

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051120\
 Data File : BG045307.D
 Acq On : 11 May 2020 22:04
 Operator : CG/JU
 Sample : PB128734BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128734BS

Quant Time: May 12 00:50:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 13:27:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	69658	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	275513	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	197973	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	457787	20.00	ng	0.00
76) Chrysene-d12	21.63	240	425760	20.00	ng	0.00
87) Perylene-d12	24.79	264	478382	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	514854	122.02	ng	0.00
7) Phenol-d6	7.15	99	705622	112.56	ng	0.00
23) Nitrobenzene-d5	9.13	82	444585	73.63	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	320256	104.71	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	998385	73.95	ng	0.00
79) Terphenyl-d14	19.98	244	1666159	85.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	71145	37.942	ng	97
3) Pyridine	3.83	79	165366	28.643	ng	96
4) n-Nitrosodimethylamine	3.74	42	71310	40.320	ng	100
6) Aniline	7.29	93	225056	27.612	ng	99
8) 2-Chlorophenol	7.54	128	195409	43.093	ng	99
9) Benzaldehyde	7.11	77	147135	42.356	ng	99
10) Phenol	7.17	94	257827	41.101	ng	96
11) bis(2-Chloroethyl)ether	7.39	93	176240	35.287	ng	96
12) 1,3-Dichlorobenzene	7.86	146	206131	38.577	ng	98
13) 1,4-Dichlorobenzene	8.01	146	208214	39.106	ng	96
14) 1,2-Dichlorobenzene	8.33	146	197555	38.784	ng	97
15) Benzyl Alcohol	8.21	79	196564	37.399	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.51	45	162978	33.243	ng	95
17) 2-Methylphenol	8.42	107	173282	35.802	ng	95
18) Hexachloroethane	9.06	117	77650	38.794	ng	96
19) n-Nitroso-di-n-propylamine	8.78	70	151620	34.200	ng	# 93
20) 3+4-Methylphenols	8.75	107	238312	35.178	ng	99
22) Acetophenone	8.80	105	293951	39.453	ng	# 98
24) Nitrobenzene	9.17	77	239352	38.672	ng	96
25) Isophorone	9.70	82	438407	35.455	ng	98
26) 2-Nitrophenol	9.89	139	108259	40.607	ng	96
27) 2,4-Dimethylphenol	9.96	122	176645	41.758	ng	93
28) bis(2-Chloroethoxy)methane	10.18	93	244236	37.593	ng	96
29) 2,4-Dichlorophenol	10.44	162	198858	40.711	ng	99
30) 1,2,4-Trichlorobenzene	10.65	180	213291	38.567	ng	95
31) Naphthalene	10.84	128	586886	38.939	ng	100
32) Benzoic acid	10.11	122	92554	29.861	ng	98
33) 4-Chloroaniline	10.94	127	109592	15.591	ng	97
34) Hexachlorobutadiene	11.13	225	146726	38.696	ng	99
35) Caprolactam	11.70	113	32251	16.590	ng	95
36) 4-Chloro-3-methylphenol	12.07	107	223441	38.940	ng	97
37) 2-Methylnaphthalene	12.44	142	441052	37.701	ng	98
38) 1-Methylnaphthalene	12.66	142	408011	36.944	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	243221	38.157	ng	99

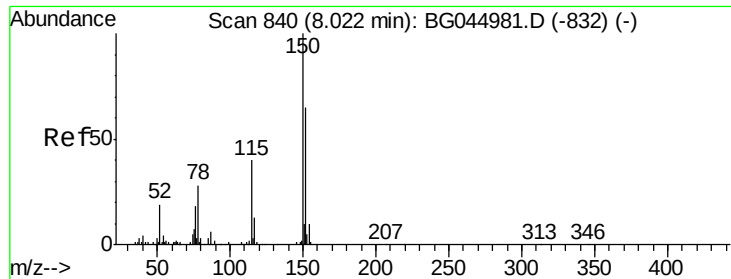
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051120\
 Data File : BG045307.D
 Acq On : 11 May 2020 22:04
 Operator : CG/JU
 Sample : PB128734BS
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Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 13:27:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	338510	84.968	ng	95
43) 2,4,6-Trichlorophenol	13.05	196	170768	37.960	ng	97
44) 2,4,5-Trichlorophenol	13.13	196	183252	35.787	ng	97
46) 1,1'-Biphenyl	13.45	154	560286	37.235	ng	97
47) 2-Chloronaphthalene	13.49	162	421706	36.677	ng	100
48) 2-Nitroaniline	13.69	65	137872	36.446	ng	98
49) Acenaphthylene	14.34	152	712515	38.045	ng	99
50) Dimethylphthalate	14.07	163	582061	36.108	ng	99
51) 2,6-Dinitrotoluene	14.18	165	131885	36.578	ng	99
52) Acenaphthene	14.68	154	419470	33.104	ng	98
53) 3-Nitroaniline	14.51	138	71966	18.199	ng	92
54) 2,4-Dinitrophenol	14.73	184	135794	63.338	ng	95
55) Dibenzofuran	15.02	168	683683	37.008	ng	97
56) 4-Nitrophenol	14.84	139	221495	72.239	ng	96
57) 2,4-Dinitrotoluene	14.98	165	188604	35.794	ng	97
58) Fluorene	15.67	166	560806	37.165	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	175991	38.626	ng	99
60) Diethylphthalate	15.44	149	595116	35.410	ng	99
61) 4-Chlorophenyl-phenylether	15.66	204	308072	35.470	ng	99
62) 4-Nitroaniline	15.68	138	126797	30.914	ng	95
63) Azobenzene	15.95	77	569798	36.773	ng	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	116442	38.697	ng	96
66) n-Nitrosodiphenylamine	15.88	169	508671	38.673	ng	99
67) 4-Bromophenyl-phenylether	16.55	248	216365	36.636	ng	97
68) Hexachlorobenzene	16.68	284	233375	38.102	ng	97
69) Atrazine	16.82	200	191924	39.412	ng	97
70) Pentachlorophenol	17.02	266	275168	73.232	ng	98
71) Phenanthrene	17.41	178	906954	38.554	ng	99
72) Anthracene	17.50	178	939885	39.830	ng	99
73) Carbazole	17.77	167	862206	36.005	ng	97
74) Di-n-butylphthalate	18.33	149	1016295	38.050	ng	99
75) Fluoranthene	19.42	202	1140578	40.654	ng	98
77) Benzidine	19.60	184	508266	40.639	ng	96
78) Pyrene	19.78	202	1127765	38.422	ng	98
80) Butylbenzylphthalate	20.67	149	466929	38.377	ng	99
81) Benzo(a)anthracene	21.61	228	1092155	39.578	ng	99
82) 3,3'-Dichlorobenzidine	21.53	252	213748	19.461	ng	96
83) Chrysene	21.67	228	1035068	39.039	ng	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	647668	38.705	ng	98
85) Di-n-octyl phthalate	22.72	149	1113741	38.489	ng	100
86) Indeno(1,2,3-cd)pyrene	28.39	276	1367716	38.853	ng	99
88) Benzo(b)fluoranthene	23.80	252	1185581	39.565	ng	96
89) Benzo(k)fluoranthene	23.86	252	1095818	38.453	ng	98
90) Benzo(a)pyrene	24.65	252	1073043	37.927	ng	98
91) Dibenzo(a,h)anthracene	28.45	278	1123536	39.411	ng	97
92) Benzo(g,h,i)perylene	29.51	276	1143597	40.012	ng	99

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

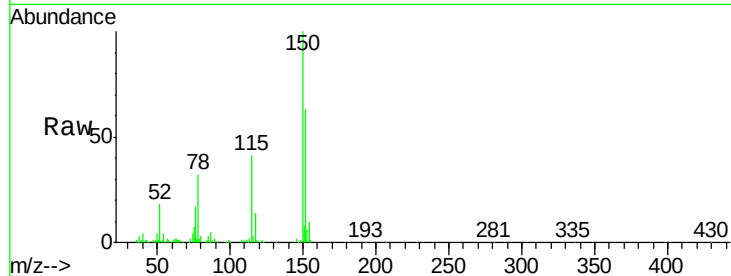


#1

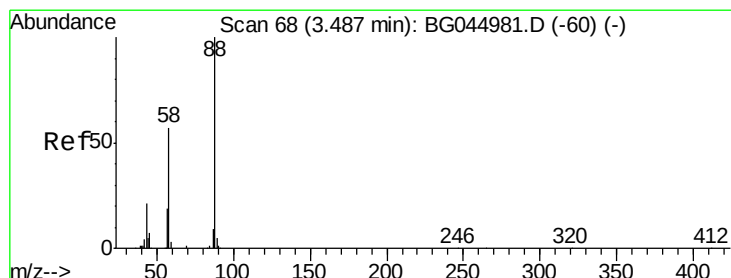
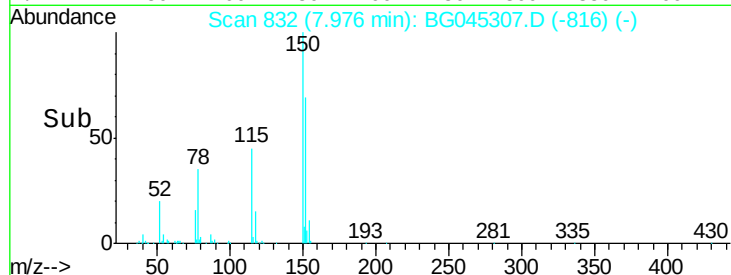
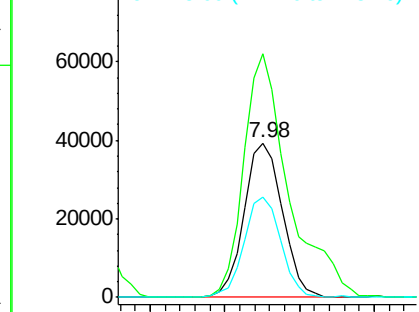
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BG045307.D
Acq: 11 May 2020 22:04

Instrument :
BNA_G
ClientSampleId :
PB128734BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	123.6	185.4
115	64.6	49.1	73.7



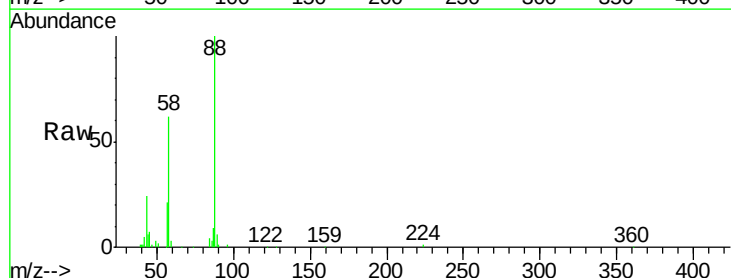
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



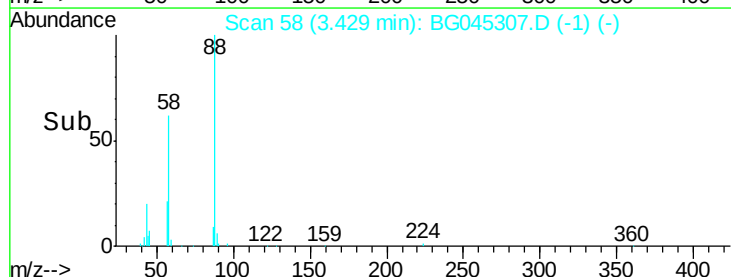
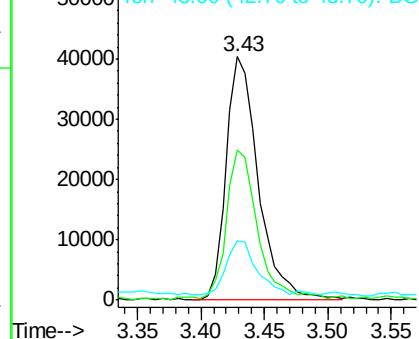
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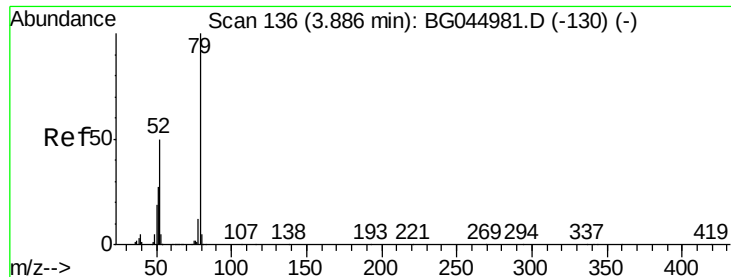
1,4-Dioxane
Concen: 37.942 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.01 min
Lab File: BG045307.D
Acq: 11 May 2020 22:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.1	46.6	69.8
43	20.9	17.5	26.3



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: 28.643 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

Instrument :

BNA_G

ClientSampleId :

PB128734BS

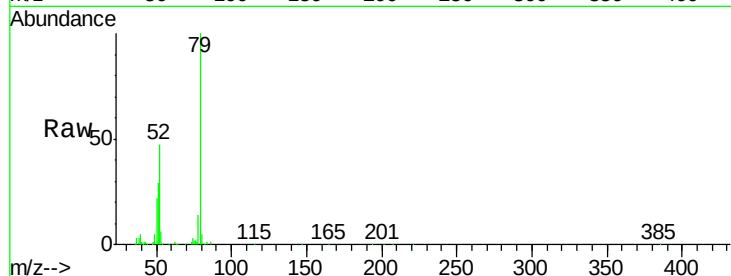
Tot Ion: 79 Resp: 165366

Ion Ratio Lower Upper

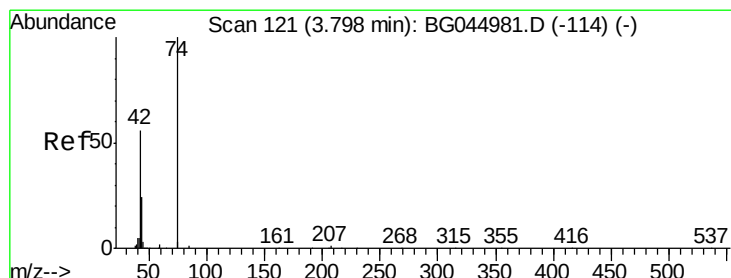
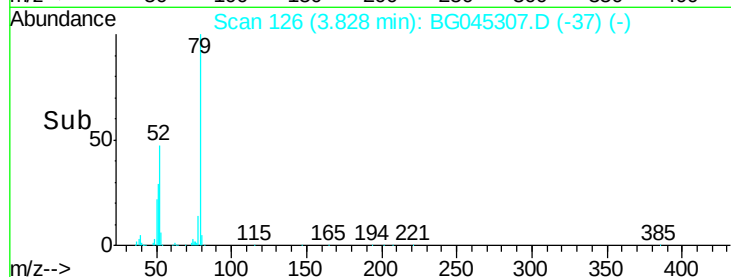
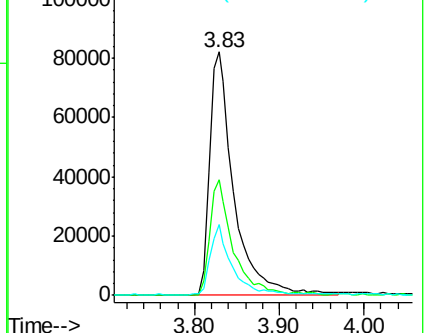
79 100

52 47.4 39.8 59.6

51 29.3 21.4 32.2



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: 40.320 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

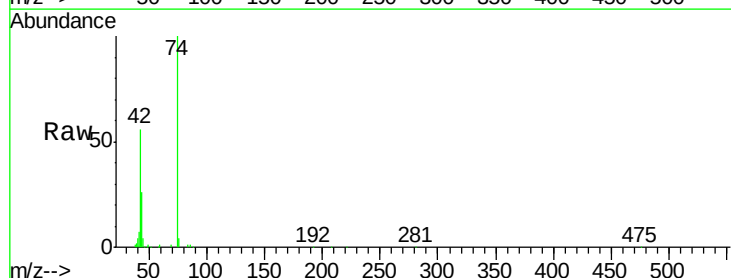
Tgt Ion: 42 Resp: 71310

Ion Ratio Lower Upper

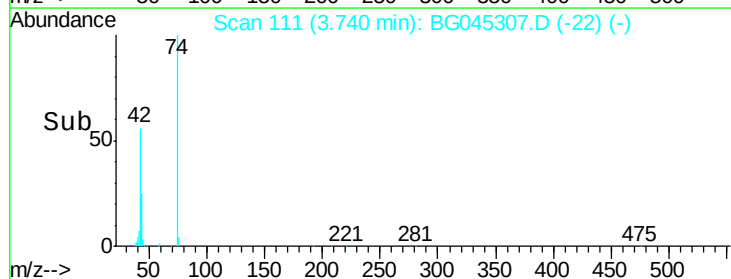
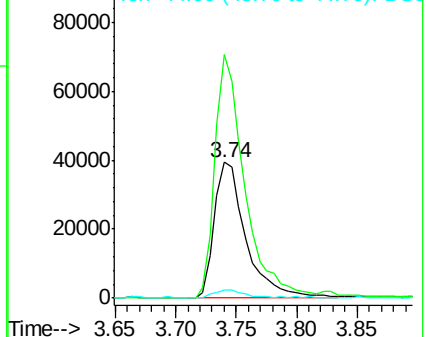
42 100

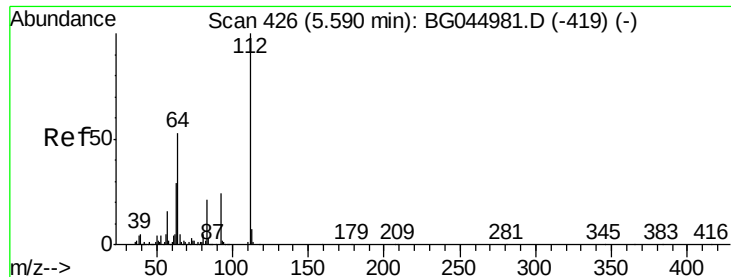
74 179.3 143.0 214.6

44 6.3 4.6 6.8



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: 122.024 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.00 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

Instrument :

BNA_G

ClientSampleId :

PB128734BS

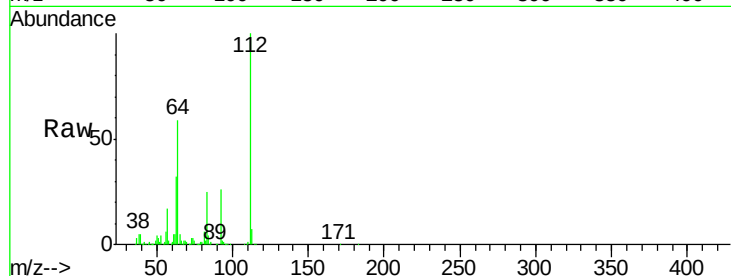
Tot Ion:112 Resp: 514854

Ion Ratio Lower Upper

112 100

64 58.9 42.4 63.6

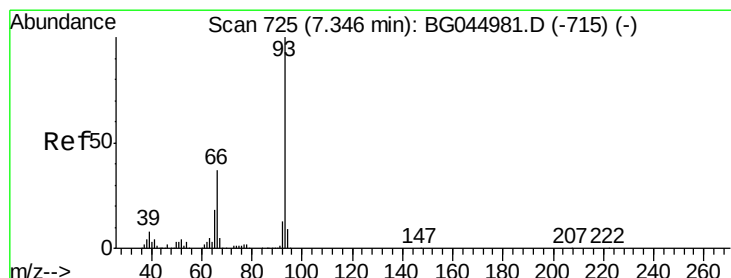
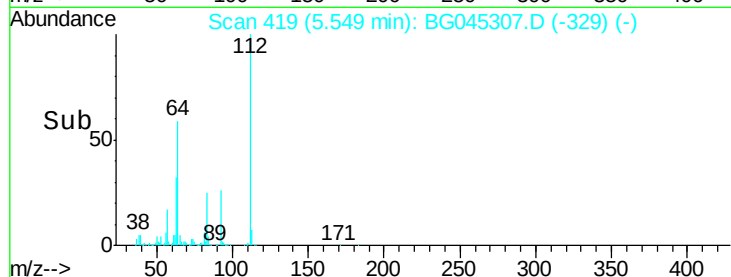
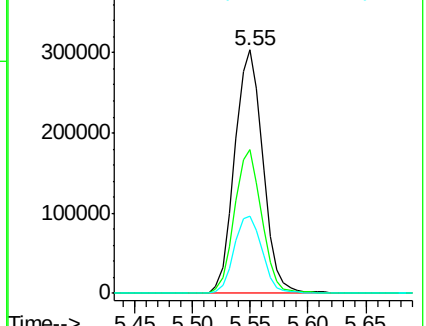
63 31.7 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 27.612 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

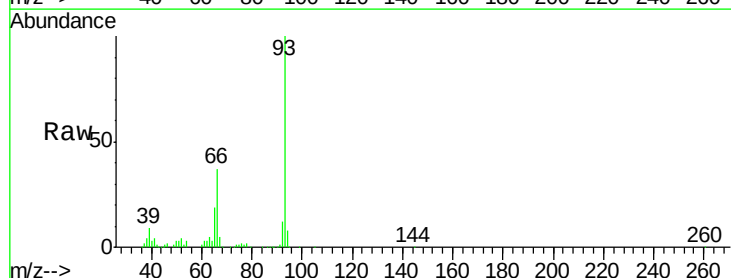
Tgt Ion: 93 Resp: 225056

Ion Ratio Lower Upper

93 100

66 36.5 29.8 44.8

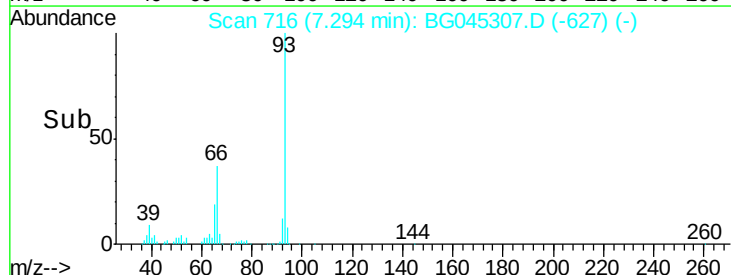
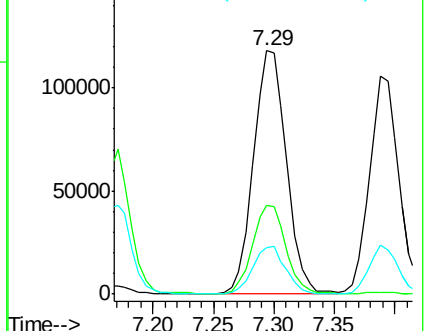
65 19.1 14.6 22.0

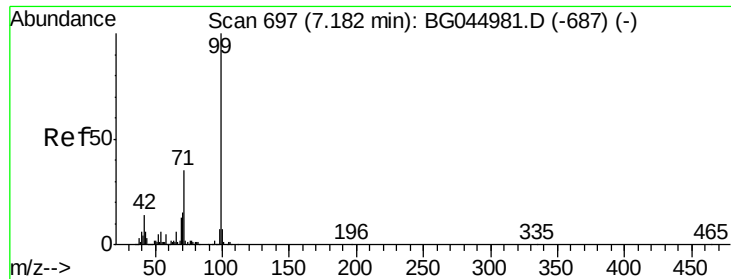


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 112.561 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

Instrument :

BNA_G

ClientSampleId :

PB128734BS

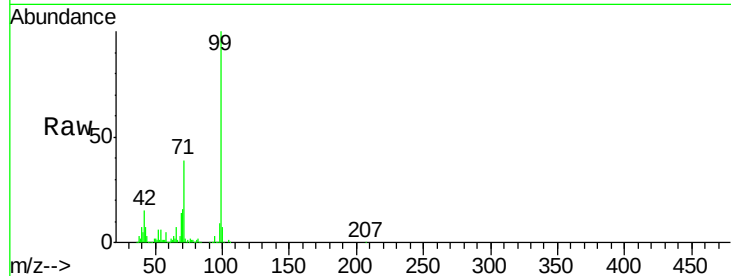
Tot Ion: 99 Resp: 705622

Ion Ratio Lower Upper

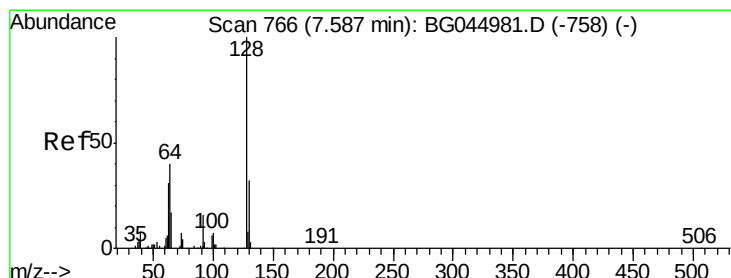
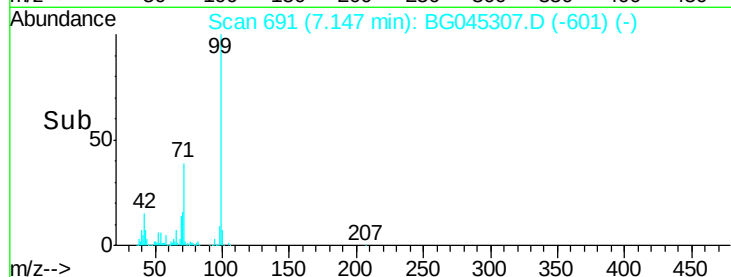
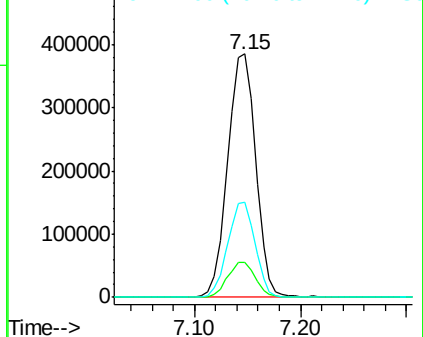
99 100

42 14.6 11.3 16.9

71 38.9 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 43.093 ng

RT: 7.54 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

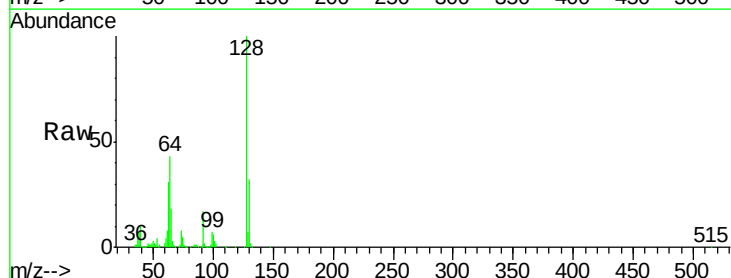
Tgt Ion: 128 Resp: 195409

Ion Ratio Lower Upper

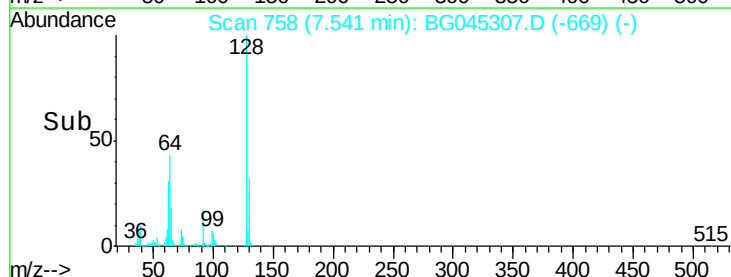
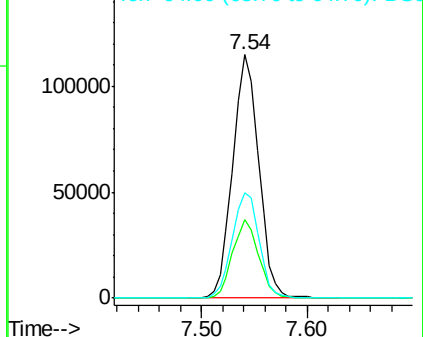
128 100

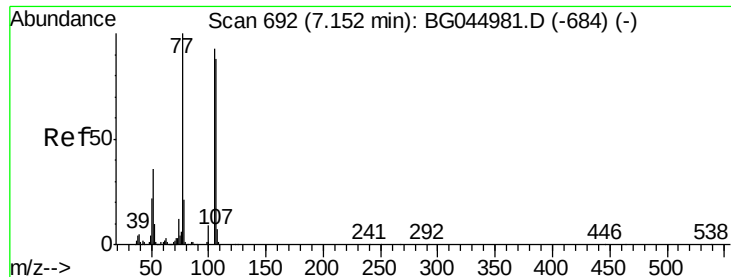
130 32.4 12.3 52.3

64 43.2 24.4 64.4



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





#9

Benzaldehyde

Concen: 42.356 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

Instrument :

BNA_G

ClientSampleId :

PB128734BS

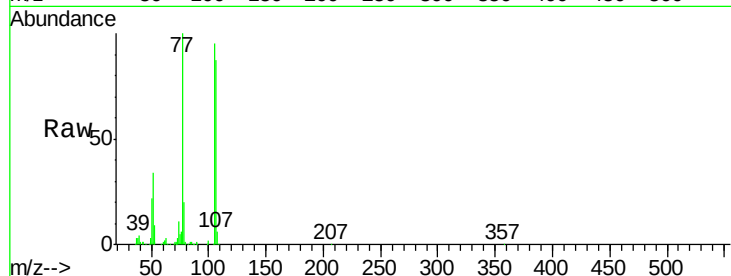
Tot Ion: 77 Resp: 147135

Ion Ratio Lower Upper

77 100

105 94.5 72.9 112.9

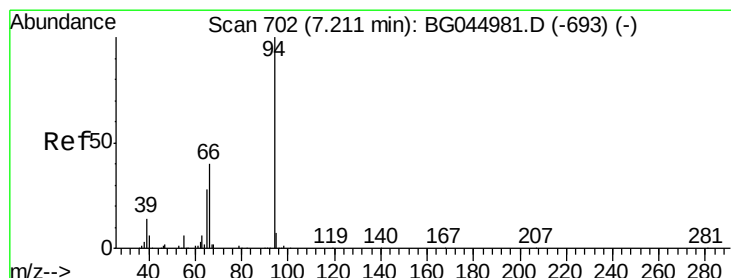
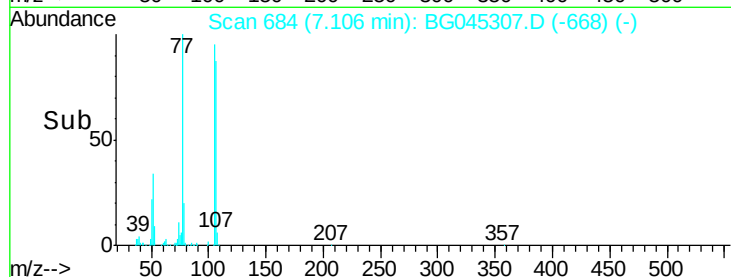
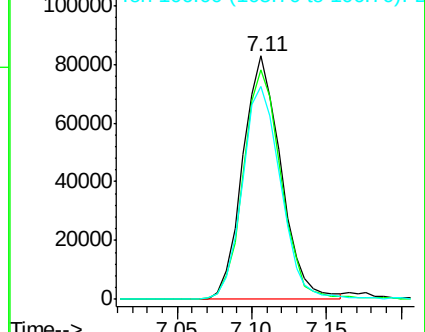
106 87.4 67.6 107.6



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: 41.101 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

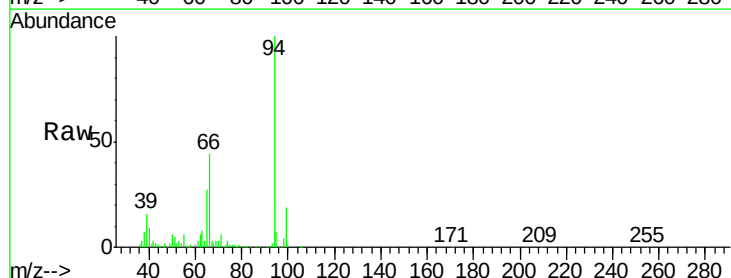
Tgt Ion: 94 Resp: 257827

Ion Ratio Lower Upper

94 100

65 27.2 8.2 48.2

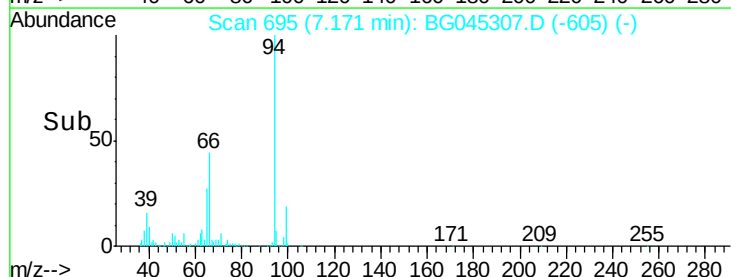
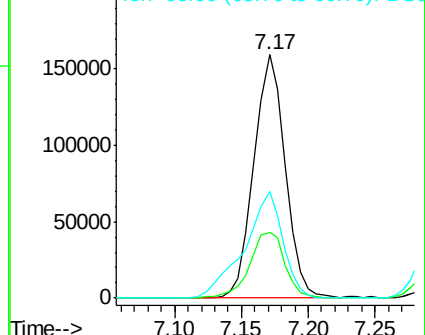
66 43.9 20.4 60.4

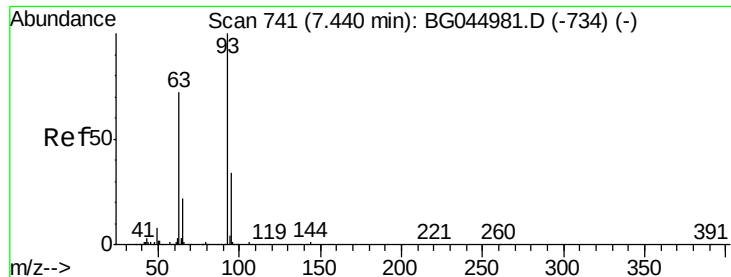


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

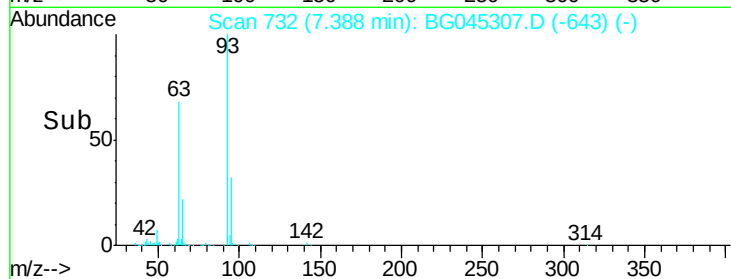
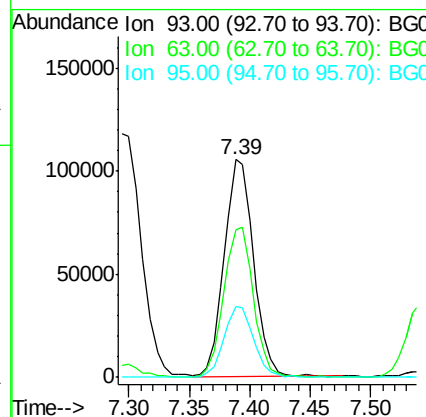
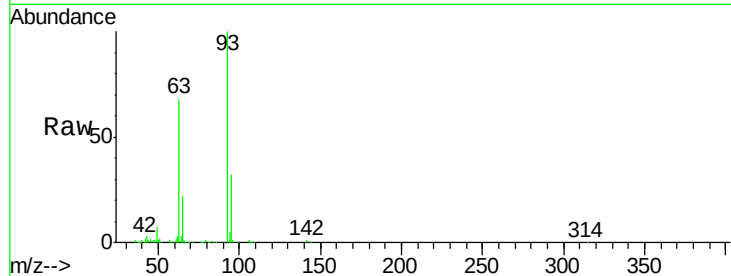




#11
bis(2-Chloroethyl)ether
Concen: 35.287 ng
RT: 7.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BG045307.D
Acq: 11 May 2020 22:04

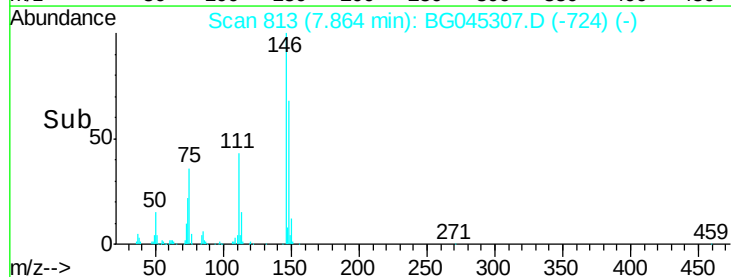
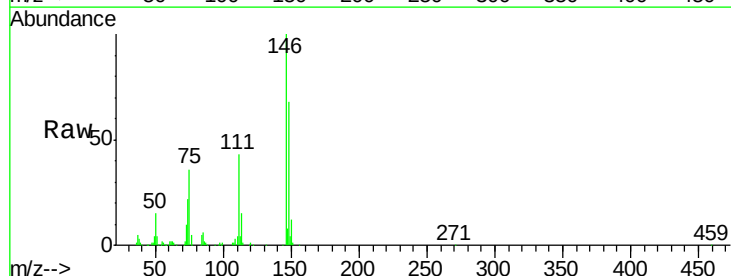
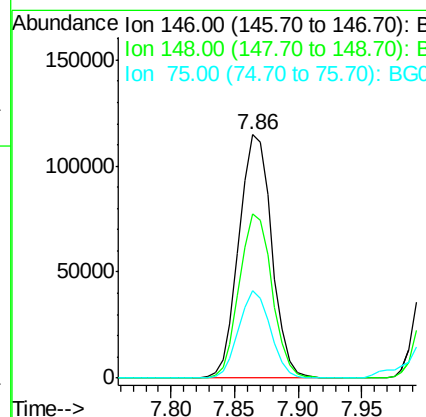
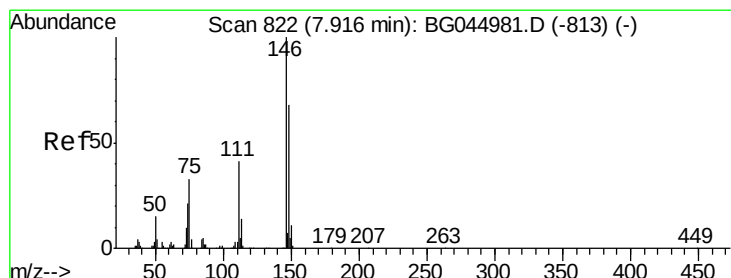
Instrument :
BNA_G
ClientSampleId :
PB128734BS

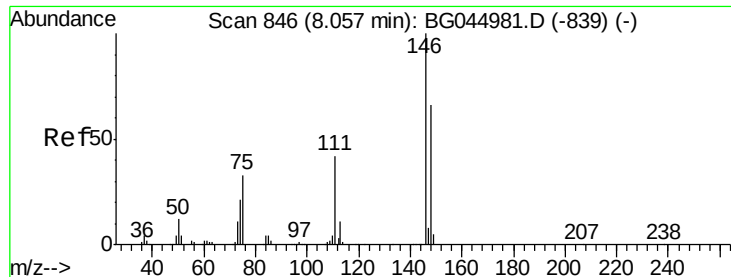
Tot Ion	93	Resp	176240
Ion Ratio	Lower	Upper	
93	100		
63	67.8	51.8	91.8
95	32.5	13.8	53.8



#12
1,3-Dichlorobenzene
Concen: 38.577 ng
RT: 7.86 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG045307.D
Acq: 11 May 2020 22:04

Tgt Ion	146	Resp	206131
Ion Ratio	Lower	Upper	
146	100		
148	67.7	54.6	81.8
75	36.1	26.0	39.0

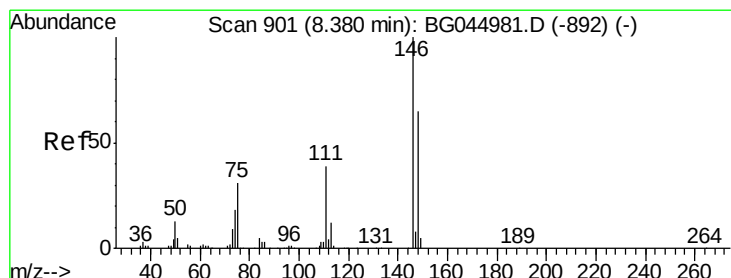
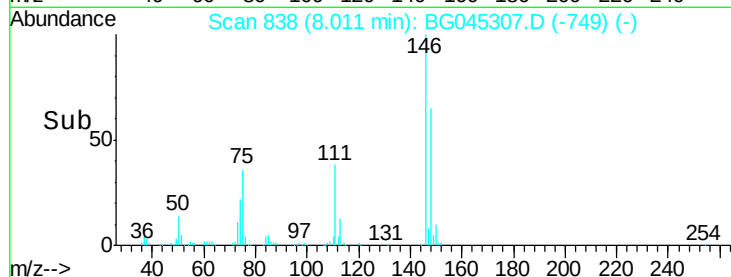
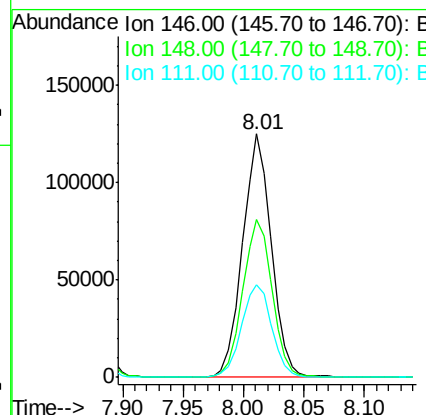
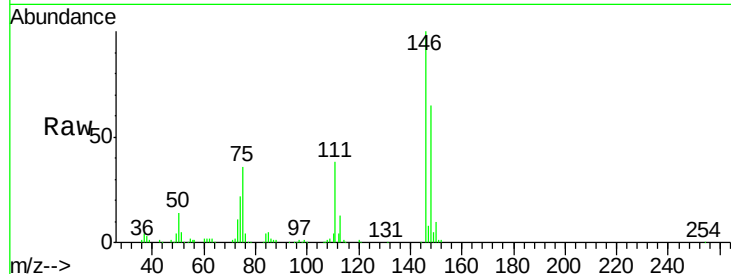




#13
 1,4-Dichlorobenzene
 Concen: 39.106 ng
 RT: 8.01 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BG045307.D
 Acq: 11 May 2020 22:04

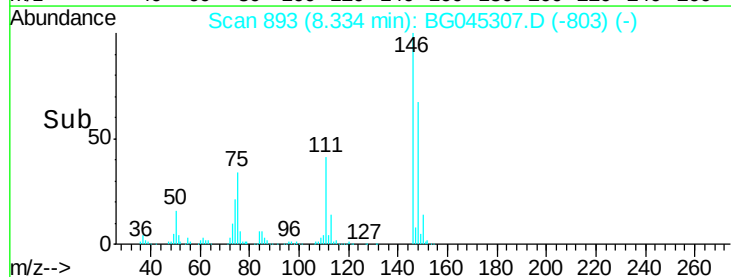
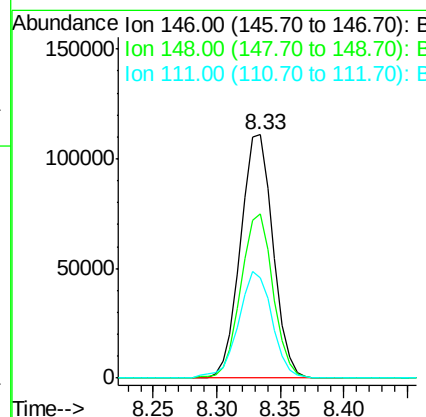
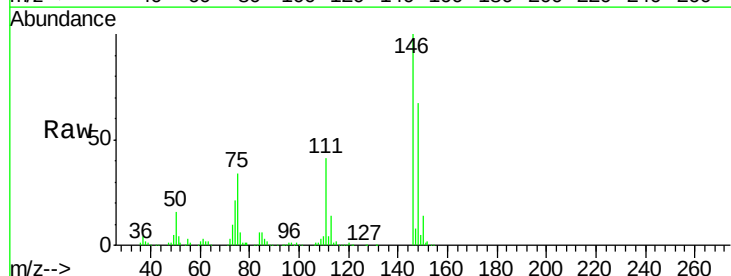
Instrument :
 BNA_G
 ClientSampleId :
 PB128734BS

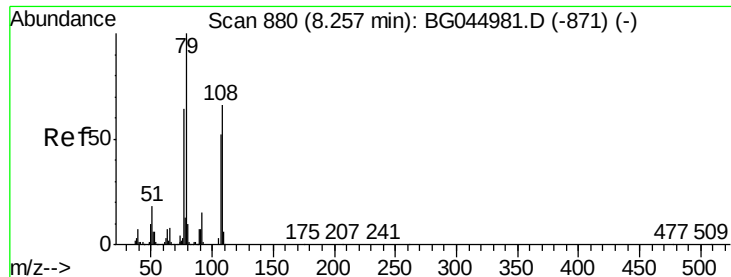
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	53.3	79.9
111	37.9	33.8	50.8



#14
 1,2-Dichlorobenzene
 Concen: 38.784 ng
 RT: 8.33 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BG045307.D
 Acq: 11 May 2020 22:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.5	51.9	77.9
111	41.4	31.3	46.9

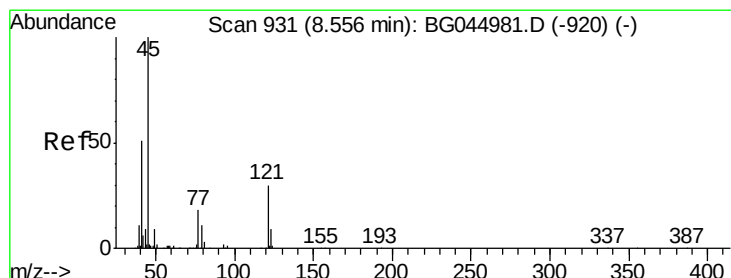
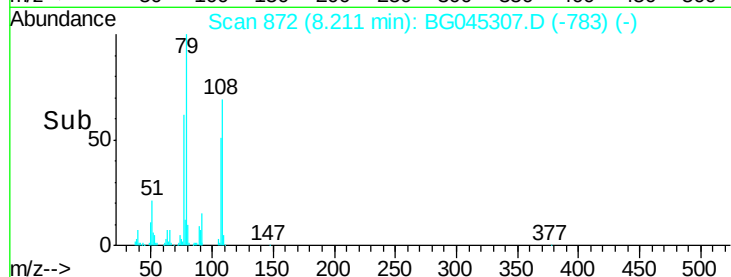
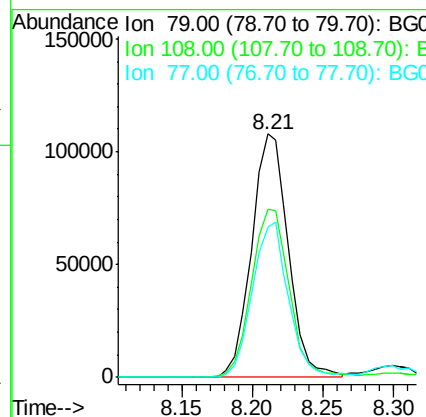
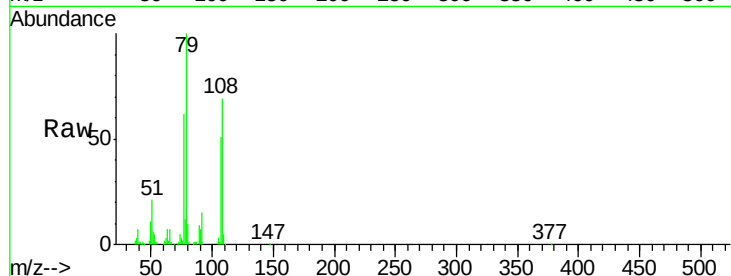




#15
Benzyl Alcohol
Concen: 37.399 ng
RT: 8.21 min Scan# 872
Delta R.T. -0.01 min
Lab File: BG045307.D
Acq: 11 May 2020 22:04

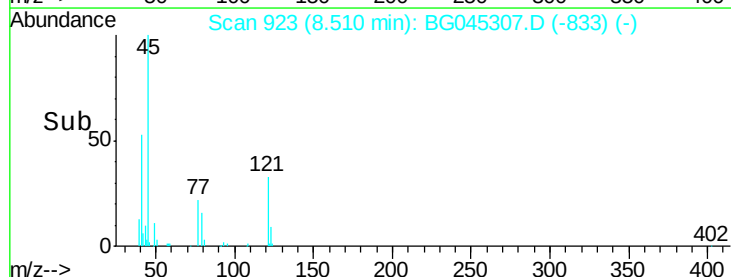
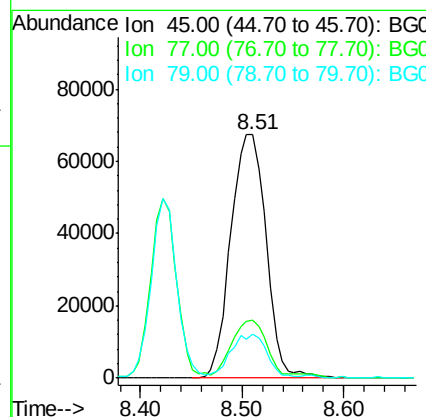
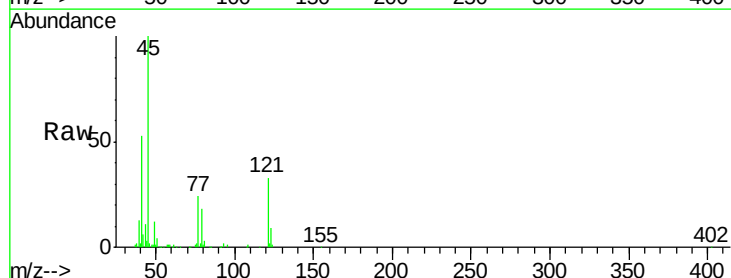
Instrument :
BNA_G
ClientSampleId :
PB128734BS

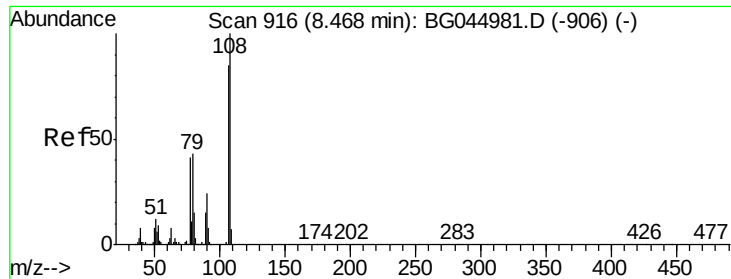
Tot Ion: 79 Resp: 196564
Ion Ratio Lower Upper
79 100
108 69.3 52.7 79.1
77 61.6 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.243 ng
RT: 8.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BG045307.D
Acq: 11 May 2020 22:04

Tgt Ion: 45 Resp: 162978
Ion Ratio Lower Upper
45 100
77 24.0 1.9 41.9
79 17.9 0.0 35.5





#17

2-Methylphenol

Concen: 35.802 ng

RT: 8.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

Instrument :

BNA_G

ClientSampleId :

PB128734BS

Tot Ion:107 Resp: 173282

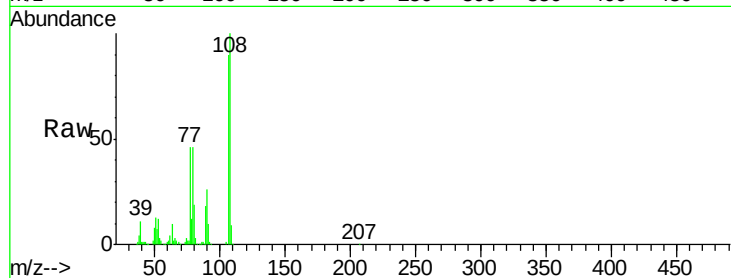
Ion Ratio Lower Upper

107 100

108 111.2 93.8 140.6

77 51.5 38.5 57.7

79 51.7 40.1 60.1

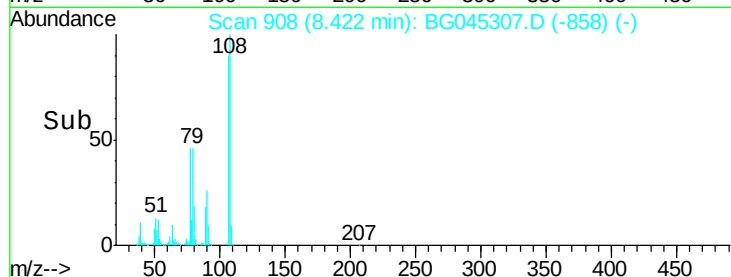


Abundance Ion 107.00 (106.70 to 107.70): E

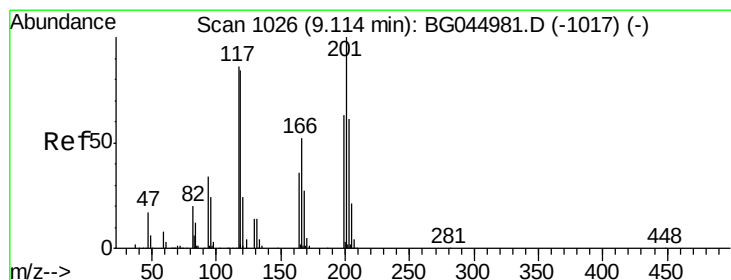
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 38.794 ng

RT: 9.06 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

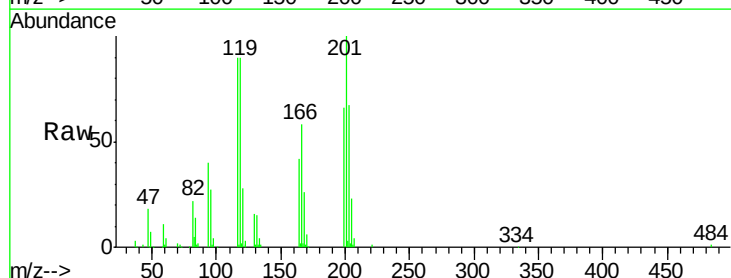
Tgt Ion:117 Resp: 77650

Ion Ratio Lower Upper

117 100

119 100.1 78.3 117.5

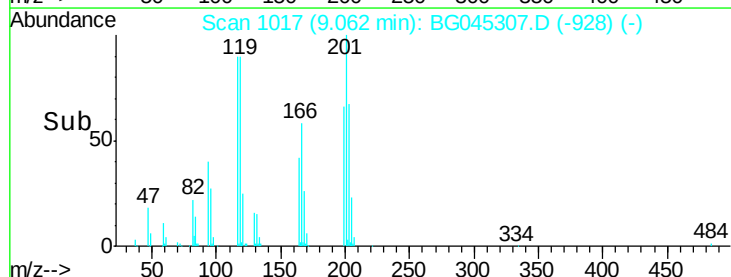
201 110.9 92.9 139.3



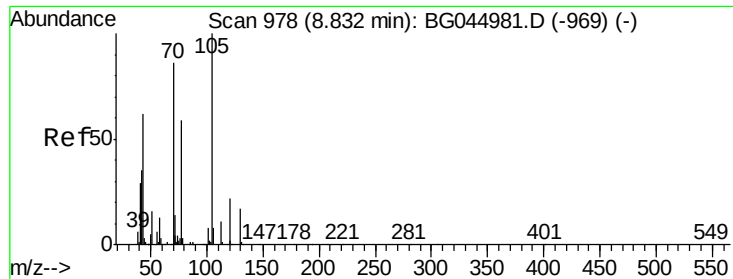
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 34.200 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

Instrument :

BNA_G

ClientSampleId :

PB128734BS

Tot Ion: 70 Resp: 151620

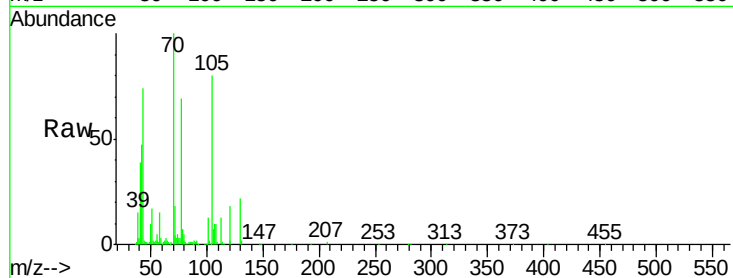
Ion Ratio Lower Upper

70 100

42 46.9 33.3 49.9

101 13.2 7.8 11.8#

130 21.6 15.8 23.6



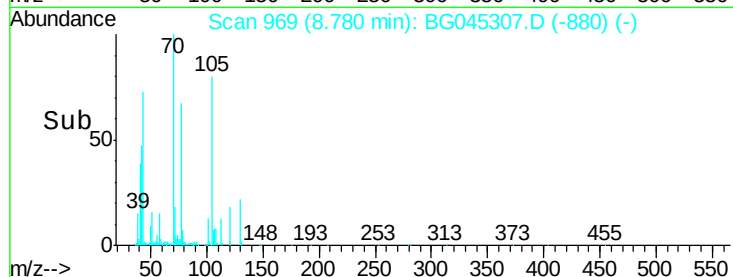
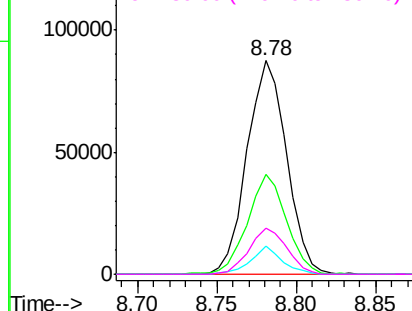
Abundance

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: 35.178 ng

RT: 8.75 min Scan# 964

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

Tgt Ion: 107 Resp: 238312

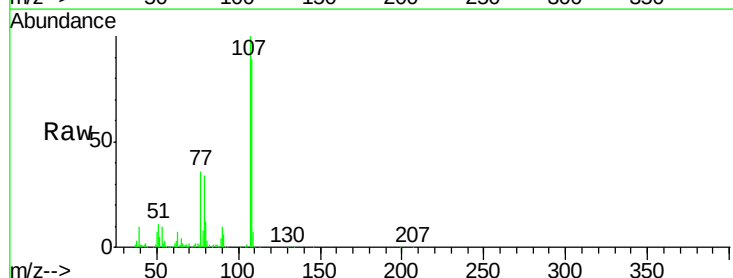
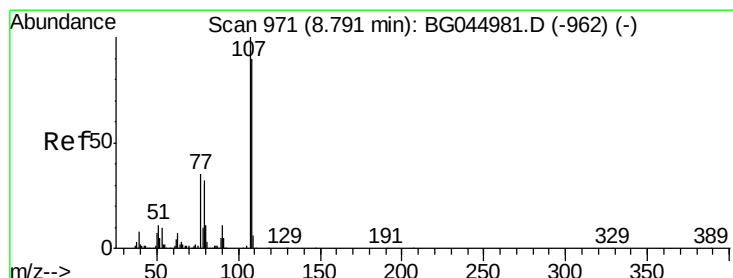
Ion Ratio Lower Upper

107 100

108 89.2 69.9 109.9

77 35.8 15.2 55.2

79 33.6 11.6 51.6



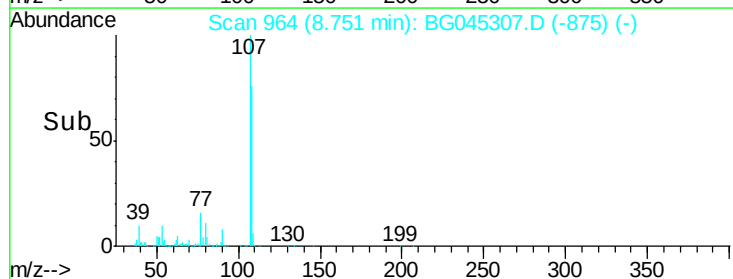
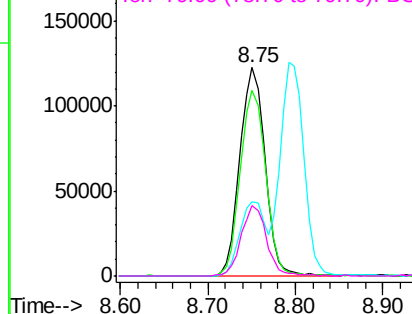
Abundance

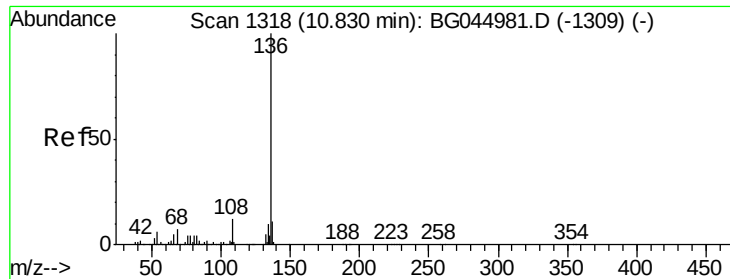
Ion 107.00 (106.70 to 107.70): BGC

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: 10.78 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

Instrument :

BNA_G

ClientSampleId :

PB128734BS

Tot Ion:136 Resp: 275513

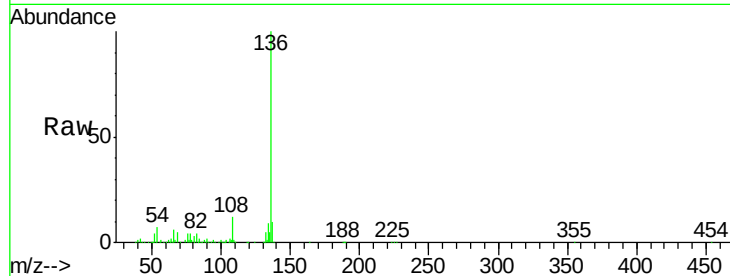
Ion Ratio Lower Upper

136 100

137 10.3 8.6 13.0

54 7.0 4.8 7.2

68 5.5 5.2 7.8

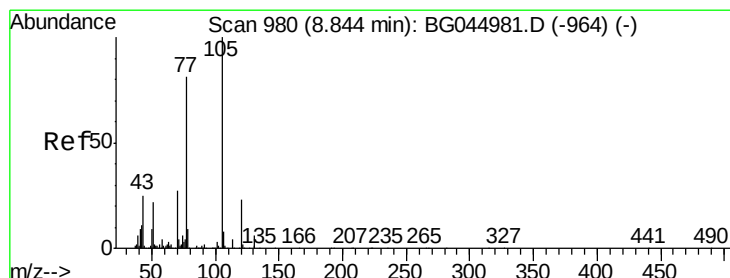
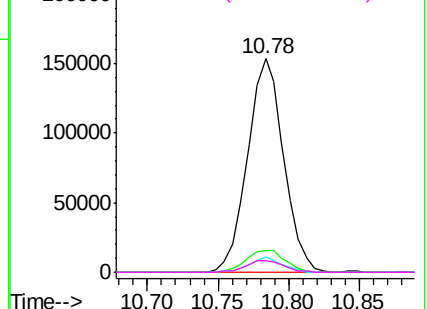
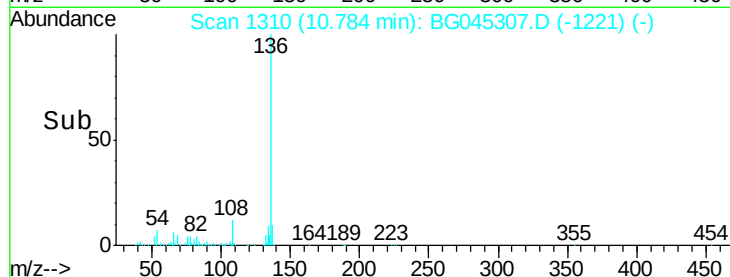


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.453 ng

RT: 8.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

Tgt Ion:105 Resp: 293951

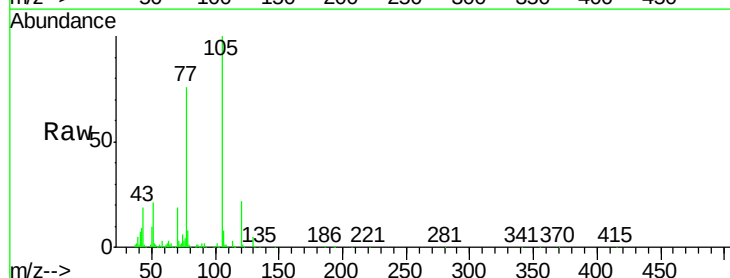
Ion Ratio Lower Upper

105 100

71 2.7 3.3 4.9#

51 21.3 17.3 25.9

120 21.6 18.4 27.6

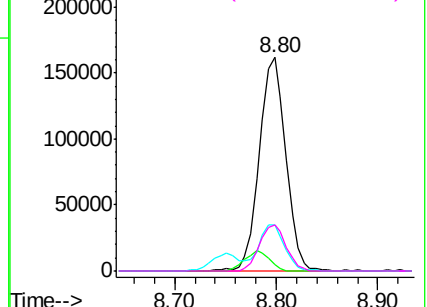
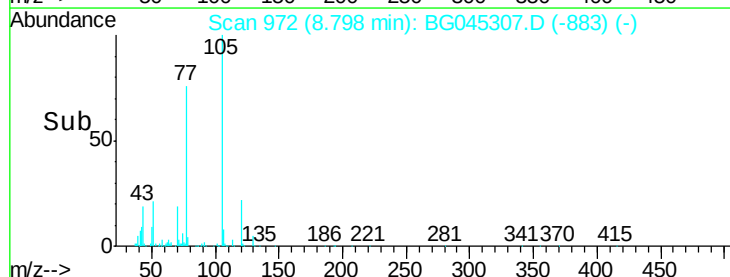


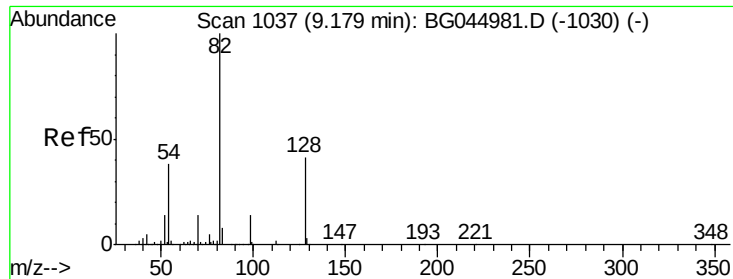
Abundance Ion 105.00 (104.70 to 105.70): E

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

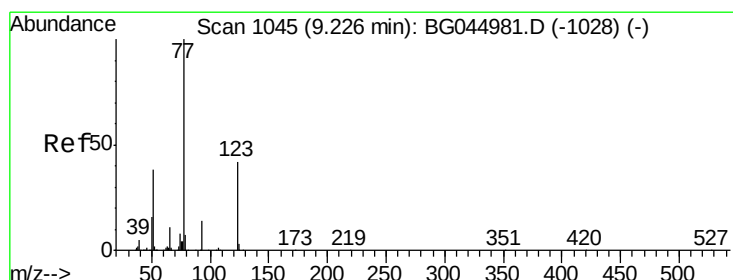
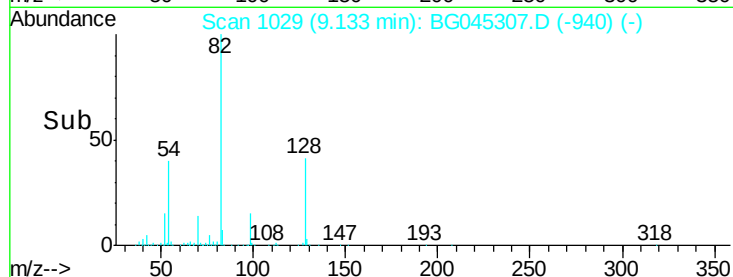
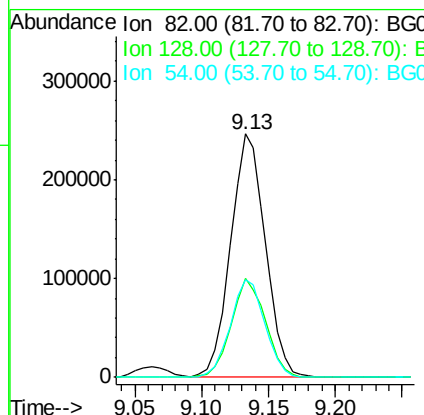
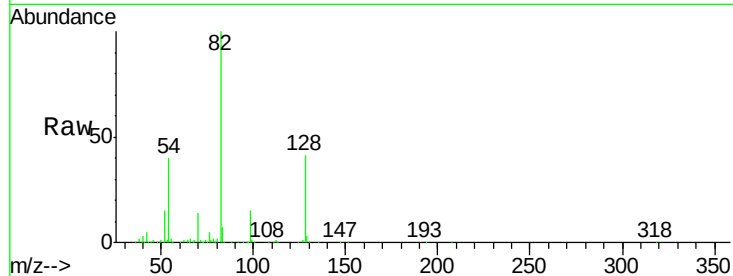




#23
 Nitrobenzene-d5
 Concen: 73.630 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG045307.D
 Acq: 11 May 2020 22:04

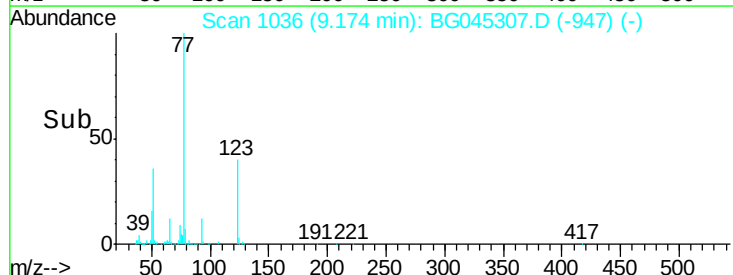
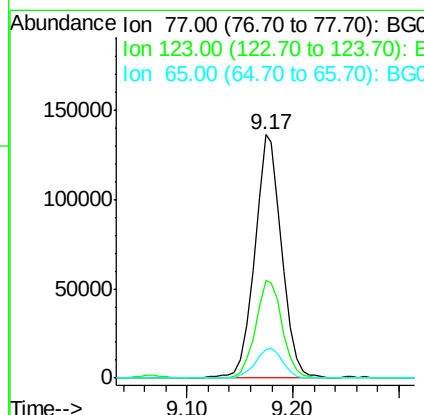
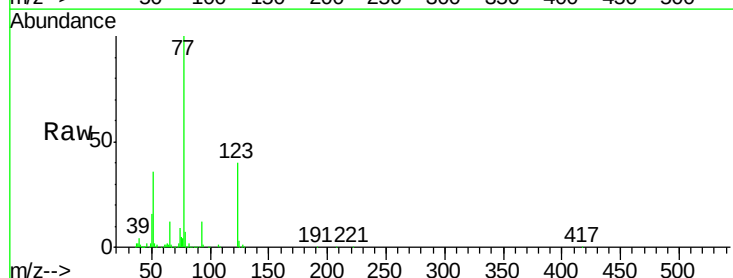
Instrument :
 BNA_G
 ClientSampleId :
 PB128734BS

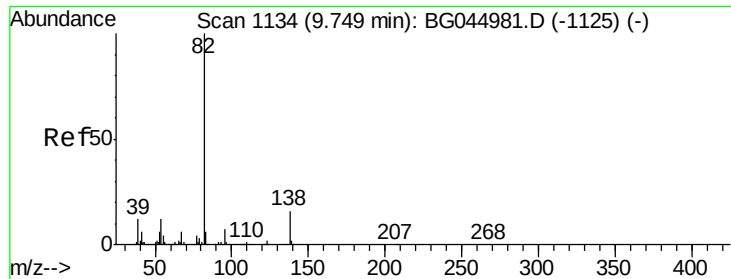
Tot Ion	82	Resp	444585
Ion Ratio	Lower	Upper	
82	100		
128	40.8	33.0	49.4
54	40.1	30.4	45.6



#24
 Nitrobenzene
 Concen: 38.672 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG045307.D
 Acq: 11 May 2020 22:04

Tgt Ion	77	Resp	239352
Ion Ratio	Lower	Upper	
77	100		
123	40.2	34.3	51.5
65	11.9	8.9	13.3





#25

Isophorone

Concen: 35.455 ng

RT: 9.70 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

Instrument :

BNA_G

ClientSampleId :

PB128734BS

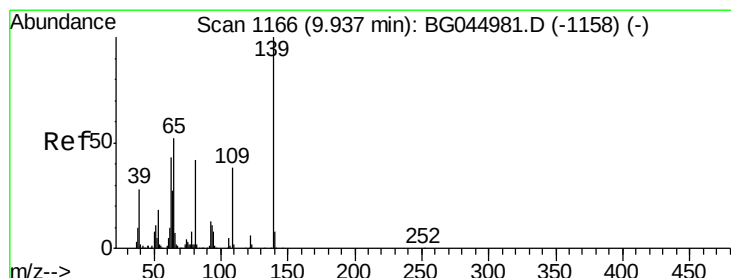
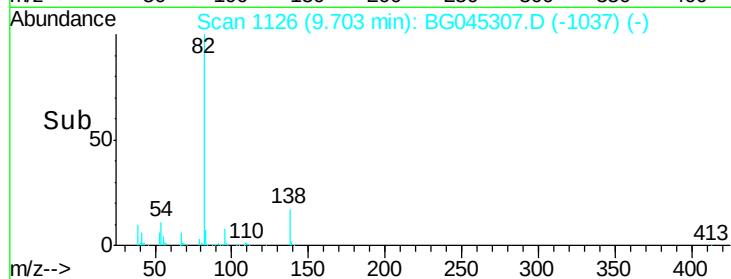
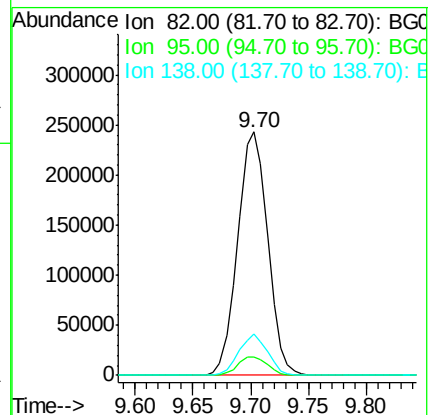
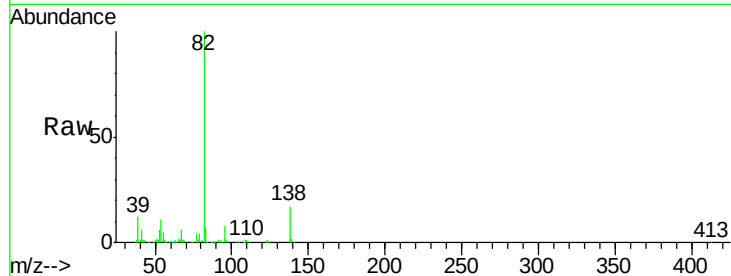
Tot Ion: 82 Resp: 438407

Ion Ratio Lower Upper

82 100

95 7.7 6.0 9.0

138 16.9 12.7 19.1



#26

2-Nitrophenol

Concen: 40.607 ng

RT: 9.89 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

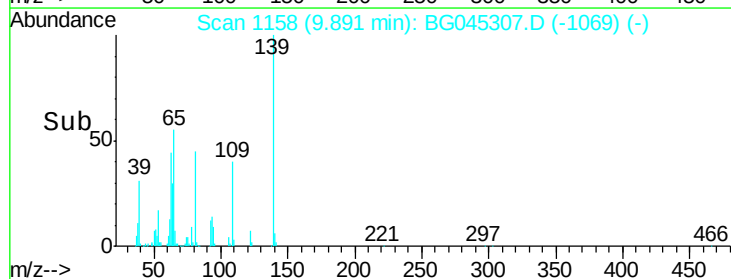
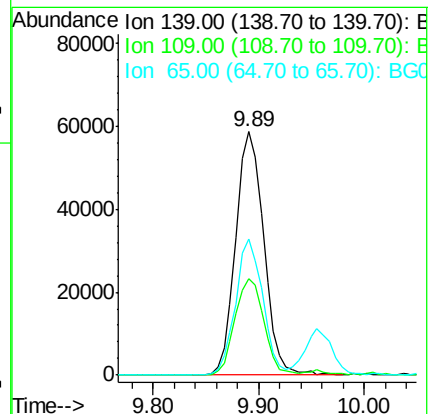
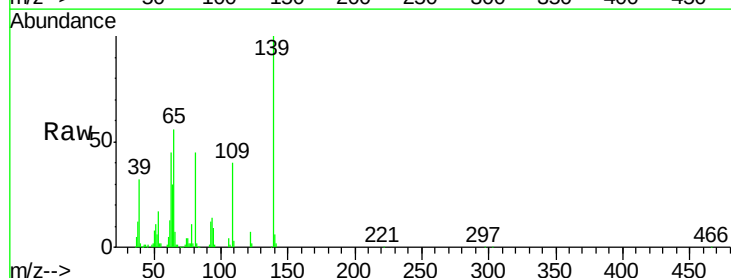
Tgt Ion: 139 Resp: 108259

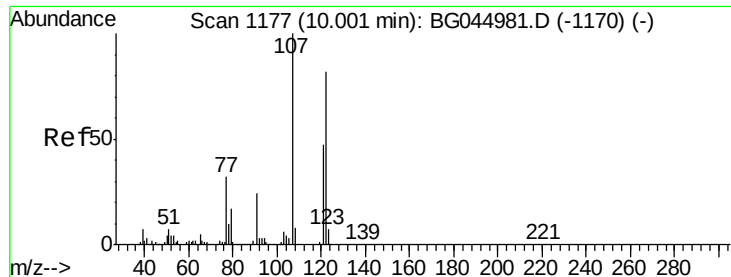
Ion Ratio Lower Upper

139 100

109 39.7 30.6 45.8

65 55.7 41.8 62.6

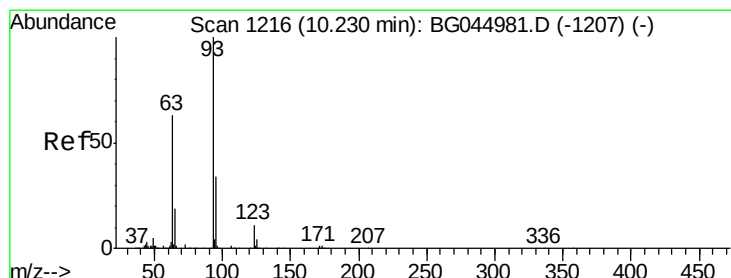
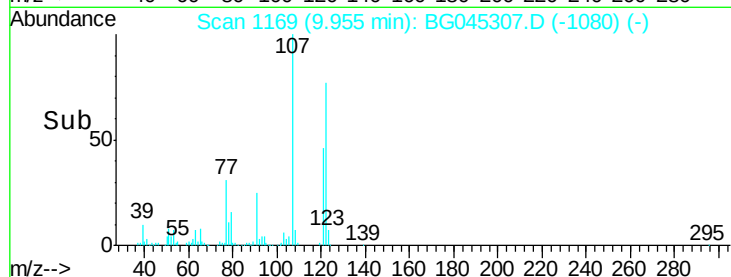
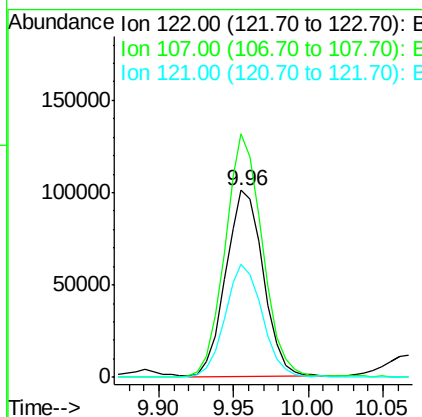
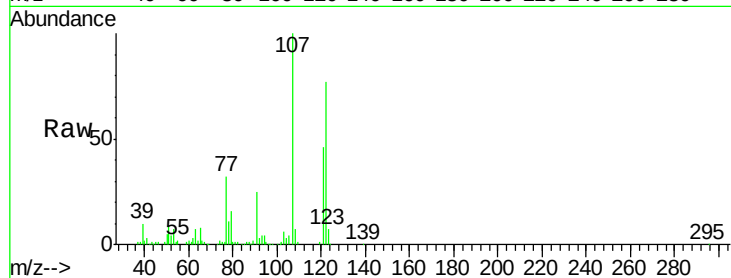




#27
 2,4-Dimethylphenol
 Concen: 41.758 ng
 RT: 9.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BG045307.D
 Acq: 11 May 2020 22:04

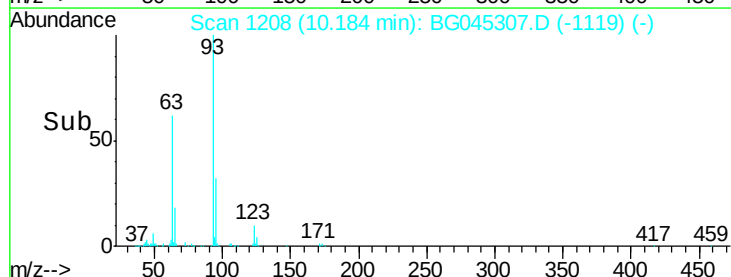
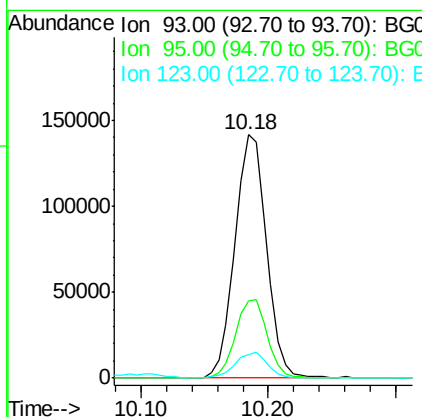
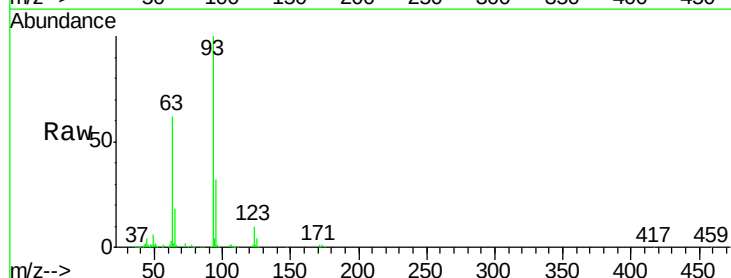
Instrument :
 BNA_G
 ClientSampleId :
 PB128734BS

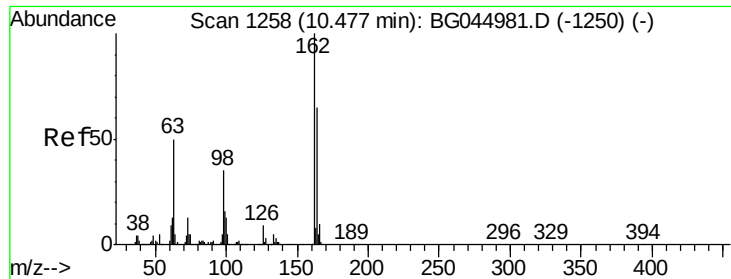
Tot Ion	Ratio	Lower	Upper
122	100		
107	130.2	96.8	145.2
121	60.6	45.6	68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.593 ng
 RT: 10.18 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BG045307.D
 Acq: 11 May 2020 22:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	27.0	40.4
123	9.5	8.7	13.1

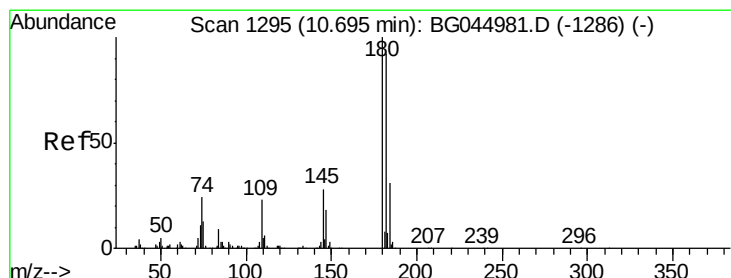
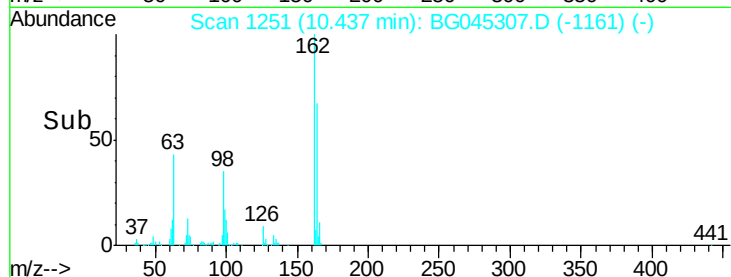
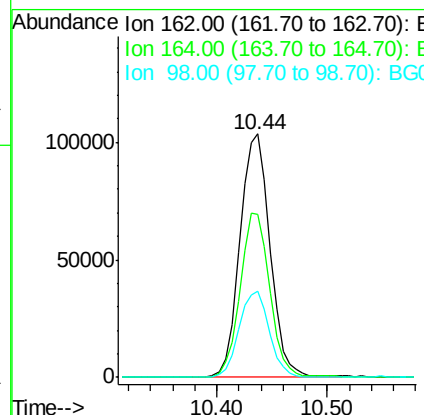
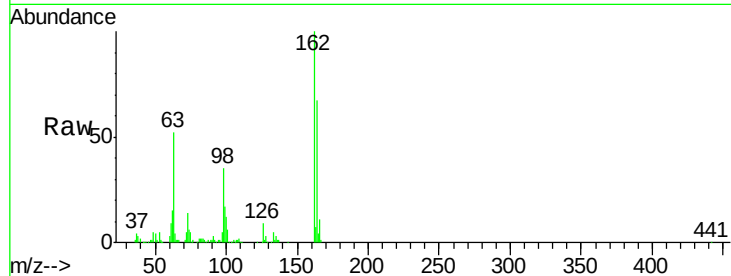




#29
 2,4-Dichlorophenol
 Concen: 40.711 ng
 RT: 10.44 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: BG045307.D
 Acq: 11 May 2020 22:04

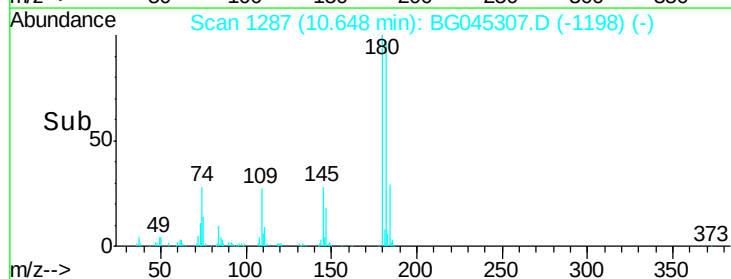
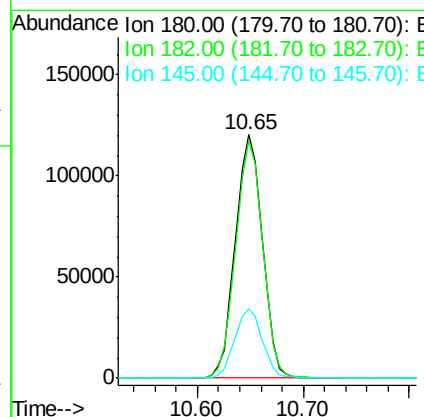
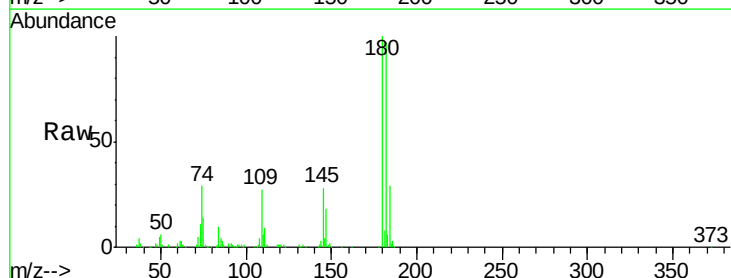
Instrument :
 BNA_G
 ClientSampleId :
 PB128734BS

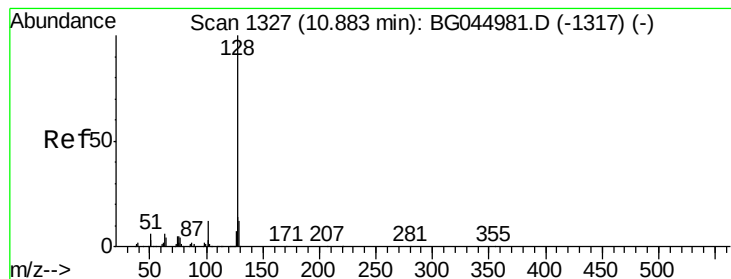
Tot Ion:162	Resp:	198858
Ion Ratio	Lower	Upper
162	100	
164	66.8	45.0 85.0
98	35.2	15.2 55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 38.567 ng
 RT: 10.65 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BG045307.D
 Acq: 11 May 2020 22:04

Tgt Ion:180	Resp:	213291
Ion Ratio	Lower	Upper
180	100	
182	97.5	73.3 109.9
145	28.4	22.6 33.8





#31

Naphthalene

Concen: 38.939 ng

RT: 10.84 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

Instrument :

BNA_G

ClientSampleId :

PB128734BS

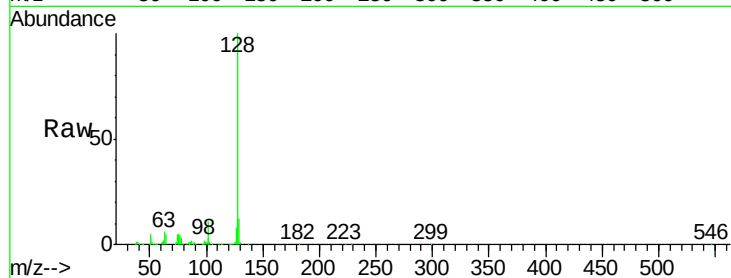
Tot Ion:128 Resp: 586886

Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.2

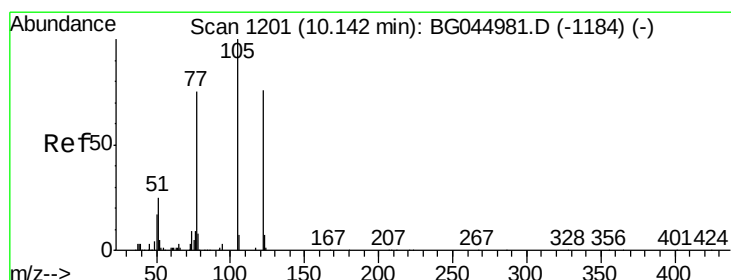
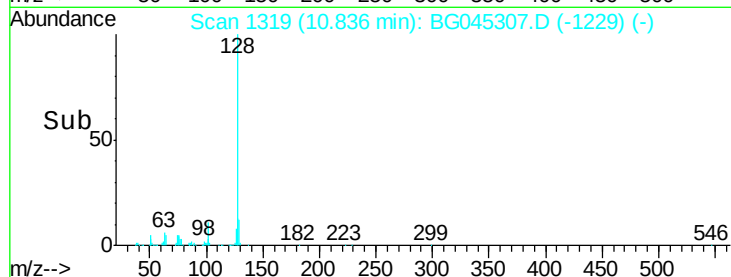
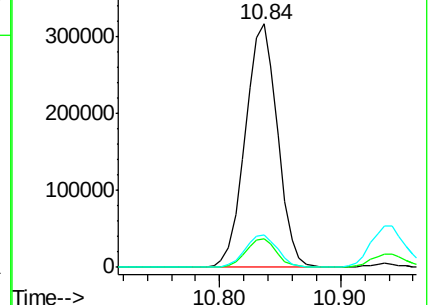
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.861 ng

RT: 10.11 min Scan# 1195

Delta R.T. 0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

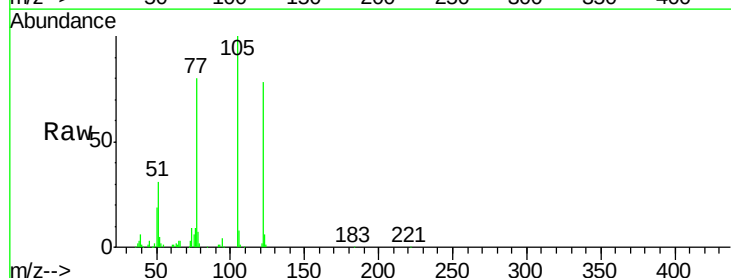
Tgt Ion:122 Resp: 92554

Ion Ratio Lower Upper

122 100

105 128.4 108.4 148.4

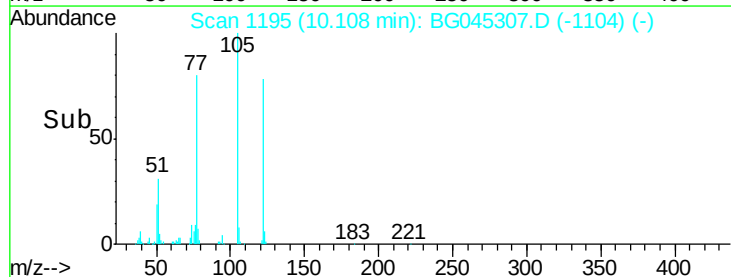
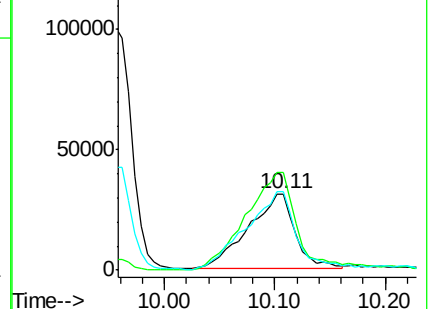
77 103.0 78.8 118.8

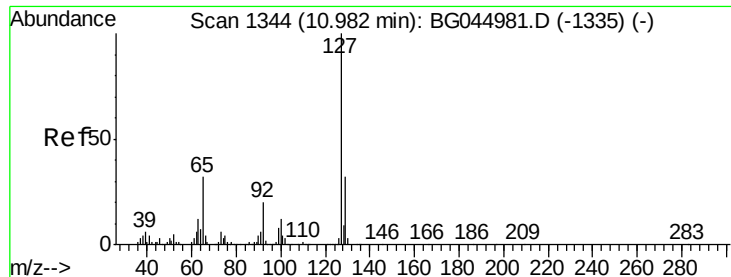


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

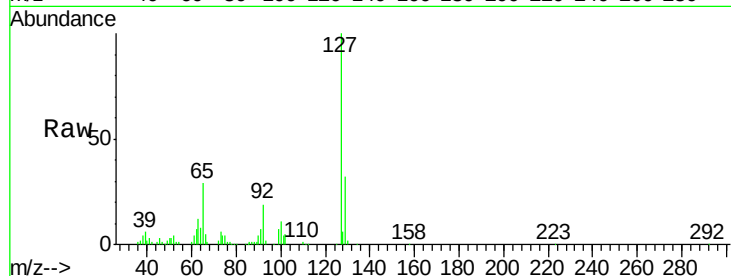




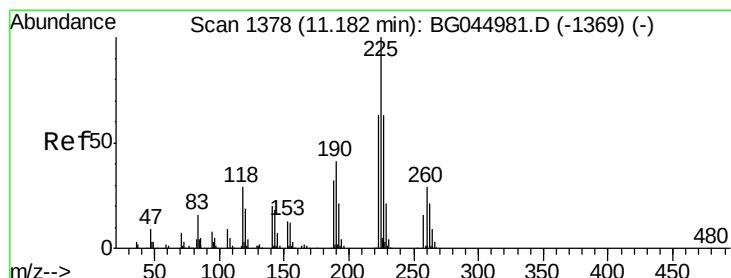
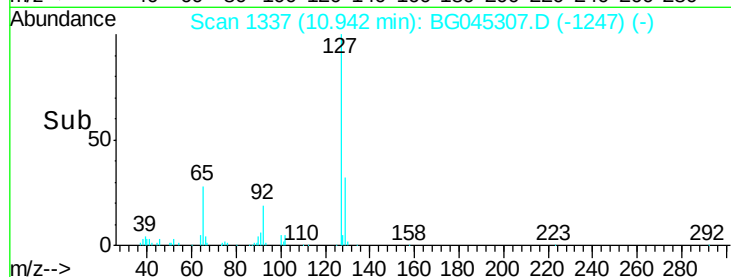
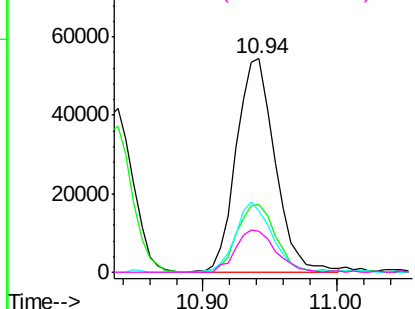
#33
4-Chloroaniline
Concen: 15.591 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BG045307.D
Acq: 11 May 2020 22:04

Instrument :
BNA_G
ClientSampleId :
PB128734BS

Tot Ion:	127	Resp:	109592
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.7	38.5
65	29.0	25.4	38.2
92	19.3	16.1	24.1

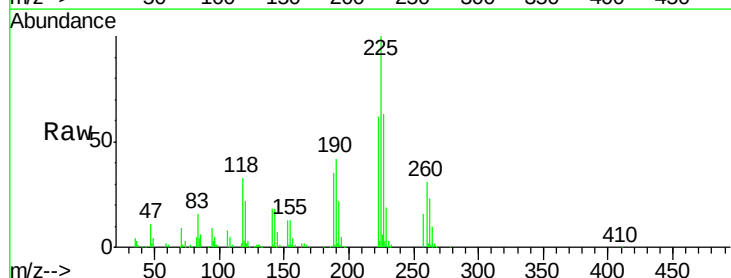


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

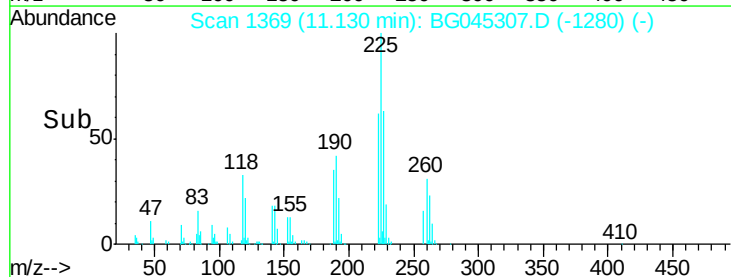
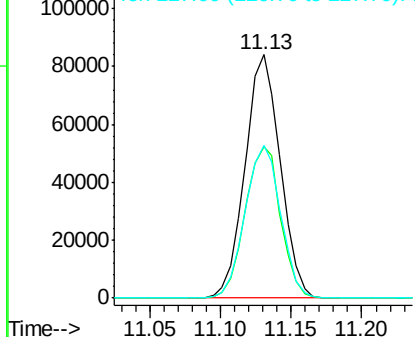


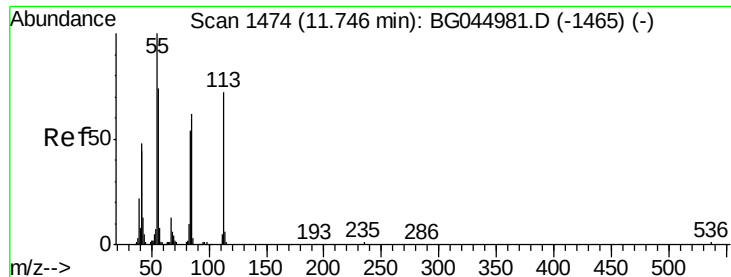
#34
Hexachlorobutadiene
Concen: 38.696 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG045307.D
Acq: 11 May 2020 22:04

Tgt Ion:	225	Resp:	146726
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.7	76.1
227	62.6	50.2	75.2



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

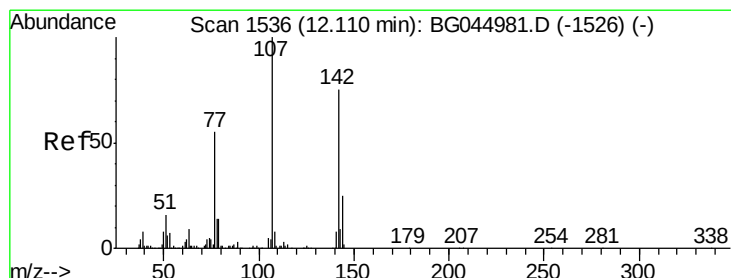
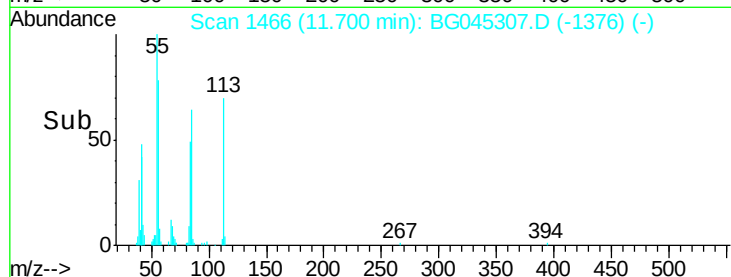
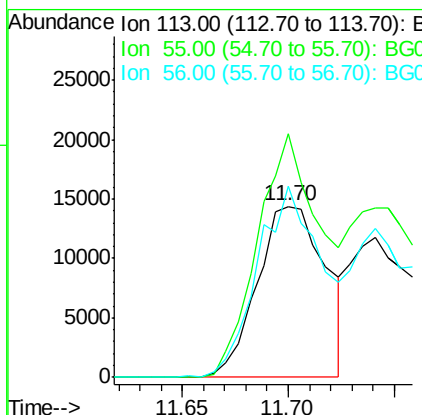
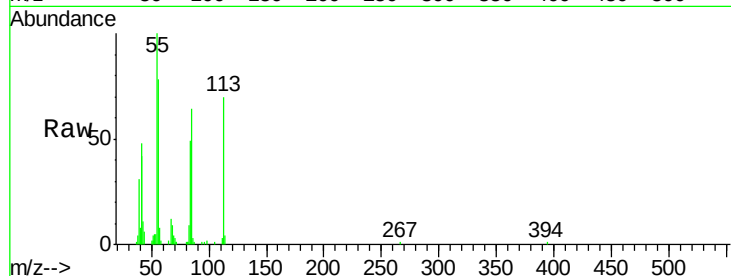




#35
 Caprolactam
 Concen: 16.590 ng
 RT: 11.70 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BG045307.D
 Acq: 11 May 2020 22:04

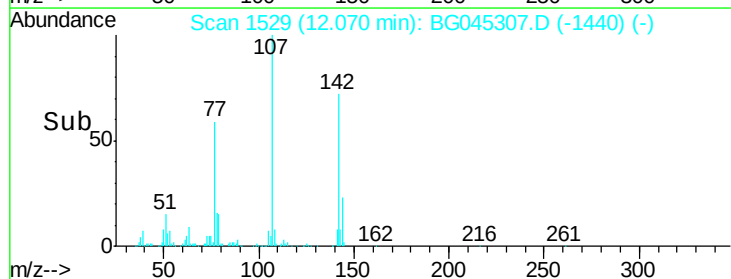
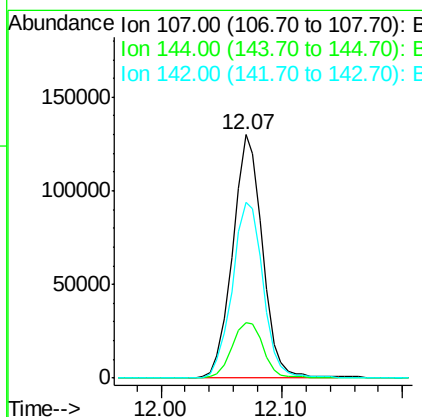
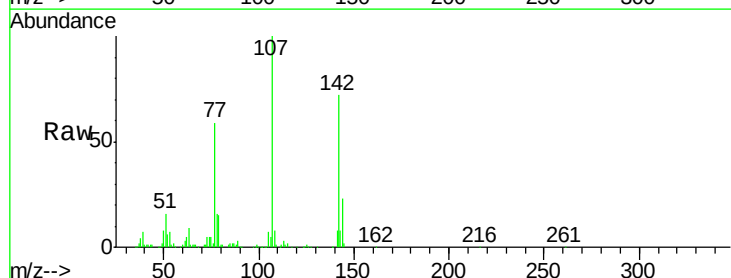
Instrument :
 BNA_G
 ClientSampleId :
 PB128734BS

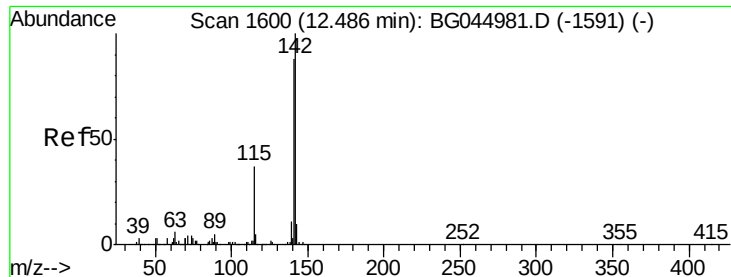
Tot Ion:113 Resp: 32251
 Ion Ratio Lower Upper
 113 100
 55 142.2 118.8 158.8
 56 111.5 82.6 122.6



#36
 4-Chloro-3-methylphenol
 Concen: 38.940 ng
 RT: 12.07 min Scan# 1529
 Delta R.T. -0.01 min
 Lab File: BG045307.D
 Acq: 11 May 2020 22:04

Tgt Ion:107 Resp: 223441
 Ion Ratio Lower Upper
 107 100
 144 22.7 19.8 29.6
 142 72.4 59.7 89.5

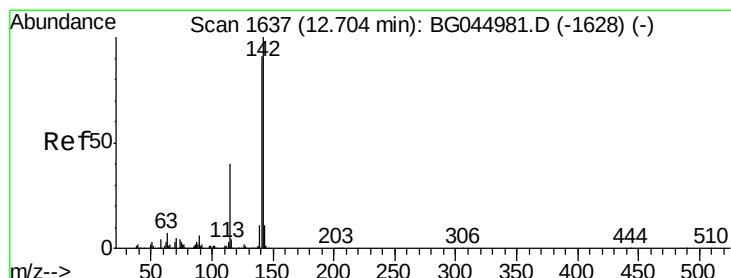
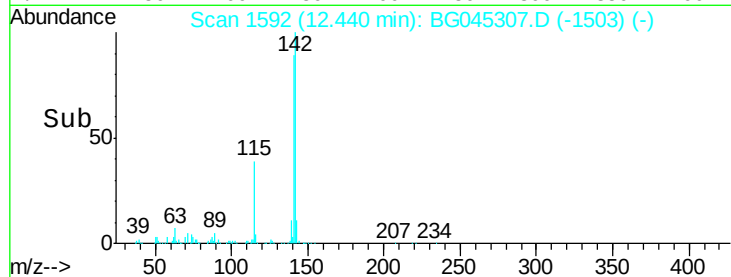
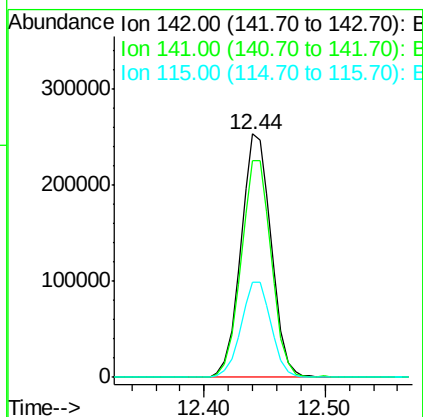
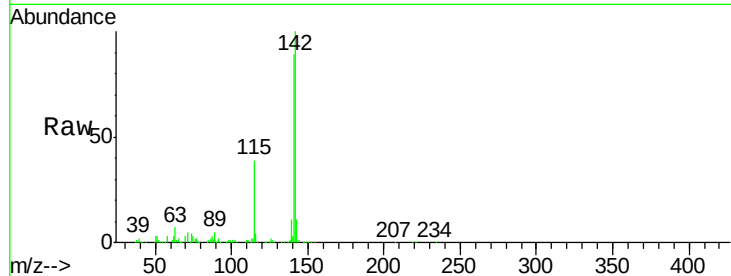




#37
2-Methylnaphthalene
Concen: 37.701 ng
RT: 12.44 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BG045307.D
Acq: 11 May 2020 22:04

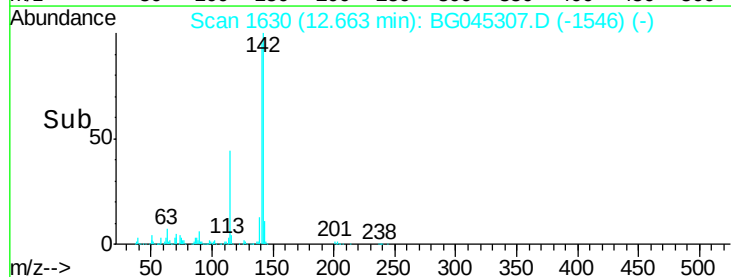
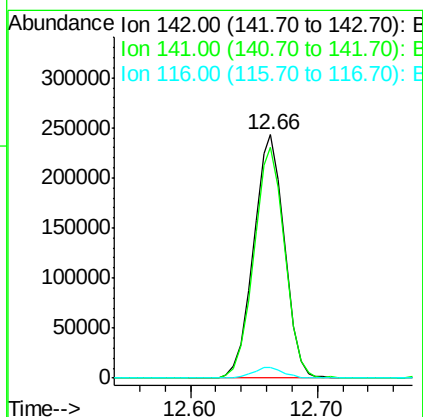
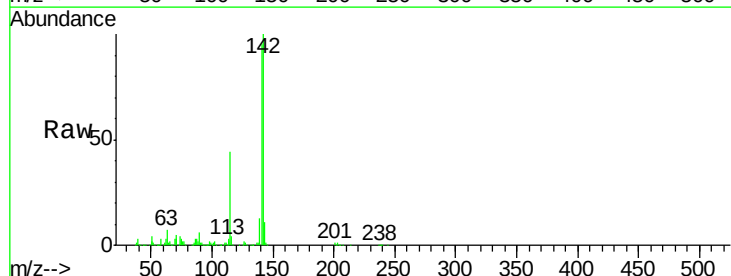
Instrument :
BNA_G
ClientSampleId :
PB128734BS

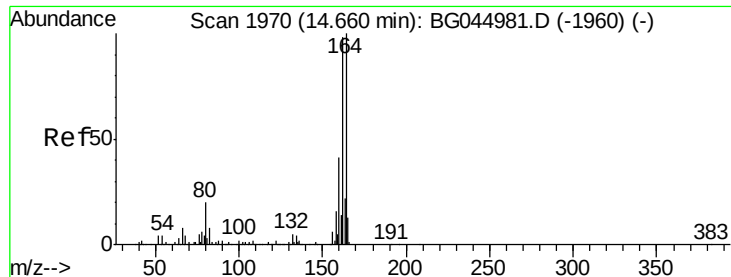
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.3	105.5
115	39.1	29.8	44.6



#38
1-Methylnaphthalene
Concen: 36.944 ng
RT: 12.66 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BG045307.D
Acq: 11 May 2020 22:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	72.7	109.1
116	4.1	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

Instrument :

BNA_G

ClientSampleId :

PB128734BS

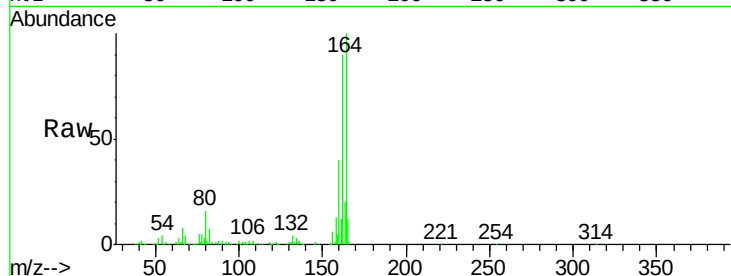
Tot Ion:164 Resp: 197973

Ion Ratio Lower Upper

164 100

162 89.8 78.7 118.1

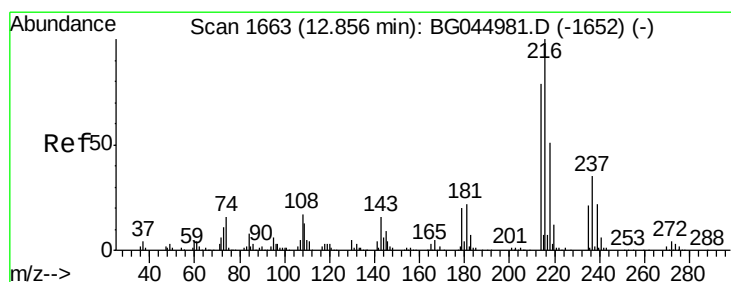
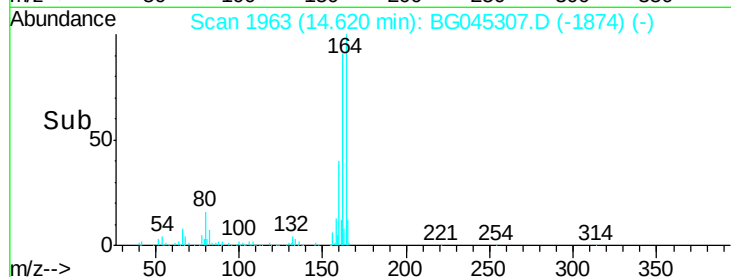
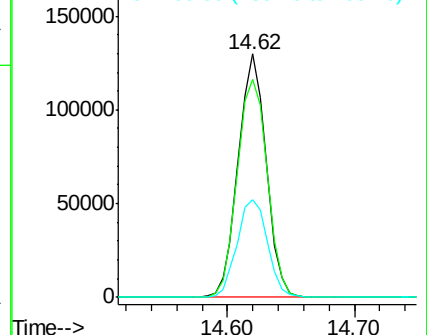
160 40.0 32.8 49.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.157 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

Tgt Ion:216 Resp: 243221

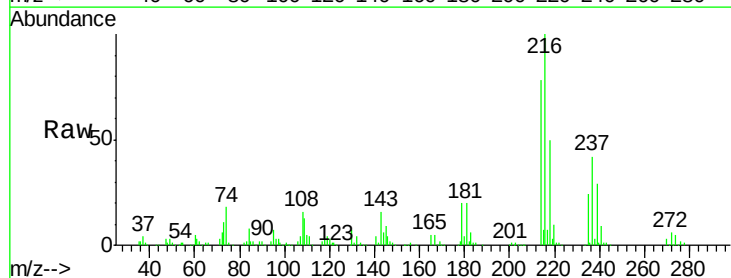
Ion Ratio Lower Upper

216 100

214 78.4 63.0 94.6

179 20.2 15.8 23.8

108 19.5 14.2 21.2

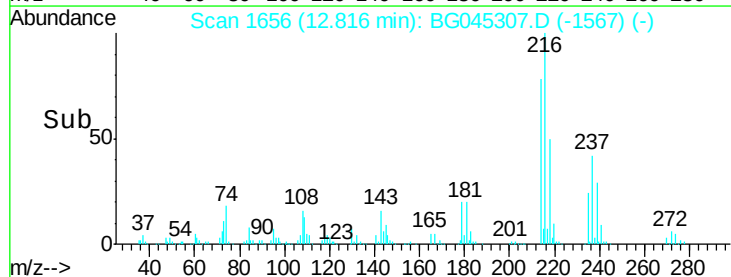
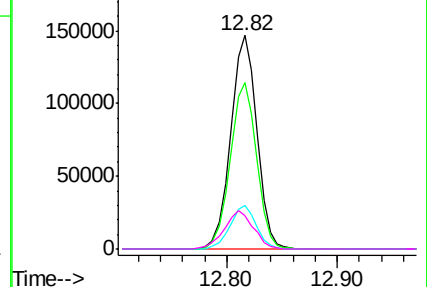


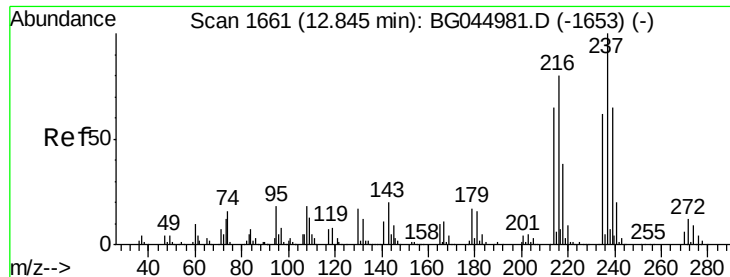
Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.968 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

Instrument :

BNA_G

ClientSampleId :

PB128734BS

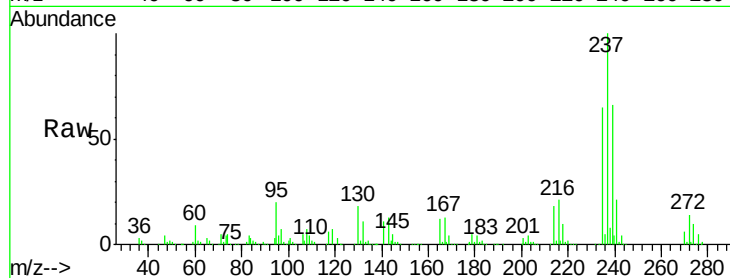
Tot Ion:237 Resp: 338510

Ion Ratio Lower Upper

237 100

235 65.4 41.6 81.6

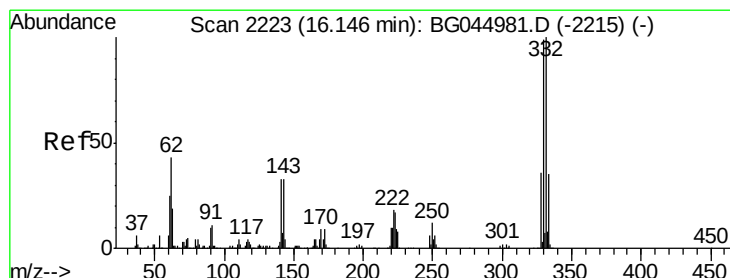
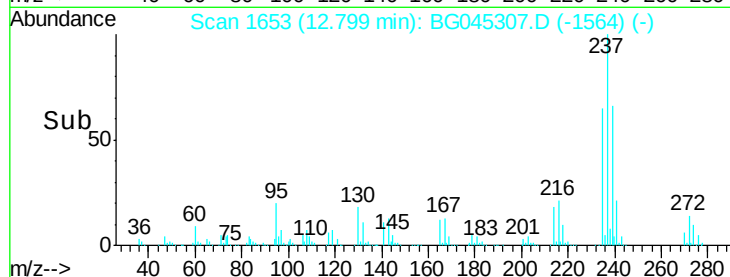
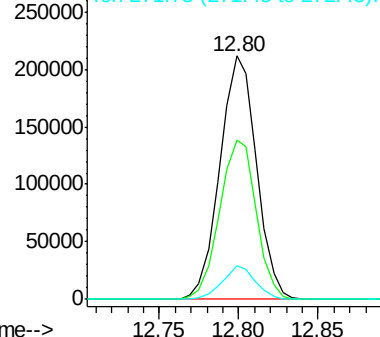
272 13.8 0.0 32.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 104.713 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

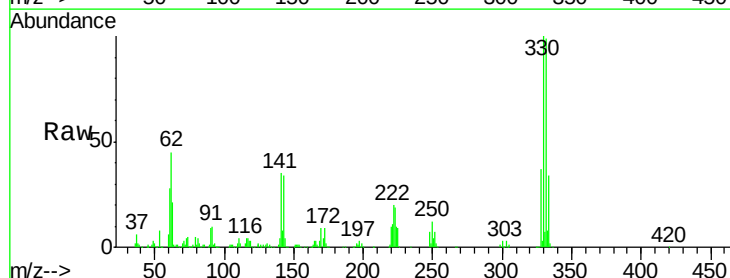
Tgt Ion:330 Resp: 320256

Ion Ratio Lower Upper

330 100

332 98.1 79.1 118.7

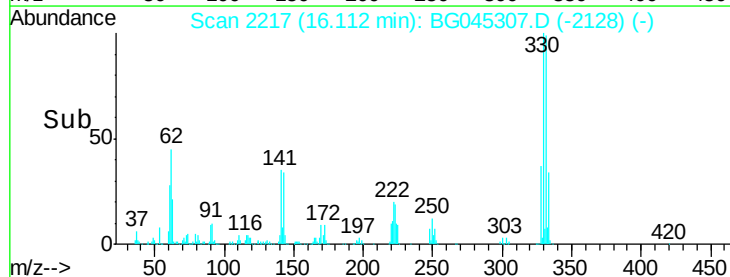
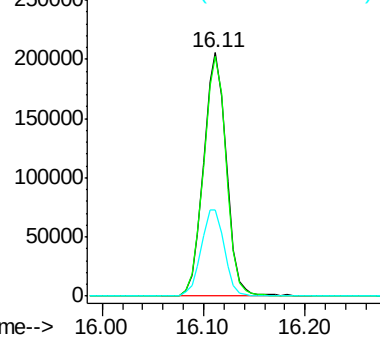
141 36.3 27.1 40.7

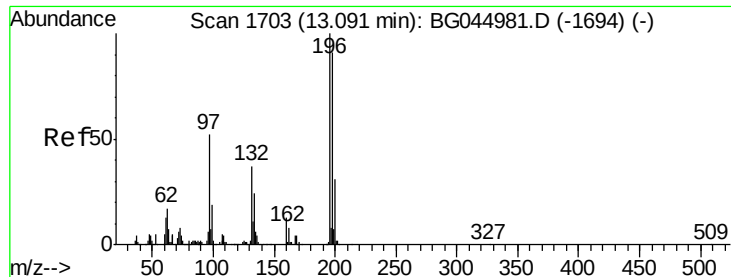


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

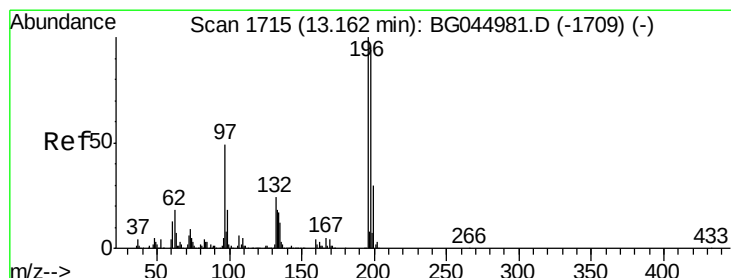
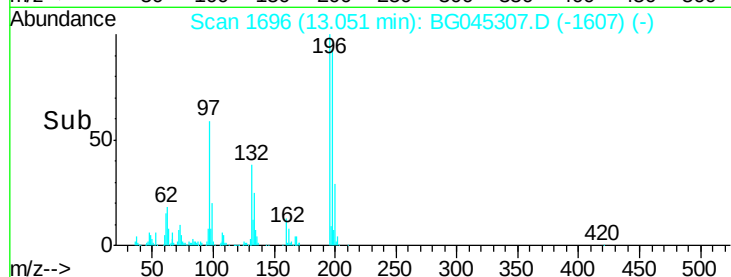
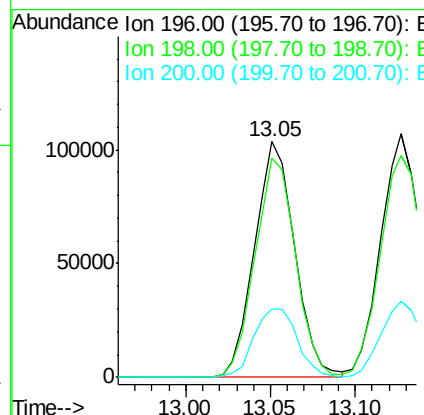
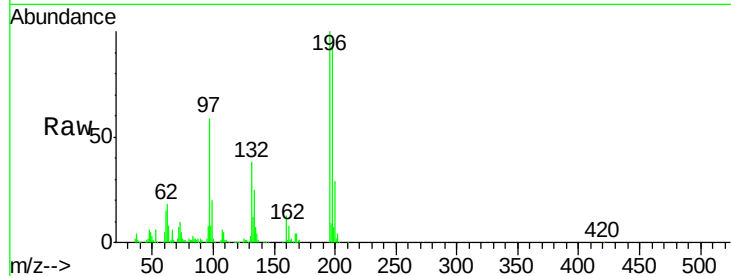




#43
 2,4,6-Trichlorophenol
 Concen: 37.960 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BG045307.D
 Acq: 11 May 2020 22:04

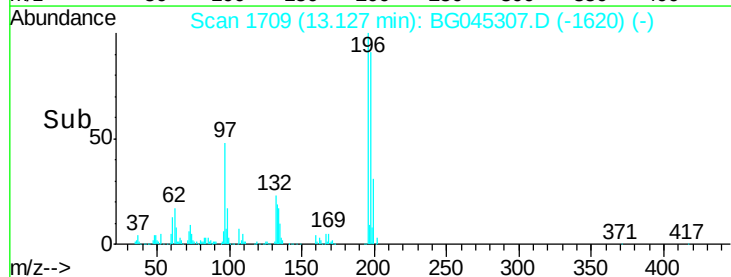
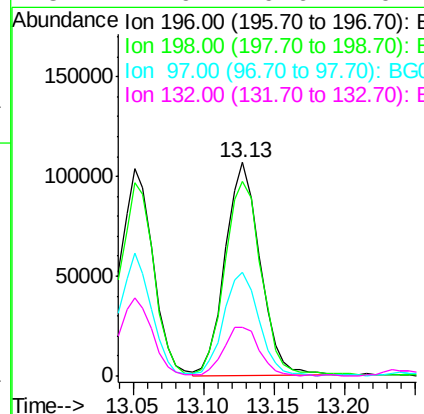
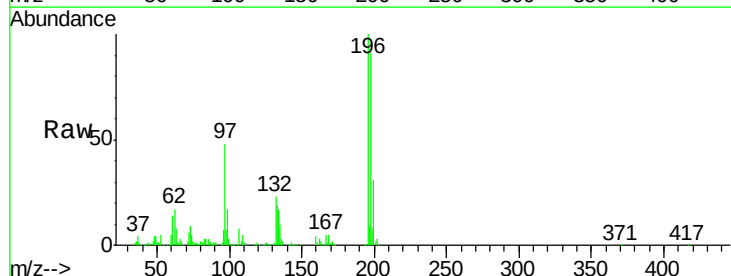
Instrument :
 BNA_G
 ClientSampled :
 PB128734BS

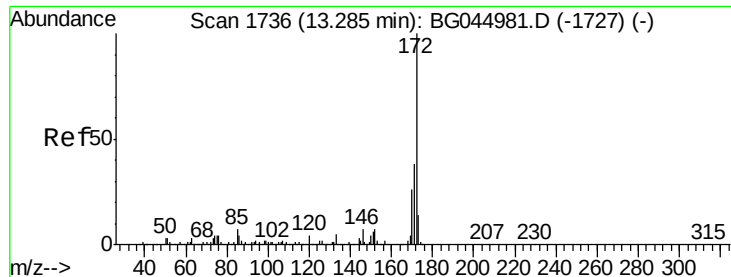
Tot Ion:196 Resp: 170768
 Ion Ratio Lower Upper
 196 100
 198 93.2 72.5 108.7
 200 29.1 24.5 36.7



#44
 2,4,5-Trichlorophenol
 Concen: 35.787 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG045307.D
 Acq: 11 May 2020 22:04

Tgt Ion:196 Resp: 183252
 Ion Ratio Lower Upper
 196 100
 198 91.3 75.7 113.5
 97 48.4 39.6 59.4
 132 22.9 19.6 29.4

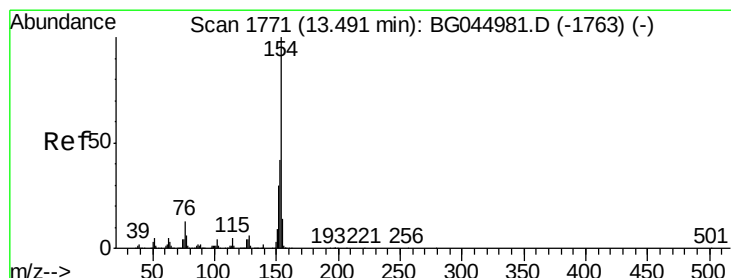
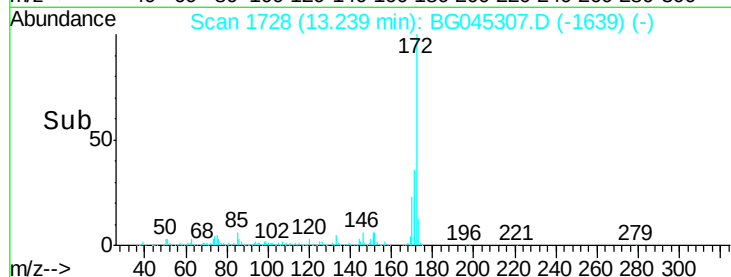
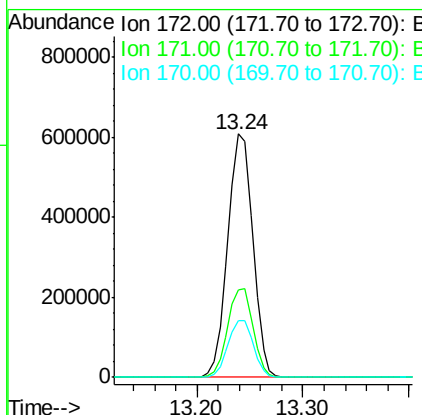
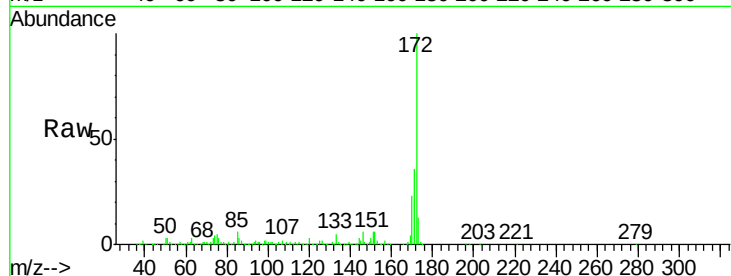




#45
2-Fluorobiphenyl
Concen: 73.947 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.01 min
Lab File: BG045307.D
Acq: 11 May 2020 22:04

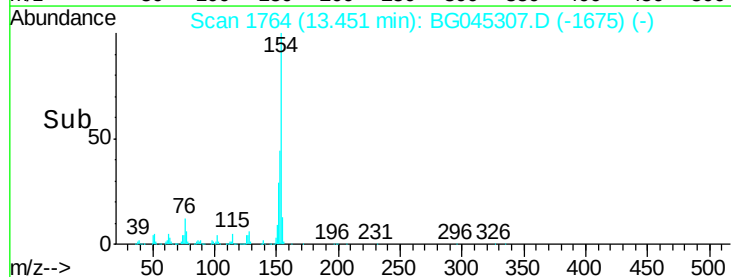
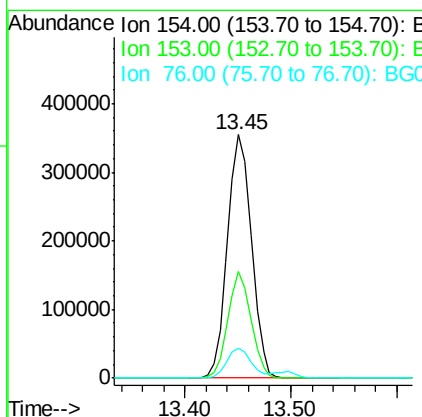
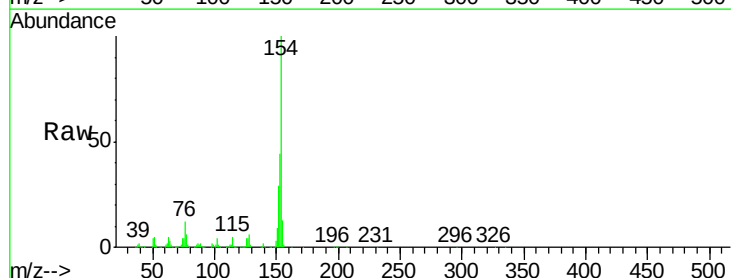
Instrument :
BNA_G
ClientSampleId :
PB128734BS

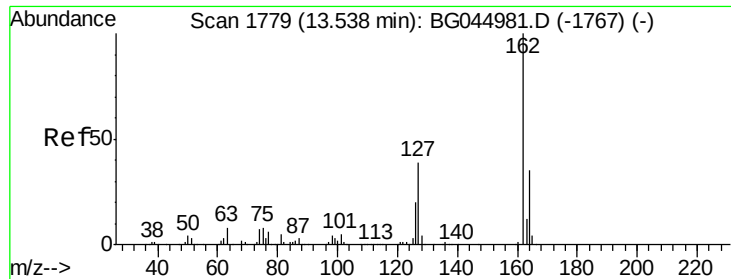
Tot Ion:172	Resp:	998385
Ion	Ratio	Lower Upper
172	100	
171	36.1	30.6 46.0
170	23.4	20.5 30.7



#46
1,1'-Biphenyl
Concen: 37.235 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BG045307.D
Acq: 11 May 2020 22:04

Tgt Ion:154	Resp:	560286
Ion	Ratio	Lower Upper
154	100	
153	43.6	21.9 61.9
76	12.0	0.0 33.1

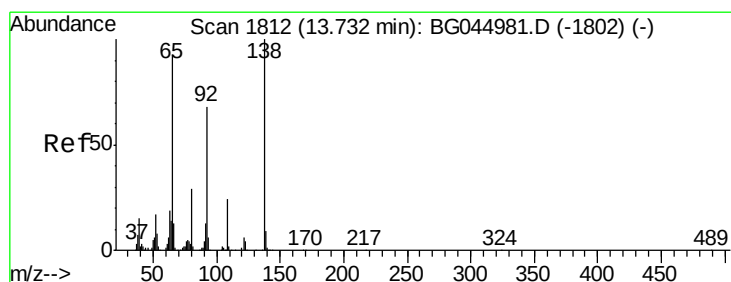
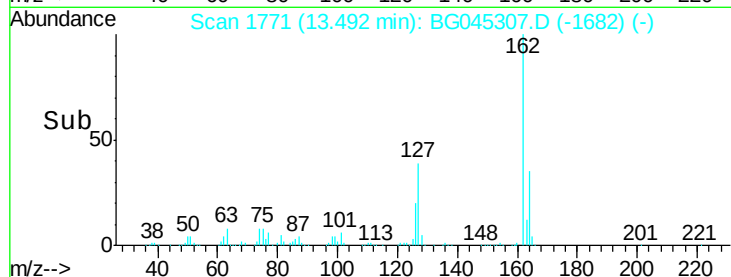
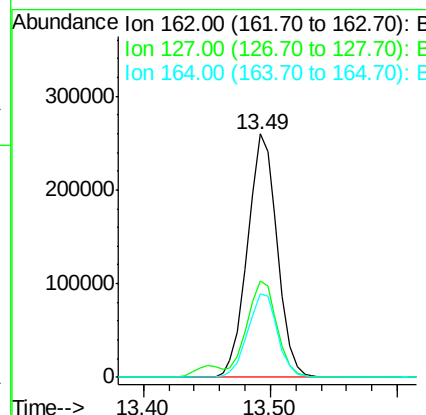
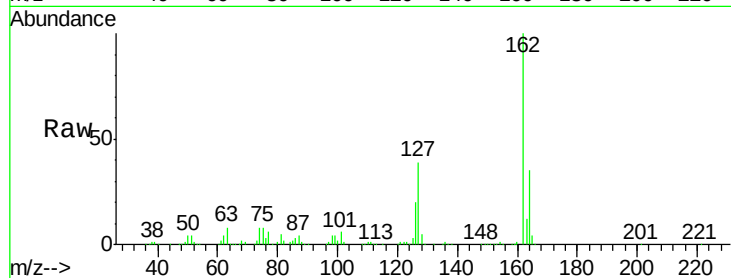




#47
 2-Chloronaphthalene
 Concen: 36.677 ng
 RT: 13.49 min Scan# 1771
 Delta R.T. -0.01 min
 Lab File: BG045307.D
 Acq: 11 May 2020 22:04

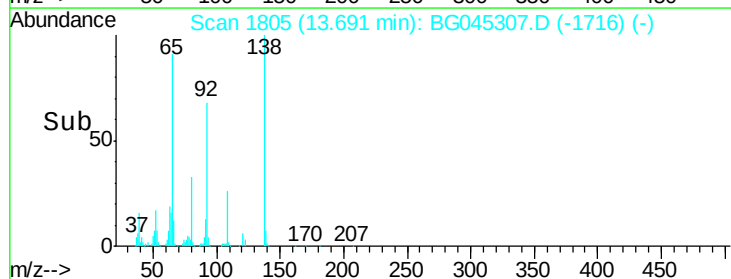
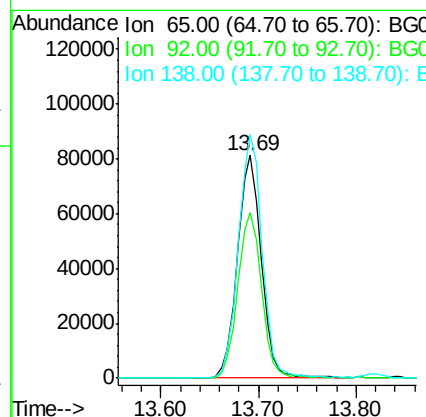
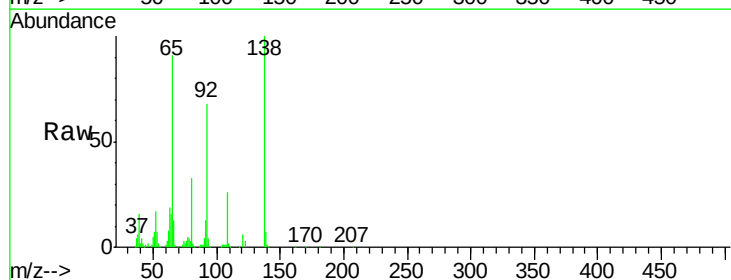
Instrument :
 BNA_G
 ClientSampleId :
 PB128734BS

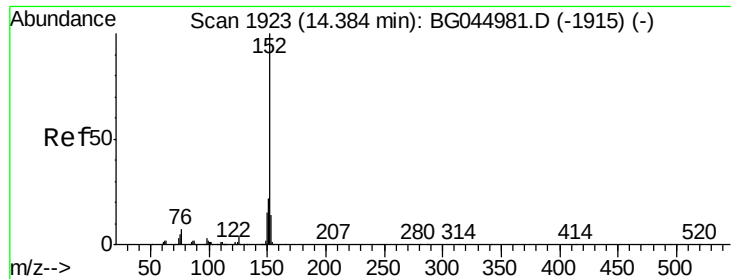
Tot Ion:162 Resp: 421706
 Ion Ratio Lower Upper
 162 100
 127 39.4 31.3 46.9
 164 34.5 27.8 41.8



#48
 2-Nitroaniline
 Concen: 36.446 ng
 RT: 13.69 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: BG045307.D
 Acq: 11 May 2020 22:04

Tgt Ion: 65 Resp: 137872
 Ion Ratio Lower Upper
 65 100
 92 74.3 58.3 87.5
 138 109.4 85.6 128.4





#49

Acenaphthylene

Concen: 38.045 ng

RT: 14.34 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

Instrument :

BNA_G

ClientSampleId :

PB128734BS

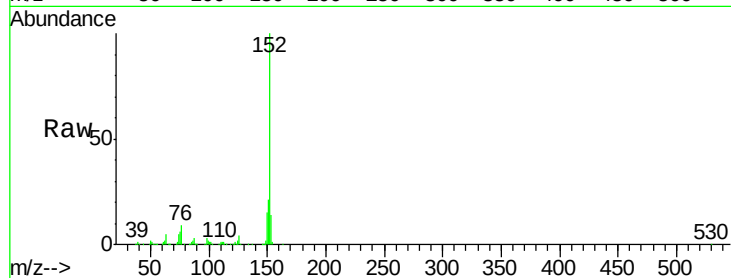
Tot Ion:152 Resp: 712515

Ion Ratio Lower Upper

152 100

151 21.1 17.2 25.8

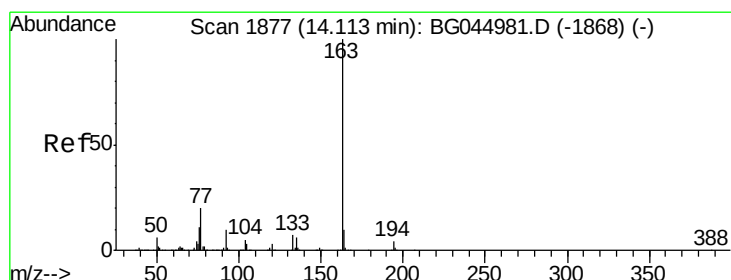
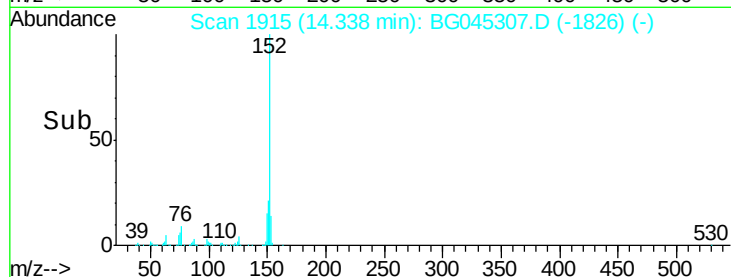
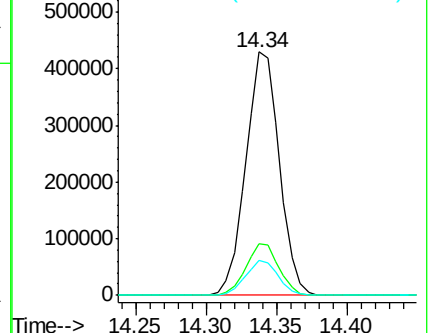
153 14.1 11.0 16.4



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: 36.108 ng

RT: 14.07 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

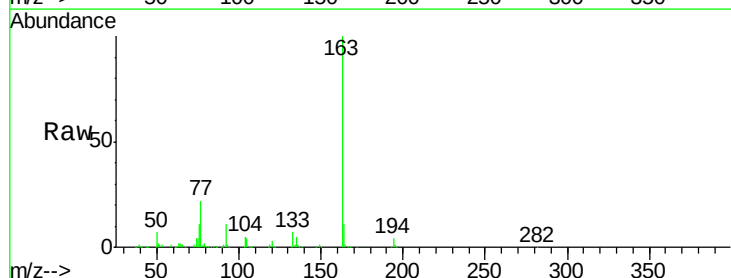
Tgt Ion:163 Resp: 582061

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

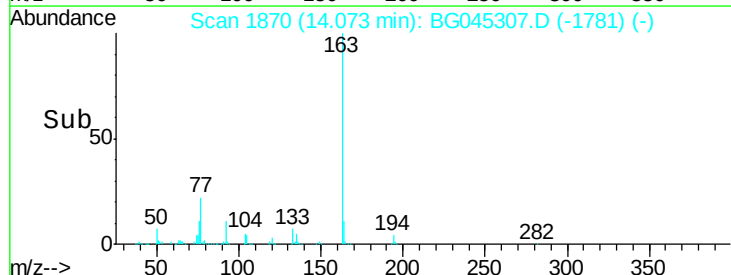
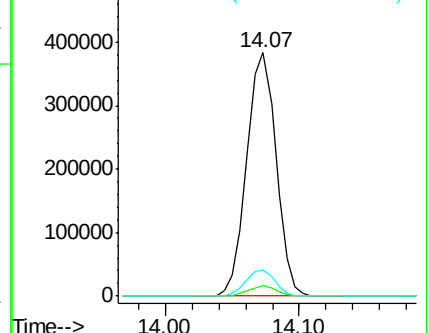
164 10.8 8.2 12.4

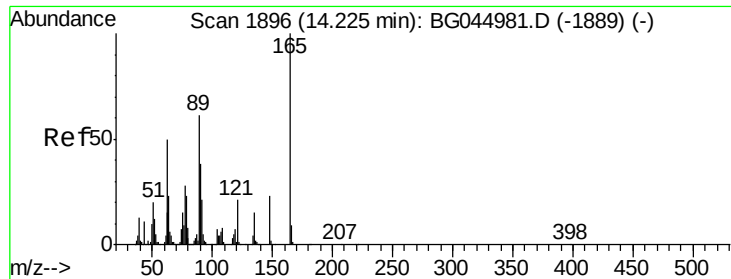


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

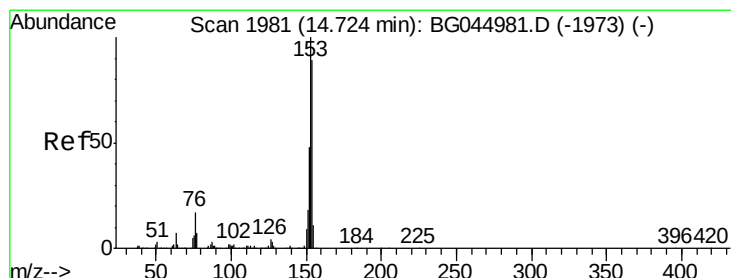
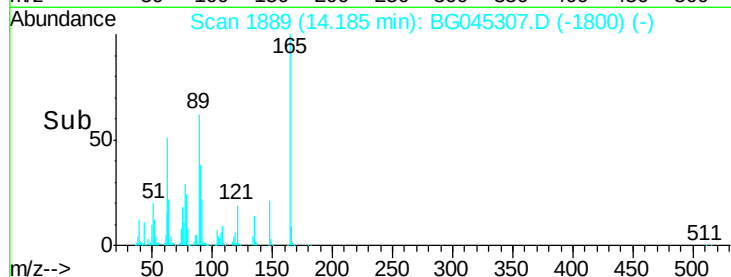
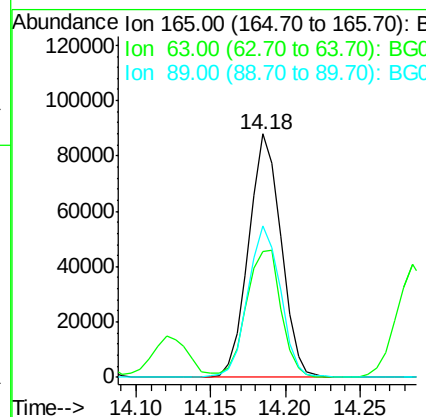
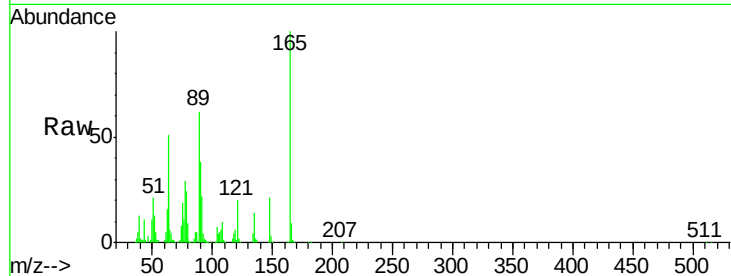




#51
 2,6-Dinitrotoluene
 Concen: 36.578 ng
 RT: 14.18 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: BG045307.D
 Acq: 11 May 2020 22:04

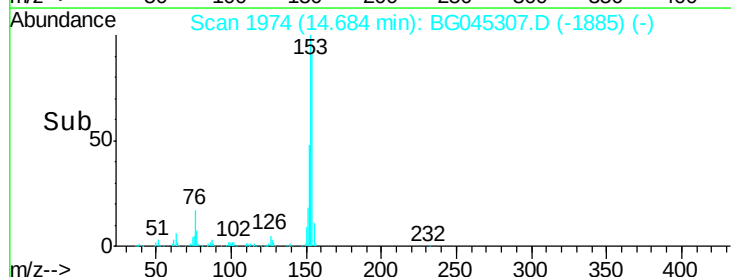
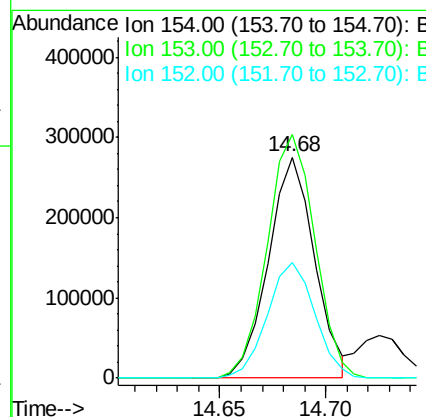
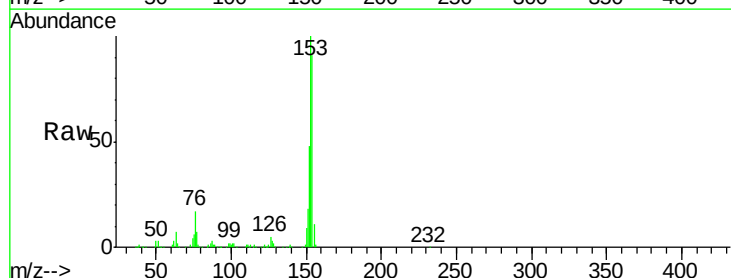
Instrument :
 BNA_G
 ClientSampleId :
 PB128734BS

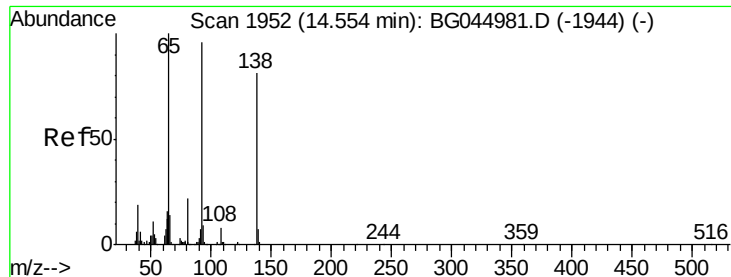
Tot Ion:165 Resp: 131885
 Ion Ratio Lower Upper
 165 100
 63 51.5 40.4 60.6
 89 62.0 49.1 73.7



#52
 Acenaphthene
 Concen: 33.104 ng
 RT: 14.68 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG045307.D
 Acq: 11 May 2020 22:04

Tgt Ion:154 Resp: 419470
 Ion Ratio Lower Upper
 154 100
 153 110.4 89.7 134.5
 152 52.6 43.1 64.7





#53

3-Nitroaniline

Concen: 18.199 ng

RT: 14.51 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

Instrument :

BNA_G

ClientSampleId :

PB128734BS

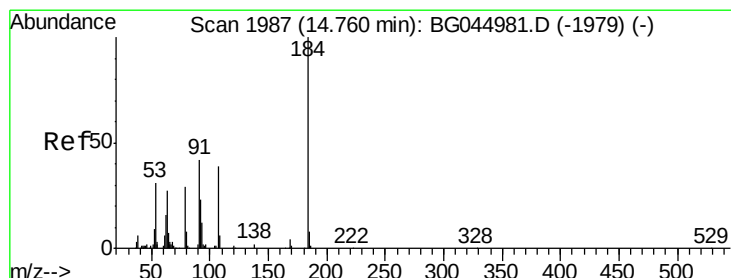
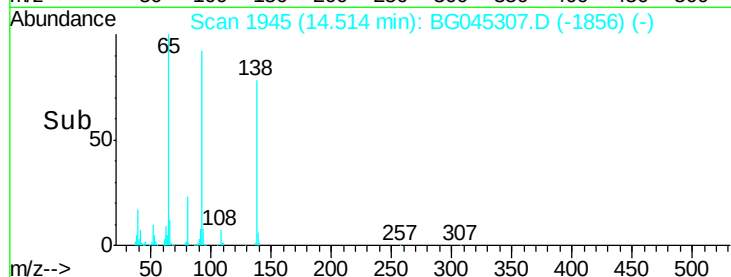
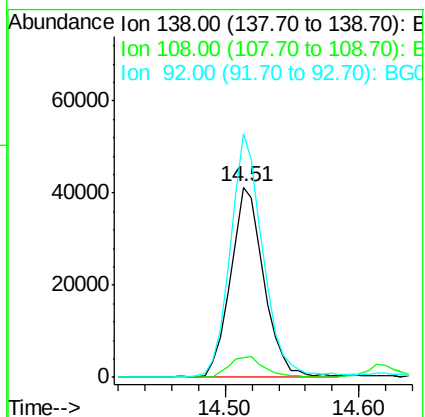
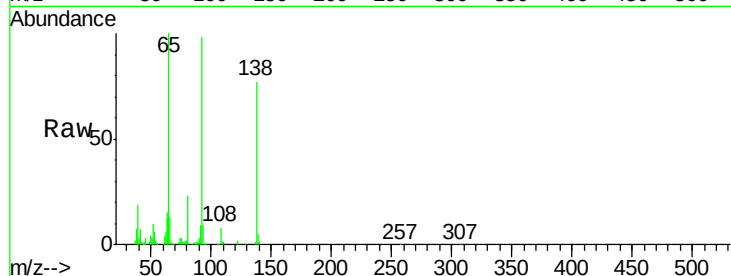
Tot Ion:138 Resp: 71966

Ion Ratio Lower Upper

138 100

108 10.3 7.8 11.8

92 128.1 94.5 141.7



#54

2,4-Dinitrophenol

Concen: 63.338 ng

RT: 14.73 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

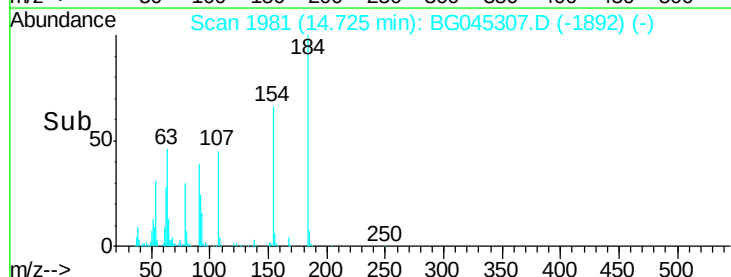
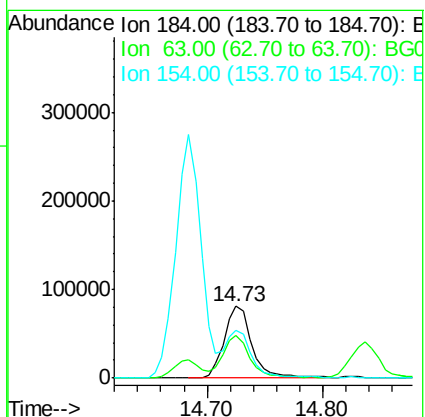
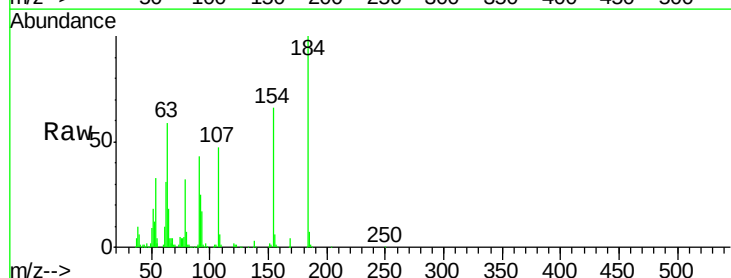
Tgt Ion:184 Resp: 135794

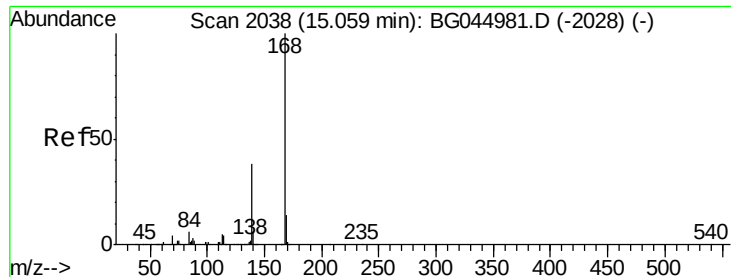
Ion Ratio Lower Upper

184 100

63 58.7 41.5 62.3

154 66.0 52.3 78.5

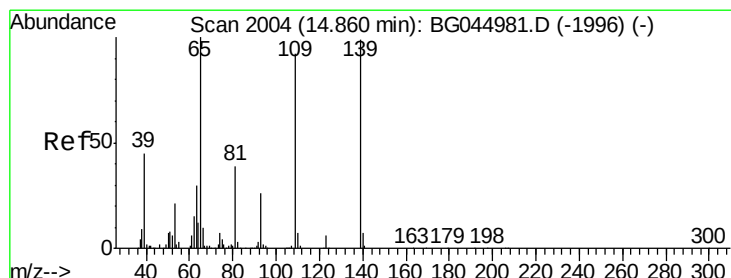
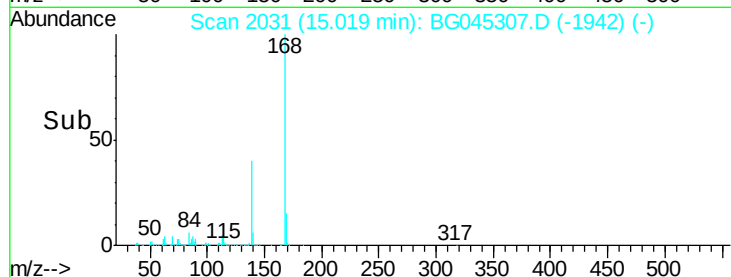
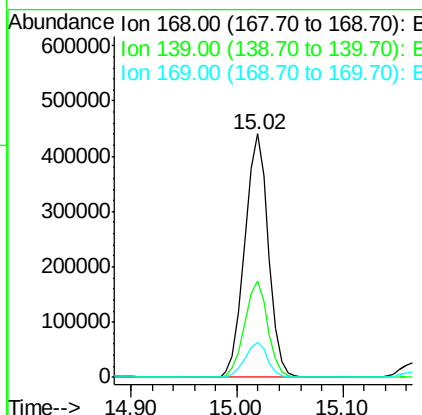
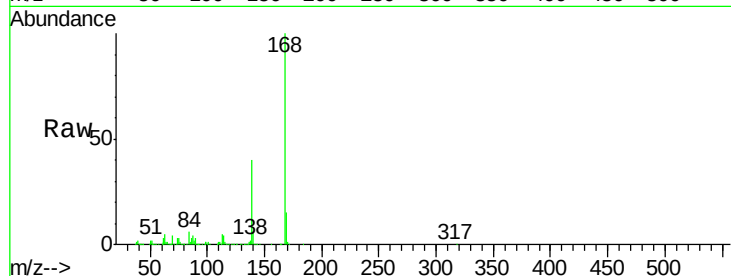




#55
Dibenzenofuran
Concen: 37.008 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG045307.D
Acq: 11 May 2020 22:04

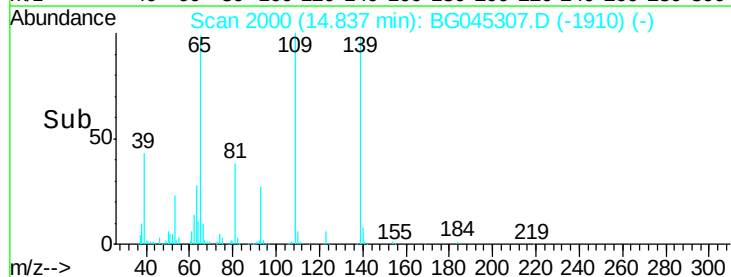
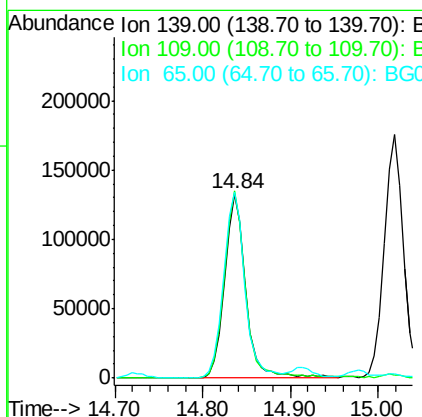
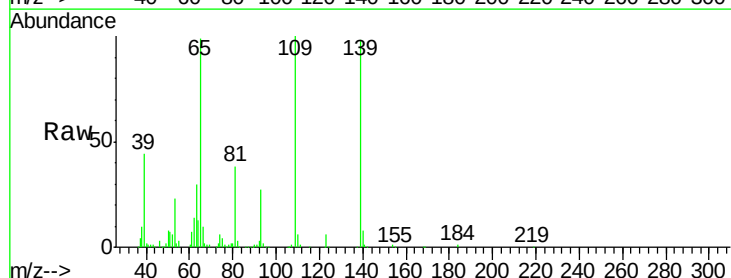
Instrument :
BNA_G
ClientSampleId :
PB128734BS

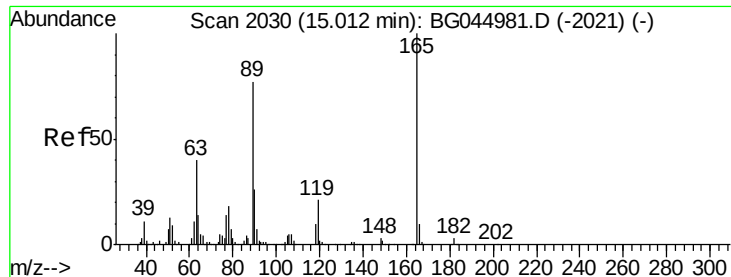
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.8	30.4	45.6
169	14.6	11.0	16.4



#56
4-Nitrophenol
Concen: 72.239 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BG045307.D
Acq: 11 May 2020 22:04

Tgt Ion	Ratio	Lower	Upper
139	100		
109	101.7	73.6	113.6
65	101.0	81.2	121.2

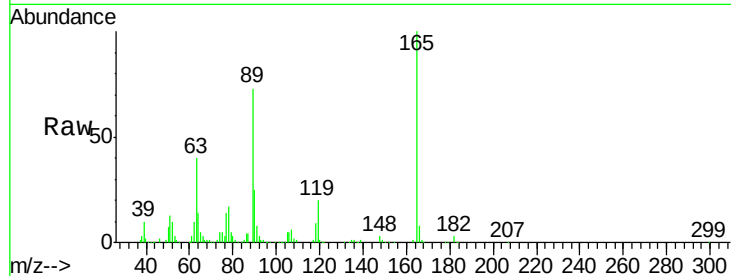




#57
 2,4-Dinitrotoluene
 Concen: 35.794 ng
 RT: 14.98 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BG045307.D
 Acq: 11 May 2020 22:04

Instrument :
 BNA_G
 ClientSampleId :
 PB128734BS

Tot Ion:	165	Resp:	188604
Ion	Ratio	Lower	Upper
165	100		
63	39.5	32.2	48.2
89	72.9	61.7	92.5
182	2.6	2.0	3.0

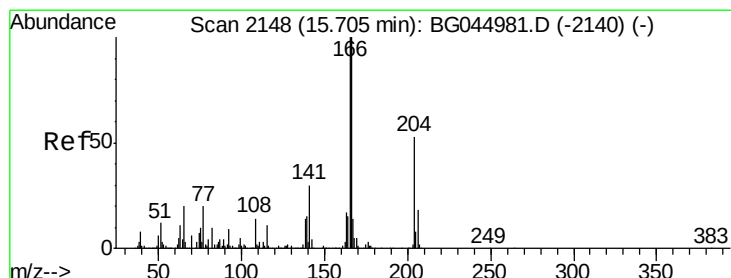
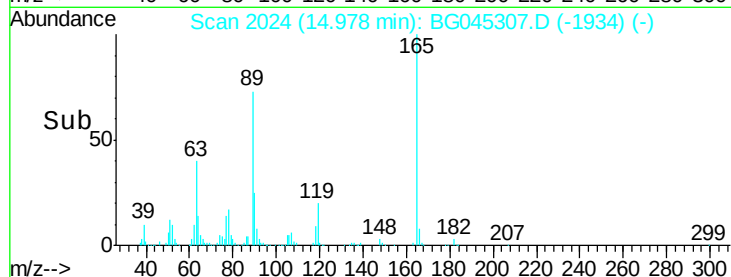
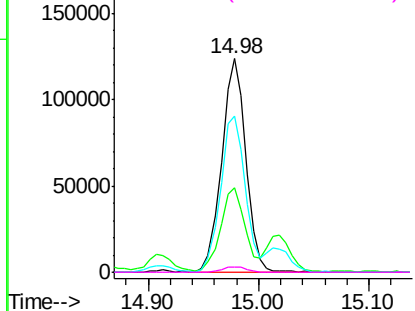


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

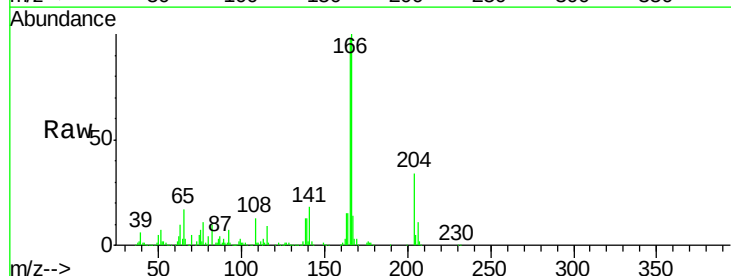
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 37.165 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: BG045307.D
 Acq: 11 May 2020 22:04

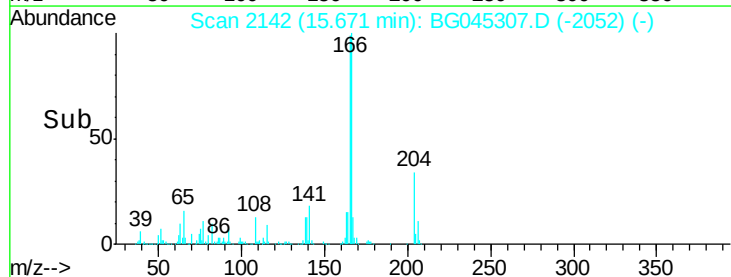
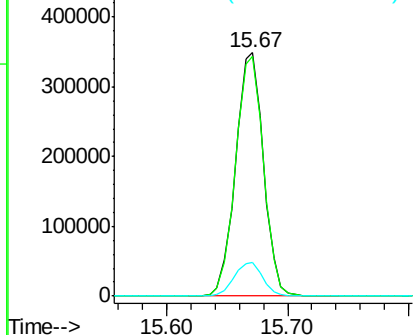
Tgt Ion:	166	Resp:	560806
Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.9	119.9
167	13.6	11.4	17.0

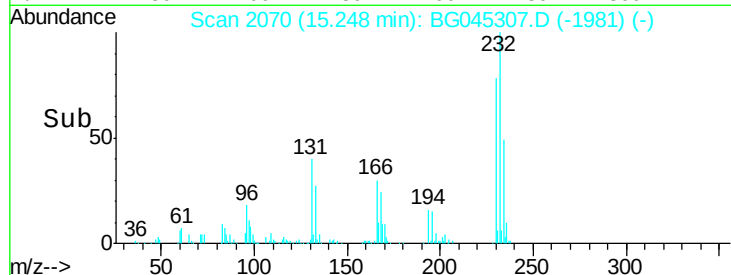
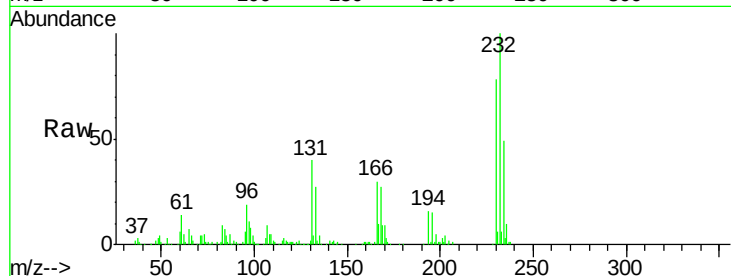
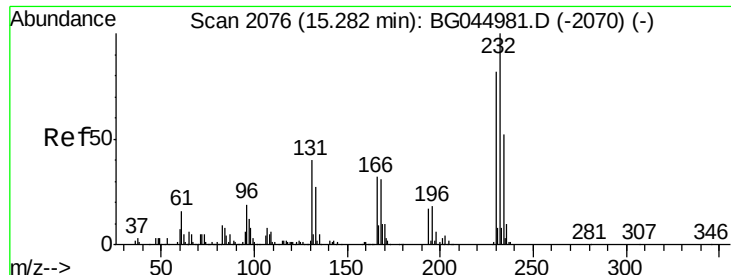


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

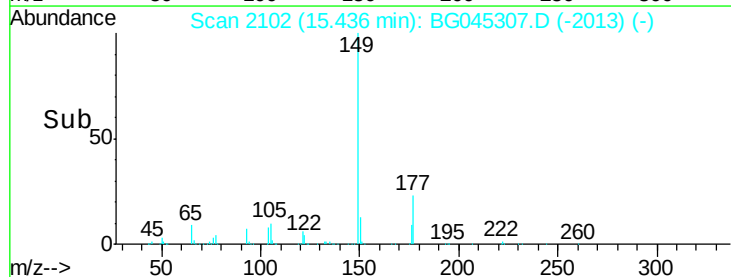
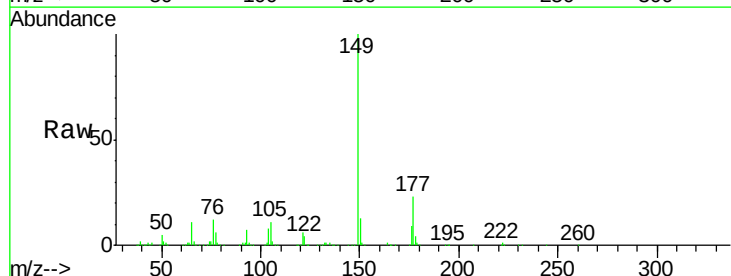
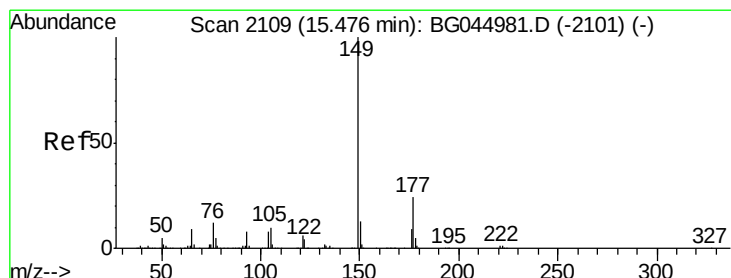
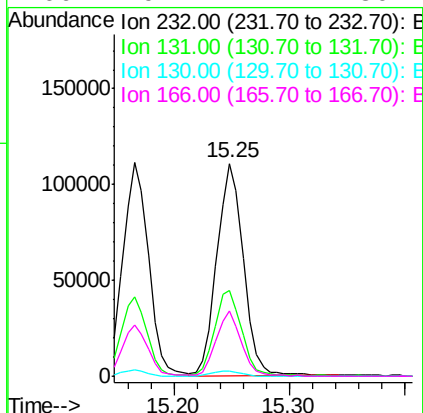




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.626 ng
RT: 15.25 min Scan# 2070
Delta R.T. -0.01 min
Lab File: BG045307.D
Acq: 11 May 2020 22:04

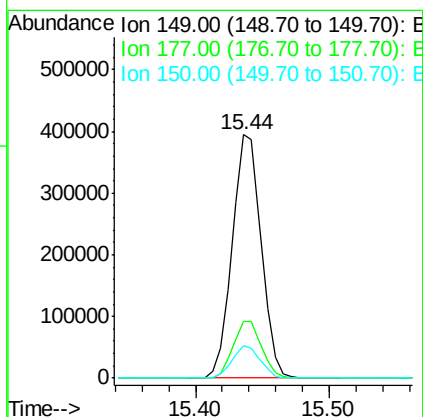
Instrument :
BNA_G
ClientSampleId :
PB128734BS

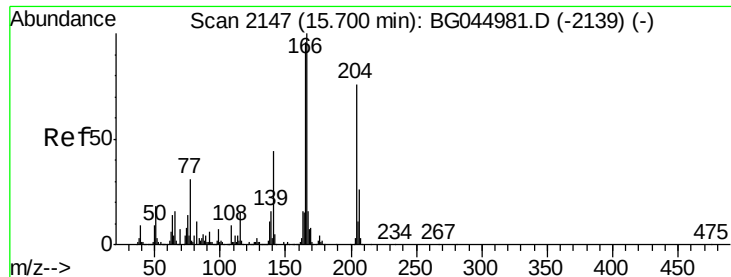
Tot Ion:	232	Resp:	175991
Ion	Ratio	Lower	Upper
232	100		
131	40.7	32.2	48.2
130	2.7	2.2	3.2
166	29.7	24.2	36.4



#60
Diethylphthalate
Concen: 35.410 ng
RT: 15.44 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BG045307.D
Acq: 11 May 2020 22:04

Tgt Ion:	149	Resp:	595116
Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.9	28.3
150	13.5	10.6	15.8

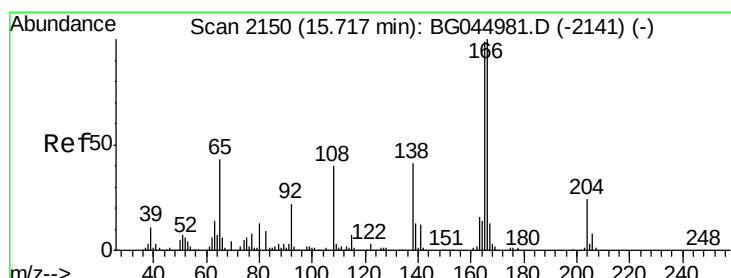
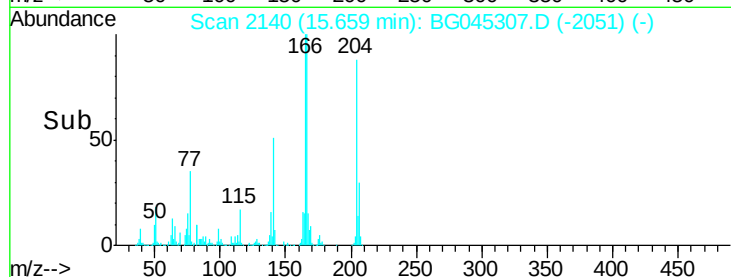
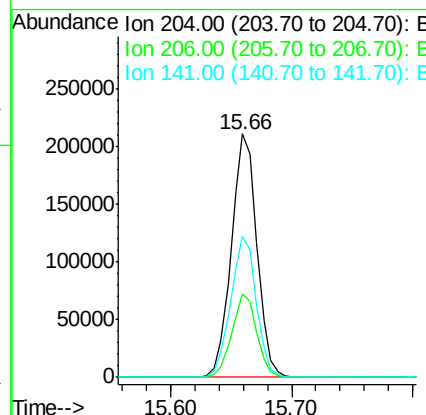
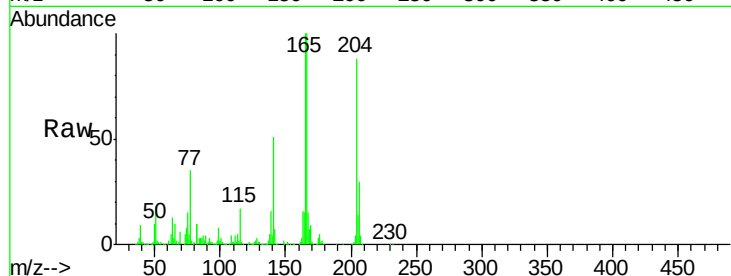




#61
4-Chlorophenyl-phenylether
Concen: 35.470 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BG045307.D
Acq: 11 May 2020 22:04

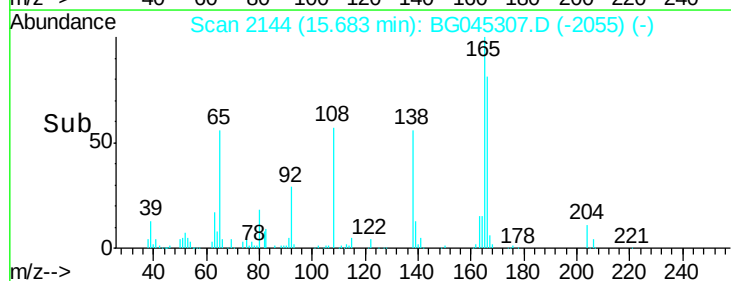
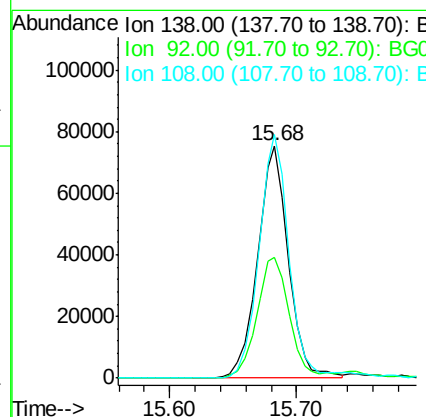
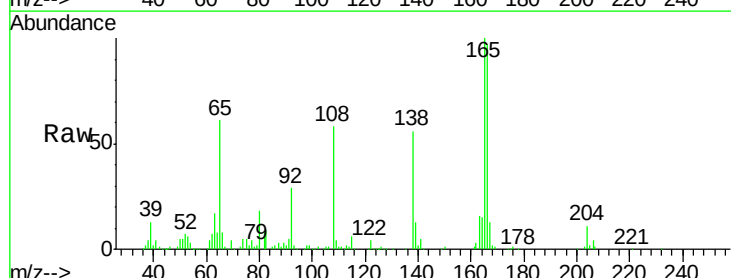
Instrument :
BNA_G
ClientSampled :
PB128734BS

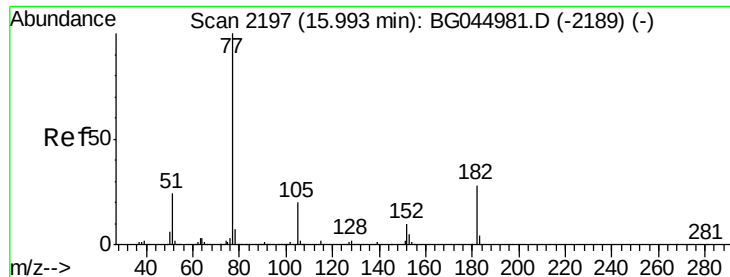
Tot Ion:204 Resp: 308072
Ion Ratio Lower Upper
204 100
206 34.4 26.9 40.3
141 58.1 46.3 69.5



#62
4-Nitroaniline
Concen: 30.914 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG045307.D
Acq: 11 May 2020 22:04

Tgt Ion:138 Resp: 126797
Ion Ratio Lower Upper
138 100
92 51.9 33.6 73.6
108 104.7 78.2 118.2





#63

Azobenzene

Concen: 36.773 ng

RT: 15.95 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

Instrument :

BNA_G

ClientSampled :

PB128734BS

Tot Ion: 77 Resp: 569798

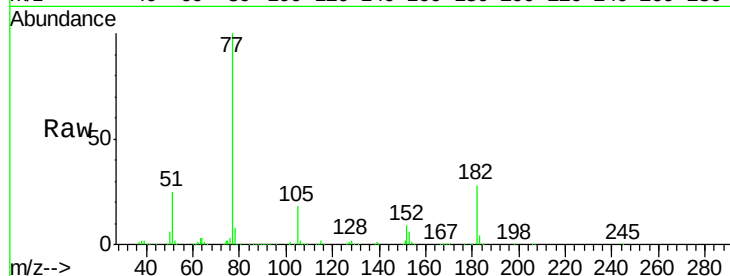
Ion Ratio Lower Upper

77 100

182 27.7 8.4 48.4

105 18.3 0.5 40.5

51 24.9 4.4 44.4

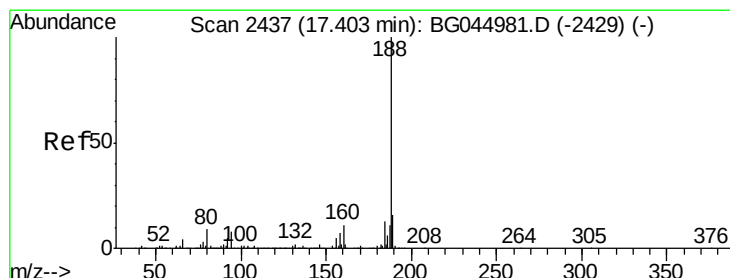
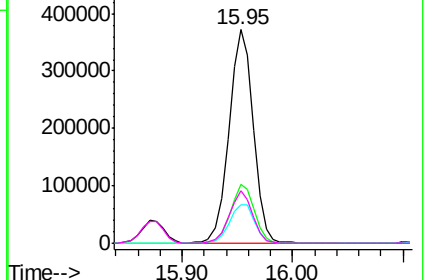
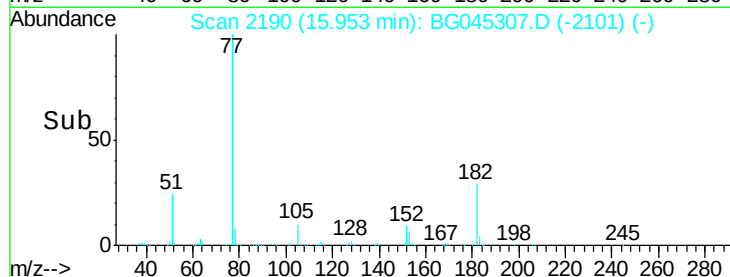


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

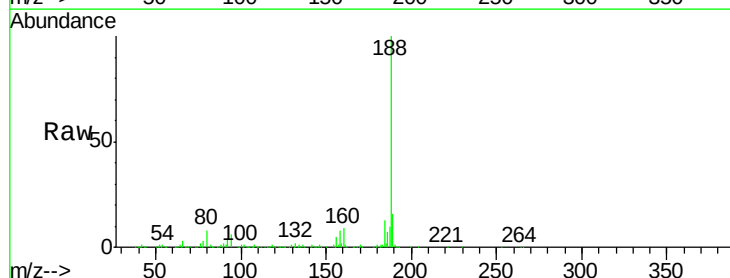
Tgt Ion: 188 Resp: 457787

Ion Ratio Lower Upper

188 100

94 6.5 6.2 9.4

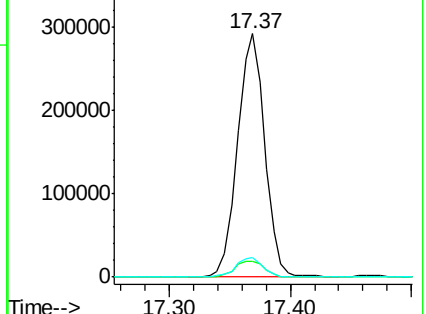
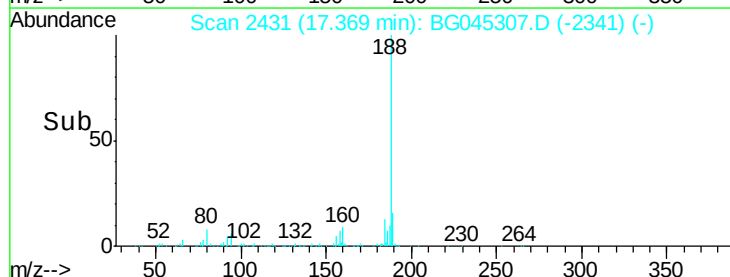
80 8.0 7.0 10.6

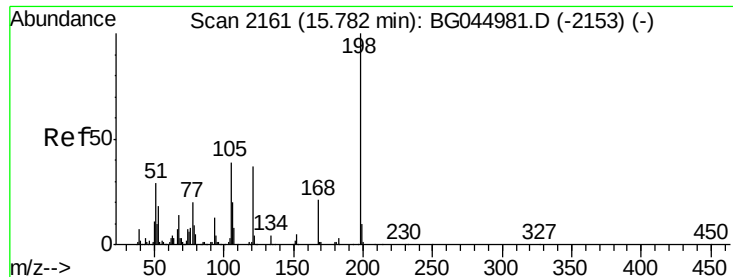


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

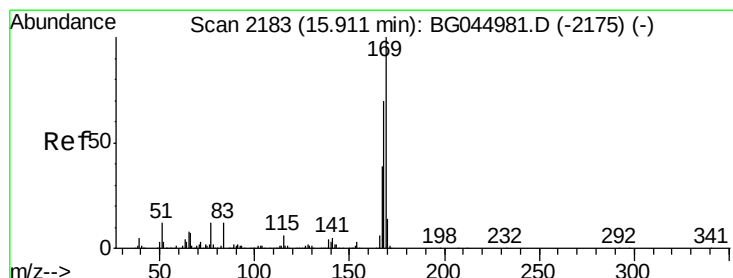
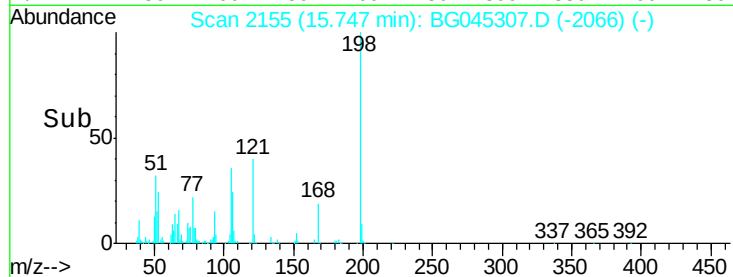
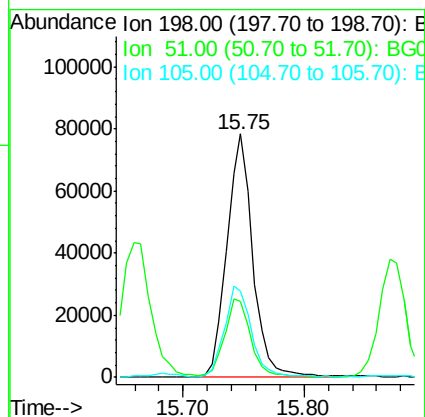
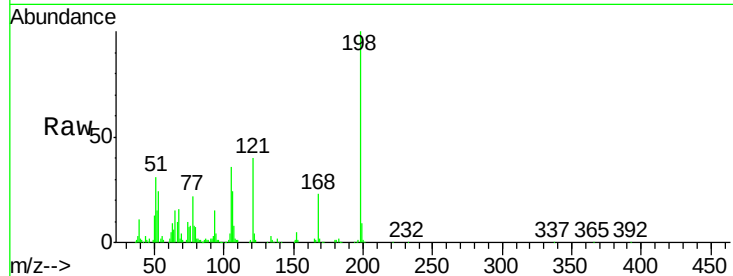




#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.697 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BG045307.D
 Acq: 11 May 2020 22:04

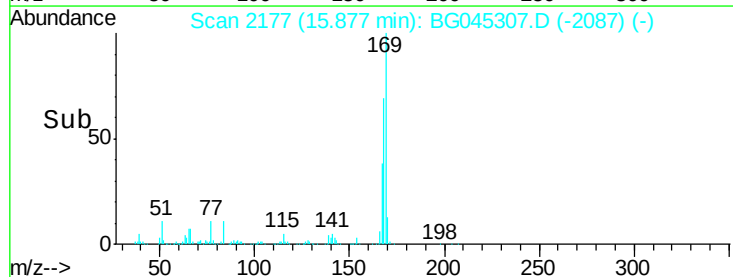
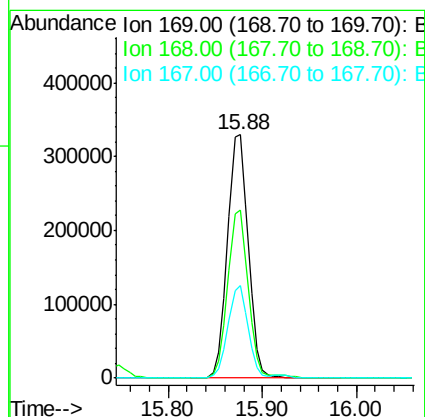
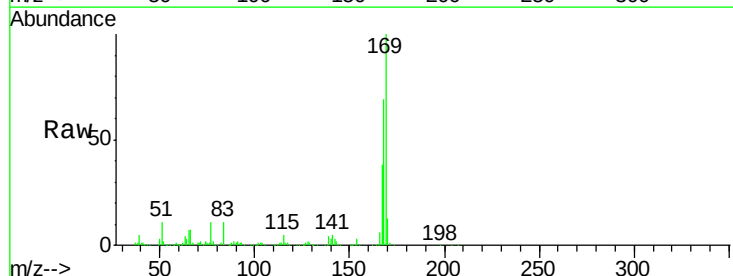
Instrument :
 BNA_G
 ClientSampleId :
 PB128734BS

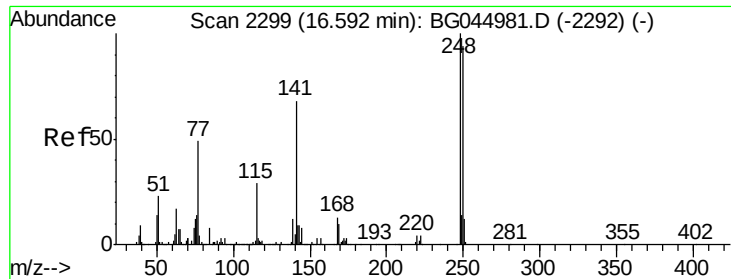
Tot Ion	198	Resp	116442
Ion	Ratio	Lower	Upper
198	100		
51	31.3	10.0	50.0
105	35.6	18.9	58.9



#66
 n-Nitrosodiphenylamine
 Concen: 38.673 ng
 RT: 15.88 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: BG045307.D
 Acq: 11 May 2020 22:04

Tgt Ion	169	Resp	508671
Ion	Ratio	Lower	Upper
169	100		
168	68.9	55.8	83.8
167	38.1	30.8	46.2

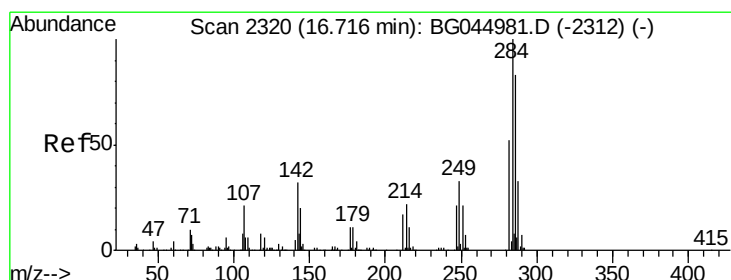
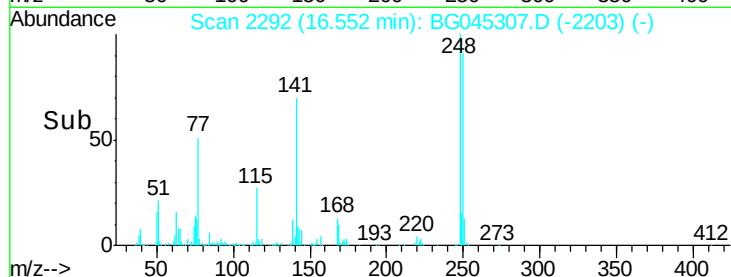
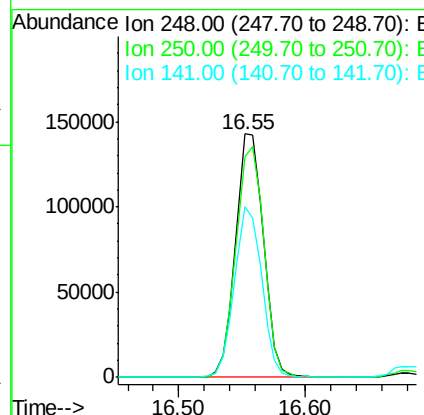
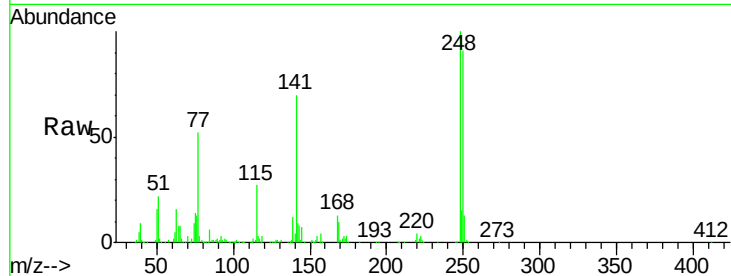




#67
4-Bromophenyl-phenylether
Concen: 36.636 ng
RT: 16.55 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BG045307.D
Acq: 11 May 2020 22:04

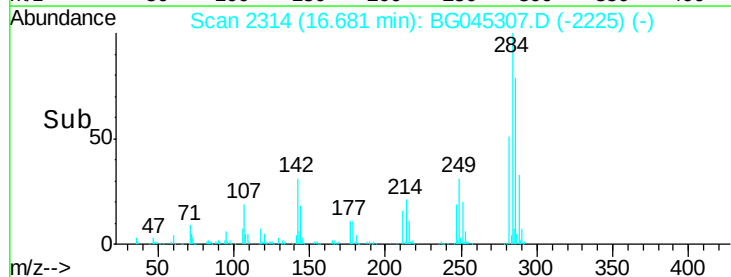
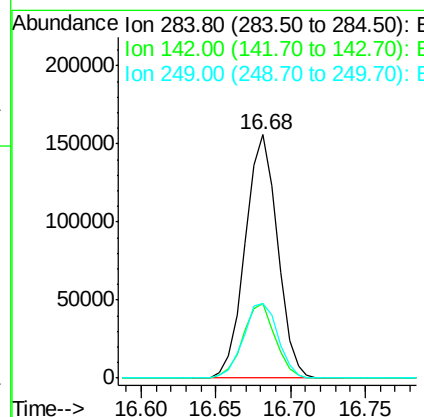
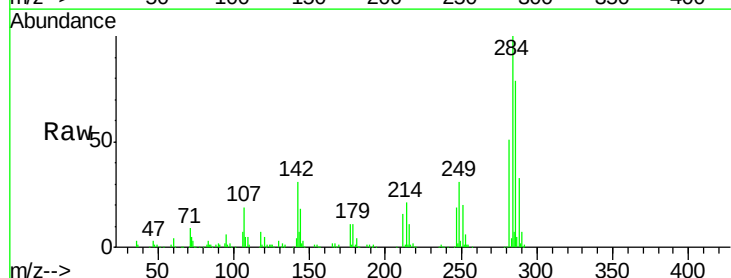
Instrument :
BNA_G
ClientSampleId :
PB128734BS

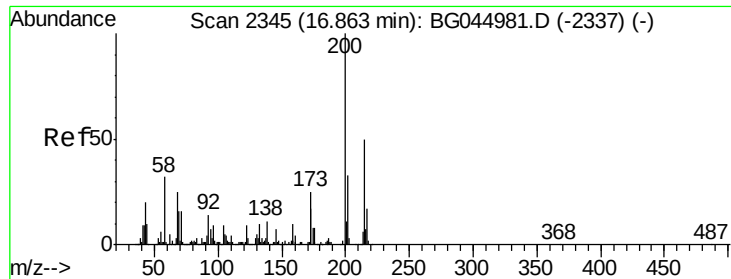
Tot Ion:248 Resp: 216365
Ion Ratio Lower Upper
248 100
250 90.6 75.4 113.2
141 70.2 54.4 81.6



#68
Hexachlorobenzene
Concen: 38.102 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BG045307.D
Acq: 11 May 2020 22:04

Tgt Ion:284 Resp: 233375
Ion Ratio Lower Upper
284 100
142 30.8 25.8 38.6
249 30.7 26.6 39.8





#69

Atrazine

Concen: 39.412 ng

RT: 16.82 min Scan# 2338

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

Instrument :

BNA_G

ClientSampleId :

PB128734BS

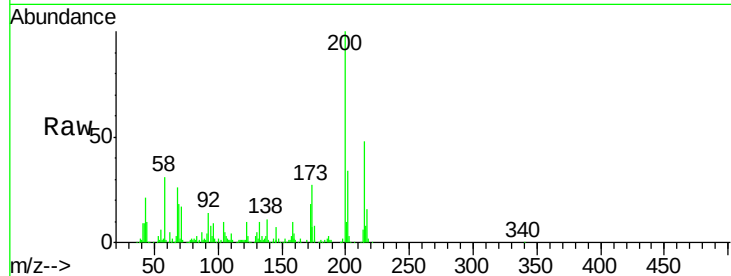
Tot Ion:200 Resp: 191924

Ion Ratio Lower Upper

200 100

173 26.6 4.5 44.5

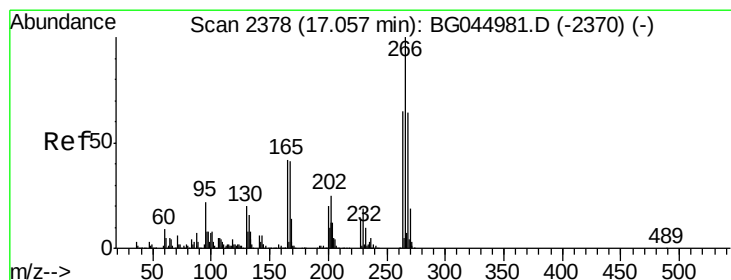
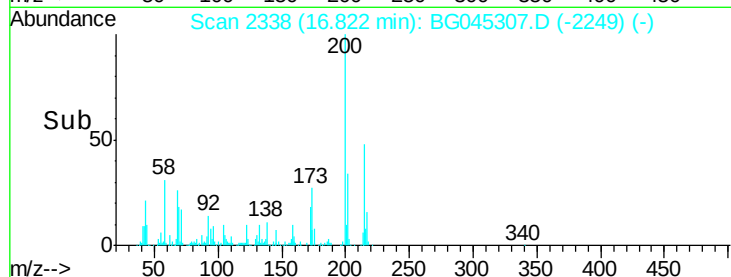
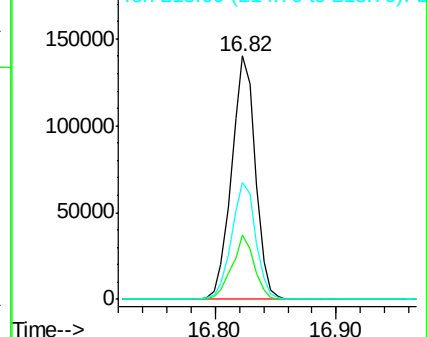
215 48.0 30.0 70.0



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: 73.232 ng

RT: 17.02 min Scan# 2372

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

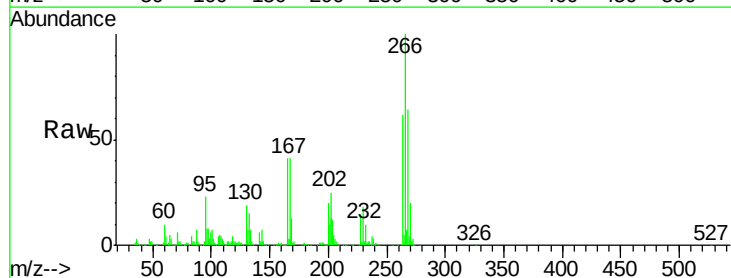
Tgt Ion:266 Resp: 275168

Ion Ratio Lower Upper

266 100

268 64.4 51.5 77.3

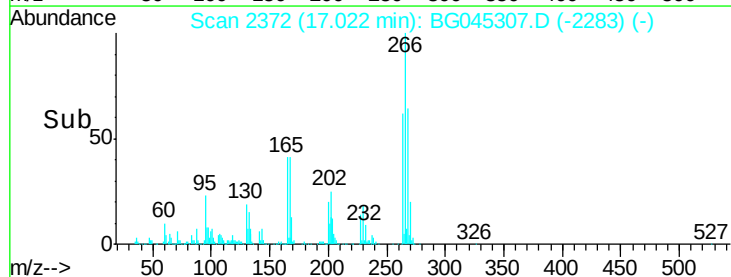
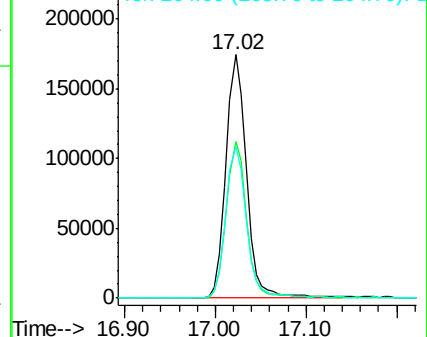
264 62.3 52.2 78.4

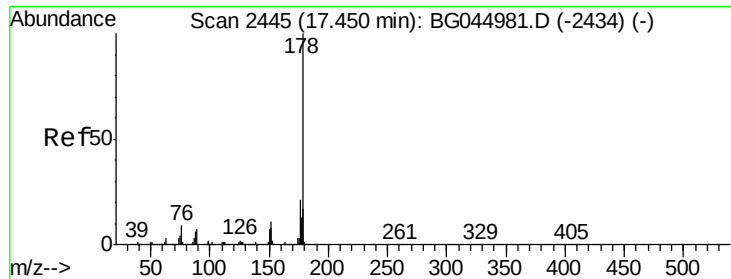


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.554 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

Instrument :

BNA_G

ClientSampleId :

PB128734BS

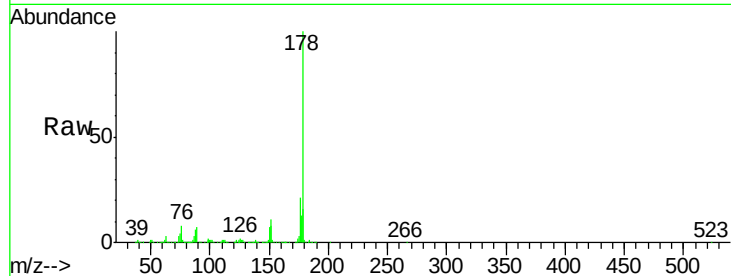
Tot Ion:178 Resp: 906954

Ion Ratio Lower Upper

178 100

176 20.6 16.8 25.2

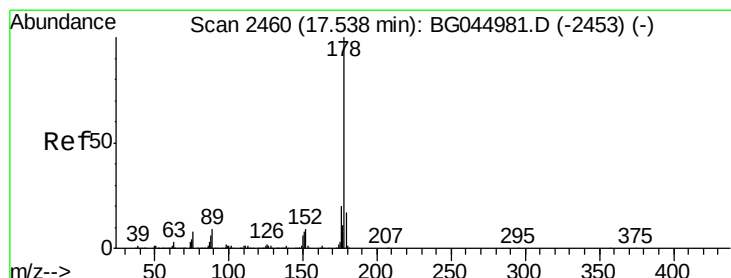
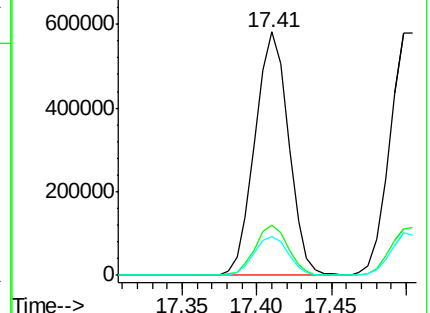
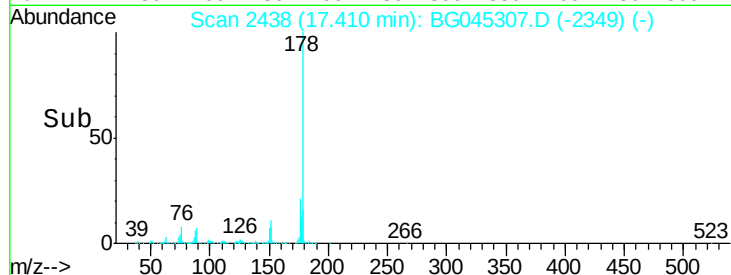
179 16.2 13.2 19.8



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: 39.830 ng

RT: 17.50 min Scan# 2453

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

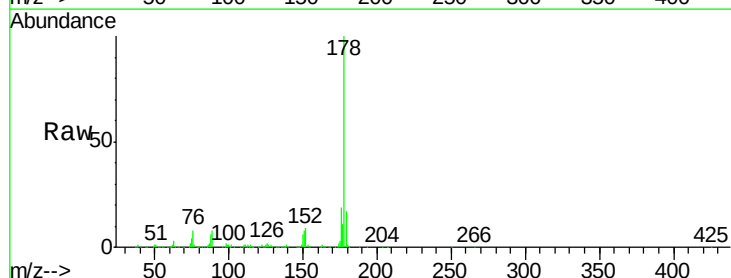
Tgt Ion:178 Resp: 939885

Ion Ratio Lower Upper

178 100

176 19.4 16.0 24.0

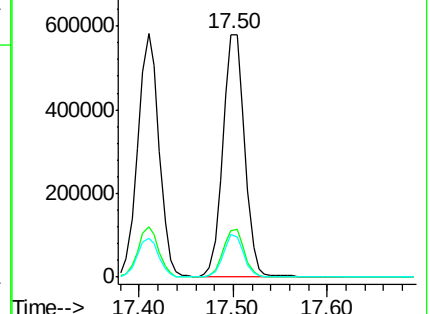
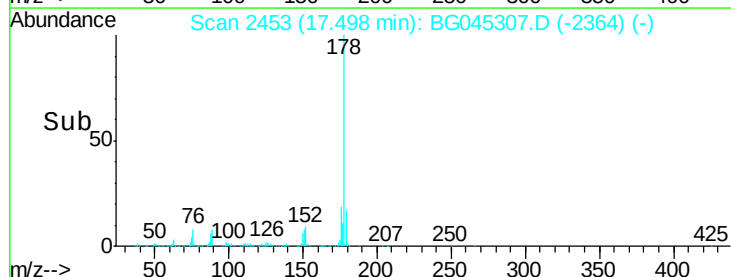
179 17.5 13.6 20.4

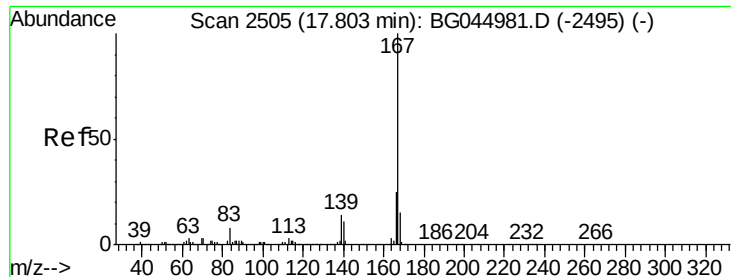


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 36.005 ng

RT: 17.77 min Scan# 2499

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

Instrument :

BNA_G

ClientSampleId :

PB128734BS

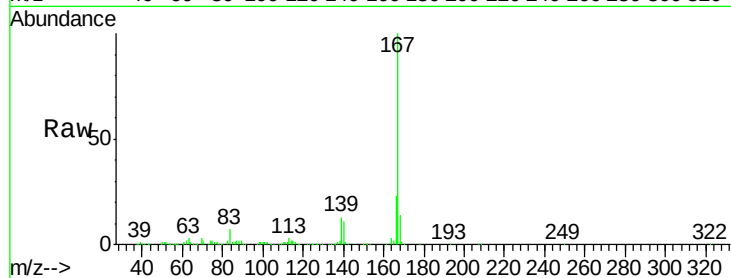
Tot Ion:167 Resp: 862206

Ion Ratio Lower Upper

167 100

166 23.2 19.8 29.6

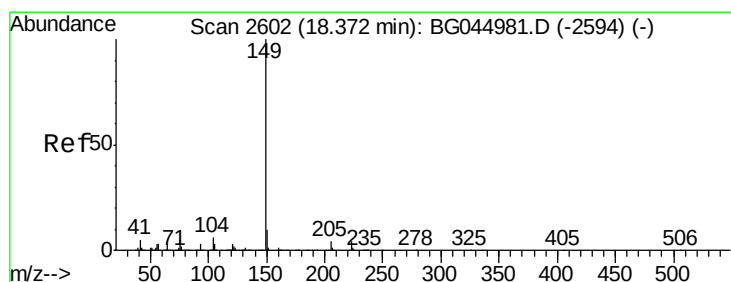
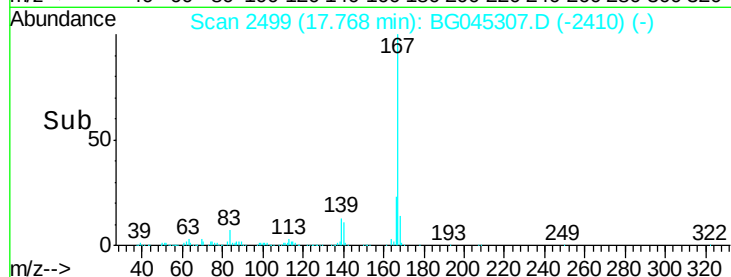
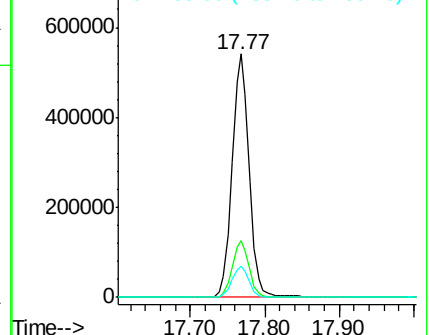
139 12.8 10.9 16.3



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: 38.050 ng

RT: 18.33 min Scan# 2595

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

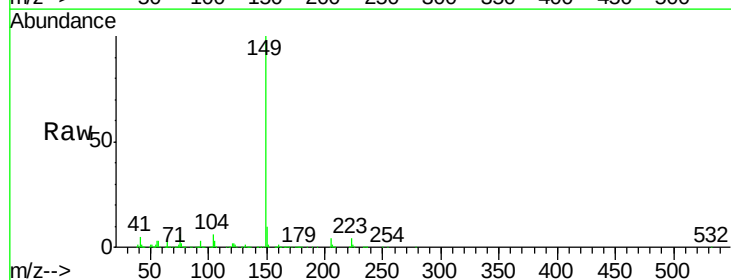
Tgt Ion:149 Resp: 1016295

Ion Ratio Lower Upper

149 100

150 9.9 8.2 12.2

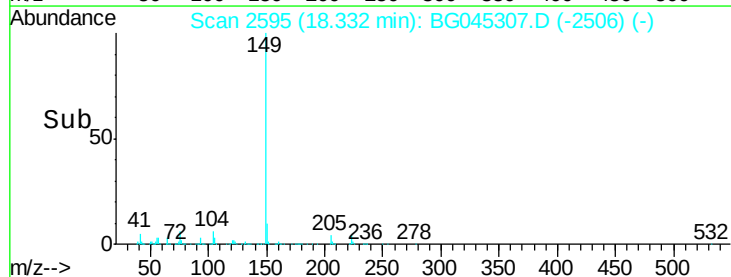
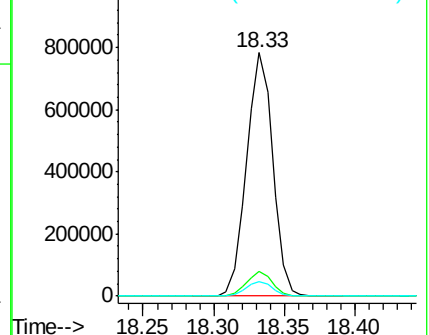
104 5.8 4.8 7.2

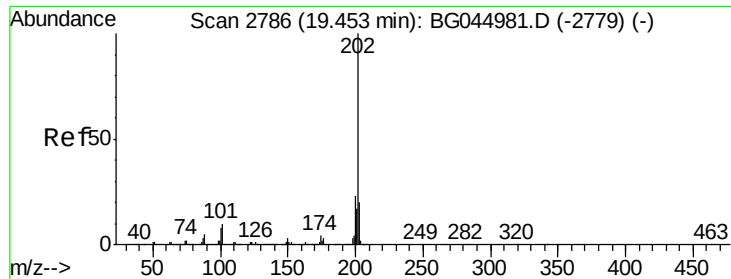


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.654 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

Instrument :

BNA_G

ClientSampleId :

PB128734BS

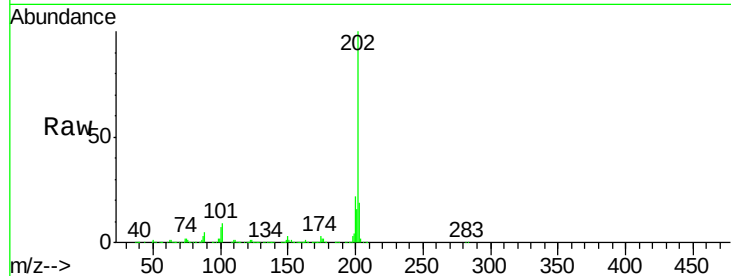
Tot Ion:202 Resp: 1140578

Ion Ratio Lower Upper

202 100

101 8.6 0.0 29.6

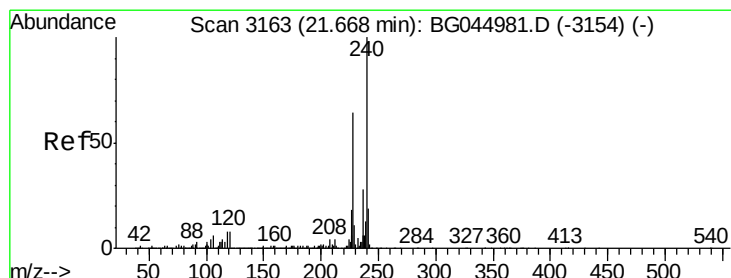
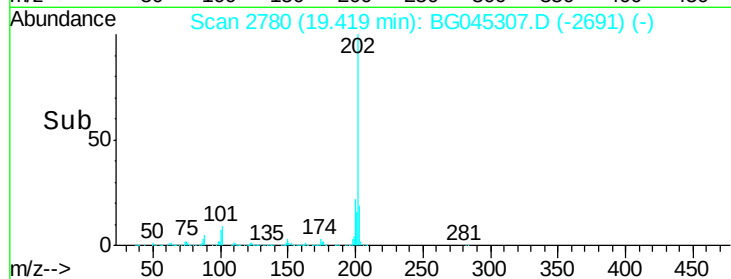
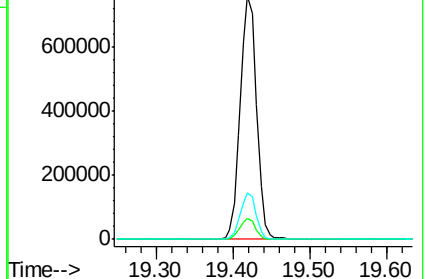
203 19.1 0.0 39.7



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: 21.63 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

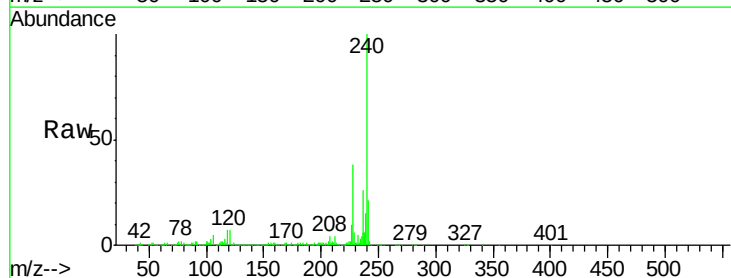
Tgt Ion:240 Resp: 425760

Ion Ratio Lower Upper

240 100

120 6.8 6.6 10.0

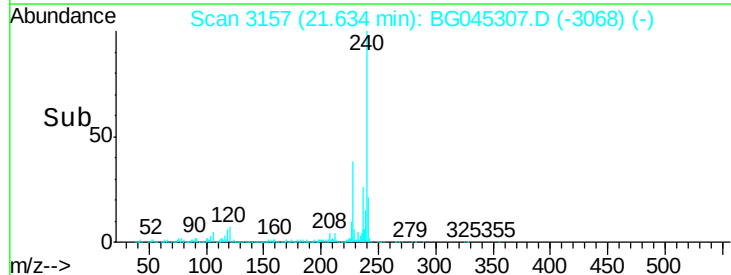
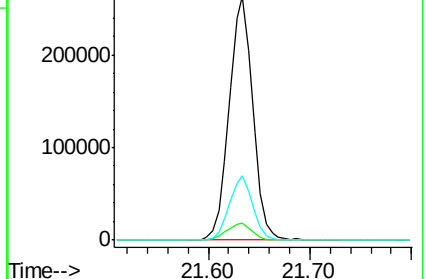
236 26.3 22.2 33.2

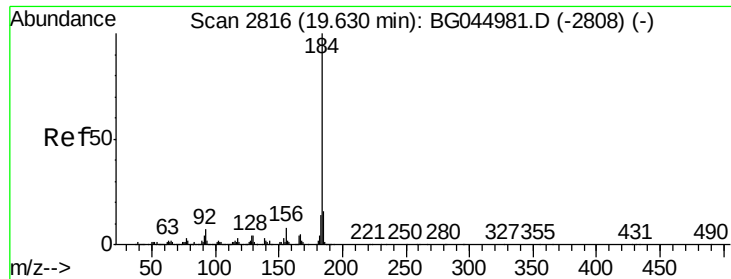


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.639 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

Instrument :

BNA_G

ClientSampleId :

PB128734BS

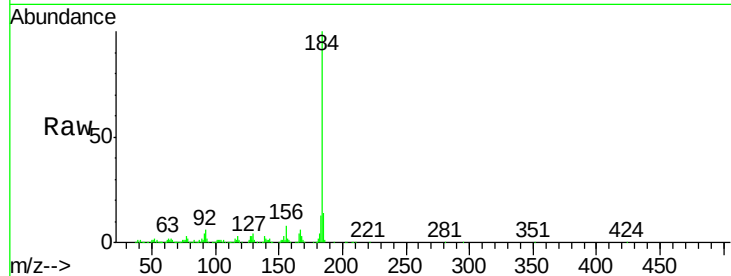
Tot Ion:184 Resp: 508266

Ion Ratio Lower Upper

184 100

185 14.1 12.6 19.0

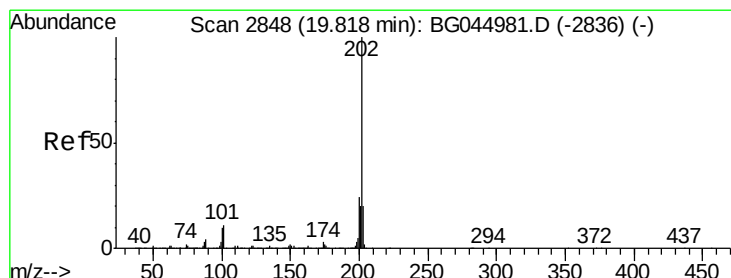
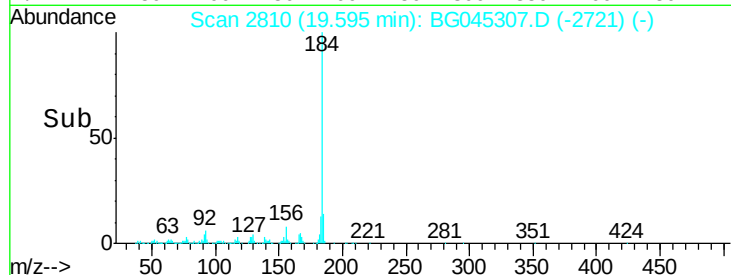
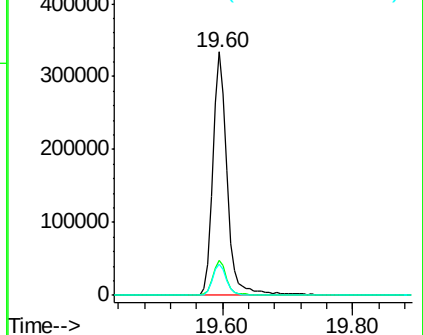
183 12.8 11.3 16.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.422 ng

RT: 19.78 min Scan# 2842

Delta R.T. -0.00 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

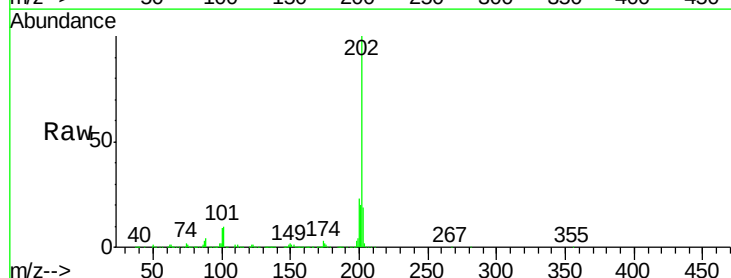
Tgt Ion:202 Resp: 1127765

Ion Ratio Lower Upper

202 100

200 23.0 19.0 28.6

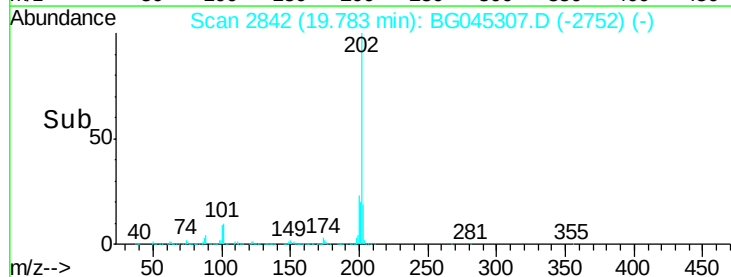
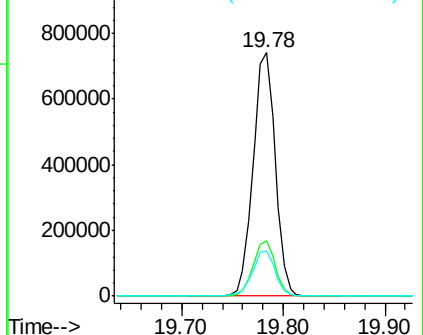
203 18.8 16.1 24.1

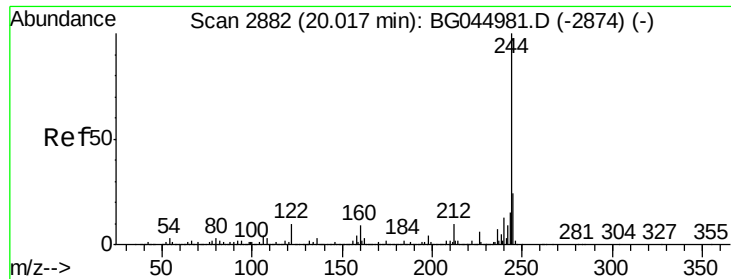


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.295 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

Instrument :

BNA_G

ClientSampleId :

PB128734BS

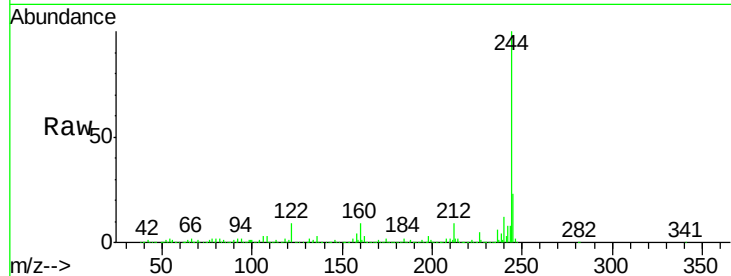
Tot Ion:244 Resp: 1666159

Ion Ratio Lower Upper

244 100

212 9.5 7.9 11.9

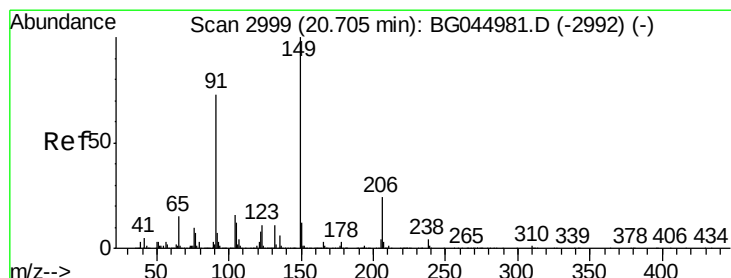
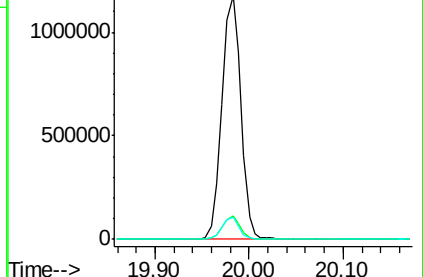
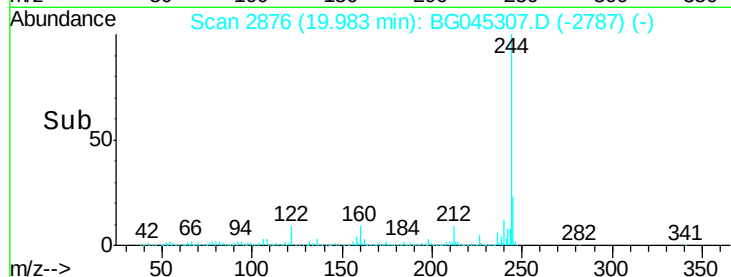
122 9.1 7.7 11.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.377 ng

RT: 20.67 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

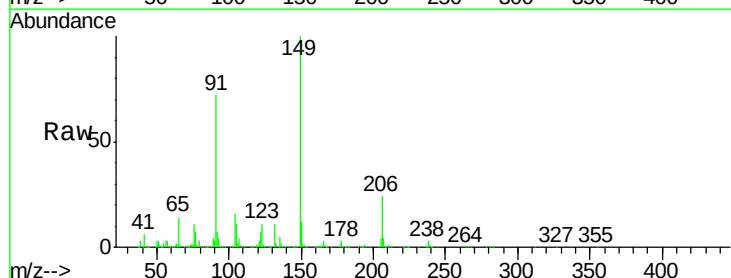
Tgt Ion:149 Resp: 466929

Ion Ratio Lower Upper

149 100

91 71.8 58.5 87.7

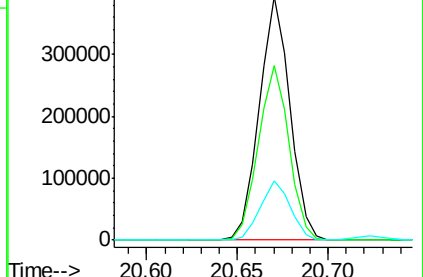
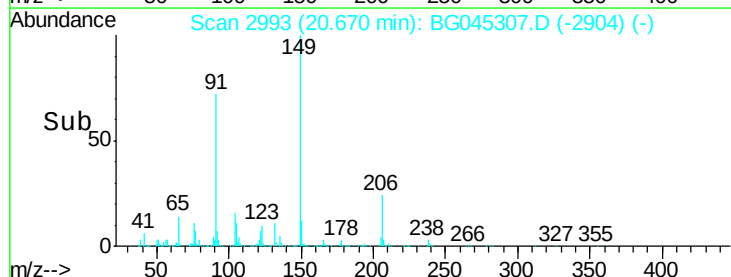
206 24.2 19.2 28.8

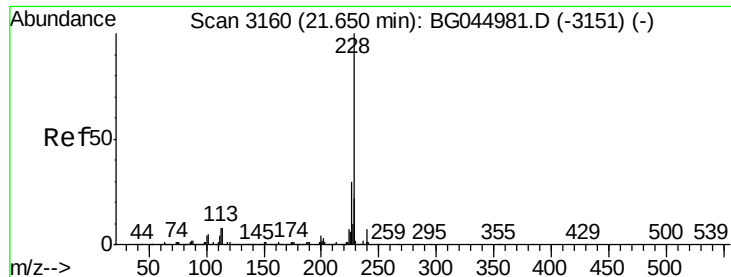


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.578 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

Instrument :

BNA_G

ClientSampleId :

PB128734BS

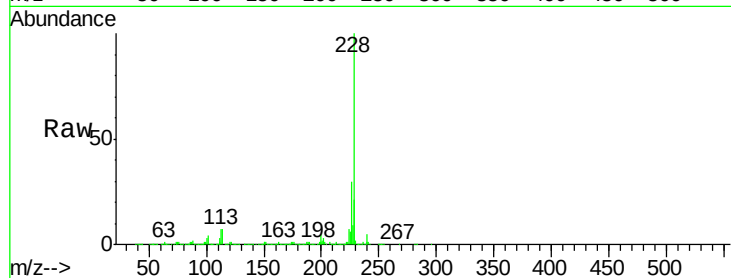
Tot Ion:228 Resp: 1092155

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	21.5	17.5	26.3

228 100

226 30.1 24.0 36.0

229 21.5 17.5 26.3

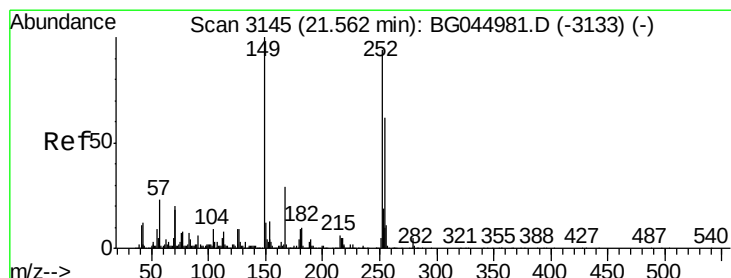
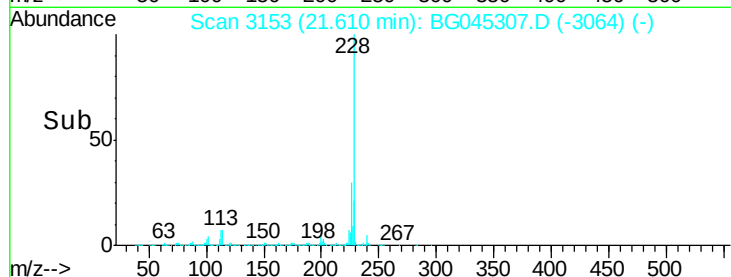
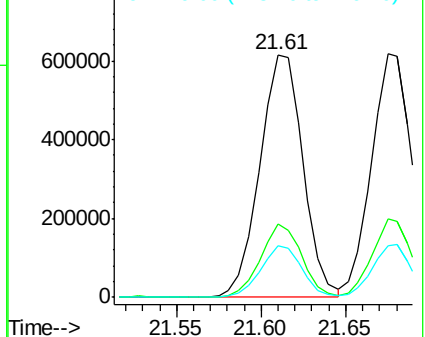


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 19.461 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

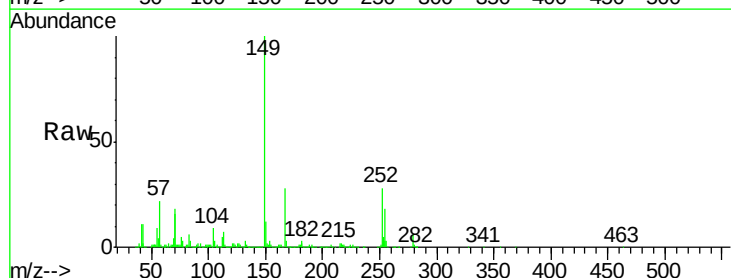
Tgt Ion:252 Resp: 213748

Ion	Ratio	Lower	Upper
252	100		
254	62.7	52.6	79.0
126	7.8	7.5	11.3

252 100

254 62.7 52.6 79.0

126 7.8 7.5 11.3

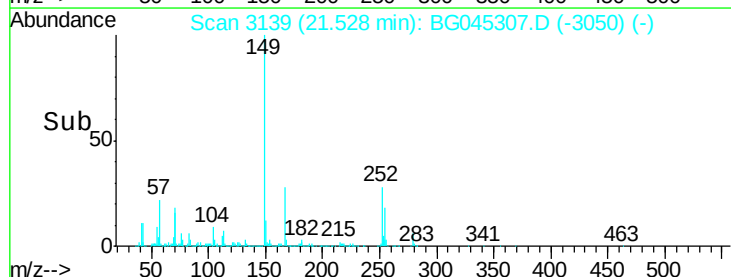
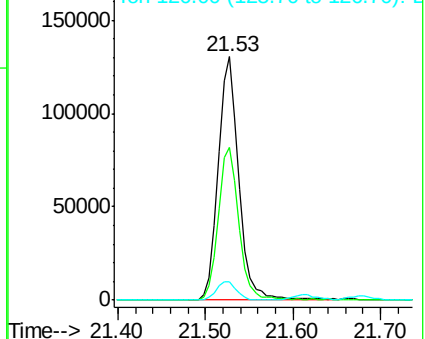


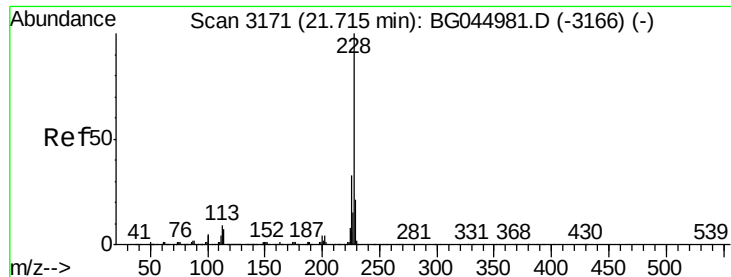
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.039 ng

RT: 21.67 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

Instrument :

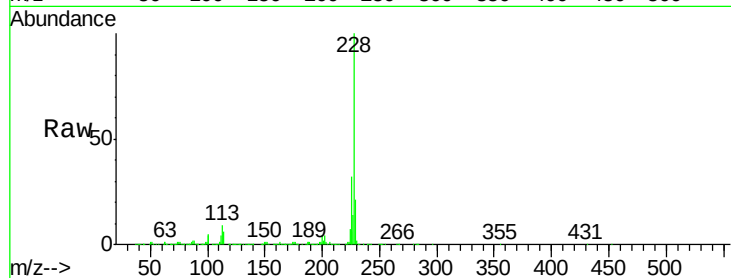
BNA_G

ClientSampleId :

PB128734BS

Tot Ion:228 Resp: 1035068

Ion	Ratio	Lower	Upper
228	100		
226	32.2	26.2	39.4
229	21.2	17.0	25.6

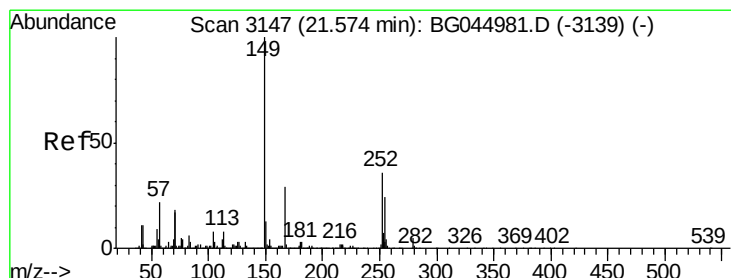
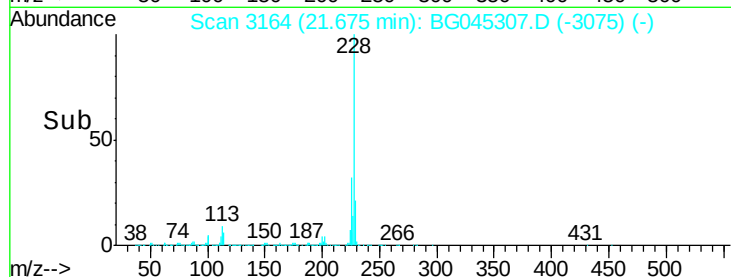
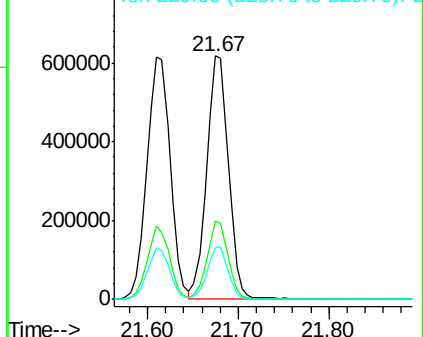


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.705 ng

RT: 21.53 min Scan# 3139

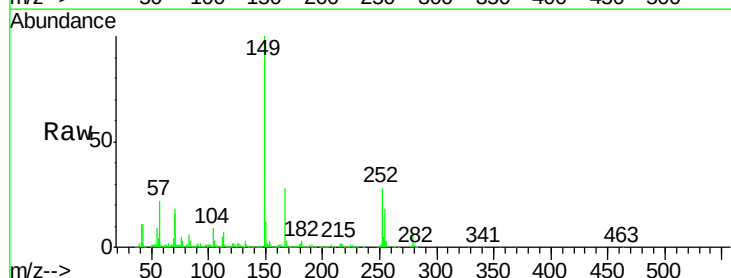
Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

Tgt Ion:149 Resp: 647668

Ion	Ratio	Lower	Upper
149	100		
167	27.7	23.4	35.0
279	5.7	4.3	6.5

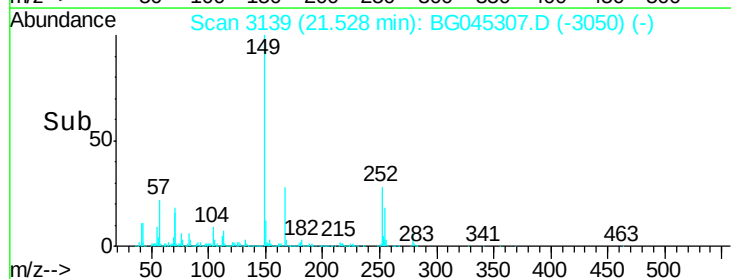
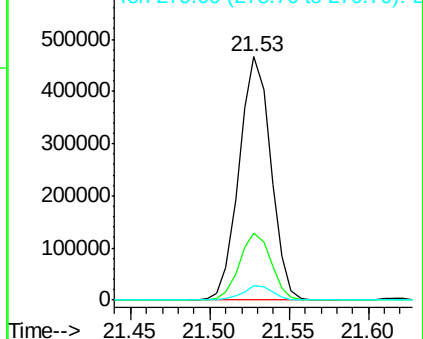


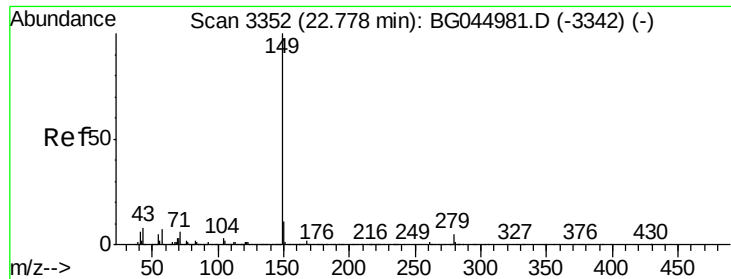
Abundance

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: 38.489 ng

RT: 22.72 min Scan# 3342

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

Instrument :

BNA_G

ClientSampleId :

PB128734BS

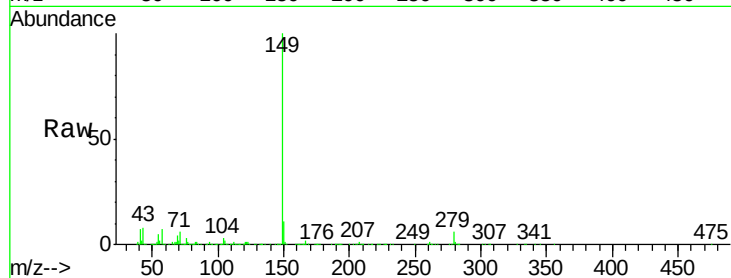
Tot Ion:149 Resp: 1113741

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

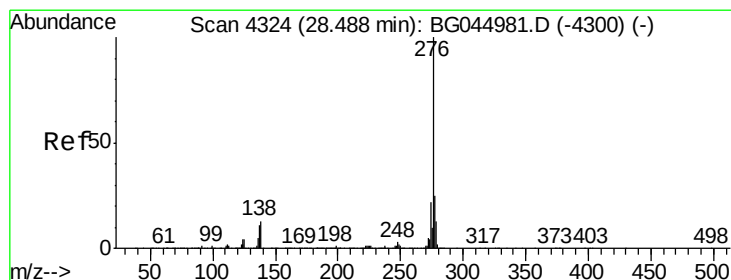
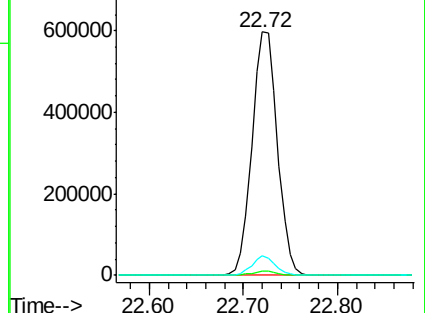
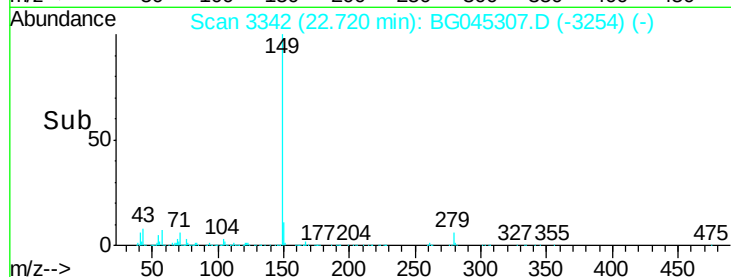
43 7.1 5.7 8.5



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: 38.853 ng

RT: 28.39 min Scan# 4307

Delta R.T. -0.02 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

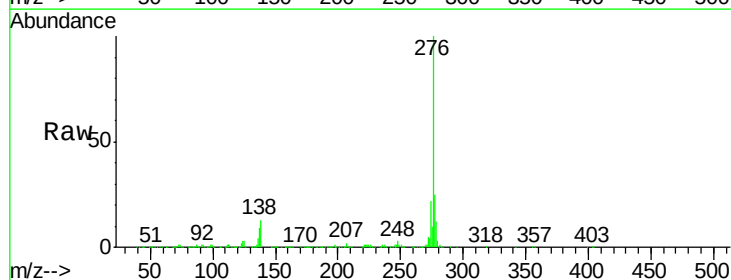
Tgt Ion:276 Resp: 1367716

Ion Ratio Lower Upper

276 100

138 11.4 9.6 14.4

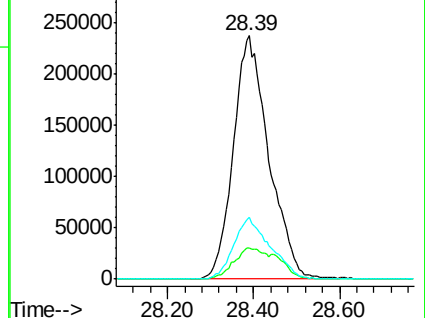
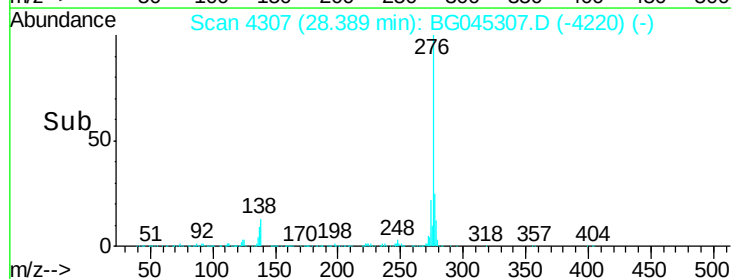
277 26.0 20.6 31.0

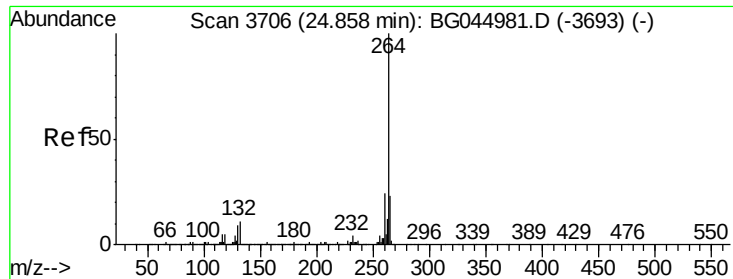


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



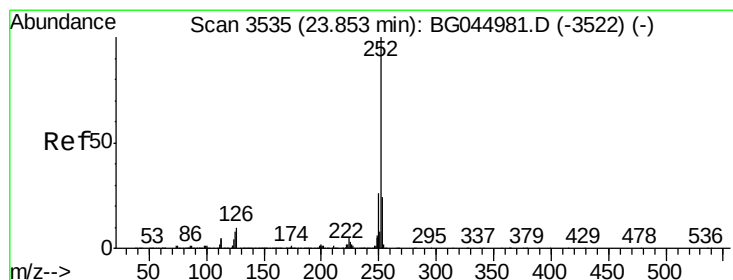
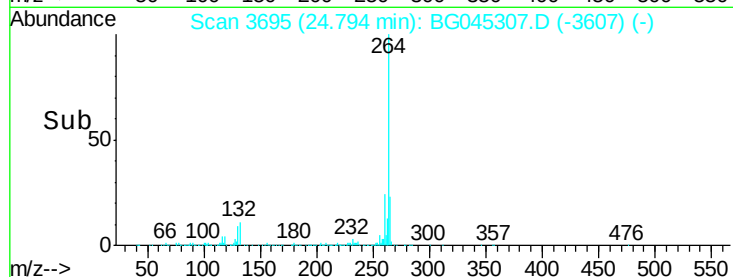
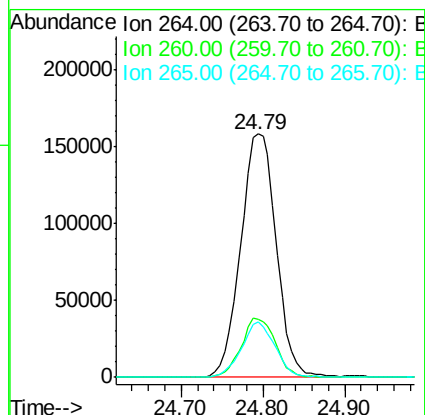
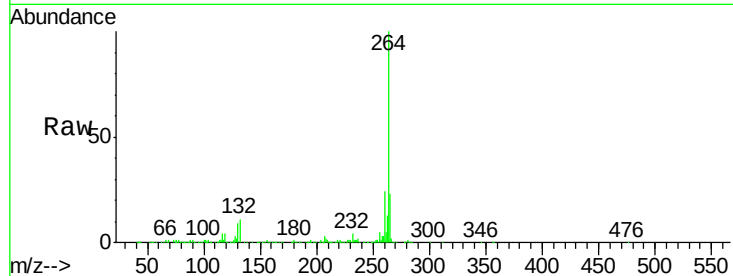


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.79 min Scan# 3695
Delta R.T. -0.01 min
Lab File: BG045307.D
Acq: 11 May 2020 22:04

Instrument :
BNA_G
ClientSampleId :
PB128734BS

Tot Ion:264 Resp: 478382

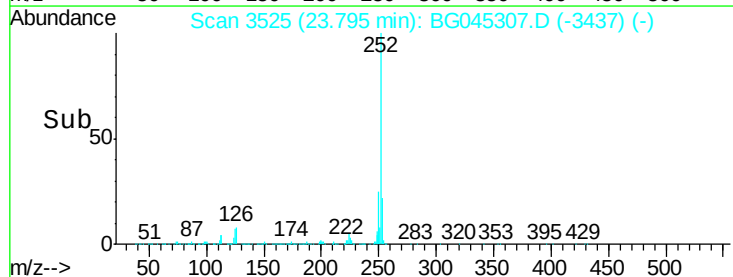
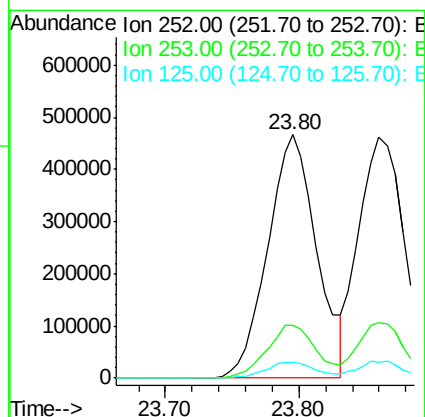
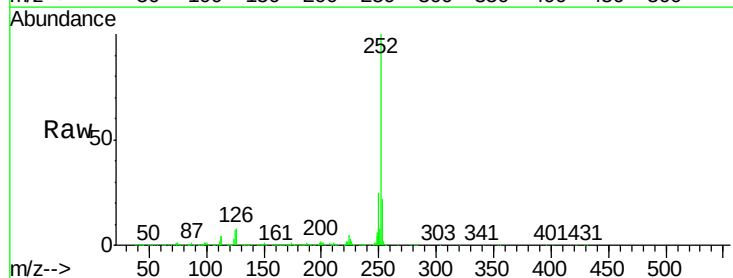
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.6	19.0	28.4

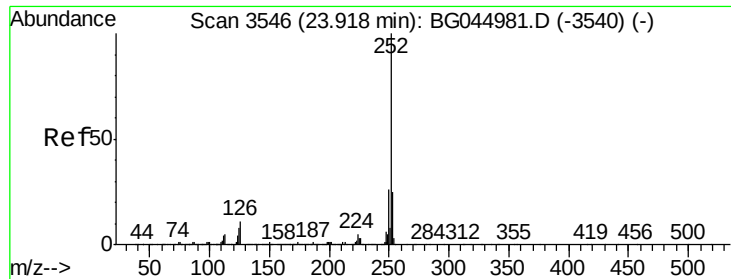


#88
Benzo(b)fluoranthene
Concen: 39.565 ng
RT: 23.80 min Scan# 3525
Delta R.T. -0.01 min
Lab File: BG045307.D
Acq: 11 May 2020 22:04

Tgt Ion:252 Resp: 1185581

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.8	28.2
125	6.7	6.2	9.4





#89

Benzo(k)fluoranthene

Concen: 38.453 ng

RT: 23.86 min Scan# 3536

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

Instrument :

BNA_G

ClientSampleId :

PB128734BS

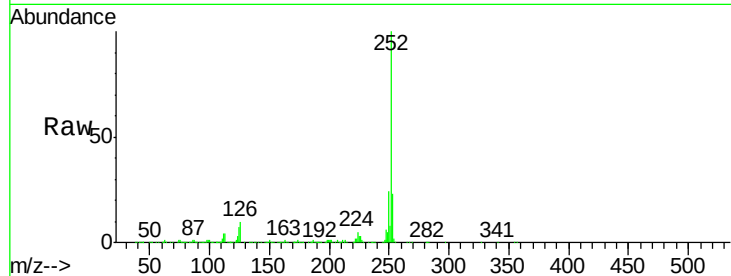
Tot Ion:252 Resp: 1095818

Ion Ratio Lower Upper

252 100

253 23.2 19.2 28.8

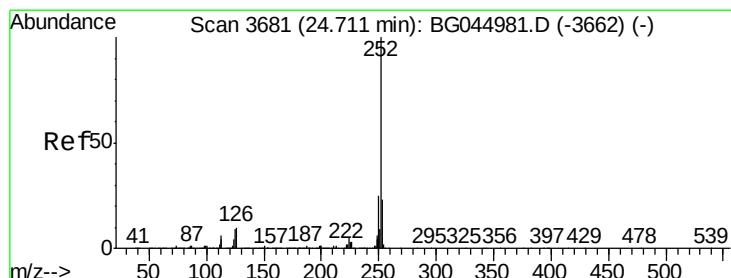
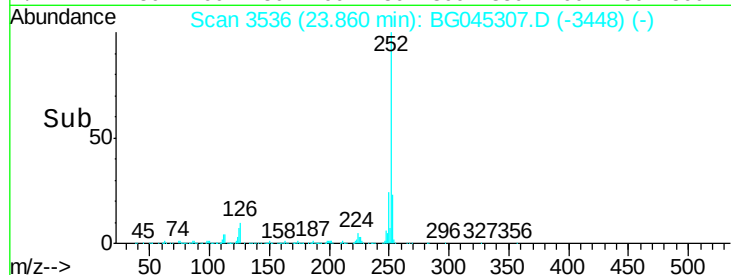
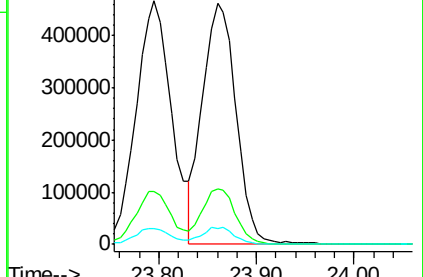
125 6.7 5.9 8.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 37.927 ng

RT: 24.65 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

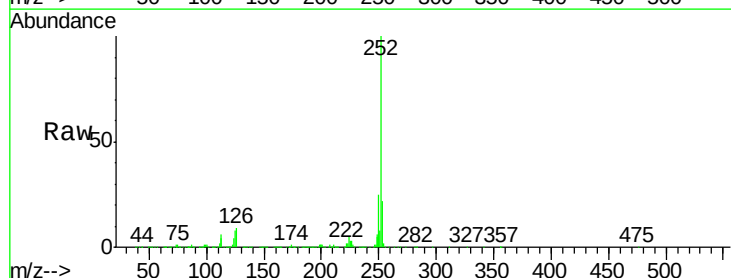
Tgt Ion:252 Resp: 1073043

Ion Ratio Lower Upper

252 100

253 22.2 18.3 27.5

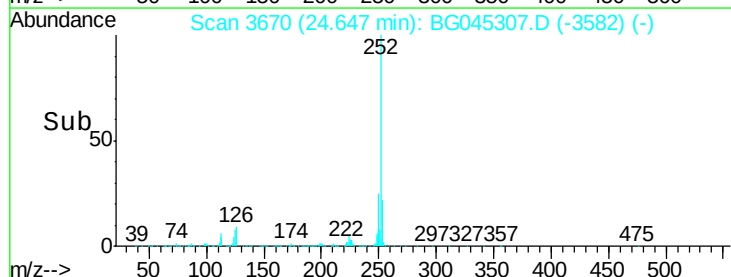
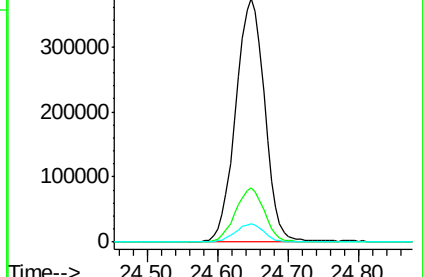
125 7.6 7.0 10.6

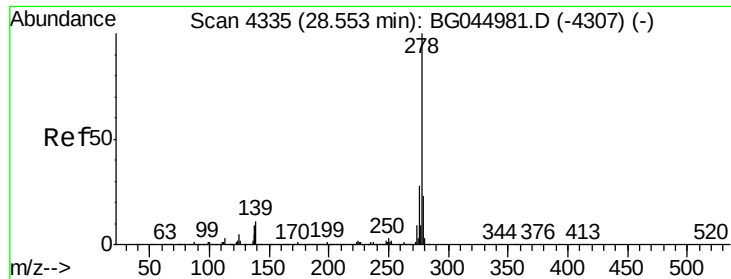


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.411 ng

RT: 28.45 min Scan# 4318

Delta R.T. -0.01 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

Instrument :

BNA_G

ClientSampleId :

PB128734BS

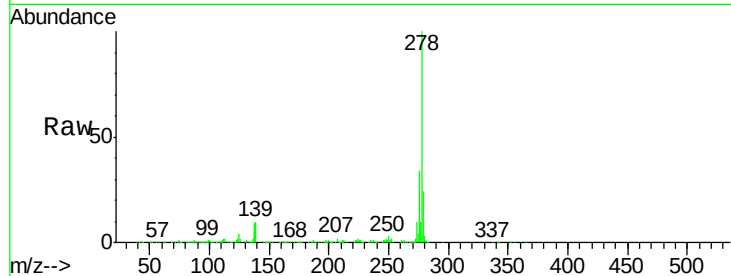
Tot Ion:278 Resp: 1123536

Ion Ratio Lower Upper

278 100

139 10.1 9.0 13.6

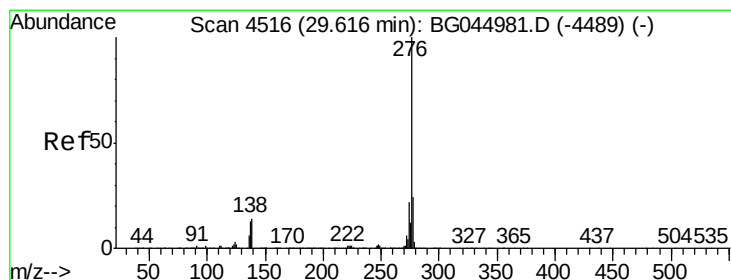
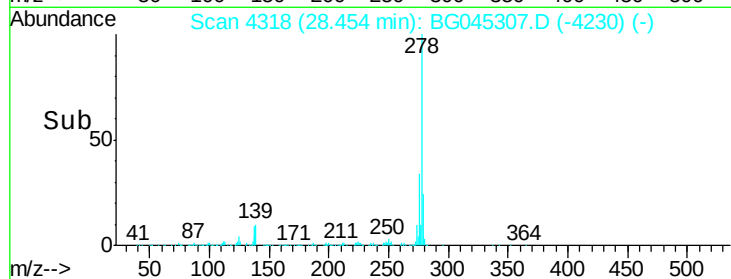
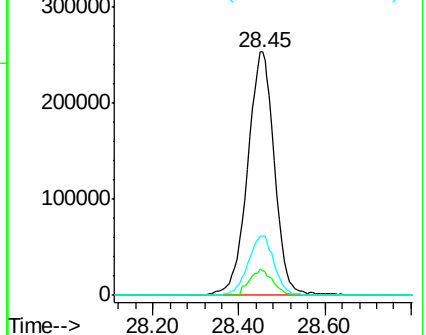
279 24.4 18.4 27.6



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: 40.012 ng

RT: 29.51 min Scan# 4498

Delta R.T. -0.02 min

Lab File: BG045307.D

Acq: 11 May 2020 22:04

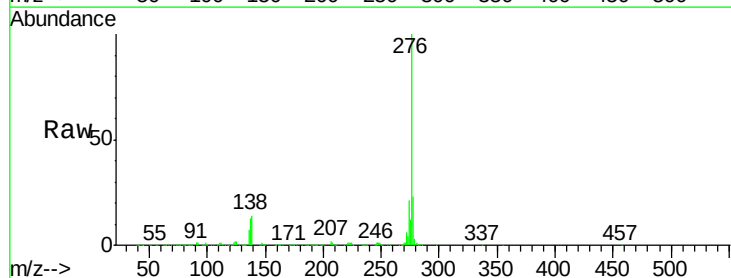
Tgt Ion:276 Resp: 1143597

Ion Ratio Lower Upper

276 100

277 23.3 19.3 28.9

138 13.8 11.4 17.2



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

