

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG091720\
 Data File : BG046665.D
 Acq On : 17 Sep 2020 17:50
 Operator : CG/JU
 Sample : PB131690BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131690BSD

Quant Time: Sep 17 18:47:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 17 14:27:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	55309	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	244134	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	182213	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	447391	20.00	ng	0.00
76) Chrysene-d12	21.54	240	448023	20.00	ng	0.00
86) Perylene-d12	24.64	264	441059	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	337104	107.95	ng	0.00
7) Phenol-d6	7.10	99	460566	104.04	ng	0.00
23) Nitrobenzene-d5	9.08	82	288923	67.64	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	232201	94.05	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	805942	67.52	ng	0.00
79) Terphenyl-d14	19.91	244	1350213	64.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	59466	45.773	ng	98
3) Pyridine	3.80	79	85474	22.487	ng	99
4) n-Nitrosodimethylamine	3.72	42	50283	35.867	ng	92
6) Aniline	7.24	93	190765	38.295	ng	98
8) 2-Chlorophenol	7.49	128	145757	44.163	ng	96
9) Benzaldehyde	7.06	77	89034	35.899	ng	97
10) Phenol	7.12	94	186248	45.680	ng	99
11) bis(2-Chloroethyl)ether	7.34	93	126315	38.542	ng	97
12) 1,3-Dichlorobenzene	7.81	146	148059	35.334	ng	99
13) 1,4-Dichlorobenzene	7.96	146	149484	35.634	ng	98
14) 1,2-Dichlorobenzene	8.28	146	150934	37.524	ng	94
15) Benzyl Alcohol	8.16	79	129281	45.488	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.45	45	192656	37.898	ng	99
17) 2-Methylphenol	8.37	107	132443	45.803	ng	97
18) Hexachloroethane	9.00	117	48613	34.177	ng	98
19) n-Nitroso-di-n-propylamine	8.72	70	111182	41.988	ng	99
20) 3+4-Methylphenols	8.70	107	184195	46.151	ng	99
22) Acetophenone	8.74	105	213697	35.959	ng	98
24) Nitrobenzene	9.12	77	155875	36.938	ng	95
25) Isophorone	9.64	82	314585	40.171	ng	99
26) 2-Nitrophenol	9.83	139	87265	39.194	ng	99
27) 2,4-Dimethylphenol	9.90	122	145292	47.446	ng	97
28) bis(2-Chloroethoxy)methane	10.12	93	189380	37.572	ng	100
29) 2,4-Dichlorophenol	10.37	162	170217	41.697	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	165796	34.230	ng	96
31) Naphthalene	10.77	128	443285	37.188	ng	99
32) Benzoic acid	10.06	122	46560	25.656	ng	95
33) 4-Chloroaniline	10.88	127	158712	30.195	ng	97
34) Hexachlorobutadiene	11.06	225	103556	32.935	ng	99
35) Caprolactam	11.64	113	33939	22.241	ng	96
36) 4-Chloro-3-methylphenol	12.01	107	173457	43.444	ng	98
37) 2-Methylnaphthalene	12.38	142	368383	39.185	ng	100
38) 1-Methylnaphthalene	12.59	142	350920	39.407	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	216876	36.094	ng	99

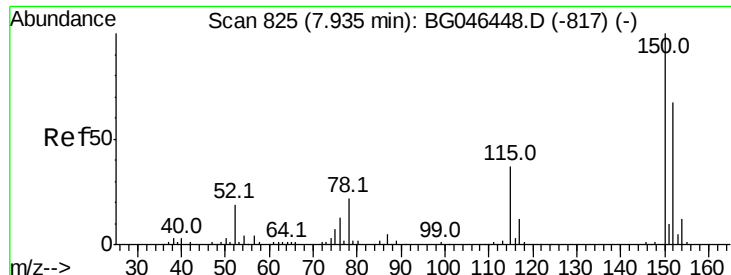
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG091720\
 Data File : BG046665.D
 Acq On : 17 Sep 2020 17:50
 Operator : CG/JU
 Sample : PB131690BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131690BSD

Quant Time: Sep 17 18:47:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 17 14:27:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	213220	81.608	nq	98
43) 2,4,6-Trichlorophenol	12.99	196	152326	37.566	nq	96
44) 2,4,5-Trichlorophenol	13.06	196	166885	39.172	nq	98
46) 1,1'-Biphenyl	13.39	154	489276	38.594	nq	99
47) 2-Chloronaphthalene	13.43	162	382042	35.543	nq	99
48) 2-Nitroaniline	13.63	65	113957	38.181	nq	98
49) Acenaphthylene	14.27	152	636045	39.010	nq	99
50) Dimethylphthalate	14.01	163	536002	38.023	nq	99
51) 2,6-Dinitrotoluene	14.13	165	122675	39.478	nq	96
52) Acenaphthene	14.62	154	373356	36.952	nq	97
53) 3-Nitroaniline	14.46	138	98860	29.370	nq	100
54) 2,4-Dinitrophenol	14.67	184	152741	84.209	nq	93
55) Dibenzofuran	14.95	168	627342	38.689	nq	98
56) 4-Nitrophenol	14.78	139	195089	78.753	nq	97
57) 2,4-Dinitrotoluene	14.92	165	173982	39.266	nq	99
58) Fluorene	15.60	166	521479	38.318	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	166064	40.140	nq	100
60) Diethylphthalate	15.37	149	531230	38.651	nq	98
61) 4-Chlorophenyl-phenylether	15.59	204	284298	37.931	nq	99
62) 4-Nitroaniline	15.62	138	125350	35.294	nq	99
63) Azobenzene	15.88	77	441886	39.524	nq	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	112692	44.503	nq	94
66) n-Nitrosodiphenylamine	15.81	169	481616	39.903	nq	100
67) 4-Bromophenyl-phenylether	16.49	248	201279	38.562	nq	99
68) Hexachlorobenzene	16.61	284	209990	36.326	nq	99
69) Atrazine	16.76	200	177566	36.062	nq	99
70) Pentachlorophenol	16.96	266	229543	76.001	nq	97
71) Phenanthrene	17.34	178	865438	38.164	nq	99
72) Anthracene	17.43	178	891804	39.859	nq	99
73) Carbazole	17.70	167	810233	38.355	nq	99
74) Di-n-butylphthalate	18.26	149	916174	37.717	nq	99
75) Fluoranthene	19.35	202	1093871	37.483	nq	100
77) Benzidine	19.53	184	534125	51.305	nq	100
78) Pyrene	19.71	202	1090750	38.232	nq	100
80) Butylbenzylphthalate	20.60	149	412724	37.088	nq	98
81) Benzo(a)anthracene	21.53	228	1058433	37.902	nq	100
82) 3,3'-Dichlorobenzidine	21.44	252	338486	32.662	nq	98
83) Chrysene	21.59	228	1012225	37.683	nq	98
84) Bis(2-ethylhexyl)phthalate	21.44	149	578853	38.117	nq	99
85) Di-n-octyl phthalate	22.61	149	1014623	39.019	nq	100
87) Indeno(1,2,3-cd)pyrene	28.16	276	1244925	39.300	nq	99
88) Benzo(b)fluoranthene	23.66	252	1067644	38.767	nq	99
89) Benzo(k)fluoranthene	23.73	252	1066485	40.069	nq	100
90) Benzo(a)pyrene	24.50	252	997695	38.819	nq	100
91) Dibenzo(a,h)anthracene	28.20	278	1028917	40.250	nq	99
92) Benzo(g,h,i)perylene	29.25	276	1048775	41.085	nq	98

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

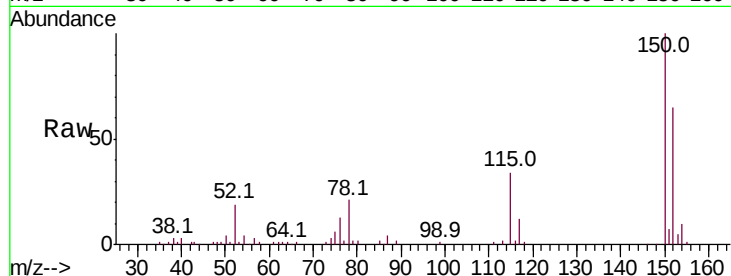


#1

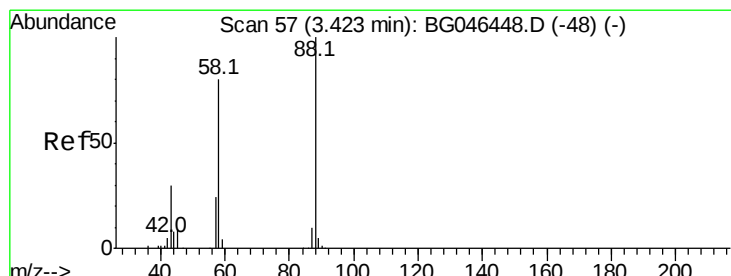
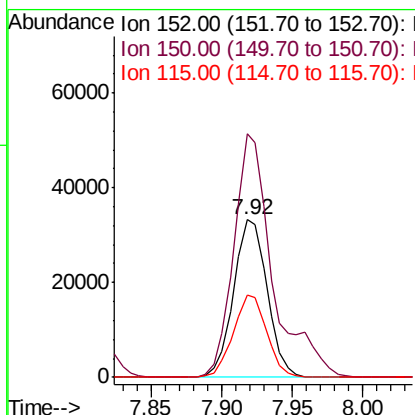
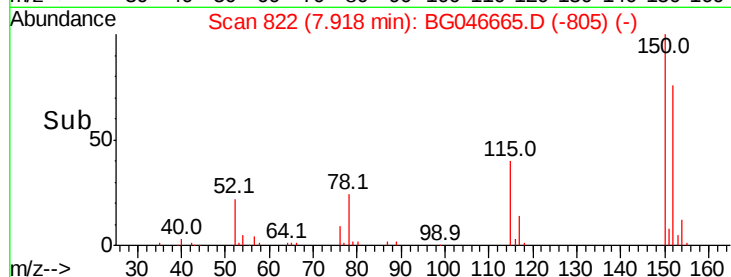
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG046665.D
Acq: 17 Sep 2020 17:50

Instrument :
BNA_G
ClientSampleId :
PB131690BSD

Tot Ion:152 Resp: 55309
Ion Ratio Lower Upper
152 100
150 154.6 125.0 187.6
115 52.6 41.8 62.6



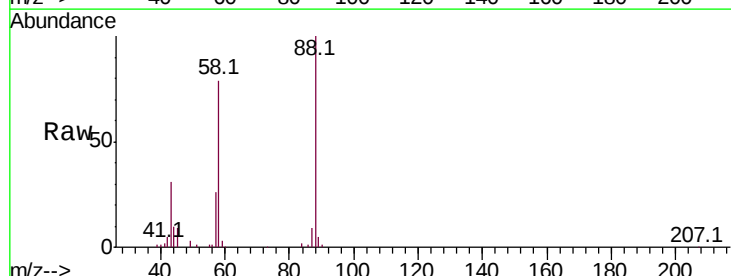
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



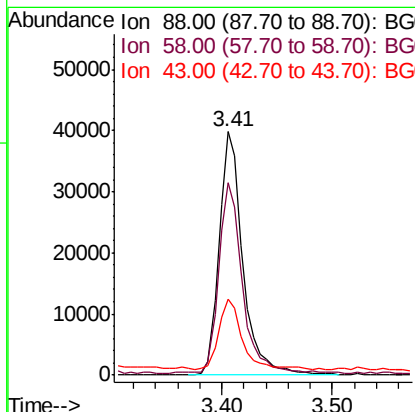
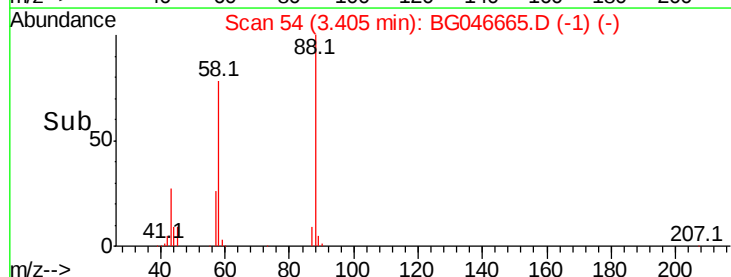
#2

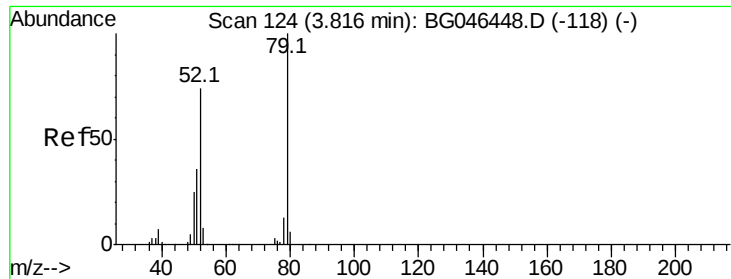
1,4-Dioxane
Concen: 45.773 ng
RT: 3.41 min Scan# 54
Delta R.T. -0.01 min
Lab File: BG046665.D
Acq: 17 Sep 2020 17:50

Tgt Ion: 88 Resp: 59466
Ion Ratio Lower Upper
88 100
58 78.8 61.6 92.4
43 28.2 21.3 31.9



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: 22.487 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB131690BSD

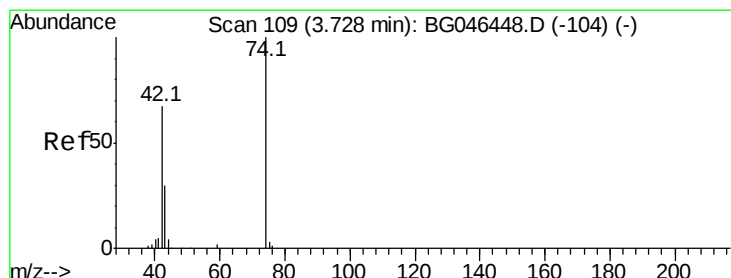
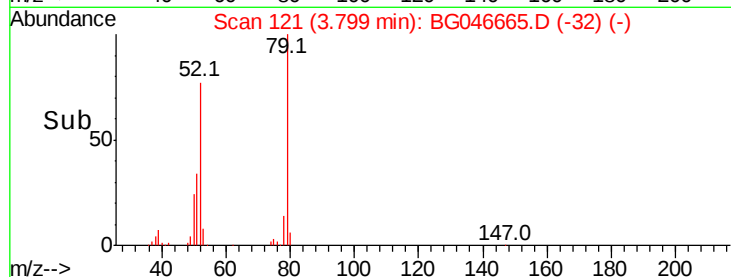
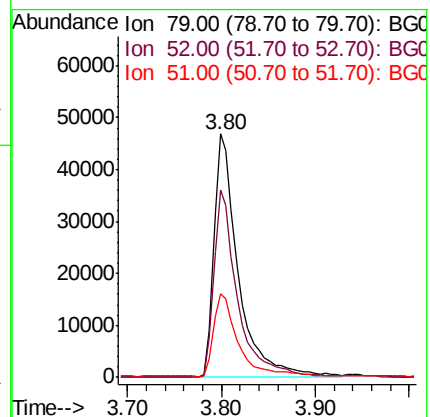
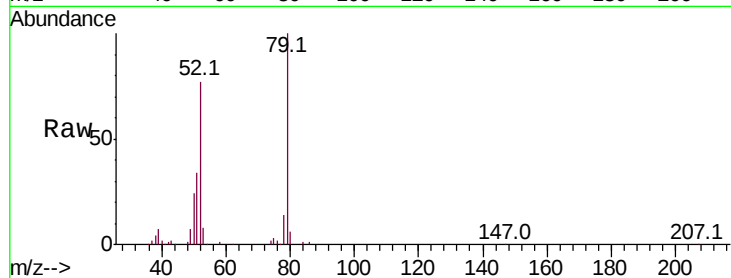
Tot Ion: 79 Resp: 85474

Ion Ratio Lower Upper

79 100

52 77.0 61.3 91.9

51 34.3 28.4 42.6



#4

n-Nitrosodimethylamine

Concen: 35.867 ng

RT: 3.72 min Scan# 107

Delta R.T. -0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

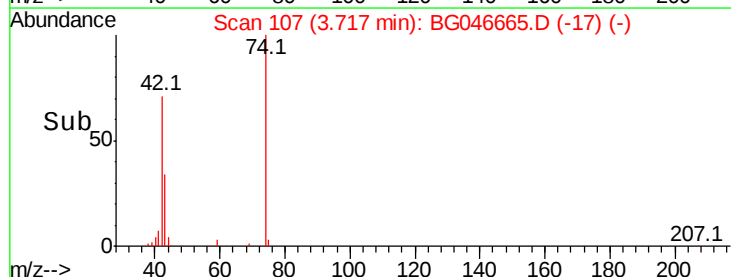
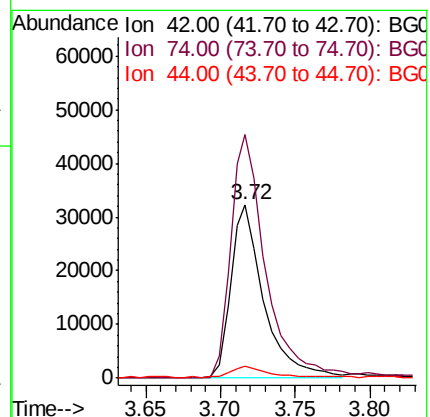
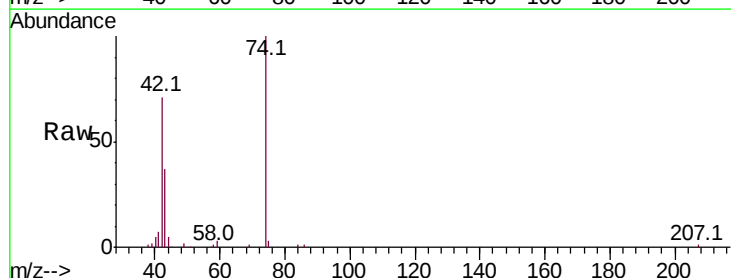
Tgt Ion: 42 Resp: 50283

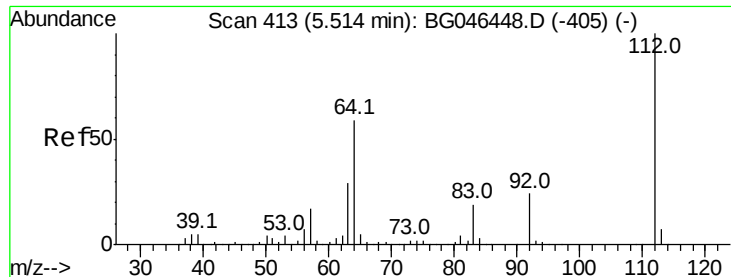
Ion Ratio Lower Upper

42 100

74 140.2 120.4 180.6

44 7.0 6.2 9.2





#5

2-Fluorophenol

Concen: 107.952 ng

RT: 5.51 min Scan# 412

Delta R.T. 0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB131690BSD

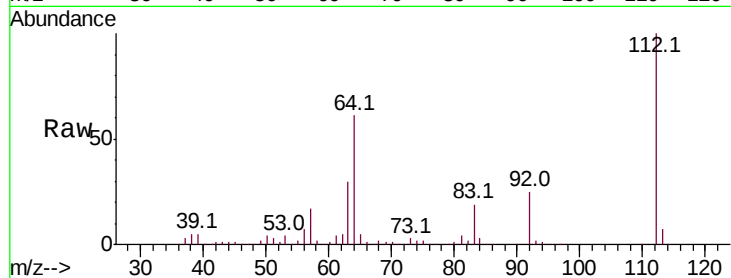
Tot Ion:112 Resp: 337104

Ion Ratio Lower Upper

112 100

64 61.4 46.7 70.1

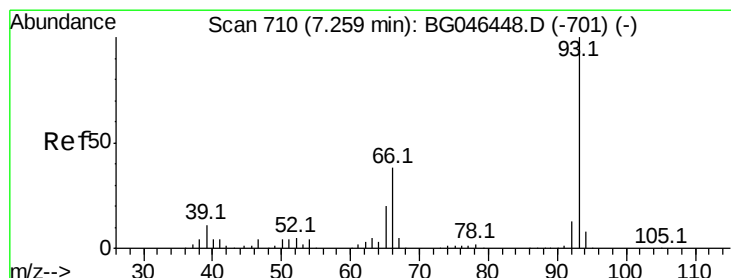
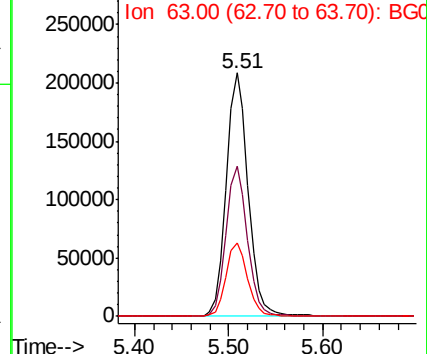
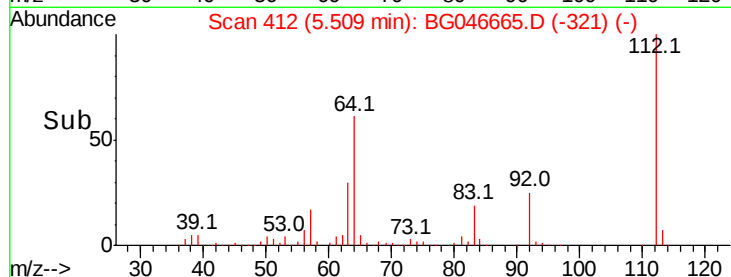
63 30.2 22.8 34.2



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: 38.295 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

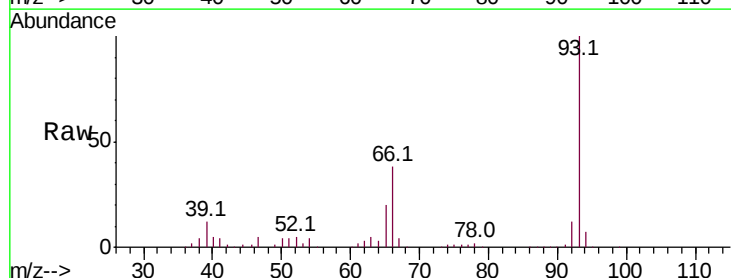
Tgt Ion: 93 Resp: 190765

Ion Ratio Lower Upper

93 100

66 38.1 29.5 44.3

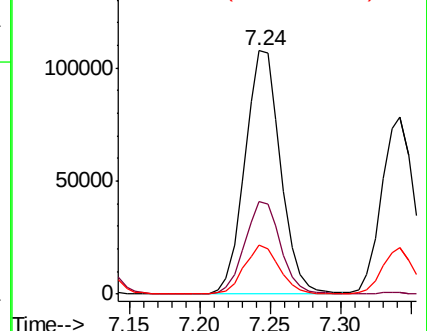
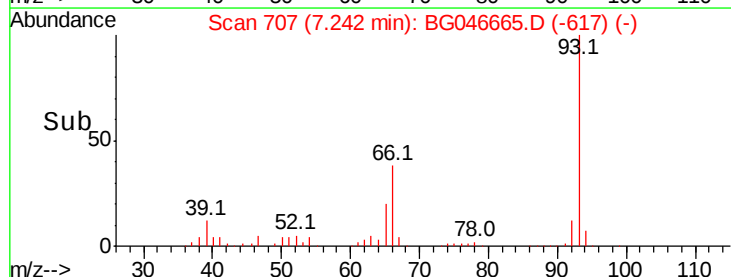
65 19.9 15.5 23.3

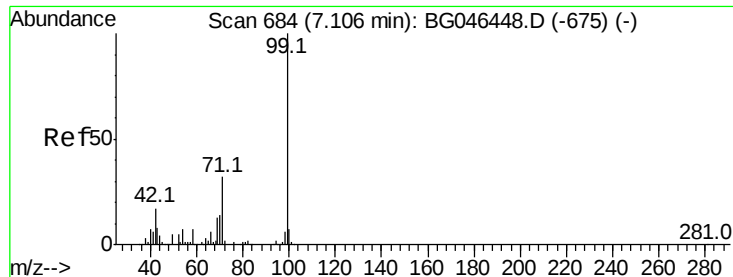


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 104.041 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB131690BSD

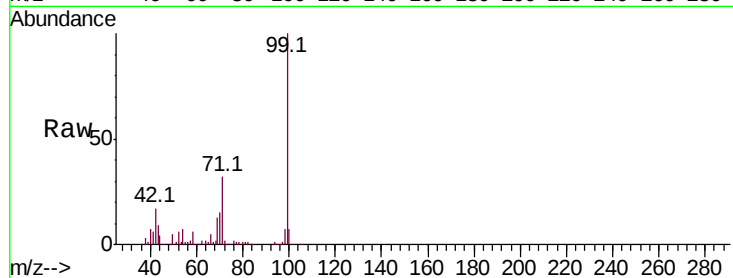
Tot Ion: 99 Resp: 460566

Ion Ratio Lower Upper

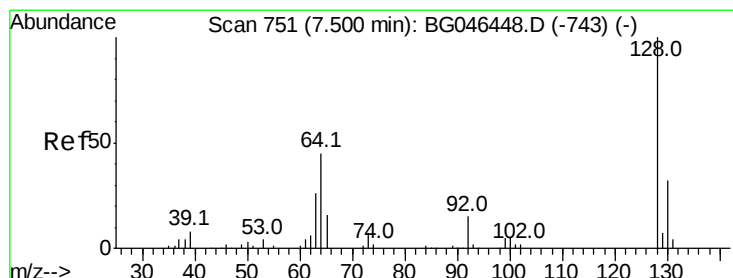
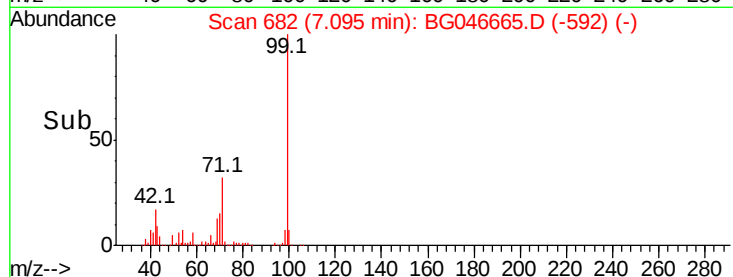
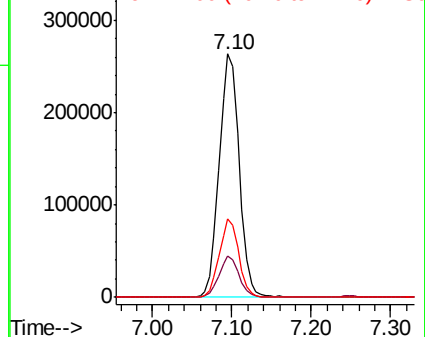
99 100

42 16.8 12.8 19.2

71 32.4 24.6 36.8



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: 44.163 ng

RT: 7.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

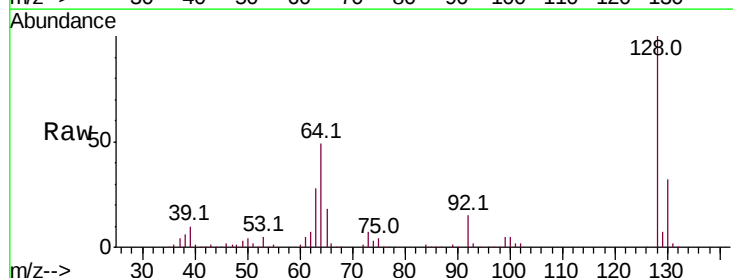
Tgt Ion: 128 Resp: 145757

Ion Ratio Lower Upper

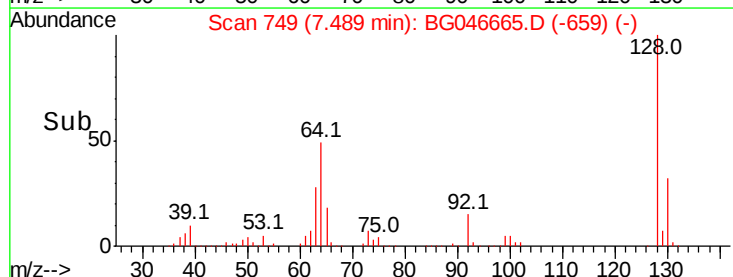
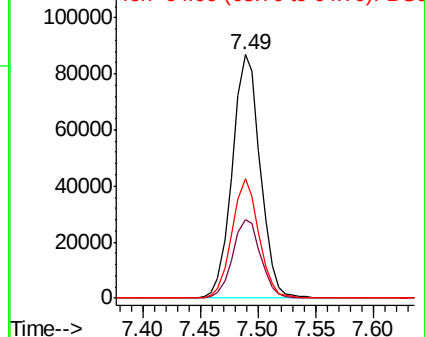
128 100

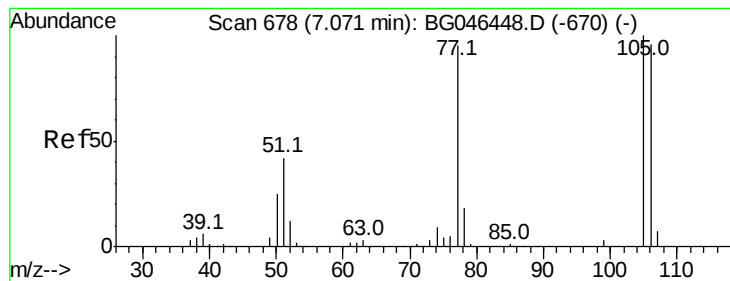
130 32.4 12.6 52.6

64 49.0 24.8 64.8



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: 35.899 ng

RT: 7.06 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB131690BSD

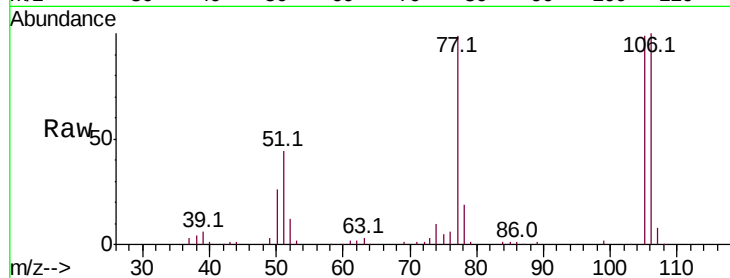
Tot Ion: 77 Resp: 89034

Ion Ratio Lower Upper

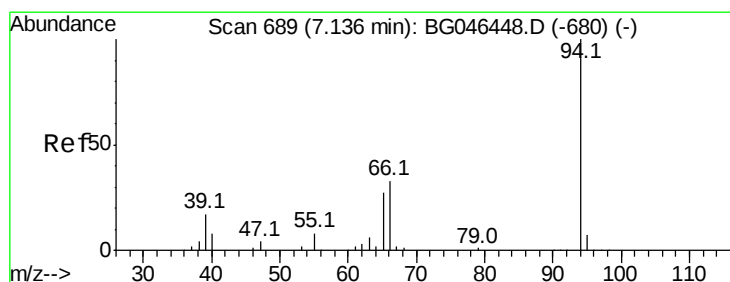
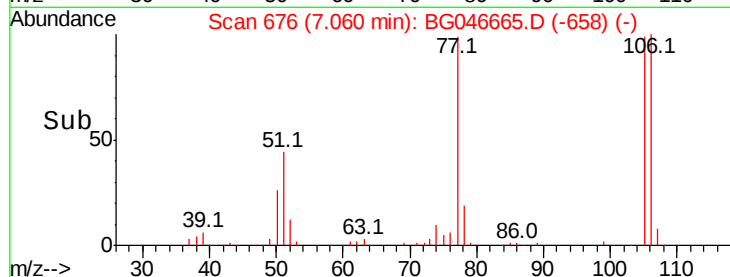
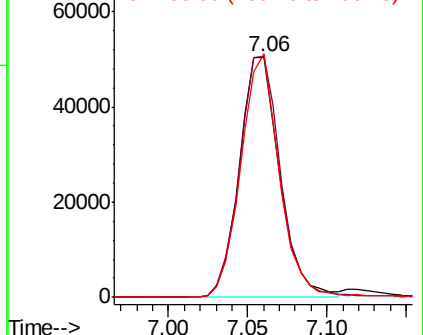
77 100

105 100.7 85.9 125.9

106 101.5 80.9 120.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.680 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

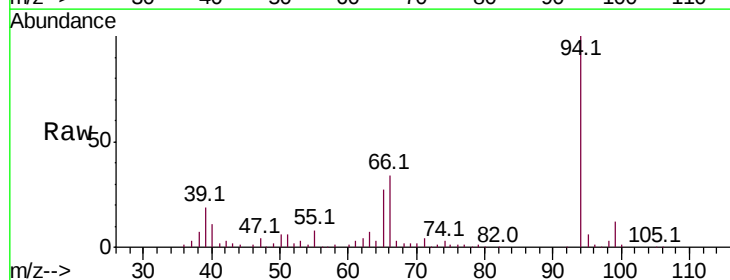
Tgt Ion: 94 Resp: 186248

Ion Ratio Lower Upper

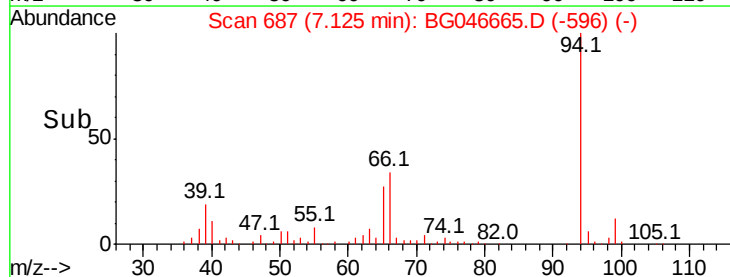
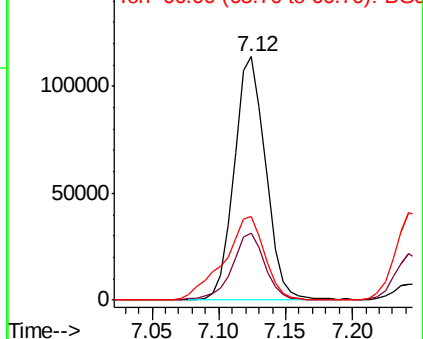
94 100

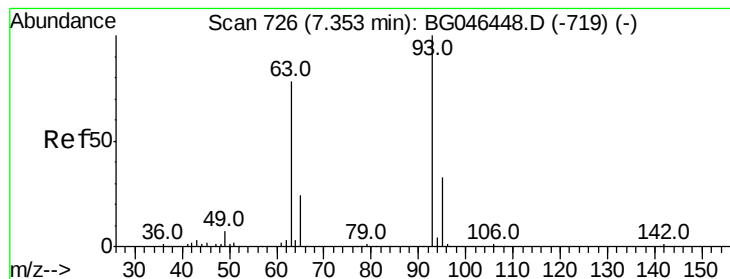
65 27.5 6.6 46.6

66 34.3 13.9 53.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 38.542 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB131690BSD

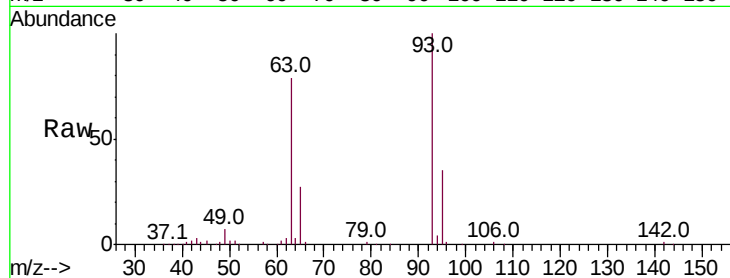
Tot Ion: 93 Resp: 126315

Ion Ratio Lower Upper

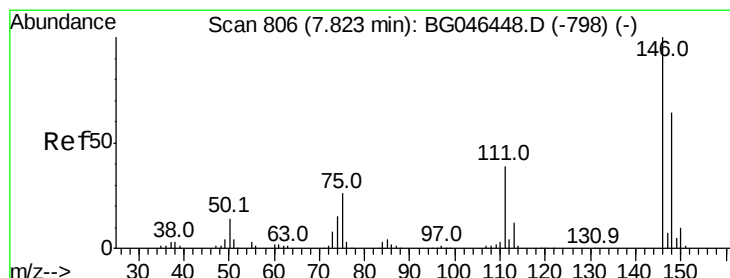
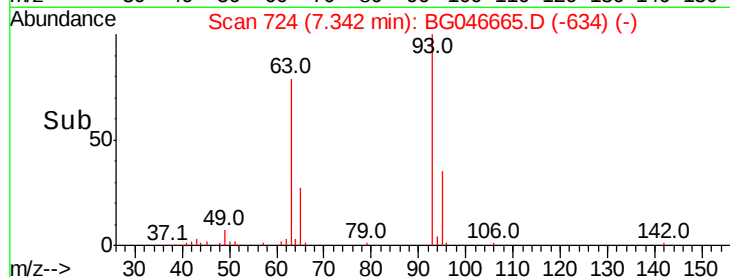
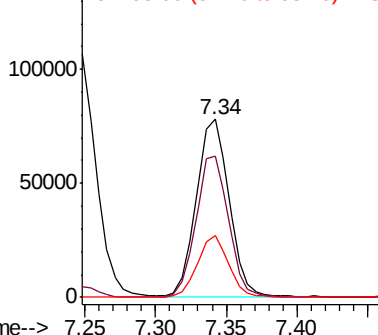
93 100

63 79.1 56.4 96.4

95 34.8 13.8 53.8



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



#12

1,3-Dichlorobenzene

Concen: 35.334 ng

RT: 7.81 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

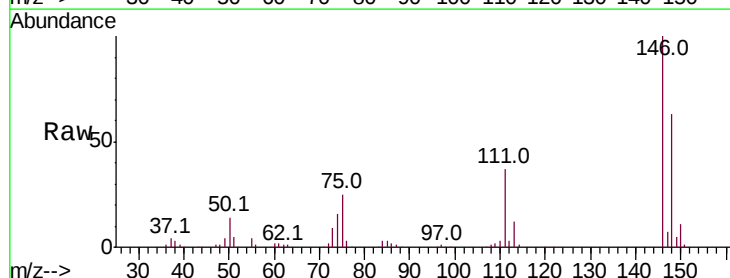
Tgt Ion: 146 Resp: 148059

Ion Ratio Lower Upper

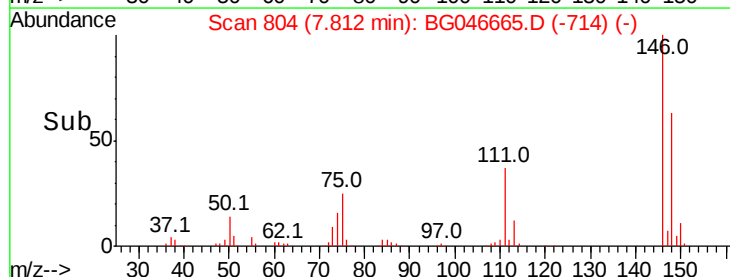
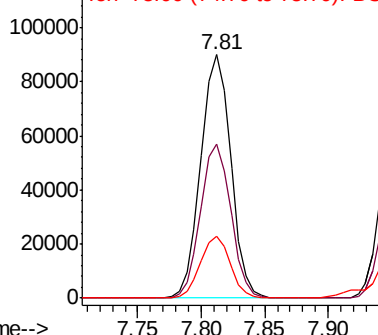
146 100

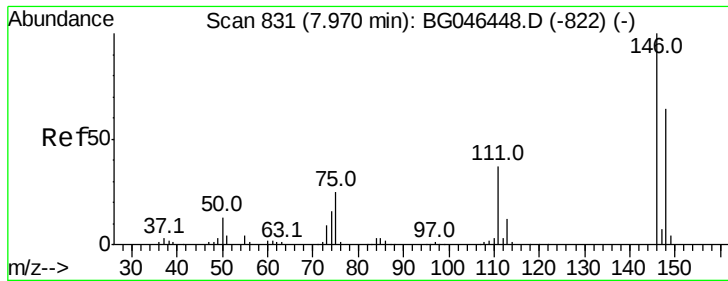
148 63.3 50.1 75.1

75 25.3 20.1 30.1



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

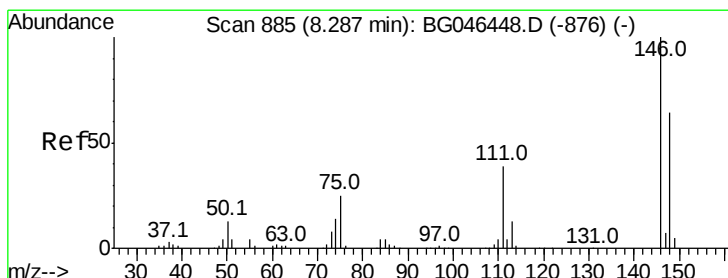
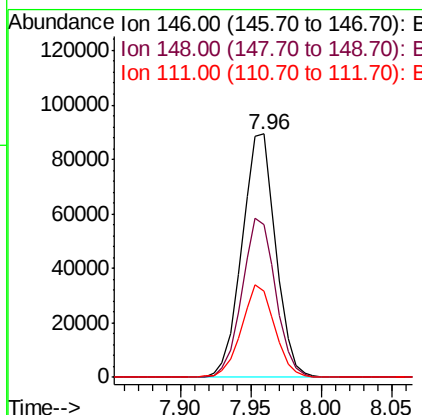
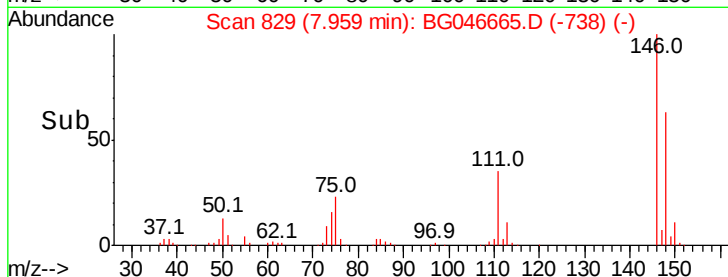
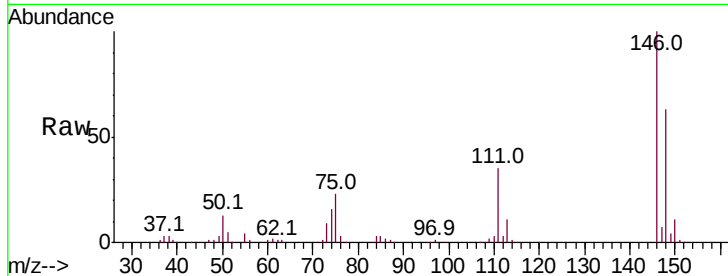




#13
 1,4-Dichlorobenzene
 Concen: 35.634 ng
 RT: 7.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BG046665.D
 Acq: 17 Sep 2020 17:50

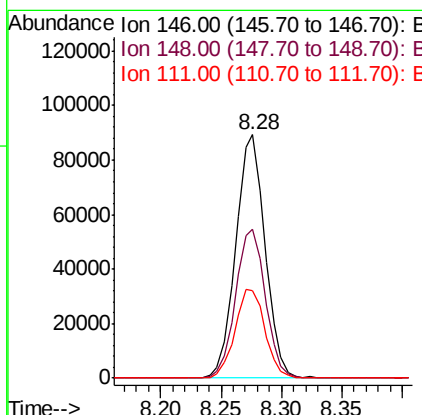
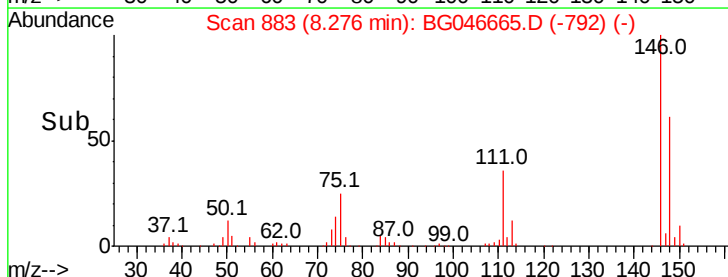
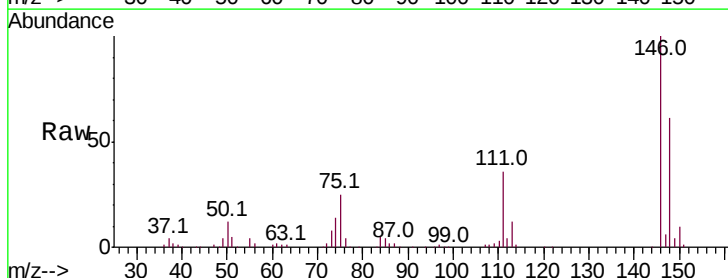
Instrument :
 BNA_G
 ClientSampleId :
 PB131690BSD

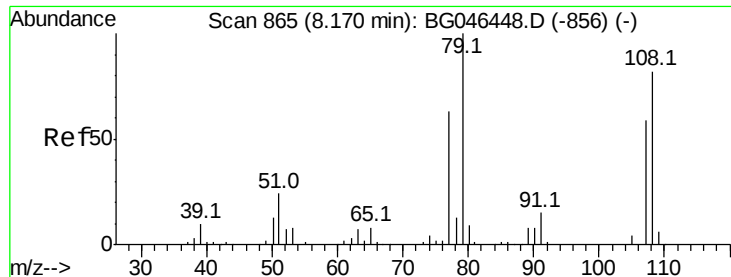
Tot Ion:146 Resp: 149484
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.1 76.7
 111 35.4 29.7 44.5



#14
 1,2-Dichlorobenzene
 Concen: 37.524 ng
 RT: 8.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BG046665.D
 Acq: 17 Sep 2020 17:50

Tgt Ion:146 Resp: 150934
 Ion Ratio Lower Upper
 146 100
 148 61.0 53.0 79.6
 111 35.9 30.7 46.1





#15

Benzyl Alcohol

Concen: 45.488 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB131690BSD

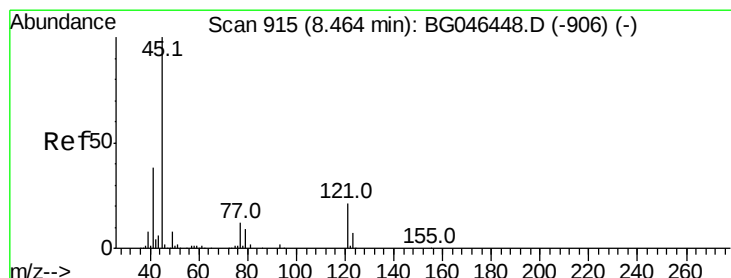
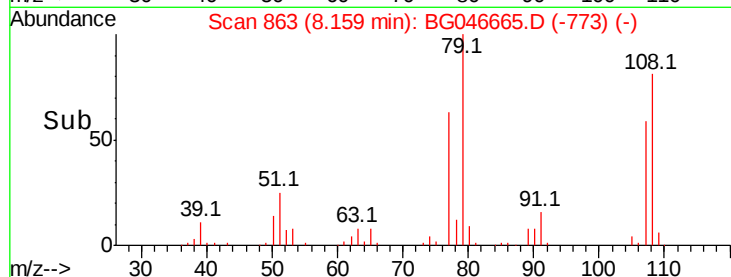
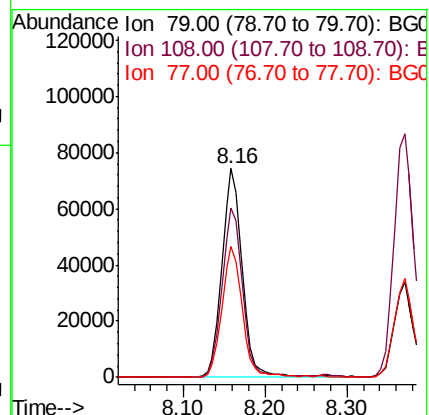
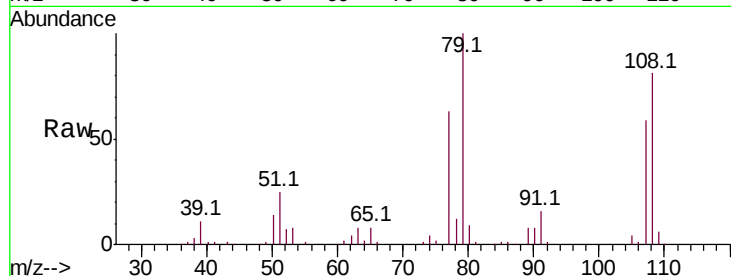
Tot Ion: 79 Resp: 129281

Ion Ratio Lower Upper

79 100

108 81.2 65.5 98.3

77 62.7 50.1 75.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.898 ng

RT: 8.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

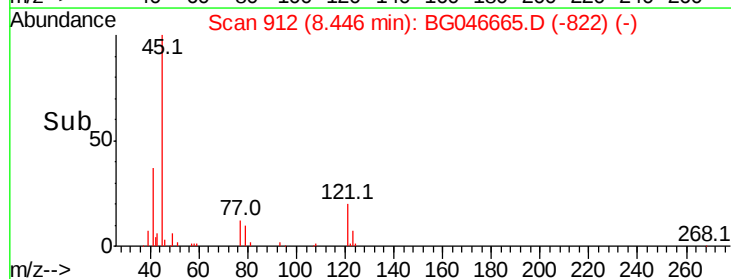
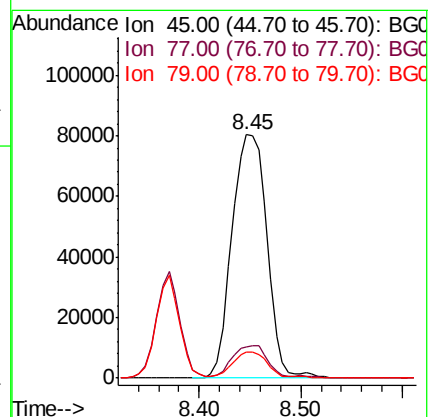
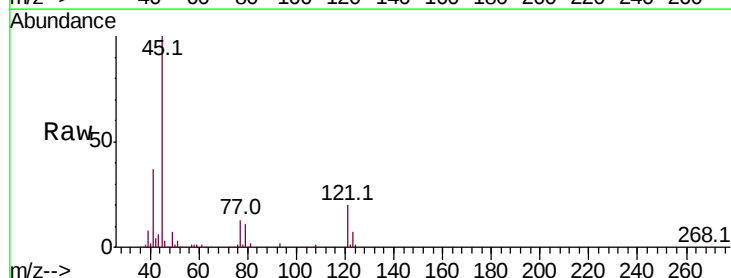
Tgt Ion: 45 Resp: 192656

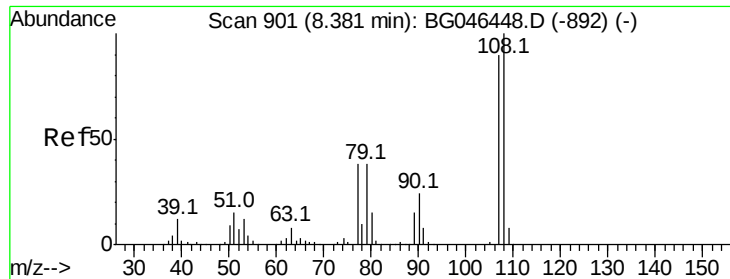
Ion Ratio Lower Upper

45 100

77 13.0 0.0 33.4

79 10.9 0.0 30.8

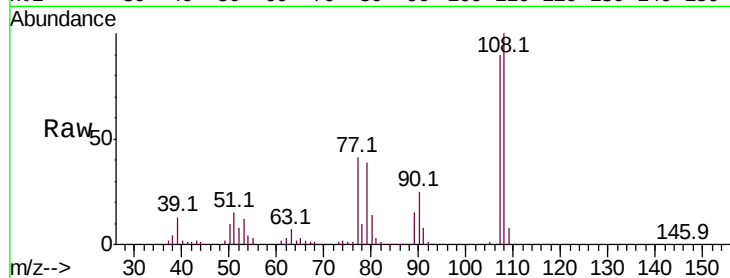




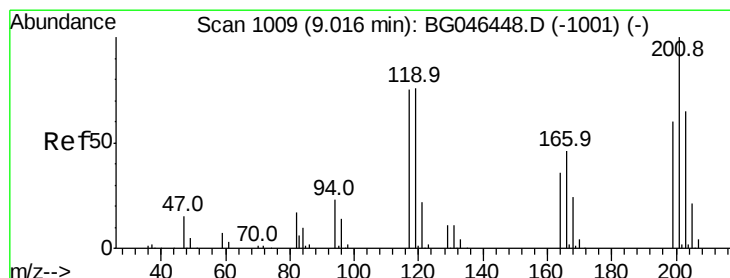
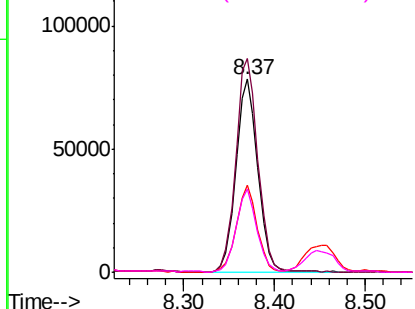
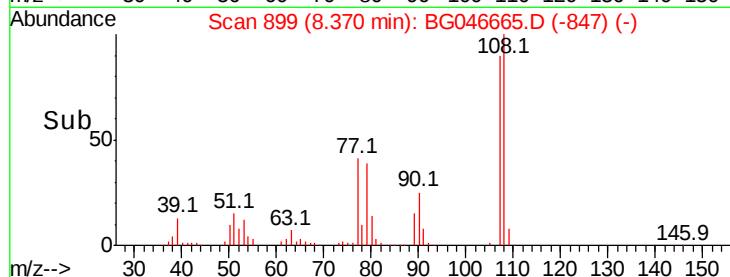
#17
2-Methylphenol
Concen: 45.803 ng
RT: 8.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BG046665.D
Acq: 17 Sep 2020 17:50

Instrument :
BNA_G
ClientSampleId :
PB131690BSD

Tot Ion:107 Resp: 132443
Ion Ratio Lower Upper
107 100
108 110.6 87.2 130.8
77 45.1 33.8 50.8
79 43.2 32.7 49.1

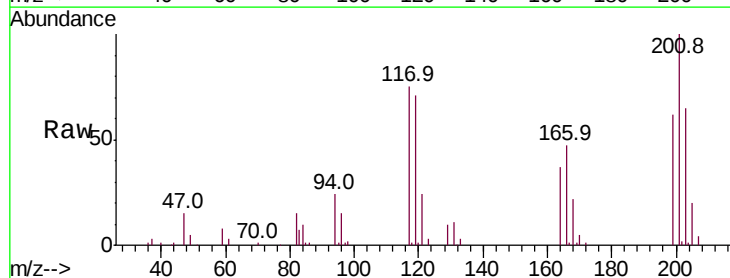


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

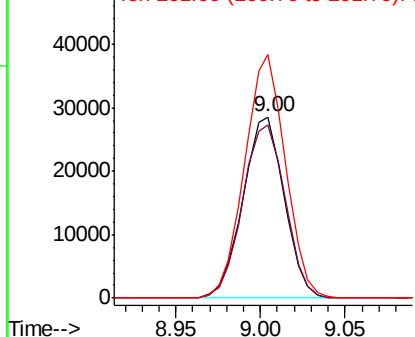
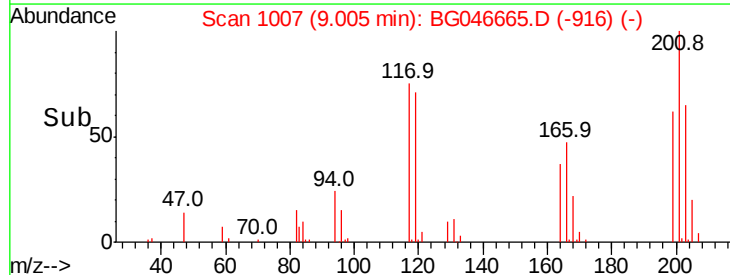


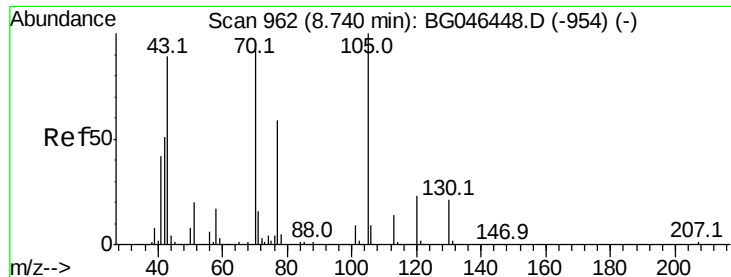
#18
Hexachloroethane
Concen: 34.177 ng
RT: 9.00 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BG046665.D
Acq: 17 Sep 2020 17:50

Tgt Ion:117 Resp: 48613
Ion Ratio Lower Upper
117 100
119 95.7 77.5 116.3
201 134.1 104.9 157.3



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

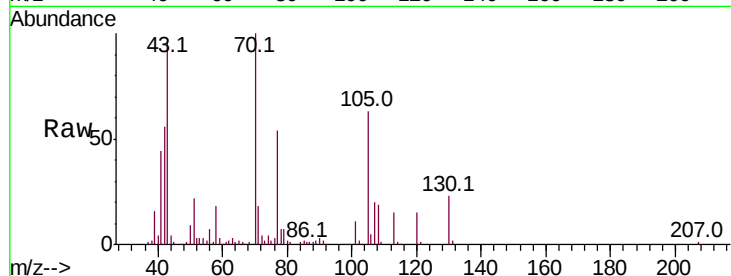




#19
n-Nitroso-di-n-propylamine
Concen: 41.988 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG046665.D
Acq: 17 Sep 2020 17:50

Instrument :
BNA_G
ClientSampleId :
PB131690BSD

Tot Ion:	70	Resp:	111182
Ion	Ratio	Lower	Upper
70	100		
42	56.3	45.6	68.4
101	10.6	8.4	12.6
130	23.5	17.8	26.8



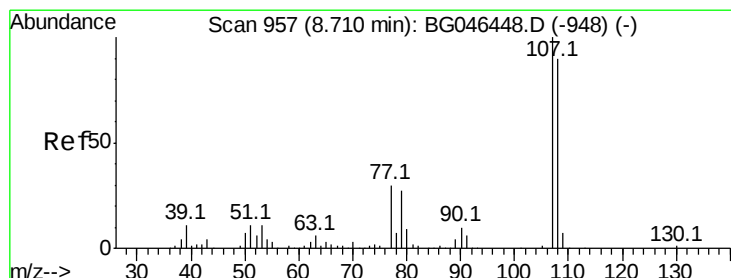
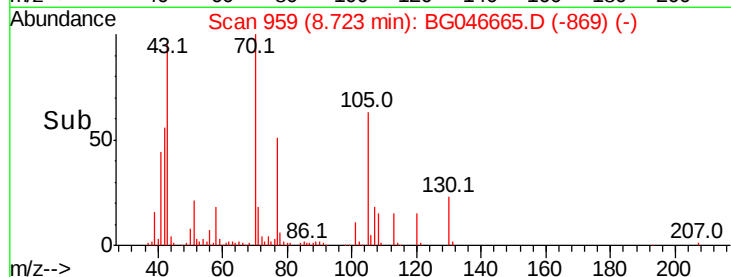
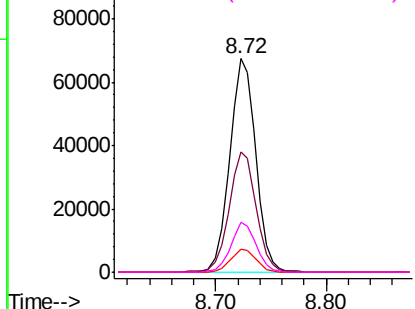
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

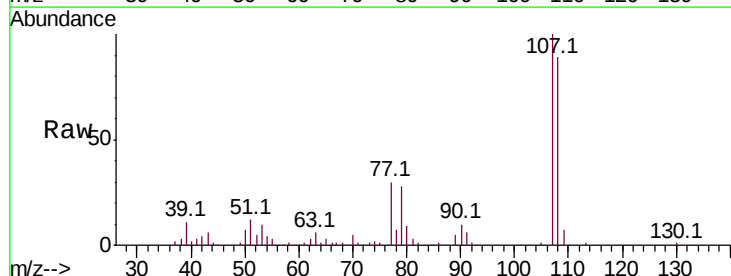
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 46.151 ng
RT: 8.70 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG046665.D
Acq: 17 Sep 2020 17:50

Tgt Ion:	107	Resp:	184195
Ion	Ratio	Lower	Upper
107	100		
108	89.1	70.6	110.6
77	30.5	10.2	50.2
79	27.6	6.8	46.8



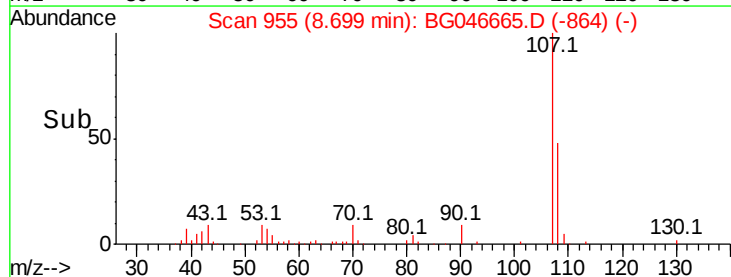
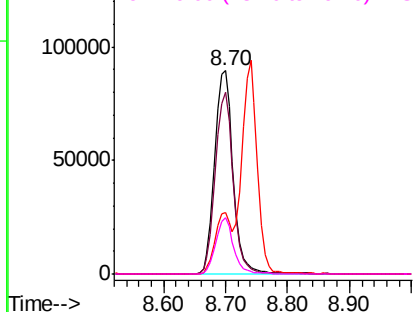
Abundance

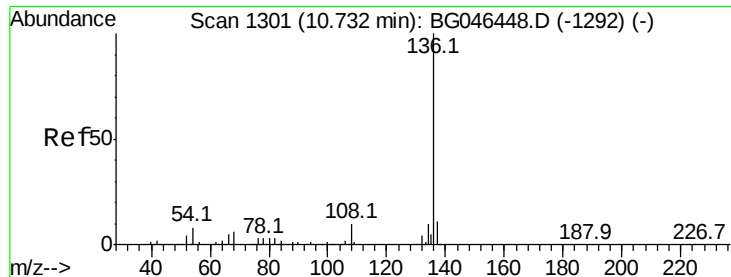
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

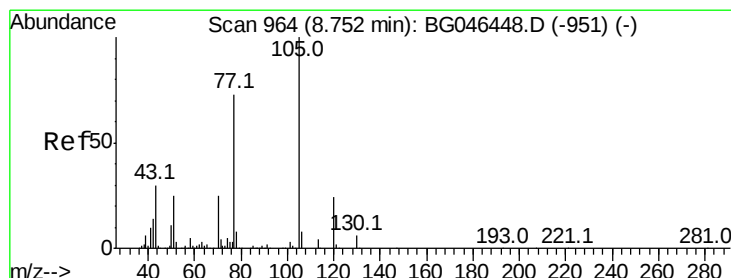
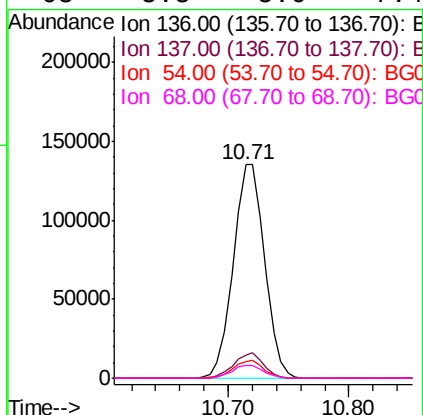
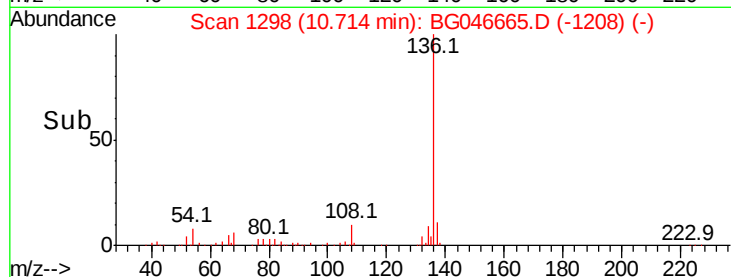
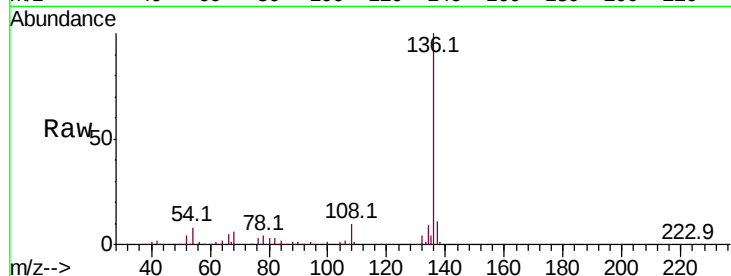




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG046665.D
Acq: 17 Sep 2020 17:50

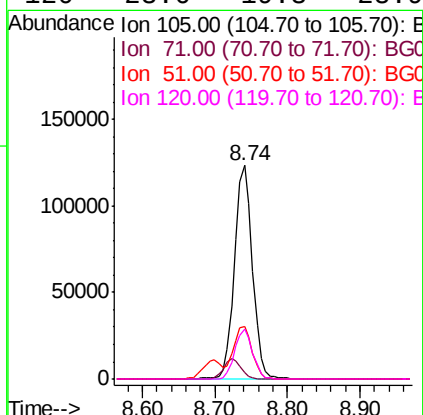
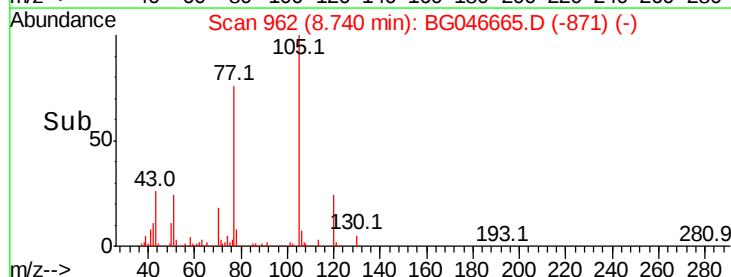
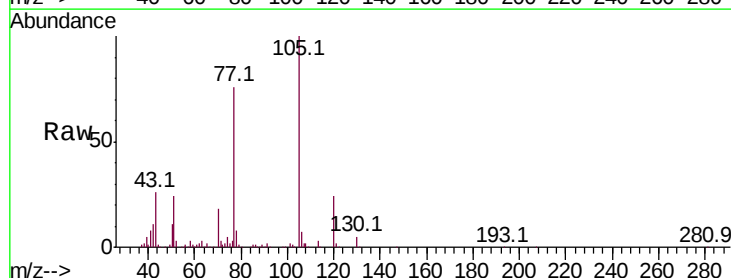
Instrument :
BNA_G
ClientSampleId :
PB131690BSD

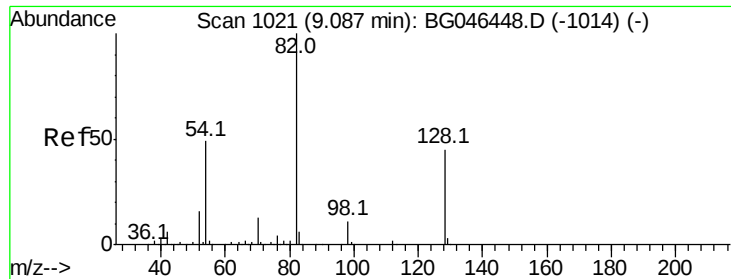
Tot Ion:136	Resp:	244134
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.1 13.7
54	7.8	6.2 9.4
68	5.8	5.0 7.4



#22
Acetophenone
Concen: 35.959 ng
RT: 8.74 min Scan# 962
Delta R.T. 0.00 min
Lab File: BG046665.D
Acq: 17 Sep 2020 17:50

Tgt Ion:105	Resp:	213697
Ion Ratio	Lower	Upper
105	100	
71	3.0	2.7 4.1
51	24.5	21.0 31.6
120	23.6	19.3 28.9

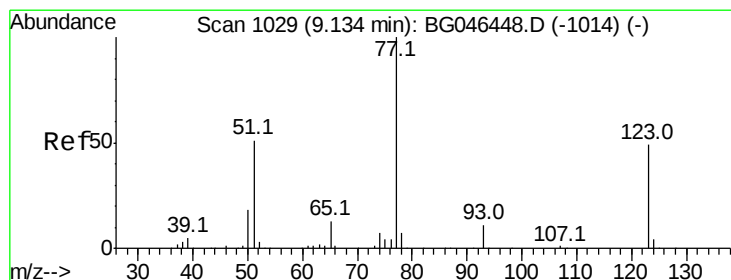
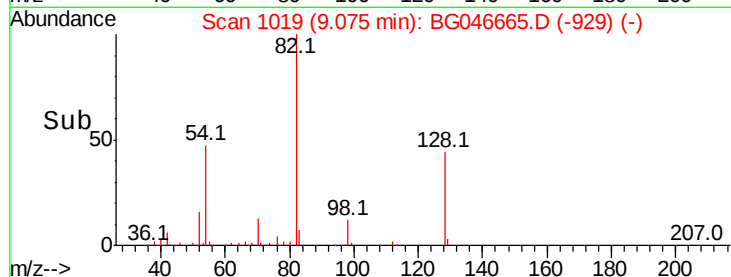
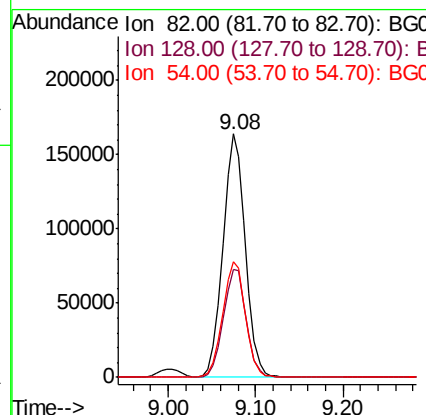
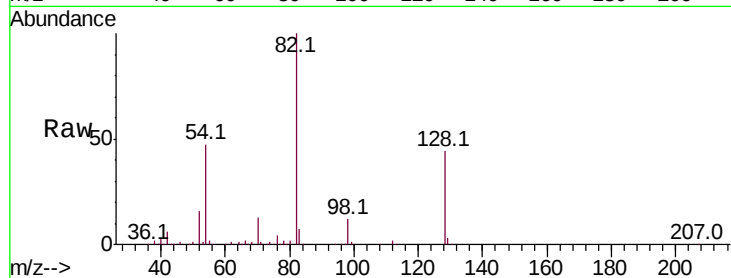




#23
 Nitrobenzene-d5
 Concen: 67.641 ng
 RT: 9.08 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG046665.D
 Acq: 17 Sep 2020 17:50

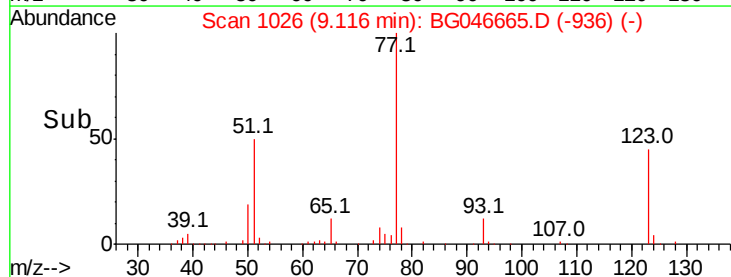
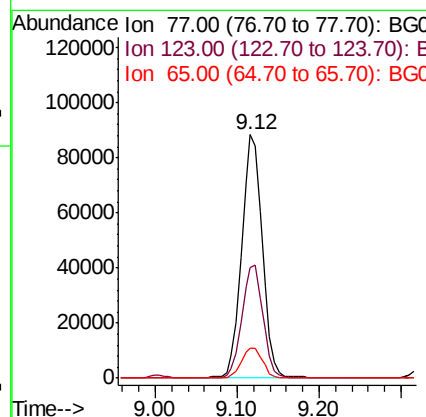
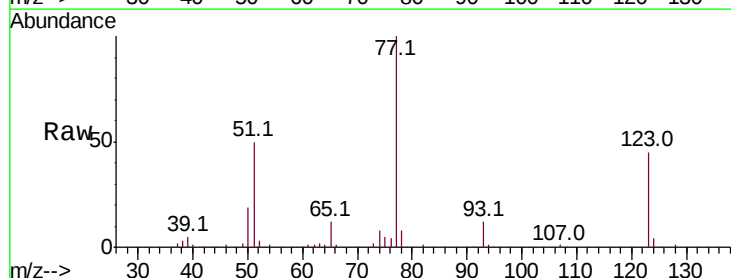
Instrument :
 BNA_G
 ClientSampleId :
 PB131690BSD

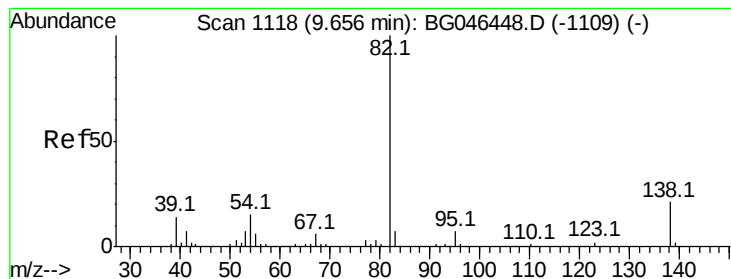
Tot Ion: 82 Resp: 288923
 Ion Ratio Lower Upper
 82 100
 128 44.4 37.0 55.6
 54 47.3 39.0 58.4



#24
 Nitrobenzene
 Concen: 36.938 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG046665.D
 Acq: 17 Sep 2020 17:50

Tgt Ion: 77 Resp: 155875
 Ion Ratio Lower Upper
 77 100
 123 45.3 39.7 59.5
 65 12.5 10.4 15.6





#25

Isophorone

Concen: 40.171 ng

RT: 9.64 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB131690BSD

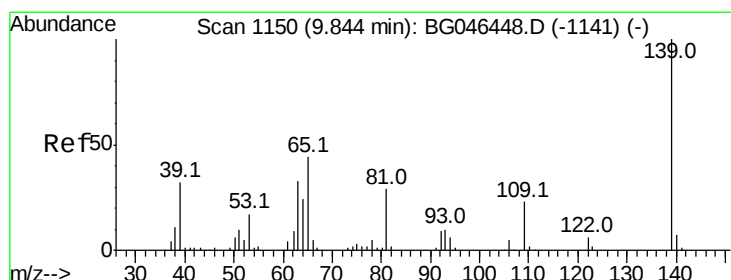
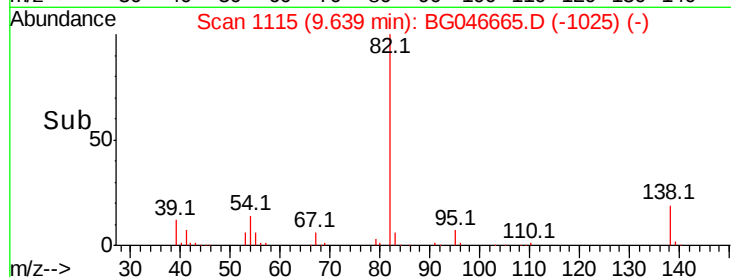
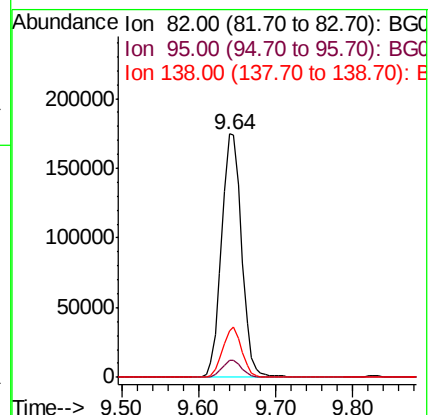
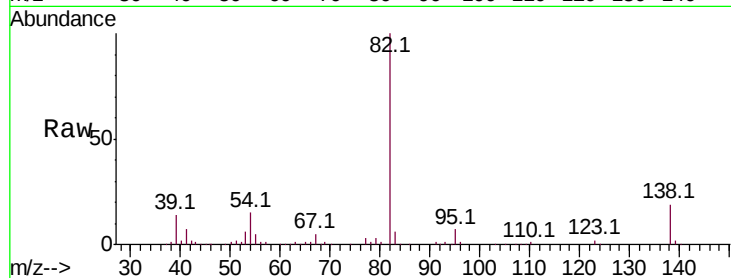
Tot Ion: 82 Resp: 314585

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

138 19.1 15.8 23.6



#26

2-Nitrophenol

Concen: 39.194 ng

RT: 9.83 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

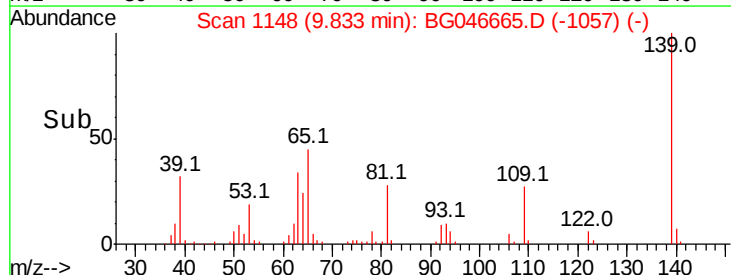
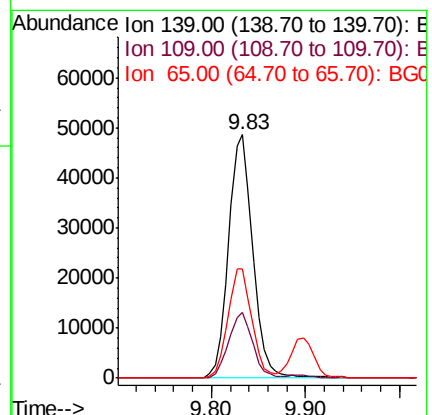
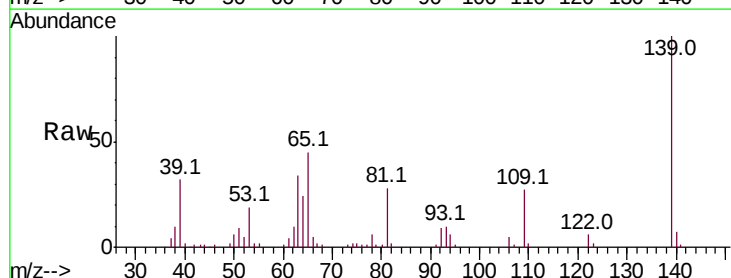
Tgt Ion: 139 Resp: 87265

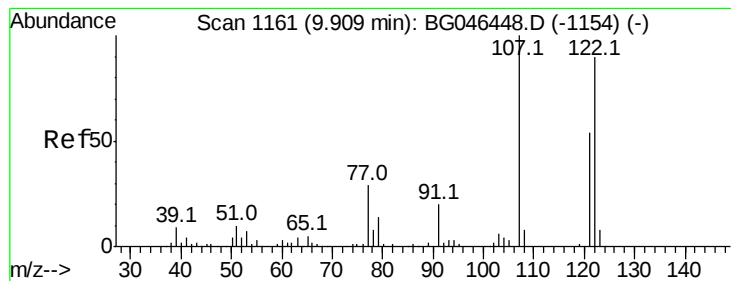
Ion Ratio Lower Upper

139 100

109 26.8 20.7 31.1

65 45.1 36.1 54.1





#27

2,4-Dimethylphenol

Concen: 47.446 ng

RT: 9.90 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB131690BSD

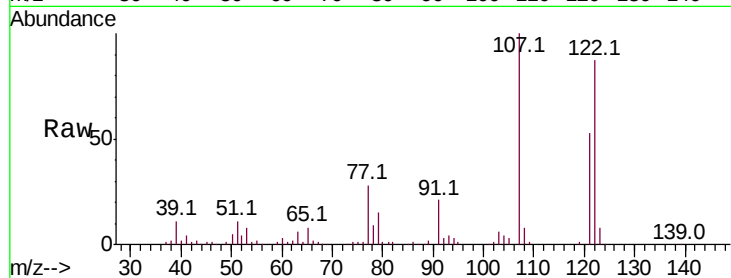
Tot Ion:122 Resp: 145292

Ion Ratio Lower Upper

122 100

107 114.6 89.2 133.8

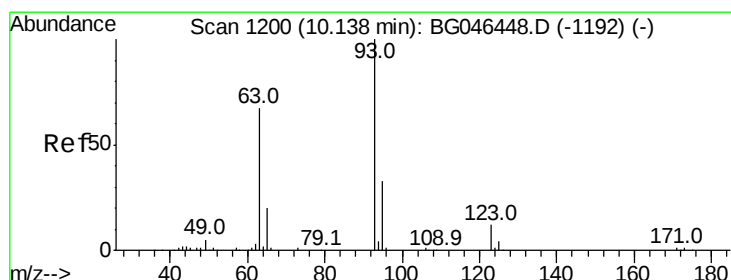
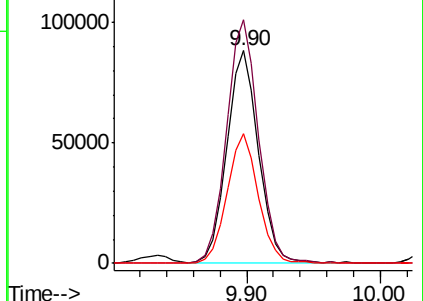
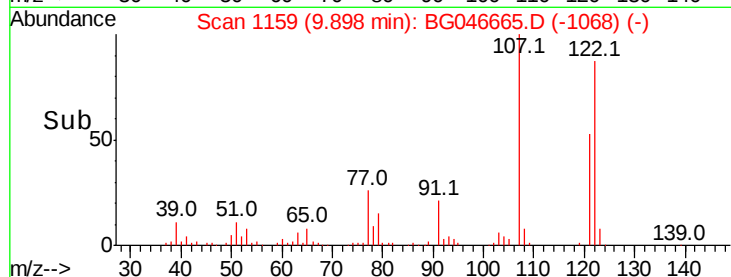
121 60.9 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.572 ng

RT: 10.12 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

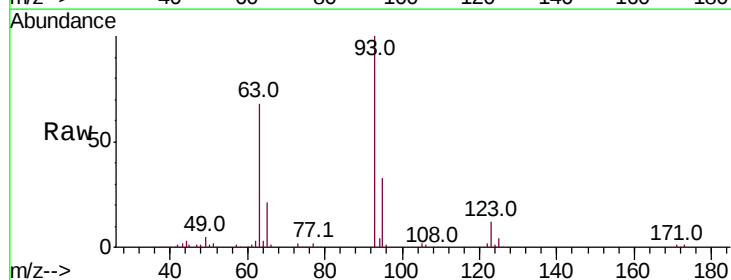
Tgt Ion: 93 Resp: 189380

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

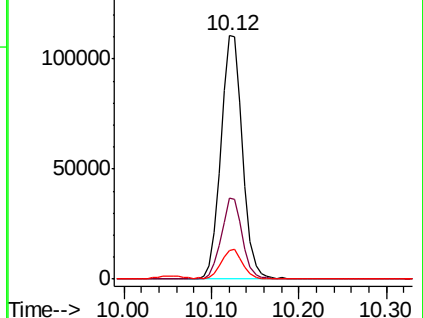
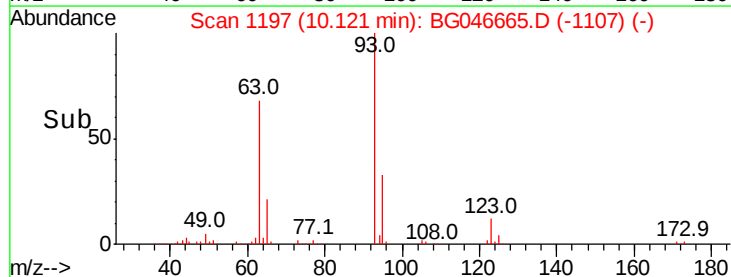
123 11.7 9.4 14.0

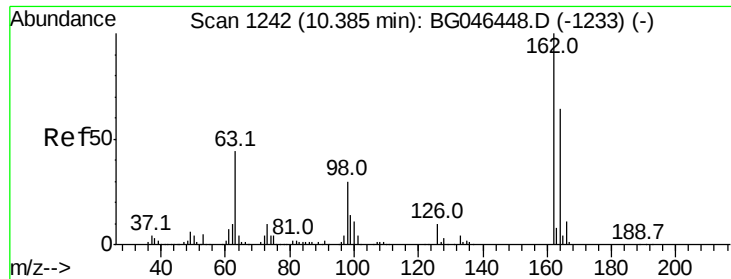


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

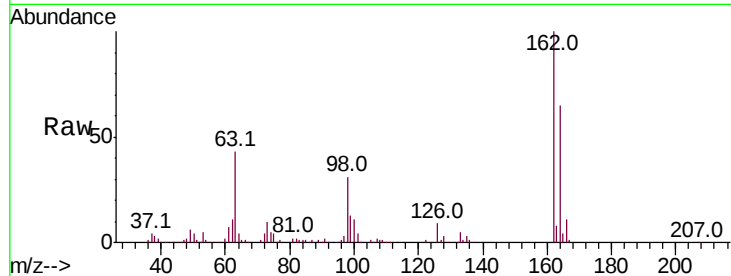




#29
 2,4-Dichlorophenol
 Concen: 41.697 ng
 RT: 10.37 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BG046665.D
 Acq: 17 Sep 2020 17:50

Instrument :
 BNA_G
 ClientSampleId :
 PB131690BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	45.6	85.6
98	30.5	11.0	51.0

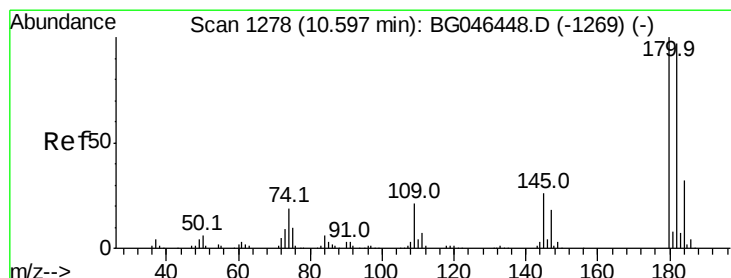
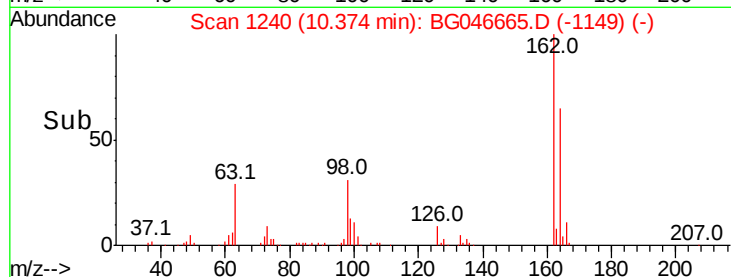
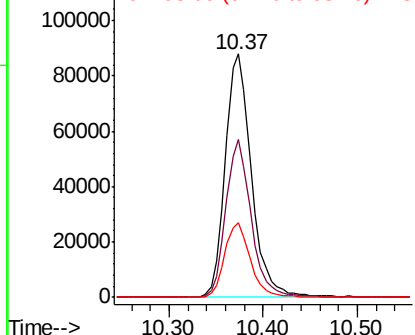


Abundance

Ion 162.00 (161.70 to 162.70): E

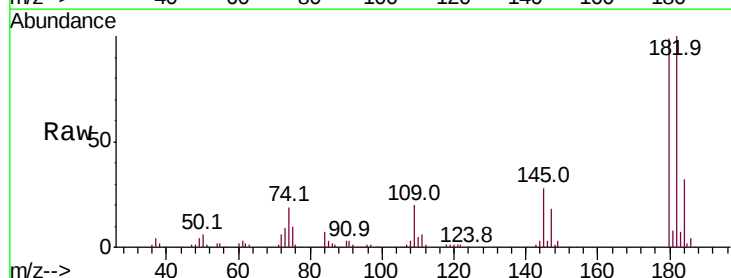
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 34.230 ng
 RT: 10.59 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: BG046665.D
 Acq: 17 Sep 2020 17:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.7	76.9	115.3
145	28.0	21.4	32.0

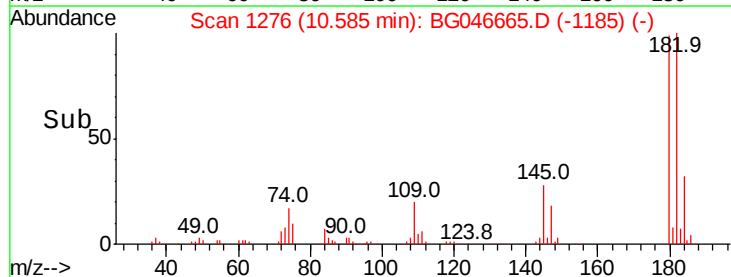
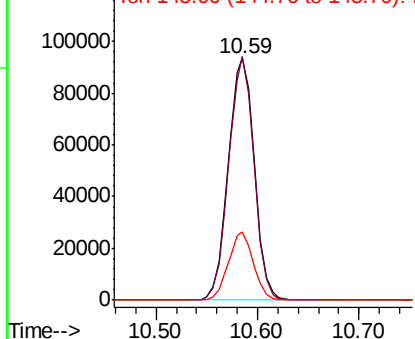


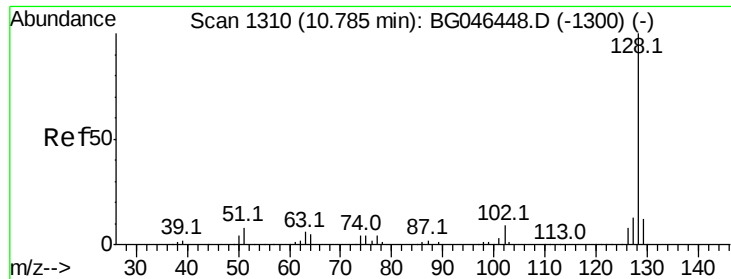
Abundance

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

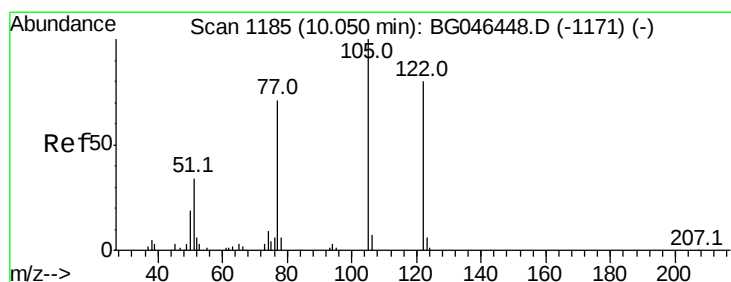
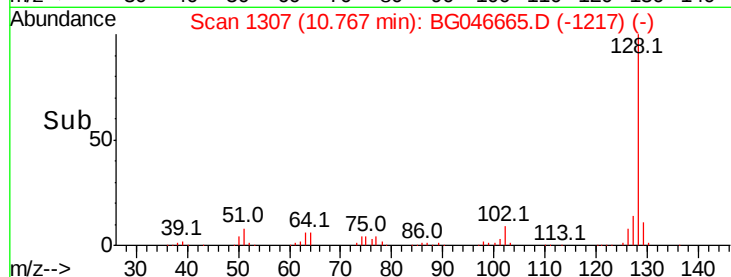
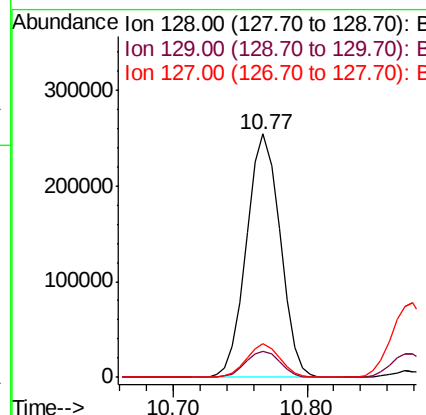
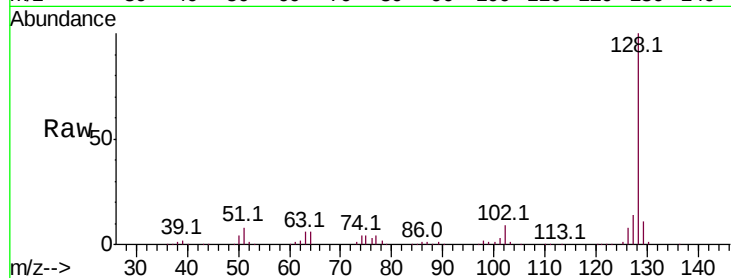




#31
Naphthalene
Concen: 37.188 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG046665.D
Acq: 17 Sep 2020 17:50

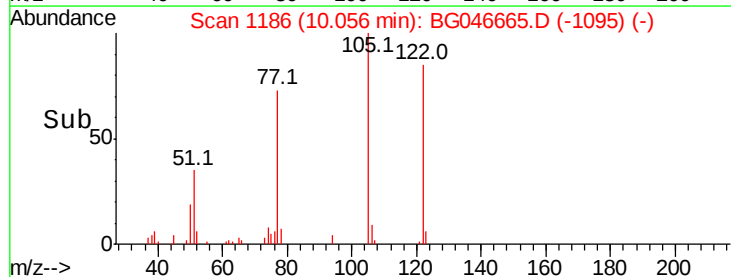
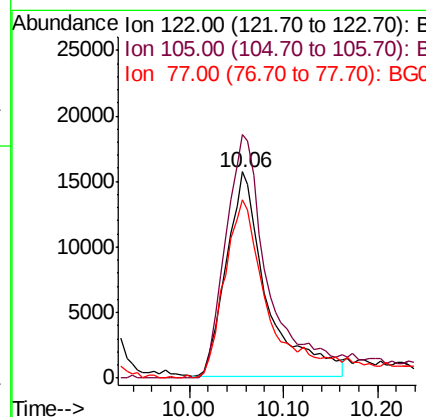
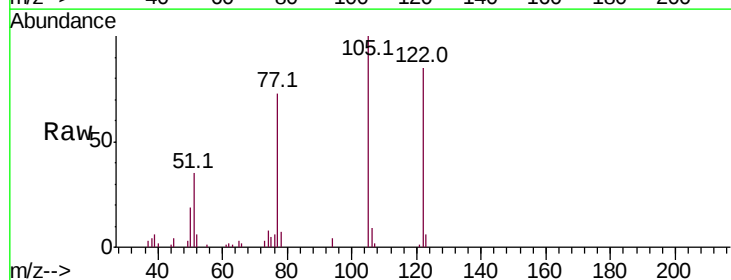
Instrument :
BNA_G
ClientSampleId :
PB131690BSD

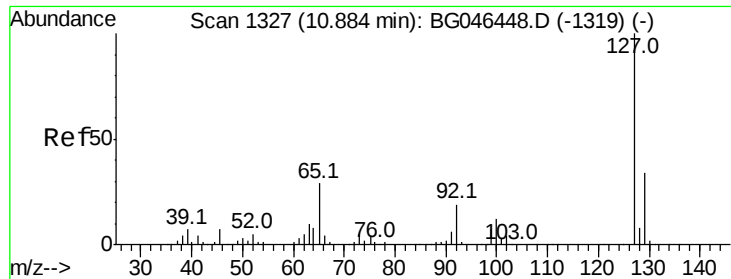
Tot Ion:128 Resp: 443285
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.8 11.0 16.4



#32
Benzoic acid
Concen: 25.656 ng
RT: 10.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BG046665.D
Acq: 17 Sep 2020 17:50

Tgt Ion:122 Resp: 46560
Ion Ratio Lower Upper
122 100
105 118.1 103.7 143.7
77 86.6 63.0 103.0

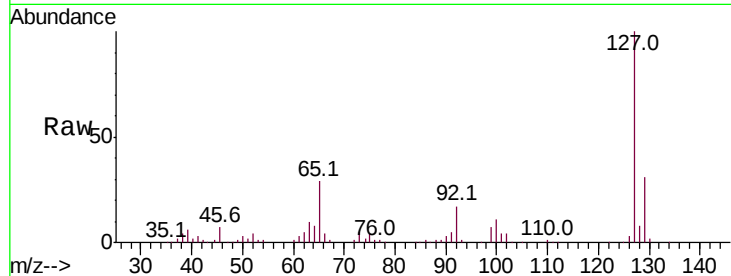




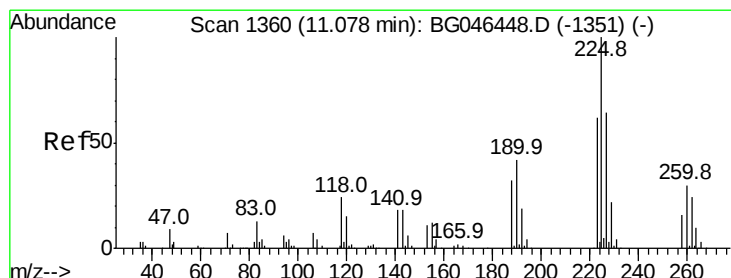
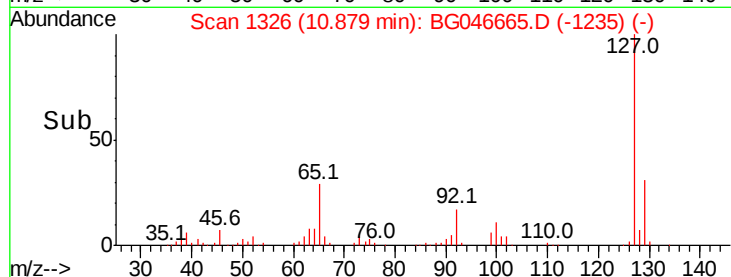
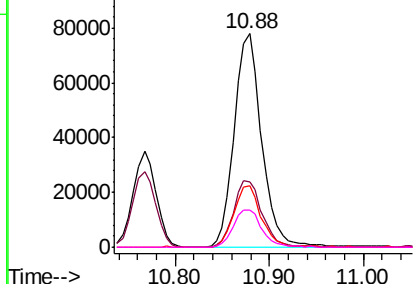
#33
4-Chloroaniline
Concen: 30.195 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG046665.D
Acq: 17 Sep 2020 17:50

Instrument :
BNA_G
ClientSampleId :
PB131690BSD

Tot Ion:	127	Resp:	158712
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.8	40.2
65	28.7	23.8	35.6
92	17.5	14.5	21.7

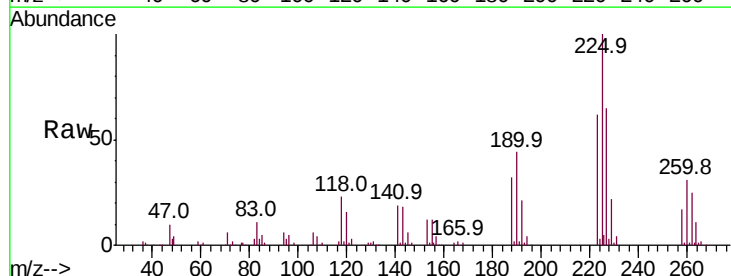


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

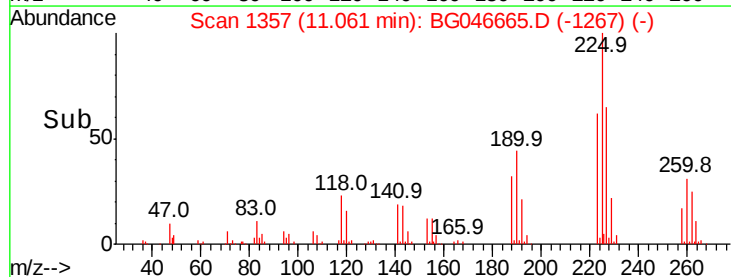
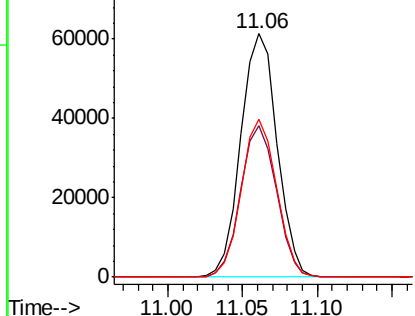


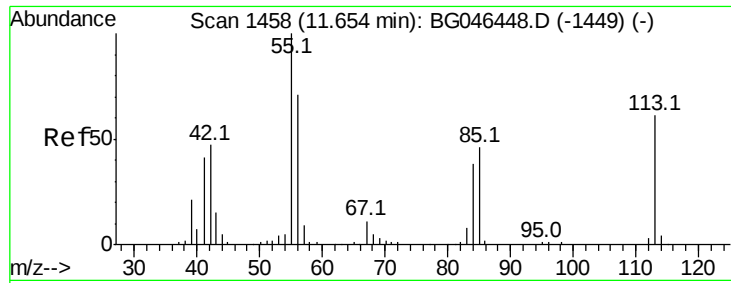
#34
Hexachlorobutadiene
Concen: 32.935 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG046665.D
Acq: 17 Sep 2020 17:50

Tgt Ion:	225	Resp:	103556
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.5	74.3
227	64.6	52.0	78.0



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





#35

Caprolactam

Concen: 22.241 ng

RT: 11.64 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB131690BSD

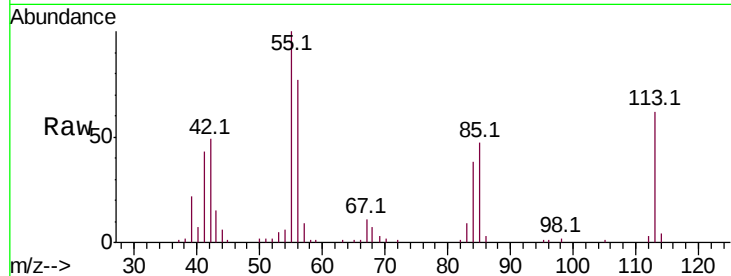
Tot Ion:113 Resp: 33939

Ion Ratio Lower Upper

113 100

55 161.9 149.2 189.2

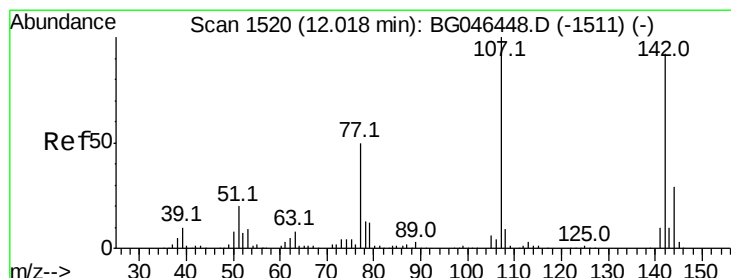
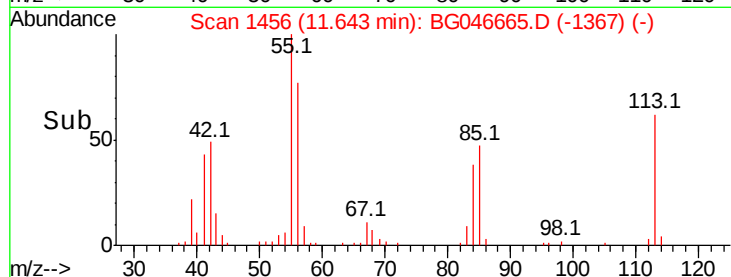
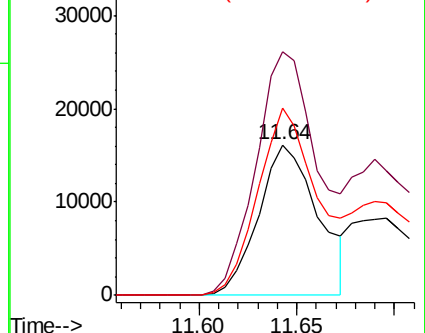
56 124.8 107.2 147.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 43.444 ng

RT: 12.01 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

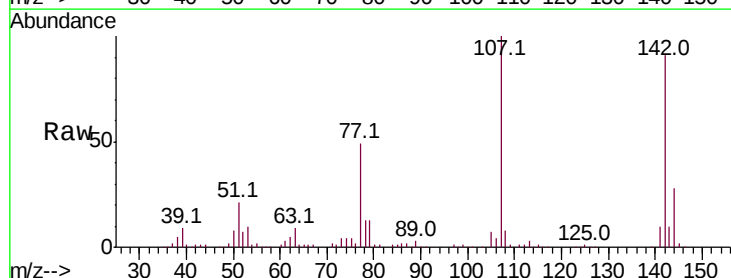
Tgt Ion:107 Resp: 173457

Ion Ratio Lower Upper

107 100

144 28.3 22.5 33.7

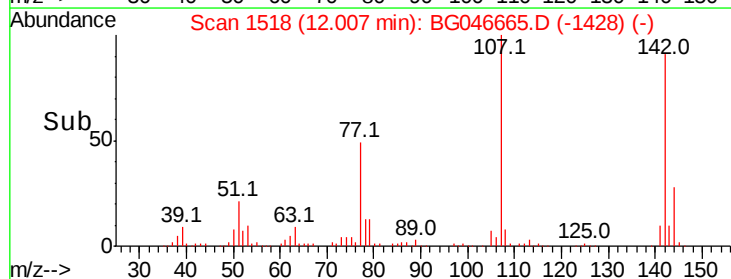
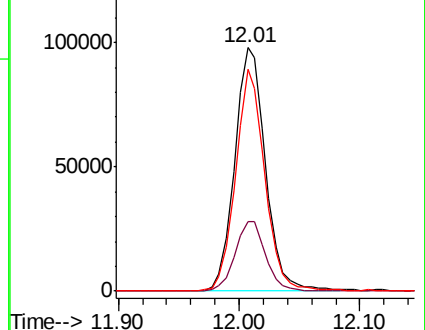
142 91.2 70.8 106.2

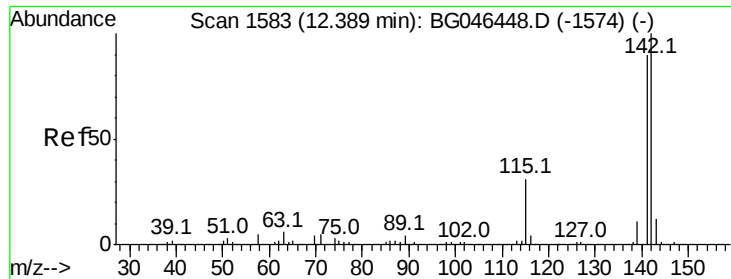


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

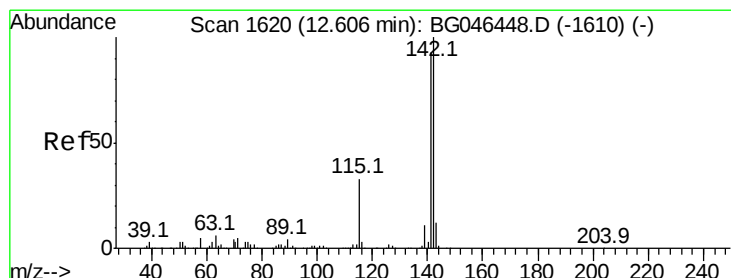
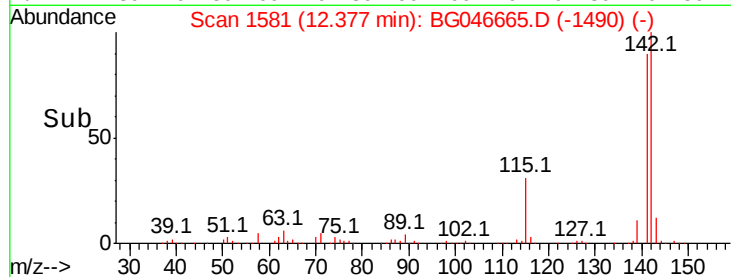
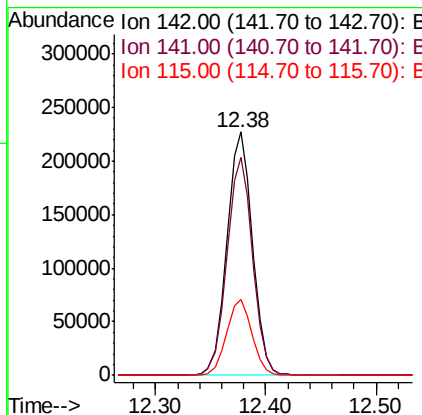
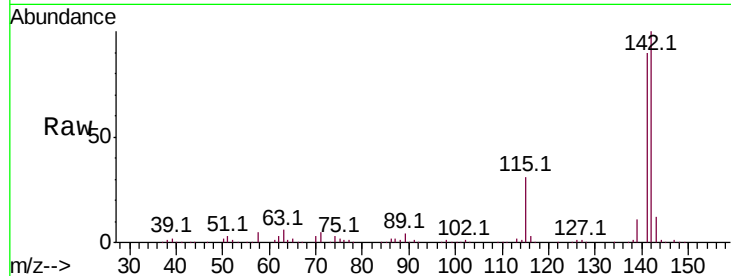




#37
 2-Methylnaphthalene
 Concen: 39.185 ng
 RT: 12.38 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: BG046665.D
 Acq: 17 Sep 2020 17:50

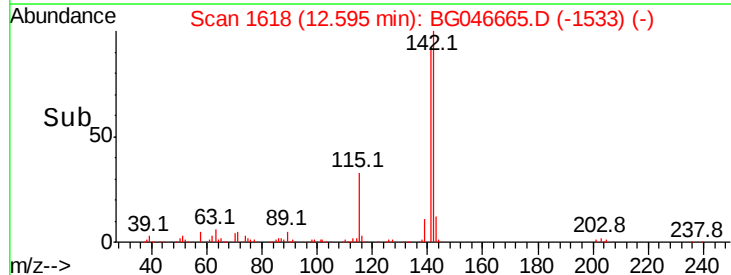
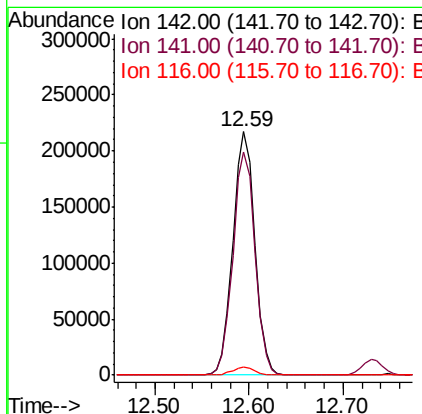
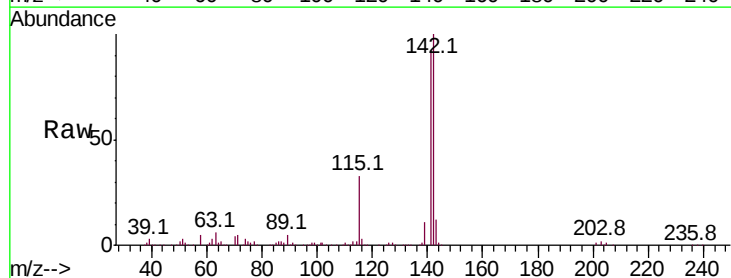
Instrument :
 BNA_G
 ClientSampleId :
 PB131690BSD

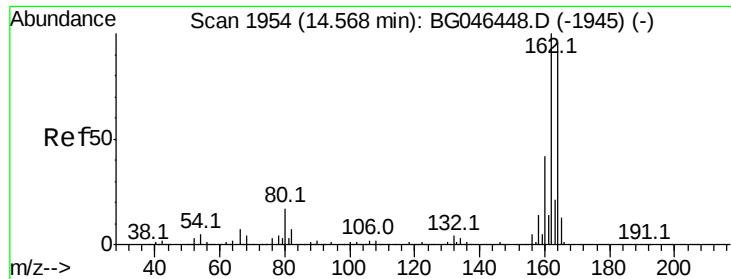
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.6	107.4
115	31.2	25.4	38.2



#38
 1-Methylnaphthalene
 Concen: 39.407 ng
 RT: 12.59 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BG046665.D
 Acq: 17 Sep 2020 17:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	75.4	113.2
116	3.4	2.9	4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB131690BSD

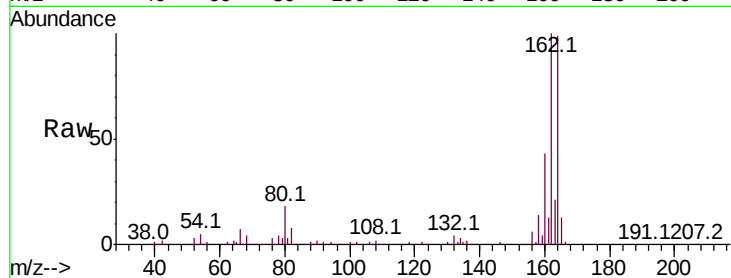
Tot Ion:164 Resp: 182213

Ion Ratio Lower Upper

164 100

162 100.7 82.3 123.5

160 43.1 35.3 52.9

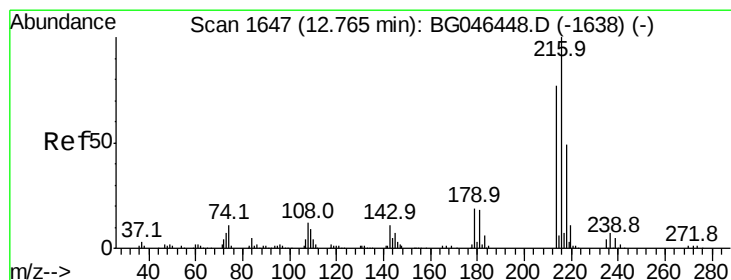
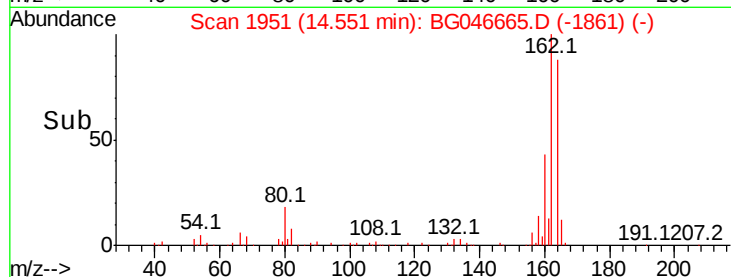
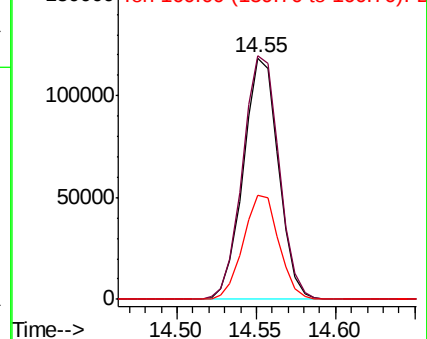


Abundance

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: 36.094 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

Tgt Ion:216 Resp: 216876

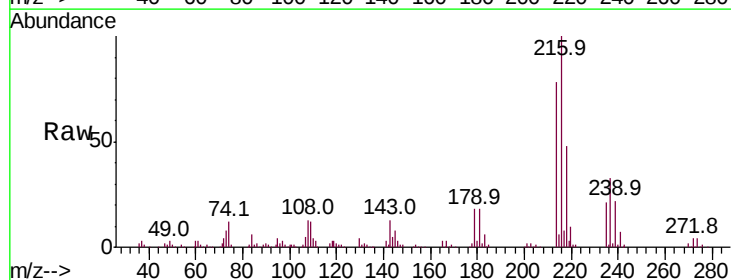
Ion Ratio Lower Upper

216 100

214 77.9 61.9 92.9

179 18.3 14.8 22.2

108 14.0 10.2 15.4



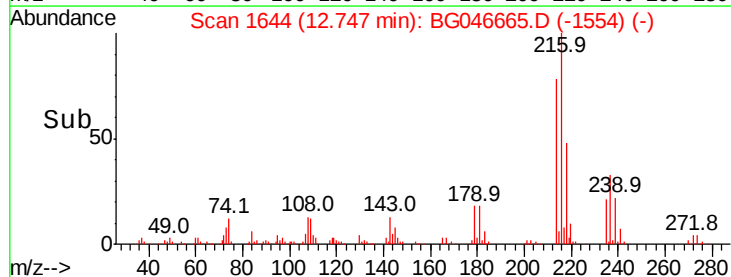
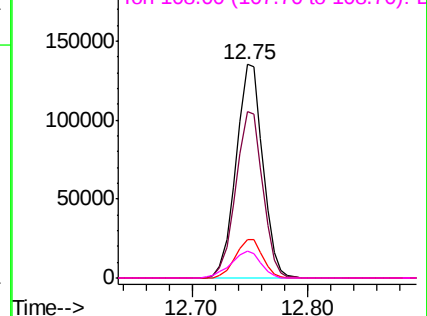
Abundance

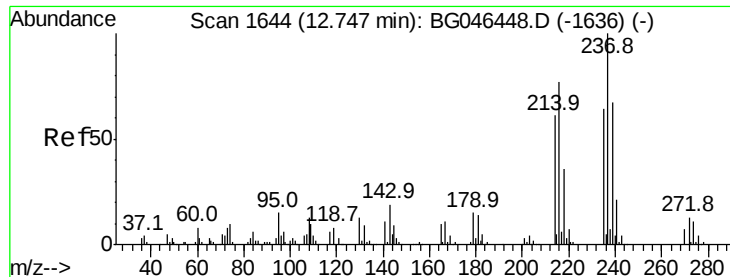
Ion 216.00 (215.70 to 216.70): E

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: 81.608 ng

RT: 12.73 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB131690BSD

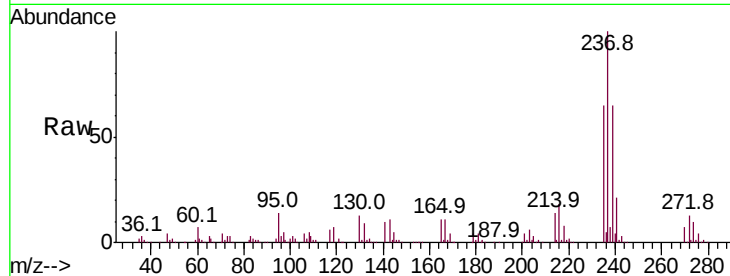
Tot Ion:237 Resp: 213220

Ion Ratio Lower Upper

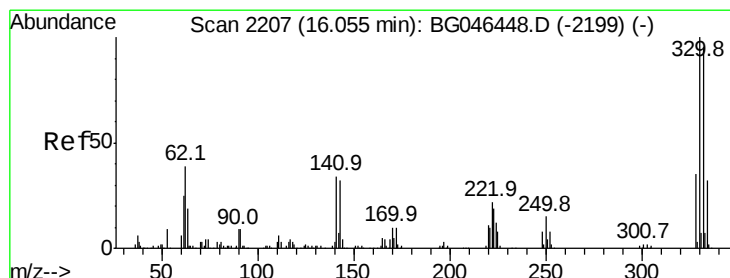
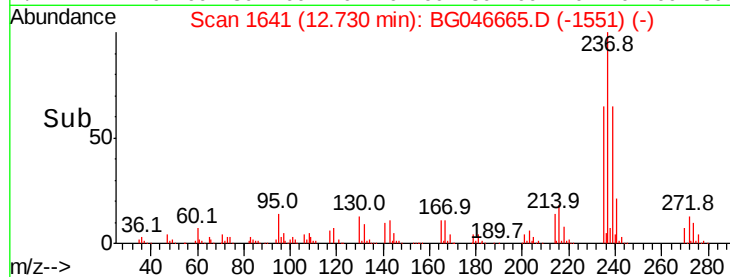
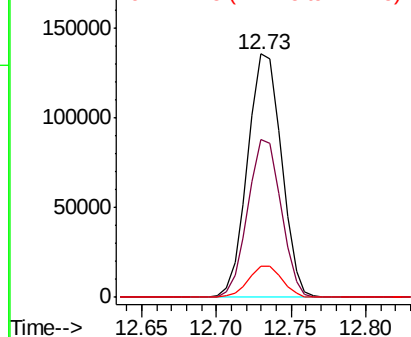
237 100

235 64.7 43.1 83.1

272 12.6 0.0 33.1



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 94.052 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

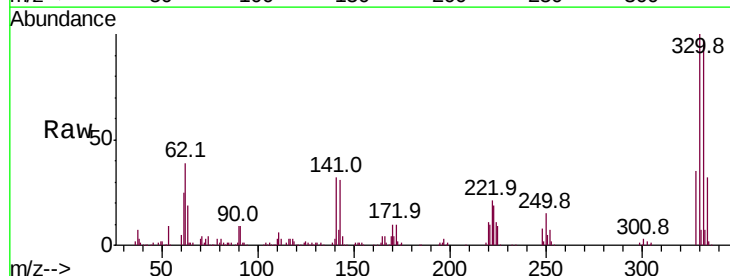
Tgt Ion:330 Resp: 232201

Ion Ratio Lower Upper

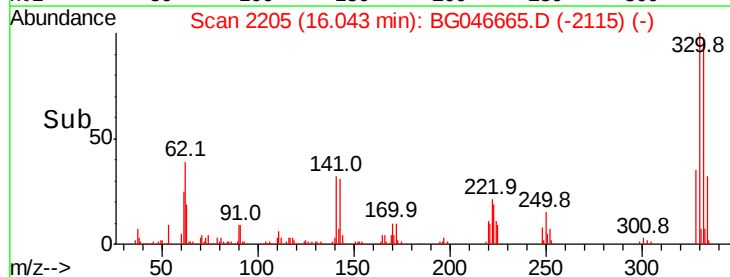
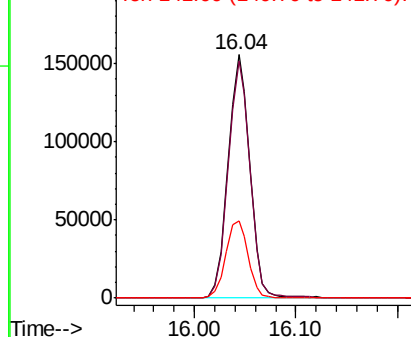
330 100

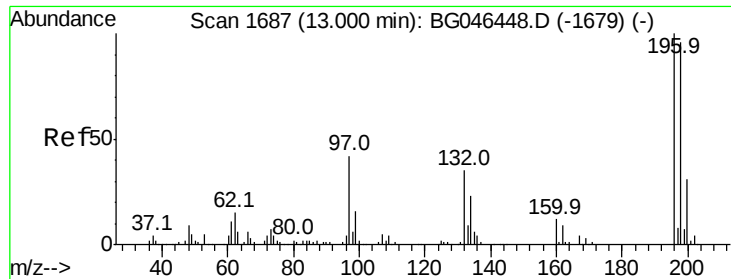
332 97.5 76.5 114.7

141 33.0 26.0 39.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

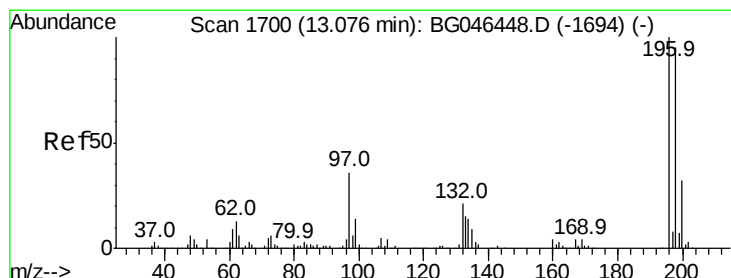
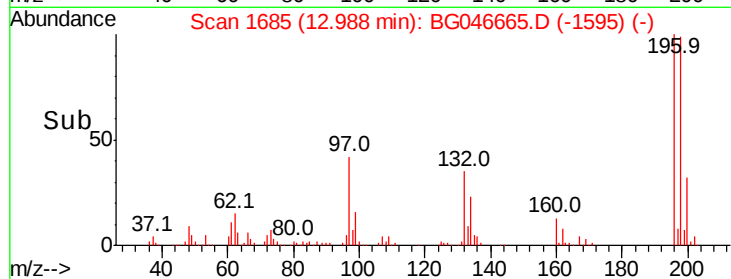
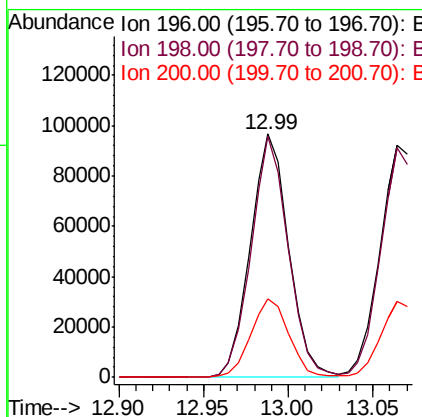
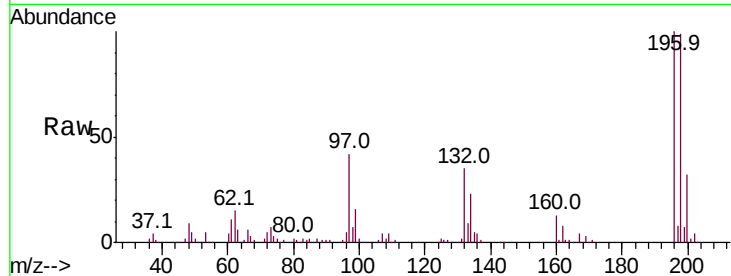




#43
 2,4,6-Trichlorophenol
 Concen: 37.566 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BG046665.D
 Acq: 17 Sep 2020 17:50

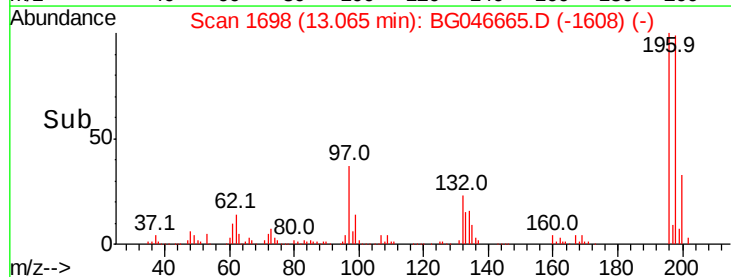
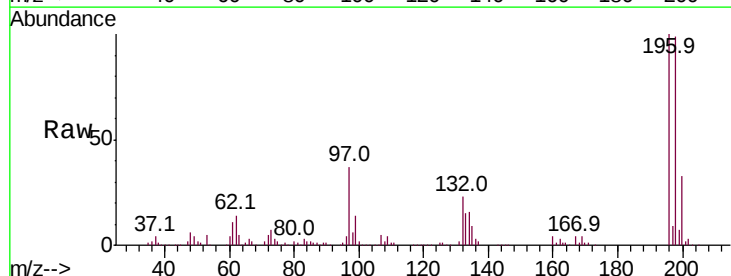
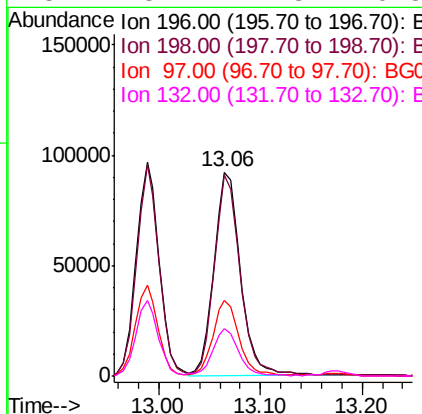
Instrument :
 BNA_G
 ClientSampleId :
 PB131690BSD

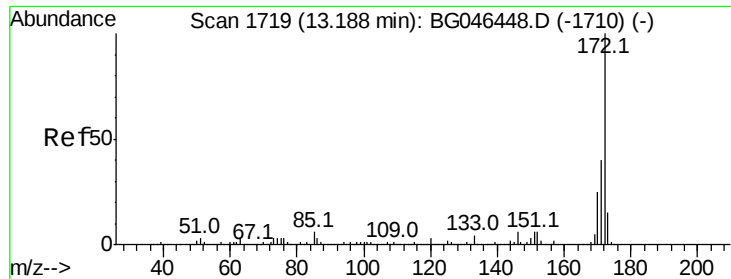
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.8	74.9	112.3
200	32.4	25.3	37.9



#44
 2,4,5-Trichlorophenol
 Concen: 39.172 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG046665.D
 Acq: 17 Sep 2020 17:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.8	77.6	116.4
97	37.3	28.6	43.0
132	23.4	17.8	26.8

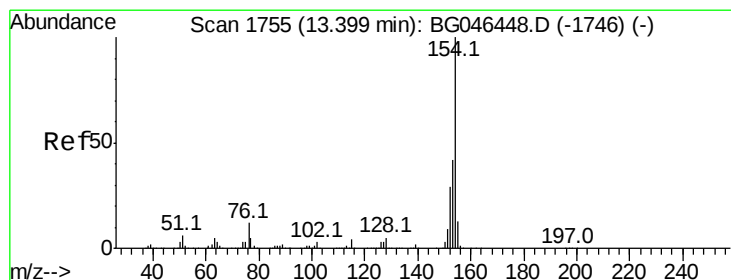
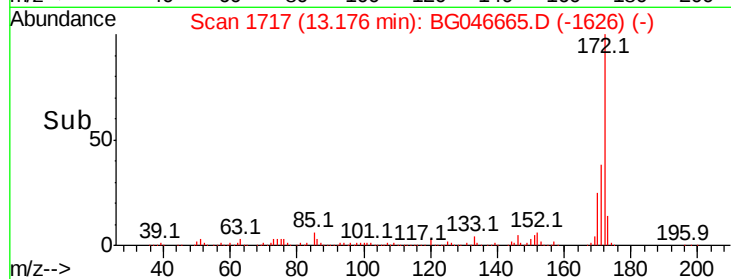
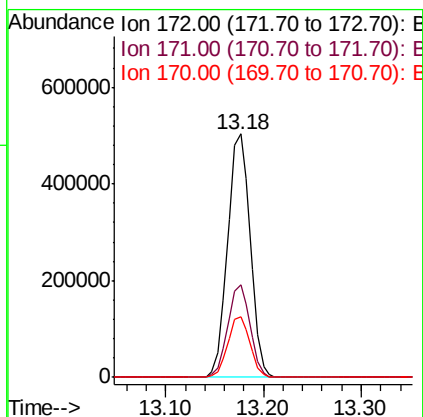
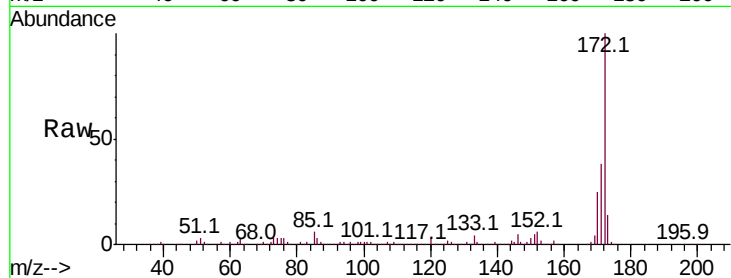




#45
2-Fluorobiphenyl
Concen: 67.521 ng
RT: 13.18 min Scan# 1717
Delta R.T. 0.00 min
Lab File: BG046665.D
Acq: 17 Sep 2020 17:50

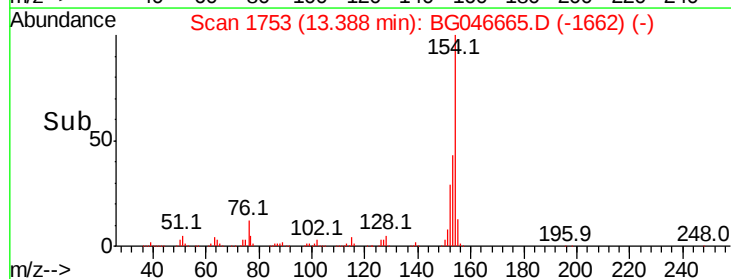
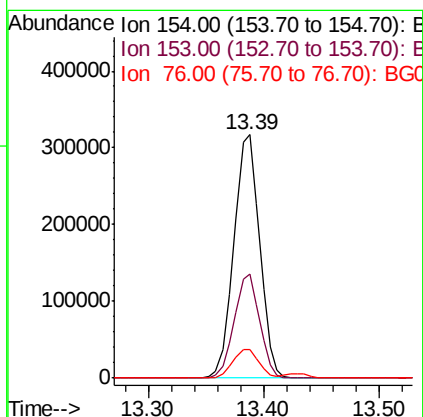
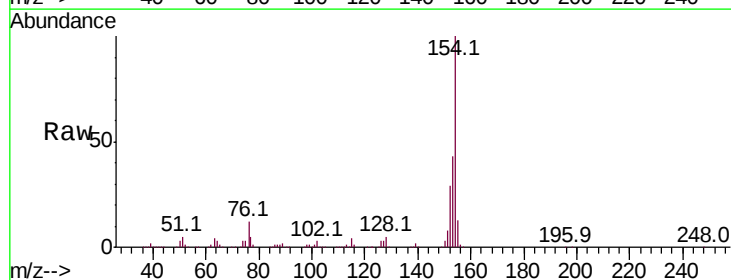
Instrument :
BNA_G
ClientSampleId :
PB131690BSD

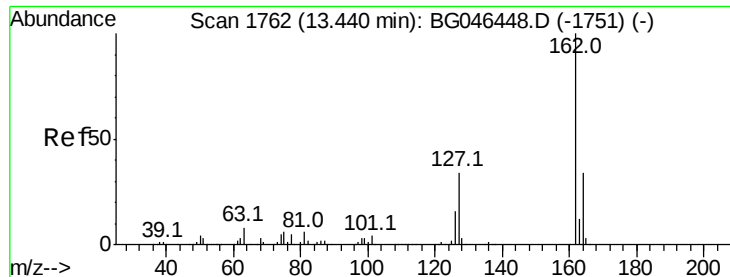
Tot Ion:172 Resp: 805942
Ion Ratio Lower Upper
172 100
171 38.2 31.3 46.9
170 25.0 20.8 31.2



#46
1,1'-Biphenyl
Concen: 38.594 ng
RT: 13.39 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BG046665.D
Acq: 17 Sep 2020 17:50

Tgt Ion:154 Resp: 489276
Ion Ratio Lower Upper
154 100
153 42.9 22.6 62.6
76 11.8 0.0 32.6

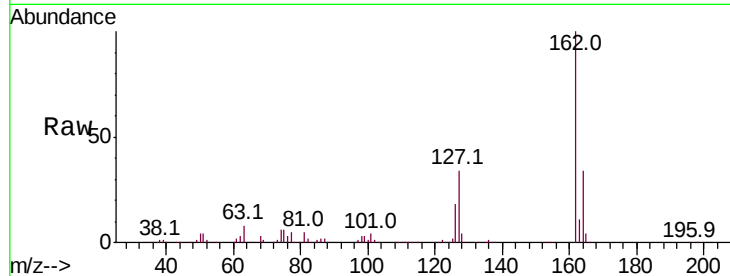




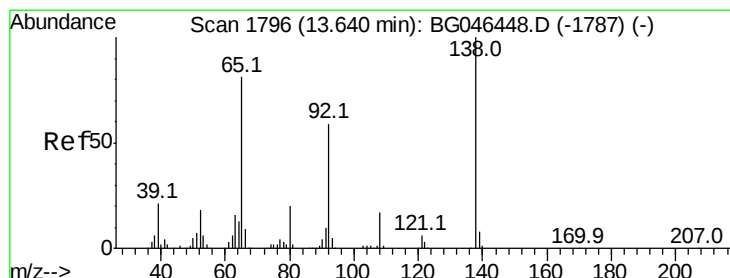
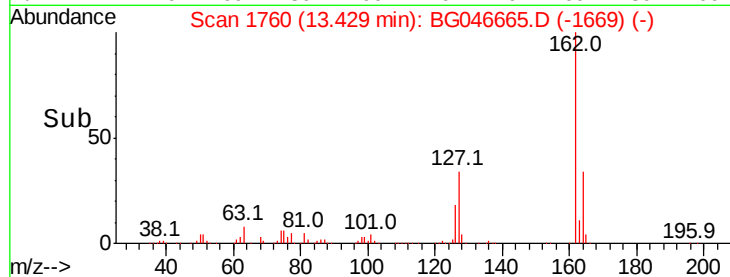
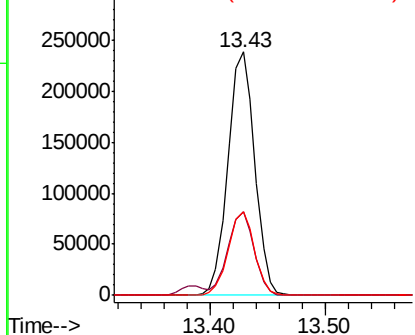
#47
2-Chloronaphthalene
Concen: 35.543 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG046665.D
Acq: 17 Sep 2020 17:50

Instrument :
BNA_G
ClientSampleId :
PB131690BSD

Tot Ion:162 Resp: 382042
Ion Ratio Lower Upper
162 100
127 34.5 27.8 41.6
164 34.1 27.0 40.4

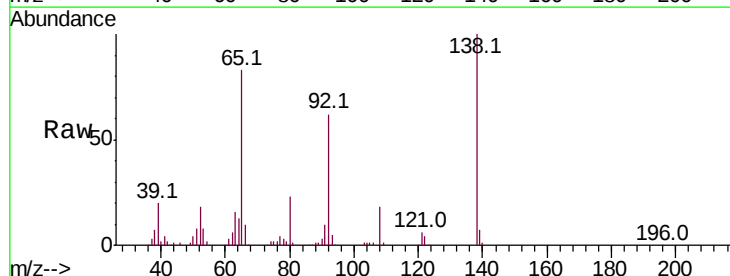


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

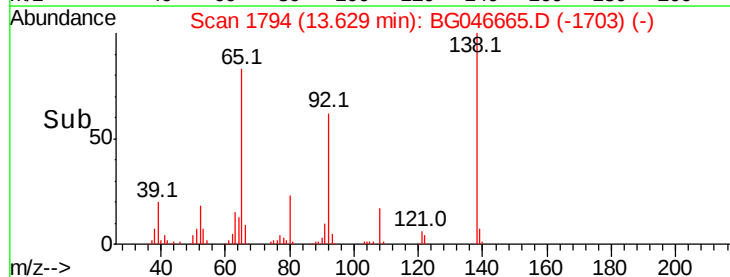
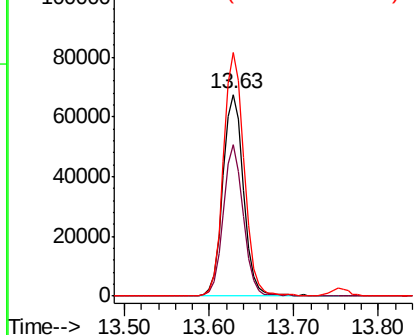


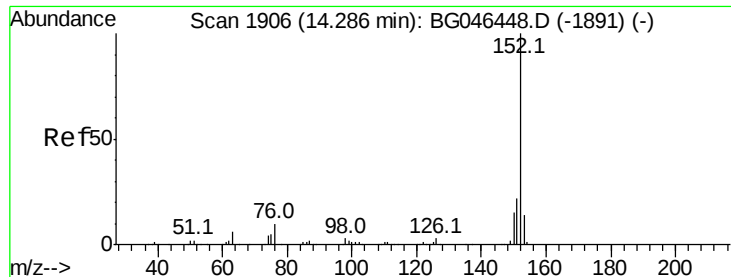
#48
2-Nitroaniline
Concen: 38.181 ng
RT: 13.63 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BG046665.D
Acq: 17 Sep 2020 17:50

Tgt Ion: 65 Resp: 113957
Ion Ratio Lower Upper
65 100
92 74.9 58.6 88.0
138 120.8 98.2 147.4



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.010 ng

RT: 14.27 min Scan# 1904

Delta R.T. 0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB131690BSD

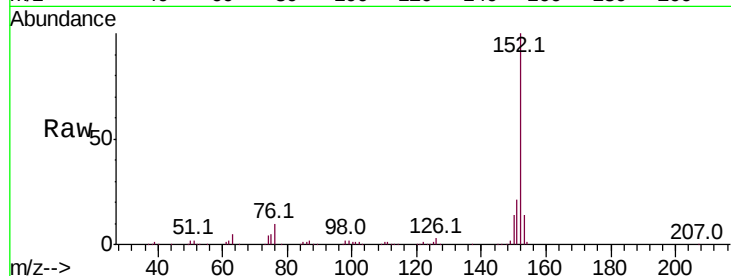
Tot Ion:152 Resp: 636045

Ion Ratio Lower Upper

152 100

151 21.5 17.4 26.0

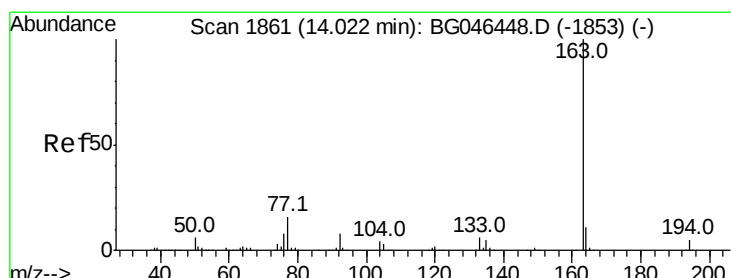
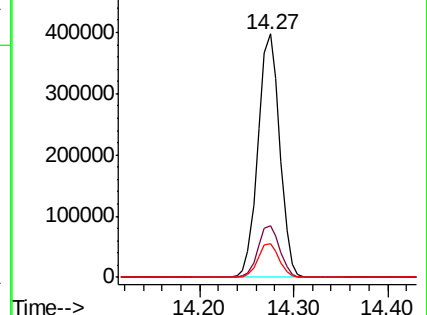
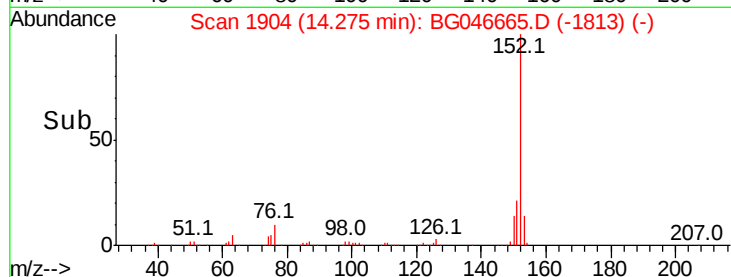
153 14.0 11.5 17.3



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: 38.023 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

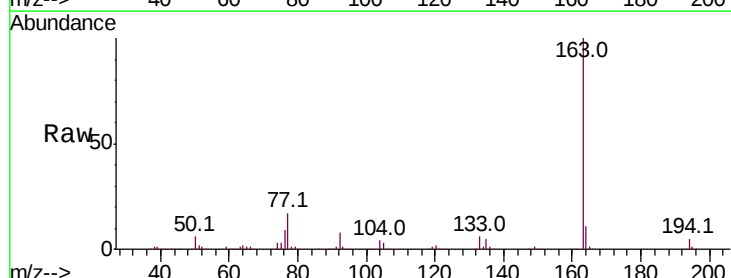
Tgt Ion:163 Resp: 536002

Ion Ratio Lower Upper

163 100

194 4.6 3.8 5.8

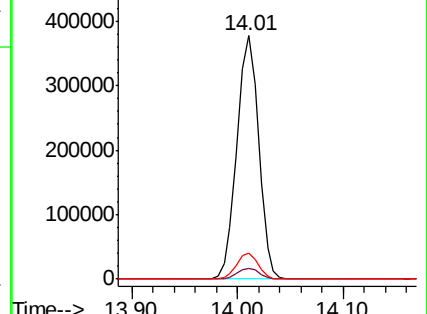
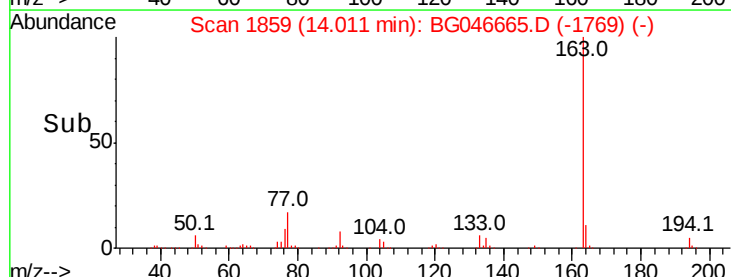
164 10.6 8.8 13.2

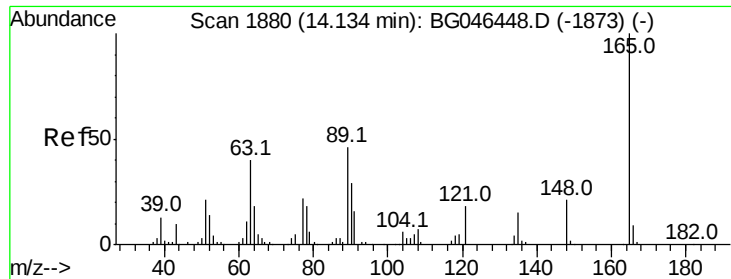


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.478 ng

RT: 14.13 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB131690BSD

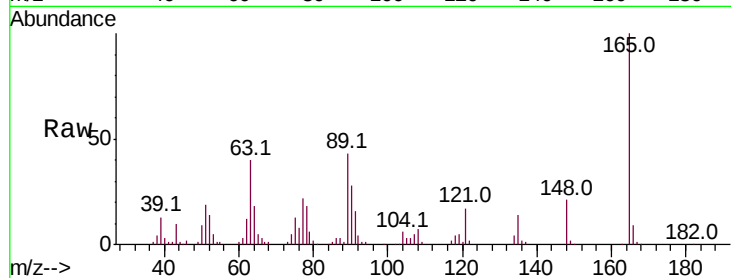
Tot Ion:165 Resp: 122675

Ion Ratio Lower Upper

165 100

63 39.5 33.7 50.5

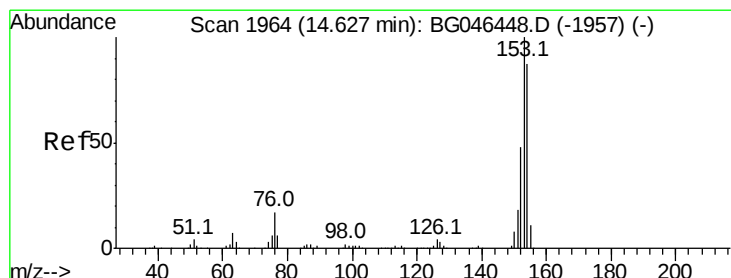
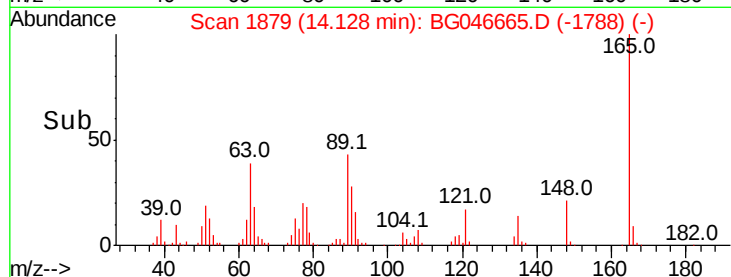
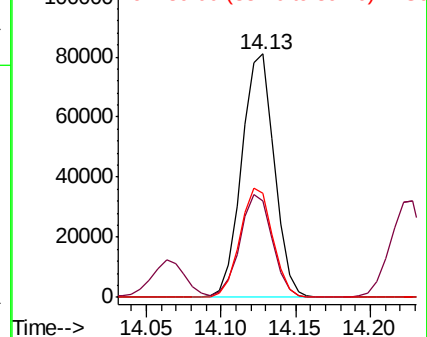
89 42.8 36.6 54.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 36.952 ng

RT: 14.62 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

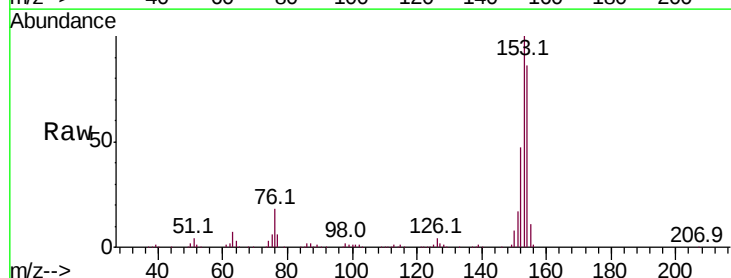
Tgt Ion:154 Resp: 373356

Ion Ratio Lower Upper

154 100

153 116.8 90.3 135.5

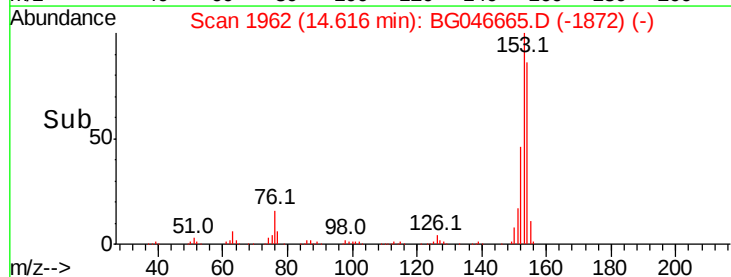
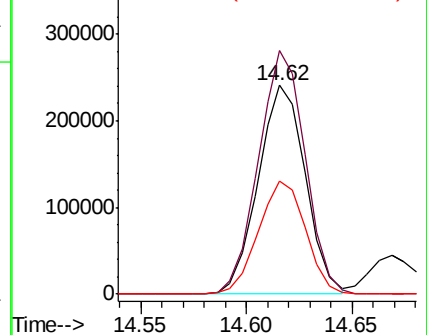
152 54.4 43.8 65.8

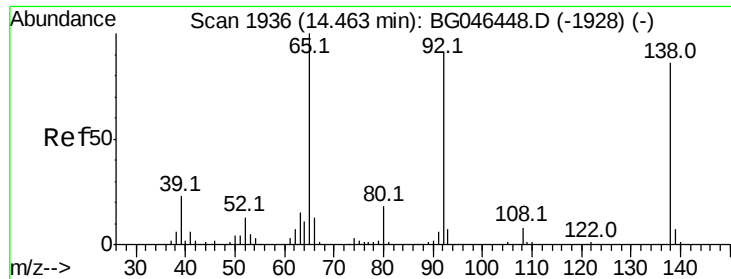


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 29.370 ng

RT: 14.46 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB131690BSD

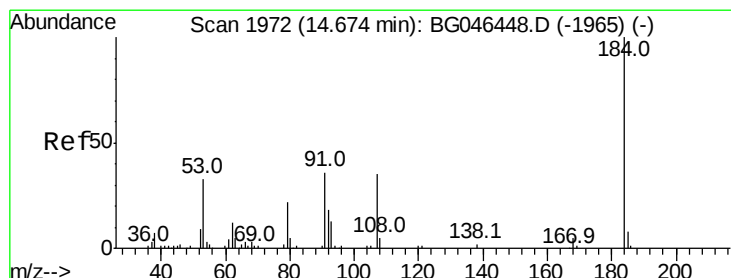
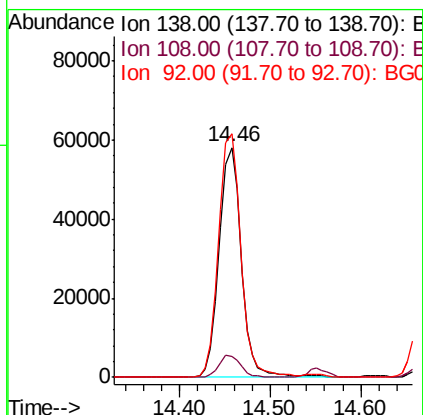
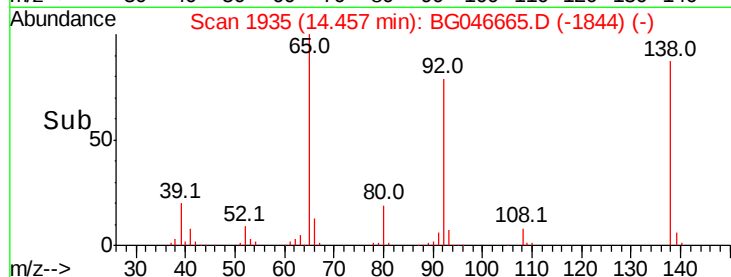
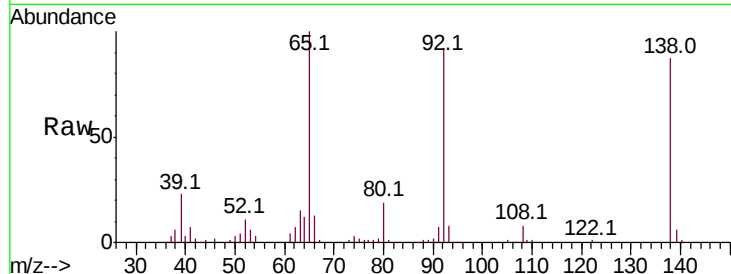
Tot Ion:138 Resp: 98860

Ion Ratio Lower Upper

138 100

108 9.2 7.4 11.0

92 106.0 85.2 127.8



#54

2,4-Dinitrophenol

Concen: 84.209 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

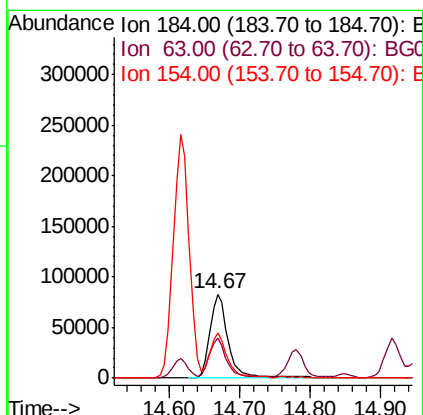
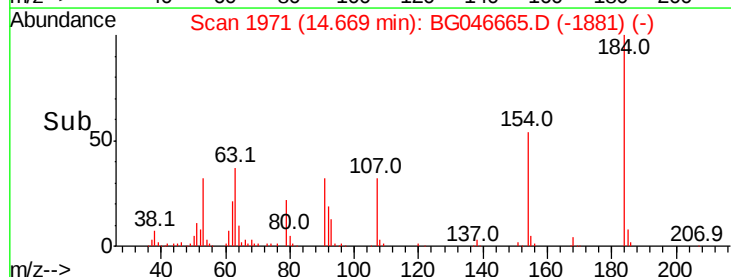
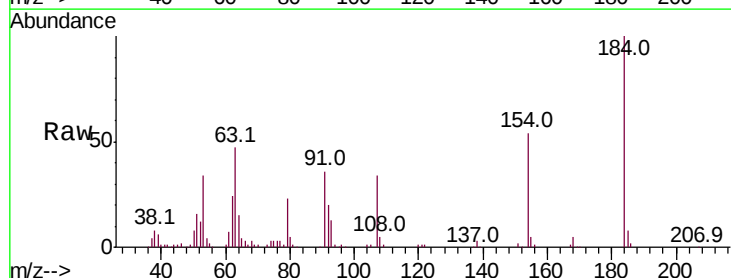
Tgt Ion:184 Resp: 152741

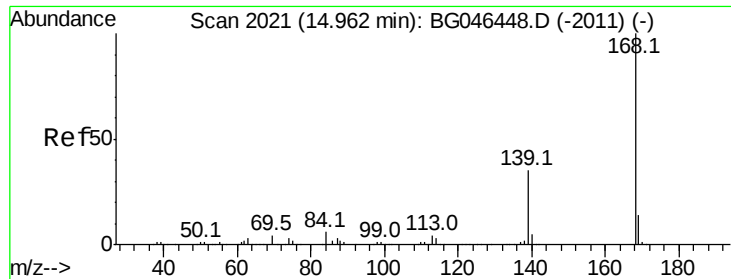
Ion Ratio Lower Upper

184 100

63 47.2 32.3 48.5

154 53.6 40.4 60.6





#55

Dibenzofuran

Concen: 38.689 ng

RT: 14.95 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB131690BSD

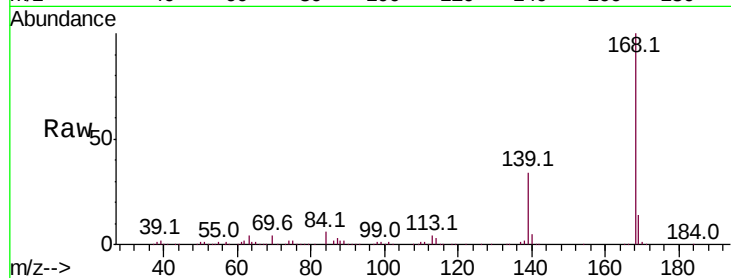
Tot Ion:168 Resp: 627342

Ion Ratio Lower Upper

168 100

139 34.5 28.6 43.0

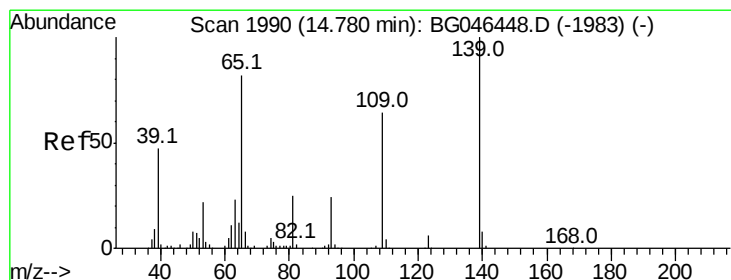
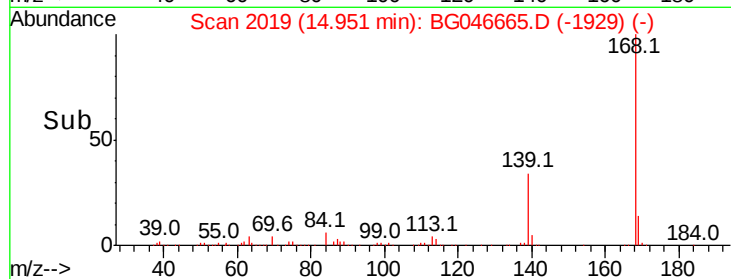
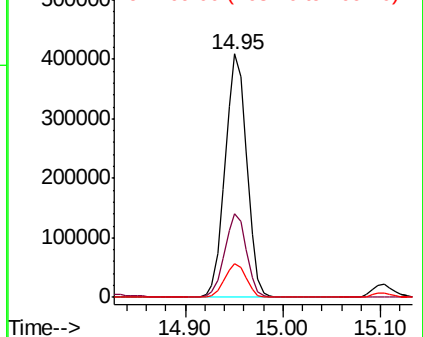
169 14.1 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 78.753 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

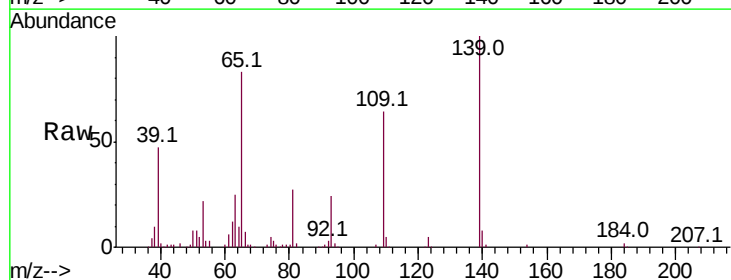
Tgt Ion:139 Resp: 195089

Ion Ratio Lower Upper

139 100

109 63.9 45.9 85.9

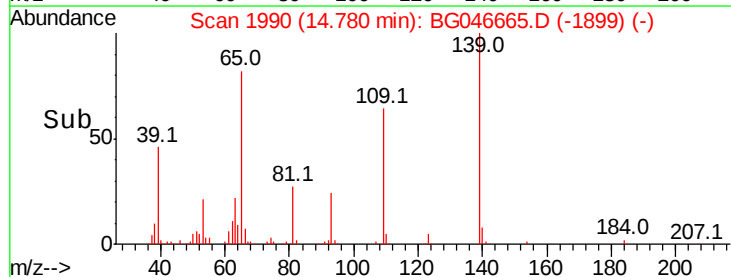
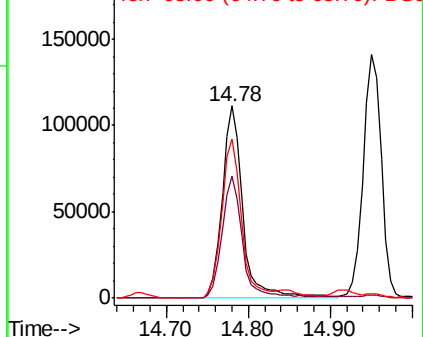
65 82.7 65.4 105.4

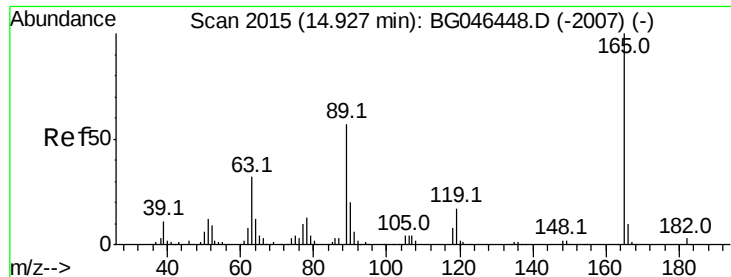


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

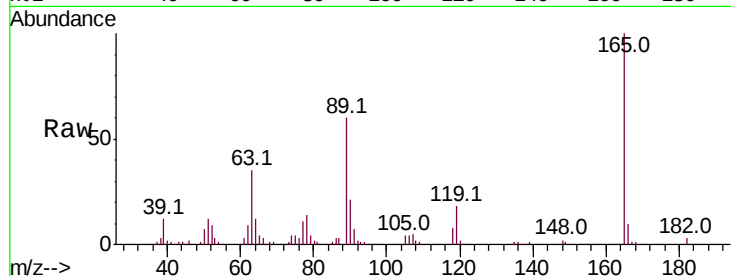




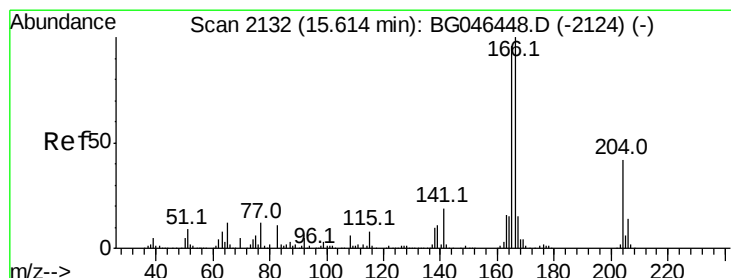
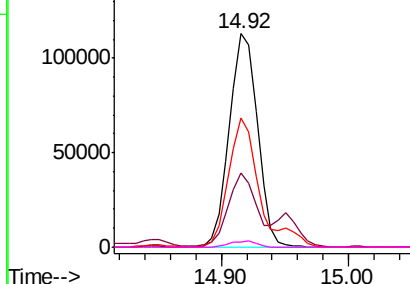
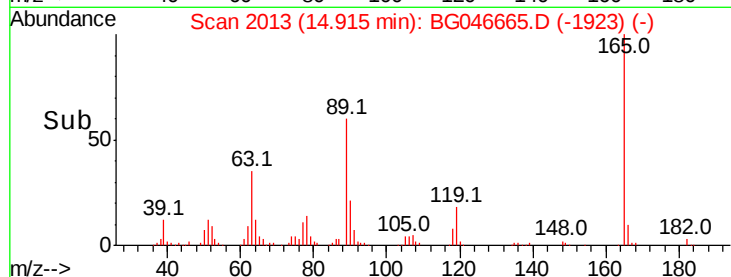
#57
2,4-Dinitrotoluene
Concen: 39.266 ng
RT: 14.92 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG046665.D
Acq: 17 Sep 2020 17:50

Instrument :
BNA_G
ClientSampleId :
PB131690BSD

Tot Ion:165 Resp: 173982
Ion Ratio Lower Upper
165 100
63 34.6 26.4 39.6
89 60.3 47.8 71.8
182 2.7 2.6 4.0

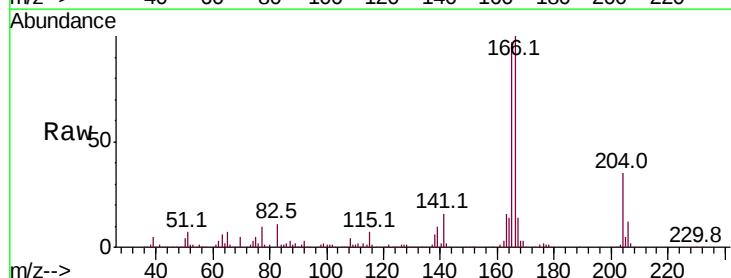


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

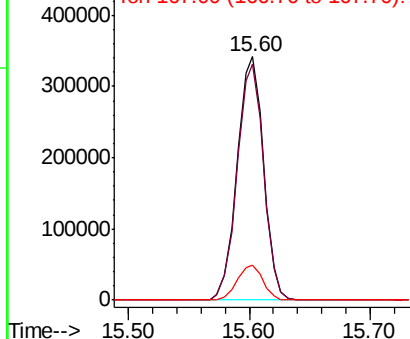
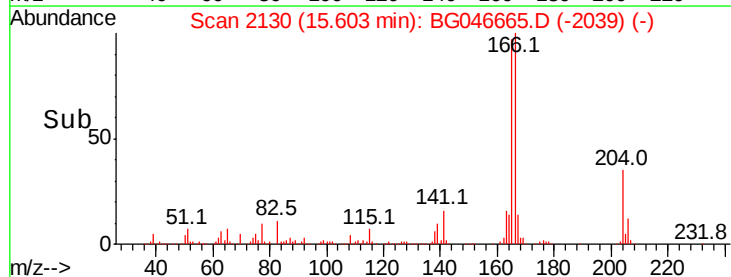


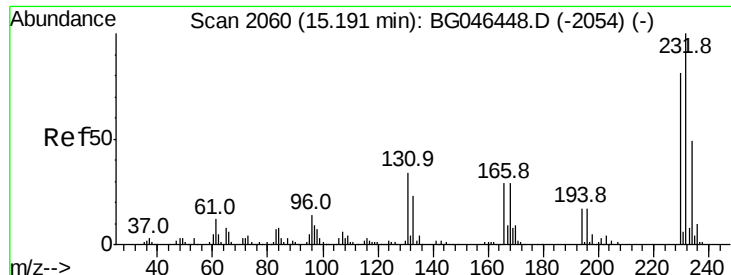
#58
Fluorene
Concen: 38.318 ng
RT: 15.60 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG046665.D
Acq: 17 Sep 2020 17:50

Tgt Ion:166 Resp: 521479
Ion Ratio Lower Upper
166 100
165 97.0 77.2 115.8
167 14.2 11.4 17.2



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

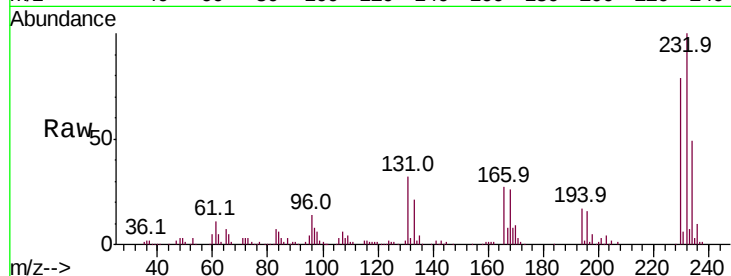




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.140 ng
 RT: 15.19 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BG046665.D
 Acq: 17 Sep 2020 17:50

Instrument :
 BNA_G
 ClientSampleId :
 PB131690BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	33.0	26.6	40.0
130	1.8	1.4	2.0
166	26.2	21.0	31.6



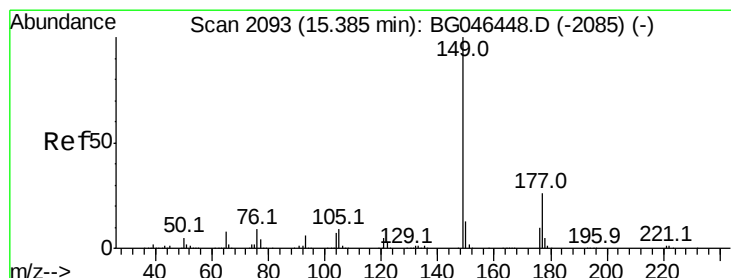
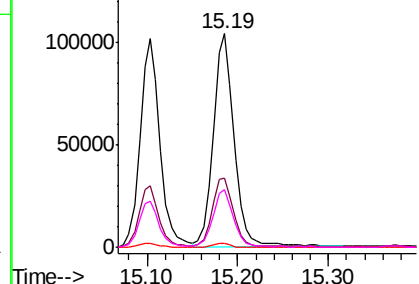
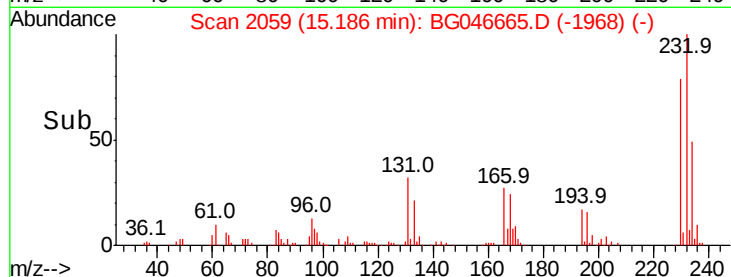
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

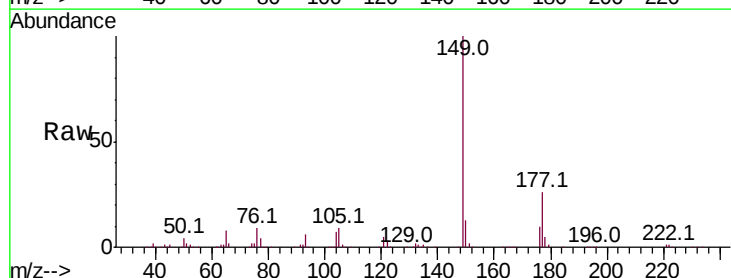
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.651 ng
 RT: 15.37 min Scan# 2091
 Delta R.T. 0.00 min
 Lab File: BG046665.D
 Acq: 17 Sep 2020 17:50

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.6	21.4	32.2
150	13.4	10.7	16.1

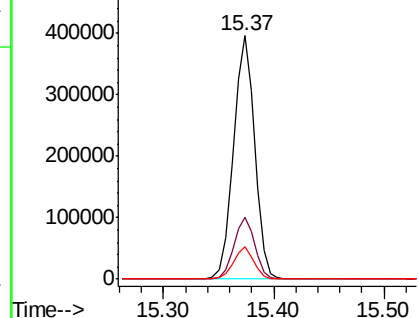
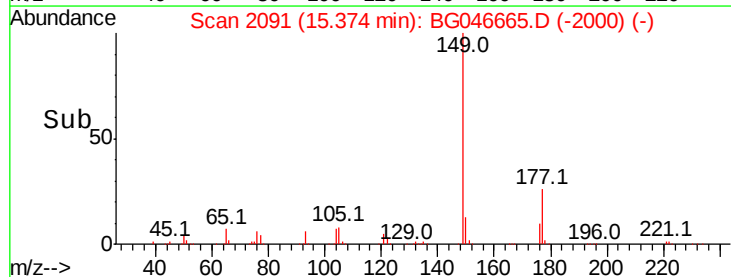


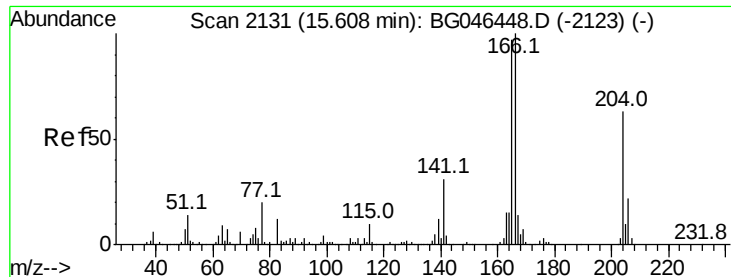
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

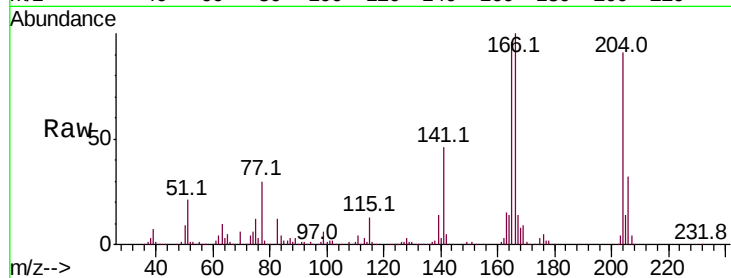




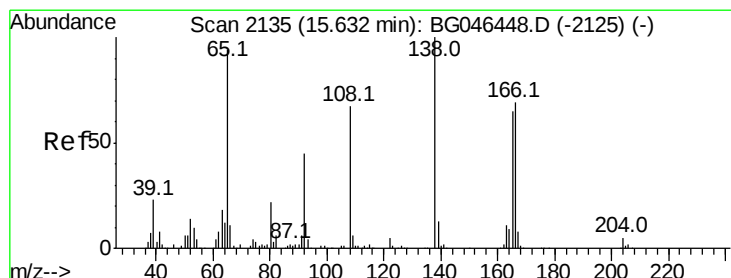
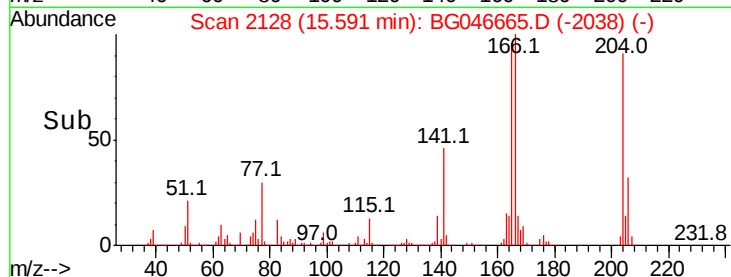
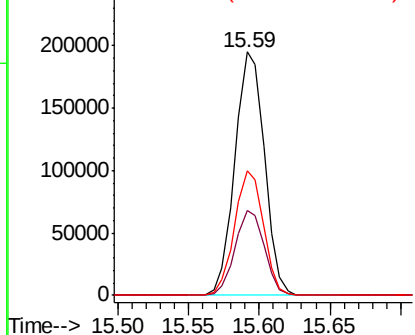
#61
 4-Chlorophenyl-phenylether
 Concen: 37.931 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BG046665.D
 Acq: 17 Sep 2020 17:50

Instrument :
 BNA_G
 ClientSampleID :
 PB131690BSD

Tot Ion:204 Resp: 284298
 Ion Ratio Lower Upper
 204 100
 206 34.8 27.8 41.8
 141 51.2 41.5 62.3

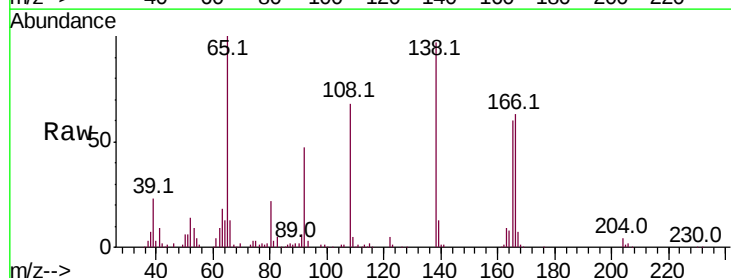


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

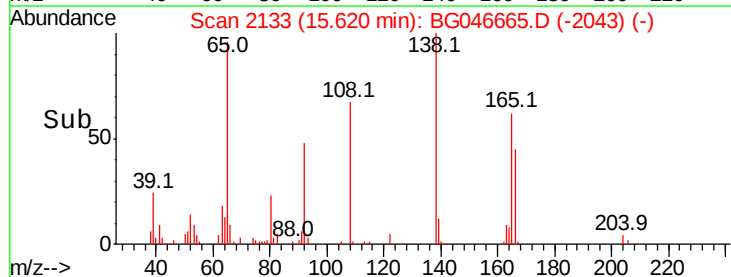
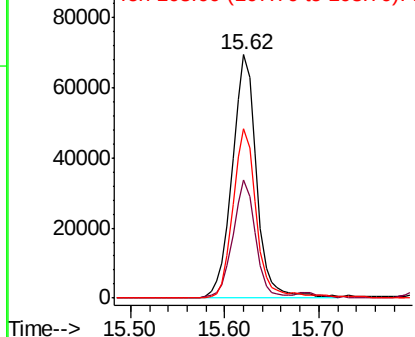


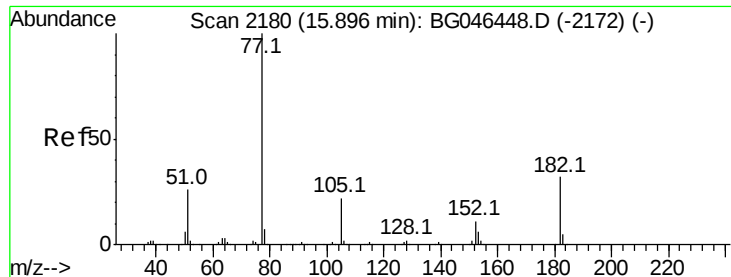
#62
 4-Nitroaniline
 Concen: 35.294 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. -0.00 min
 Lab File: BG046665.D
 Acq: 17 Sep 2020 17:50

Tgt Ion:138 Resp: 125350
 Ion Ratio Lower Upper
 138 100
 92 48.5 26.9 66.9
 108 69.5 49.4 89.4



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

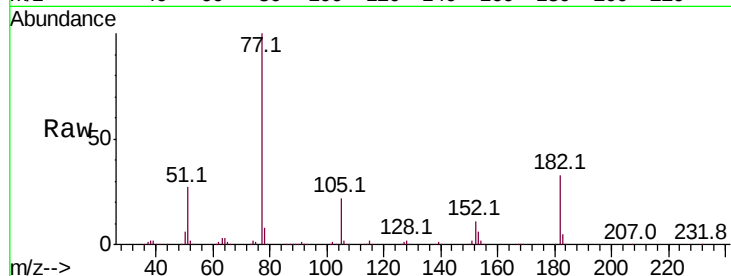




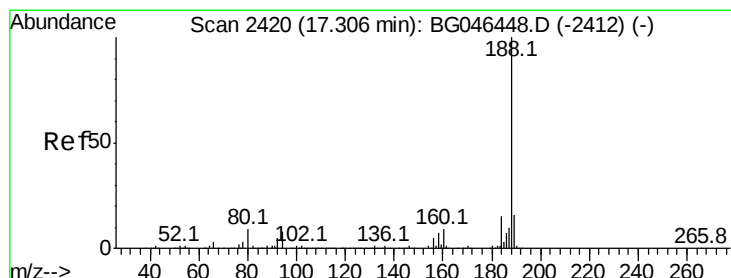
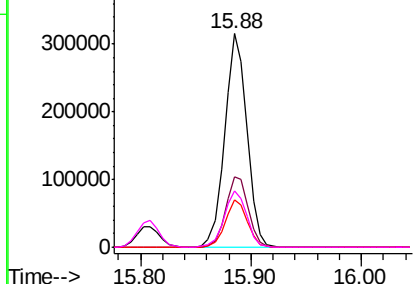
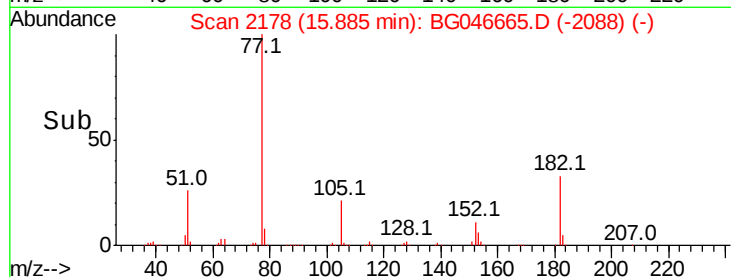
#63
Azobenzene
Concen: 39.524 ng
RT: 15.88 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BG046665.D
Acq: 17 Sep 2020 17:50

Instrument :
BNA_G
ClientSampleId :
PB131690BSD

Tot Ion: 77 Resp: 441886
Ion Ratio Lower Upper
77 100
182 33.0 14.0 54.0
105 22.4 3.0 43.0
51 26.5 8.1 48.1

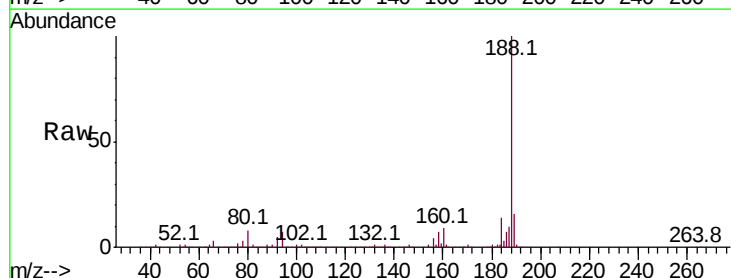


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

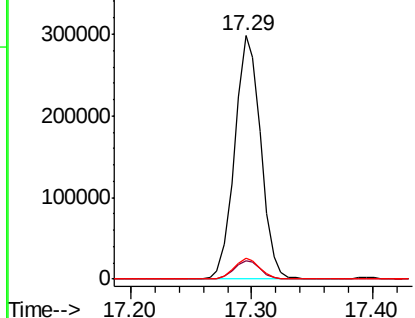
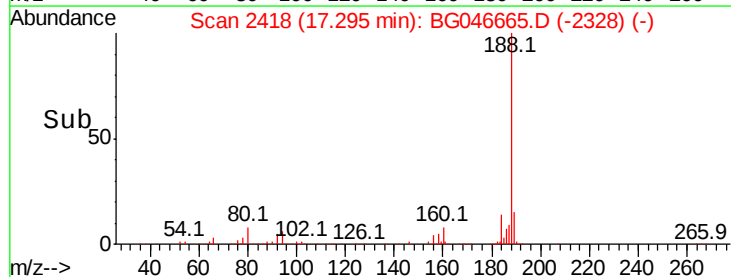


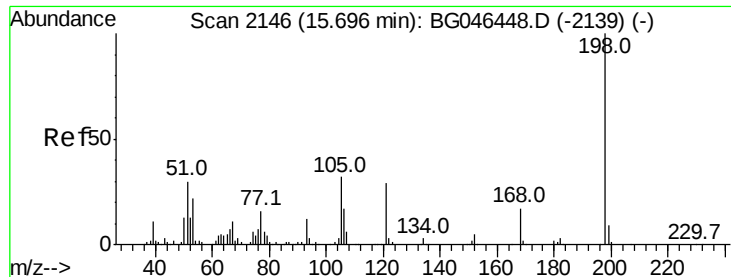
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG046665.D
Acq: 17 Sep 2020 17:50

Tgt Ion: 188 Resp: 447391
Ion Ratio Lower Upper
188 100
94 7.4 6.3 9.5
80 8.4 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

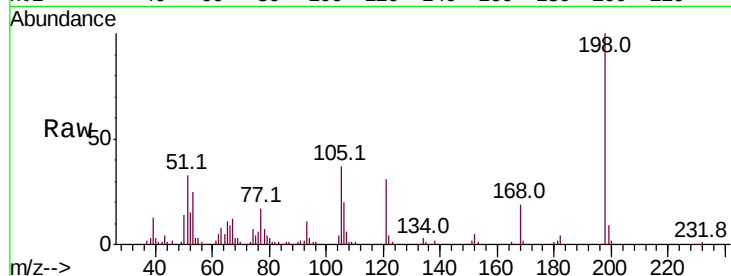




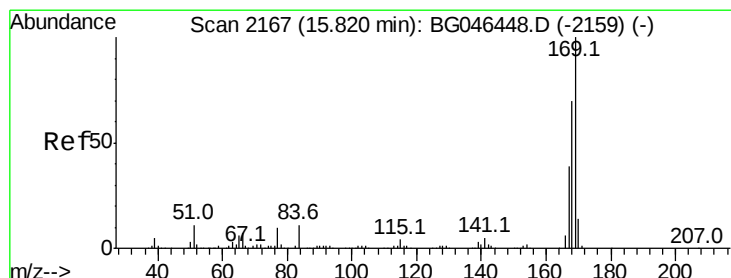
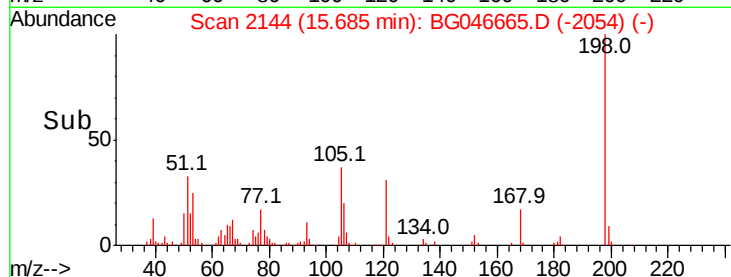
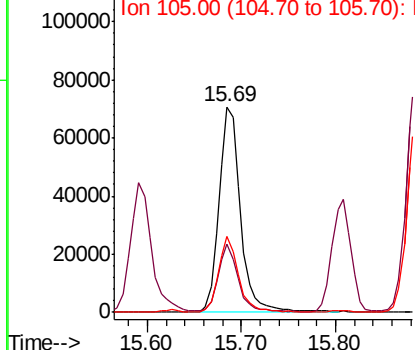
#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.503 ng
 RT: 15.69 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BG046665.D
 Acq: 17 Sep 2020 17:50

Instrument :
 BNA_G
 ClientSampleId :
 PB131690BSD

Tot Ion:198 Resp: 112692
 Ion Ratio Lower Upper
 198 100
 51 33.1 10.4 50.4
 105 36.6 12.9 52.9

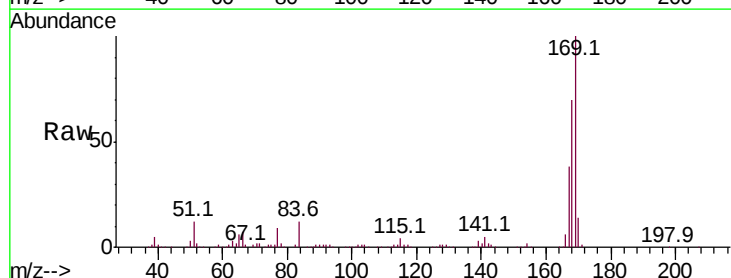


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

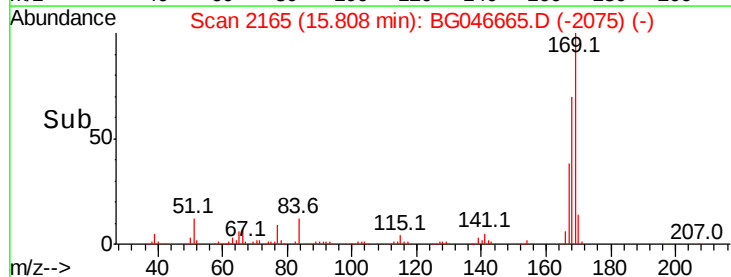
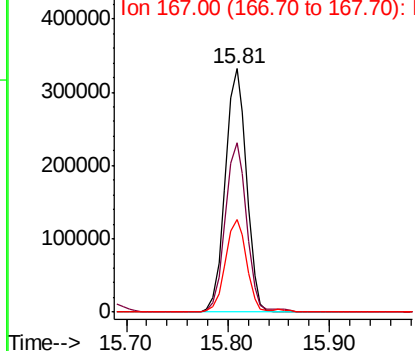


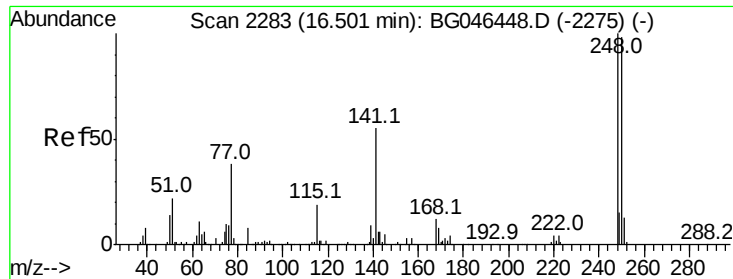
#66
 n-Nitrosodiphenylamine
 Concen: 39.903 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: BG046665.D
 Acq: 17 Sep 2020 17:50

Tgt Ion:169 Resp: 481616
 Ion Ratio Lower Upper
 169 100
 168 69.8 55.5 83.3
 167 38.3 30.5 45.7



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

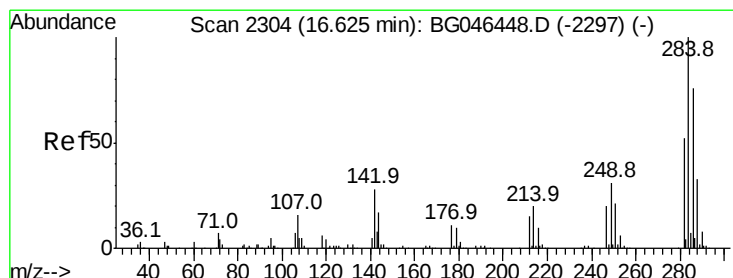
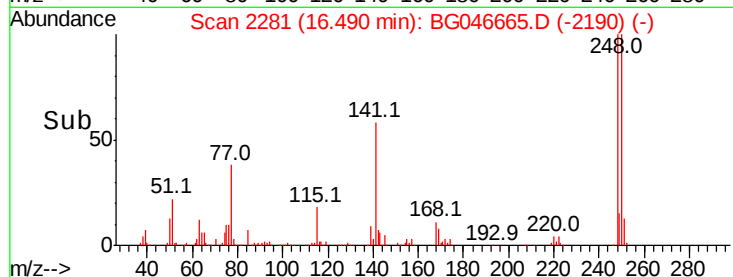
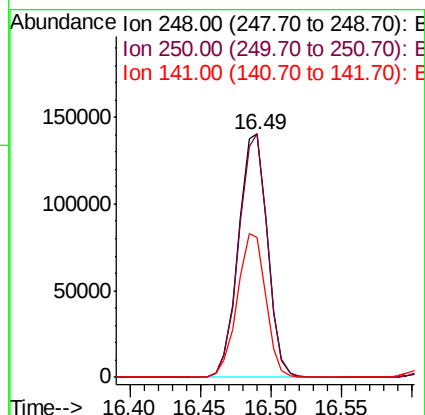
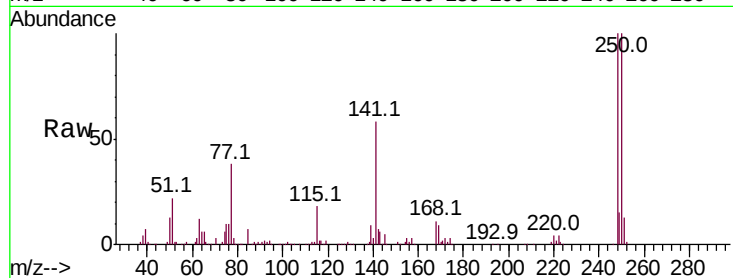




#67
4-Bromophenyl-phenylether
Concen: 38.562 ng
RT: 16.49 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BG046665.D
Acq: 17 Sep 2020 17:50

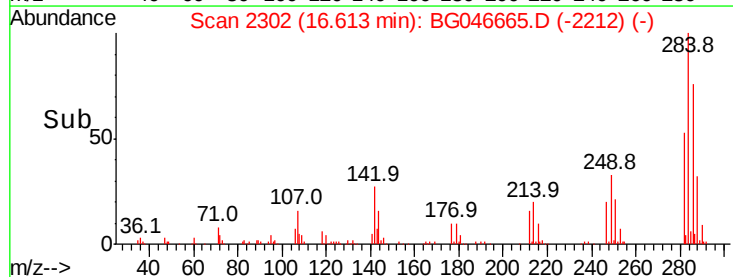
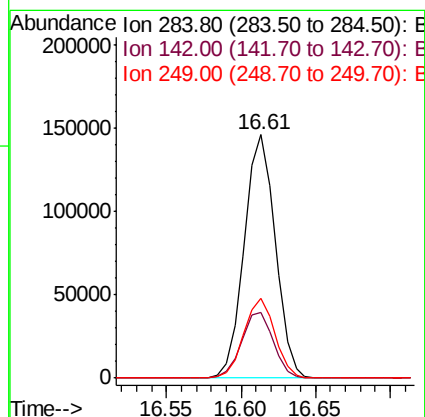
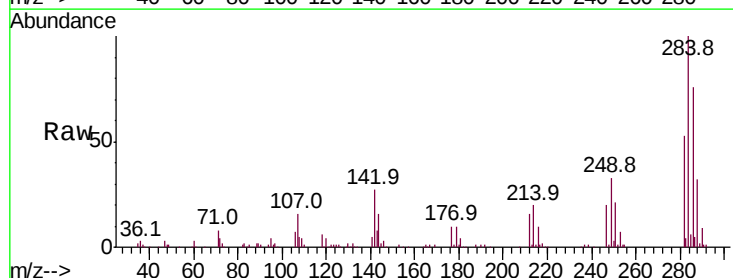
Instrument :
BNA_G
ClientSampleId :
PB131690BSD

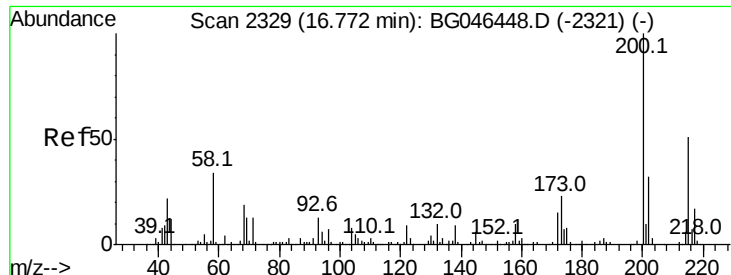
Tot Ion	Ratio	Lower	Upper
248	100		
250	100.0	78.9	118.3
141	57.7	46.2	69.4



#68
Hexachlorobenzene
Concen: 36.326 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG046665.D
Acq: 17 Sep 2020 17:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.8	21.1	31.7
249	32.6	25.9	38.9





#69

Atrazine

Concen: 36.062 ng

RT: 16.76 min Scan# 2327

Delta R.T. 0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB131690BSD

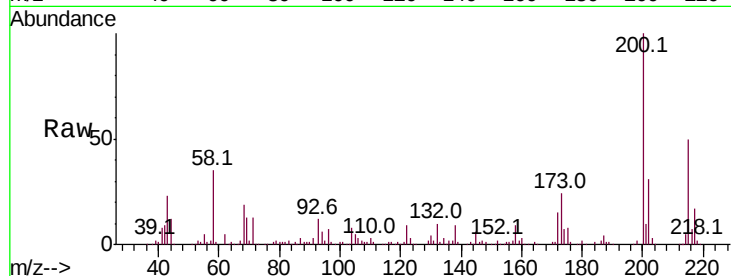
Tot Ion:200 Resp: 177566

Ion Ratio Lower Upper

200 100

173 23.8 4.2 44.2

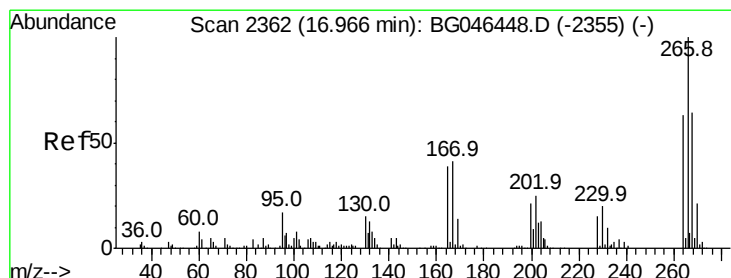
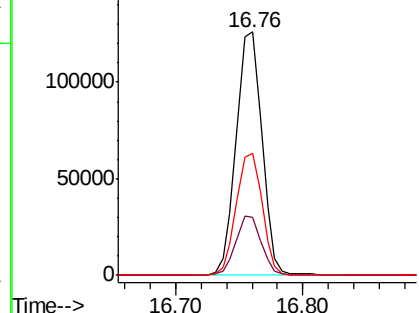
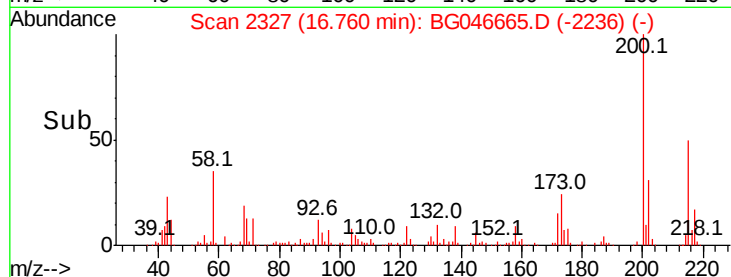
215 50.3 30.0 70.0



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: 76.001 ng

RT: 16.96 min Scan# 2361

Delta R.T. 0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

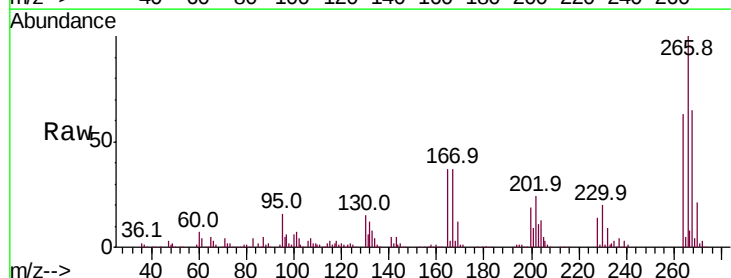
Tgt Ion:266 Resp: 229543

Ion Ratio Lower Upper

266 100

268 65.2 49.8 74.6

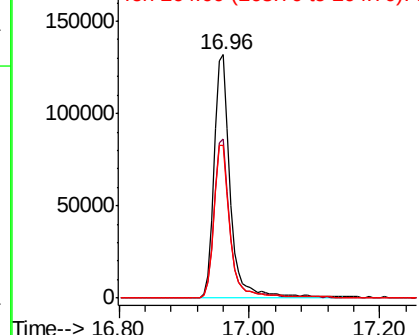
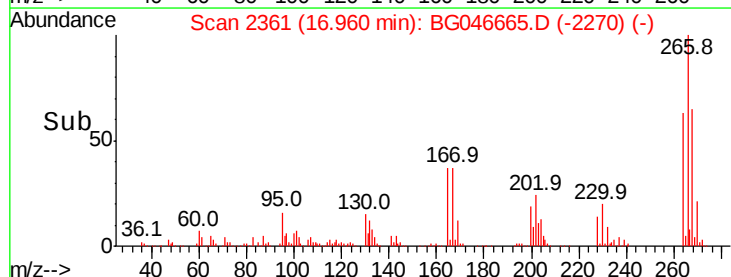
264 62.7 49.3 73.9

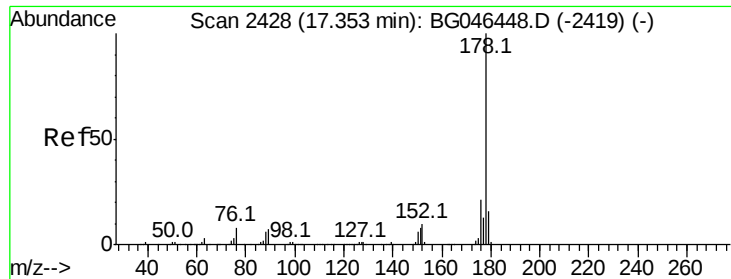


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

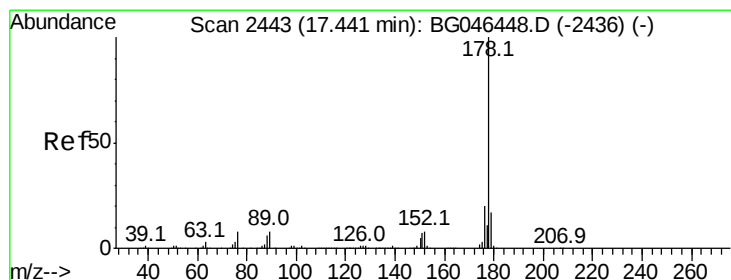
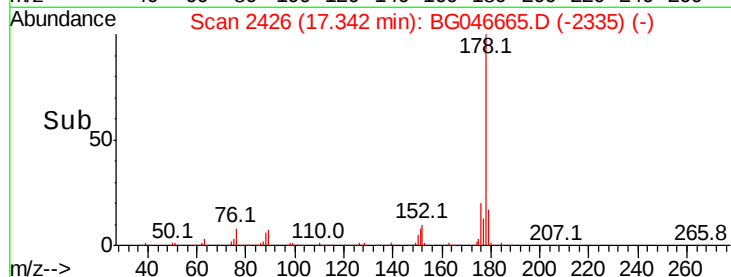
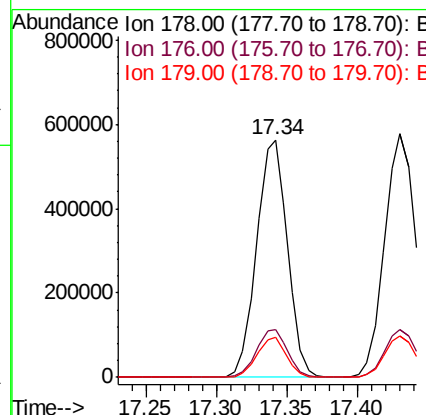
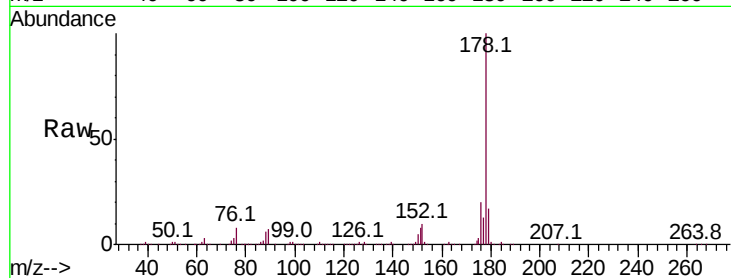




#71
Phenanthrene
Concen: 38.164 ng
RT: 17.34 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BG046665.D
Acq: 17 Sep 2020 17:50

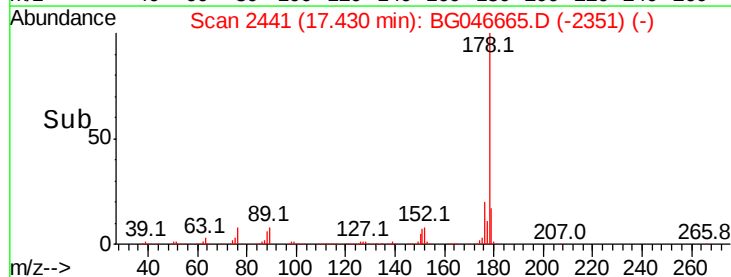
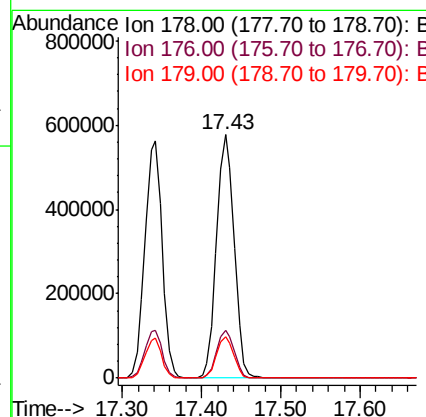
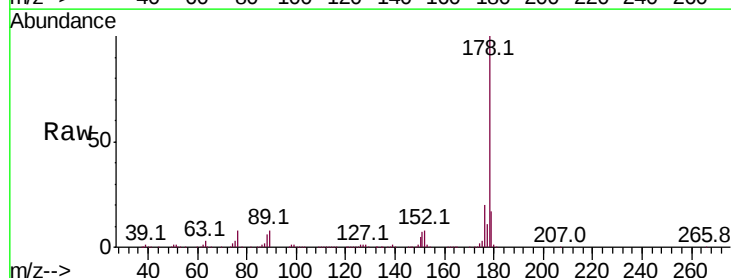
Instrument :
BNA_G
ClientSampleId :
PB131690BSD

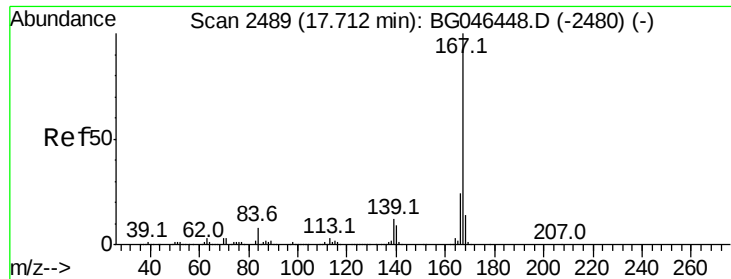
Tot Ion:178 Resp: 865438
Ion Ratio Lower Upper
178 100
176 20.4 16.7 25.1
179 16.9 14.0 21.0



#72
Anthracene
Concen: 39.859 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG046665.D
Acq: 17 Sep 2020 17:50

Tgt Ion:178 Resp: 891804
Ion Ratio Lower Upper
178 100
176 19.9 16.4 24.6
179 16.9 13.8 20.6

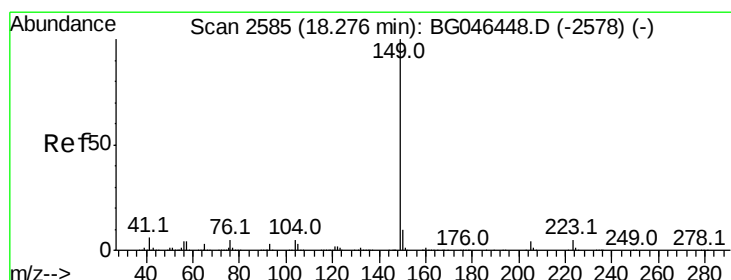
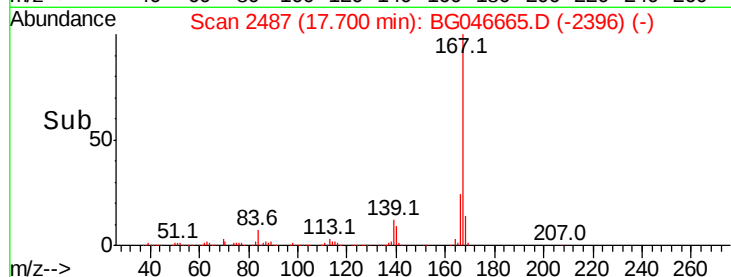
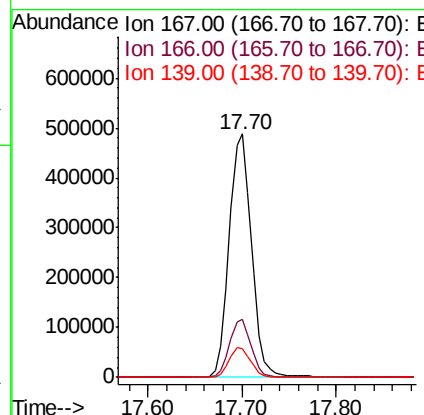
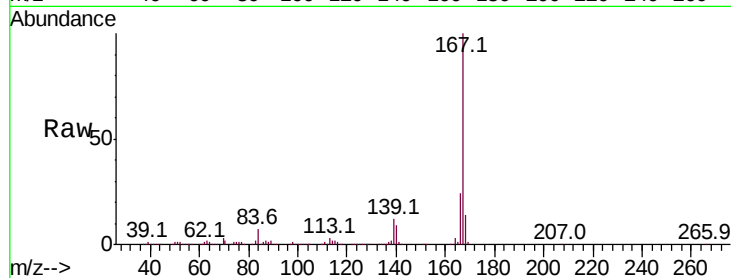




#73
 Carbazole
 Concen: 38.355 ng
 RT: 17.70 min Scan# 2487
 Delta R.T. 0.00 min
 Lab File: BG046665.D
 Acq: 17 Sep 2020 17:50

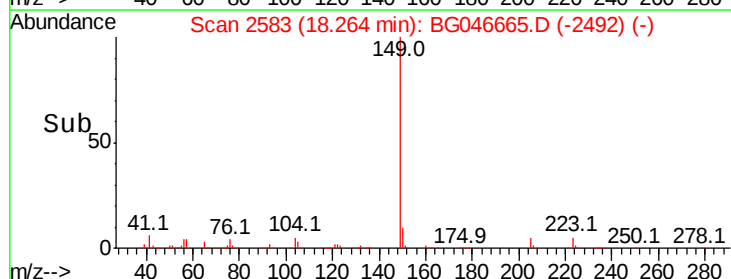
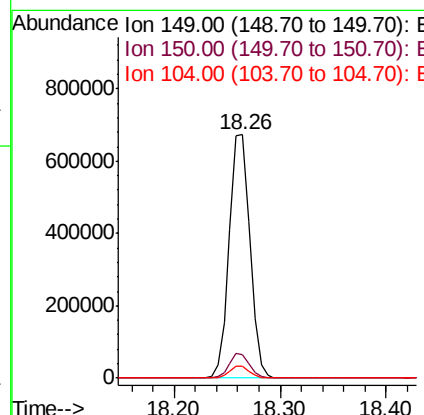
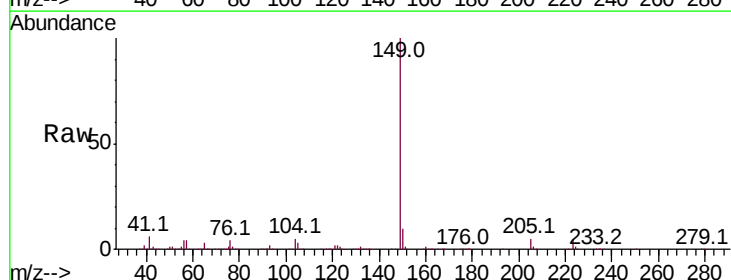
Instrument :
 BNA_G
 ClientSampleId :
 PB131690BSD

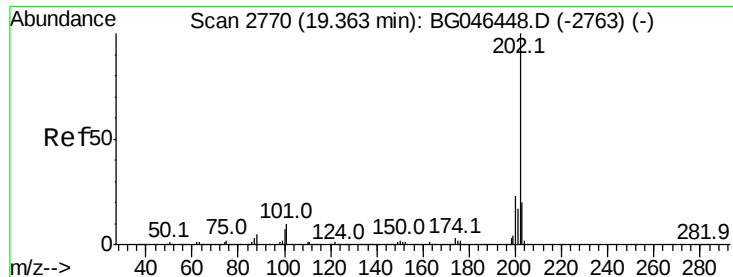
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.8	18.7	28.1
139	11.9	9.6	14.4



#74
 Di-n-butylphthalate
 Concen: 37.717 ng
 RT: 18.26 min Scan# 2583
 Delta R.T. 0.00 min
 Lab File: BG046665.D
 Acq: 17 Sep 2020 17:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.2	12.4
104	4.7	3.8	5.8





#75

Fluoranthene

Concen: 37.483 ng

RT: 19.35 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB131690BSD

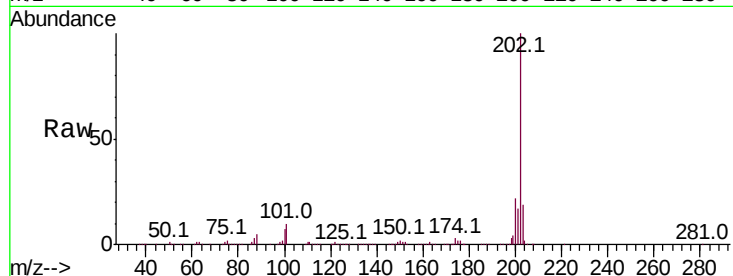
Tot Ion:202 Resp: 1093871

Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.7

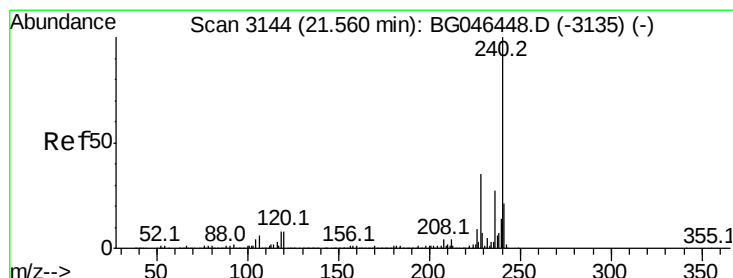
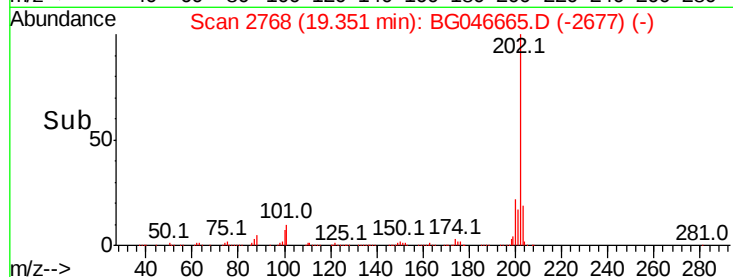
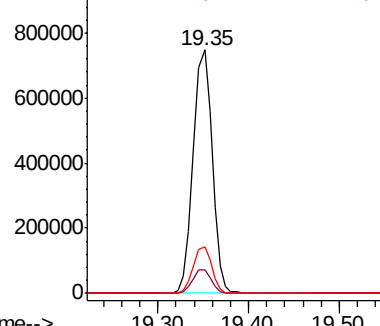
203 19.3 0.0 39.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

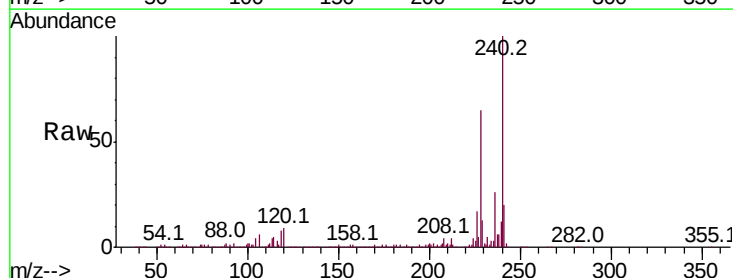
Tgt Ion:240 Resp: 448023

Ion Ratio Lower Upper

240 100

120 8.9 6.2 9.4

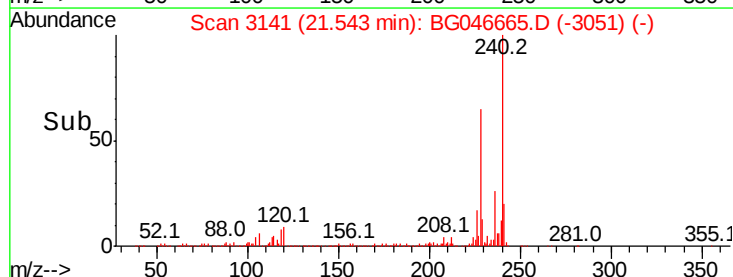
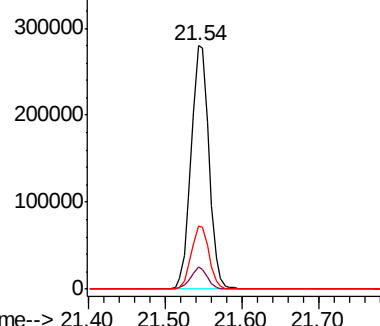
236 26.1 20.5 30.7

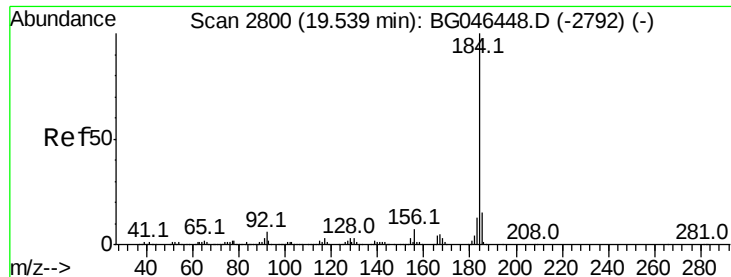


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

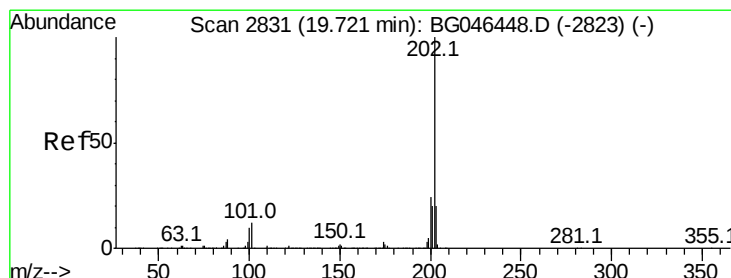
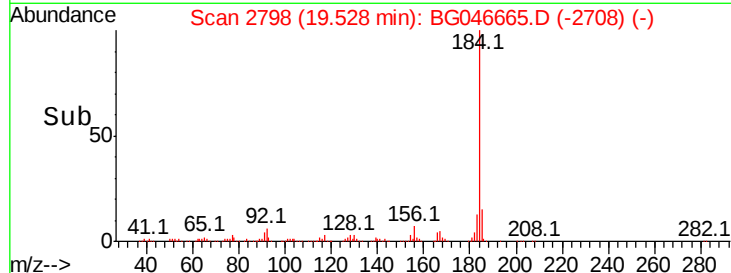
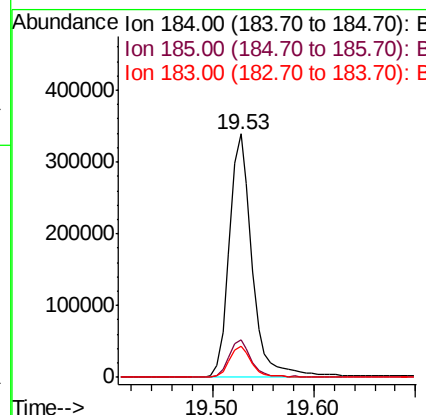
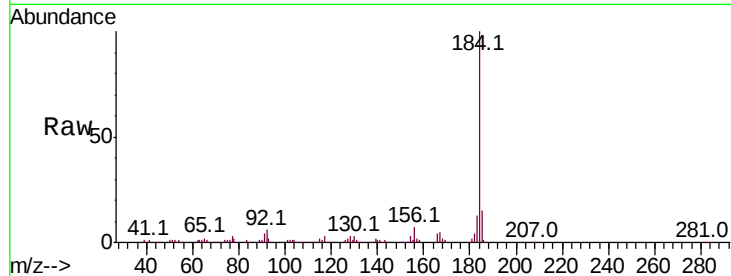




#77
Benzidine
Concen: 51.305 ng
RT: 19.53 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BG046665.D
Acq: 17 Sep 2020 17:50

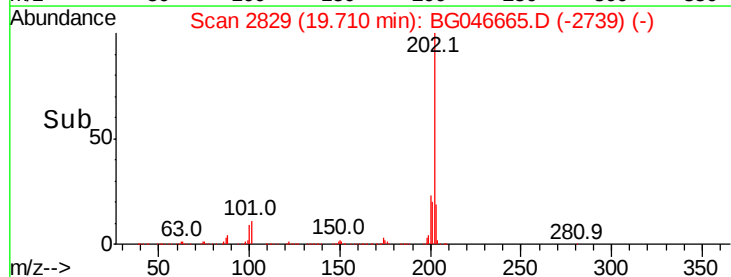
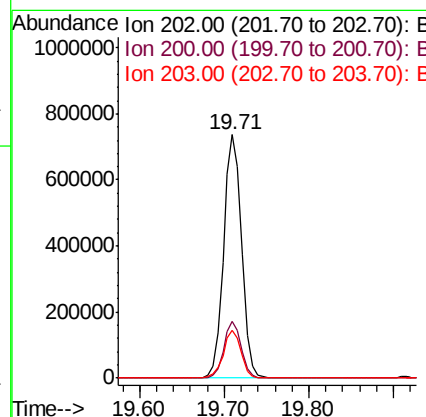
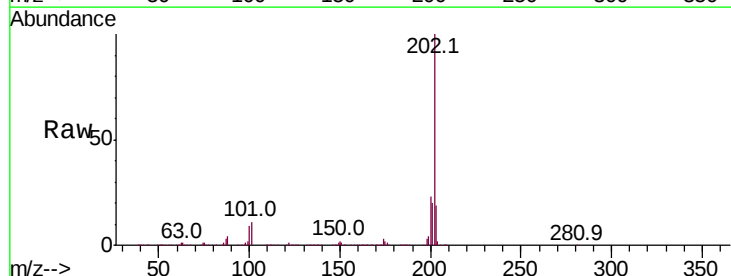
Instrument :
BNA_G
ClientSampleId :
PB131690BSD

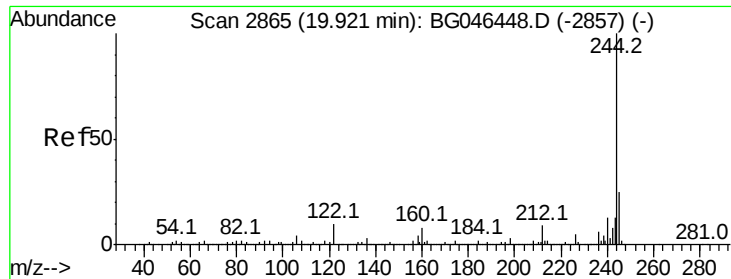
Tot Ion:184 Resp: 534125
Ion Ratio Lower Upper
184 100
185 15.4 12.4 18.6
183 13.0 10.6 15.8



#78
Pyrene
Concen: 38.232 ng
RT: 19.71 min Scan# 2829
Delta R.T. -0.00 min
Lab File: BG046665.D
Acq: 17 Sep 2020 17:50

Tgt Ion:202 Resp: 1090750
Ion Ratio Lower Upper
202 100
200 23.3 18.6 27.8
203 19.4 15.3 22.9

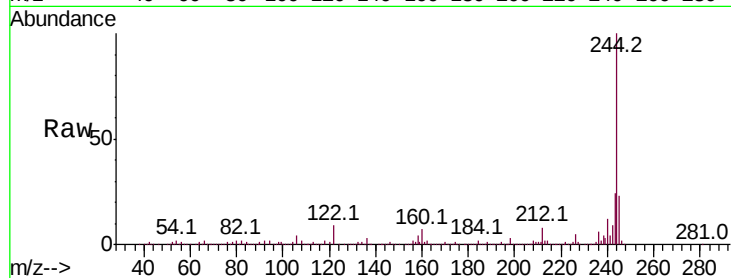




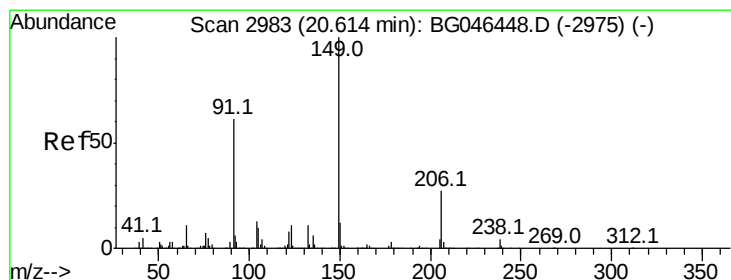
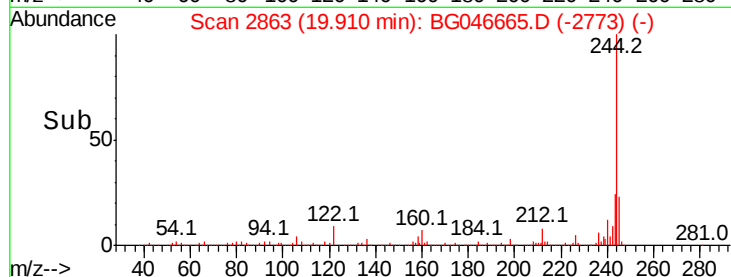
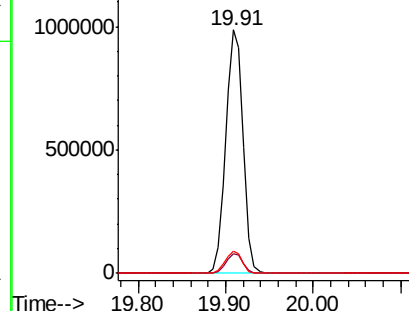
#79
 Terphenyl-d14
 Concen: 64.137 ng
 RT: 19.91 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: BG046665.D
 Acq: 17 Sep 2020 17:50

Instrument :
 BNA_G
 ClientSampleId :
 PB131690BSD

Tot Ion:244 Resp: 1350213
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.7 10.1
 122 9.3 7.8 11.6

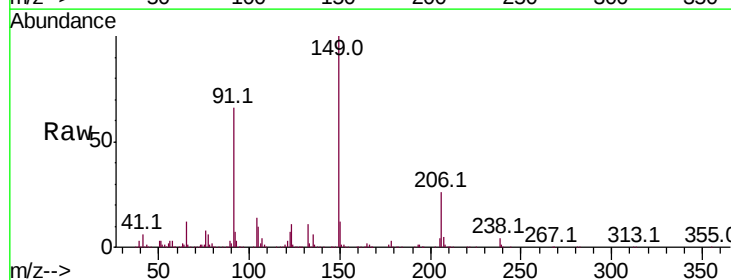


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

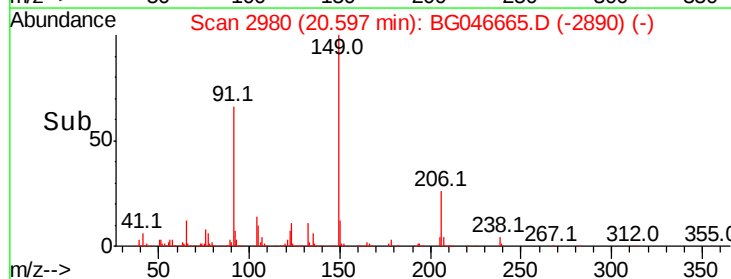
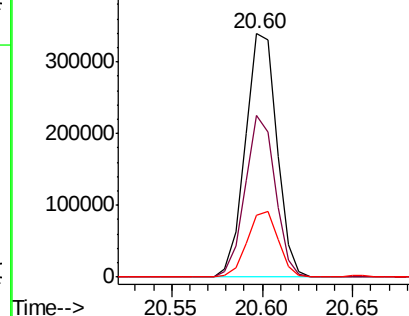


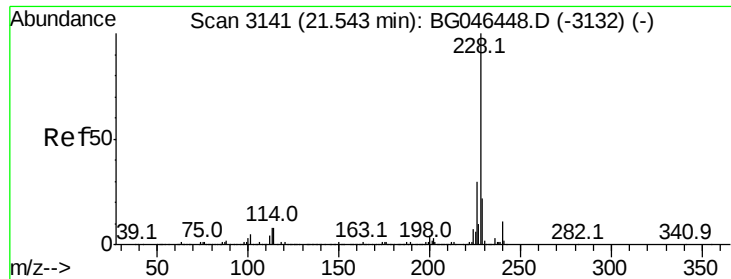
#80
 Butylbenzylphthalate
 Concen: 37.088 ng
 RT: 20.60 min Scan# 2980
 Delta R.T. -0.00 min
 Lab File: BG046665.D
 Acq: 17 Sep 2020 17:50

Tgt Ion:149 Resp: 412724
 Ion Ratio Lower Upper
 149 100
 91 66.2 51.5 77.3
 206 25.6 21.2 31.8



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: 37.902 ng

RT: 21.53 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB131690BSD

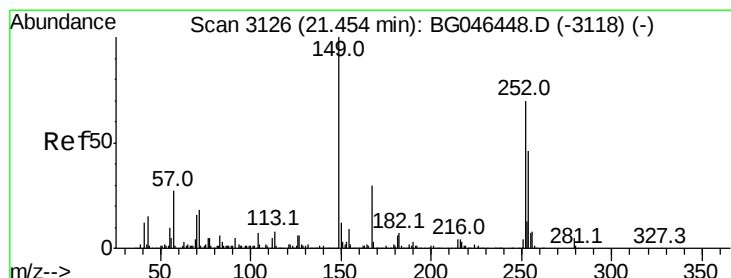
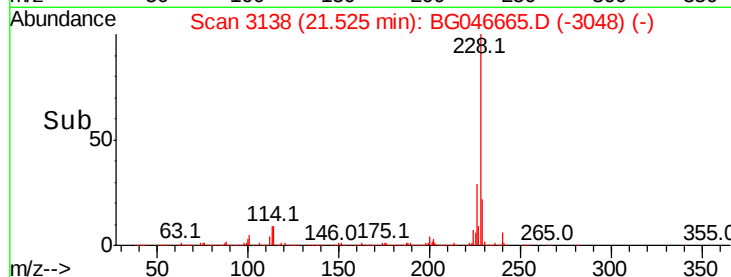
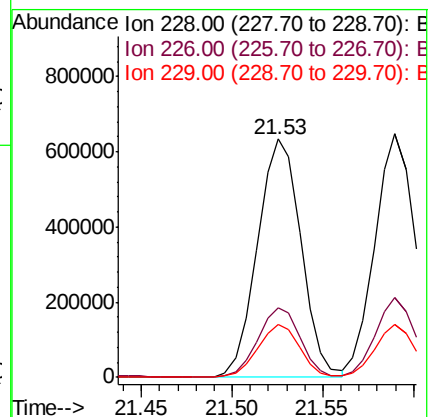
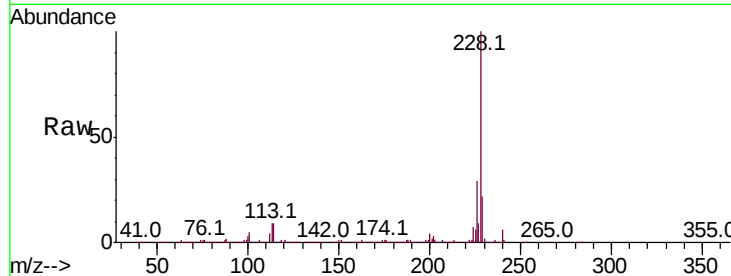
Tot Ion:228 Resp: 1058433

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.3	34.9
229	22.1	17.4	26.0

228 100

226 29.0 23.3 34.9

229 22.1 17.4 26.0



#82

3,3'-Dichlorobenzidine

Concen: 32.662 ng

RT: 21.44 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

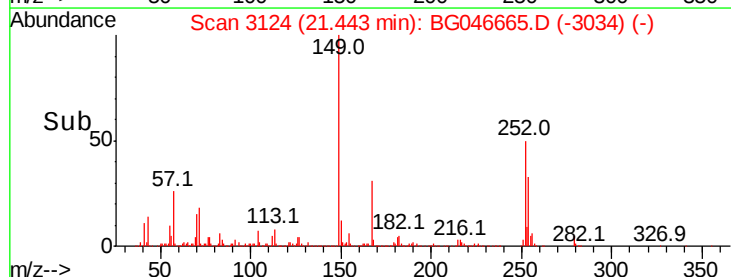
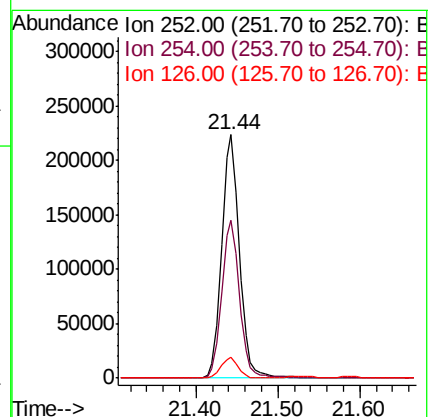
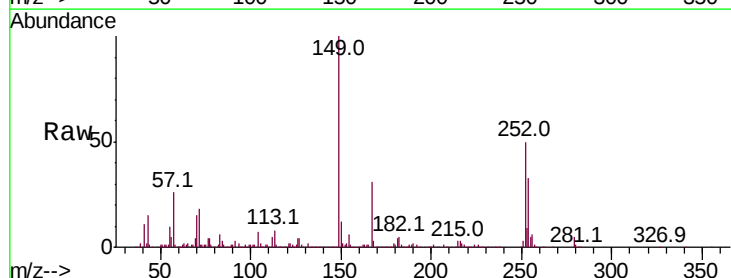
Tgt Ion:252 Resp: 338486

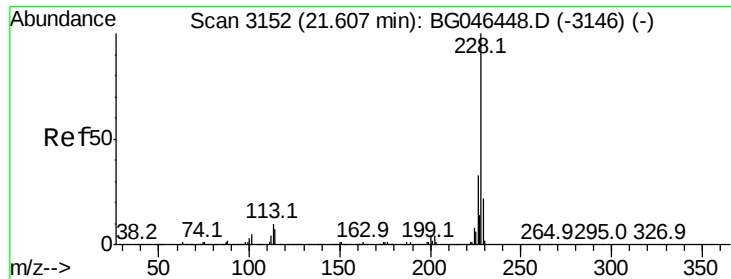
Ion	Ratio	Lower	Upper
252	100		
254	65.0	53.2	79.8
126	8.5	6.8	10.2

252 100

254 65.0 53.2 79.8

126 8.5 6.8 10.2





#83

Chrysene

Concen: 37.683 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

Instrument :

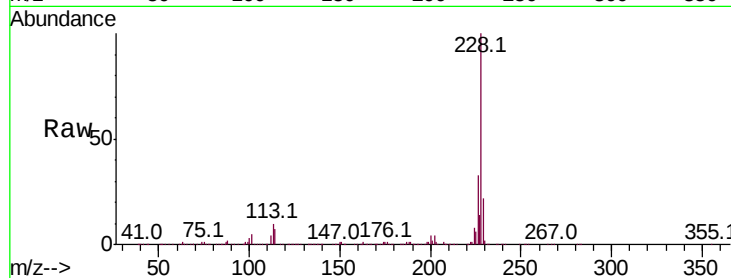
BNA_G

ClientSampleId :

PB131690BSD

Tot Ion:228 Resp: 1012225

Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.0	37.4
229	21.6	17.3	25.9

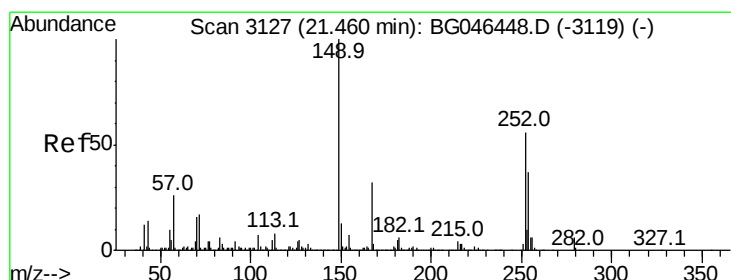
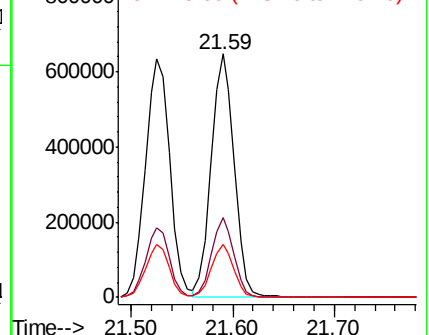
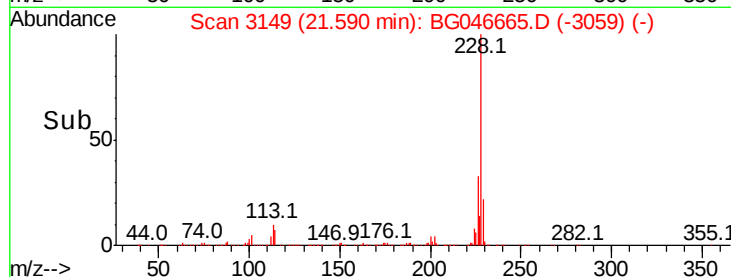


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.117 ng

RT: 21.44 min Scan# 3124

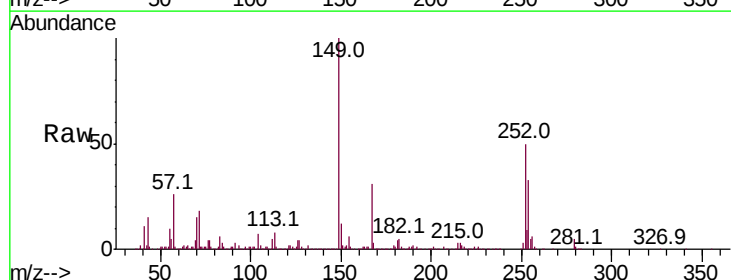
Delta R.T. -0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

Tgt Ion:149 Resp: 578853

Ion	Ratio	Lower	Upper
149	100		
167	31.2	24.8	37.2
279	5.3	4.6	7.0

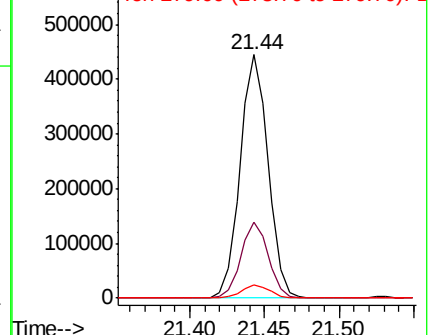
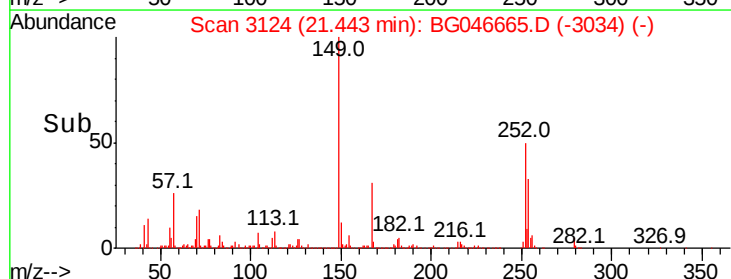


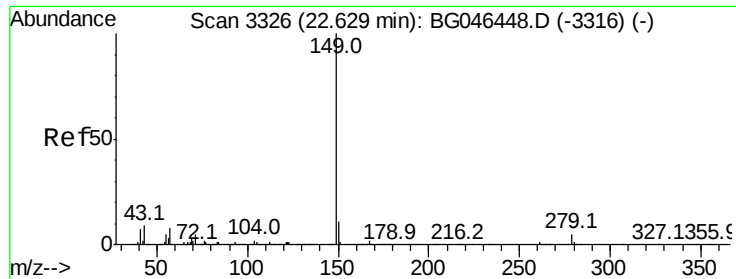
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.019 ng

RT: 22.61 min Scan# 3323

Delta R.T. 0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB131690BSD

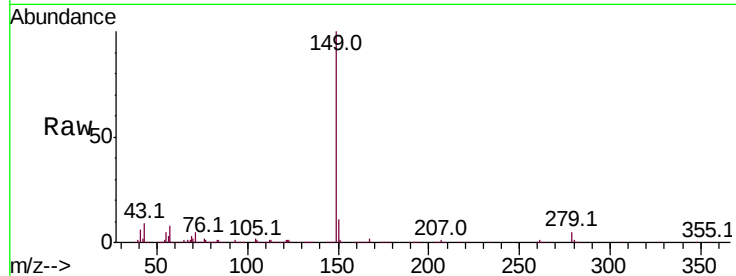
Tot Ion:149 Resp: 1014623

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

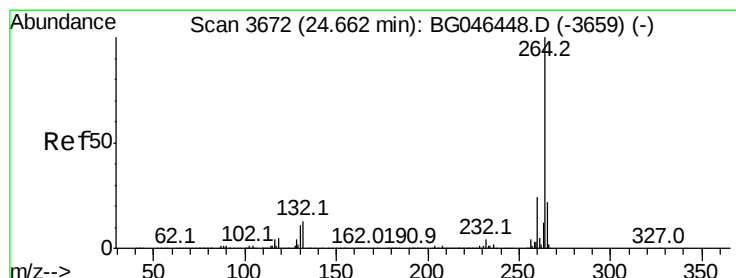
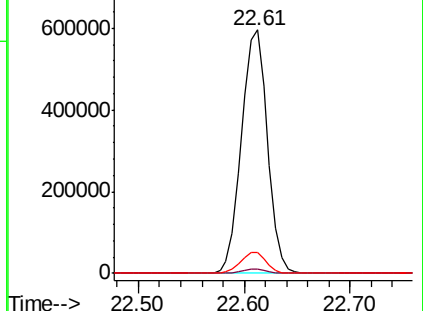
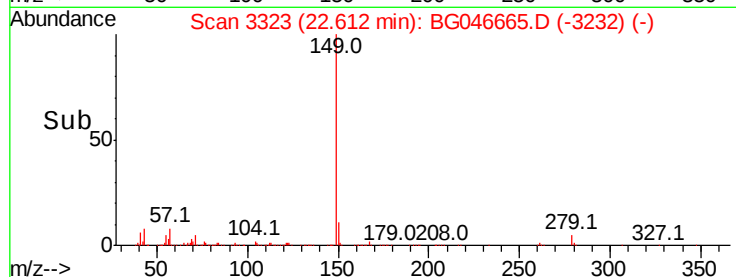
43 8.4 6.8 10.2



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

Perylene-d12

Concen: 20.000 ng

RT: 24.64 min Scan# 3668

Delta R.T. -0.00 min

Lab File: BG046665.D

Acq: 17 Sep 2020 17:50

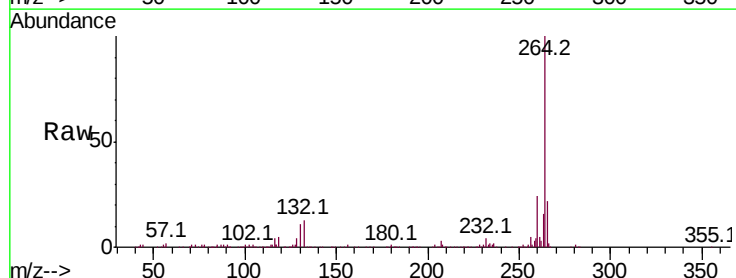
Tgt Ion:264 Resp: 441059

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

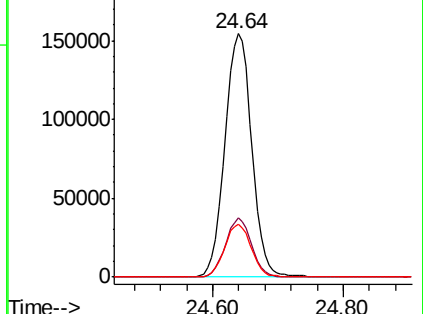
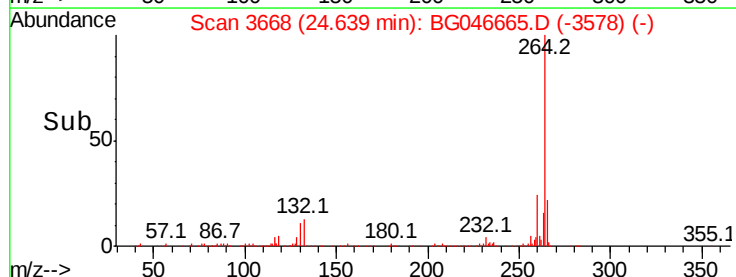
265 21.8 17.8 26.8

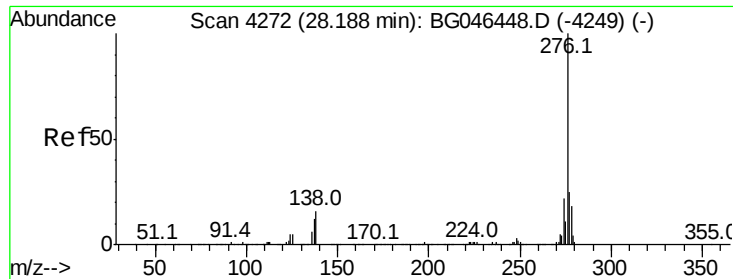


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



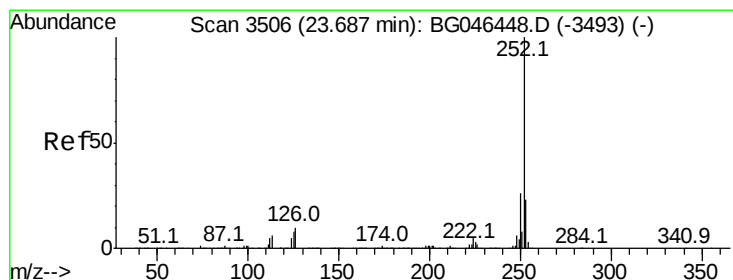
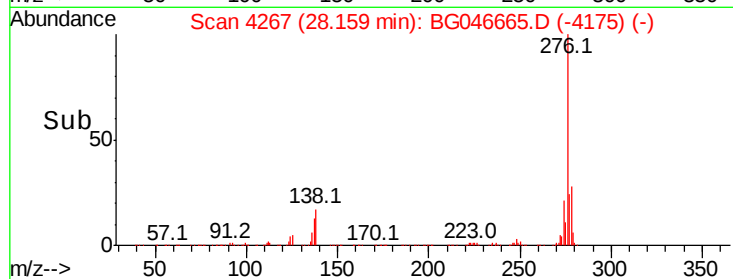
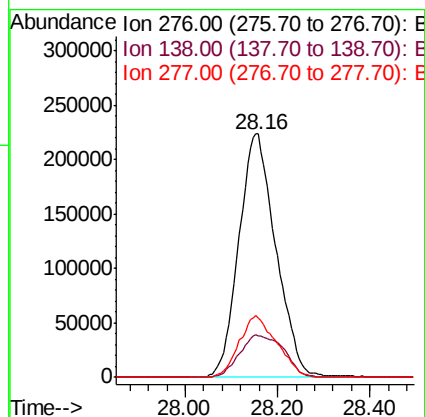
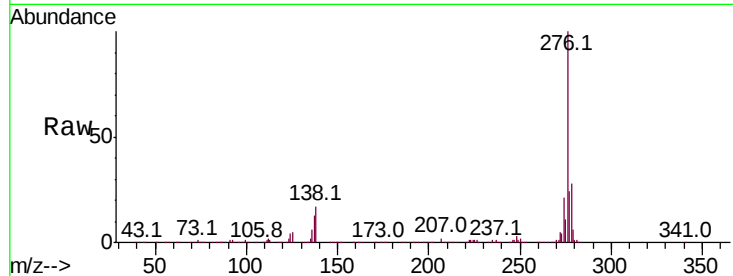


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.300 ng
 RT: 28.16 min Scan# 4267
 Delta R.T. 0.01 min
 Lab File: BG046665.D
 Acq: 17 Sep 2020 17:50

Instrument :
 BNA_G
 ClientSampleId :
 PB131690BSD

Tot Ion:276 Resp: 1244925

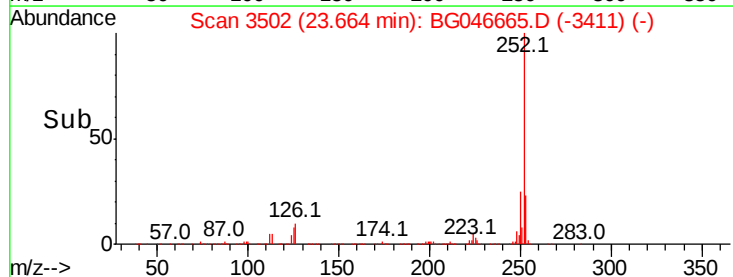
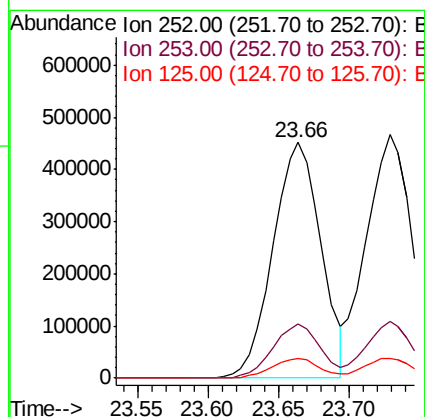
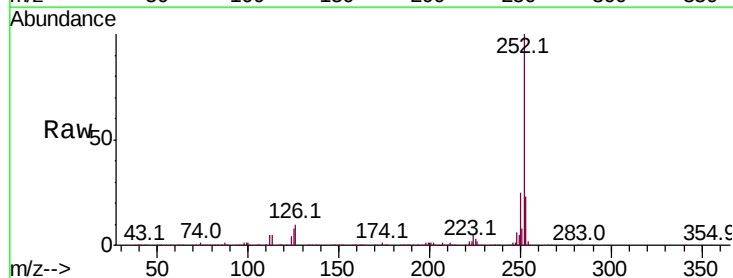
Ion	Ratio	Lower	Upper
276	100		
138	20.7	16.2	24.2
277	25.7	20.3	30.5

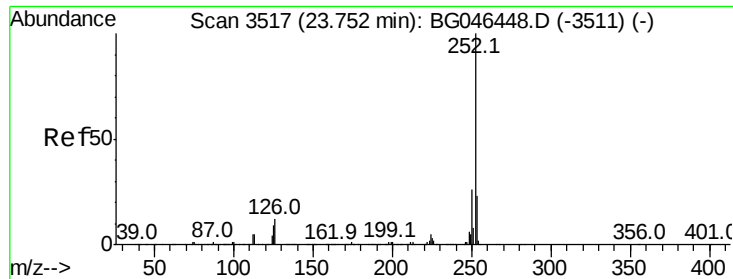


#88
 Benzo(b)fluoranthene
 Concen: 38.767 ng
 RT: 23.66 min Scan# 3502
 Delta R.T. 0.00 min
 Lab File: BG046665.D
 Acq: 17 Sep 2020 17:50

Tgt Ion:252 Resp: 1067644

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.7	28.1
125	8.1	6.5	9.7

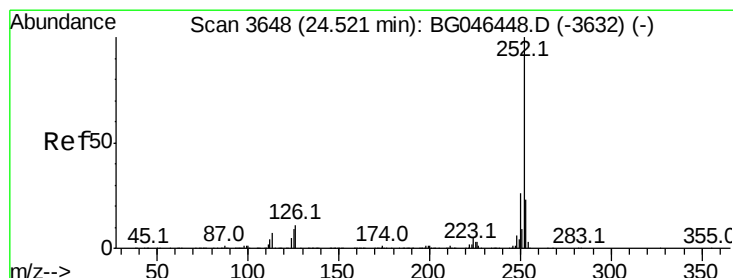
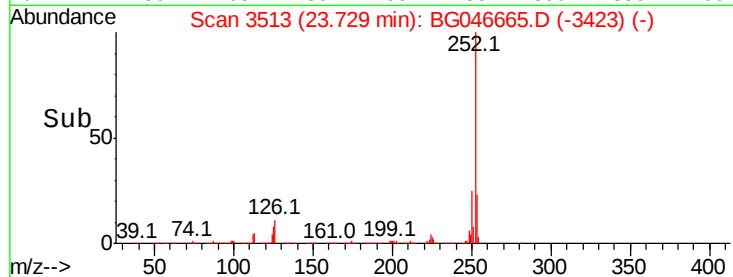
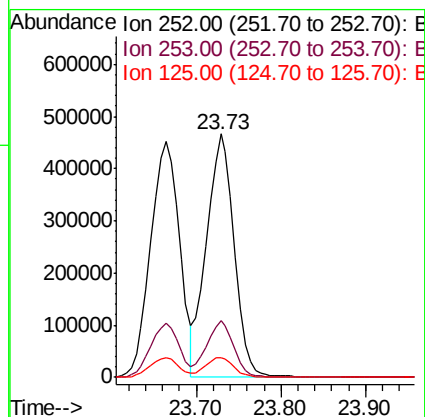
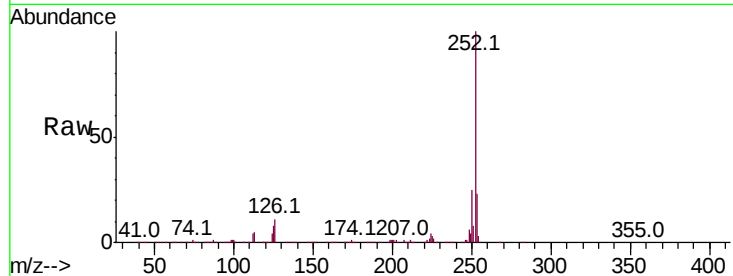




#89
Benzo(k)fluoranthene
Concen: 40.069 ng
RT: 23.73 min Scan# 3513
Delta R.T. -0.00 min
Lab File: BG046665.D
Acq: 17 Sep 2020 17:50

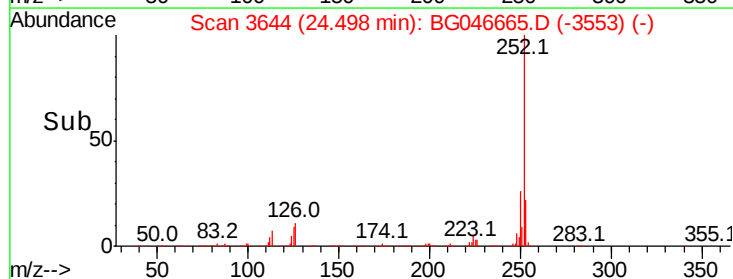
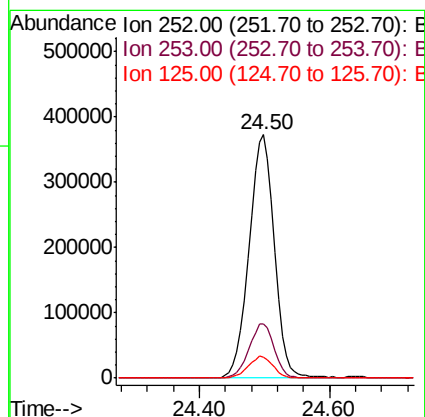
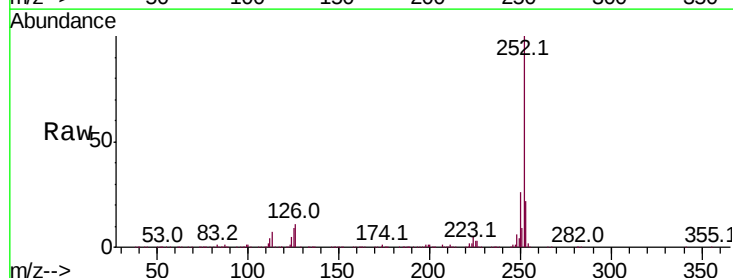
Instrument :
BNA_G
ClientSampleId :
PB131690BSD

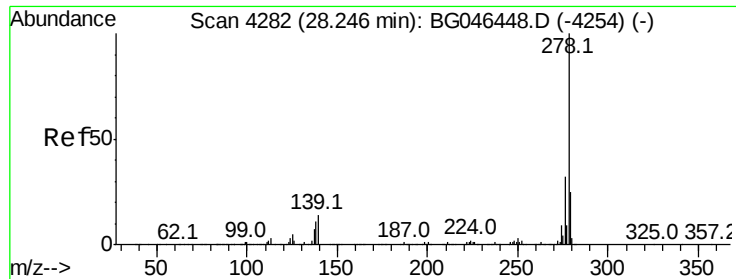
Tot Ion:252 Resp: 1066485
Ion Ratio Lower Upper
252 100
253 23.2 18.6 27.8
125 8.2 6.8 10.2



#90
Benzo(a)pyrene
Concen: 38.819 ng
RT: 24.50 min Scan# 3644
Delta R.T. 0.00 min
Lab File: BG046665.D
Acq: 17 Sep 2020 17:50

Tgt Ion:252 Resp: 997695
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 8.7 7.0 10.4



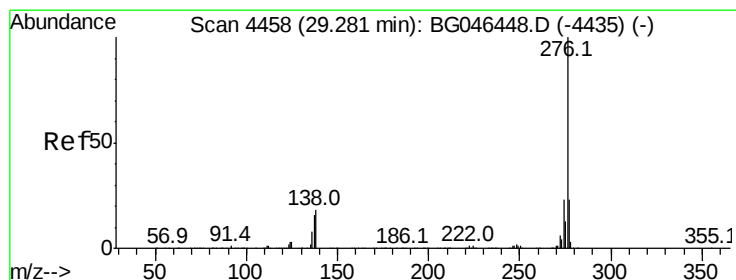
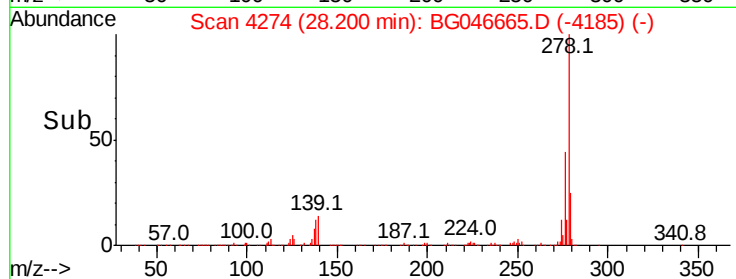
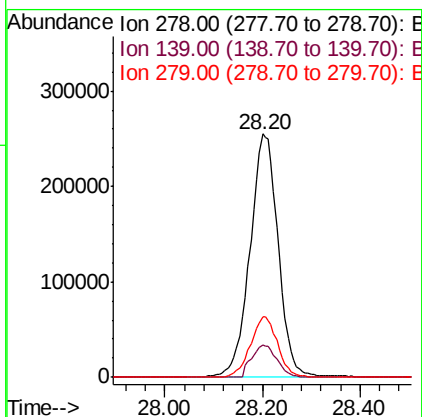
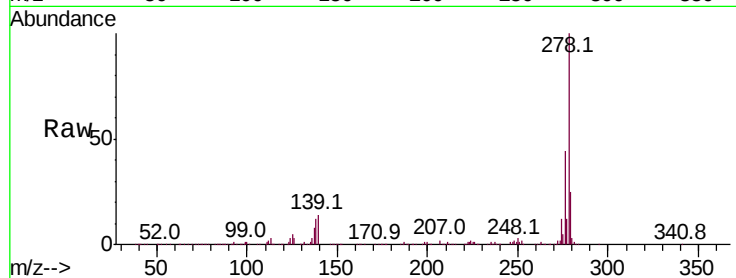


#91
Dibenzo(a,h)anthracene
Concen: 40.250 ng
RT: 28.20 min Scan# 4274
Delta R.T. -0.01 min
Lab File: BG046665.D
Acq: 17 Sep 2020 17:50

Instrument :
BNA_G
ClientSampleId :
PB131690BSD

Tot Ion:278 Resp: 1028917

Ion	Ratio	Lower	Upper
278	100		
139	13.5	10.5	15.7
279	25.0	19.4	29.0



#92
Benzo(g,h,i)perylene
Concen: 41.085 ng
RT: 29.25 min Scan# 4452
Delta R.T. 0.00 min
Lab File: BG046665.D
Acq: 17 Sep 2020 17:50

Tgt Ion:276 Resp: 1048775

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.6	29.4
138	17.7	13.4	20.2

