

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042920\
 Data File : BG045210.D
 Acq On : 29 Apr 2020 18:19
 Operator : CG/JU
 Sample : PB128554BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128554BS

Quant Time: Apr 29 19:02:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 29 12:24:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	55754	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	237035	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	180747	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	451141	20.00	ng	0.00
76) Chrysene-d12	21.65	240	420774	20.00	ng	0.00
87) Perylene-d12	24.81	264	475814	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	468286	138.67	ng	0.00
7) Phenol-d6	7.16	99	667940	133.12	ng	0.00
23) Nitrobenzene-d5	9.15	82	421261	81.09	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	364633	130.58	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1039533	84.33	ng	0.00
79) Terphenyl-d14	19.99	244	1840670	95.34	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.44	88	60984	40.634 ng	98
3) Pyridine	3.84	79	159560	34.529 ng	99
4) n-Nitrosodimethylamine	3.75	42	65079	45.973 ng	93
6) Aniline	7.31	93	198162	30.376 ng	99
8) 2-Chlorophenol	7.55	128	179106	49.348 ng	98
9) Benzaldehyde	7.12	77	79574	24.560 ng	93
10) Phenol	7.18	94	239784	47.757 ng	96
11) bis(2-Chloroethyl)ether	7.41	93	161019	40.279 ng	99
12) 1,3-Dichlorobenzene	7.88	146	186703	43.654 ng	98
13) 1,4-Dichlorobenzene	8.02	146	187995	44.114 ng	97
14) 1,2-Dichlorobenzene	8.35	146	177360	43.502 ng	95
15) Benzyl Alcohol	8.23	79	177932	42.297 ng	95
16) 2,2'-oxybis(1-Chloropropan	8.52	45	150868	38.447 ng	94
17) 2-Methylphenol	8.44	107	164773	42.534 ng	96
18) Hexachloroethane	9.08	117	71875	44.864 ng	98
19) n-Nitroso-di-n-propylamine	8.79	70	145194	40.918 ng	98
20) 3+4-Methylphenols	8.76	107	223705	41.256 ng	99
22) Acetophenone	8.81	105	270616	42.218 ng	99
24) Nitrobenzene	9.19	77	228249	42.864 ng	94
25) Isophorone	9.72	82	418690	39.357 ng	99
26) 2-Nitrophenol	9.91	139	102661	44.758 ng	99
27) 2,4-Dimethylphenol	9.97	122	164448	45.185 ng	97
28) bis(2-Chloroethoxy)methane	10.20	93	231546	41.425 ng	98
29) 2,4-Dichlorophenol	10.45	162	191346	45.533 ng	96
30) 1,2,4-Trichlorobenzene	10.66	180	208300	43.779 ng	97
31) Naphthalene	10.85	128	556599	42.924 ng	98
32) Benzoic acid	10.12	122	105629	37.530 ng	94
33) 4-Chloroaniline	10.96	127	97678	16.152 ng	97
34) Hexachlorobutadiene	11.14	225	139393	42.730 ng	99
35) Caprolactam	11.72	113	42952	25.681 ng	94
36) 4-Chloro-3-methylphenol	12.08	107	228726	46.331 ng	98
37) 2-Methylnaphthalene	12.46	142	438201	43.538 ng	97
38) 1-Methylnaphthalene	12.68	142	418521	44.048 ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	240115	41.260 ng	98

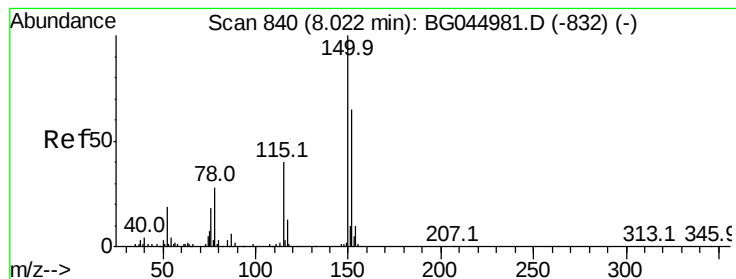
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042920\
 Data File : BG045210.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	332670	91.460	ng	97
43) 2,4,6-Trichlorophenol	13.06	196	178737	43.518	ng	94
44) 2,4,5-Trichlorophenol	13.14	196	194076	41.512	ng	98
46) 1,1'-Biphenyl	13.46	154	567704	41.324	ng	99
47) 2-Chloronaphthalene	13.50	162	434678	41.409	ng	98
48) 2-Nitroaniline	13.70	65	145022	41.989	ng	98
49) Acenaphthylene	14.35	152	736195	43.056	ng	99
50) Dimethylphthalate	14.09	163	618961	42.057	ng	98
51) 2,6-Dinitrotoluene	14.20	165	142242	43.211	ng	99
52) Acenaphthene	14.70	154	454070	39.250	ng	99
53) 3-Nitroaniline	14.53	138	88969	24.643	ng	97
54) 2,4-Dinitrophenol	14.74	184	177681	90.773	ng	92
55) Dibenzofuran	15.03	168	735268	43.594	ng	98
56) 4-Nitrophenol	14.85	139	224013	80.024	ng	94
57) 2,4-Dinitrotoluene	14.99	165	199991	41.572	ng	# 97
58) Fluorene	15.68	166	614272	44.588	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	195321	46.954	ng	98
60) Diethylphthalate	15.46	149	643068	41.910	ng	98
61) 4-Chlorophenyl-phenylether	15.67	204	337212	42.525	ng	99
62) 4-Nitroaniline	15.70	138	141096	37.679	ng	96
63) Azobenzene	15.97	77	615558	43.512	ng	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	131712	44.417	ng	93
66) n-Nitrosodiphenylamine	15.88	169	549347	42.381	ng	98
67) 4-Bromophenyl-phenylether	16.57	248	241139	41.432	ng	98
68) Hexachlorobenzene	16.69	284	257613	42.679	ng	96
69) Atrazine	16.84	200	229272	48.910	ng	99
70) Pentachlorophenol	17.04	266	317445	85.728	ng	99
71) Phenanthrene	17.42	178	1000920	43.175	ng	99
72) Anthracene	17.51	178	1026984	44.162	ng	99
73) Carbazole	17.78	167	945735	40.075	ng	99
74) Di-n-butylphthalate	18.35	149	1132561	43.945	ng	99
75) Fluoranthene	19.43	202	1258817	46.387	ng	97
77) Benzidine	19.61	184	602028	50.069	ng	97
78) Pyrene	19.79	202	1236046	42.610	ng	99
80) Butylbenzylphthalate	20.68	149	500332	41.610	ng	99
81) Benzo(a)anthracene	21.62	228	1184284	43.425	ng	97
82) 3,3'-Dichlorobenzidine	21.54	252	301124	27.741	ng	97
83) Chrysene	21.69	228	1147728	43.801	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	706145	42.699	ng	99
85) Di-n-octyl phthalate	22.74	149	1230000	43.010	ng	100
86) Indeno(1,2,3-cd)pyrene	28.43	276	1540317	44.275	ng	99
88) Benzo(b)fluoranthene	23.81	252	1322593	44.375	ng	99
89) Benzo(k)fluoranthene	23.88	252	1240823	43.777	ng	98
90) Benzo(a)pyrene	24.67	252	1194974	42.465	ng	98
91) Dibenzo(a,h)anthracene	28.49	278	1246429	43.957	ng	97
92) Benzo(g,h,i)perylene	29.54	276	1266646	44.556	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BG045210.D

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Instrument :

BNA_G

ClientSampleId :

PB128554BS

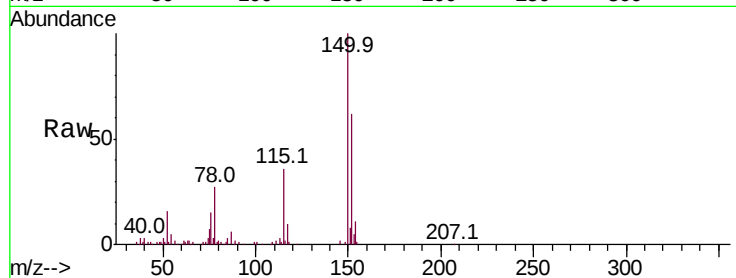
Tot Ion:152 Resp: 55754

Ion Ratio Lower Upper

152 100

150 160.6 123.6 185.4

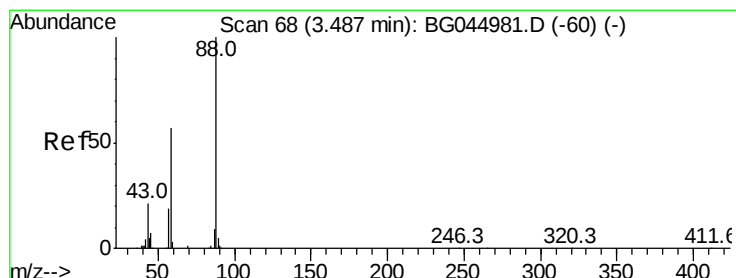
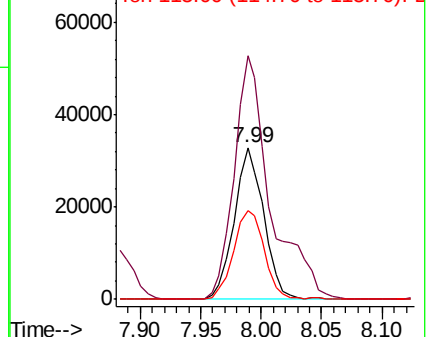
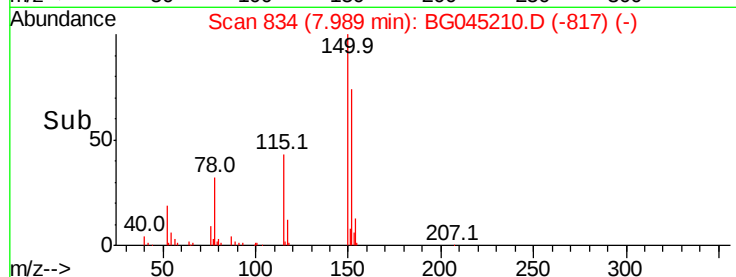
115 58.2 49.1 73.7



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



#2

1,4-Dioxane

Concen: 40.634 ng

RT: 3.44 min Scan# 60

Delta R.T. -0.01 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

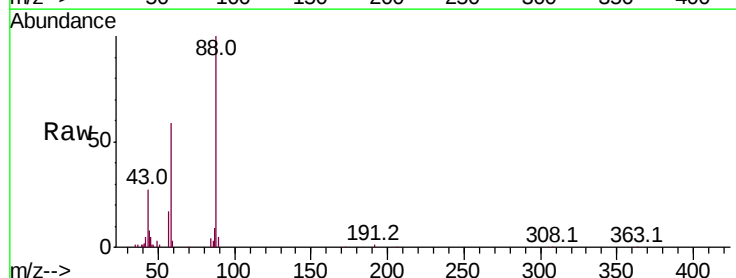
Tgt Ion: 88 Resp: 60984

Ion Ratio Lower Upper

88 100

58 56.4 46.6 69.8

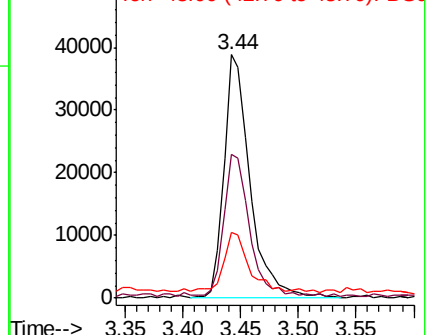
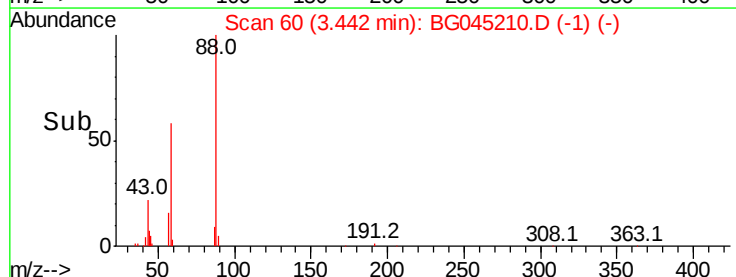
43 23.1 17.5 26.3

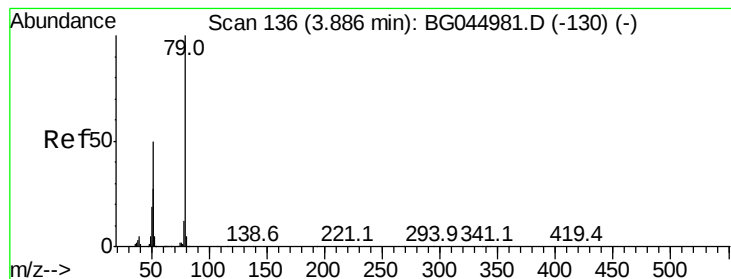


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.529 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.01 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

Instrument :

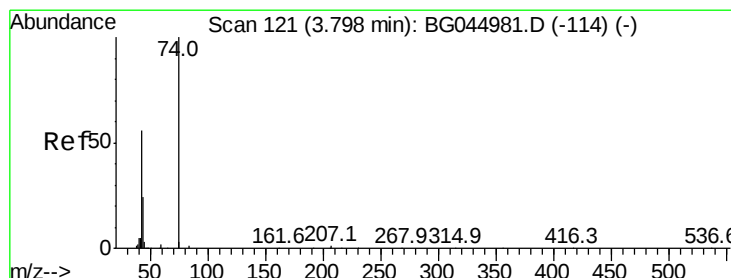
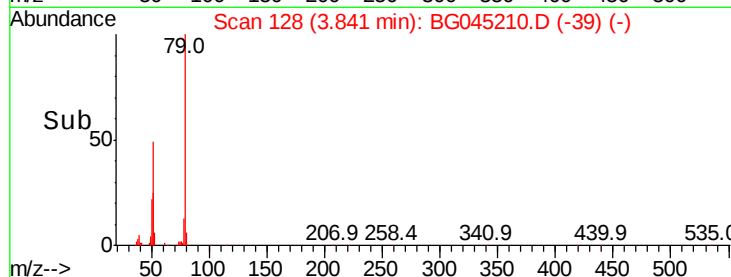
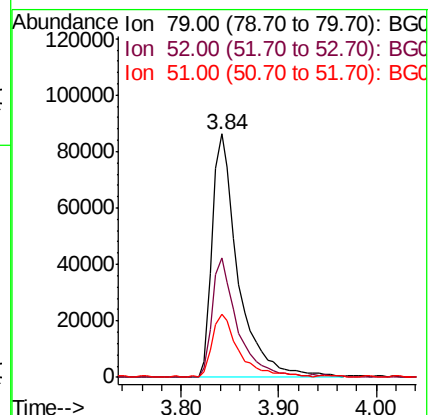
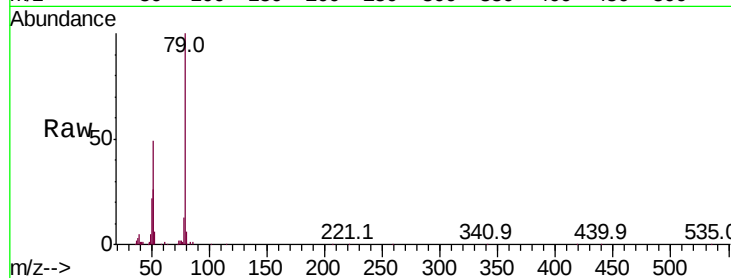
BNA_G

ClientSampleId :

PB128554BS

Tot Ion: 79 Resp: 159560

Ion	Ratio	Lower	Upper
79	100		
52	49.0	39.8	59.6
51	25.7	21.4	32.2



#4

n-Nitrosodimethylamine

Concen: 45.973 ng

RT: 3.75 min Scan# 113

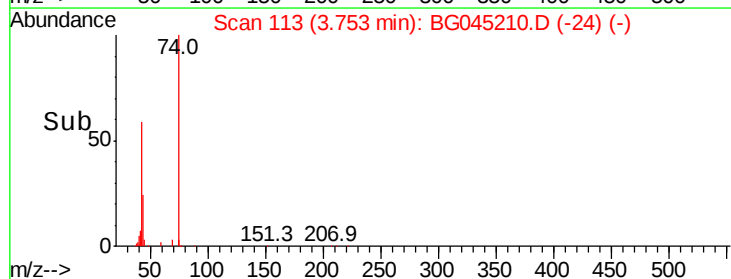
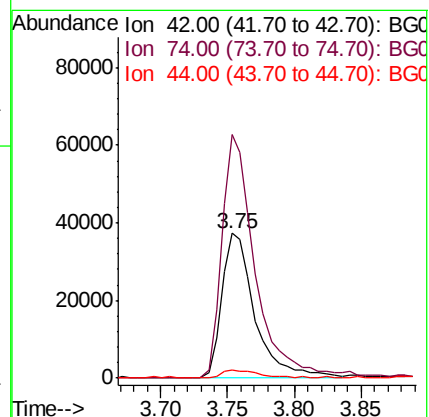
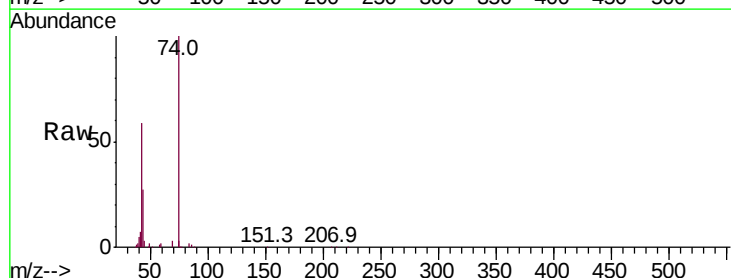
Delta R.T. -0.01 min

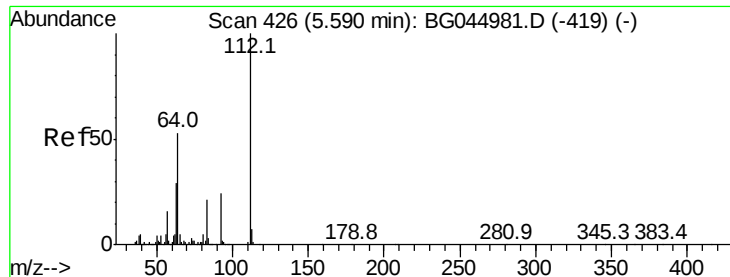
Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

Tgt Ion: 42 Resp: 65079

Ion	Ratio	Lower	Upper
42	100		
74	168.3	143.0	214.6
44	5.3	4.6	6.8





#5

2-Fluorophenol

Concen: 138.665 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.01 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

Instrument :

BNA_G

ClientSampleId :

PB128554BS

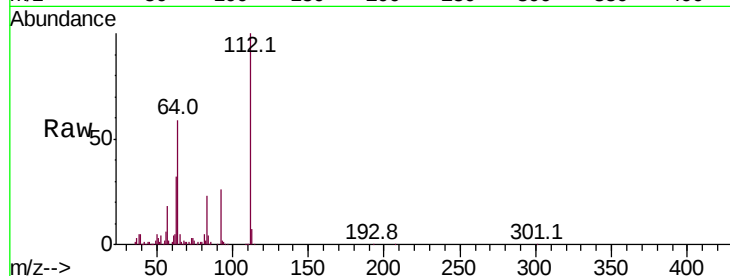
Tot Ion:112 Resp: 468286

Ion Ratio Lower Upper

112 100

64 58.6 42.4 63.6

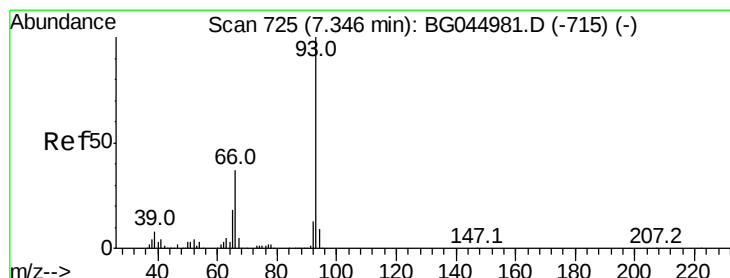
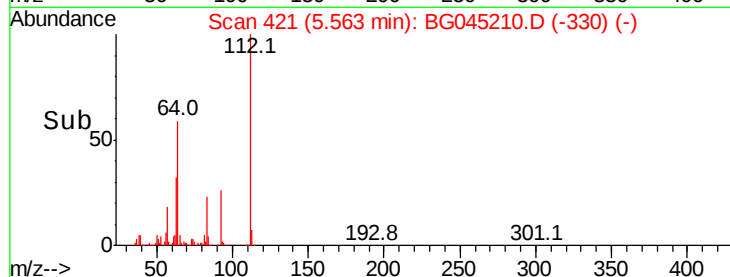
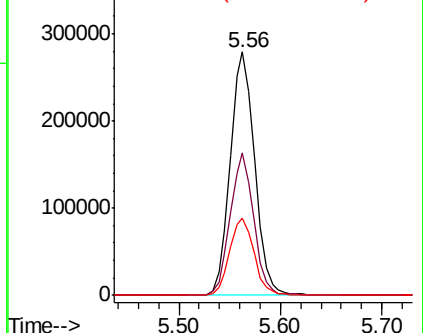
63 31.9 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.376 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

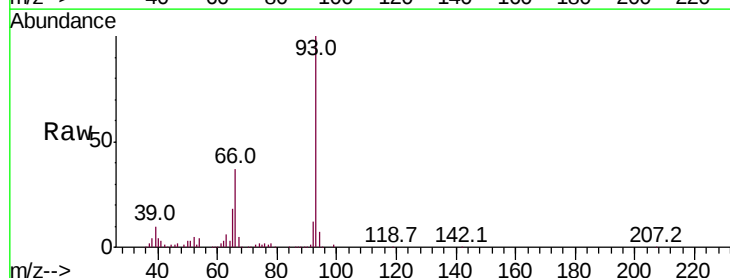
Tgt Ion: 93 Resp: 198162

Ion Ratio Lower Upper

93 100

66 36.9 29.8 44.8

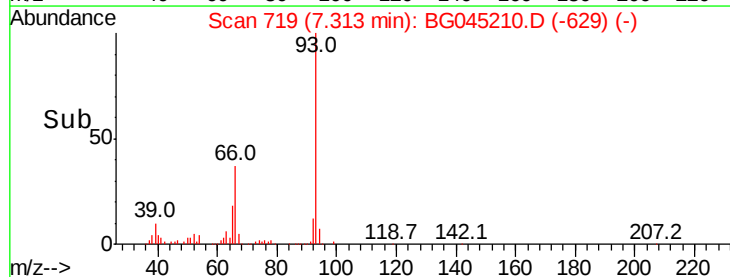
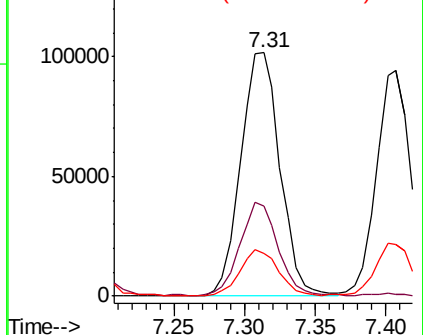
65 17.6 14.6 22.0



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: 133.122 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.01 min

Lab File: BG045210.D

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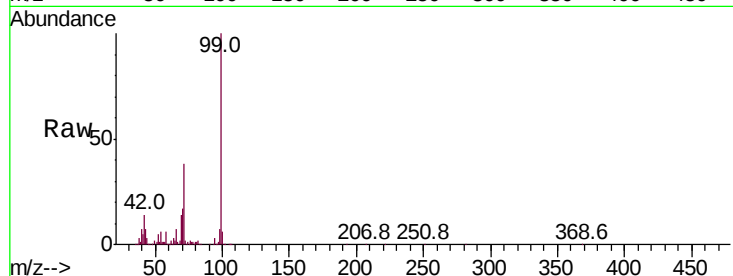
Tot Ion: 99 Resp: 667940

Ion Ratio Lower Upper

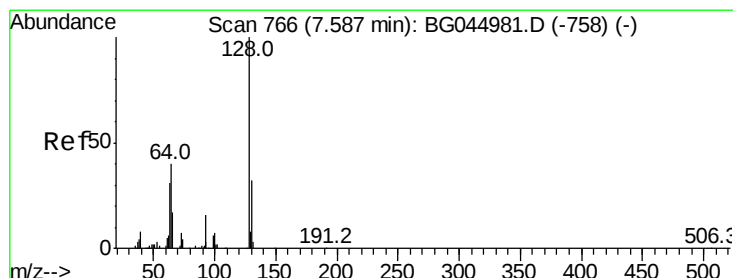
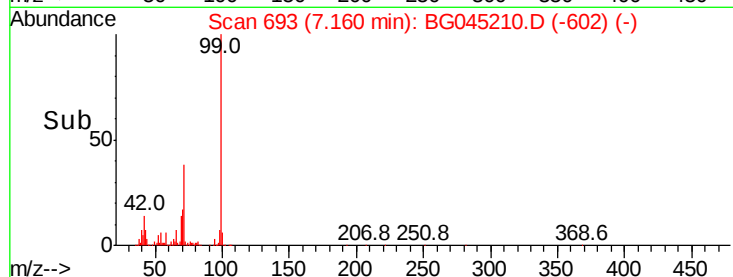
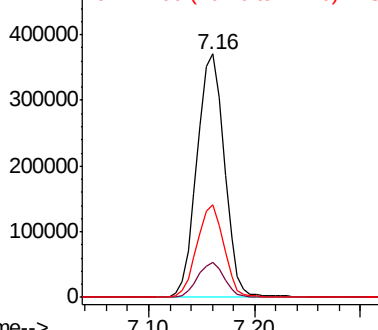
99 100

42 14.2 11.3 16.9

71 38.0 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: 49.348 ng

RT: 7.55 min Scan# 760

Delta R.T. -0.01 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

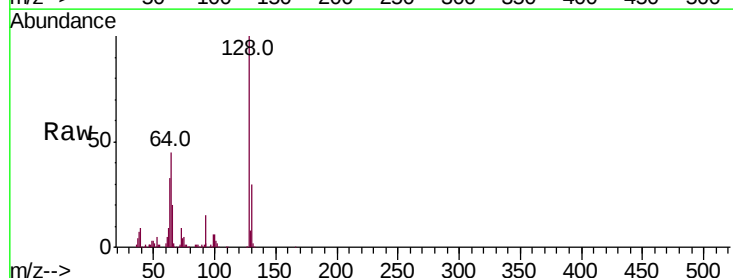
Tgt Ion:128 Resp: 179106

Ion Ratio Lower Upper

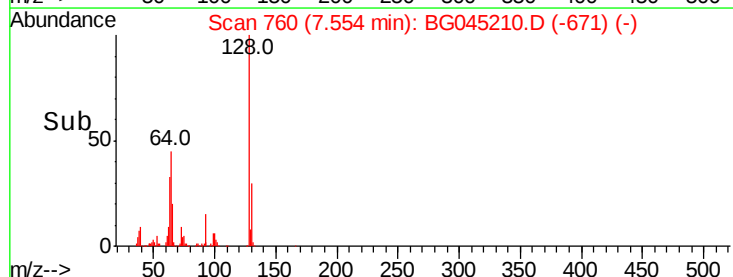
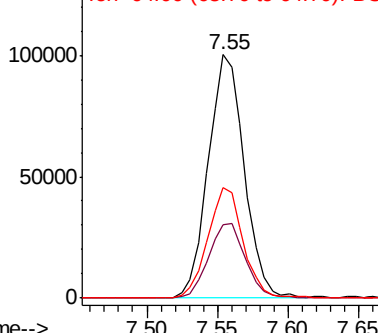
128 100

130 30.3 12.3 52.3

64 45.3 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: 24.560 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

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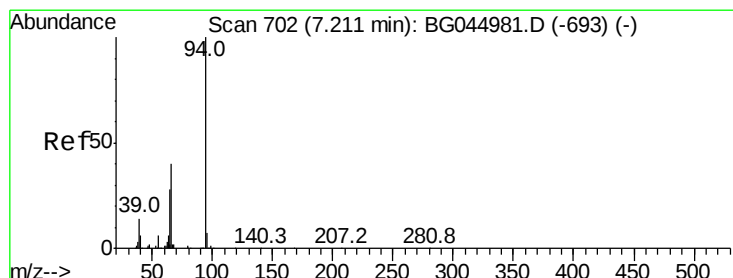
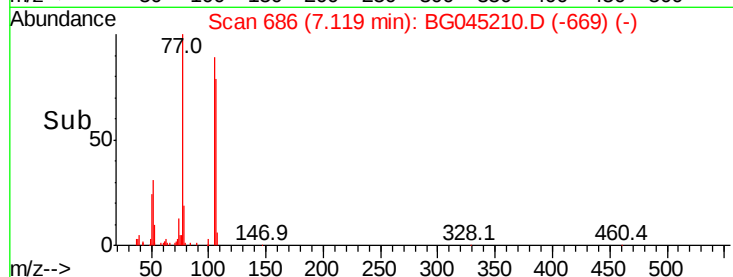
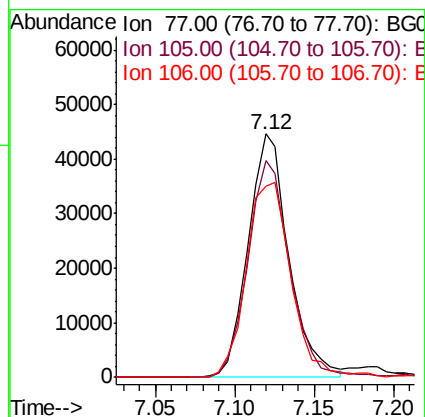
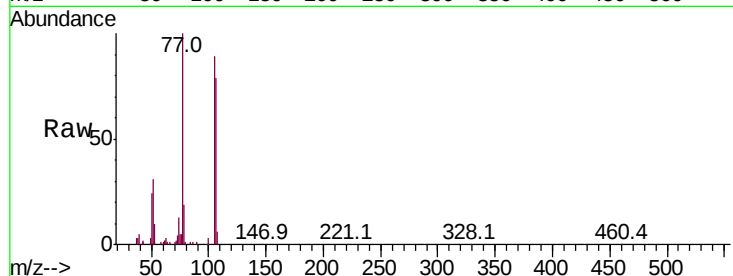
Tot Ion: 77 Resp: 79574

Ion Ratio Lower Upper

77 100

105 89.3 72.9 112.9

106 78.7 67.6 107.6



#10

Phenol

Concen: 47.757 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

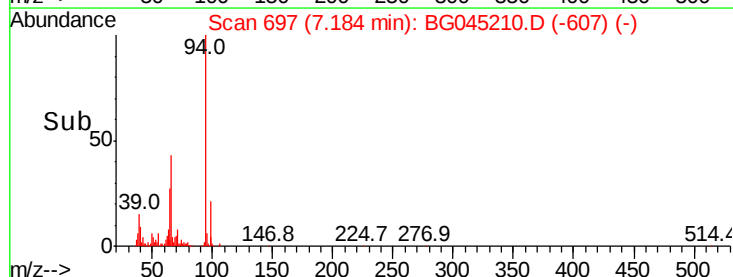
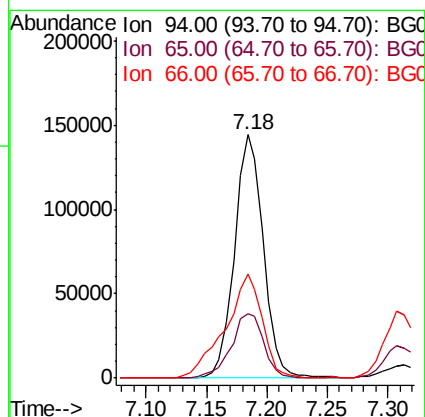
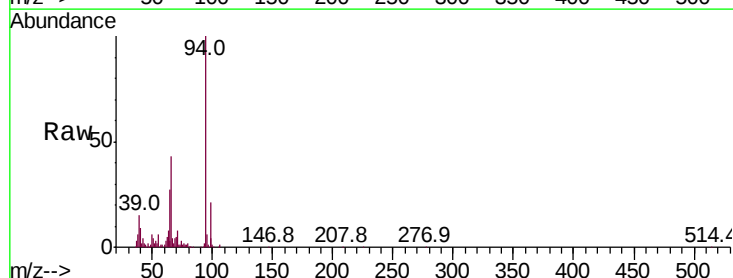
Tgt Ion: 94 Resp: 239784

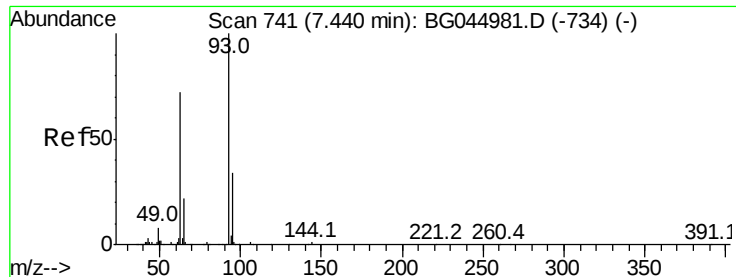
Ion Ratio Lower Upper

94 100

65 26.7 8.2 48.2

66 42.9 20.4 60.4

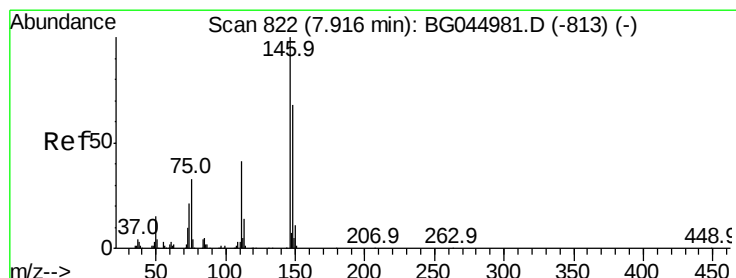
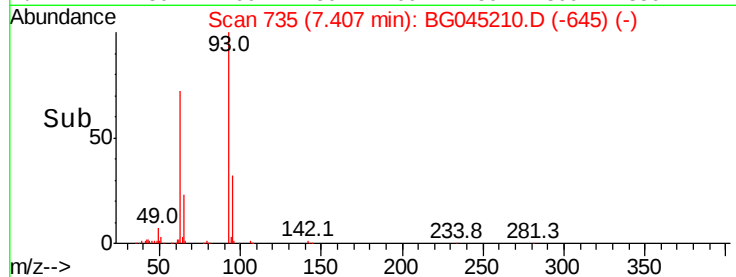
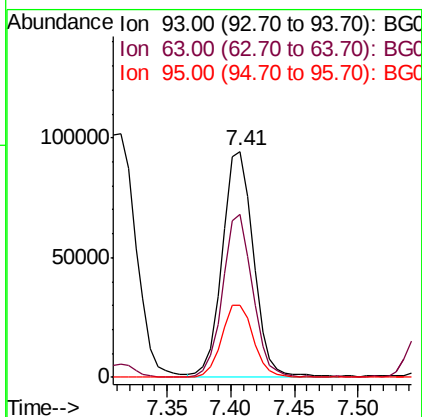
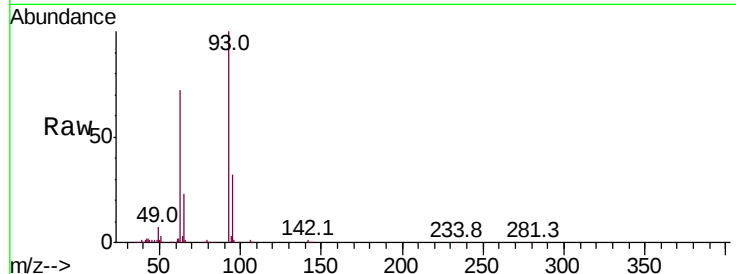




#11
 bis(2-Chloroethyl)ether
 Concen: 40.279 ng
 RT: 7.41 min Scan# 735
 Delta R.T. -0.00 min
 Lab File: BG045210.D
 Acq: 29 Apr 2020 18:19

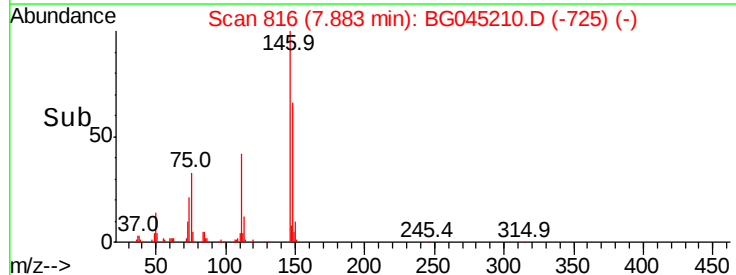
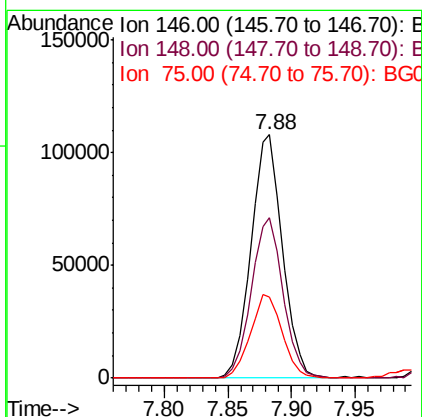
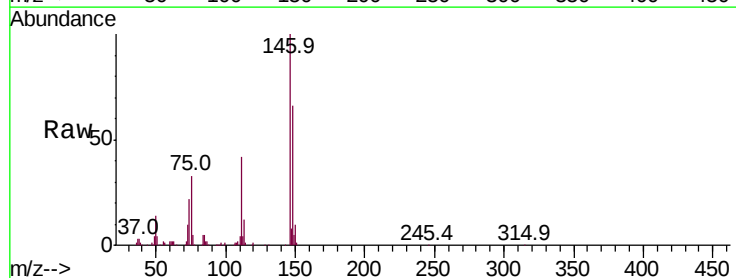
Instrument :
 BNA_G
 ClientSampleId :
 PB128554BS

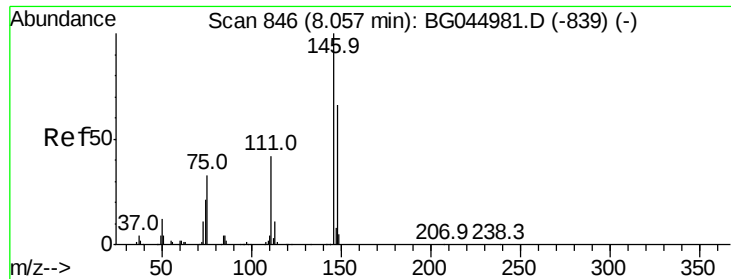
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.2	51.8	91.8
95	31.9	13.8	53.8



#12
 1,3-Dichlorobenzene
 Concen: 43.654 ng
 RT: 7.88 min Scan# 816
 Delta R.T. 0.01 min
 Lab File: BG045210.D
 Acq: 29 Apr 2020 18:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	54.6	81.8
75	33.0	26.0	39.0

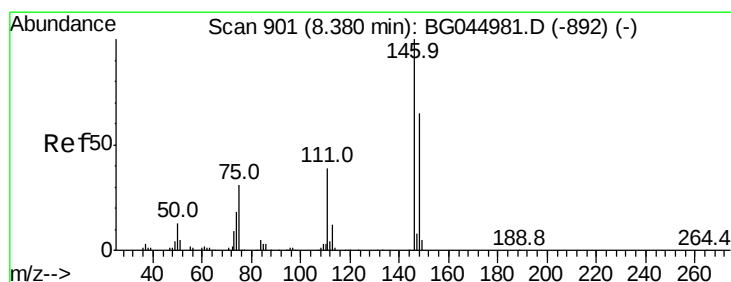
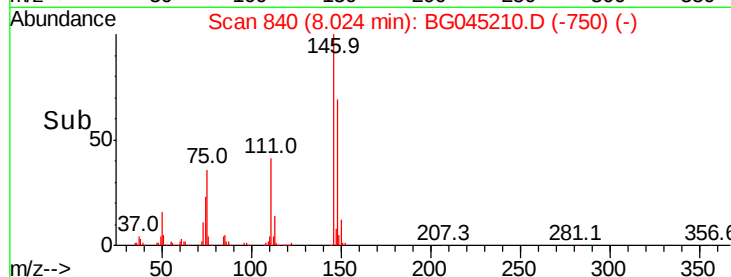
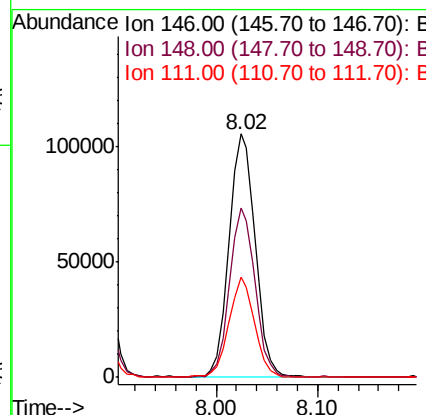
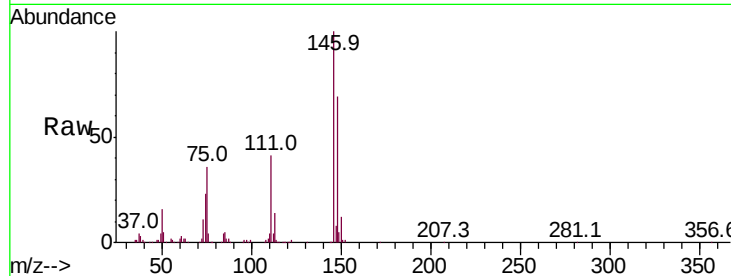




#13
 1,4-Dichlorobenzene
 Concen: 44.114 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG045210.D
 Acq: 29 Apr 2020 18:19

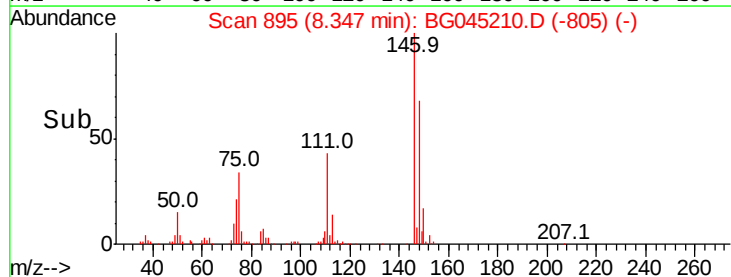
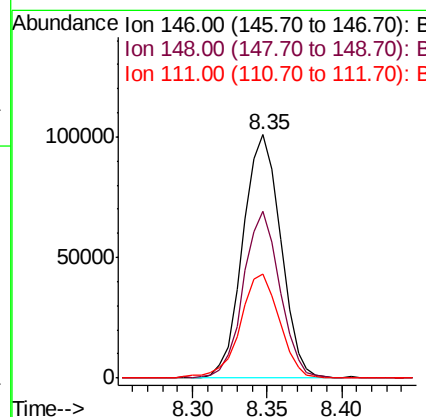
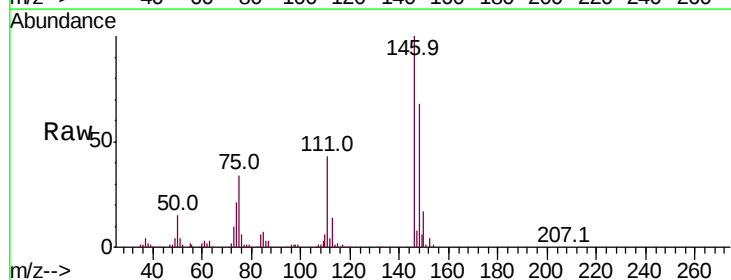
Instrument :
 BNA_G
 ClientSampleId :
 PB128554BS

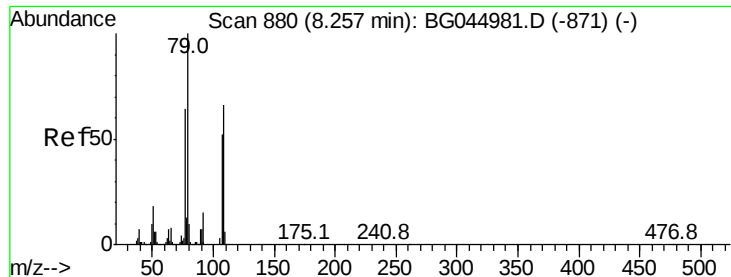
Tot Ion	Ratio	Lower	Upper
146	100		
148	69.4	53.3	79.9
111	41.4	33.8	50.8



#14
 1,2-Dichlorobenzene
 Concen: 43.502 ng
 RT: 8.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BG045210.D
 Acq: 29 Apr 2020 18:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.3	51.9	77.9
111	42.7	31.3	46.9





#15

Benzyl Alcohol

Concen: 42.297 ng

RT: 8.23 min Scan# 875

Delta R.T. 0.01 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

Instrument :

BNA_G

ClientSampleId :

PB128554BS

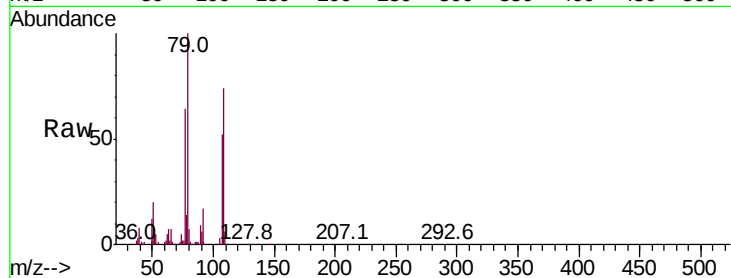
Tot Ion: 79 Resp: 177932

Ion Ratio Lower Upper

79 100

108 73.8 52.7 79.1

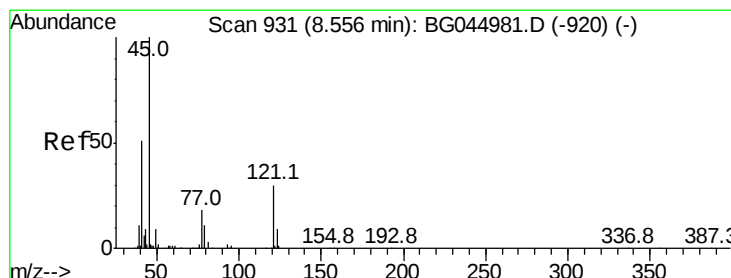
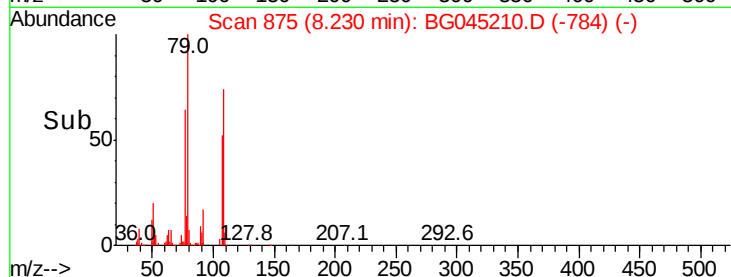
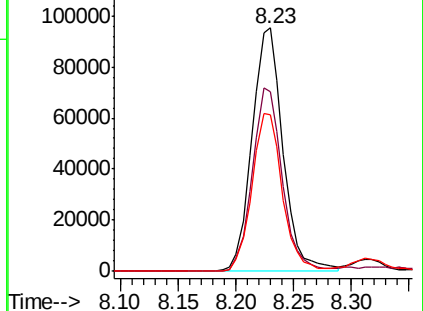
77 64.3 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.447 ng

RT: 8.52 min Scan# 925

Delta R.T. 0.01 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

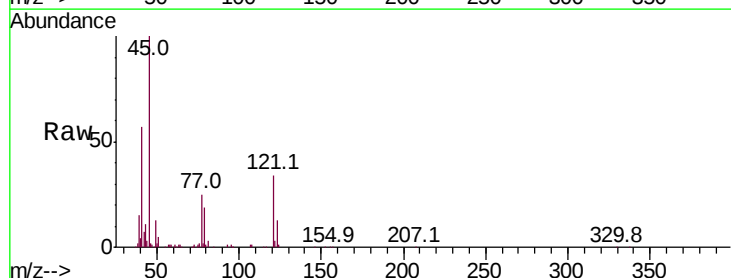
Tgt Ion: 45 Resp: 150868

Ion Ratio Lower Upper

45 100

77 24.6 1.9 41.9

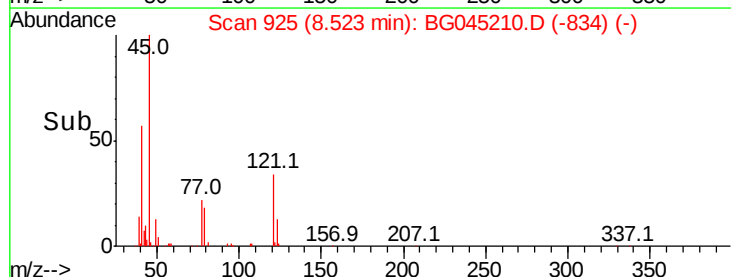
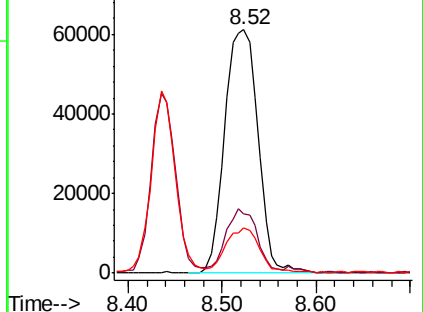
79 18.7 0.0 35.5

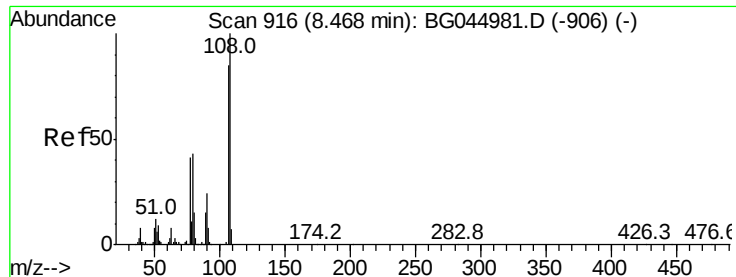


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 42.534 ng

RT: 8.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

Instrument :

BNA_G

ClientSampleId :

PB128554BS

Tot Ion:107 Resp: 164773

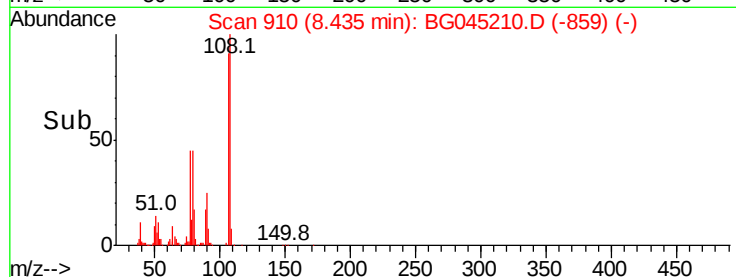
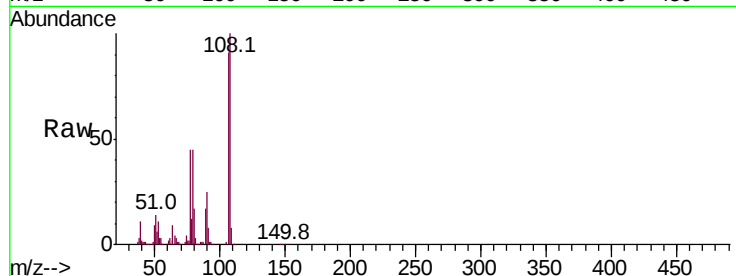
Ion Ratio Lower Upper

107 100

108 109.3 93.8 140.6

77 49.2 38.5 57.7

79 49.7 40.1 60.1



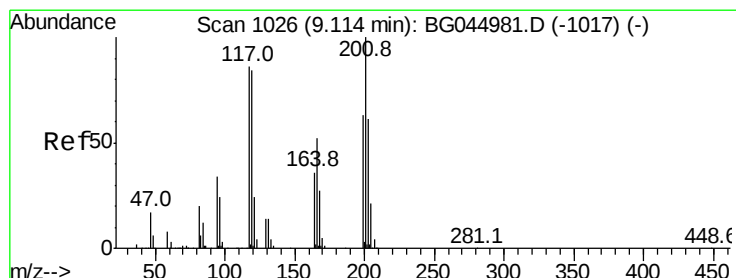
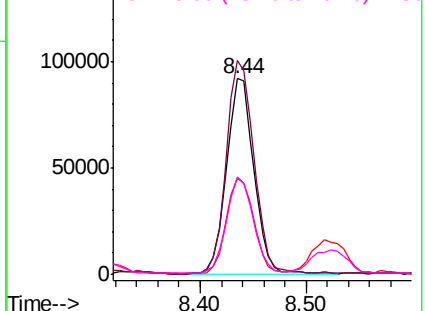
Abundance

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



#18

Hexachloroethane

Concen: 44.864 ng

RT: 9.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

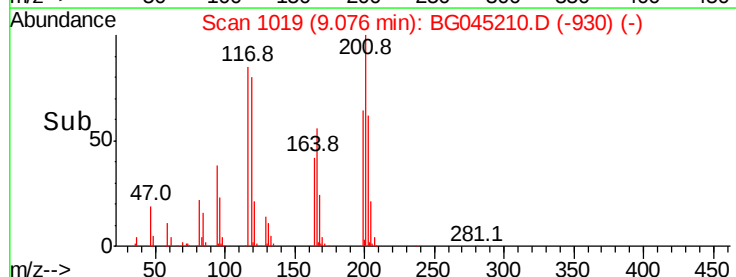
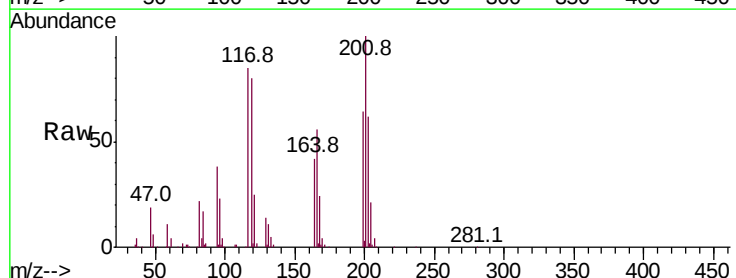
Tgt Ion:117 Resp: 71875

Ion Ratio Lower Upper

117 100

119 94.7 78.3 117.5

201 117.7 92.9 139.3

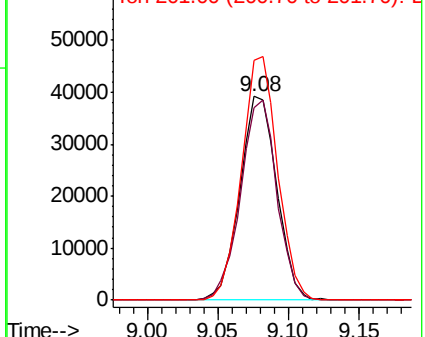


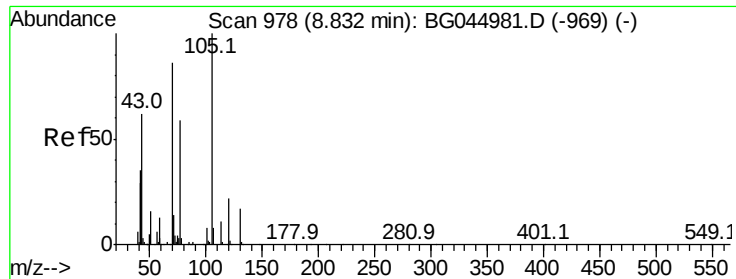
Abundance

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

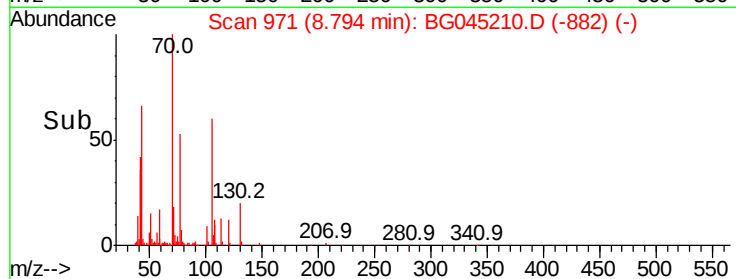
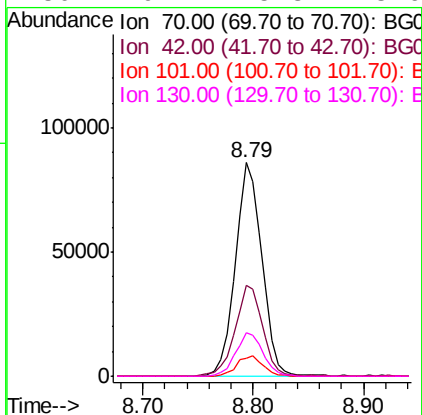
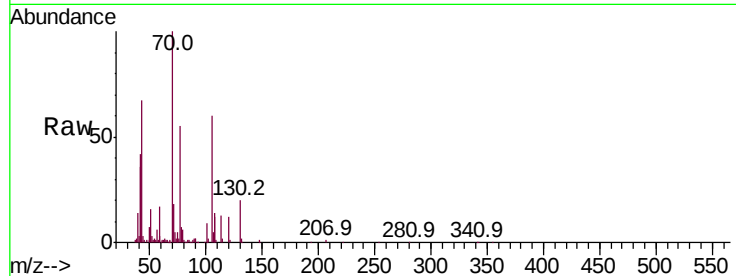




#19
n-Nitroso-di-n-propylamine
Concen: 40.918 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.01 min
Lab File: BG045210.D
Acq: 29 Apr 2020 18:19

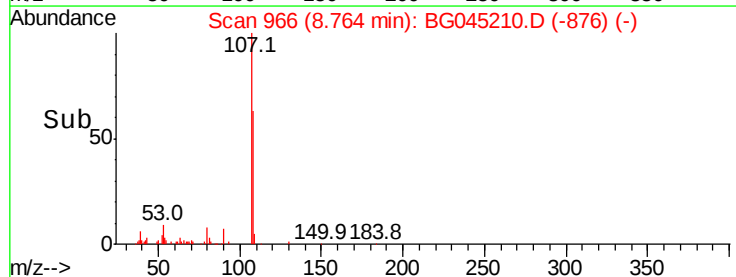
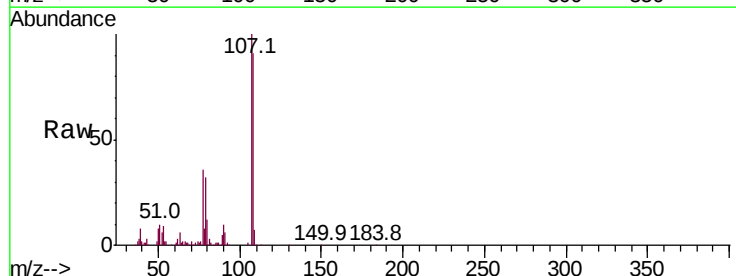
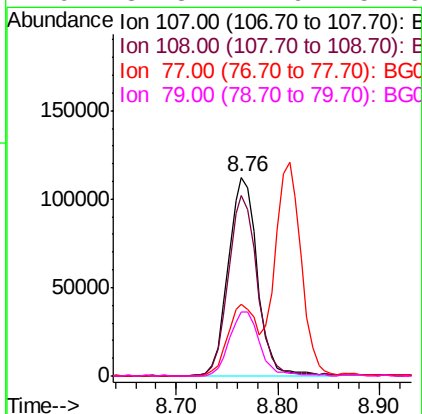
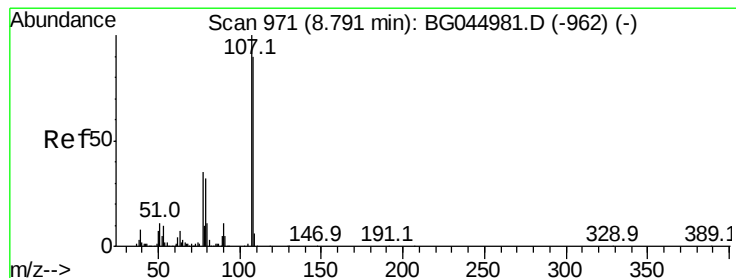
Instrument :
BNA_G
ClientSampleId :
PB128554BS

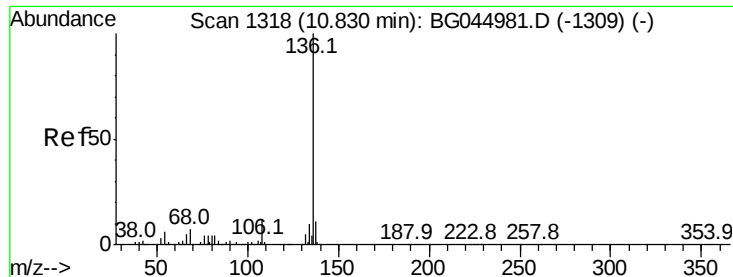
Tot Ion:	70	Resp:	145194
Ion	Ratio	Lower	Upper
70	100		
42	42.3	33.3	49.9
101	8.6	7.8	11.8
130	20.4	15.8	23.6



#20
3+4-Methylphenols
Concen: 41.256 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG045210.D
Acq: 29 Apr 2020 18:19

Tgt Ion:	107	Resp:	223705
Ion	Ratio	Lower	Upper
107	100		
108	90.7	69.9	109.9
77	36.0	15.2	55.2
79	32.3	11.6	51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

Instrument :

BNA_G

ClientSampleId :

PB128554BS

Tot Ion:136 Resp: 237035

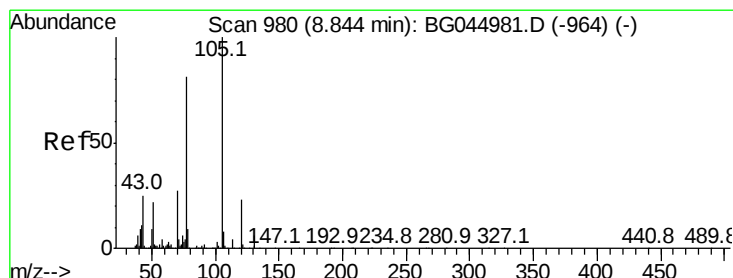
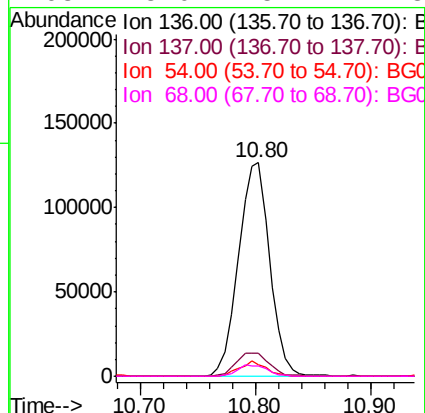
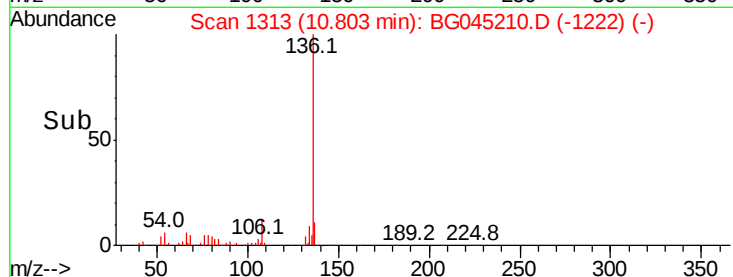
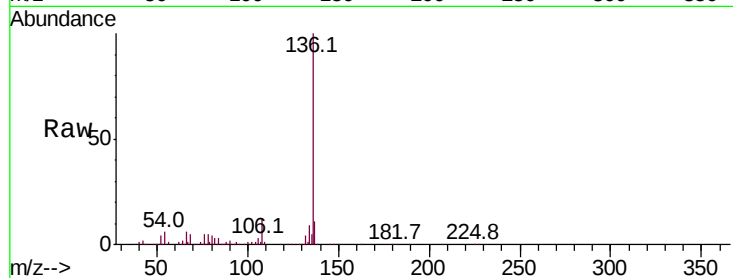
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 5.5 4.8 7.2

68 5.0 5.2 7.8#



#22

Acetophenone

Concen: 42.218 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.00 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

Tgt Ion:105 Resp: 270616

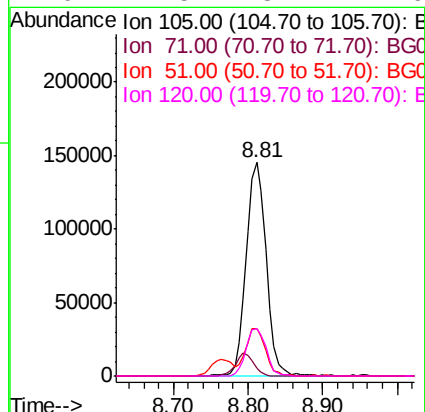
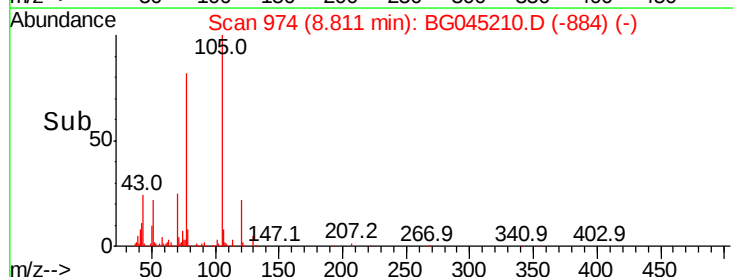
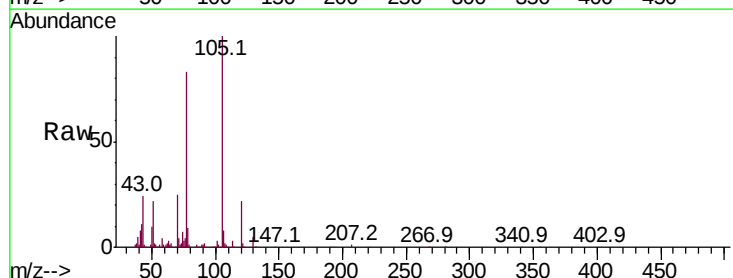
Ion Ratio Lower Upper

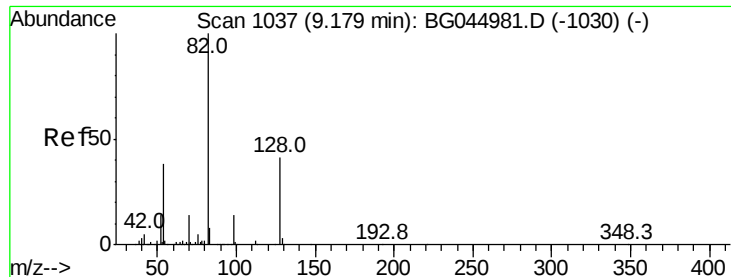
105 100

71 3.9 3.3 4.9

51 21.9 17.3 25.9

120 22.5 18.4 27.6

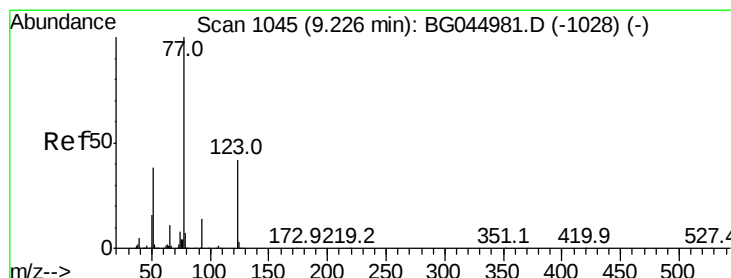
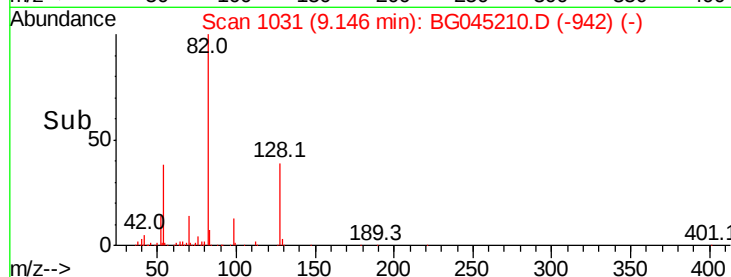
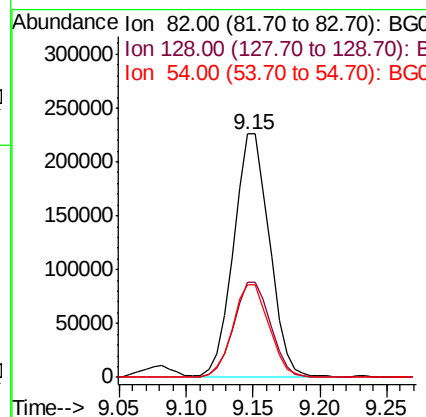
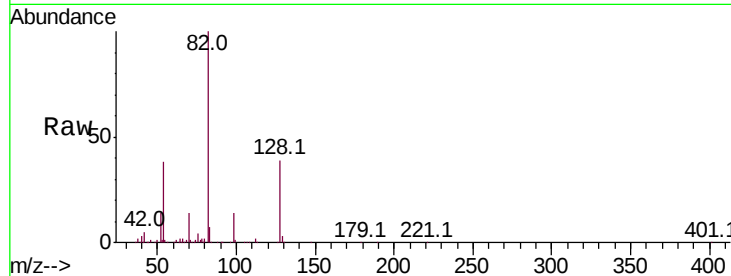




#23
Nitrobenzene-d5
Concen: 81.092 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BG045210.D
Acq: 29 Apr 2020 18:19

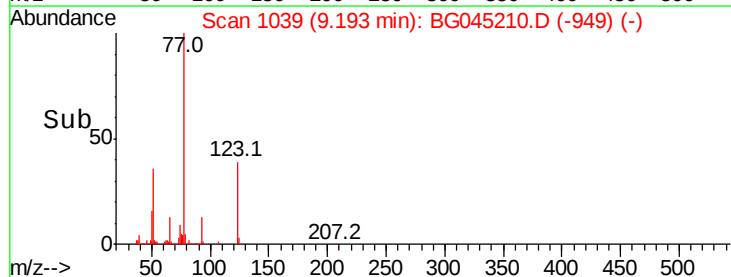
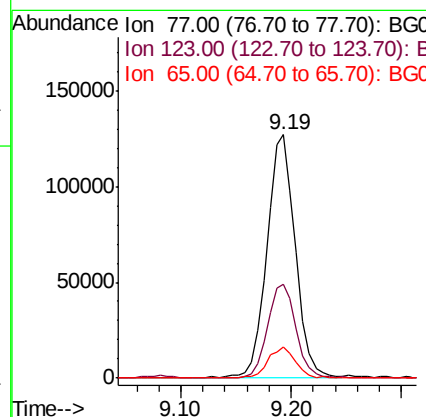
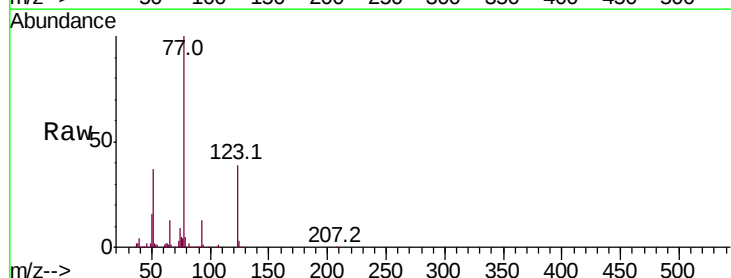
Instrument :
BNA_G
ClientSampleId :
PB128554BS

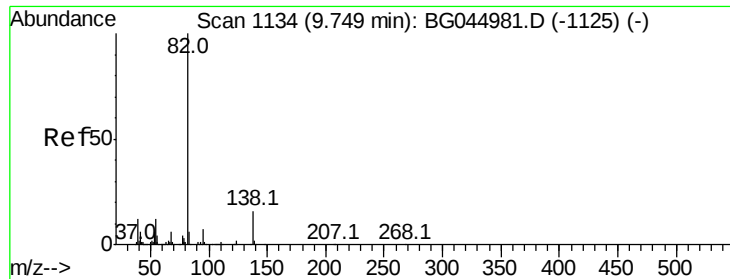
Tot Ion: 82 Resp: 421261
Ion Ratio Lower Upper
82 100
128 38.9 33.0 49.4
54 37.8 30.4 45.6



#24
Nitrobenzene
Concen: 42.864 ng
RT: 9.19 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BG045210.D
Acq: 29 Apr 2020 18:19

Tgt Ion: 77 Resp: 228249
Ion Ratio Lower Upper
77 100
123 38.7 34.3 51.5
65 12.6 8.9 13.3





#25

Isophorone

Concen: 39.357 ng

RT: 9.72 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

Instrument :

BNA_G

ClientSampleId :

PB128554BS

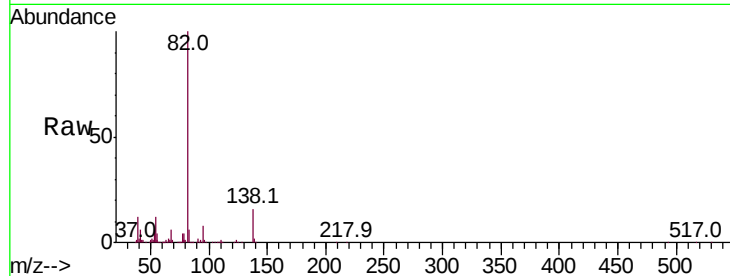
Tot Ion: 82 Resp: 418690

Ion Ratio Lower Upper

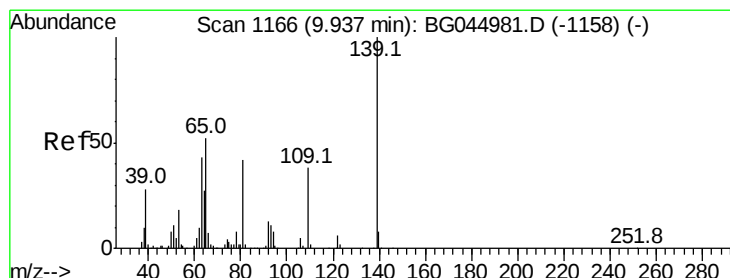
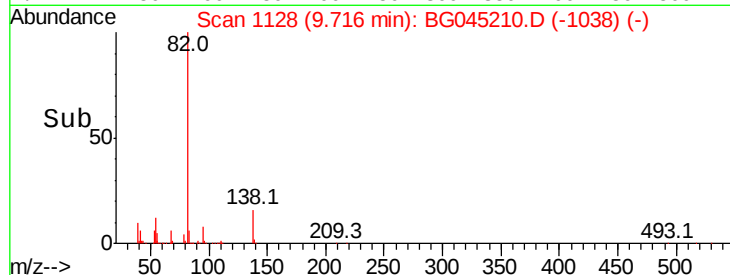
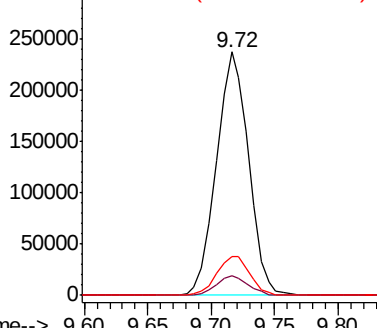
82 100

95 8.2 6.0 9.0

138 16.1 12.7 19.1



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



#26

2-Nitrophenol

Concen: 44.758 ng

RT: 9.91 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

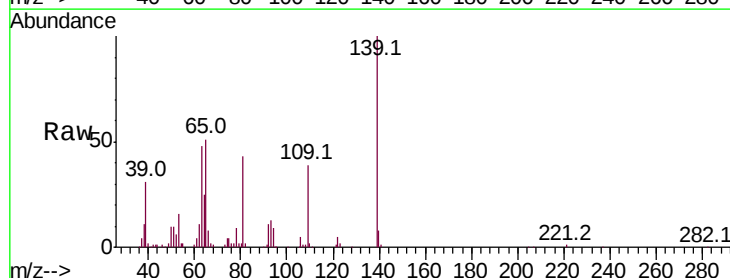
Tgt Ion: 139 Resp: 102661

Ion Ratio Lower Upper

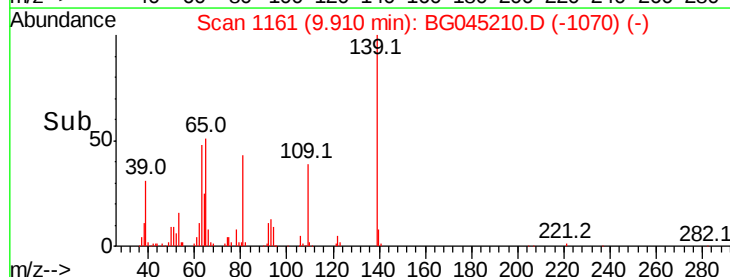
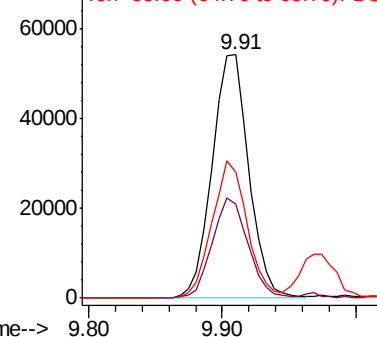
139 100

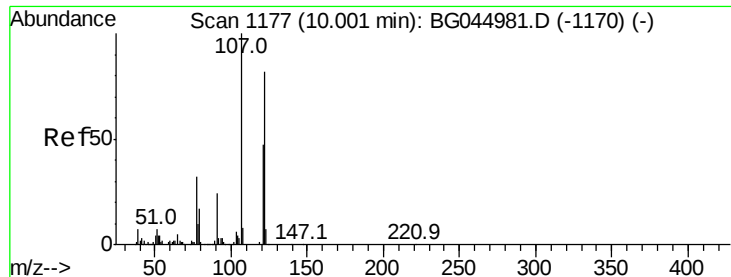
109 38.8 30.6 45.8

65 51.5 41.8 62.6



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

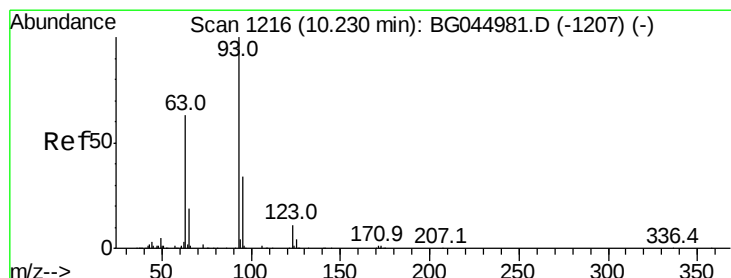
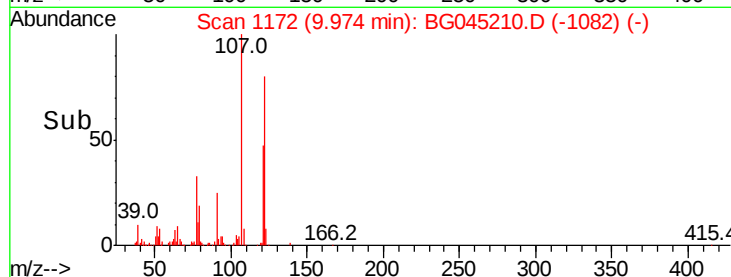
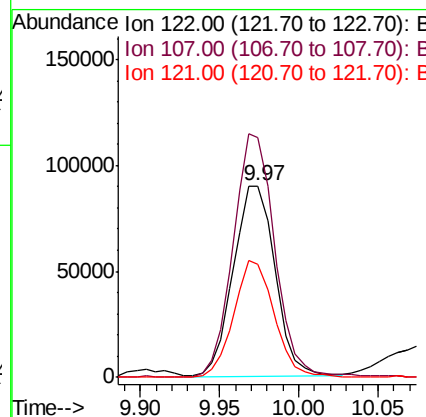
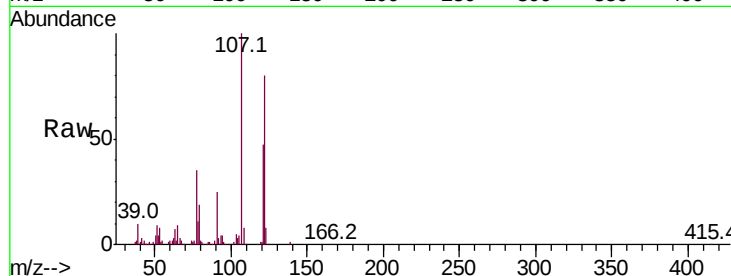




#27
2,4-Dimethylphenol
Concen: 45.185 ng
RT: 9.97 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BG045210.D
Acq: 29 Apr 2020 18:19

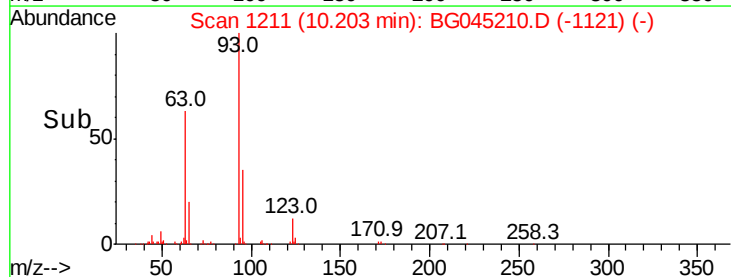
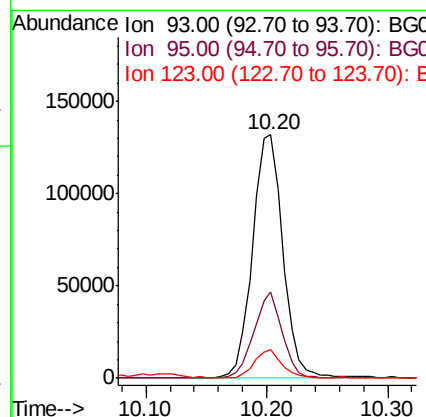
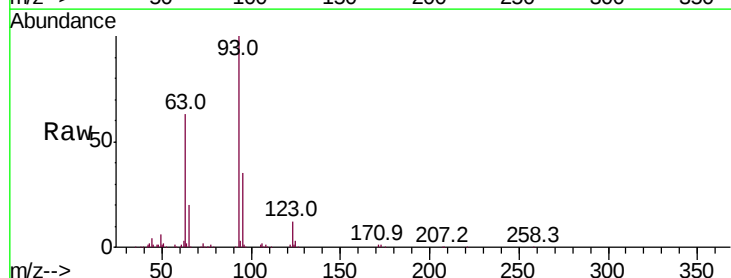
Instrument :
BNA_G
ClientSampleId :
PB128554BS

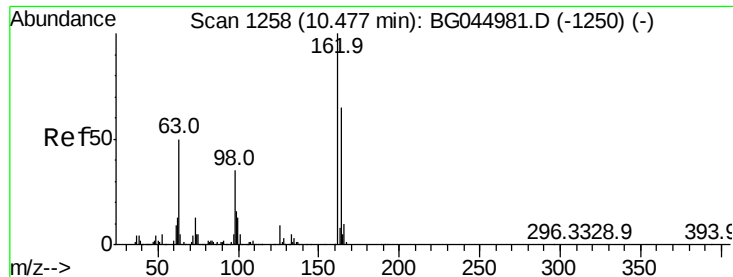
Tot Ion:122 Resp: 164448
Ion Ratio Lower Upper
122 100
107 124.9 96.8 145.2
121 58.8 45.6 68.4



#28
bis(2-Chloroethoxy)methane
Concen: 41.425 ng
RT: 10.20 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BG045210.D
Acq: 29 Apr 2020 18:19

Tgt Ion: 93 Resp: 231546
Ion Ratio Lower Upper
93 100
95 35.1 27.0 40.4
123 11.6 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 45.533 ng

RT: 10.45 min Scan# 1253

Delta R.T. 0.01 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

Instrument :

BNA_G

ClientSampleId :

PB128554BS

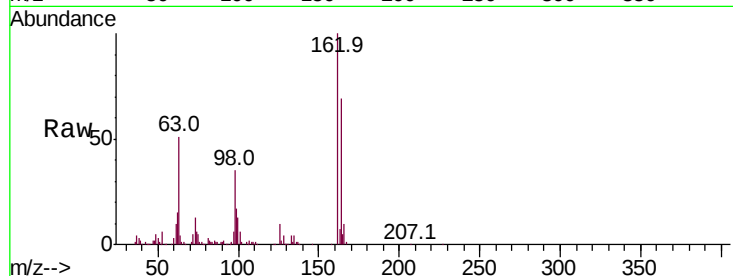
Tot Ion:162 Resp: 191346

Ion Ratio Lower Upper

162 100

164 69.1 45.0 85.0

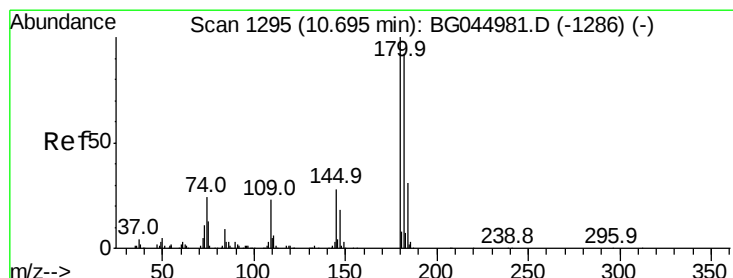
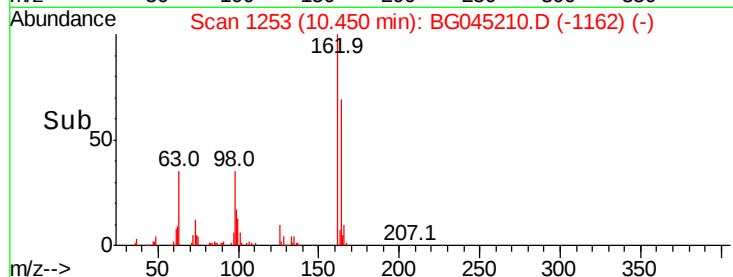
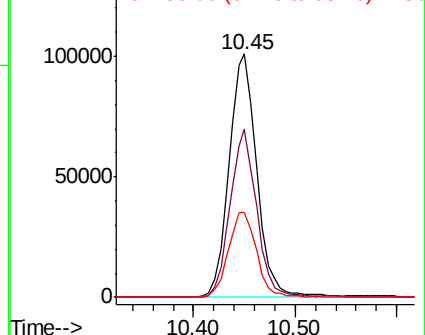
98 34.9 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 43.779 ng

RT: 10.66 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

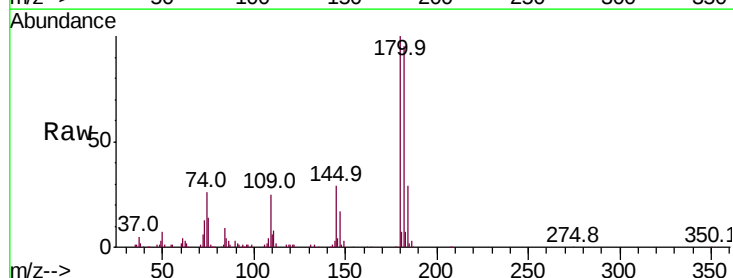
Tgt Ion:180 Resp: 208300

Ion Ratio Lower Upper

180 100

182 95.3 73.3 109.9

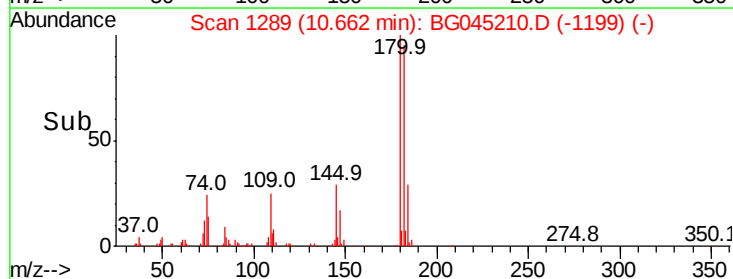
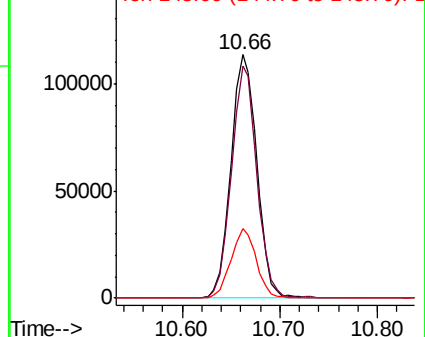
145 28.7 22.6 33.8

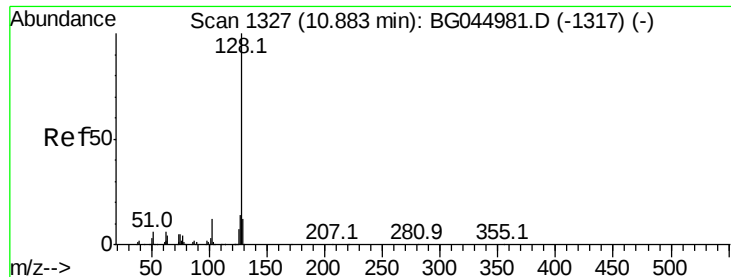


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

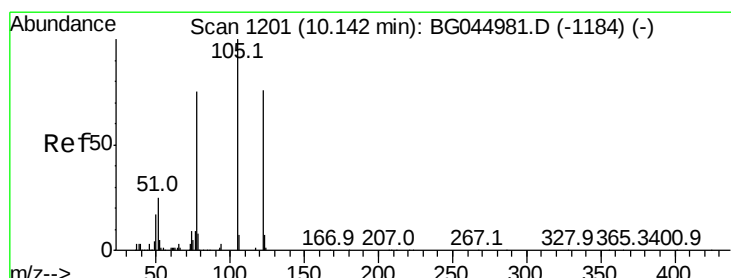
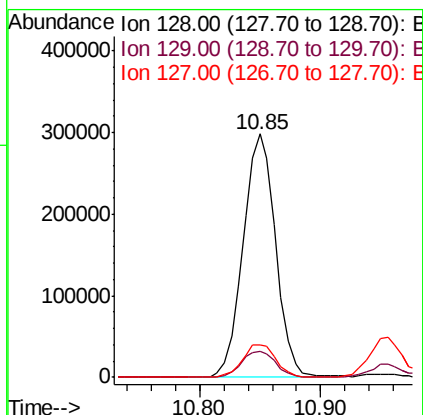
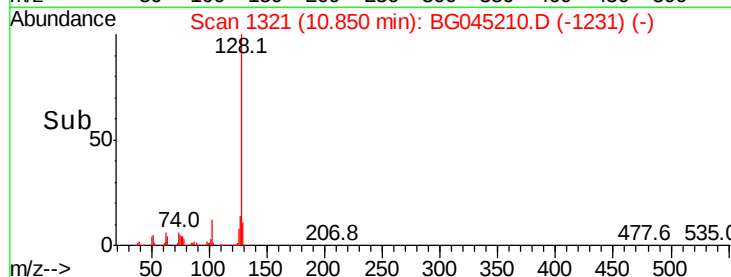
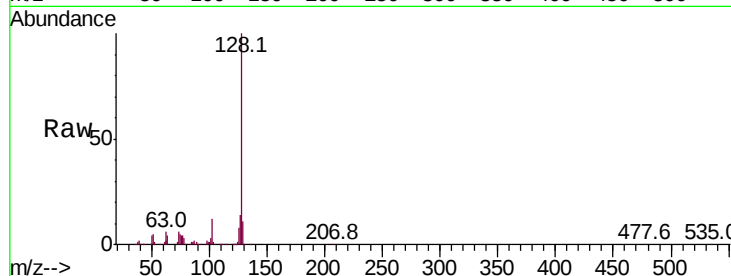




#31
Naphthalene
Concen: 42.924 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG045210.D
Acq: 29 Apr 2020 18:19

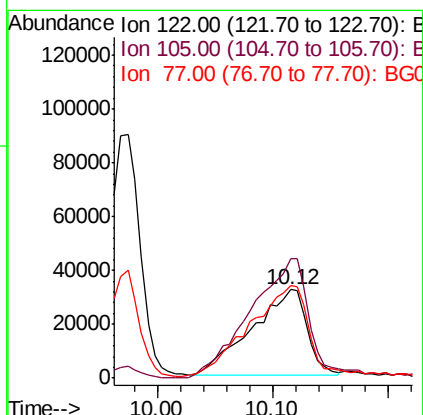
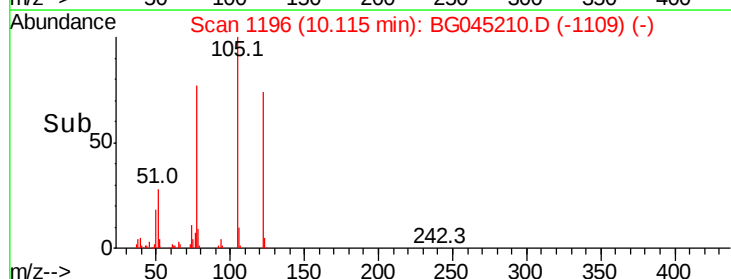
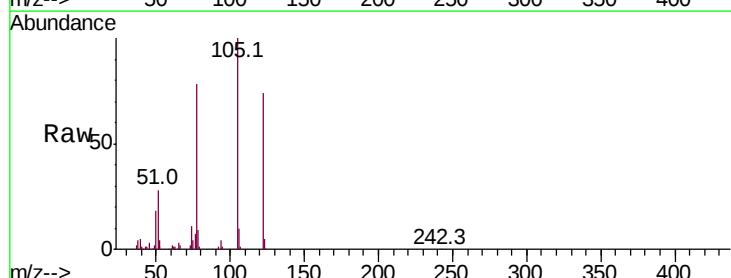
Instrument :
BNA_G
ClientSampleId :
PB128554BS

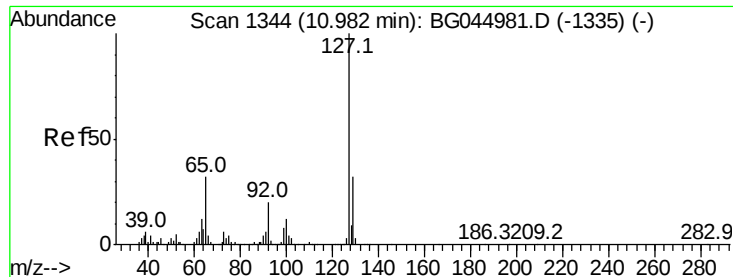
Tot Ion:128 Resp: 556599
Ion Ratio Lower Upper
128 100
129 10.6 9.4 14.2
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 37.530 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG045210.D
Acq: 29 Apr 2020 18:19

Tgt Ion:122 Resp: 105629
Ion Ratio Lower Upper
122 100
105 135.3 108.4 148.4
77 105.1 78.8 118.8

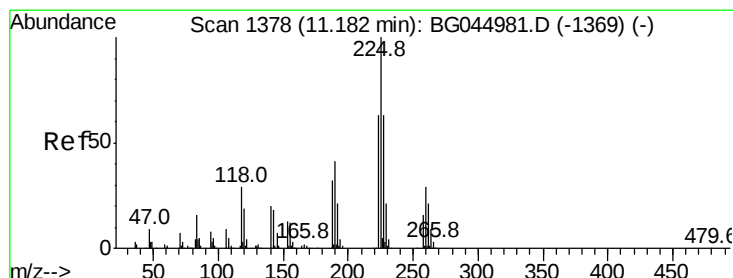
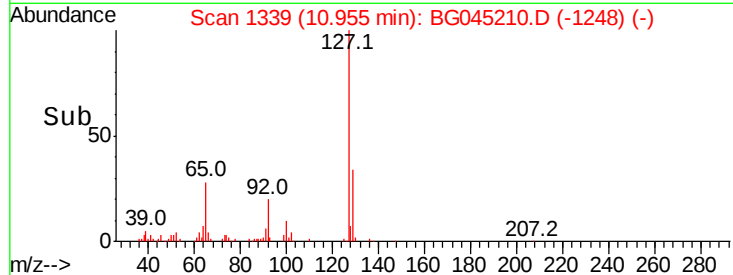
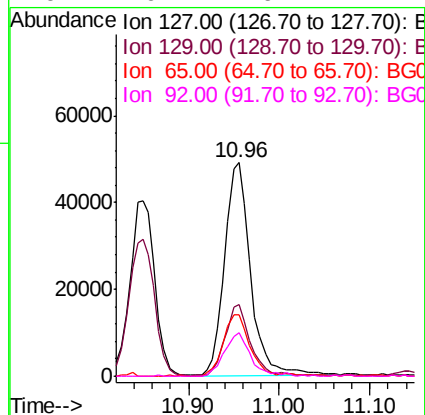
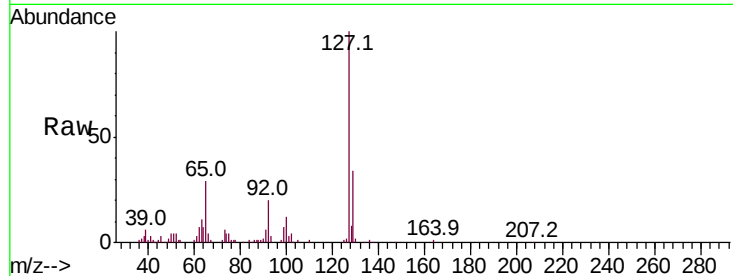




#33
 4-Chloroaniline
 Concen: 16.152 ng
 RT: 10.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BG045210.D
 Acq: 29 Apr 2020 18:19

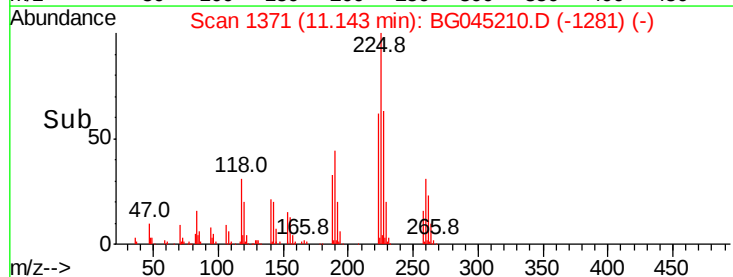
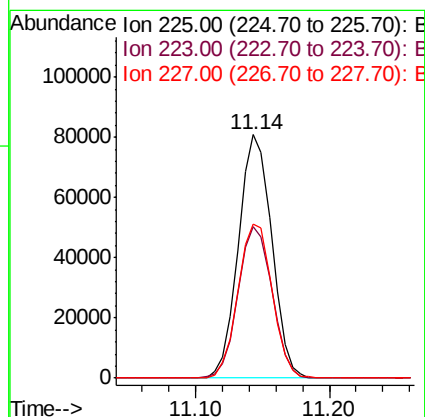
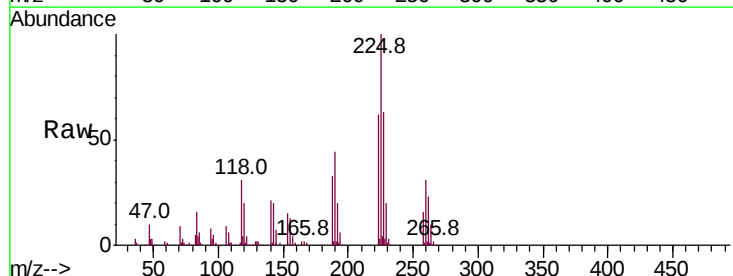
Instrument :
 BNA_G
 ClientSampleId :
 PB128554BS

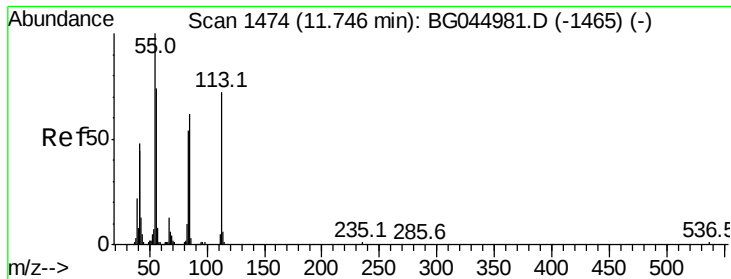
Tot Ion:	127	Resp:	97678
Ion	Ratio	Lower	Upper
127	100		
129	33.9	25.7	38.5
65	28.8	25.4	38.2
92	20.4	16.1	24.1



#34
 Hexachlorobutadiene
 Concen: 42.730 ng
 RT: 11.14 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: BG045210.D
 Acq: 29 Apr 2020 18:19

Tgt Ion:	225	Resp:	139393
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.7	76.1
227	63.5	50.2	75.2





#35

Caprolactam

Concen: 25.681 ng

RT: 11.72 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

Instrument :

BNA_G

ClientSampleId :

PB128554BS

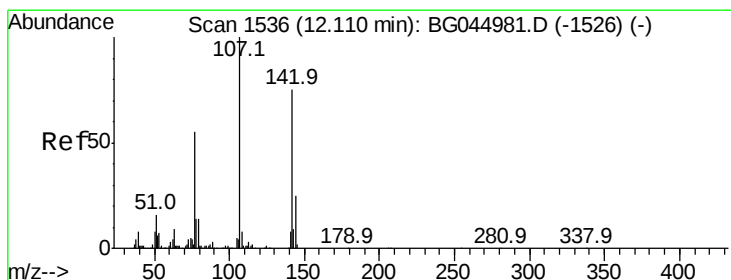
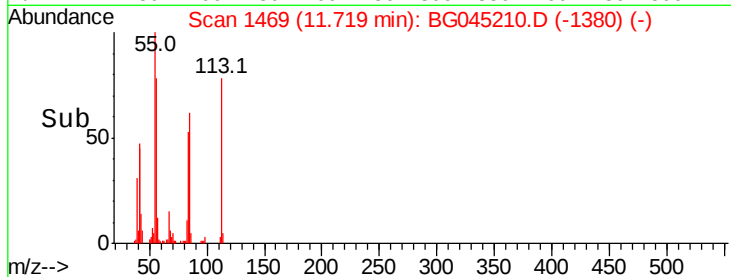
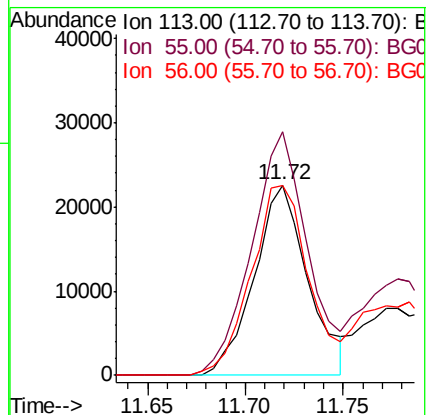
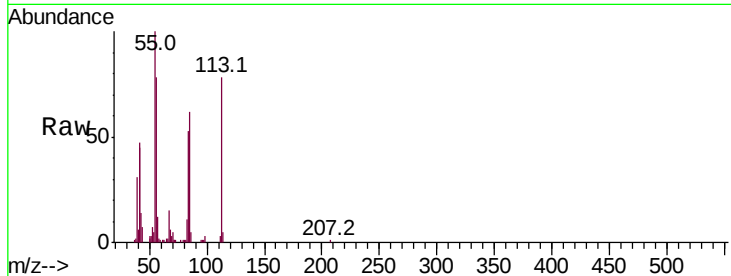
Tot Ion:113 Resp: 42952

Ion Ratio Lower Upper

113 100

55 128.1 118.8 158.8

56 99.8 82.6 122.6



#36

4-Chloro-3-methylphenol

Concen: 46.331 ng

RT: 12.08 min Scan# 1531

Delta R.T. -0.00 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

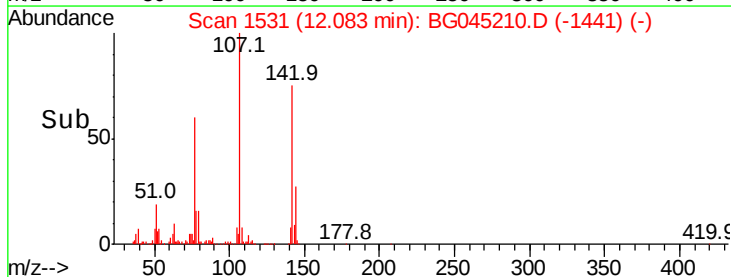
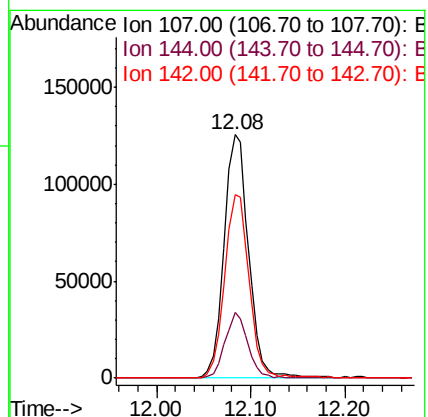
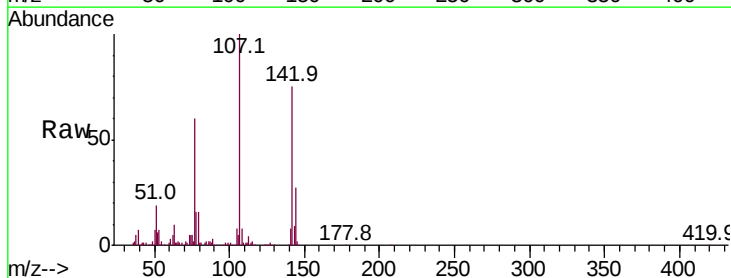
Tgt Ion:107 Resp: 228726

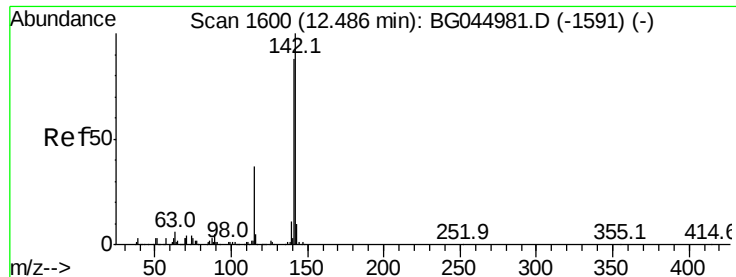
Ion Ratio Lower Upper

107 100

144 27.1 19.8 29.6

142 75.2 59.7 89.5

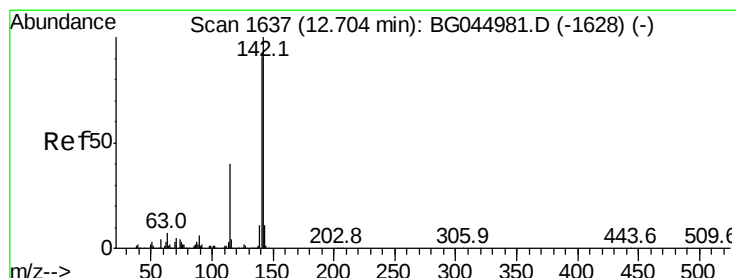
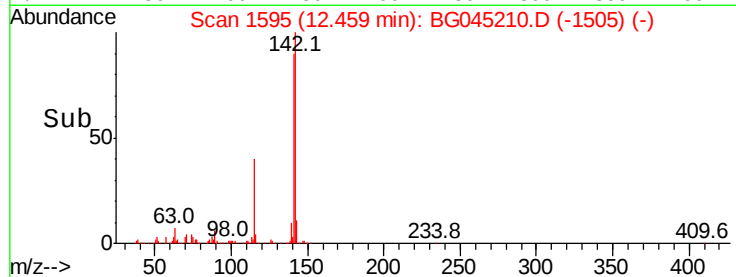
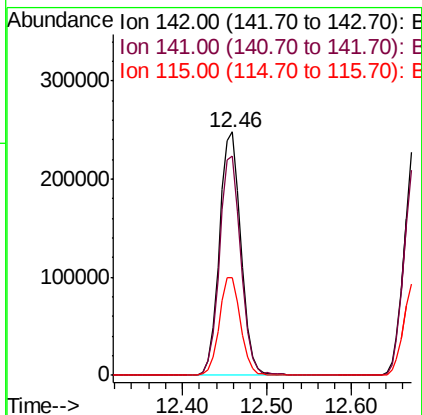
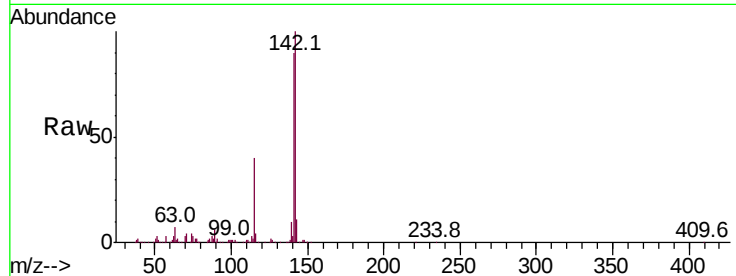




#37
 2-Methylnaphthalene
 Concen: 43.538 ng
 RT: 12.46 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BG045210.D
 Acq: 29 Apr 2020 18:19

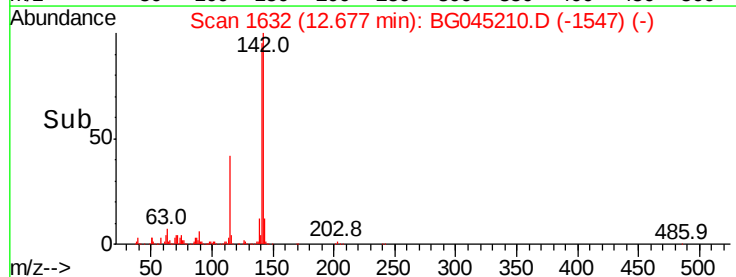
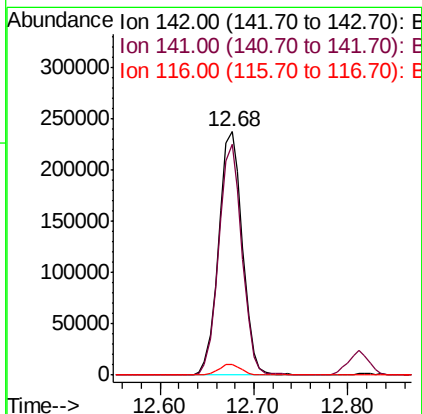
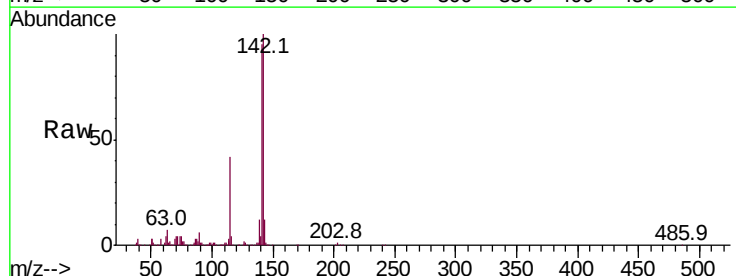
Instrument :
 BNA_G
 ClientSampleId :
 PB128554BS

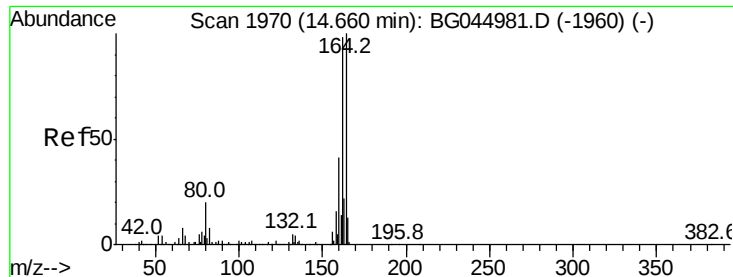
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.3	105.5
115	40.1	29.8	44.6



#38
 1-Methylnaphthalene
 Concen: 44.048 ng
 RT: 12.68 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BG045210.D
 Acq: 29 Apr 2020 18:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	72.7	109.1
116	4.2	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

Instrument :

BNA_G

ClientSampleId :

PB128554BS

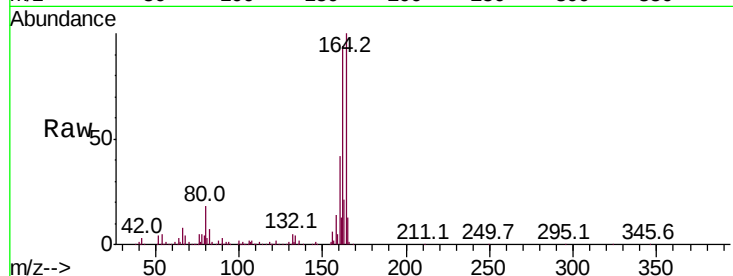
Tot Ion:164 Resp: 180747

Ion Ratio Lower Upper

164 100

162 94.4 78.7 118.1

160 42.2 32.8 49.2

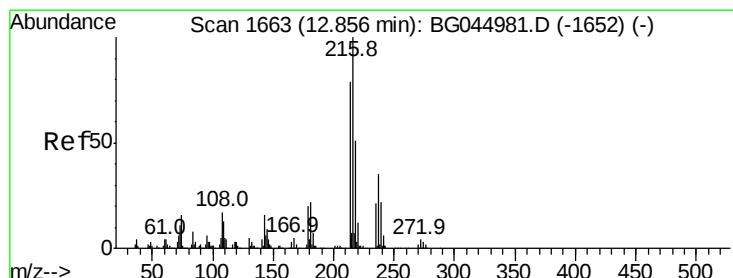
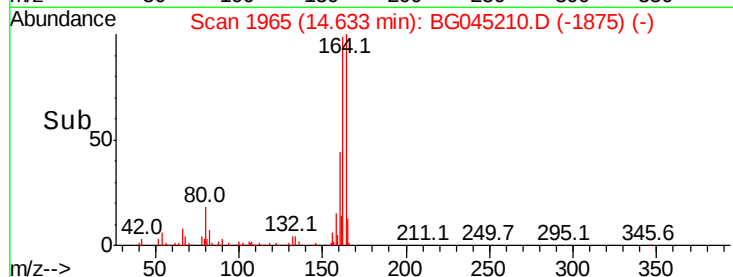
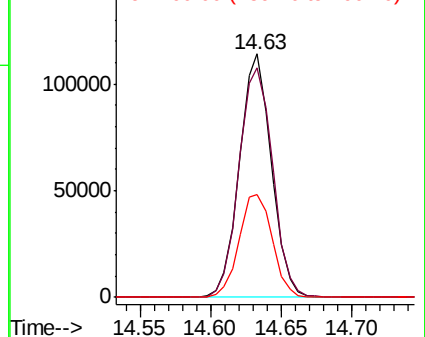


Abundance

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: 41.260 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

Tgt Ion:216 Resp: 240115

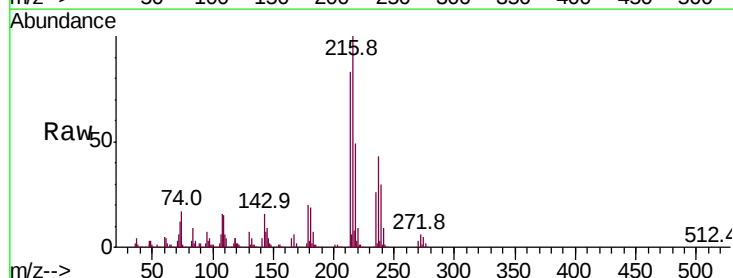
Ion Ratio Lower Upper

216 100

214 80.5 63.0 94.6

179 20.4 15.8 23.8

108 19.6 14.2 21.2



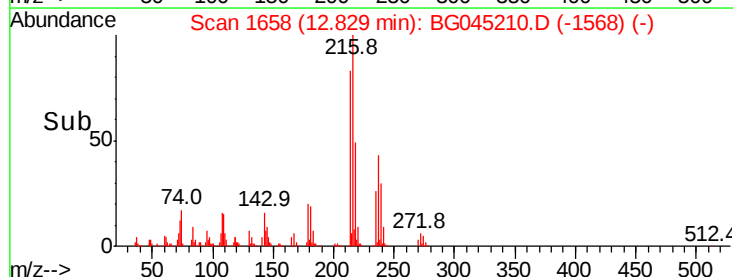
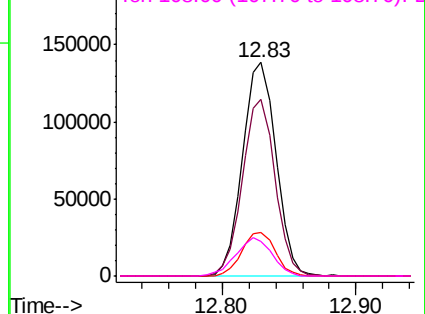
Abundance

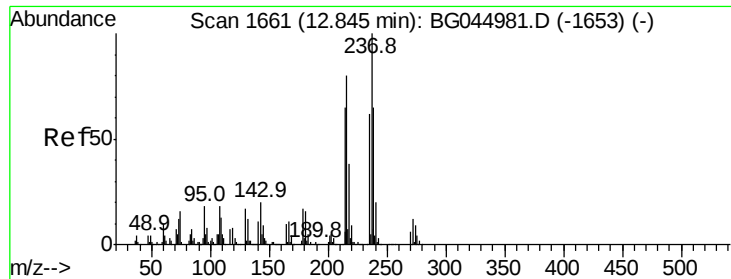
Ion 216.00 (215.70 to 216.70): E

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

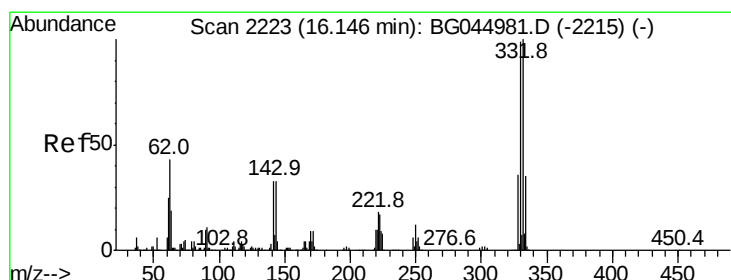
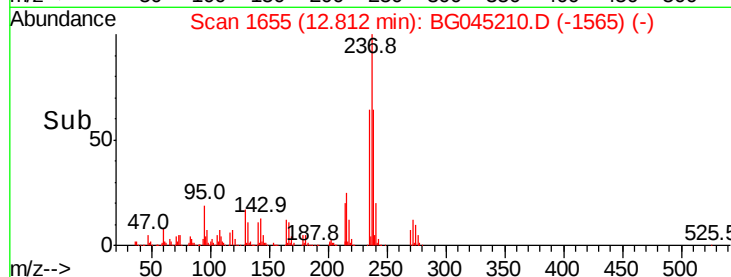
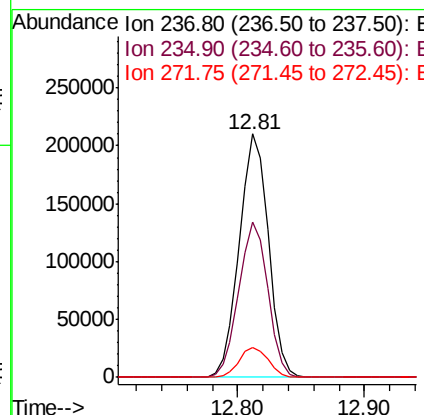
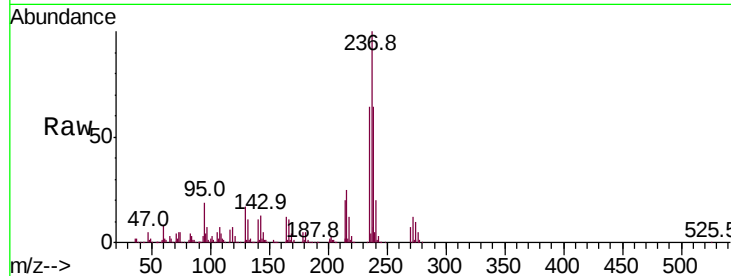




#41
Hexachlorocyclopentadiene
Concen: 91.460 ng
RT: 12.81 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BG045210.D
Acq: 29 Apr 2020 18:19

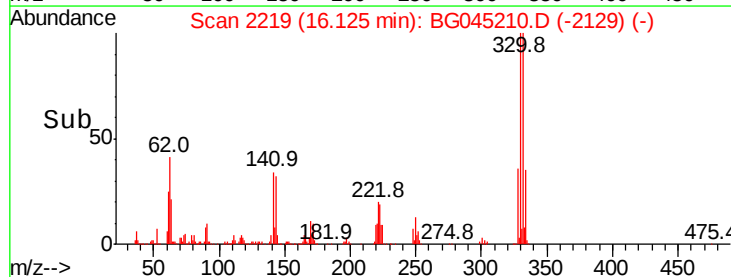
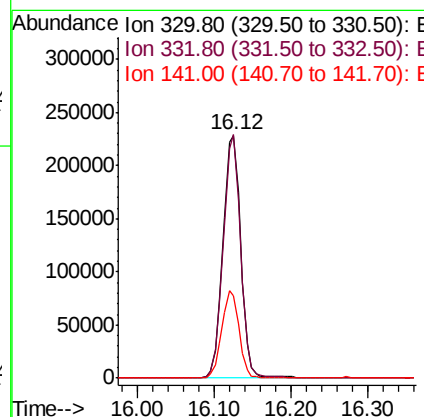
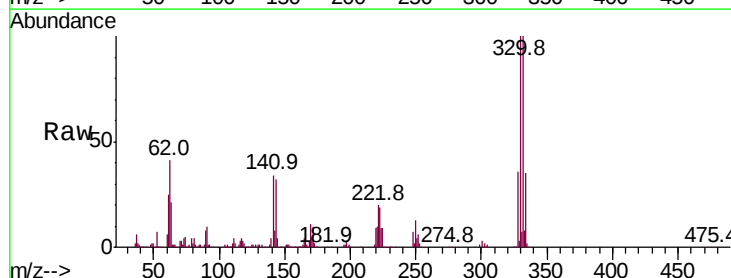
Instrument :
BNA_G
ClientSampleId :
PB128554BS

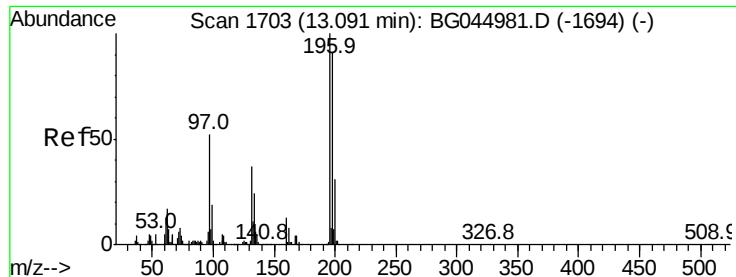
Tot Ion	Ratio	Lower	Upper
237	100		
235	63.9	41.6	81.6
272	12.3	0.0	32.1



#42
2,4,6-Tribromophenol
Concen: 130.585 ng
RT: 16.12 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BG045210.D
Acq: 29 Apr 2020 18:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	79.1	118.7
141	35.1	27.1	40.7

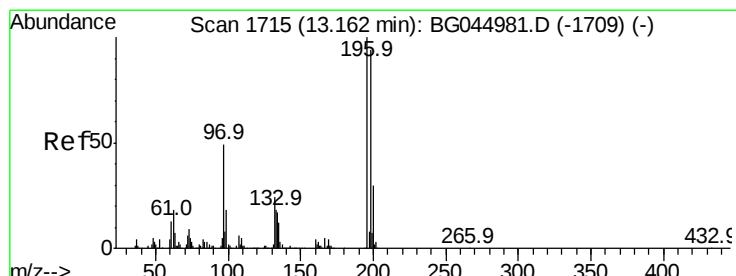
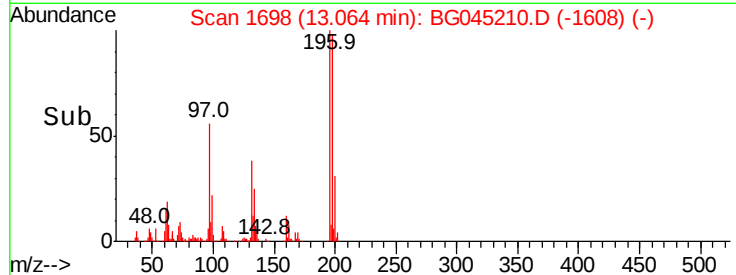
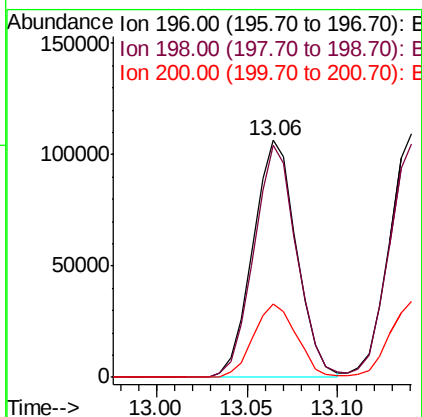
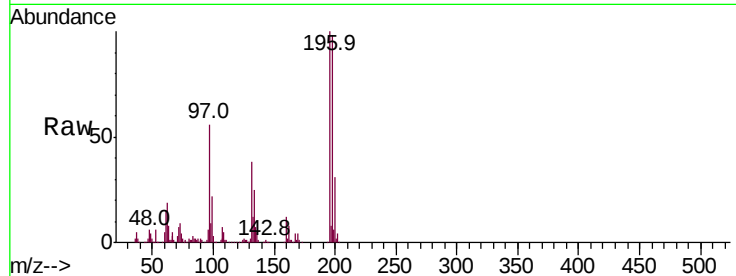




#43
 2,4,6-Trichlorophenol
 Concen: 43.518 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG045210.D
 Acq: 29 Apr 2020 18:19

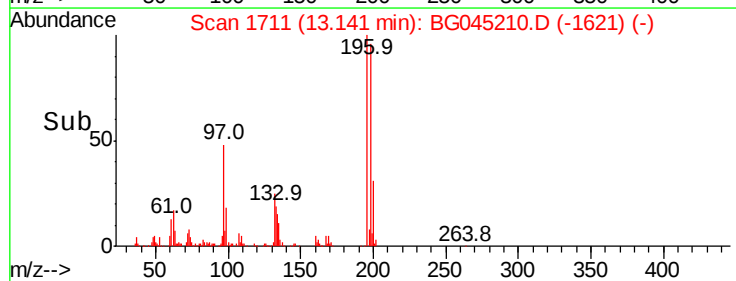
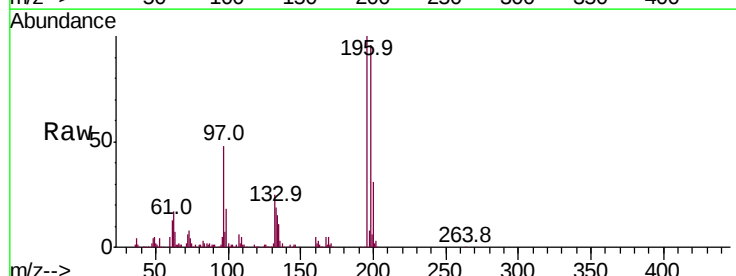
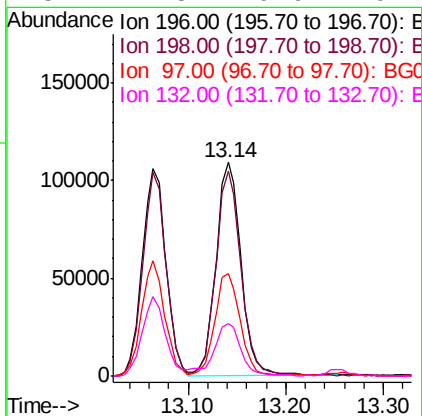
Instrument :
 BNA_G
 ClientSampleId :
 PB128554BS

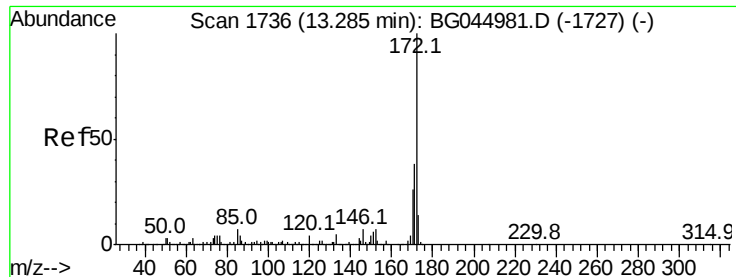
Tot Ion:196	Resp:	178737
Ion	Ratio	Lower Upper
196	100	
198	98.0	72.5 108.7
200	31.2	24.5 36.7



#44
 2,4,5-Trichlorophenol
 Concen: 41.512 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG045210.D
 Acq: 29 Apr 2020 18:19

Tgt Ion:196	Resp:	194076
Ion	Ratio	Lower Upper
196	100	
198	95.8	75.7 113.5
97	47.8	39.6 59.4
132	24.8	19.6 29.4

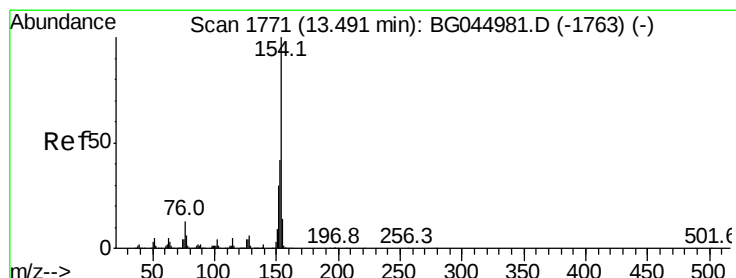
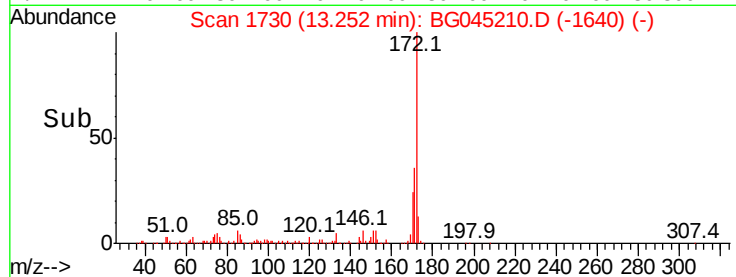
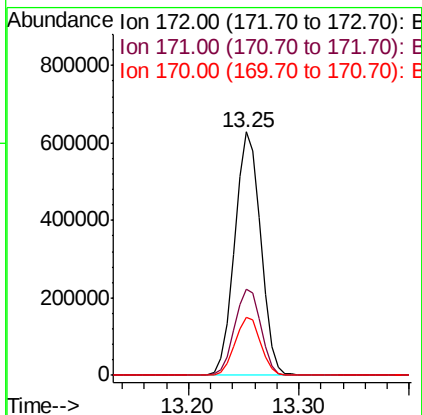
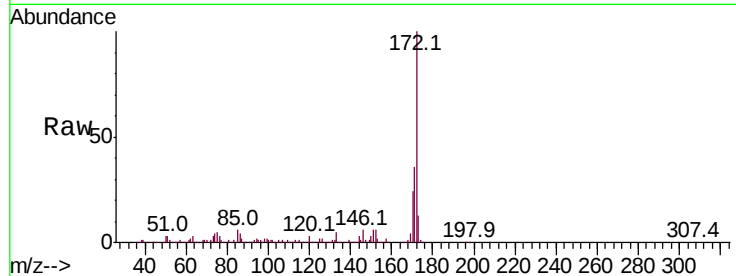




#45
2-Fluorobiphenyl
Concen: 84.333 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BG045210.D
Acq: 29 Apr 2020 18:19

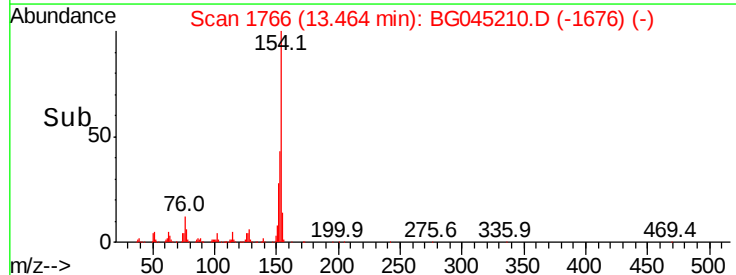
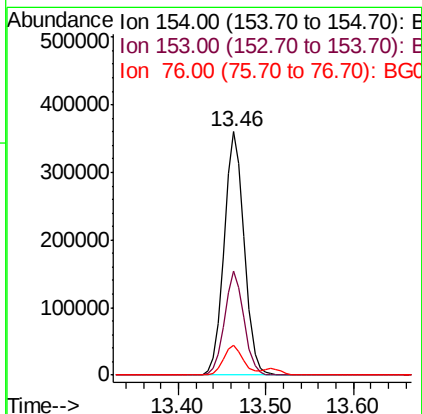
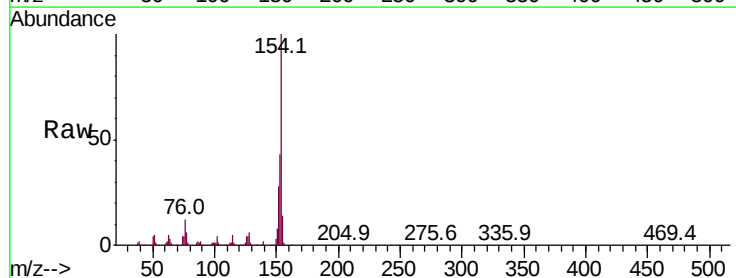
Instrument :
BNA_G
ClientSampleId :
PB128554BS

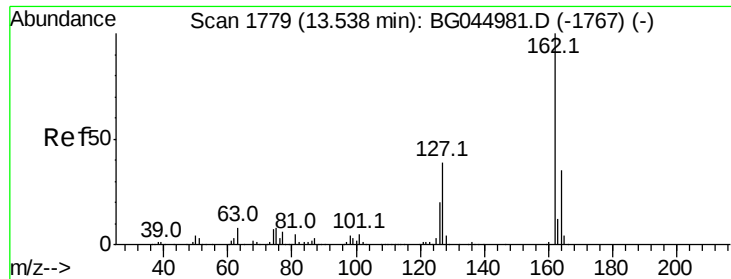
Tot Ion:172 Resp: 1039533
Ion Ratio Lower Upper
172 100
171 35.7 30.6 46.0
170 23.6 20.5 30.7



#46
1,1'-Biphenyl
Concen: 41.324 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG045210.D
Acq: 29 Apr 2020 18:19

Tgt Ion:154 Resp: 567704
Ion Ratio Lower Upper
154 100
153 42.7 21.9 61.9
76 12.3 0.0 33.1





#47

2-Chloronaphthalene

Concen: 41.409 ng

RT: 13.50 min Scan# 1773

Delta R.T. -0.00 min

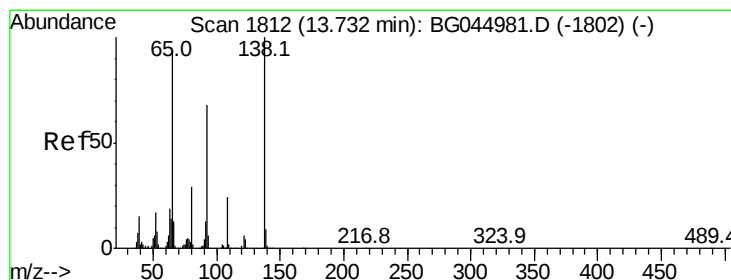
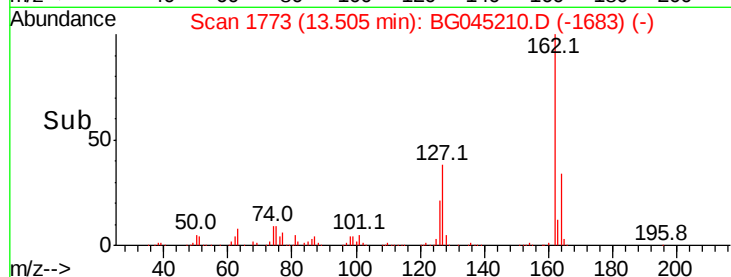
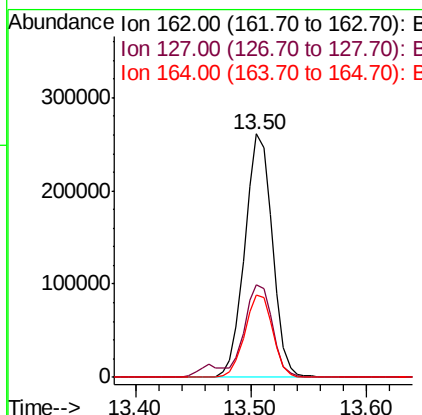
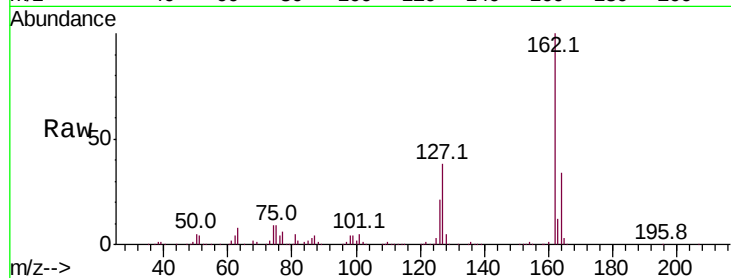
Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

Instrument :
BNA_G
ClientSampleId :
PB128554BS

Tot Ion:162 Resp: 434678

Ion	Ratio	Lower	Upper
162	100		
127	38.1	31.3	46.9
164	33.8	27.8	41.8



#48

2-Nitroaniline

Concen: 41.989 ng

RT: 13.70 min Scan# 1807

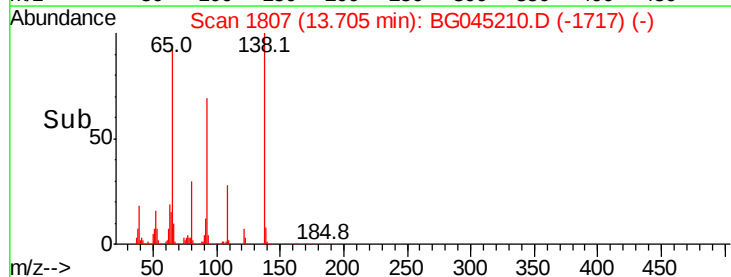
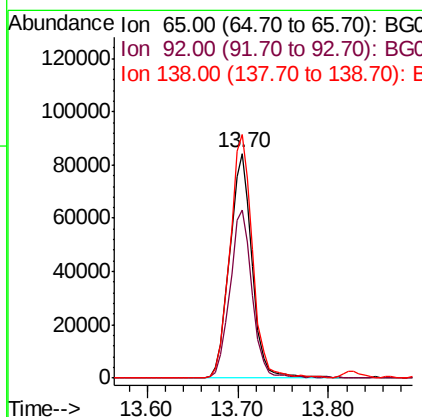
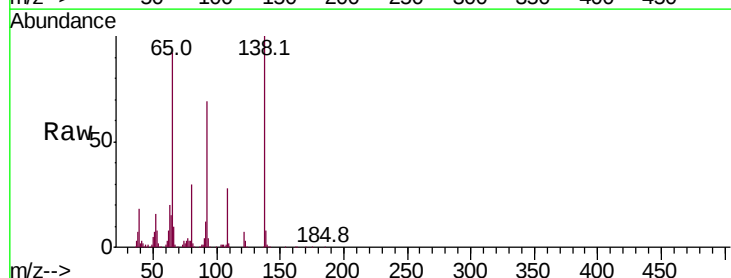
Delta R.T. -0.00 min

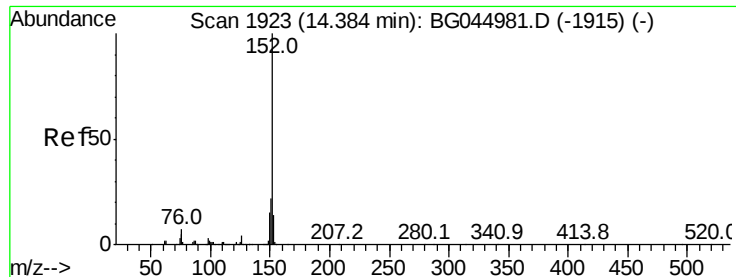
Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

Tgt Ion: 65 Resp: 145022

Ion	Ratio	Lower	Upper
65	100		
92	74.6	58.3	87.5
138	108.4	85.6	128.4





#49

Acenaphthylene

Concen: 43.056 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

Instrument :

BNA_G

ClientSampleId :

PB128554BS

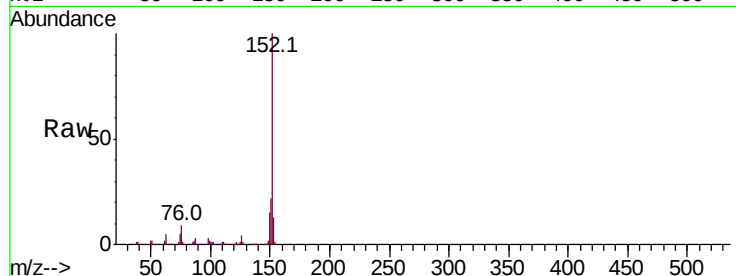
Tot Ion:152 Resp: 736195

Ion Ratio Lower Upper

152 100

151 21.8 17.2 25.8

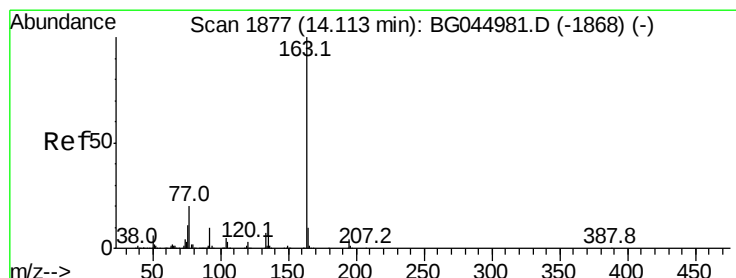
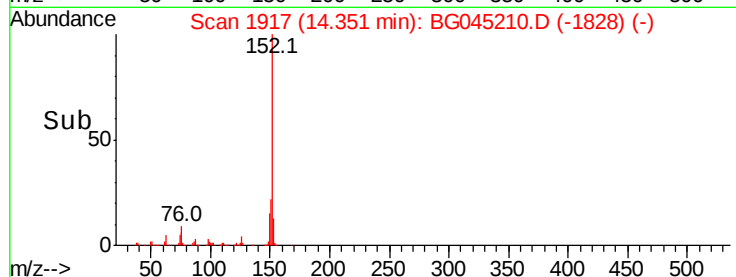
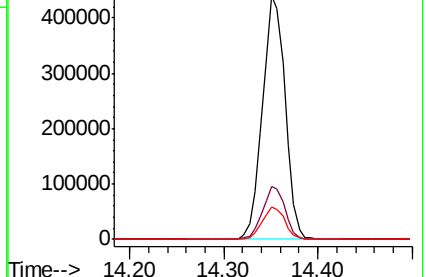
153 13.4 11.0 16.4



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: 42.057 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

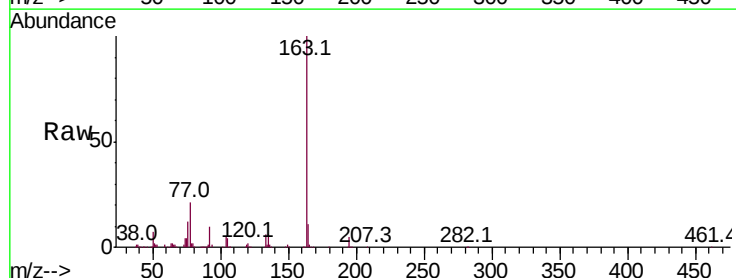
Tgt Ion:163 Resp: 618961

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

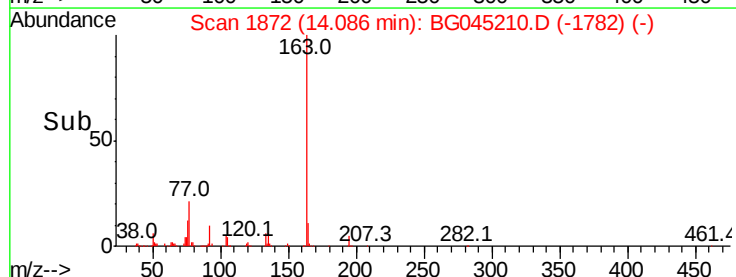
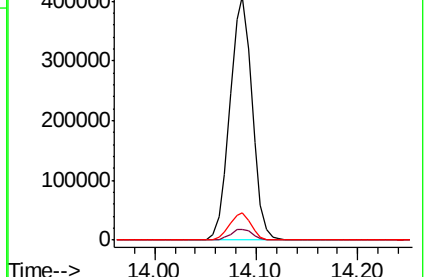
164 11.2 8.2 12.4

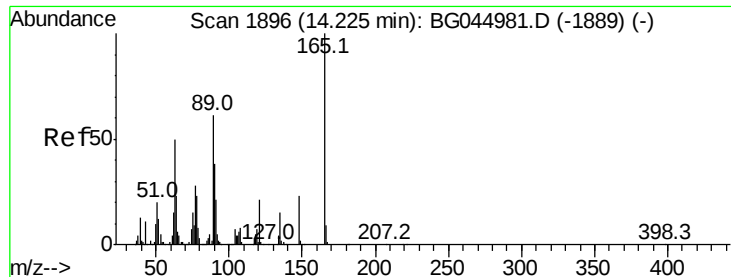


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

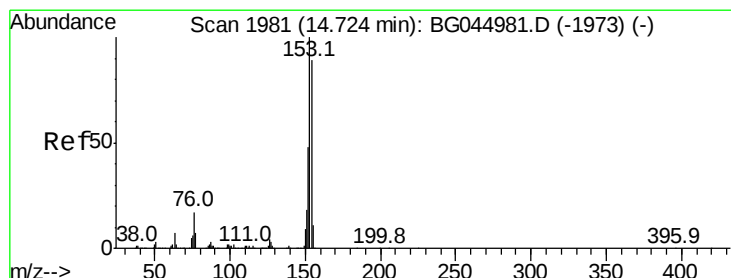
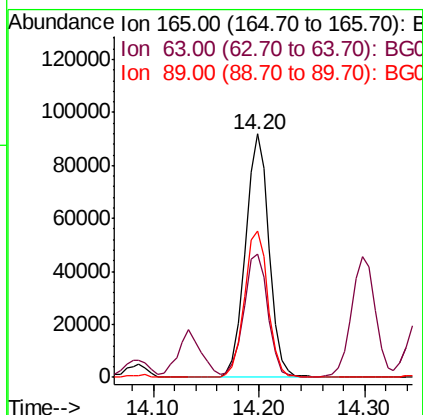
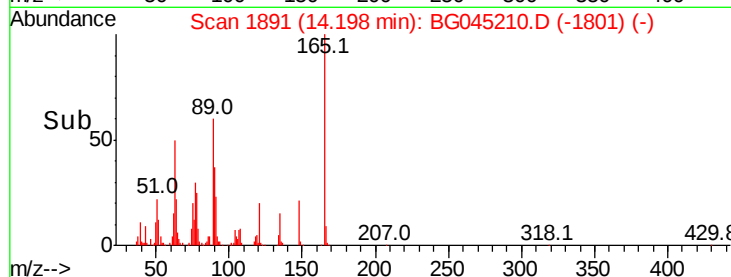
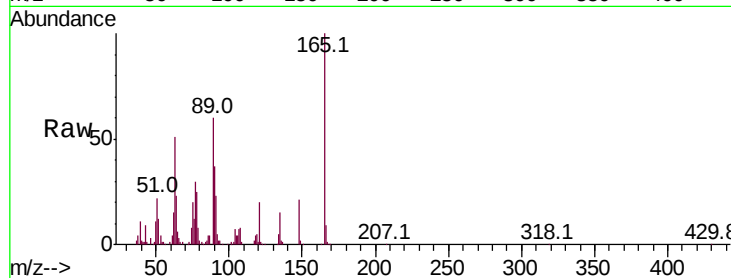




#51
2,6-Dinitrotoluene
Concen: 43.211 ng
RT: 14.20 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BG045210.D
Acq: 29 Apr 2020 18:19

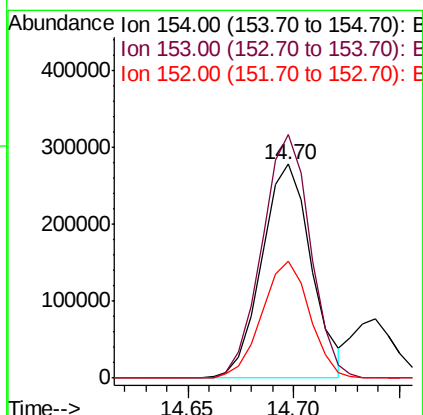
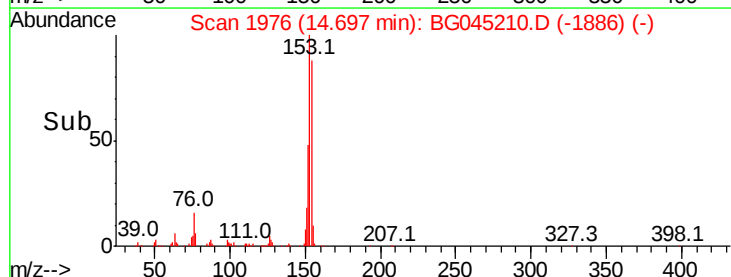
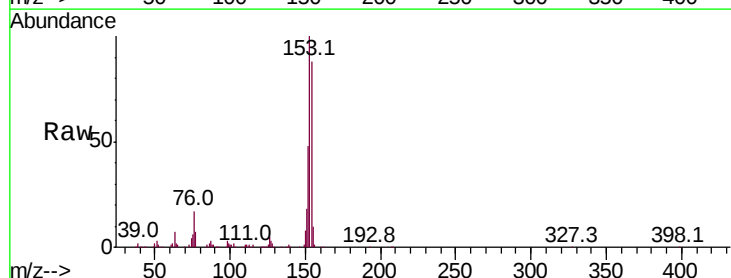
Instrument :
BNA_G
ClientSampleId :
PB128554BS

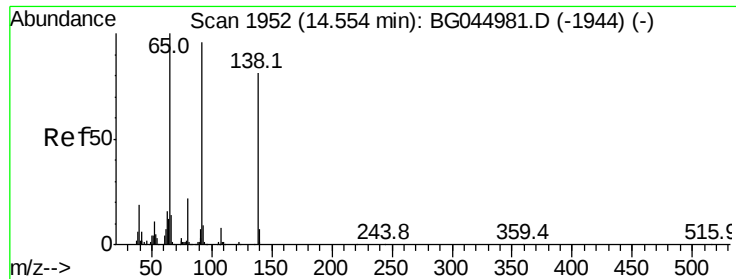
Tot Ion:165 Resp: 142242
Ion Ratio Lower Upper
165 100
63 50.7 40.4 60.6
89 60.3 49.1 73.7



#52
Acenaphthene
Concen: 39.250 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG045210.D
Acq: 29 Apr 2020 18:19

Tgt Ion:154 Resp: 454070
Ion Ratio Lower Upper
154 100
153 113.7 89.7 134.5
152 54.5 43.1 64.7





#53

3-Nitroaniline

Concen: 24.643 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

Instrument :

BNA_G

ClientSampleId :

PB128554BS

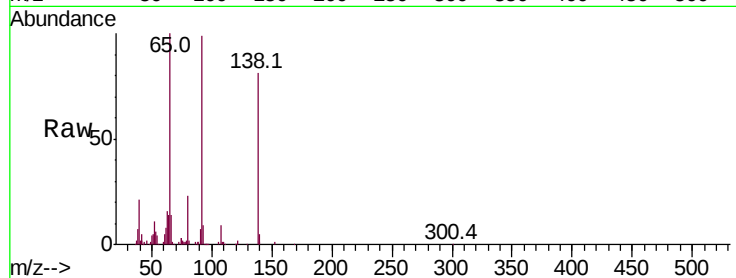
Tot Ion:138 Resp: 88969

Ion Ratio Lower Upper

138 100

108 11.2 7.8 11.8

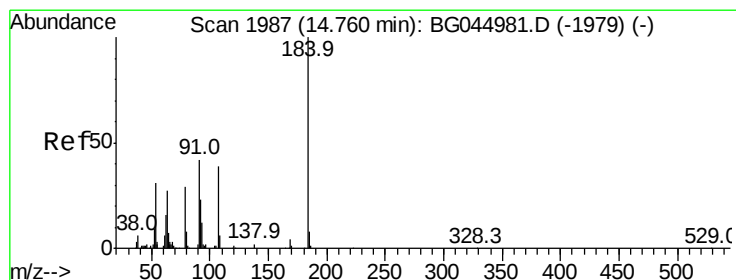
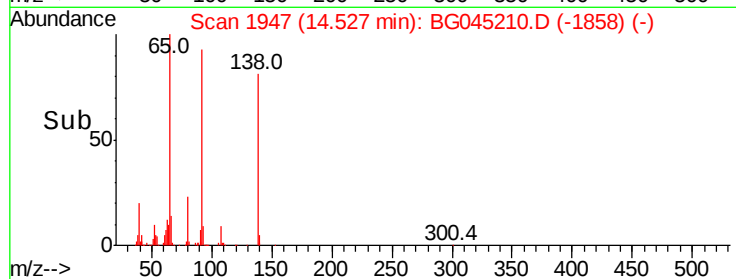
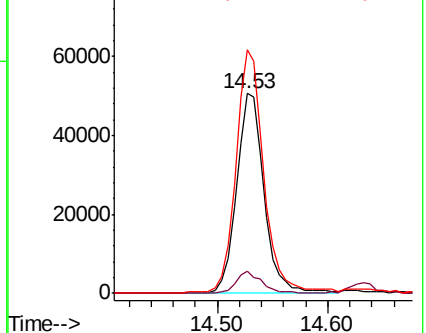
92 121.8 94.5 141.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 90.773 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

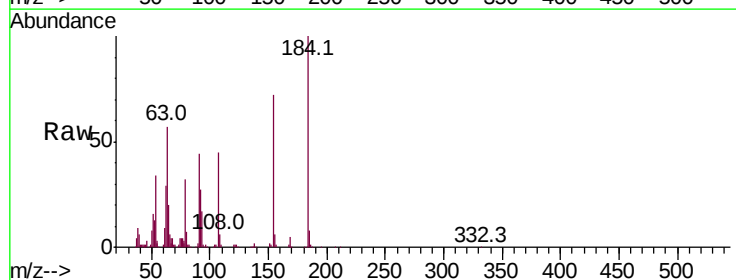
Tgt Ion:184 Resp: 177681

Ion Ratio Lower Upper

184 100

63 57.1 41.5 62.3

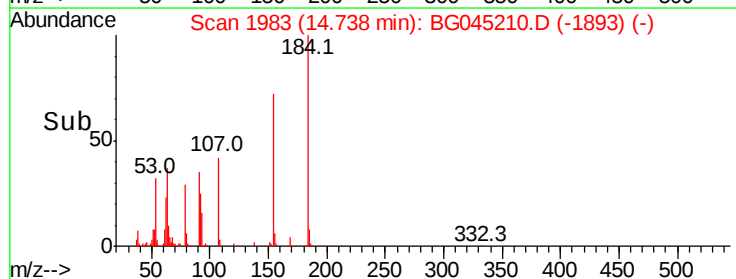
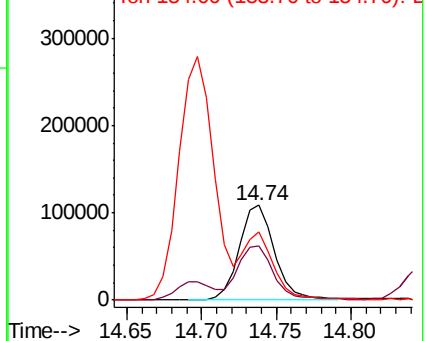
154 71.7 52.3 78.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 43.594 ng

RT: 15.03 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

Instrument :

BNA_G

ClientSampleId :

PB128554BS

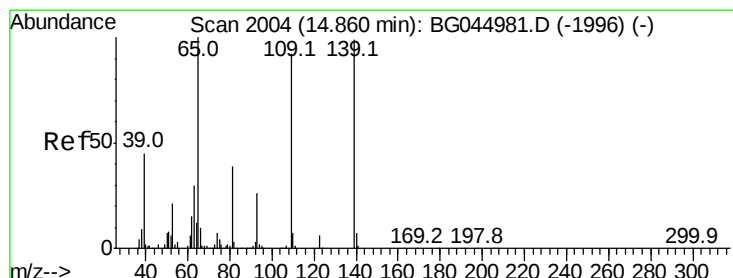
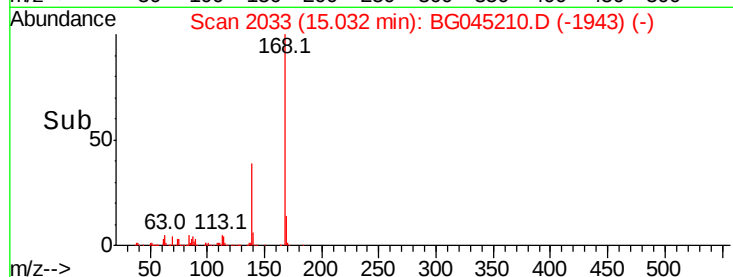
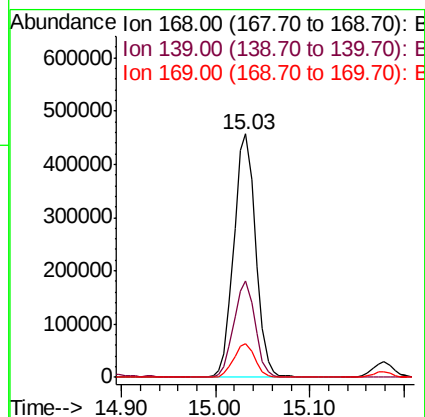
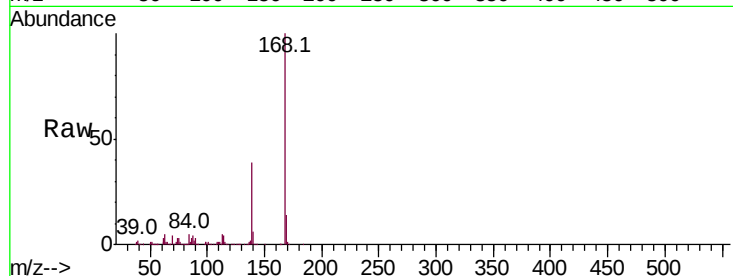
Tot Ion:168 Resp: 735268

Ion Ratio Lower Upper

168 100

139 39.4 30.4 45.6

169 13.8 11.0 16.4



#56

4-Nitrophenol

Concen: 80.024 ng

RT: 14.85 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

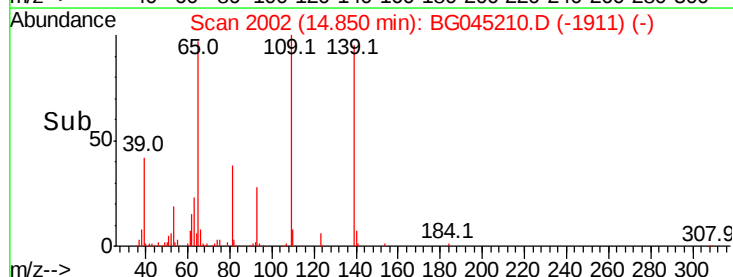
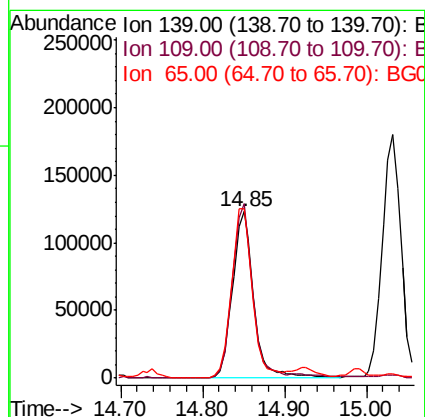
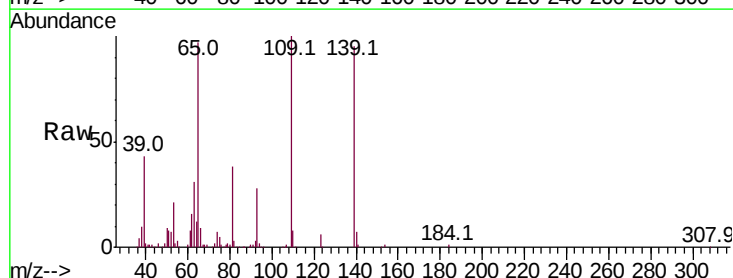
Tgt Ion:139 Resp: 224013

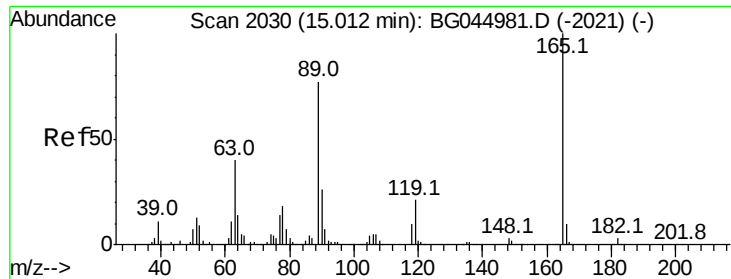
Ion Ratio Lower Upper

139 100

109 104.7 73.6 113.6

65 101.7 81.2 121.2

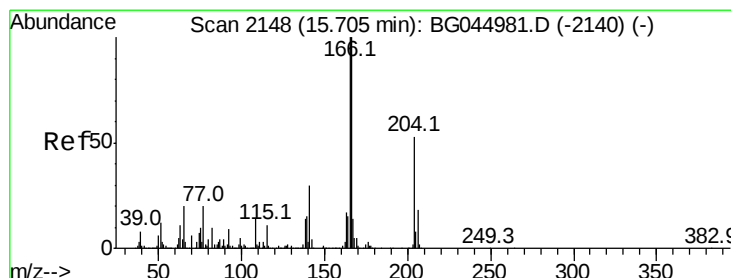
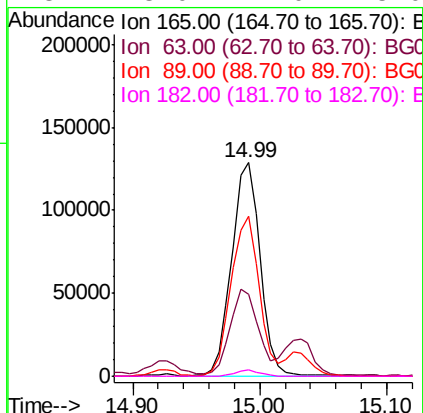
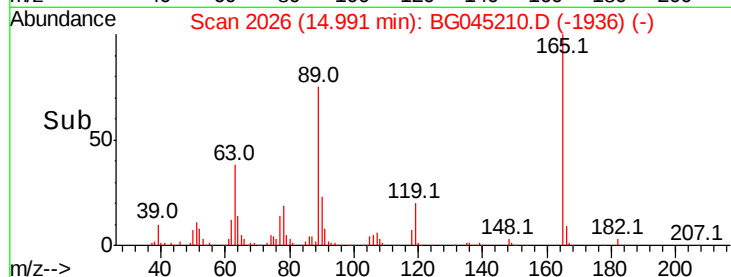
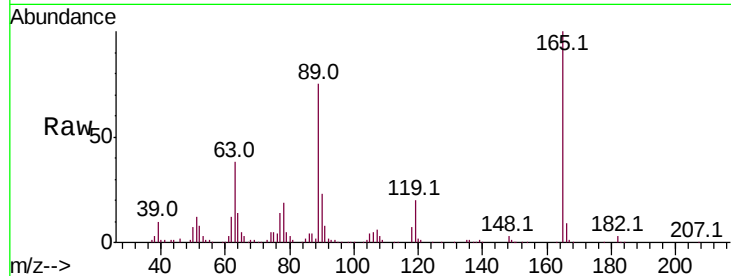




#57
2,4-Dinitrotoluene
Concen: 41.572 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG045210.D
Acq: 29 Apr 2020 18:19

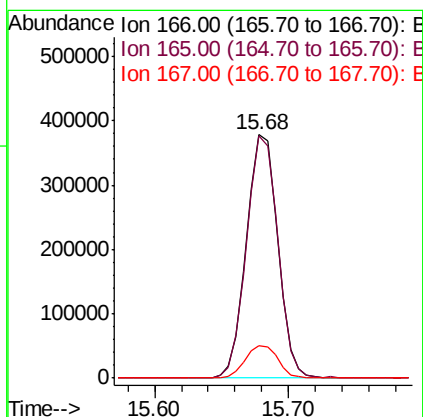
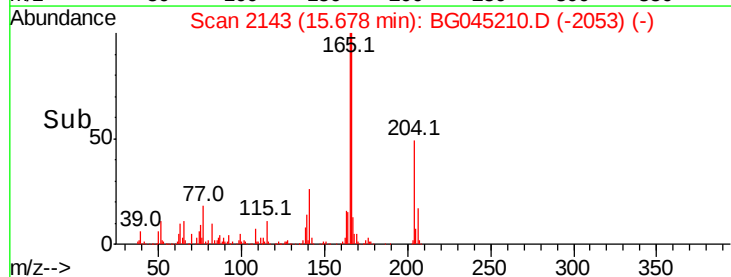
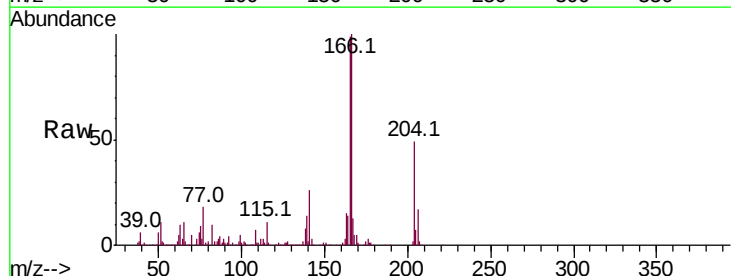
Instrument :
BNA_G
ClientSampleId :
PB128554BS

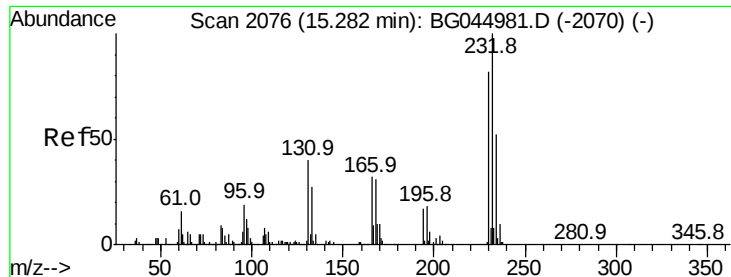
Tot Ion:165 Resp: 199991
Ion Ratio Lower Upper
165 100
63 38.2 32.2 48.2
89 75.0 61.7 92.5
182 3.0 2.0 3.0#



#58
Fluorene
Concen: 44.588 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG045210.D
Acq: 29 Apr 2020 18:19

Tgt Ion:166 Resp: 614272
Ion Ratio Lower Upper
166 100
165 99.5 79.9 119.9
167 13.2 11.4 17.0

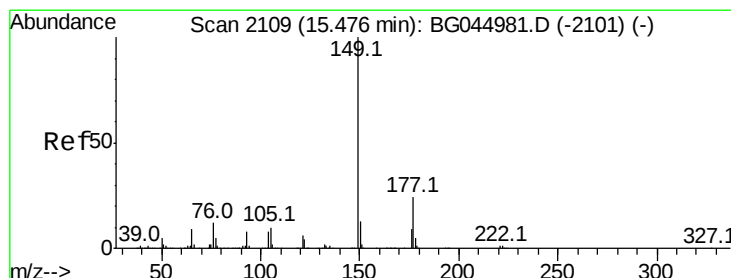
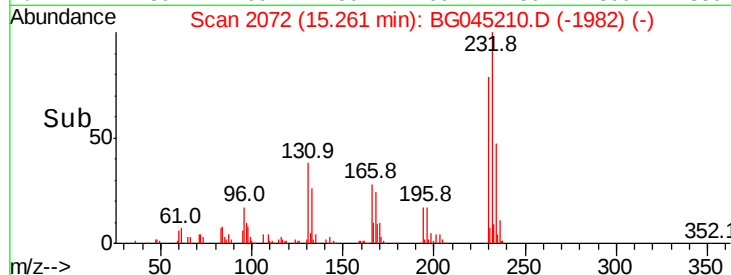
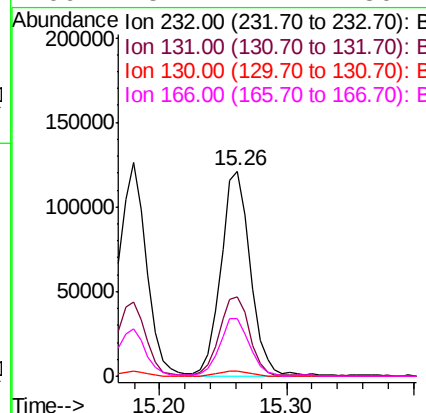
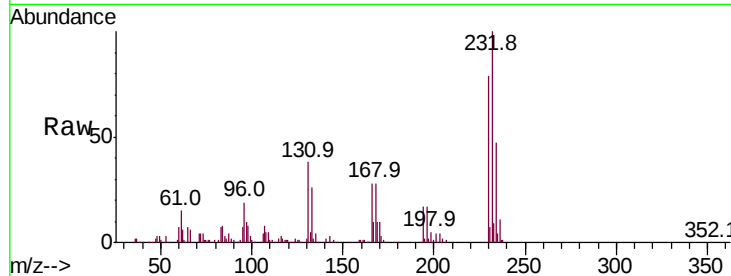




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.954 ng
RT: 15.26 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BG045210.D
Acq: 29 Apr 2020 18:19

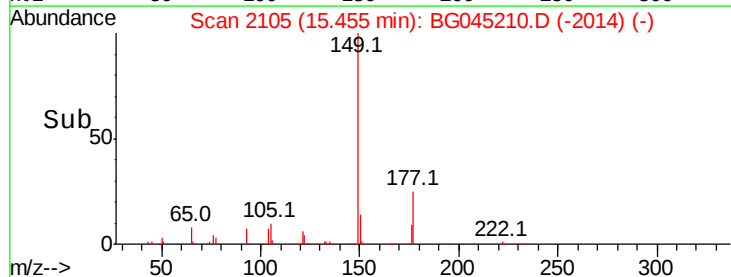
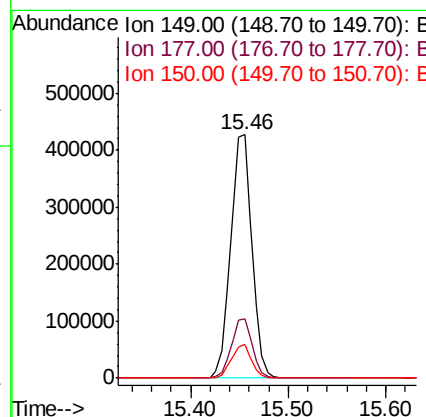
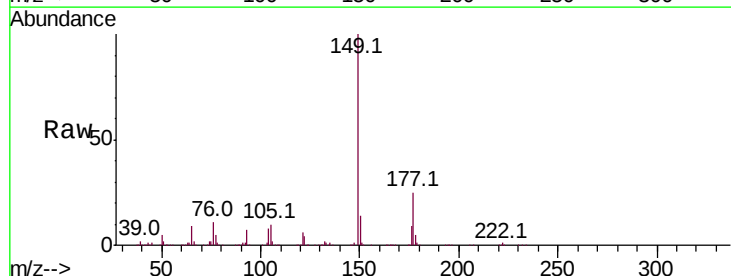
Instrument :
BNA_G
ClientSampleId :
PB128554BS

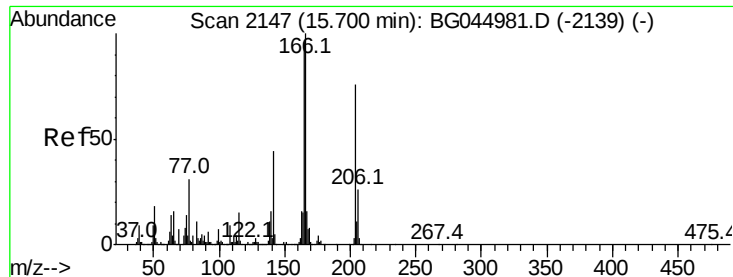
Tot Ion:	232	Resp:	195321
Ion	Ratio	Lower	Upper
232	100		
131	40.0	32.2	48.2
130	2.6	2.2	3.2
166	28.4	24.2	36.4



#60
Diethylphthalate
Concen: 41.910 ng
RT: 15.46 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BG045210.D
Acq: 29 Apr 2020 18:19

Tgt Ion:	149	Resp:	643068
Ion	Ratio	Lower	Upper
149	100		
177	24.6	18.9	28.3
150	13.6	10.6	15.8





#61

4-Chlorophenyl-phenylether

Concen: 42.525 ng

RT: 15.67 min Scan# 2142

Delta R.T. -0.00 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

Instrument :

BNA_G

ClientSampleId :

PB128554BS

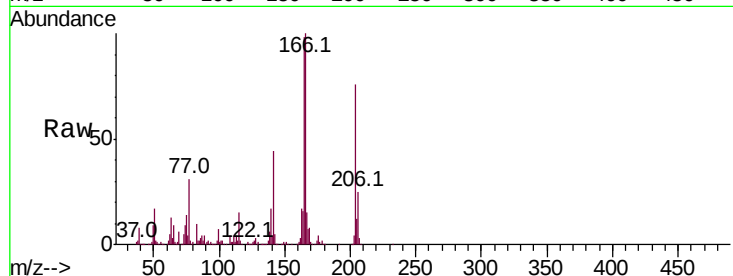
Tot Ion:204 Resp: 337212

Ion Ratio Lower Upper

204 100

206 33.1 26.9 40.3

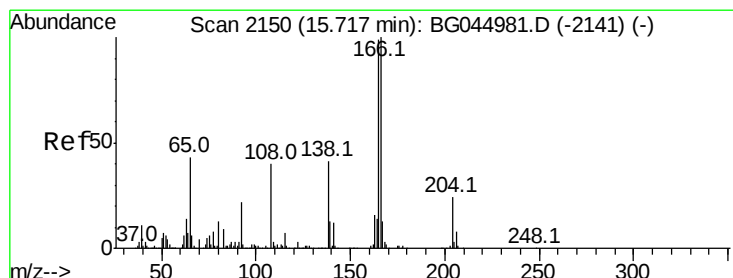
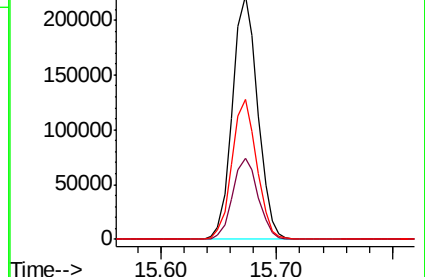
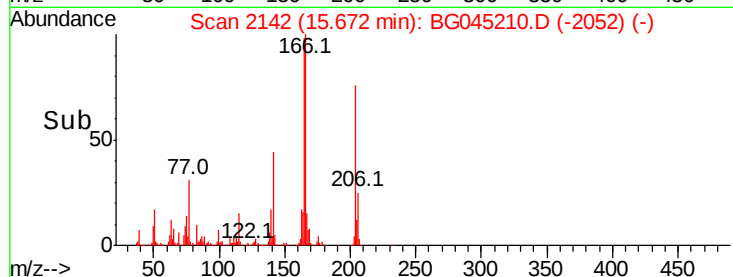
141 57.7 46.3 69.5



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 37.679 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

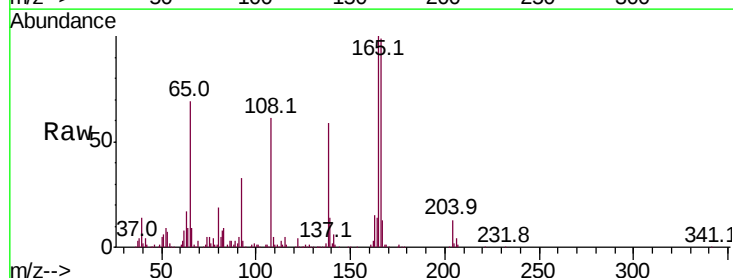
Tgt Ion:138 Resp: 141096

Ion Ratio Lower Upper

138 100

92 56.1 33.6 73.6

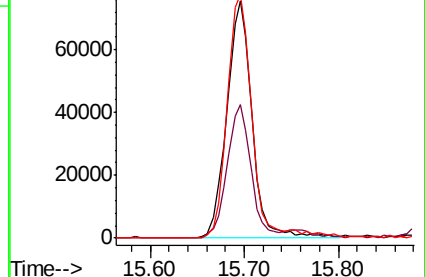
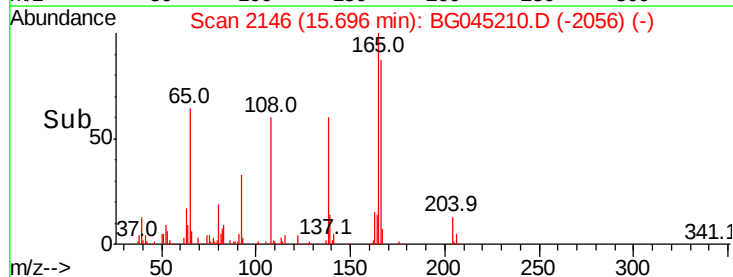
108 102.7 78.2 118.2

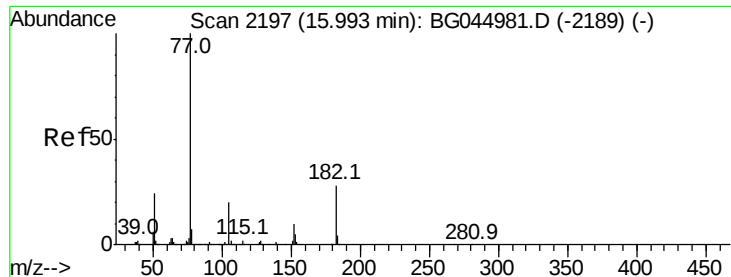


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

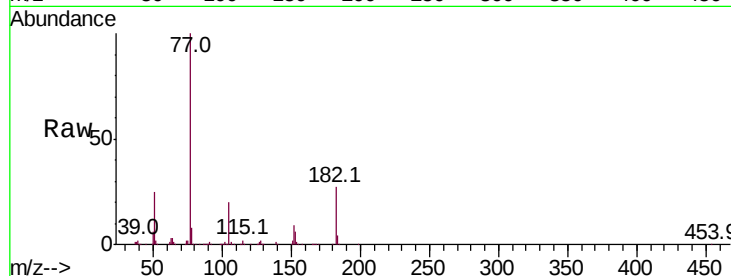




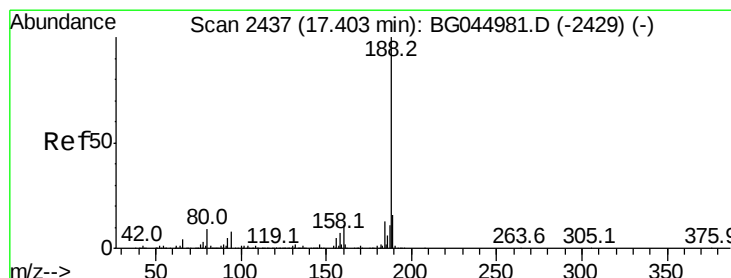
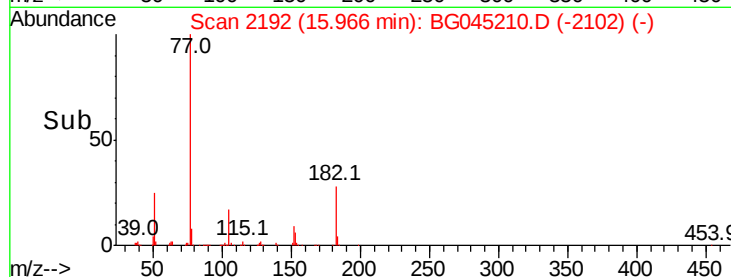
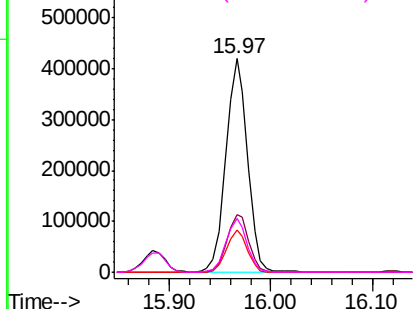
#63
Azobenzene
Concen: 43.512 ng
RT: 15.97 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG045210.D
Acq: 29 Apr 2020 18:19

Instrument :
BNA_G
ClientSampleId :
PB128554BS

Tot Ion:	77	Resp:	615558
Ion	Ratio	Lower	Upper
77	100		
182	27.1	8.4	48.4
105	19.6	0.5	40.5
51	25.1	4.4	44.4

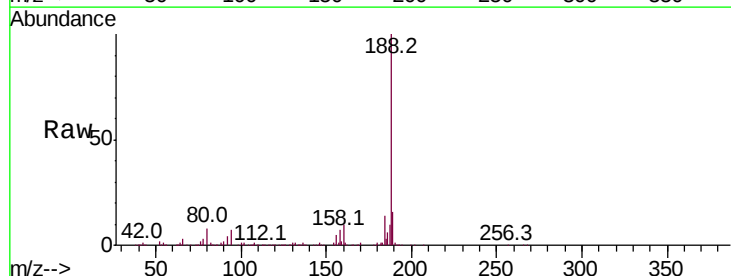


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

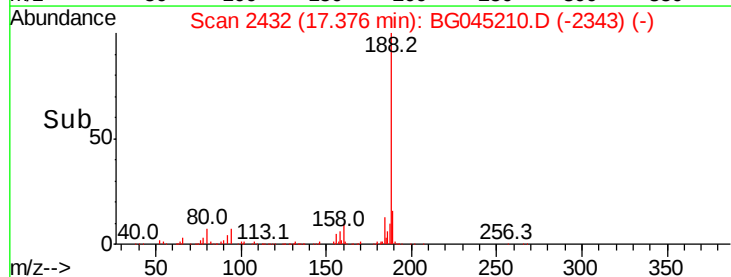
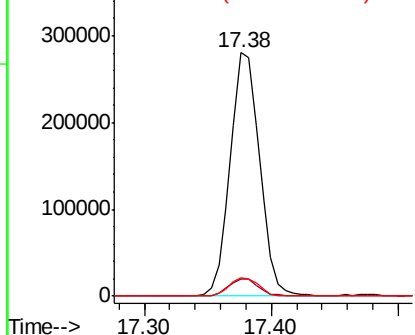


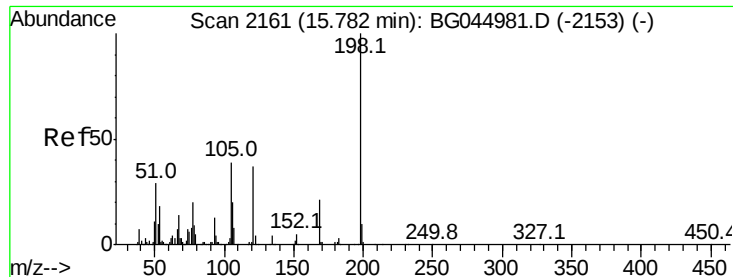
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG045210.D
Acq: 29 Apr 2020 18:19

Tgt Ion:	188	Resp:	451141
Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.2	9.4
80	7.6	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

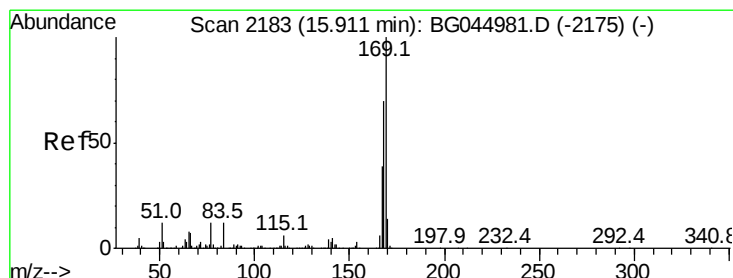
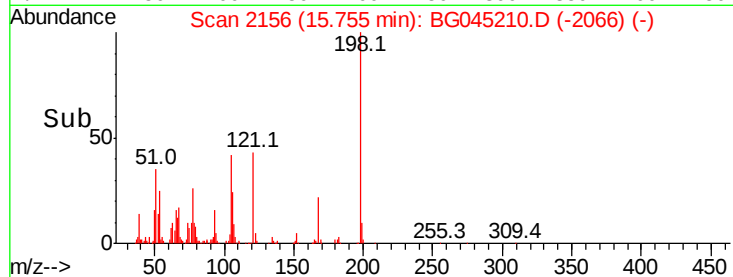
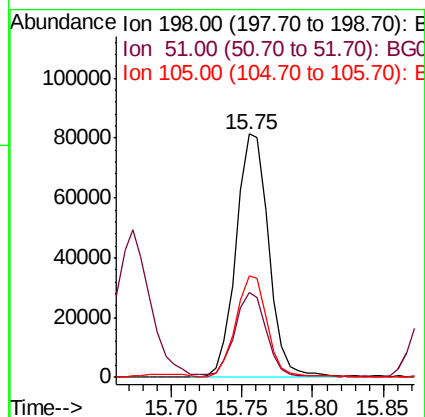
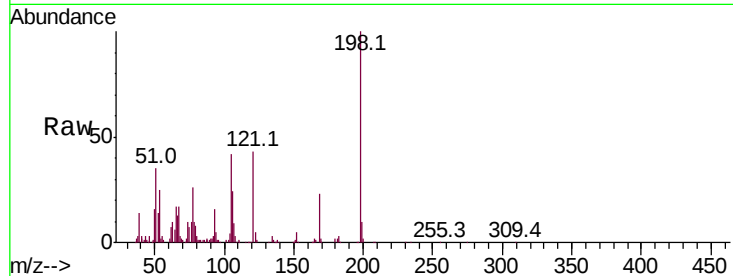




#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.417 ng
 RT: 15.75 min Scan# 2156
 Delta R.T. -0.00 min
 Lab File: BG045210.D
 Acq: 29 Apr 2020 18:19

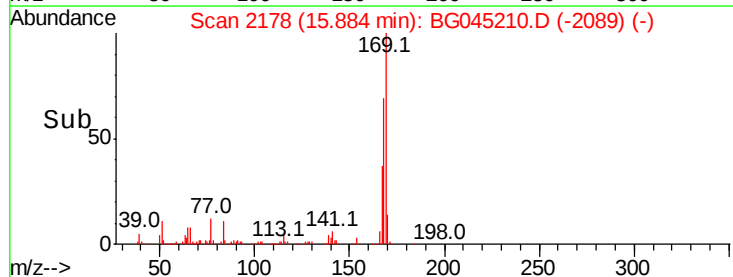
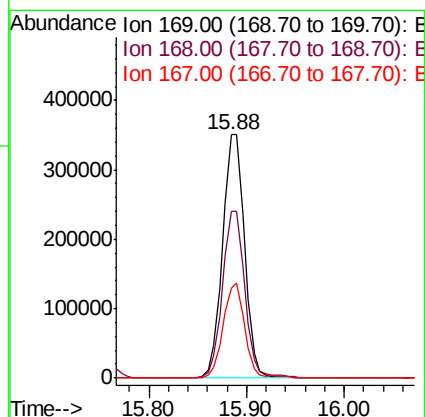
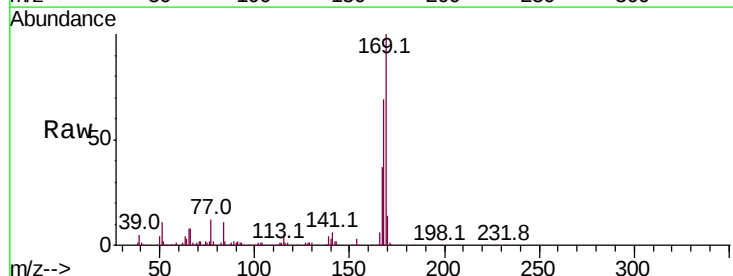
Instrument :
 BNA_G
 ClientSampleId :
 PB128554BS

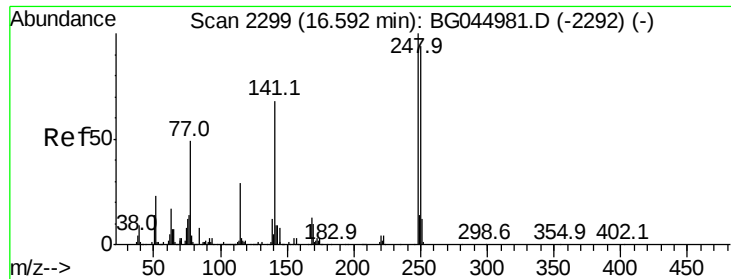
Tot Ion	Ratio	Lower	Upper
198	100		
51	34.9	10.0	50.0
105	41.8	18.9	58.9



#66
 n-Nitrosodiphenylamine
 Concen: 42.381 ng
 RT: 15.88 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BG045210.D
 Acq: 29 Apr 2020 18:19

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.7	55.8	83.8
167	36.9	30.8	46.2

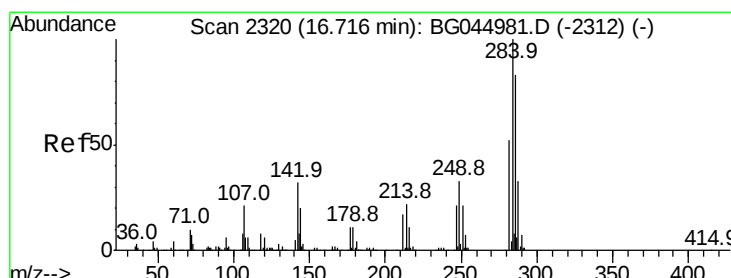
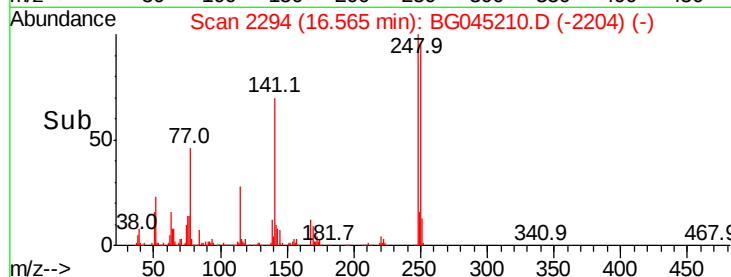
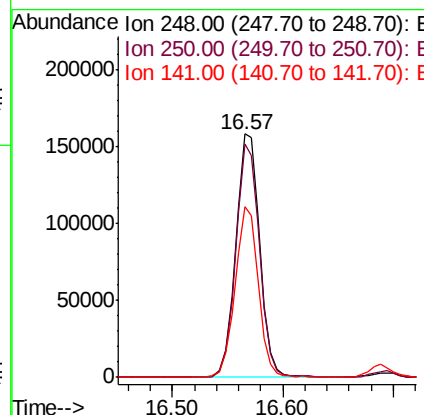
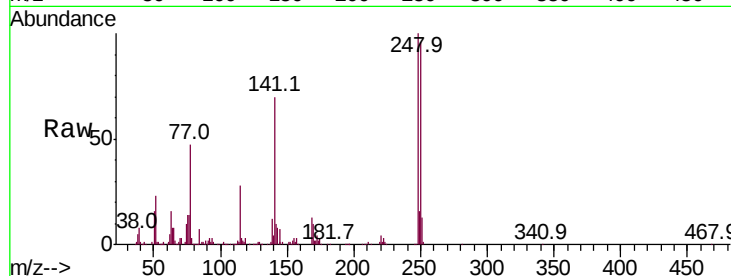




#67
4-Bromophenyl-phenylether
Concen: 41.432 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BG045210.D
Acq: 29 Apr 2020 18:19

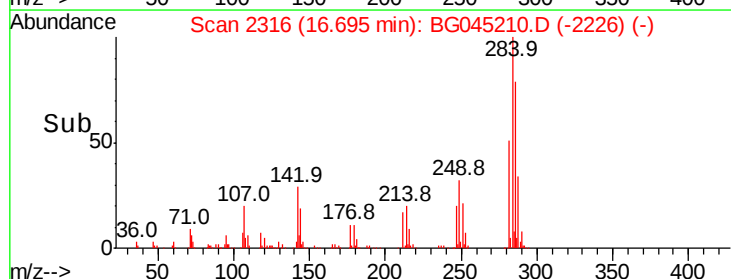
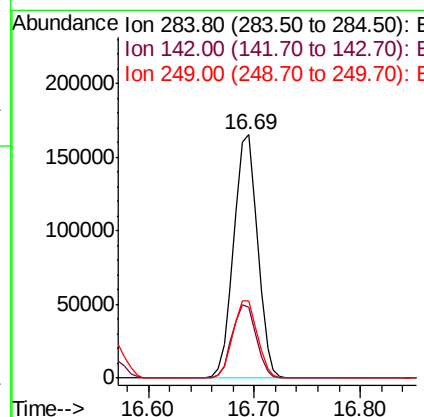
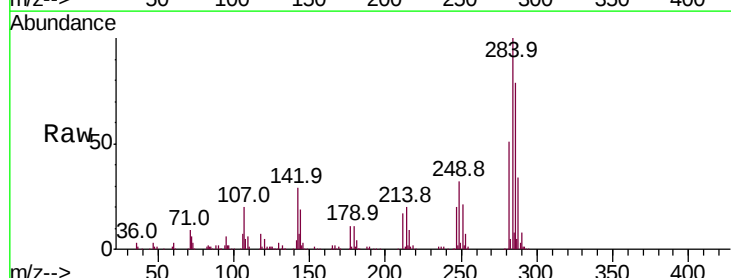
Instrument :
BNA_G
ClientSampleId :
PB128554BS

Tot Ion:248 Resp: 241139
Ion Ratio Lower Upper
248 100
250 95.7 75.4 113.2
141 70.0 54.4 81.6



#68
Hexachlorobenzene
Concen: 42.679 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG045210.D
Acq: 29 Apr 2020 18:19

Tgt Ion:284 Resp: 257613
Ion Ratio Lower Upper
284 100
142 29.1 25.8 38.6
249 31.5 26.6 39.8





#69

Atrazine

Concen: 48.910 ng

RT: 16.84 min Scan# 2340

Delta R.T. -0.00 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

Instrument :

BNA_G

ClientSampleId :

PB128554BS

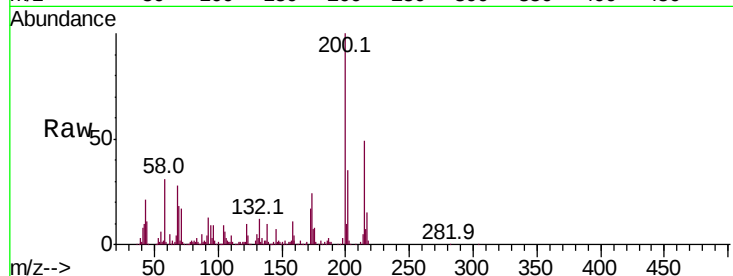
Tot Ion:200 Resp: 229272

Ion Ratio Lower Upper

200 100

173 24.3 4.5 44.5

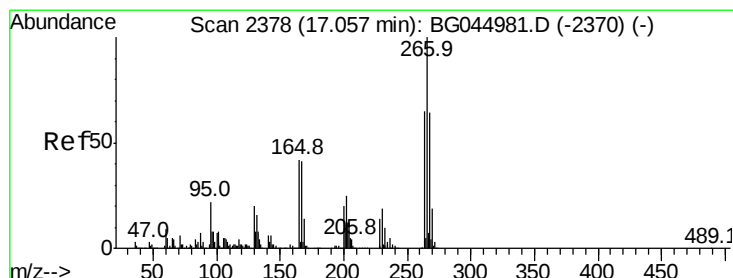
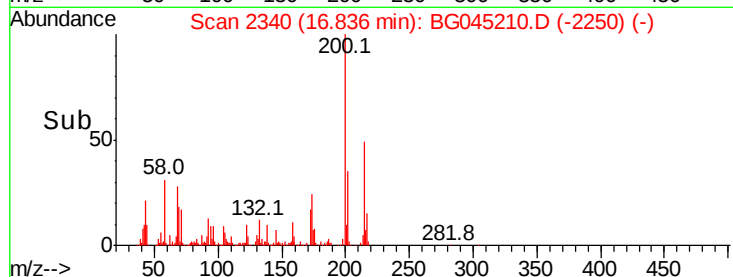
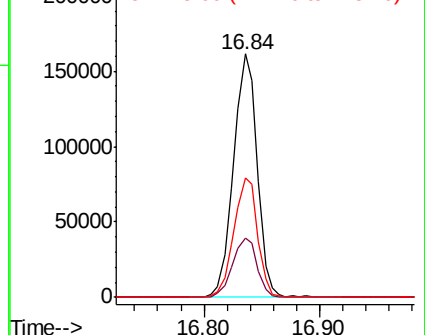
215 48.8 30.0 70.0



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: 85.728 ng

RT: 17.04 min Scan# 2374

Delta R.T. -0.00 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

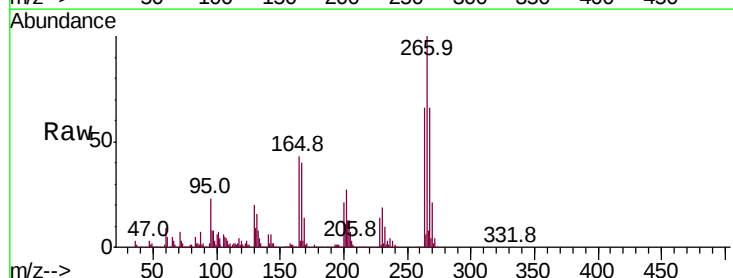
Tgt Ion:266 Resp: 317445

Ion Ratio Lower Upper

266 100

268 65.6 51.5 77.3

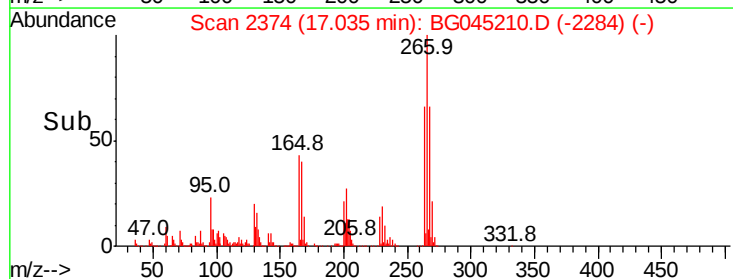
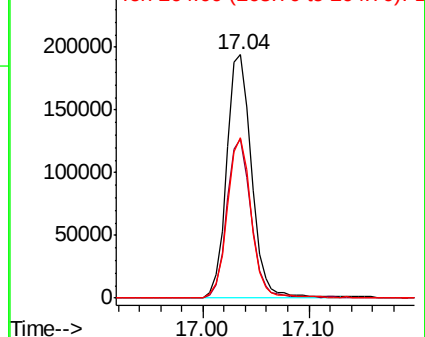
264 65.9 52.2 78.4

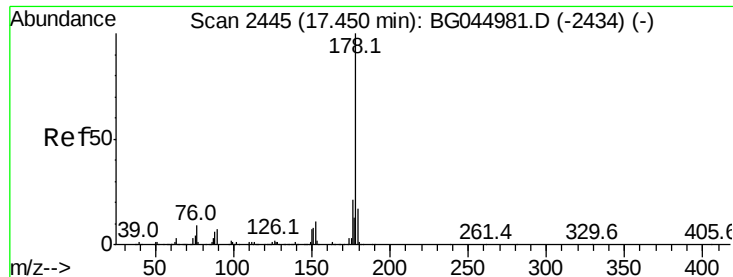


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

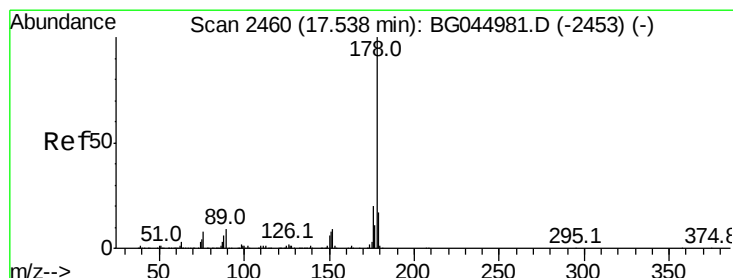
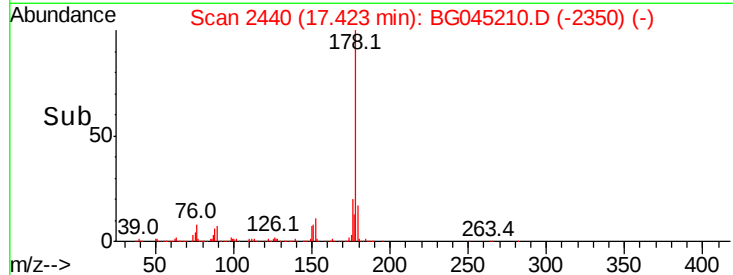
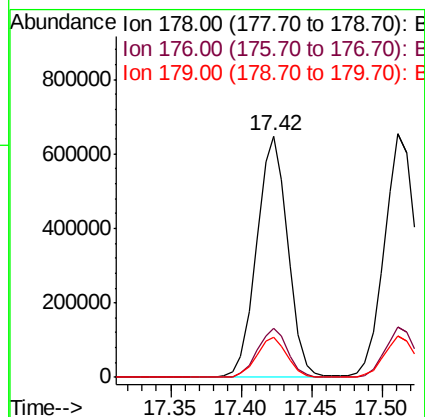
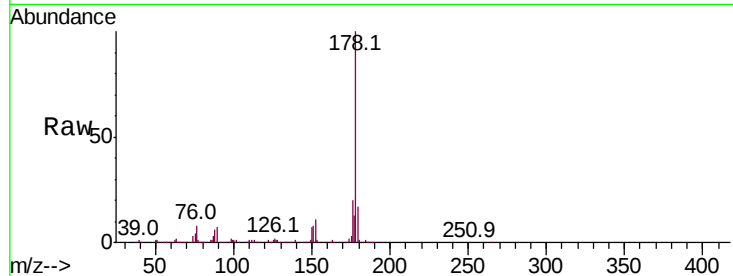




#71
Phenanthrene
Concen: 43.175 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG045210.D
Acq: 29 Apr 2020 18:19

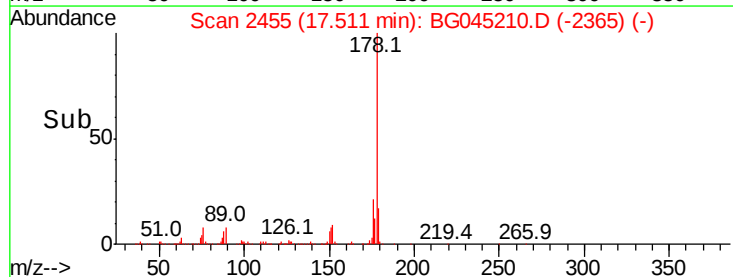
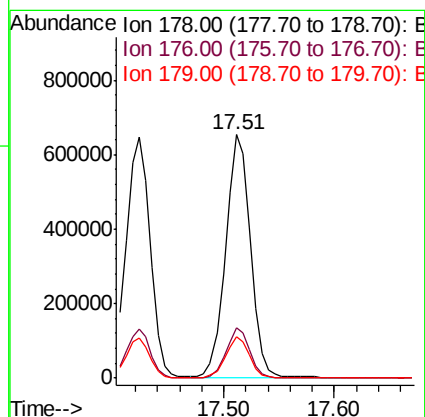
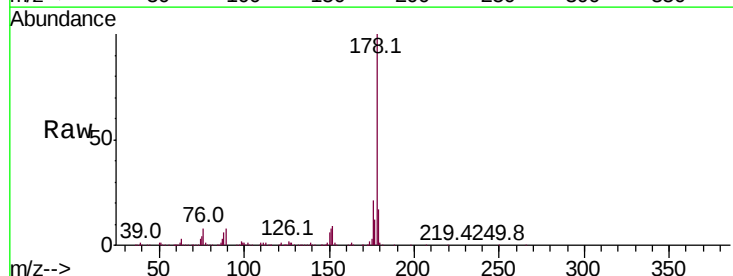
Instrument :
BNA_G
ClientSampleId :
PB128554BS

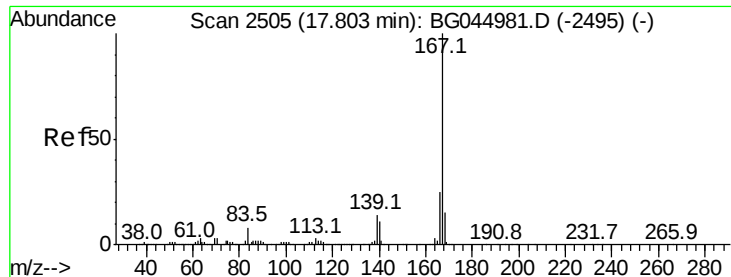
Tot Ion:178 Resp: 1000920
Ion Ratio Lower Upper
178 100
176 20.5 16.8 25.2
179 16.6 13.2 19.8



#72
Anthracene
Concen: 44.162 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.00 min
Lab File: BG045210.D
Acq: 29 Apr 2020 18:19

Tgt Ion:178 Resp: 1026984
Ion Ratio Lower Upper
178 100
176 20.5 16.0 24.0
179 16.9 13.6 20.4





#73

Carbazole

Concen: 40.075 ng

RT: 17.78 min Scan# 2501

Delta R.T. -0.00 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

Instrument :

BNA_G

ClientSampleId :

PB128554BS

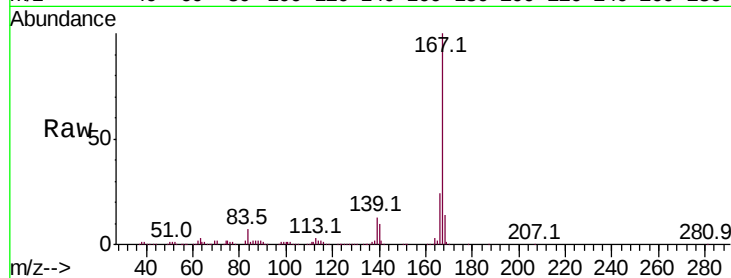
Tot Ion:167 Resp: 945735

Ion Ratio Lower Upper

167 100

166 24.2 19.8 29.6

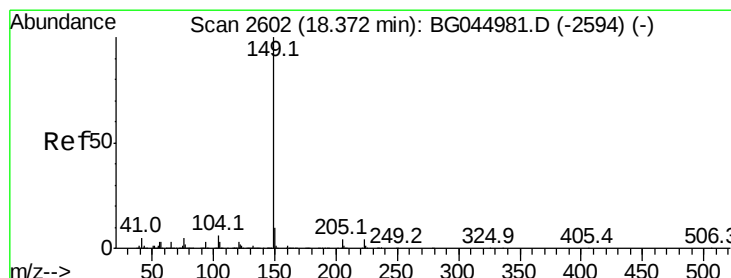
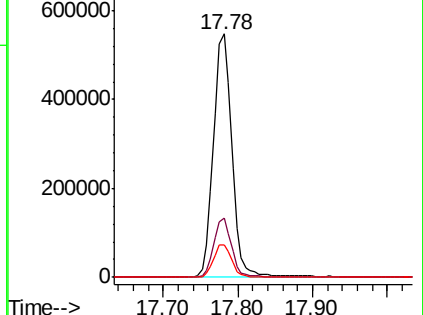
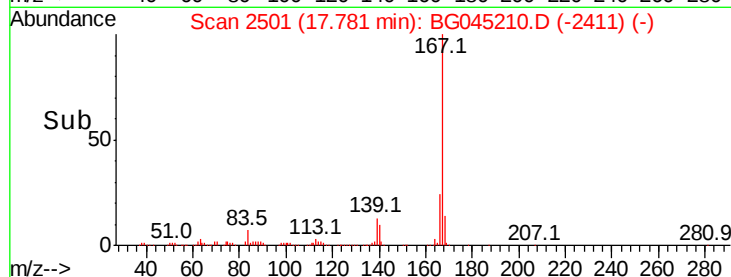
139 13.3 10.9 16.3



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: 43.945 ng

RT: 18.35 min Scan# 2597

Delta R.T. -0.00 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

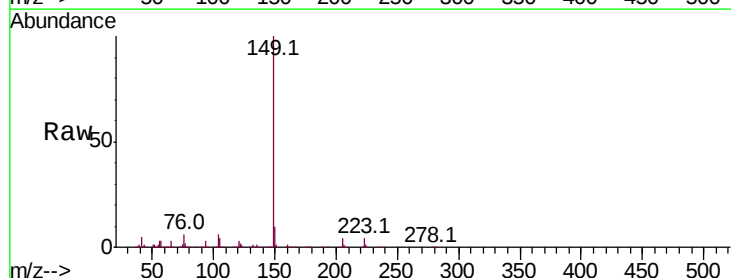
Tgt Ion:149 Resp: 1132561

Ion Ratio Lower Upper

149 100

150 9.8 8.2 12.2

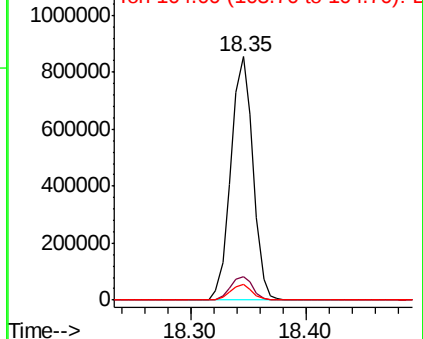
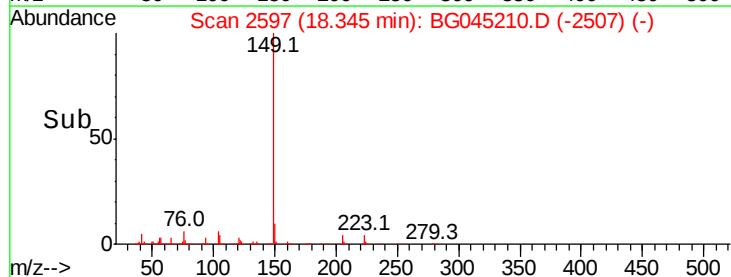
104 6.3 4.8 7.2

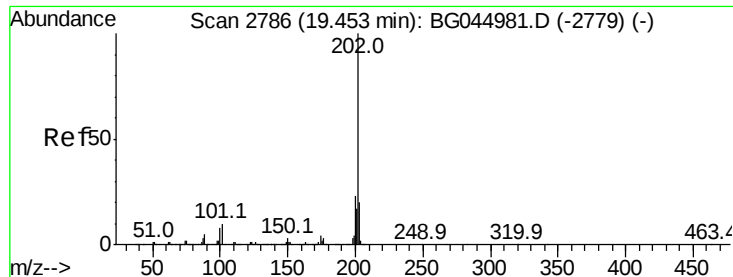


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

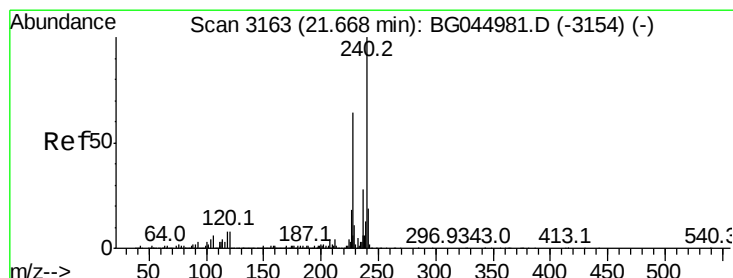
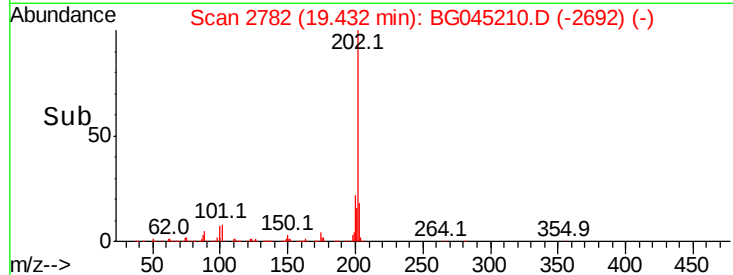
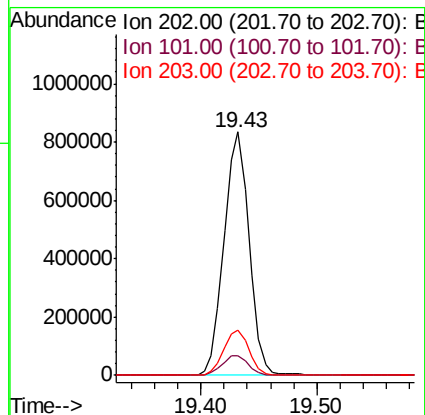
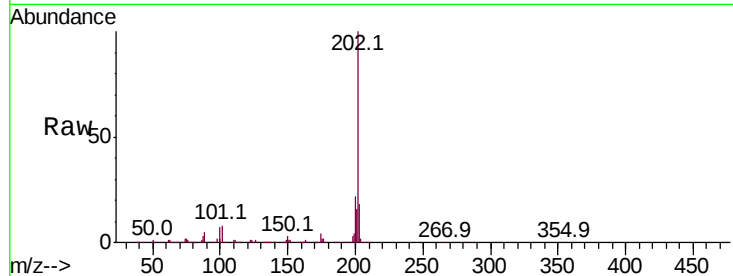




#75
 Fluoranthene
 Concen: 46.387 ng
 RT: 19.43 min Scan# 2782
 Delta R.T. -0.00 min
 Lab File: BG045210.D
 Acq: 29 Apr 2020 18:19

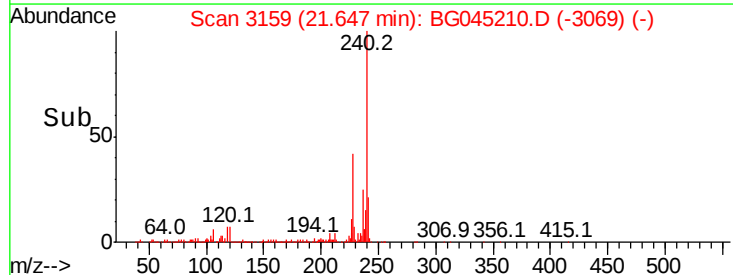
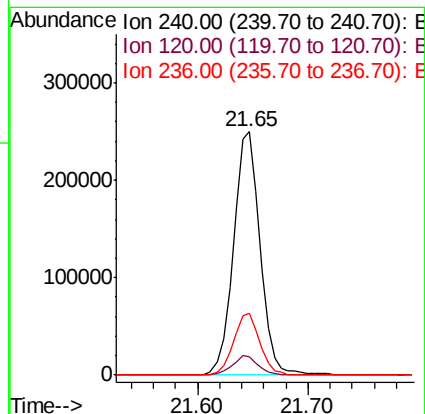
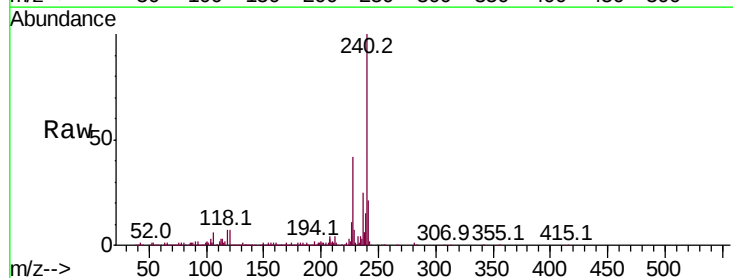
Instrument :
 BNA_G
 ClientSampleId :
 PB128554BS

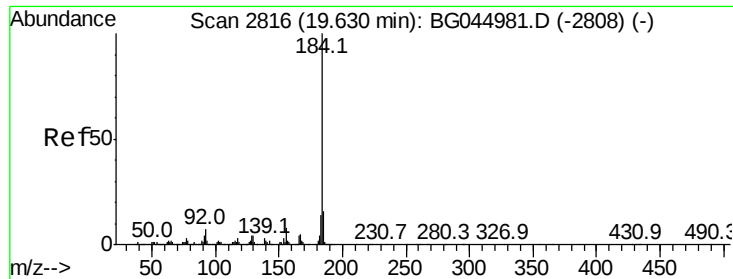
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	29.6
203	18.5	0.0	39.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3159
 Delta R.T. -0.00 min
 Lab File: BG045210.D
 Acq: 29 Apr 2020 18:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.3	6.6	10.0
236	25.4	22.2	33.2





#77

Benzidine

Concen: 50.069 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

Instrument :

BNA_G

ClientSampleId :

PB128554BS

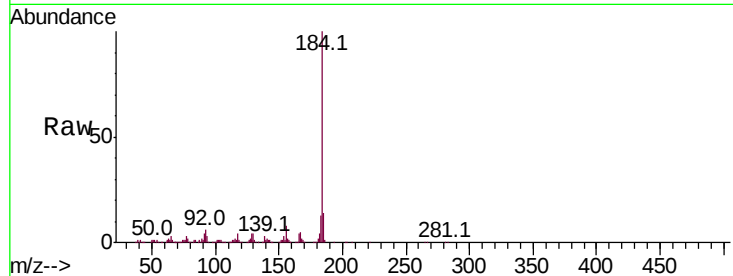
Tot Ion:184 Resp: 602028

Ion Ratio Lower Upper

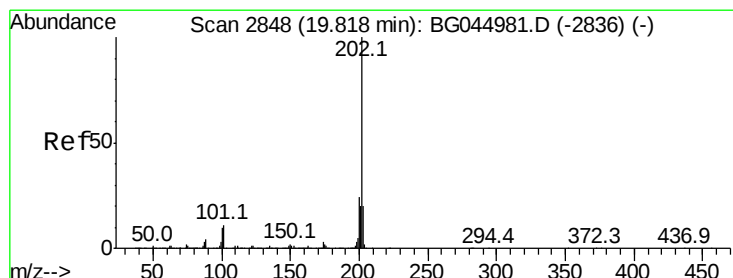
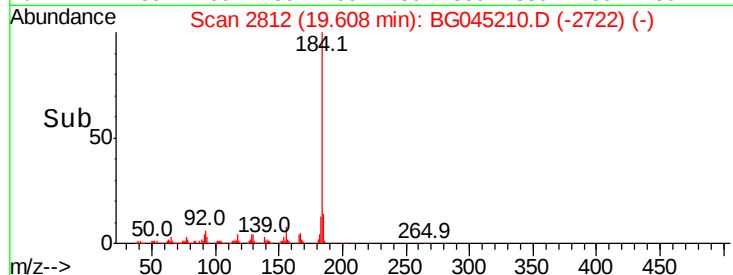
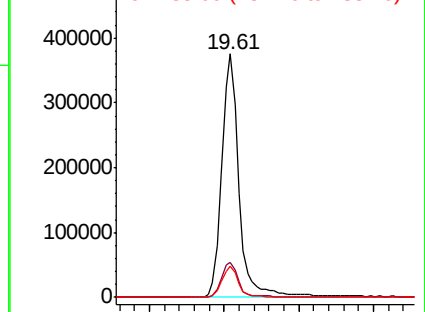
184 100

185 14.3 12.6 19.0

183 12.7 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: 42.610 ng

RT: 19.79 min Scan# 2843

Delta R.T. -0.00 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

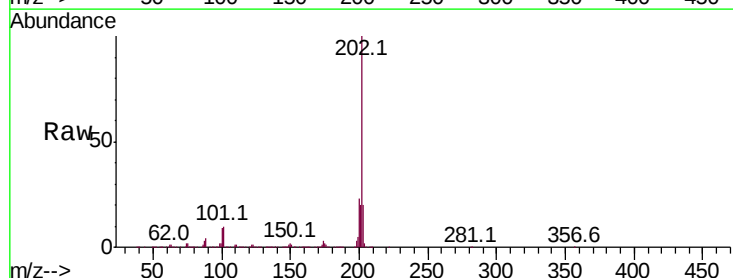
Tgt Ion:202 Resp: 1236046

Ion Ratio Lower Upper

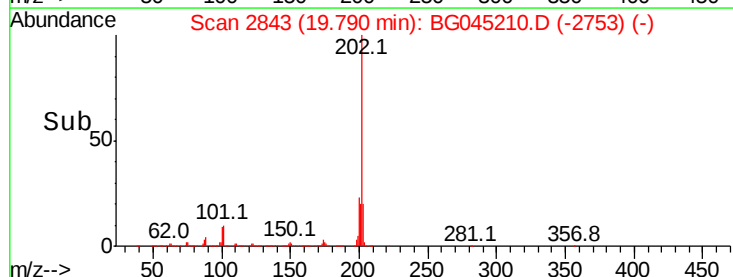
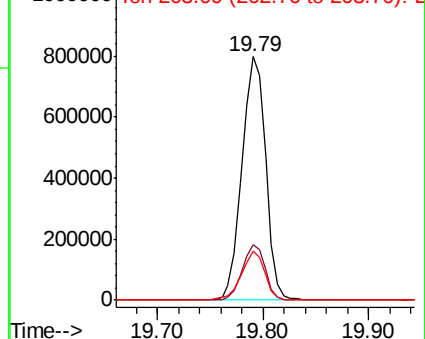
202 100

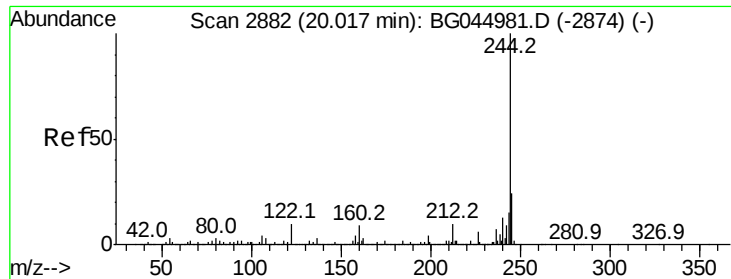
200 22.8 19.0 28.6

203 20.0 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: 95.345 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

Instrument :

BNA_G

ClientSampleId :

PB128554BS

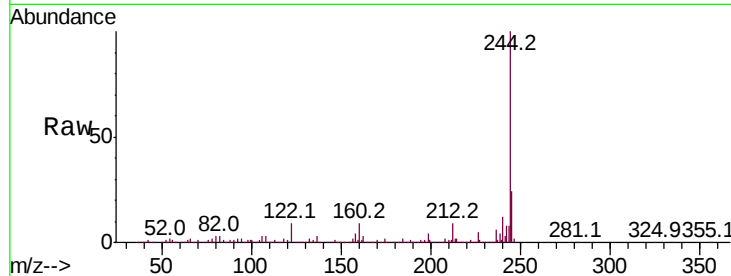
Tot Ion:244 Resp: 1840670

Ion Ratio Lower Upper

244 100

212 9.5 7.9 11.9

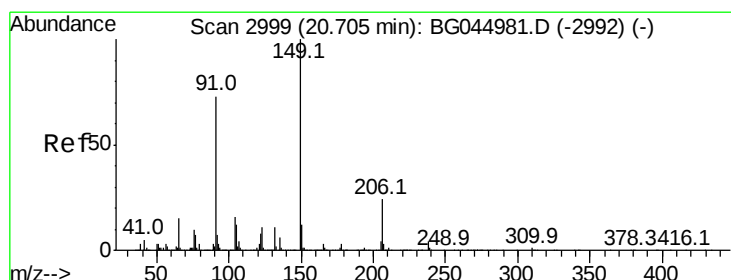
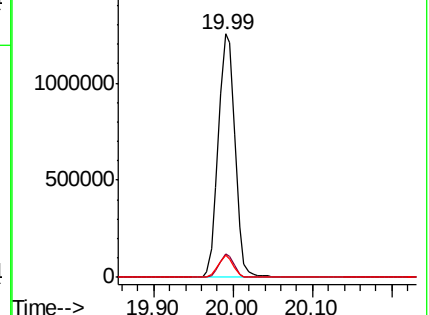
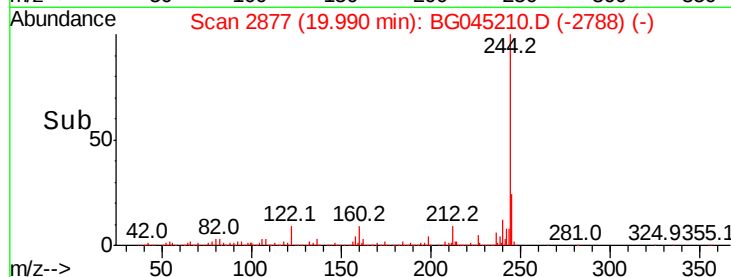
122 9.0 7.7 11.5



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: 41.610 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

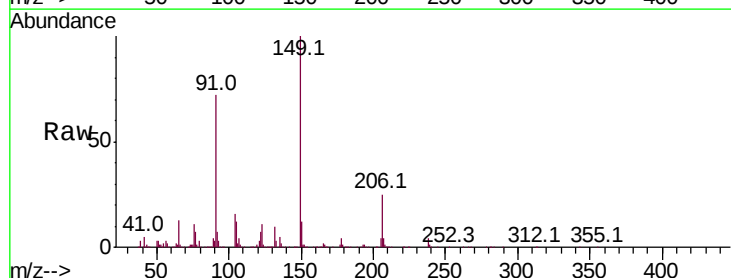
Tgt Ion:149 Resp: 500332

Ion Ratio Lower Upper

149 100

91 72.2 58.5 87.7

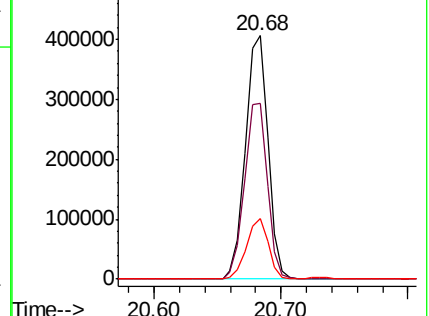
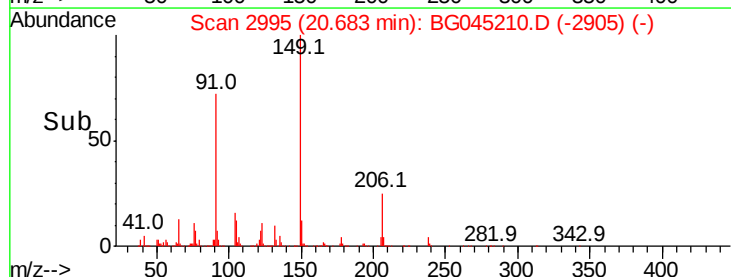
206 24.8 19.2 28.8

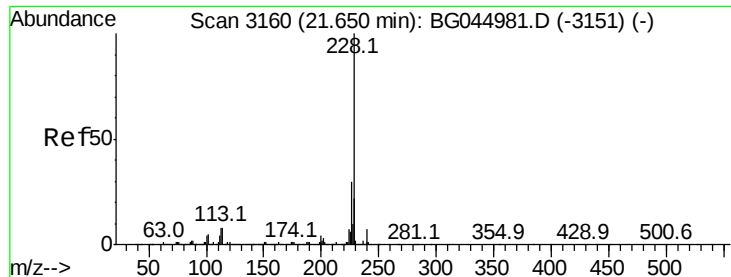


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.425 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

Instrument :

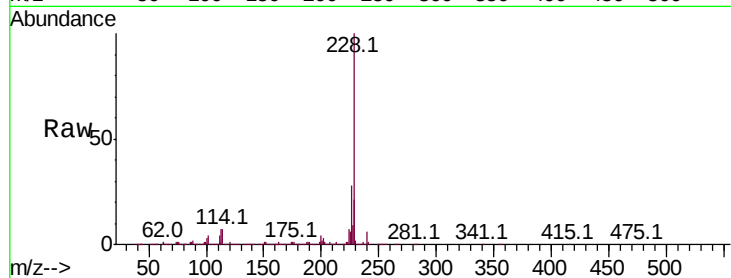
BNA_G

ClientSampleId :

PB128554BS

Tot Ion:228 Resp: 1184284

Ion	Ratio	Lower	Upper
228	100		
226	28.0	24.0	36.0
229	20.7	17.5	26.3

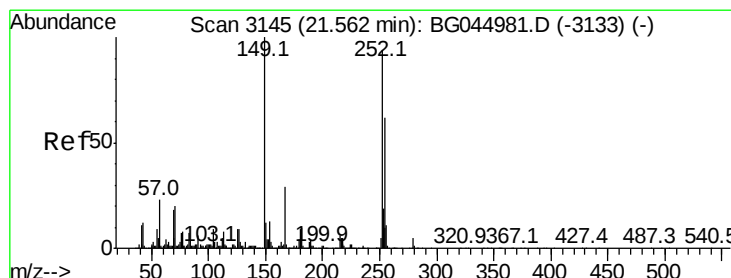
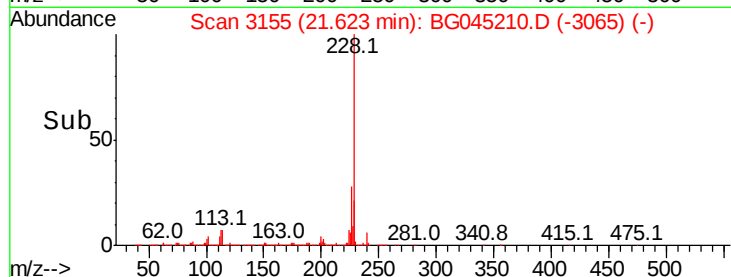
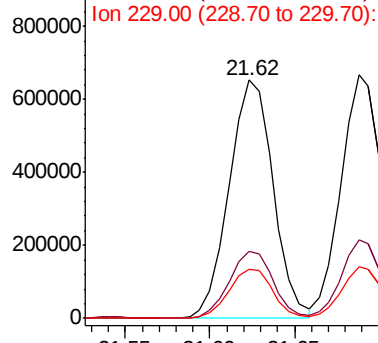


Abundance

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: 27.741 ng

RT: 21.54 min Scan# 3141

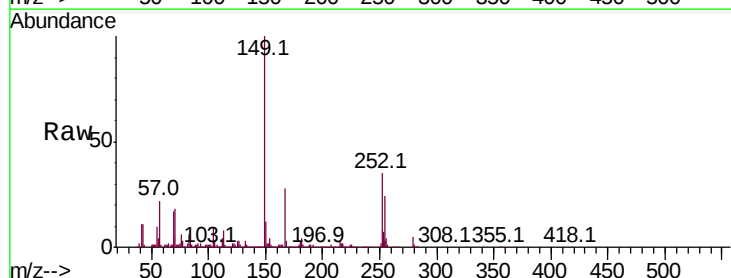
Delta R.T. -0.00 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

Tgt Ion:252 Resp: 301124

Ion	Ratio	Lower	Upper
252	100		
254	68.7	52.6	79.0
126	8.8	7.5	11.3

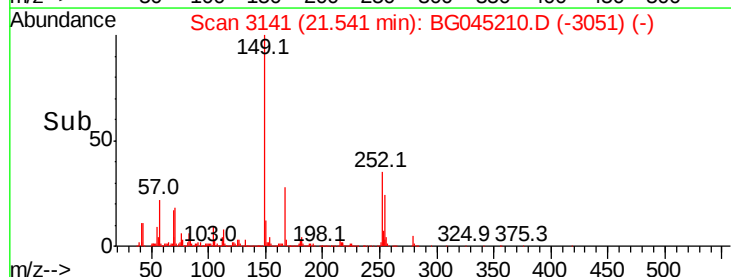
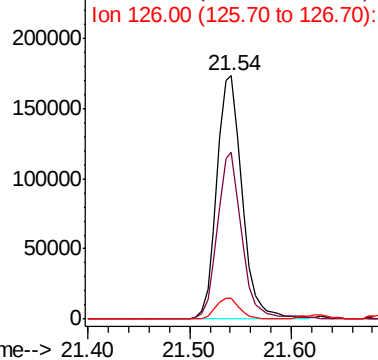


Abundance

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: 43.801 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

Instrument :

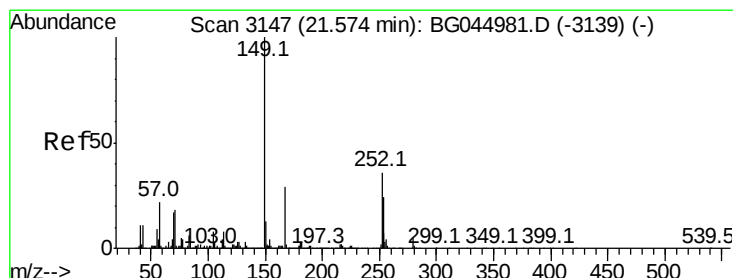
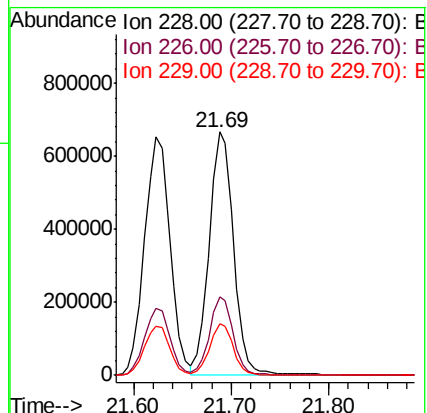
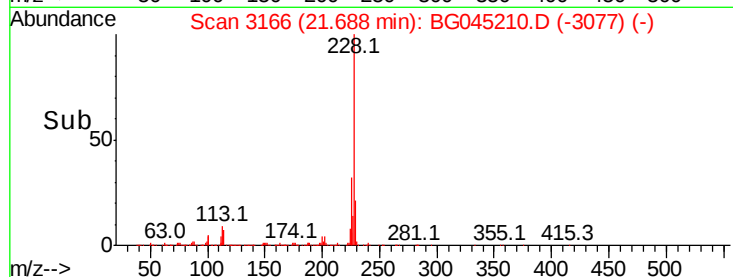
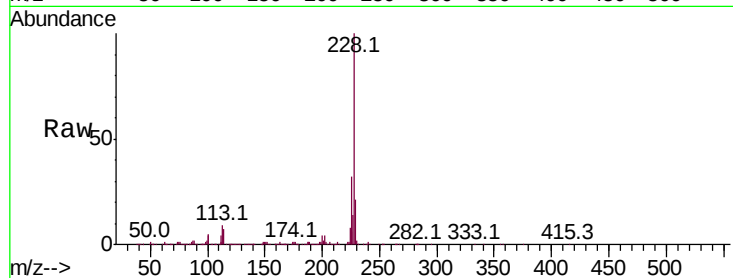
BNA_G

ClientSampleId :

PB128554BS

Tot Ion:228 Resp: 1147728

Ion	Ratio	Lower	Upper
228	100		
226	32.0	26.2	39.4
229	21.2	17.0	25.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.699 ng

RT: 21.54 min Scan# 3141

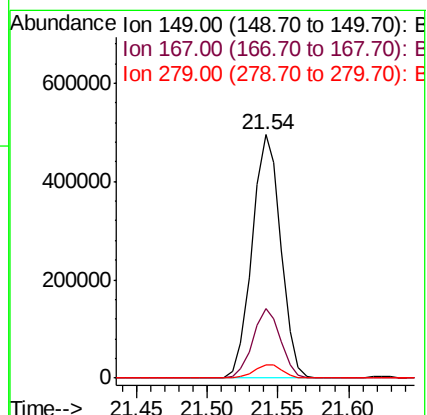
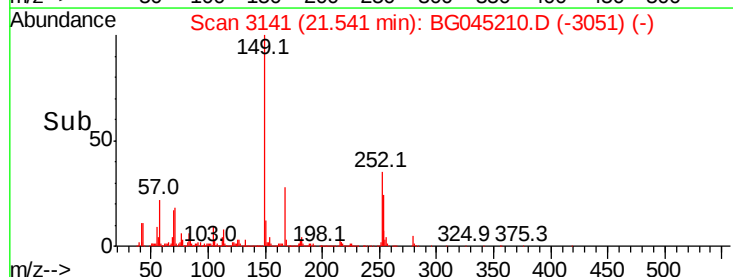
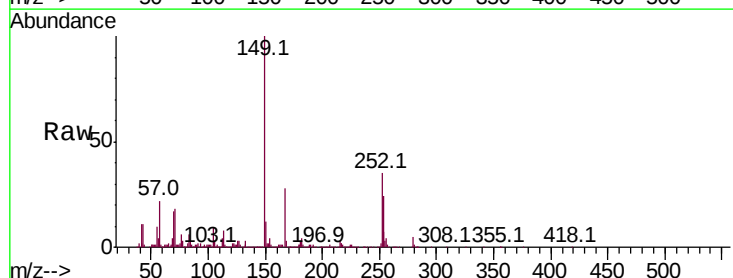
Delta R.T. -0.00 min

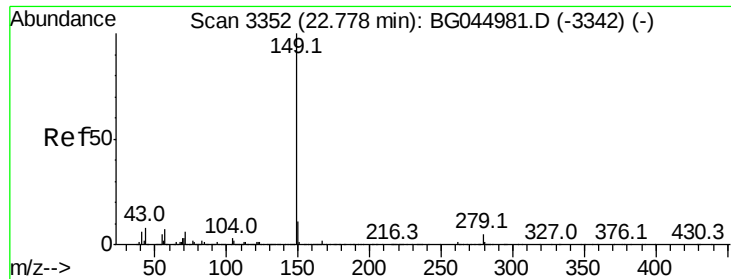
Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

Tgt Ion:149 Resp: 706145

Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.4	35.0
279	5.3	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 43.010 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

Instrument :

BNA_G

ClientSampleId :

PB128554BS

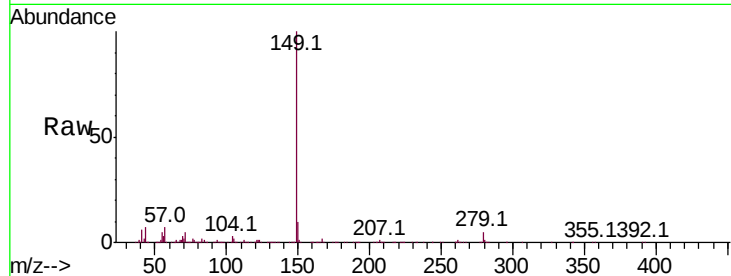
Tot Ion:149 Resp: 1230000

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

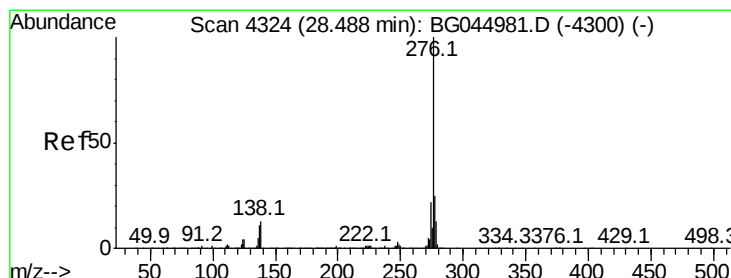
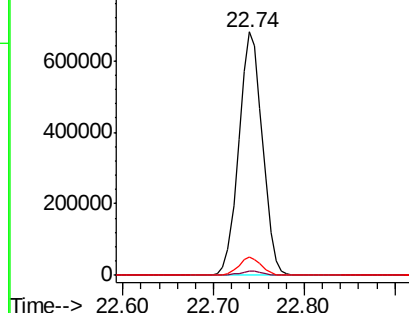
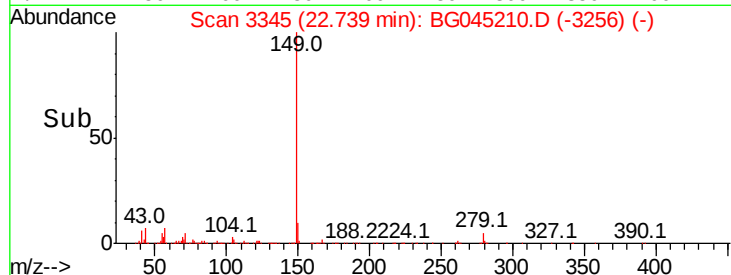
43 7.1 5.7 8.5



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: 44.275 ng

RT: 28.43 min Scan# 4313

Delta R.T. -0.01 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

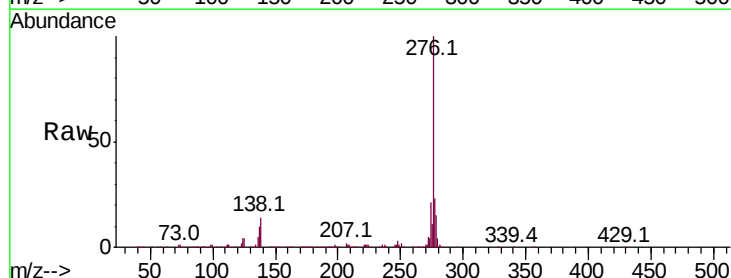
Tgt Ion:276 Resp: 1540317

Ion Ratio Lower Upper

276 100

138 11.3 9.6 14.4

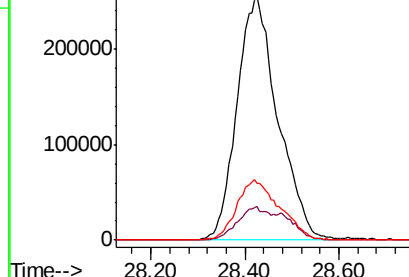
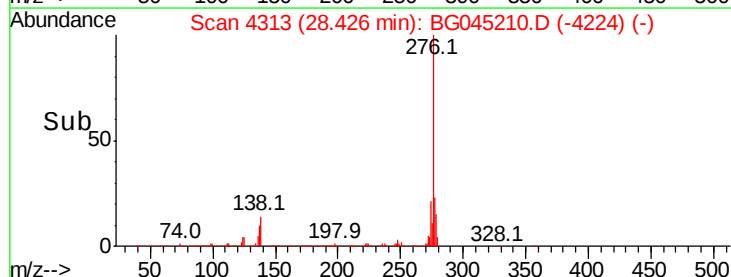
277 26.1 20.6 31.0

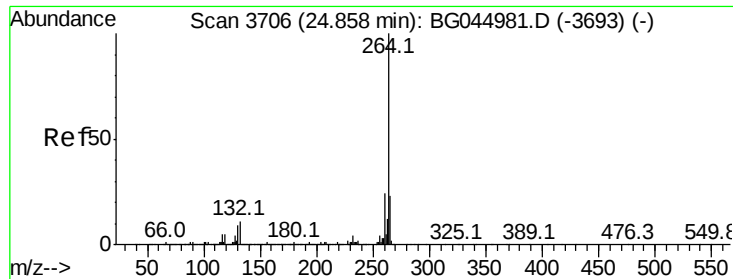


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.81 min Scan# 3698

Delta R.T. -0.01 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

Instrument :

BNA_G

ClientSampleId :

PB128554BS

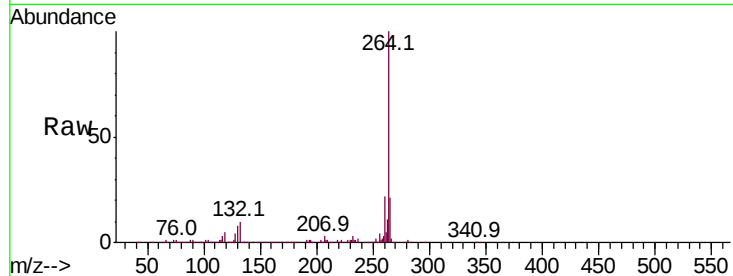
Tot Ion:264 Resp: 475814

Ion Ratio Lower Upper

264 100

260 22.2 19.2 28.8

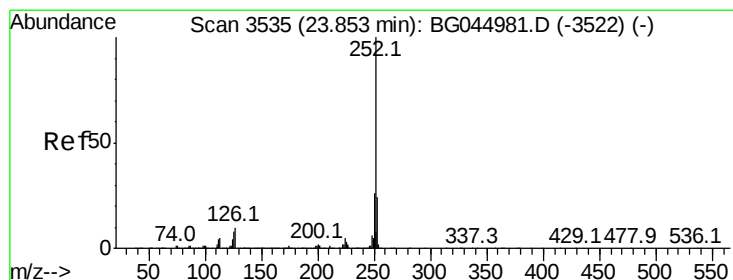
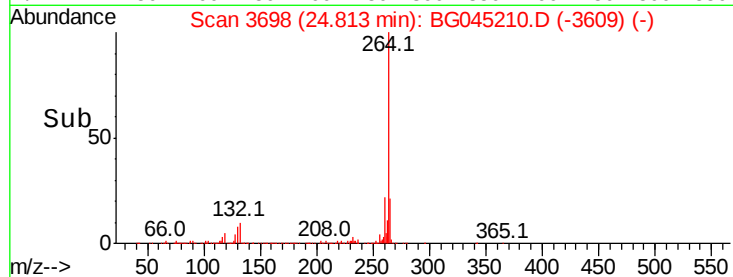
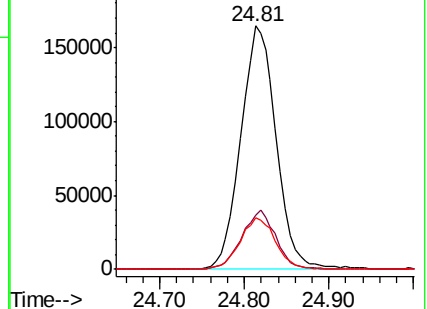
265 21.0 19.0 28.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.375 ng

RT: 23.81 min Scan# 3528

Delta R.T. -0.00 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

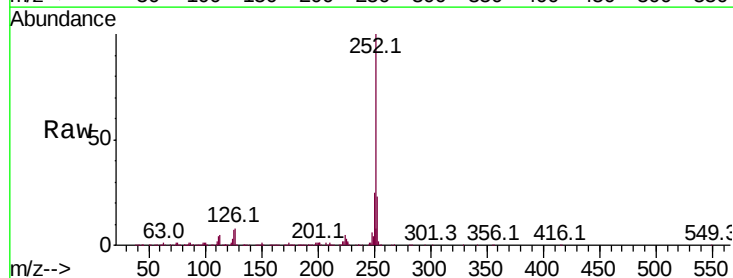
Tgt Ion:252 Resp: 1322593

Ion Ratio Lower Upper

252 100

253 22.9 18.8 28.2

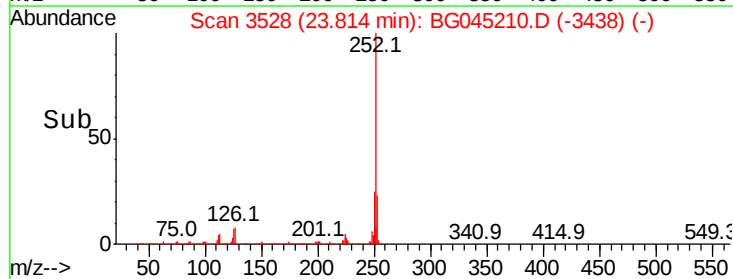
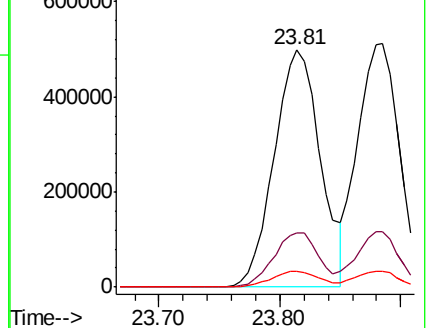
125 6.9 6.2 9.4

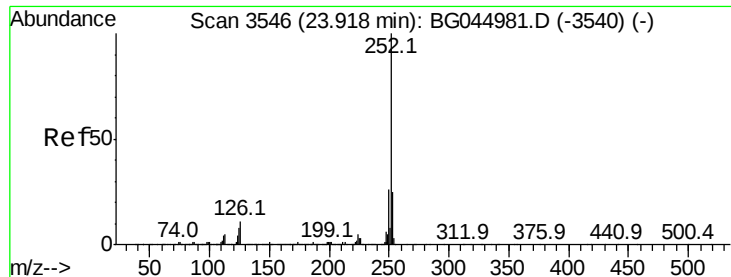


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.777 ng

RT: 23.88 min Scan# 3540

Delta R.T. -0.00 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

Instrument :

BNA_G

ClientSampleId :

PB128554BS

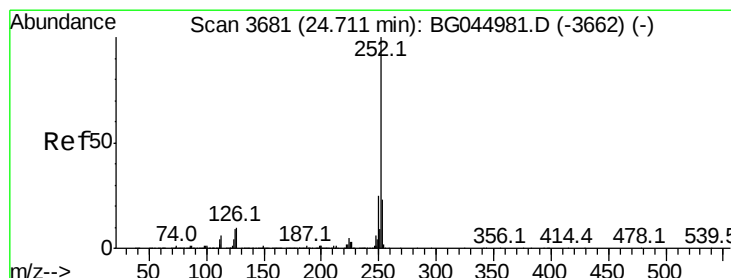
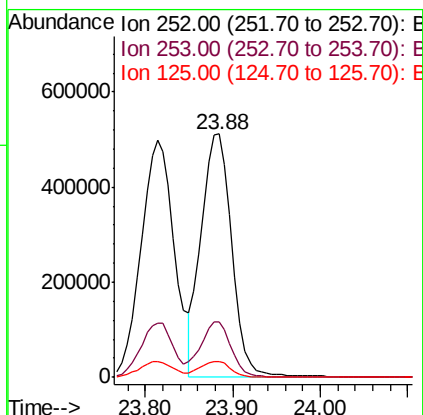
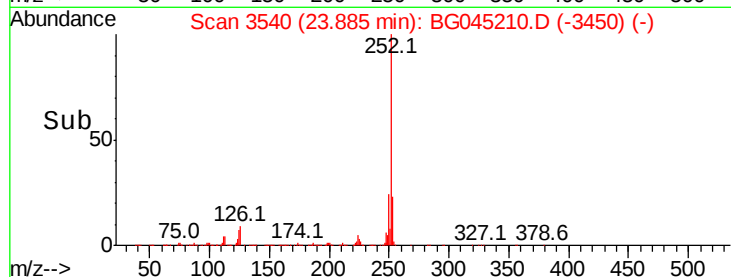
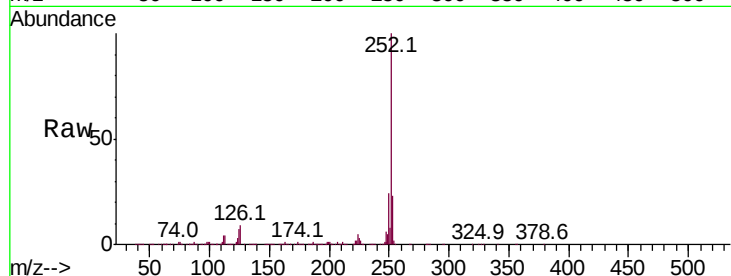
Tot Ion:252 Resp: 1240823

Ion Ratio Lower Upper

252 100

253 22.9 19.2 28.8

125 6.6 5.9 8.9



#90

Benzo(a)pyrene

Concen: 42.465 ng

RT: 24.67 min Scan# 3674

Delta R.T. -0.00 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

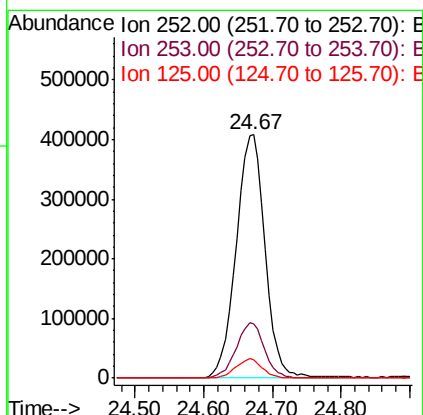
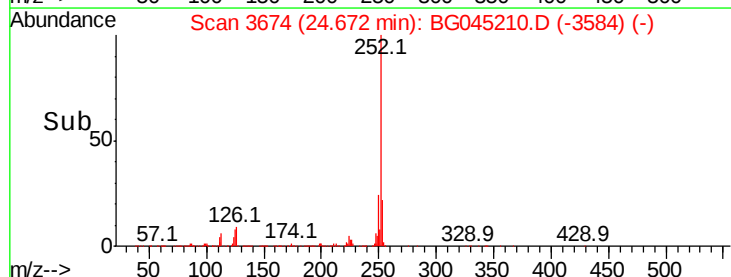
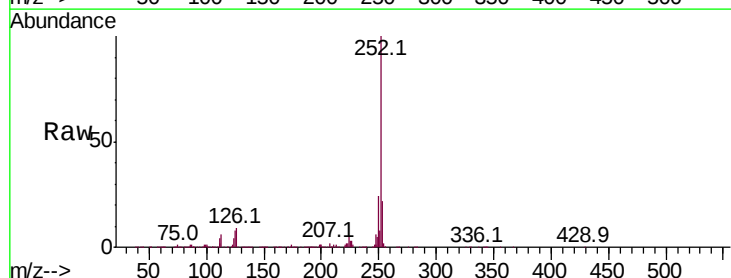
Tgt Ion:252 Resp: 1194974

Ion Ratio Lower Upper

252 100

253 22.3 18.3 27.5

125 7.6 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 43.957 ng

RT: 28.49 min Scan# 4324

Delta R.T. 0.01 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

Instrument :

BNA_G

ClientSampleId :

PB128554BS

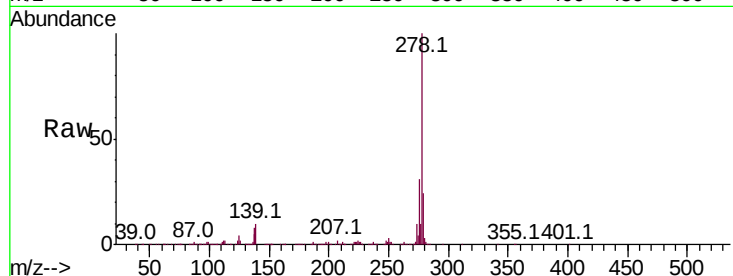
Tot Ion:278 Resp: 1246429

Ion Ratio Lower Upper

278 100

139 10.0 9.0 13.6

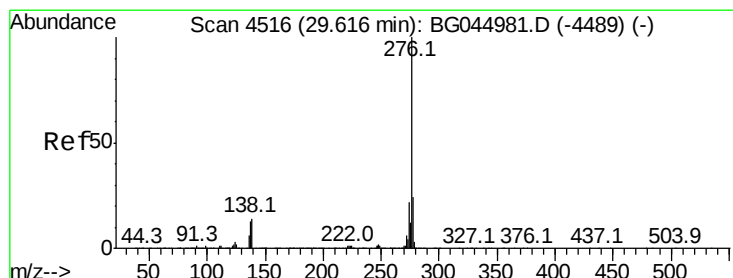
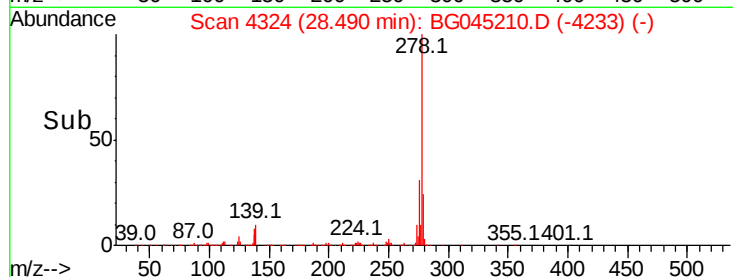
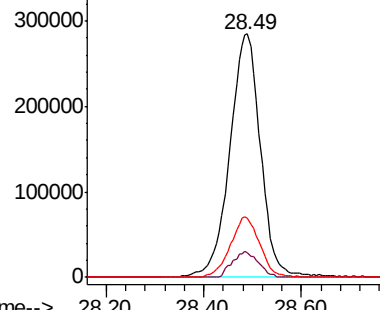
279 24.4 18.4 27.6



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: 44.556 ng

RT: 29.54 min Scan# 4503

Delta R.T. -0.01 min

Lab File: BG045210.D

Acq: 29 Apr 2020 18:19

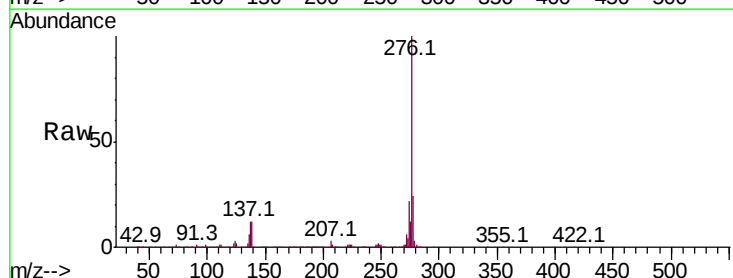
Tgt Ion:276 Resp: 1266646

Ion Ratio Lower Upper

276 100

277 23.7 19.3 28.9

138 12.4 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

