

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
 Data File : BG046196.D
 Acq On : 7 Aug 2020 16:54
 Operator : CG/JU
 Sample : L3594-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2MSD

Quant Time: Aug 07 17:34:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	104039	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	403346	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	278754	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	678823	20.00	ng	0.00
76) Chrysene-d12	21.57	240	729107	20.00	ng	0.00
86) Perylene-d12	24.67	264	793825	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	485645	81.15	ng	0.00
7) Phenol-d6	7.12	99	621385	76.18	ng	0.00
23) Nitrobenzene-d5	9.11	82	392287	52.66	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	411378	96.08	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1002607	52.25	ng	0.00
79) Terphenyl-d14	19.93	244	1718246	48.00	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	98587	36.191	ng	95
3) Pyridine	3.83	79	221799	29.577	ng	95
4) n-Nitrosodimethylamine	3.75	42	116885	36.623	ng	92
6) Aniline	7.27	93	239224	24.639	ng	99
8) 2-Chlorophenol	7.52	128	291630	44.087	ng	95
9) Benzaldehyde	7.09	77	188023	38.847	ng	98
10) Phenol	7.14	94	355742	43.408	ng	96
11) bis(2-Chloroethyl)ether	7.37	93	264179	40.527	ng	99
12) 1,3-Dichlorobenzene	7.84	146	331882	41.392	ng	97
13) 1,4-Dichlorobenzene	7.98	146	331986	41.234	ng	99
14) 1,2-Dichlorobenzene	8.31	146	318592	41.957	ng	99
15) Benzyl Alcohol	8.18	79	241398	42.840	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	401570	37.575	ng	96
17) 2-Methylphenol	8.40	107	248773	44.964	ng	98
18) Hexachloroethane	9.04	117	111443	41.387	ng	98
19) n-Nitroso-di-n-propylamine	8.75	70	207412	39.072	ng	98
20) 3+4-Methylphenols	8.72	107	339657	44.852	ng	96
22) Acetophenone	8.77	105	407292	39.347	ng	96
24) Nitrobenzene	9.15	77	297214	37.420	ng	96
25) Isophorone	9.67	82	573203	38.668	ng	99
26) 2-Nitrophenol	9.86	139	172712	47.979	ng	99
27) 2,4-Dimethylphenol	9.92	122	269279	45.979	ng	100
28) bis(2-Chloroethoxy)methane	10.15	93	353836	43.899	ng	98
29) 2,4-Dichlorophenol	10.39	162	314334	45.627	ng	100
30) 1,2,4-Trichlorobenzene	10.61	180	328356	40.686	ng	97
31) Naphthalene	10.80	128	840660	39.390	ng	99
32) Benzoic acid	10.01	122	45467	17.900	ng	98
33) 4-Chloroaniline	10.90	127	175938	20.174	ng	95
34) Hexachlorobutadiene	11.10	225	213537	39.746	ng	99
35) Caprolactam	11.67	113	123889	54.942	ng	94
36) 4-Chloro-3-methylphenol	12.03	107	310051	45.860	ng	97
37) 2-Methylnaphthalene	12.40	142	661075	40.256	ng	98
38) 1-Methylnaphthalene	12.63	142	627946	40.409	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	386069	38.439	ng	99

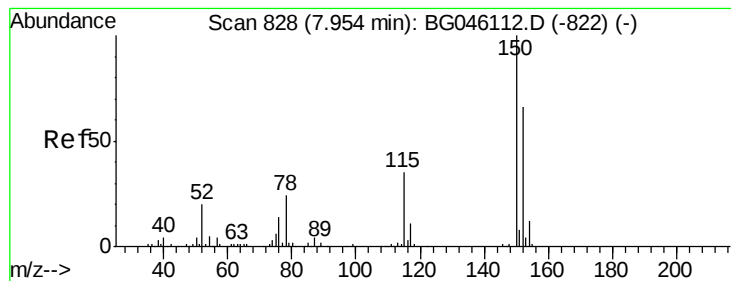
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	502395	87.208	ng	99
43) 2,4,6-Trichlorophenol	13.01	196	308252	48.106	ng	96
44) 2,4,5-Trichlorophenol	13.08	196	327630	46.861	ng	96
46) 1,1'-Biphenyl	13.41	154	856643	39.175	ng	99
47) 2-Chloronaphthalene	13.45	162	667957	38.294	ng	98
48) 2-Nitroaniline	13.65	65	192495	42.102	ng	92
49) Acenaphthylene	14.30	152	1073501	39.634	ng	98
50) Dimethylphthalate	14.04	163	1012587	47.329	ng	99
51) 2,6-Dinitrotoluene	14.15	165	205469	41.265	ng	89
52) Acenaphthene	14.64	154	671048	37.539	ng	98
53) 3-Nitroaniline	14.47	138	115318	23.361	ng	97
54) 2,4-Dinitrophenol	14.68	184	57167	23.587	ng	97
55) Dibenzofuran	14.98	168	1037860	38.477	ng	99
56) 4-Nitrophenol	14.79	139	402525	93.921	ng	96
57) 2,4-Dinitrotoluene	14.93	165	291749	42.616	ng	91
58) Fluorene	15.63	166	862530	39.485	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.20	232	358153	54.386	ng	96
60) Diethylphthalate	15.40	149	870783	41.374	ng	98
61) 4-Chlorophenyl-phenylether	15.62	204	470498	41.239	ng	95
62) 4-Nitroaniline	15.64	138	224059	45.131	ng	99
63) Azobenzene	15.91	77	740707	37.552	ng	97
65) 4,6-Dinitro-2-methylphenol	15.70	198	100919	22.479	ng	90
66) n-Nitrosodiphenylamine	15.83	169	804058	39.131	ng	97
67) 4-Bromophenyl-phenylether	16.52	248	343031	40.904	ng	94
68) Hexachlorobenzene	16.63	284	383992	40.834	ng	97
69) Atrazine	16.78	200	311880	39.417	ng	99
70) Pentachlorophenol	16.97	266	444861	72.910	ng	99
71) Phenanthrene	17.36	178	1439312	38.707	ng	99
72) Anthracene	17.45	178	1478782	39.981	ng	98
73) Carbazole	17.72	167	1403144	39.342	ng	98
74) Di-n-butylphthalate	18.29	149	1545036	41.444	ng	98
75) Fluoranthene	19.37	202	1831279	39.447	ng	99
77) Benzidine	19.55	184	927455	44.908	ng	99
78) Pyrene	19.73	202	1844419	37.650	ng	97
80) Butylbenzylphthalate	20.62	149	753027	42.433	ng	97
81) Benzo(a)anthracene	21.55	228	1874111	38.410	ng	99
82) 3,3'-Dichlorobenzidine	21.46	252	414491	20.457	ng	99
83) Chrysene	21.62	228	1778745	37.215	ng	97
84) Bis(2-ethylhexyl)phthalate	21.47	149	1053065	41.507	ng	98
85) Di-n-octyl phthalate	22.65	149	1812111	42.184	ng	99
87) Indeno(1,2,3-cd)pyrene	28.19	276	2468438	40.773	ng	# 95
88) Benzo(b)fluoranthene	23.69	252	2037497	38.302	ng	98
89) Benzo(k)fluoranthene	23.76	252	2005010	38.427	ng	99
90) Benzo(a)pyrene	24.53	252	1916766	38.722	ng	99
91) Dibenzo(a,h)anthracene	28.25	278	2023493	39.982	ng	99
92) Benzo(g,h,i)perylene	29.29	276	2071441	40.527	ng	99

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

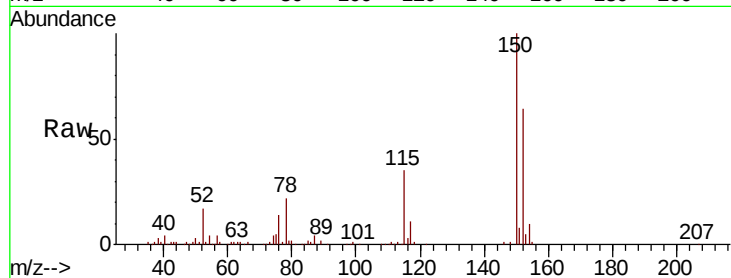


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	122.1	183.1
115	53.8	43.2	64.8

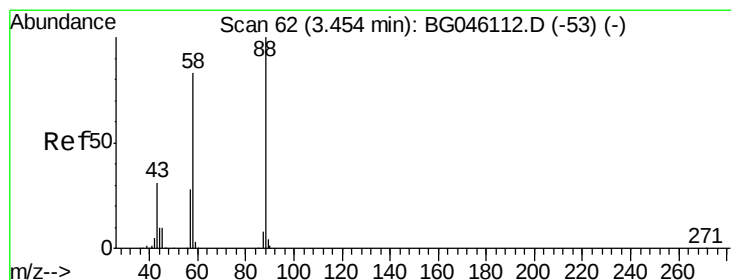
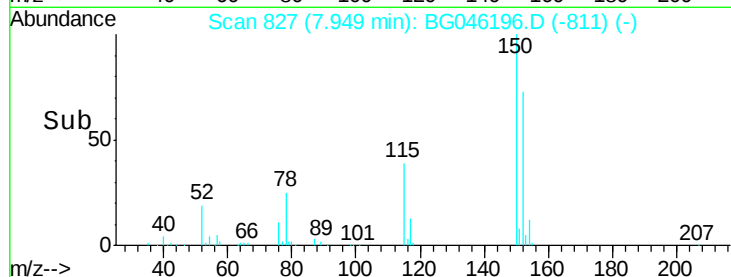
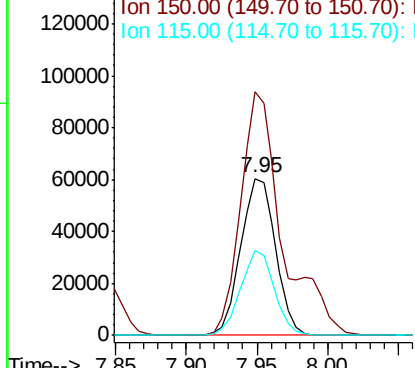


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

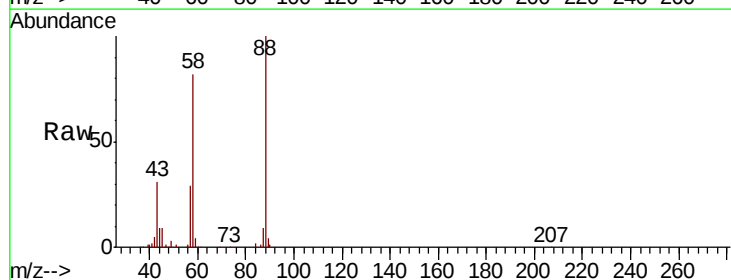
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.191 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.2	66.5	99.7
43	28.2	23.8	35.8

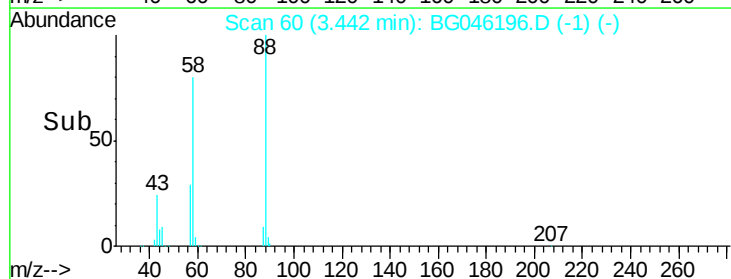
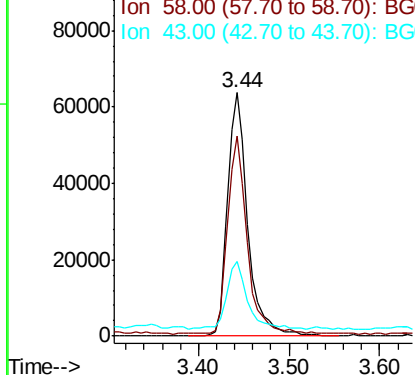


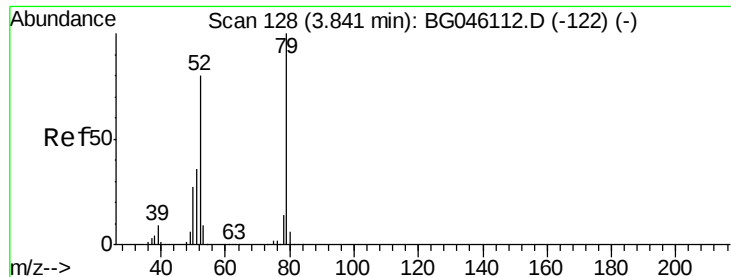
Abundance

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: 29.577 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

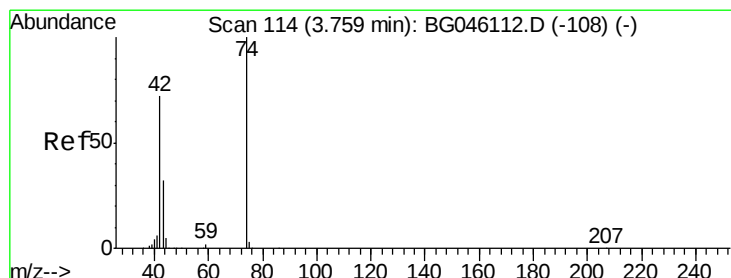
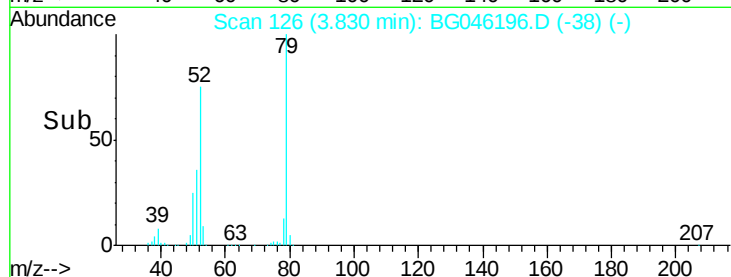
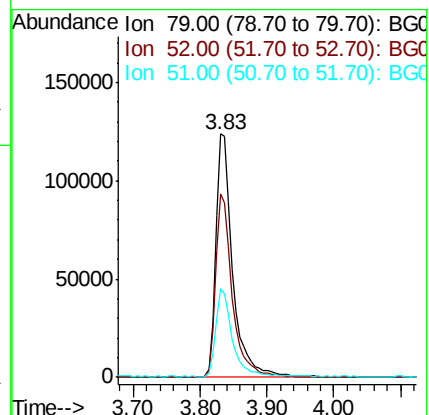
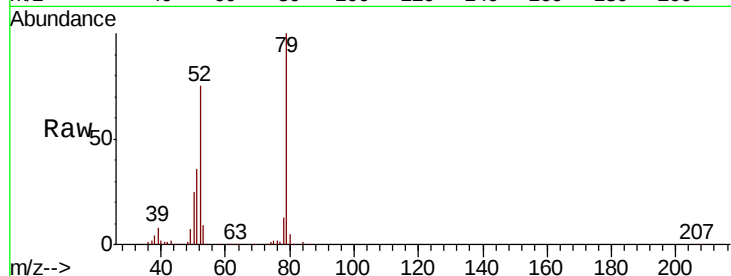
Tot Ion: 79 Resp: 221799

Ion Ratio Lower Upper

79 100

52 75.1 64.3 96.5

51 36.4 29.8 44.6



#4

n-Nitrosodimethylamine

Concen: 36.623 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

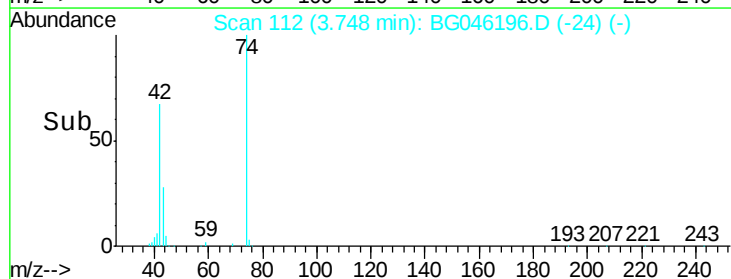
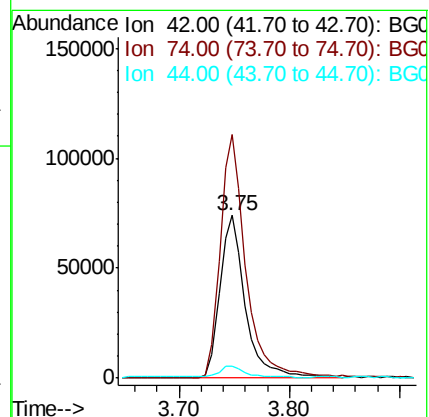
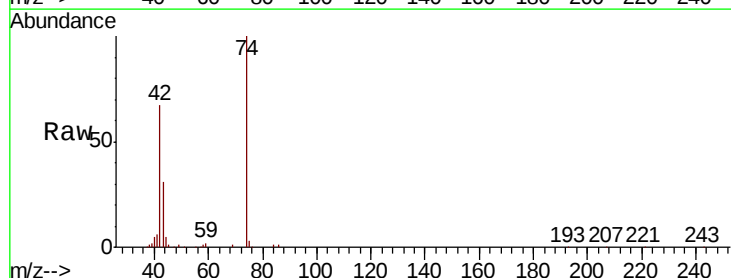
Tgt Ion: 42 Resp: 116885

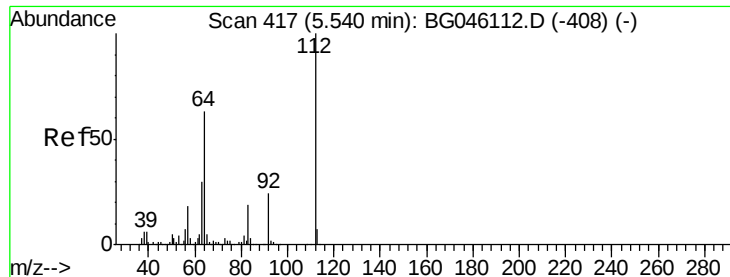
Ion Ratio Lower Upper

42 100

74 149.6 111.6 167.4

44 7.6 5.7 8.5





#5

2-Fluorophenol

Concen: 81.146 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

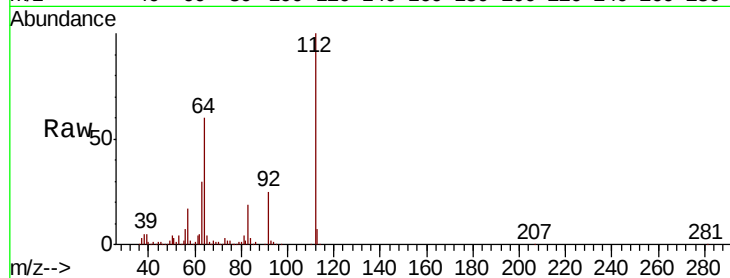
Tot Ion:112 Resp: 485645

Ion Ratio Lower Upper

112 100

64 60.4 50.2 75.2

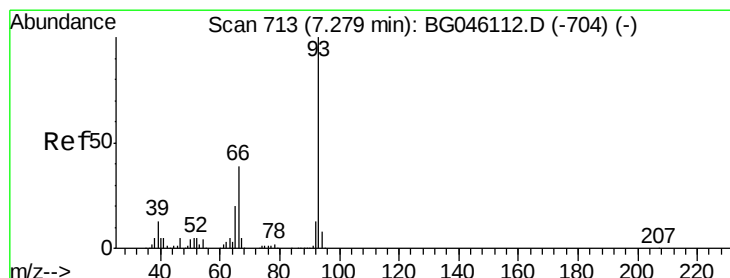
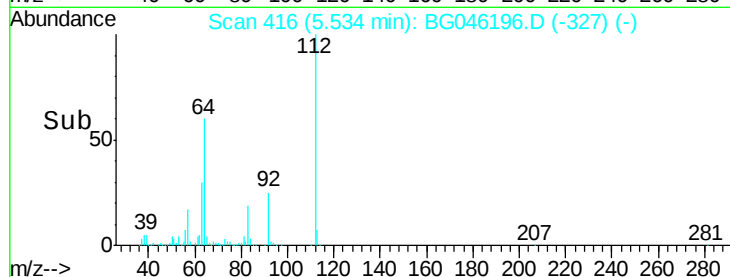
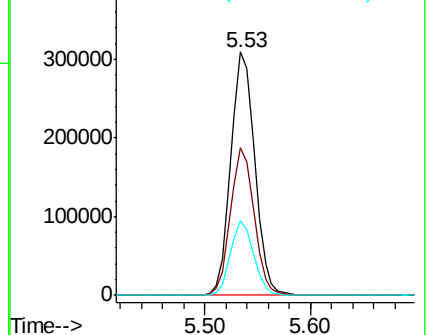
63 30.4 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 24.639 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

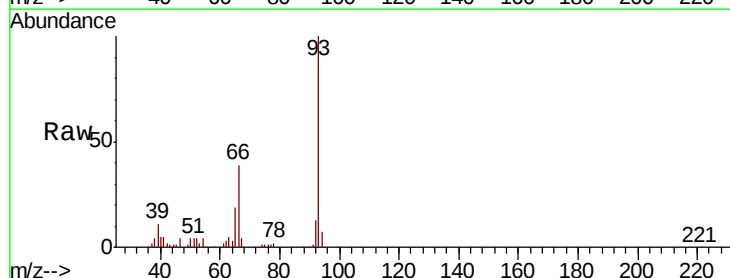
Tgt Ion: 93 Resp: 239224

Ion Ratio Lower Upper

93 100

66 39.3 31.0 46.4

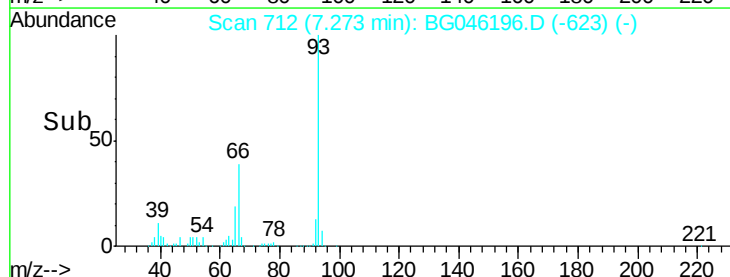
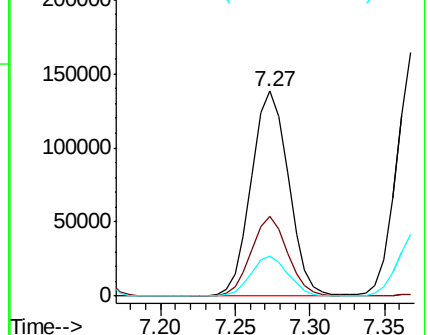
65 19.5 15.9 23.9

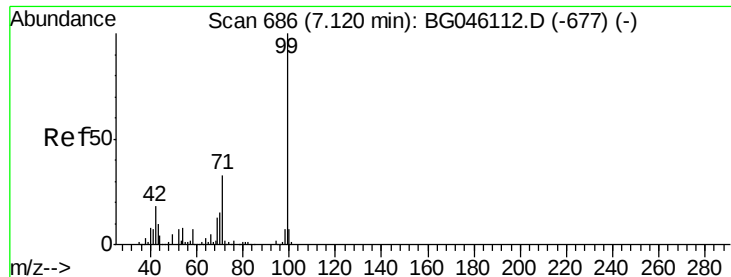


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 76.182 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

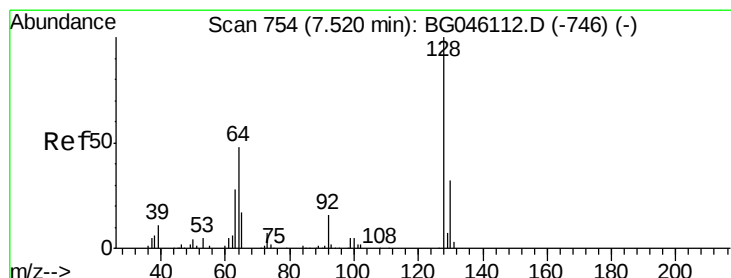
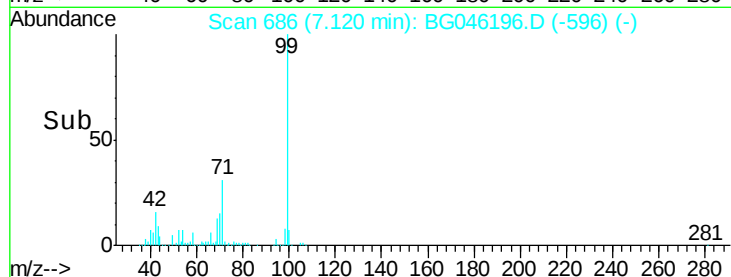
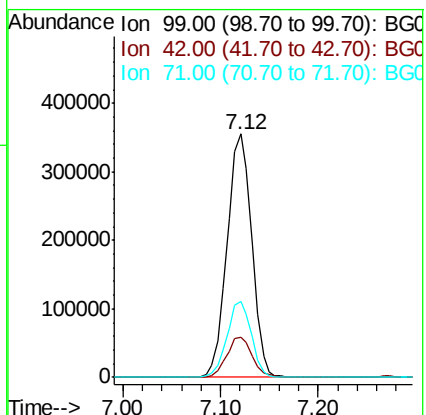
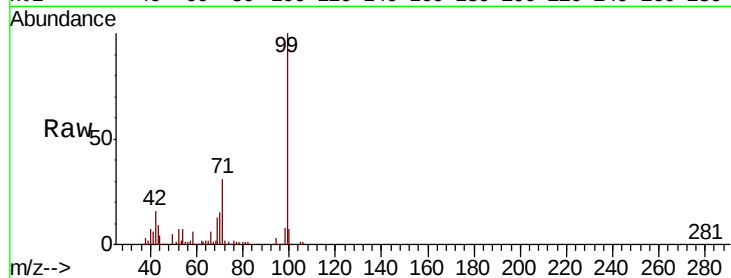
Tot Ion: 99 Resp: 621385

Ion Ratio Lower Upper

99 100

42 16.4 14.7 22.1

71 31.2 26.5 39.7



#8

2-Chlorophenol

Concen: 44.087 ng

RT: 7.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

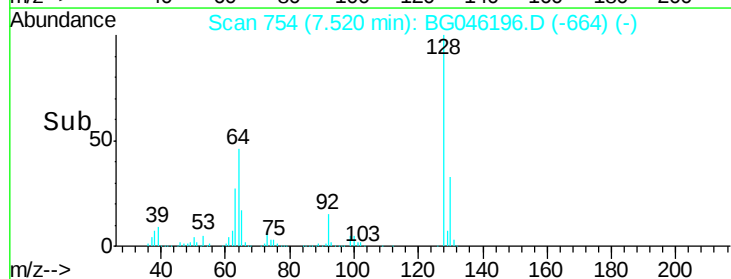
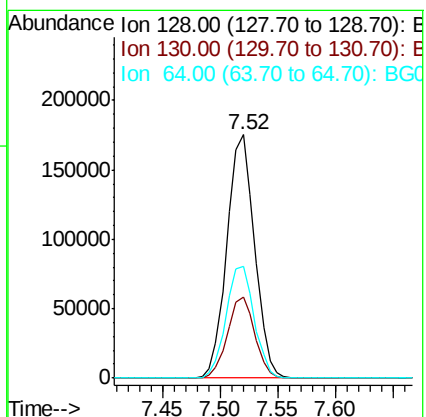
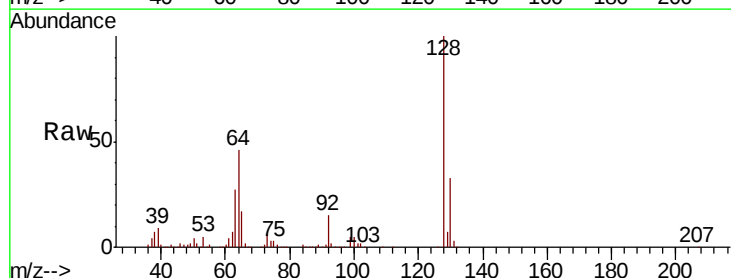
Tgt Ion: 128 Resp: 291630

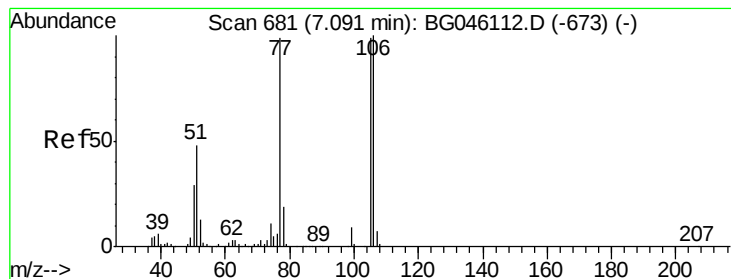
Ion Ratio Lower Upper

128 100

130 33.3 11.6 51.6

64 46.1 30.6 70.6





#9

Benzaldehyde

Concen: 38.847 ng

RT: 7.09 min Scan# 680

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

ClientSampled :

TP-2MSD

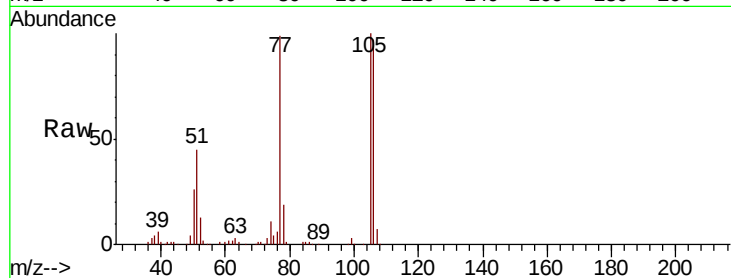
Tot Ion: 77 Resp: 188023

Ion Ratio Lower Upper

77 100

105 100.9 80.3 120.3

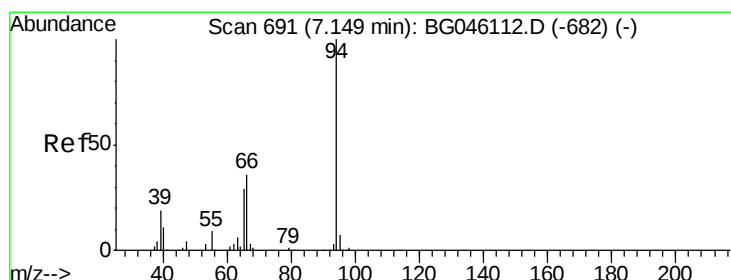
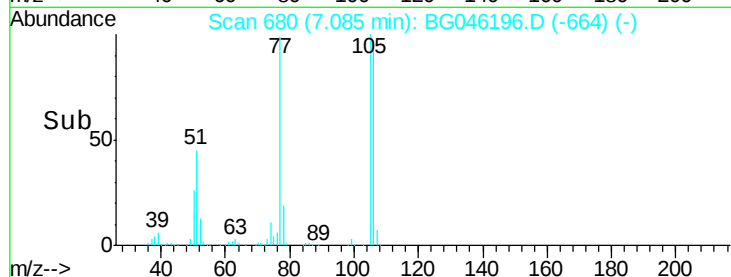
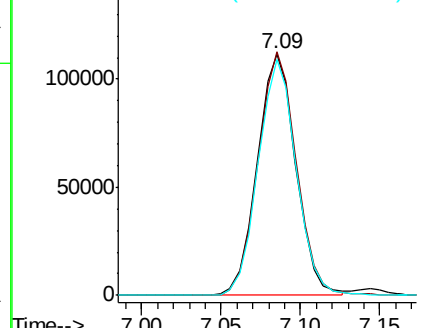
106 98.0 81.5 121.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.408 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

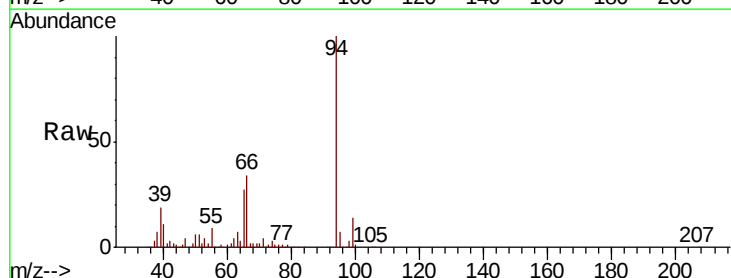
Tgt Ion: 94 Resp: 355742

Ion Ratio Lower Upper

94 100

65 26.7 9.6 49.6

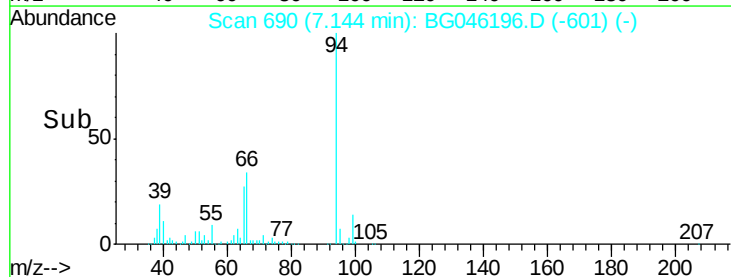
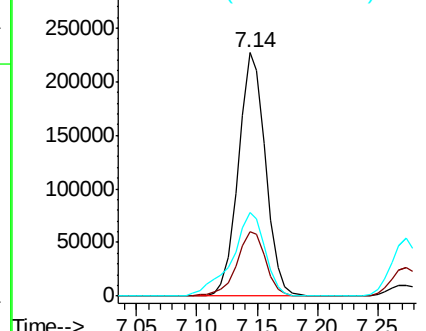
66 34.4 16.3 56.3

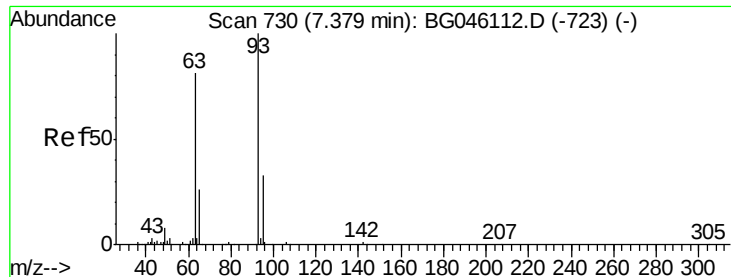


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 40.527 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

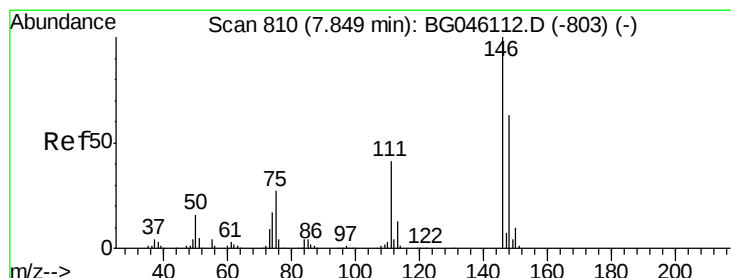
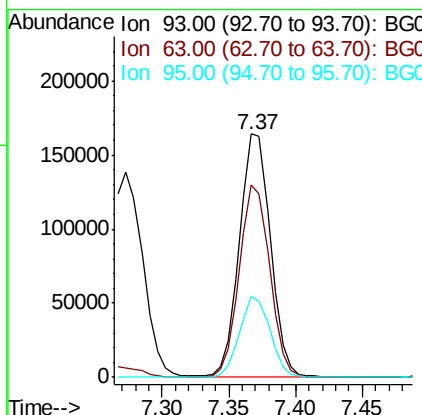
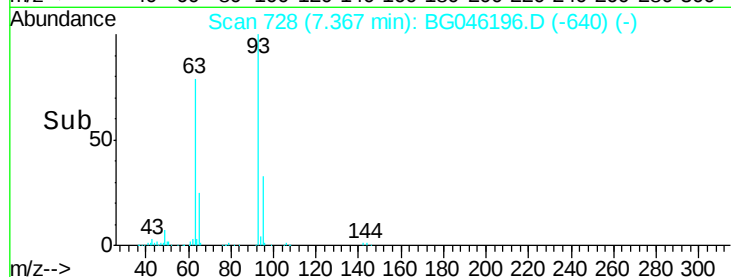
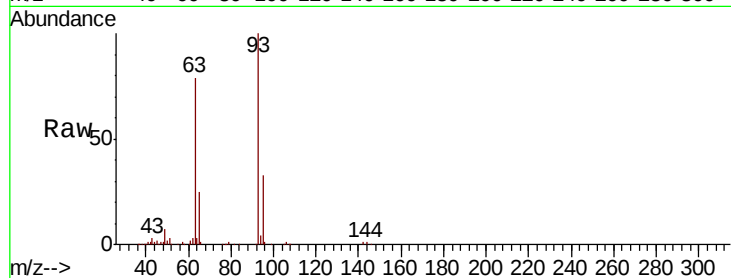
Tot Ion: 93 Resp: 264179

Ion Ratio Lower Upper

93 100

63 79.1 60.0 100.0

95 33.2 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 41.392 ng

RT: 7.84 min Scan# 809

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

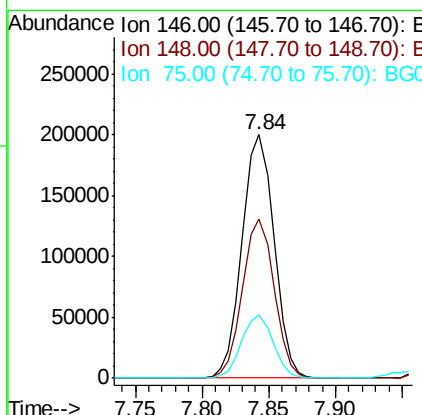
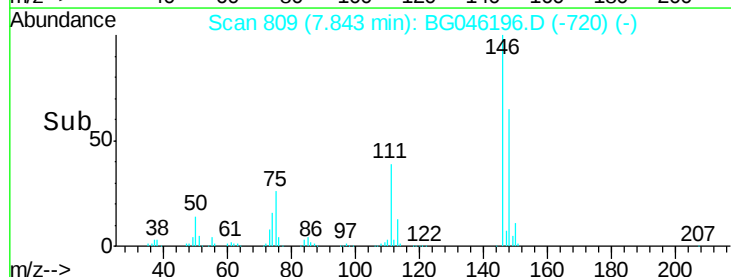
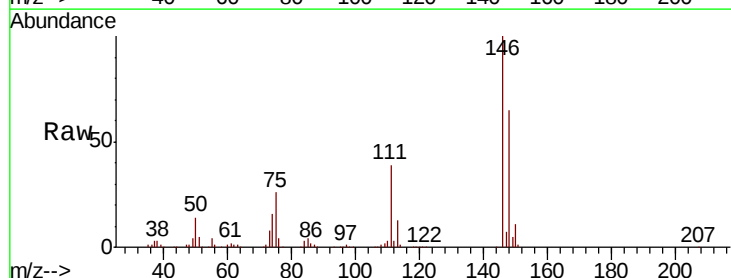
Tgt Ion: 146 Resp: 331882

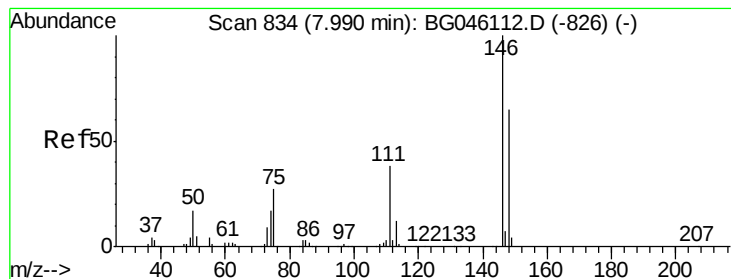
Ion Ratio Lower Upper

146 100

148 65.1 50.5 75.7

75 25.7 21.6 32.4





#13

1,4-Dichlorobenzene

Concen: 41.234 ng

RT: 7.98 min Scan# 833

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

ClientSampled :

TP-2MSD

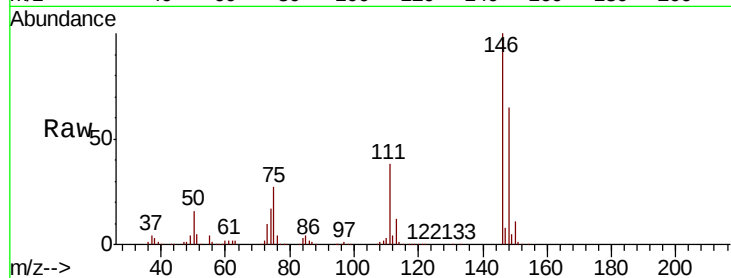
Tot Ion:146 Resp: 331986

Ion Ratio Lower Upper

146 100

148 64.9 51.8 77.6

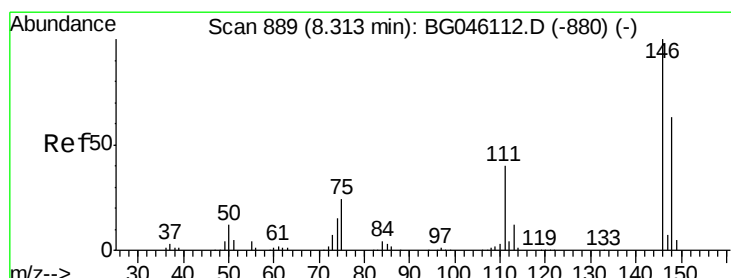
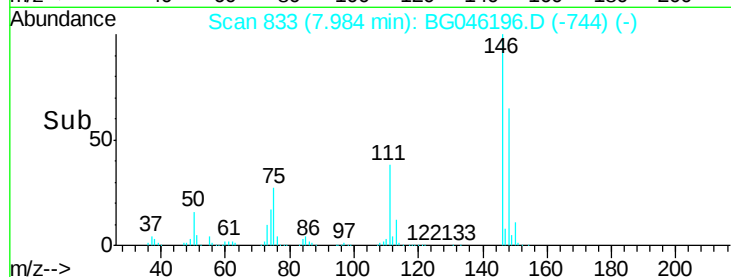
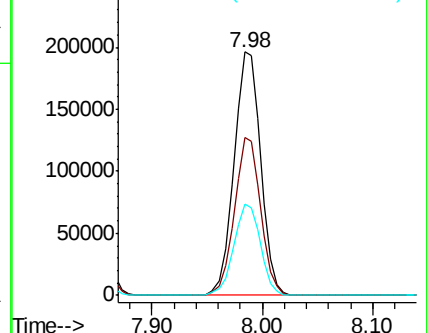
111 37.7 30.7 46.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.957 ng

RT: 8.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

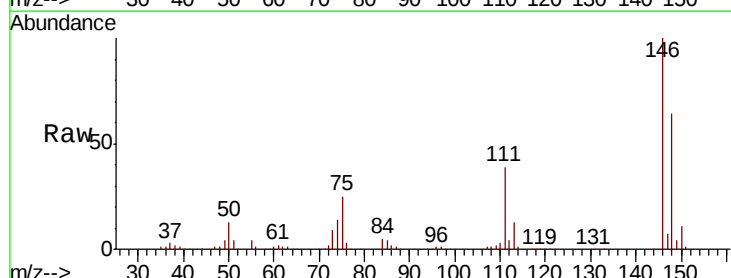
Tgt Ion:146 Resp: 318592

Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

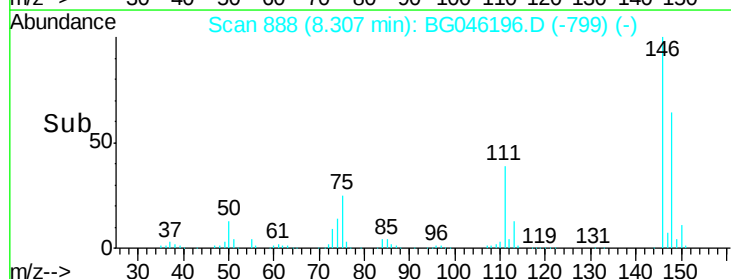
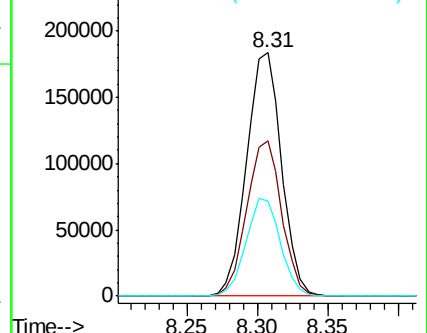
111 39.3 32.4 48.6

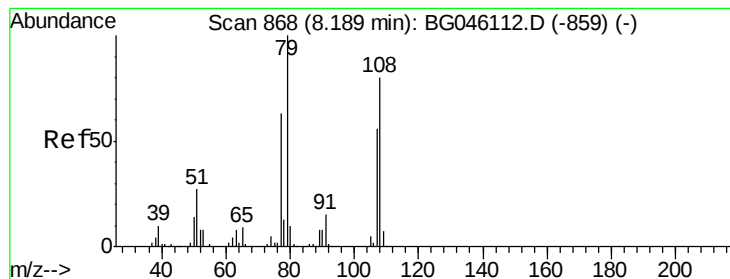


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.840 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

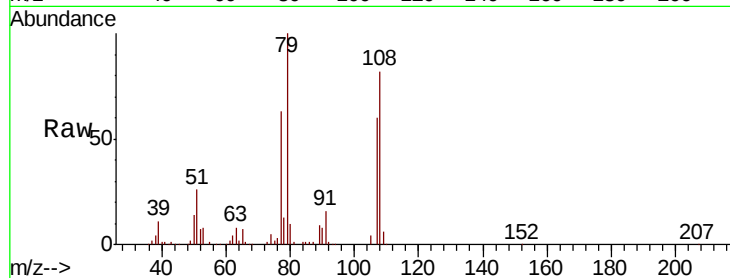
Tot Ion: 79 Resp: 241398

Ion Ratio Lower Upper

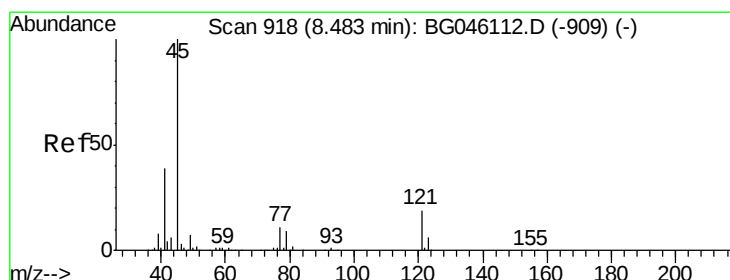
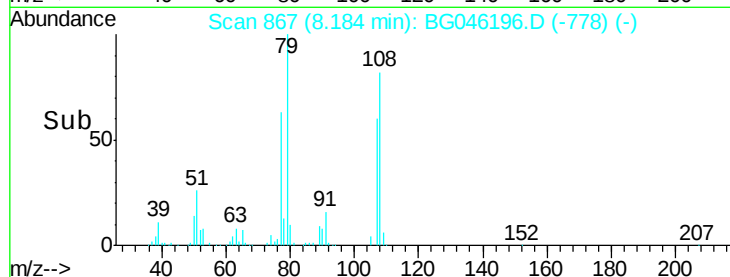
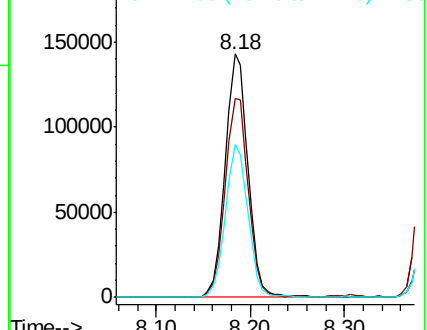
79 100

108 81.6 64.1 96.1

77 63.0 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.575 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

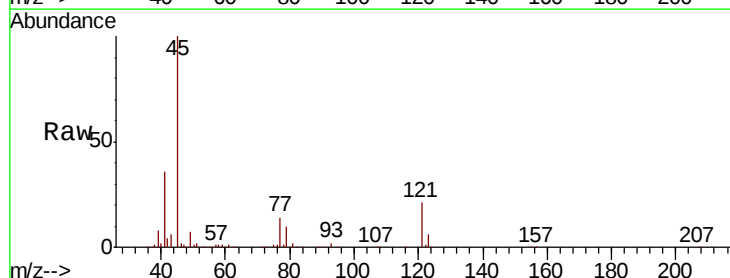
Tgt Ion: 45 Resp: 401570

Ion Ratio Lower Upper

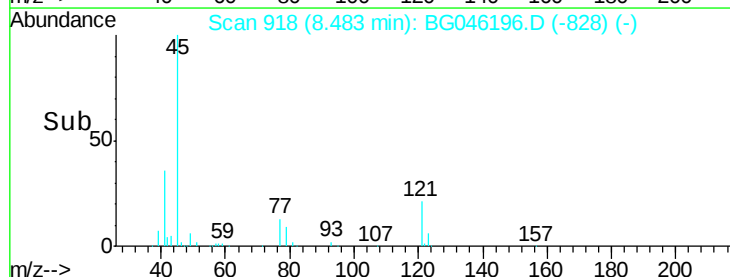
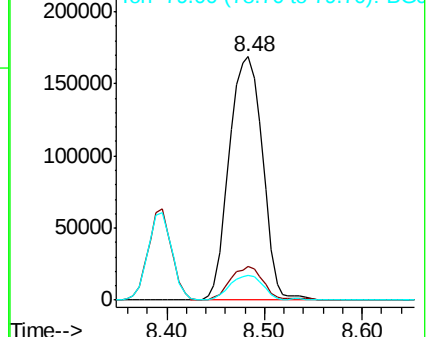
45 100

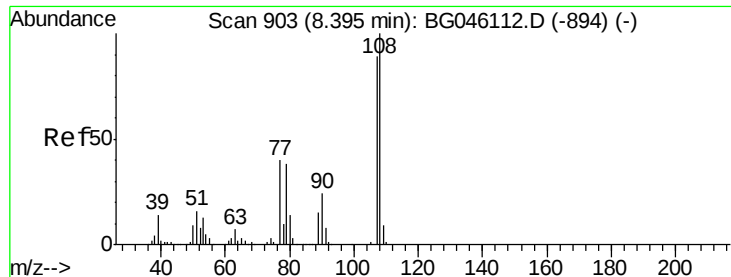
77 14.0 0.0 31.9

79 10.1 0.0 29.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 44.964 ng

RT: 8.40 min Scan# 903

Delta R.T. 0.00 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

Tot Ion:107 Resp: 248773

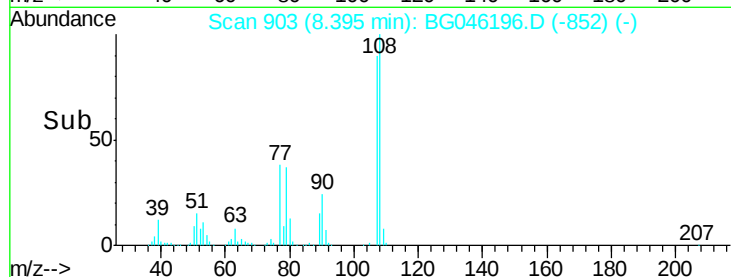
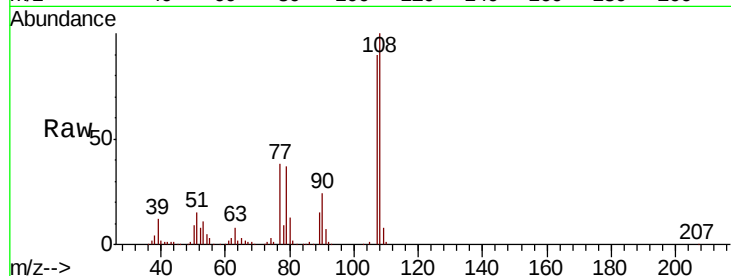
Ion Ratio Lower Upper

107 100

108 110.5 90.0 135.0

77 42.5 35.6 53.4

79 40.9 34.4 51.6

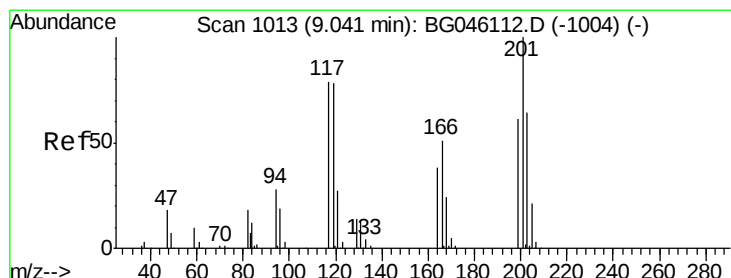
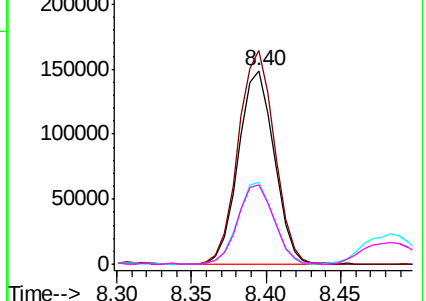


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.387 ng

RT: 9.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

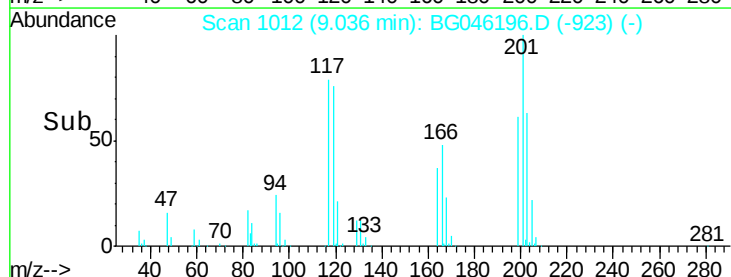
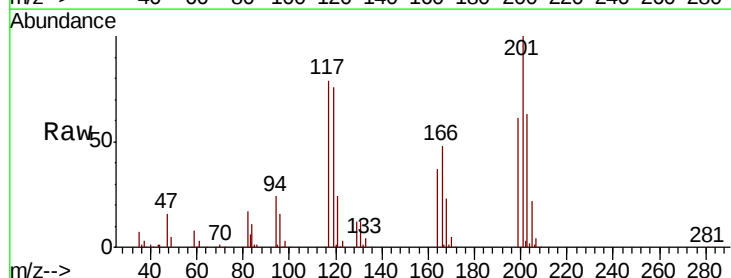
Tgt Ion:117 Resp: 111443

Ion Ratio Lower Upper

117 100

119 95.0 78.5 117.7

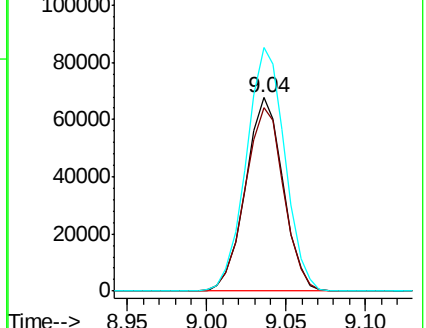
201 125.8 101.0 151.4

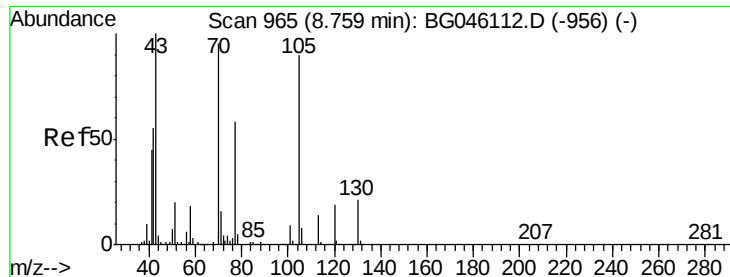


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

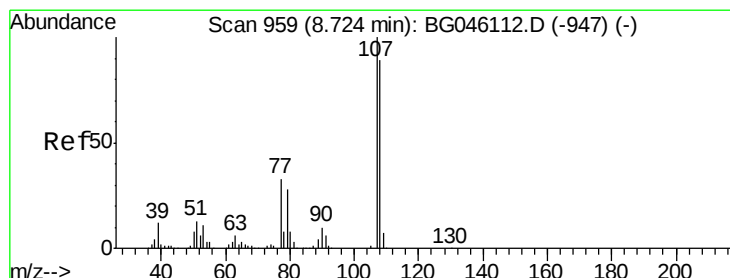
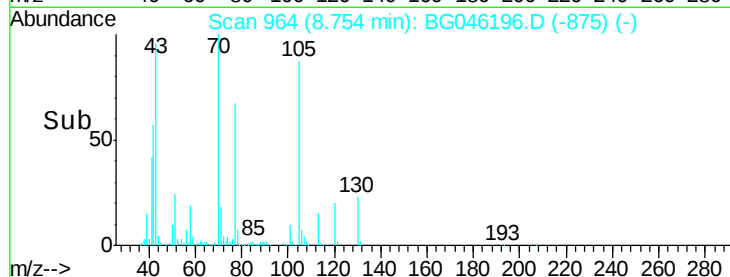
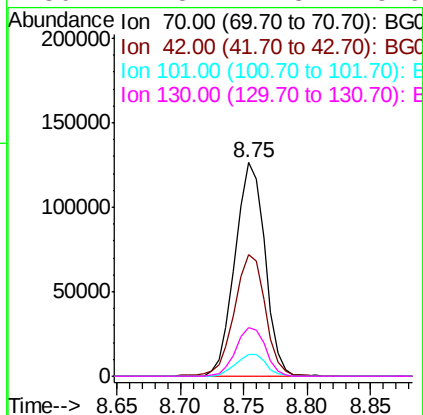
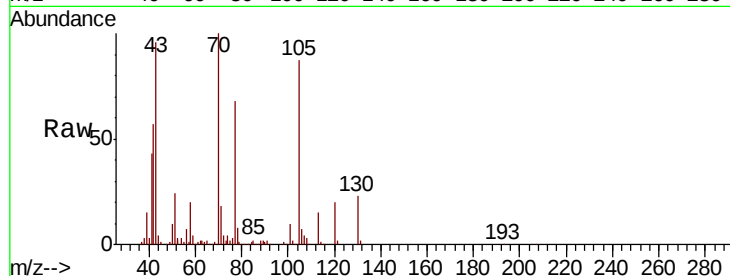




#19
n-Nitroso-di-n-propylamine
Concen: 39.072 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

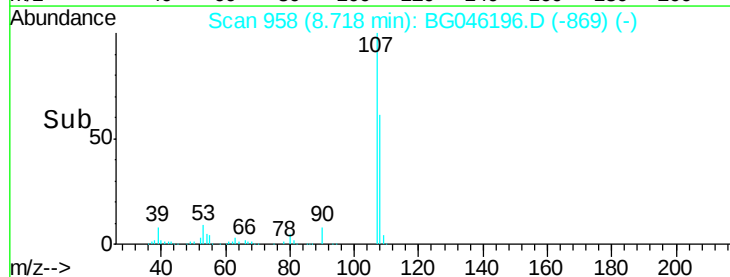
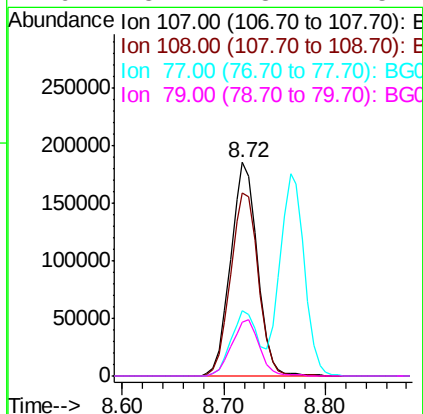
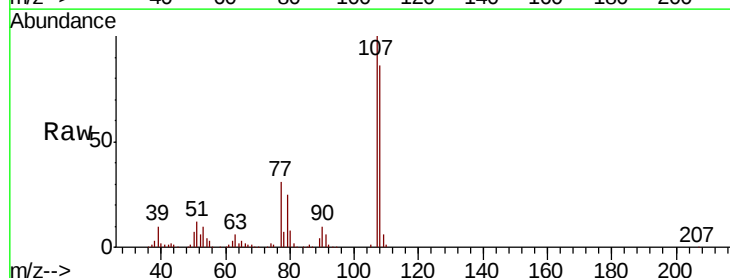
Instrument :
BNA_G
ClientSampleId :
TP-2MSD

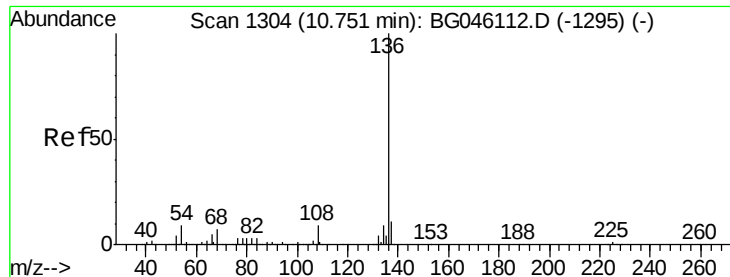
Tot Ion:	70	Resp:	207412
Ion	Ratio	Lower	Upper
70	100		
42	56.7	46.5	69.7
101	10.2	7.6	11.4
130	22.8	17.3	25.9



#20
3+4-Methylphenols
Concen: 44.852 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt Ion:	107	Resp:	339657
Ion	Ratio	Lower	Upper
107	100		
108	85.6	69.1	109.1
77	30.7	12.5	52.5
79	25.4	8.4	48.4

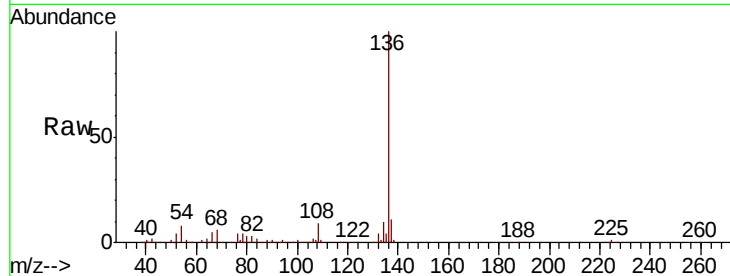




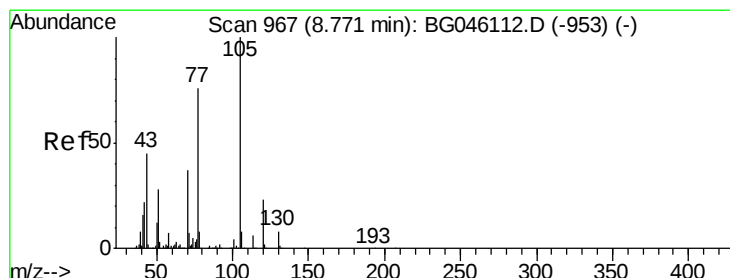
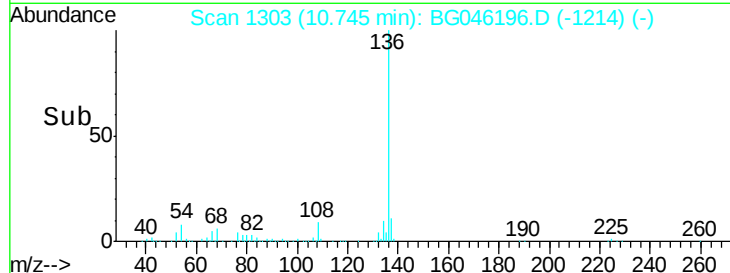
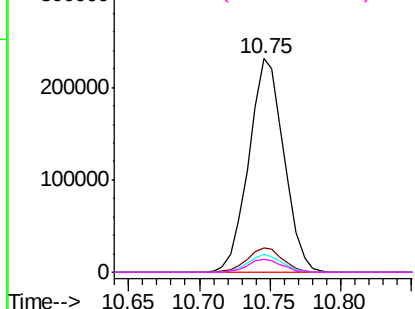
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tot Ion:136	Resp:	403346	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	8.8	13.2	
54 8.1	7.0	10.4	
68 6.0	5.3	7.9	

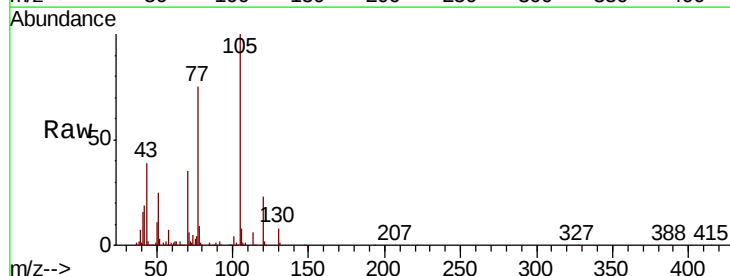


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

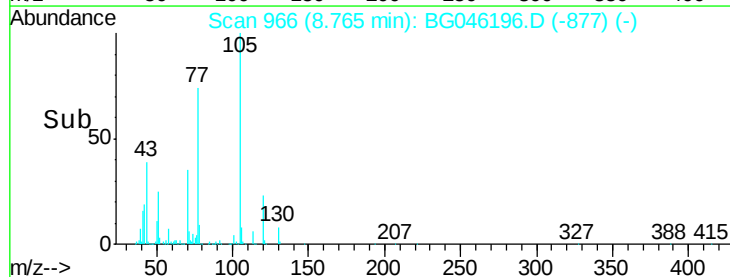
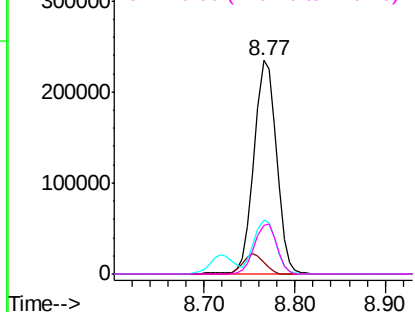


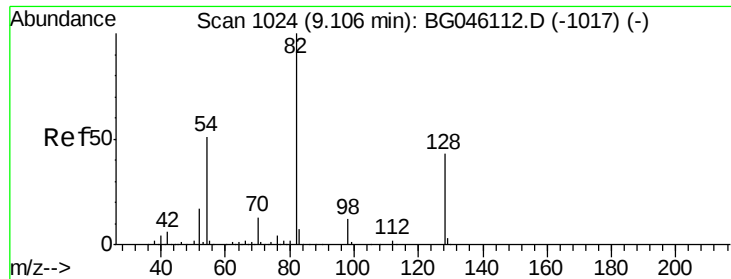
#22
Acetophenone
Concen: 39.347 ng
RT: 8.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt	Ion:105	Resp:	407292
Ion	Ratio	Lower	Upper
105	100		
71	5.5	5.3	7.9
51	25.3	22.7	34.1
120	23.0	18.7	28.1



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

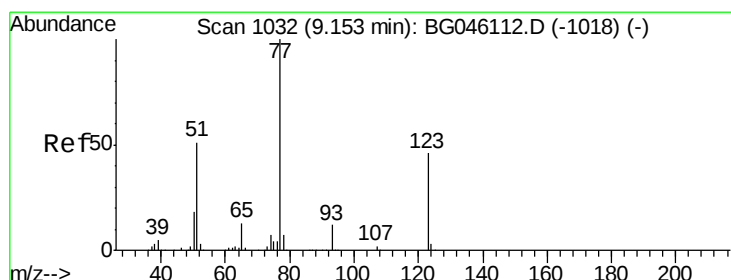
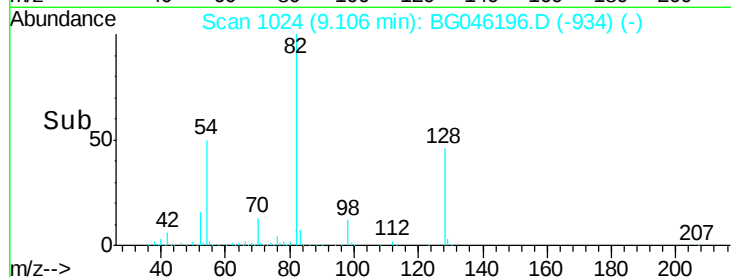
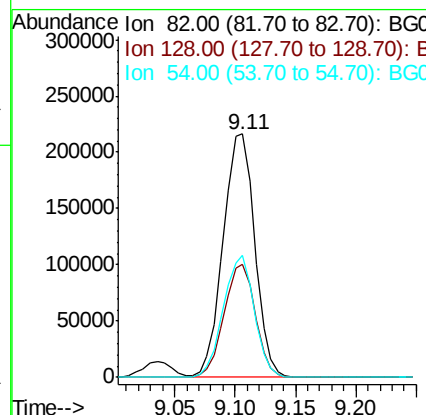
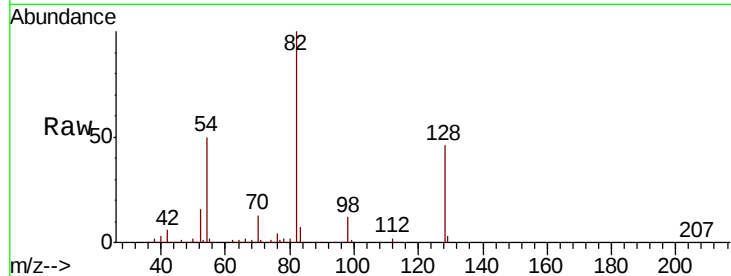




#23
Nitrobenzene-d5
Concen: 52.658 ng
RT: 9.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

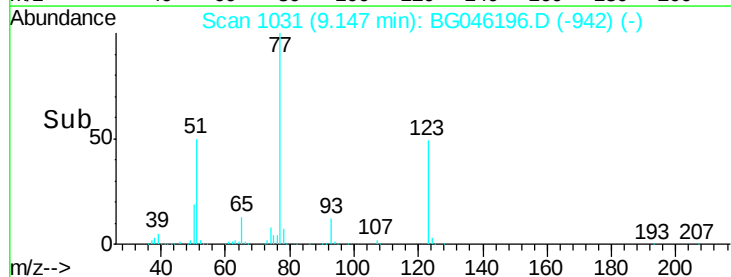
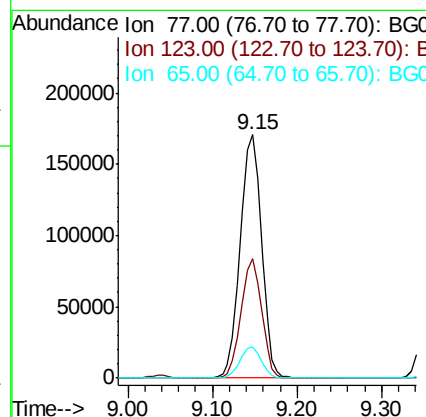
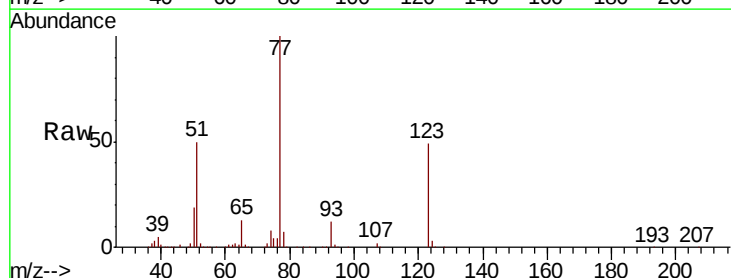
Instrument :
BNA_G
ClientSampleId :
TP-2MSD

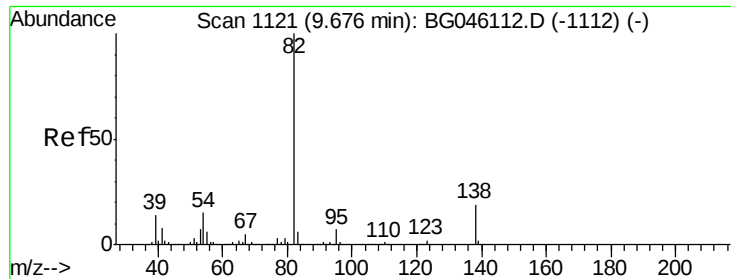
Tot Ion	82	Resp	392287
Ion Ratio	Lower	Upper	
82	100		
128	46.3	34.4	51.6
54	50.3	40.8	61.2



#24
Nitrobenzene
Concen: 37.420 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt Ion	77	Resp	297214
Ion Ratio	Lower	Upper	
77	100		
123	49.2	36.8	55.2
65	12.8	10.2	15.2





#25

Isophorone

Concen: 38.668 ng

RT: 9.67 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

ClientSampled :

TP-2MSD

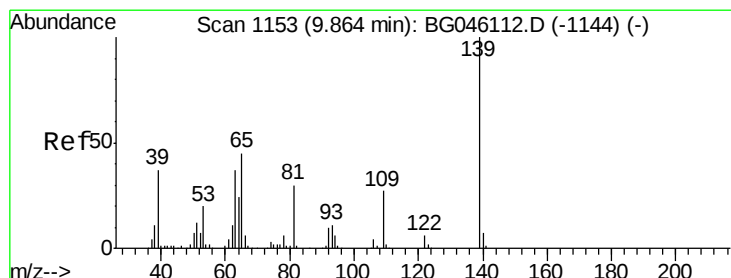
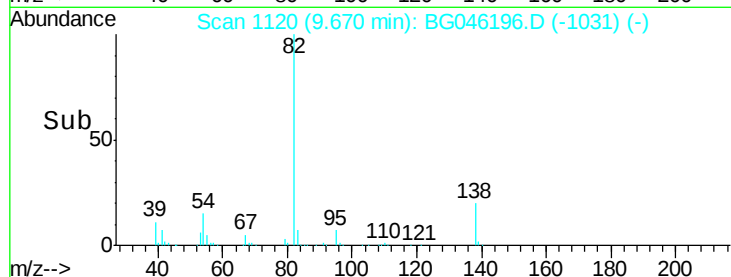
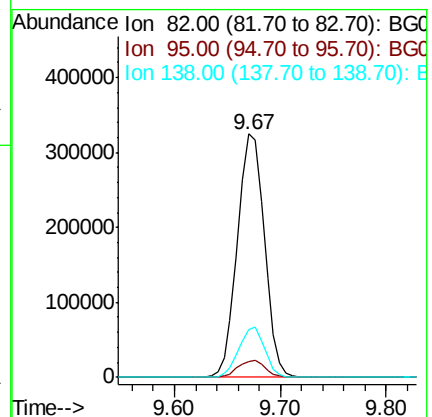
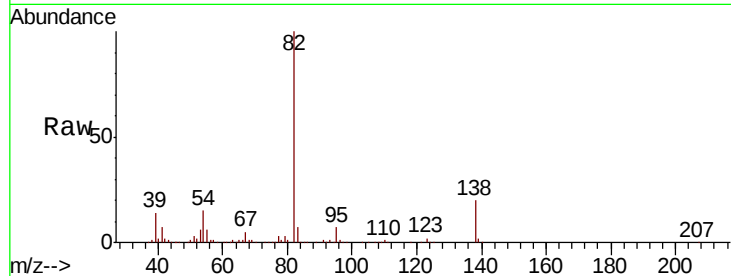
Tot Ion: 82 Resp: 573203

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

138 19.5 15.3 22.9



#26

2-Nitrophenol

Concen: 47.979 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

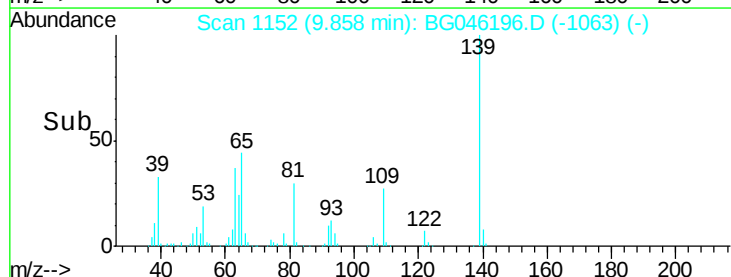
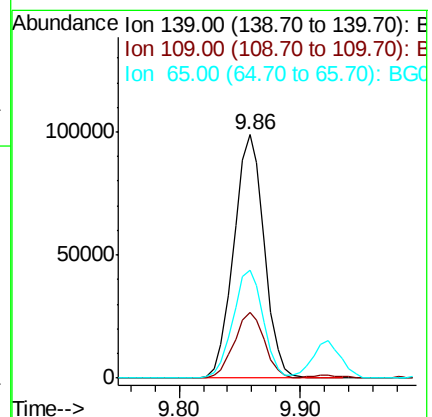
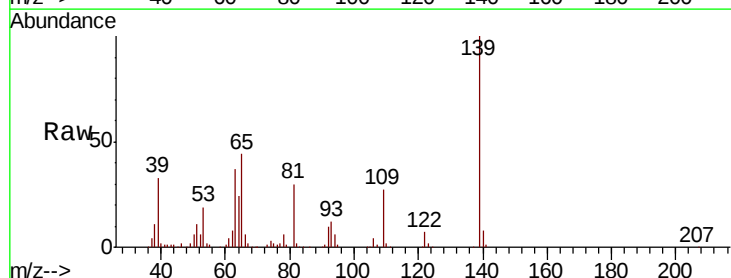
Tgt Ion: 139 Resp: 172712

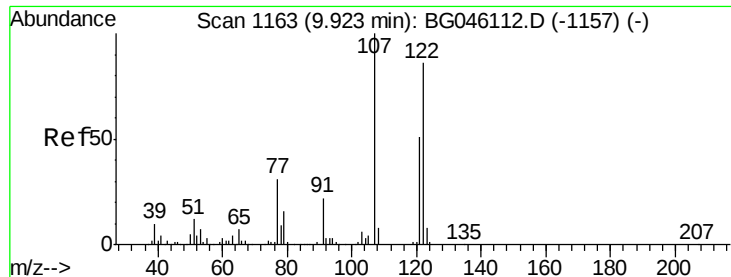
Ion Ratio Lower Upper

139 100

109 27.2 21.8 32.8

65 44.2 36.2 54.2

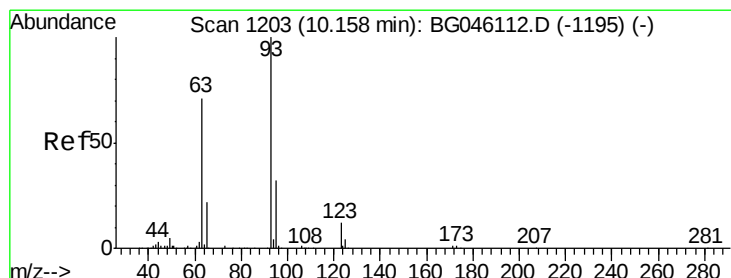
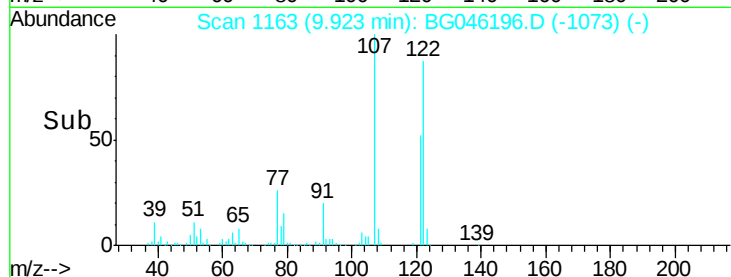
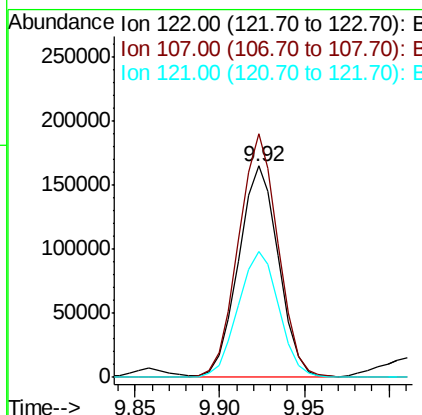
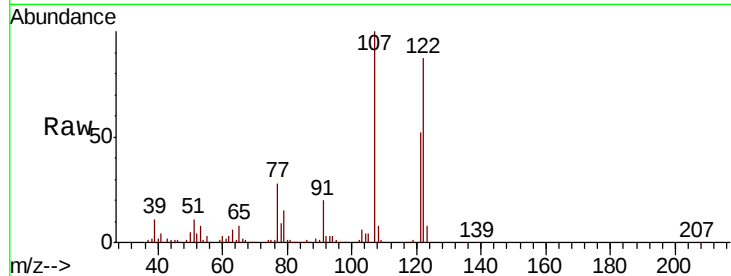




#27
 2,4-Dimethylphenol
 Concen: 45.979 ng
 RT: 9.92 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BG046196.D
 Acq: 7 Aug 2020 16:54

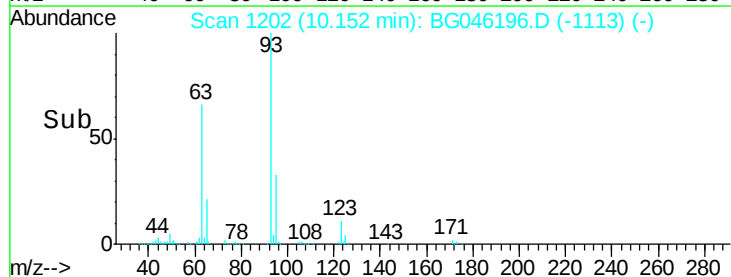
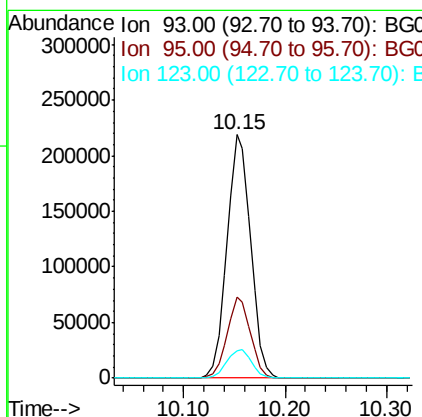
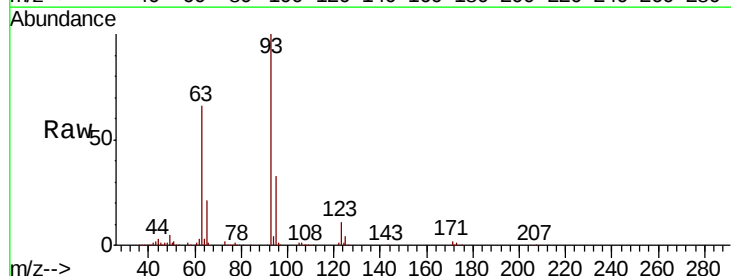
Instrument :
 BNA_G
 ClientSampled :
 TP-2MSD

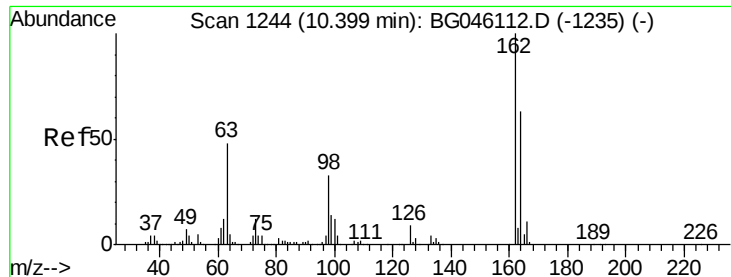
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.1	92.4	138.6
121	59.4	47.0	70.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.899 ng
 RT: 10.15 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BG046196.D
 Acq: 7 Aug 2020 16:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.0	39.0
123	11.4	9.7	14.5

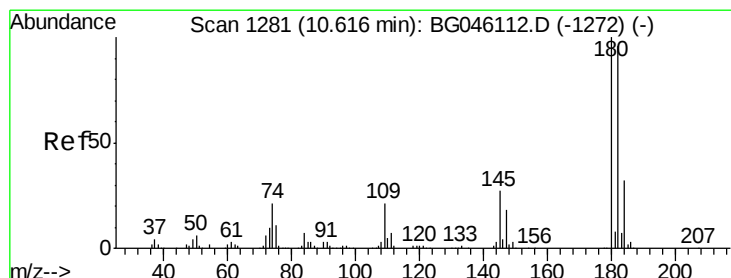
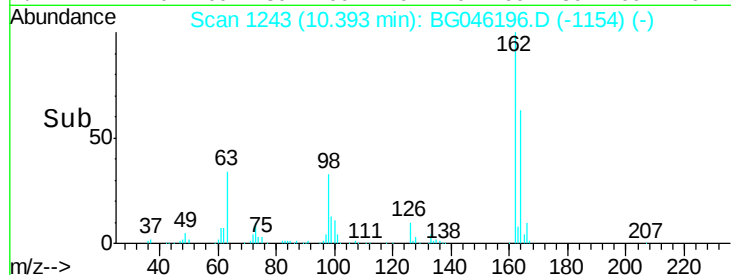
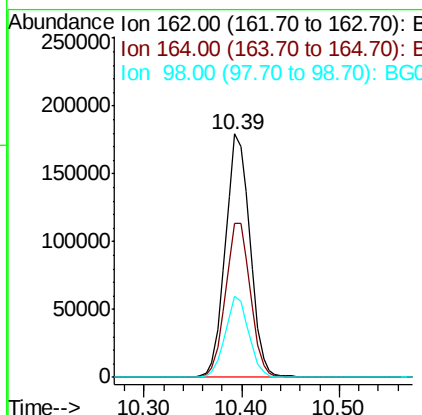
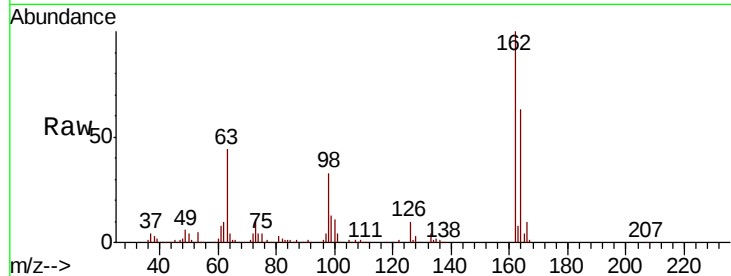




#29
2,4-Dichlorophenol
Concen: 45.627 ng
RT: 10.39 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

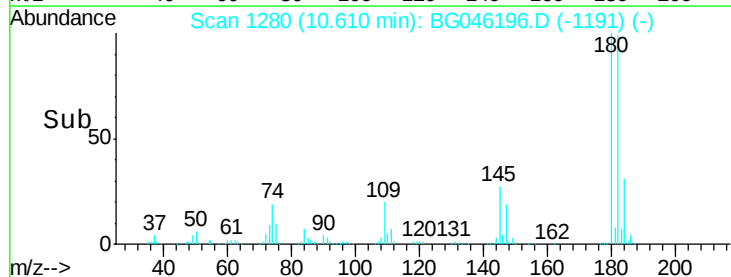
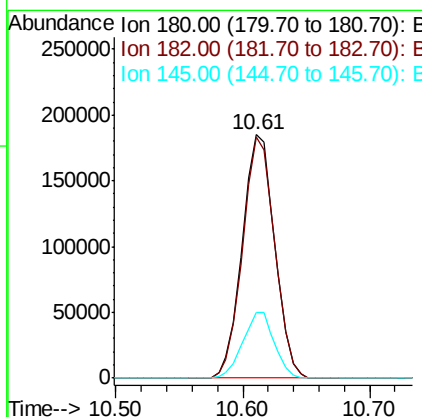
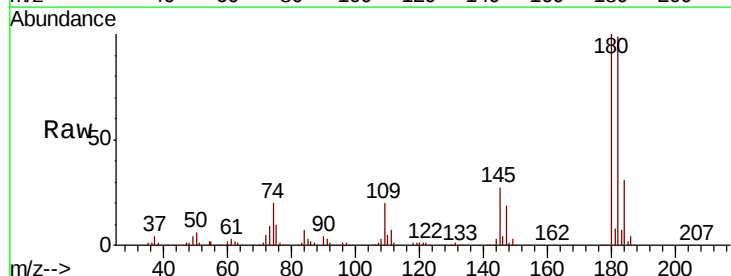
Instrument :
BNA_G
ClientSampleId :
TP-2MSD

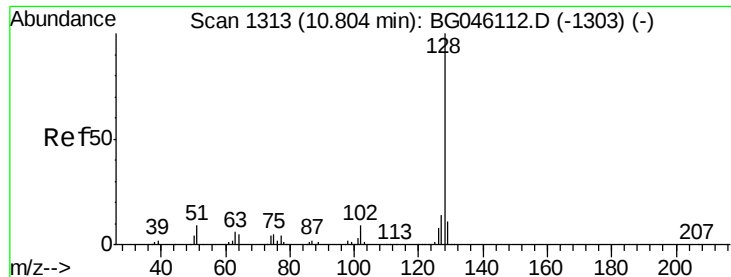
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.3	83.3
98	33.5	13.1	53.1



#30
1,2,4-Trichlorobenzene
Concen: 40.686 ng
RT: 10.61 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.1	76.7	115.1
145	27.2	21.8	32.8

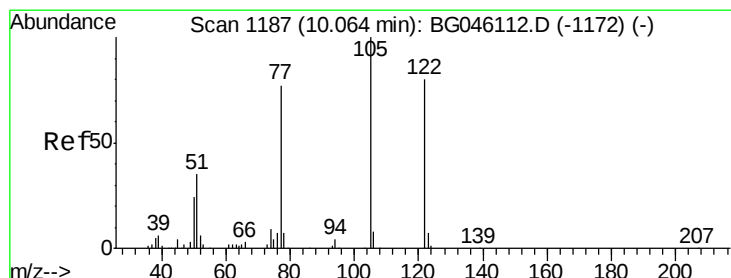
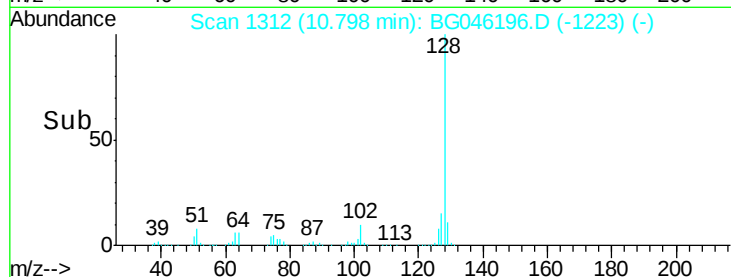
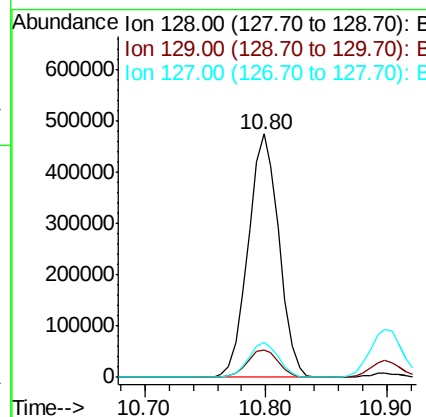
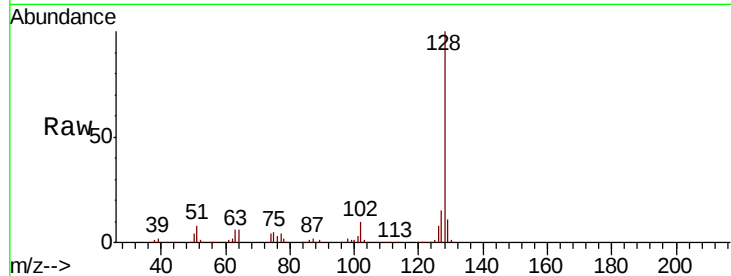




#31
Naphthalene
Concen: 39.390 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

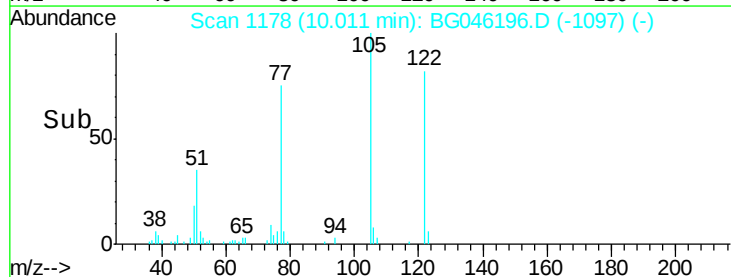
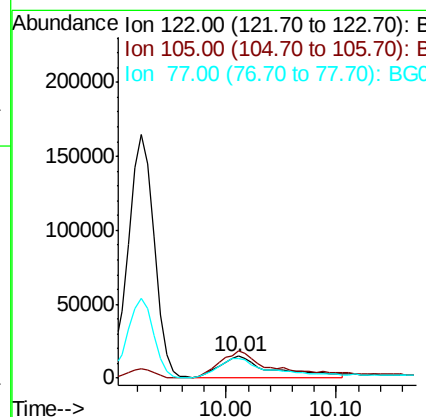
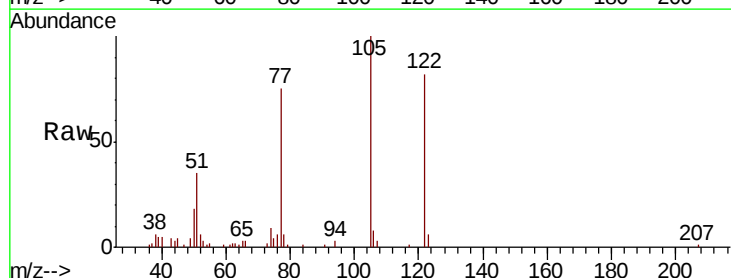
Instrument :
BNA_G
ClientSampleId :
TP-2MSD

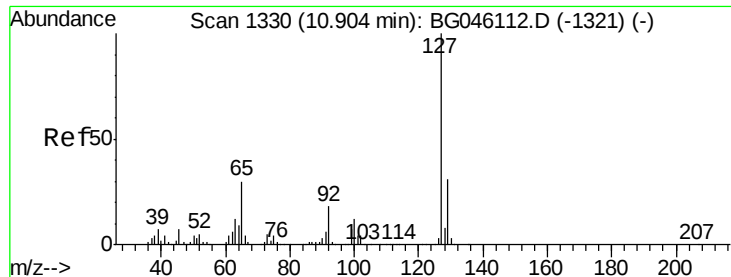
Tot Ion:128 Resp: 840660
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 14.5 11.3 16.9



#32
Benzoic acid
Concen: 17.900 ng
RT: 10.01 min Scan# 1178
Delta R.T. -0.05 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt Ion:122 Resp: 45467
Ion Ratio Lower Upper
122 100
105 121.9 103.0 143.0
77 91.0 75.2 115.2

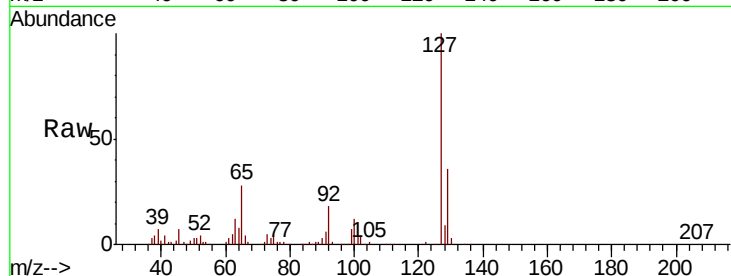




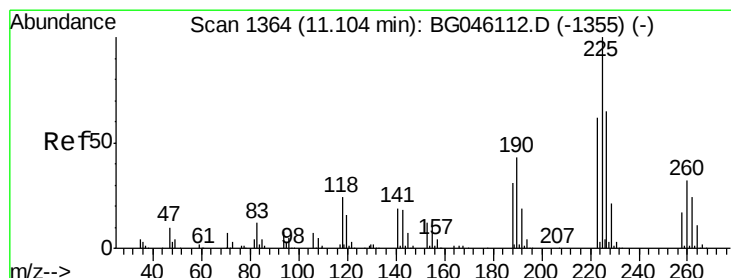
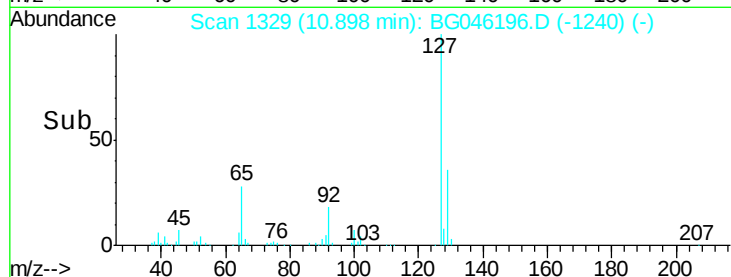
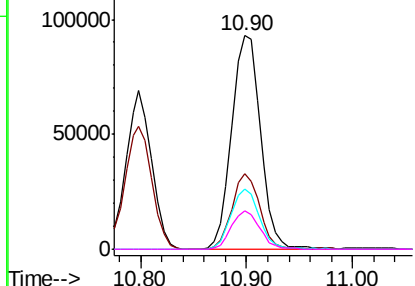
#33
4-Chloroaniline
Concen: 20.174 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tot Ion:127	Resp:	175938
Ion Ratio	Lower	Upper
127	100	
129	35.6	25.2 37.8
65	28.1	24.2 36.2
92	17.9	14.5 21.7

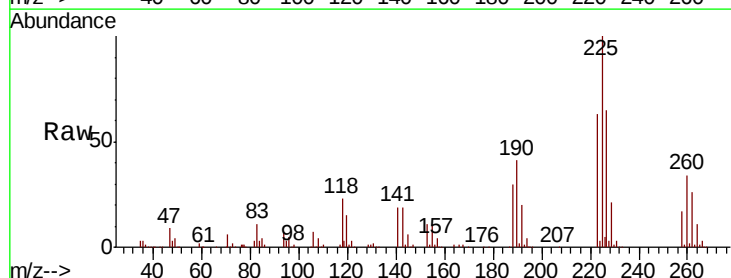


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

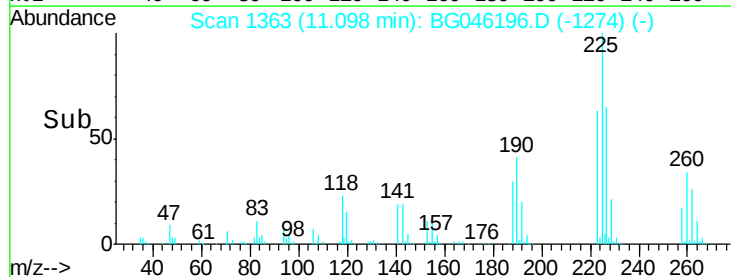
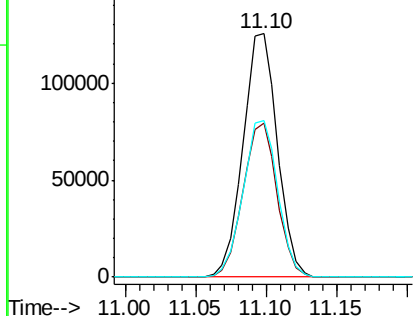


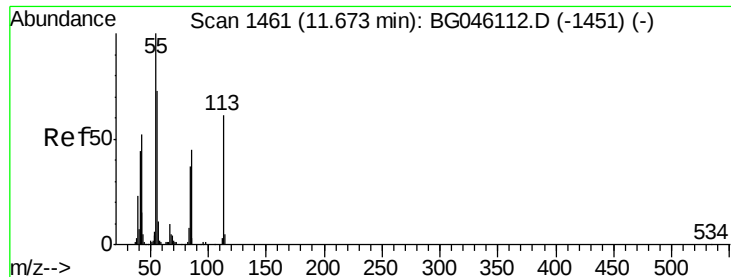
#34
Hexachlorobutadiene
Concen: 39.746 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt Ion:225	Resp:	213537
Ion Ratio	Lower	Upper
225	100	
223	63.0	49.8 74.6
227	64.5	51.9 77.9



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: 54.942 ng

RT: 11.67 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

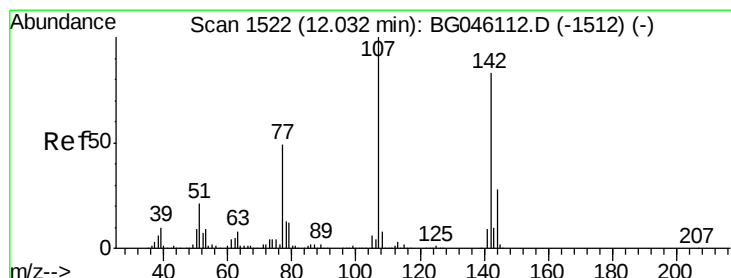
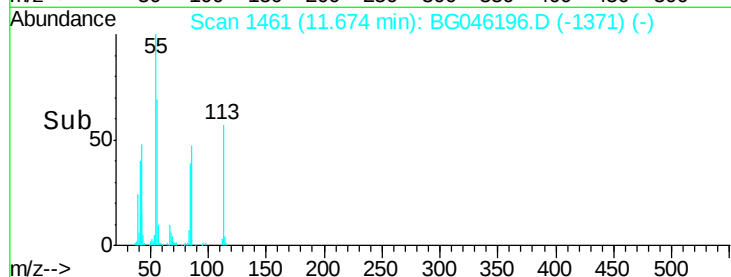
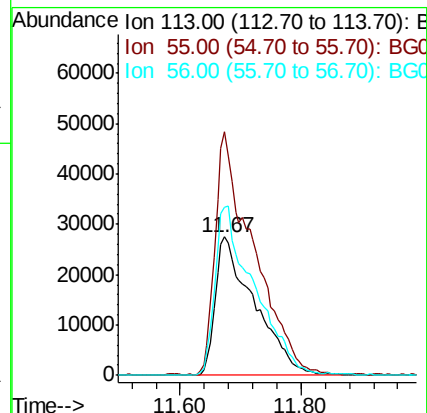
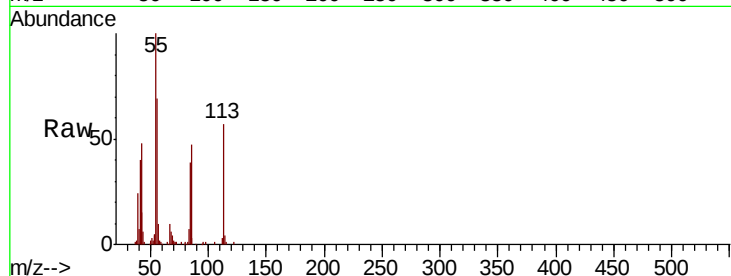
Tot Ion:113 Resp: 123889

Ion Ratio Lower Upper

113 100

55 176.0 144.7 184.7

56 121.6 99.4 139.4



#36

4-Chloro-3-methylphenol

Concen: 45.860 ng

RT: 12.03 min Scan# 1521

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

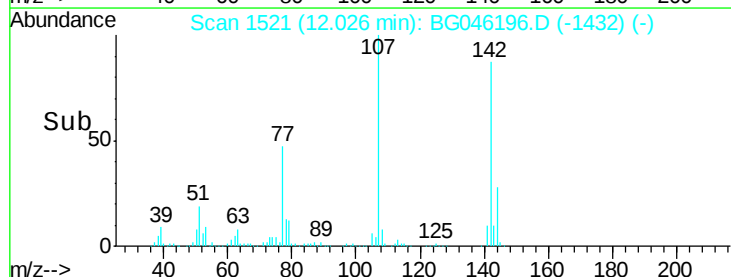
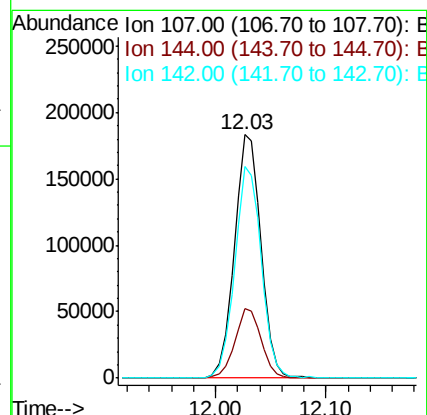
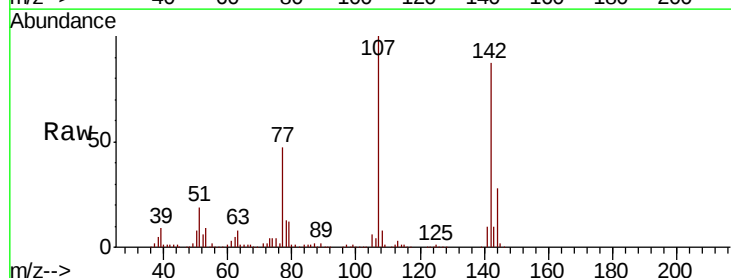
Tgt Ion:107 Resp: 310051

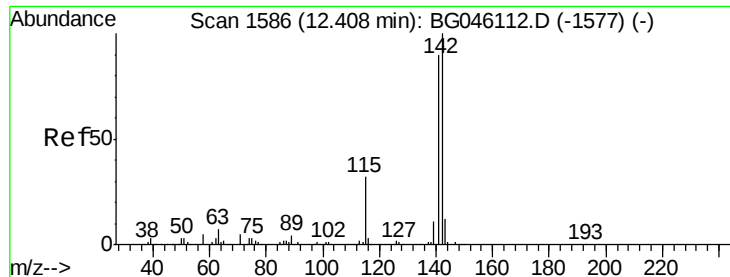
Ion Ratio Lower Upper

107 100

144 28.4 22.4 33.6

142 86.8 66.6 100.0

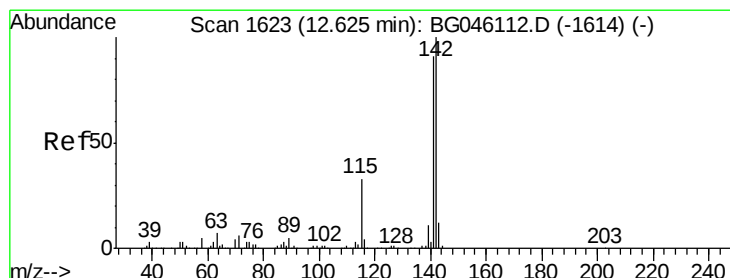
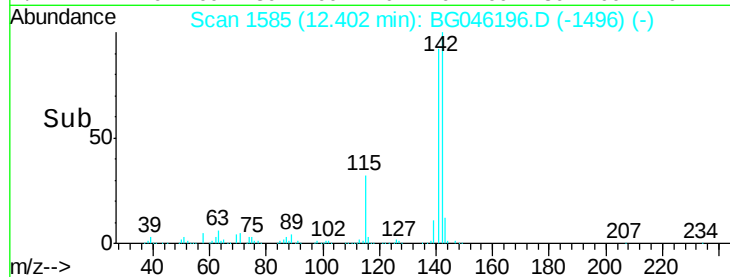
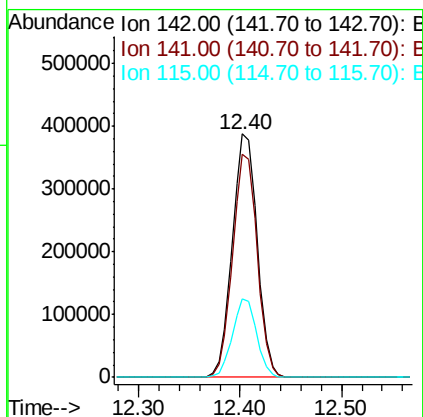
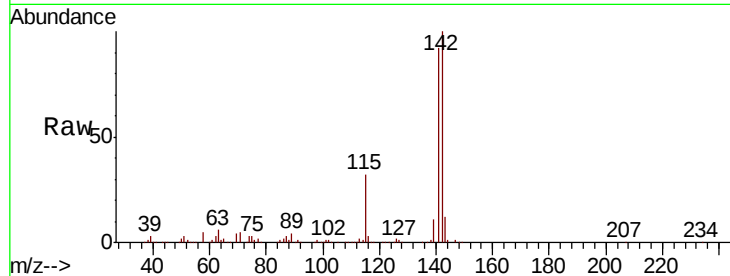




#37
2-Methylnaphthalene
Concen: 40.256 ng
RT: 12.40 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

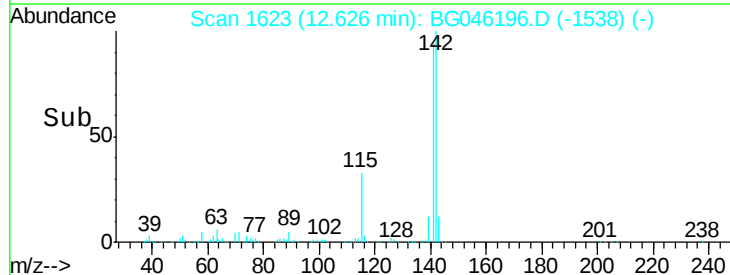
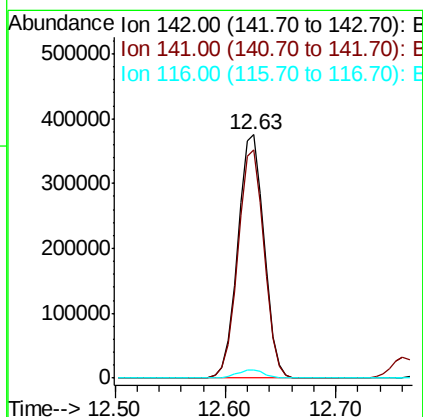
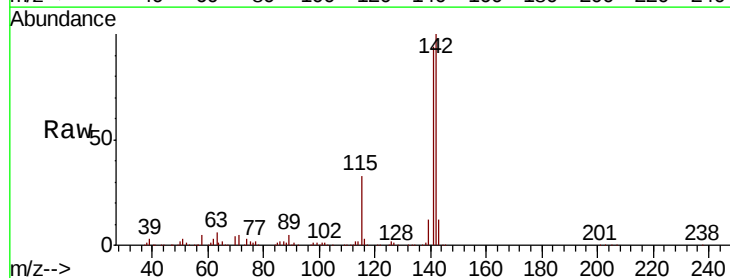
Instrument :
BNA_G
ClientSampleId :
TP-2MSD

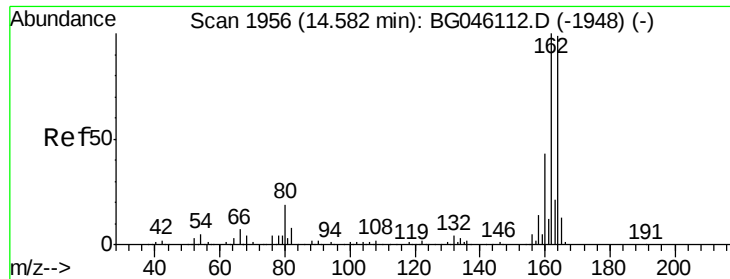
Tot Ion:142 Resp: 661075
Ion Ratio Lower Upper
142 100
141 91.7 71.7 107.5
115 32.3 25.8 38.8



#38
1-Methylnaphthalene
Concen: 40.409 ng
RT: 12.63 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt Ion:142 Resp: 627946
Ion Ratio Lower Upper
142 100
141 93.7 73.0 109.4
116 3.2 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

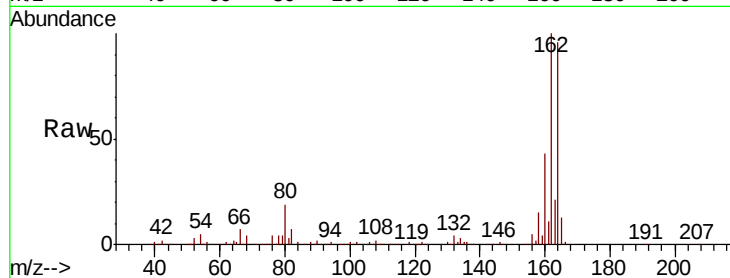
Tot Ion:164 Resp: 278754

Ion Ratio Lower Upper

164 100

162 104.2 80.6 121.0

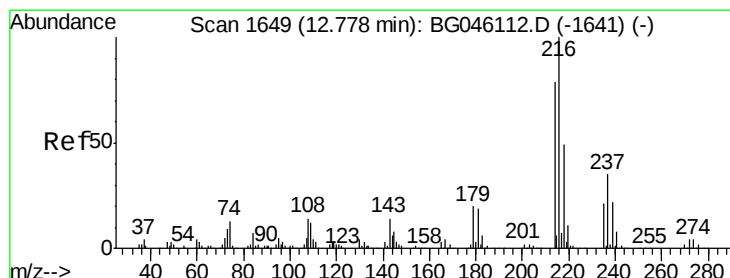
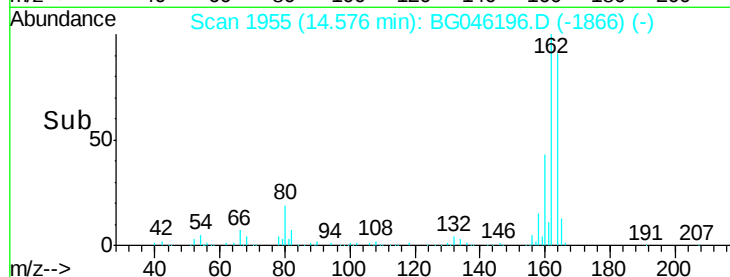
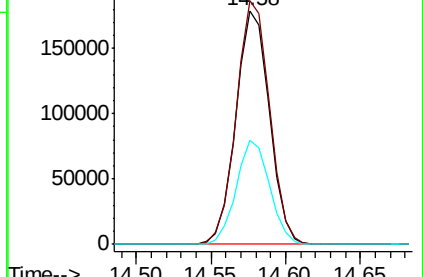
160 44.7 34.9 52.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.439 ng

RT: 12.78 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Tgt Ion:216 Resp: 386069

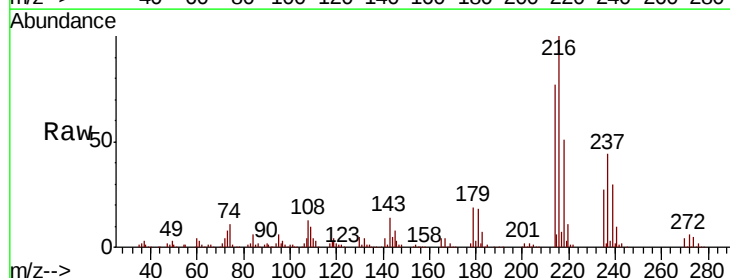
Ion Ratio Lower Upper

216 100

214 78.0 62.7 94.1

179 18.8 15.0 22.6

108 15.5 11.6 17.4

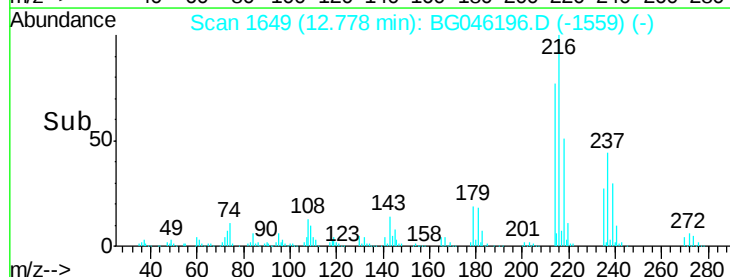
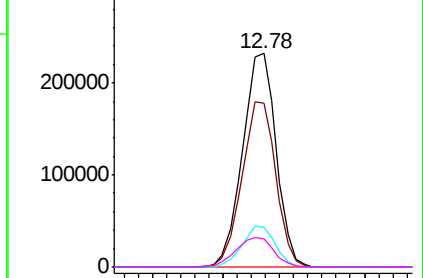


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 87.208 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

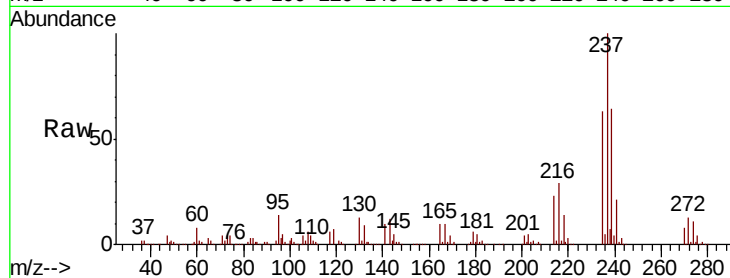
Tot Ion:237 Resp: 502395

Ion Ratio Lower Upper

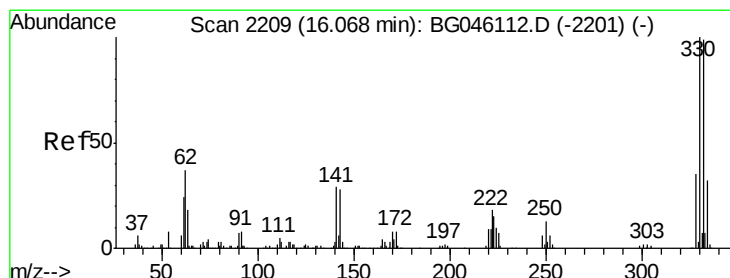
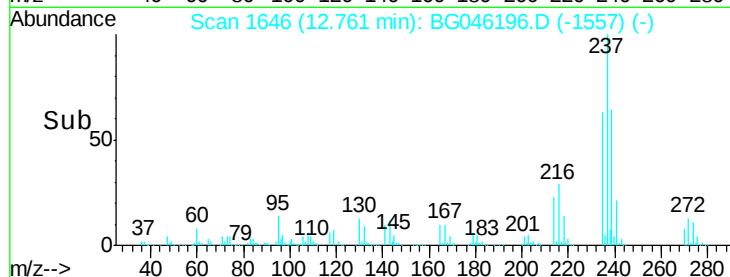
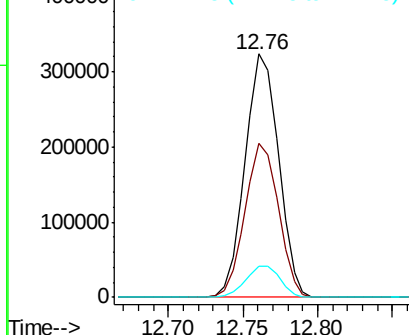
237 100

235 63.1 42.3 82.3

272 13.0 0.0 32.7



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: 96.080 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

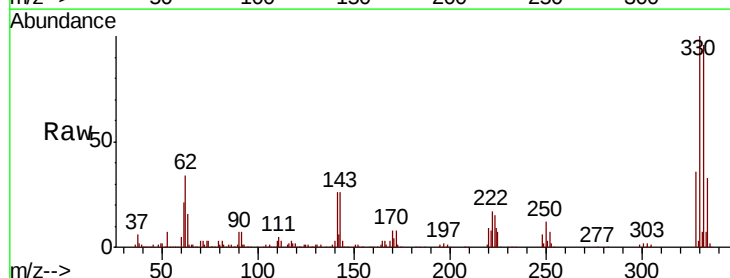
Tgt Ion:330 Resp: 411378

Ion Ratio Lower Upper

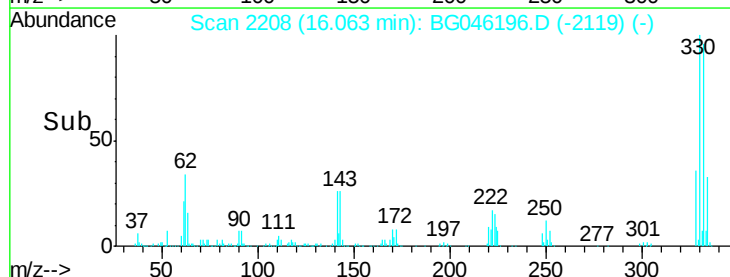
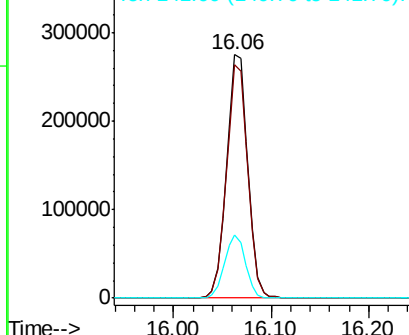
330 100

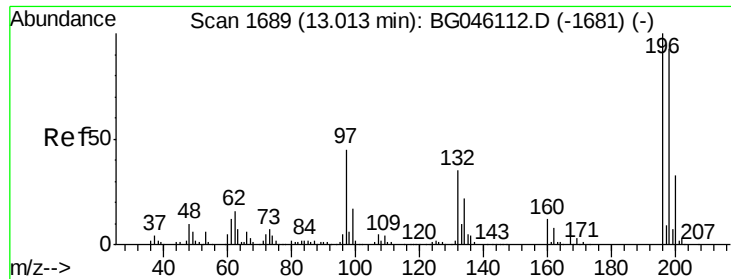
332 96.2 77.4 116.2

141 25.9 23.4 35.0



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

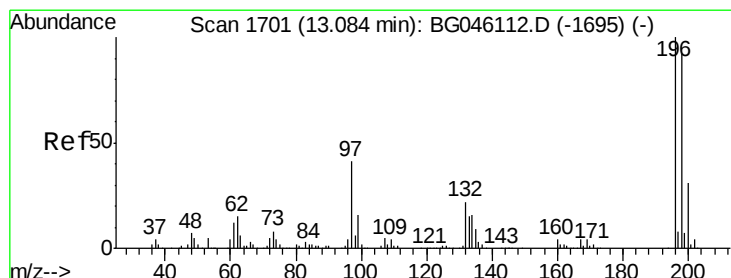
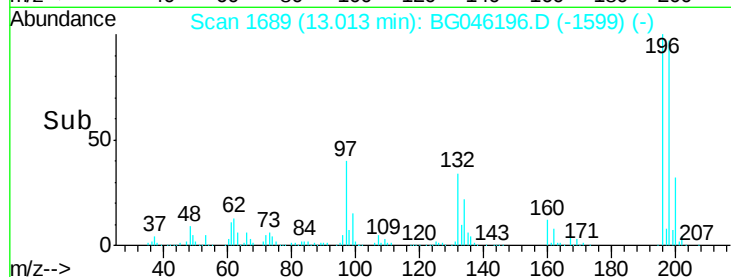
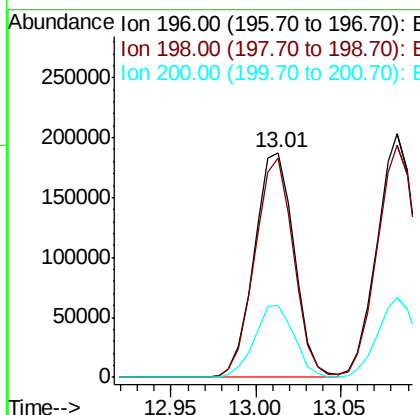
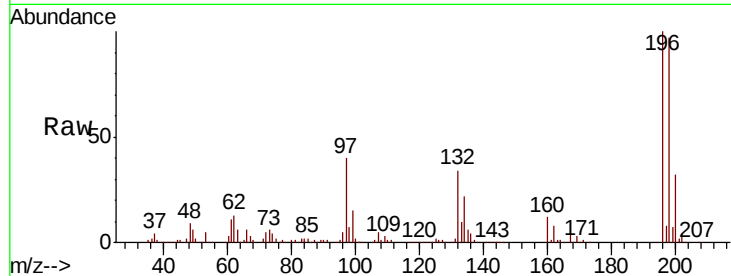




#43
2,4,6-Trichlorophenol
Concen: 48.106 ng
RT: 13.01 min Scan# 1689
Delta R.T. 0.00 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

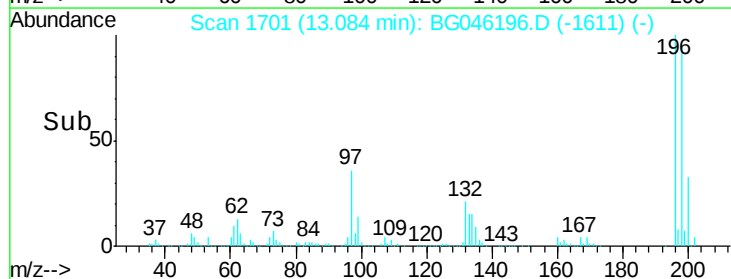
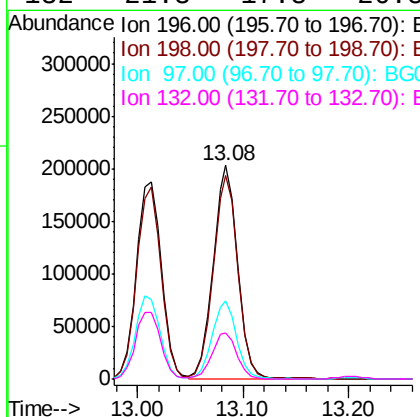
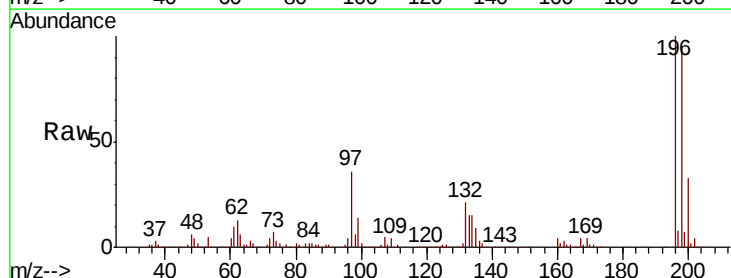
Instrument :
BNA_G
ClientSampleId :
TP-2MSD

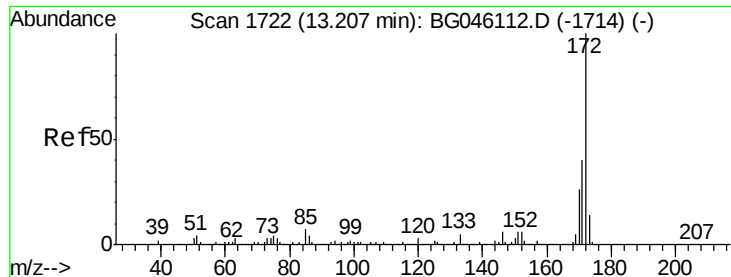
Tot Ion:196 Resp: 308252
Ion Ratio Lower Upper
196 100
198 97.3 74.2 111.4
200 32.3 26.0 39.0



#44
2,4,5-Trichlorophenol
Concen: 46.861 ng
RT: 13.08 min Scan# 1701
Delta R.T. 0.00 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt Ion:196 Resp: 327630
Ion Ratio Lower Upper
196 100
198 95.1 73.9 110.9
97 36.3 32.7 49.1
132 21.3 17.8 26.8



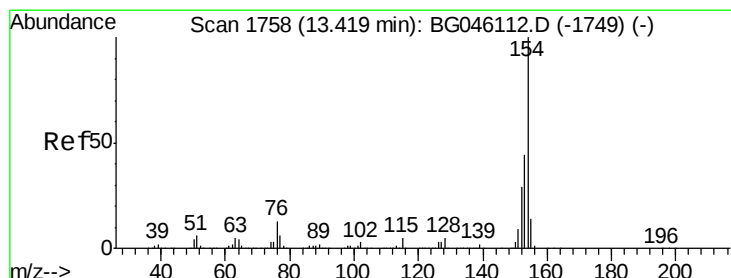
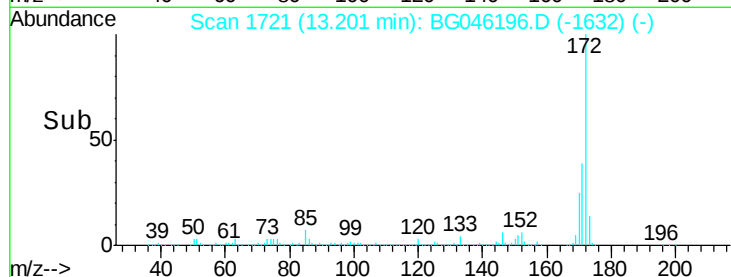
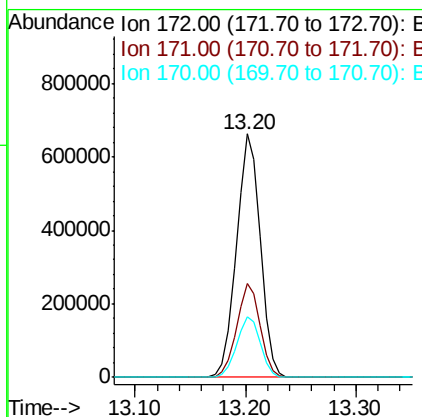
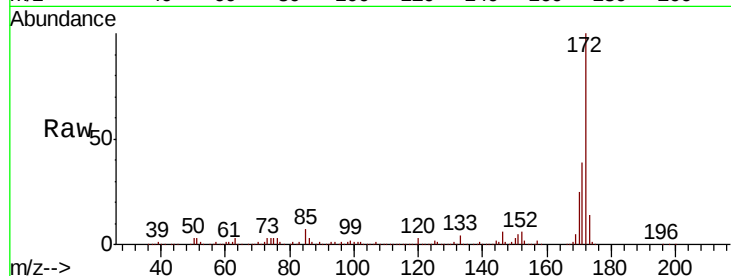


#45
 2-Fluorobiphenyl
 Concen: 52.247 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG046196.D
 Acq: 7 Aug 2020 16:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-2MSD

Tot Ion:172 Resp: 1002607

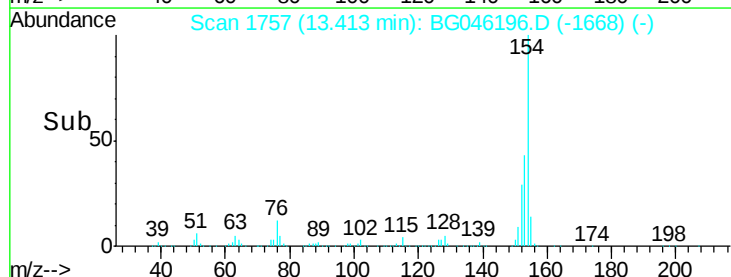
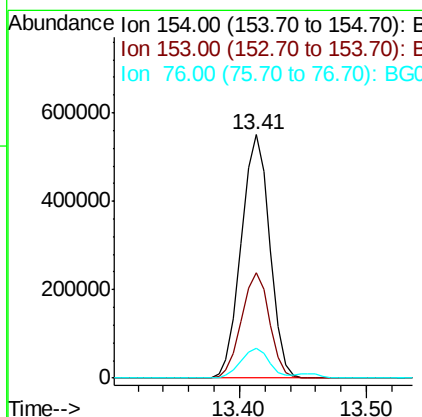
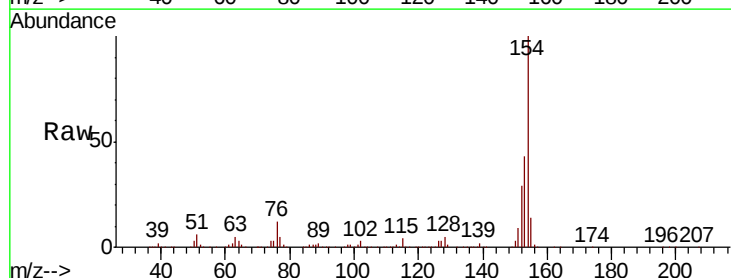
Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.7	47.5
170	24.8	20.9	31.3



#46
 1,1'-Biphenyl
 Concen: 39.175 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG046196.D
 Acq: 7 Aug 2020 16:54

Tgt Ion:154 Resp: 856643

Ion	Ratio	Lower	Upper
154	100		
153	43.0	23.7	63.7
76	12.3	0.0	32.9

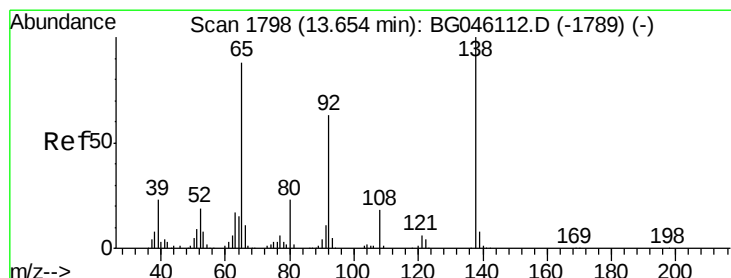
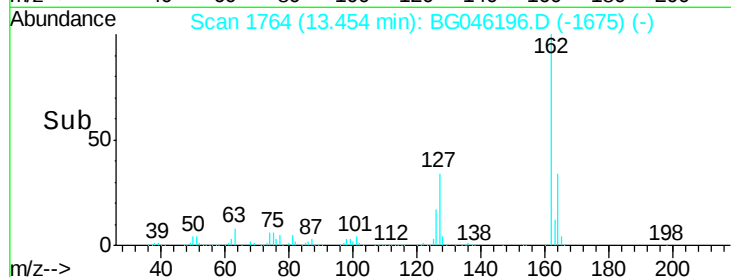
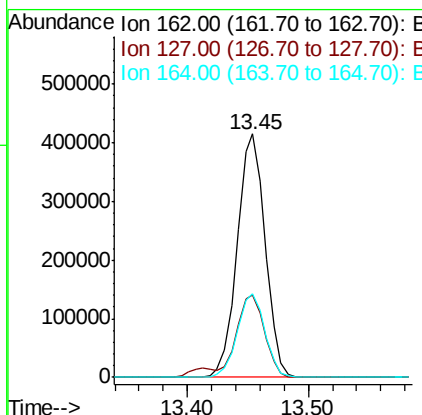
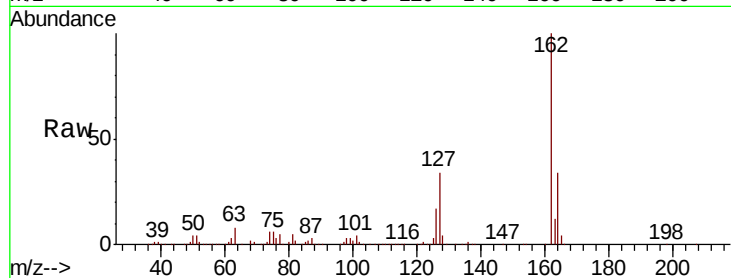




#47
2-Chloronaphthalene
Concen: 38.294 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

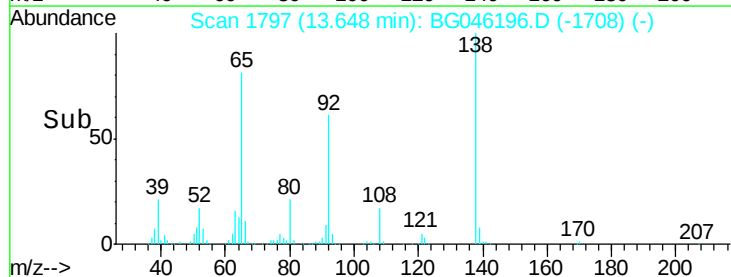
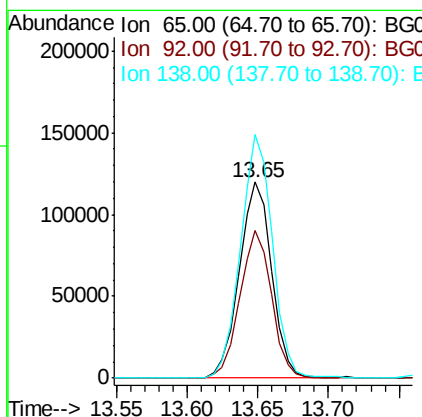
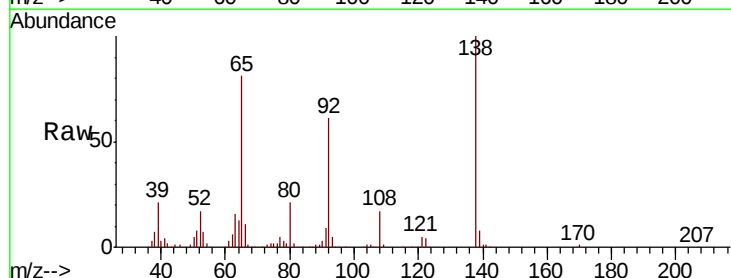
Instrument :
BNA_G
ClientSampled :
TP-2MSD

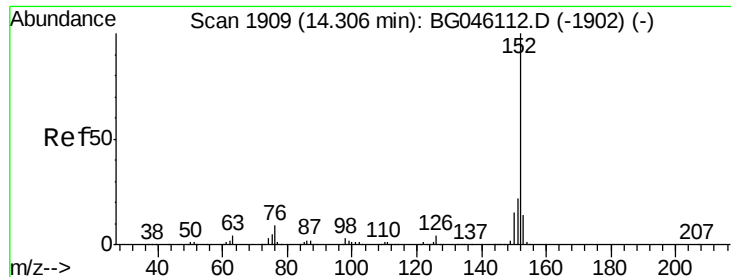
Tot Ion	Ratio	Lower	Upper
162	100		
127	34.0	28.0	42.0
164	34.3	26.5	39.7



#48
2-Nitroaniline
Concen: 42.102 ng
RT: 13.65 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.6	57.4	86.2
138	124.2	91.1	136.7





#49

Acenaphthylene

Concen: 39.634 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

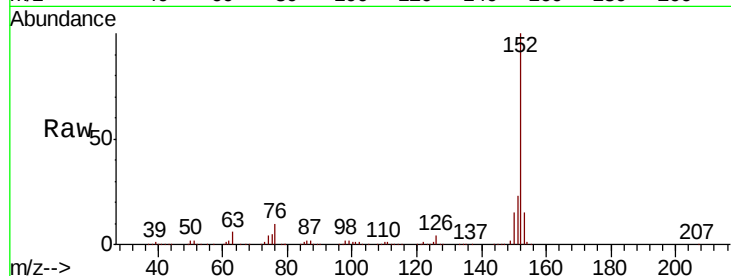
Tot Ion:152 Resp: 1073501

Ion Ratio Lower Upper

152 100

151 22.7 17.4 26.2

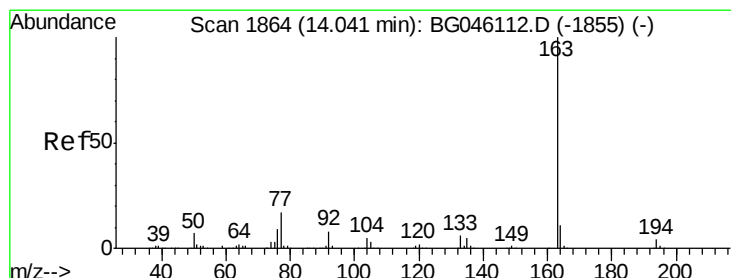
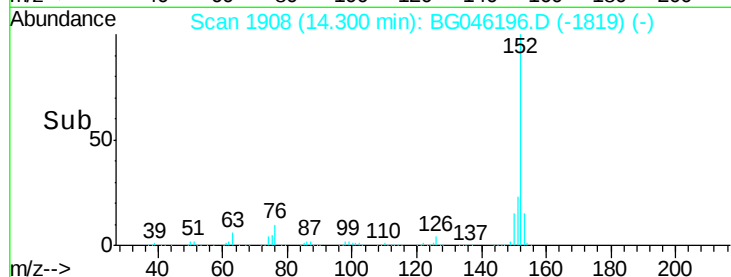
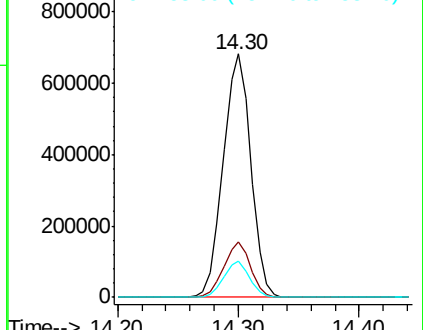
153 14.7 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.329 ng

RT: 14.04 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

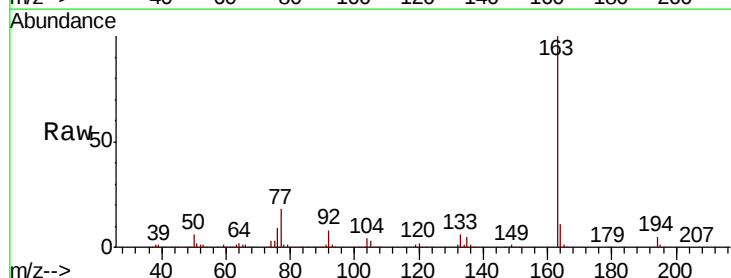
Tgt Ion:163 Resp: 1012587

Ion Ratio Lower Upper

163 100

194 4.9 3.5 5.3

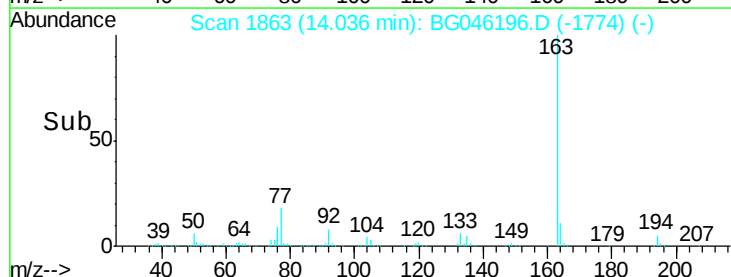
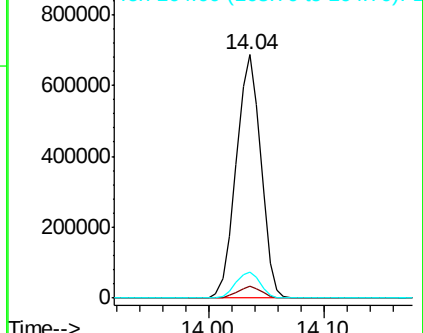
164 10.9 8.8 13.2

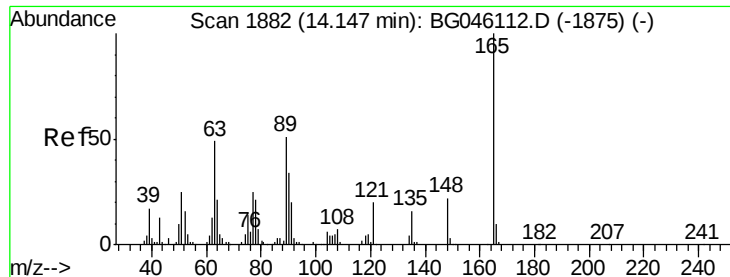


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

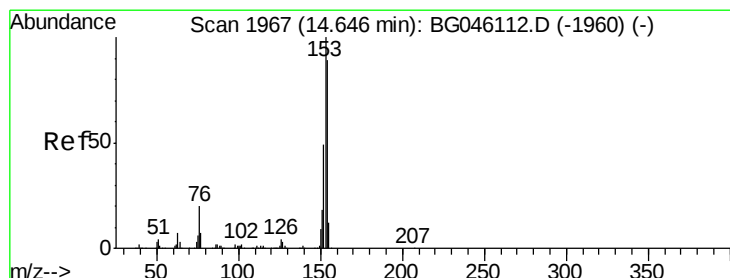
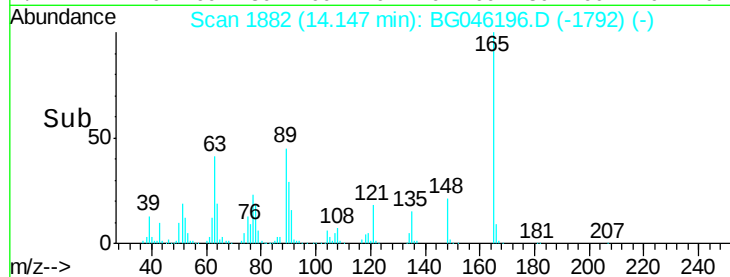
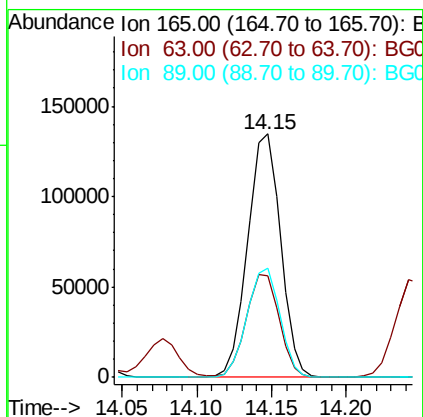
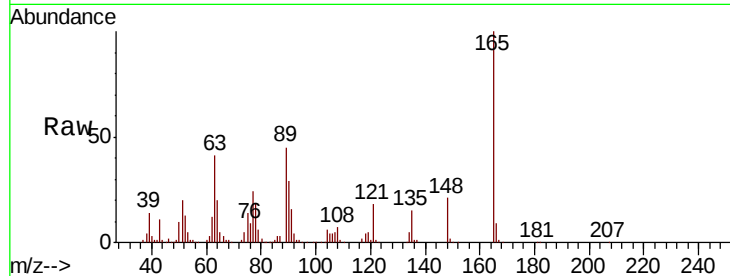




#51
 2,6-Dinitrotoluene
 Concen: 41.265 ng
 RT: 14.15 min Scan# 1882
 Delta R.T. 0.00 min
 Lab File: BG046196.D
 Acq: 7 Aug 2020 16:54

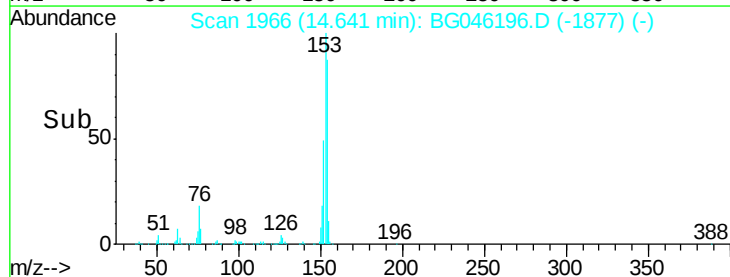
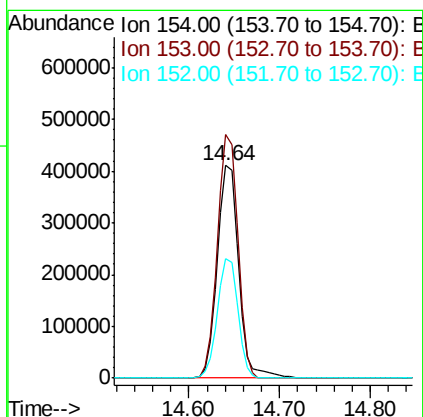
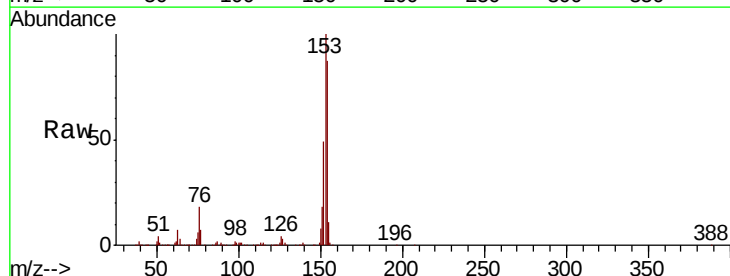
Instrument :
 BNA_G
 ClientSampleId :
 TP-2MSD

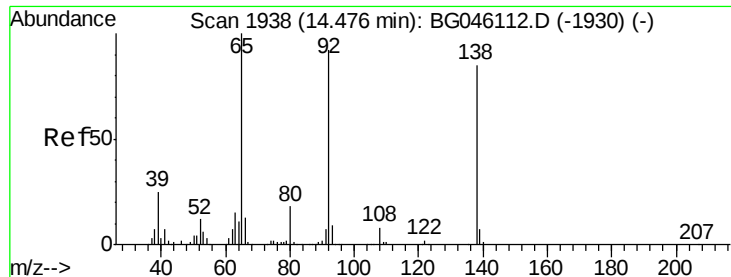
Tot Ion:165 Resp: 205469
 Ion Ratio Lower Upper
 165 100
 63 41.5 39.7 59.5
 89 44.7 41.0 61.6



#52
 Acenaphthene
 Concen: 37.539 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BG046196.D
 Acq: 7 Aug 2020 16:54

Tgt Ion:154 Resp: 671048
 Ion Ratio Lower Upper
 154 100
 153 114.5 89.8 134.8
 152 56.3 44.5 66.7

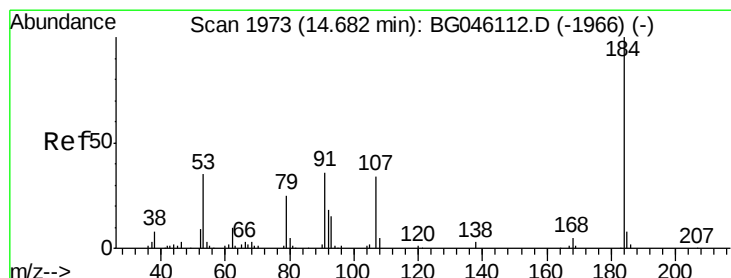
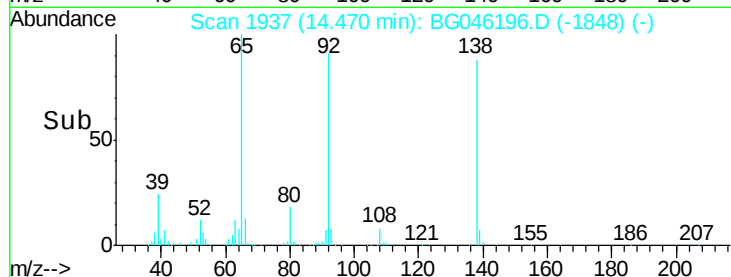
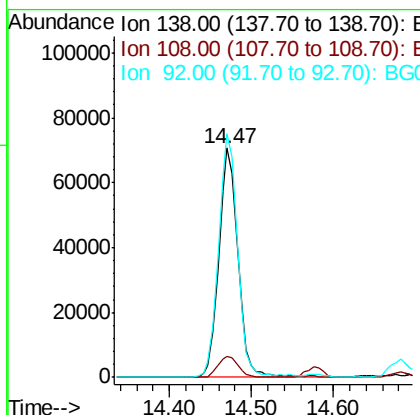
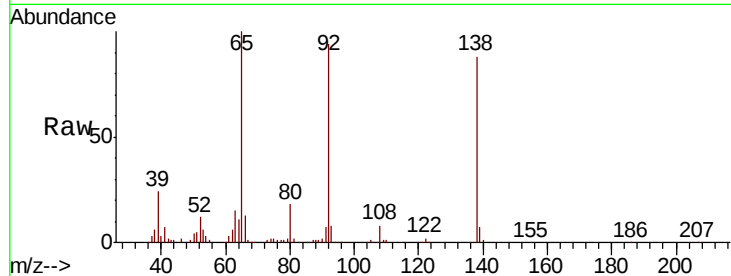




#53
3-Nitroaniline
Concen: 23.361 ng
RT: 14.47 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

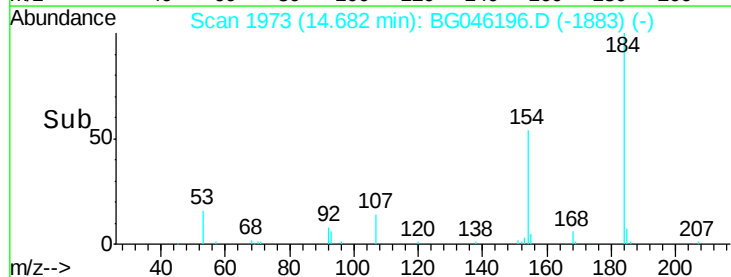
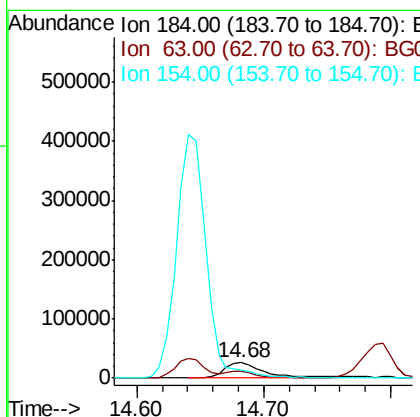
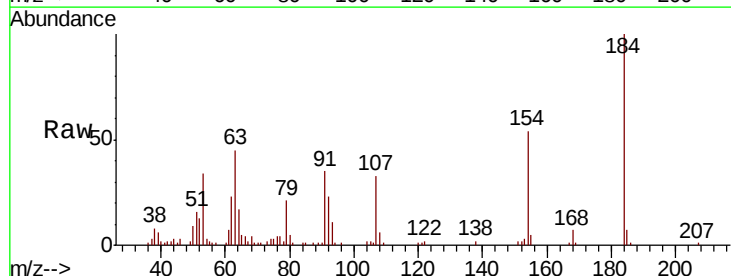
Instrument :
BNA_G
ClientSampleId :
TP-2MSD

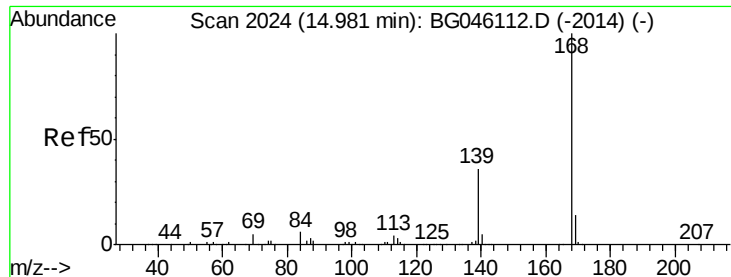
Tot Ion:138 Resp: 115318
Ion Ratio Lower Upper
138 100
108 9.0 7.2 10.8
92 106.3 87.5 131.3



#54
2,4-Dinitrophenol
Concen: 23.587 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt Ion:184 Resp: 57167
Ion Ratio Lower Upper
184 100
63 45.1 36.7 55.1
154 54.4 41.3 61.9

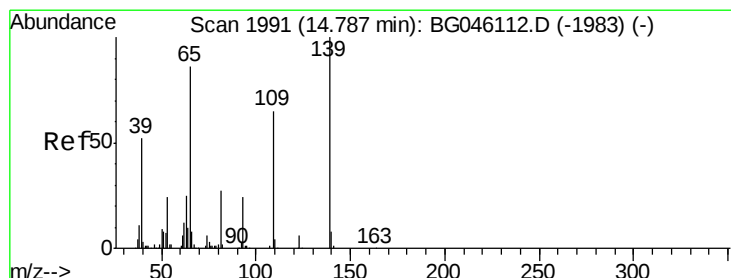
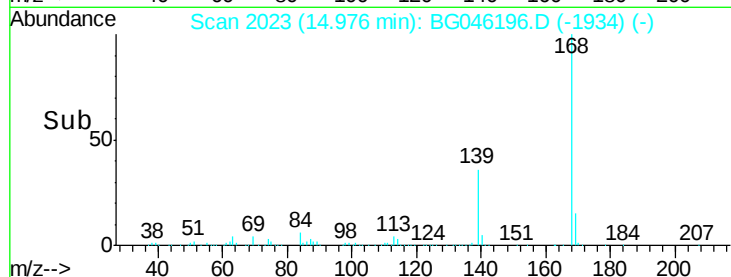
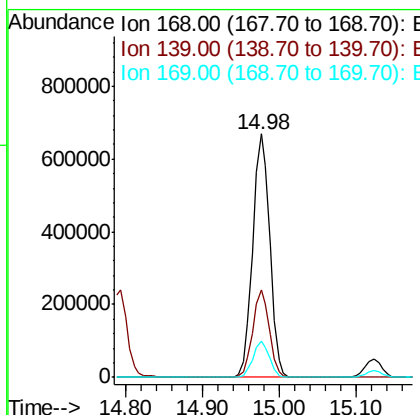
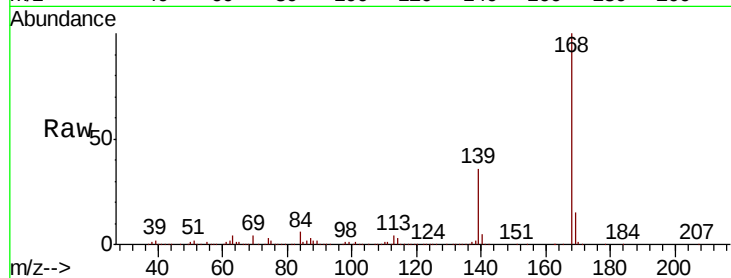




#55
Dibenzofuran
Concen: 38.477 ng
RT: 14.98 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

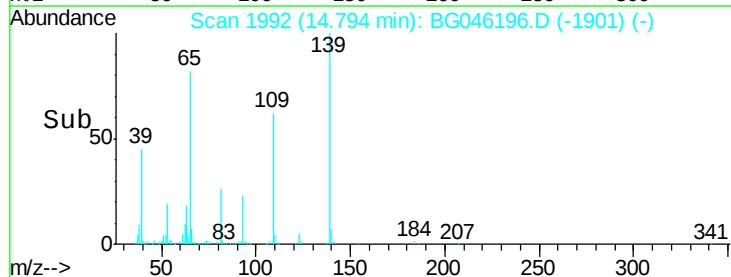
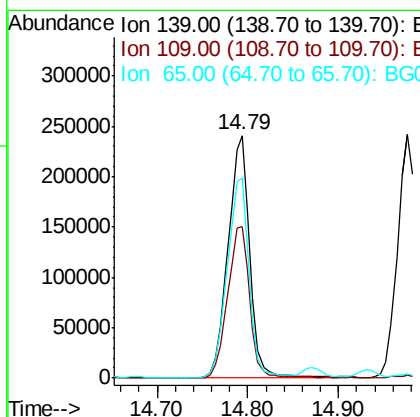
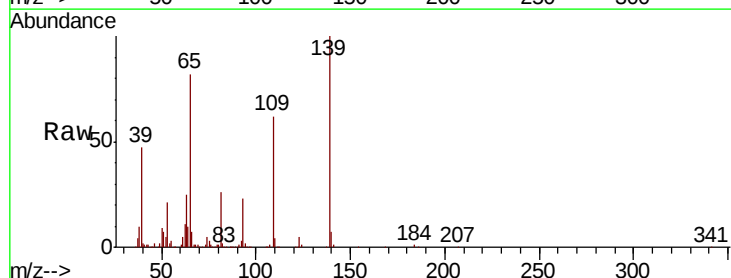
Instrument :
BNA_G
ClientSampleId :
TP-2MSD

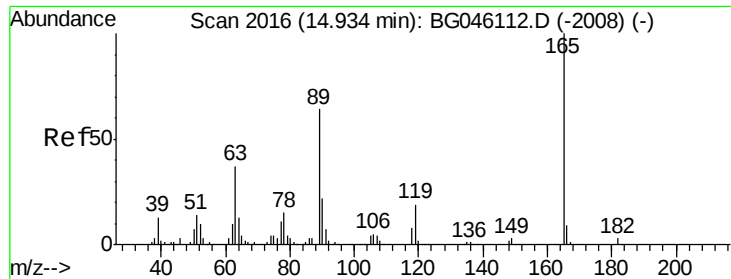
Tot Ion:168 Resp: 1037860
Ion Ratio Lower Upper
168 100
139 36.1 29.0 43.4
169 14.7 11.3 16.9



#56
4-Nitrophenol
Concen: 93.921 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt Ion:139 Resp: 402525
Ion Ratio Lower Upper
139 100
109 62.3 45.1 85.1
65 82.4 66.4 106.4

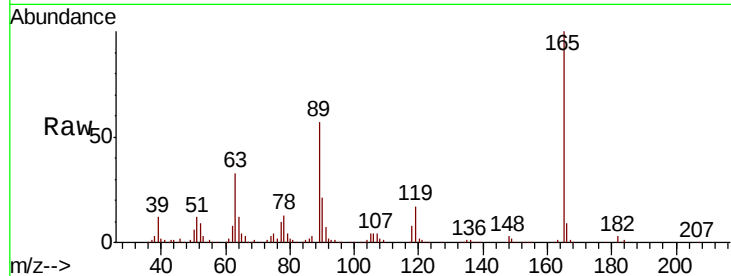




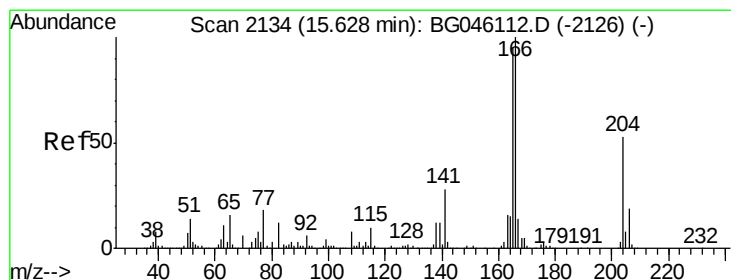
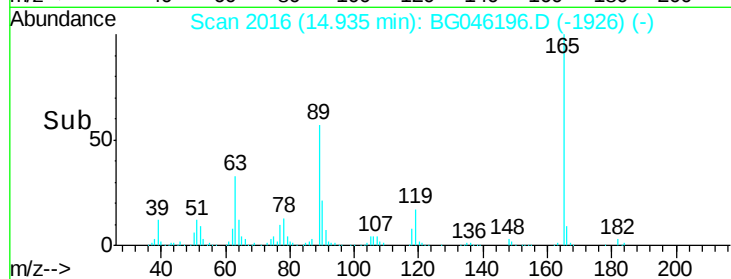
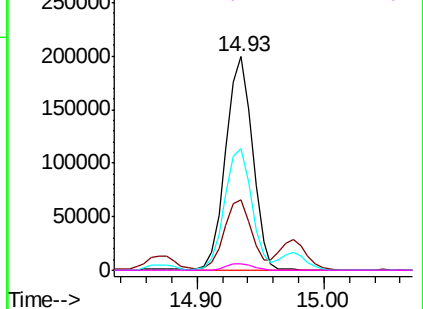
#57
 2,4-Dinitrotoluene
 Concen: 42.616 ng
 RT: 14.93 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BG046196.D
 Acq: 7 Aug 2020 16:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-2MSD

Tot Ion:165 Resp: 291749
 Ion Ratio Lower Upper
 165 100
 63 32.8 30.1 45.1
 89 56.7 51.4 77.2
 182 2.9 2.3 3.5

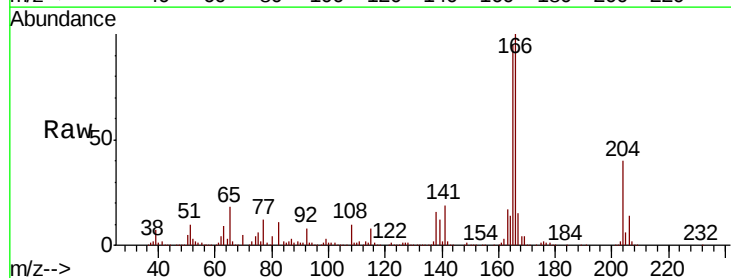


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

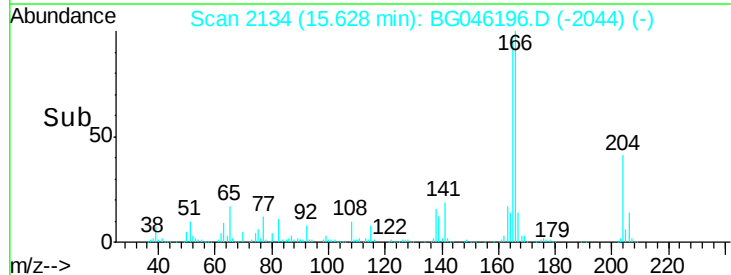
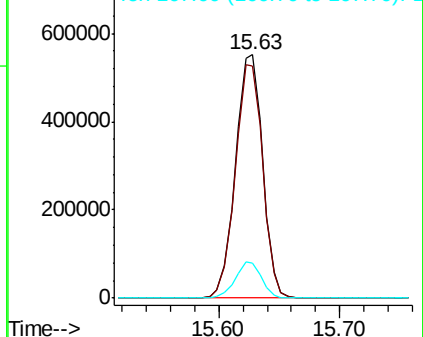


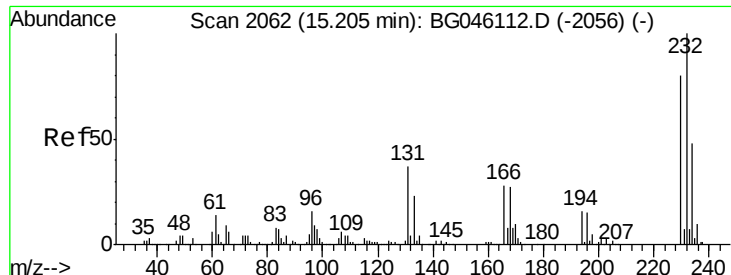
#58
 Fluorene
 Concen: 39.485 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. 0.00 min
 Lab File: BG046196.D
 Acq: 7 Aug 2020 16:54

Tgt Ion:166 Resp: 862530
 Ion Ratio Lower Upper
 166 100
 165 95.2 76.3 114.5
 167 14.5 11.0 16.6



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

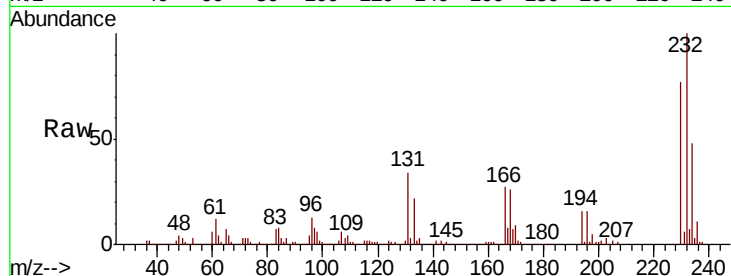




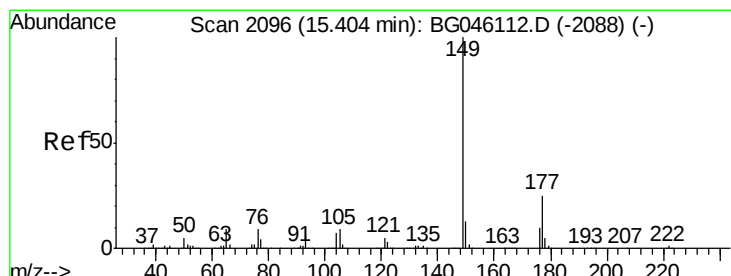
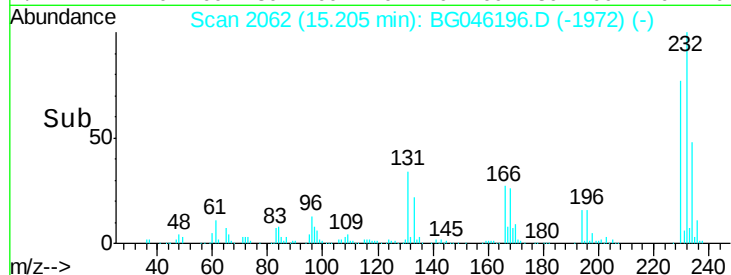
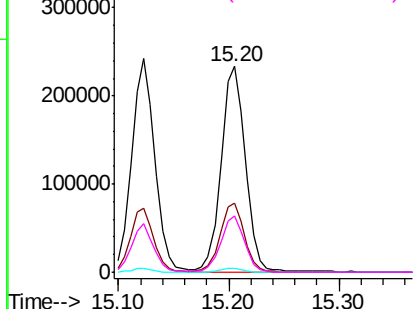
#59
2,3,4,6-Tetrachlorophenol
Concen: 54.386 ng
RT: 15.20 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tot Ion:232	Resp:	358153	
Ion Ratio	Lower	Upper	
232 100			
131 33.3	28.6	42.8	
130 1.8	1.6	2.4	
166 26.2	22.5	33.7	

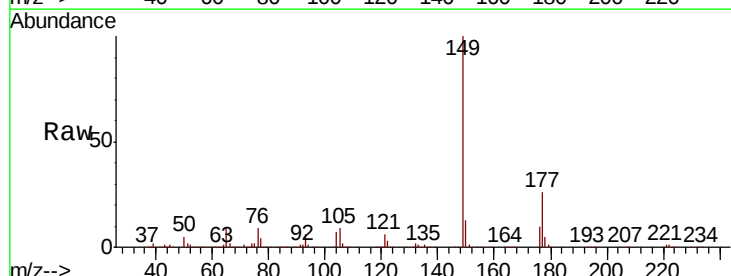


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

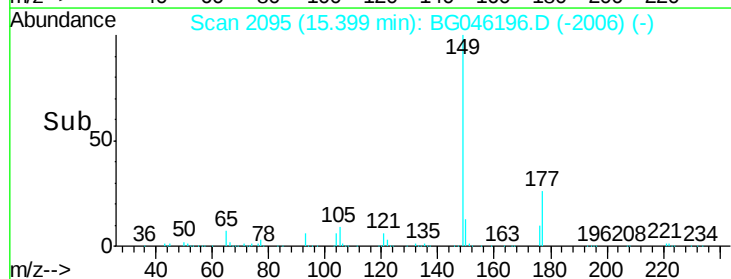
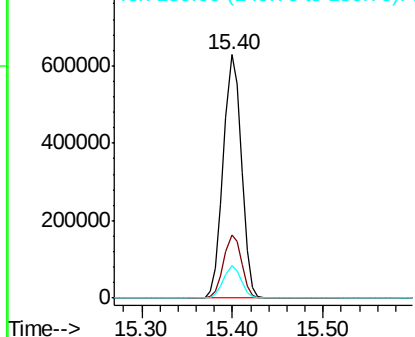


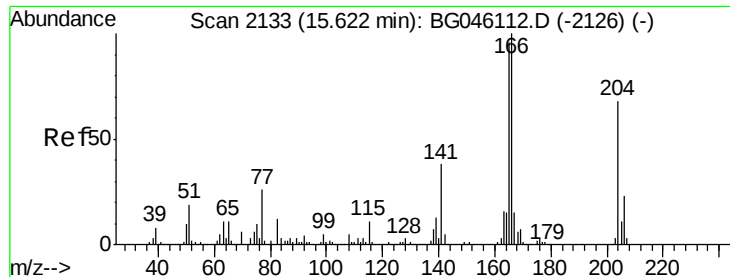
#60
Diethylphthalate
Concen: 41.374 ng
RT: 15.40 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt Ion:149	Resp: 870783
Ion Ratio	Lower Upper
149 100	
177 25.8	19.7 29.5
150 13.5	10.8 16.2



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

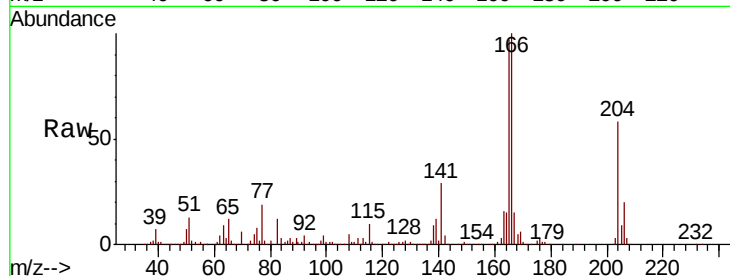




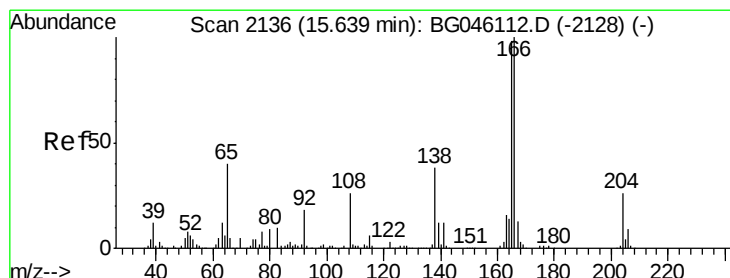
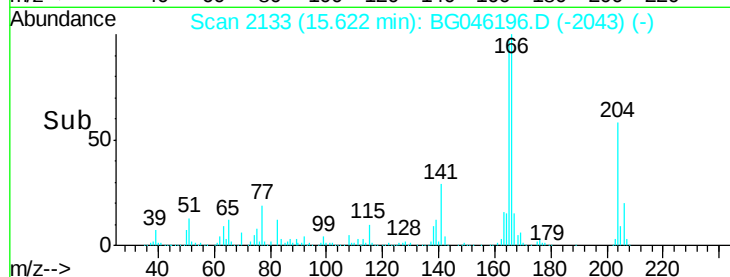
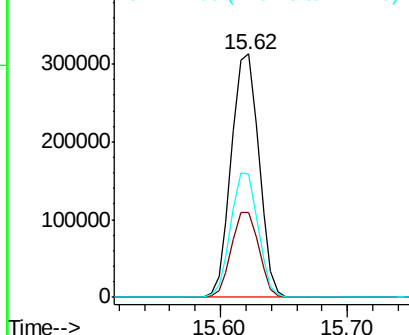
#61
4-Chlorophenyl-phenylether
Concen: 41.239 ng
RT: 15.62 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tot Ion:204 Resp: 470498
Ion Ratio Lower Upper
204 100
206 34.7 27.7 41.5
141 50.4 44.7 67.1

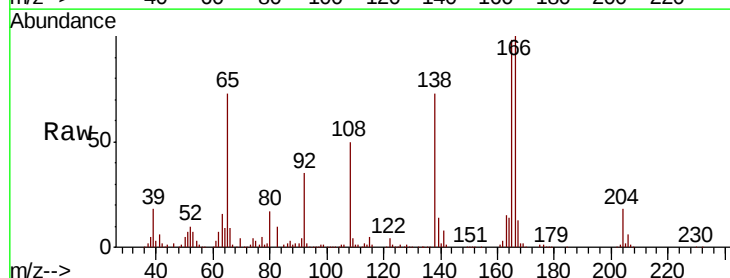


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

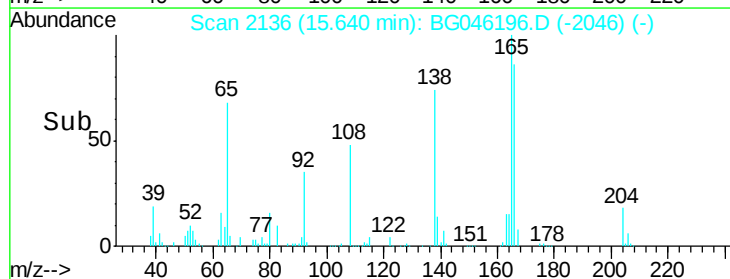
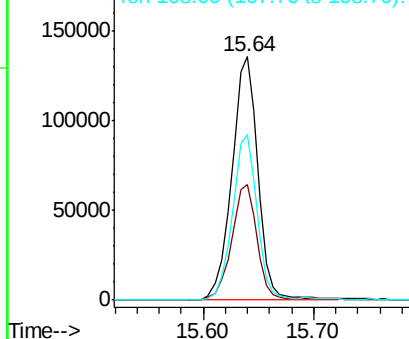


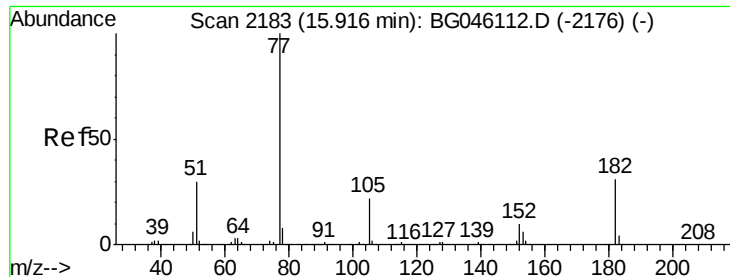
#62
4-Nitroaniline
Concen: 45.131 ng
RT: 15.64 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt Ion:138 Resp: 224059
Ion Ratio Lower Upper
138 100
92 47.3 28.3 68.3
108 68.1 49.2 89.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 37.552 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

Tot Ion: 77 Resp: 740707

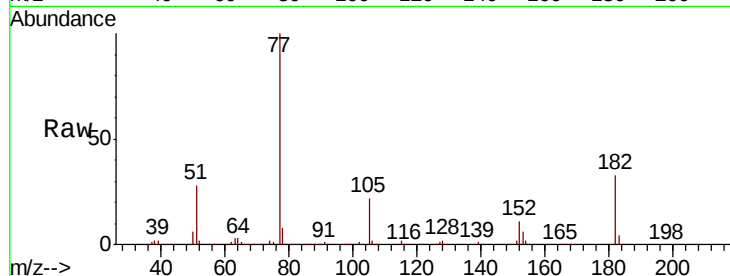
Ion Ratio Lower Upper

77 100

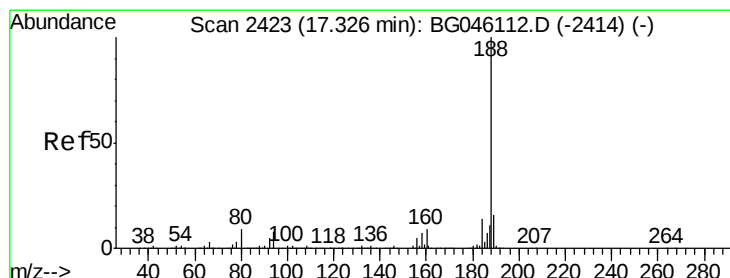
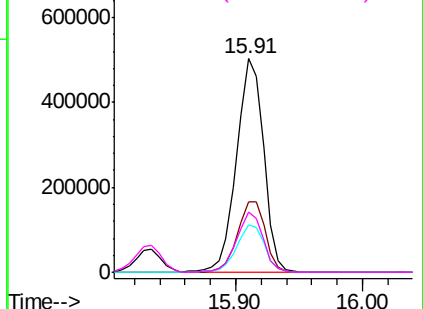
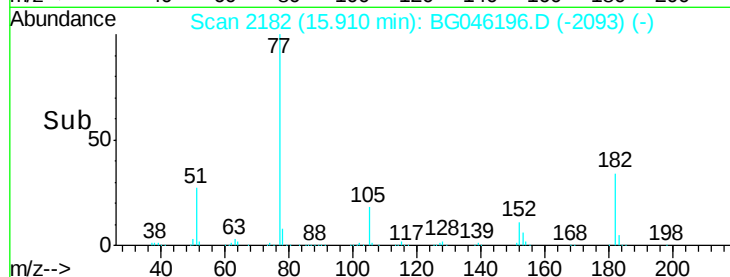
182 33.2 10.7 50.7

105 22.3 1.9 41.9

51 28.1 9.5 49.5



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: 17.32 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

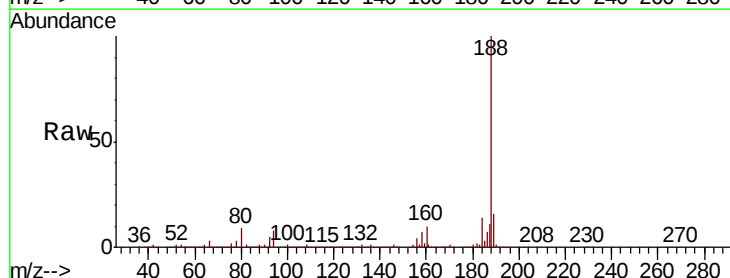
Tgt Ion: 188 Resp: 678823

Ion Ratio Lower Upper

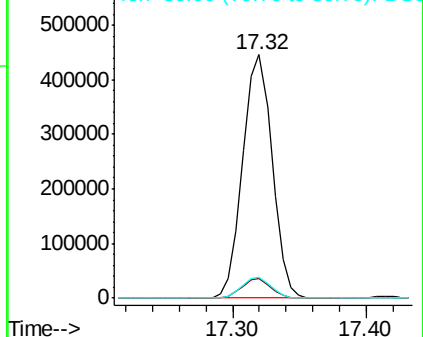
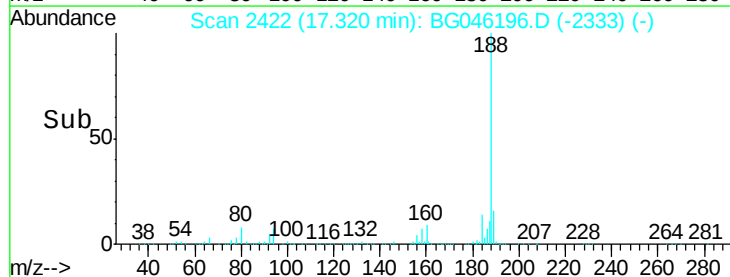
188 100

94 7.8 6.4 9.6

80 8.5 7.4 11.0



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

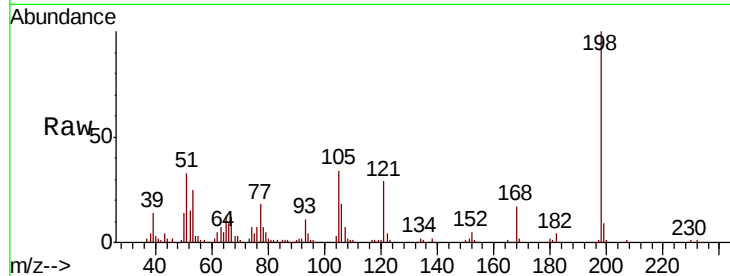




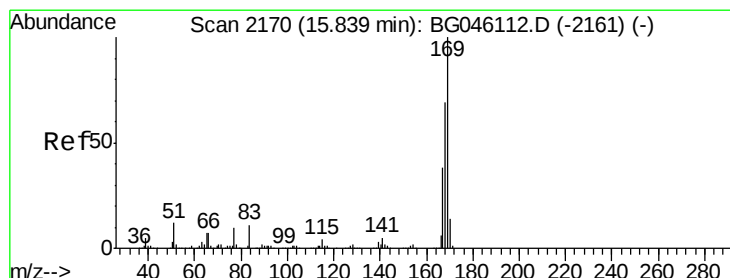
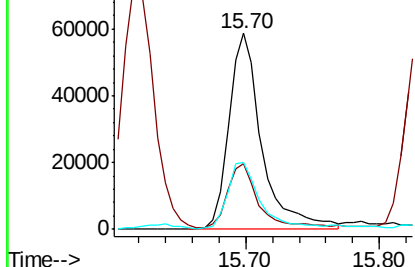
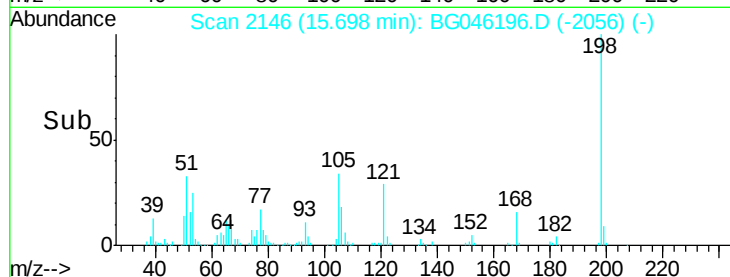
#65
 4,6-Dinitro-2-methylphenol
 Concen: 22.479 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. 0.00 min
 Lab File: BG046196.D
 Acq: 7 Aug 2020 16:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-2MSD

Tot Ion:198 Resp: 100919
 Ion Ratio Lower Upper
 198 100
 51 33.2 20.1 60.1
 105 34.4 19.2 59.2

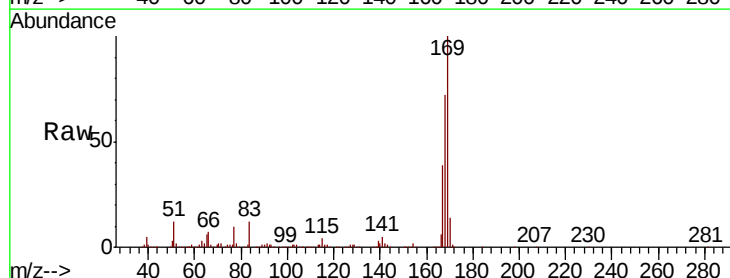


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

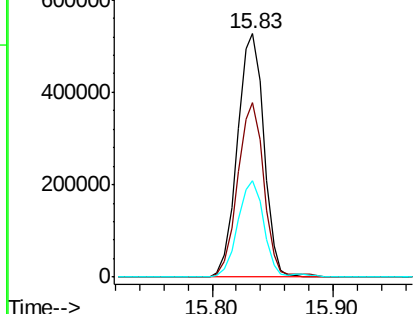
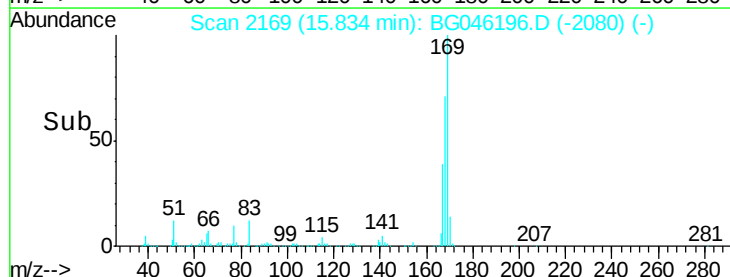


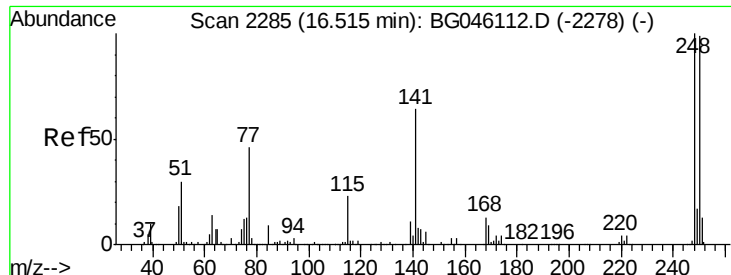
#66
 n-Nitrosodiphenylamine
 Concen: 39.131 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BG046196.D
 Acq: 7 Aug 2020 16:54

Tgt Ion:169 Resp: 804058
 Ion Ratio Lower Upper
 169 100
 168 71.5 55.1 82.7
 167 39.4 30.5 45.7



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

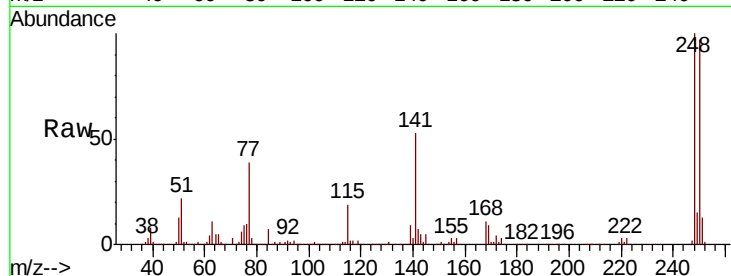




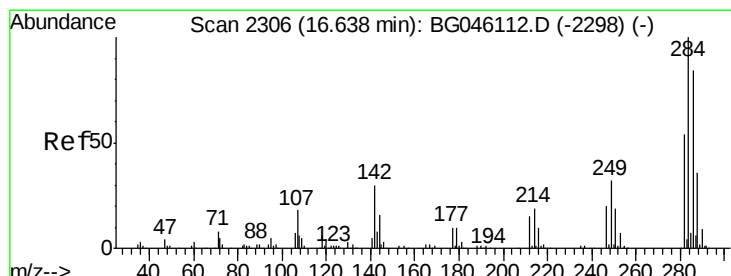
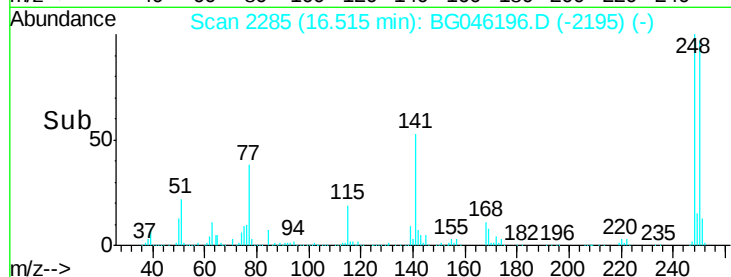
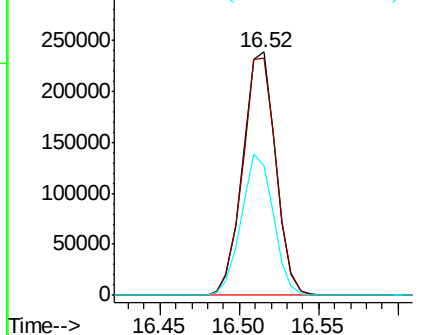
#67
 4-Bromophenyl-phenylether
 Concen: 40.904 ng
 RT: 16.52 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: BG046196.D
 Acq: 7 Aug 2020 16:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-2MSD

Tot Ion:248 Resp: 343031
 Ion Ratio Lower Upper
 248 100
 250 97.5 79.4 119.0
 141 53.2 50.9 76.3

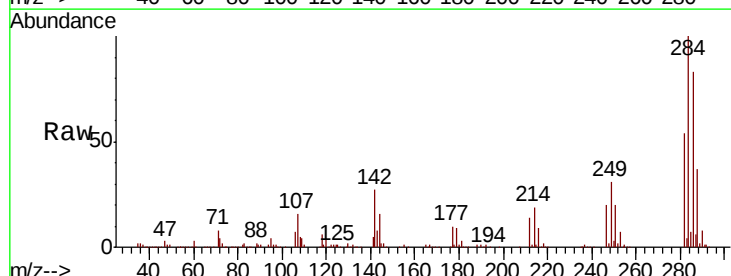


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

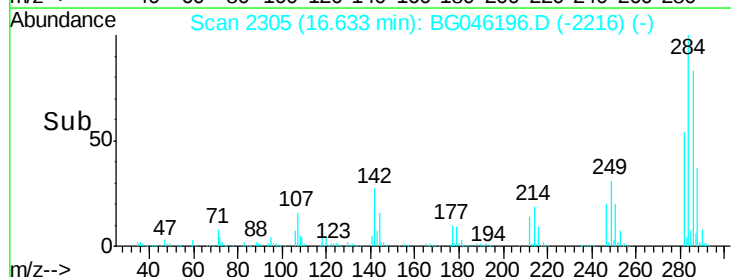
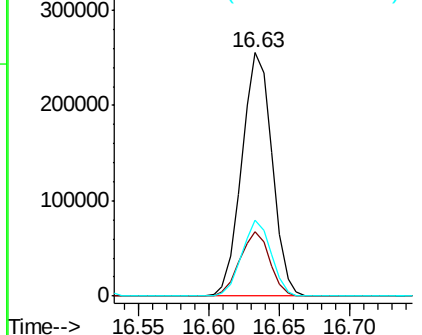


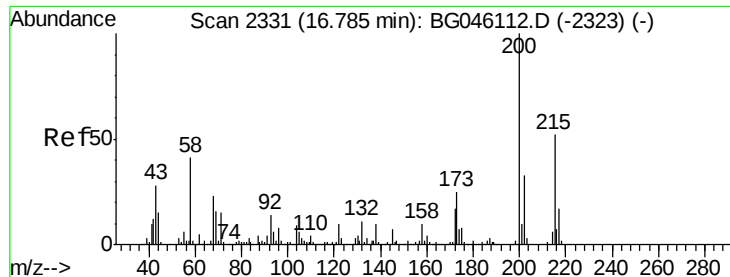
#68
 Hexachlorobenzene
 Concen: 40.834 ng
 RT: 16.63 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: BG046196.D
 Acq: 7 Aug 2020 16:54

Tgt Ion:284 Resp: 383992
 Ion Ratio Lower Upper
 284 100
 142 26.5 23.6 35.4
 249 31.4 25.3 37.9



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: 39.417 ng

RT: 16.78 min Scan# 2330

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

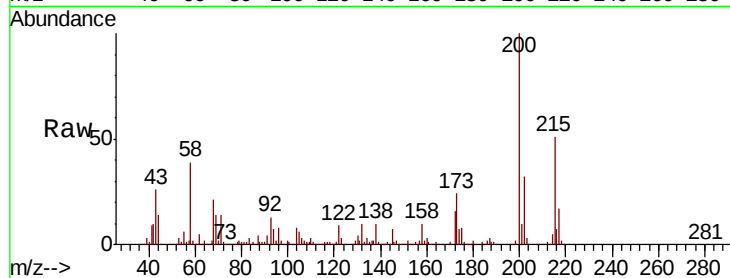
Tot Ion:200 Resp: 311880

Ion Ratio Lower Upper

200 100

173 24.4 5.3 45.3

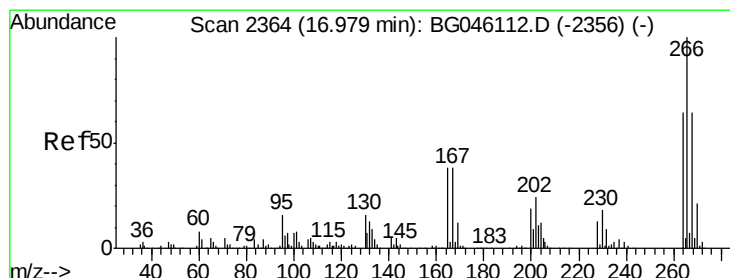
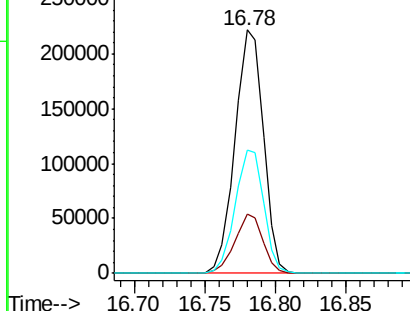
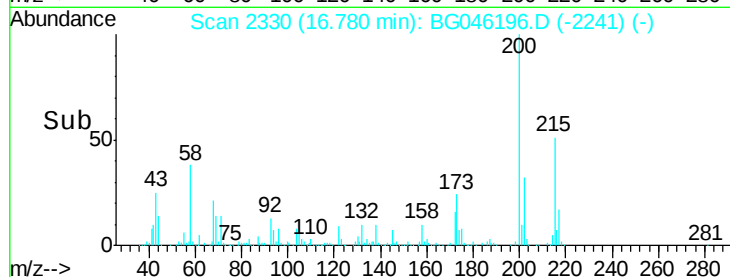
215 50.7 31.5 71.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 72.910 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

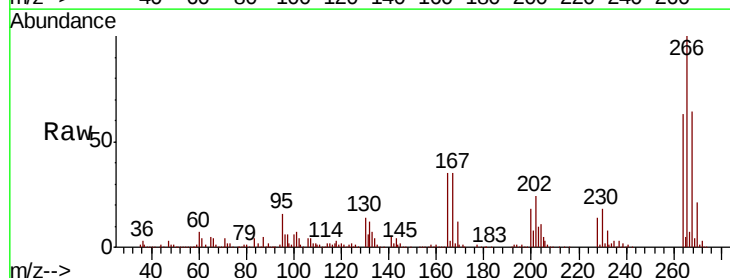
Tgt Ion:266 Resp: 444861

Ion Ratio Lower Upper

266 100

268 63.7 51.2 76.8

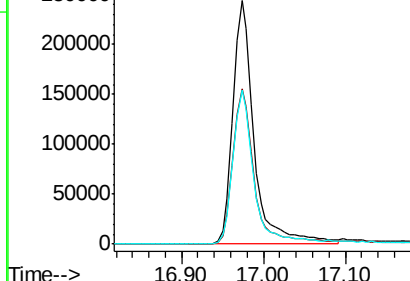
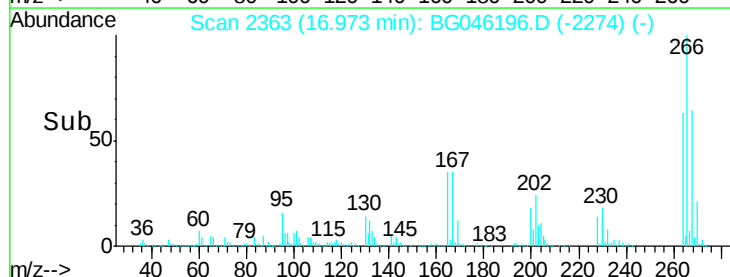
264 63.2 51.1 76.7

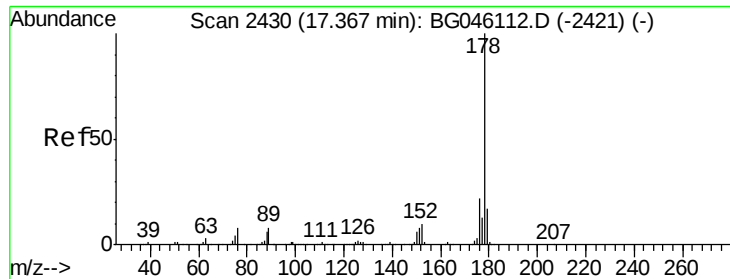


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

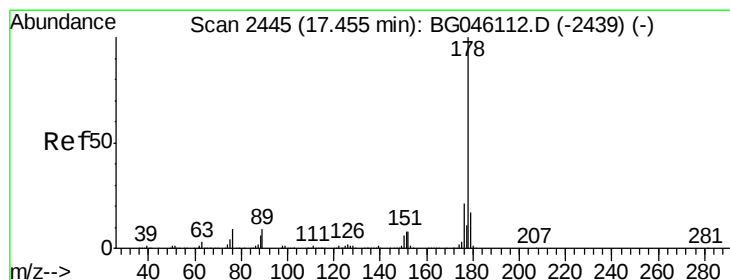
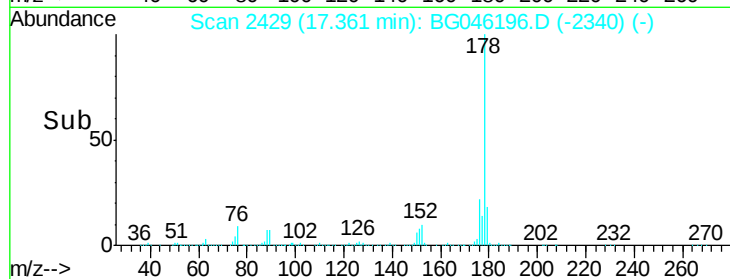
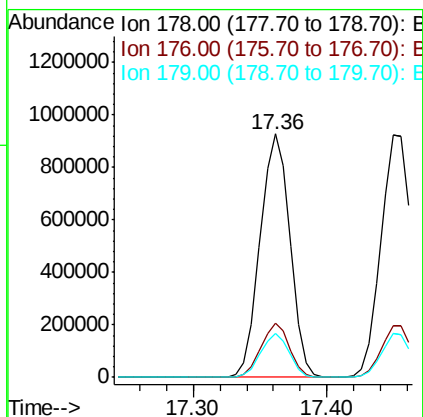
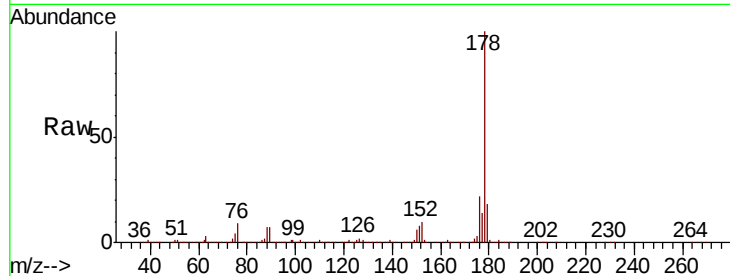




#71
Phenanthrene
Concen: 38.707 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

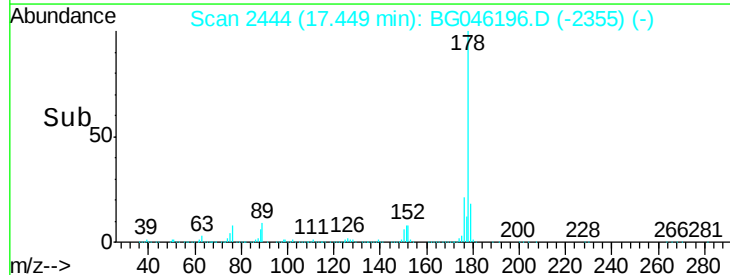
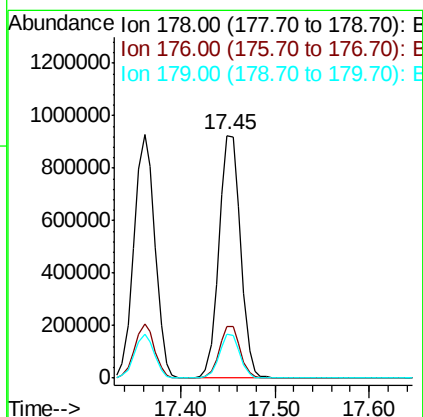
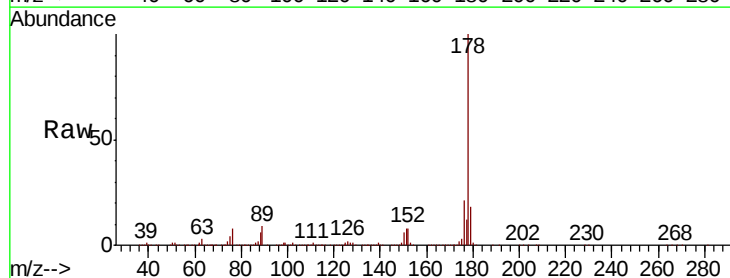
Instrument :
BNA_G
ClientSampleId :
TP-2MSD

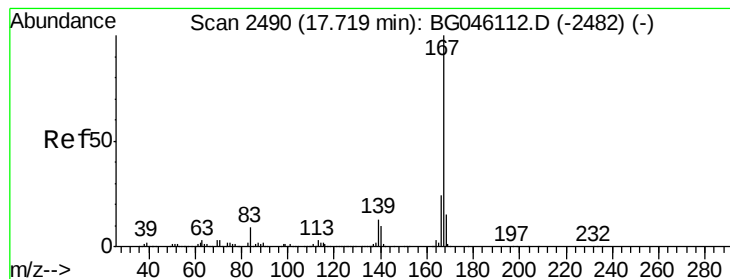
Tot Ion:178 Resp: 1439312
Ion Ratio Lower Upper
178 100
176 22.0 17.3 25.9
179 17.9 13.8 20.6



#72
Anthracene
Concen: 39.981 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt Ion:178 Resp: 1478782
Ion Ratio Lower Upper
178 100
176 21.5 16.6 24.8
179 18.0 13.4 20.2





#73

Carbazole

Concen: 39.342 ng

RT: 17.72 min Scan# 2490

Delta R.T. 0.00 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

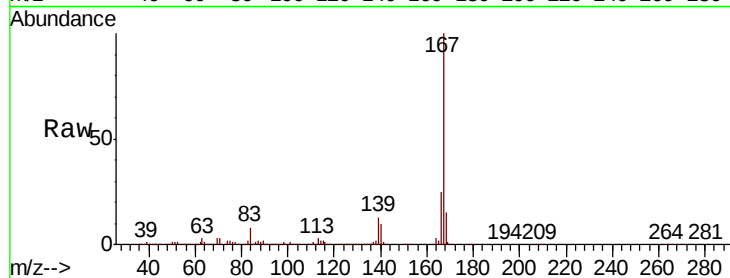
Tot Ion:167 Resp: 1403144

Ion Ratio Lower Upper

167 100

166 25.4 19.4 29.0

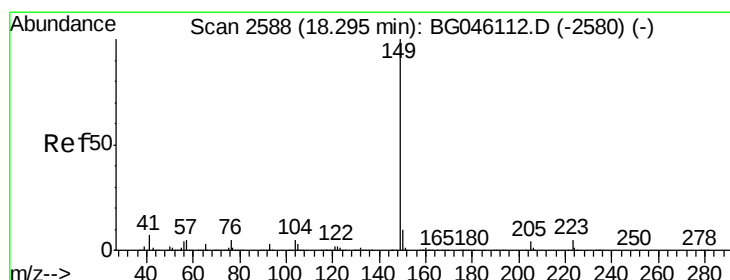
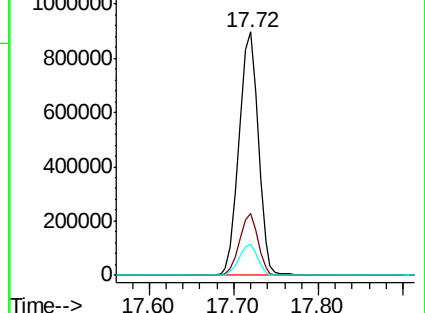
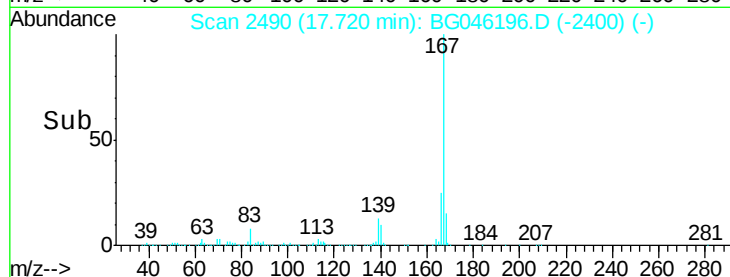
139 12.9 10.1 15.1



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: 41.444 ng

RT: 18.29 min Scan# 2587

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

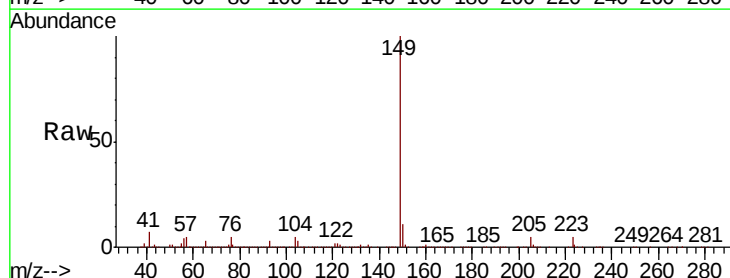
Tgt Ion:149 Resp: 1545036

Ion Ratio Lower Upper

149 100

150 11.2 8.4 12.6

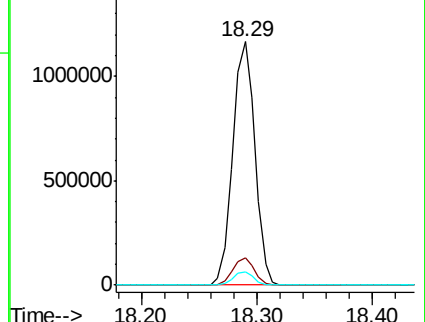
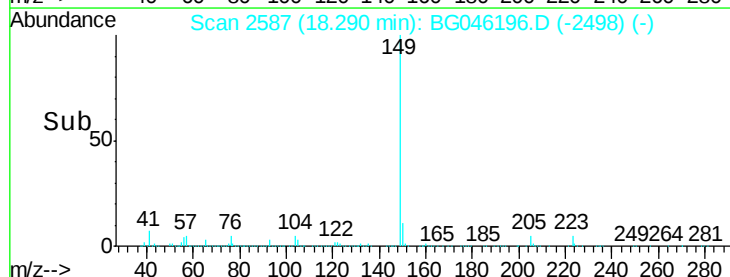
104 5.5 4.2 6.2

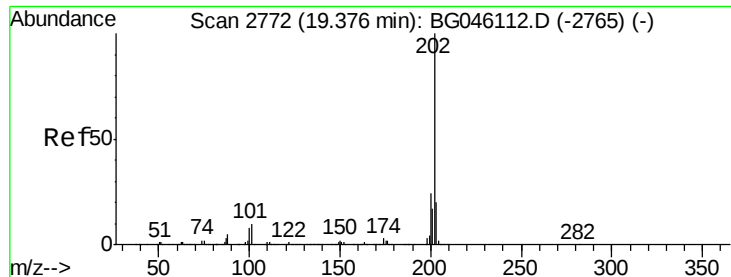


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.447 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

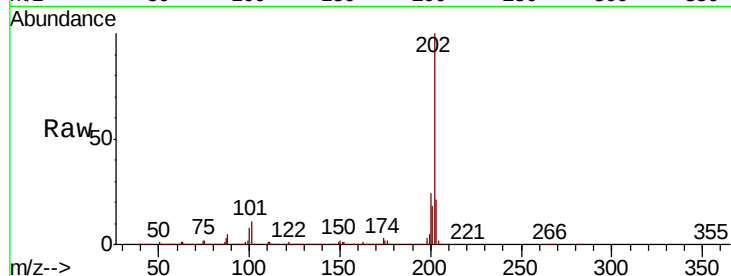
Tot Ion:202 Resp: 1831279

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.0

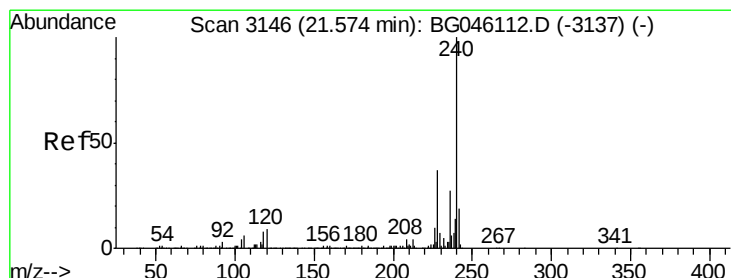
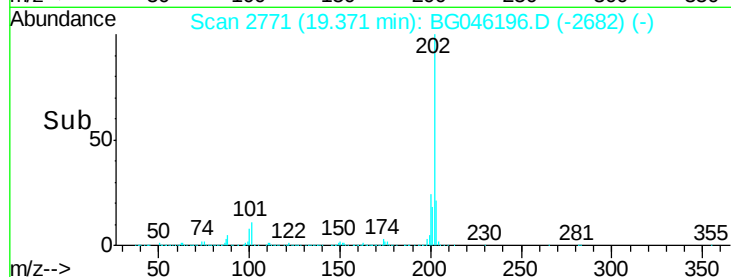
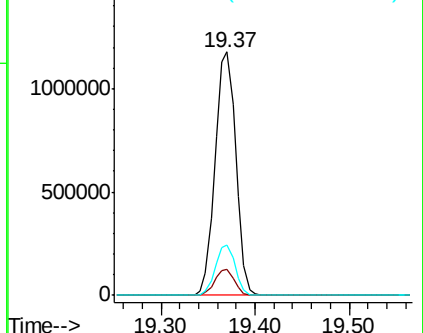
203 20.8 0.2 40.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

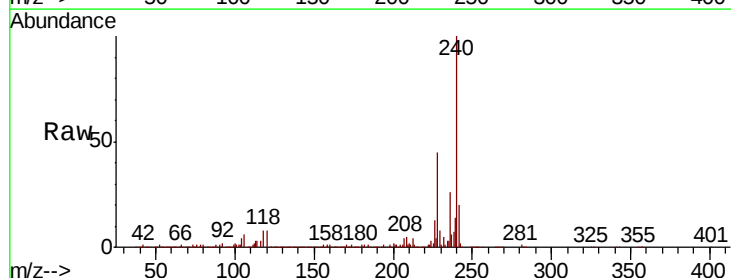
Tgt Ion:240 Resp: 729107

Ion Ratio Lower Upper

240 100

120 8.3 7.1 10.7

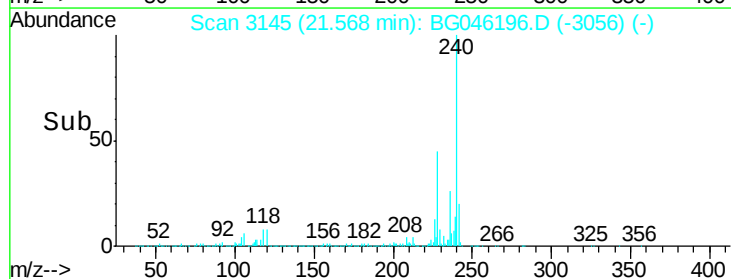
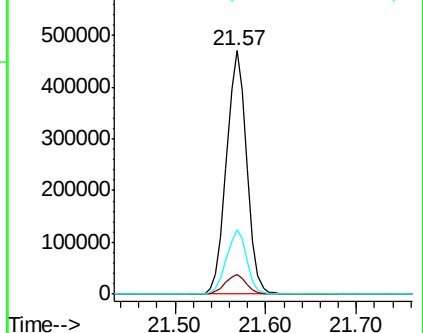
236 26.3 21.7 32.5

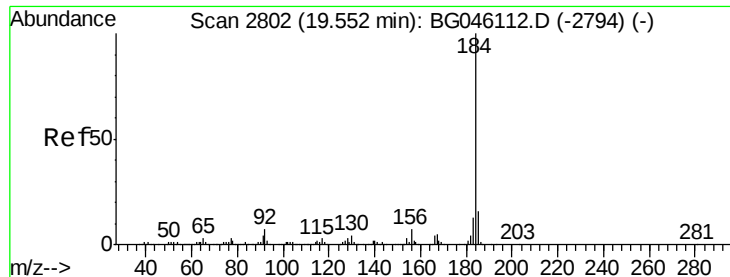


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.908 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

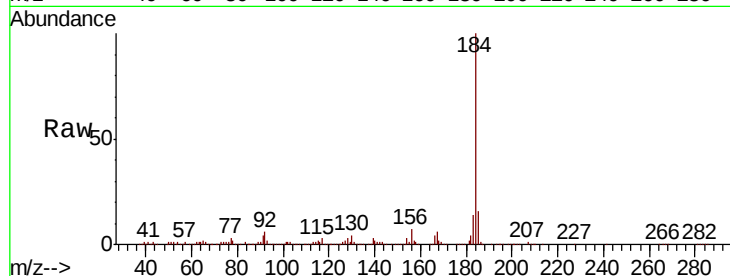
Tot Ion:184 Resp: 927455

Ion Ratio Lower Upper

184 100

185 16.2 13.0 19.4

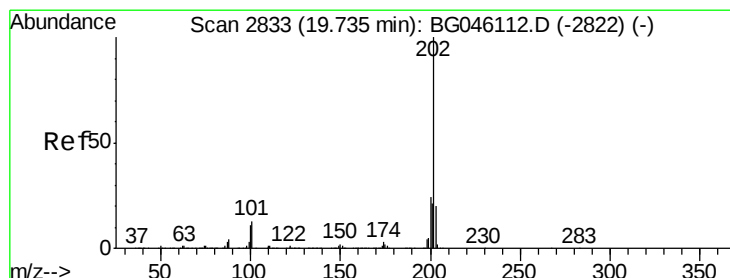
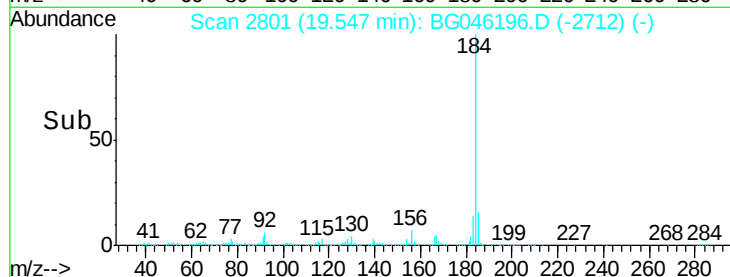
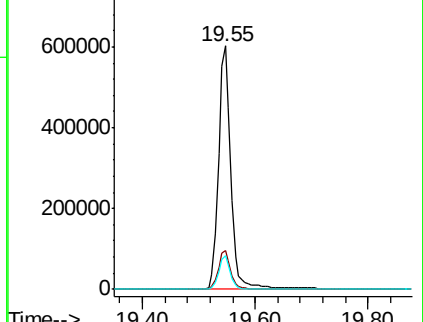
183 13.6 10.5 15.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.650 ng

RT: 19.73 min Scan# 2832

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

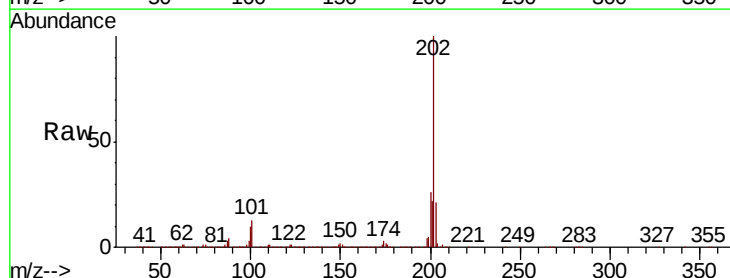
Tgt Ion:202 Resp: 1844419

Ion Ratio Lower Upper

202 100

200 25.9 19.5 29.3

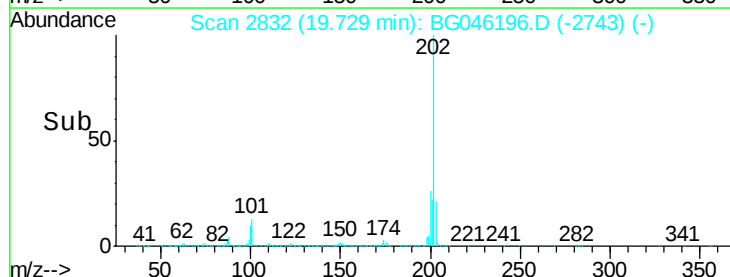
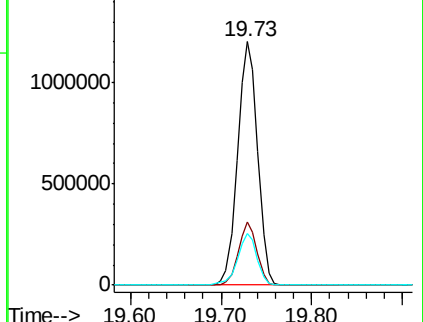
203 21.2 16.2 24.2

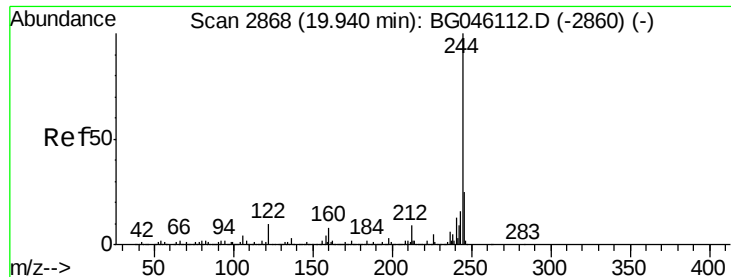


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 47.996 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

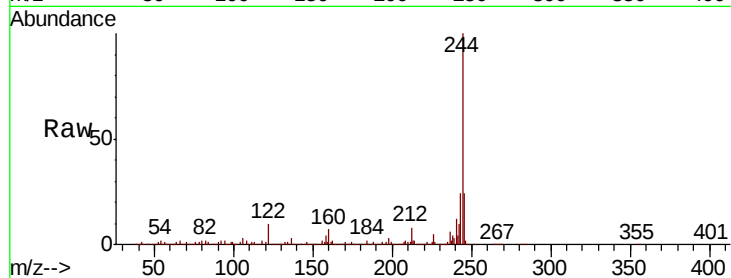
Tot Ion:244 Resp: 1718246

Ion Ratio Lower Upper

244 100

212 8.2 7.2 10.8

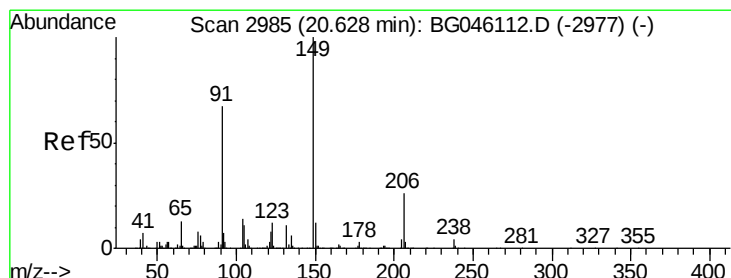
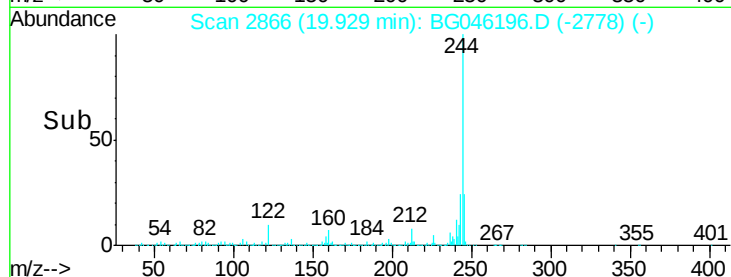
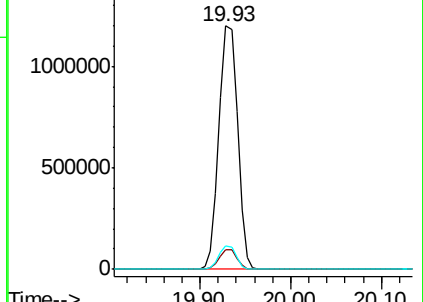
122 9.7 8.3 12.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.433 ng

RT: 20.62 min Scan# 2984

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

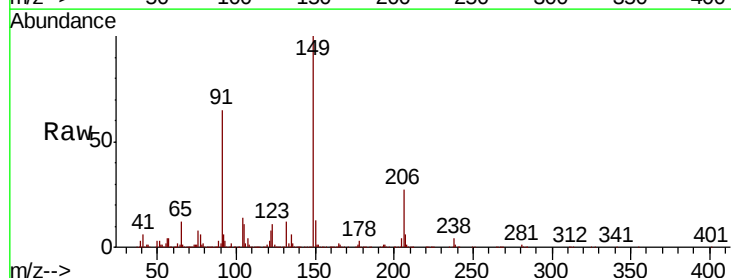
Tgt Ion:149 Resp: 753027

Ion Ratio Lower Upper

149 100

91 64.9 53.8 80.8

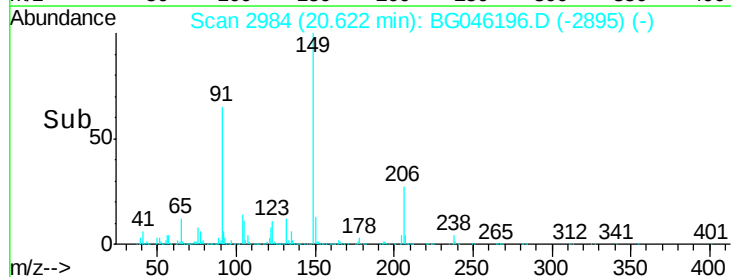
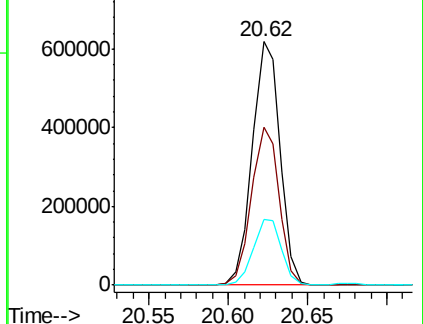
206 26.9 20.4 30.6

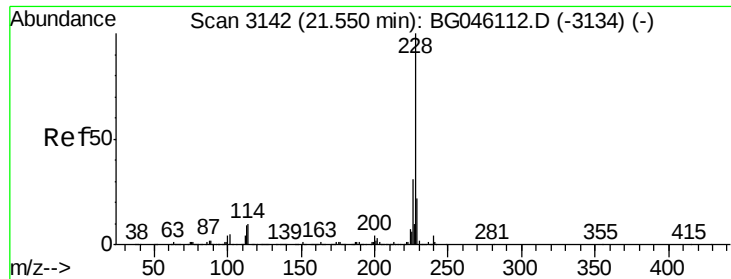


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.410 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

ClientSampled :

TP-2MSD

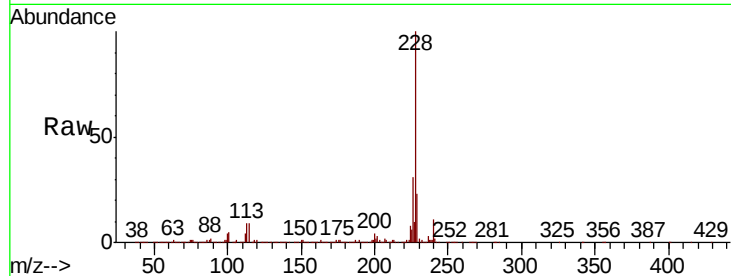
Tot Ion:228 Resp: 1874111

Ion Ratio Lower Upper

228 100

226 31.3 24.7 37.1

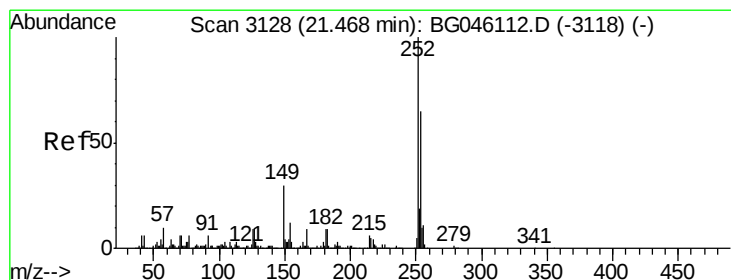
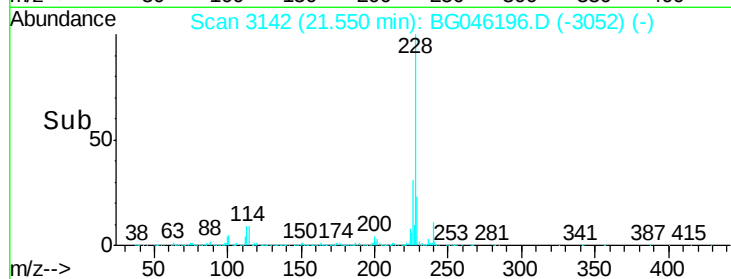
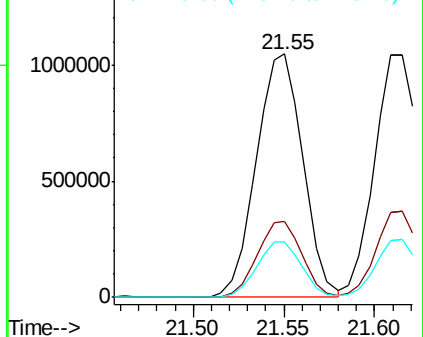
229 23.0 17.8 26.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 20.457 ng

RT: 21.46 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

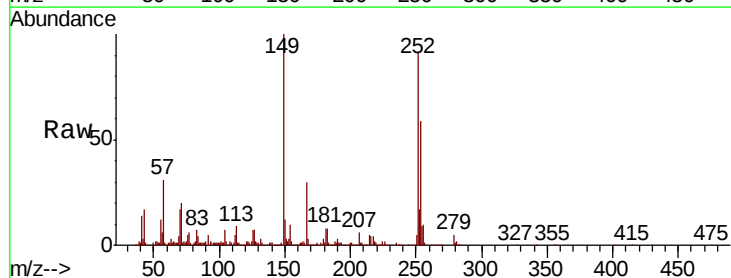
Tgt Ion:252 Resp: 414491

Ion Ratio Lower Upper

252 100

254 65.0 51.8 77.8

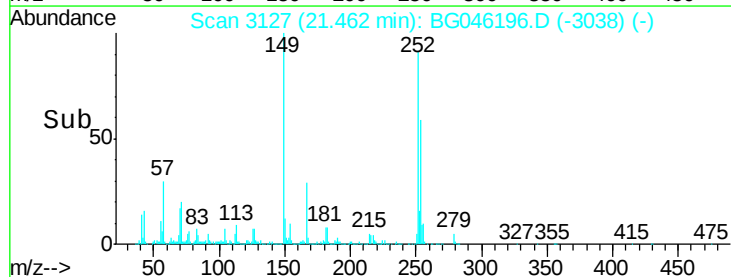
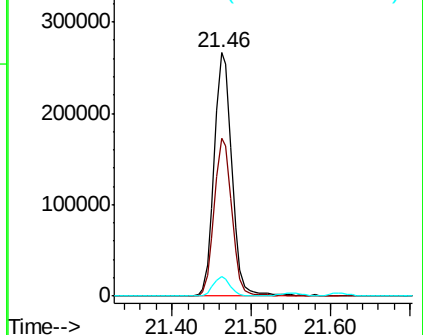
126 8.0 7.1 10.7

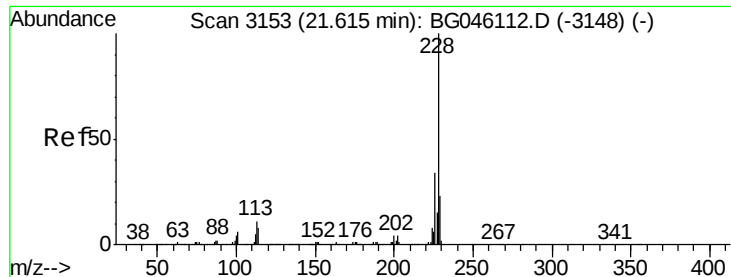


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.215 ng

RT: 21.62 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

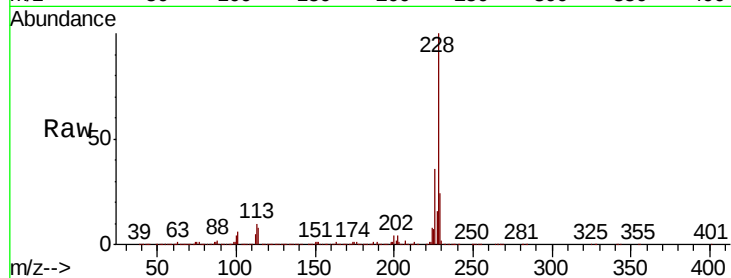
BNA_G

ClientSampleId :

TP-2MSD

Tot Ion:228 Resp: 1778745

Ion	Ratio	Lower	Upper
228	100		
226	35.7	26.9	40.3
229	23.8	18.2	27.4

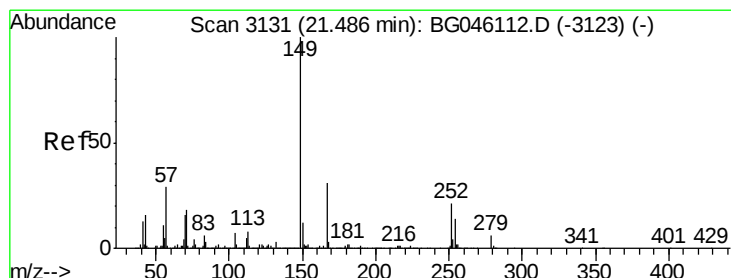
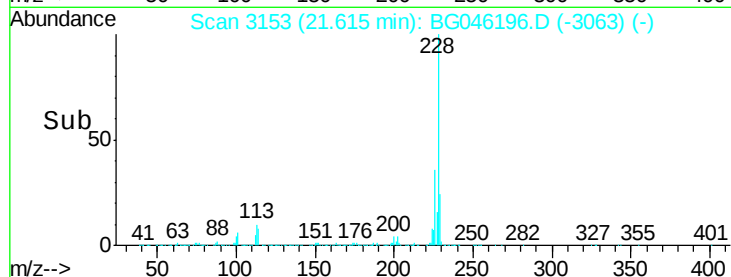
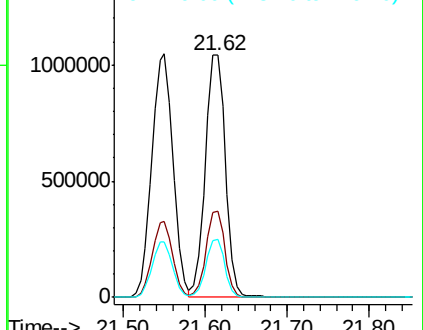


Abundance

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: 41.507 ng

RT: 21.47 min Scan# 3129

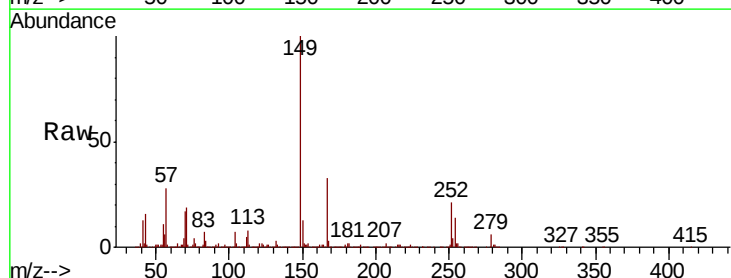
Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Tgt Ion:149 Resp: 1053065

Ion	Ratio	Lower	Upper
149	100		
167	32.5	24.8	37.2
279	5.9	4.6	6.8

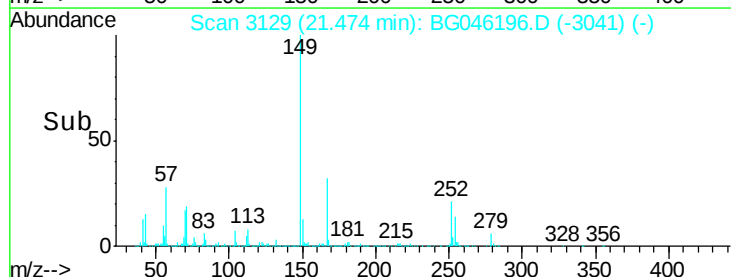
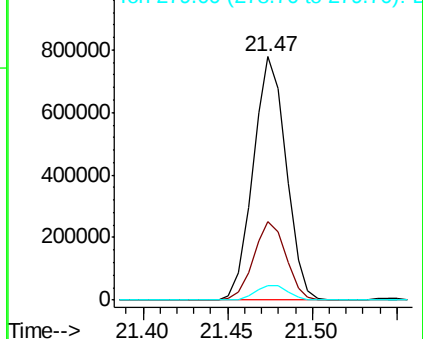


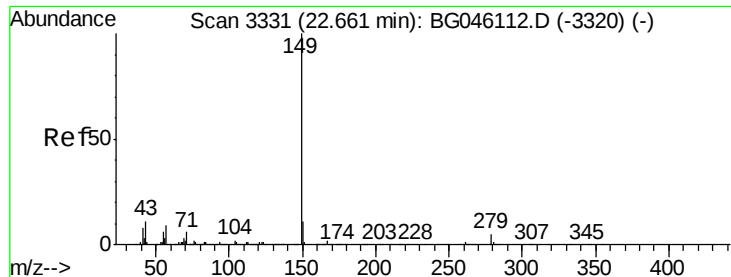
Abundance

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: 42.184 ng

RT: 22.65 min Scan# 3329

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

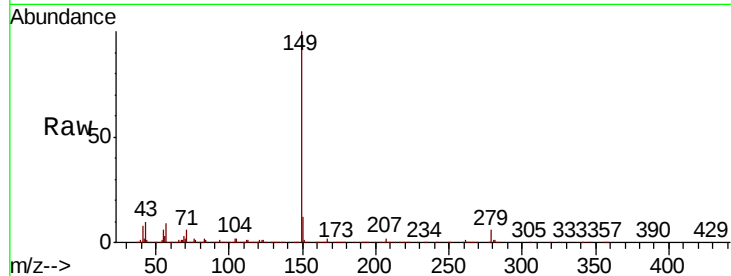
Tot Ion:149 Resp: 1812111

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

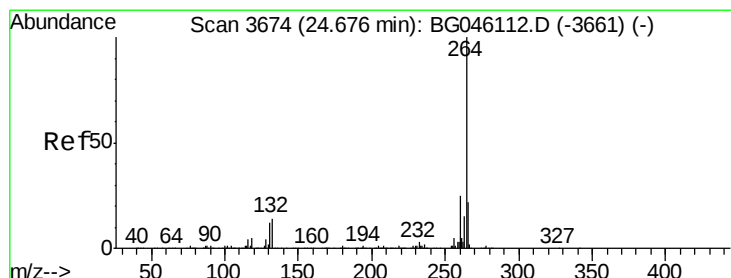
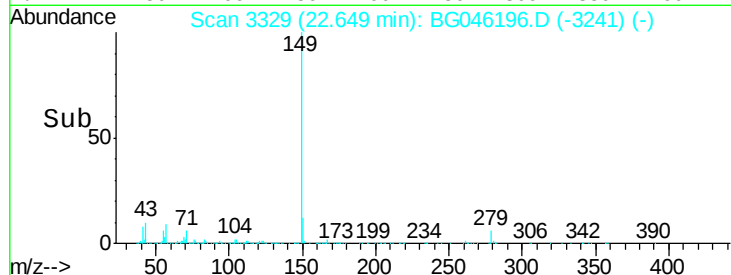
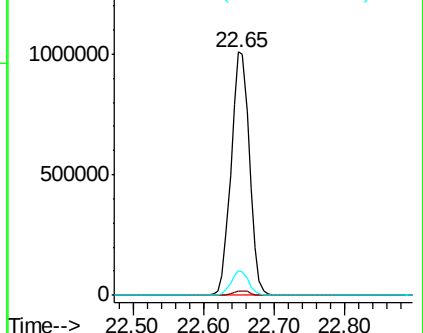
43 9.4 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

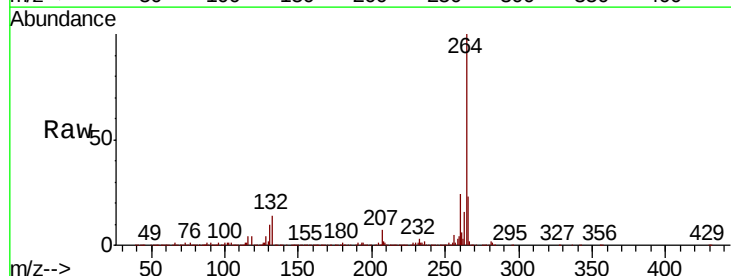
Tgt Ion:264 Resp: 793825

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

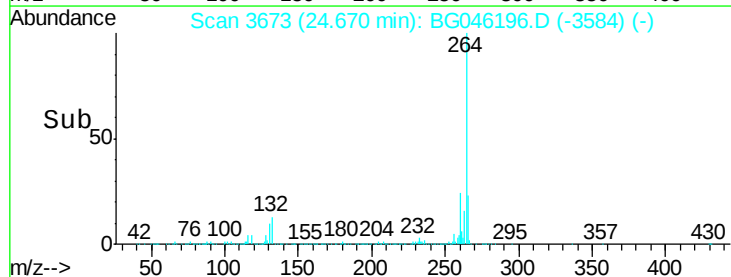
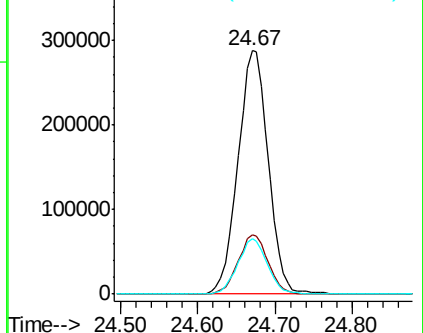
265 23.0 17.6 26.4

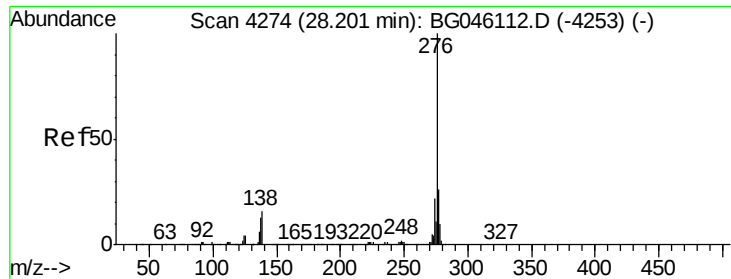


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

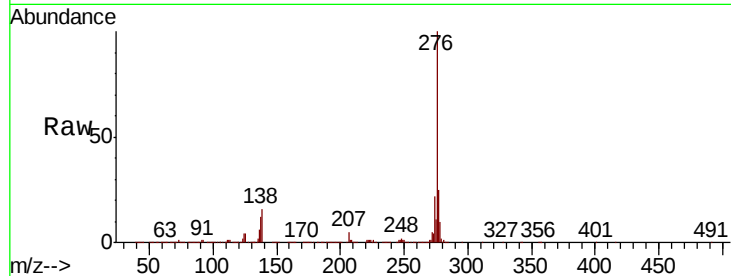




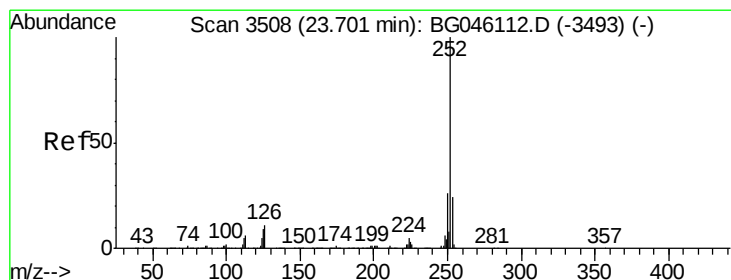
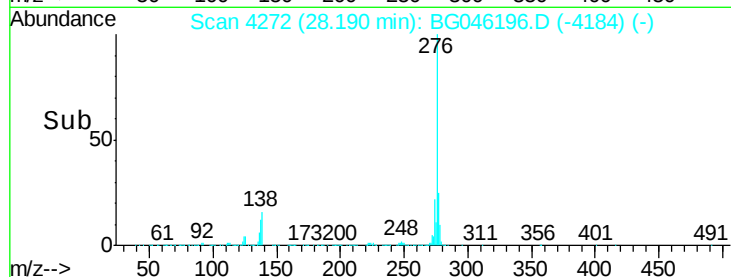
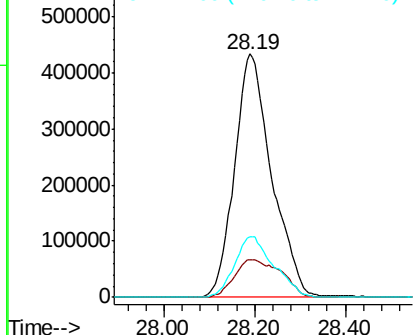
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.773 ng
 RT: 28.19 min Scan# 4272
 Delta R.T. -0.01 min
 Lab File: BG046196.D
 Acq: 7 Aug 2020 16:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-2MSD

Tot Ion:276 Resp: 2468438
 Ion Ratio Lower Upper
 276 100
 138 19.6 11.6 17.4#
 277 26.3 20.8 31.2

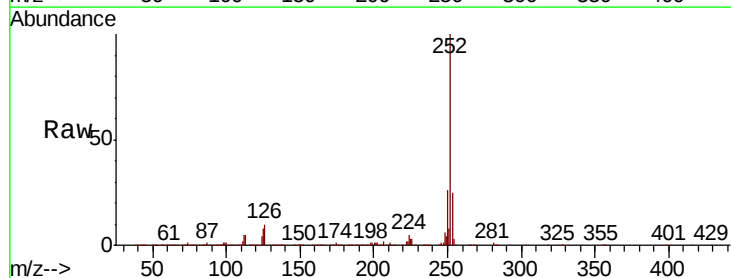


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

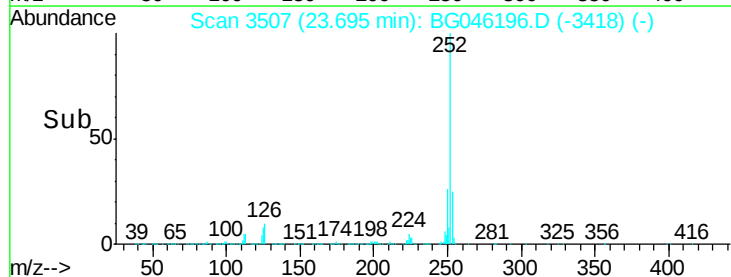
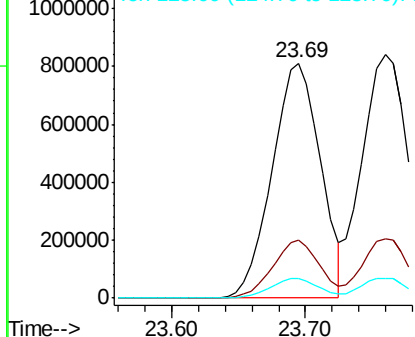


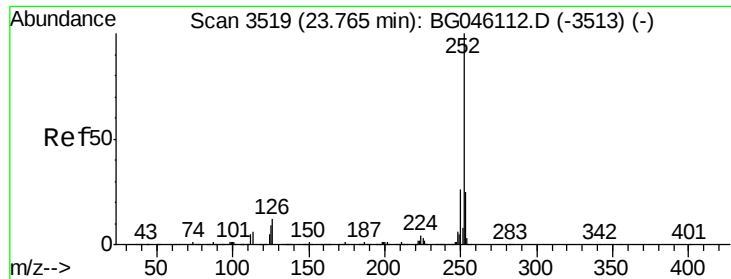
#88
 Benzo(b)fluoranthene
 Concen: 38.302 ng
 RT: 23.69 min Scan# 3507
 Delta R.T. -0.01 min
 Lab File: BG046196.D
 Acq: 7 Aug 2020 16:54

Tgt Ion:252 Resp: 2037497
 Ion Ratio Lower Upper
 252 100
 253 24.6 19.2 28.8
 125 8.3 7.2 10.8



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

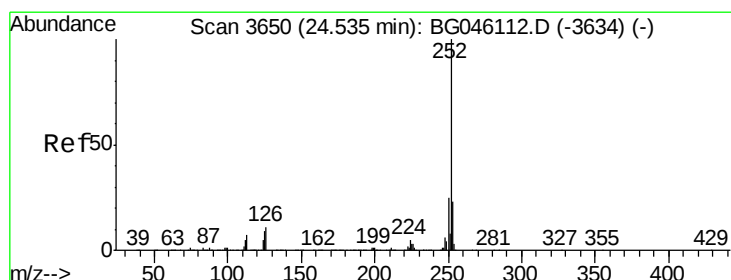
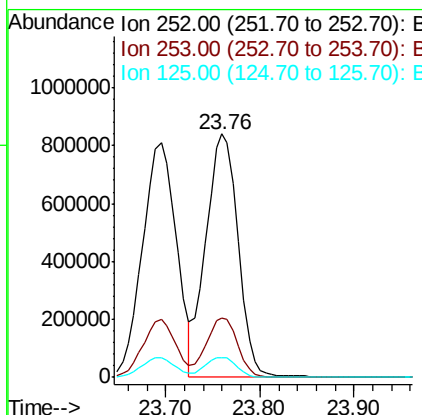
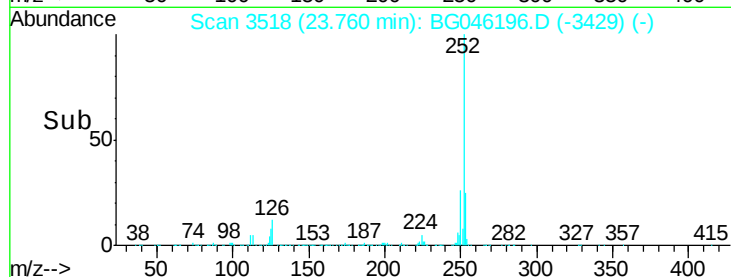
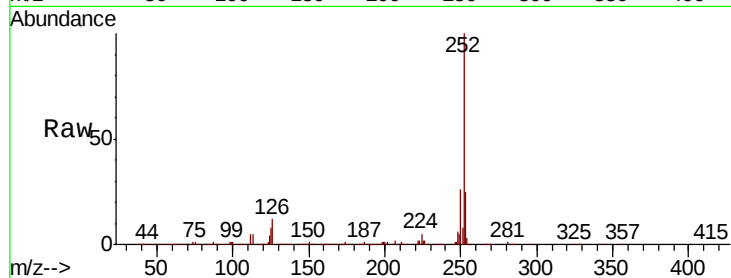




#89
Benzo(k)fluoranthene
Concen: 38.427 ng
RT: 23.76 min Scan# 3518
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

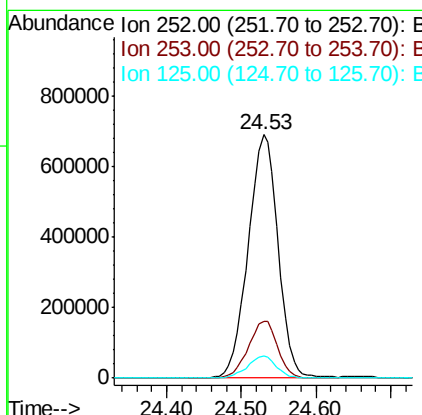
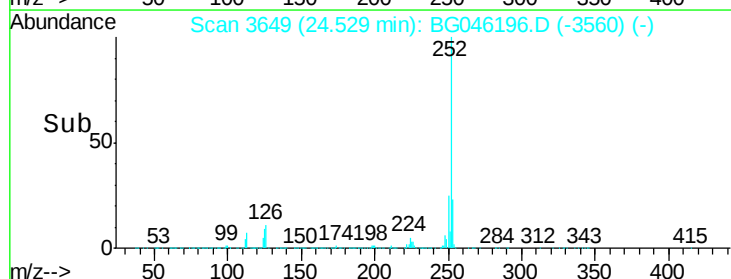
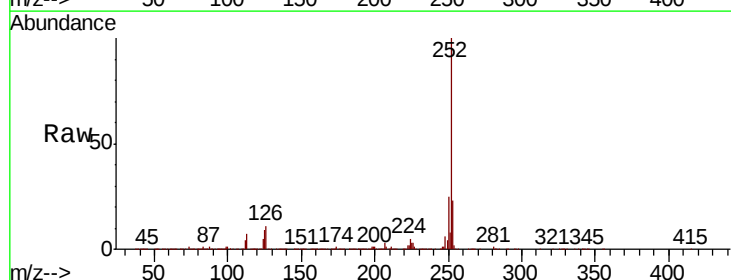
Instrument :
BNA_G
ClientSampleId :
TP-2MSD

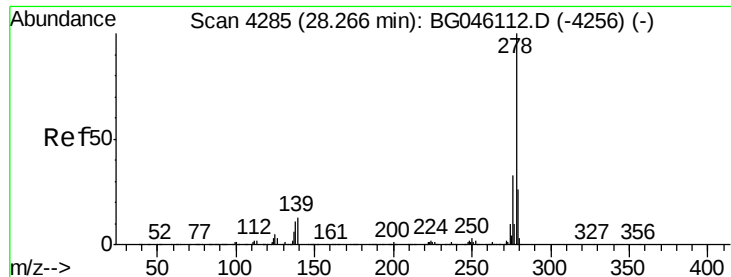
Tot Ion:252 Resp: 2005010
Ion Ratio Lower Upper
252 100
253 24.6 19.5 29.3
125 8.2 7.3 10.9



#90
Benzo(a)pyrene
Concen: 38.722 ng
RT: 24.53 min Scan# 3649
Delta R.T. -0.01 min
Lab File: BG046196.D
Acq: 7 Aug 2020 16:54

Tgt Ion:252 Resp: 1916766
Ion Ratio Lower Upper
252 100
253 23.4 18.6 27.8
125 9.2 7.1 10.7





#91

Dibenzo(a,h)anthracene

Concen: 39.982 ng

RT: 28.25 min Scan# 4283

Delta R.T. -0.01 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Instrument :

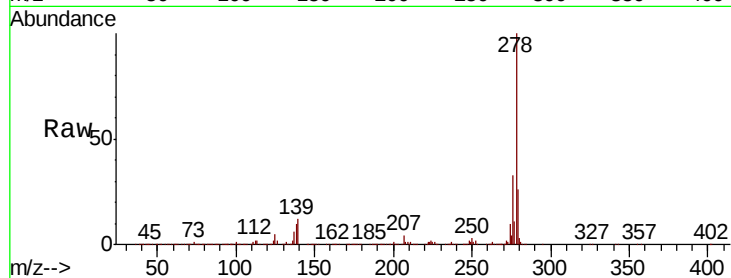
BNA_G

ClientSampleId :

TP-2MSD

Tot Ion:278 Resp: 2023493

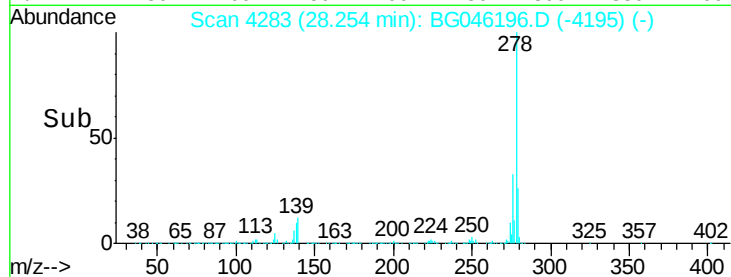
Ion	Ratio	Lower	Upper
278	100		
139	12.4	10.8	16.2
279	25.8	20.5	30.7



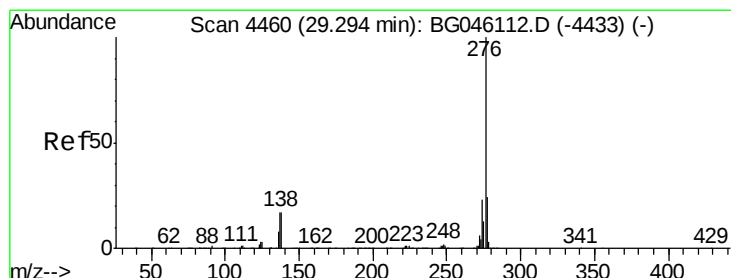
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 40.527 ng

RT: 29.29 min Scan# 4460

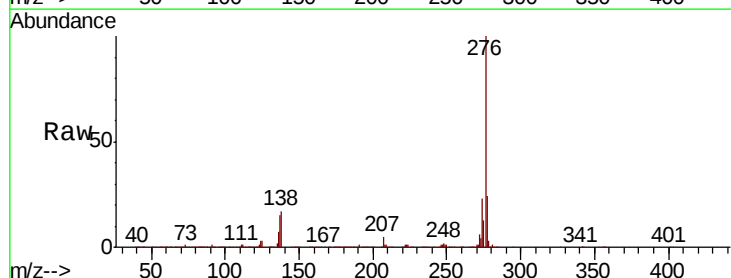
Delta R.T. 0.00 min

Lab File: BG046196.D

Acq: 7 Aug 2020 16:54

Tgt Ion:276 Resp: 2071441

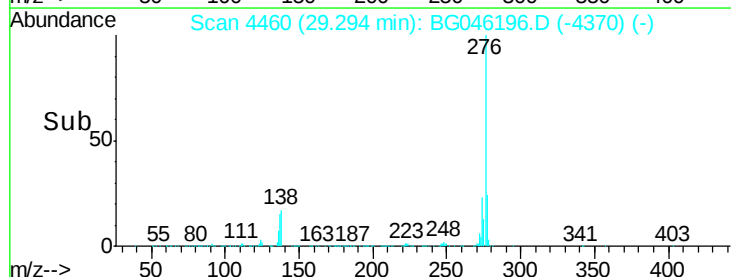
Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.5	29.3
138	17.1	13.8	20.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->