

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091420\
 Data File : BG046605.D
 Acq On : 14 Sep 2020 16:10
 Operator : CG/JU
 Sample : PB131580BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131580BS

Quant Time: Sep 14 17:19:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	61730	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	255959	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	184554	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	448225	20.00	ng	0.00
76) Chrysene-d12	21.55	240	457551	20.00	ng	0.00
86) Perylene-d12	24.65	264	431905	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	392435	112.60	ng	0.00
7) Phenol-d6	7.10	99	527039	106.67	ng	0.00
23) Nitrobenzene-d5	9.08	82	407568	91.01	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	236939	94.75	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1098331	90.85	ng	0.00
79) Terphenyl-d14	19.91	244	1553001	72.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	52597	36.274	ng	96
3) Pyridine	3.81	79	118940	28.036	ng	97
4) n-Nitrosodimethylamine	3.72	42	59567	38.070	ng	94
6) Aniline	7.25	93	177493	31.925	ng	98
8) 2-Chlorophenol	7.50	128	154484	41.939	ng	97
9) Benzaldehyde	7.06	77	82187	29.691	ng	94
10) Phenol	7.13	94	194734	42.793	ng	98
11) bis(2-Chloroethyl)ether	7.34	93	142389	38.927	ng	100
12) 1,3-Dichlorobenzene	7.81	146	172340	36.851	ng	99
13) 1,4-Dichlorobenzene	7.96	146	174135	37.192	ng	98
14) 1,2-Dichlorobenzene	8.28	146	164149	36.564	ng	99
15) Benzyl Alcohol	8.16	79	127988	40.349	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	211231	37.230	ng	100
17) 2-Methylphenol	8.37	107	137677	42.661	ng	99
18) Hexachloroethane	9.01	117	58264	36.702	ng	97
19) n-Nitroso-di-n-propylamine	8.73	70	112609	38.104	ng	98
20) 3+4-Methylphenols	8.70	107	188451	42.306	ng	96
22) Acetophenone	8.74	105	222183	35.660	ng	99
24) Nitrobenzene	9.12	77	164538	37.189	ng	99
25) Isophorone	9.65	82	314168	38.265	ng	99
26) 2-Nitrophenol	9.84	139	89729	38.439	ng	98
27) 2,4-Dimethylphenol	9.90	122	149705	46.629	ng	94
28) bis(2-Chloroethoxy)methane	10.13	93	195343	36.964	ng	100
29) 2,4-Dichlorophenol	10.38	162	172121	40.215	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	182289	35.896	ng	99
31) Naphthalene	10.77	128	468279	37.470	ng	99
32) Benzoic acid	10.05	122	44334	23.930	ng	98
33) 4-Chloroaniline	10.88	127	140318	25.462	ng	98
34) Hexachlorobutadiene	11.06	225	114361	34.691	ng	99
35) Caprolactam	11.65	113	37907	23.694	ng	96
36) 4-Chloro-3-methylphenol	12.01	107	167271	39.959	ng	97
37) 2-Methylnaphthalene	12.38	142	378165	38.367	ng	100
38) 1-Methylnaphthalene	12.60	142	355521	38.079	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	223769	36.768	ng	99

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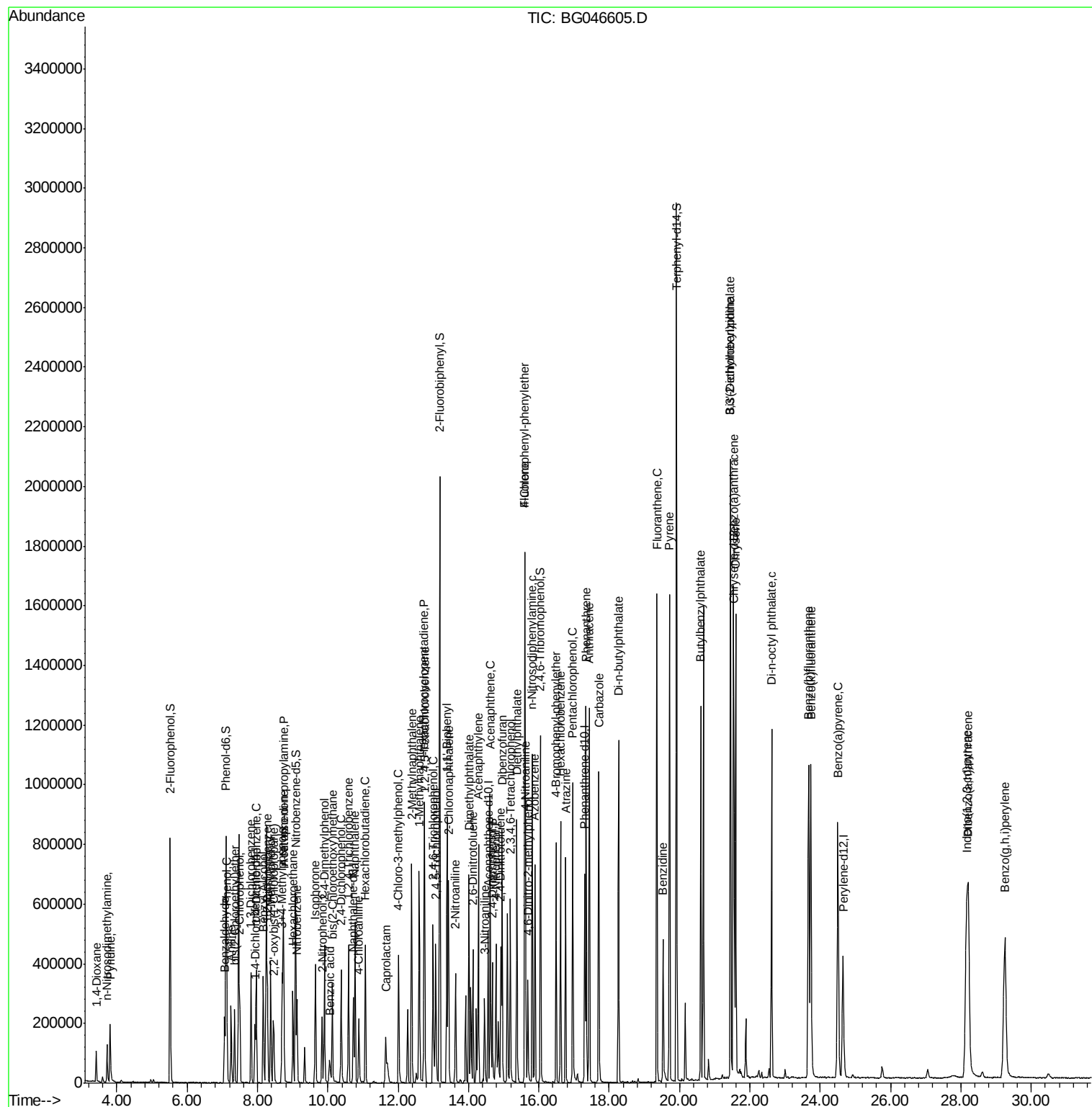
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41) Hexachlorocyclopentadiene	12.74	237	223354	84.403	ng	98
43) 2,4,6-Trichlorophenol	12.99	196	150057	36.537	ng	98
44) 2,4,5-Trichlorophenol	13.07	196	159638	36.996	ng	98
46) 1,1'-Biphenyl	13.39	154	494983	38.549	ng	99
47) 2-Chloronaphthalene	13.43	162	386691	35.519	ng	100
48) 2-Nitroaniline	13.63	65	105506	34.901	ng	100
49) Acenaphthylene	14.28	152	630179	38.160	ng	99
50) Dimethylphthalate	14.01	163	506396	35.467	ng	99
51) 2,6-Dinitrotoluene	14.12	165	115364	36.654	ng	98
52) Acenaphthene	14.62	154	372338	36.384	ng	99
53) 3-Nitroaniline	14.45	138	87967	25.802	ng	98
54) 2,4-Dinitrophenol	14.67	184	127200	69.238	ng	99
55) Dibenzofuran	14.95	168	611026	37.205	ng	98
56) 4-Nitrophenol	14.78	139	181415	72.304	ng	98
57) 2,4-Dinitrotoluene	14.92	165	163552	36.444	ng	98
58) Fluorene	15.61	166	504751	36.618	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	159658	38.102	ng	98
60) Diethylphthalate	15.38	149	498380	35.801	ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	275760	36.325	ng	98
62) 4-Nitroaniline	15.62	138	118818	33.030	ng	99
63) Azobenzene	15.89	77	421448	37.218	ng	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	102908	40.563	ng	97
66) n-Nitrosodiphenylamine	15.81	169	463237	38.309	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	193457	36.995	ng	98
68) Hexachlorobenzene	16.62	284	203120	35.072	ng	99
69) Atrazine	16.76	200	170172	34.496	ng	99
70) Pentachlorophenol	16.96	266	220690	72.934	ng	99
71) Phenanthrene	17.34	178	831365	36.593	ng	100
72) Anthracene	17.43	178	860391	38.384	ng	99
73) Carbazole	17.70	167	786899	37.181	ng	99
74) Di-n-butylphthalate	18.27	149	886446	36.425	ng	99
75) Fluoranthene	19.35	202	1073655	36.722	ng	99
77) Benzidine	19.53	184	355713	33.457	ng	98
78) Pyrene	19.71	202	1083783	37.197	ng	98
80) Butylbenzylphthalate	20.61	149	406180	35.740	ng	99
81) Benzo(a)anthracene	21.53	228	1038062	36.399	ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	294450	27.821	ng	98
83) Chrysene	21.59	228	995076	36.273	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	572725	36.928	ng	98
85) Di-n-octyl phthalate	22.62	149	994882	37.463	ng	99
87) Indeno(1,2,3-cd)pyrene	28.16	276	1200777	38.709	ng	99
88) Benzo(b)fluoranthene	23.67	252	1064230	39.462	ng	99
89) Benzo(k)fluoranthene	23.74	252	1020462	39.152	ng	99
90) Benzo(a)pyrene	24.50	252	971945	38.619	ng	99
91) Dibenzo(a,h)anthracene	28.21	278	989662	39.535	ng	99
92) Benzo(g,h,i)perylene	29.24	276	1007708	40.313	ng	99

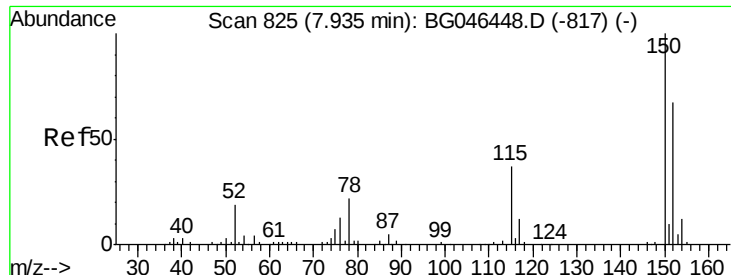
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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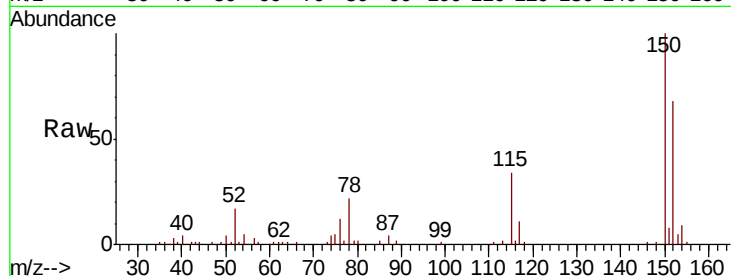


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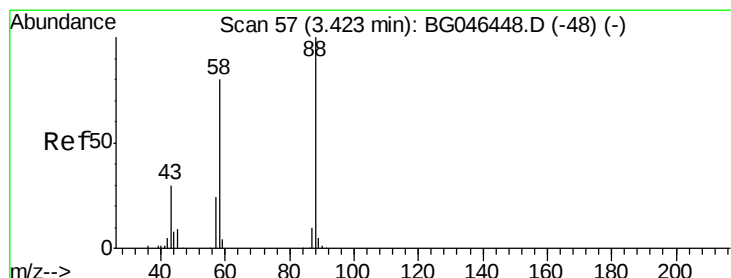
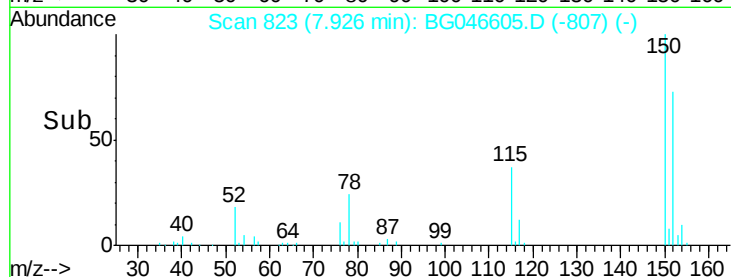
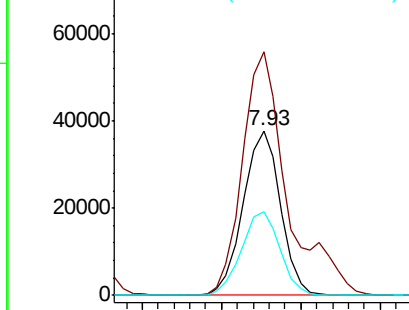
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

Instrument :
BNA_G
ClientSampleId :
PB131580BS

Tot Ion:152 Resp: 61730
Ion Ratio Lower Upper
152 100
150 148.0 119.5 179.3
115 50.6 44.3 66.5



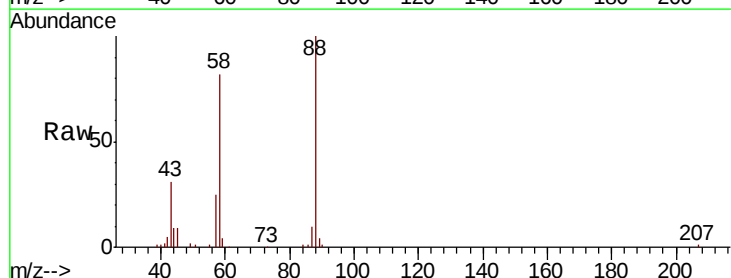
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



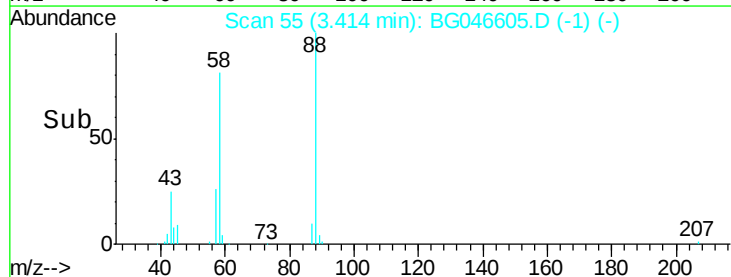
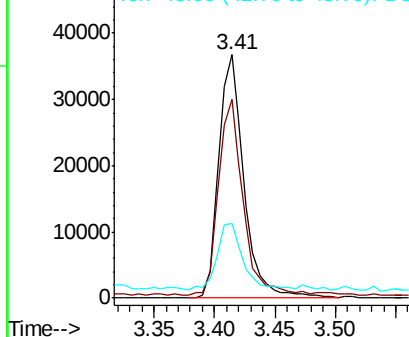
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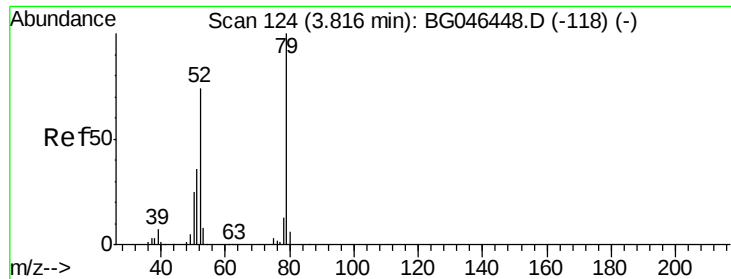
1,4-Dioxane
Concen: 36.274 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

Tgt Ion: 88 Resp: 52597
Ion Ratio Lower Upper
88 100
58 81.0 61.4 92.2
43 28.2 21.6 32.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC

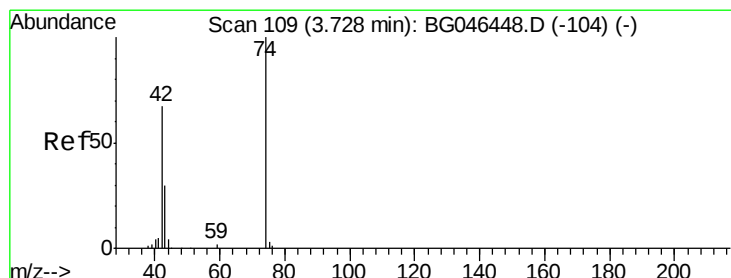
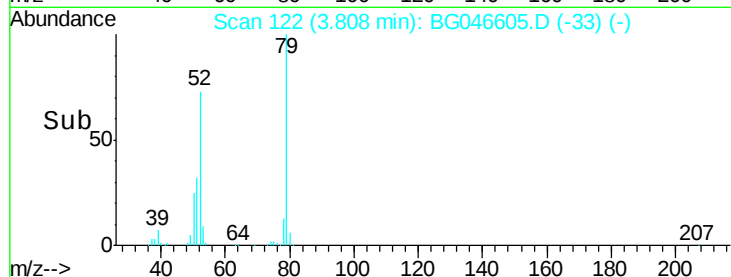
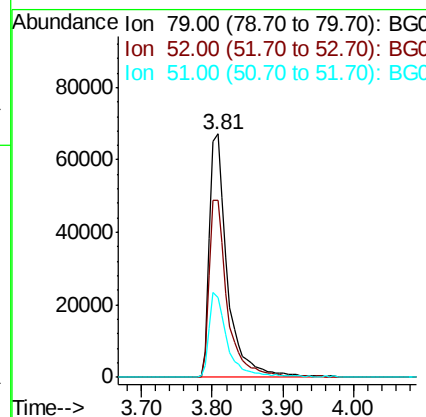
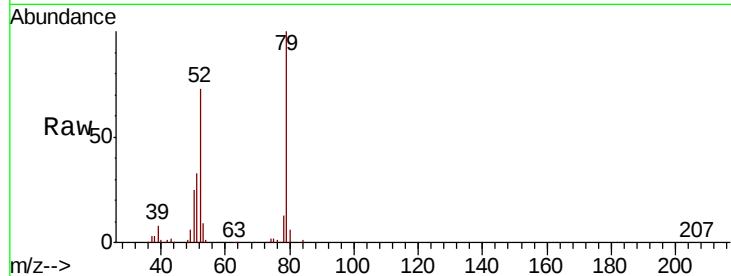




#3
 Pvridine
 Concen: 28.036 ng
 RT: 3.81 min Scan# 122
 Delta R.T. -0.01 min
 Lab File: BG046605.D
 Acq: 14 Sep 2020 16:10

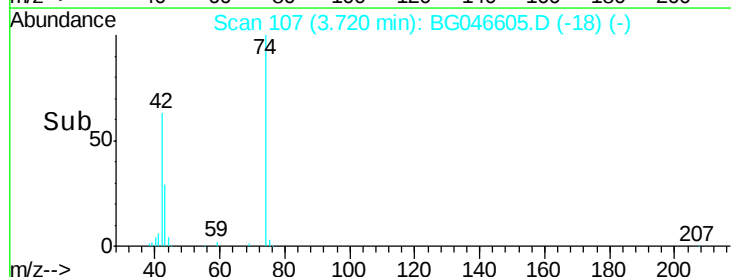
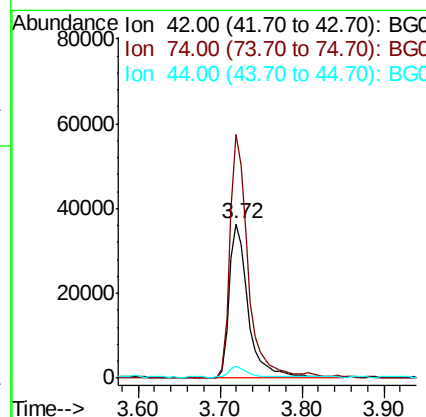
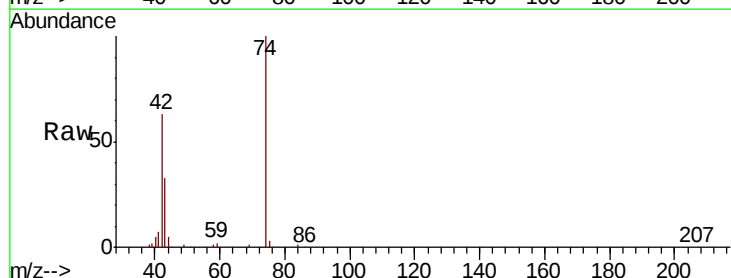
Instrument :
 BNA_G
 ClientSampleId :
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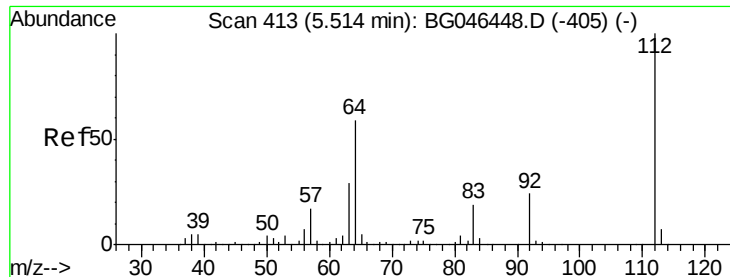
Tot Ion: 79 Resp: 118940
 Ion Ratio Lower Upper
 79 100
 52 72.7 59.1 88.7
 51 32.6 29.0 43.6



#4
 n-Nitrosodimethylamine
 Concen: 38.070 ng
 RT: 3.72 min Scan# 107
 Delta R.T. -0.01 min
 Lab File: BG046605.D
 Acq: 14 Sep 2020 16:10

Tgt Ion: 42 Resp: 59567
 Ion Ratio Lower Upper
 42 100
 74 157.7 119.5 179.3
 44 7.6 5.7 8.5





#5

2-Fluorophenol

Concen: 112.599 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.00 min

Lab File: BG046605.D

Acq: 14 Sep 2020 16:10

Instrument :

BNA_G

ClientSampleId :

PB131580BS

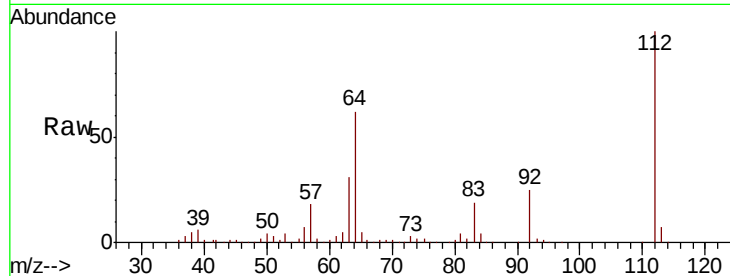
Tot Ion:112 Resp: 392435

Ion Ratio Lower Upper

112 100

64 61.8 47.0 70.6

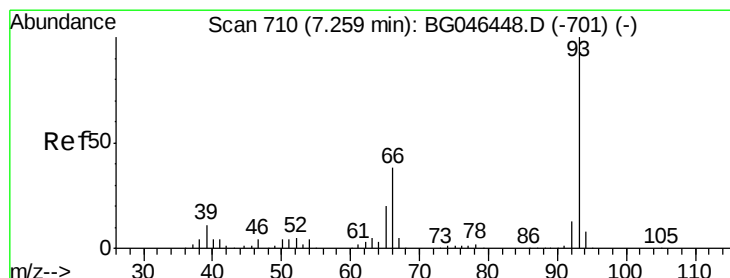
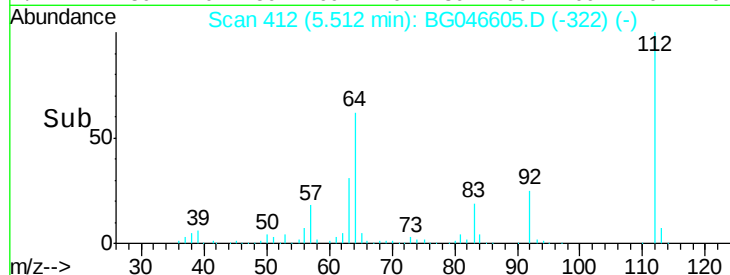
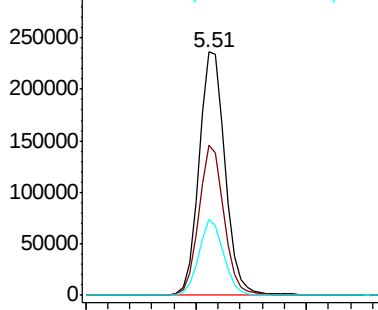
63 31.3 23.5 35.3



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: 31.925 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG046605.D

Acq: 14 Sep 2020 16:10

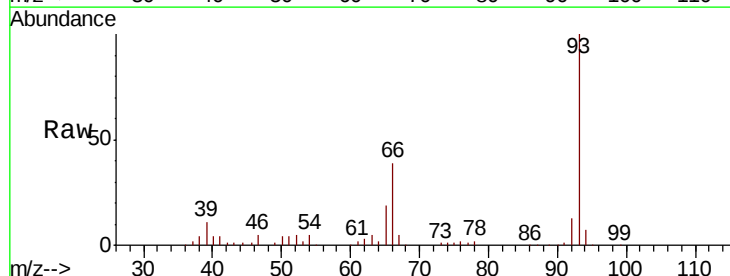
Tgt Ion: 93 Resp: 177493

Ion Ratio Lower Upper

93 100

66 39.2 30.4 45.6

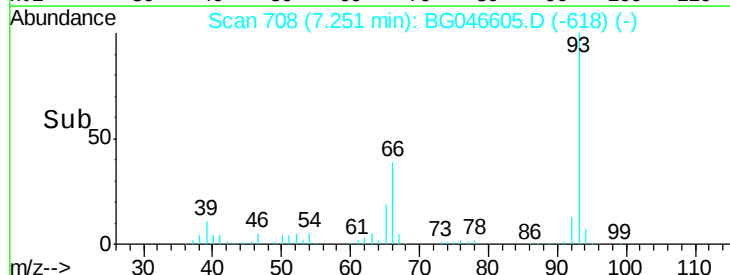
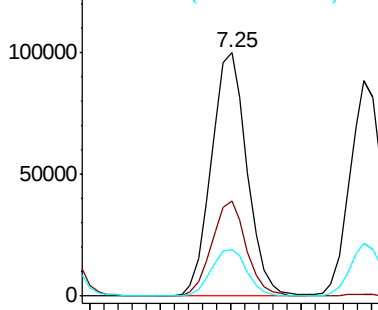
65 18.9 15.8 23.6



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: 106.673 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

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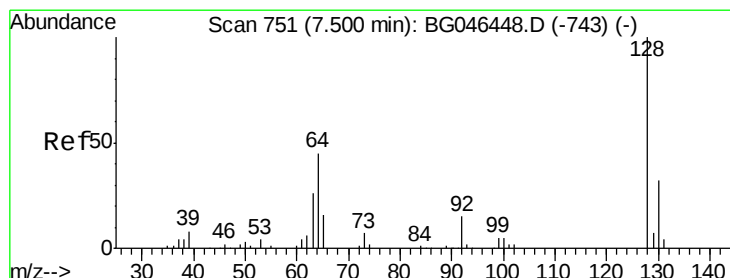
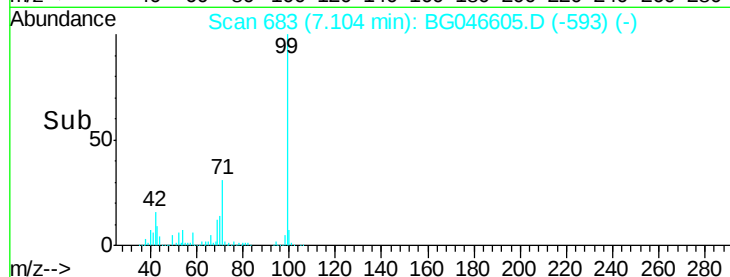
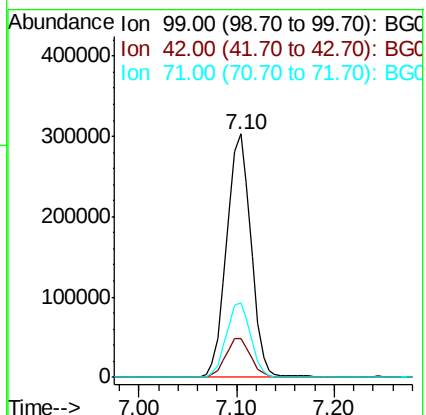
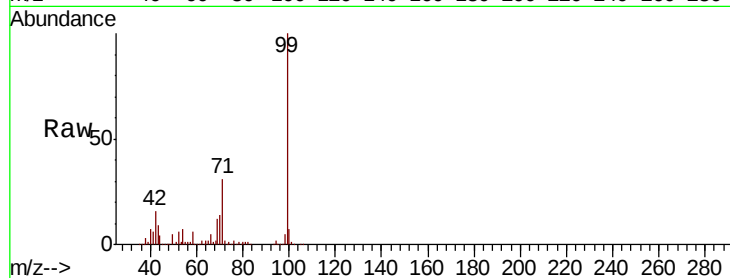
Tot Ion: 99 Resp: 527039

Ion Ratio Lower Upper

99 100

42 16.0 13.3 19.9

71 30.9 25.3 37.9



#8

2-Chlorophenol

Concen: 41.939 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BG046605.D

Acq: 14 Sep 2020 16:10

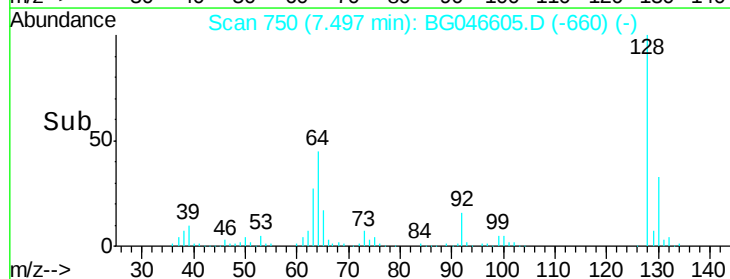
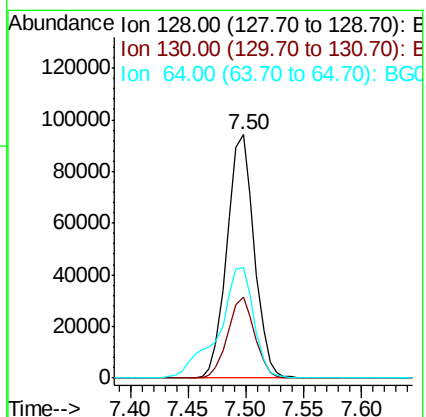
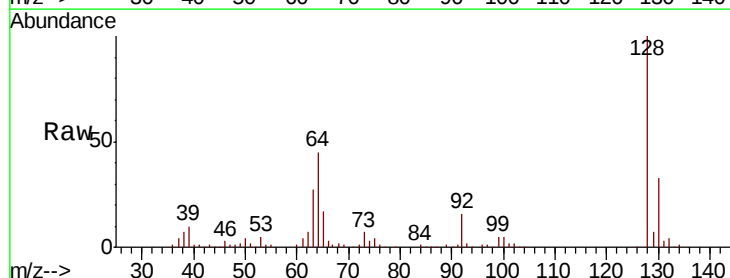
Tgt Ion: 128 Resp: 154484

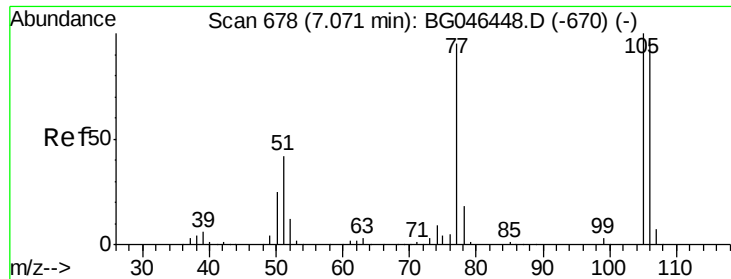
Ion Ratio Lower Upper

128 100

130 33.5 12.4 52.4

64 45.3 28.1 68.1





#9

Benzaldehyde

Concen: 29.691 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.00 min

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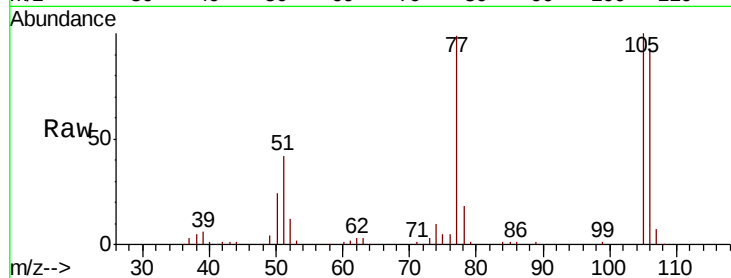
Tot Ion: 77 Resp: 82187

Ion Ratio Lower Upper

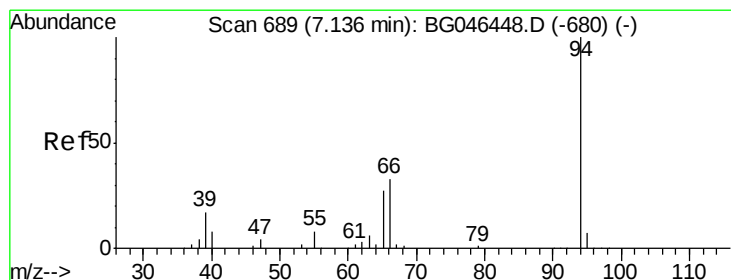
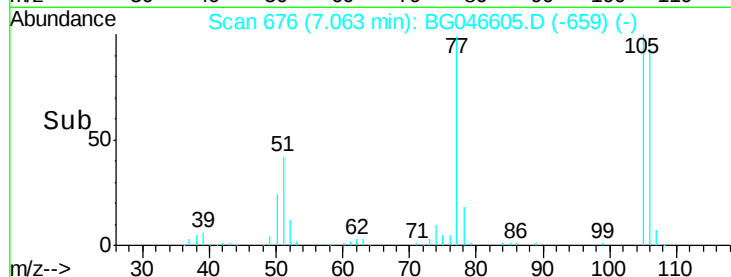
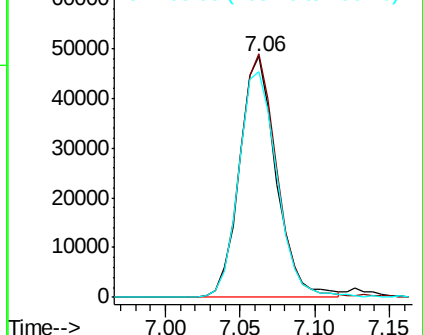
77 100

105 101.2 85.6 125.6

106 93.8 80.8 120.8



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: 42.793 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.00 min

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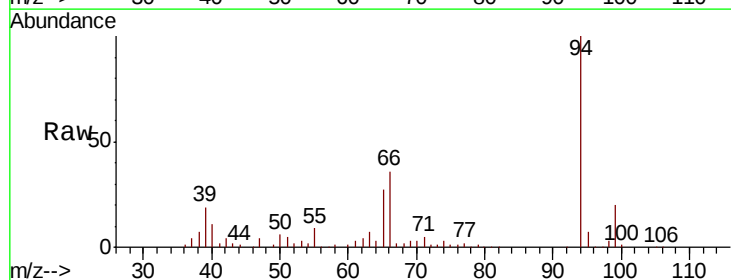
Tgt Ion: 94 Resp: 194734

Ion Ratio Lower Upper

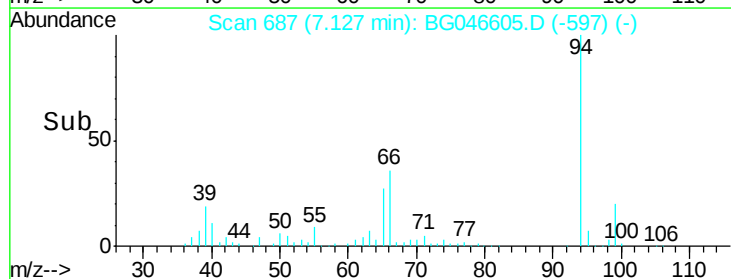
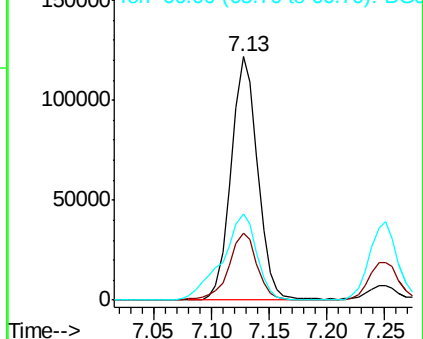
94 100

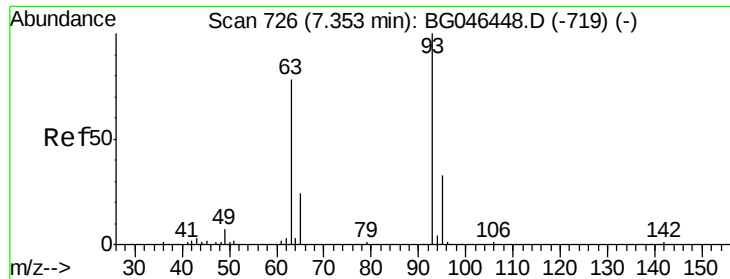
65 27.4 7.5 47.5

66 35.6 14.1 54.1



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

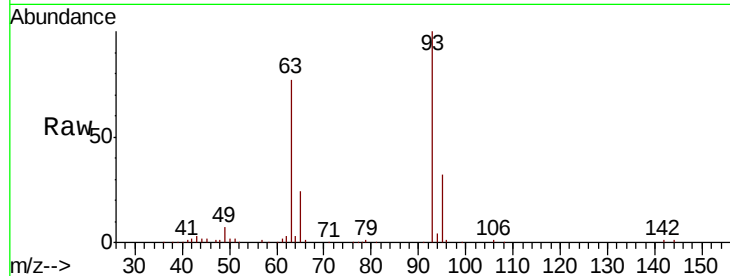




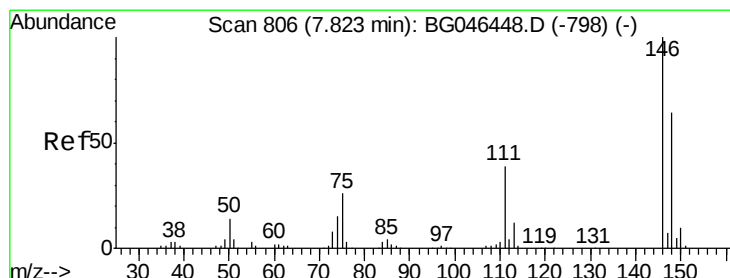
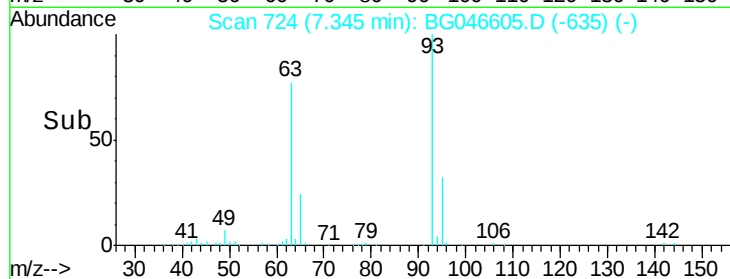
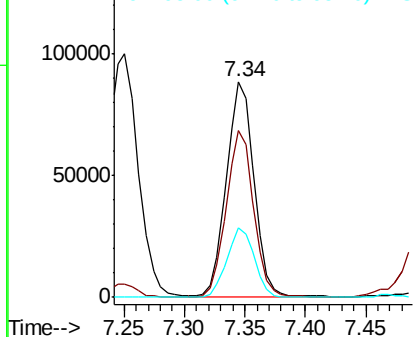
#11
bis(2-Chloroethyl)ether
Concen: 38.927 ng
RT: 7.34 min Scan# 724
Delta R.T. -0.01 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

Instrument :
BNA_G
ClientSampleId :
PB131580BS

Tot Ion: 93 Resp: 142389
Ion Ratio Lower Upper
93 100
63 77.4 57.7 97.7
95 32.3 12.3 52.3

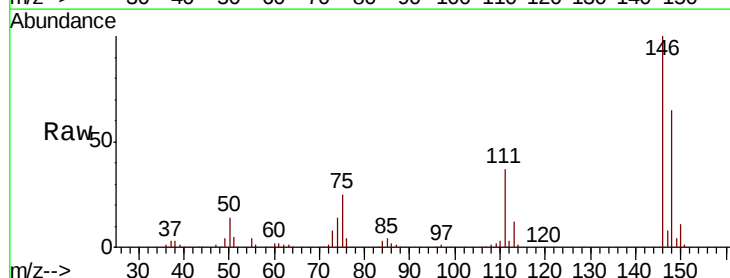


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

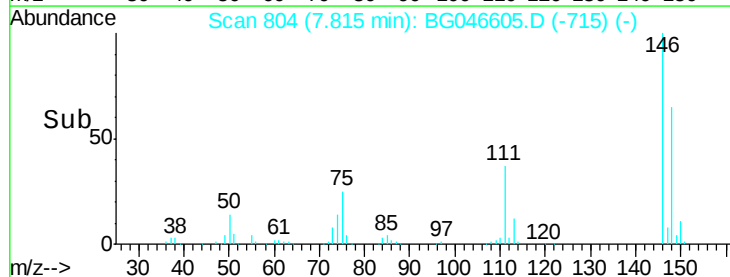
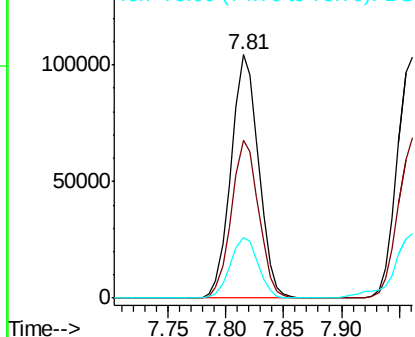


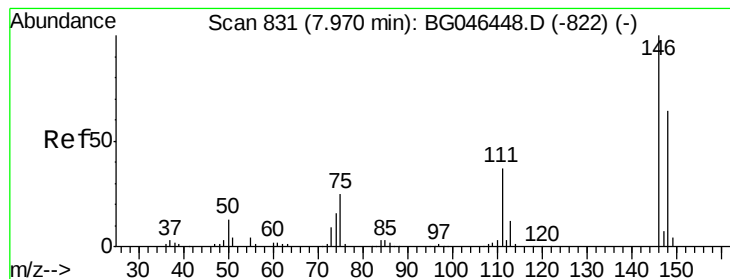
#12
1,3-Dichlorobenzene
Concen: 36.851 ng
RT: 7.81 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

Tgt Ion: 146 Resp: 172340
Ion Ratio Lower Upper
146 100
148 64.7 51.4 77.0
75 24.7 20.7 31.1



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: 37.192 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BG046605.D

Acq: 14 Sep 2020 16:10

Instrument :

BNA_G

ClientSampleId :

PB131580BS

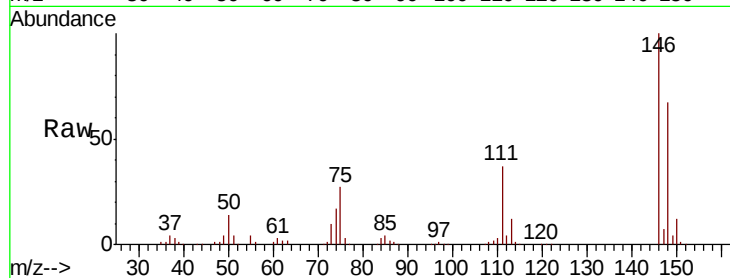
Tot Ion:146 Resp: 174135

Ion Ratio Lower Upper

146 100

148 66.6 50.9 76.3

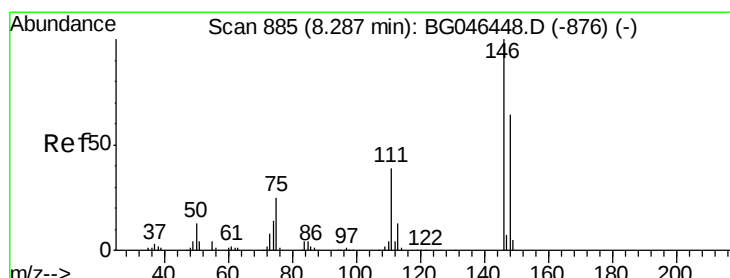
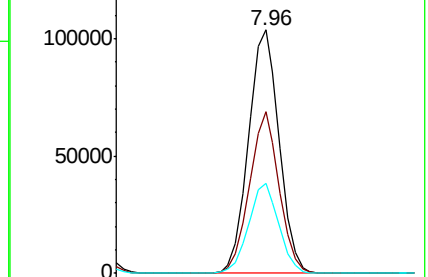
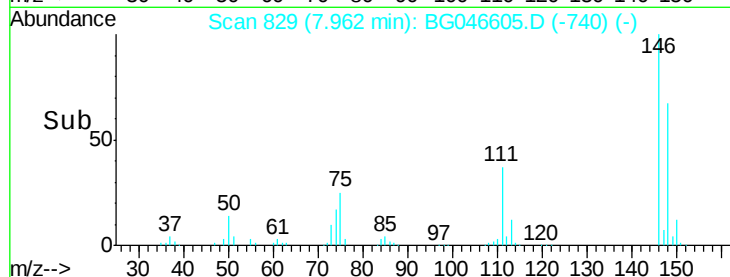
111 37.2 29.8 44.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.564 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG046605.D

Acq: 14 Sep 2020 16:10

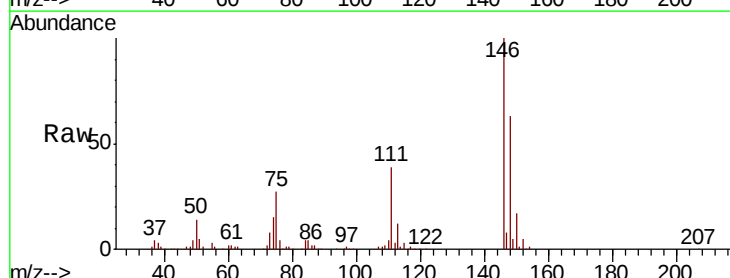
Tgt Ion:146 Resp: 164149

Ion Ratio Lower Upper

146 100

148 62.6 51.4 77.0

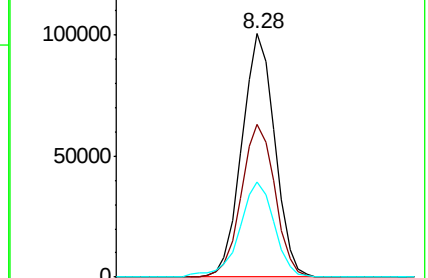
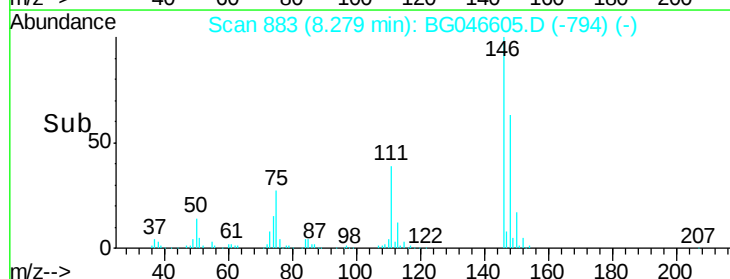
111 38.9 31.4 47.2

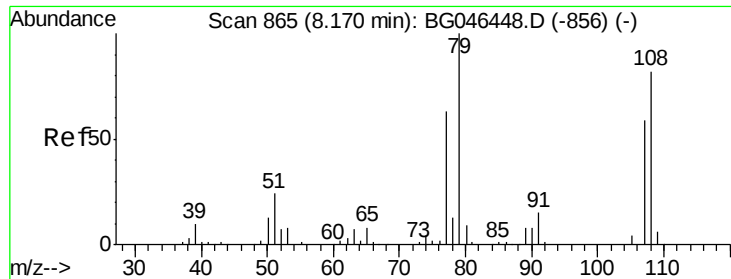


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.349 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BG046605.D

Acq: 14 Sep 2020 16:10

Instrument :

BNA_G

ClientSampleId :

PB131580BS

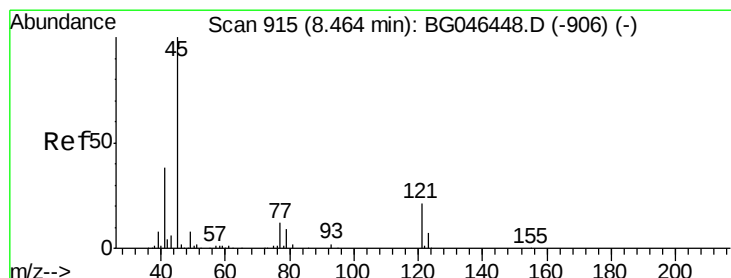
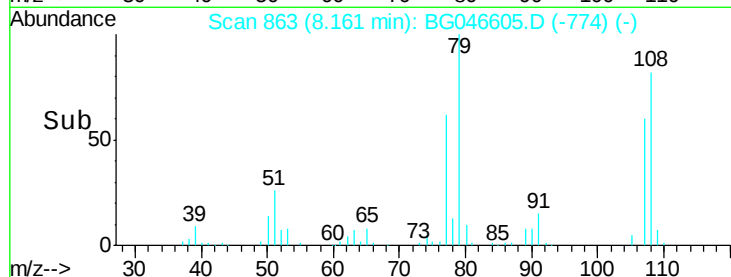
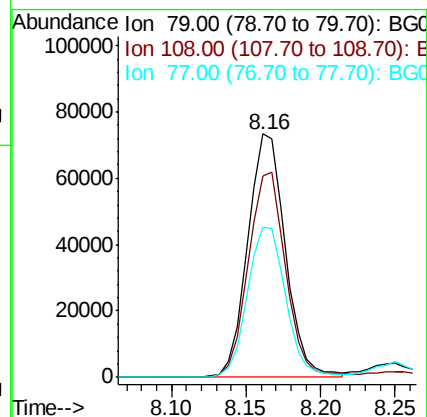
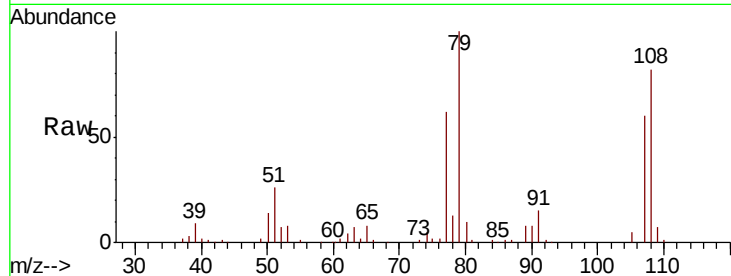
Tot Ion: 79 Resp: 127988

Ion Ratio Lower Upper

79 100

108 82.5 65.7 98.5

77 61.7 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.230 ng

RT: 8.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BG046605.D

Acq: 14 Sep 2020 16:10

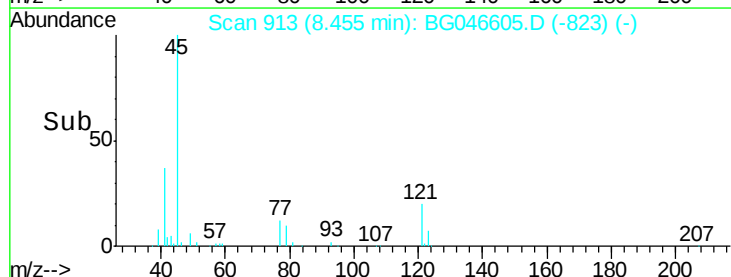
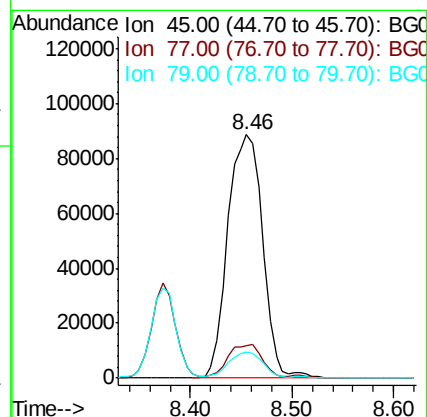
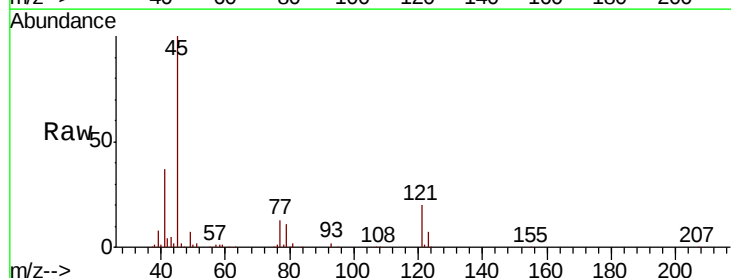
Tgt Ion: 45 Resp: 211231

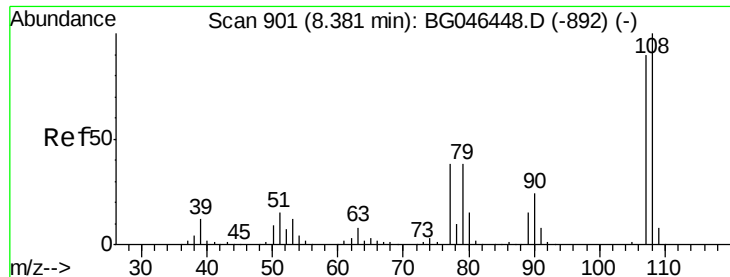
Ion Ratio Lower Upper

45 100

77 13.2 0.0 33.2

79 10.5 0.0 30.3

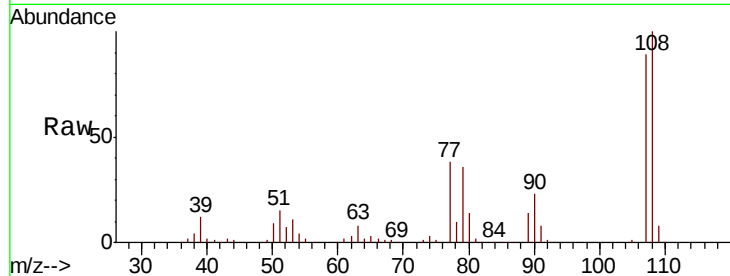




#17
2-Methylphenol
Concen: 42.661 ng
RT: 8.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

Instrument :
BNA_G
ClientSampleId :
PB131580BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	89.4	134.0
77	42.7	34.5	51.7
79	40.3	33.8	50.6



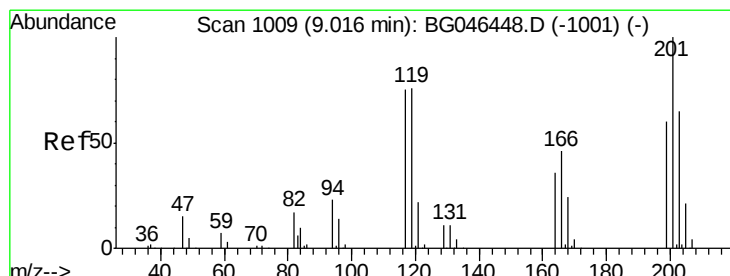
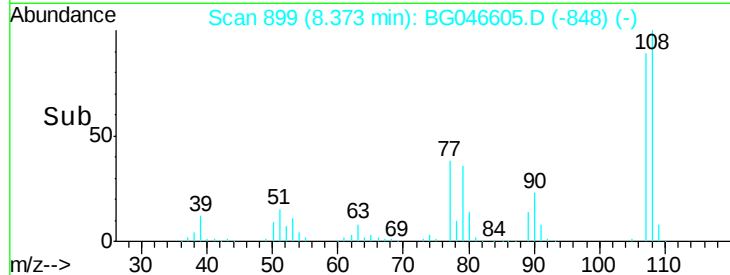
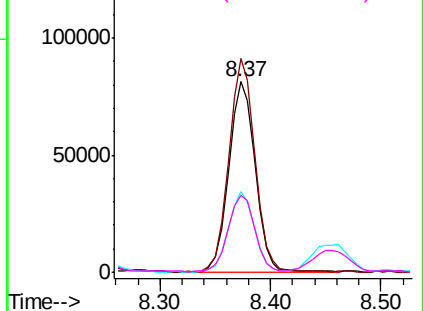
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

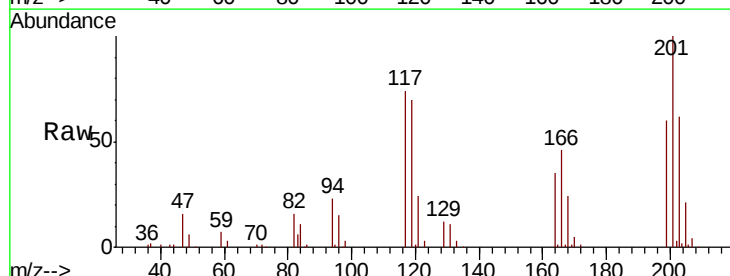
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 36.702 ng
RT: 9.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	80.8	121.2
201	134.8	106.7	160.1

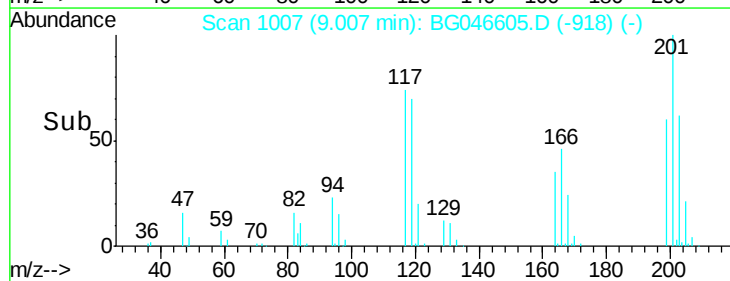
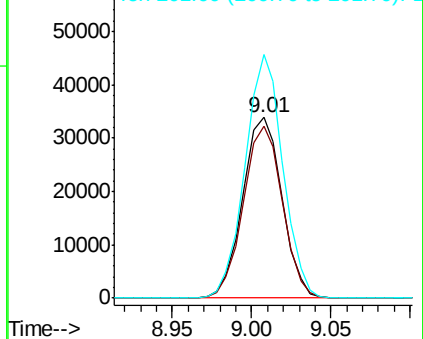


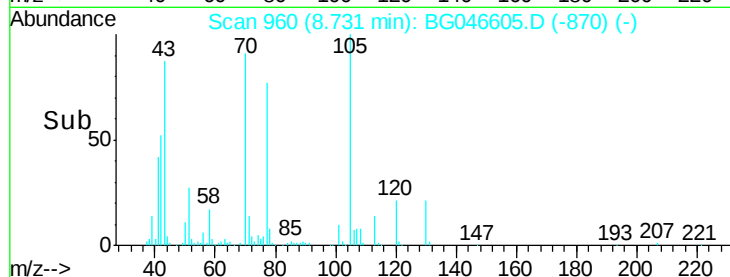
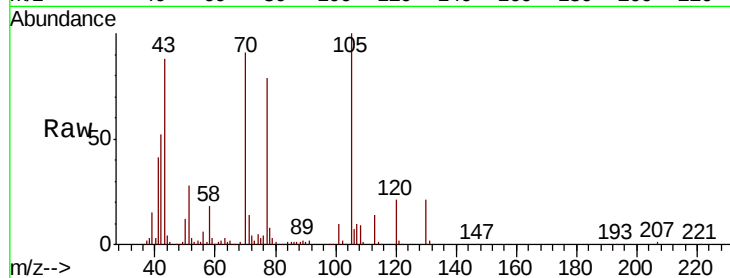
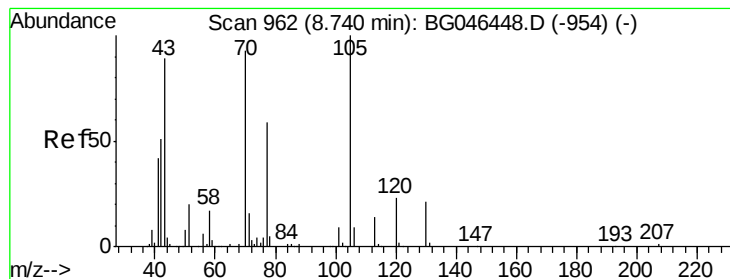
Abundance

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: 38.104 ng

RT: 8.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BG046605.D

Acq: 14 Sep 2020 16:10

Instrument :

BNA_G

ClientSampleId :

PB131580BS

Tot Ion: 70 Resp: 112609

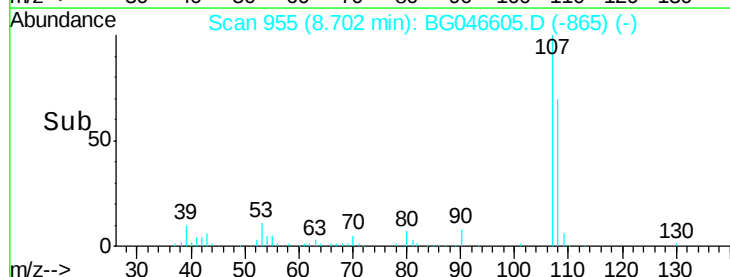
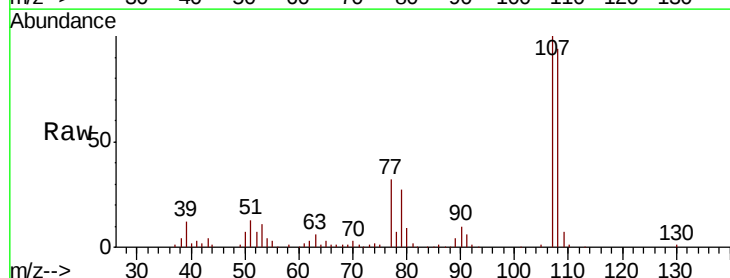
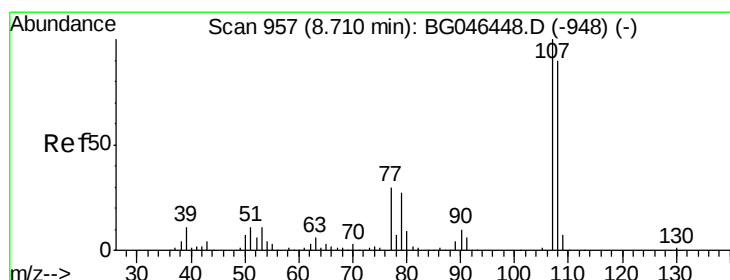
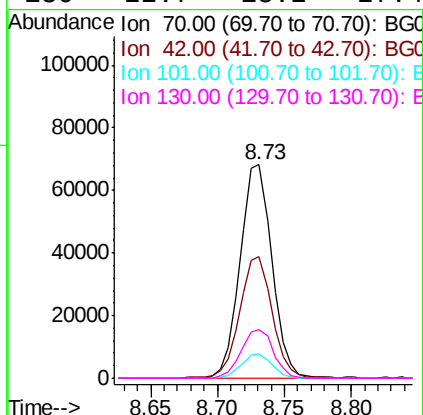
Ion Ratio Lower Upper

70 100

42 56.9 44.2 66.2

101 11.2 7.8 11.8

130 22.7 18.2 27.4



#20

3+4-Methylphenols

Concen: 42.306 ng

RT: 8.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BG046605.D

Acq: 14 Sep 2020 16:10

Tgt Ion: 107 Resp: 188451

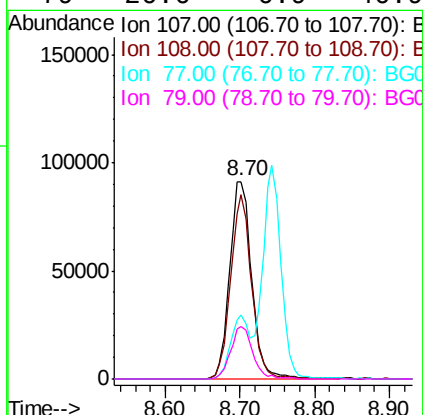
Ion Ratio Lower Upper

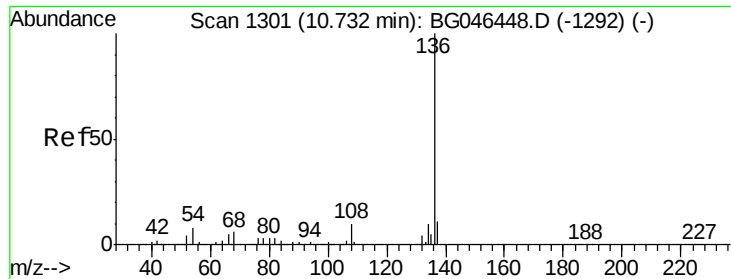
107 100

108 93.5 69.7 109.7

77 32.3 9.7 49.7

79 26.6 6.9 46.9

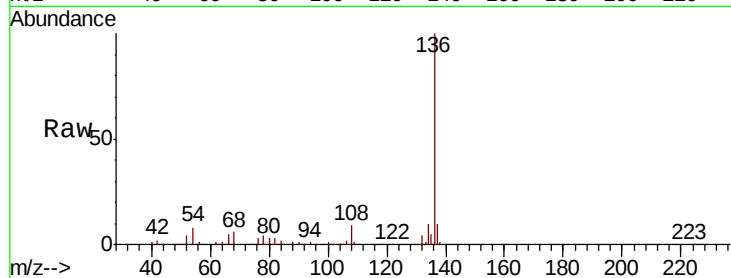




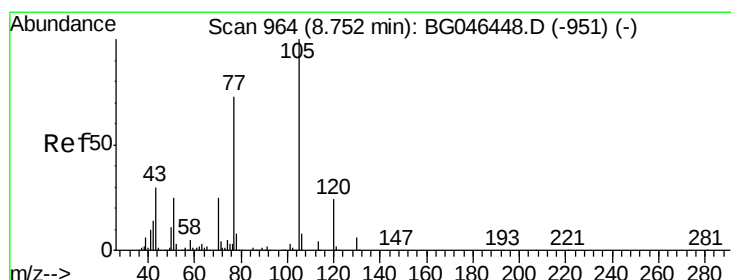
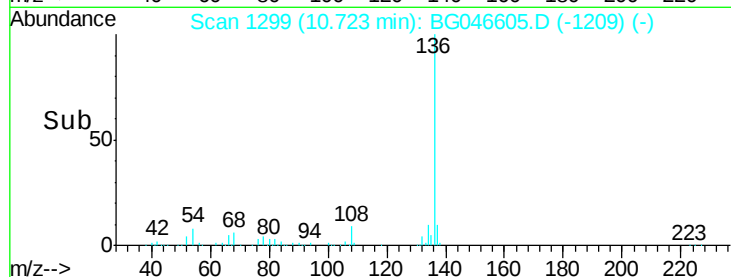
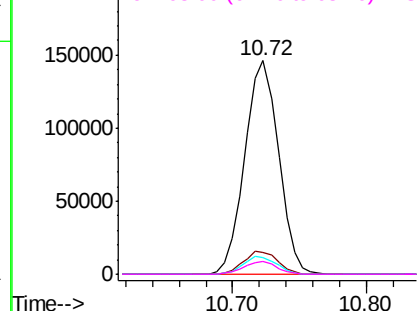
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

Instrument :
BNA_G
ClientSampleId :
PB131580BS

Tot Ion:136	Resp: 255959
Ion Ratio	Lower Upper
136 100	
137 10.3	8.8 13.2
54 8.1	6.1 9.1
68 6.3	4.8 7.2

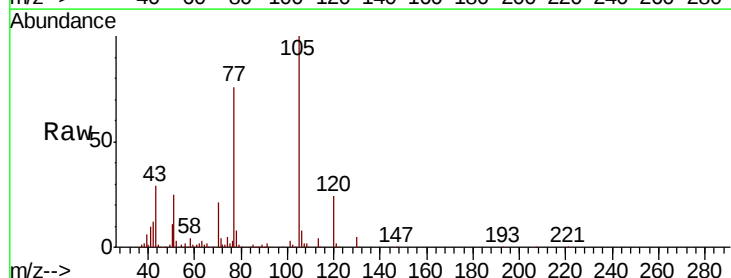


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

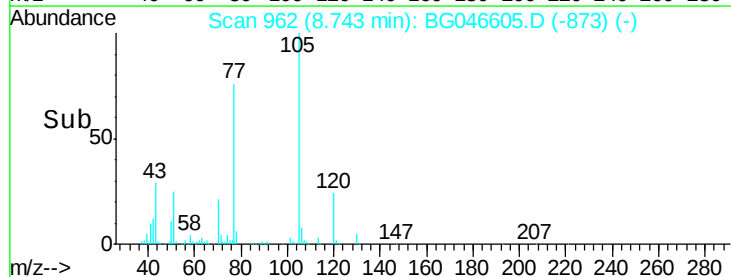
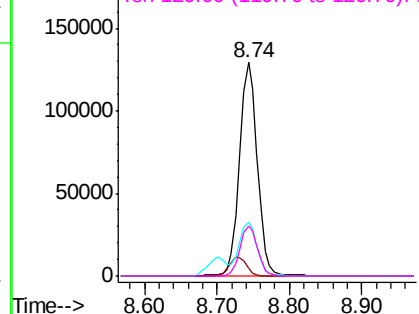


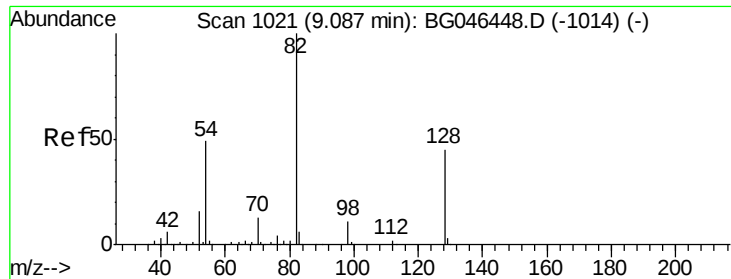
#22
Acetophenone
Concen: 35.660 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

Tgt	Ion:105	Resp:	222183
Ion	Ratio	Lower	Upper
105	100		
71	3.5	3.3	4.9
51	25.1	20.6	31.0
120	23.5	19.0	28.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

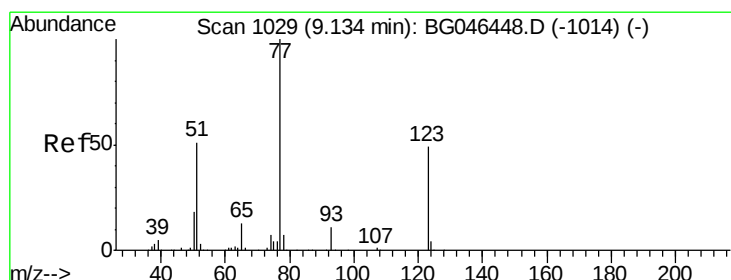
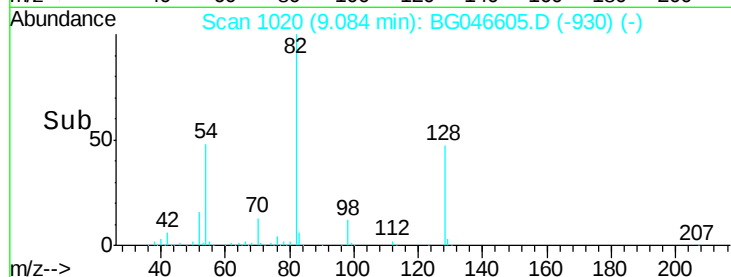
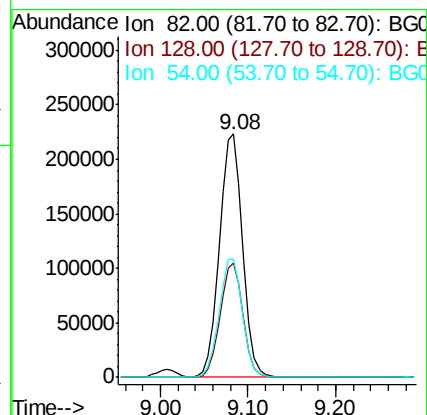
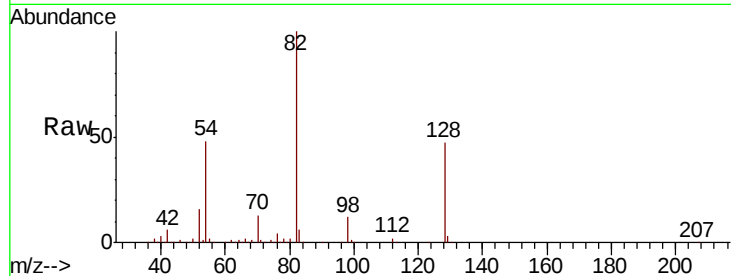




#23
 Nitrobenzene-d5
 Concen: 91.009 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046605.D
 Acq: 14 Sep 2020 16:10

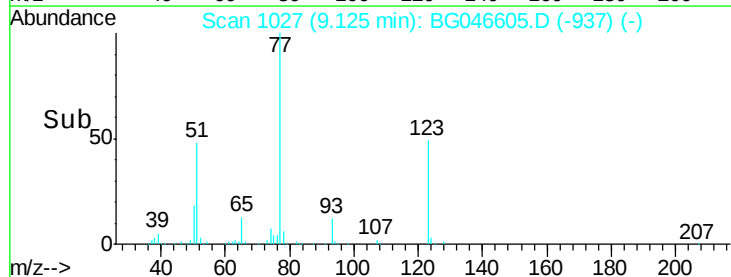
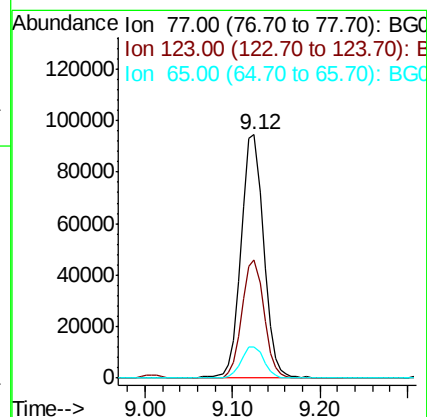
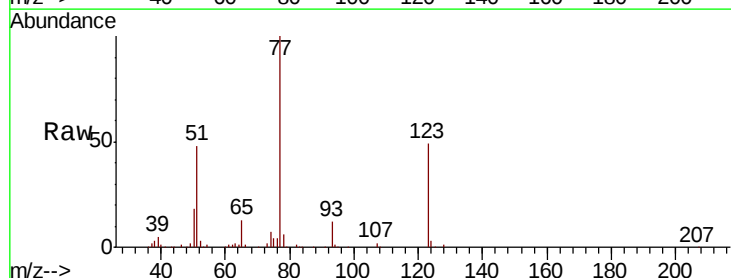
Instrument :
 BNA_G
 ClientSampleId :
 PB131580BS

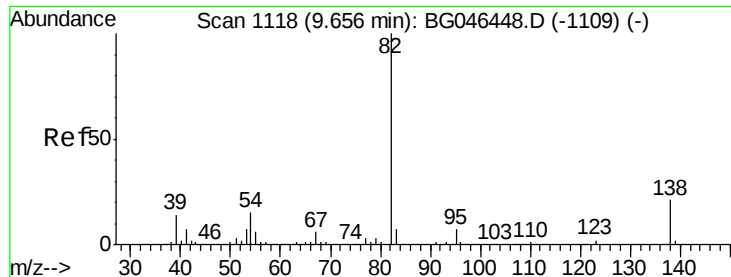
Tot Ion	82	Resp	407568
Ion Ratio	100	Lower	Upper
128	47.0	35.7	53.5
54	48.4	39.4	59.0



#24
 Nitrobenzene
 Concen: 37.189 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG046605.D
 Acq: 14 Sep 2020 16:10

Tgt Ion	77	Resp	164538
Ion Ratio	100	Lower	Upper
123	48.5	39.6	59.4
65	12.6	10.1	15.1





#25

Isophorone

Concen: 38.265 ng

RT: 9.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BG046605.D

Acq: 14 Sep 2020 16:10

Instrument :

BNA_G

ClientSampleId :

PB131580BS

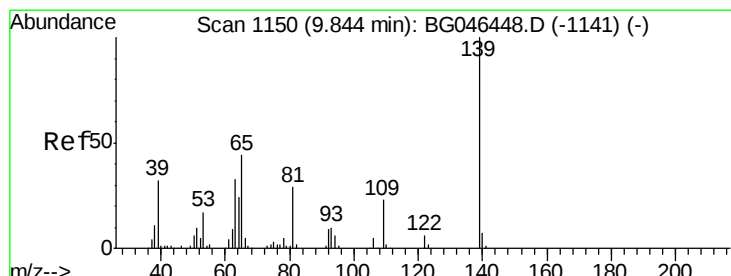
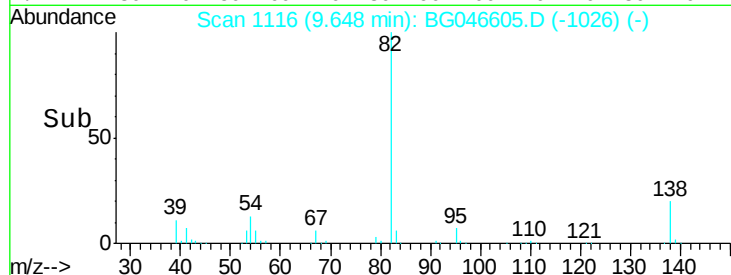
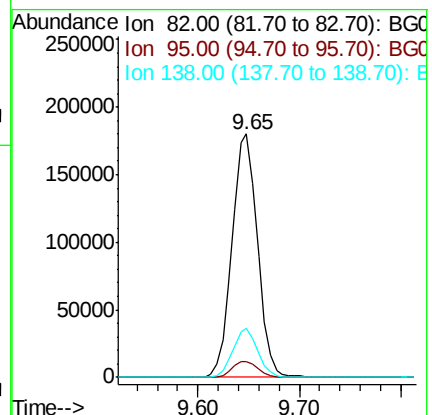
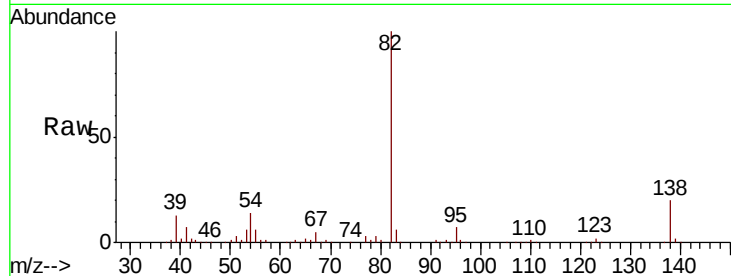
Tot Ion: 82 Resp: 314168

Ion Ratio Lower Upper

82 100

95 6.6 5.8 8.6

138 20.0 16.4 24.6



#26

2-Nitrophenol

Concen: 38.439 ng

RT: 9.84 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BG046605.D

Acq: 14 Sep 2020 16:10

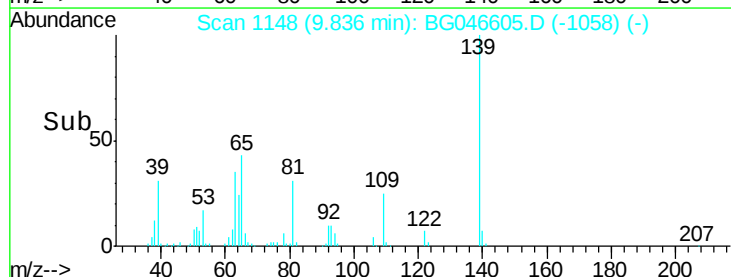
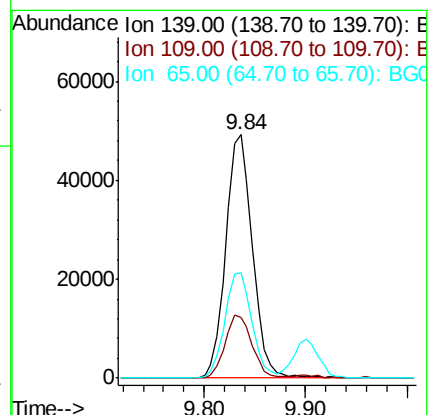
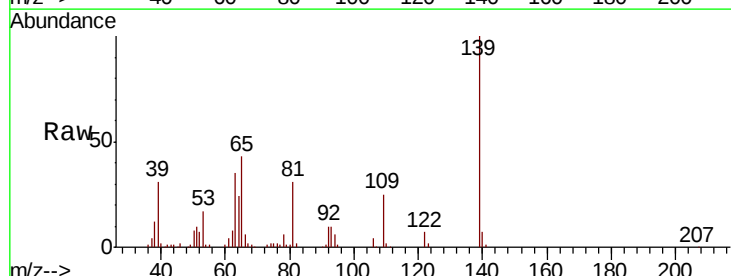
Tgt Ion: 139 Resp: 89729

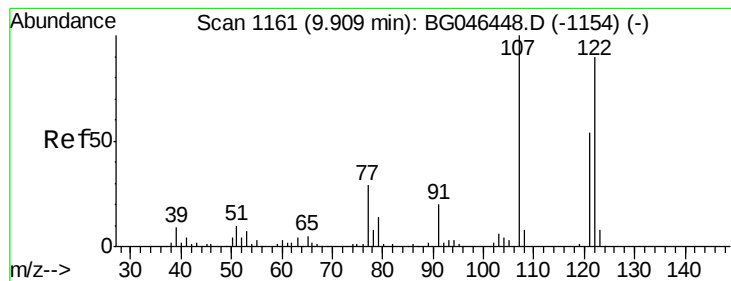
Ion Ratio Lower Upper

139 100

109 24.9 18.8 28.2

65 43.2 35.0 52.6





#27

2,4-Dimethylphenol

Concen: 46.629 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BG046605.D

Acq: 14 Sep 2020 16:10

Instrument :

BNA_G

ClientSampleId :

PB131580BS

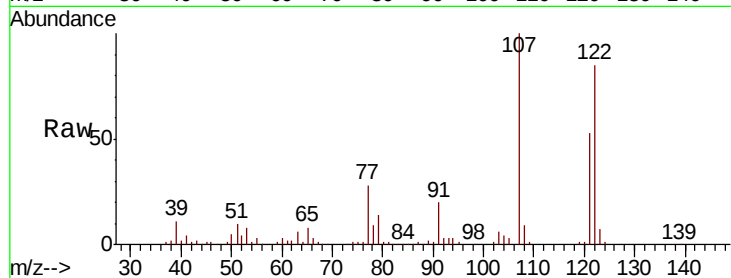
Tot Ion:122 Resp: 149705

Ion Ratio Lower Upper

122 100

107 117.3 88.2 132.2

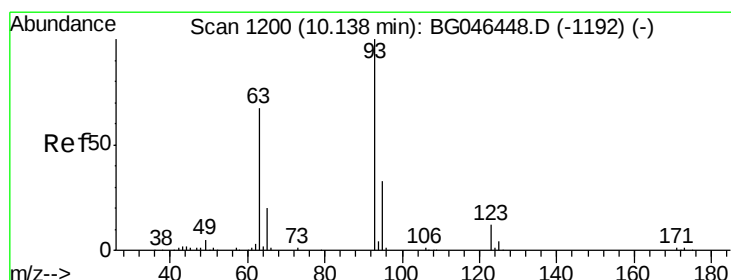
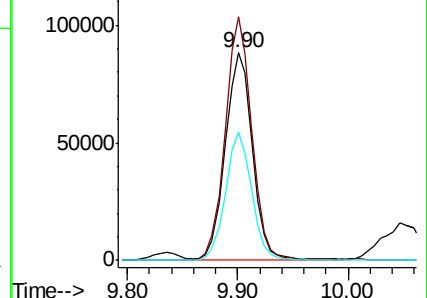
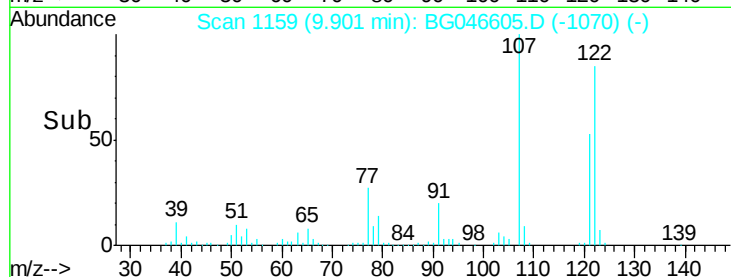
121 61.8 47.4 71.0



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: 36.964 ng

RT: 10.13 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BG046605.D

Acq: 14 Sep 2020 16:10

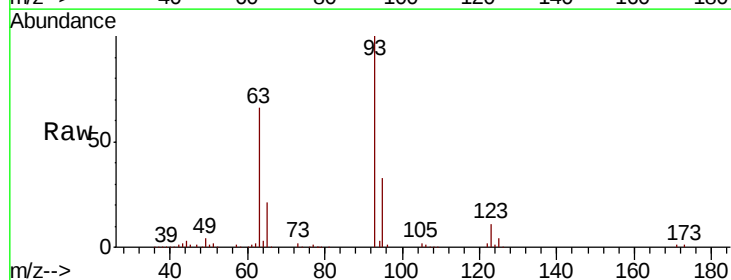
Tgt Ion: 93 Resp: 195343

Ion Ratio Lower Upper

93 100

95 32.7 26.1 39.1

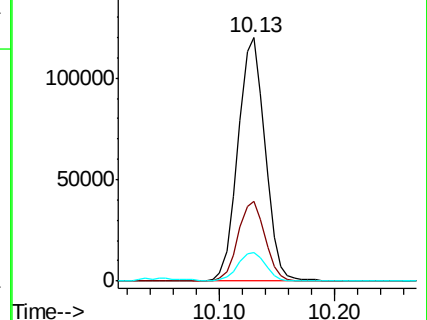
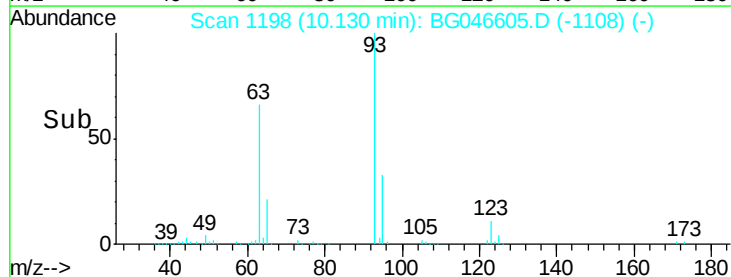
123 11.5 9.5 14.3

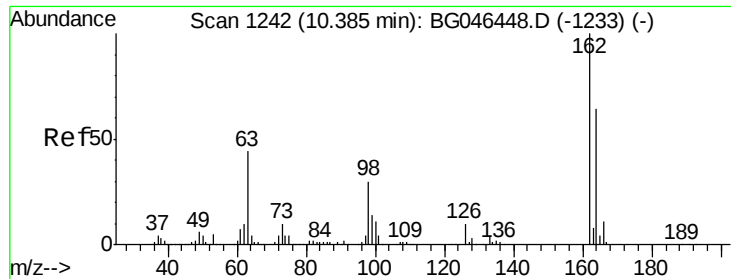


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

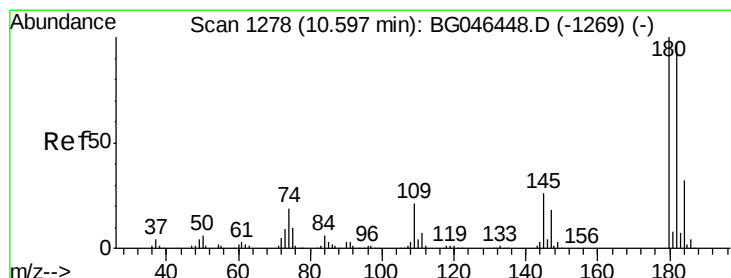
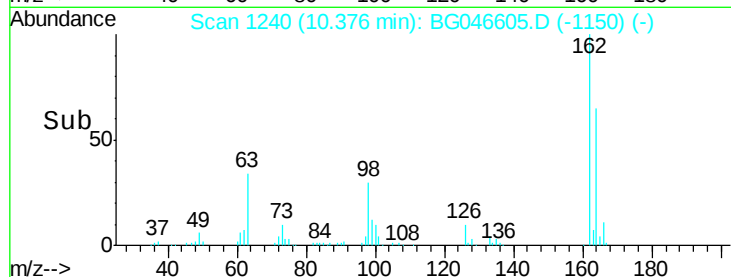
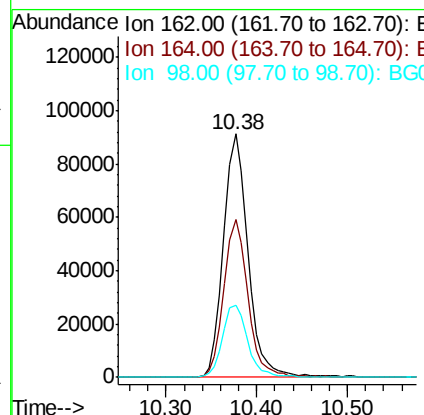
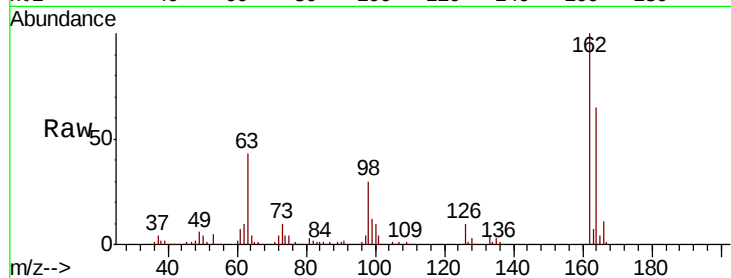




#29
 2,4-Dichlorophenol
 Concen: 40.215 ng
 RT: 10.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BG046605.D
 Acq: 14 Sep 2020 16:10

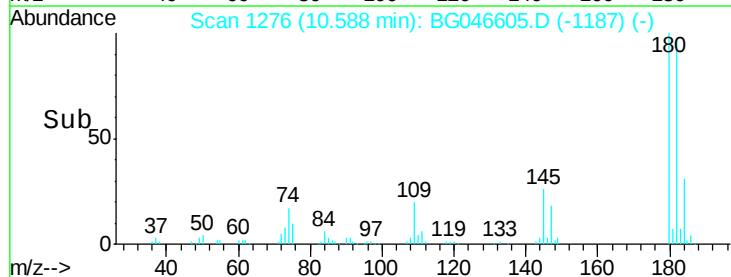
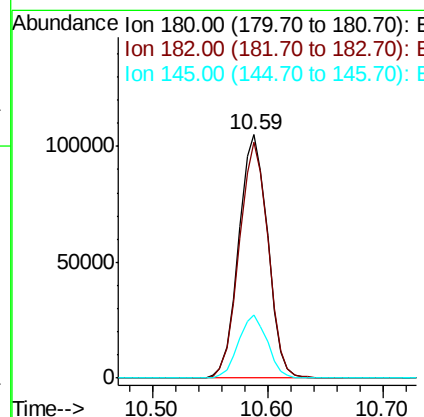
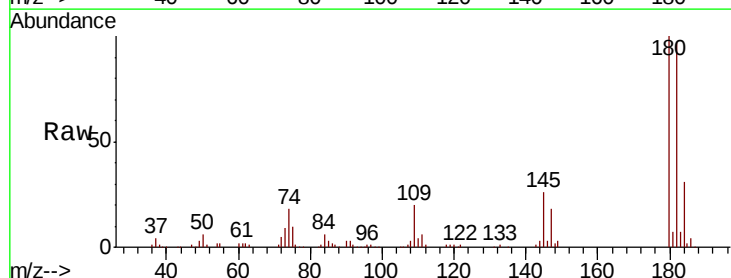
Instrument :
 BNA_G
 ClientSampleId :
 PB131580BS

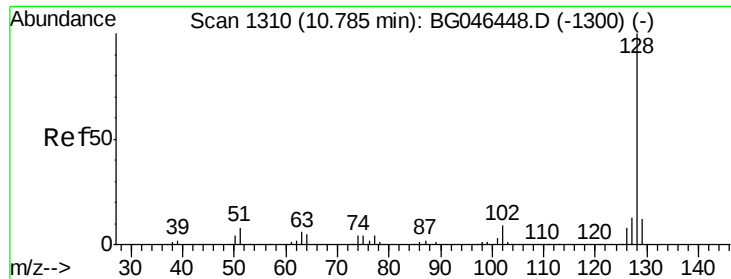
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.3	84.3
98	29.7	10.0	50.0



#30
 1,2,4-Trichlorobenzene
 Concen: 35.896 ng
 RT: 10.59 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BG046605.D
 Acq: 14 Sep 2020 16:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	77.8	116.8
145	26.0	20.9	31.3

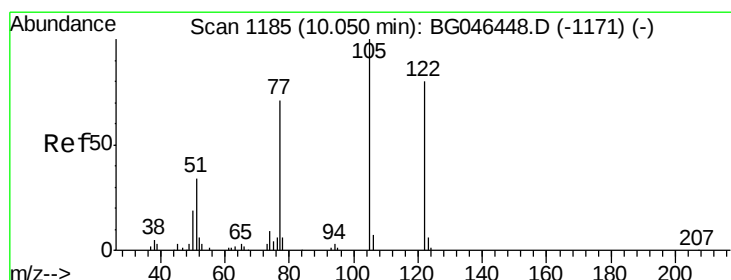
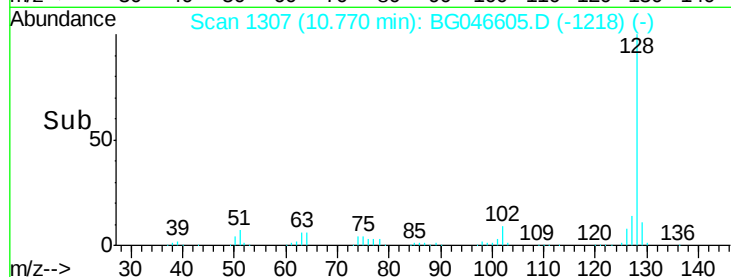
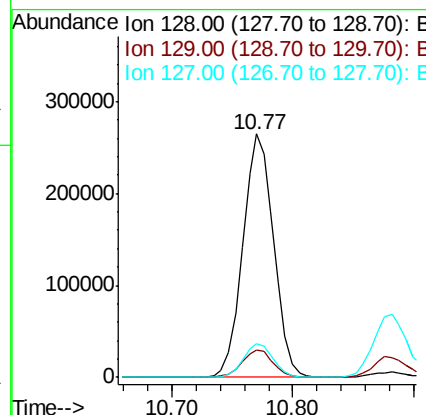
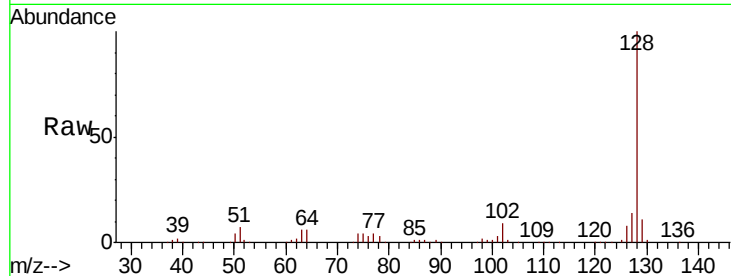




#31
Naphthalene
Concen: 37.470 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

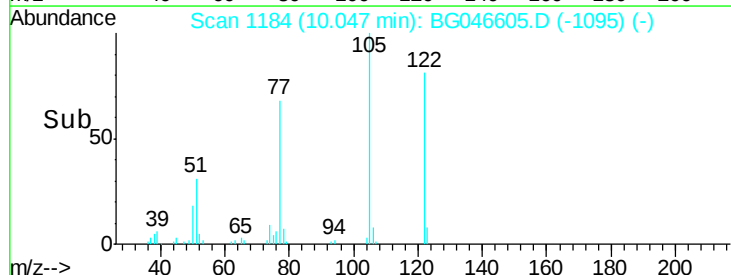
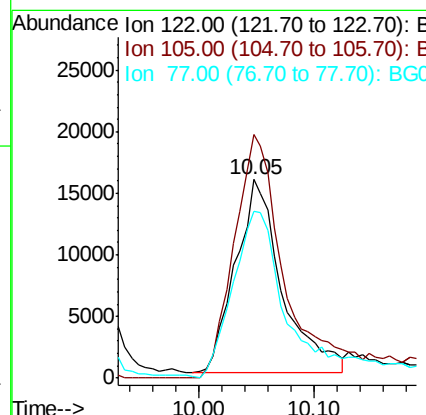
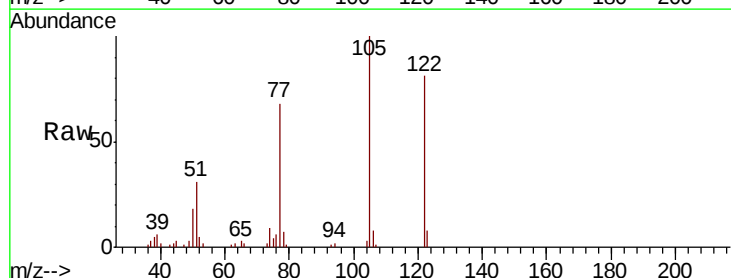
Instrument :
BNA_G
ClientSampleId :
PB131580BS

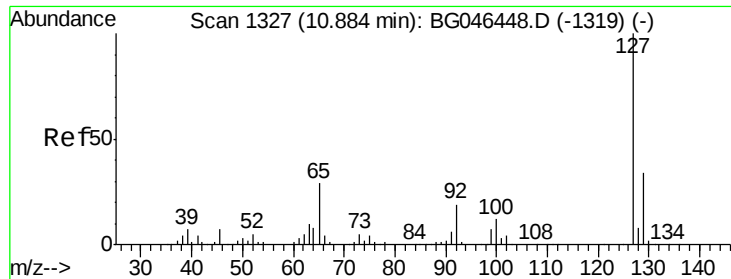
Tot Ion:128 Resp: 468279
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.8 10.7 16.1



#32
Benzoic acid
Concen: 23.930 ng
RT: 10.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

Tgt Ion:122 Resp: 44334
Ion Ratio Lower Upper
122 100
105 122.7 102.5 142.5
77 83.8 68.2 108.2

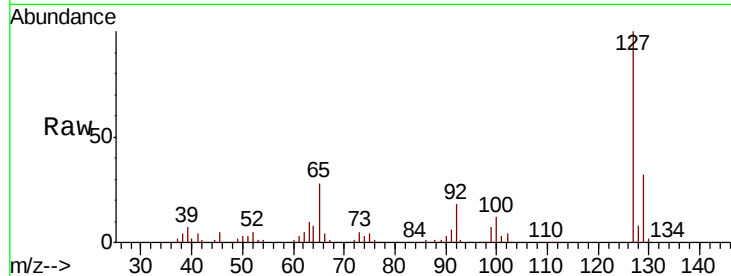




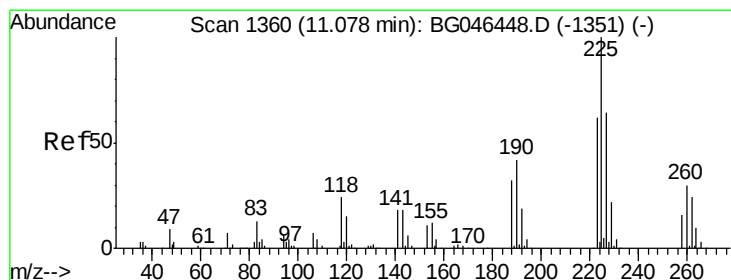
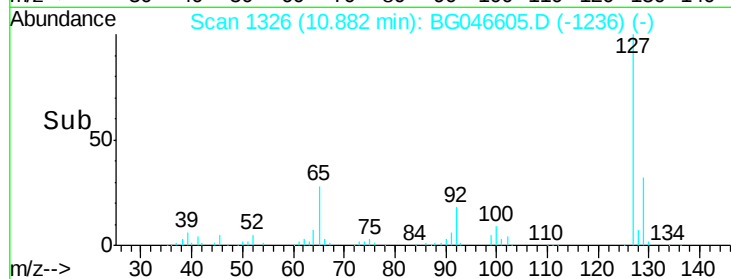
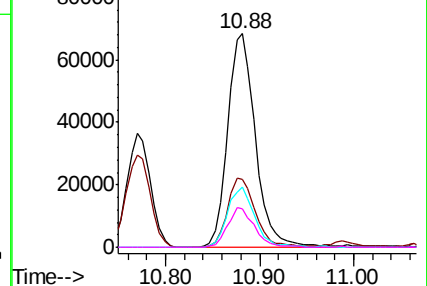
#33
4-Chloroaniline
Concen: 25.462 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

Instrument :
BNA_G
ClientSampleId :
PB131580BS

Tot Ion:127	Resp:	140318
Ion Ratio	Lower	Upper
127	100	
129	32.1	27.0 40.4
65	28.2	23.5 35.3
92	17.7	14.9 22.3

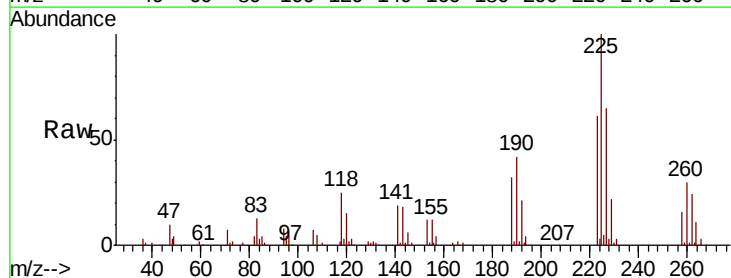


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

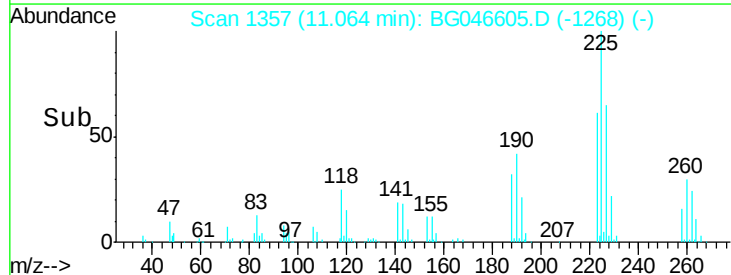
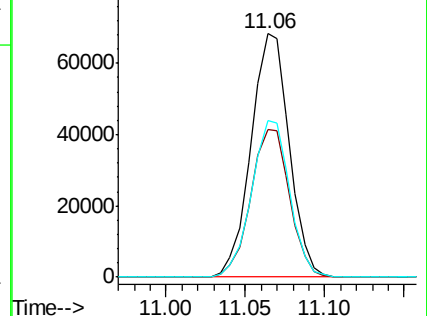


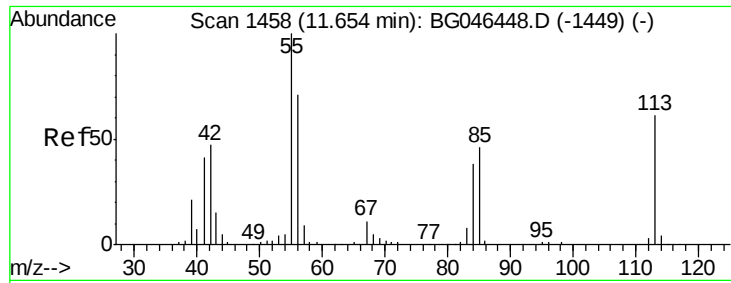
#34
Hexachlorobutadiene
Concen: 34.691 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

Tgt Ion:225	Resp:	114361
Ion Ratio	Lower	Upper
225	100	
223	60.7	49.9 74.9
227	64.5	51.6 77.4



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

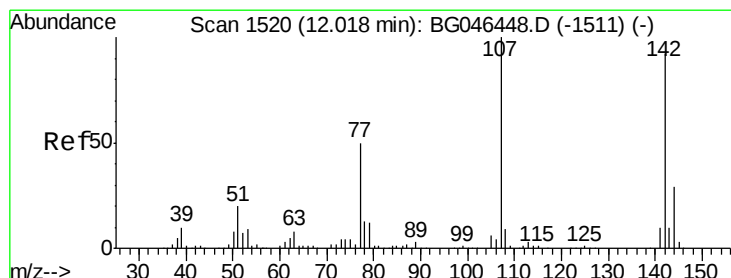
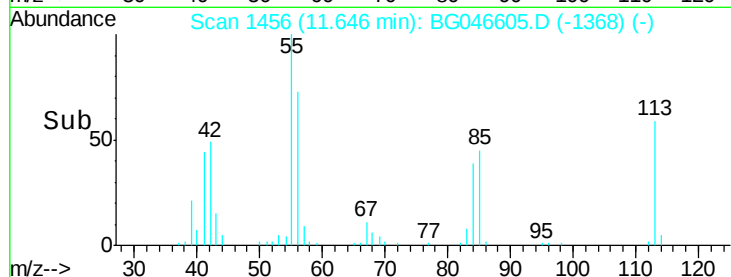
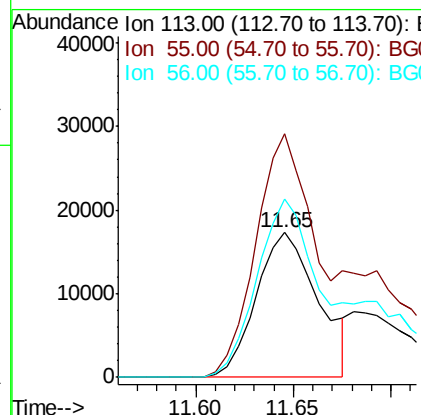
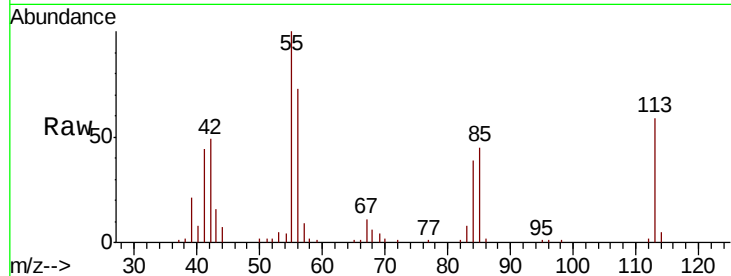




#35
 Caprolactam
 Concen: 23.694 ng
 RT: 11.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BG046605.D
 Acq: 14 Sep 2020 16:10

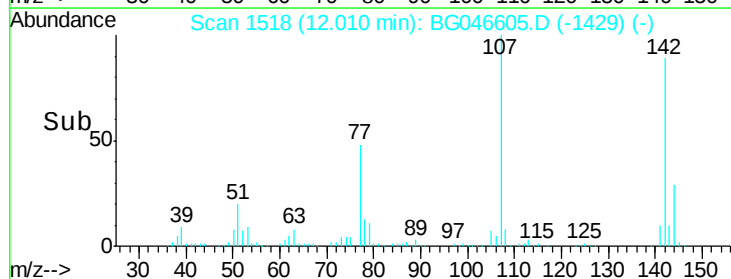
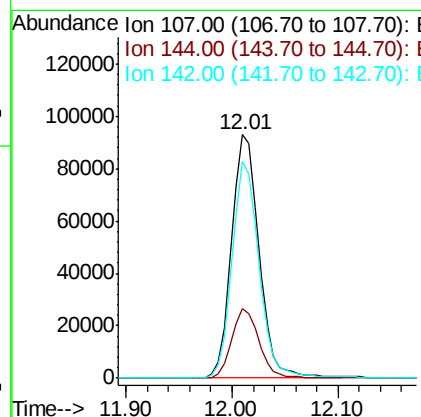
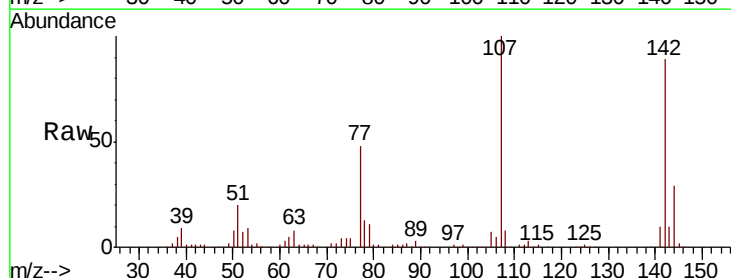
Instrument :
 BNA_G
 ClientSampleId :
 PB131580BS

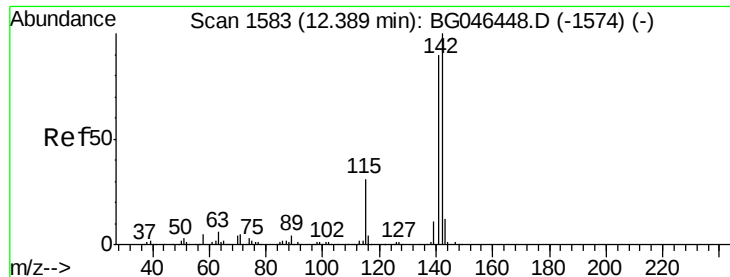
Tot Ion:113 Resp: 37907
 Ion Ratio Lower Upper
 113 100
 55 168.5 144.2 184.2
 56 123.1 97.0 137.0



#36
 4-Chloro-3-methylphenol
 Concen: 39.959 ng
 RT: 12.01 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BG046605.D
 Acq: 14 Sep 2020 16:10

Tgt Ion:107 Resp: 167271
 Ion Ratio Lower Upper
 107 100
 144 28.7 23.3 34.9
 142 89.0 73.7 110.5

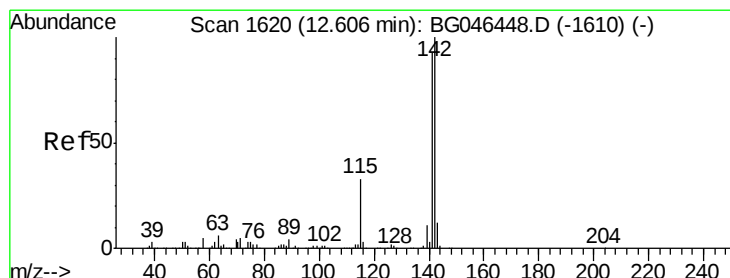
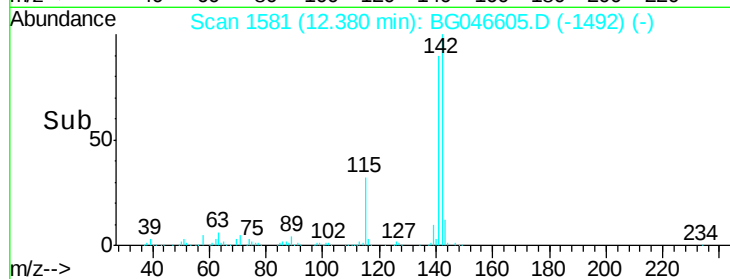
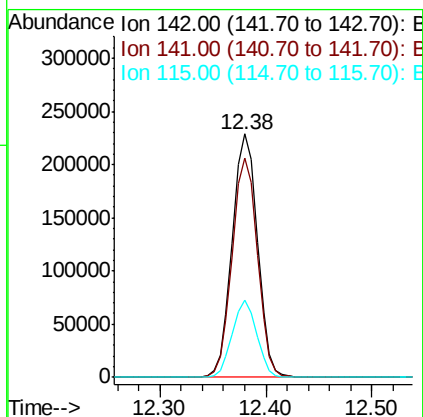
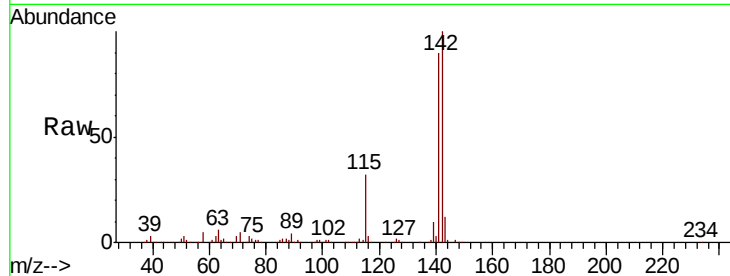




#37
2-Methylnaphthalene
Concen: 38.367 ng
RT: 12.38 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

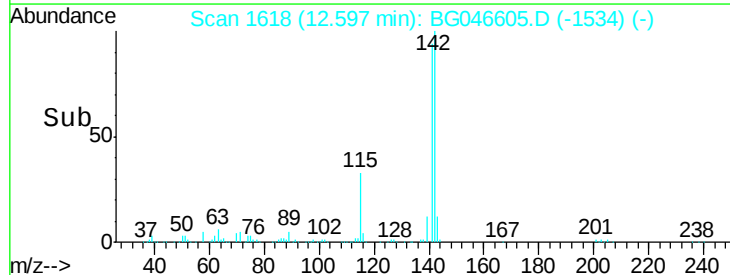
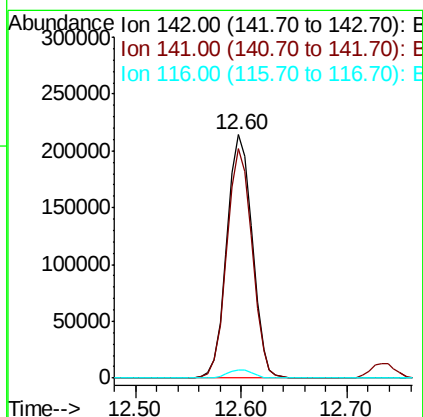
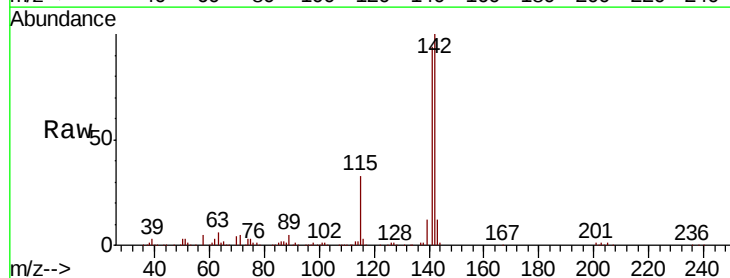
Instrument :
BNA_G
ClientSampleId :
PB131580BS

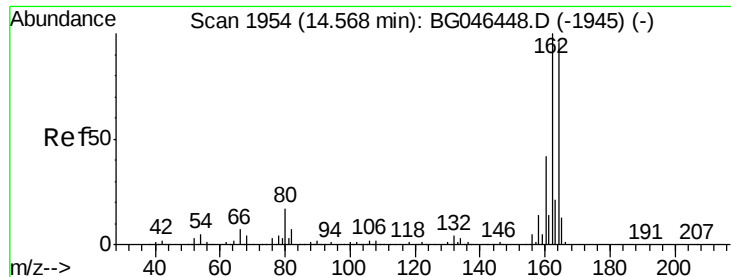
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.1	108.1
115	31.7	24.9	37.3



#38
1-Methylnaphthalene
Concen: 38.079 ng
RT: 12.60 min Scan# 1618
Delta R.T. -0.01 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	74.7	112.1
116	3.5	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG046605.D

Acq: 14 Sep 2020 16:10

Instrument :

BNA_G

ClientSampleId :

PB131580BS

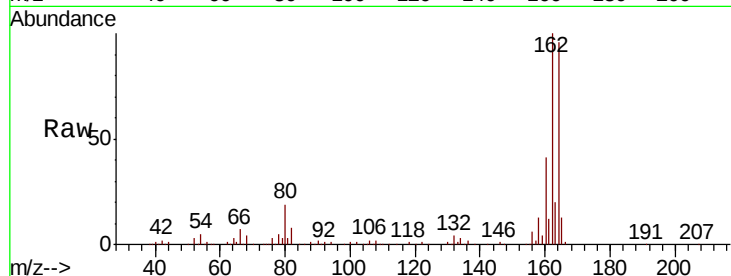
Tot Ion:164 Resp: 184554

Ion Ratio Lower Upper

164 100

162 103.9 83.3 124.9

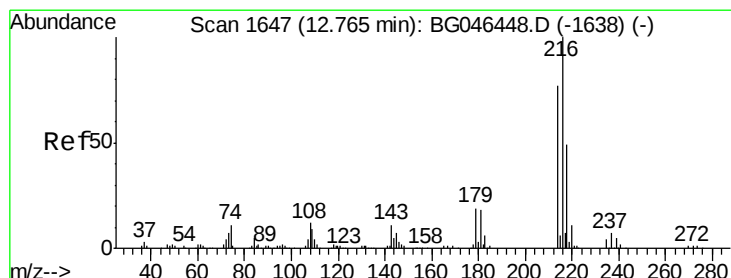
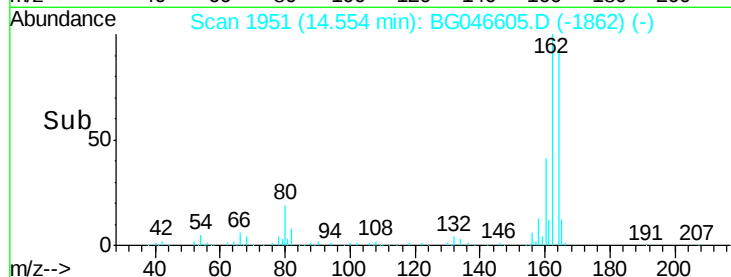
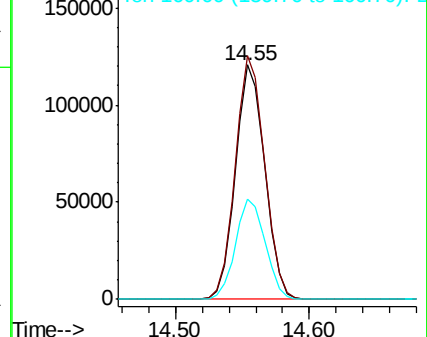
160 42.9 35.0 52.6



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: 36.768 ng

RT: 12.76 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BG046605.D

Acq: 14 Sep 2020 16:10

Tgt Ion:216 Resp: 223769

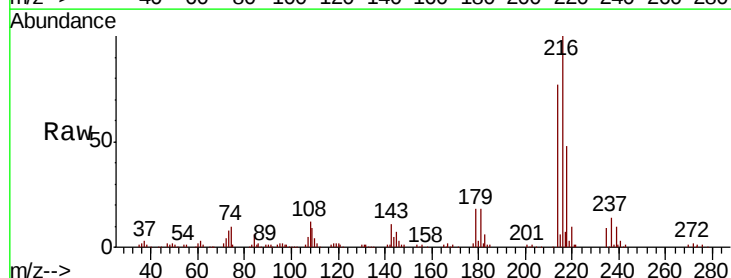
Ion Ratio Lower Upper

216 100

214 77.8 62.1 93.1

179 18.5 14.9 22.3

108 14.5 10.5 15.7

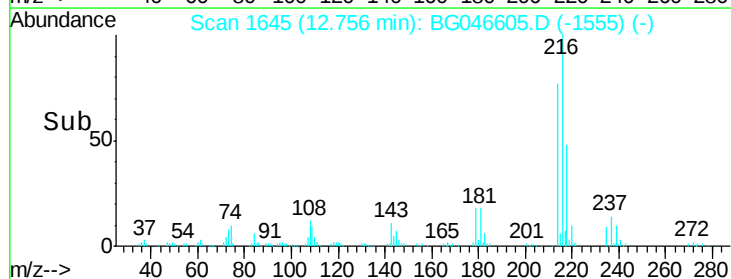
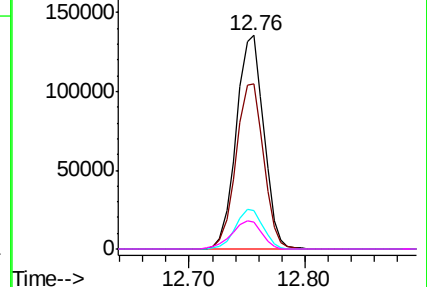


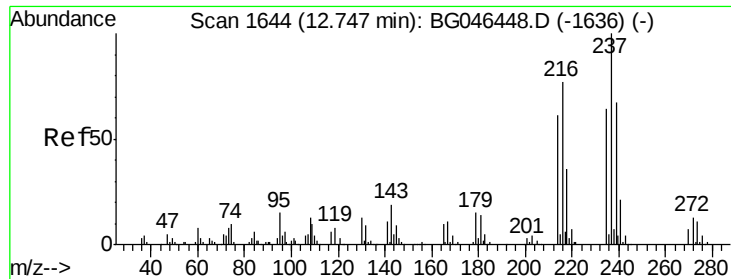
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

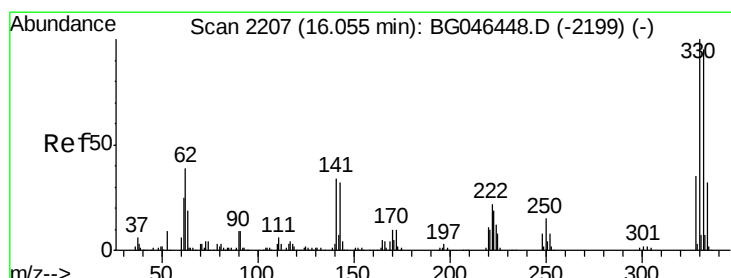
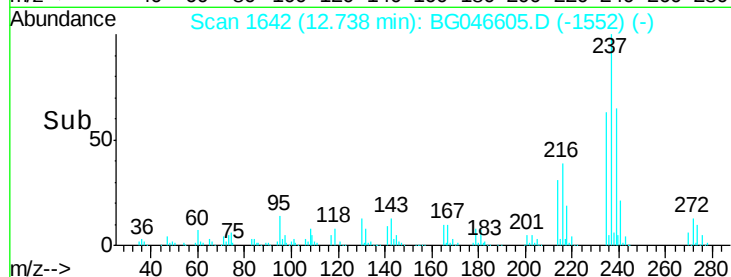
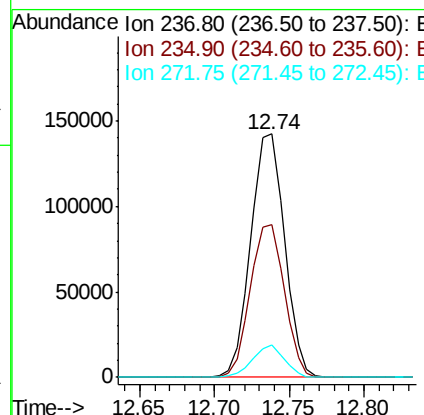
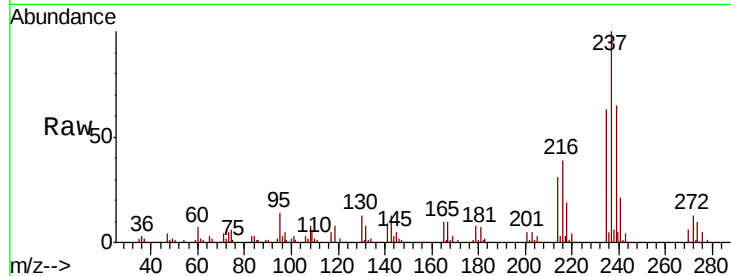




#41
 Hexachlorocyclopentadiene
 Concen: 84.403 ng
 RT: 12.74 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BG046605.D
 Acq: 14 Sep 2020 16:10

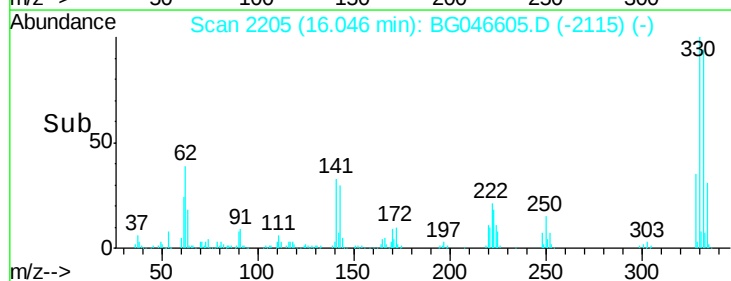
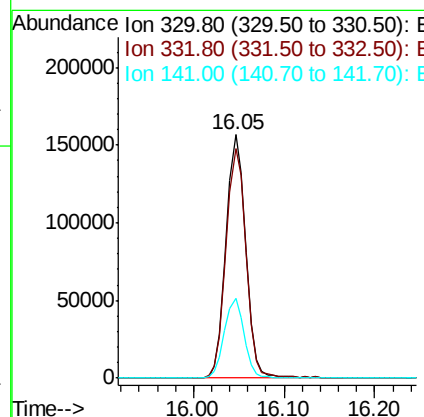
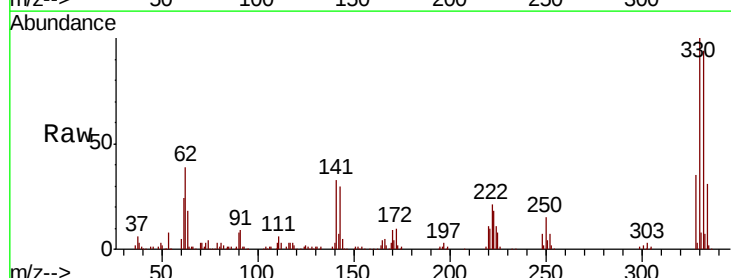
Instrument :
 BNA_G
 ClientSampleId :
 PB131580BS

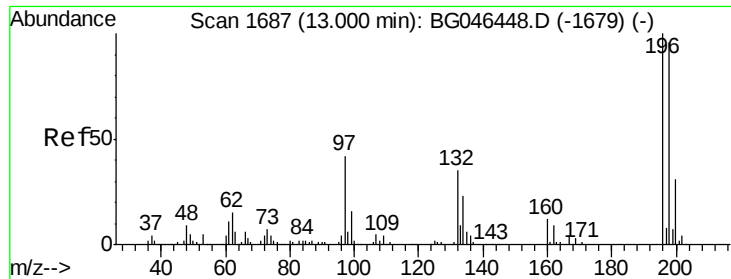
Tot Ion:	237	Resp:	223354
Ion	Ratio	Lower	Upper
237	100		
235	62.6	44.5	84.5
272	13.3	0.0	32.8



#42
 2,4,6-Tribromophenol
 Concen: 94.754 ng
 RT: 16.05 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BG046605.D
 Acq: 14 Sep 2020 16:10

Tgt Ion:	330	Resp:	236939
Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.1	114.1
141	33.0	26.1	39.1

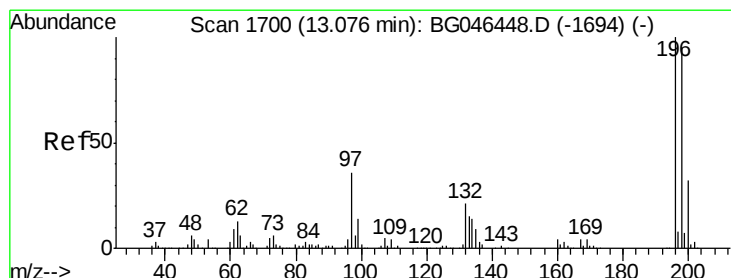
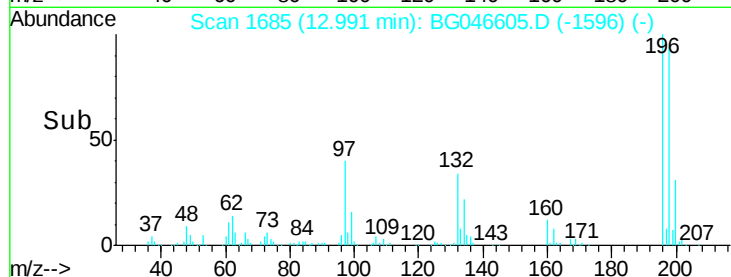
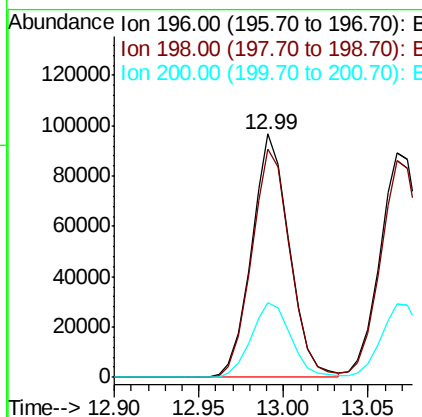
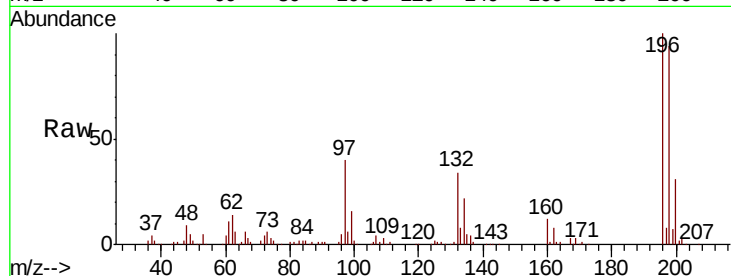




#43
 2,4,6-Trichlorophenol
 Concen: 36.537 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BG046605.D
 Acq: 14 Sep 2020 16:10

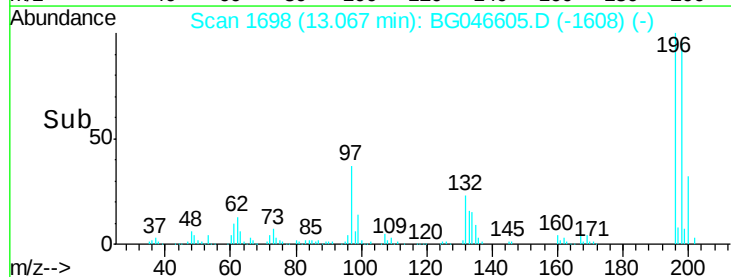
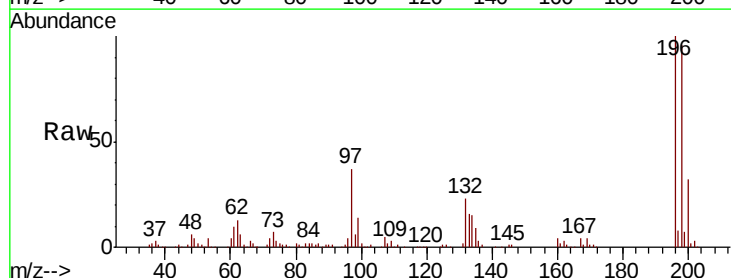
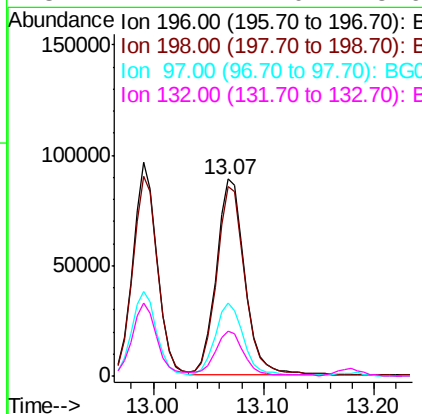
Instrument :
 BNA_G
 ClientSampleId :
 PB131580BS

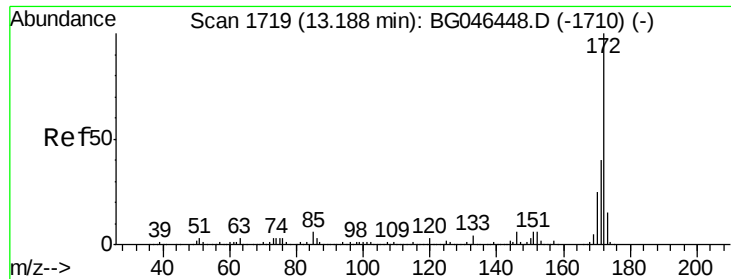
Tot Ion	196	Resp	150057
Ion Ratio	Lower	Upper	
196	100		
198	93.6	77.0	115.6
200	30.7	25.2	37.8



#44
 2,4,5-Trichlorophenol
 Concen: 36.996 ng
 RT: 13.07 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG046605.D
 Acq: 14 Sep 2020 16:10

Tgt Ion	196	Resp	159638
Ion Ratio	Lower	Upper	
196	100		
198	96.3	75.6	113.4
97	37.2	28.6	43.0
132	22.7	17.0	25.6

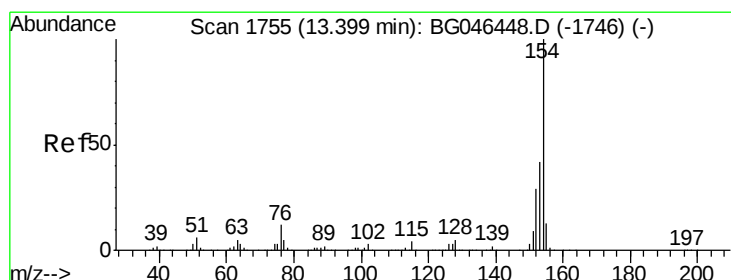
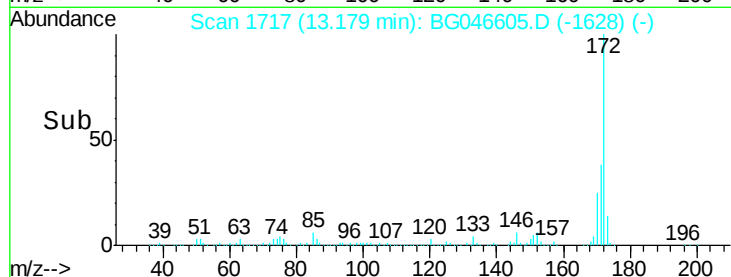
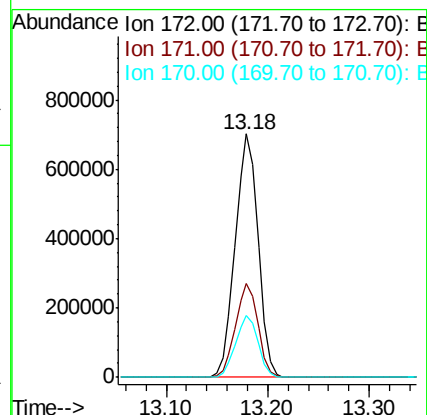
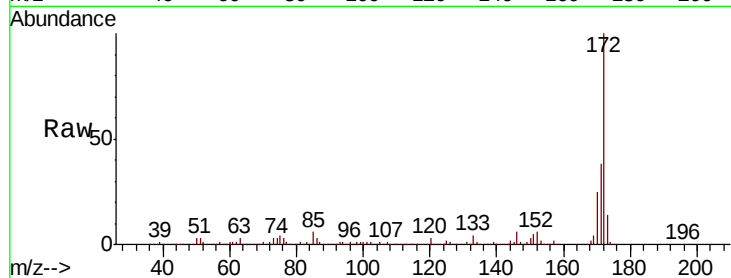




#45
2-Fluorobiphenyl
Concen: 90.850 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

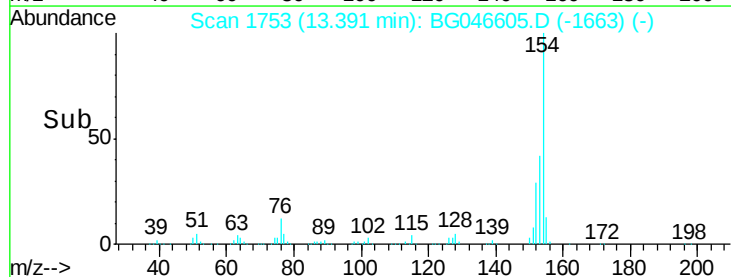
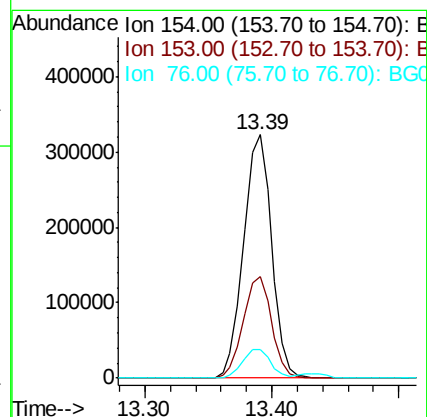
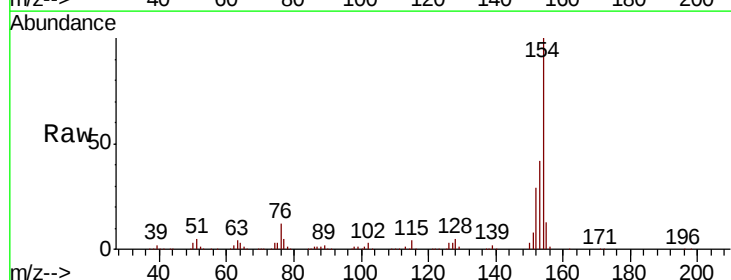
Instrument :
BNA_G
ClientSampleId :
PB131580BS

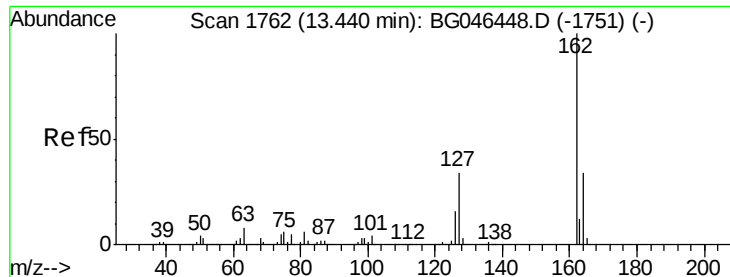
Tot Ion:172 Resp: 1098331
Ion Ratio Lower Upper
172 100
171 38.4 31.8 47.6
170 25.3 20.3 30.5



#46
1,1'-Biphenyl
Concen: 38.549 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

Tgt Ion:154 Resp: 494983
Ion Ratio Lower Upper
154 100
153 41.6 22.0 62.0
76 11.9 0.0 32.3

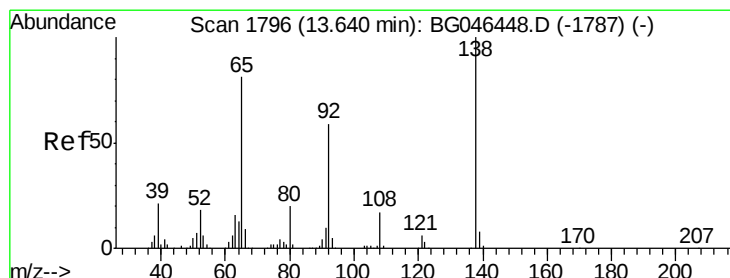
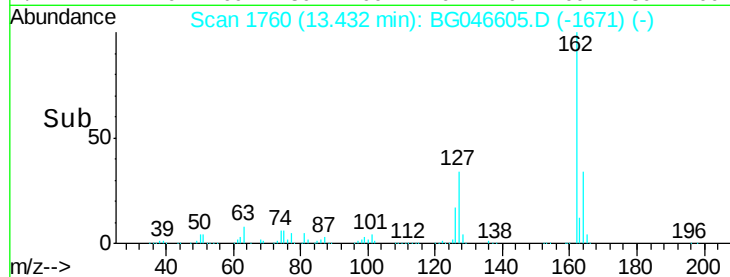
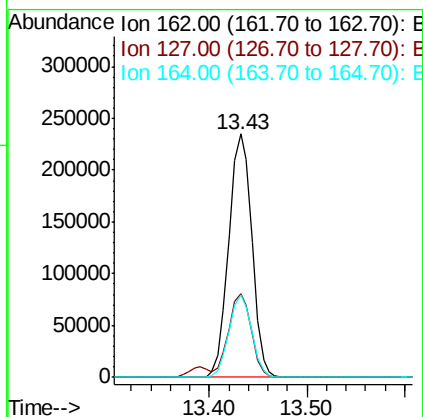
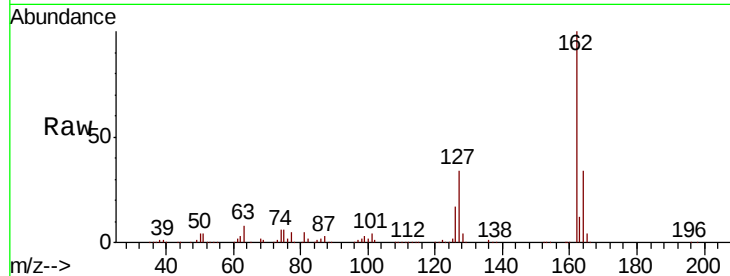




#47
2-Chloronaphthalene
Concen: 35.519 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

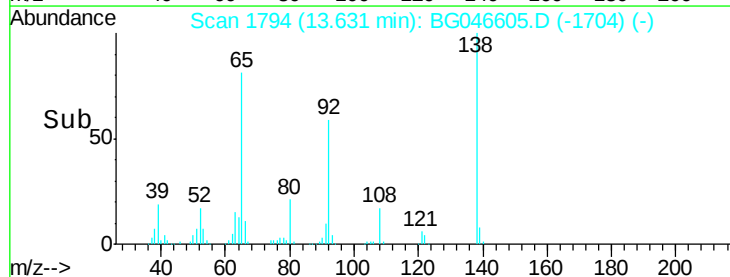
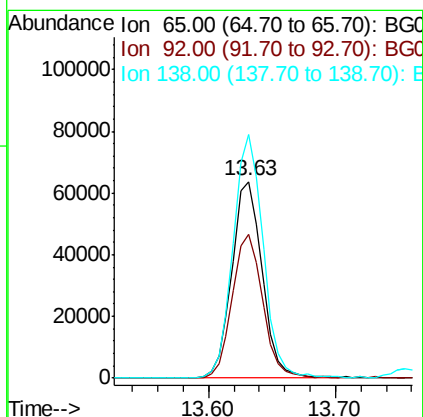
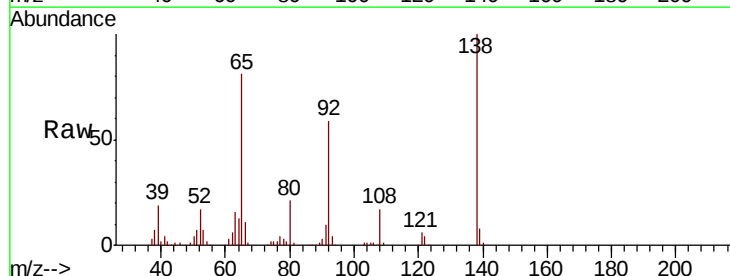
Instrument :
BNA_G
ClientSampleId :
PB131580BS

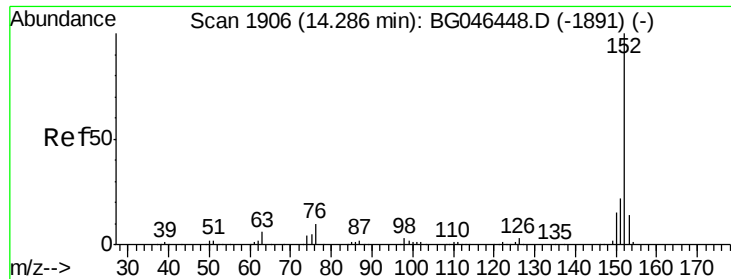
Tot Ion:162 Resp: 386691
Ion Ratio Lower Upper
162 100
127 34.2 27.6 41.4
164 34.1 27.3 40.9



#48
2-Nitroaniline
Concen: 34.901 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

Tgt Ion: 65 Resp: 105506
Ion Ratio Lower Upper
65 100
92 73.0 58.5 87.7
138 123.7 98.4 147.6





#49

Acenaphthylene

Concen: 38.160 ng

RT: 14.28 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BG046605.D

Acq: 14 Sep 2020 16:10

Instrument :

BNA_G

ClientSampleId :

PB131580BS

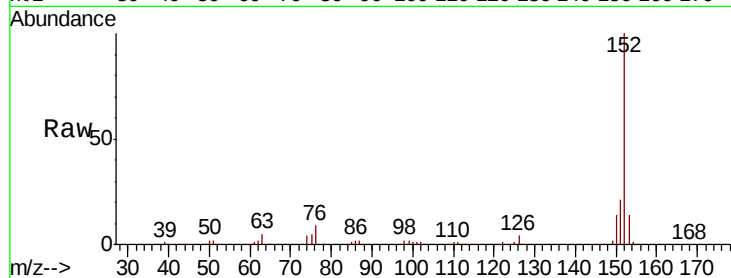
Tot Ion:152 Resp: 630179

Ion Ratio Lower Upper

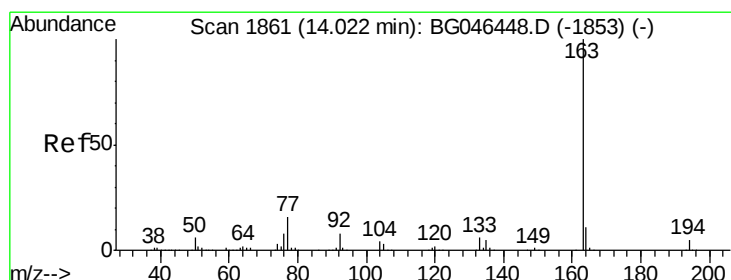
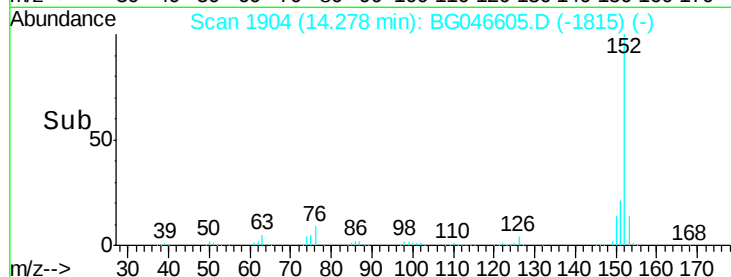
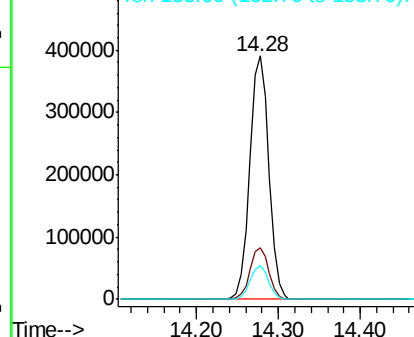
152 100

151 21.3 17.7 26.5

153 13.7 11.2 16.8



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: 35.467 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG046605.D

Acq: 14 Sep 2020 16:10

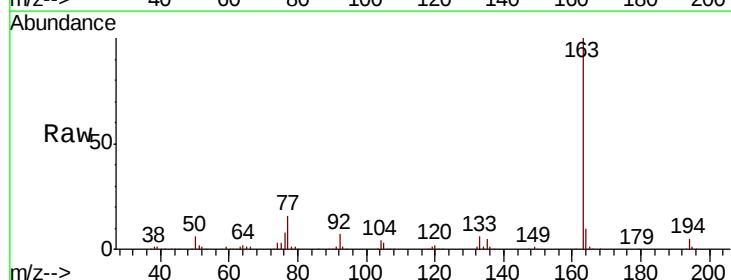
Tgt Ion:163 Resp: 506396

Ion Ratio Lower Upper

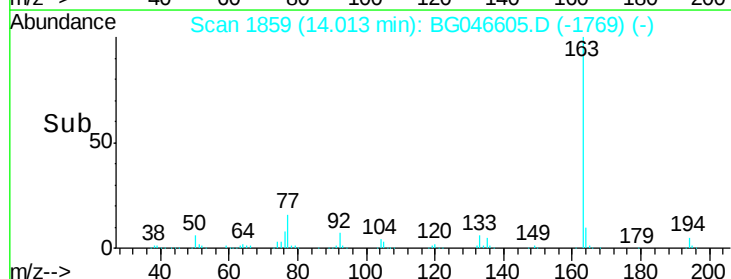
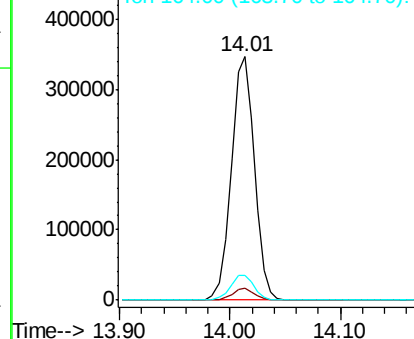
163 100

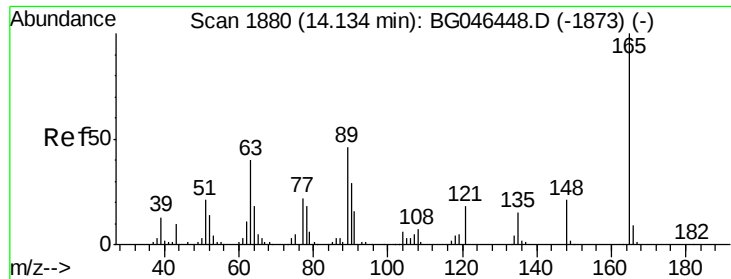
194 4.9 3.7 5.5

164 10.1 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

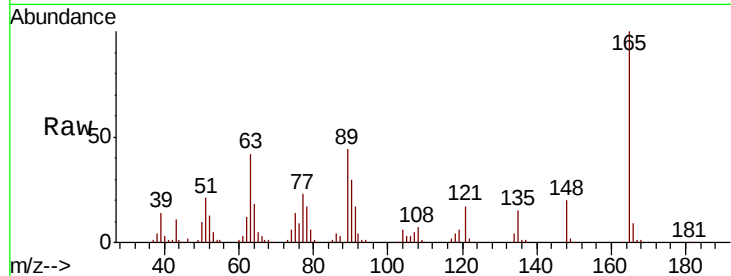




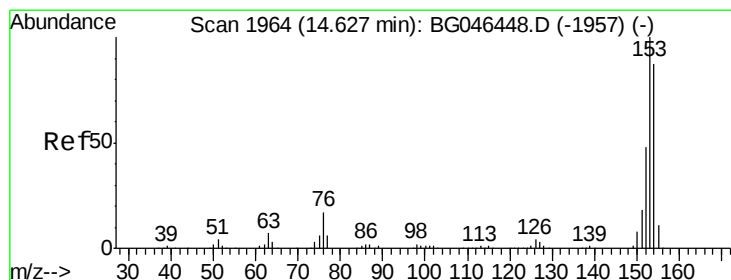
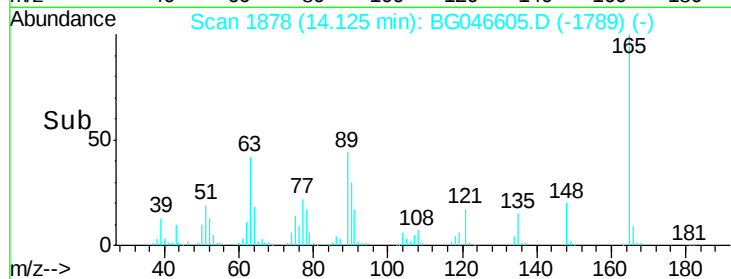
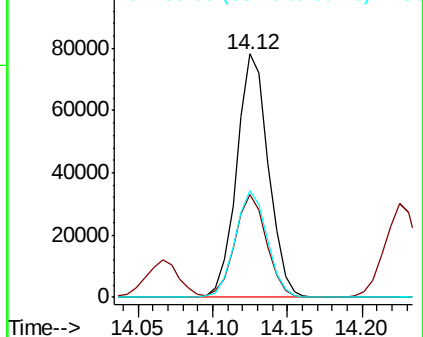
#51
 2,6-Dinitrotoluene
 Concen: 36.654 ng
 RT: 14.12 min Scan# 1878
 Delta R.T. -0.01 min
 Lab File: BG046605.D
 Acq: 14 Sep 2020 16:10

Instrument :
 BNA_G
 ClientSampleId :
 PB131580BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.4	34.2	51.4
89	43.9	37.0	55.4

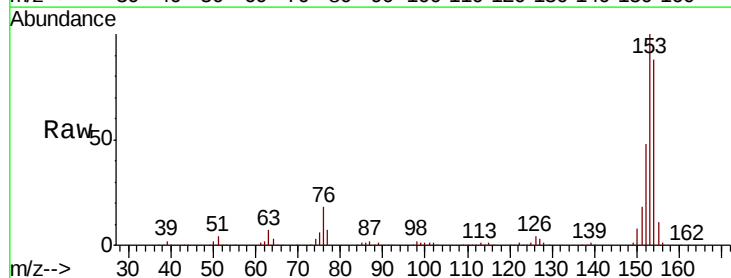


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

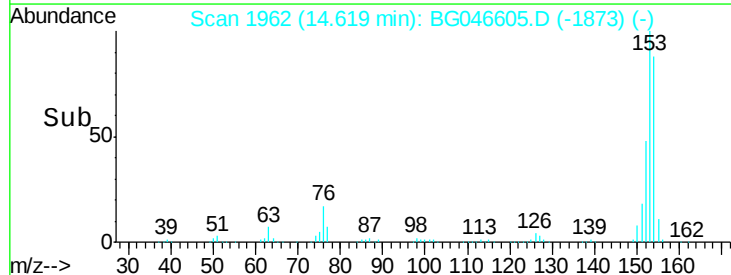
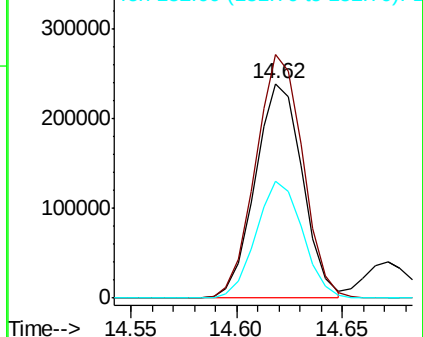


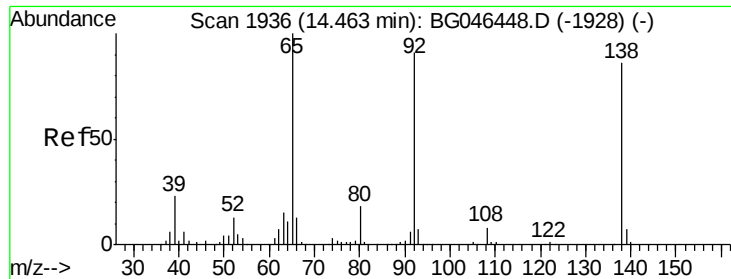
#52
 Acenaphthene
 Concen: 36.384 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BG046605.D
 Acq: 14 Sep 2020 16:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.9	137.9
152	54.8	43.8	65.6



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: 25.802 ng

RT: 14.45 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BG046605.D

Acq: 14 Sep 2020 16:10

Instrument :

BNA_G

ClientSampleId :

PB131580BS

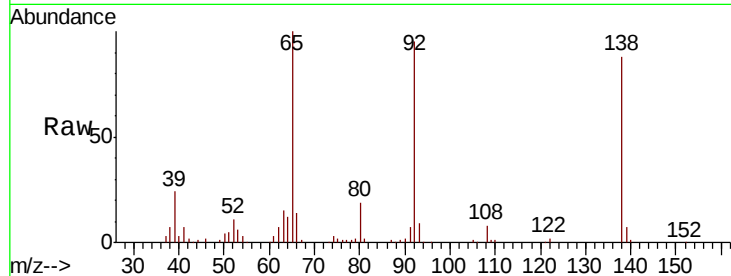
Tot Ion:138 Resp: 87967

Ion Ratio Lower Upper

138 100

108 9.5 7.0 10.6

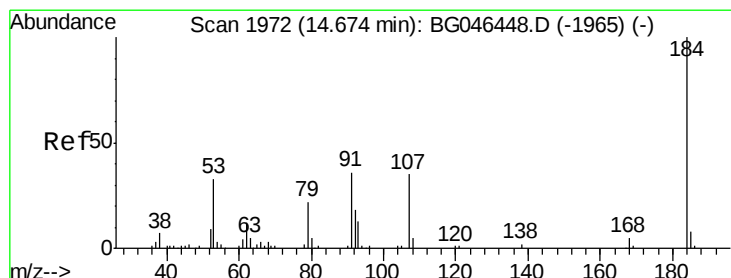
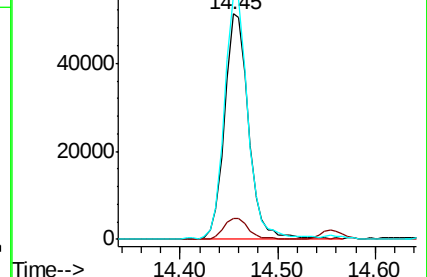
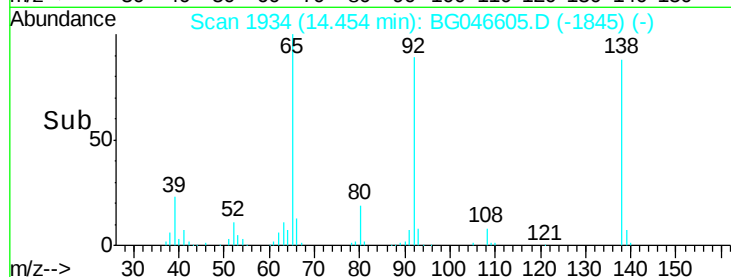
92 107.9 84.6 127.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 69.238 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG046605.D

Acq: 14 Sep 2020 16:10

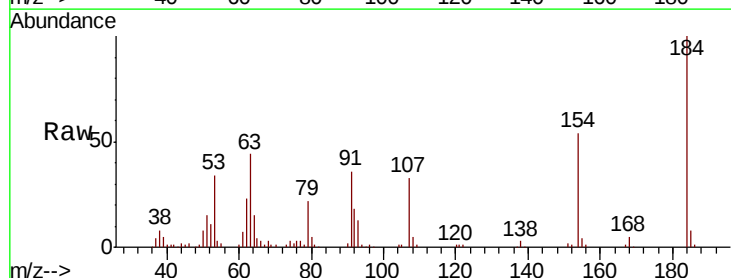
Tgt Ion:184 Resp: 127200

Ion Ratio Lower Upper

184 100

63 44.0 35.6 53.4

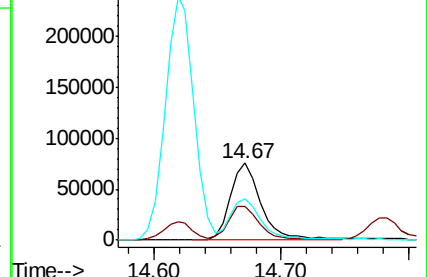
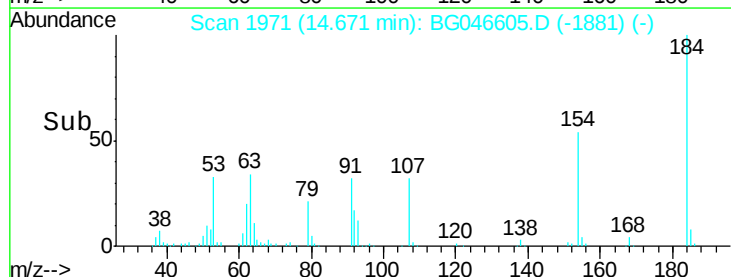
154 54.3 44.3 66.5

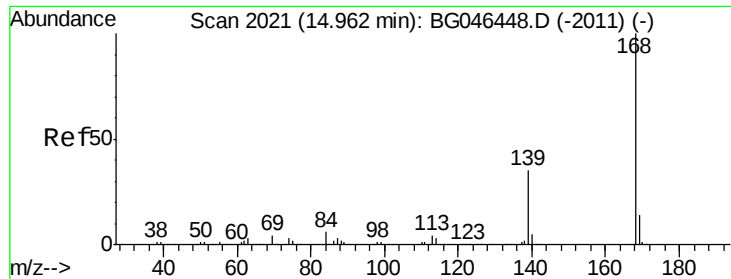


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

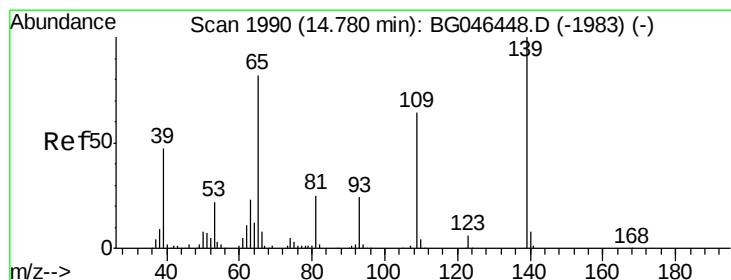
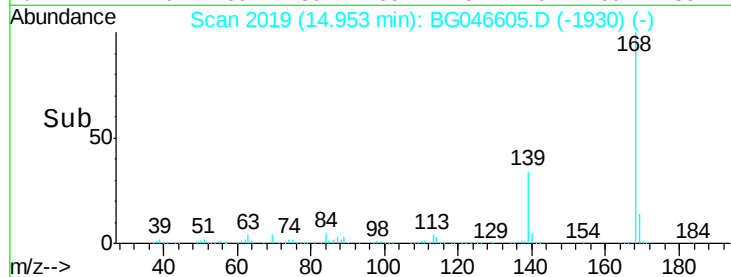
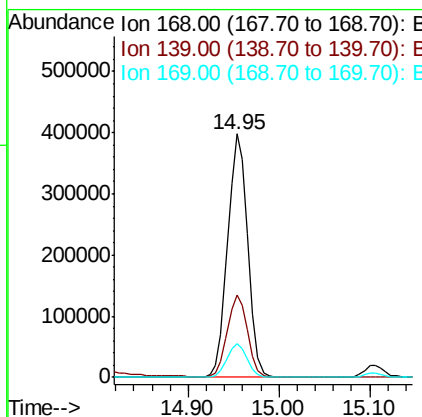
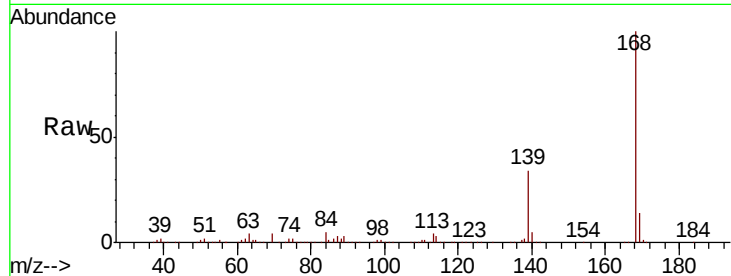




#55
Dibenzenofuran
Concen: 37.205 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

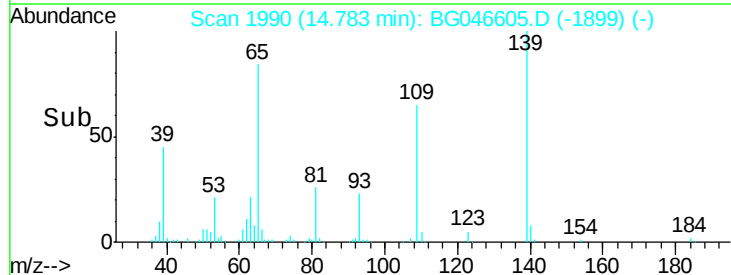
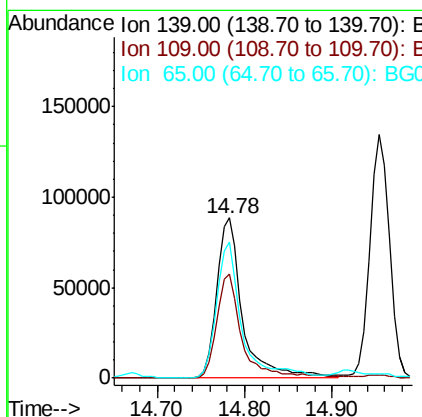
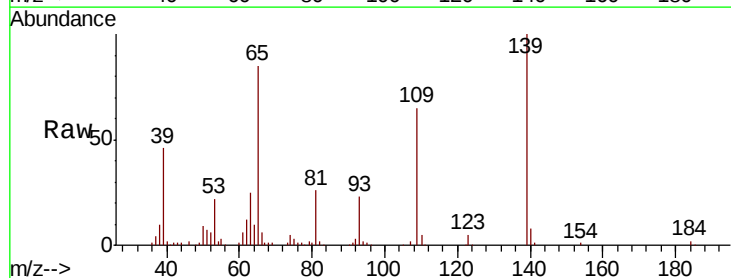
Instrument :
BNA_G
ClientSampleId :
PB131580BS

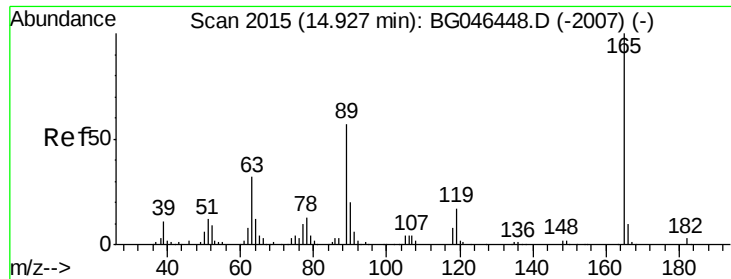
Tot Ion:168 Resp: 611026
Ion Ratio Lower Upper
168 100
139 33.8 28.1 42.1
169 13.9 11.5 17.3



#56
4-Nitrophenol
Concen: 72.304 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

Tgt Ion:139 Resp: 181415
Ion Ratio Lower Upper
139 100
109 64.6 44.3 84.3
65 84.6 61.5 101.5

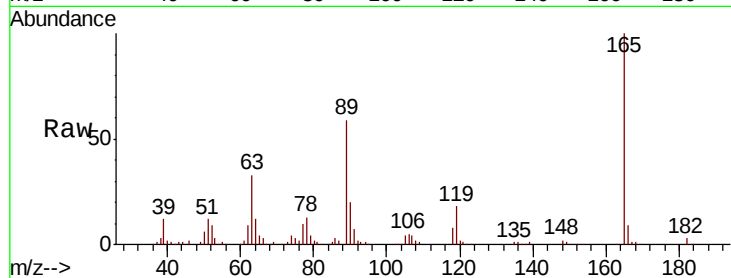




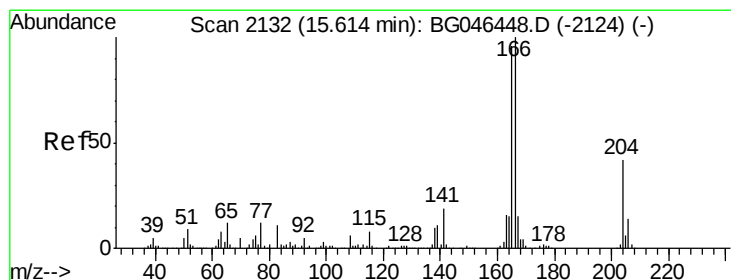
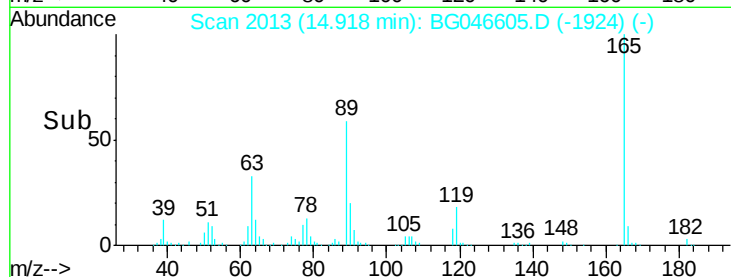
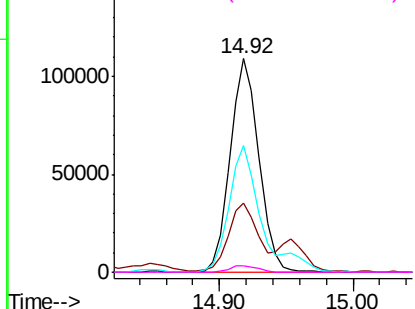
#57
2,4-Dinitrotoluene
Concen: 36.444 ng
RT: 14.92 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

Instrument :
BNA_G
ClientSampleId :
PB131580BS

Tot Ion:165	Resp:	163552	
Ion Ratio	Lower	Upper	
165 100			
63 32.6	25.4	38.0	
89 59.1	45.9	68.9	
182 3.0	2.3	3.5	

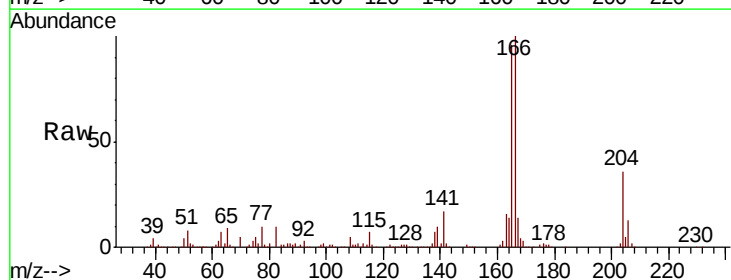


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

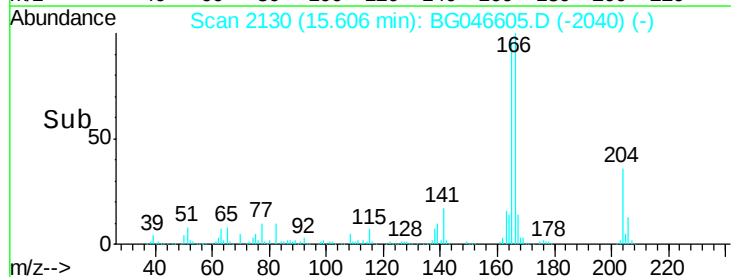
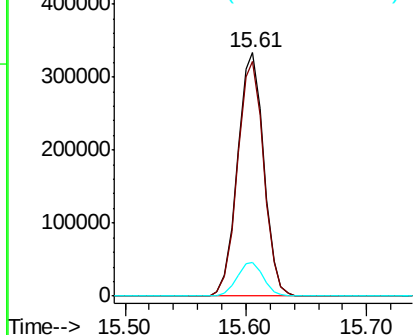


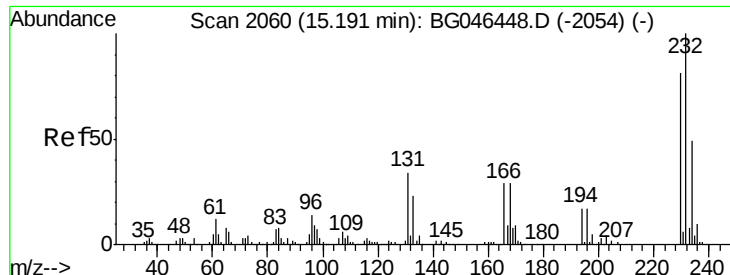
#58
Fluorene
Concen: 36.618 ng
RT: 15.61 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

Tgt	Ion:166	Resp:	504751
Ion	Ratio	Lower	Upper
166	100		
165	96.2	77.0	115.4
167	13.8	11.8	17.6



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

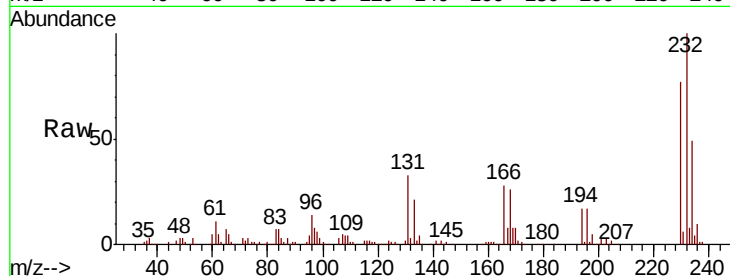




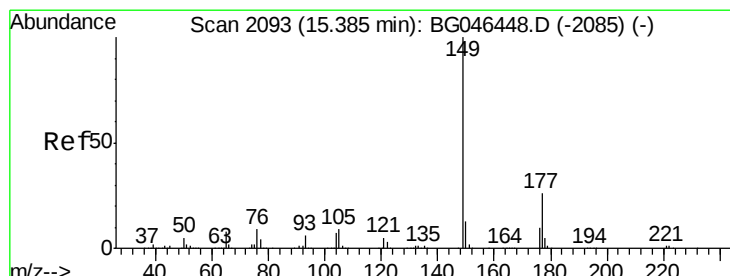
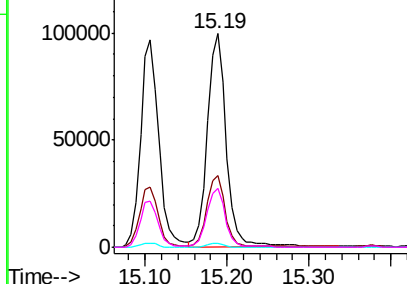
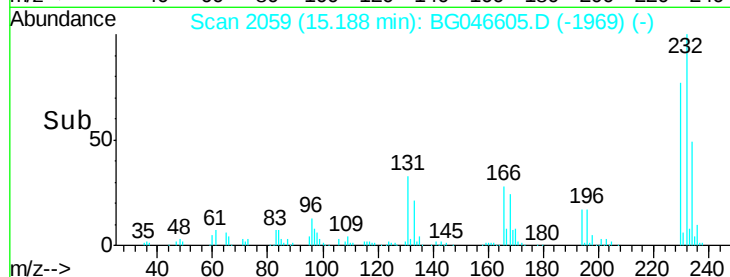
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.102 ng
RT: 15.19 min Scan# 2059
Delta R.T. -0.00 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

Instrument :
BNA_G
ClientSampleId :
PB131580BS

Tot Ion:	232	Resp:	159658
Ion	Ratio	Lower	Upper
232	100		
131	32.3	26.8	40.2
130	1.8	1.4	2.2
166	27.2	22.8	34.2

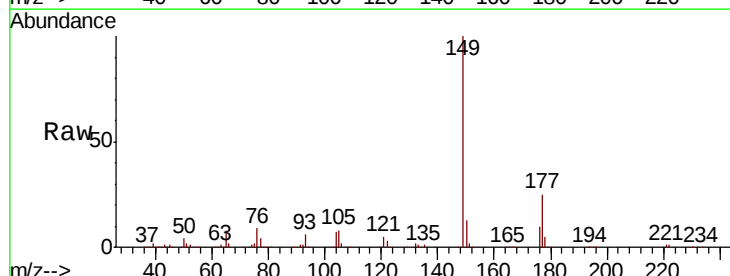


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

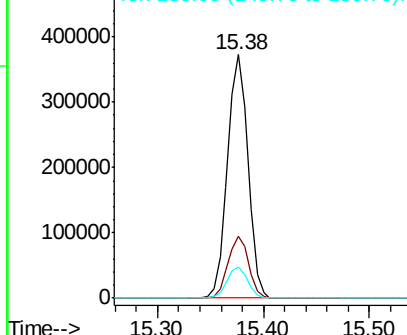
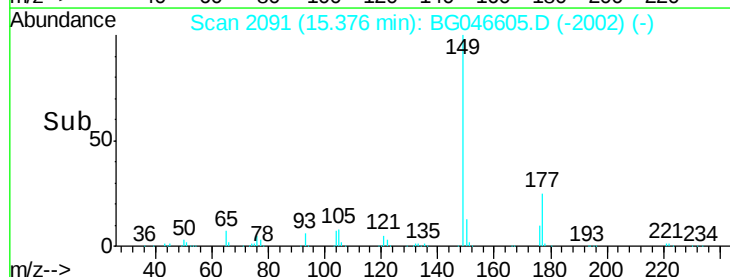


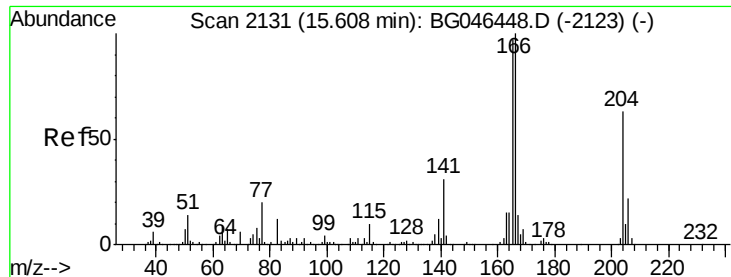
#60
Diethylphthalate
Concen: 35.801 ng
RT: 15.38 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

Tgt Ion:	149	Resp:	498380
Ion	Ratio	Lower	Upper
149	100		
177	25.3	20.6	30.8
150	12.8	10.3	15.5



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

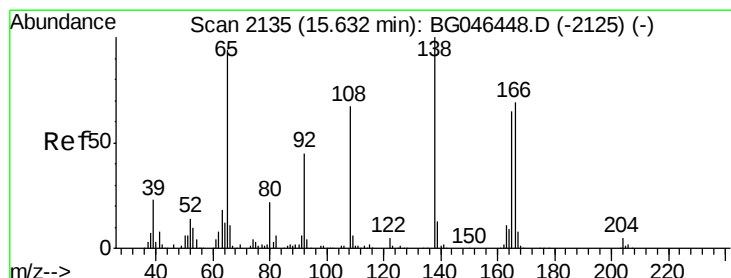
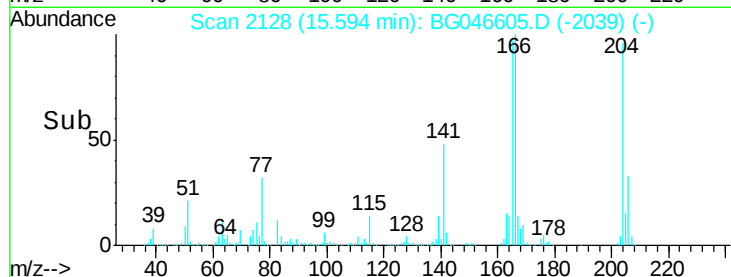
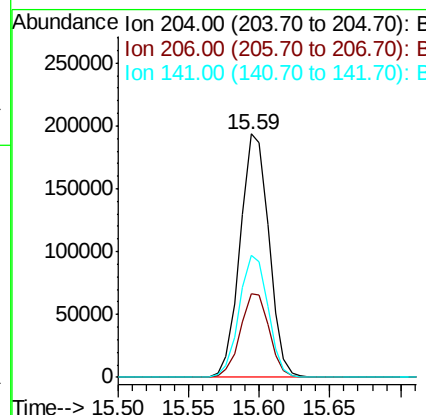
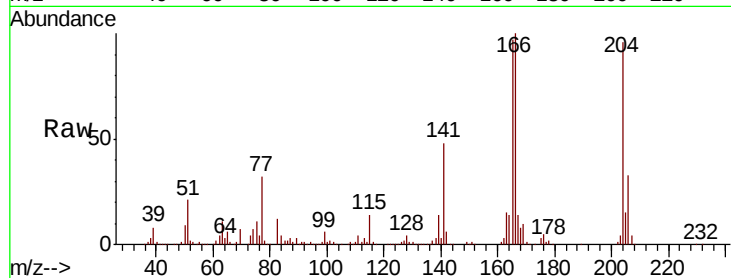




#61
4-Chlorophenyl-phenylether
Concen: 36.325 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

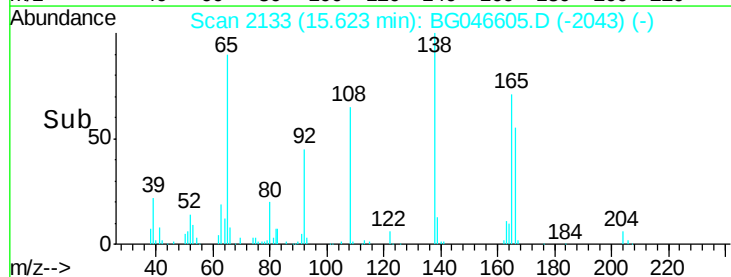
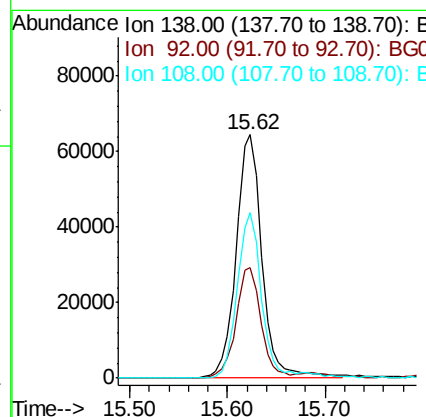
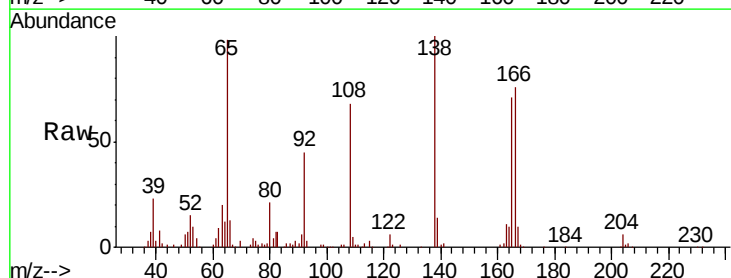
Instrument :
BNA_G
ClientSampleId :
PB131580BS

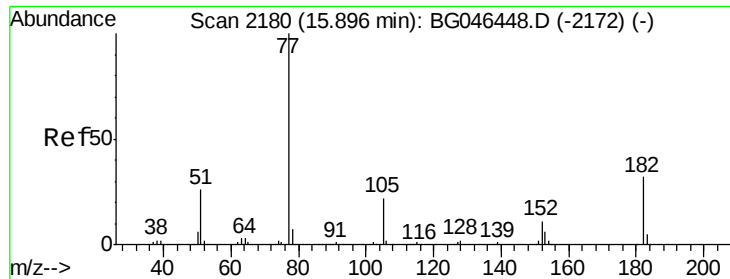
Tot Ion:204 Resp: 275760
Ion Ratio Lower Upper
204 100
206 34.4 27.7 41.5
141 50.3 38.7 58.1



#62
4-Nitroaniline
Concen: 33.030 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

Tgt Ion:138 Resp: 118818
Ion Ratio Lower Upper
138 100
92 45.3 25.3 65.3
108 67.9 46.7 86.7

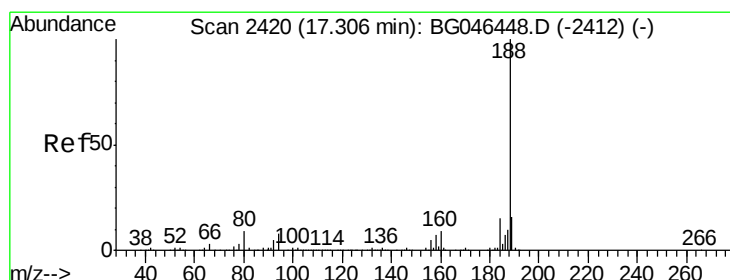
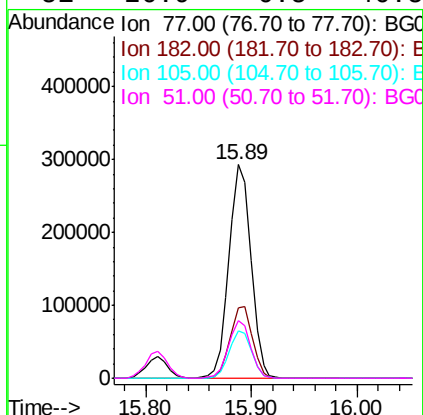
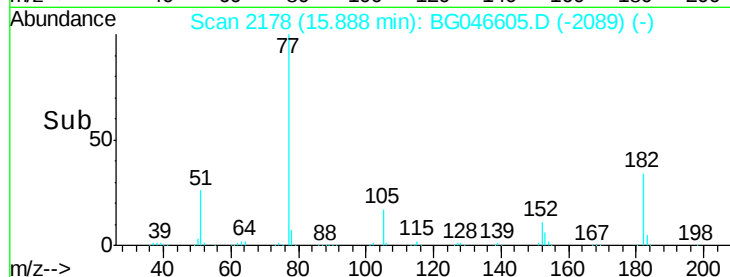
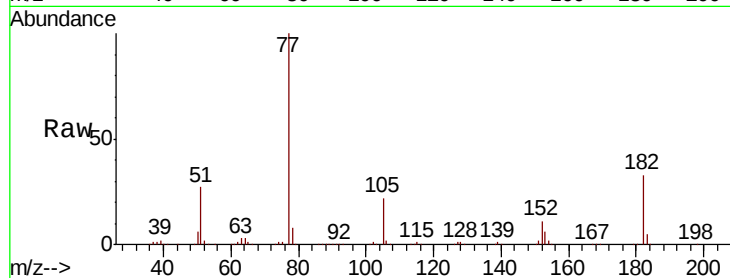




#63
Azobenzene
Concen: 37.218 ng
RT: 15.89 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

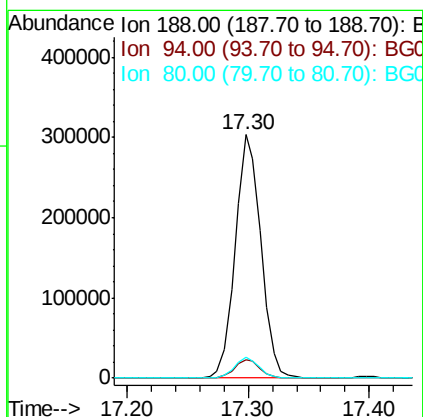
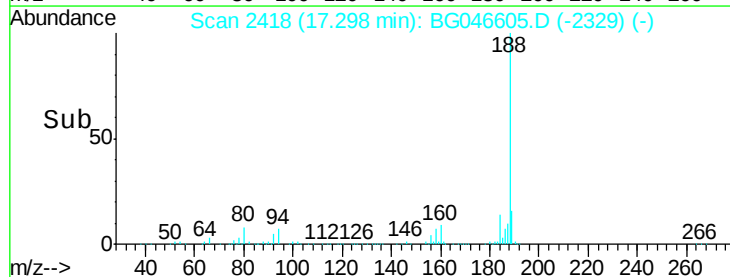
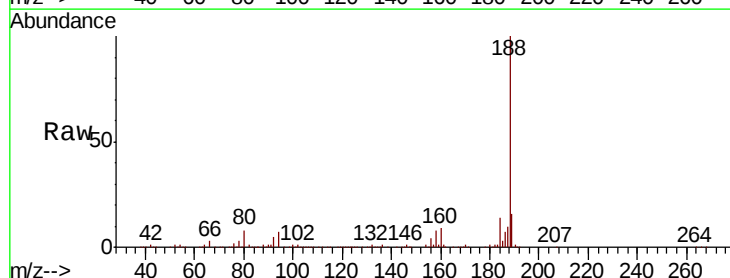
Instrument :
BNA_G
ClientSampleId :
PB131580BS

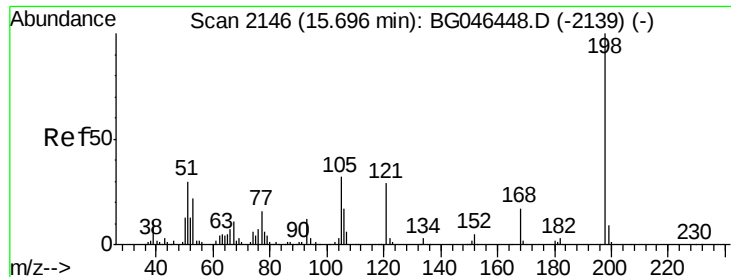
Tot Ion:	77	Resp:	421448
Ion	Ratio	Lower	Upper
77	100		
182	33.0	12.3	52.3
105	22.1	2.3	42.3
51	26.9	6.5	46.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

Tgt Ion:	188	Resp:	448225
Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.3	9.5
80	8.5	6.9	10.3





#65

4,6-Dinitro-2-methylphenol

Concen: 40.563 ng

RT: 15.69 min Scan# 2144

Delta R.T. -0.00 min

Lab File: BG046605.D

Acq: 14 Sep 2020 16:10

Instrument :

BNA_G

ClientSampleId :

PB131580BS

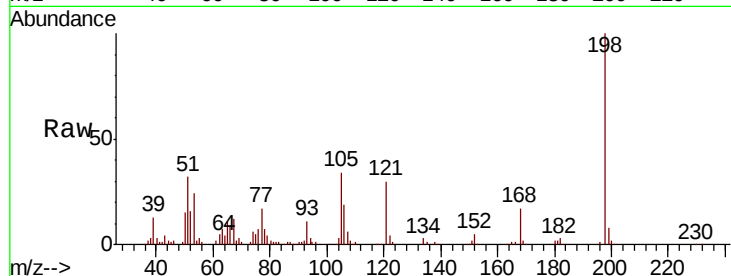
Tot Ion:198 Resp: 102908

Ion	Ratio	Lower	Upper
198	100		
51	32.3	10.4	50.4
105	34.2	12.4	52.4

198 100

51 32.3 10.4 50.4

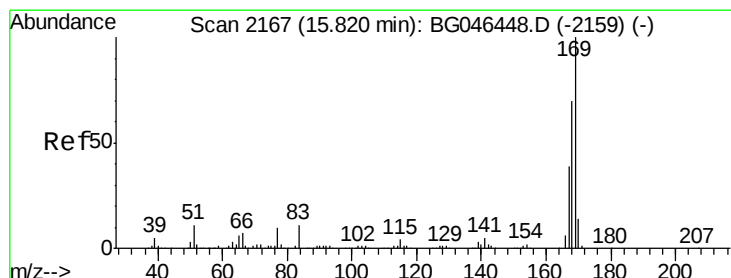
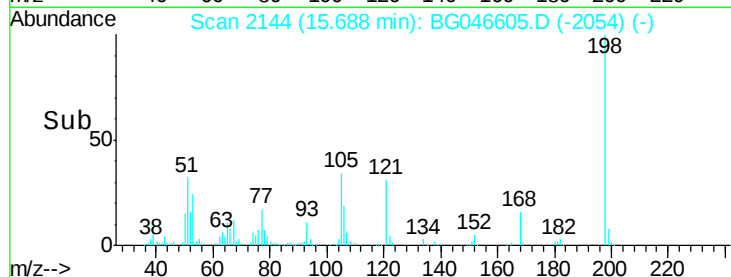
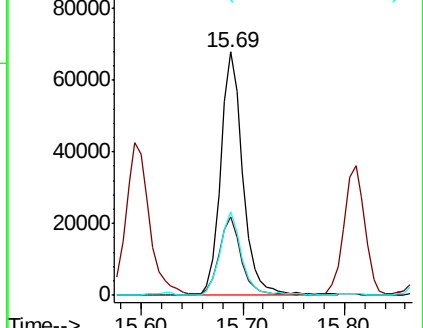
105 34.2 12.4 52.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG046605.D (-2054) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.309 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG046605.D

Acq: 14 Sep 2020 16:10

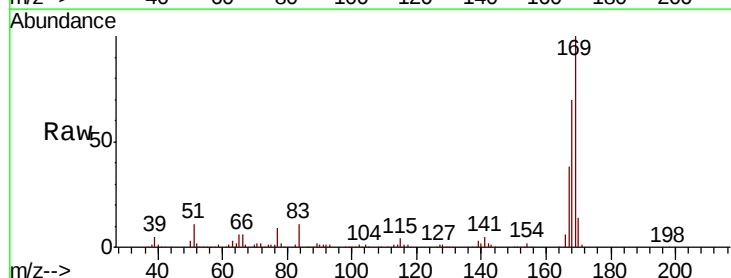
Tgt Ion:169 Resp: 463237

Ion	Ratio	Lower	Upper
169	100		
168	70.1	55.8	83.8
167	37.6	31.0	46.6

169 100

168 70.1 55.8 83.8

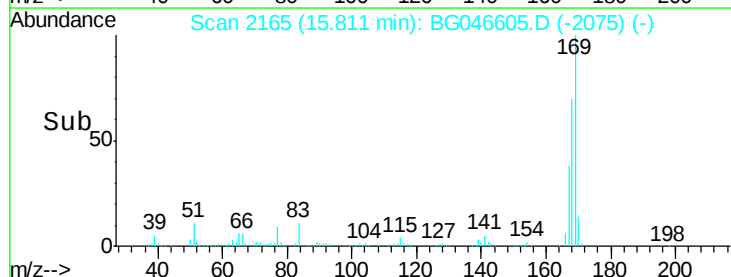
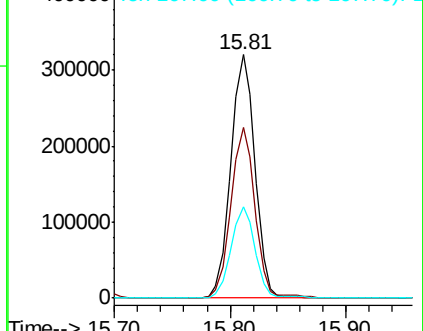
167 37.6 31.0 46.6

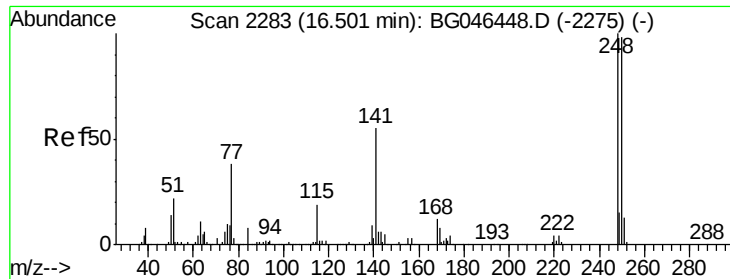


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

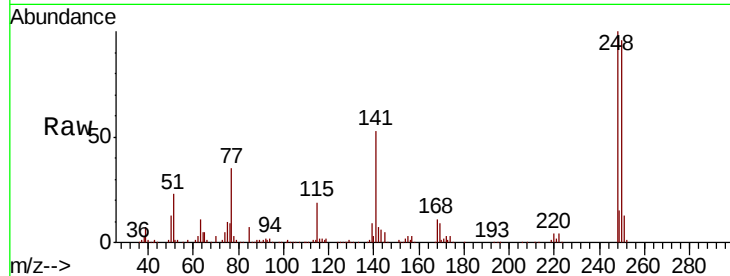




#67
4-Bromophenyl-phenylether
Concen: 36.995 ng
RT: 16.49 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

Instrument :
BNA_G
ClientSampleId :
PB131580BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	78.6	118.0
141	53.0	43.9	65.9

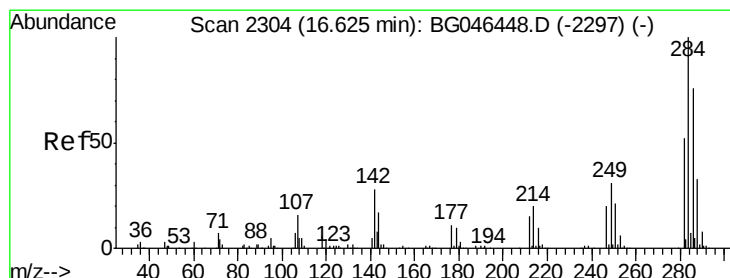
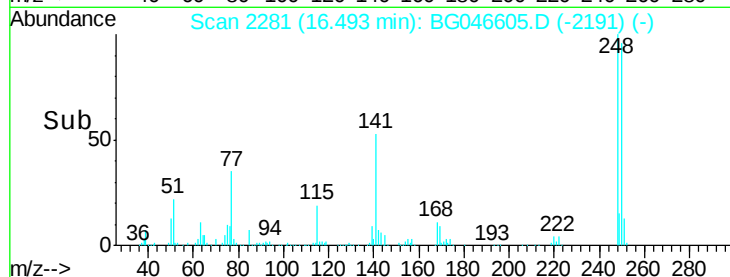
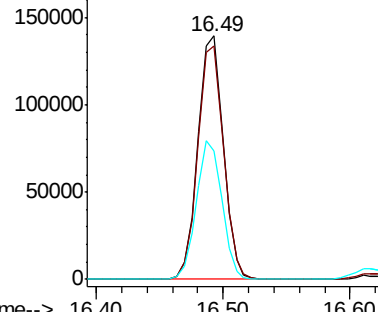


Abundance

Ion 248.00 (247.70 to 248.70): E

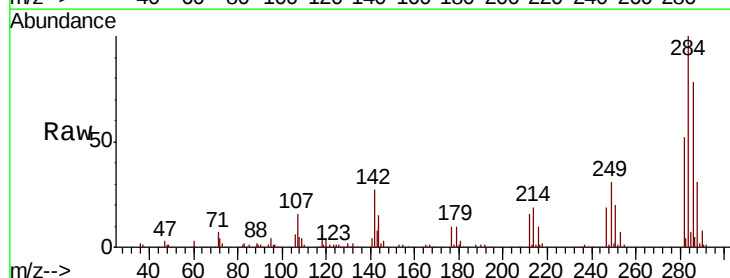
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 35.072 ng
RT: 16.62 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.7	22.3	33.5
249	31.0	24.8	37.2

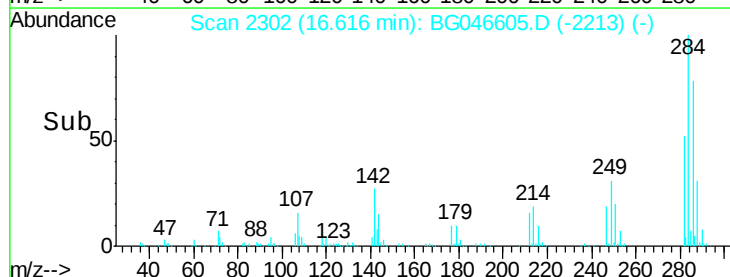
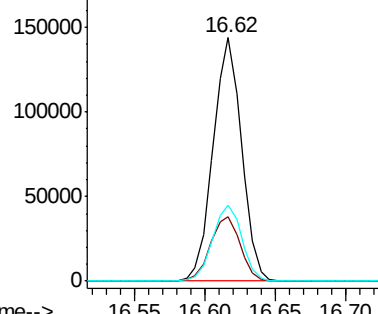


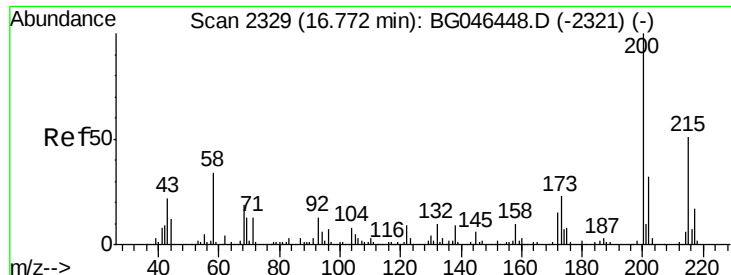
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 34.496 ng

RT: 16.76 min Scan# 2327

Delta R.T. -0.00 min

Lab File: BG046605.D

Acq: 14 Sep 2020 16:10

Instrument :

BNA_G

ClientSampleId :

PB131580BS

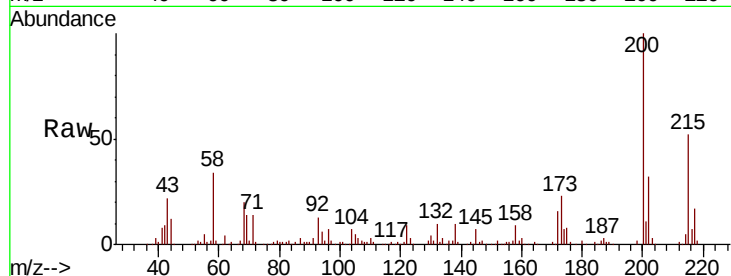
Tot Ion:200 Resp: 170172

Ion Ratio Lower Upper

200 100

173 23.3 3.3 43.3

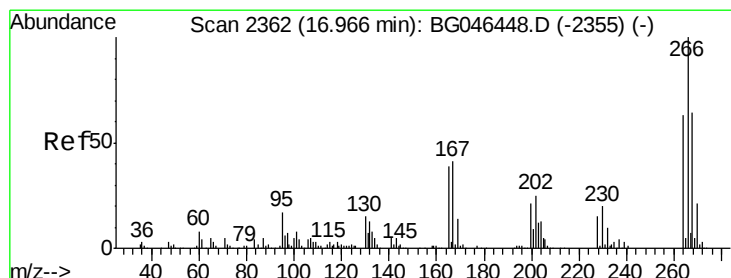
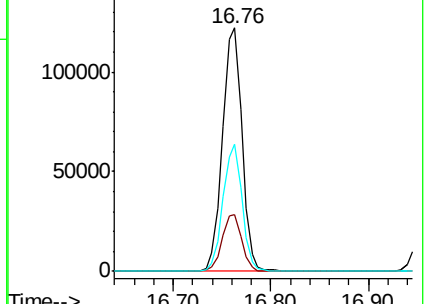
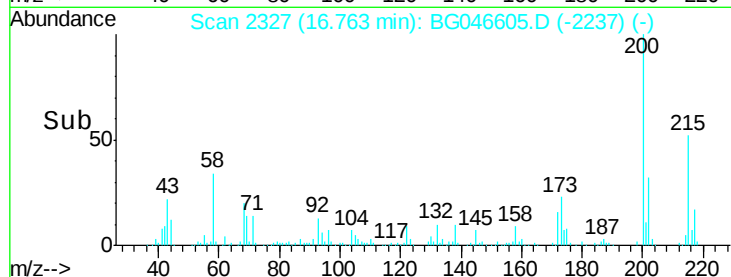
215 52.1 30.9 70.9



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: 72.934 ng

RT: 16.96 min Scan# 2360

Delta R.T. -0.01 min

Lab File: BG046605.D

Acq: 14 Sep 2020 16:10

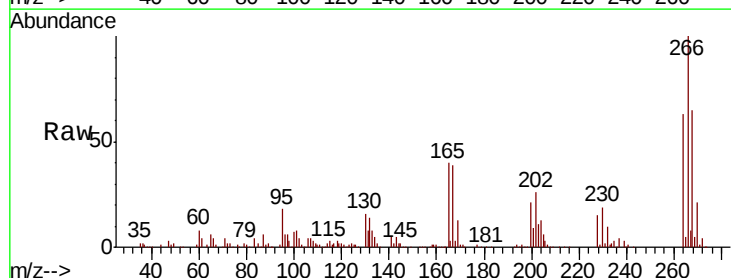
Tgt Ion:266 Resp: 220690

Ion Ratio Lower Upper

266 100

268 65.3 51.1 76.7

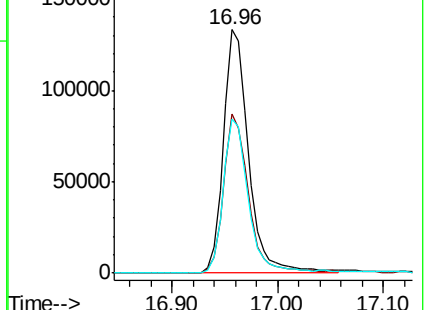
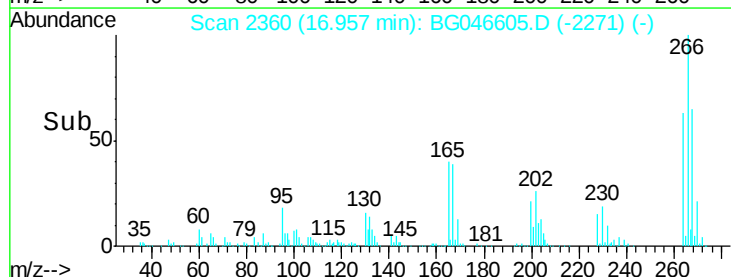
264 63.2 50.2 75.2

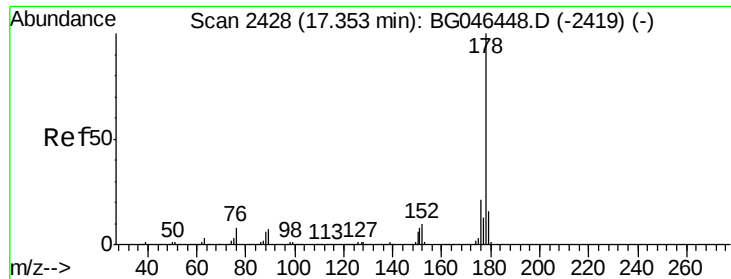


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

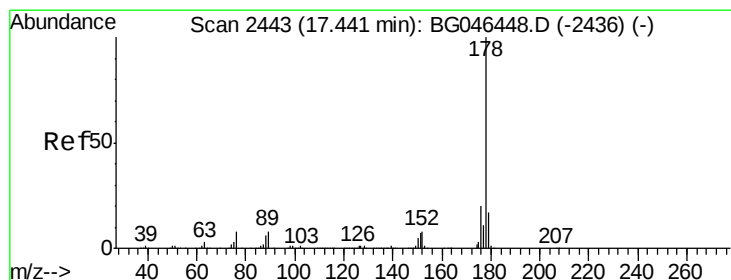
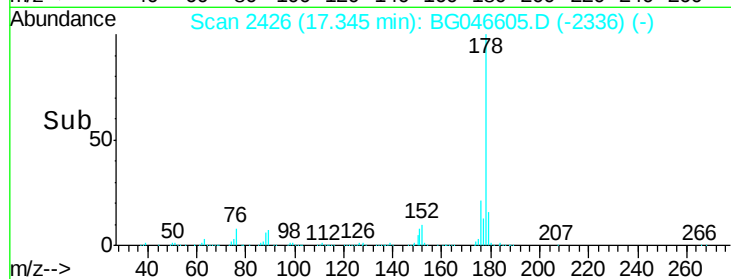
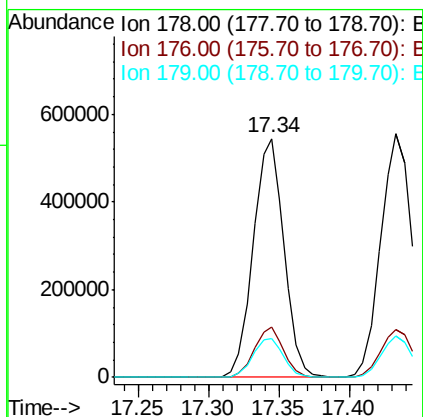
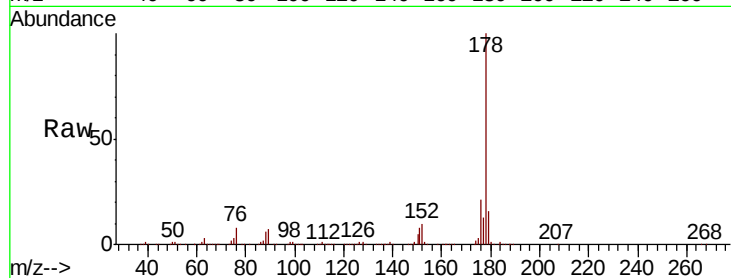




#71
Phenanthrene
Concen: 36.593 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

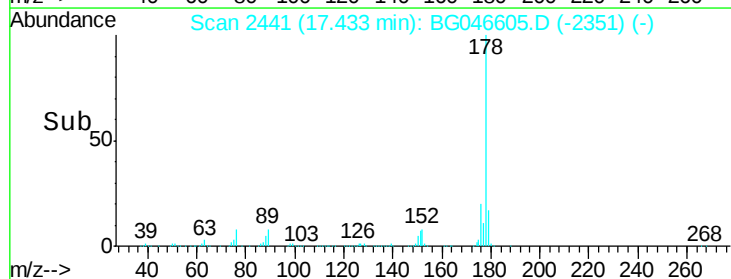
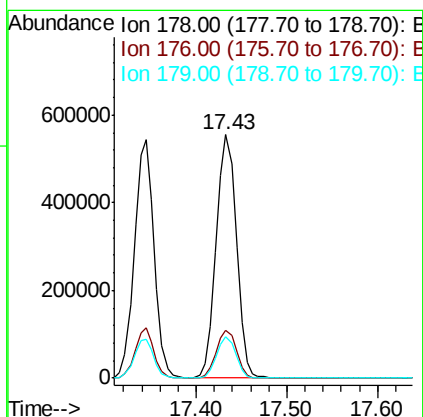
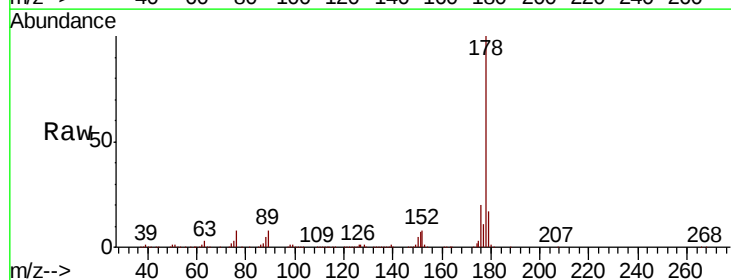
Instrument :
BNA_G
ClientSampleId :
PB131580BS

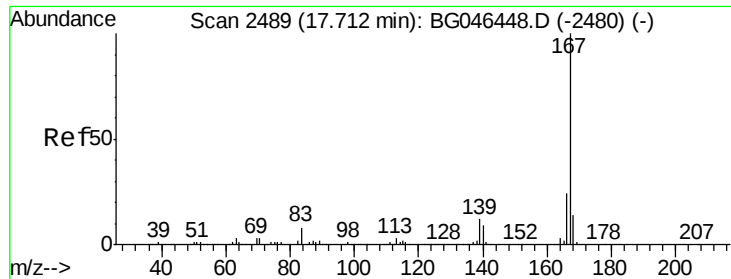
Tot Ion:178 Resp: 831365
Ion Ratio Lower Upper
178 100
176 20.9 16.8 25.2
179 16.3 13.2 19.8



#72
Anthracene
Concen: 38.384 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

Tgt Ion:178 Resp: 860391
Ion Ratio Lower Upper
178 100
176 19.8 16.1 24.1
179 17.0 13.3 19.9

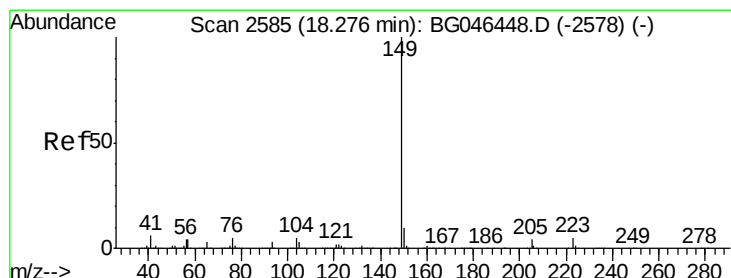
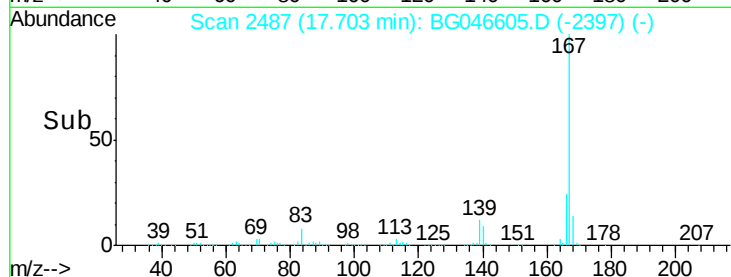
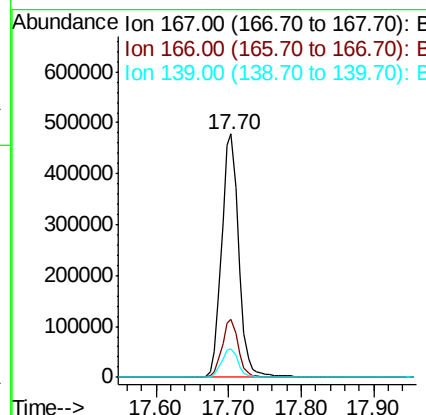
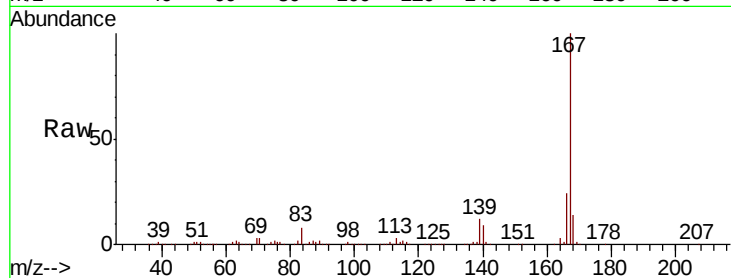




#73
 Carbazole
 Concen: 37.181 ng
 RT: 17.70 min Scan# 2487
 Delta R.T. -0.00 min
 Lab File: BG046605.D
 Acq: 14 Sep 2020 16:10

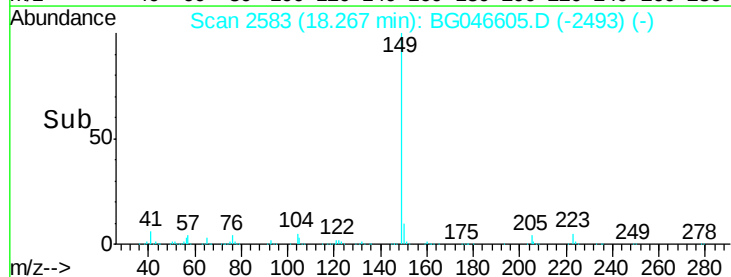
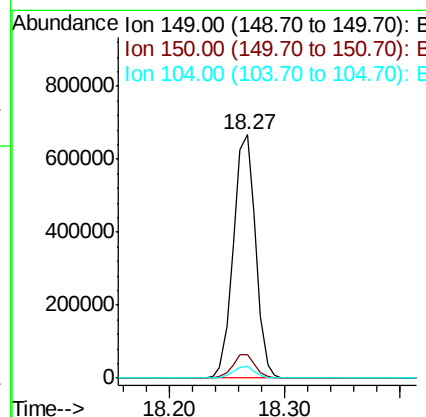
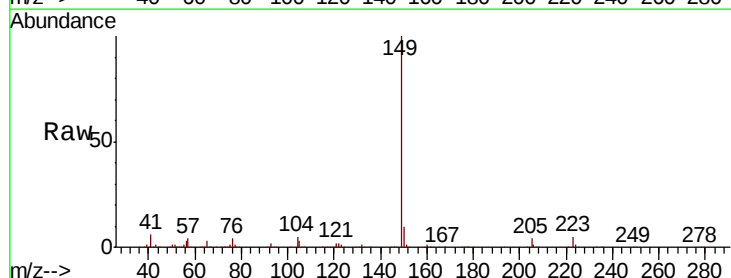
Instrument :
 BNA_G
 ClientSampleId :
 PB131580BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.7	19.3	28.9
139	11.7	9.7	14.5



#74
 Di-n-butylphthalate
 Concen: 36.425 ng
 RT: 18.27 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: BG046605.D
 Acq: 14 Sep 2020 16:10

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.1	12.1
104	4.8	4.0	6.0





#75

Fluoranthene

Concen: 36.722 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG046605.D

Acq: 14 Sep 2020 16:10

Instrument :

BNA_G

ClientSampleId :

PB131580BS

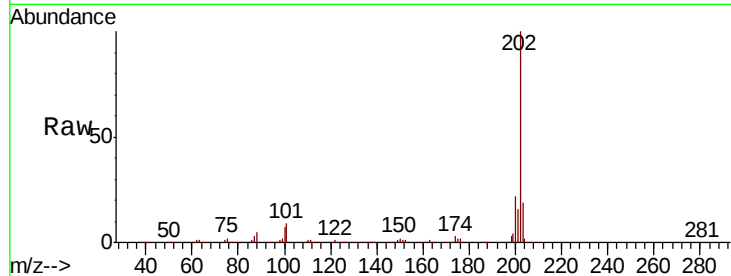
Tot Ion:202 Resp: 1073655

Ion Ratio Lower Upper

202 100

101 9.1 0.0 29.9

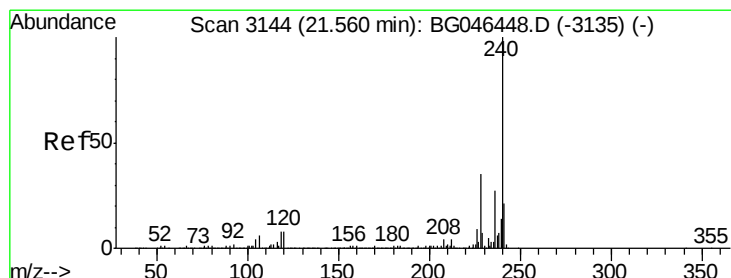
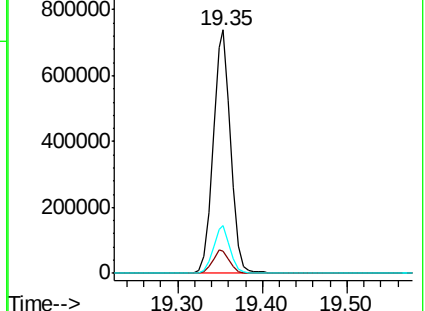
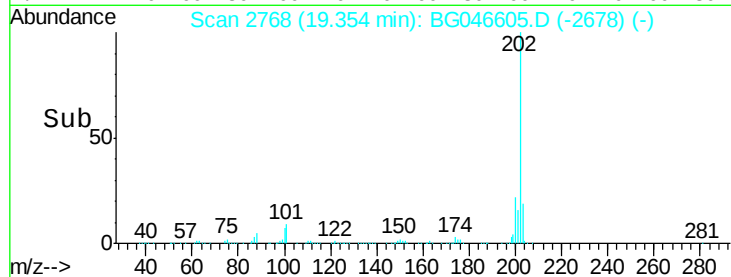
203 19.5 0.0 40.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG046605.D

Acq: 14 Sep 2020 16:10

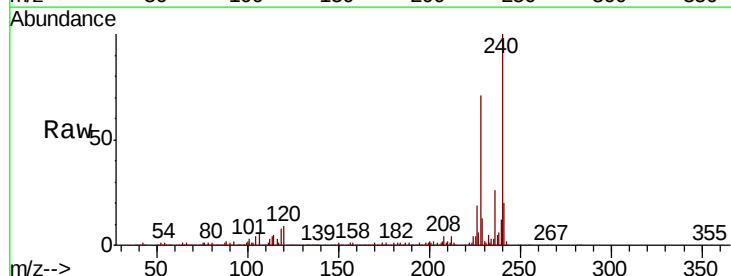
Tgt Ion:240 Resp: 457551

Ion Ratio Lower Upper

240 100

120 8.7 6.6 10.0

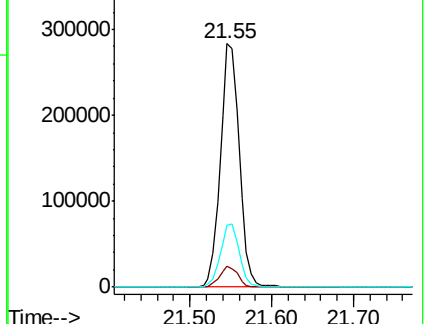
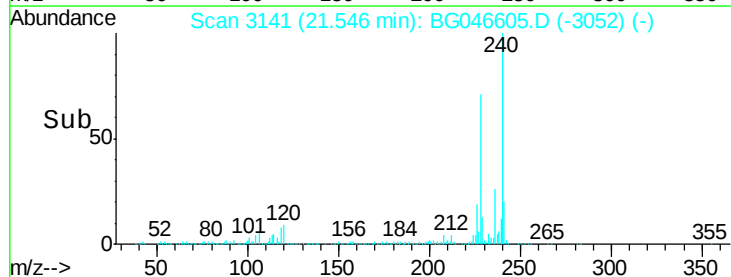
236 25.6 21.4 32.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.457 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG046605.D

Acq: 14 Sep 2020 16:10

Instrument :

BNA_G

ClientSampleId :

PB131580BS

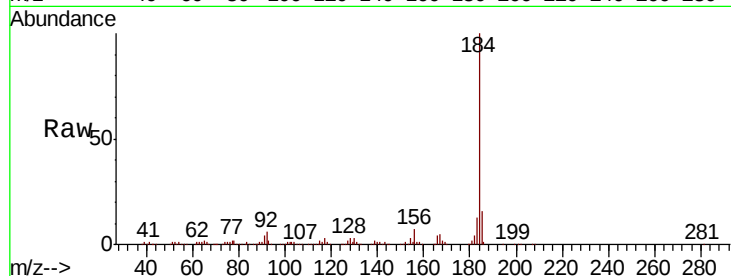
Tot Ion:184 Resp: 355713

Ion Ratio Lower Upper

184 100

185 15.6 11.8 17.8

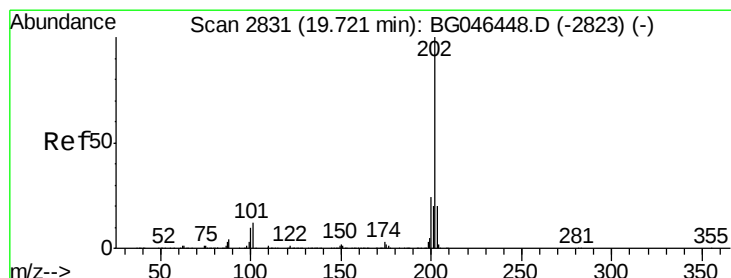
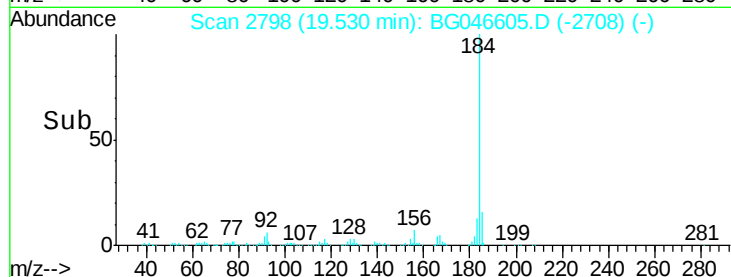
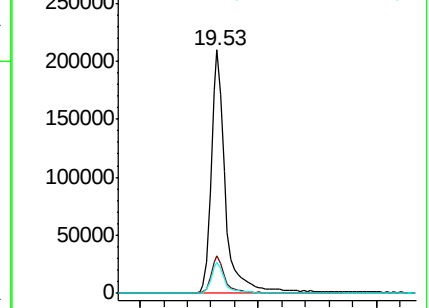
183 12.8 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.197 ng

RT: 19.71 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BG046605.D

Acq: 14 Sep 2020 16:10

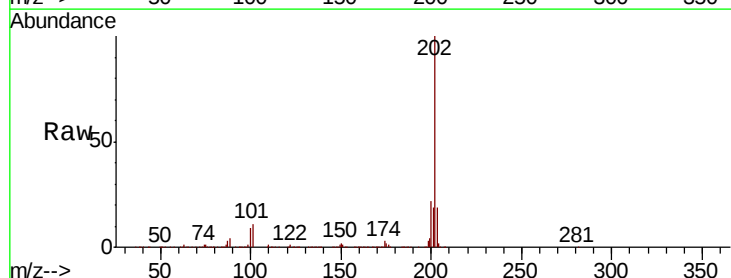
Tgt Ion:202 Resp: 1083783

Ion Ratio Lower Upper

202 100

200 22.4 18.9 28.3

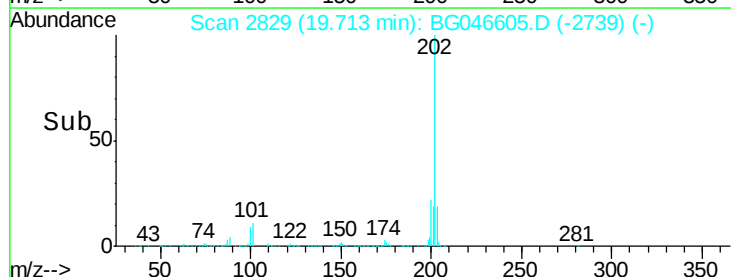
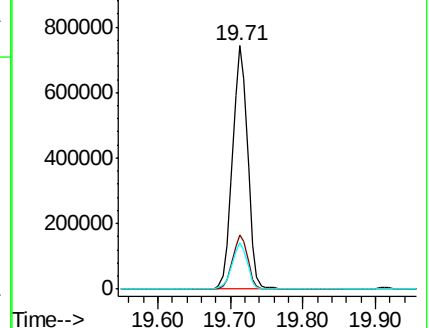
203 19.1 16.1 24.1

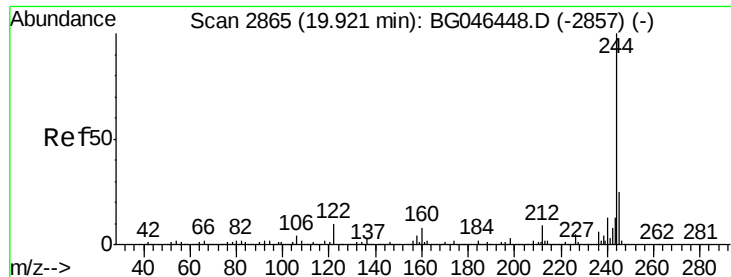


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.234 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG046605.D

Acq: 14 Sep 2020 16:10

Instrument :

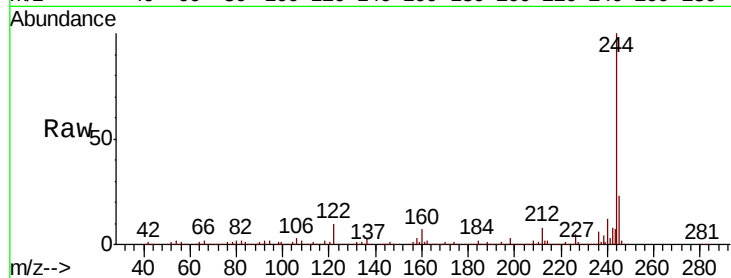
BNA_G

ClientSampleId :

PB131580BS

Tot Ion:244 Resp: 1553001

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.9	10.3
122	9.5	8.2	12.4

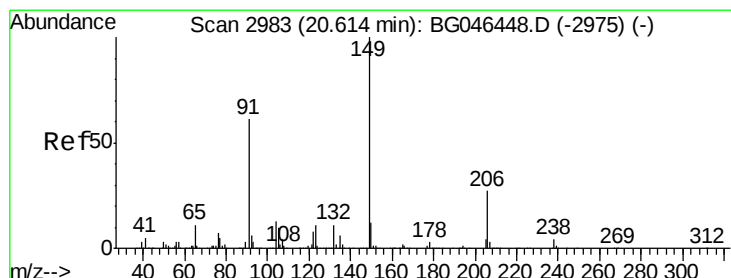
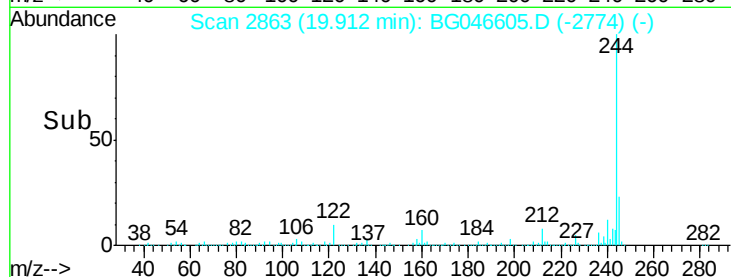
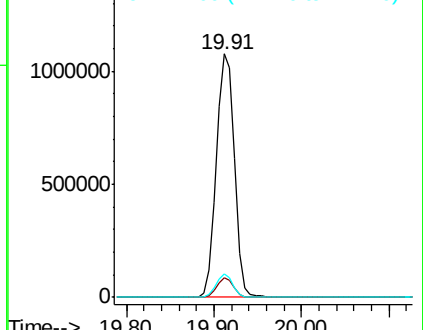


Abundance

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: 35.740 ng

RT: 20.61 min Scan# 2981

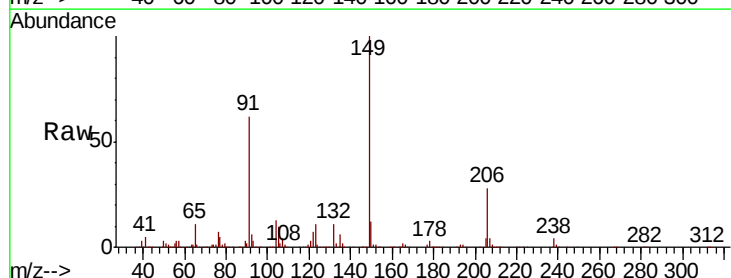
Delta R.T. -0.00 min

Lab File: BG046605.D

Acq: 14 Sep 2020 16:10

Tgt Ion:149 Resp: 406180

Ion	Ratio	Lower	Upper
149	100		
91	62.4	49.1	73.7
206	28.1	21.9	32.9

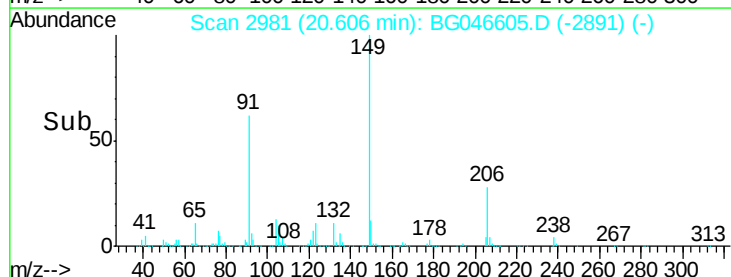
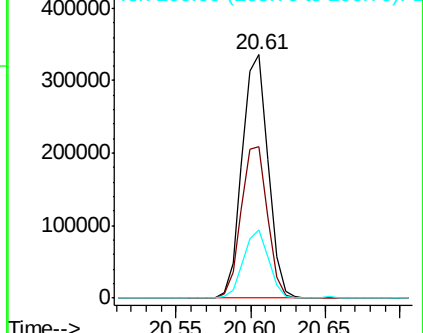


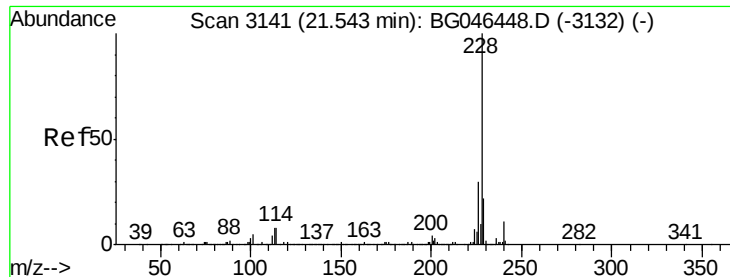
Abundance

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

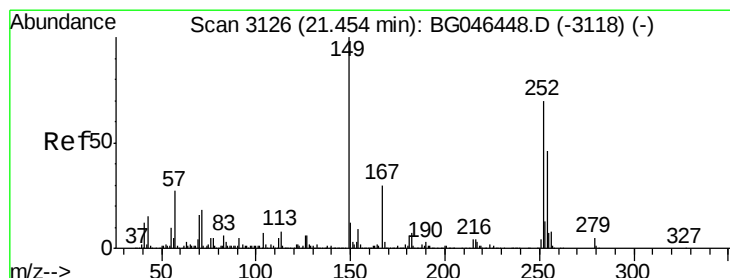
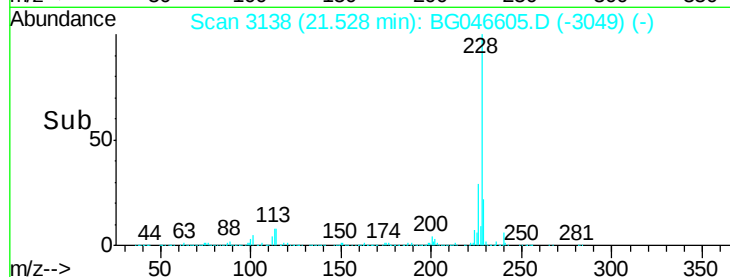
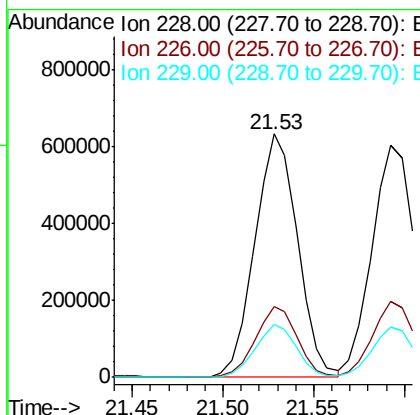
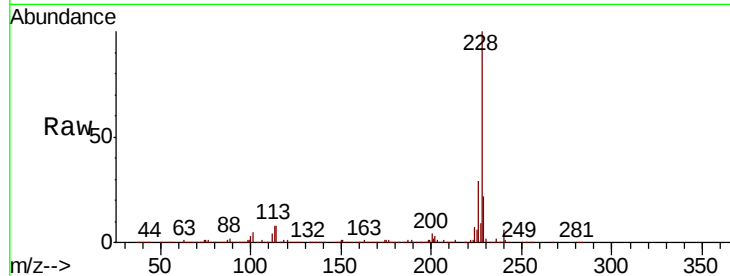




#81
Benzo(a)anthracene
Concen: 36.399 ng
RT: 21.53 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

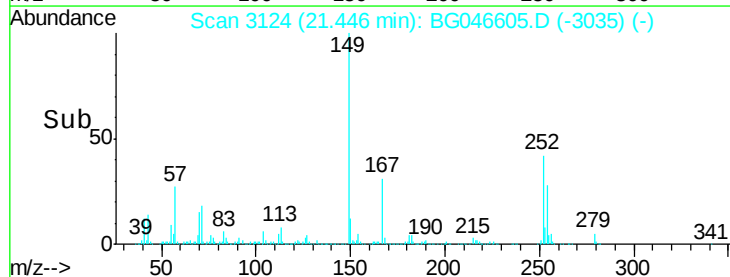
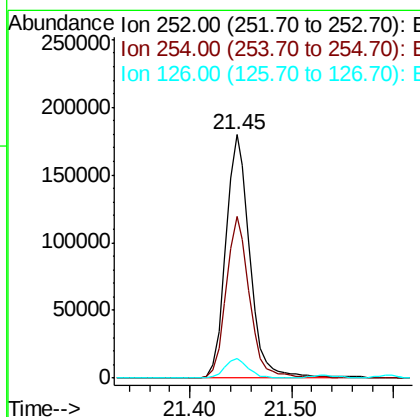
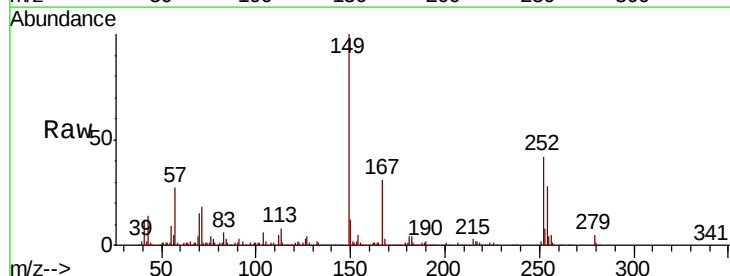
Instrument :
BNA_G
ClientSampleId :
PB131580BS

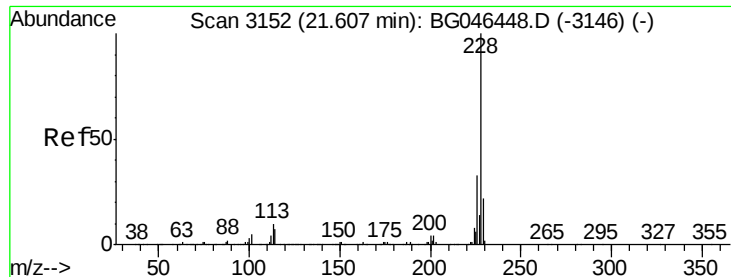
Tot Ion:228 Resp: 1038062
Ion Ratio Lower Upper
228 100
226 29.2 24.2 36.4
229 21.8 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 27.821 ng
RT: 21.45 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

Tgt Ion:252 Resp: 294450
Ion Ratio Lower Upper
252 100
254 66.2 51.9 77.9
126 8.2 7.4 11.0





#83

Chrysene

Concen: 36.273 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG046605.D

Acq: 14 Sep 2020 16:10

Instrument :

BNA_G

ClientSampleId :

PB131580BS

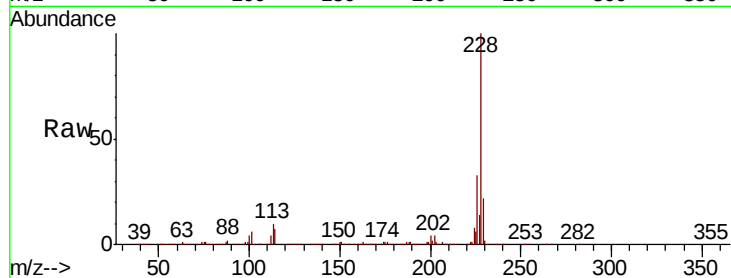
Tot Ion:228 Resp: 995076

Ion Ratio Lower Upper

228 100

226 32.5 26.2 39.4

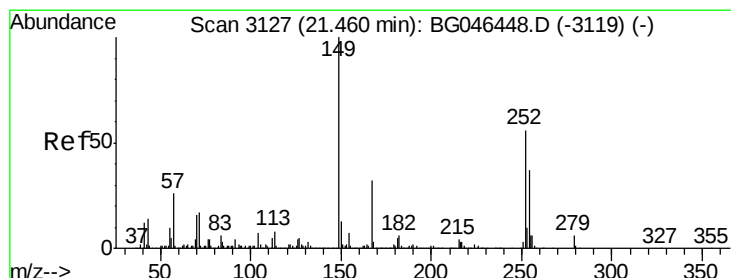
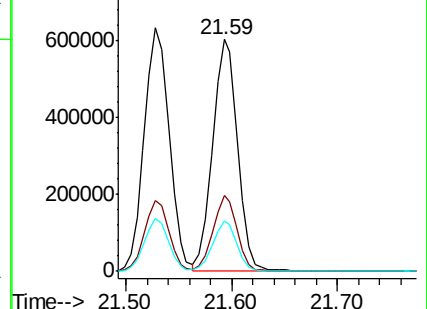
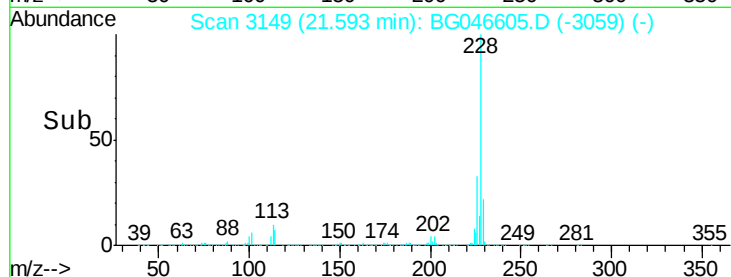
229 21.9 17.9 26.9



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: 36.928 ng

RT: 21.45 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BG046605.D

Acq: 14 Sep 2020 16:10

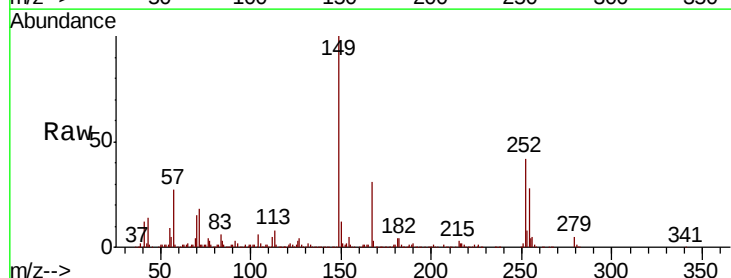
Tgt Ion:149 Resp: 572725

Ion Ratio Lower Upper

149 100

167 30.6 25.4 38.2

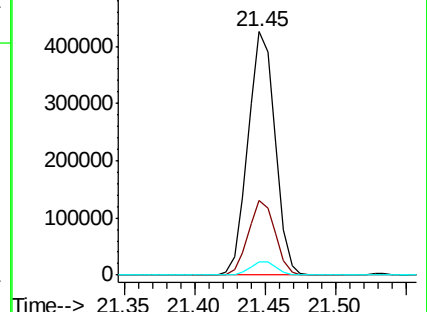
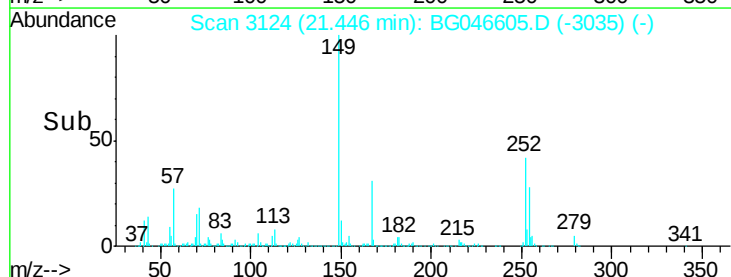
279 5.2 4.5 6.7

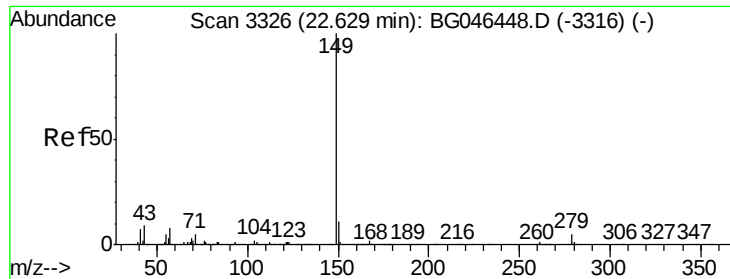


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

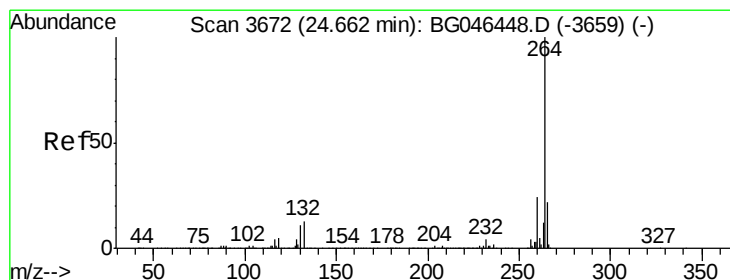
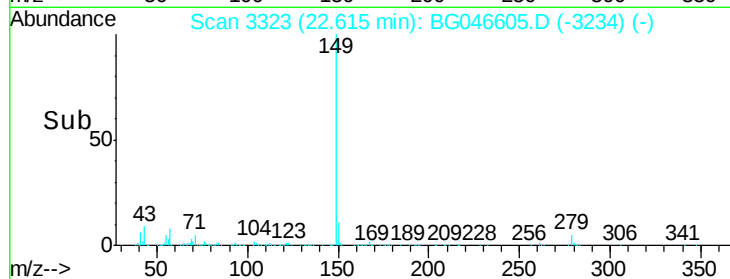
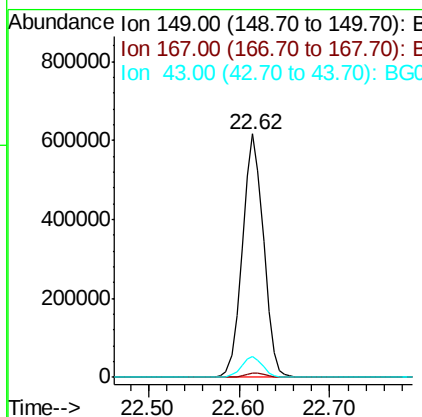
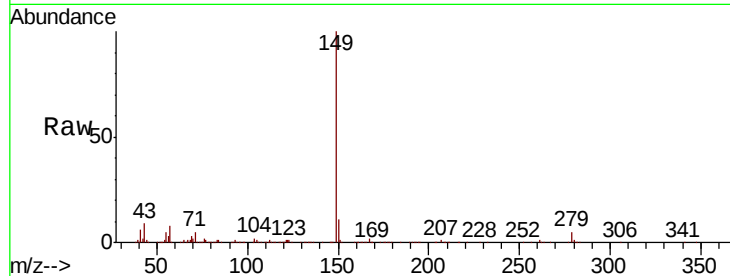




#85
Di-n-octyl phthalate
Concen: 37.463 ng
RT: 22.62 min Scan# 3323
Delta R.T. -0.01 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

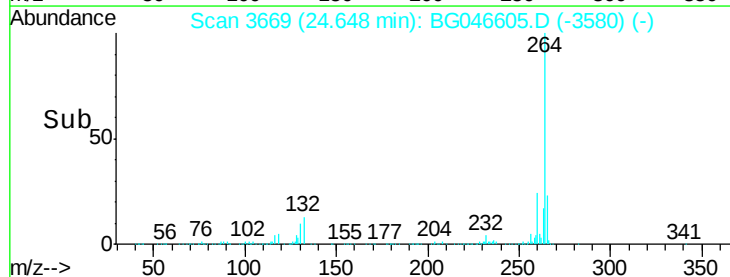
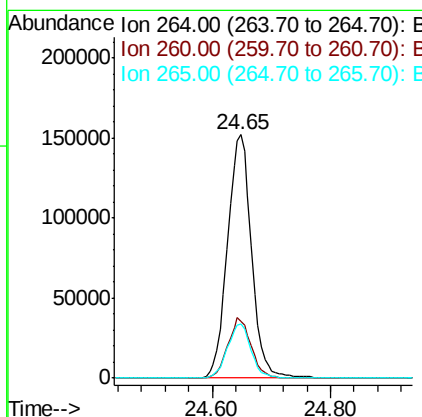
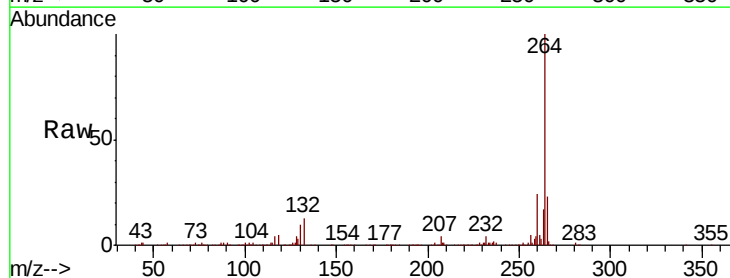
Instrument :
BNA_G
ClientSampleId :
PB131580BS

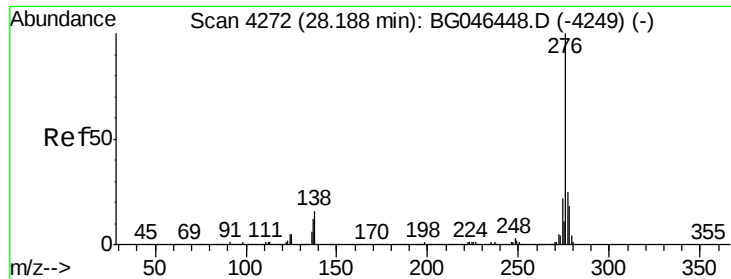
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	8.5	7.0	10.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.5	17.9	26.9



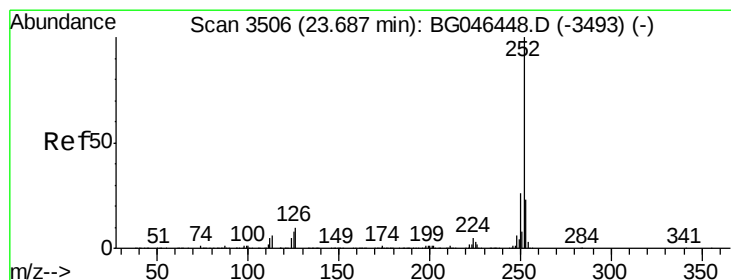
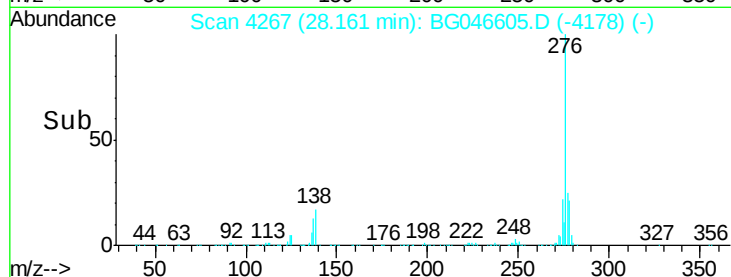
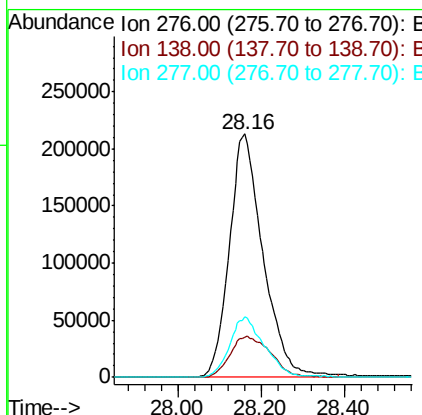
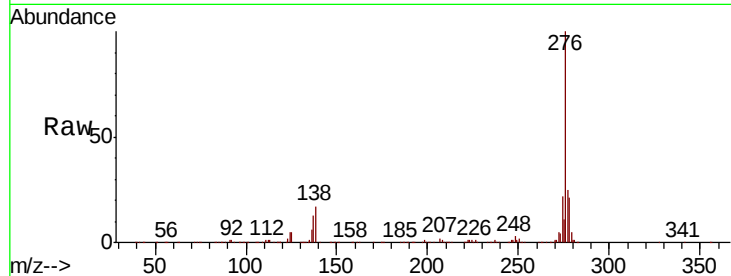


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.709 ng
 RT: 28.16 min Scan# 4267
 Delta R.T. -0.01 min
 Lab File: BG046605.D
 Acq: 14 Sep 2020 16:10

Instrument :
 BNA_G
 ClientSampleID :
 PB131580BS

Tot Ion:276 Resp: 1200777

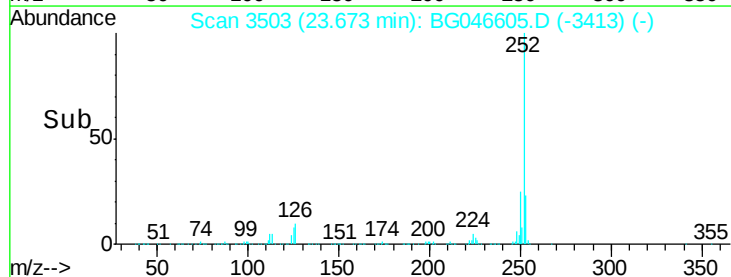
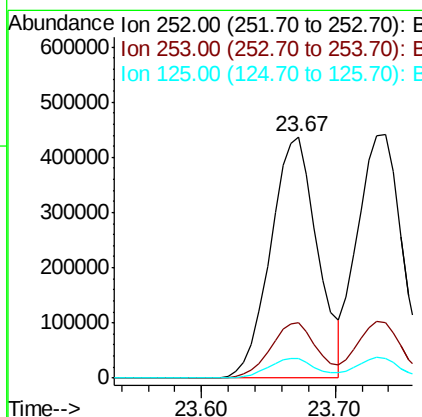
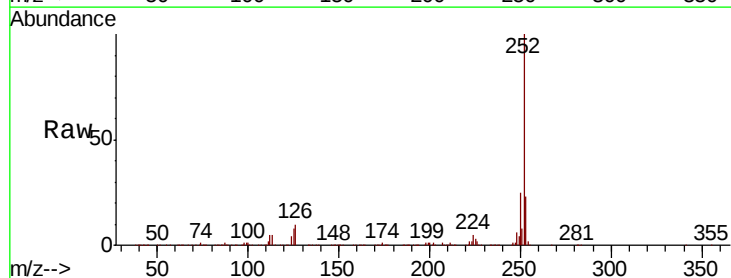
Ion	Ratio	Lower	Upper
276	100		
138	20.2	16.5	24.7
277	25.4	20.7	31.1



#88
 Benzo(b)fluoranthene
 Concen: 39.462 ng
 RT: 23.67 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: BG046605.D
 Acq: 14 Sep 2020 16:10

Tgt Ion:252 Resp: 1064230

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	8.3	6.2	9.2

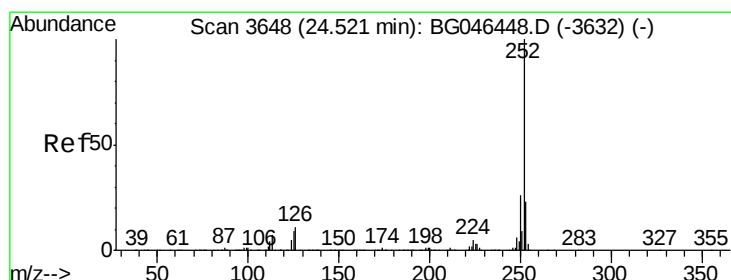
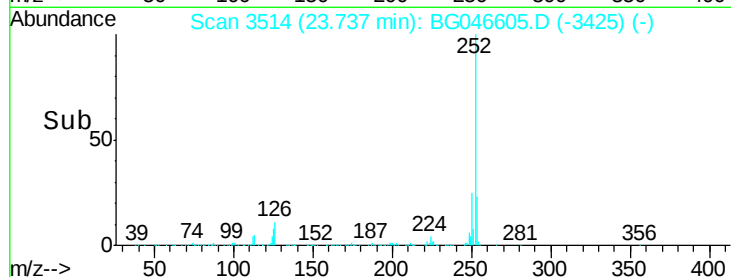
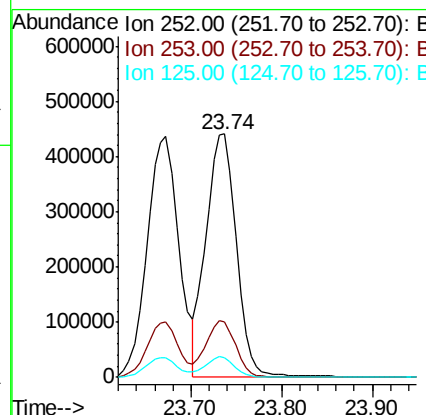
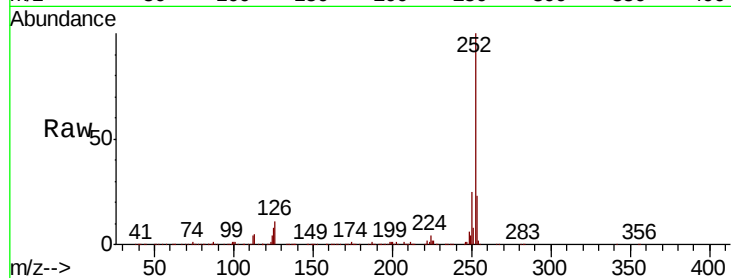




#89
Benzo(k)fluoranthene
Concen: 39.152 ng
RT: 23.74 min Scan# 3514
Delta R.T. -0.01 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

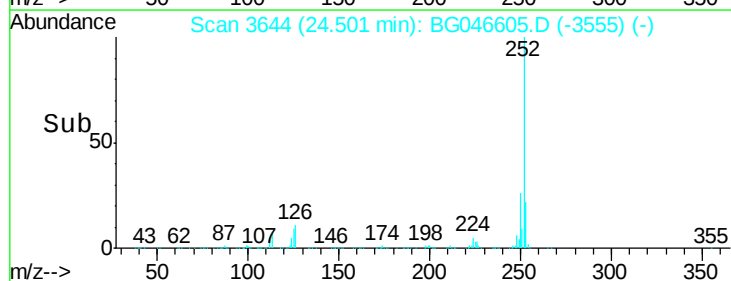
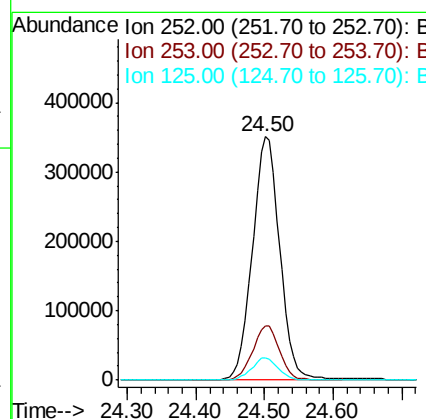
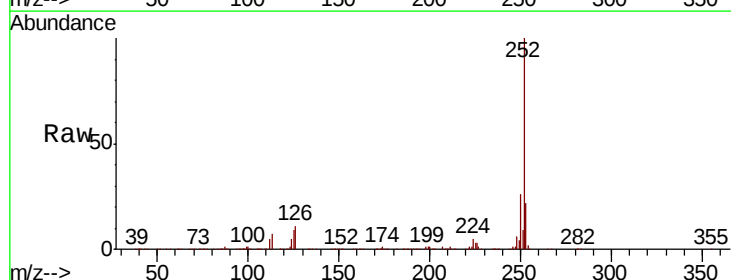
Instrument :
BNA_G
ClientSampleId :
PB131580BS

Tot Ion:252 Resp: 1020462
Ion Ratio Lower Upper
252 100
253 22.7 18.5 27.7
125 8.0 6.8 10.2



#90
Benzo(a)pyrene
Concen: 38.619 ng
RT: 24.50 min Scan# 3644
Delta R.T. -0.01 min
Lab File: BG046605.D
Acq: 14 Sep 2020 16:10

Tgt Ion:252 Resp: 971945
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 9.2 7.4 11.0





#91

Dibenzo(a,h)anthracene

Concen: 39.535 ng

RT: 28.21 min Scan# 4275

Delta R.T. -0.02 min

Lab File: BG046605.D

Acq: 14 Sep 2020 16:10

Instrument :

BNA_G

ClientSampleId :

PB131580BS

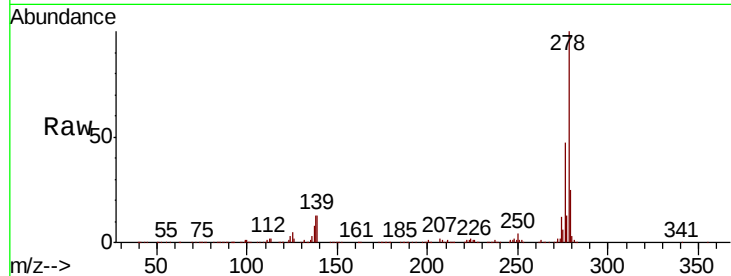
Tot Ion:278 Resp: 989662

Ion Ratio Lower Upper

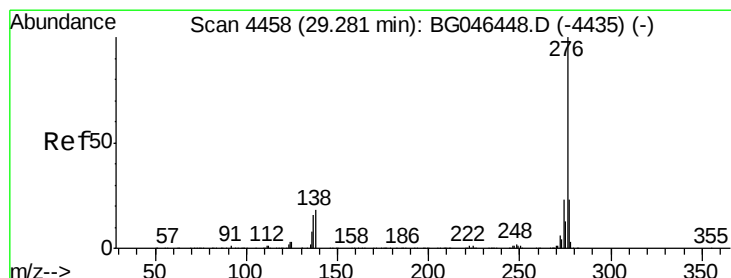
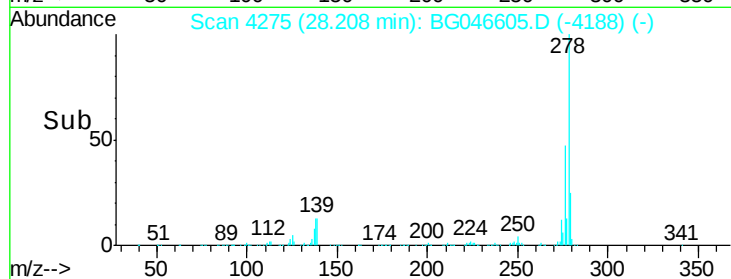
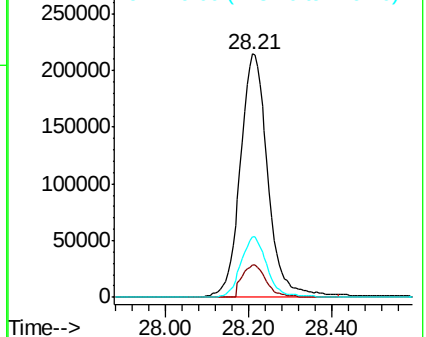
278 100

139 13.3 11.2 16.8

279 24.9 19.8 29.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.313 ng

RT: 29.24 min Scan# 4451

Delta R.T. -0.03 min

Lab File: BG046605.D

Acq: 14 Sep 2020 16:10

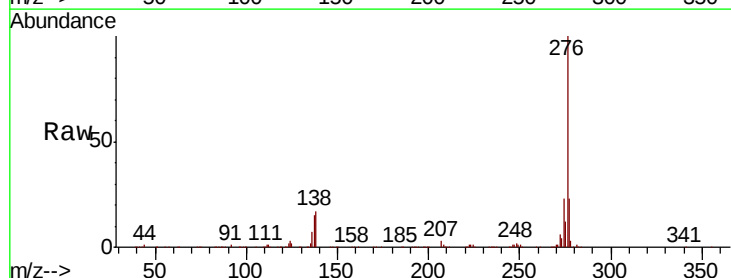
Tgt Ion:276 Resp: 1007708

Ion Ratio Lower Upper

276 100

277 23.4 18.7 28.1

138 17.5 14.7 22.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

