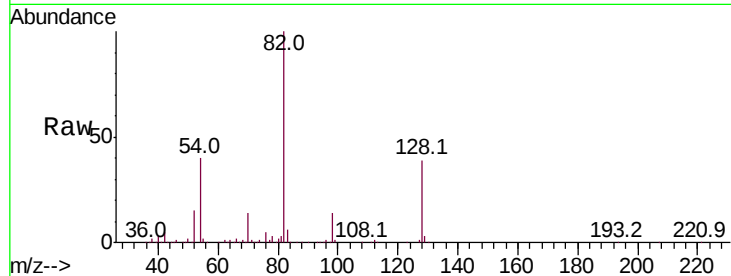




#23
 Nitrobenzene-d5
 Concen: 110.620 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG045651.D
 Acq: 8 Jun 2020 20:56

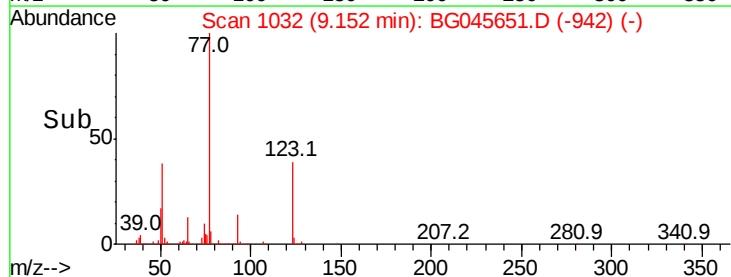
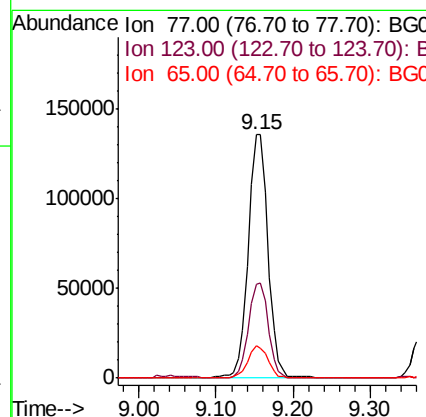
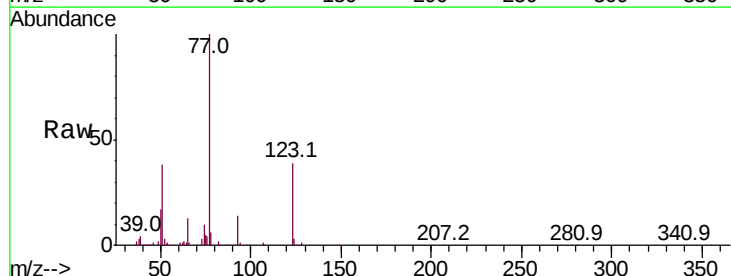
Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MS

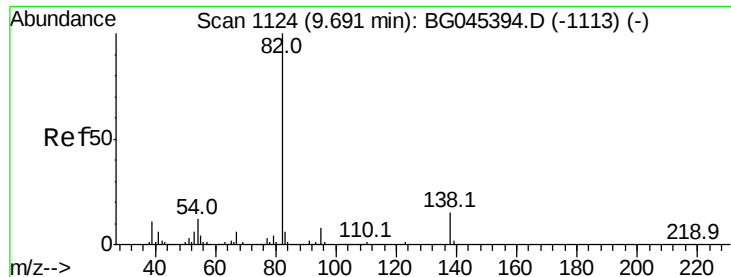
Tot Ion	82	Resp	487152
Ion	Ratio	Lower	Upper
82	100		
128	38.6	30.9	46.3
54	39.9	30.3	45.5



#24
 Nitrobenzene
 Concen: 51.966 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG045651.D
 Acq: 8 Jun 2020 20:56

Tgt Ion	77	Resp	245191
Ion	Ratio	Lower	Upper
77	100		
123	38.6	32.9	49.3
65	13.1	9.4	14.2





#25

Isophorone

Concen: 52.171 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MS

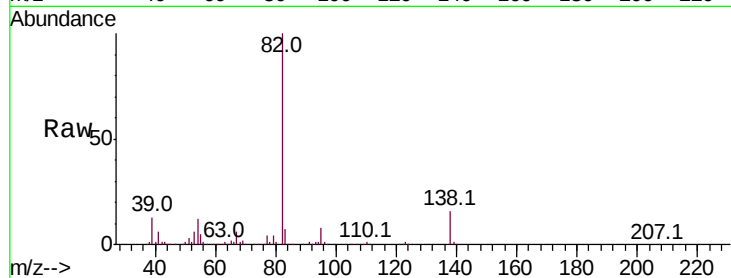
Tot Ion: 82 Resp: 452476

Ion Ratio Lower Upper

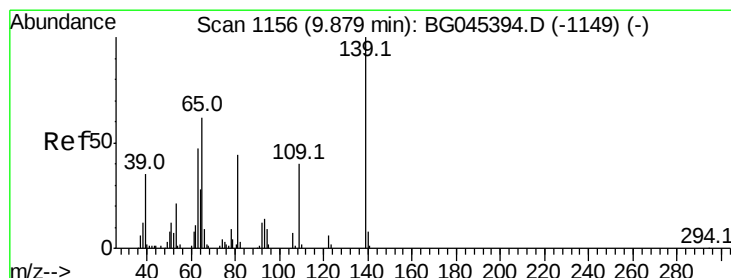
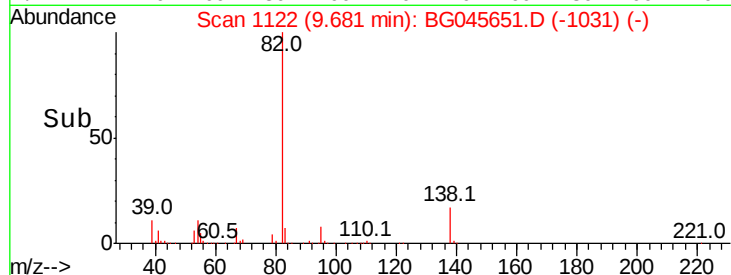
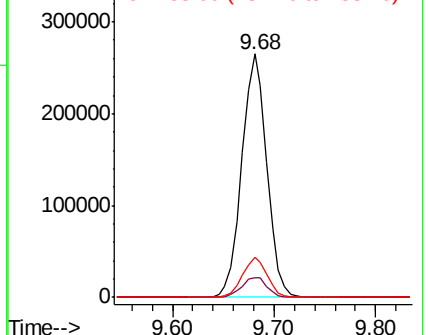
82 100

95 8.1 6.7 10.1

138 16.3 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: 53.880 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

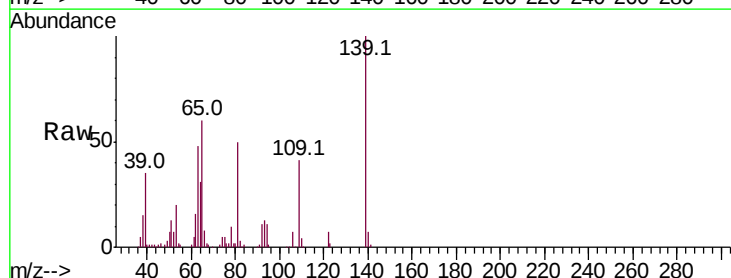
Tgt Ion: 139 Resp: 108752

Ion Ratio Lower Upper

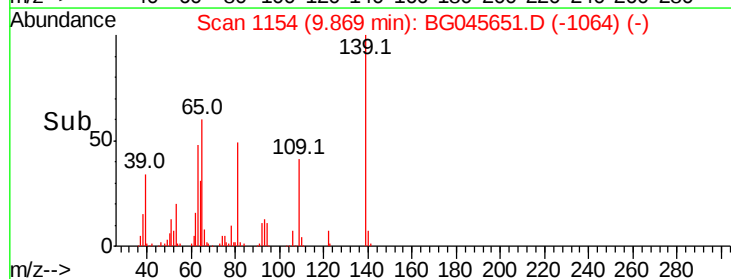
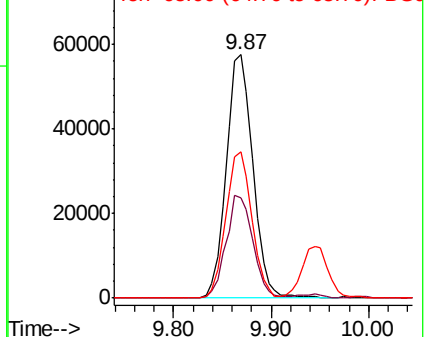
139 100

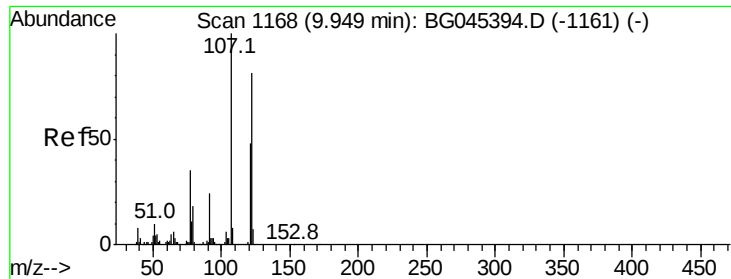
109 41.4 32.2 48.4

65 60.1 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

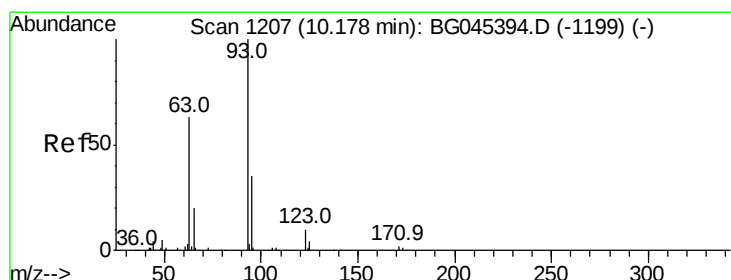
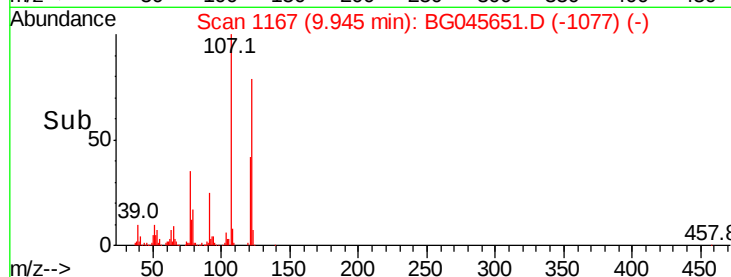
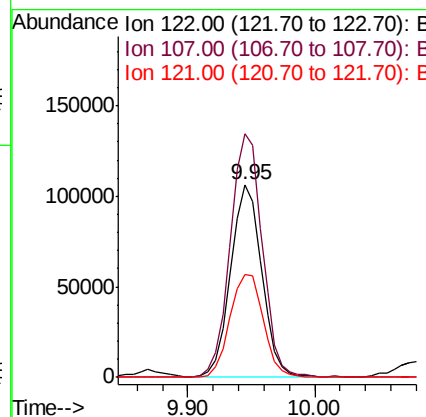
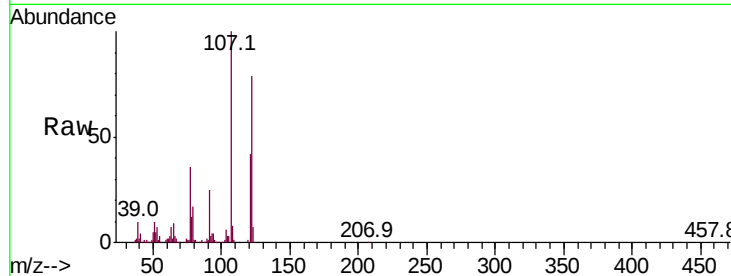




#27
2,4-Dimethylphenol
Concen: 60.048 ng
RT: 9.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

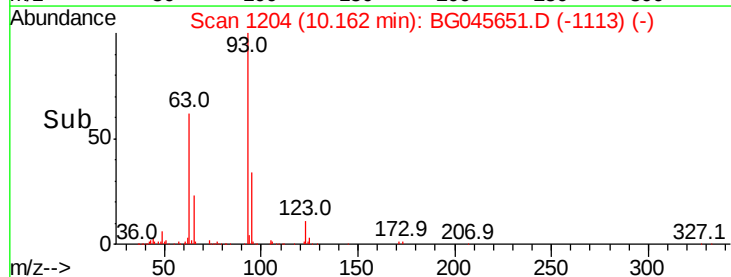
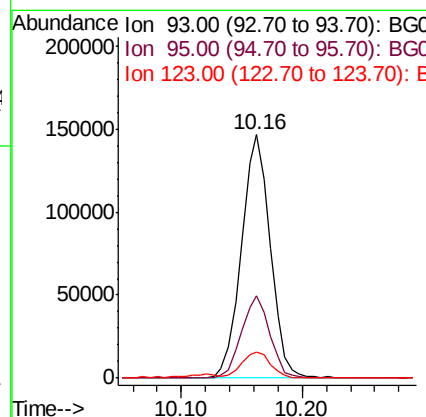
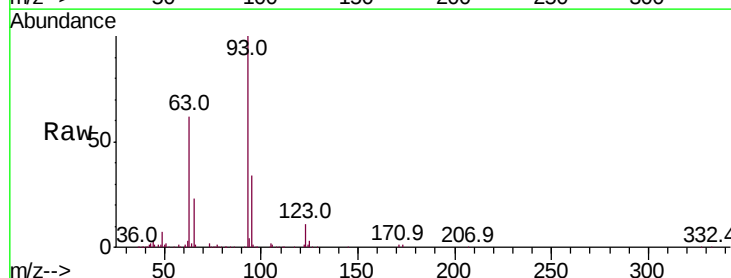
Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

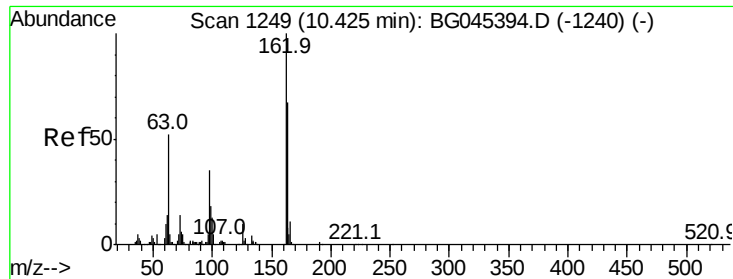
Tot Ion:122 Resp: 179761
Ion Ratio Lower Upper
122 100
107 126.3 99.0 148.4
121 53.6 47.7 71.5



#28
bis(2-Chloroethoxy)methane
Concen: 53.623 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion: 93 Resp: 243895
Ion Ratio Lower Upper
93 100
95 34.0 27.6 41.4
123 10.7 8.1 12.1

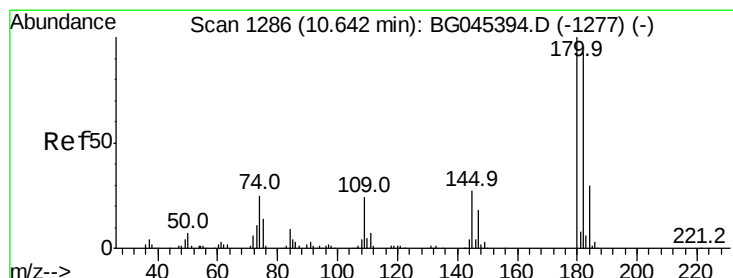
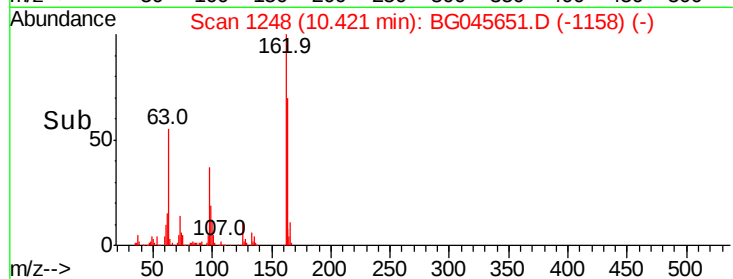
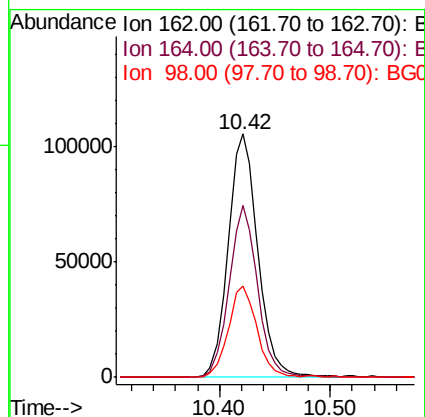
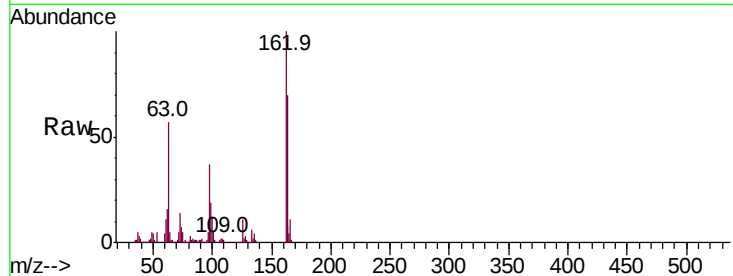




#29
2,4-Dichlorophenol
Concen: 56.083 ng
RT: 10.42 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

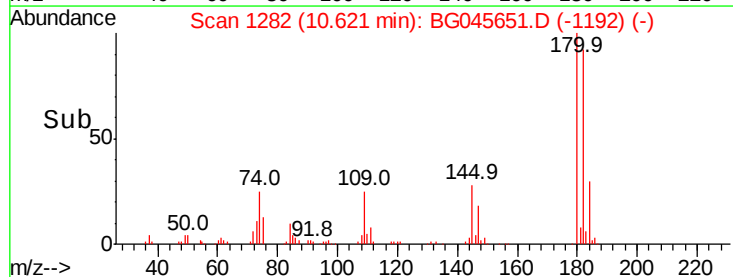
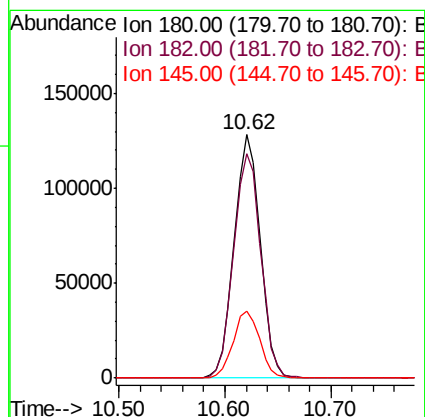
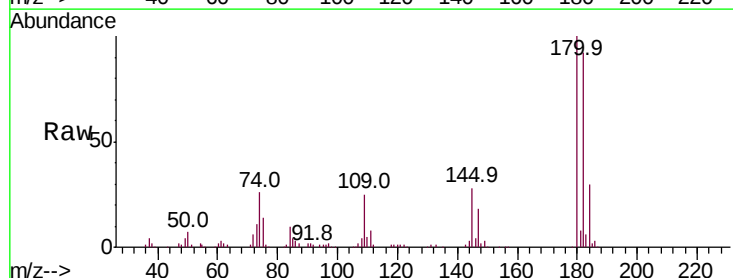
Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

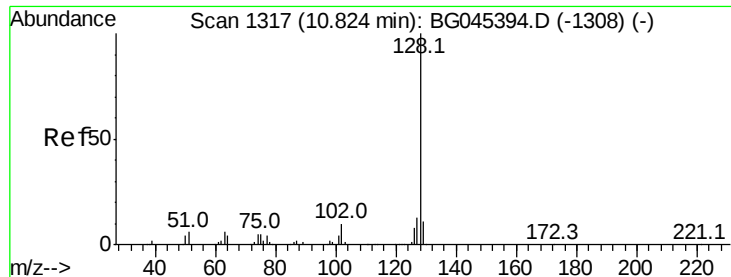
Tot Ion	Ratio	Lower	Upper
162	100		
164	70.4	46.8	86.8
98	37.4	15.2	55.2



#30
1,2,4-Trichlorobenzene
Concen: 52.208 ng
RT: 10.62 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	74.8	112.2
145	27.8	21.9	32.9

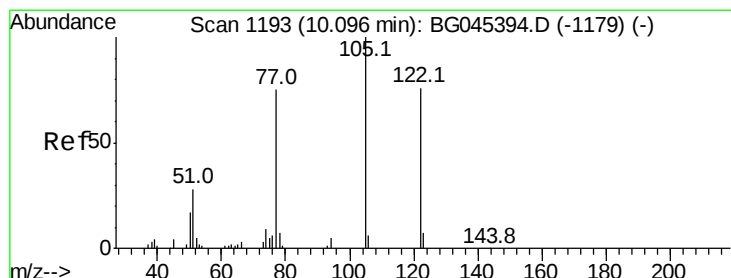
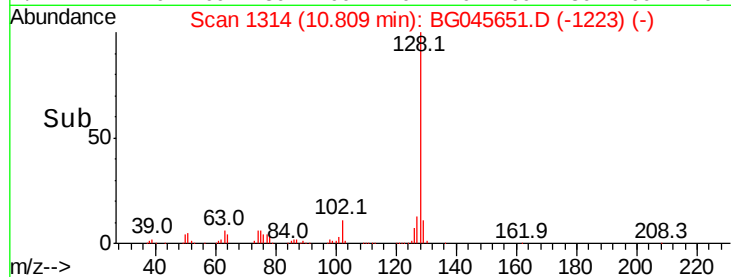
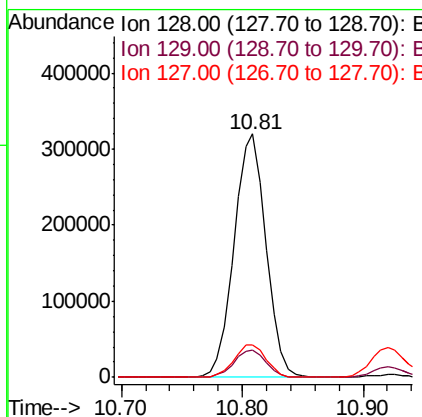
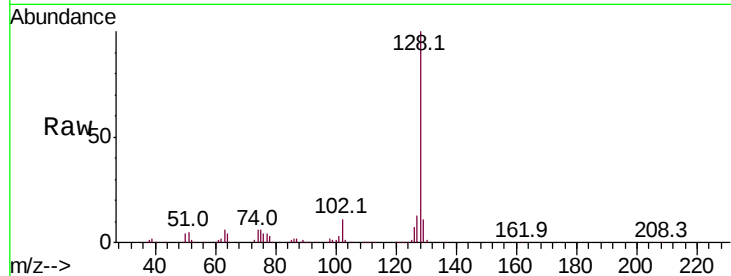




#31
Naphthalene
Concen: 52.515 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

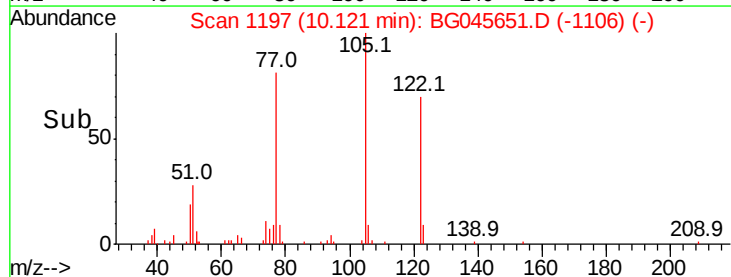
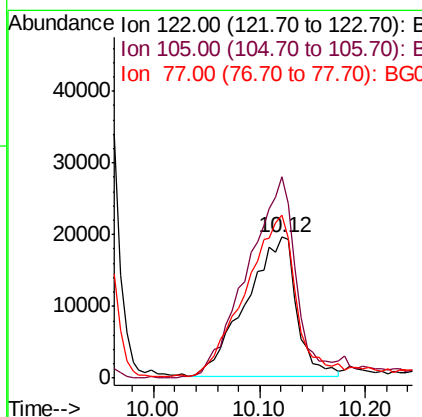
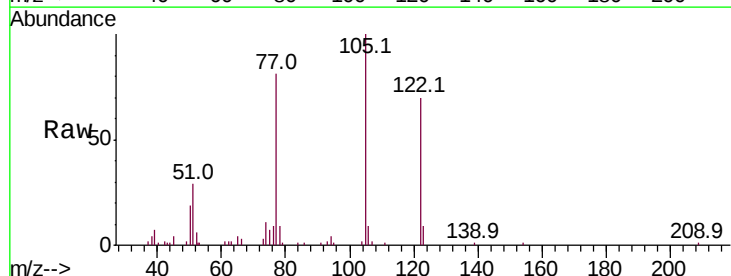
Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

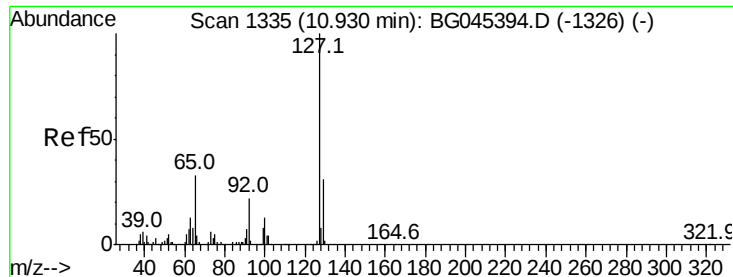
Tot Ion:128 Resp: 587689
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 34.985 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion:122 Resp: 64237
Ion Ratio Lower Upper
122 100
105 143.2 107.9 147.9
77 115.9 78.9 118.9

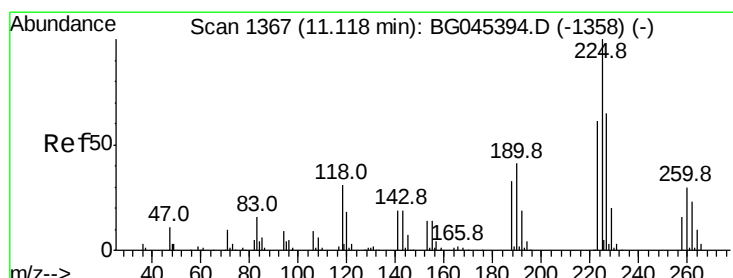
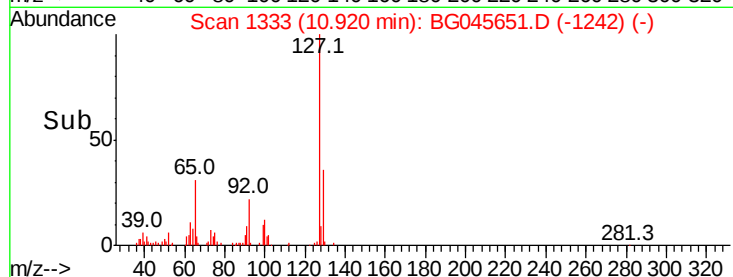
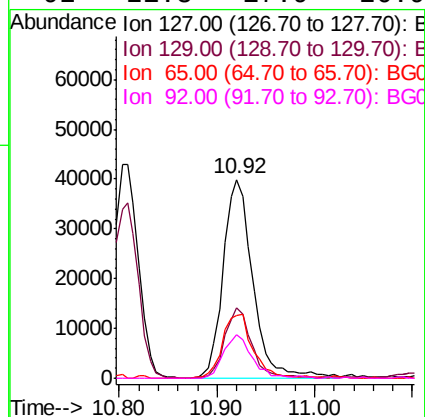
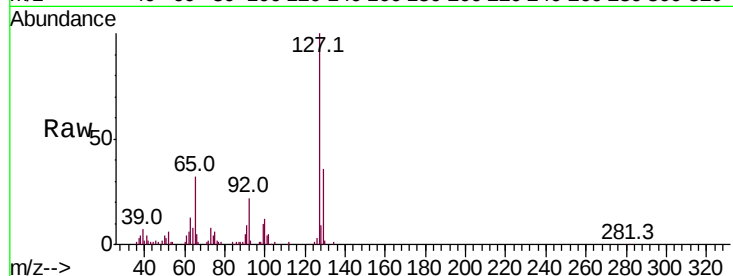




#33
4-Chloroaniline
Concen: 18.019 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

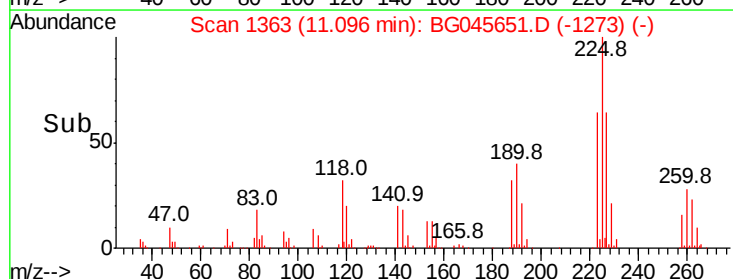
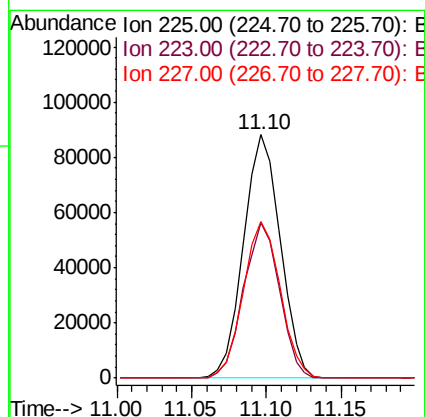
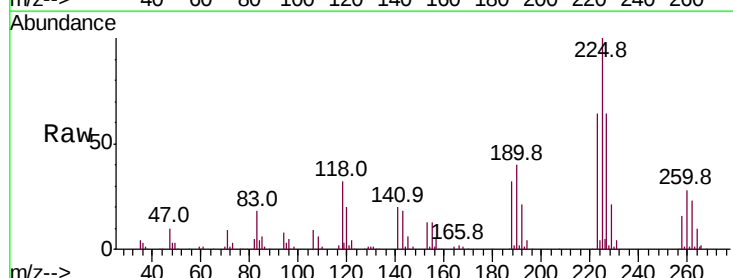
Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

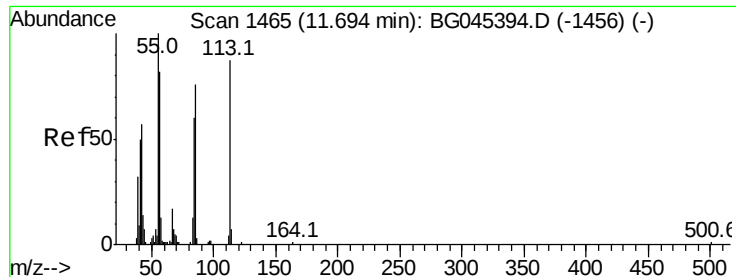
Tot Ion:	127	Resp:	84291
Ion	Ratio	Lower	Upper
127	100		
129	35.6	24.7	37.1
65	31.8	26.2	39.2
92	21.8	17.9	26.9



#34
Hexachlorobutadiene
Concen: 50.865 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion:	225	Resp:	150191
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.1	73.7
227	64.2	52.0	78.0





#35

Caprolactam

Concen: 23.264 ng

RT: 11.71 min Scan# 1467

Delta R.T. 0.02 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MS

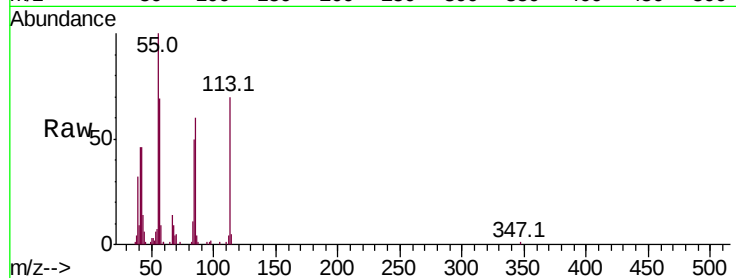
Tot Ion:113 Resp: 30187

Ion Ratio Lower Upper

113 100

55 143.1 96.0 136.0#

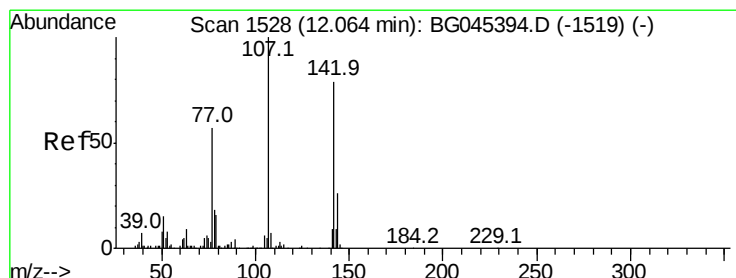
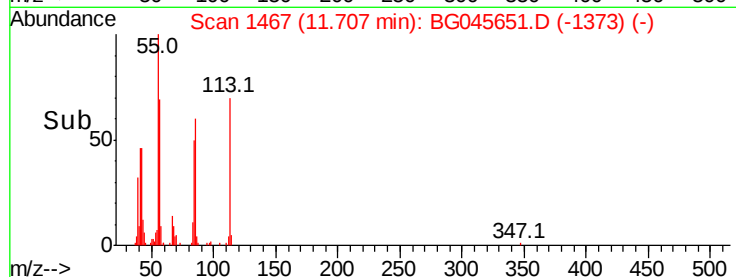
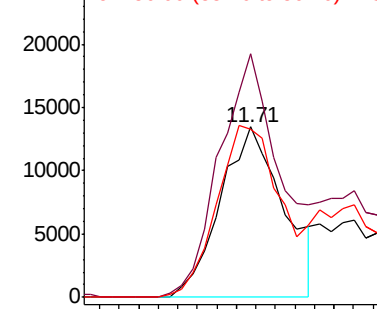
56 98.5 75.1 115.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 57.244 ng

RT: 12.07 min Scan# 1528

Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

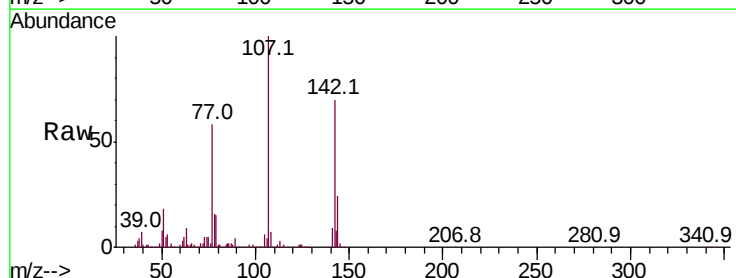
Tgt Ion:107 Resp: 228028

Ion Ratio Lower Upper

107 100

144 23.6 20.8 31.2

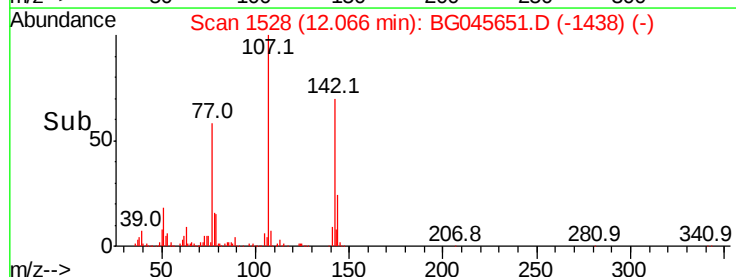
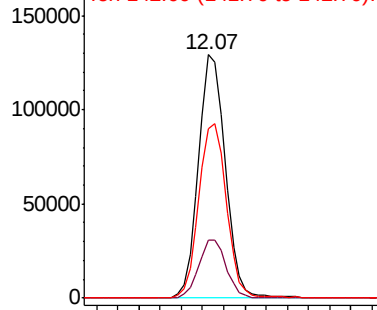
142 69.8 62.8 94.2

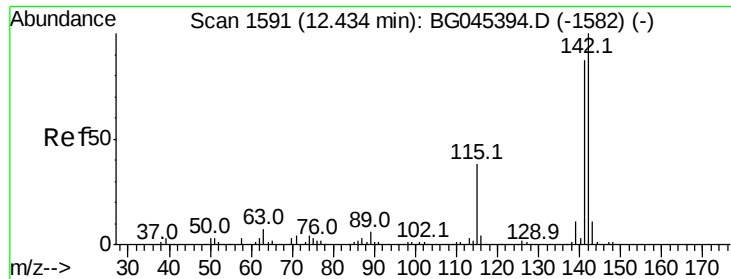


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

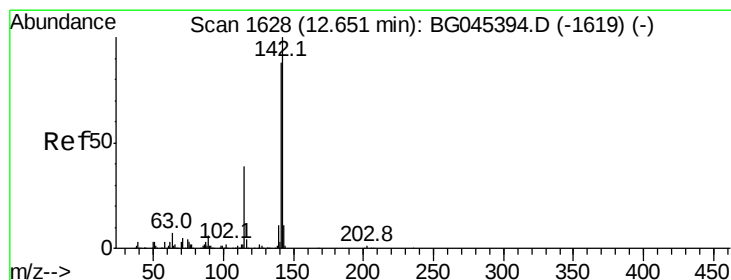
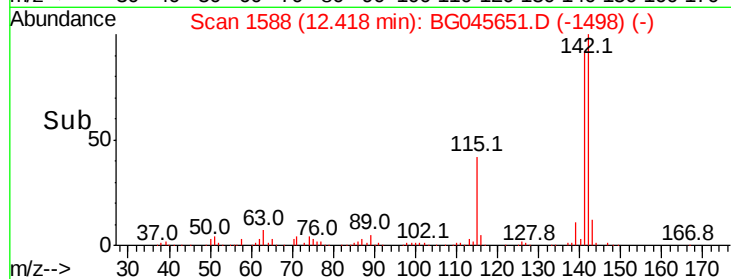
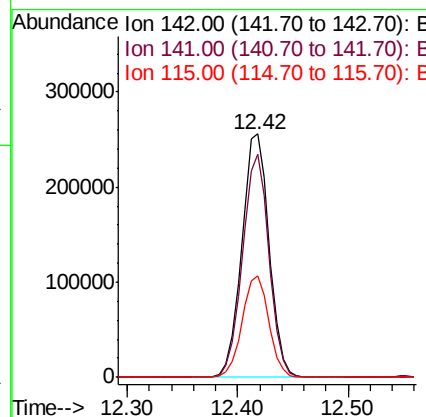
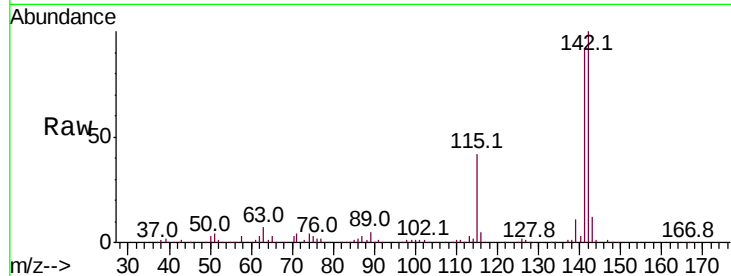




#37
 2-Methylnaphthalene
 Concen: 53.265 ng
 RT: 12.42 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BG045651.D
 Acq: 8 Jun 2020 20:56

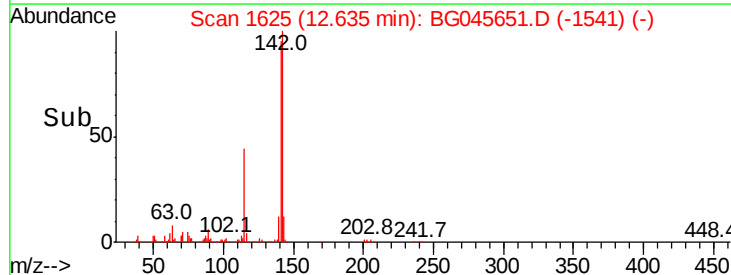
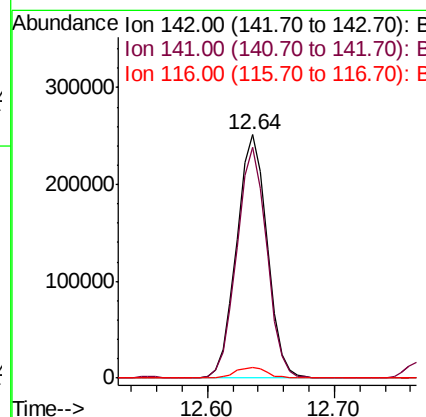
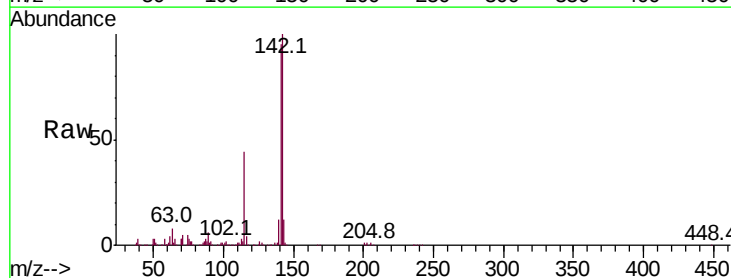
Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MS

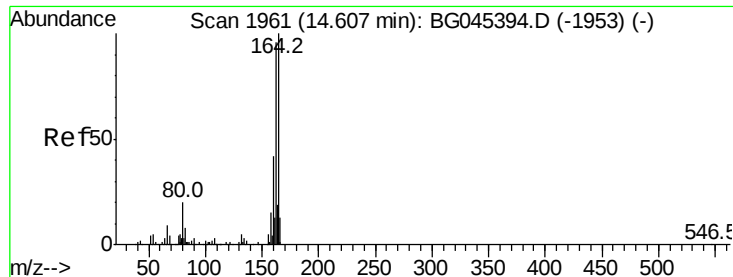
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	70.0	105.0
115	41.7	30.8	46.2



#38
 1-Methylnaphthalene
 Concen: 52.948 ng
 RT: 12.64 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BG045651.D
 Acq: 8 Jun 2020 20:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.7	70.8	106.2
116	4.4	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MS

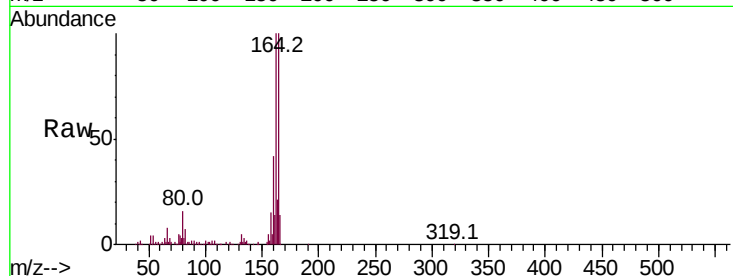
Tot Ion:164 Resp: 165967

Ion Ratio Lower Upper

164 100

162 100.2 76.9 115.3

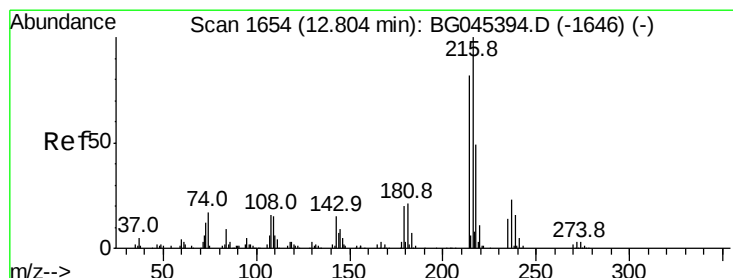
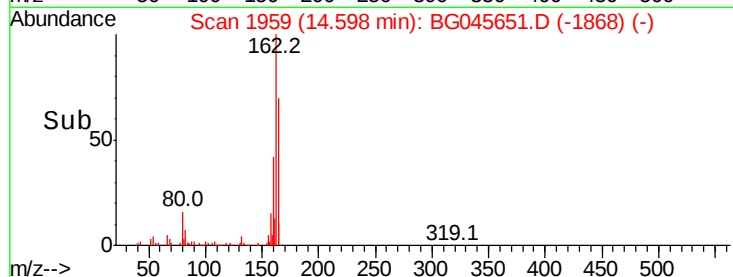
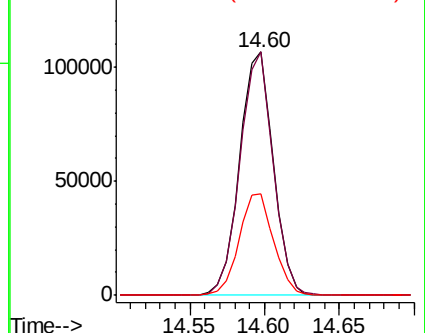
160 41.9 33.8 50.8



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: 54.719 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Tgt Ion:216 Resp: 253659

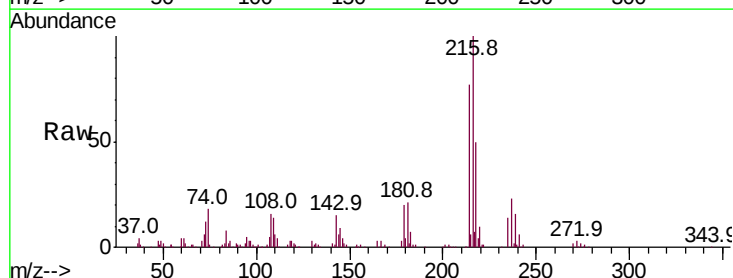
Ion Ratio Lower Upper

216 100

214 78.8 63.7 95.5

179 19.8 16.1 24.1

108 18.6 13.8 20.6

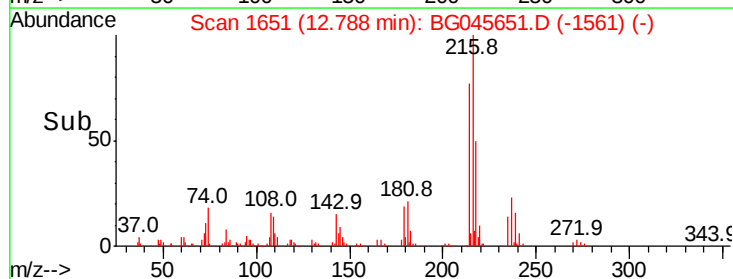
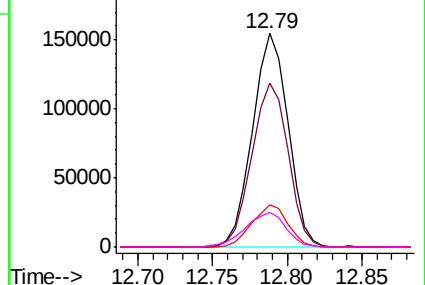


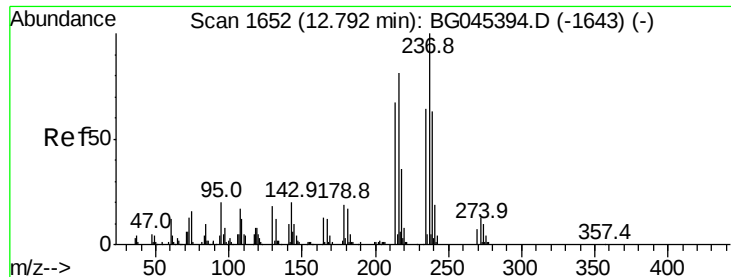
Abundance Ion 216.00 (215.70 to 216.70): E

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: 99.123 ng

RT: 12.77 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

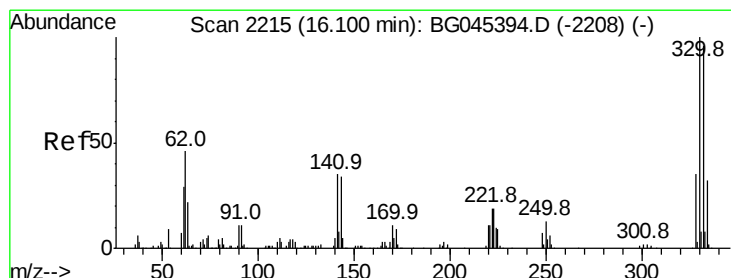
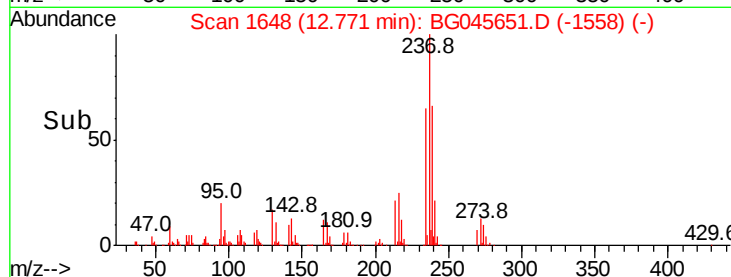
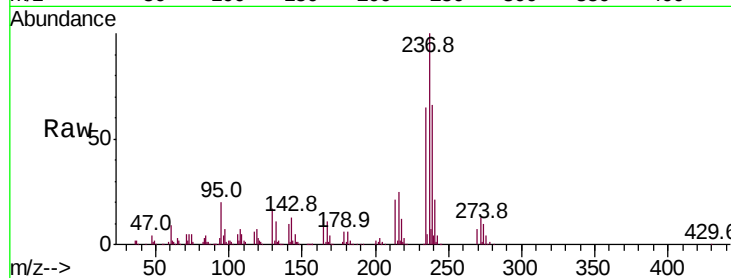
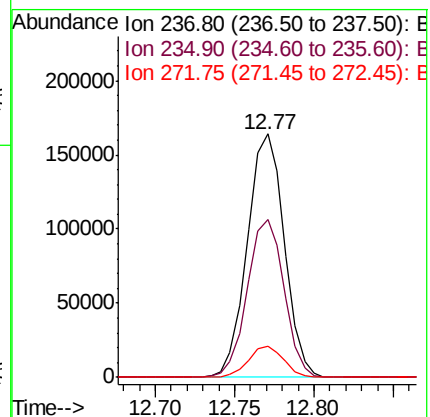
BNA_G

ClientSampleId :

PL-01-060320MS

Tot Ion:237 Resp: 265218

Ion	Ratio	Lower	Upper
237	100		
235	64.8	44.4	84.4
272	13.0	0.0	32.5



#42

2,4,6-Tribromophenol

Concen: 163.950 ng

RT: 16.09 min Scan# 2213

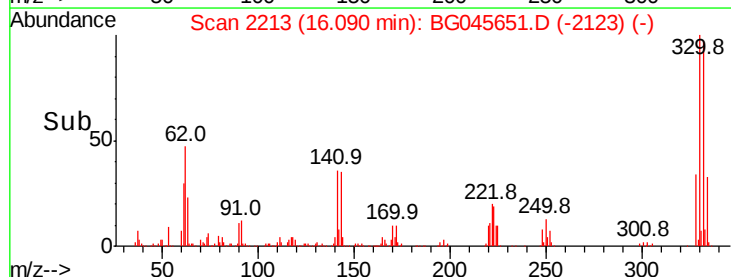
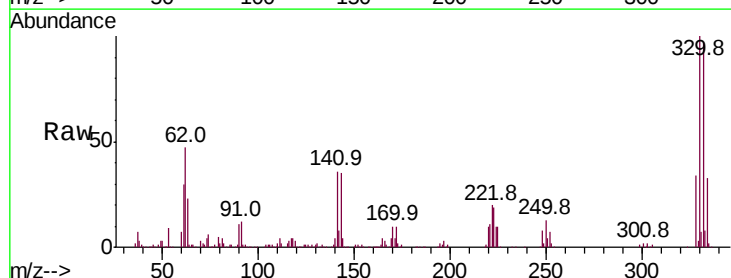
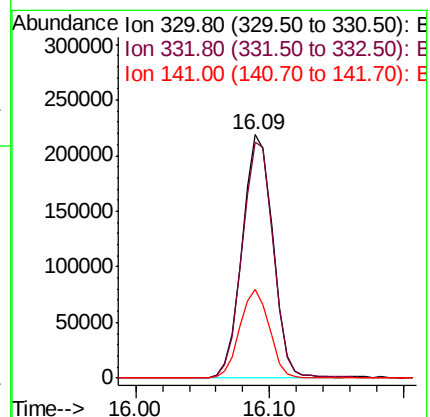
Delta R.T. -0.00 min

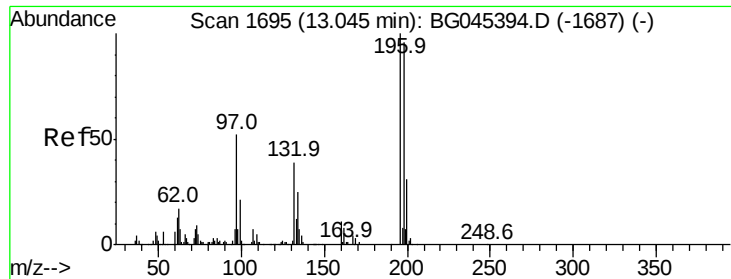
Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Tgt Ion:330 Resp: 347989

Ion	Ratio	Lower	Upper
330	100		
332	98.6	78.2	117.4
141	35.6	28.2	42.4

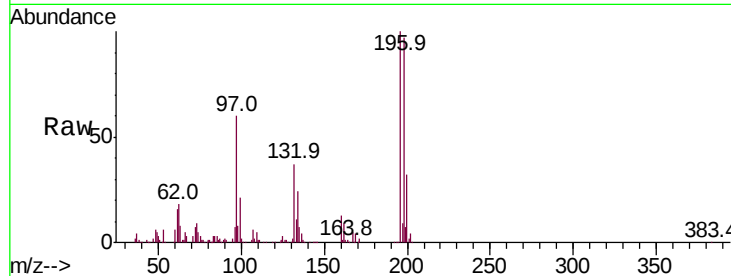




#43
 2,4,6-Trichlorophenol
 Concen: 54.464 ng
 RT: 13.03 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: BG045651.D
 Acq: 8 Jun 2020 20:56

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.3	76.7	115.1
200	31.6	24.9	37.3

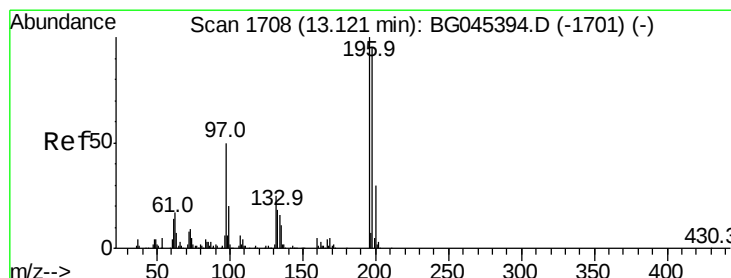
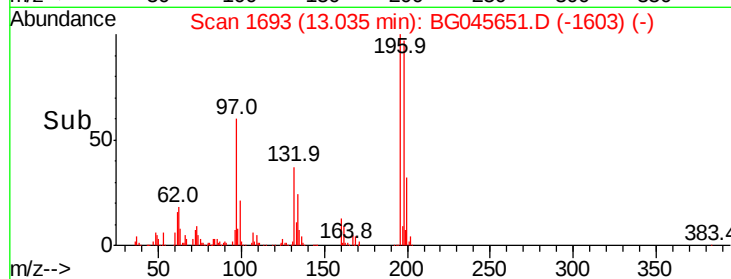
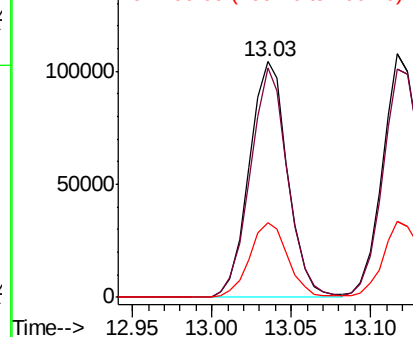


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 49.711 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG045651.D
 Acq: 8 Jun 2020 20:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	76.1	114.1
97	51.0	40.0	60.0
132	24.8	20.2	30.2

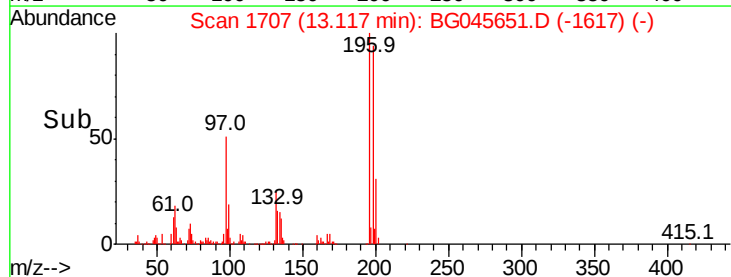
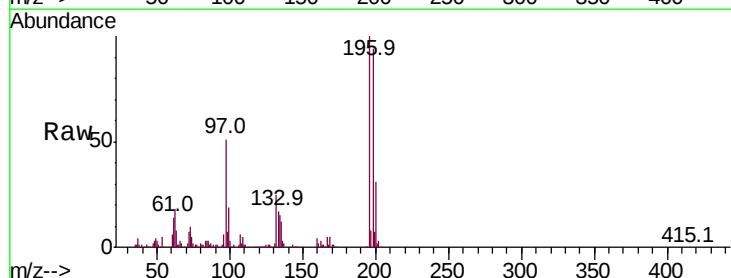
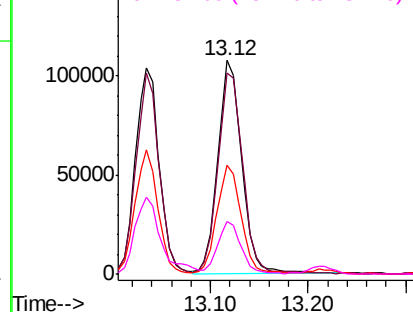
Abundance

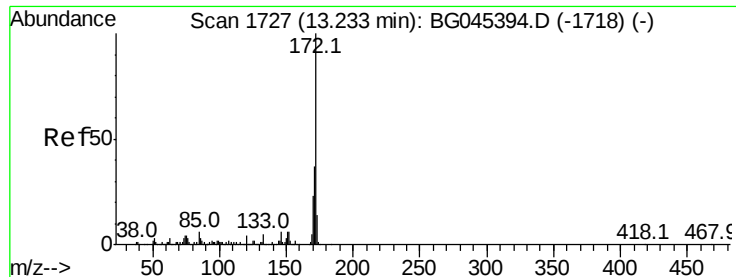
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

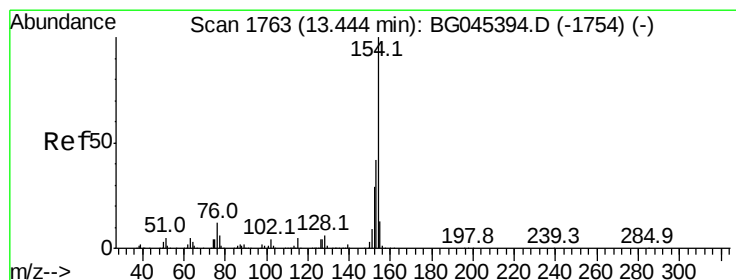
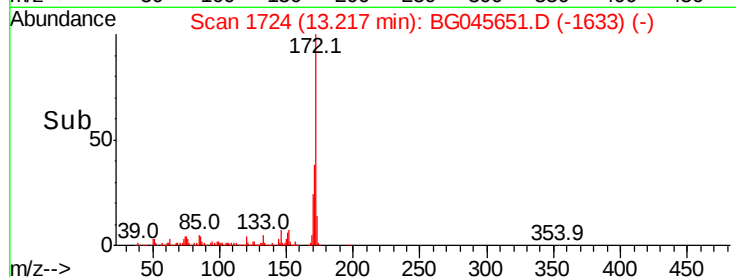
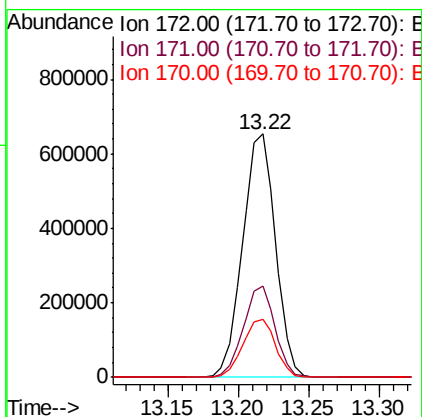
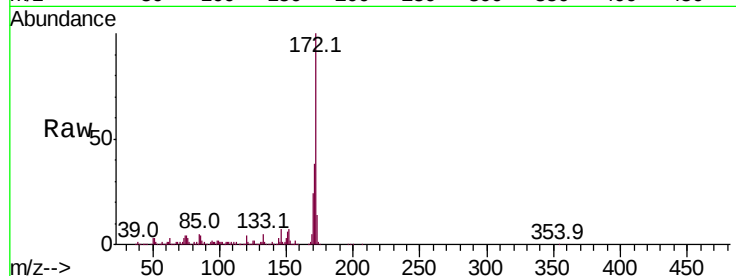




#45
2-Fluorobiphenyl
Concen: 109.169 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

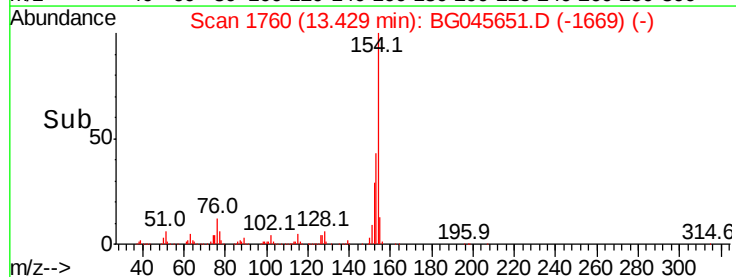
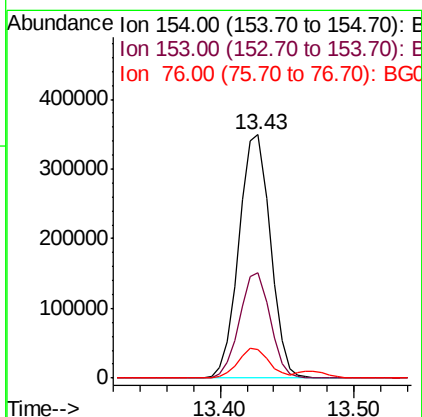
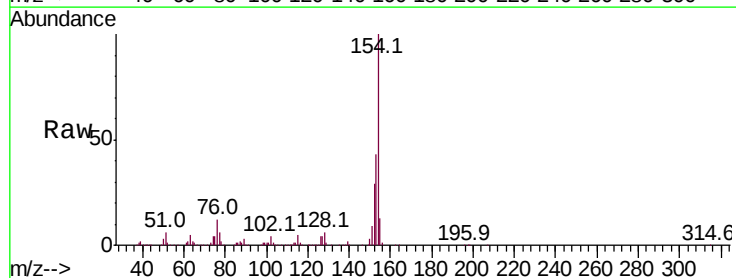
Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

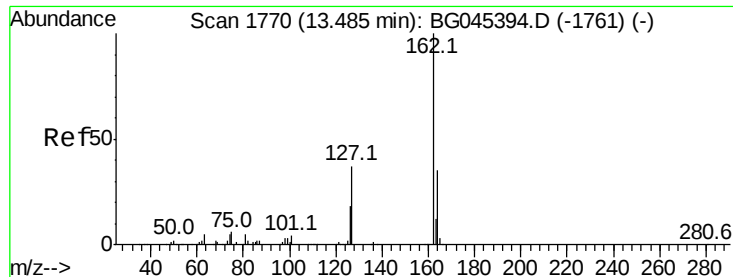
Tot Ion:172 Resp: 1068170
Ion Ratio Lower Upper
172 100
171 37.6 29.5 44.3
170 23.7 18.5 27.7



#46
1,1'-Biphenyl
Concen: 55.883 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion:154 Resp: 569891
Ion Ratio Lower Upper
154 100
153 43.2 22.2 62.2
76 12.0 0.0 32.4

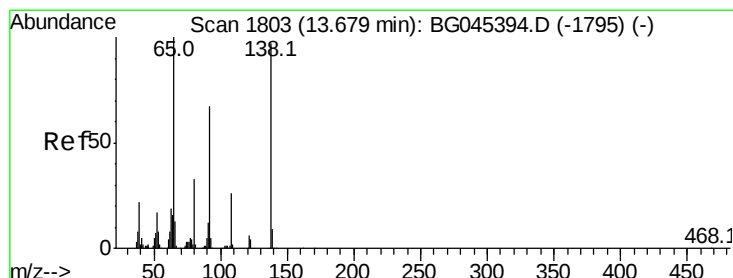
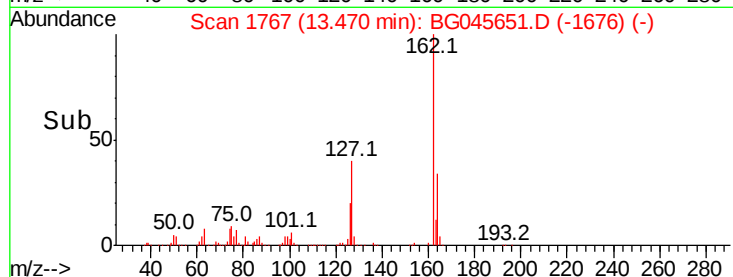
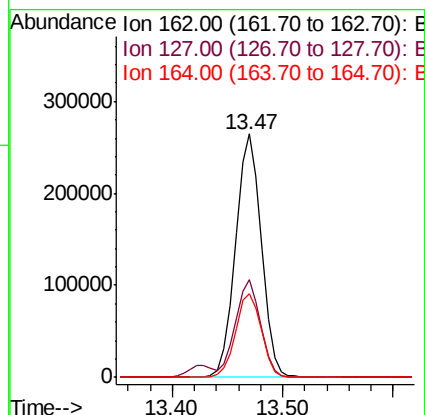
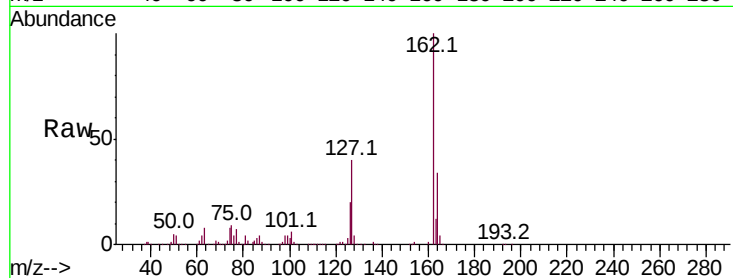




#47
2-Chloronaphthalene
Concen: 52.345 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

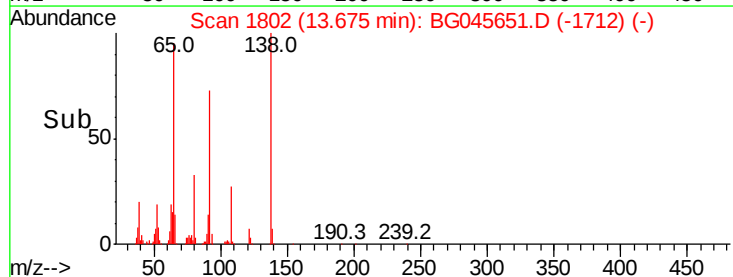
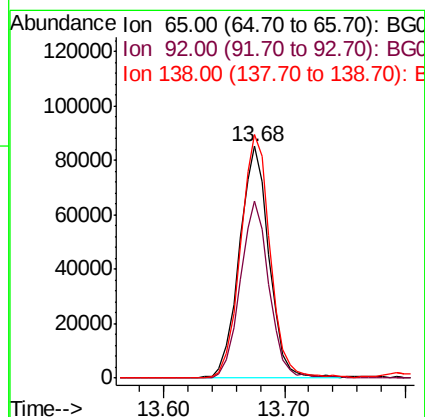
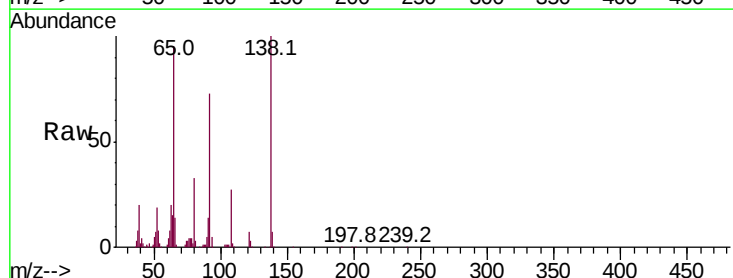
Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

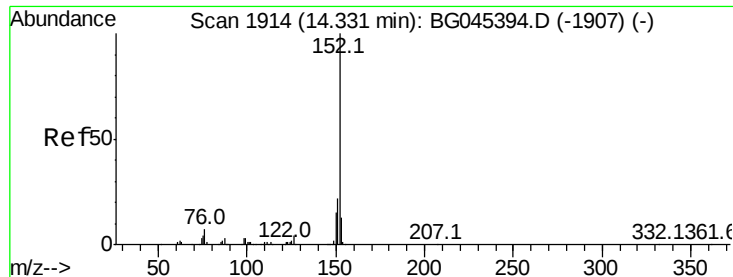
Tot Ion:162	Resp:	433471
Ion	Ratio	Lower Upper
162	100	
127	40.3	31.6 47.4
164	34.3	28.1 42.1



#48
2-Nitroaniline
Concen: 53.460 ng
RT: 13.68 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion: 65	Resp:	145627
Ion	Ratio	Lower Upper
65	100	
92	76.4	53.8 80.8
138	105.2	77.9 116.9





#49

Acenaphthylene

Concen: 53.423 ng

RT: 14.32 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MS

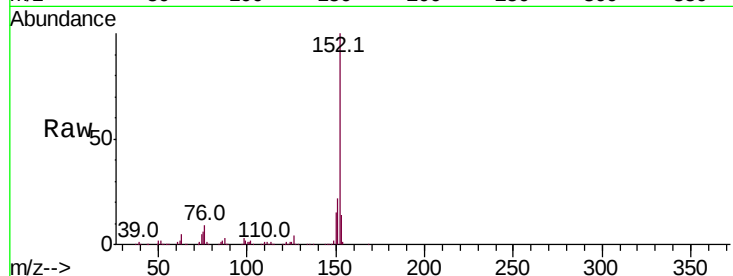
Tot Ion:152 Resp: 710612

Ion Ratio Lower Upper

152 100

151 22.1 17.4 26.2

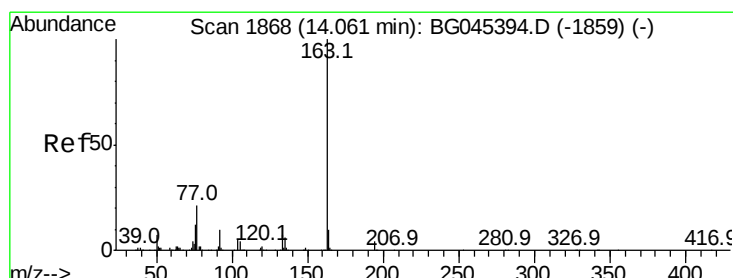
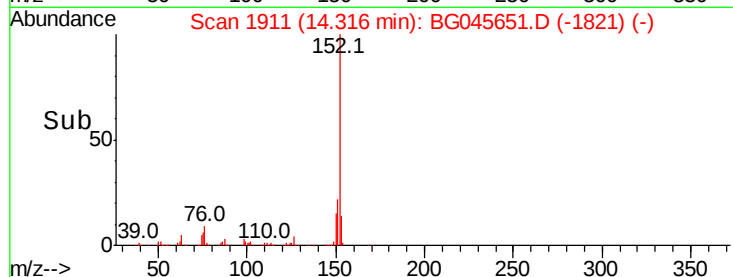
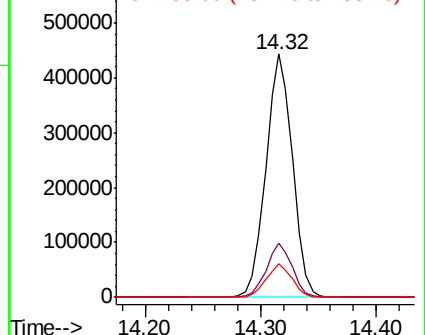
153 14.0 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 65.478 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

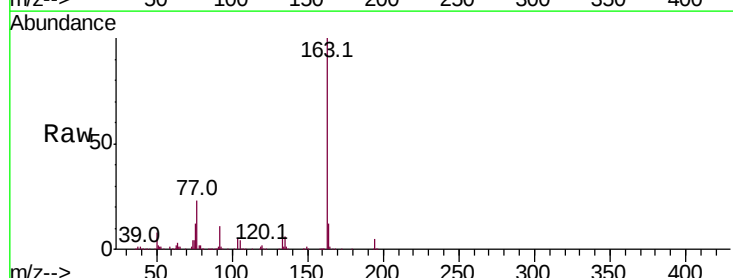
Tgt Ion:163 Resp: 745483

Ion Ratio Lower Upper

163 100

194 4.5 3.2 4.8

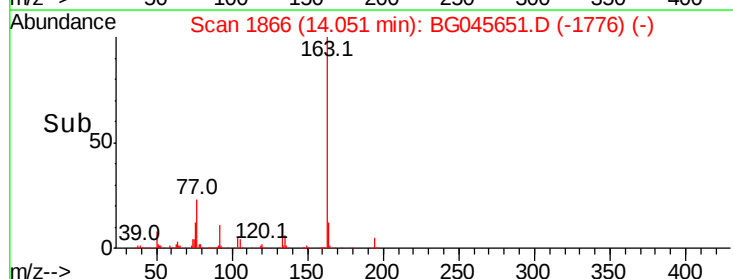
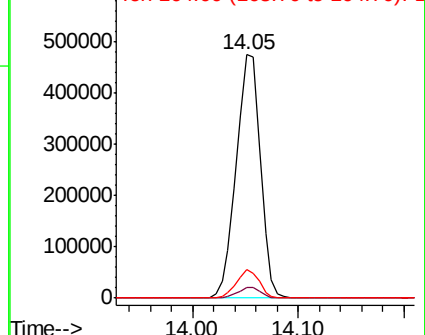
164 11.6 8.3 12.5

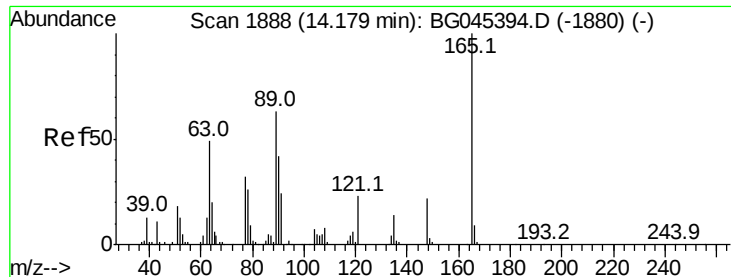


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

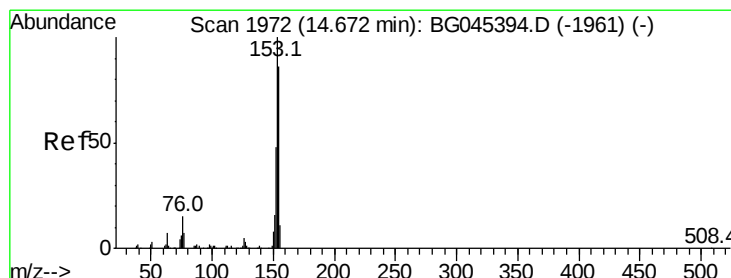
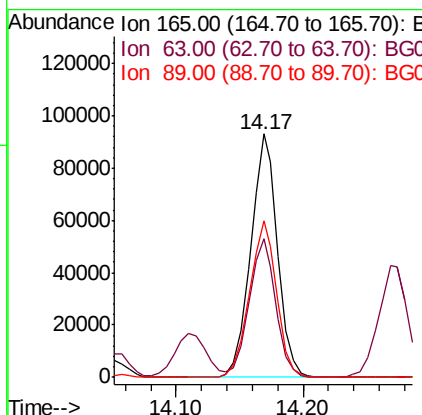
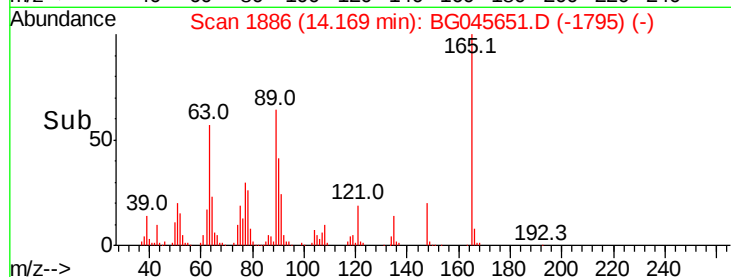
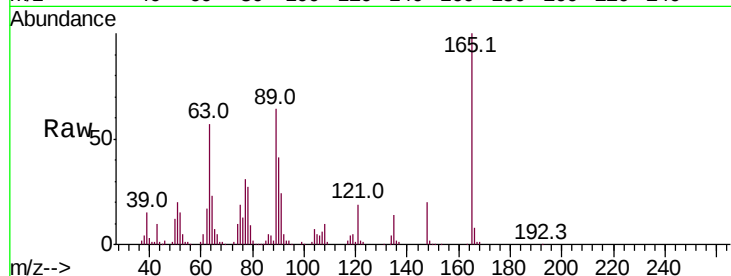




#51
 2,6-Dinitrotoluene
 Concen: 52.981 ng
 RT: 14.17 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: BG045651.D
 Acq: 8 Jun 2020 20:56

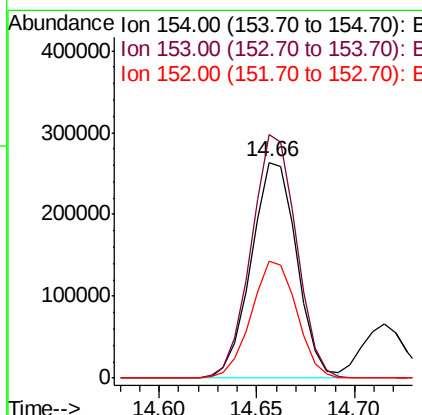
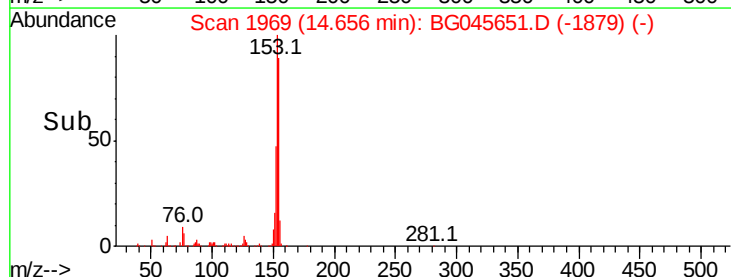
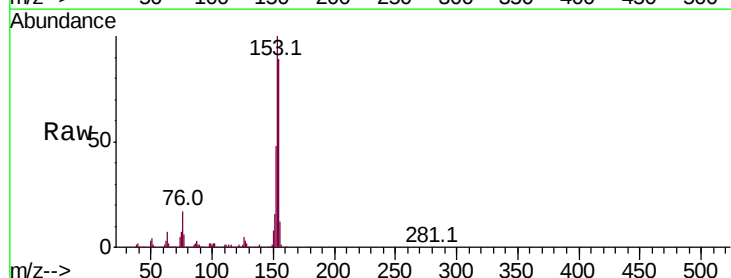
Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MS

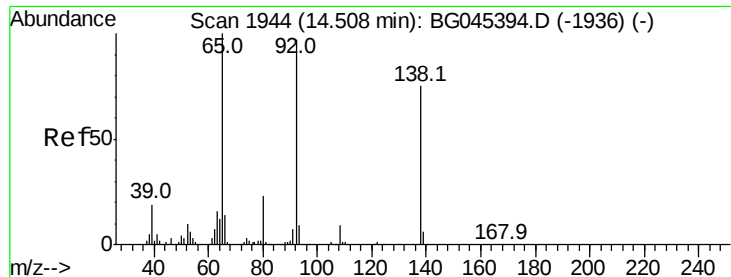
Tot Ion:165 Resp: 136112
 Ion Ratio Lower Upper
 165 100
 63 57.2 45.0 67.4
 89 64.5 50.2 75.4



#52
 Acenaphthene
 Concen: 47.880 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG045651.D
 Acq: 8 Jun 2020 20:56

Tgt Ion:154 Resp: 426315
 Ion Ratio Lower Upper
 154 100
 153 112.8 92.8 139.2
 152 53.9 44.6 66.8

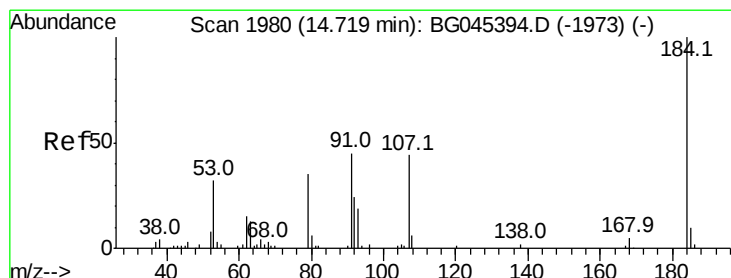
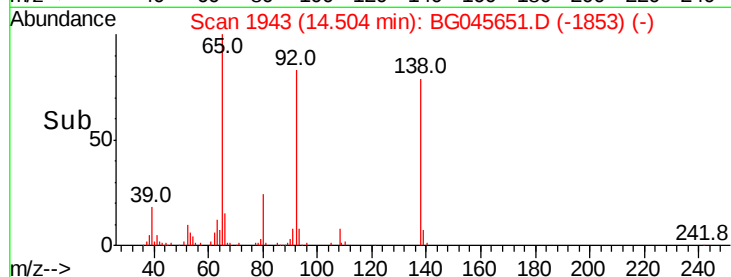
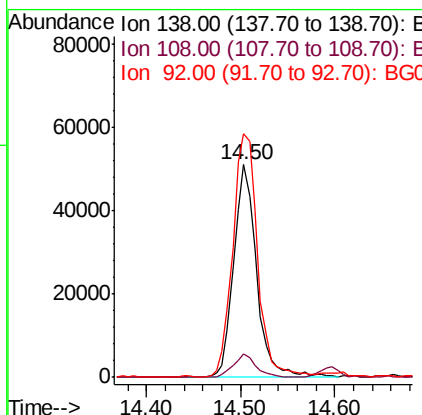
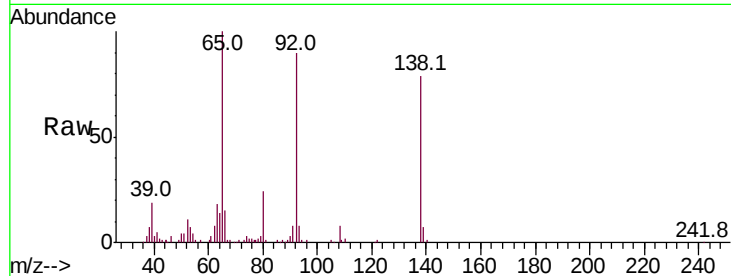




#53
3-Nitroaniline
Concen: 33.082 ng
RT: 14.50 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

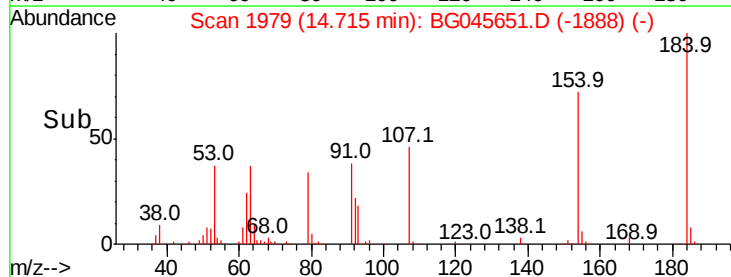
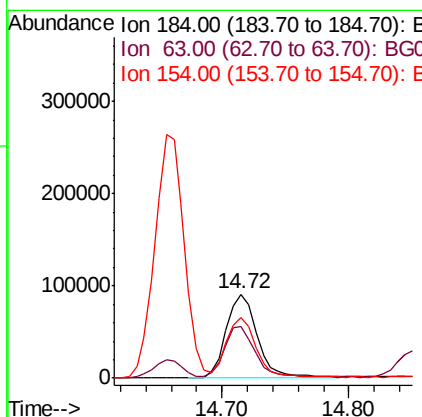
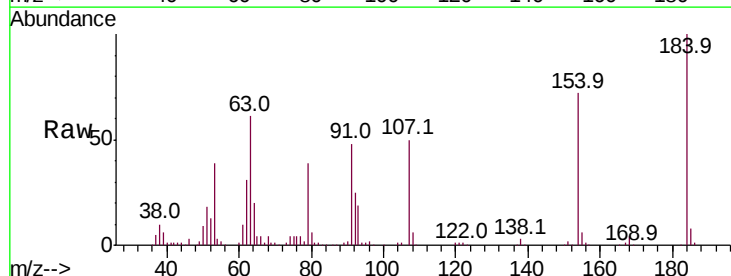
Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

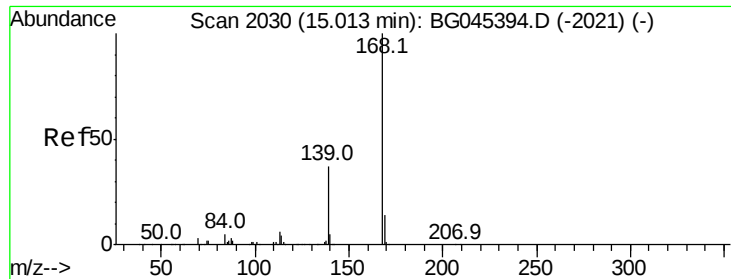
Tot Ion:138 Resp: 86397
Ion Ratio Lower Upper
138 100
108 10.8 9.8 14.6
92 114.5 103.0 154.4



#54
2,4-Dinitrophenol
Concen: 91.645 ng
RT: 14.72 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion:184 Resp: 155667
Ion Ratio Lower Upper
184 100
63 61.3 47.8 71.6
154 72.0 58.3 87.5

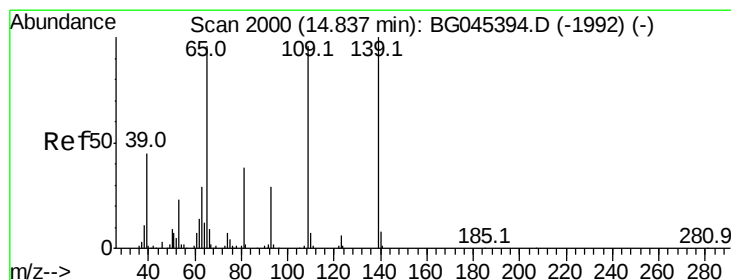
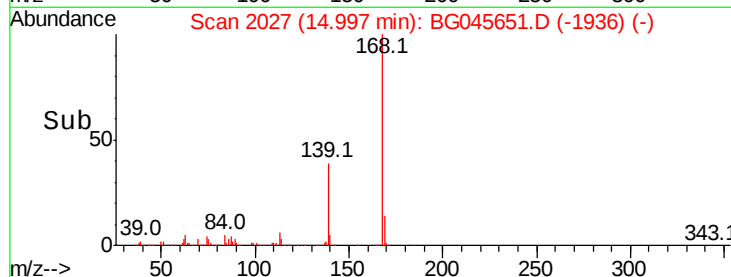
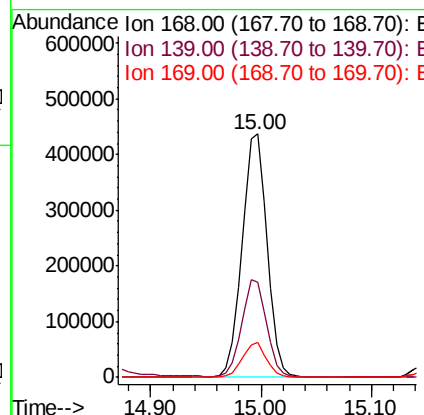
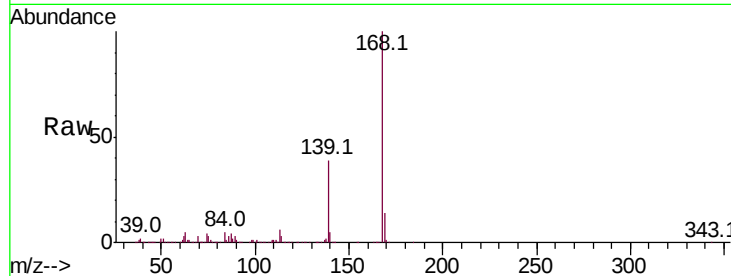




#55
Dibenzofuran
Concen: 52.764 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

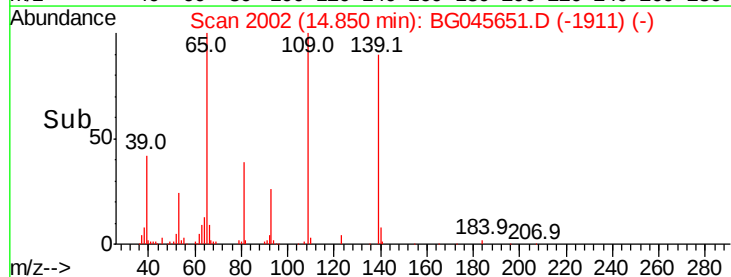
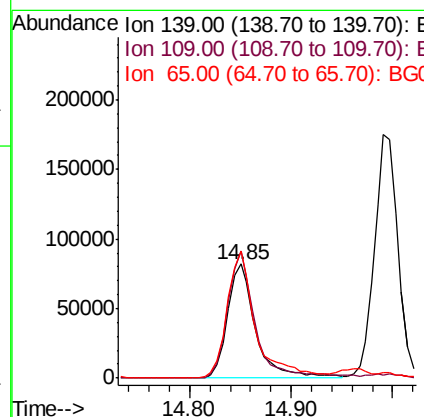
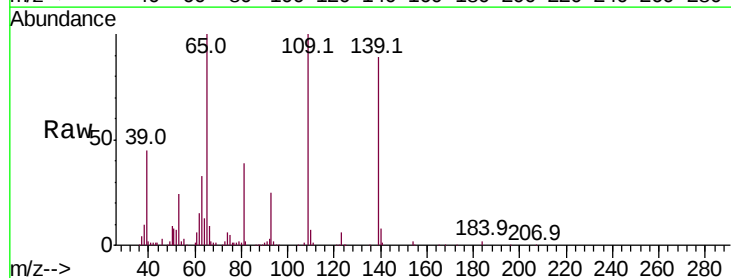
Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

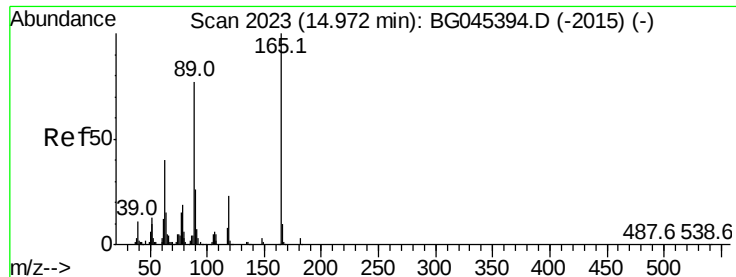
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	29.9	44.9
169	14.1	10.9	16.3



#56
4-Nitrophenol
Concen: 80.184 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	111.8	75.6	115.6
65	111.3	76.8	116.8

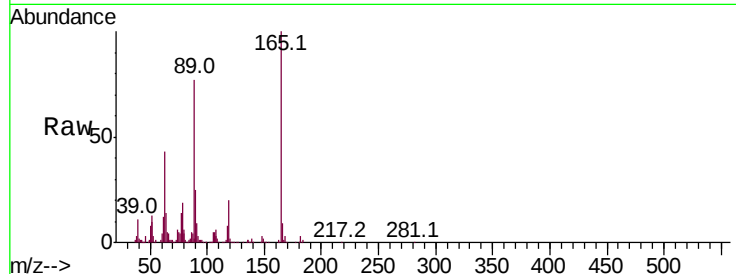




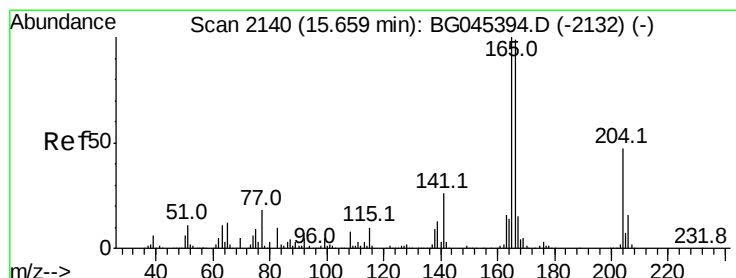
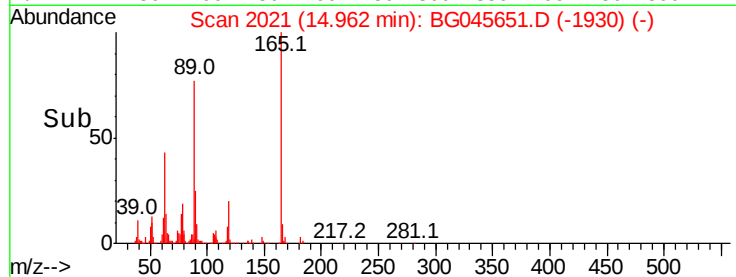
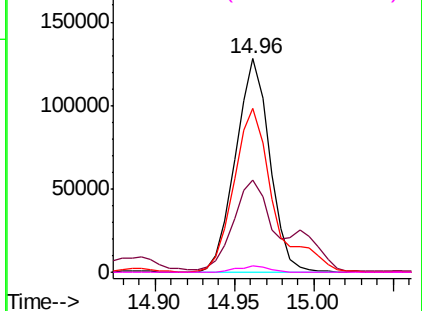
#57
2,4-Dinitrotoluene
Concen: 51.713 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.0	32.5	48.7
89	76.6	61.8	92.6
182	2.9	2.3	3.5

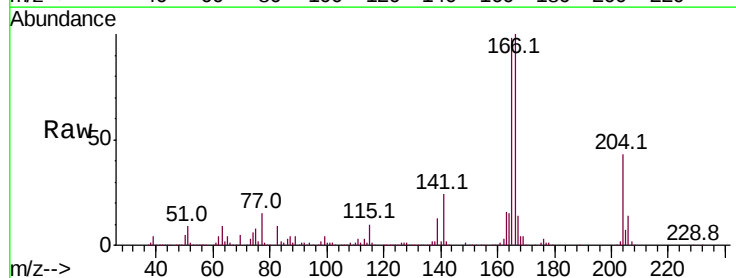


Abundance Ion 165.00 (164.70 to 165.70): E
200000
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

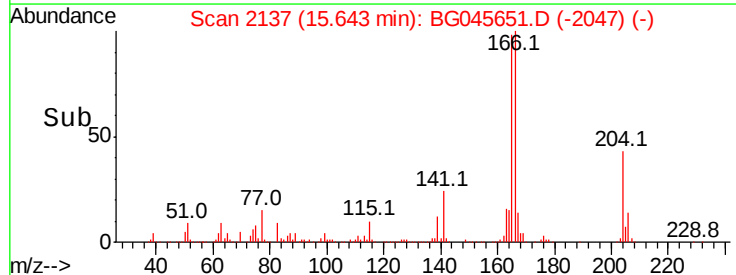
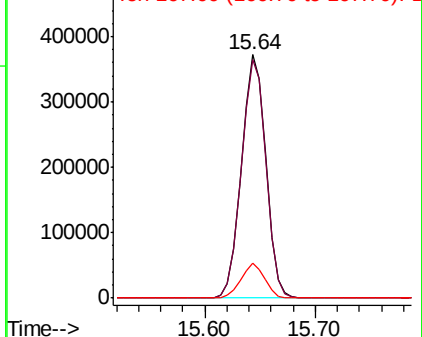


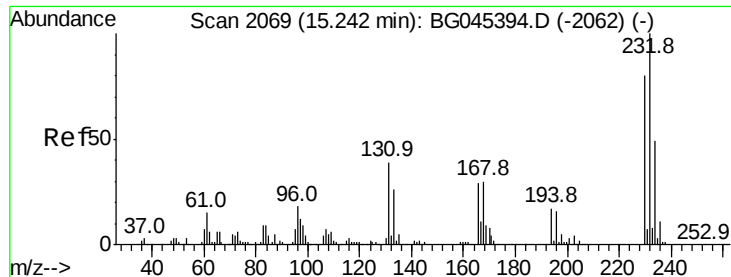
#58
Fluorene
Concen: 53.184 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	80.8	121.2
167	14.1	12.0	18.0



Abundance Ion 166.00 (165.70 to 166.70): E
500000
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

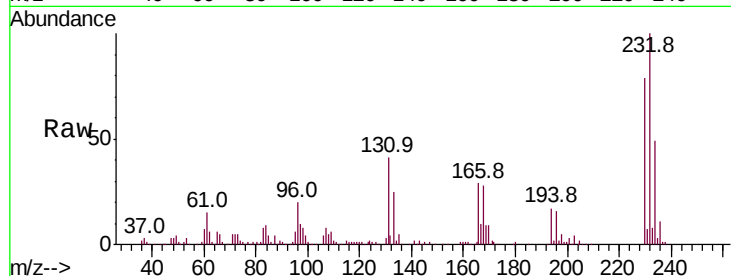




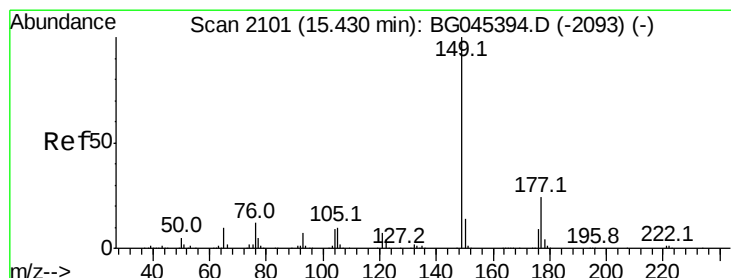
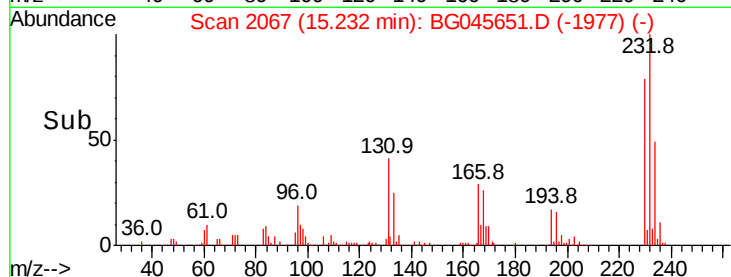
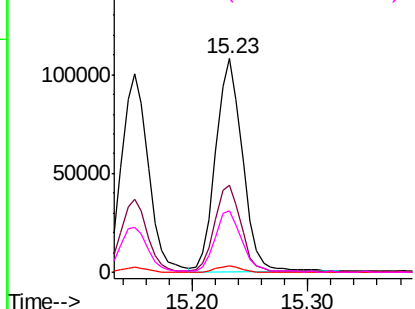
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.748 ng
RT: 15.23 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tot Ion:	232	Resp:	174010
Ion	Ratio	Lower	Upper
232	100		
131	40.6	33.7	50.5
130	2.8	2.1	3.1
166	28.6	23.2	34.8

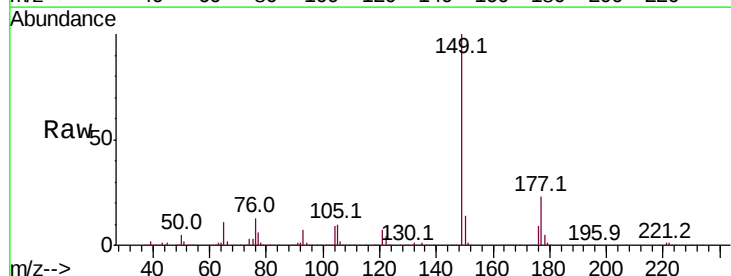


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

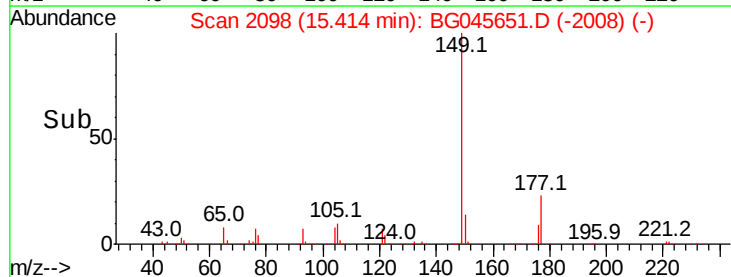
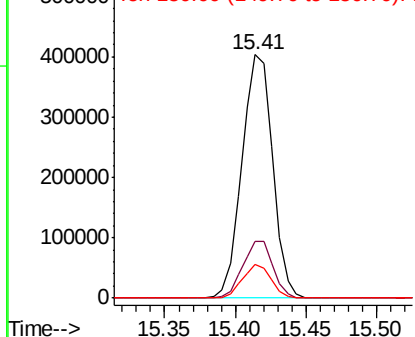


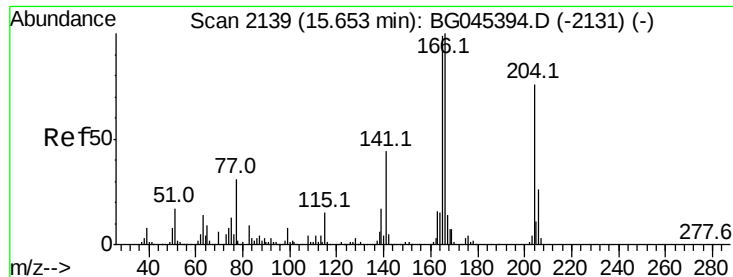
#60
Diethylphthalate
Concen: 51.795 ng
RT: 15.41 min Scan# 2098
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion:	149	Resp:	613781
Ion	Ratio	Lower	Upper
149	100		
177	23.4	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

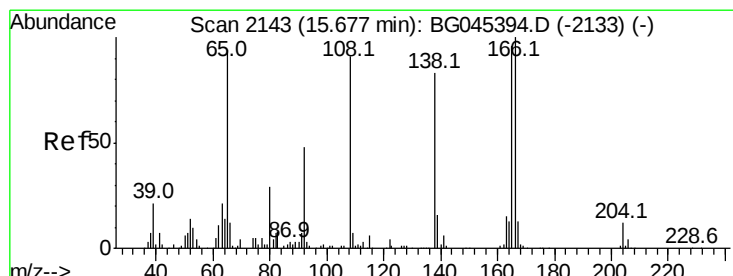
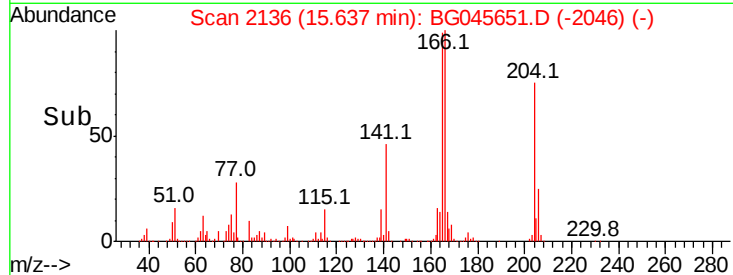
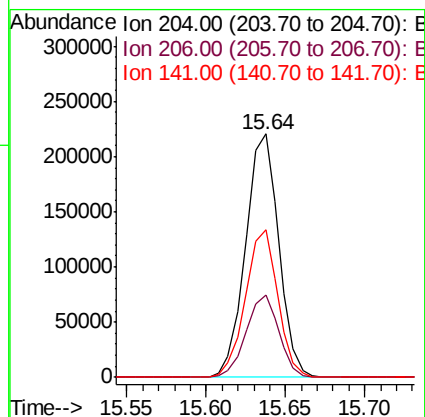
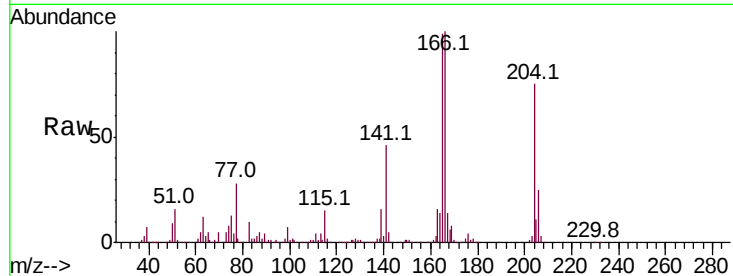




#61
4-Chlorophenyl-phenylether
Concen: 51.633 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

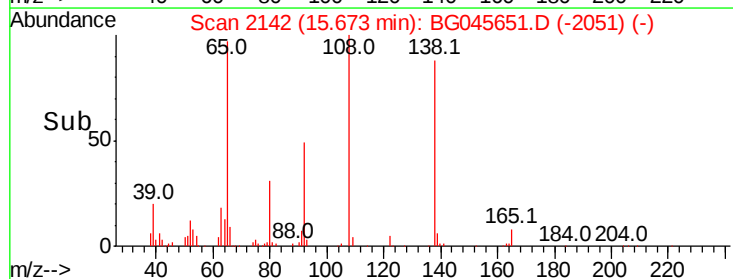
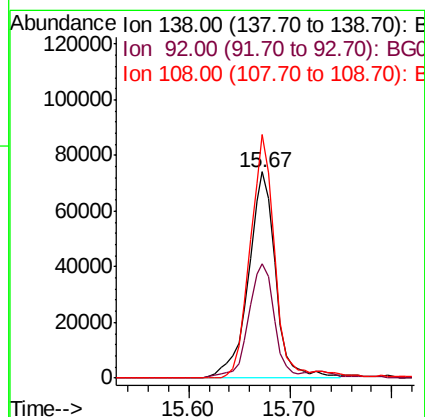
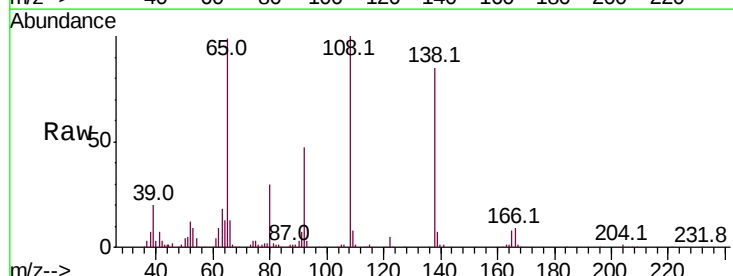
Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

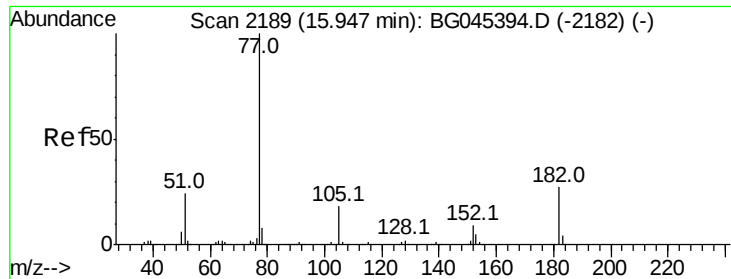
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.3	40.9
141	60.9	45.9	68.9



#62
4-Nitroaniline
Concen: 50.342 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.4	38.0	78.0
108	117.9	89.3	129.3





#63

Azobenzene

Concen: 53.368 ng

RT: 15.93 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MS

Tot Ion: 77 Resp: 589697

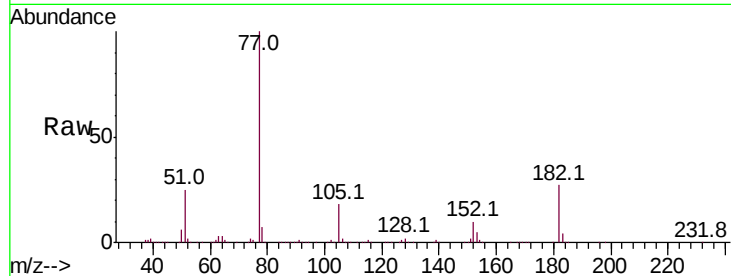
Ion Ratio Lower Upper

77 100

182 27.4 6.5 46.5

105 18.2 0.0 37.9

51 25.0 4.1 44.1

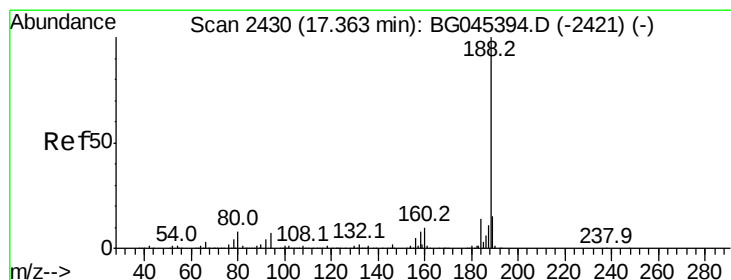
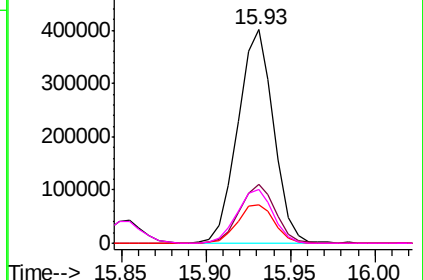
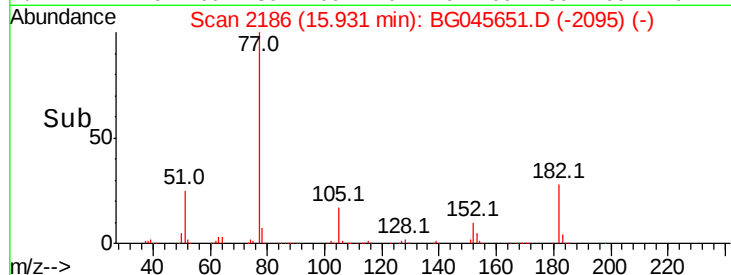


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

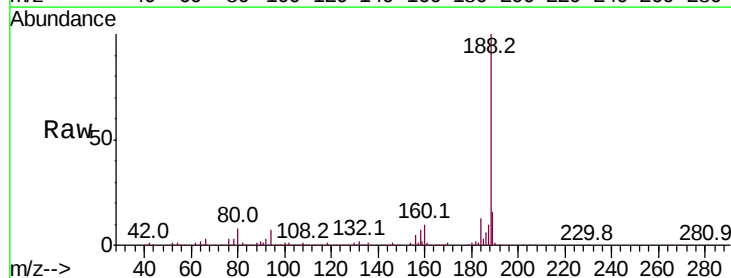
Tgt Ion: 188 Resp: 388904

Ion Ratio Lower Upper

188 100

94 7.1 5.5 8.3

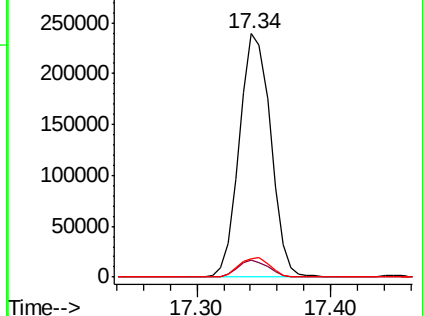
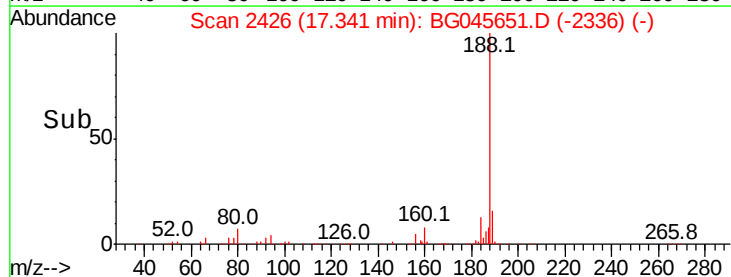
80 7.5 6.6 10.0

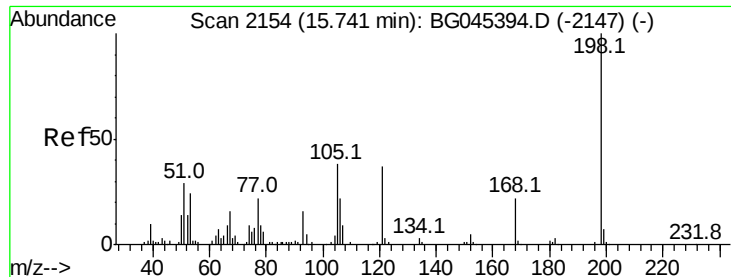


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

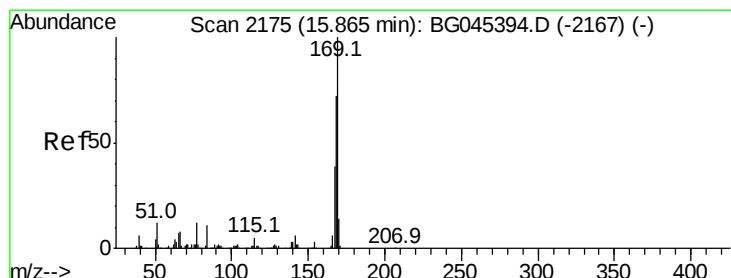
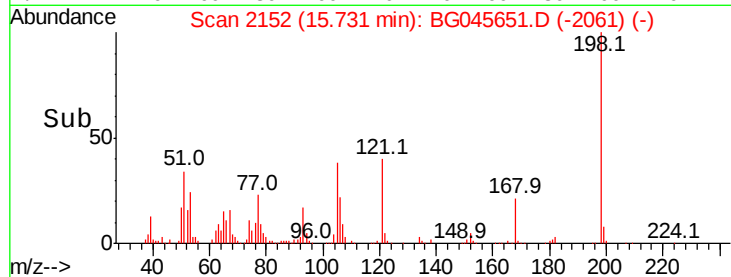
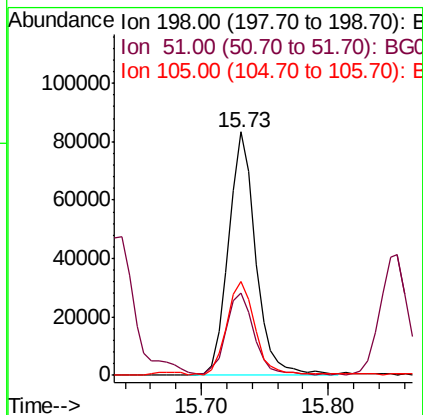
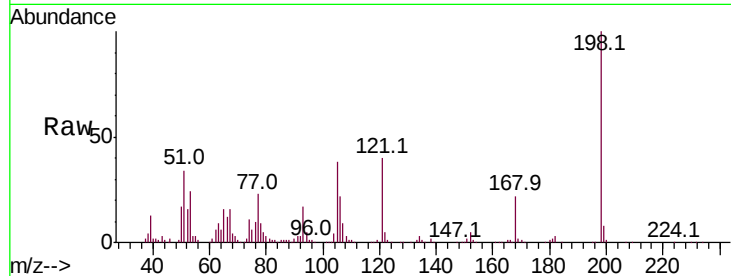




#65
 4,6-Dinitro-2-methylphenol
 Concen: 54.590 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG045651.D
 Acq: 8 Jun 2020 20:56

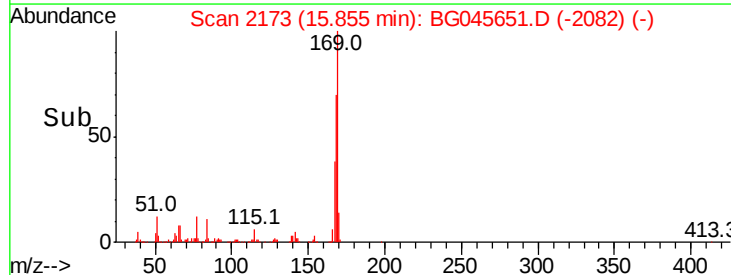
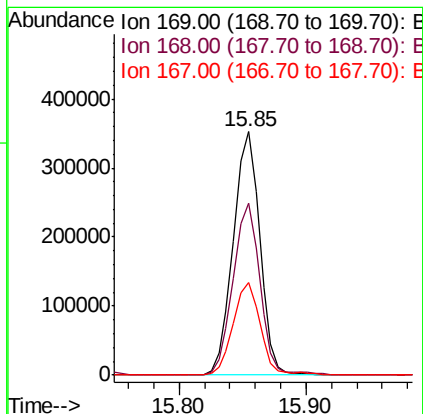
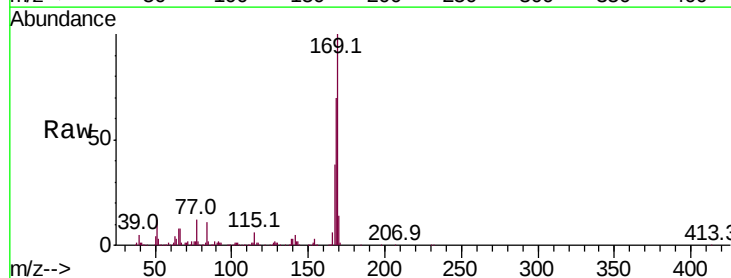
Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MS

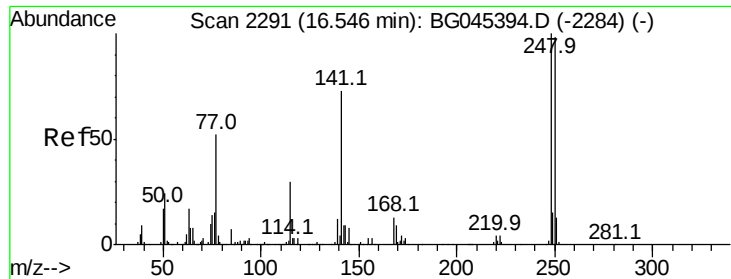
Tot Ion	Ratio	Lower	Upper
198	100		
51	33.7	10.0	50.0
105	38.4	18.9	58.9



#66
 n-Nitrosodiphenylamine
 Concen: 54.733 ng
 RT: 15.85 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BG045651.D
 Acq: 8 Jun 2020 20:56

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.4	57.8	86.6
167	38.1	31.5	47.3

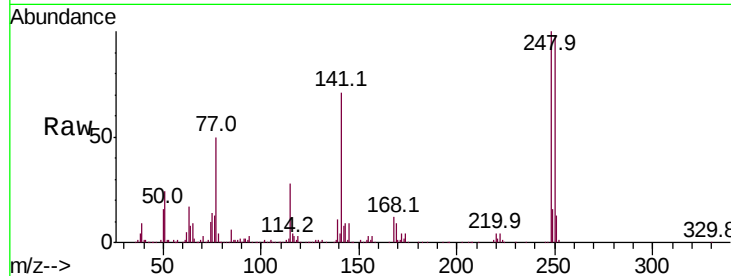




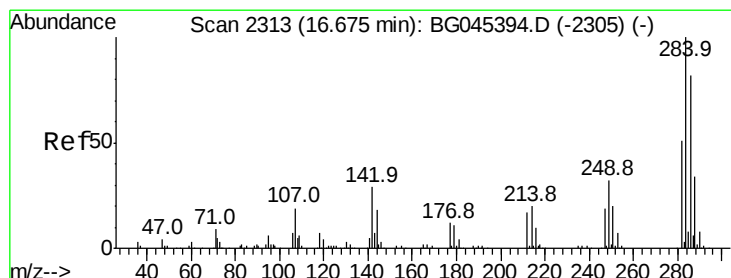
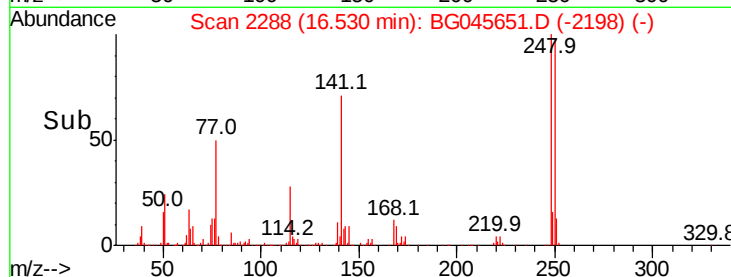
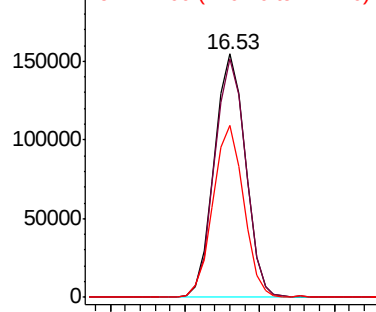
#67
4-Bromophenyl-phenylether
Concen: 53.126 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tot Ion:248 Resp: 223723
Ion Ratio Lower Upper
248 100
250 98.0 78.6 117.8
141 70.8 58.2 87.2

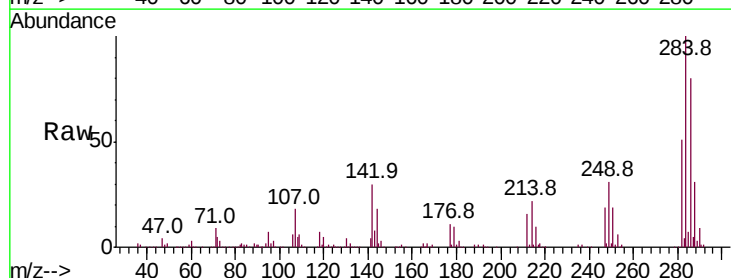


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

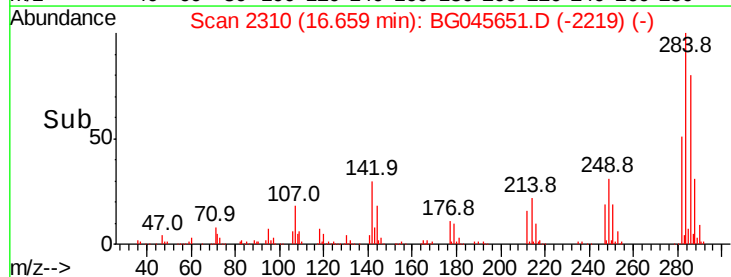
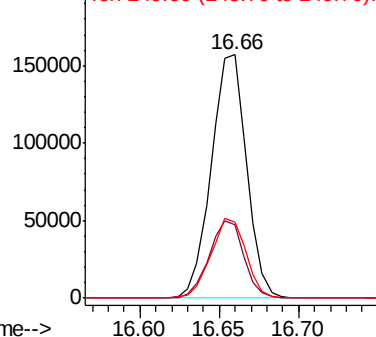


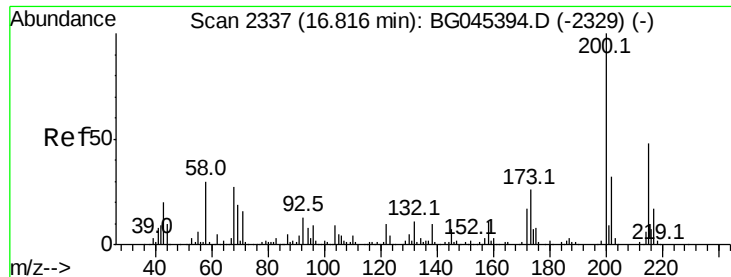
#68
Hexachlorobenzene
Concen: 54.836 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion:284 Resp: 241527
Ion Ratio Lower Upper
284 100
142 30.0 23.0 34.6
249 31.4 25.8 38.6



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





#69

Atrazine

Concen: 50.976 ng

RT: 16.81 min Scan# 2335

Delta R.T. 0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MS

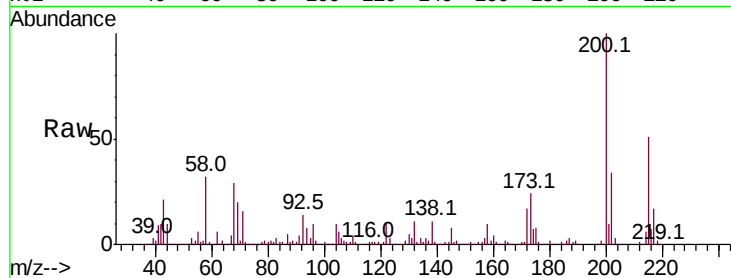
Tot Ion:200 Resp: 196056

Ion Ratio Lower Upper

200 100

173 24.4 5.5 45.5

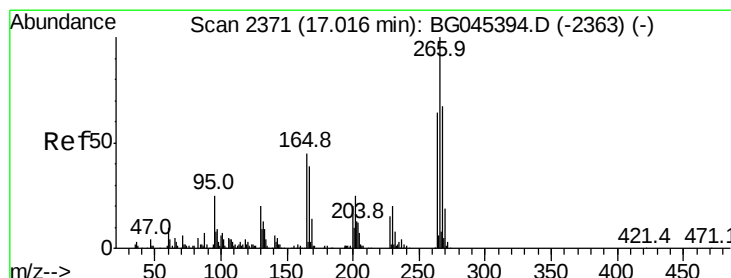
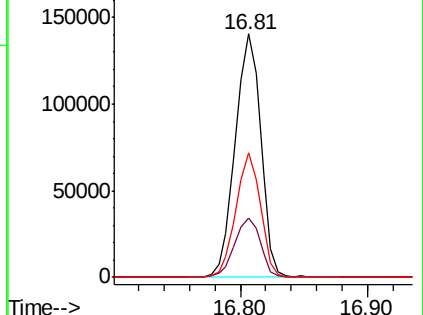
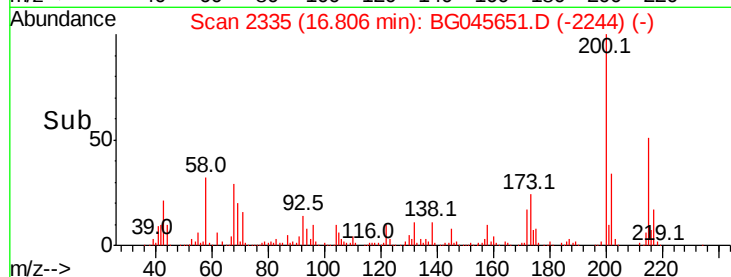
215 51.0 28.2 68.2



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: 104.057 ng

RT: 17.01 min Scan# 2369

Delta R.T. 0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

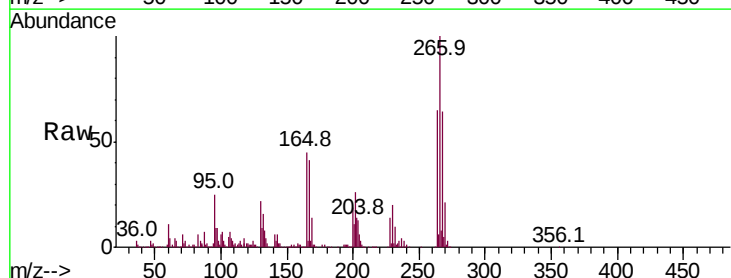
Tgt Ion:266 Resp: 237980

Ion Ratio Lower Upper

266 100

268 64.3 53.2 79.8

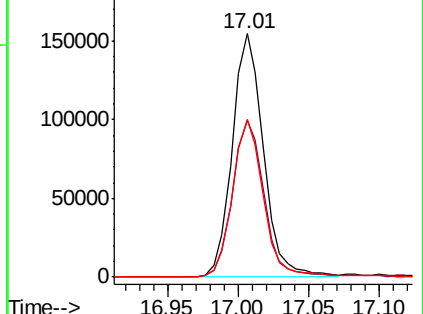
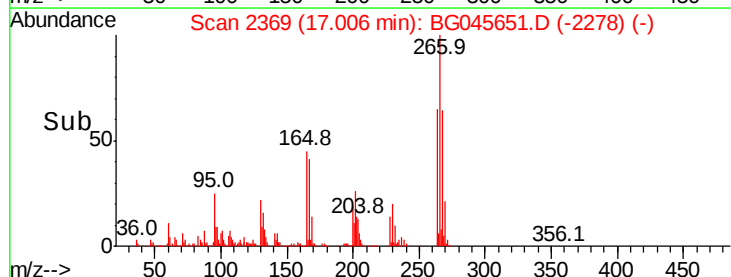
264 65.1 51.0 76.4

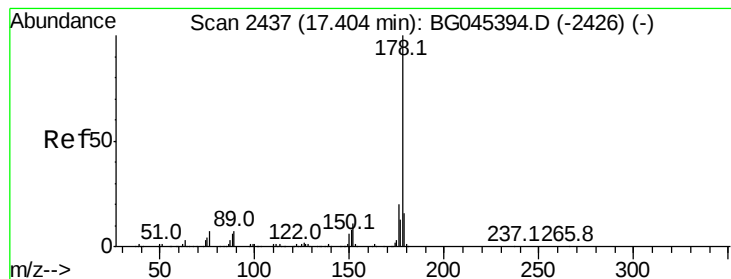


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 54.444 ng

RT: 17.39 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MS

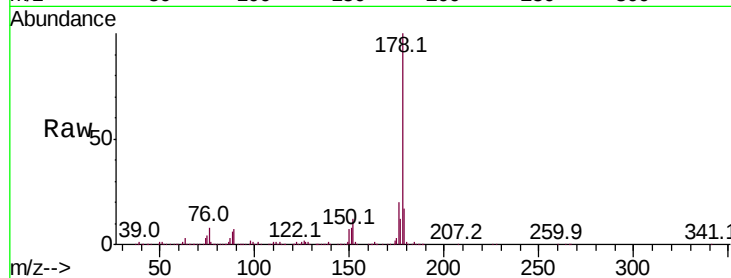
Tot Ion:178 Resp: 924335

Ion Ratio Lower Upper

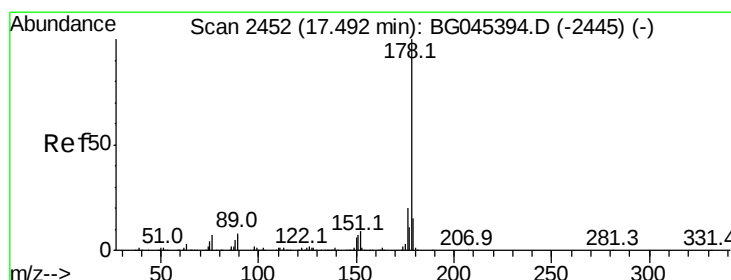
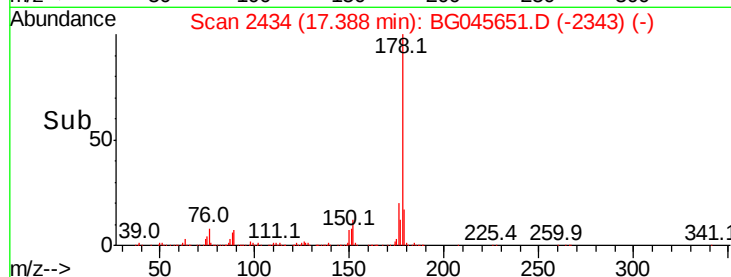
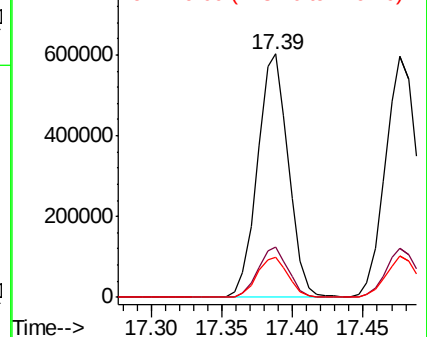
178 100

176 20.5 16.2 24.4

179 16.7 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 54.916 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

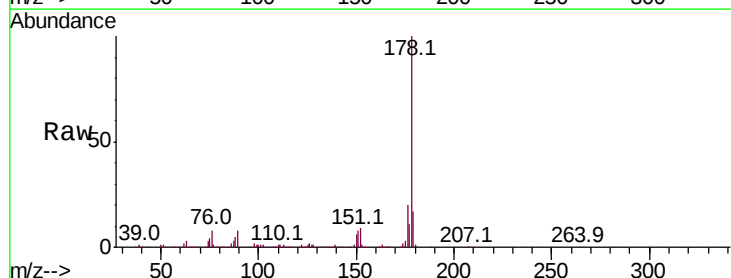
Tgt Ion:178 Resp: 936308

Ion Ratio Lower Upper

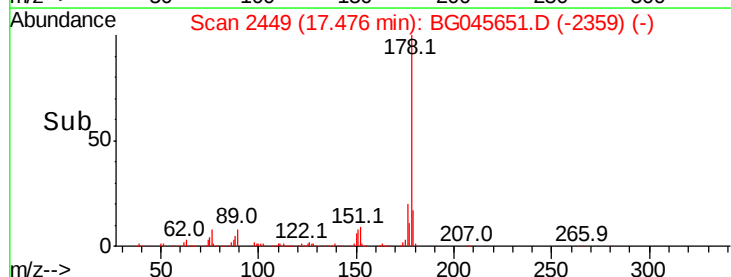
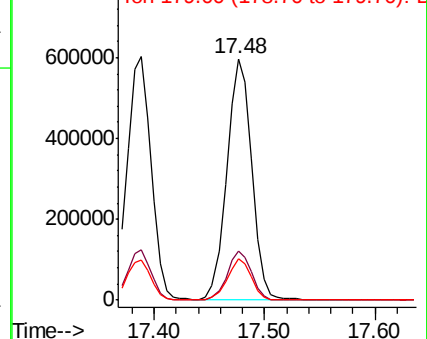
178 100

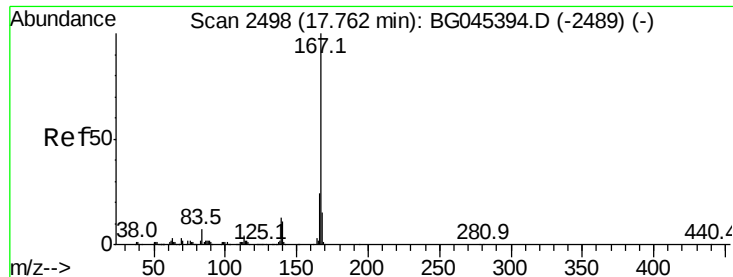
176 20.3 15.8 23.6

179 17.0 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 52.566 ng

RT: 17.75 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MS

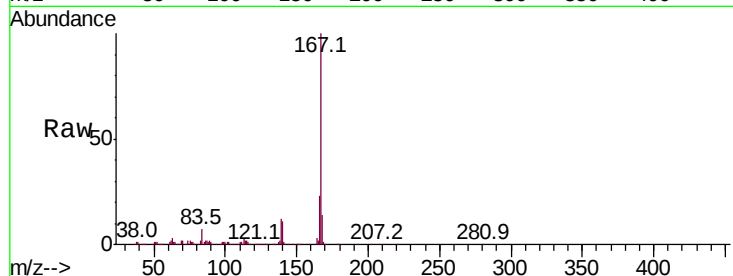
Tot Ion:167 Resp: 873617

Ion Ratio Lower Upper

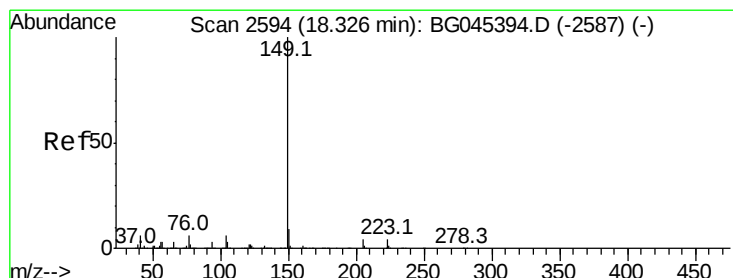
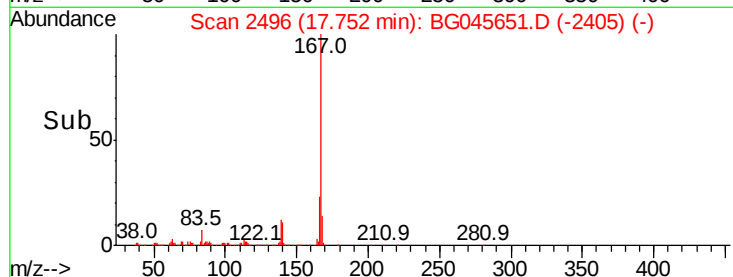
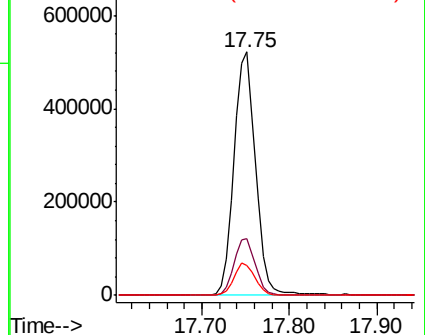
167 100

166 23.3 19.2 28.8

139 12.5 10.6 16.0



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



#74

Di-n-butylphthalate

Concen: 52.797 ng

RT: 18.31 min Scan# 2591

Delta R.T. 0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

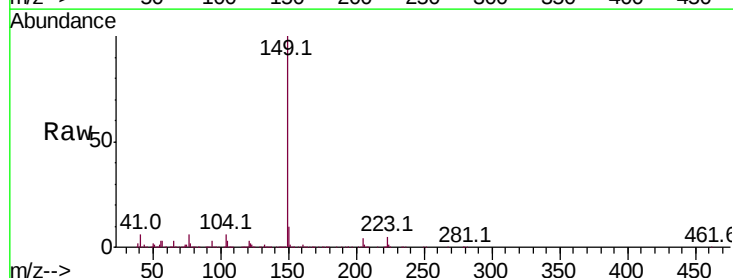
Tgt Ion:149 Resp: 1053159

Ion Ratio Lower Upper

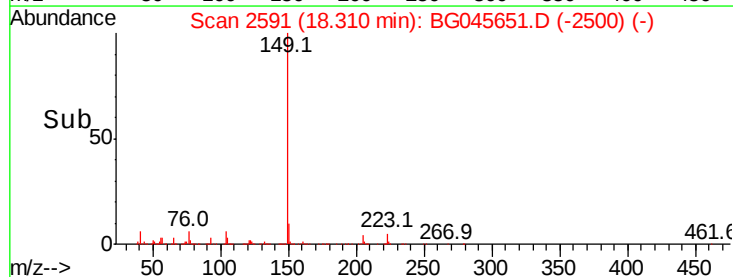
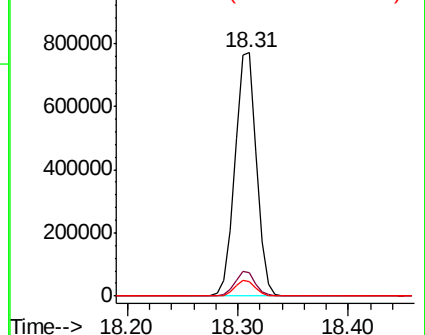
149 100

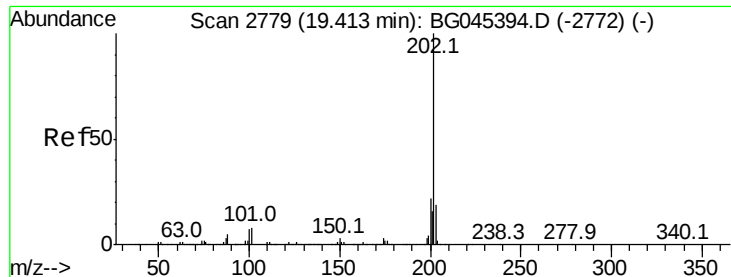
150 9.5 7.6 11.4

104 6.1 5.0 7.4



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





#75

Fluoranthene

Concen: 53.762 ng

RT: 19.40 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MS

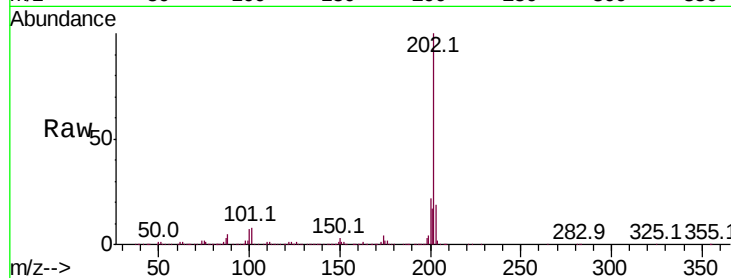
Tot Ion:202 Resp: 1160988

Ion Ratio Lower Upper

202 100

101 8.0 0.0 28.3

203 19.4 0.0 39.0

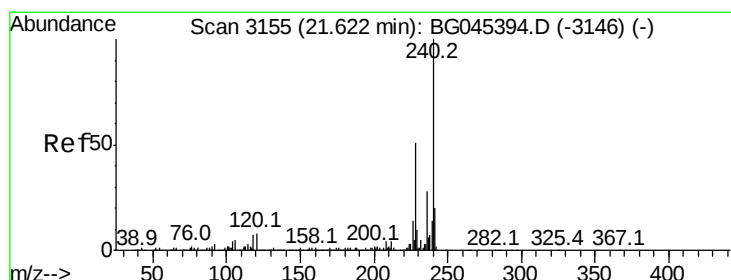
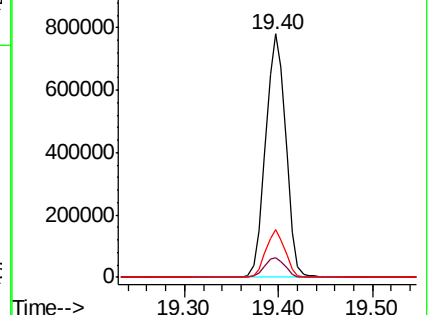
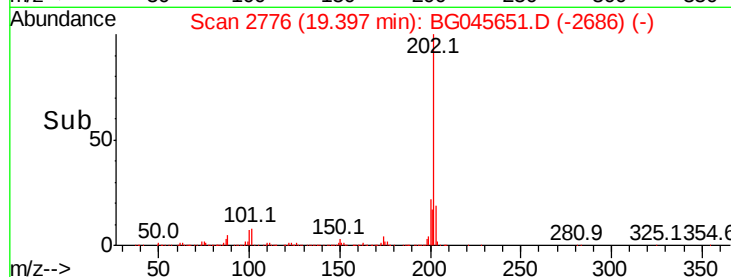


Abundance

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# 3152

Delta R.T. 0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

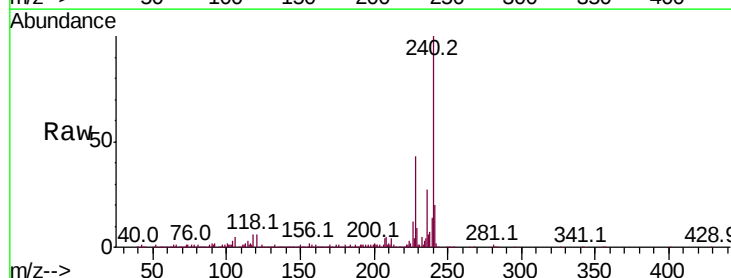
Tgt Ion:240 Resp: 371774

Ion Ratio Lower Upper

240 100

120 6.5 6.1 9.1

236 26.6 22.3 33.5

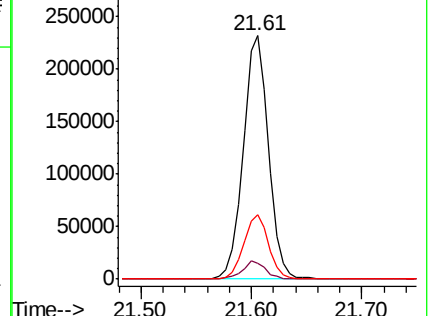
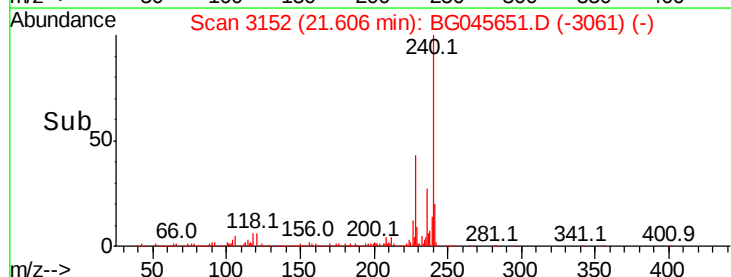


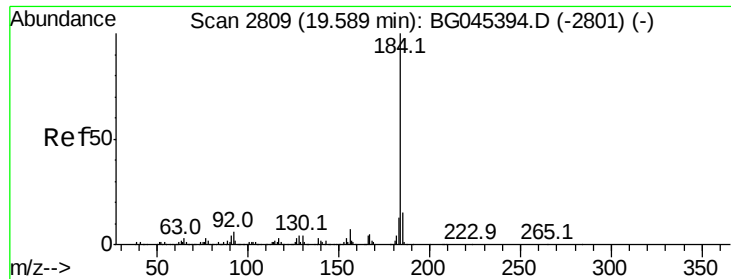
Abundance

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: 30.690 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MS

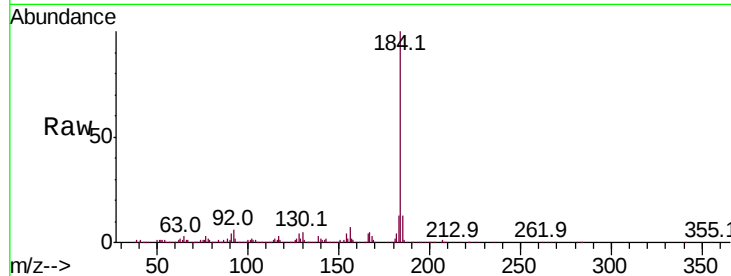
Tot Ion:184 Resp: 320445

Ion Ratio Lower Upper

184 100

185 13.2 11.7 17.5

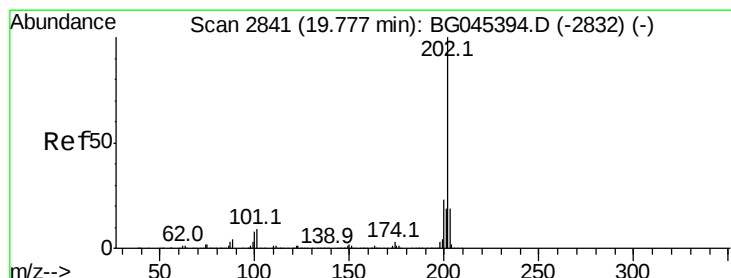
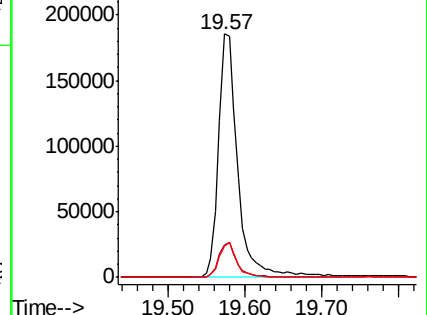
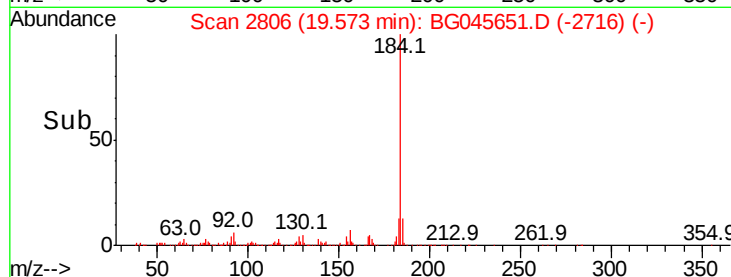
183 13.0 10.2 15.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 55.043 ng

RT: 19.76 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

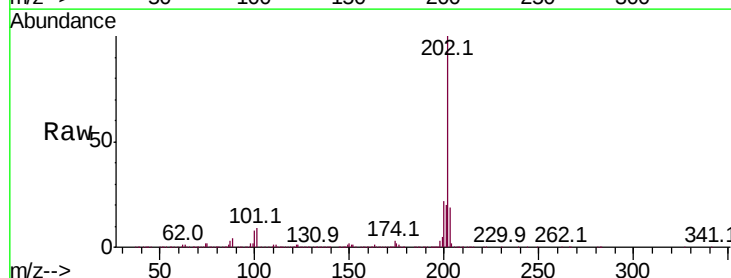
Tgt Ion:202 Resp: 1166514

Ion Ratio Lower Upper

202 100

200 21.7 18.2 27.2

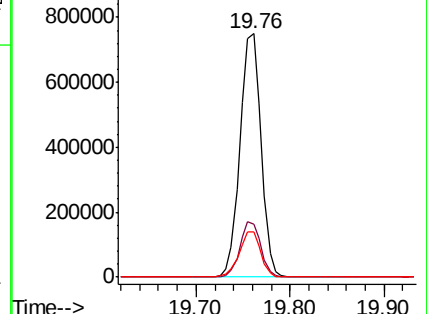
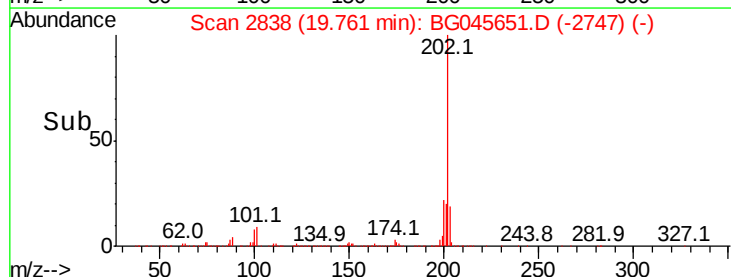
203 18.8 15.1 22.7

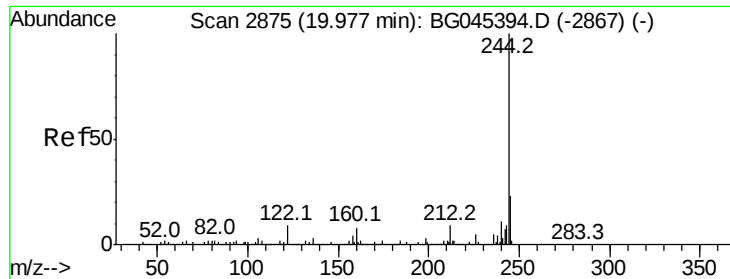


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 113.153 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MS

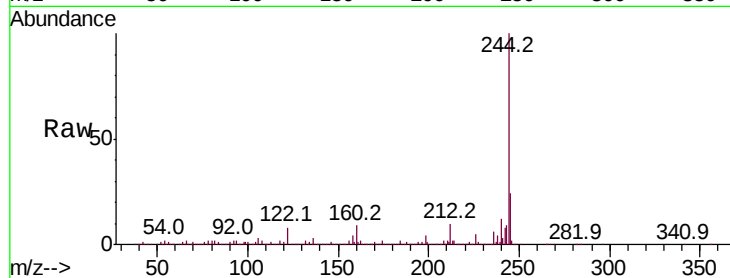
Tot Ion:244 Resp: 1803683

Ion Ratio Lower Upper

244 100

212 9.7 7.4 11.0

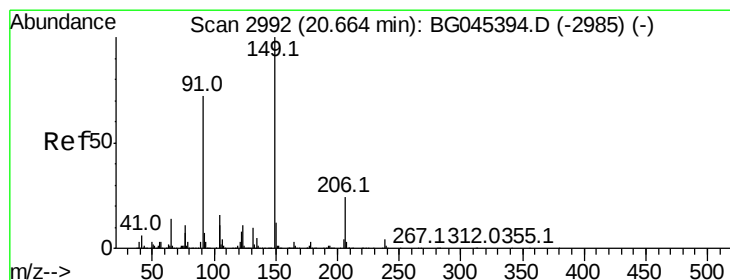
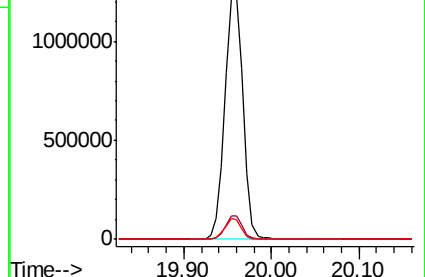
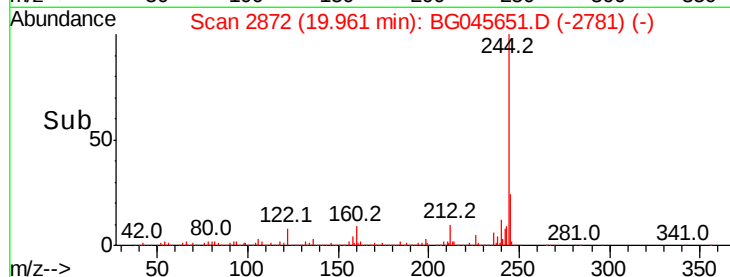
122 8.1 6.8 10.2



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: 51.926 ng

RT: 20.65 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

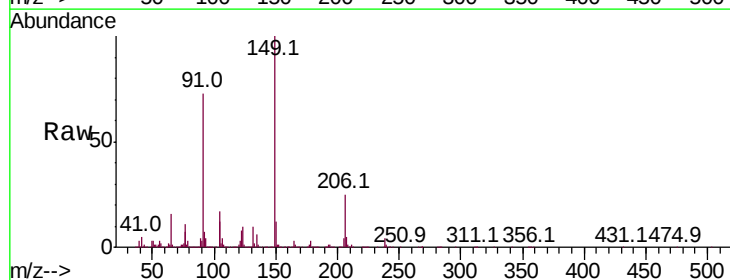
Tgt Ion:149 Resp: 474986

Ion Ratio Lower Upper

149 100

91 72.7 57.8 86.6

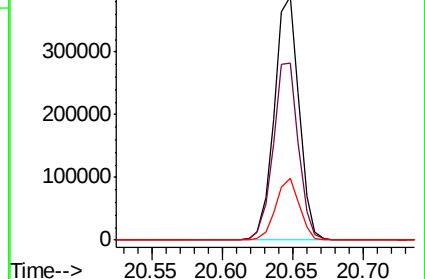
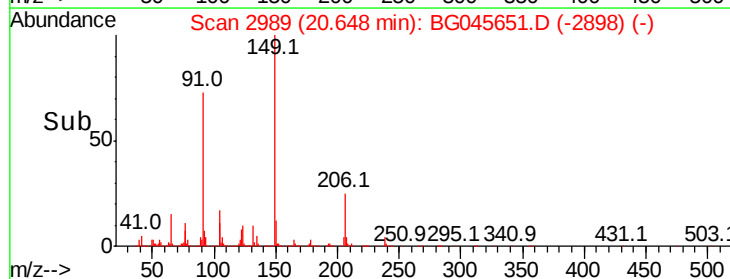
206 25.2 19.1 28.7

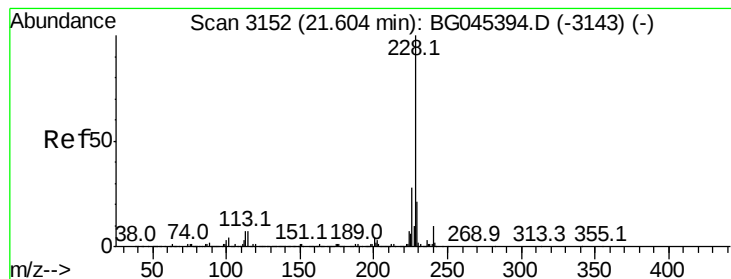


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 54.155 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

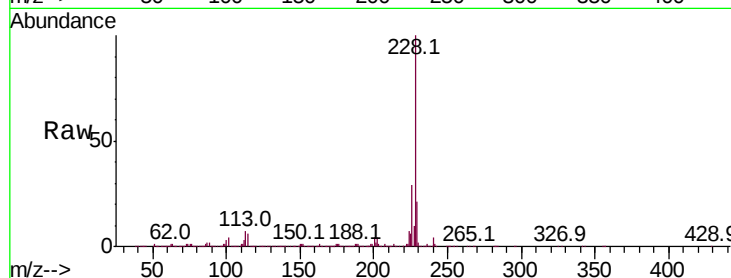
BNA_G

ClientSampleId :

PL-01-060320MS

Tot Ion:228 Resp: 1121575

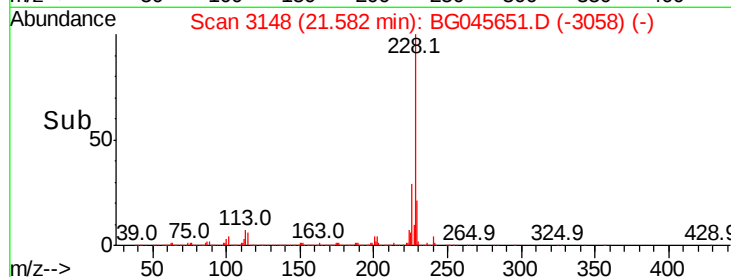
Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.7	34.1
229	21.2	16.7	25.1



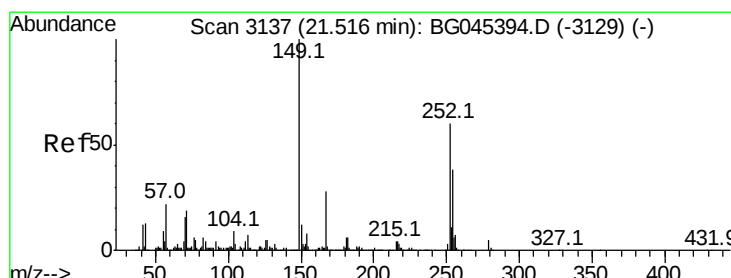
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 34.852 ng

RT: 21.50 min Scan# 3134

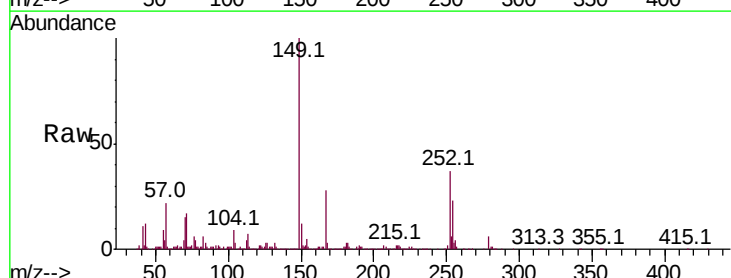
Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Tgt Ion:252 Resp: 283132

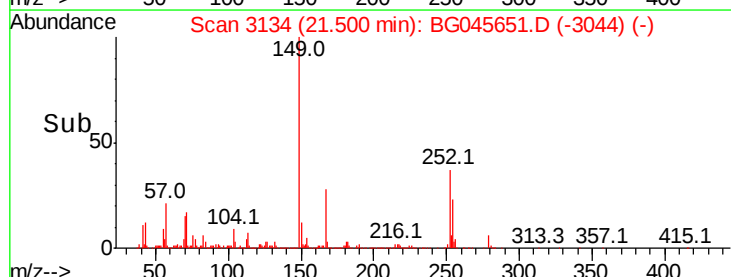
Ion	Ratio	Lower	Upper
252	100		
254	61.5	51.3	76.9
126	7.9	6.6	10.0



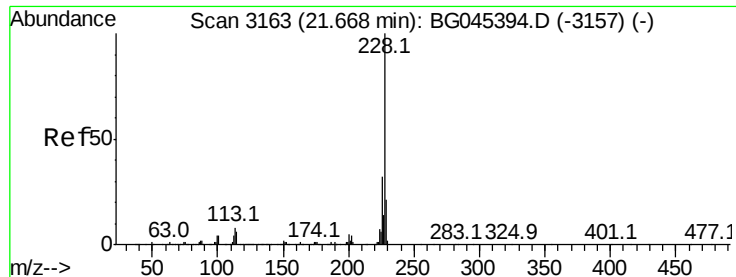
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->



#83

Chrysene

Concen: 54.006 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

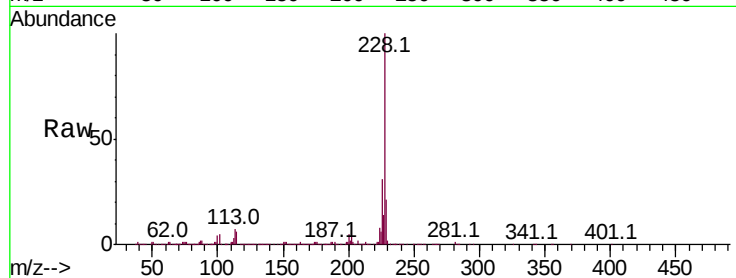
BNA_G

ClientSampleId :

PL-01-060320MS

Tot Ion:228 Resp: 1075459

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.2	37.8
229	21.1	16.7	25.1

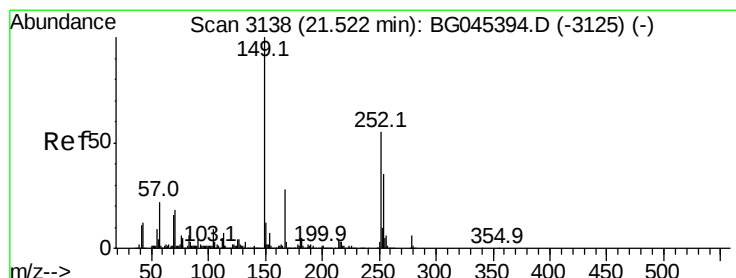
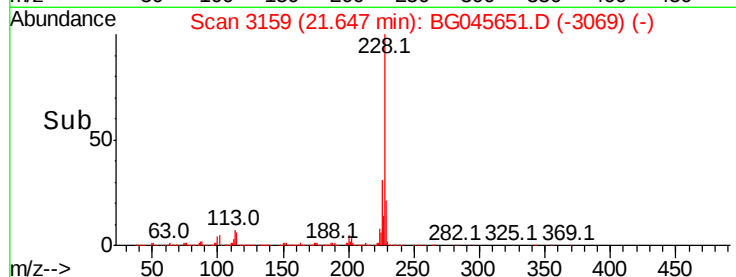
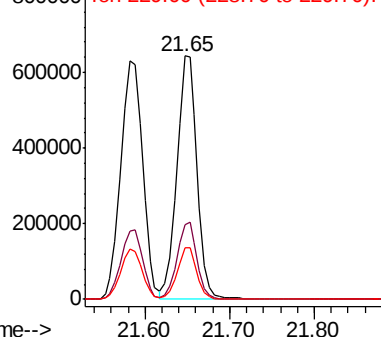


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.142 ng

RT: 21.49 min Scan# 3133

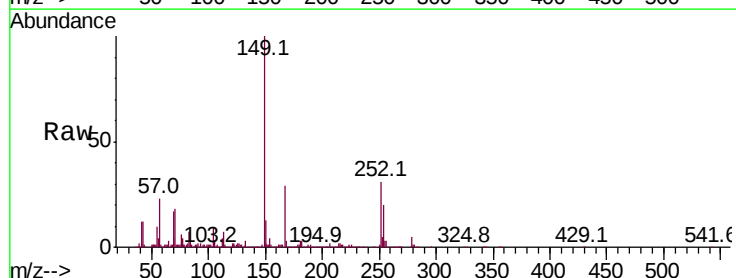
Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Tgt Ion:149 Resp: 668228

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.2	33.2
279	5.4	4.7	7.1

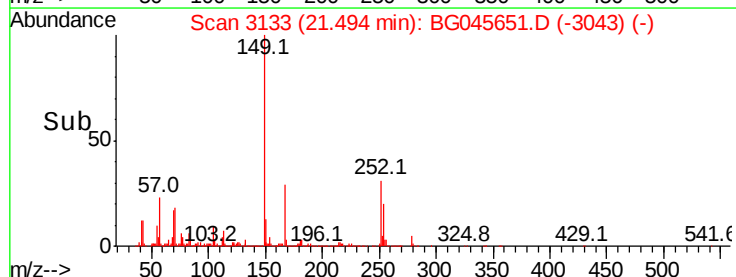
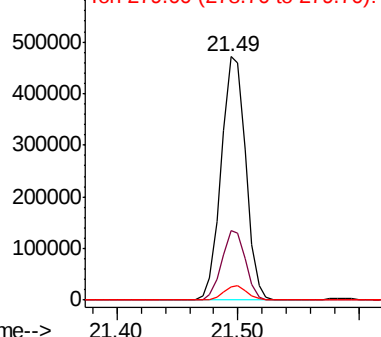


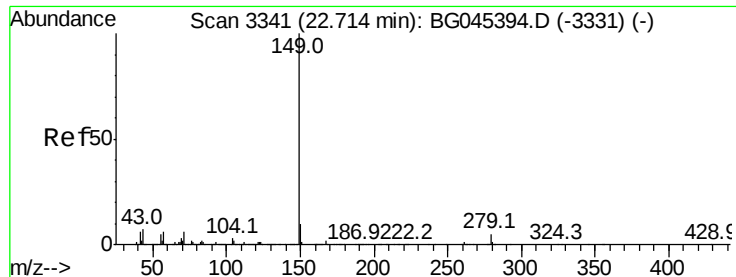
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 51.326 ng

RT: 22.68 min Scan# 3335

Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MS

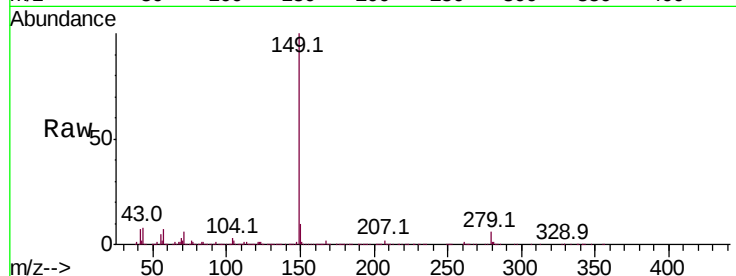
Tot Ion:149 Resp: 1108478

Ion Ratio Lower Upper

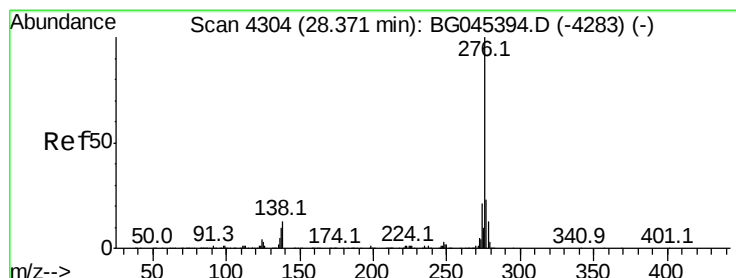
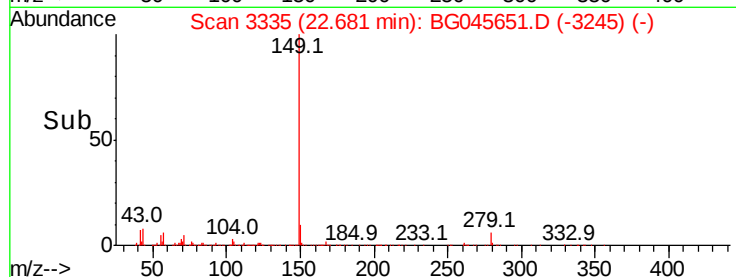
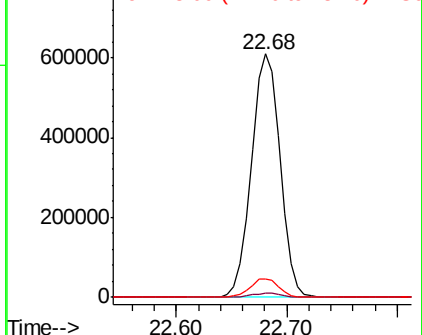
149 100

167 1.7 1.4 2.0

43 7.4 5.8 8.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 53.099 ng

RT: 28.33 min Scan# 4296

Delta R.T. 0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

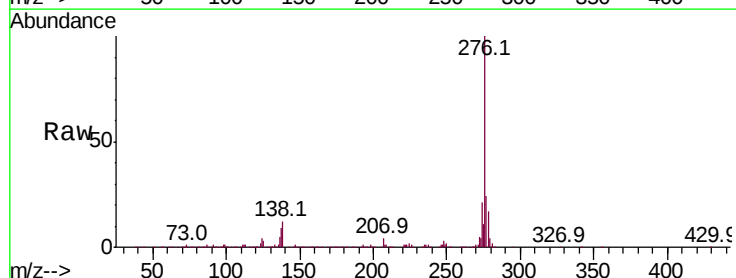
Tgt Ion:276 Resp: 1382740

Ion Ratio Lower Upper

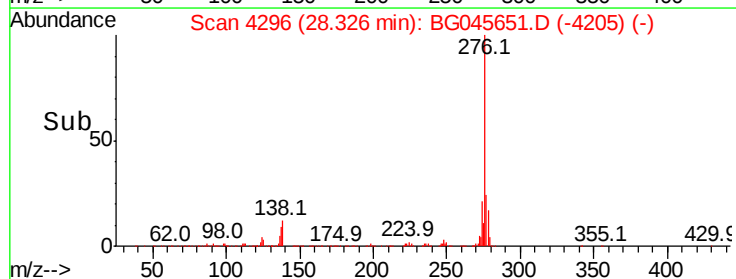
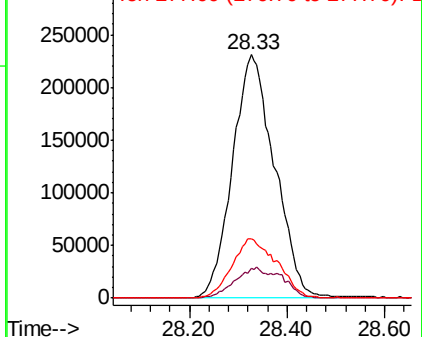
276 100

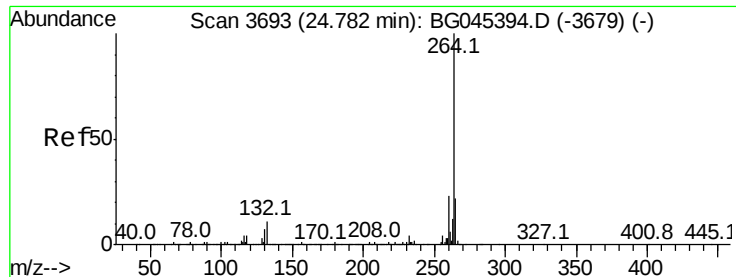
138 9.2 8.6 12.8

277 25.9 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# 3687

Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MS

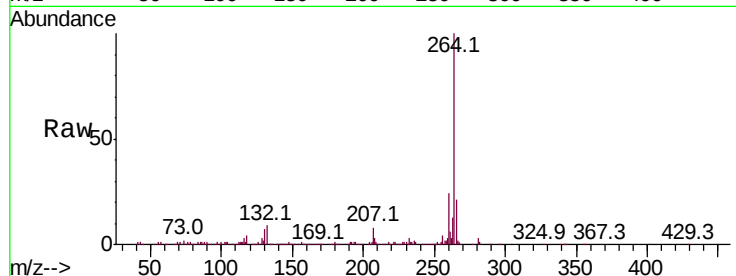
Tot Ion:264 Resp: 398102

Ion Ratio Lower Upper

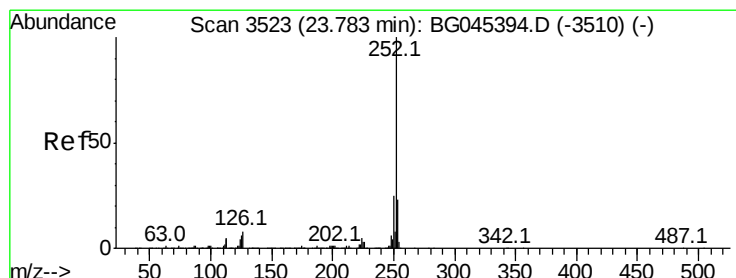
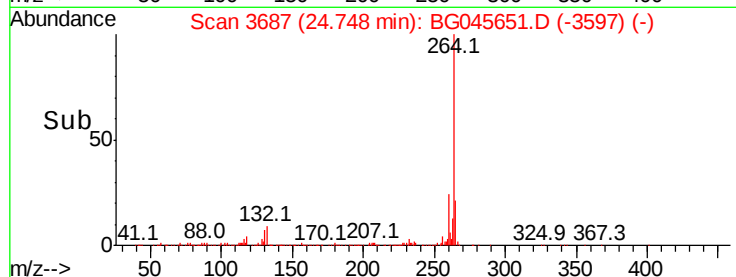
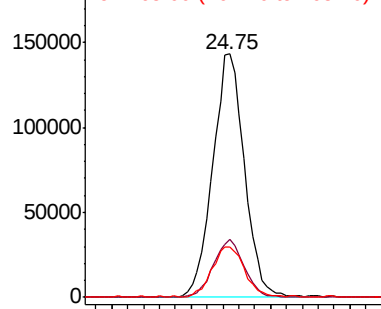
264 100

260 23.7 18.2 27.4

265 20.8 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: 56.070 ng

RT: 23.76 min Scan# 3518

Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

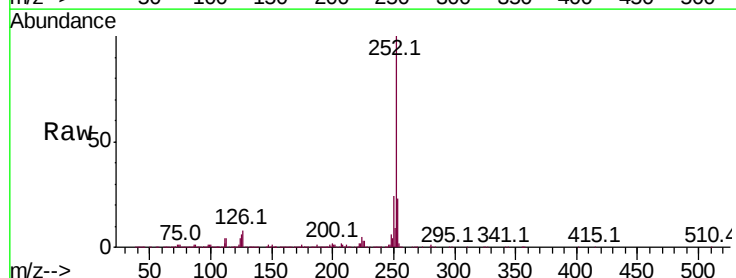
Tgt Ion:252 Resp: 1197143

Ion Ratio Lower Upper

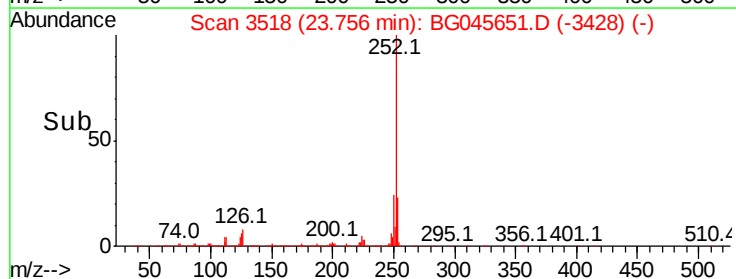
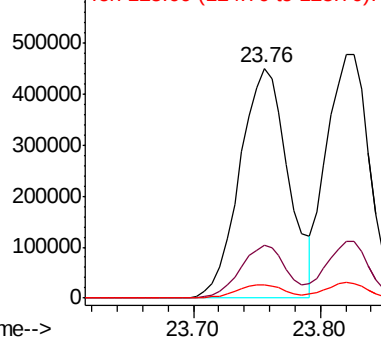
252 100

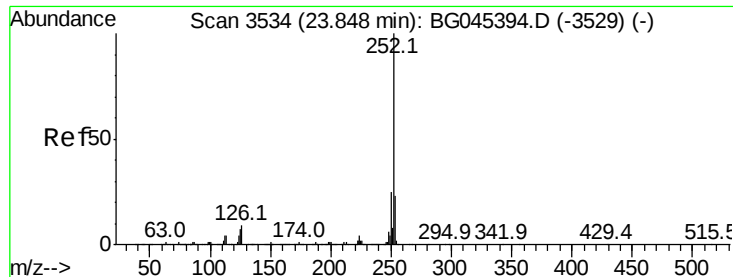
253 22.9 18.1 27.1

125 6.0 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

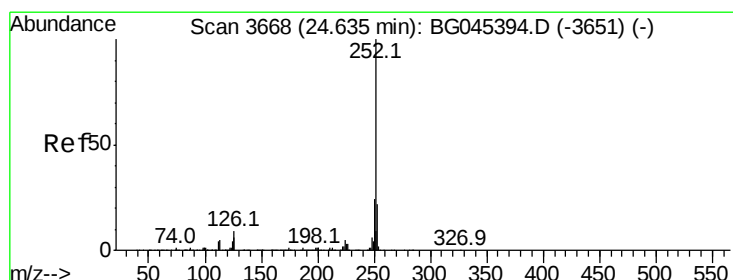
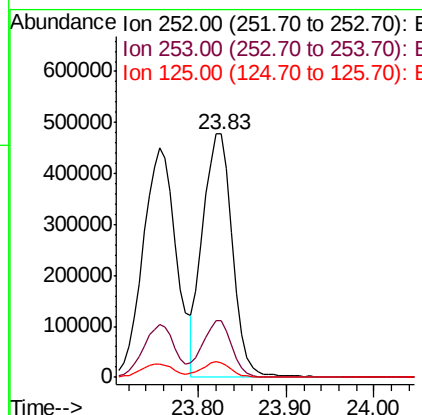
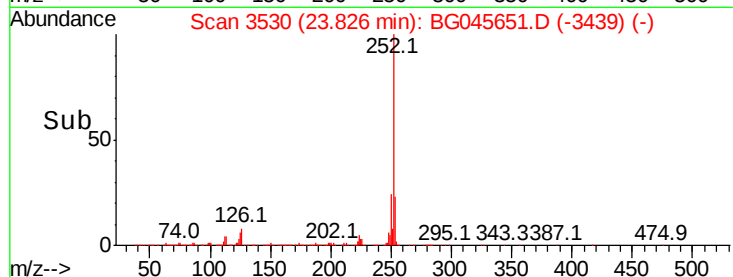
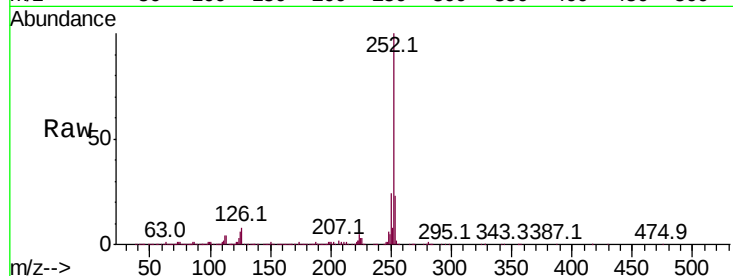




#89
Benzo(k)fluoranthene
Concen: 56.151 ng
RT: 23.83 min Scan# 3530
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

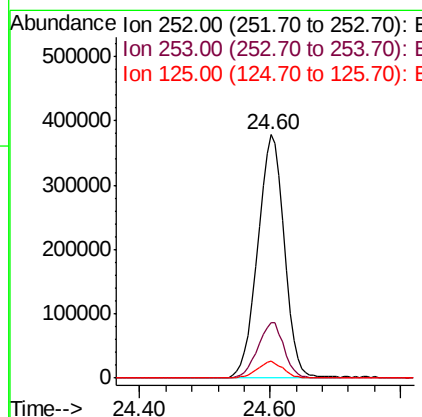
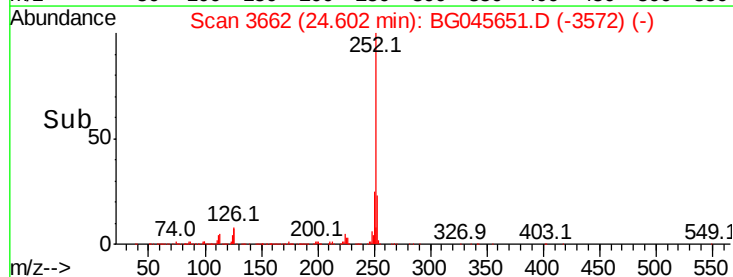
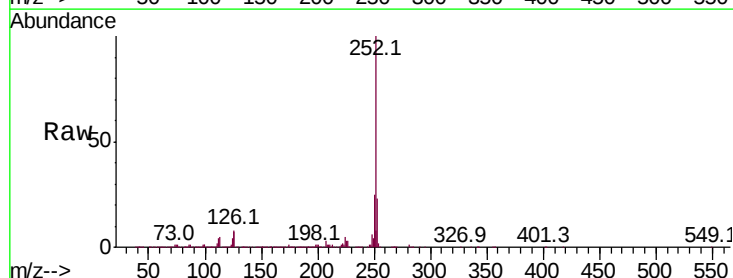
Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

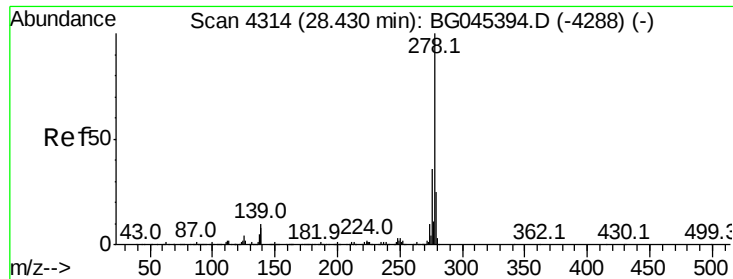
Tot Ion:252 Resp: 1126308
Ion Ratio Lower Upper
252 100
253 23.5 18.4 27.6
125 5.8 5.7 8.5



#90
Benzo(a)pyrene
Concen: 53.794 ng
RT: 24.60 min Scan# 3662
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion:252 Resp: 1069662
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 6.9 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 57.169 ng

RT: 28.38 min Scan# 4306

Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

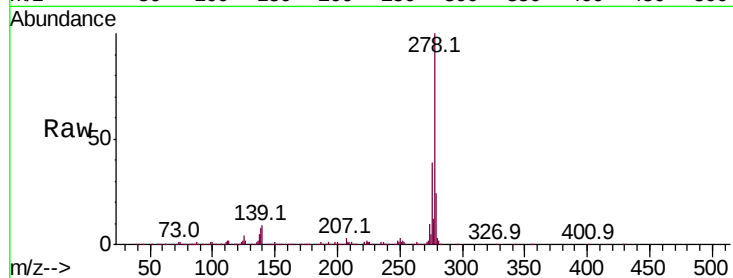
BNA_G

ClientSampleId :

PL-01-060320MS

Tot Ion:278 Resp: 1142347

Ion	Ratio	Lower	Upper
278	100		
139	9.1	7.8	11.8
279	23.8	19.8	29.8

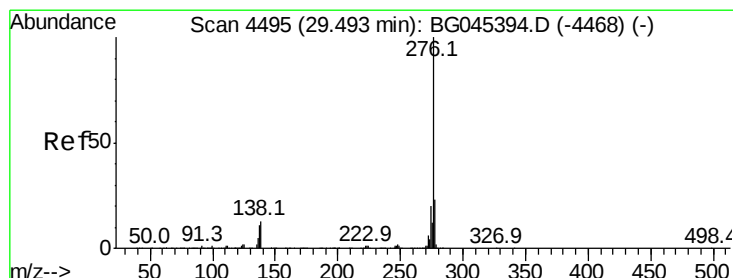
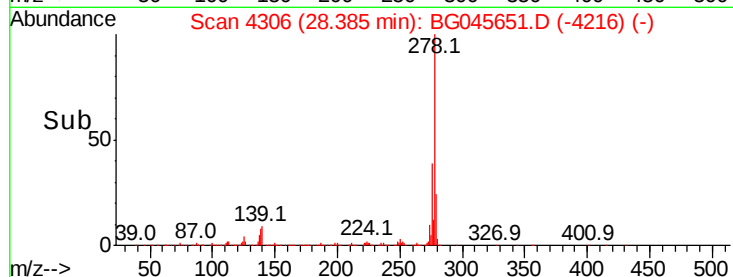
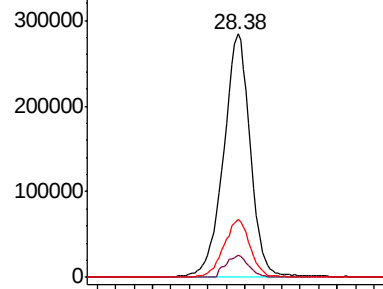


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 57.558 ng

RT: 29.44 min Scan# 4485

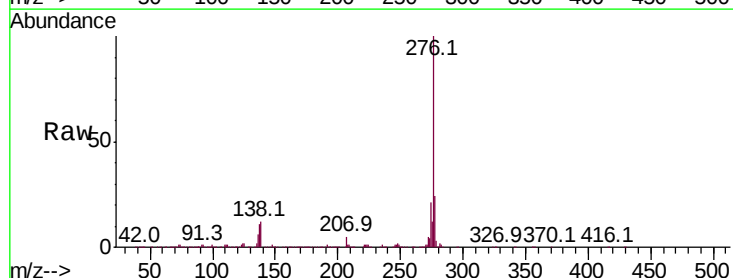
Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Tgt Ion:276 Resp: 1150267

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.1	27.1
138	12.3	10.2	15.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

