

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091420\
 Data File : BG046611.D
 Acq On : 14 Sep 2020 20:12
 Operator : CG/JU
 Sample : L3981-12MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B20-7-9MSD

Quant Time: Sep 15 01:25:51 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	61570	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	257131	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	194061	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	489439	20.00	ng	0.00
76) Chrysene-d12	21.55	240	485916	20.00	ng	0.00
86) Perylene-d12	24.65	264	496982	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	350740	100.90	ng	0.00
7) Phenol-d6	7.10	99	489818	99.40	ng	0.00
23) Nitrobenzene-d5	9.08	82	294960	65.56	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	249158	94.76	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	767559	60.38	ng	0.00
79) Terphenyl-d14	19.91	244	1339443	58.66	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.41	88	55568	38.423	ng	97
3) Pyridine	3.81	79	159198	37.623	ng	96
4) n-Nitrosodimethylamine	3.72	42	69900	44.790	ng	99
6) Aniline	7.25	93	167976	30.292	ng	99
8) 2-Chlorophenol	7.50	128	181034	49.274	ng	97
9) Benzaldehyde	7.06	77	77910	28.219	ng	100
10) Phenol	7.13	94	230997	50.894	ng	99
11) bis(2-Chloroethyl)ether	7.34	93	162382	44.508	ng	99
12) 1,3-Dichlorobenzene	7.81	146	198528	42.561	ng	99
13) 1,4-Dichlorobenzene	7.96	146	199562	42.734	ng	99
14) 1,2-Dichlorobenzene	8.28	146	195463	43.652	ng	99
15) Benzyl Alcohol	8.17	79	152633	48.244	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	240230	42.451	ng	98
17) 2-Methylphenol	8.37	107	161534	50.183	ng	98
18) Hexachloroethane	9.01	117	66069	41.726	ng	93
19) n-Nitroso-di-n-propylamine	8.73	70	134341	45.575	ng	99
20) 3+4-Methylphenols	8.70	107	222760	50.138	ng	100
22) Acetophenone	8.74	105	260184	41.569	ng	99
24) Nitrobenzene	9.12	77	194487	43.758	ng	97
25) Isophorone	9.65	82	374468	45.401	ng	99
26) 2-Nitrophenol	9.84	139	108294	46.181	ng	96
27) 2,4-Dimethylphenol	9.90	122	179931	55.788	ng	96
28) bis(2-Chloroethoxy)methane	10.13	93	227099	42.778	ng	99
29) 2,4-Dichlorophenol	10.38	162	207201	48.191	ng	98
30) 1,2,4-Trichlorobenzene	10.59	180	209308	41.029	ng	98
31) Naphthalene	10.77	128	550111	43.817	ng	99
32) Benzoic acid	10.06	122	79147	36.426	ng	98
33) 4-Chloroaniline	10.88	127	97140	17.547	ng	99
34) Hexachlorobutadiene	11.06	225	131633	39.749	ng	97
35) Caprolactam	11.65	113	48842	30.390	ng	95
36) 4-Chloro-3-methylphenol	12.02	107	213290	50.720	ng	95
37) 2-Methylnaphthalene	12.38	142	444145	44.856	ng	99
38) 1-Methylnaphthalene	12.60	142	419106	44.685	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	263277	41.141	ng	99

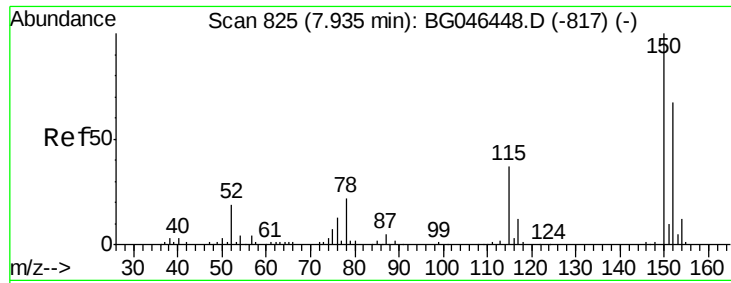
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091420\
 Data File : BG046611.D
 Acq On : 14 Sep 2020 20:12
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 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	264694	95.124	ng	100
43) 2,4,6-Trichlorophenol	12.99	196	184870	42.809	ng	98
44) 2,4,5-Trichlorophenol	13.07	196	204504	45.071	ng	99
46) 1,1'-Biphenyl	13.39	154	585472	43.363	ng	98
47) 2-Chloronaphthalene	13.43	162	467813	40.866	ng	99
48) 2-Nitroaniline	13.63	65	133619	42.035	ng	99
49) Acenaphthylene	14.28	152	760962	43.822	ng	100
50) Dimethylphthalate	14.01	163	712383	47.449	ng	99
51) 2,6-Dinitrotoluene	14.13	165	150769	45.557	ng	99
52) Acenaphthene	14.62	154	460023	42.750	ng	98
53) 3-Nitroaniline	14.46	138	83559	23.309	ng	99
54) 2,4-Dinitrophenol	14.67	184	182640	94.545	ng	97
55) Dibenzofuran	14.96	168	755244	43.733	ng	100
56) 4-Nitrophenol	14.78	139	243101	92.143	ng	96
57) 2,4-Dinitrotoluene	14.92	165	213226	45.185	ng	99
58) Fluorene	15.60	166	642478	44.327	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	198889	45.140	ng	99
60) Diethylphthalate	15.38	149	637456	43.548	ng	100
61) 4-Chlorophenyl-phenylether	15.60	204	340738	42.686	ng	98
62) 4-Nitroaniline	15.62	138	153624	40.614	ng	97
63) Azobenzene	15.89	77	534364	44.877	ng	97
65) 4,6-Dinitro-2-methylphenol	15.69	198	141384	51.037	ng	96
66) n-Nitrosodiphenylamine	15.81	169	587959	44.529	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	244146	42.756	ng	98
68) Hexachlorobenzene	16.62	284	263201	41.620	ng	98
69) Atrazine	16.76	200	190667	35.396	ng	99
70) Pentachlorophenol	16.96	266	295811	89.528	ng	99
71) Phenanthrene	17.34	178	1090299	43.949	ng	100
72) Anthracene	17.43	178	1105909	45.182	ng	99
73) Carbazole	17.70	167	1021002	44.181	ng	99
74) Di-n-butylphthalate	18.27	149	1123146	42.265	ng	99
75) Fluoranthene	19.35	202	1383246	43.327	ng	100
77) Benzidine	19.53	184	581395	51.491	ng	98
78) Pyrene	19.71	202	1374877	44.433	ng	100
80) Butylbenzylphthalate	20.60	149	510856	42.327	ng	98
81) Benzo(a)anthracene	21.53	228	1300449	42.937	ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	273048	24.293	ng	99
83) Chrysene	21.60	228	1269730	43.583	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	713880	43.342	ng	100
85) Di-n-octyl phthalate	22.61	149	1254525	44.483	ng	100
87) Indeno(1,2,3-cd)pyrene	28.16	276	1594183	44.662	ng	99
88) Benzo(b)fluoranthene	23.67	252	1369601	44.135	ng	97
89) Benzo(k)fluoranthene	23.74	252	1338045	44.615	ng	99
90) Benzo(a)pyrene	24.51	252	1255493	43.353	ng	99
91) Dibenzo(a,h)anthracene	28.22	278	1292386	44.868	ng	99
92) Benzo(g,h,i)perylene	29.25	276	1323245	46.004	ng	98

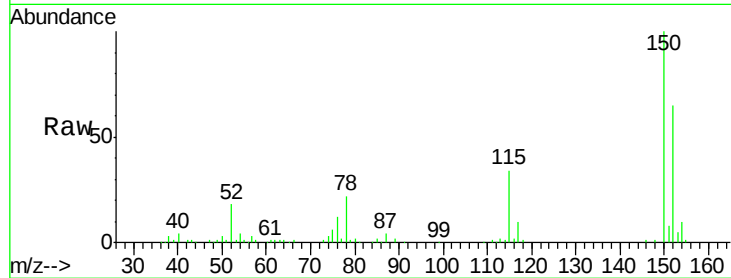
(#) = qualifier out of range (m) = manual integration (+) = signals summed



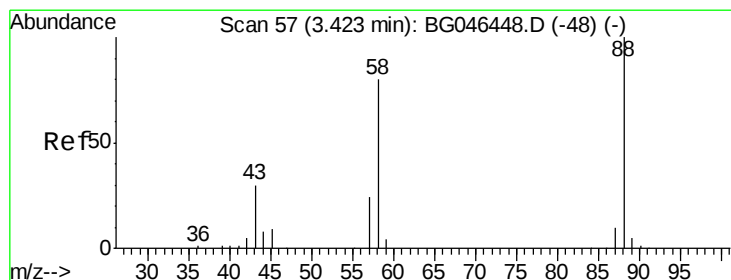
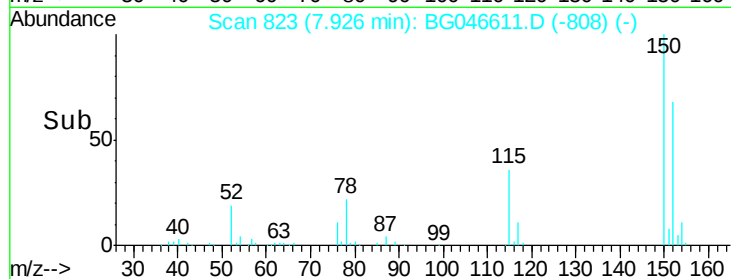
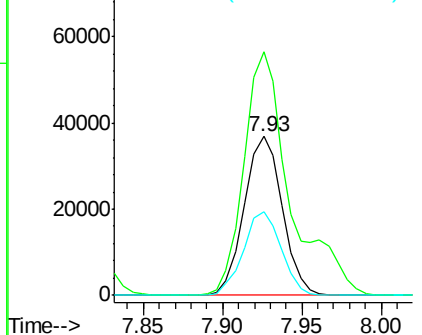
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BG046611.D
 Acq: 14 Sep 2020 20:12

Instrument :
 BNA_G
 ClientSampleId :
 B20-7-9MSD

Tot Ion:152 Resp: 61570
 Ion Ratio Lower Upper
 152 100
 150 153.4 119.5 179.3
 115 52.7 44.3 66.5

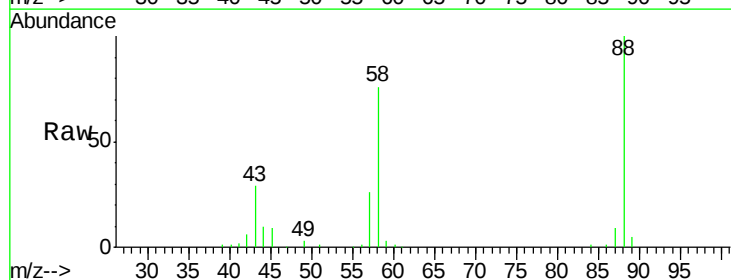


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

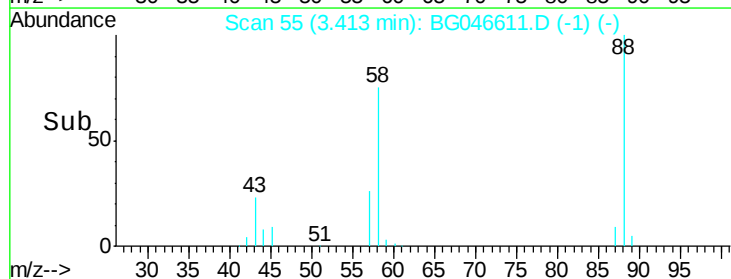
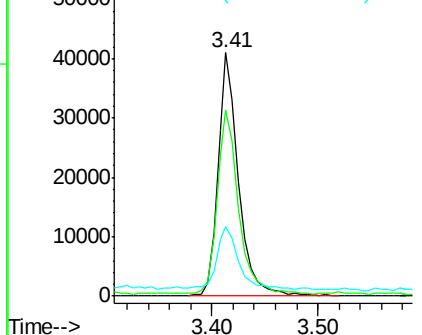


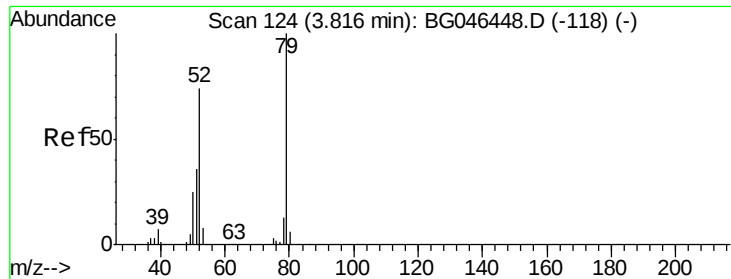
#2
 1,4-Dioxane
 Concen: 38.423 ng
 RT: 3.41 min Scan# 55
 Delta R.T. -0.01 min
 Lab File: BG046611.D
 Acq: 14 Sep 2020 20:12

Tgt Ion: 88 Resp: 55568
 Ion Ratio Lower Upper
 88 100
 58 79.0 61.4 92.2
 43 28.6 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: 37.623 ng

RT: 3.81 min Scan# 122

Delta R.T. -0.01 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Instrument :

BNA_G

ClientSampleId :

B20-7-9MSD

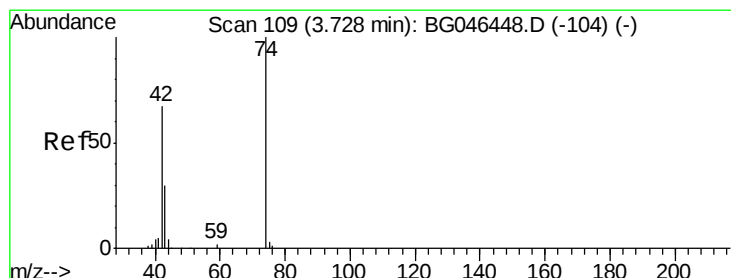
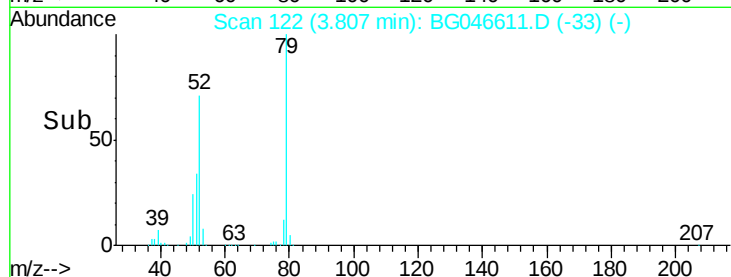
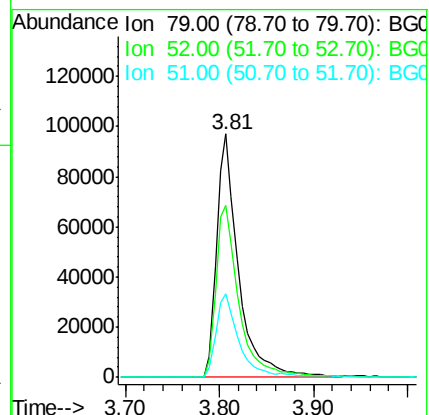
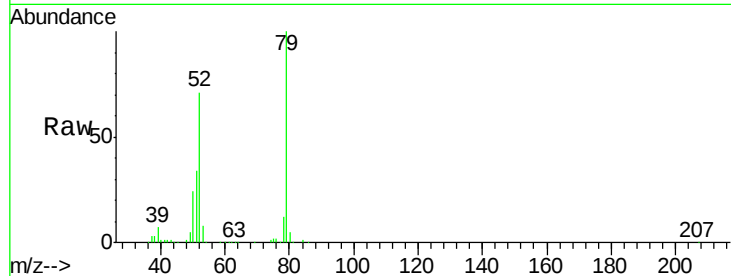
Tot Ion: 79 Resp: 159198

Ion Ratio Lower Upper

79 100

52 70.8 59.1 88.7

51 34.1 29.0 43.6



#4

n-Nitrosodimethylamine

Concen: 44.790 ng

RT: 3.72 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

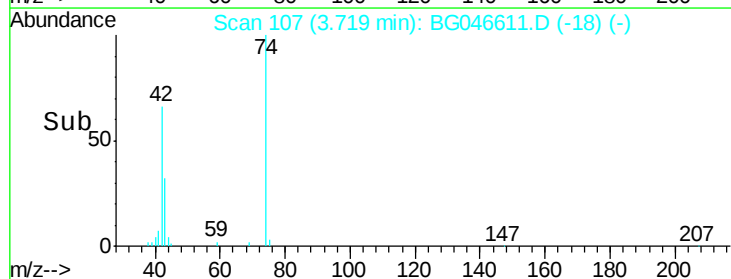
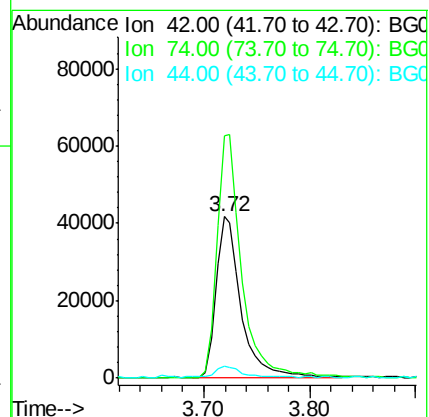
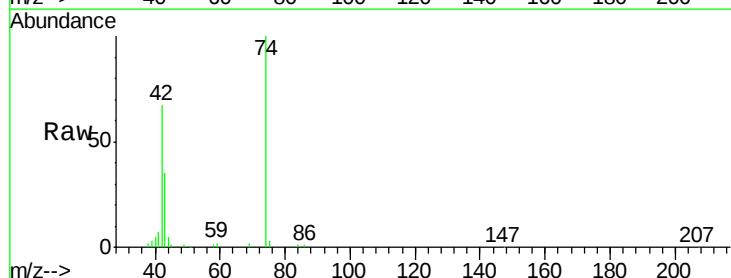
Tgt Ion: 42 Resp: 69900

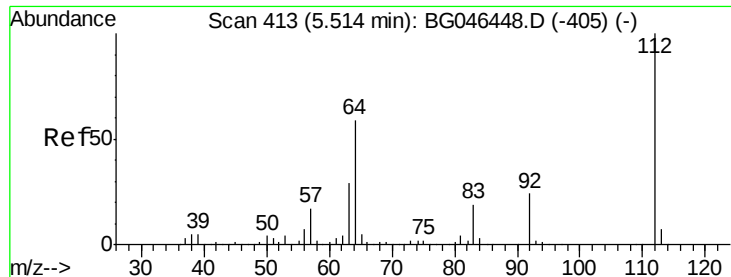
Ion Ratio Lower Upper

42 100

74 150.1 119.5 179.3

44 7.7 5.7 8.5





#5

2-Fluorophenol

Concen: 100.897 ng

RT: 5.52 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Instrument :

BNA_G

ClientSampleId :

B20-7-9MSD

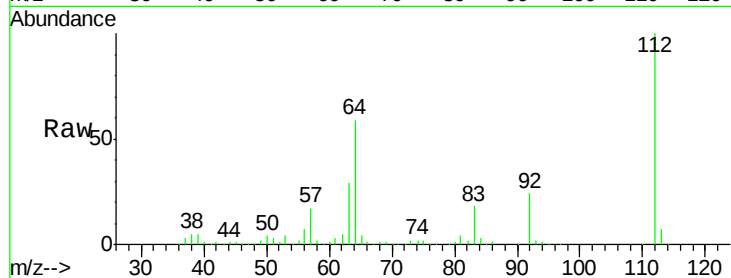
Tot Ion: 112 Resp: 350740

Ion Ratio Lower Upper

112 100

64 59.2 47.0 70.6

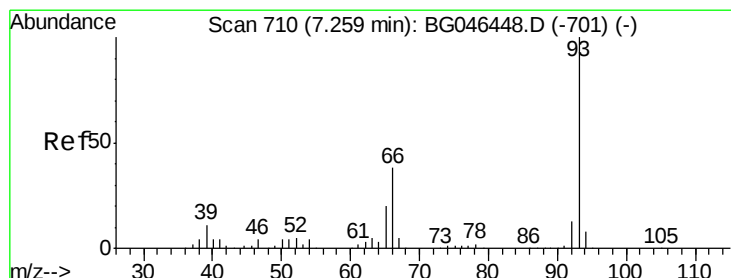
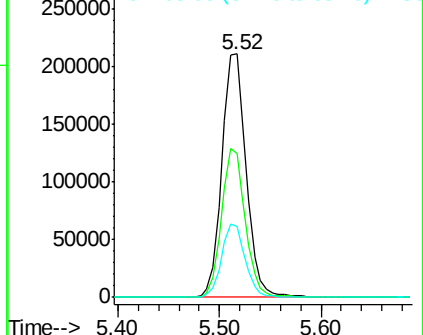
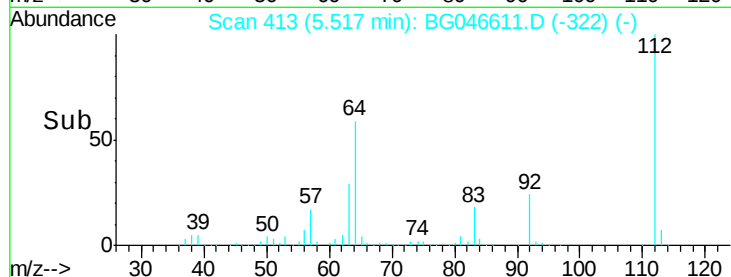
63 29.0 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.292 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

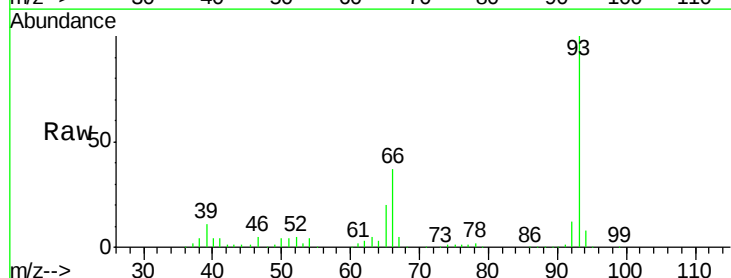
Tgt Ion: 93 Resp: 167976

Ion Ratio Lower Upper

93 100

66 36.7 30.4 45.6

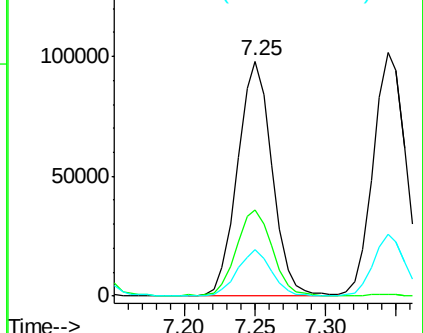
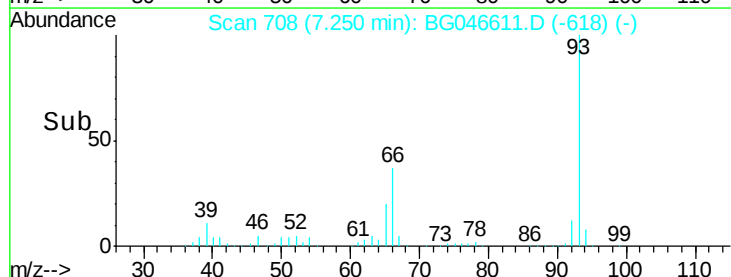
65 19.6 15.8 23.6



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: 99.397 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Instrument :

BNA_G

ClientSampleId :

B20-7-9MSD

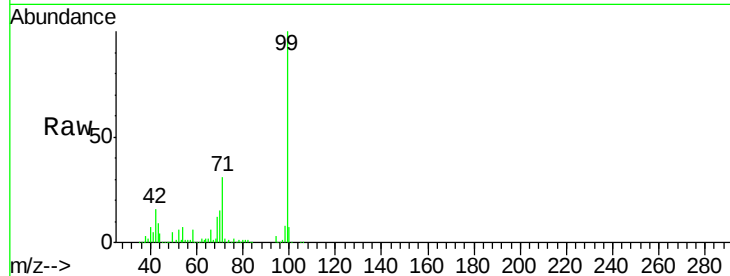
Tot Ion: 99 Resp: 489818

Ion Ratio Lower Upper

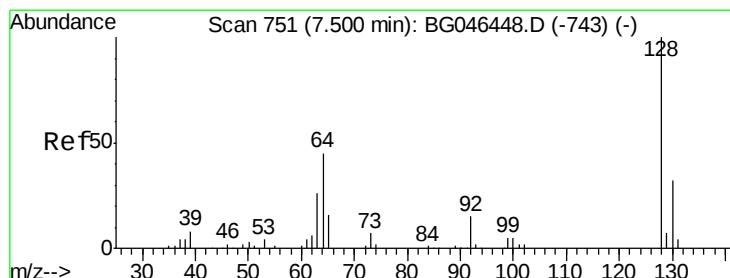
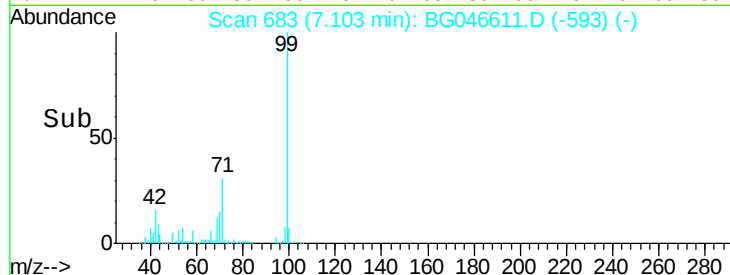
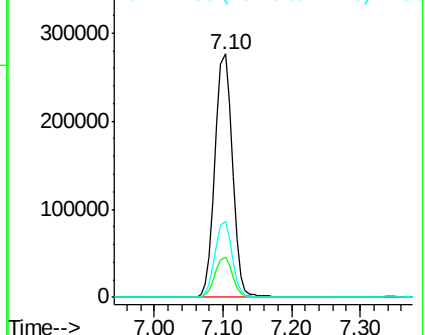
99 100

42 16.2 13.3 19.9

71 31.3 25.3 37.9



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



#8

2-Chlorophenol

Concen: 49.274 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

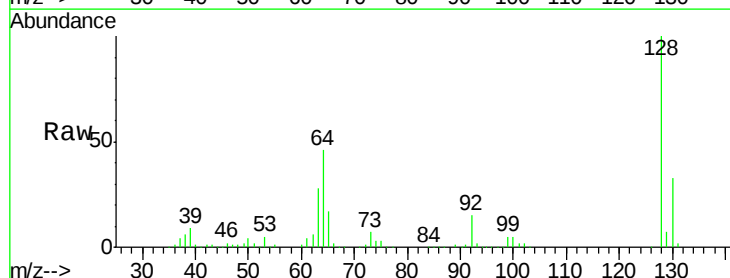
Tgt Ion: 128 Resp: 181034

Ion Ratio Lower Upper

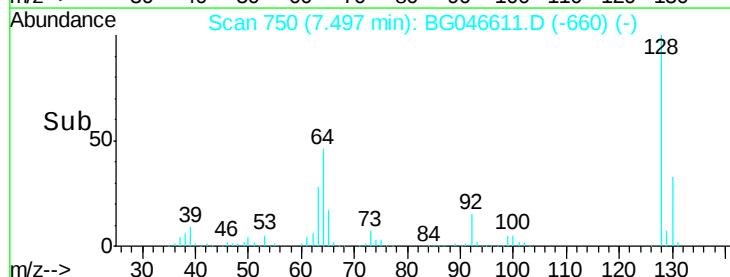
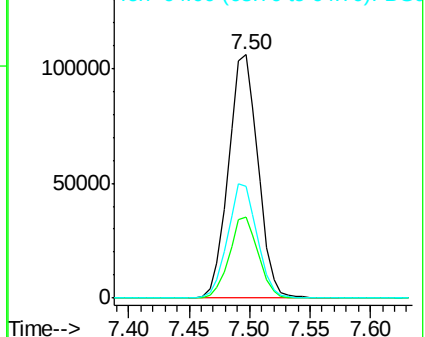
128 100

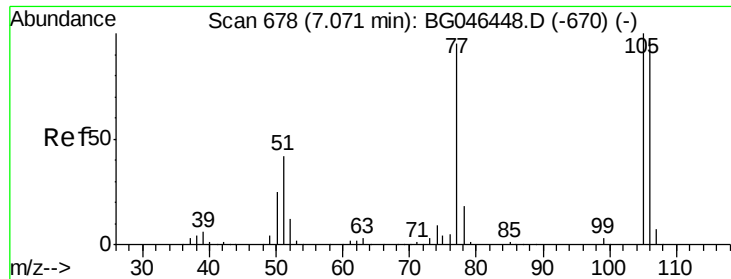
130 33.4 12.4 52.4

64 46.0 28.1 68.1



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





#9

Benzaldehyde

Concen: 28.219 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Instrument :

BNA_G

ClientSampled :

B20-7-9MSD

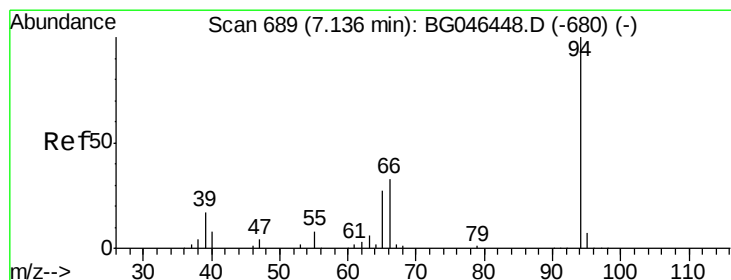
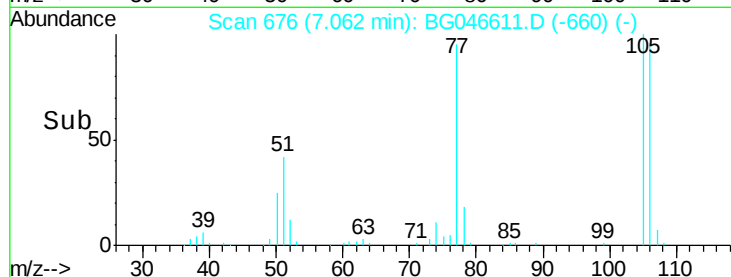
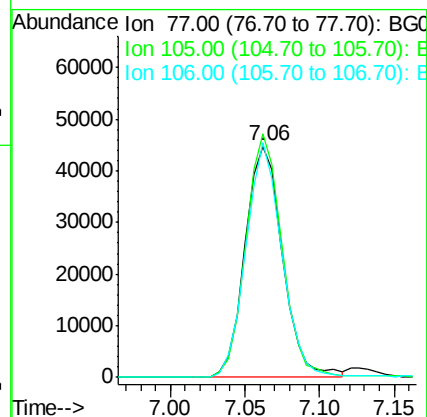
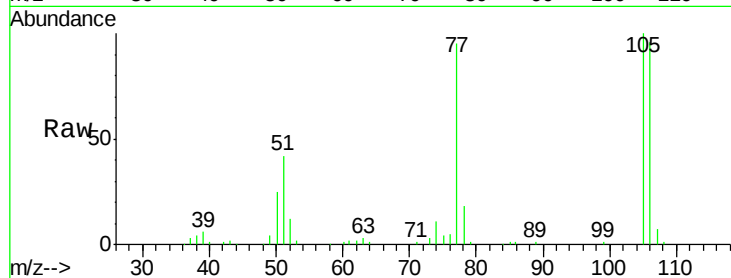
Tot Ion: 77 Resp: 77910

Ion Ratio Lower Upper

77 100

105 105.5 85.6 125.6

106 101.4 80.8 120.8



#10

Phenol

Concen: 50.894 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

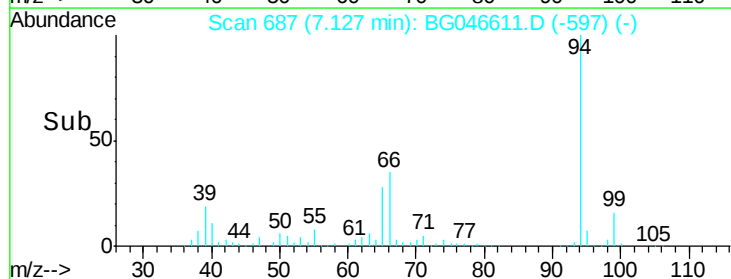
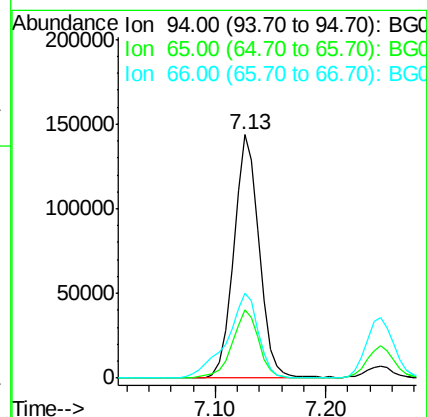
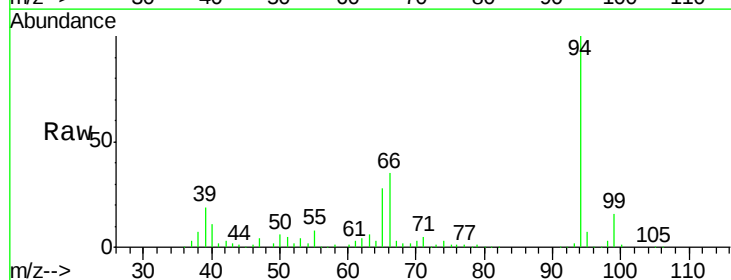
Tgt Ion: 94 Resp: 230997

Ion Ratio Lower Upper

94 100

65 28.0 7.5 47.5

66 35.1 14.1 54.1

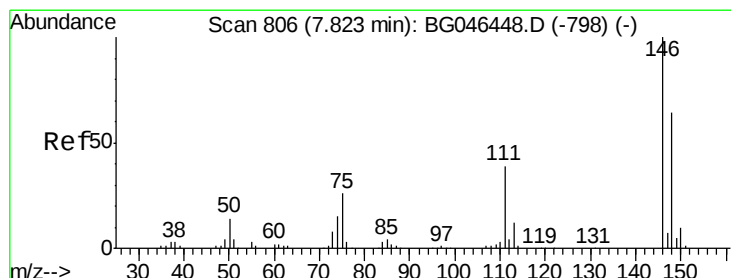
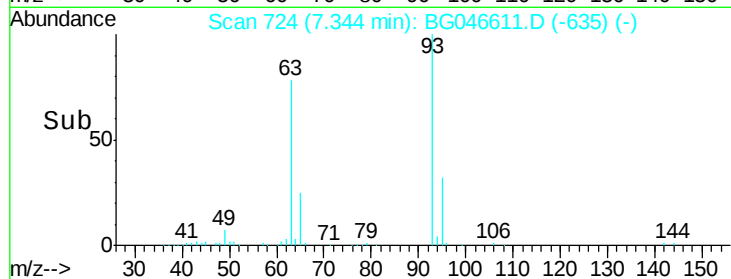
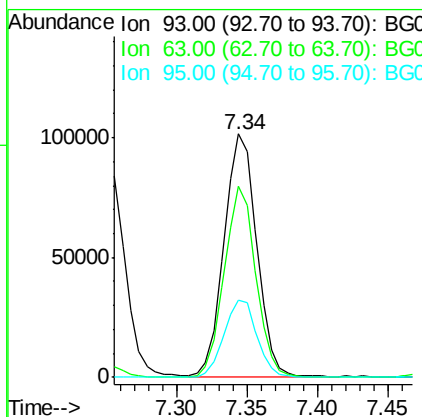
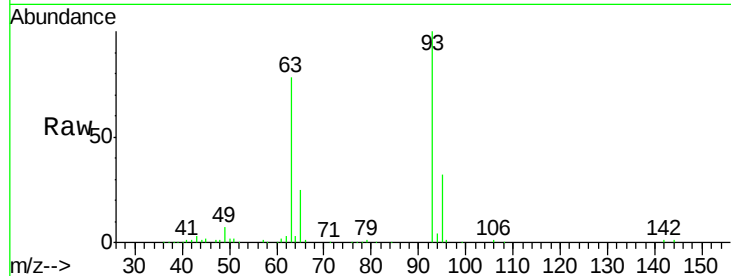




#11
 bis(2-Chloroethyl)ether
 Concen: 44.508 ng
 RT: 7.34 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: BG046611.D
 Acq: 14 Sep 2020 20:12

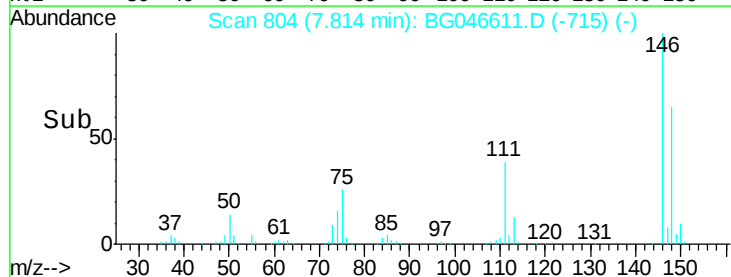
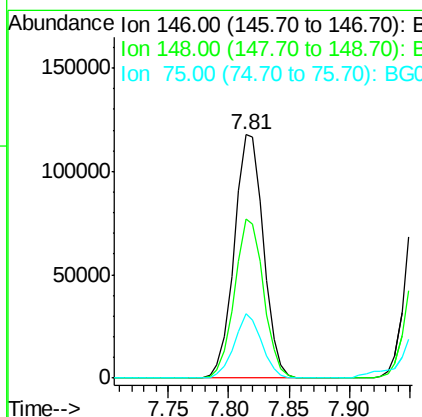
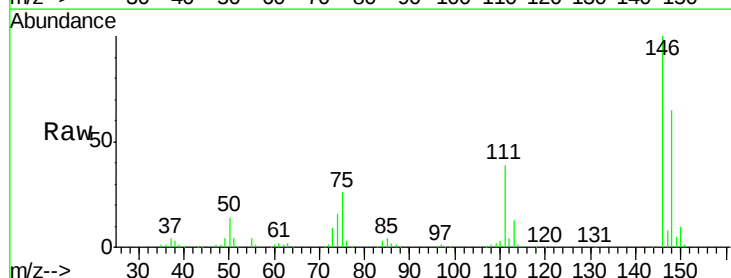
Instrument :
 BNA_G
 ClientSampleId :
 B20-7-9MSD

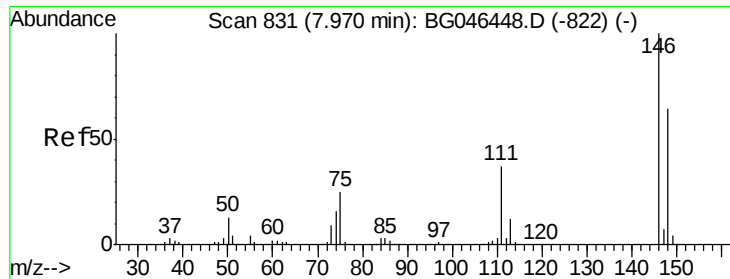
Tot Ion	93	Resp	162382
Ion	Ratio	Lower	Upper
93	100		
63	78.3	57.7	97.7
95	31.6	12.3	52.3



#12
 1,3-Dichlorobenzene
 Concen: 42.561 ng
 RT: 7.81 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BG046611.D
 Acq: 14 Sep 2020 20:12

Tgt Ion	146	Resp	198528
Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.4	77.0
75	26.3	20.7	31.1

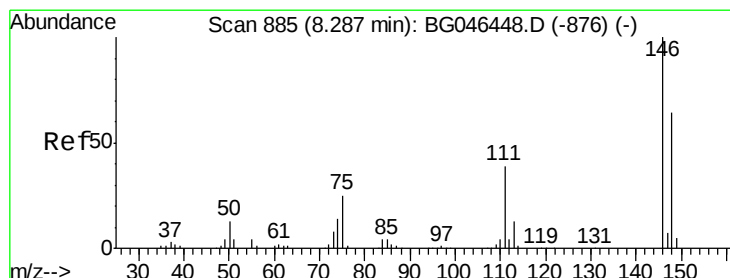
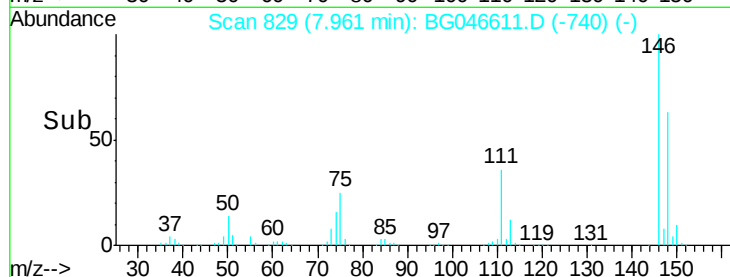
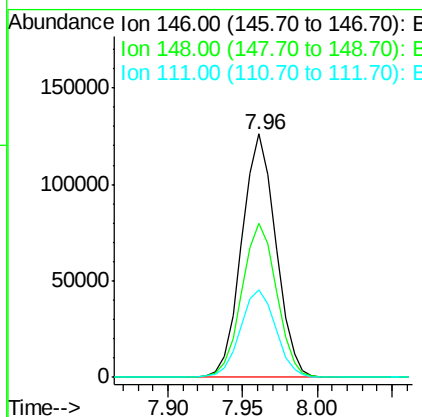
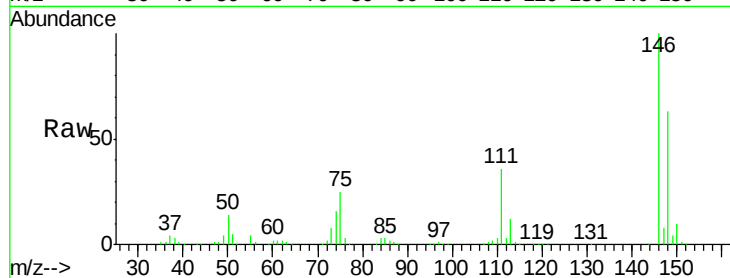




#13
 1,4-Dichlorobenzene
 Concen: 42.734 ng
 RT: 7.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BG046611.D
 Acq: 14 Sep 2020 20:12

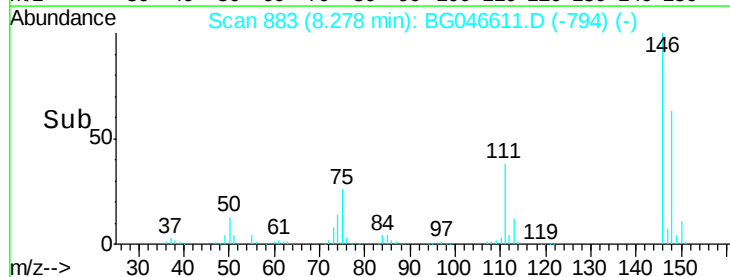
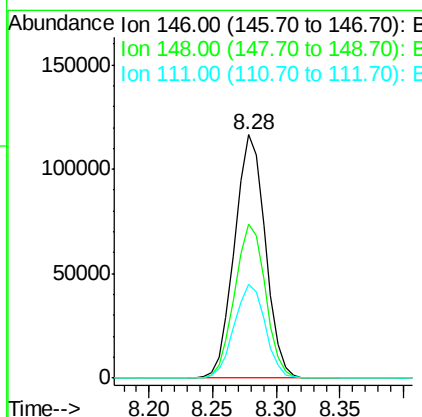
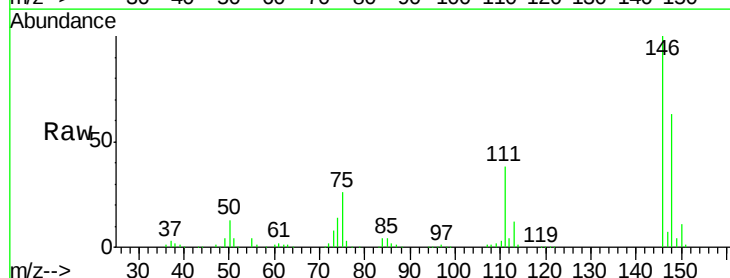
Instrument :
 BNA_G
 ClientSampleId :
 B20-7-9MSD

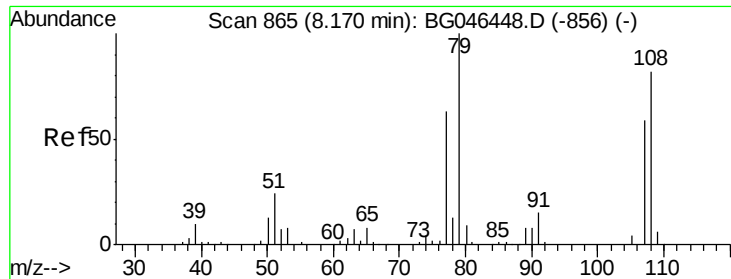
Tot Ion:146 Resp: 199562
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.9 76.3
 111 35.9 29.8 44.6



#14
 1,2-Dichlorobenzene
 Concen: 43.652 ng
 RT: 8.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BG046611.D
 Acq: 14 Sep 2020 20:12

Tgt Ion:146 Resp: 195463
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.4 77.0
 111 38.4 31.4 47.2





#15

Benzyl Alcohol

Concen: 48.244 ng

RT: 8.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Instrument :

BNA_G

ClientSampleId :

B20-7-9MSD

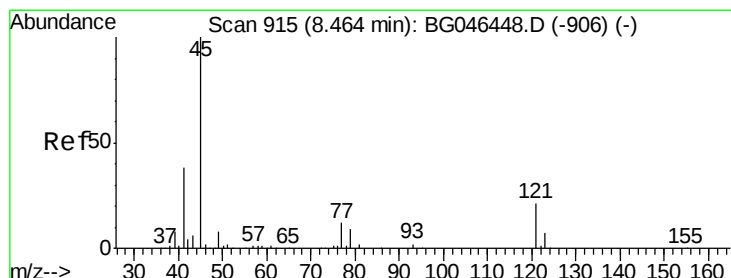
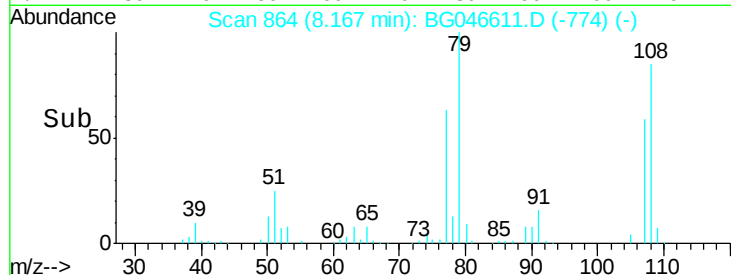
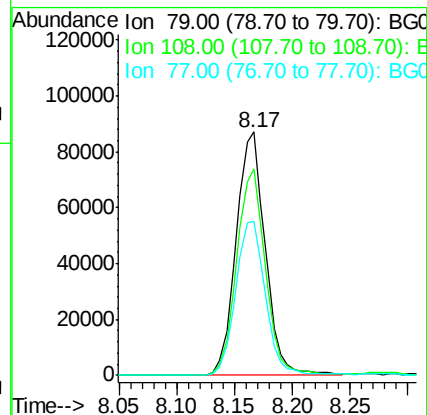
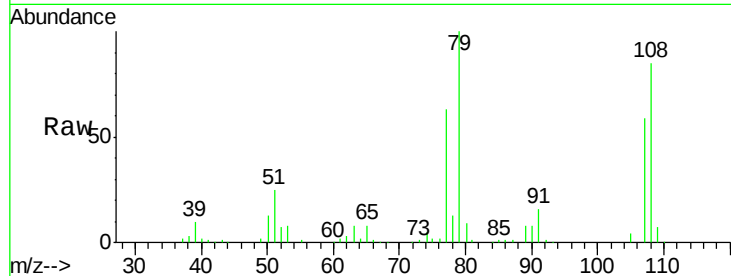
Tot Ion: 79 Resp: 152633

Ion Ratio Lower Upper

79 100

108 84.6 65.7 98.5

77 63.3 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.451 ng

RT: 8.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

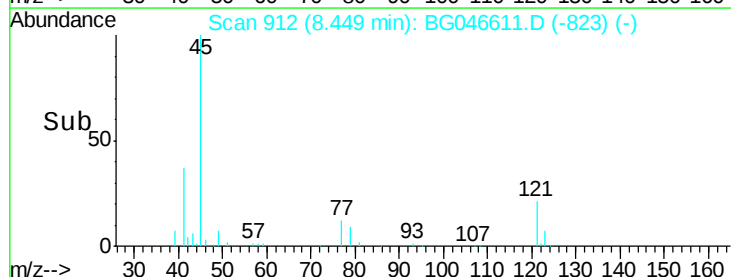
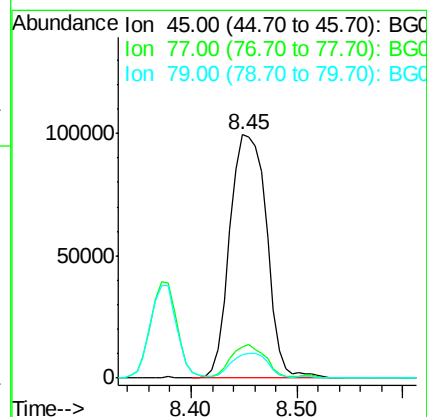
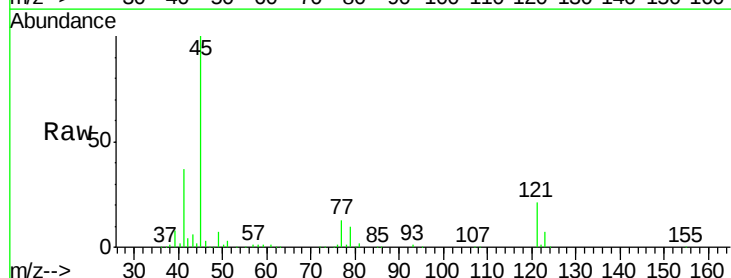
Tgt Ion: 45 Resp: 240230

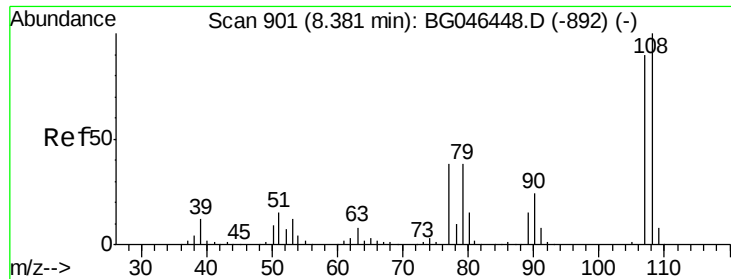
Ion Ratio Lower Upper

45 100

77 12.6 0.0 33.2

79 9.7 0.0 30.3





#17

2-Methylphenol

Concen: 50.183 ng

RT: 8.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Instrument :

BNA_G

ClientSampleId :

B20-7-9MSD

Tot Ion:107 Resp: 161534

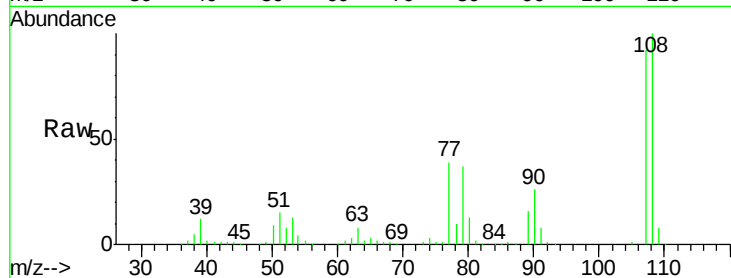
Ion Ratio Lower Upper

107 100

108 109.2 89.4 134.0

77 42.5 34.5 51.7

79 40.7 33.8 50.6

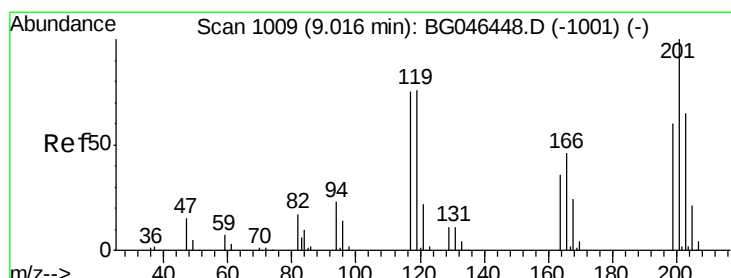
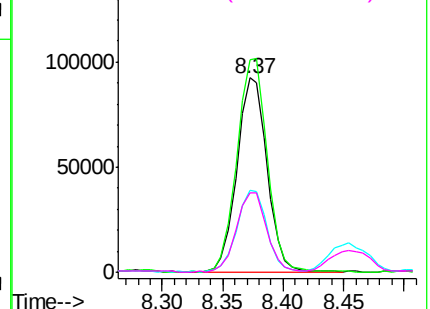
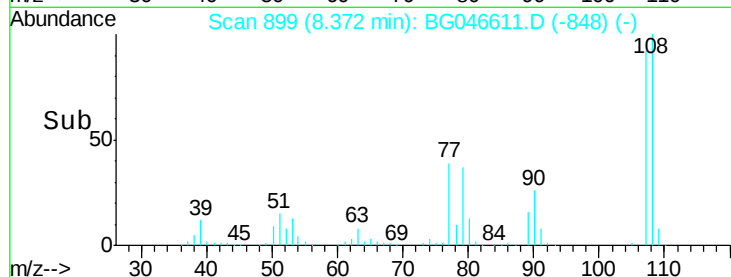


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.726 ng

RT: 9.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

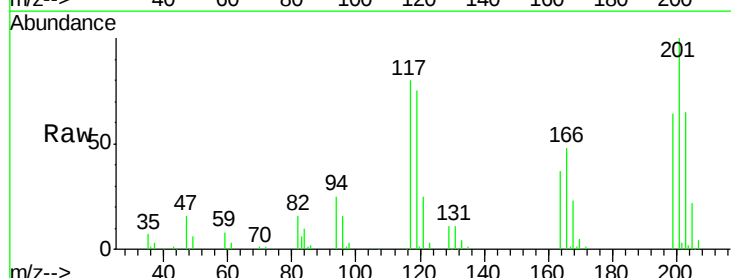
Tgt Ion:117 Resp: 66069

Ion Ratio Lower Upper

117 100

119 93.9 80.8 121.2

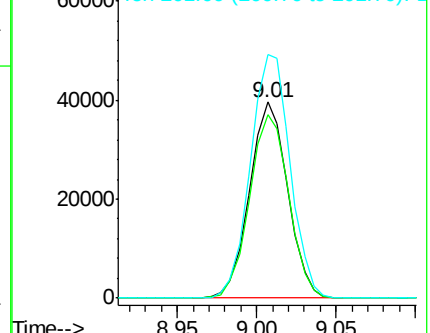
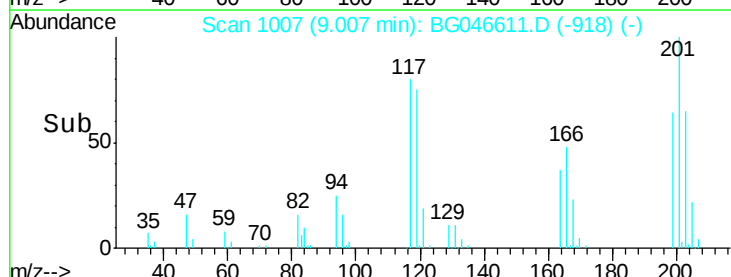
201 124.4 106.7 160.1

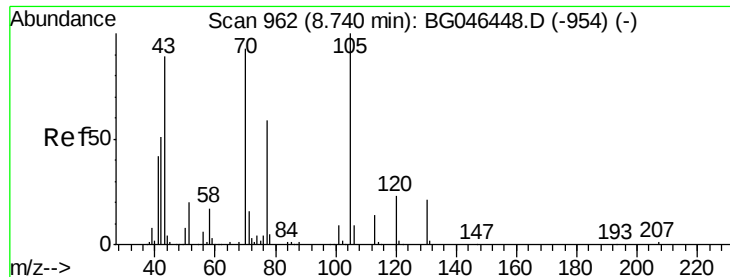


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

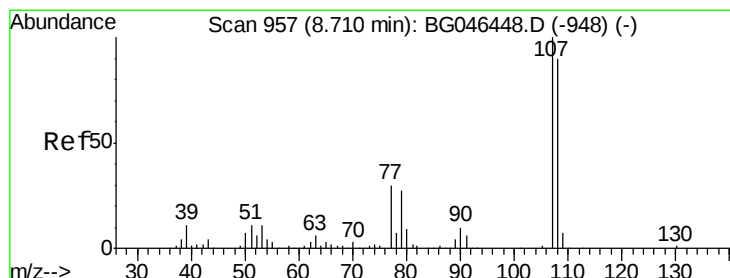
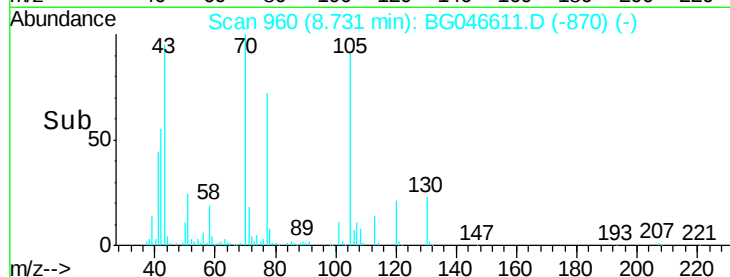
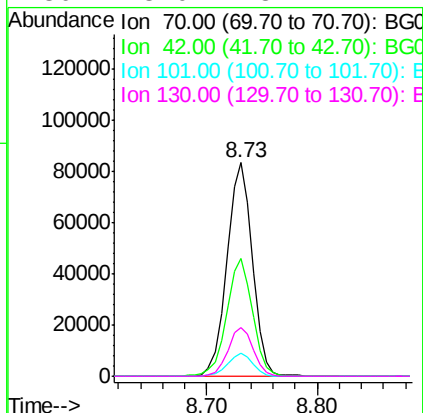
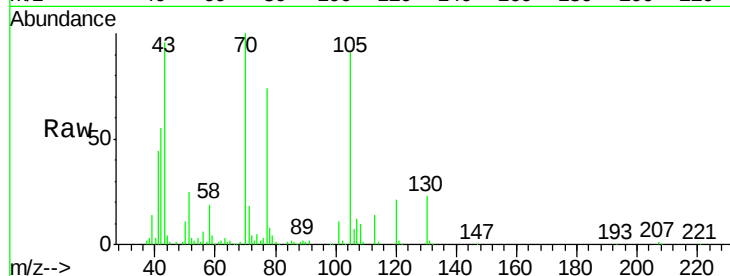




#19
n-Nitroso-di-n-propylamine
Concen: 45.575 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

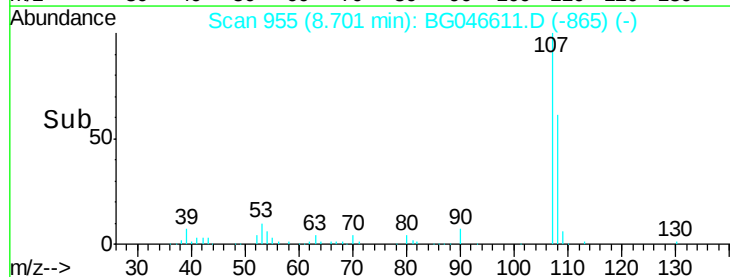
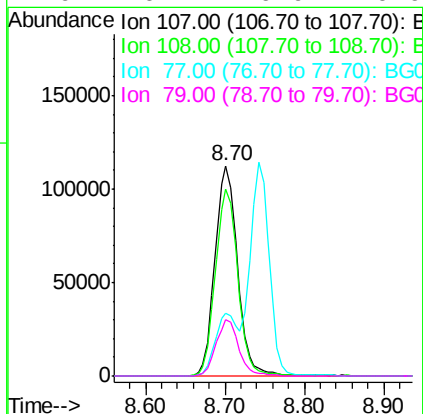
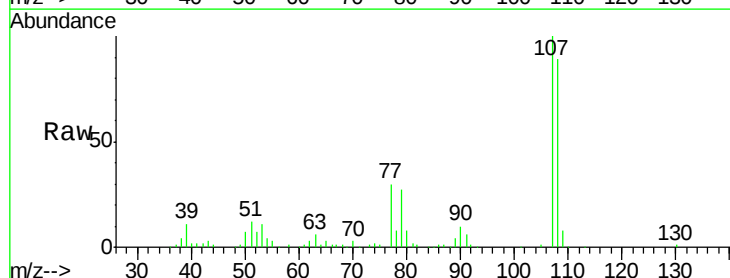
Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

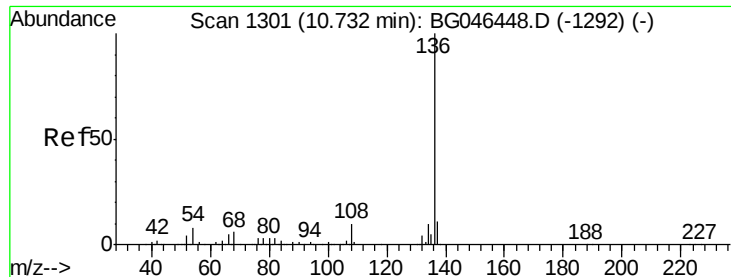
Tot Ion:	70	Resp:	134341
Ion	Ratio	Lower	Upper
70	100		
42	55.0	44.2	66.2
101	10.8	7.8	11.8
130	23.0	18.2	27.4



#20
3+4-Methylphenols
Concen: 50.138 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion:	107	Resp:	222760
Ion	Ratio	Lower	Upper
107	100		
108	89.3	69.7	109.7
77	29.9	9.7	49.7
79	26.7	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: BG046611.D

Acq: 14 Sep 2020 20:12

Instrument :

BNA_G

ClientSampleId :

B20-7-9MSD

Tot Ion:136 Resp: 257131

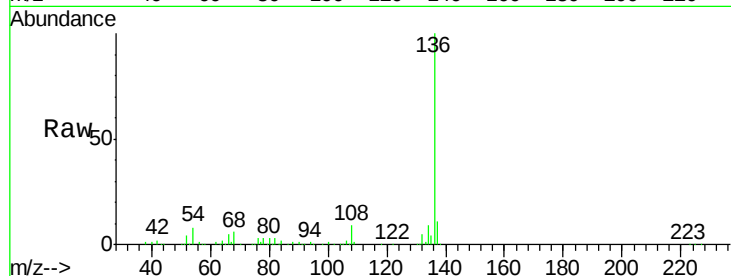
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.9 6.1 9.1

68 6.5 4.8 7.2

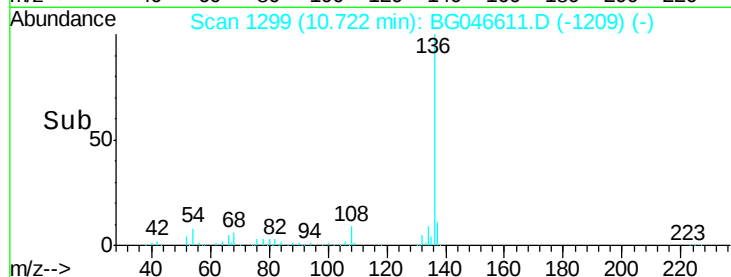


Abundance Ion 136.00 (135.70 to 136.70): E

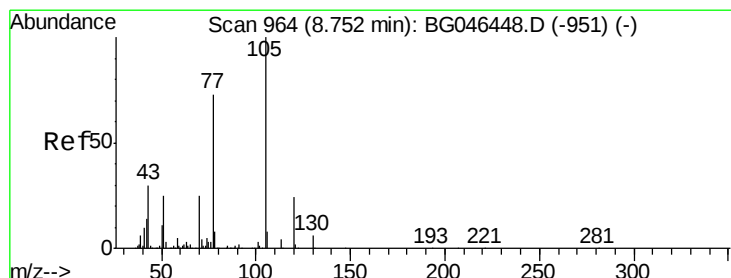
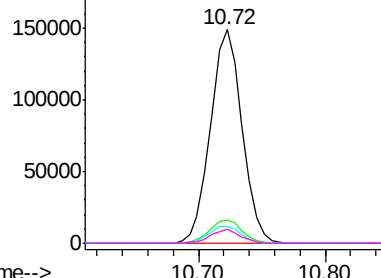
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#22

Acetophenone

Concen: 41.569 ng

RT: 8.74 min Scan# 962

Delta R.T. -0.01 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Tgt Ion:105 Resp: 260184

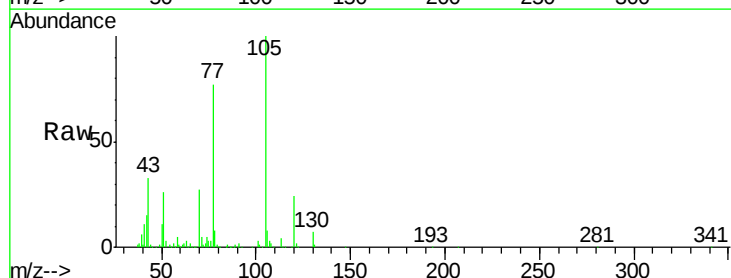
Ion Ratio Lower Upper

105 100

71 4.6 3.3 4.9

51 26.4 20.6 31.0

120 23.7 19.0 28.6

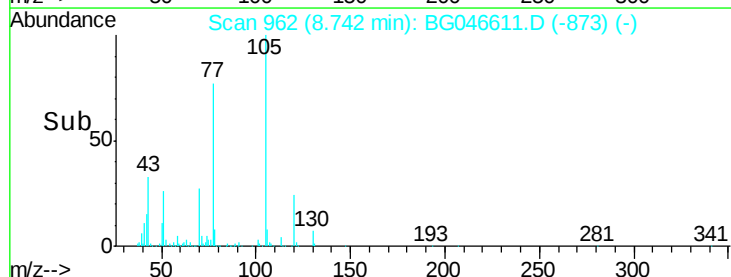


Abundance Ion 105.00 (104.70 to 105.70): E

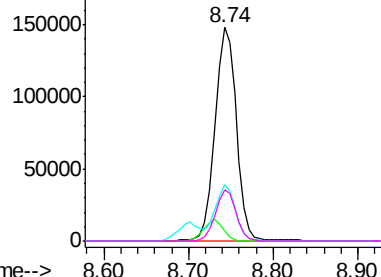
Ion 71.00 (70.70 to 71.70): BGC

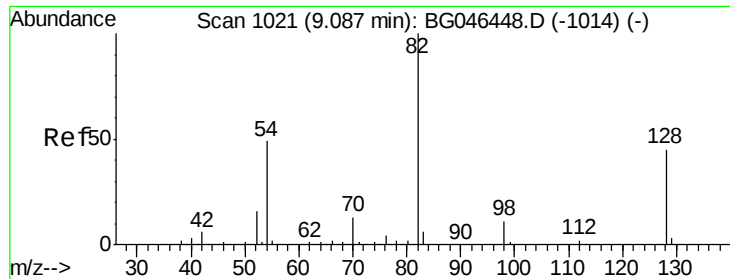
Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



Time-->

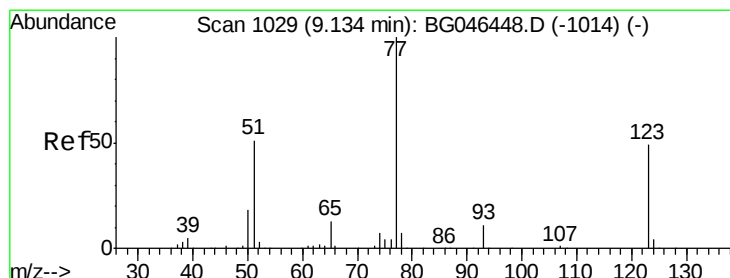
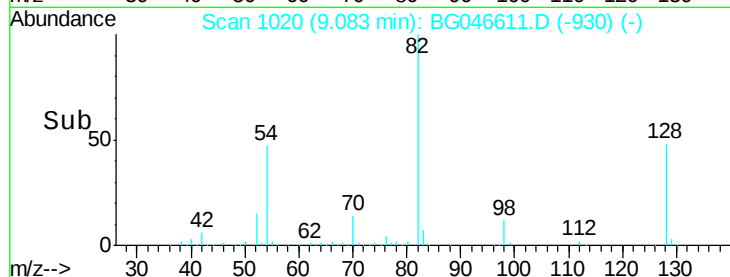
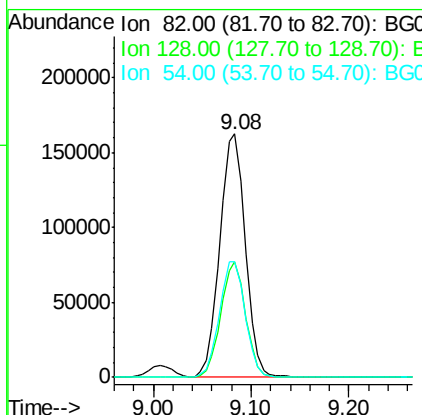
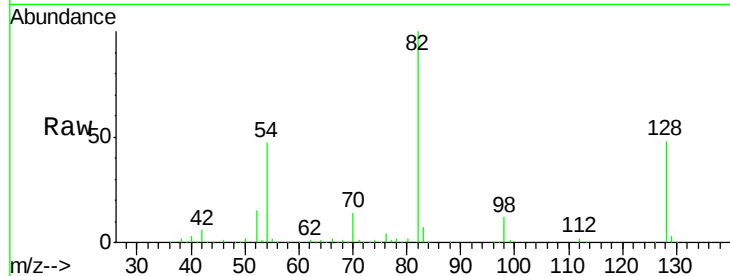




#23
 Nitrobenzene-d5
 Concen: 65.564 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046611.D
 Acq: 14 Sep 2020 20:12

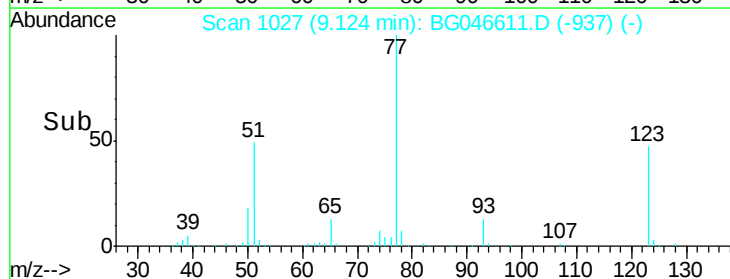
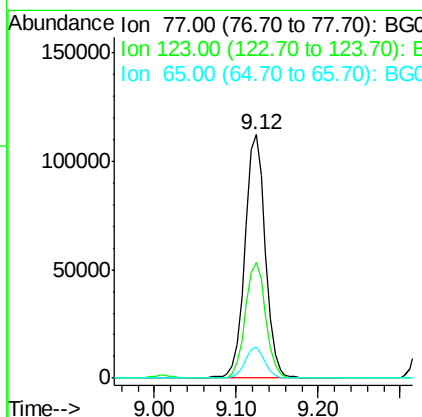
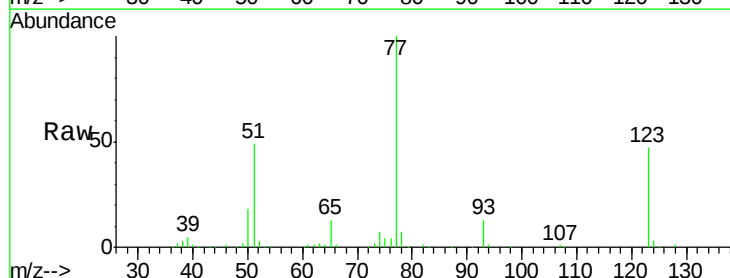
Instrument :
 BNA_G
 ClientSampleId :
 B20-7-9MSD

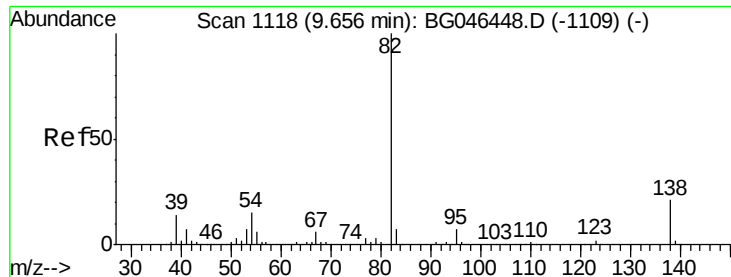
Tot Ion	82	Resp	294960
Ion Ratio	Lower	Upper	
82	100		
128	47.5	35.7	53.5
54	47.3	39.4	59.0



#24
 Nitrobenzene
 Concen: 43.758 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG046611.D
 Acq: 14 Sep 2020 20:12

Tgt Ion	77	Resp	194487
Ion Ratio	Lower	Upper	
77	100		
123	47.3	39.6	59.4
65	12.5	10.1	15.1





#25

Isophorone

Concen: 45.401 ng

RT: 9.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Instrument :

BNA_G

ClientSampleId :

B20-7-9MSD

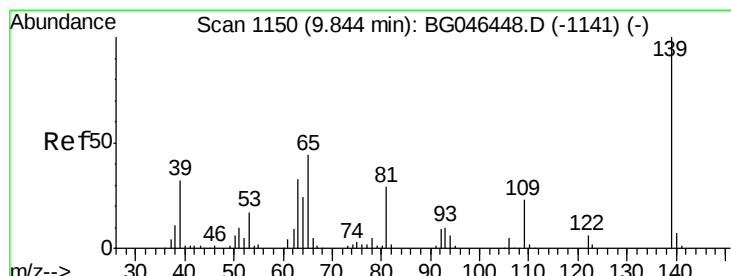
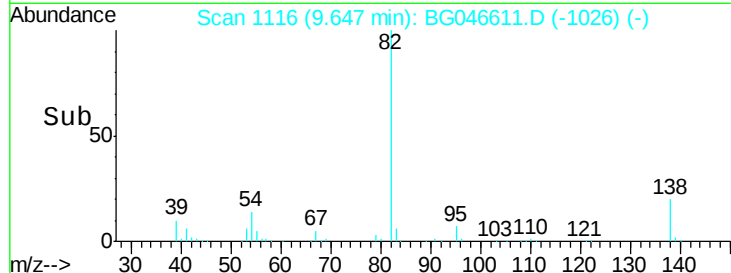
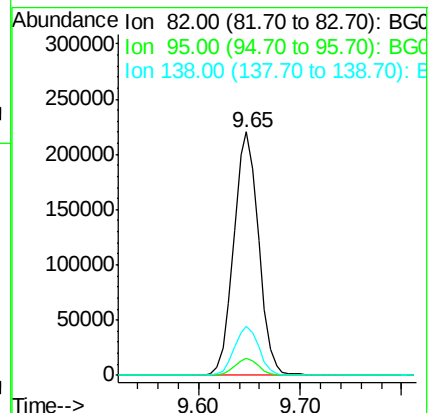
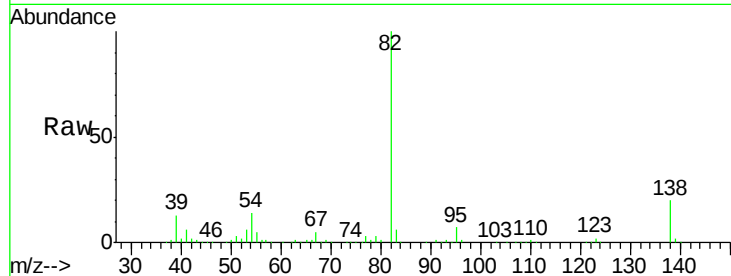
Tot Ion: 82 Resp: 374468

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

138 19.9 16.4 24.6



#26

2-Nitrophenol

Concen: 46.181 ng

RT: 9.84 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

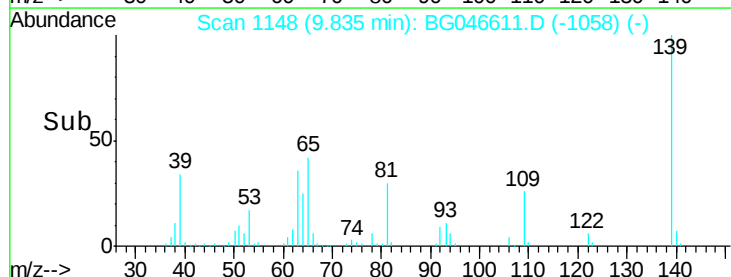
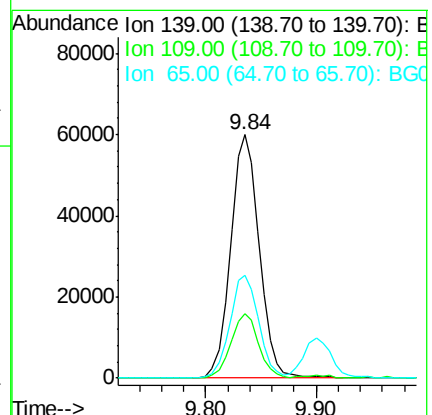
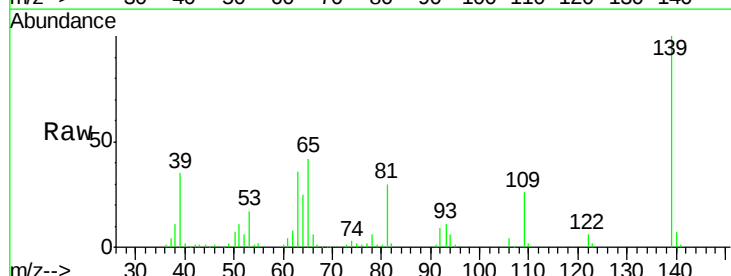
Tgt Ion: 139 Resp: 108294

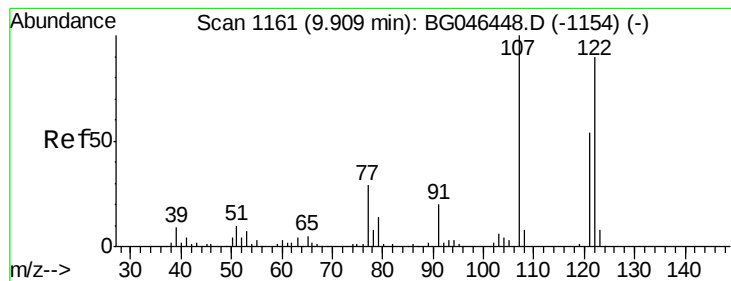
Ion Ratio Lower Upper

139 100

109 26.2 18.8 28.2

65 42.1 35.0 52.6





#27

2,4-Dimethylphenol

Concen: 55.788 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Instrument :

BNA_G

ClientSampleId :

B20-7-9MSD

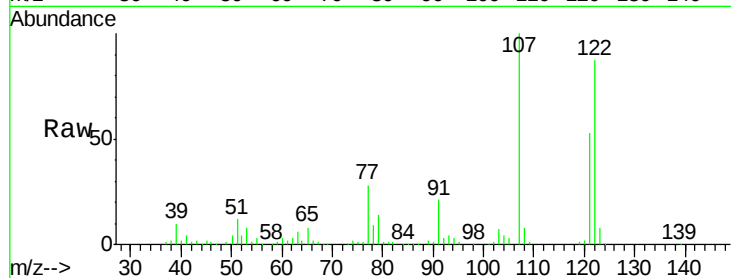
Tot Ion:122 Resp: 179931

Ion Ratio Lower Upper

122 100

107 115.2 88.2 132.2

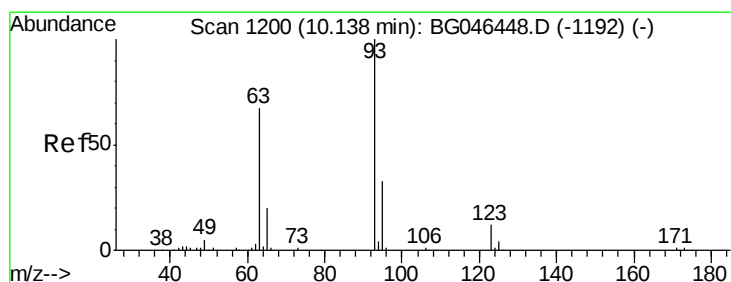
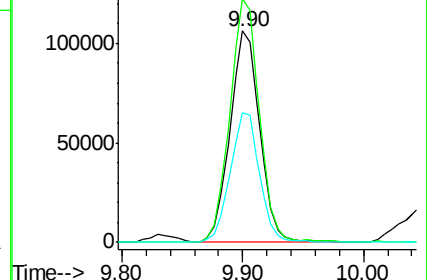
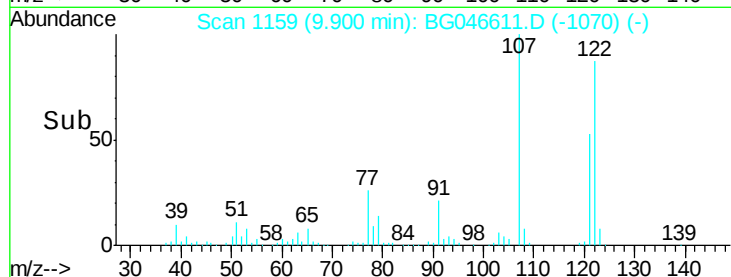
121 61.3 47.4 71.0



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: 42.778 ng

RT: 10.13 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

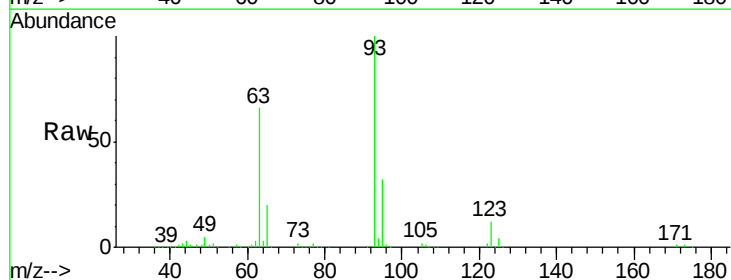
Tgt Ion: 93 Resp: 227099

Ion Ratio Lower Upper

93 100

95 32.3 26.1 39.1

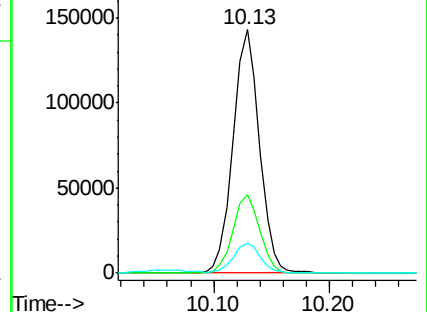
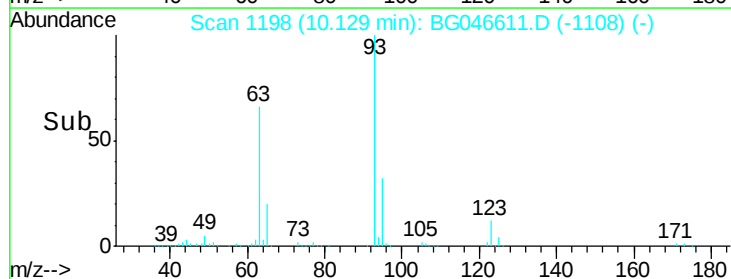
123 12.3 9.5 14.3

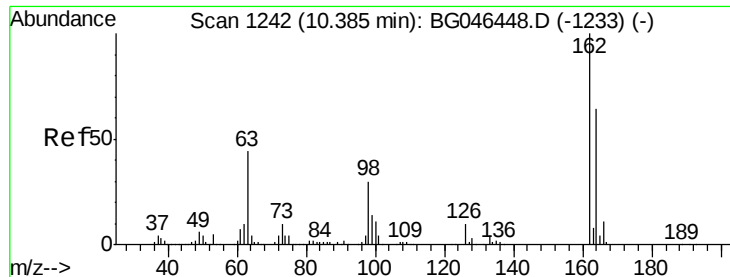


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

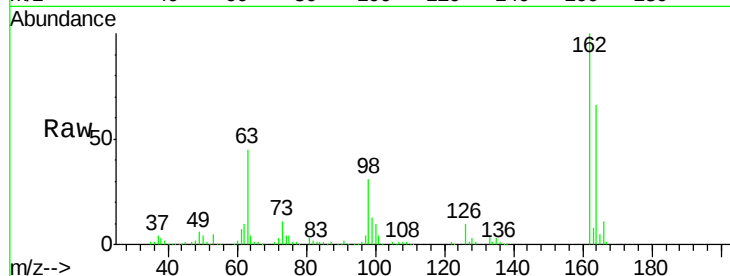




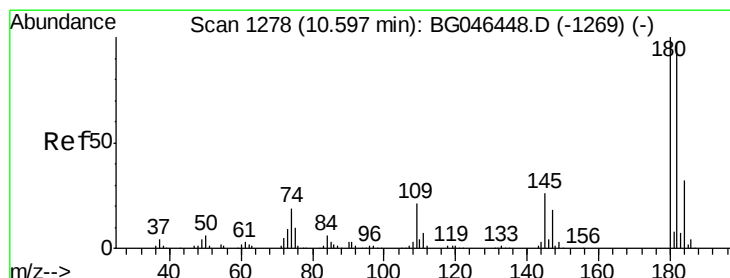
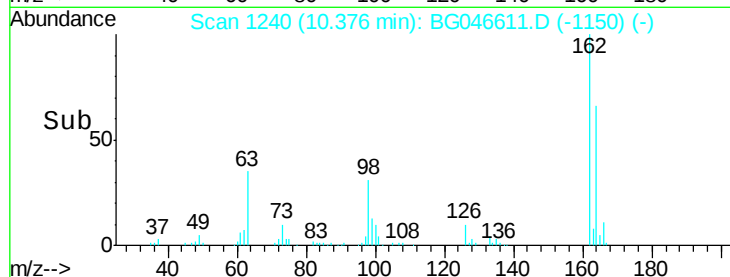
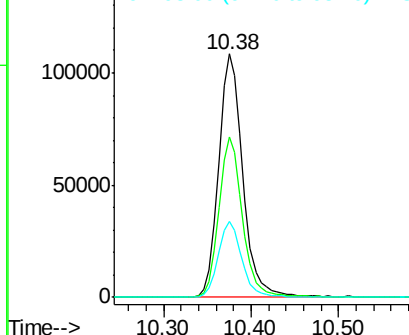
#29
2,4-Dichlorophenol
Concen: 48.191 ng
RT: 10.38 min Scan# 1240
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	44.3	84.3
98	30.9	10.0	50.0

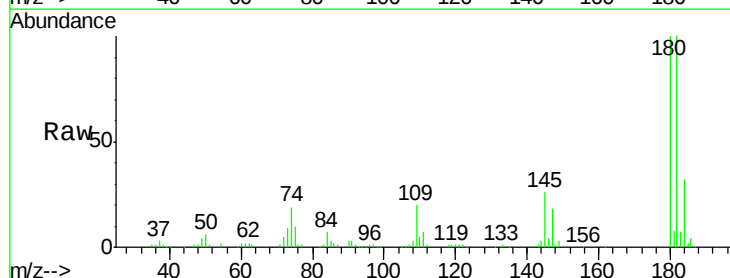


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

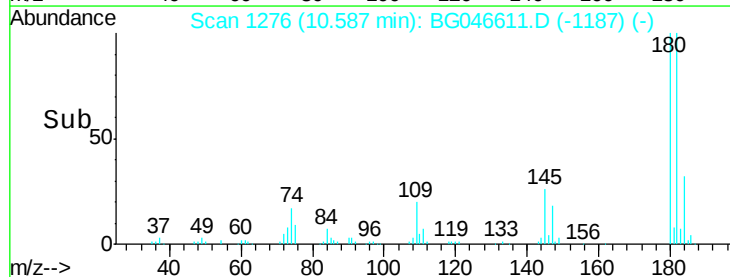
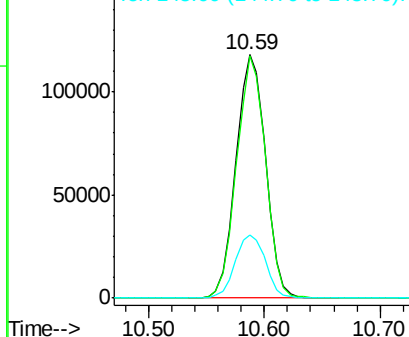


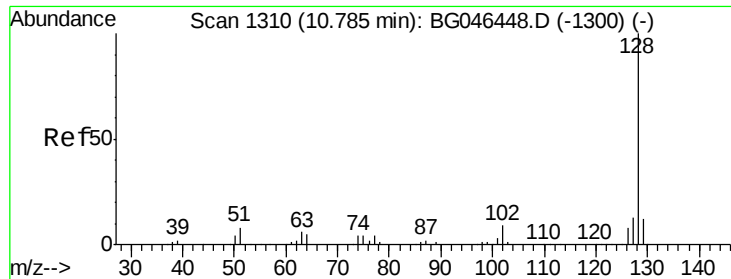
#30
1,2,4-Trichlorobenzene
Concen: 41.029 ng
RT: 10.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.8	77.8	116.8
145	26.1	20.9	31.3



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

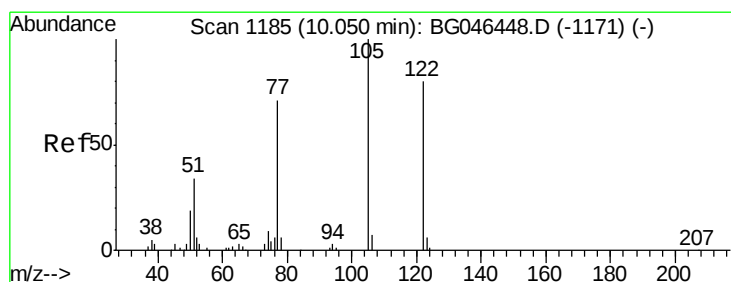
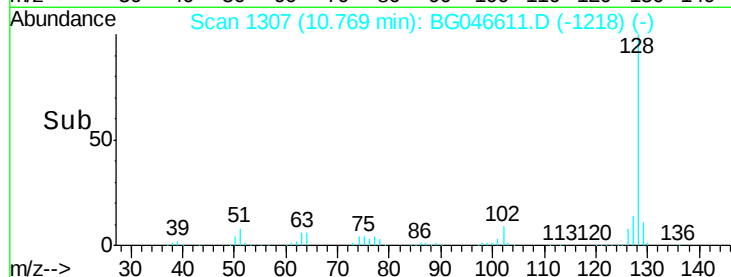
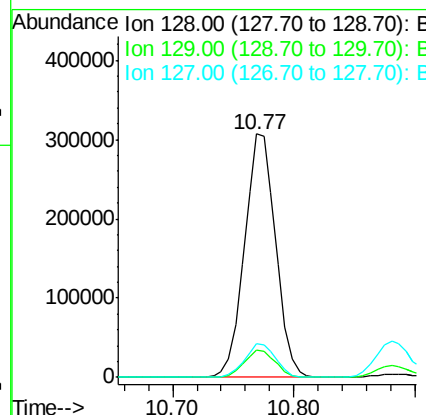
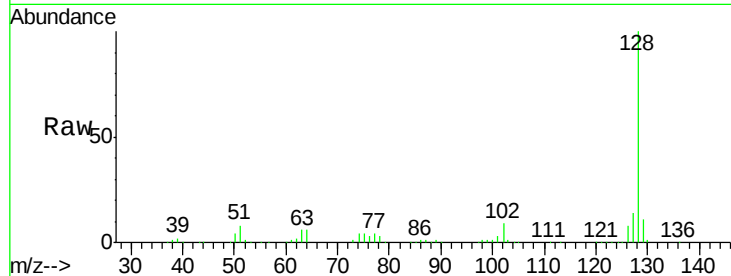




#31
Naphthalene
Concen: 43.817 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

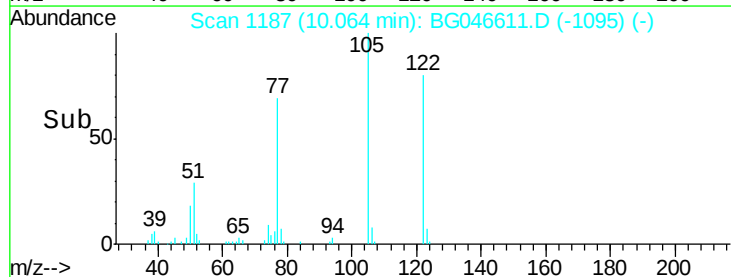
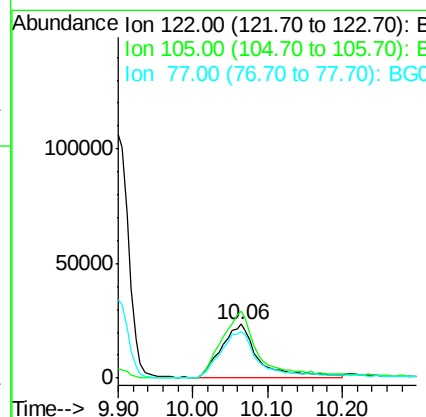
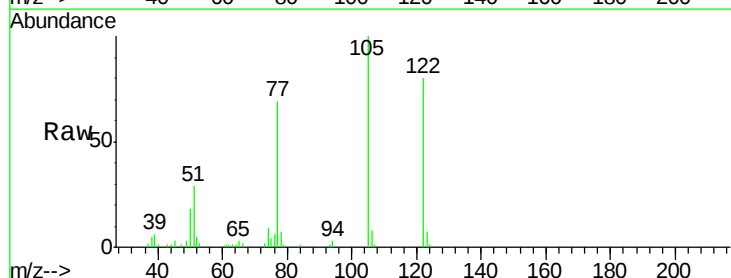
Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

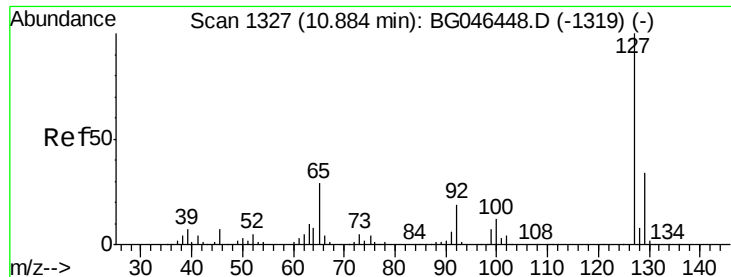
Tot Ion:128 Resp: 550111
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.7 10.7 16.1



#32
Benzoic acid
Concen: 36.426 ng
RT: 10.06 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion:122 Resp: 79147
Ion Ratio Lower Upper
122 100
105 124.8 102.5 142.5
77 86.7 68.2 108.2

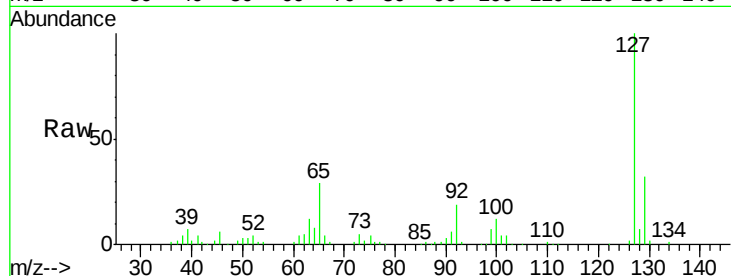




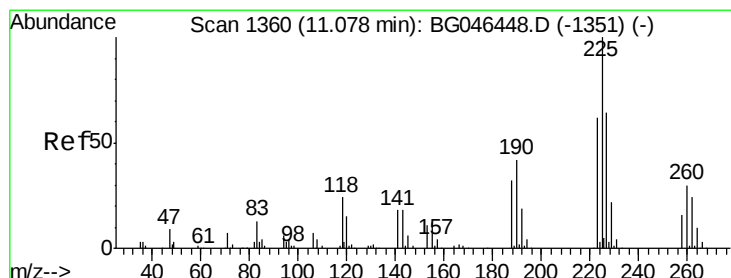
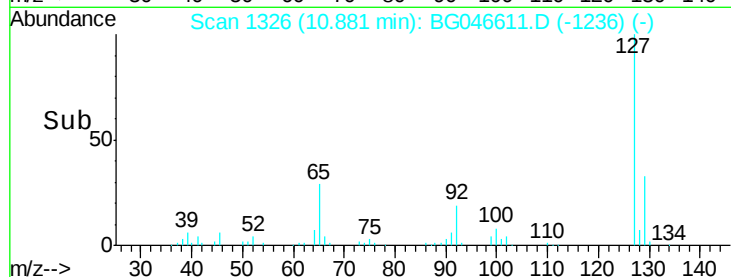
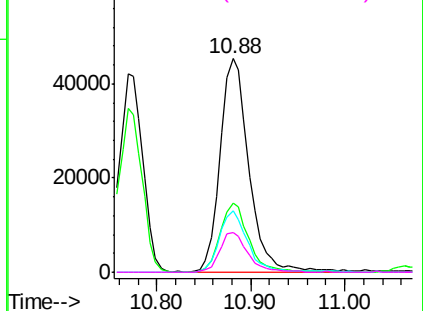
#33
4-Chloroaniline
Concen: 17.547 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

Tot Ion:	127	Resp:	97140
Ion	Ratio	Lower	Upper
127	100		
129	32.4	27.0	40.4
65	29.0	23.5	35.3
92	18.9	14.9	22.3

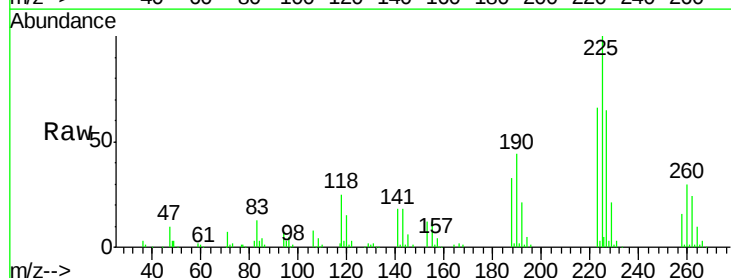


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

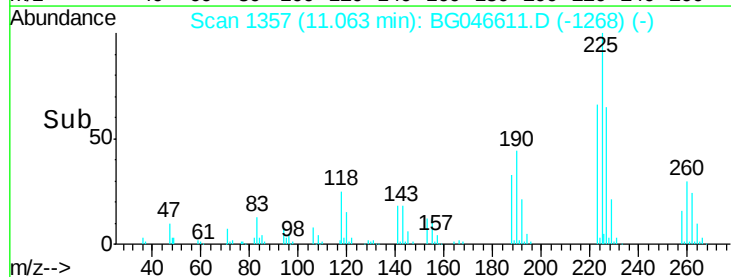
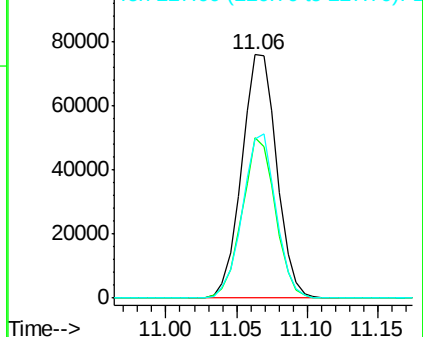


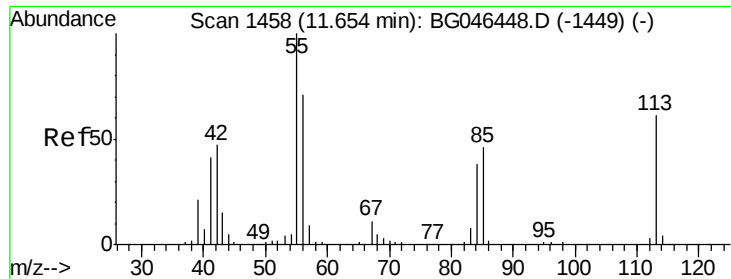
#34
Hexachlorobutadiene
Concen: 39.749 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion:	225	Resp:	131633
Ion	Ratio	Lower	Upper
225	100		
223	65.6	49.9	74.9
227	65.2	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

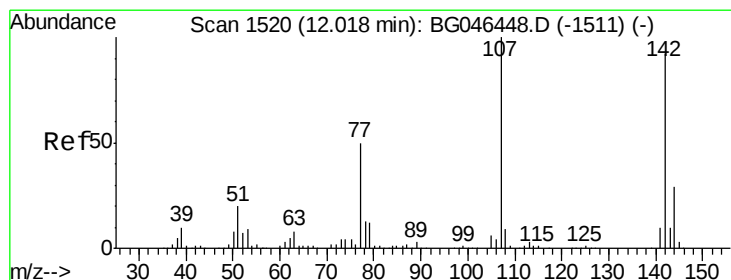
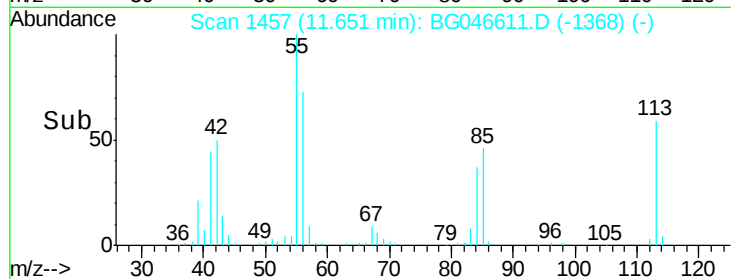
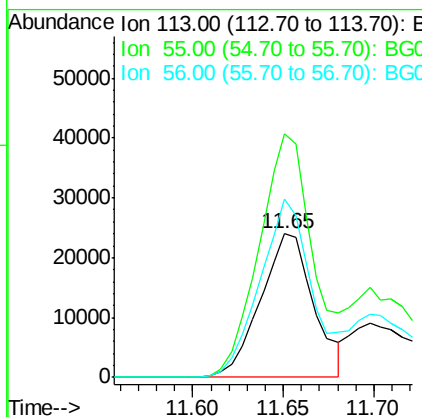
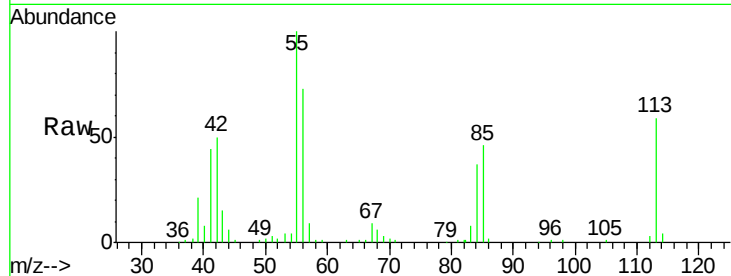




#35
Caprolactam
Concen: 30.390 ng
RT: 11.65 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

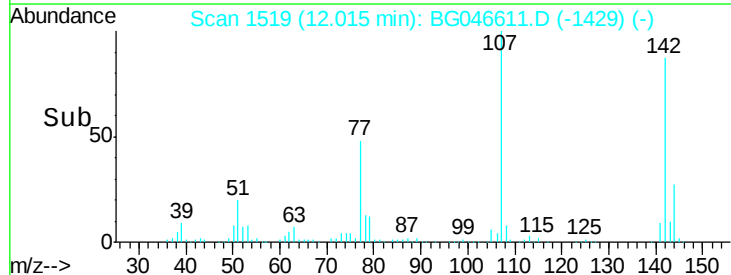
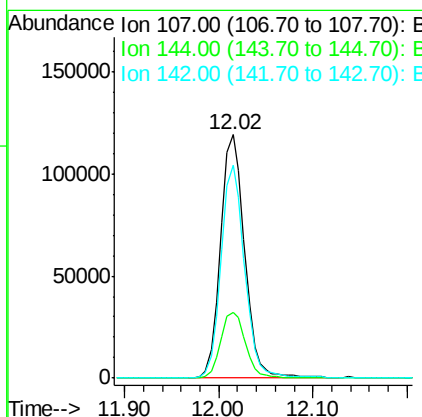
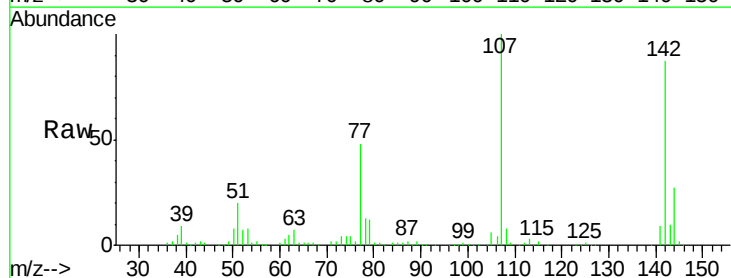
Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

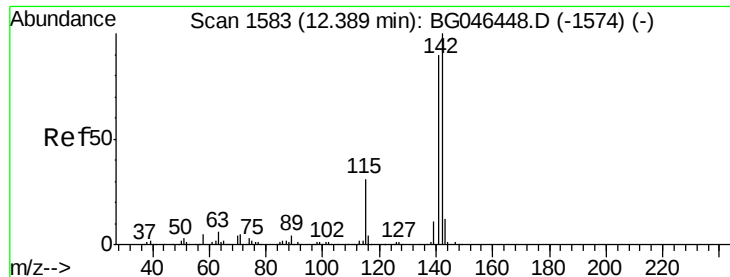
Tot Ion:113 Resp: 48842
Ion Ratio Lower Upper
113 100
55 169.7 144.2 184.2
56 124.0 97.0 137.0



#36
4-Chloro-3-methylphenol
Concen: 50.720 ng
RT: 12.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion:107 Resp: 213290
Ion Ratio Lower Upper
107 100
144 27.2 23.3 34.9
142 87.5 73.7 110.5

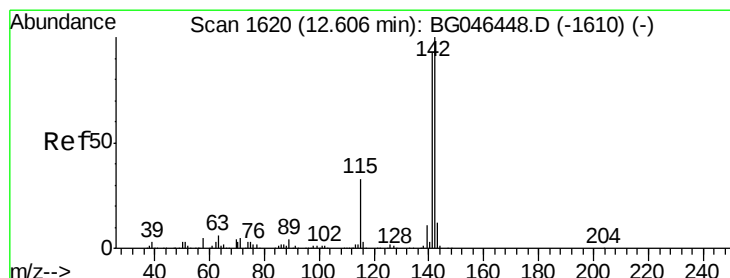
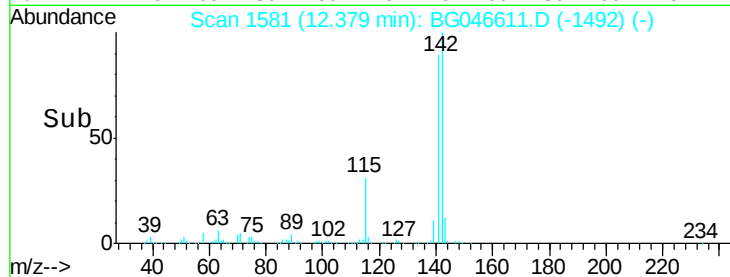
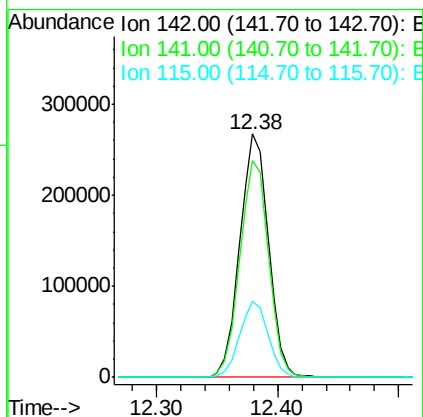
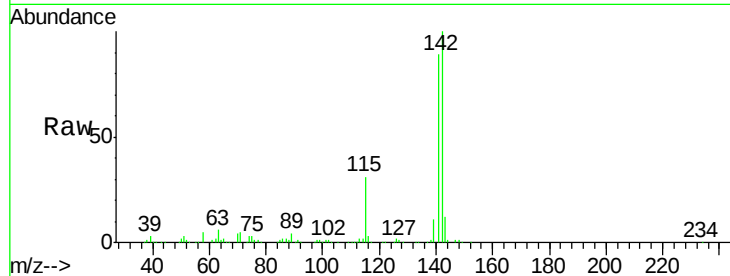




#37
2-Methylnaphthalene
Concen: 44.856 ng
RT: 12.38 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

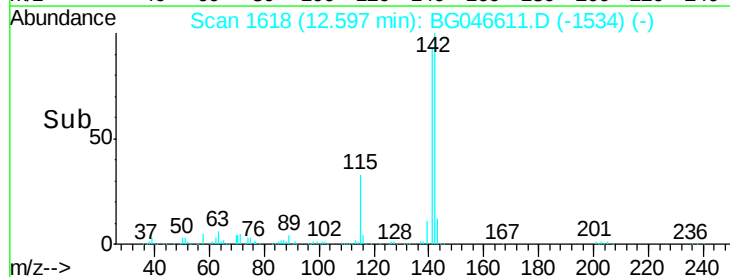
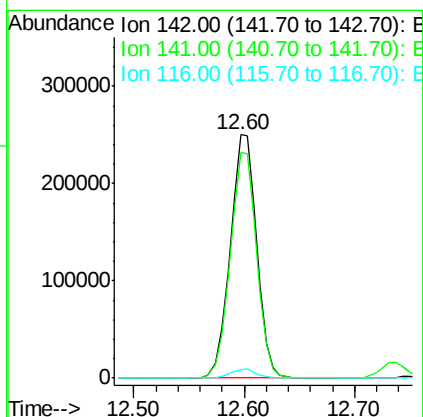
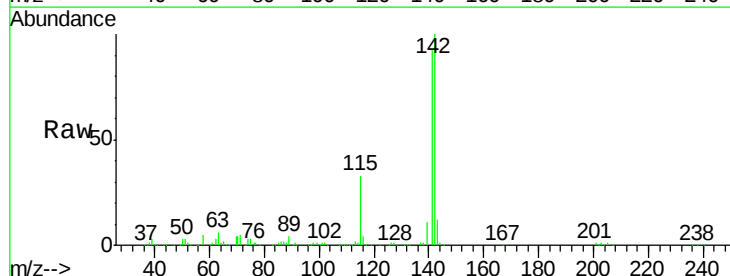
Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

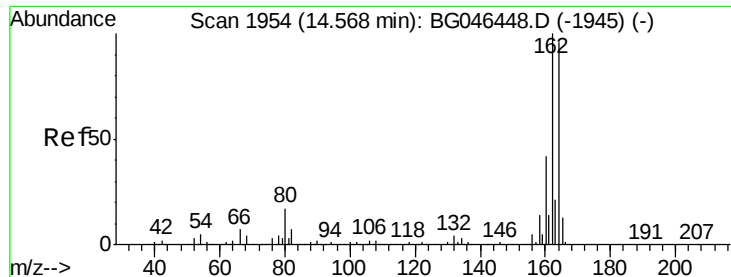
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.1	108.1
115	31.0	24.9	37.3



#38
1-Methylnaphthalene
Concen: 44.685 ng
RT: 12.60 min Scan# 1618
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.7	112.1
116	3.5	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Instrument :

BNA_G

ClientSampleId :

B20-7-9MSD

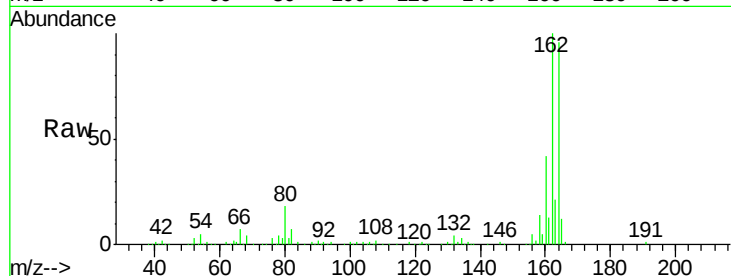
Tot Ion:164 Resp: 194061

Ion Ratio Lower Upper

164 100

162 104.5 83.3 124.9

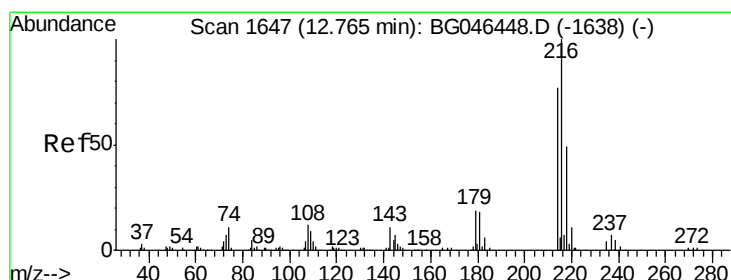
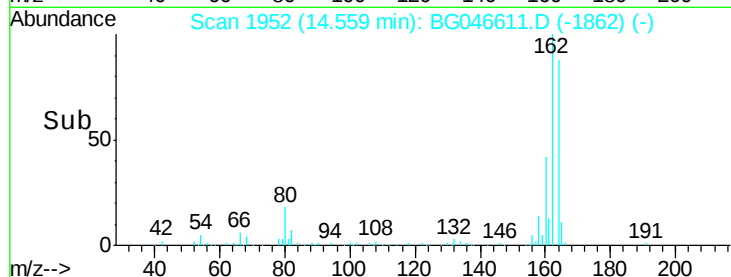
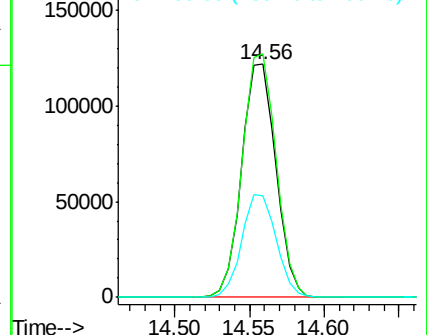
160 43.7 35.0 52.6



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: 41.141 ng

RT: 12.76 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Tgt Ion:216 Resp: 263277

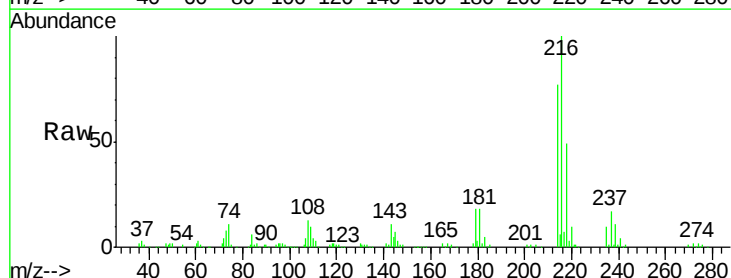
Ion Ratio Lower Upper

216 100

214 77.7 62.1 93.1

179 18.5 14.9 22.3

108 14.5 10.5 15.7

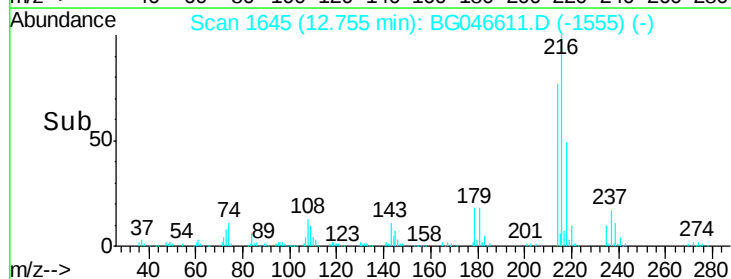
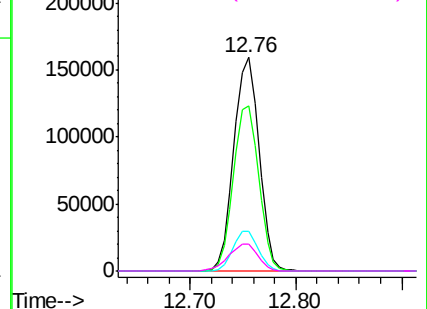


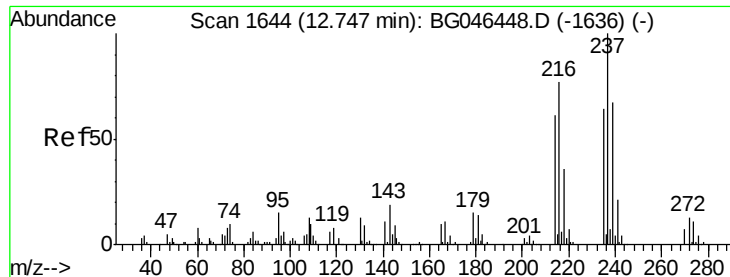
Abundance Ion 216.00 (215.70 to 216.70): E

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: 95.124 ng

RT: 12.74 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Instrument :

BNA_G

ClientSampleId :

B20-7-9MSD

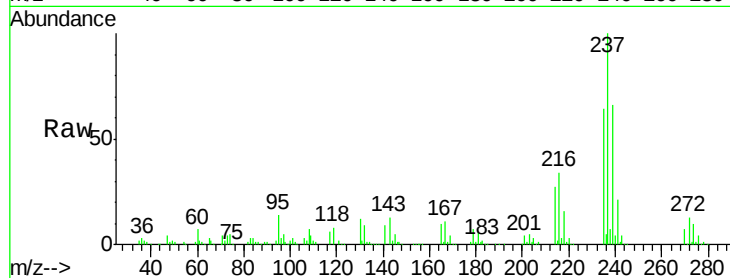
Tot Ion:237 Resp: 264694

Ion Ratio Lower Upper

237 100

235 64.4 44.5 84.5

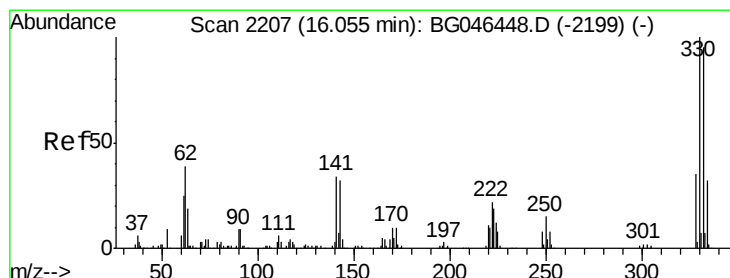
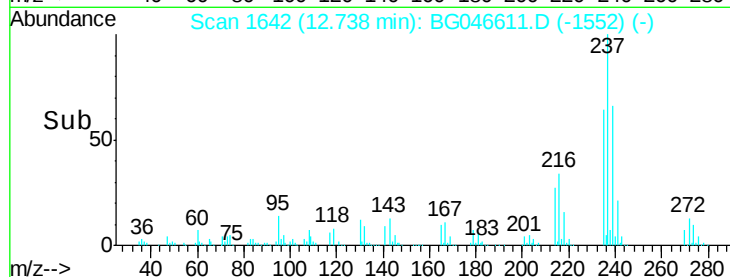
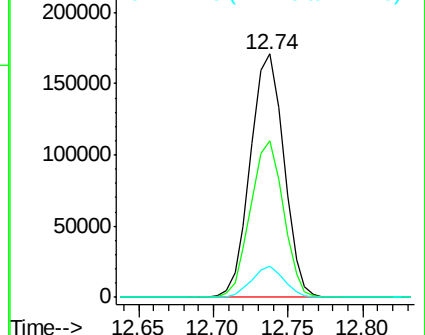
272 12.7 0.0 32.8



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 94.759 ng

RT: 16.05 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

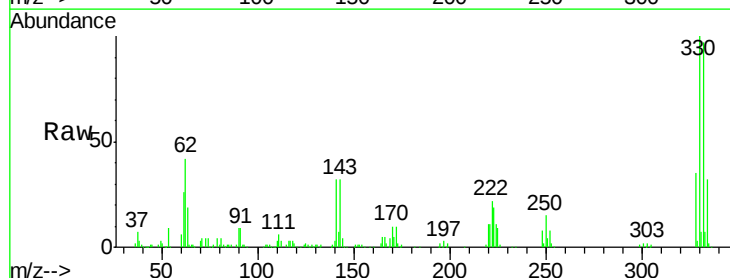
Tgt Ion:330 Resp: 249158

Ion Ratio Lower Upper

330 100

332 96.2 76.1 114.1

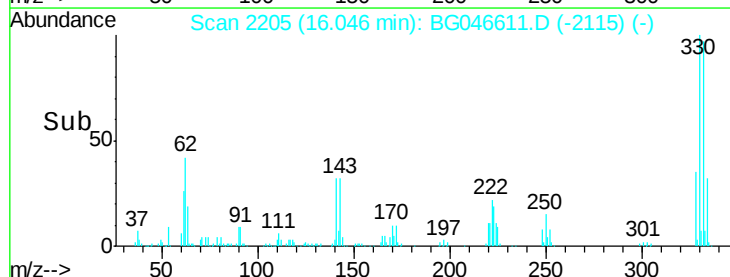
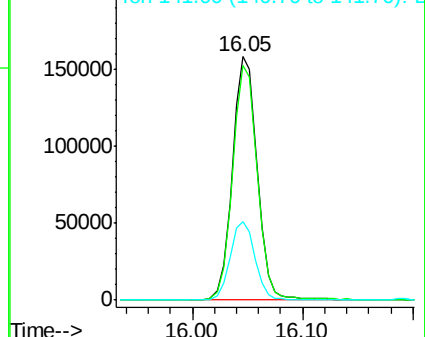
141 32.5 26.1 39.1

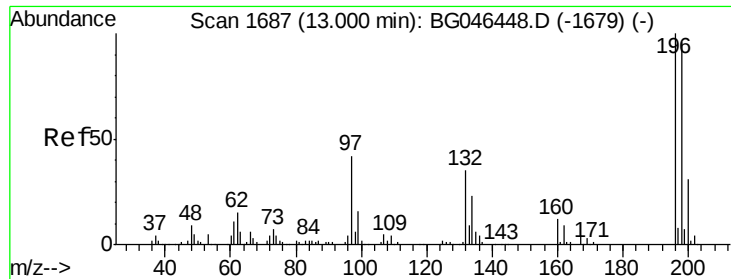


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

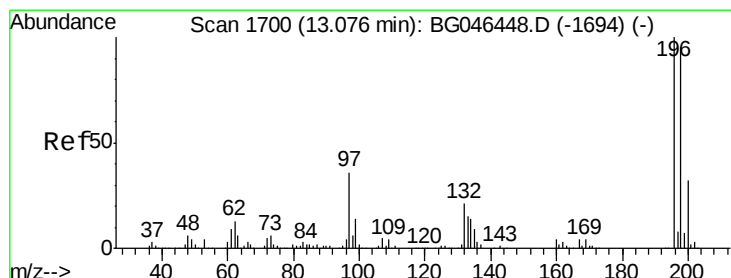
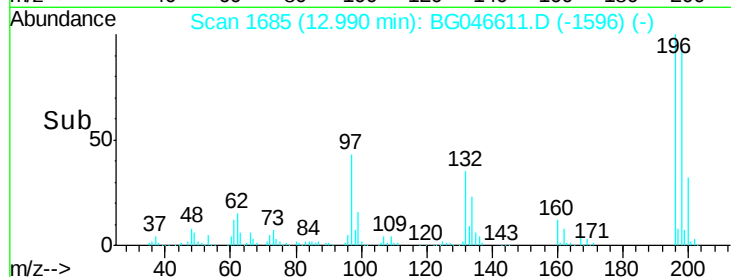
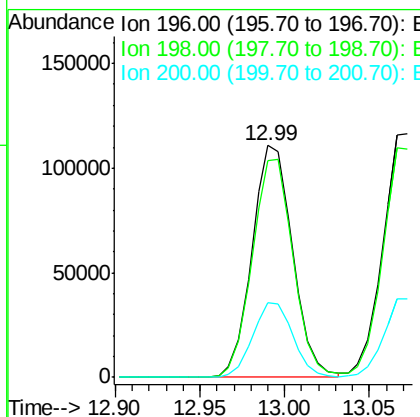
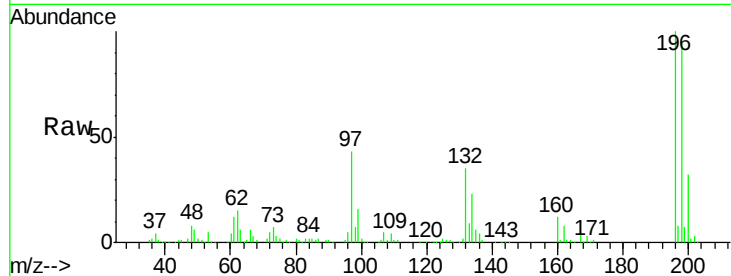




#43
 2,4,6-Trichlorophenol
 Concen: 42.809 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BG046611.D
 Acq: 14 Sep 2020 20:12

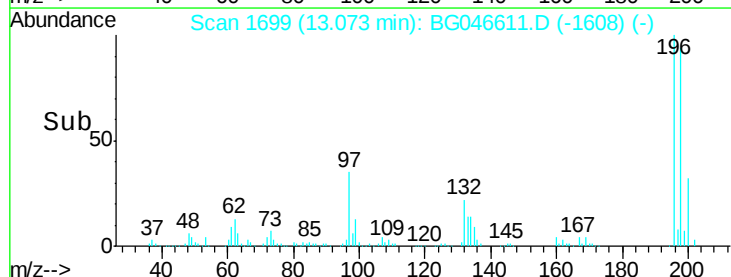
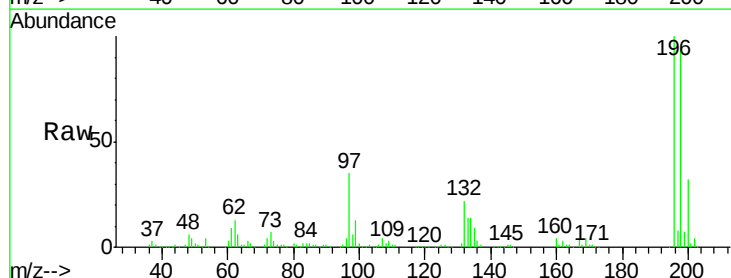
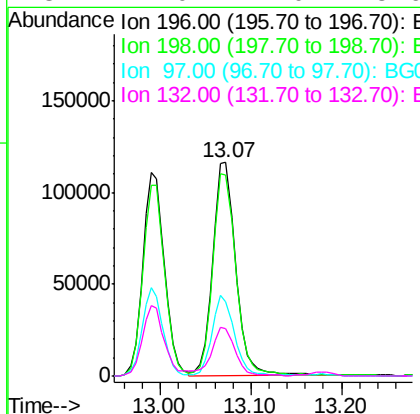
Instrument :
 BNA_G
 ClientSampleId :
 B20-7-9MSD

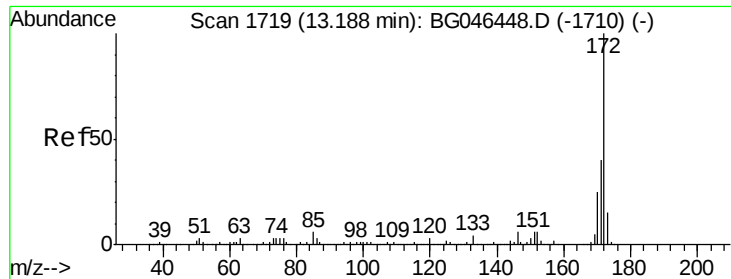
Tot Ion	196	Resp	184870
Ion Ratio	Lower	Upper	
196	100		
198	93.6	77.0	115.6
200	32.0	25.2	37.8



#44
 2,4,5-Trichlorophenol
 Concen: 45.071 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046611.D
 Acq: 14 Sep 2020 20:12

Tgt Ion	196	Resp	204504
Ion Ratio	Lower	Upper	
196	100		
198	93.9	75.6	113.4
97	34.7	28.6	43.0
132	22.0	17.0	25.6

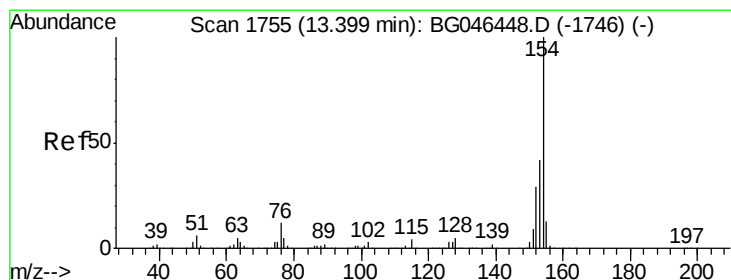
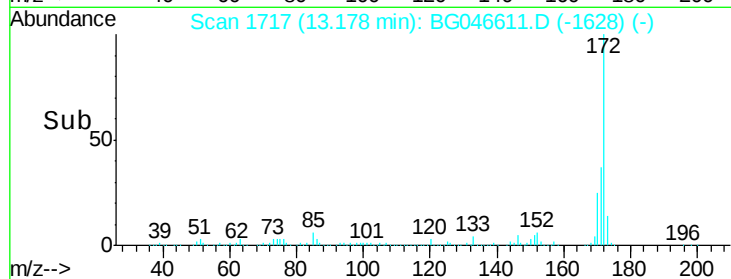
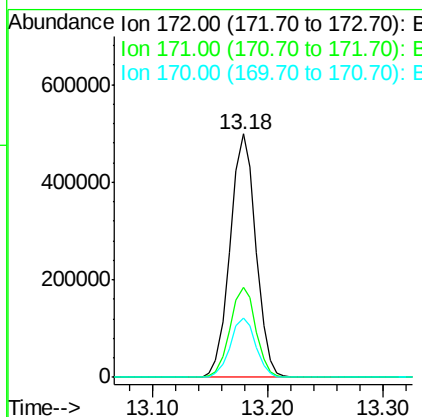
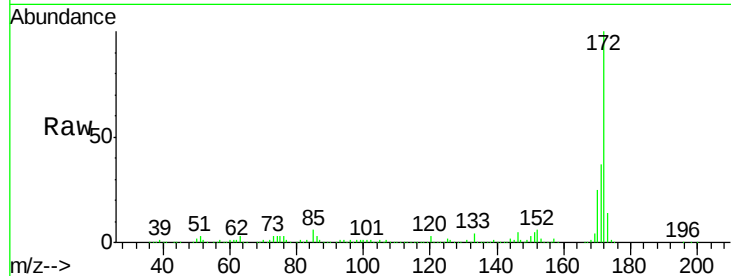




#45
2-Fluorobiphenyl
Concen: 60.379 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

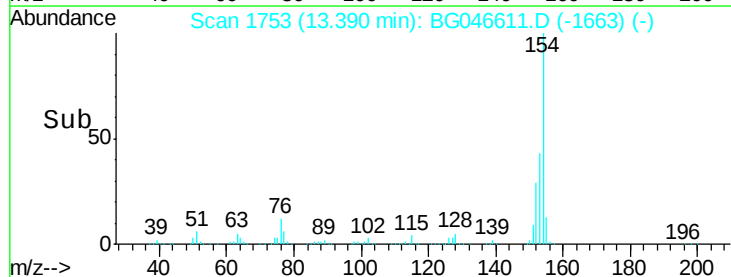
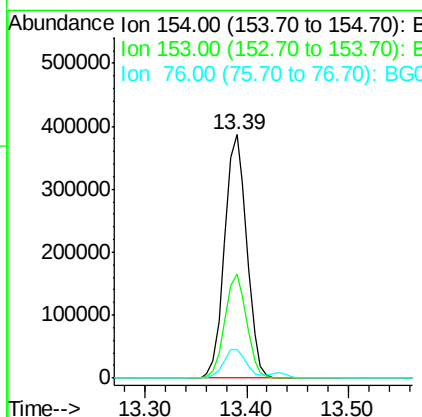
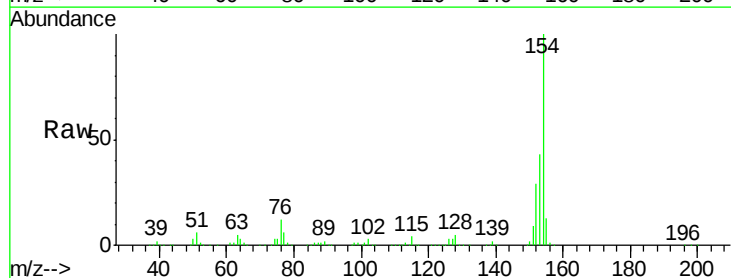
Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

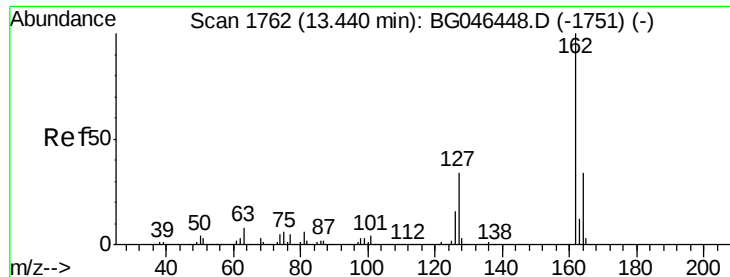
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.8	47.6
170	24.5	20.3	30.5



#46
1,1'-Biphenyl
Concen: 43.363 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.0	62.0
76	11.6	0.0	32.3

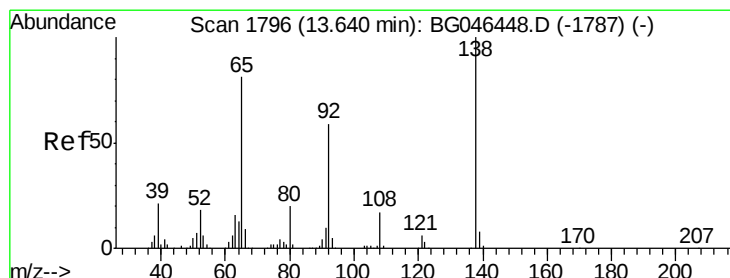
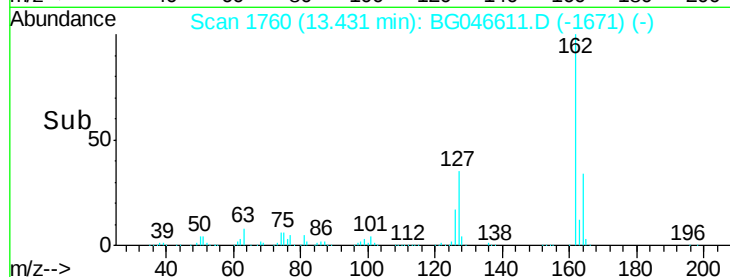
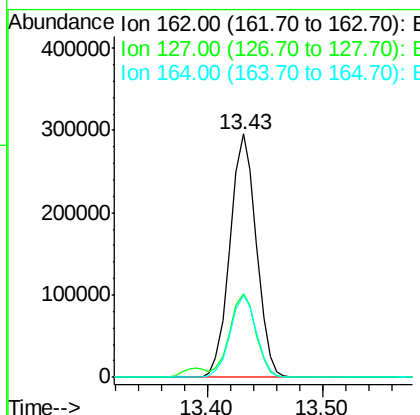
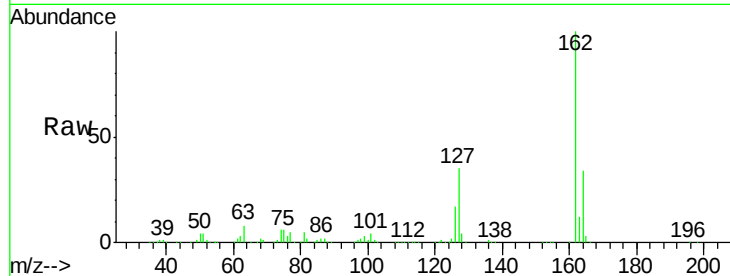




#47
2-Chloronaphthalene
Concen: 40.866 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

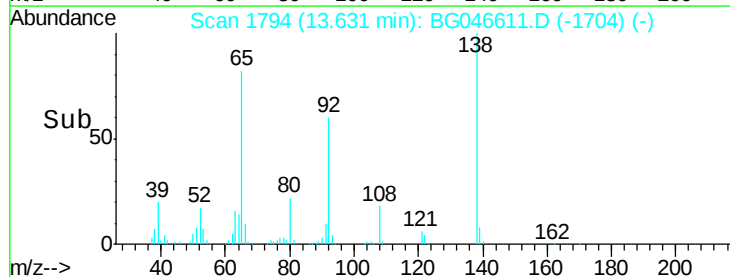
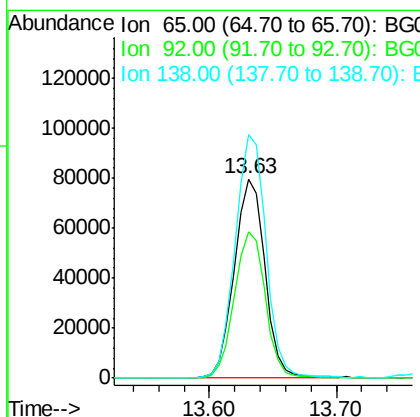
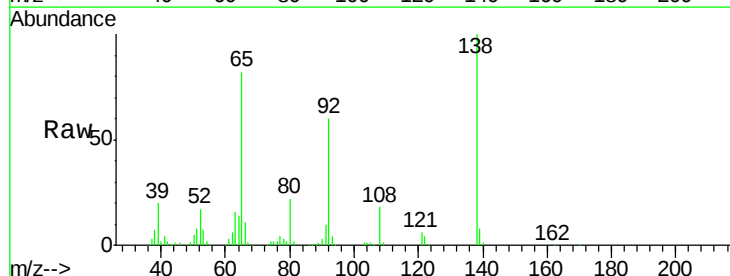
Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

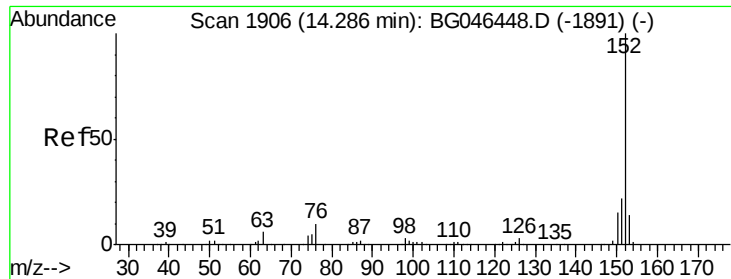
Tot Ion	Ratio	Lower	Upper
162	100		
127	34.6	27.6	41.4
164	33.6	27.3	40.9



#48
2-Nitroaniline
Concen: 42.035 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.6	58.5	87.7
138	122.1	98.4	147.6





#49

Acenaphthylene

Concen: 43.822 ng

RT: 14.28 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Instrument :

BNA_G

ClientSampleId :

B20-7-9MSD

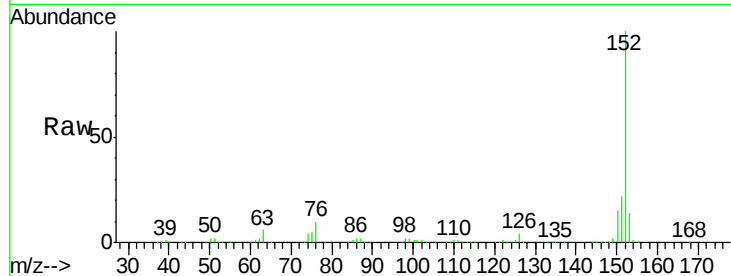
Tot Ion:152 Resp: 760962

Ion Ratio Lower Upper

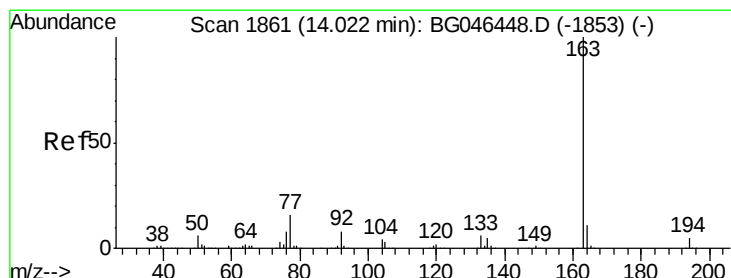
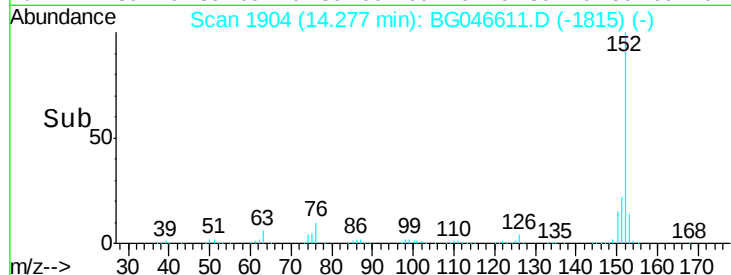
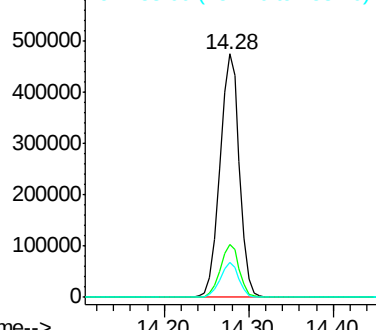
152 100

151 21.9 17.7 26.5

153 14.2 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: 47.449 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

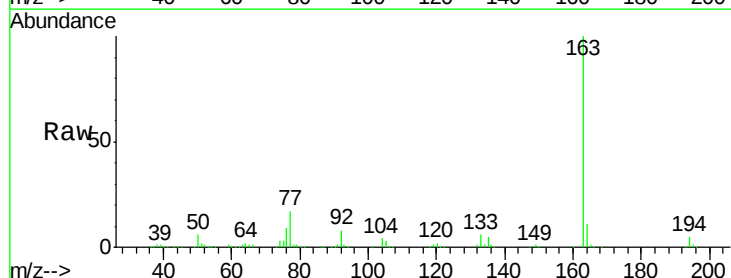
Tgt Ion:163 Resp: 712383

Ion Ratio Lower Upper

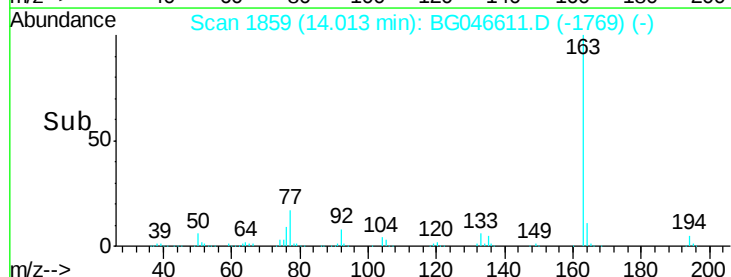
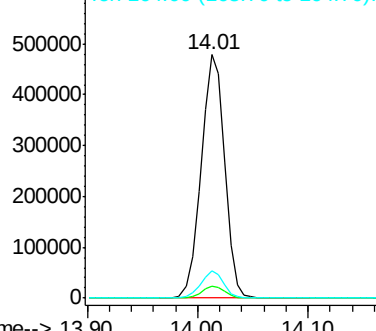
163 100

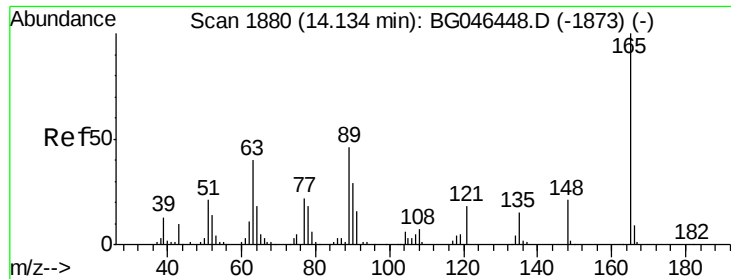
194 4.8 3.7 5.5

164 11.1 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

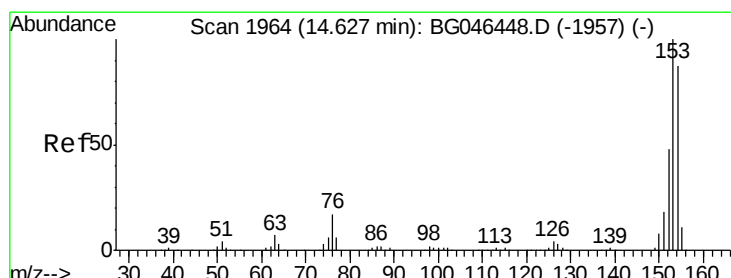
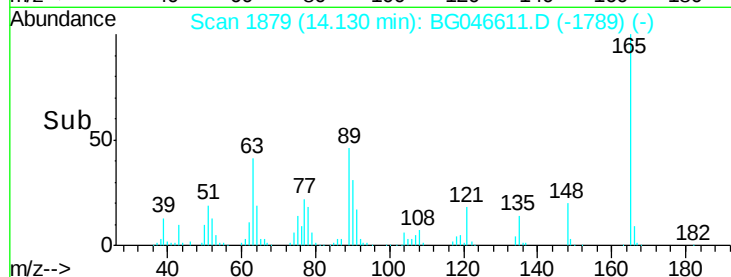
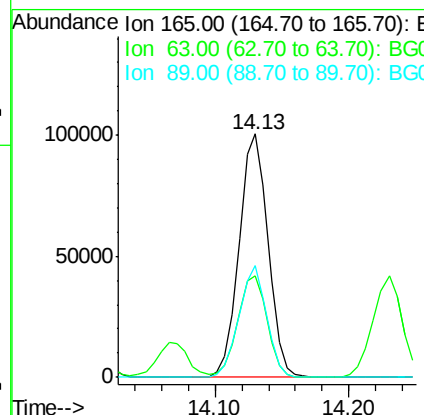
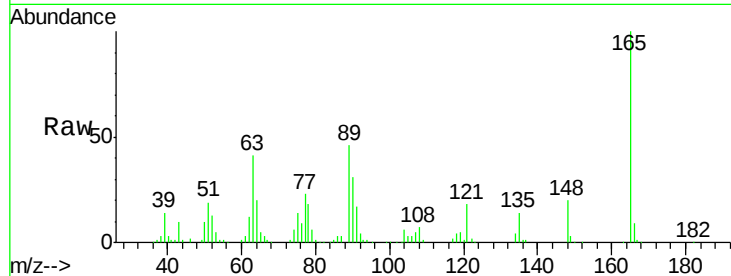




#51
 2,6-Dinitrotoluene
 Concen: 45.557 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.00 min
 Lab File: BG046611.D
 Acq: 14 Sep 2020 20:12

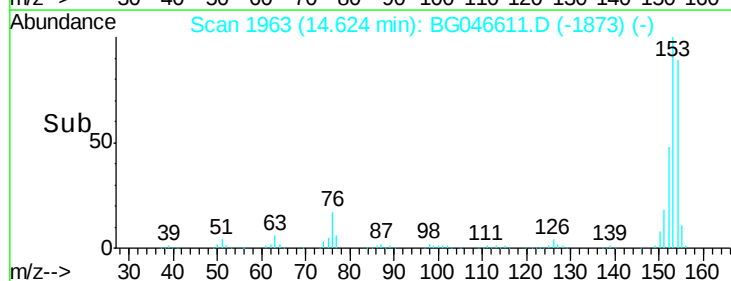
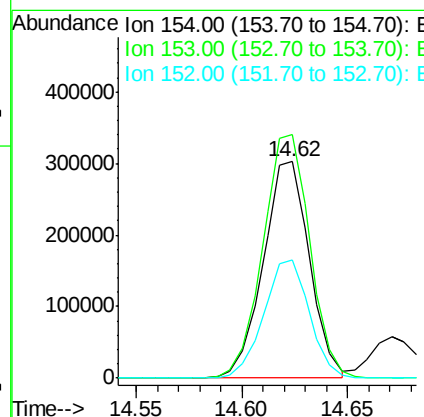
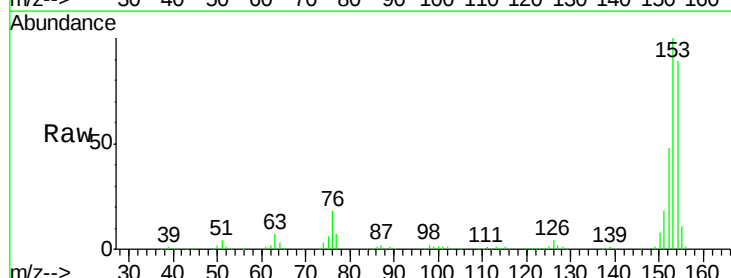
Instrument :
 BNA_G
 ClientSampleId :
 B20-7-9MSD

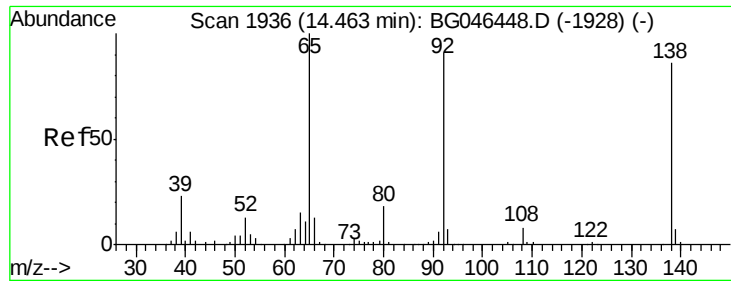
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.5	34.2	51.4
89	46.1	37.0	55.4



#52
 Acenaphthene
 Concen: 42.750 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: BG046611.D
 Acq: 14 Sep 2020 20:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	91.9	137.9
152	54.4	43.8	65.6





#53

3-Nitroaniline

Concen: 23.309 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Instrument :

BNA_G

ClientSampleId :

B20-7-9MSD

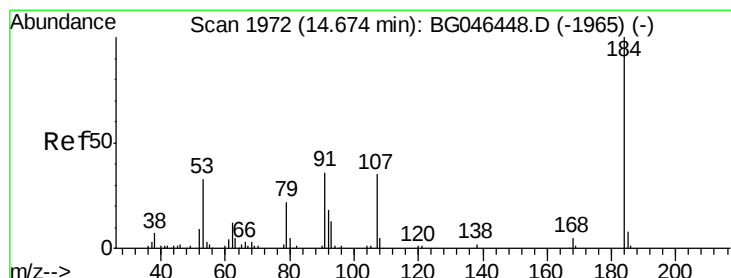
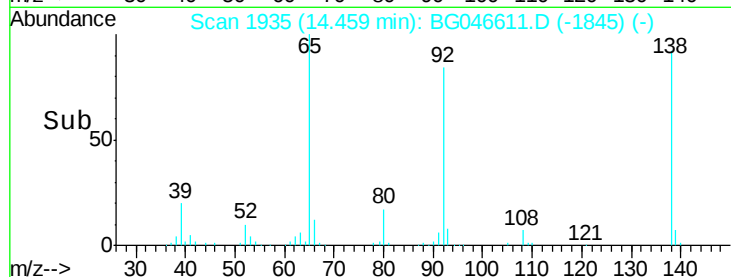
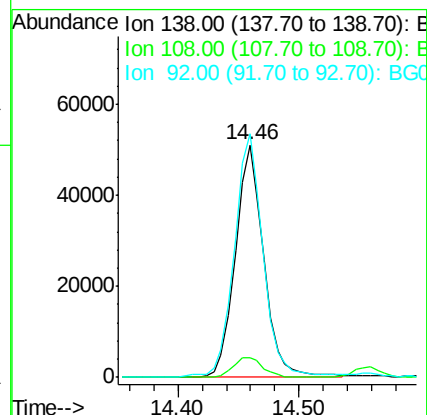
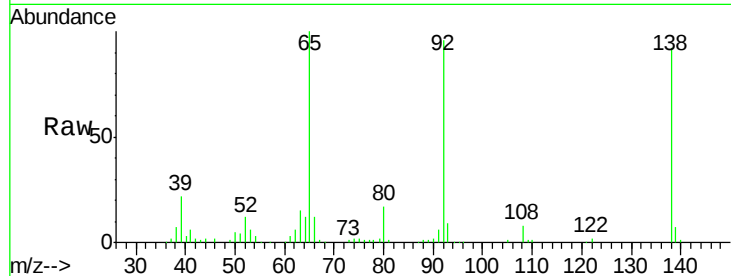
Tot Ion:138 Resp: 83559

Ion Ratio Lower Upper

138 100

108 8.3 7.0 10.6

92 104.7 84.6 127.0



#54

2,4-Dinitrophenol

Concen: 94.545 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

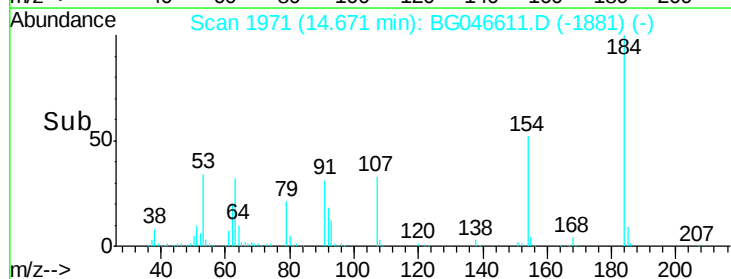
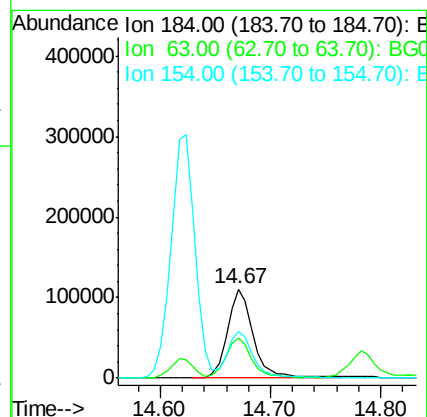
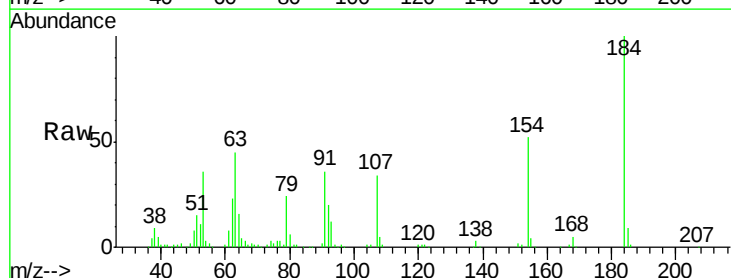
Tgt Ion:184 Resp: 182640

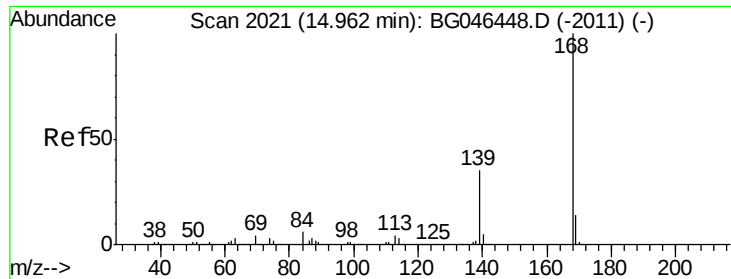
Ion Ratio Lower Upper

184 100

63 45.2 35.6 53.4

154 52.0 44.3 66.5





#55

Dibenzofuran

Concen: 43.733 ng

RT: 14.96 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Instrument :

BNA_G

ClientSampleId :

B20-7-9MSD

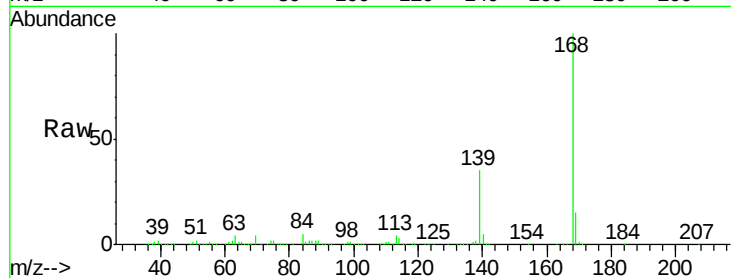
Tot Ion:168 Resp: 755244

Ion Ratio Lower Upper

168 100

139 34.9 28.1 42.1

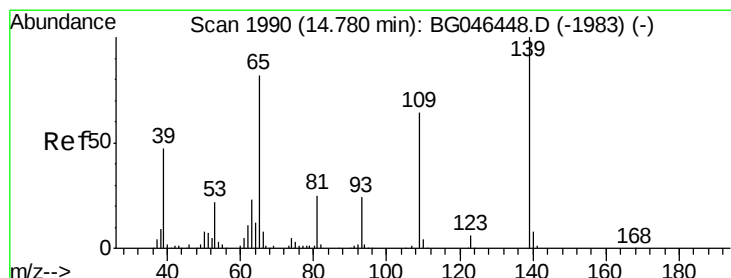
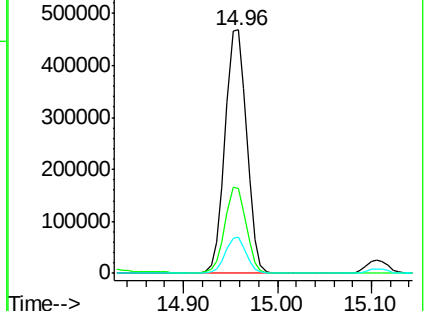
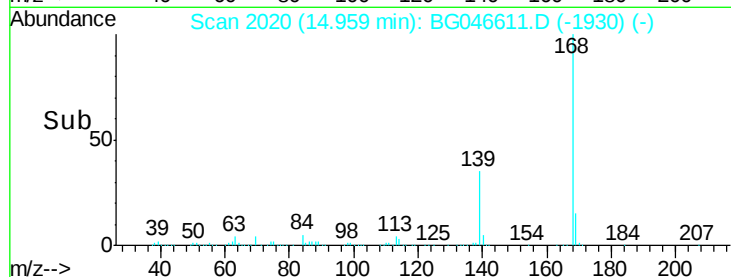
169 14.7 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 92.143 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

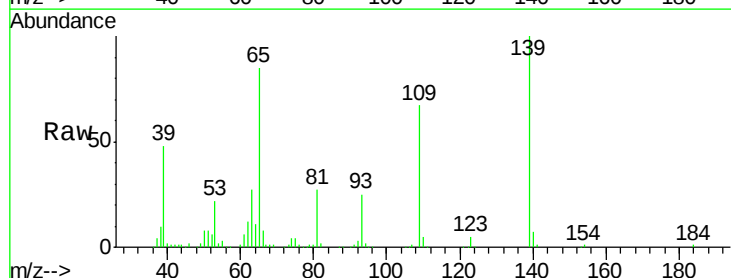
Tgt Ion:139 Resp: 243101

Ion Ratio Lower Upper

139 100

109 66.9 44.3 84.3

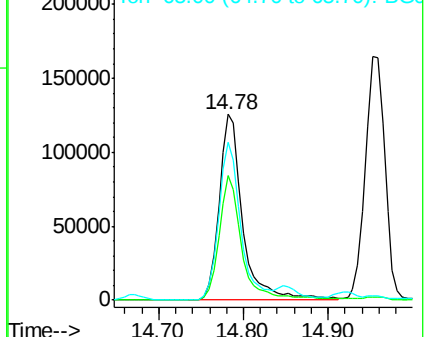
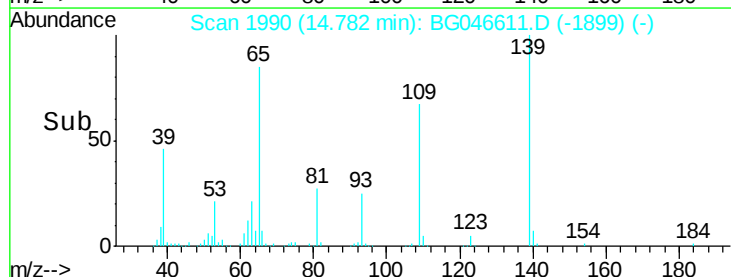
65 84.8 61.5 101.5

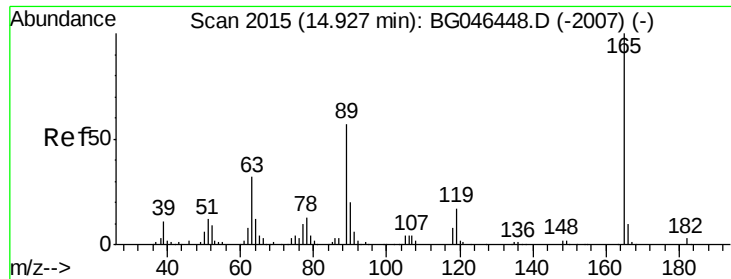


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO

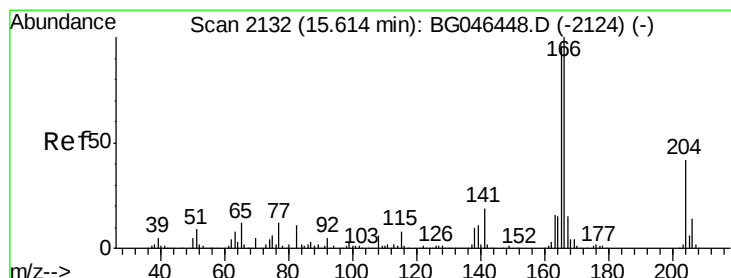
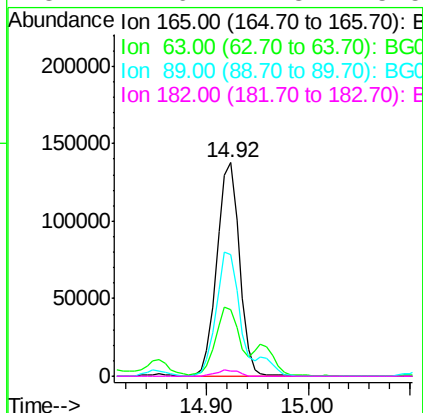
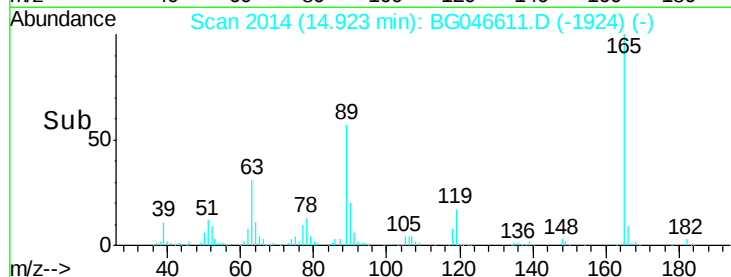
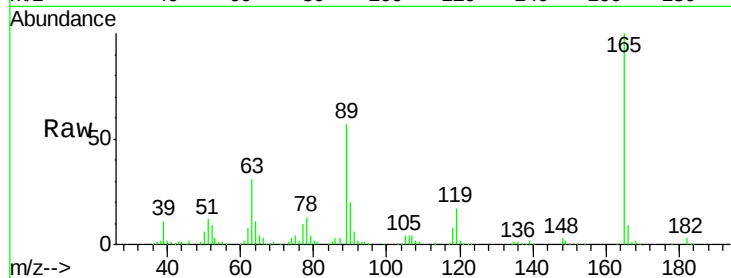




#57
 2,4-Dinitrotoluene
 Concen: 45.185 ng
 RT: 14.92 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BG046611.D
 Acq: 14 Sep 2020 20:12

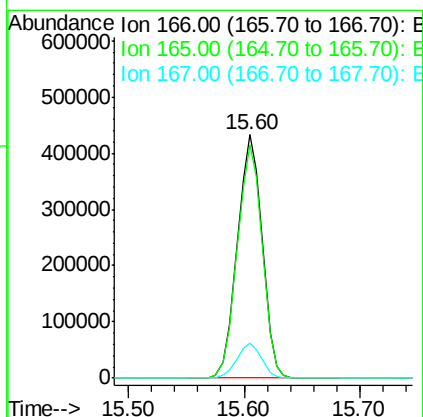
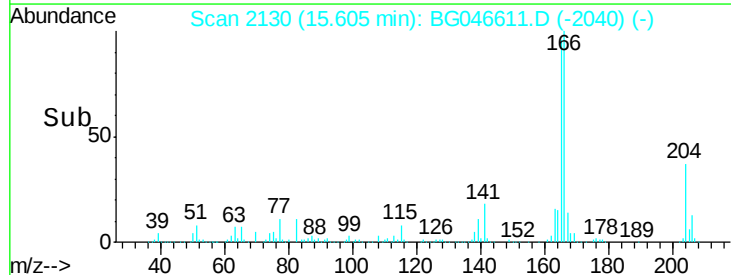
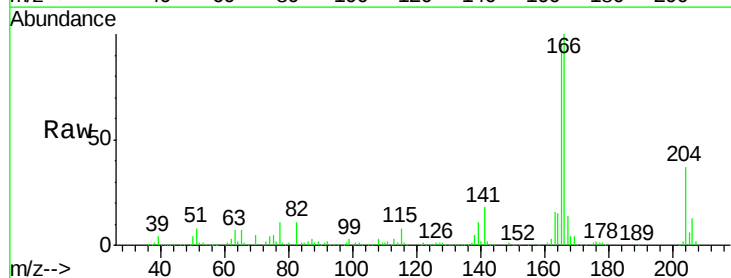
Instrument :
 BNA_G
 ClientSampleId :
 B20-7-9MSD

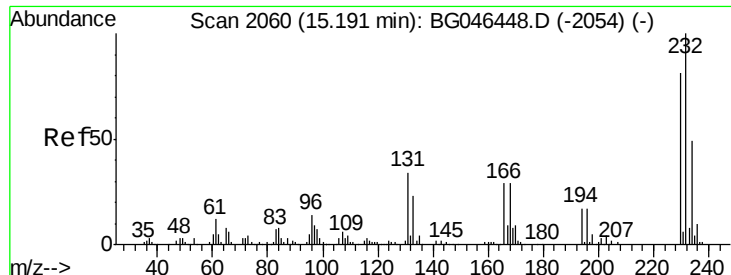
Tot Ion:165	Resp:	213226
Ion	Ratio	Lower Upper
165	100	
63	31.5	25.4 38.0
89	56.8	45.9 68.9
182	2.6	2.3 3.5



#58
 Fluorene
 Concen: 44.327 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BG046611.D
 Acq: 14 Sep 2020 20:12

Tgt Ion:166	Resp:	642478
Ion	Ratio	Lower Upper
166	100	
165	95.6	77.0 115.4
167	14.3	11.8 17.6

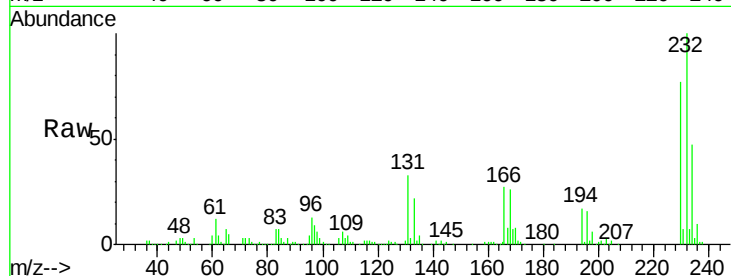




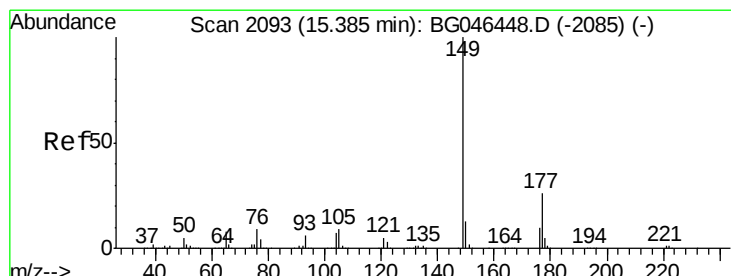
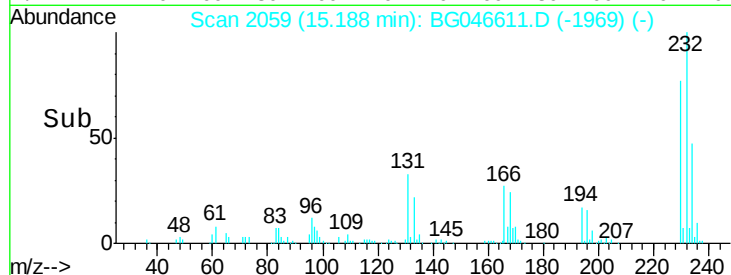
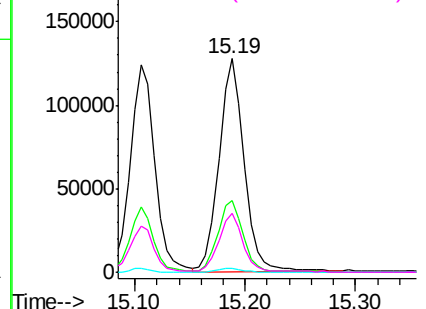
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.140 ng
 RT: 15.19 min Scan# 2059
 Delta R.T. -0.00 min
 Lab File: BG046611.D
 Acq: 14 Sep 2020 20:12

Instrument :
 BNA_G
 ClientSampleId :
 B20-7-9MSD

Tot Ion:	232	Resp:	198889
Ion	Ratio	Lower	Upper
232	100		
131	34.0	26.8	40.2
130	1.9	1.4	2.2
166	27.6	22.8	34.2

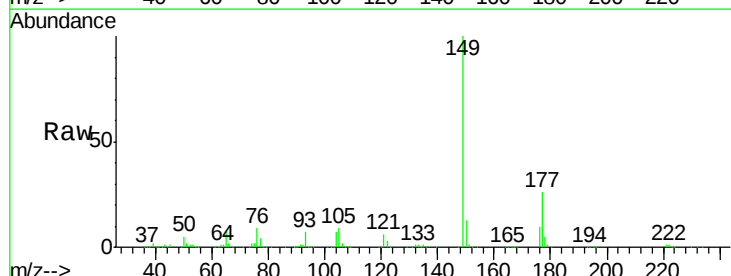


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

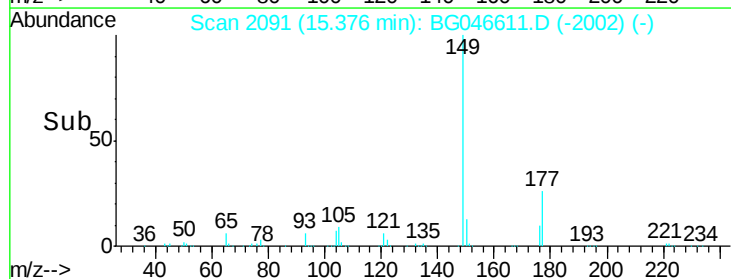
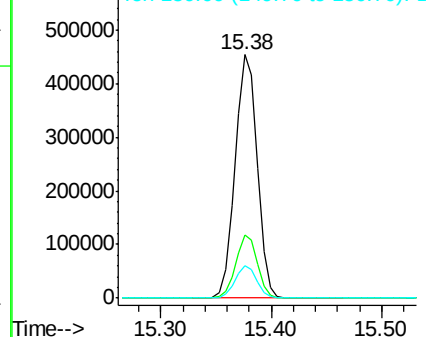


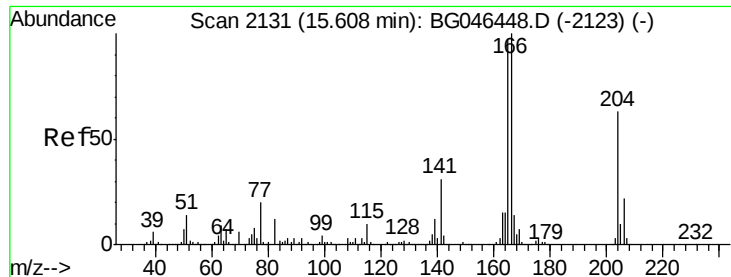
#60
 Diethylphthalate
 Concen: 43.548 ng
 RT: 15.38 min Scan# 2091
 Delta R.T. -0.01 min
 Lab File: BG046611.D
 Acq: 14 Sep 2020 20:12

Tgt Ion:	149	Resp:	637456
Ion	Ratio	Lower	Upper
149	100		
177	25.9	20.6	30.8
150	13.2	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: 42.686 ng

RT: 15.60 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Instrument :

BNA_G

ClientSampleId :

B20-7-9MSD

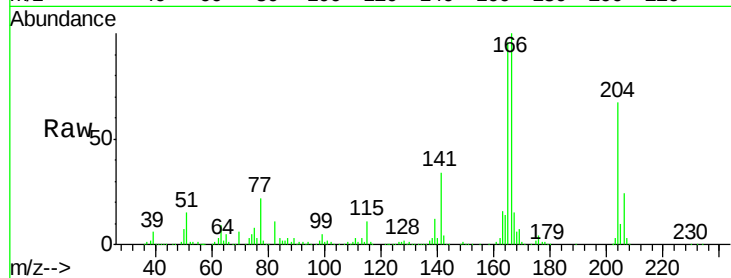
Tot Ion:204 Resp: 340738

Ion Ratio Lower Upper

204 100

206 35.4 27.7 41.5

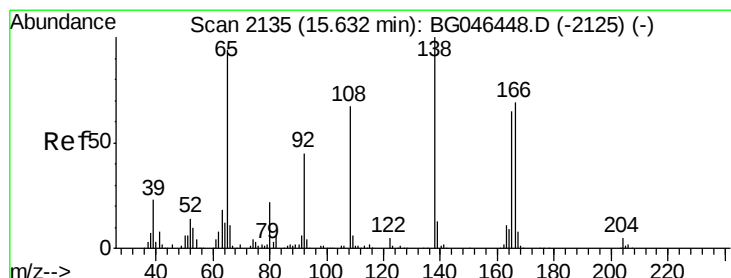
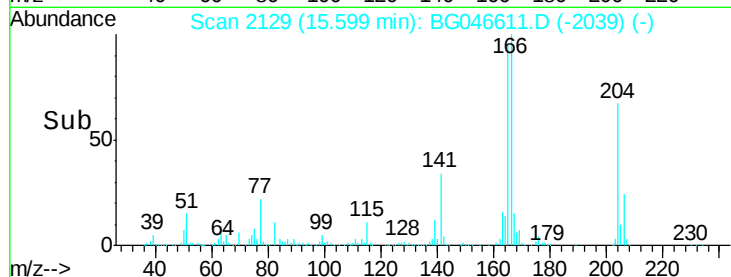
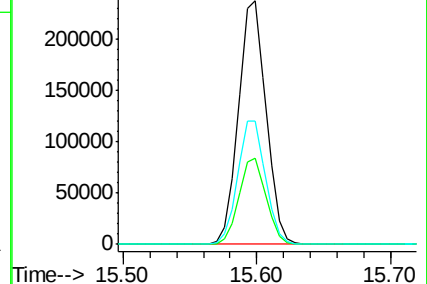
141 50.6 38.7 58.1



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 40.614 ng

RT: 15.62 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

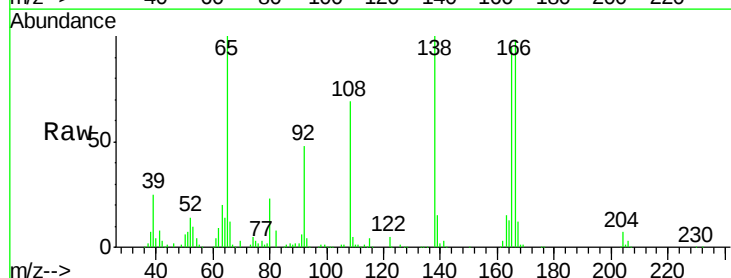
Tgt Ion:138 Resp: 153624

Ion Ratio Lower Upper

138 100

92 48.2 25.3 65.3

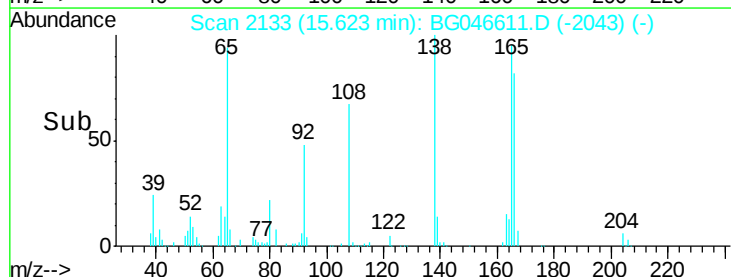
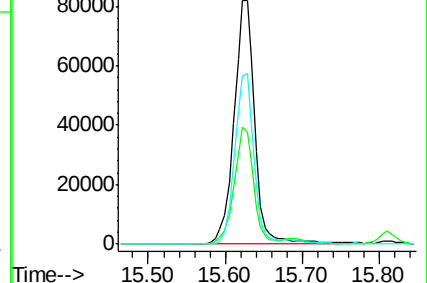
108 68.9 46.7 86.7

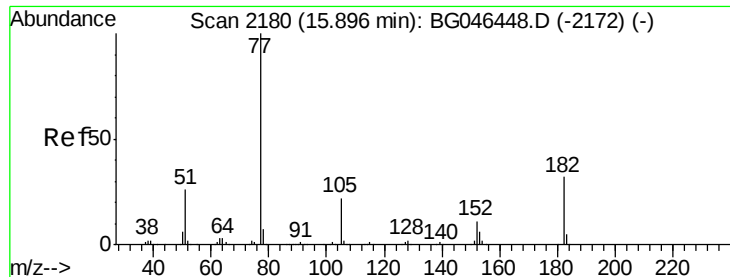


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

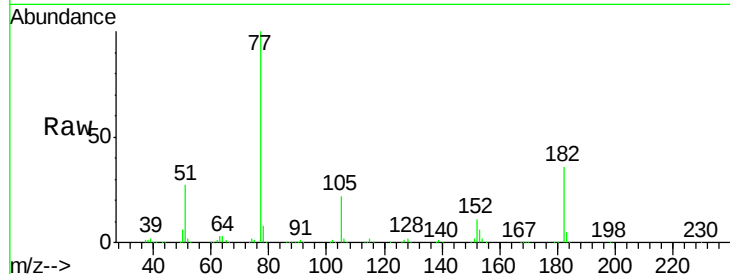




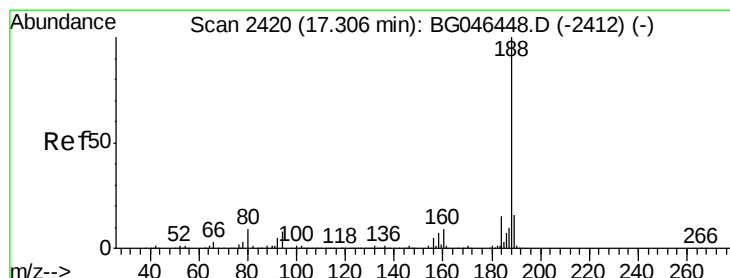
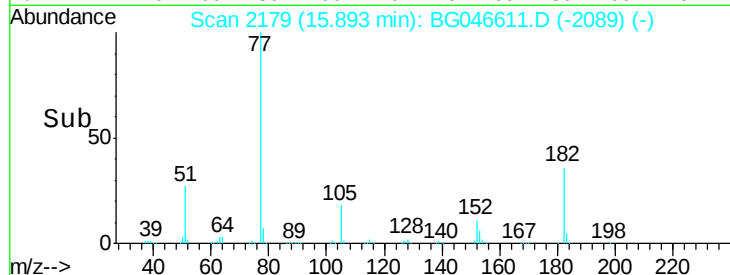
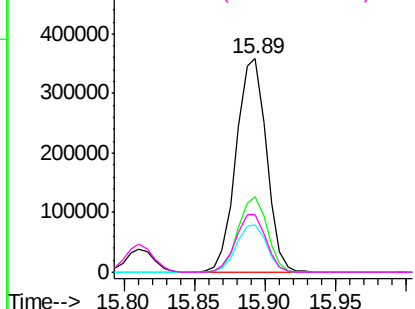
#63
Azobenzene
Concen: 44.877 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Instrument :
BNA_G
ClientSampled :
B20-7-9MSD

Tot Ion:	77	Resp:	534364
Ion	Ratio	Lower	Upper
77	100		
182	35.6	12.3	52.3
105	22.3	2.3	42.3
51	27.1	6.5	46.5

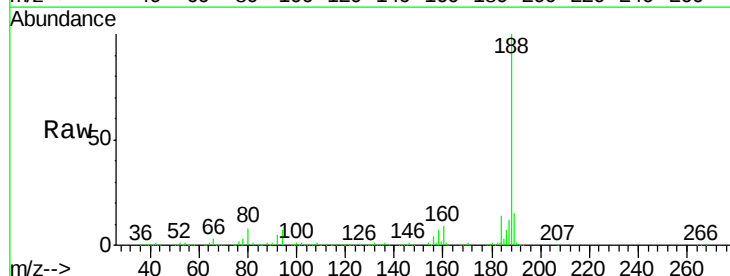


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

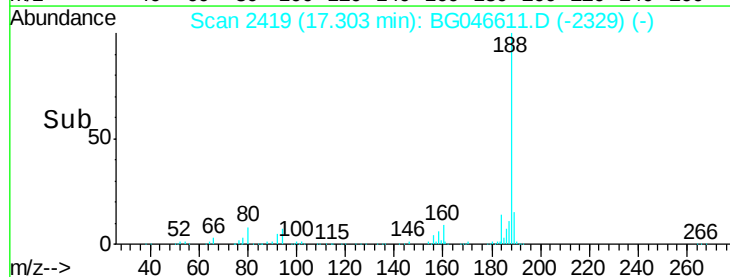
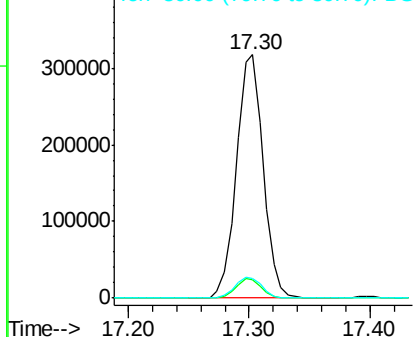


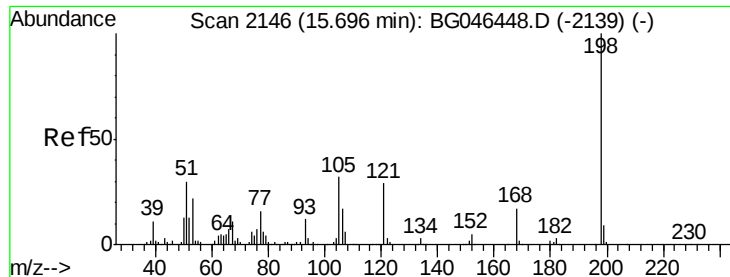
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion:	188	Resp:	489439
Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.3	9.5
80	8.3	6.9	10.3



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

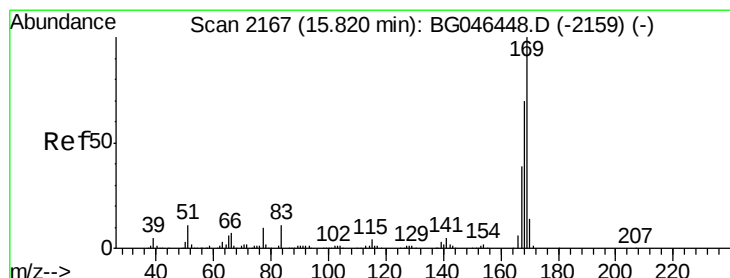
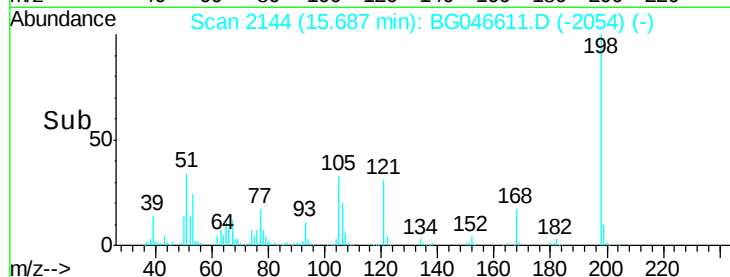
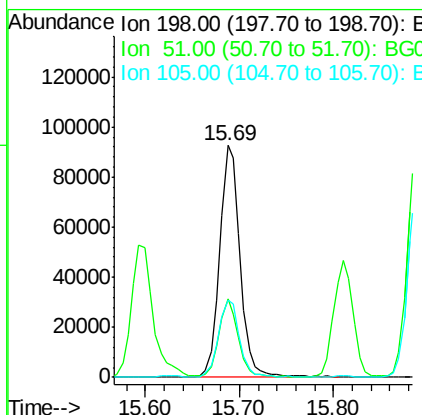
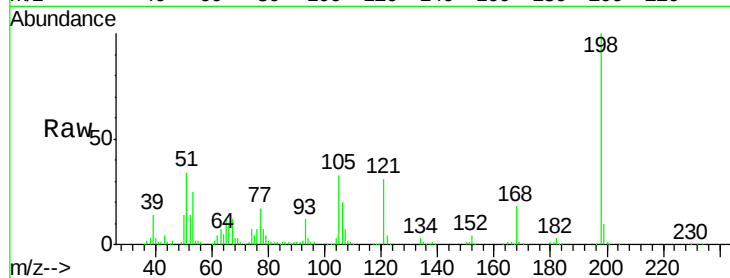




#65
4,6-Dinitro-2-methylphenol
Concen: 51.037 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

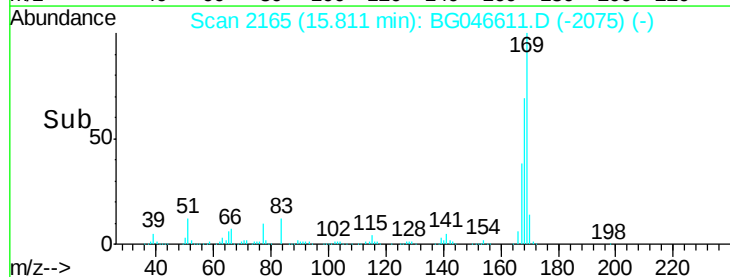
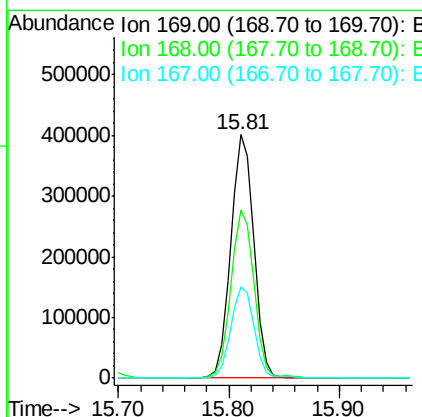
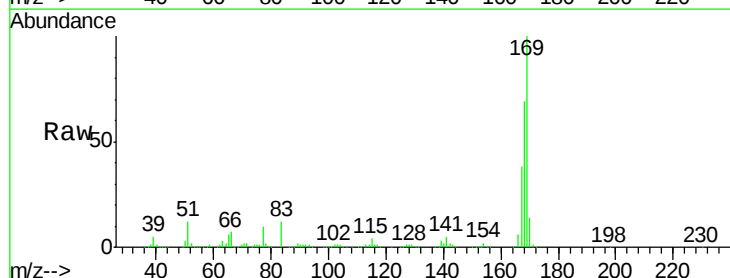
Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

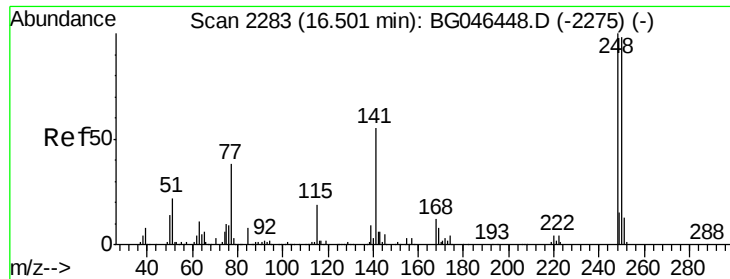
Tot Ion:198 Resp: 141384
Ion Ratio Lower Upper
198 100
51 33.7 10.4 50.4
105 33.5 12.4 52.4



#66
n-Nitrosodiphenylamine
Concen: 44.529 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion:169 Resp: 587959
Ion Ratio Lower Upper
169 100
168 69.2 55.8 83.8
167 37.6 31.0 46.6

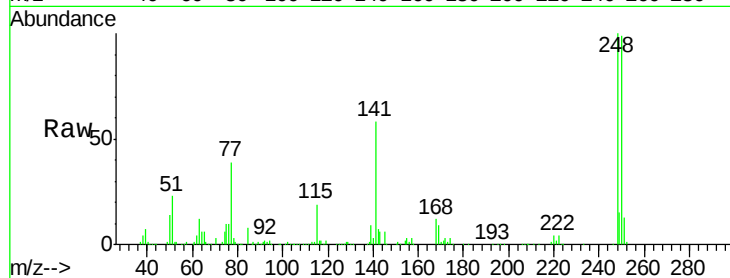




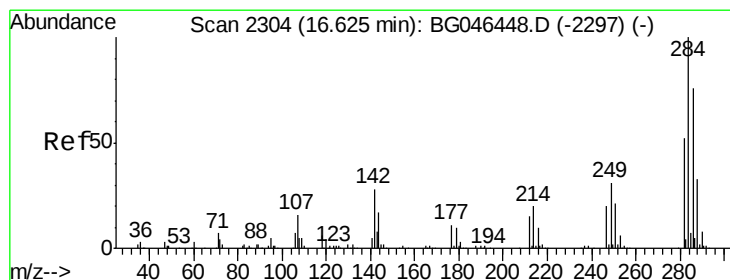
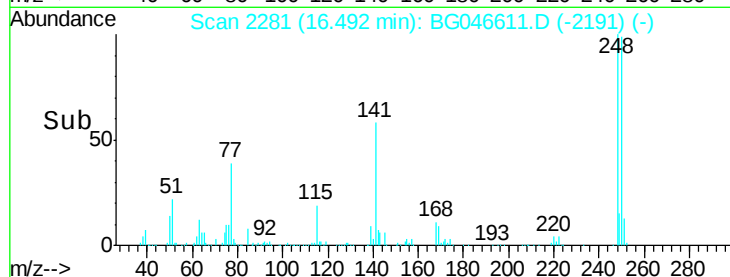
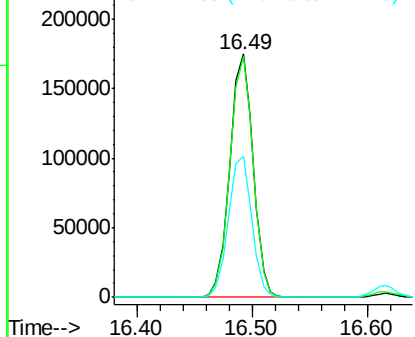
#67
4-Bromophenyl-phenylether
Concen: 42.756 ng
RT: 16.49 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	78.6	118.0
141	58.0	43.9	65.9

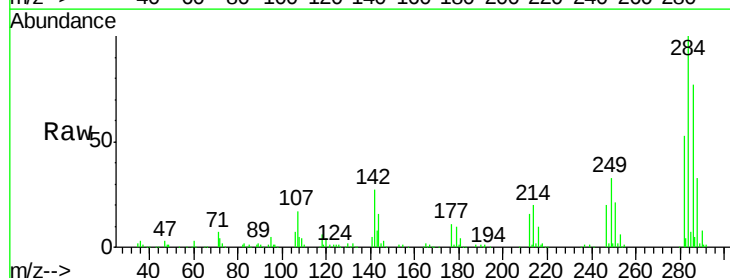


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

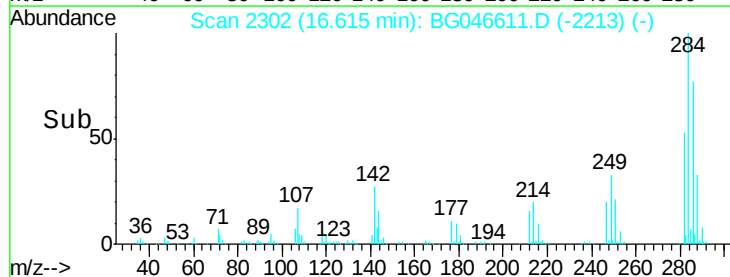
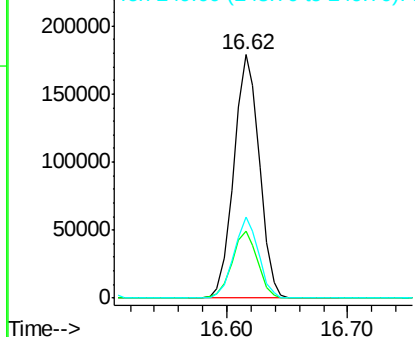


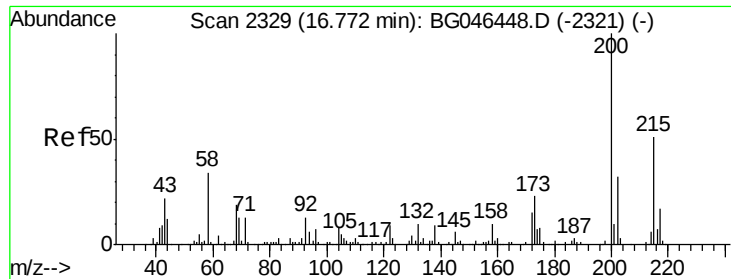
#68
Hexachlorobenzene
Concen: 41.620 ng
RT: 16.62 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.5	22.3	33.5
249	33.1	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: 35.396 ng

RT: 16.76 min Scan# 2327

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Instrument :

BNA_G

ClientSampleId :

B20-7-9MSD

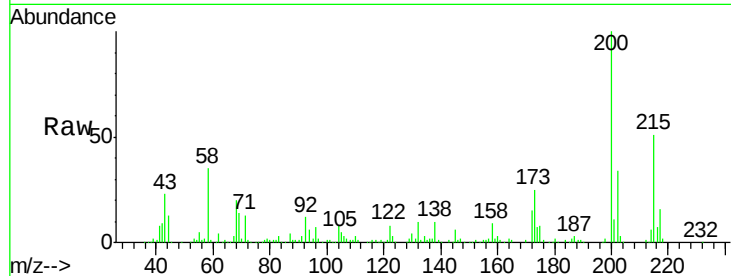
Tot Ion:200 Resp: 190667

Ion Ratio Lower Upper

200 100

173 24.8 3.3 43.3

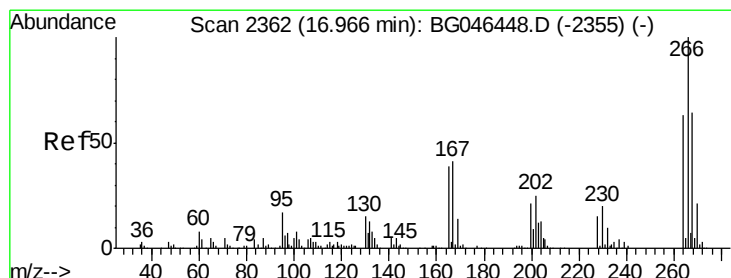
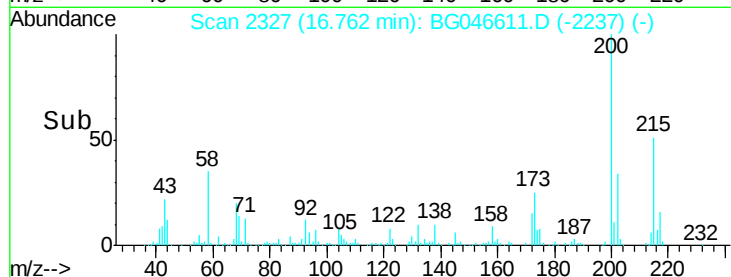
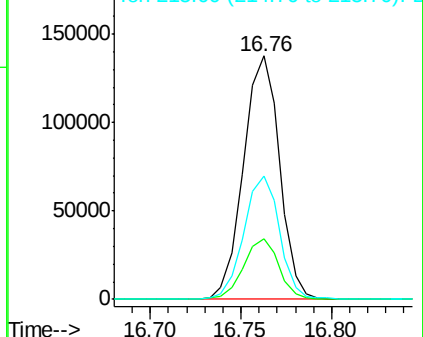
215 50.7 30.9 70.9



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: 89.528 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

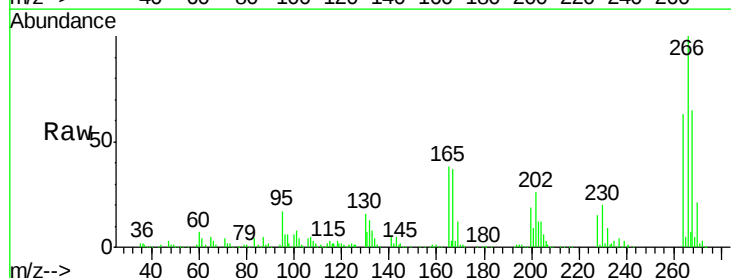
Tgt Ion:266 Resp: 295811

Ion Ratio Lower Upper

266 100

268 65.0 51.1 76.7

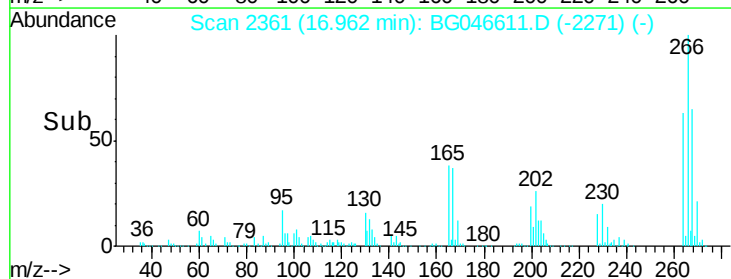
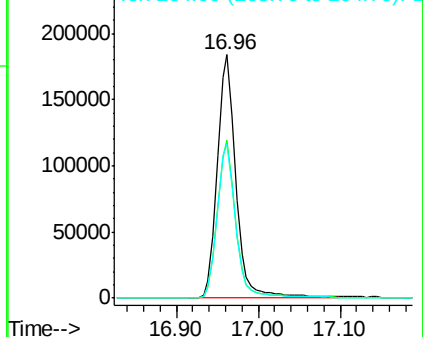
264 63.4 50.2 75.2

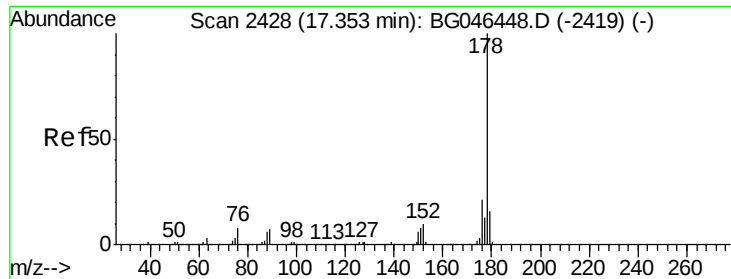


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

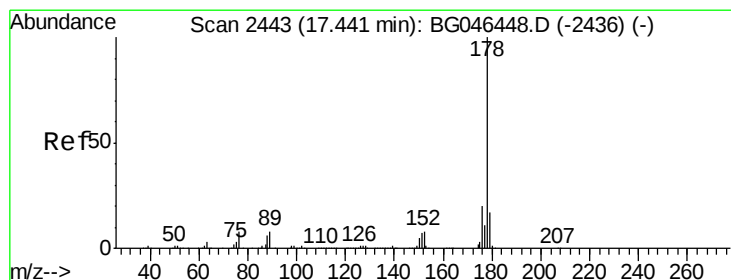
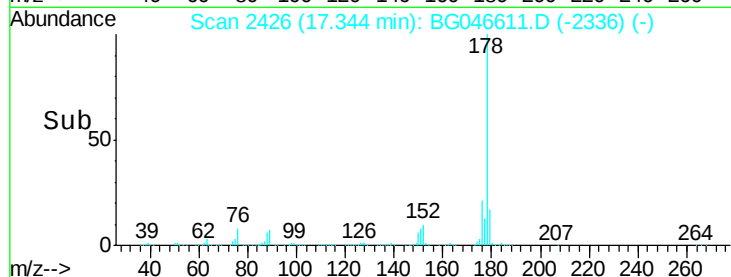
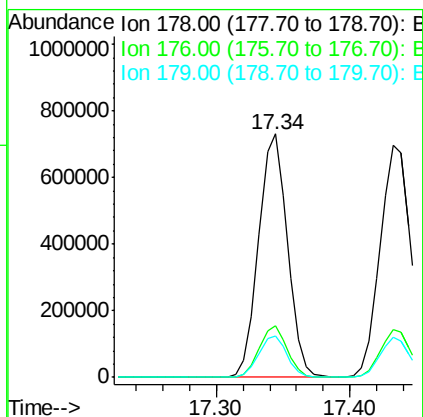
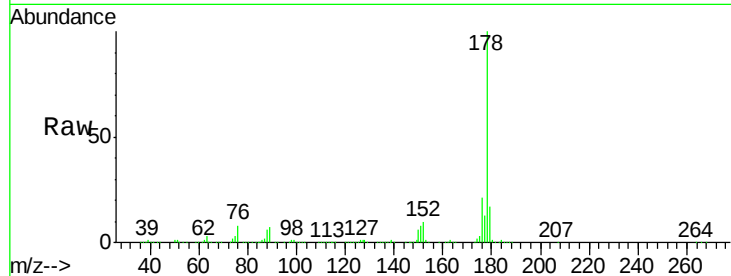




#71
Phenanthrene
Concen: 43.949 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

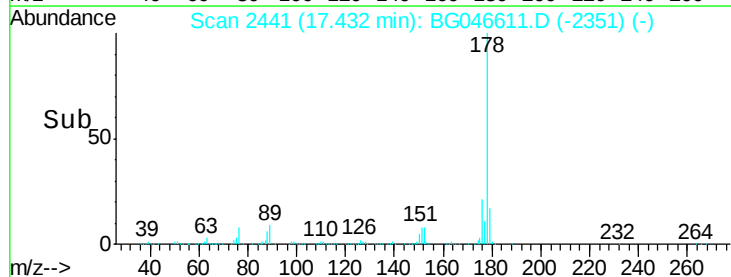
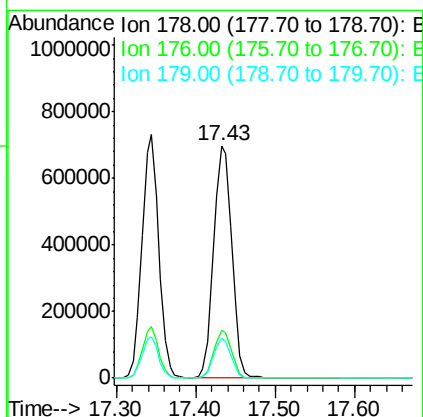
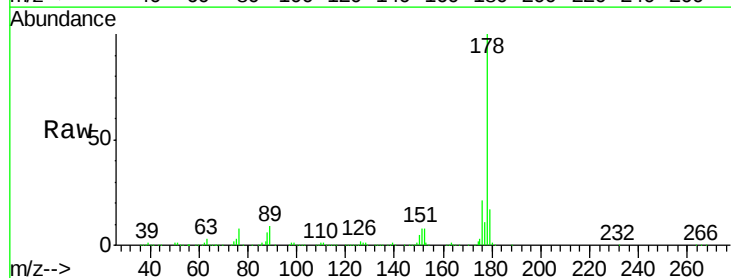
Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

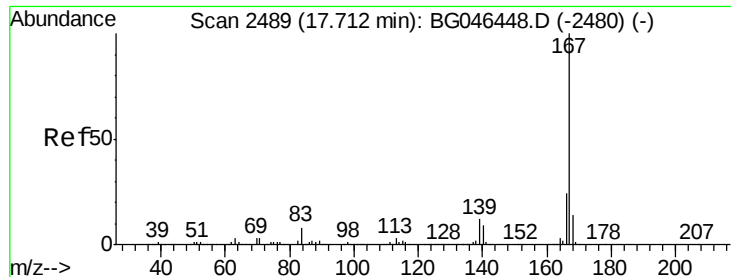
Tot Ion:178 Resp: 1090299
Ion Ratio Lower Upper
178 100
176 21.0 16.8 25.2
179 16.8 13.2 19.8



#72
Anthracene
Concen: 45.182 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion:178 Resp: 1105909
Ion Ratio Lower Upper
178 100
176 20.7 16.1 24.1
179 17.3 13.3 19.9





#73

Carbazole

Concen: 44.181 ng

RT: 17.70 min Scan# 2487

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Instrument :

BNA_G

ClientSampleId :

B20-7-9MSD

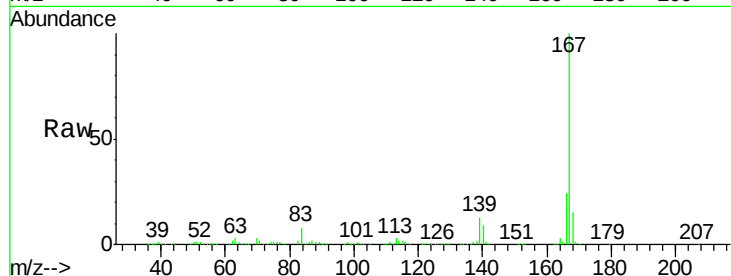
Tot Ion:167 Resp: 1021002

Ion Ratio Lower Upper

167 100

166 23.7 19.3 28.9

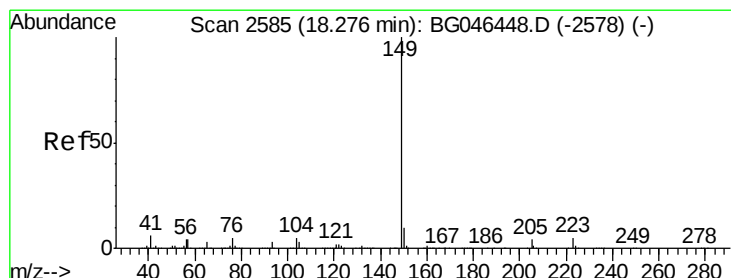
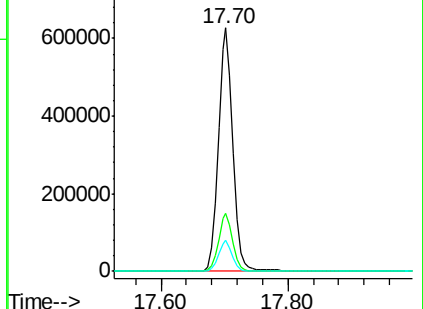
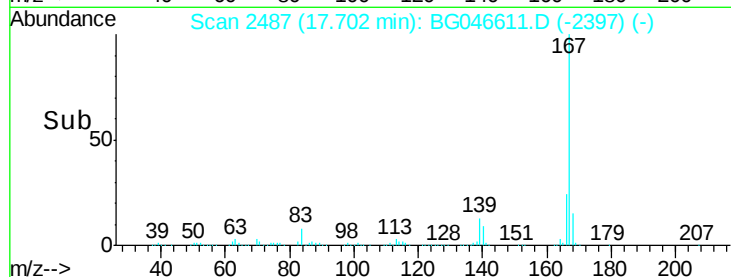
139 12.8 9.7 14.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.265 ng

RT: 18.27 min Scan# 2583

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

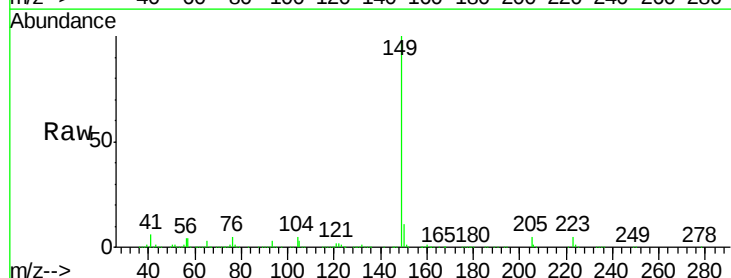
Tgt Ion:149 Resp: 1123146

Ion Ratio Lower Upper

149 100

150 10.6 8.1 12.1

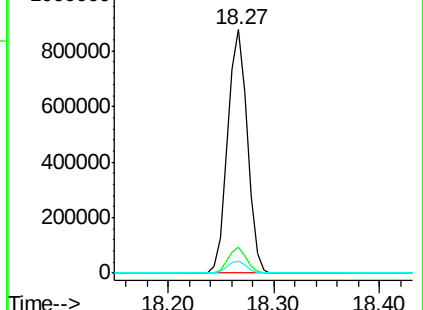
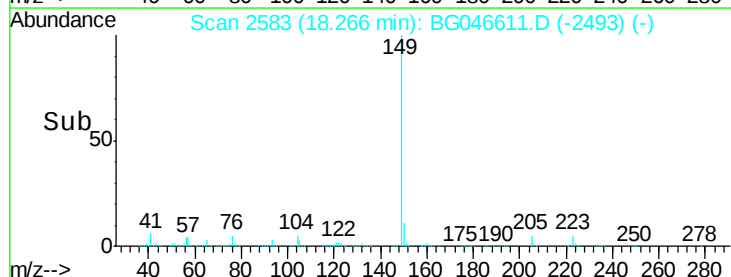
104 4.9 4.0 6.0

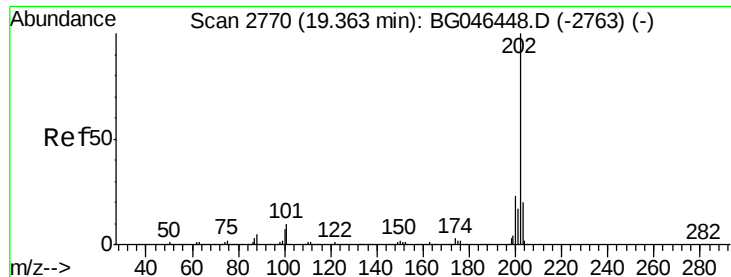


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.327 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Instrument :

BNA_G

ClientSampleId :

B20-7-9MSD

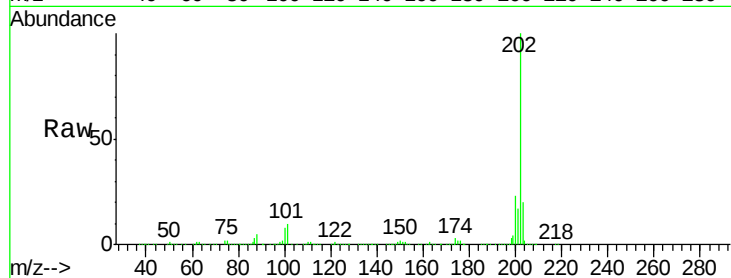
Tot Ion:202 Resp: 1383246

Ion Ratio Lower Upper

202 100

101 9.8 0.0 29.9

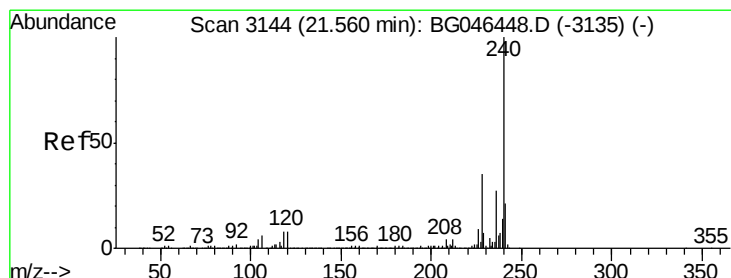
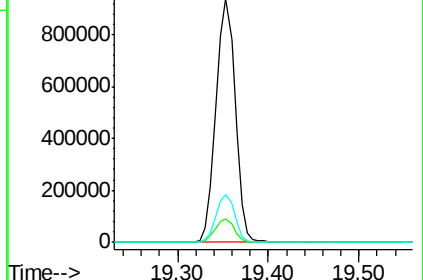
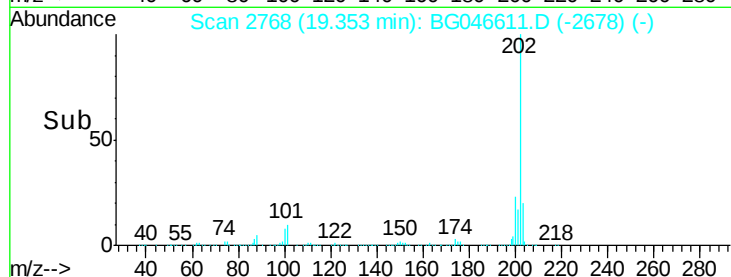
203 19.9 0.0 40.0



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# 3142

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

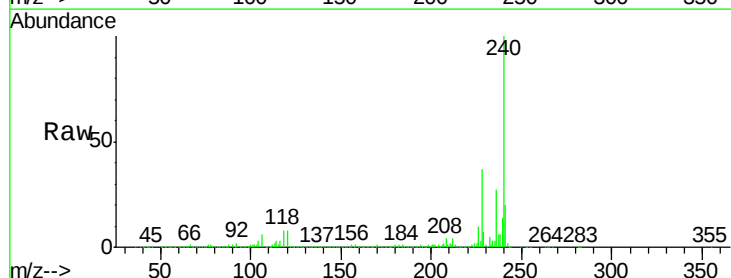
Tgt Ion:240 Resp: 485916

Ion Ratio Lower Upper

240 100

120 8.2 6.6 10.0

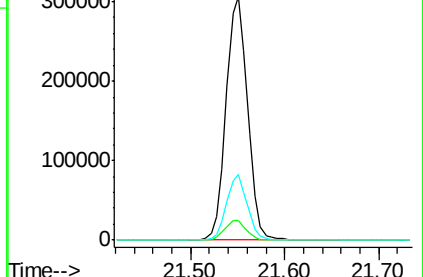
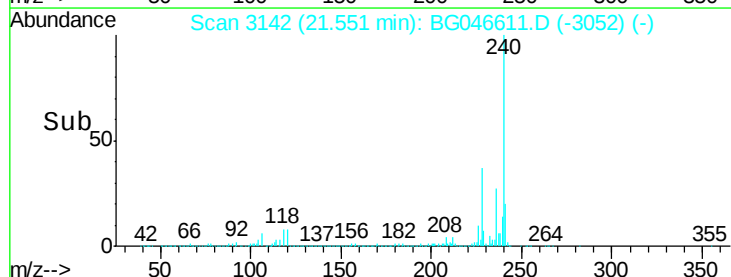
236 26.9 21.4 32.2

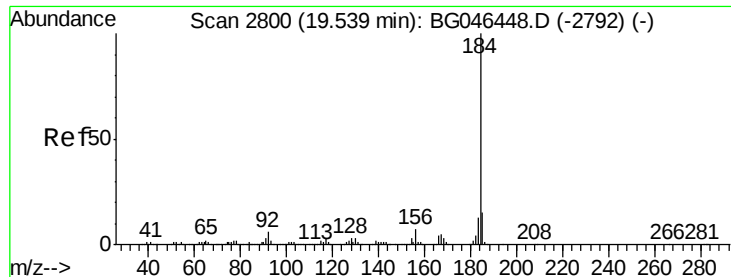


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.491 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Instrument :

BNA_G

ClientSampleId :

B20-7-9MSD

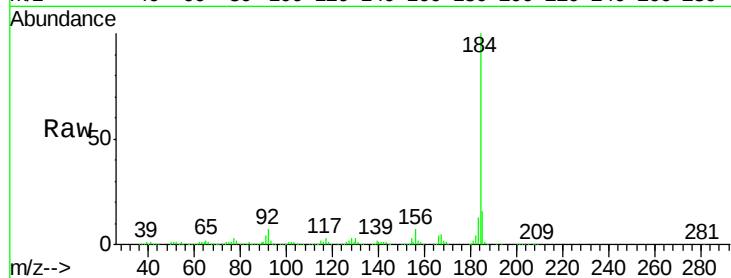
Tot Ion:184 Resp: 581395

Ion Ratio Lower Upper

184 100

185 15.8 11.8 17.8

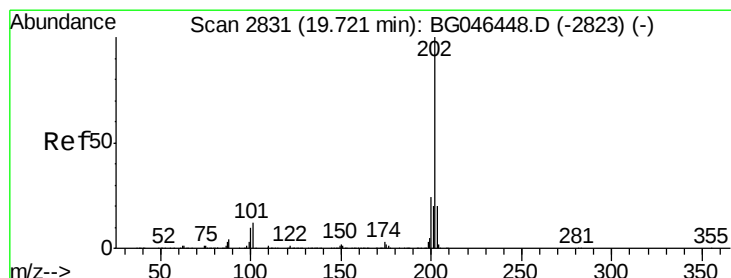
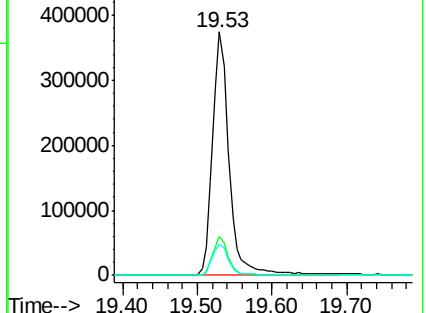
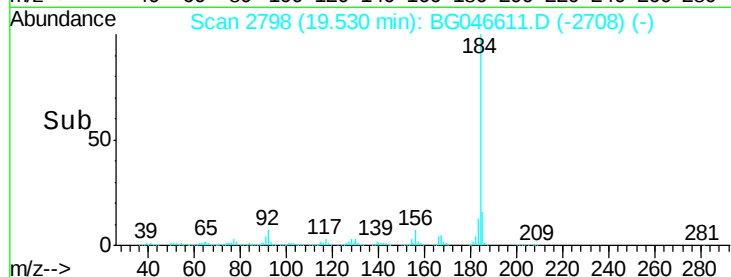
183 12.8 10.7 16.1



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: 44.433 ng

RT: 19.71 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

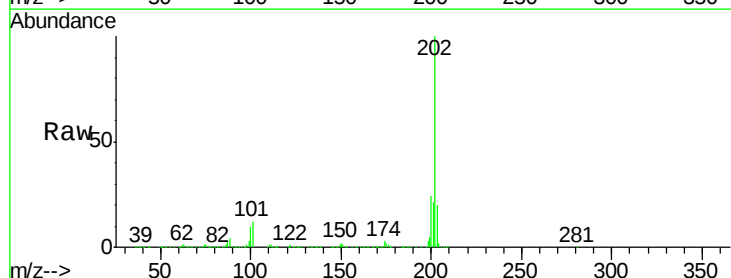
Tgt Ion:202 Resp: 1374877

Ion Ratio Lower Upper

202 100

200 23.9 18.9 28.3

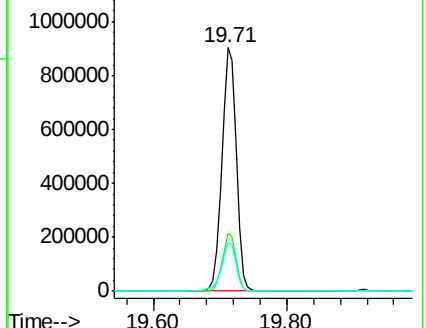
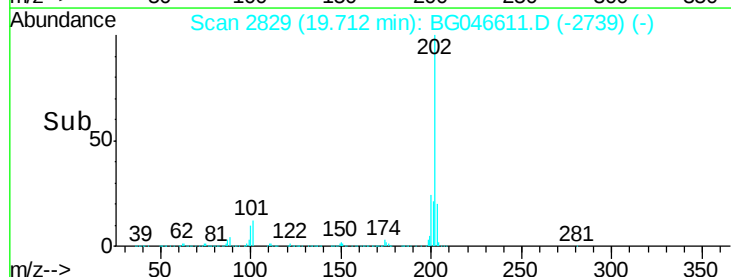
203 20.1 16.1 24.1

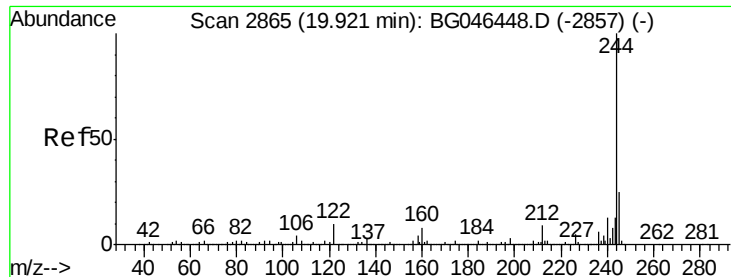


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 58.664 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Instrument :

BNA_G

ClientSampleId :

B20-7-9MSD

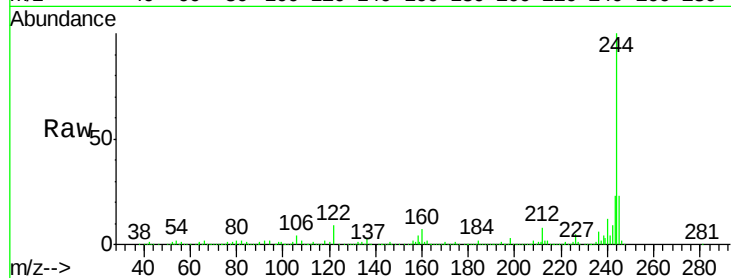
Tot Ion:244 Resp: 1339443

Ion Ratio Lower Upper

244 100

212 8.0 6.9 10.3

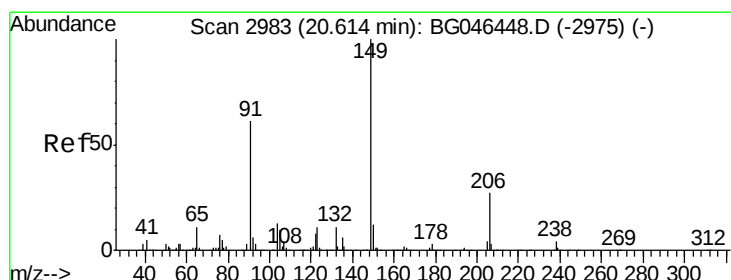
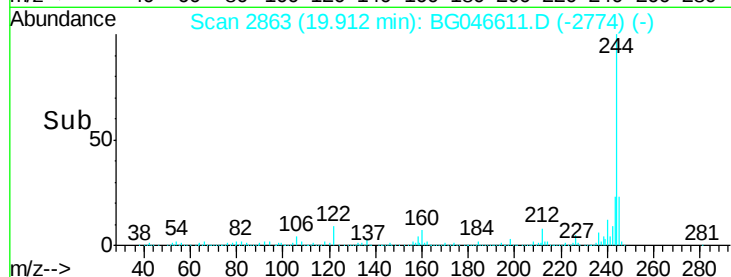
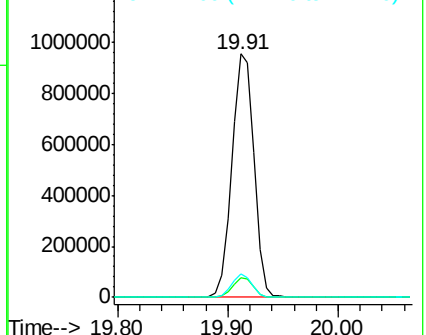
122 9.4 8.2 12.4



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: 42.327 ng

RT: 20.60 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

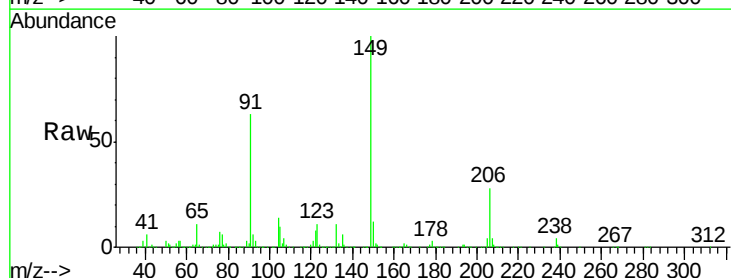
Tgt Ion:149 Resp: 510856

Ion Ratio Lower Upper

149 100

91 63.2 49.1 73.7

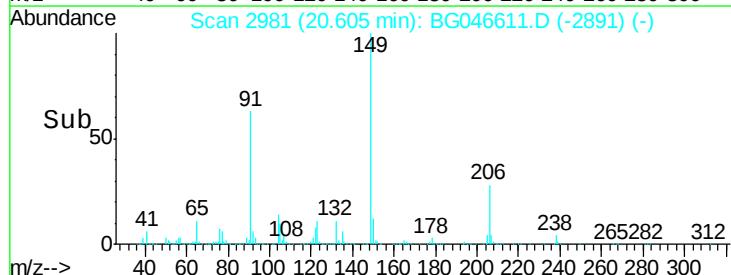
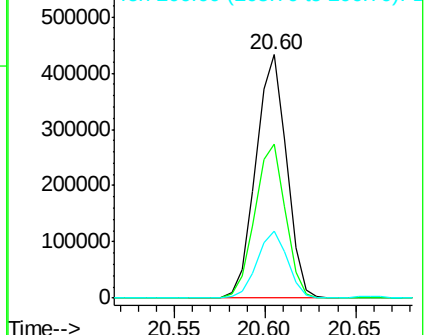
206 27.5 21.9 32.9

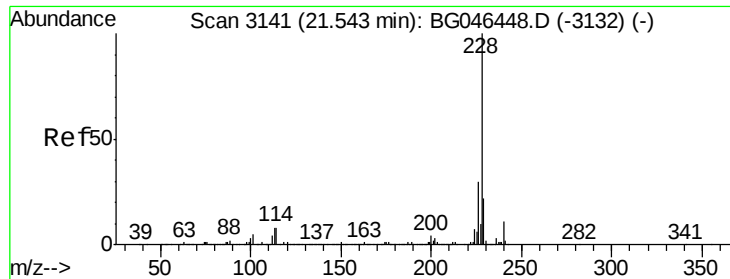


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

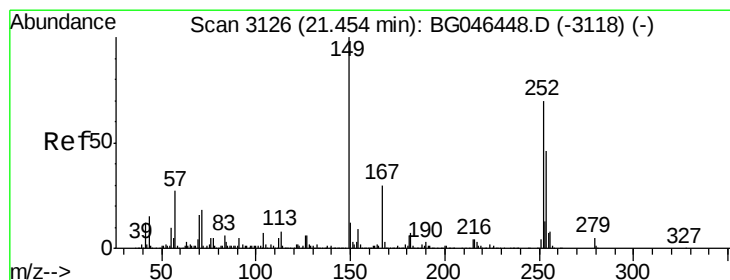
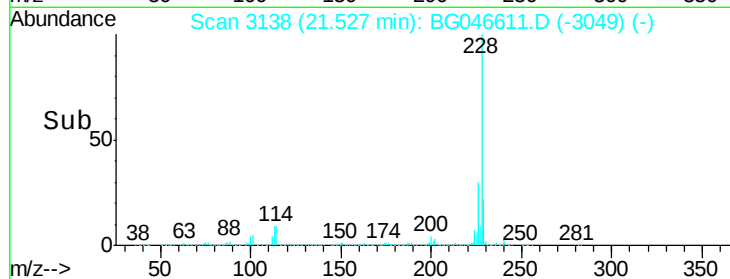
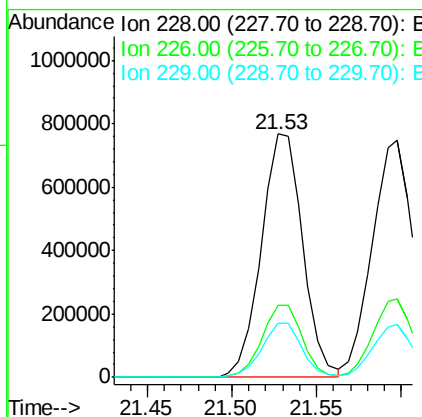
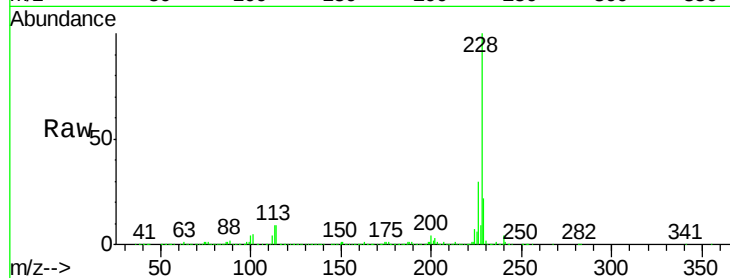




#81
Benzo(a)anthracene
Concen: 42.937 ng
RT: 21.53 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

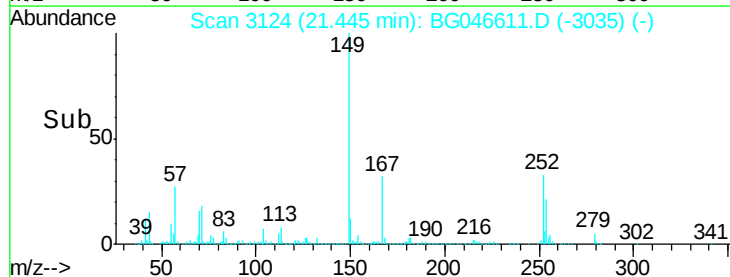
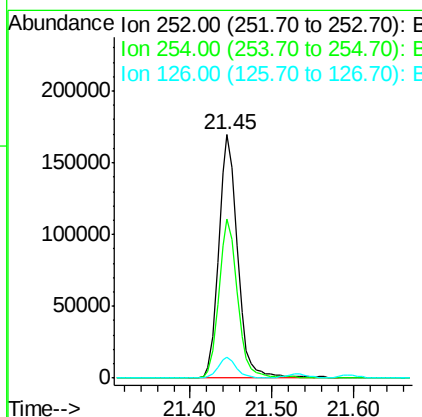
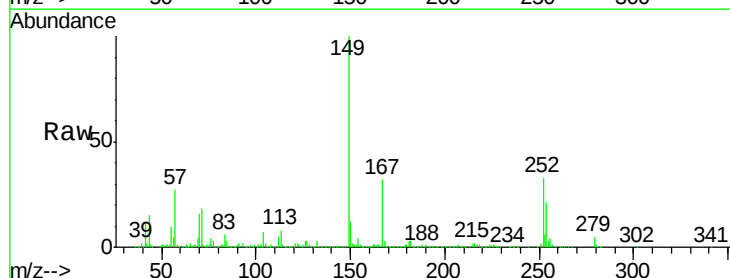
Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

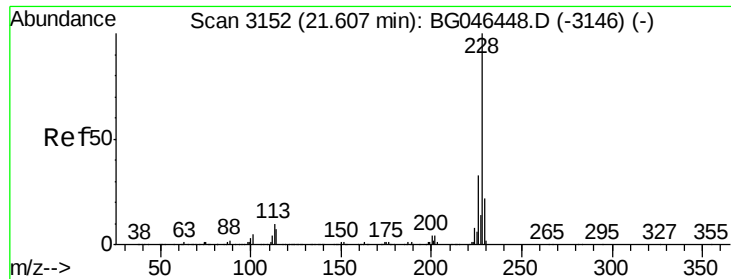
Tot Ion:228 Resp: 1300449
Ion Ratio Lower Upper
228 100
226 29.7 24.2 36.4
229 22.1 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 24.293 ng
RT: 21.45 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion:252 Resp: 273048
Ion Ratio Lower Upper
252 100
254 65.5 51.9 77.9
126 8.6 7.4 11.0





#83

Chrysene

Concen: 43.583 ng

RT: 21.60 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Instrument :

BNA_G

ClientSampleId :

B20-7-9MSD

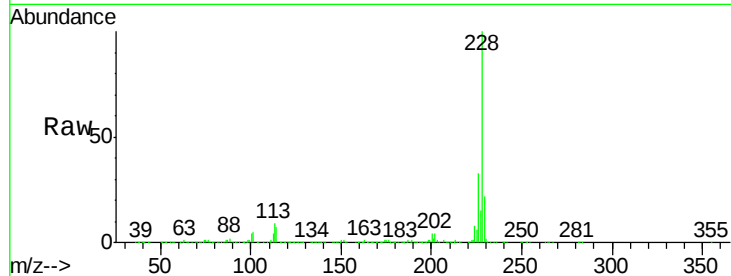
Tot Ion:228 Resp: 1269730

Ion Ratio Lower Upper

228 100

226 33.3 26.2 39.4

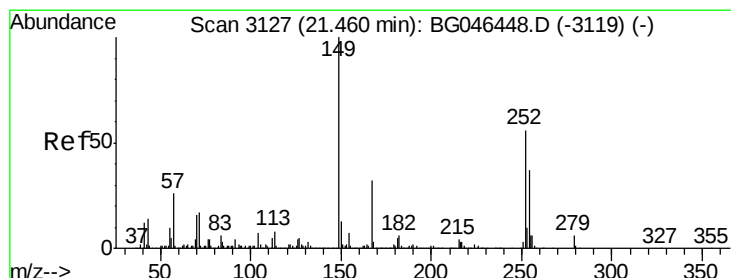
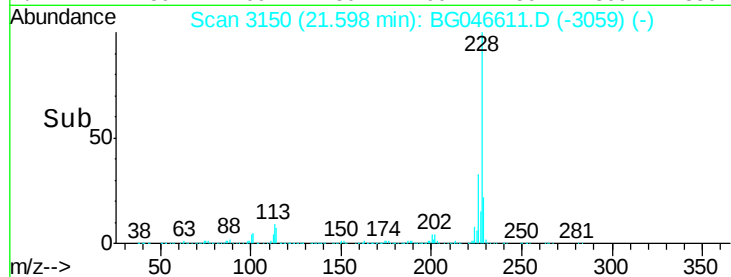
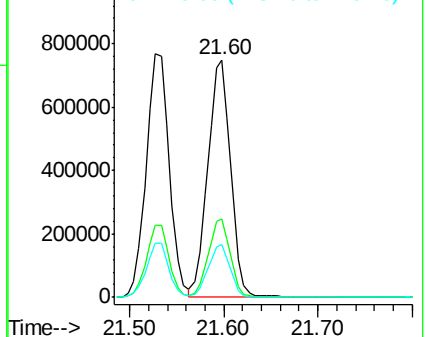
229 22.2 17.9 26.9



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: 43.342 ng

RT: 21.45 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

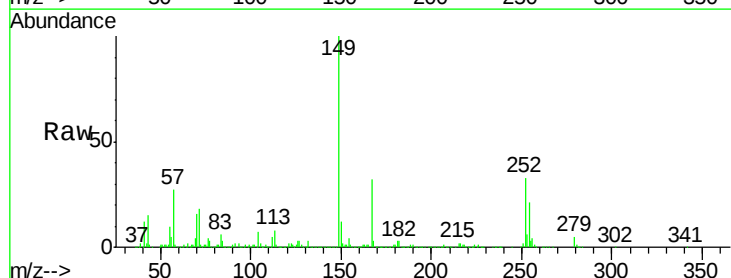
Tgt Ion:149 Resp: 713880

Ion Ratio Lower Upper

149 100

167 31.7 25.4 38.2

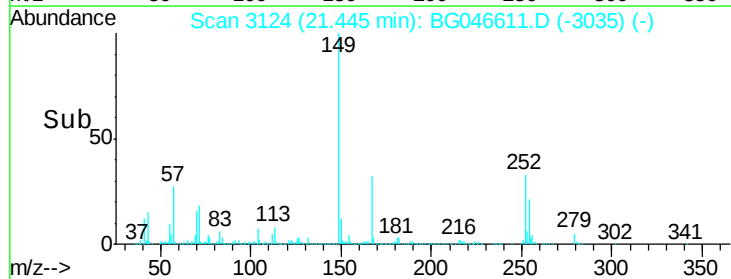
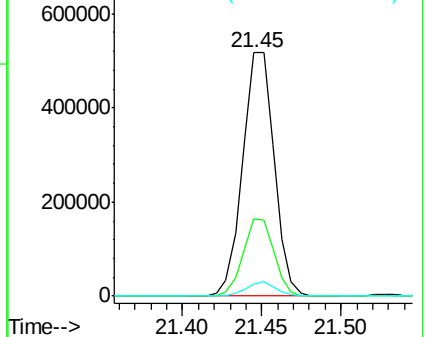
279 5.1 4.5 6.7

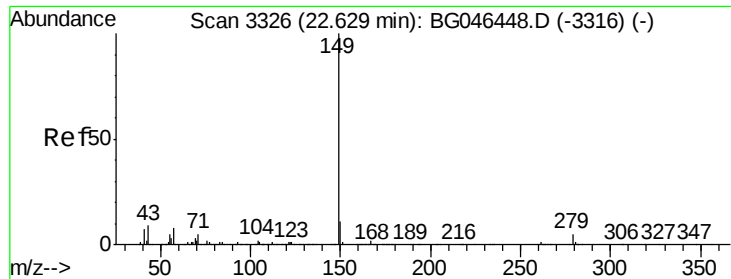


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

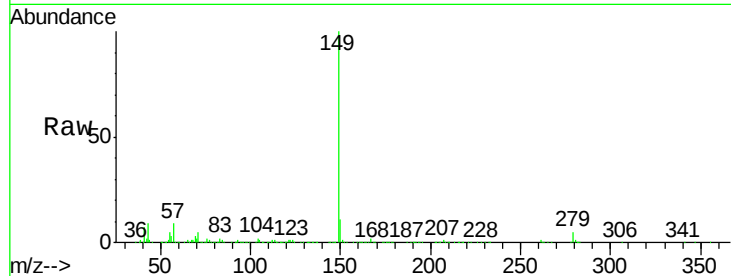




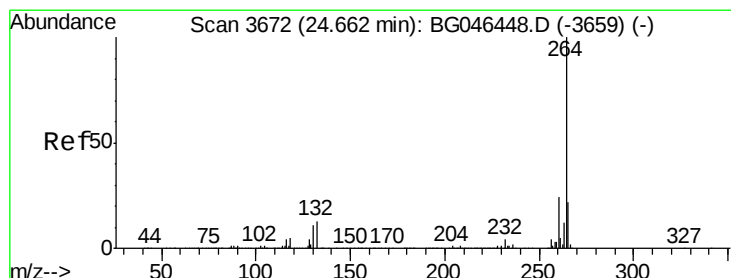
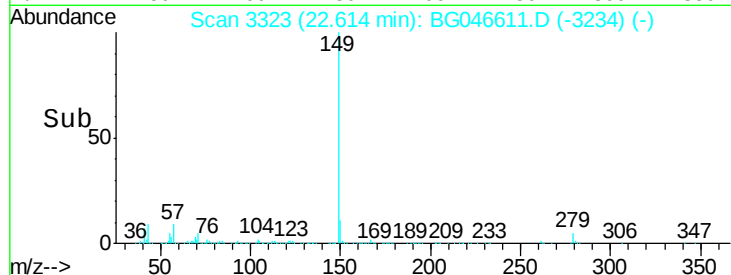
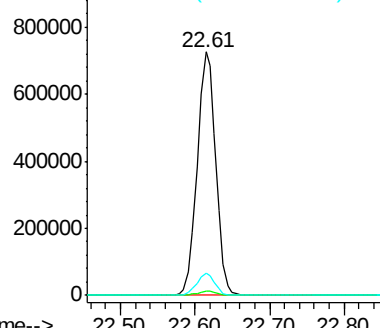
#85
Di-n-octyl phthalate
Concen: 44.483 ng
RT: 22.61 min Scan# 3323
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

Tot Ion:149 Resp: 1254525
Ion Ratio Lower Upper
149 100
167 1.8 1.5 2.3
43 8.6 7.0 10.4

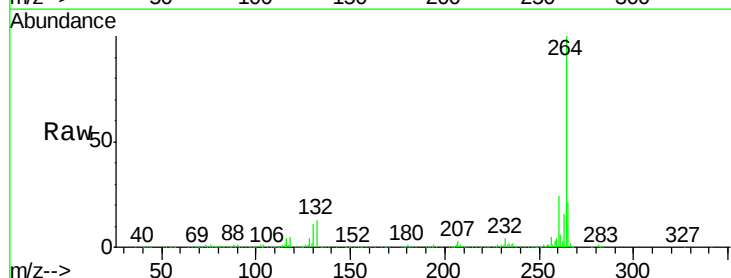


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

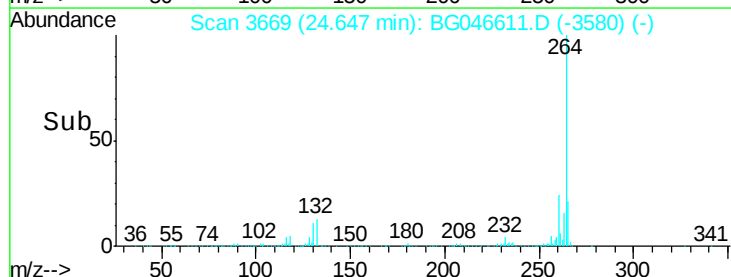
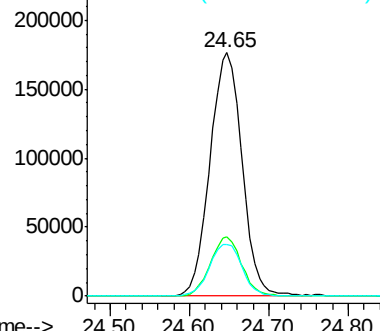


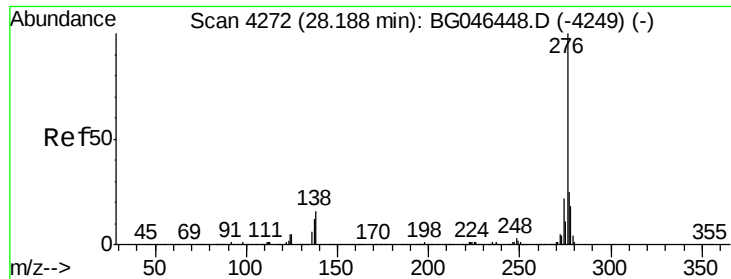
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion:264 Resp: 496982
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.3 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

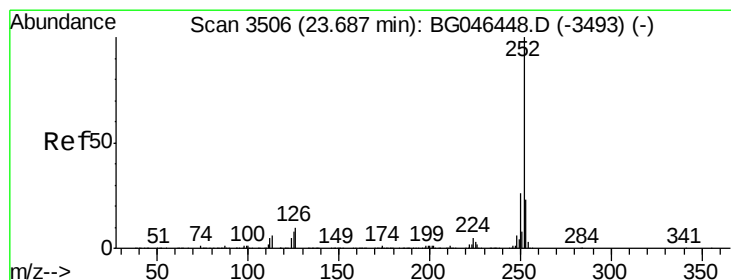
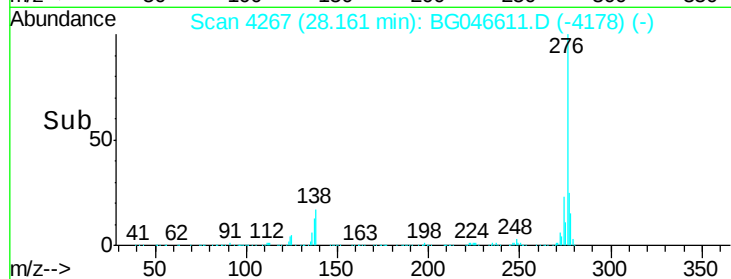
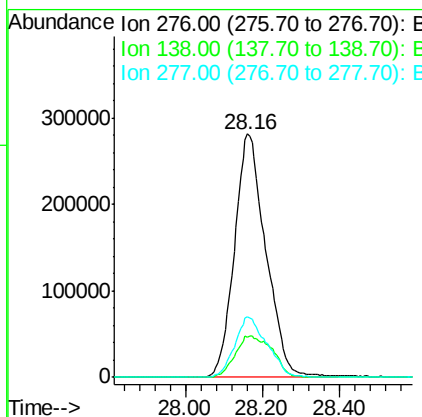
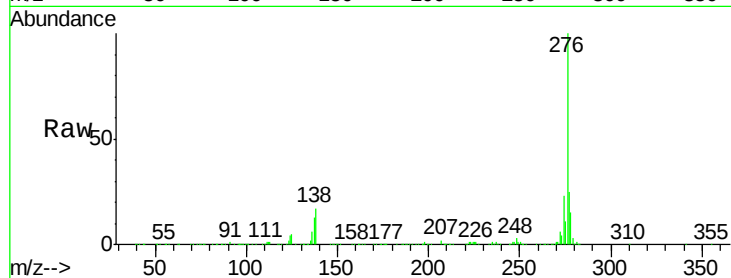




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.662 ng
 RT: 28.16 min Scan# 4267
 Delta R.T. -0.01 min
 Lab File: BG046611.D
 Acq: 14 Sep 2020 20:12

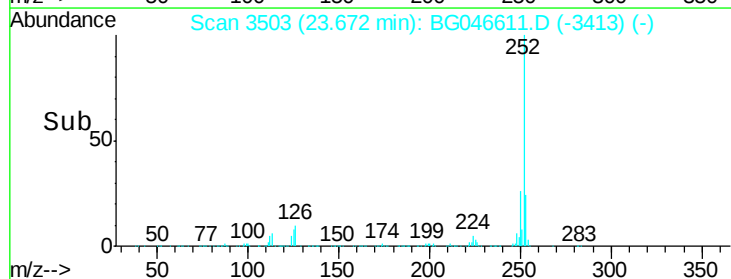
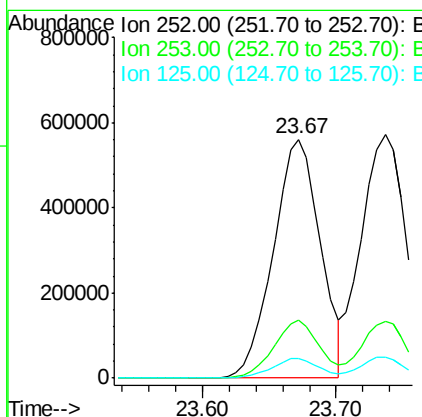
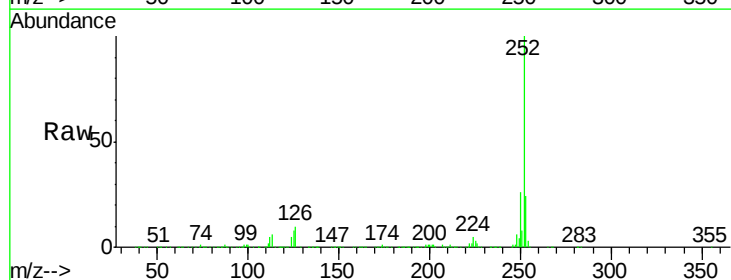
Instrument :
 BNA_G
 ClientSampleId :
 B20-7-9MSD

Tot Ion:276 Resp: 1594183
 Ion Ratio Lower Upper
 276 100
 138 20.5 16.5 24.7
 277 25.5 20.7 31.1



#88
 Benzo(b)fluoranthene
 Concen: 44.135 ng
 RT: 23.67 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: BG046611.D
 Acq: 14 Sep 2020 20:12

Tgt Ion:252 Resp: 1369601
 Ion Ratio Lower Upper
 252 100
 253 24.5 18.2 27.4
 125 8.1 6.2 9.2

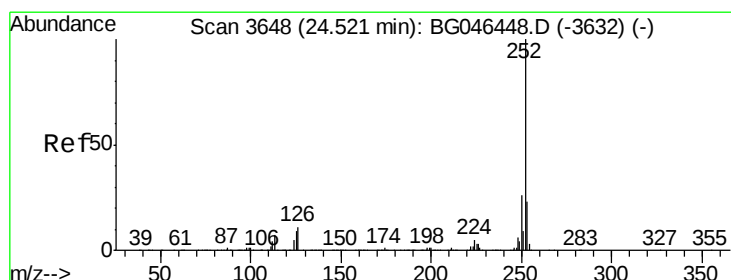
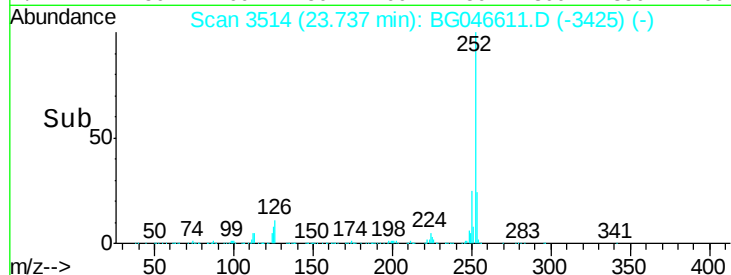
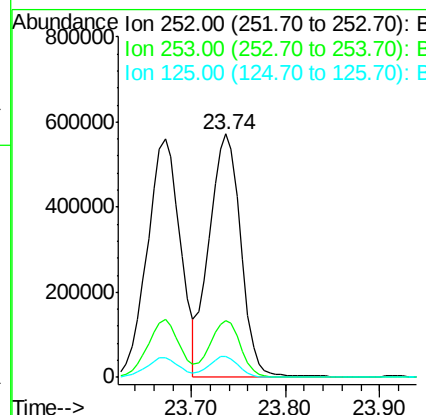
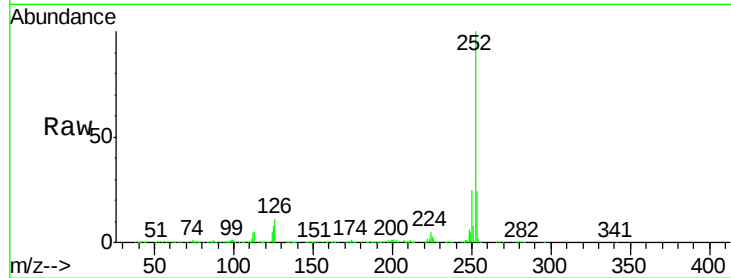




#89
Benzo(k)fluoranthene
Concen: 44.615 ng
RT: 23.74 min Scan# 3514
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

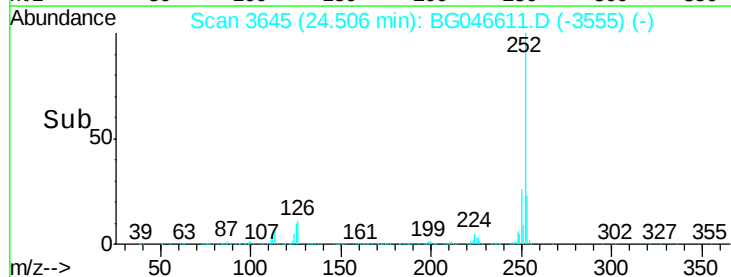
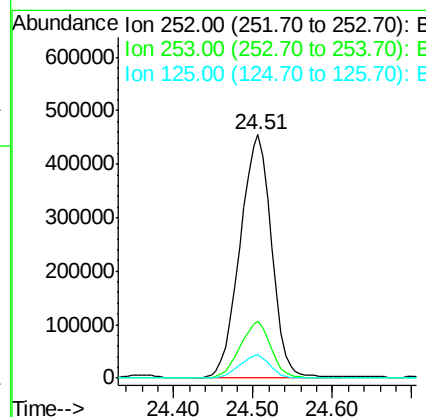
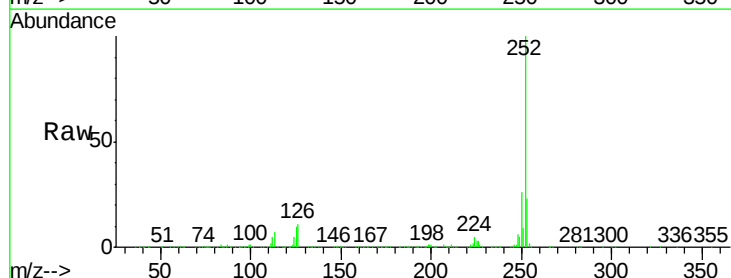
Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

Tot Ion:252 Resp: 1338045
Ion Ratio Lower Upper
252 100
253 23.5 18.5 27.7
125 8.5 6.8 10.2



#90
Benzo(a)pyrene
Concen: 43.353 ng
RT: 24.51 min Scan# 3645
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion:252 Resp: 1255493
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.4
125 9.6 7.4 11.0



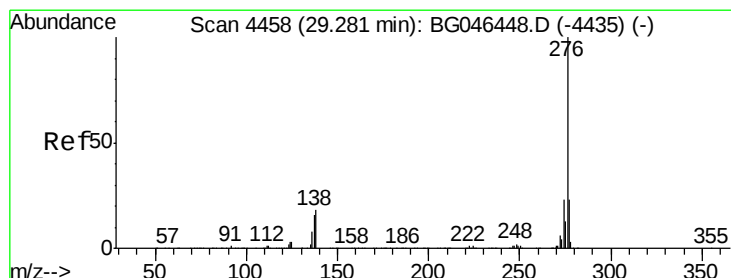
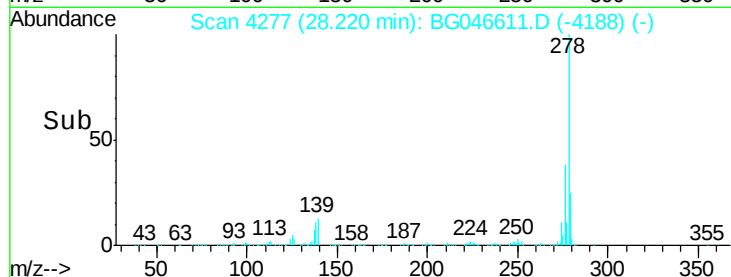
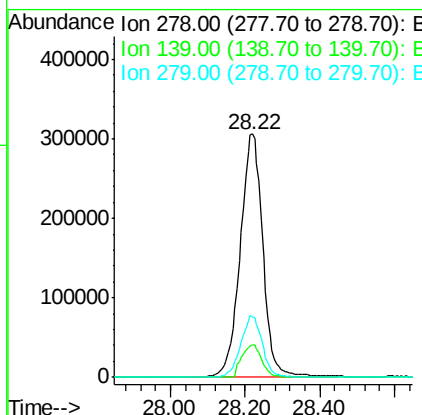
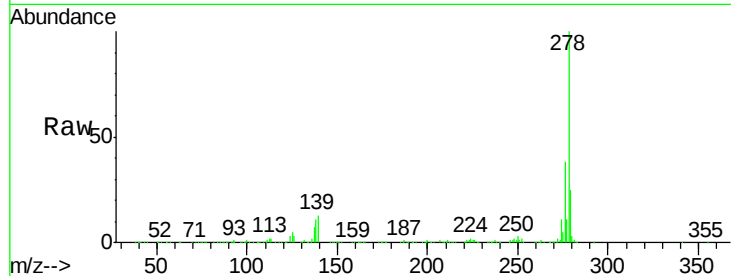


#91
Dibenzo(a,h)anthracene
Concen: 44.868 ng
RT: 28.22 min Scan# 4277
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

Tot Ion:278 Resp: 1292386

Ion	Ratio	Lower	Upper
278	100		
139	13.1	11.2	16.8
279	25.0	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 46.004 ng
RT: 29.25 min Scan# 4453
Delta R.T. -0.02 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion:276 Resp: 1323245

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.7	28.1
138	17.8	14.7	22.1

