

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045935.D
 Acq On : 3 Jul 2020 6:07
 Operator : CG/JU
 Sample : L3197-03MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-1-COMPMS

Quant Time: Jul 04 00:10:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 14:02:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	45763	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	173439	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	127054	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	311557	20.00	ng	0.00
76) Chrysene-d12	21.51	240	310064	20.00	ng	0.00
86) Perylene-d12	24.59	264	328106	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	384008	141.75	ng	0.00
7) Phenol-d6	7.07	99	500769	121.52	ng	0.00
23) Nitrobenzene-d5	9.02	82	391729	103.18	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	291059	151.74	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	859848	99.45	ng	0.00
79) Terphenyl-d14	19.89	244	1638593	107.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	49772	40.113	ng	# 41
3) Pyridine	3.70	79	118704	32.284	ng	95
4) n-Nitrosodimethylamine	3.60	42	62857	50.930	ng	97
6) Aniline	7.18	93	148741	30.655	ng	99
8) 2-Chlorophenol	7.43	128	146097	50.382	ng	98
9) Benzaldehyde	6.99	77	52397	21.170	ng	96
10) Phenol	7.10	94	169179	42.371	ng	99
11) bis(2-Chloroethyl)ether	7.27	93	141128	46.535	ng	99
12) 1,3-Dichlorobenzene	7.74	146	159098	46.040	ng	99
13) 1,4-Dichlorobenzene	7.89	146	164277	47.593	ng	97
14) 1,2-Dichlorobenzene	8.21	146	152887	46.267	ng	99
15) Benzyl Alcohol	8.11	79	151862	47.622	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.39	45	137511	48.110	ng	98
17) 2-Methylphenol	8.34	107	131360	44.208	ng	98
18) Hexachloroethane	8.94	117	63018	48.070	ng	99
19) n-Nitroso-di-n-propylamine	8.67	70	132077	48.752	ng	# 98
20) 3+4-Methylphenols	8.67	107	169550	43.387	ng	95
22) Acetophenone	8.68	105	230804	48.484	ng	# 98
24) Nitrobenzene	9.06	77	198286	48.983	ng	98
25) Isophorone	9.58	82	361098	49.131	ng	100
26) 2-Nitrophenol	9.78	139	85291	50.574	ng	94
27) 2,4-Dimethylphenol	9.86	122	136846	53.148	ng	100
28) bis(2-Chloroethoxy)methane	10.07	93	195847	51.013	ng	95
29) 2,4-Dichlorophenol	10.33	162	150457	50.085	ng	91
30) 1,2,4-Trichlorobenzene	10.53	180	172592	48.531	ng	98
31) Naphthalene	10.71	128	457392	48.237	ng	97
32) Benzoic acid	10.06	122	50602	33.613	ng	97
33) 4-Chloroaniline	10.83	127	56121	14.133	ng	97
34) Hexachlorobutadiene	11.00	225	117405	46.420	ng	97
35) Caprolactam	11.60	113	22636	23.285	ng	95
36) 4-Chloro-3-methylphenol	11.99	107	180197	51.953	ng	98
37) 2-Methylnaphthalene	12.33	142	350871	49.693	ng	99
38) 1-Methylnaphthalene	12.55	142	337313	50.483	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.70	216	197125	47.119	ng	98

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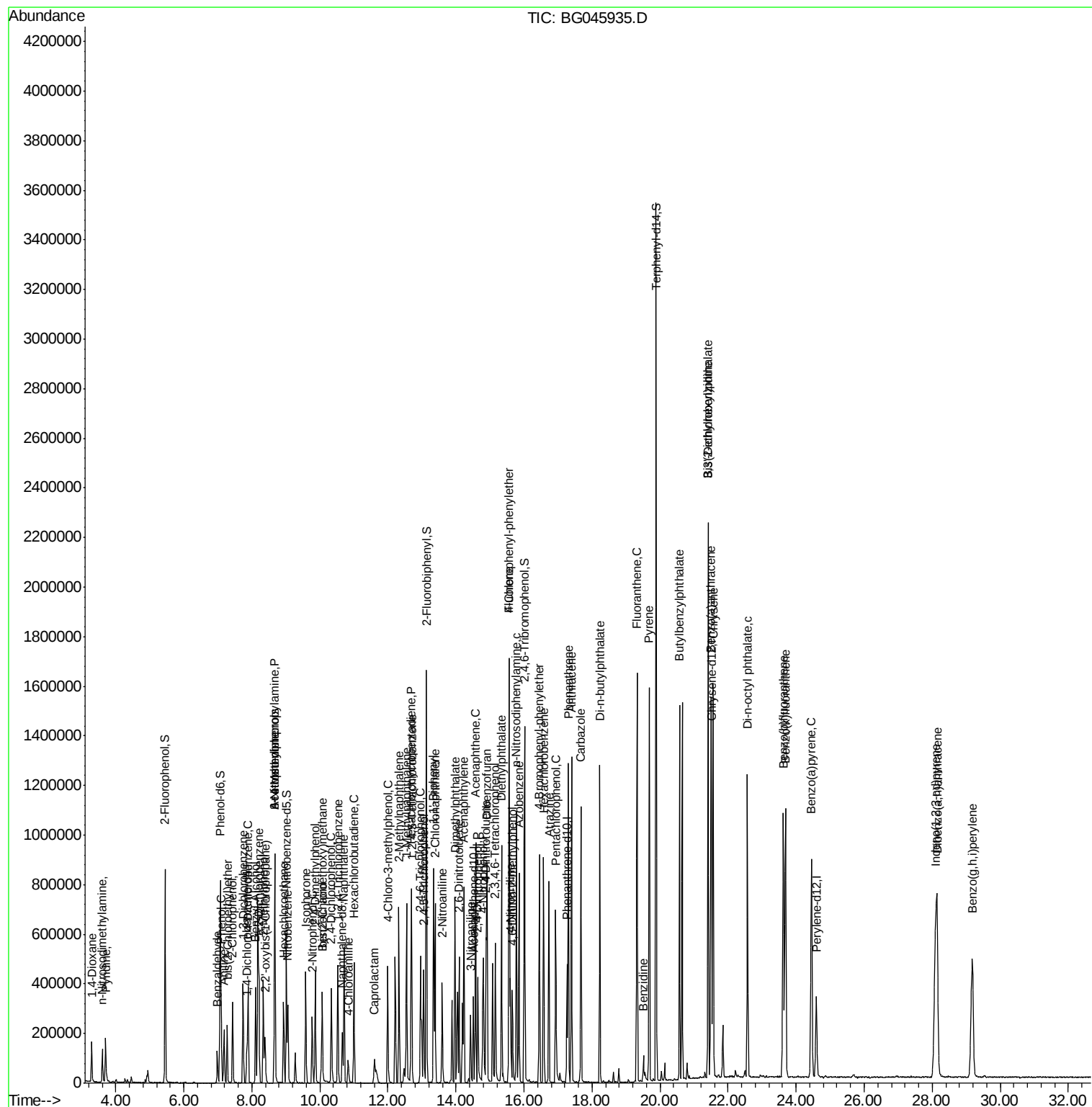
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.68	237	187227	80.912	ng	100
43) 2,4,6-Trichlorophenol	12.95	196	128610	45.341	ng	97
44) 2,4,5-Trichlorophenol	13.05	196	136827	42.325	ng	97
46) 1,1'-Biphenyl	13.34	154	444579	48.874	ng	99
47) 2-Chloronaphthalene	13.38	162	345829	47.065	ng	99
48) 2-Nitroaniline	13.59	65	125011	51.147	ng	98
49) Acenaphthylene	14.23	152	574929	48.849	ng	98
50) Dimethylphthalate	13.97	163	493008	49.532	ng	# 99
51) 2,6-Dinitrotoluene	14.09	165	110781	49.554	ng	87
52) Acenaphthene	14.58	154	348168	48.804	ng	98
53) 3-Nitroaniline	14.43	138	73267	32.812	ng	96
54) 2,4-Dinitrophenol	14.64	184	114836	90.838	ng	95
55) Dibenzofuran	14.91	168	573787	49.510	ng	98
56) 4-Nitrophenol	14.79	139	121401	76.088	ng	98
57) 2,4-Dinitrotoluene	14.89	165	160623	50.147	ng	98
58) Fluorene	15.56	166	487291	50.566	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.16	232	133586	47.610	ng	97
60) Diethylphthalate	15.34	149	518725	50.980	ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	267991	48.249	ng	99
62) 4-Nitroaniline	15.60	138	115353	50.335	ng	96
63) Azobenzene	15.85	77	511516	52.356	ng	98
65) 4,6-Dinitro-2-methylphenol	15.66	198	98756	51.291	ng	97
66) n-Nitrosodiphenylamine	15.77	169	428681	48.578	ng	98
67) 4-Bromophenyl-phenylether	16.45	248	185745	45.883	ng	92
68) Hexachlorobenzene	16.58	284	208029	49.556	ng	100
69) Atrazine	16.73	200	166562	48.641	ng	97
70) Pentachlorophenol	16.93	266	142544	69.916	ng	92
71) Phenanthrene	17.31	178	803747	50.021	ng	98
72) Anthracene	17.39	178	815267	50.952	ng	99
73) Carbazole	17.67	167	773110	50.744	ng	99
74) Di-n-butylphthalate	18.23	149	936761	51.928	ng	98
75) Fluoranthene	19.32	202	1029761	52.117	ng	99
77) Benzidine	19.51	184	98428	12.211	ng	98
78) Pyrene	19.68	202	1015579	48.913	ng	99
80) Butylbenzylphthalate	20.57	149	428804	49.340	ng	98
81) Benzo(a)anthracene	21.50	228	990233	49.259	ng	99
82) 3,3'-Dichlorobenzidine	21.41	252	289084	38.018	ng	94
83) Chrysene	21.56	228	970715	49.924	ng	98
84) Bis(2-ethylhexyl)phthalate	21.41	149	608340	50.323	ng	100
85) Di-n-octyl phthalate	22.57	149	1053585	50.527	ng	100
87) Indeno(1,2,3-cd)pyrene	28.10	276	1260540	52.994	ng	# 96
88) Benzo(b)fluoranthene	23.62	252	1066102	51.823	ng	99
89) Benzo(k)fluoranthene	23.69	252	1051261	53.393	ng	100
90) Benzo(a)pyrene	24.45	252	983420	51.174	ng	100
91) Dibenzo(a,h)anthracene	28.15	278	1033598	54.188	ng	99
92) Benzo(g,h,i)perylene	29.18	276	1013342	53.077	ng	97

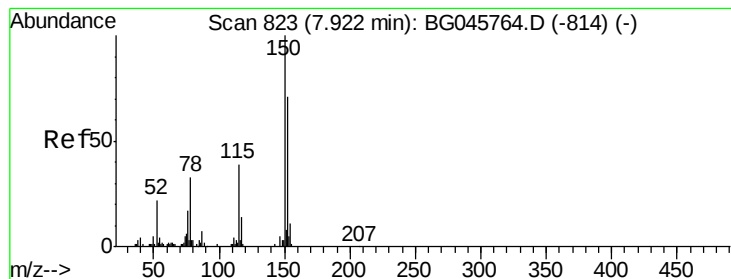
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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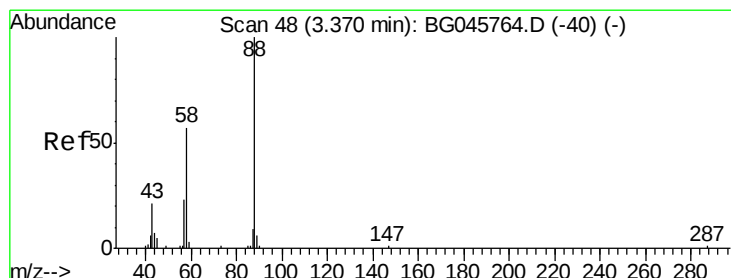
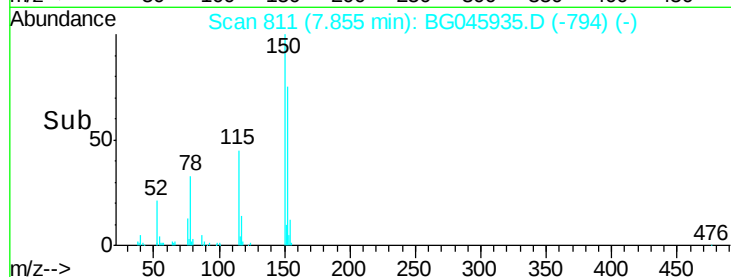
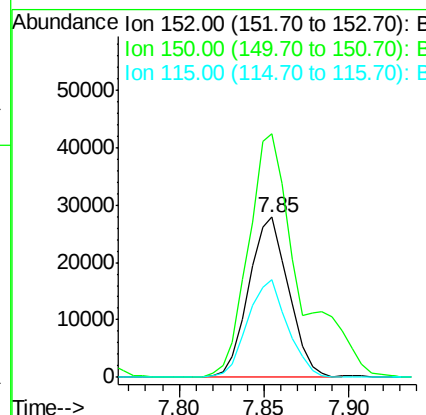
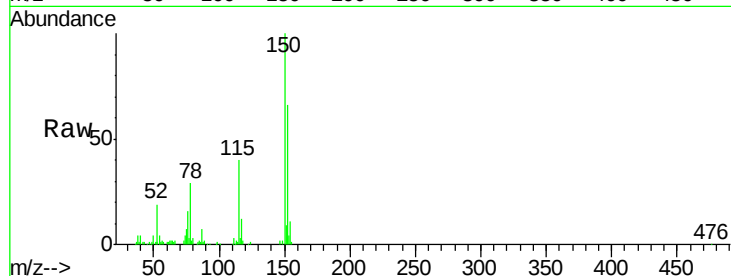


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG045935.D
Acq: 3 Jul 2020 6:07

Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMS

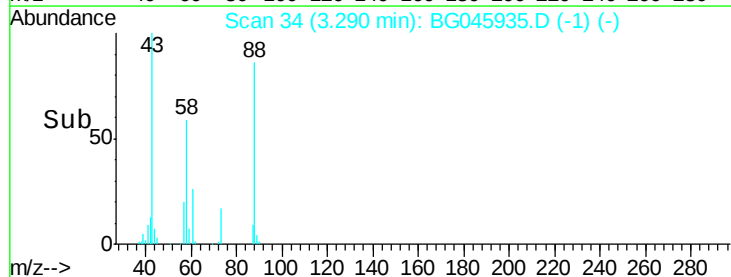
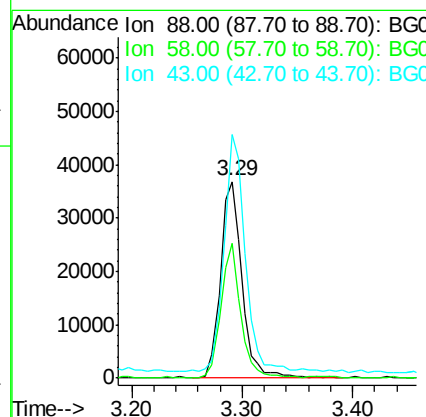
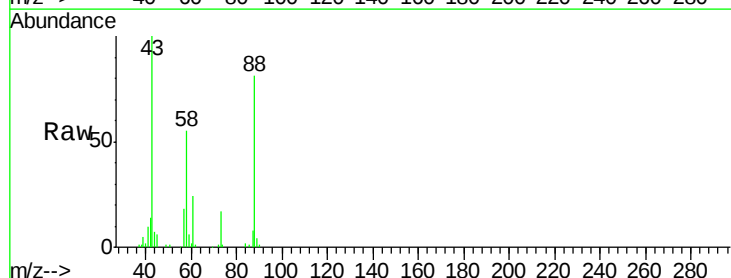
Tot Ion:152 Resp: 45763
Ion Ratio Lower Upper
152 100
150 152.1 124.5 186.7
115 60.6 45.8 68.8

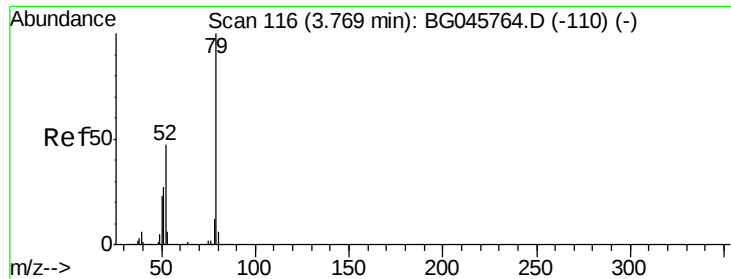


#2

1,4-Dioxane
Concen: 40.113 ng
RT: 3.29 min Scan# 34
Delta R.T. 0.00 min
Lab File: BG045935.D
Acq: 3 Jul 2020 6:07

Tgt Ion: 88 Resp: 49772
Ion Ratio Lower Upper
88 100
58 62.9 47.1 70.7
43 118.8 19.4 29.2#





#3

Pvridine

Concen: 32.284 ng

RT: 3.70 min Scan# 103

Delta R.T. 0.00 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMS

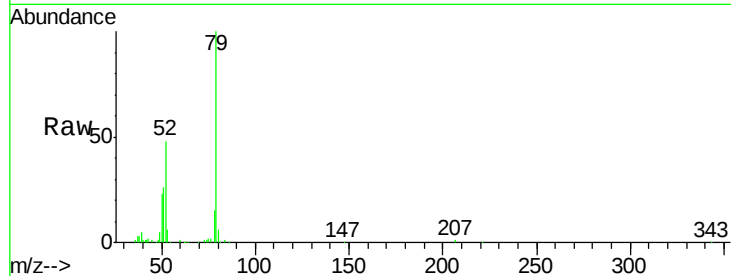
Tot Ion: 79 Resp: 118704

Ion Ratio Lower Upper

79 100

52 47.7 41.0 61.4

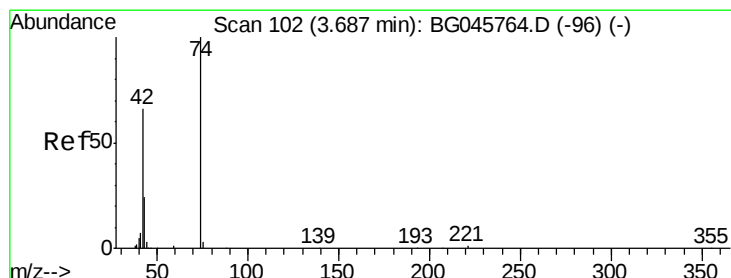
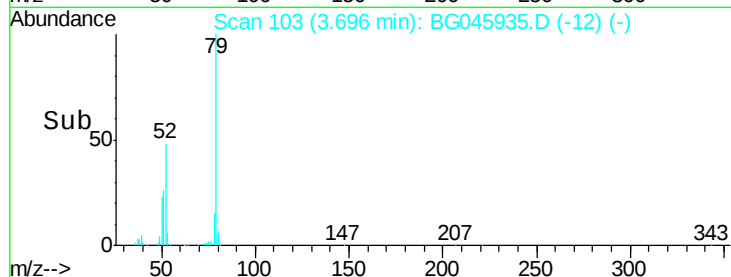
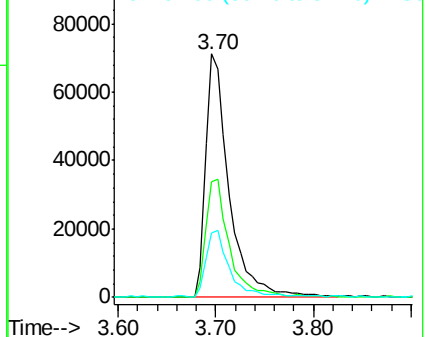
51 26.4 23.0 34.4



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 50.930 ng

RT: 3.60 min Scan# 87

Delta R.T. -0.01 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

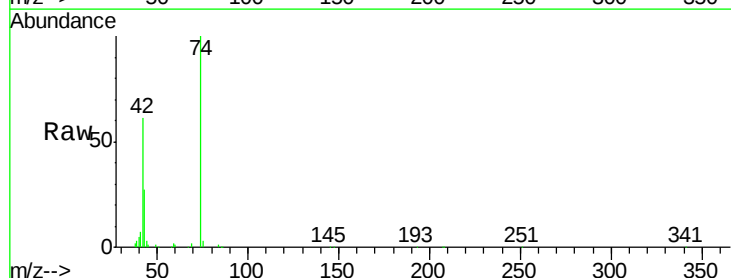
Tgt Ion: 42 Resp: 62857

Ion Ratio Lower Upper

42 100

74 164.3 127.8 191.6

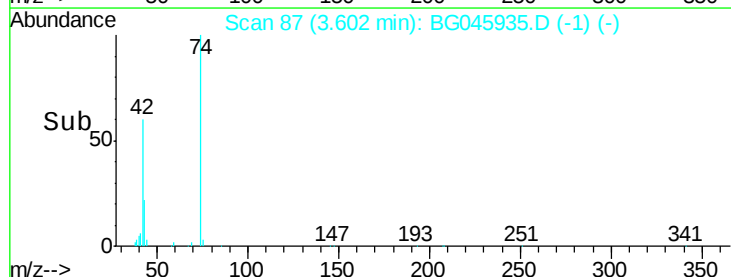
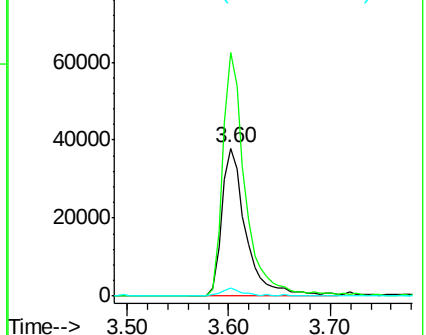
44 5.3 4.1 6.1

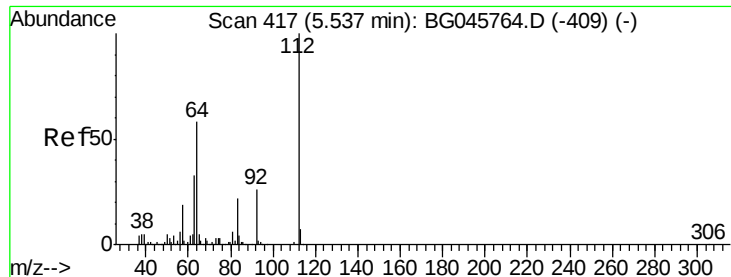


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 141.748 ng

RT: 5.45 min Scan# 401

Delta R.T. -0.01 min

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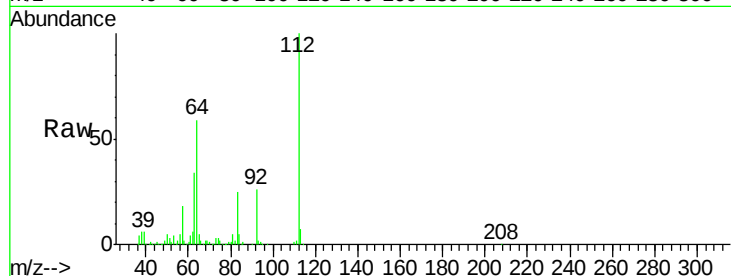
Tot Ion:112 Resp: 384008

Ion Ratio Lower Upper

112 100

64 58.9 44.9 67.3

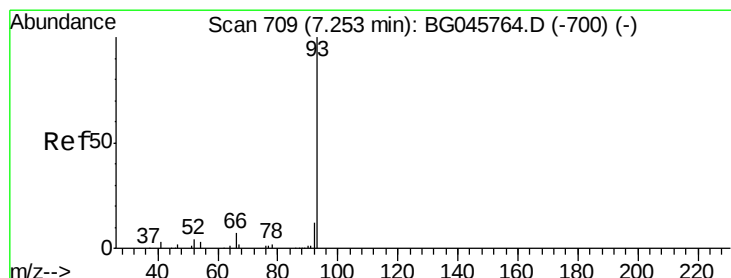
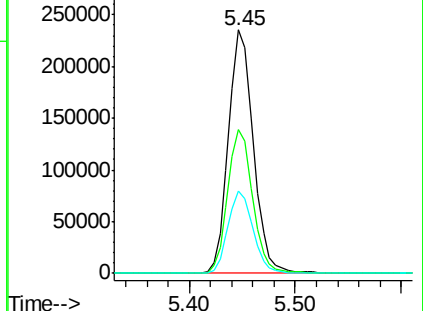
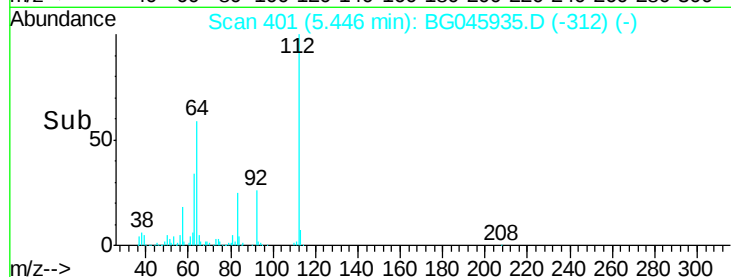
63 34.0 26.9 40.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 30.655 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

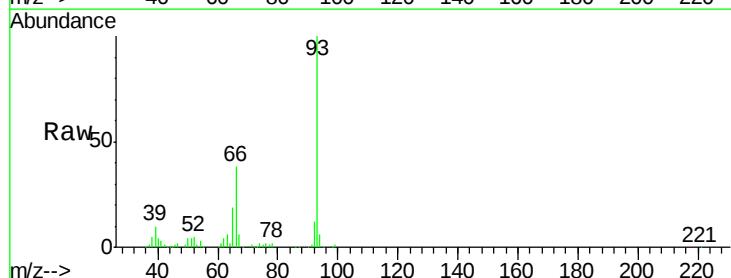
Tgt Ion: 93 Resp: 148741

Ion Ratio Lower Upper

93 100

66 37.8 30.4 45.6

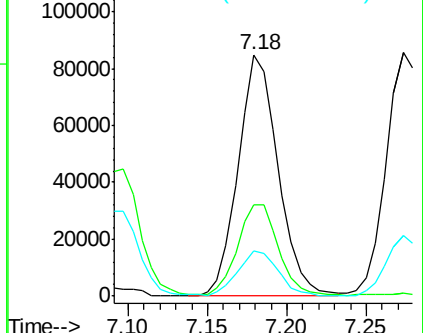
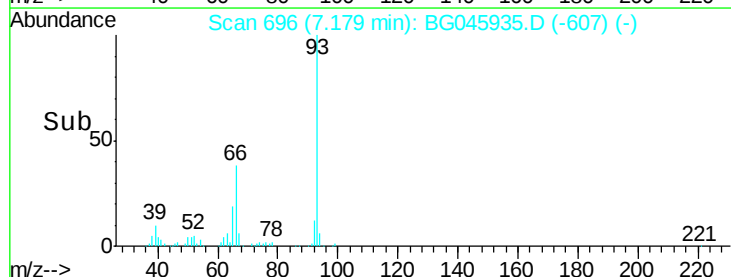
65 18.9 16.2 24.2

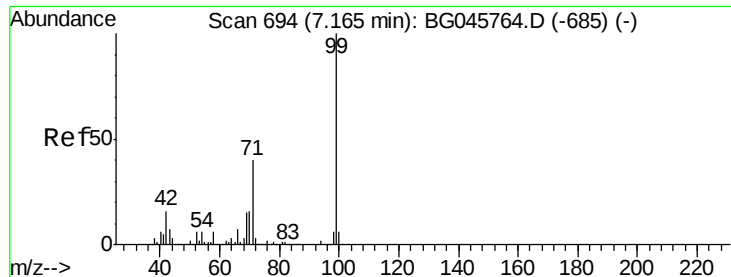


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 121.523 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG045935.D

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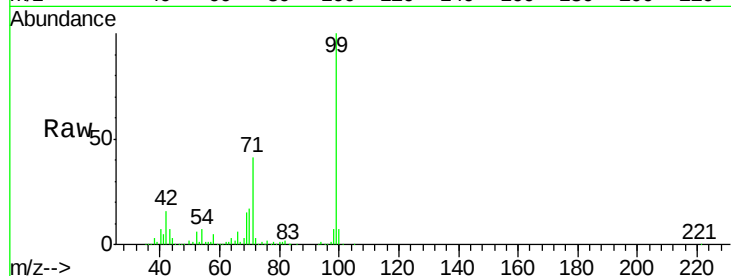
Tot Ion: 99 Resp: 500769

Ion Ratio Lower Upper

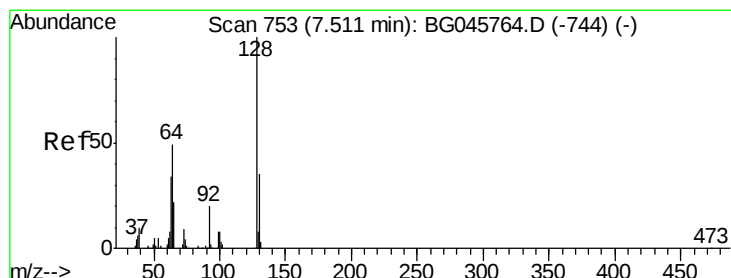
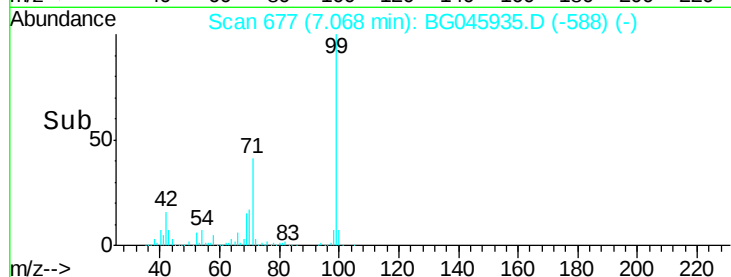
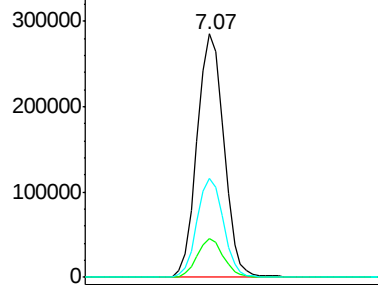
99 100

42 16.2 11.8 17.8

71 40.9 31.0 46.6



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



#8

2-Chlorophenol

Concen: 50.382 ng

RT: 7.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

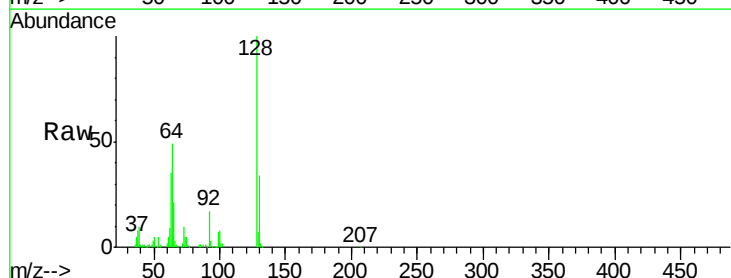
Tgt Ion:128 Resp: 146097

Ion Ratio Lower Upper

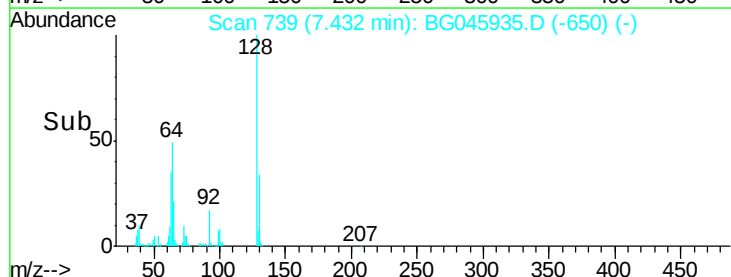
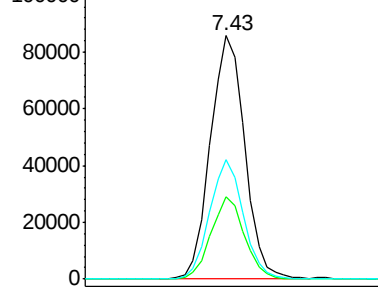
128 100

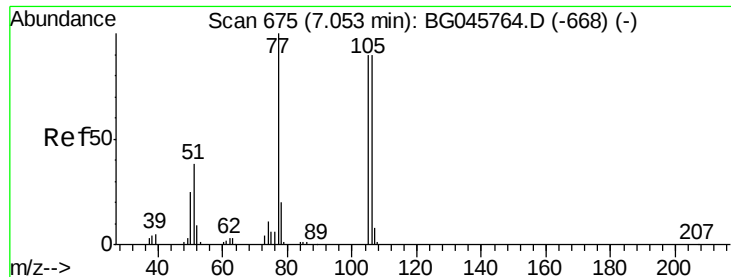
130 33.6 13.7 53.7

64 48.9 26.7 66.7



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





#9

Benzaldehyde

Concen: 21.170 ng

RT: 6.99 min Scan# 663

Delta R.T. -0.01 min

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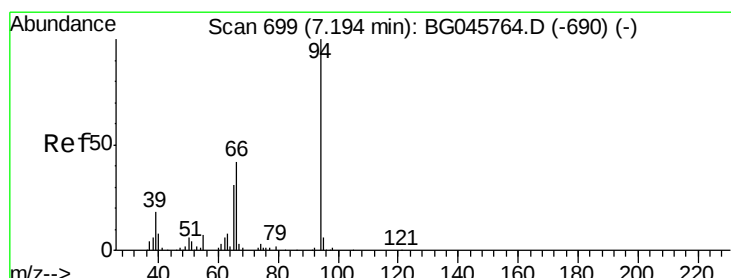
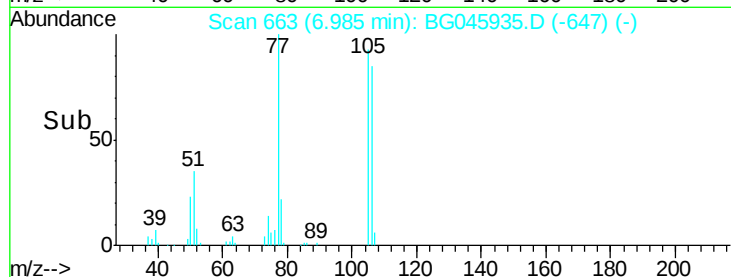
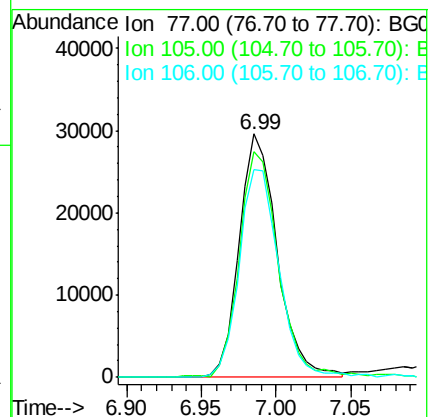
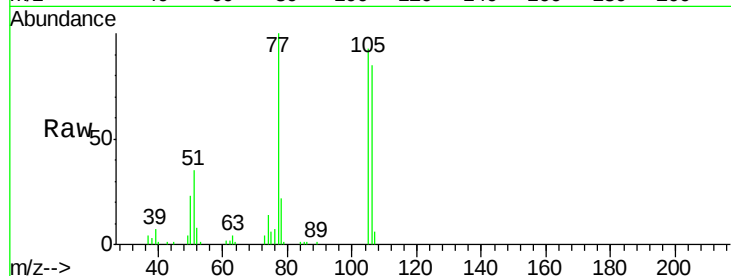
Tot Ion: 77 Resp: 52397

Ion Ratio Lower Upper

77 100

105 92.5 69.6 109.6

106 85.4 69.9 109.9



#10

Phenol

Concen: 42.371 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

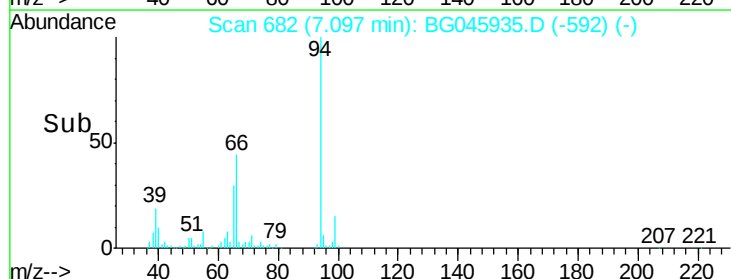
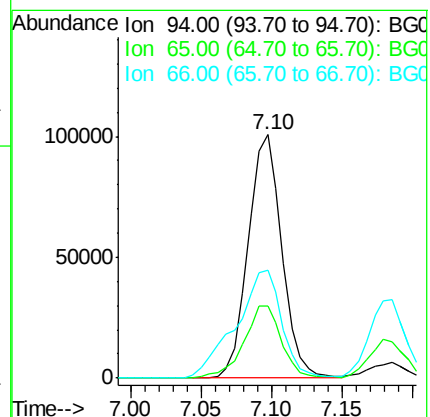
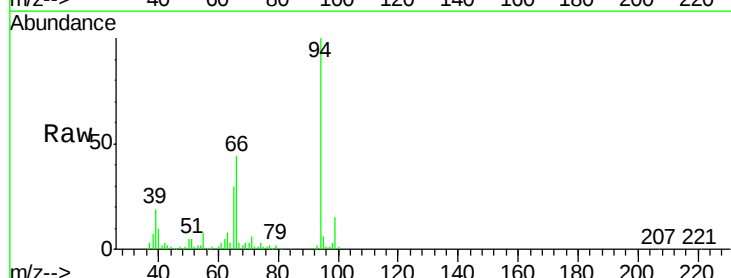
Tgt Ion: 94 Resp: 169179

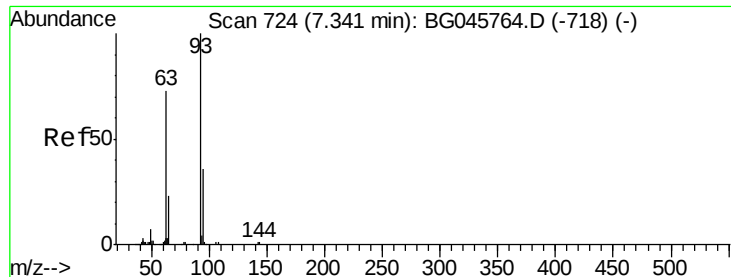
Ion Ratio Lower Upper

94 100

65 29.8 9.4 49.4

66 44.3 24.6 64.6

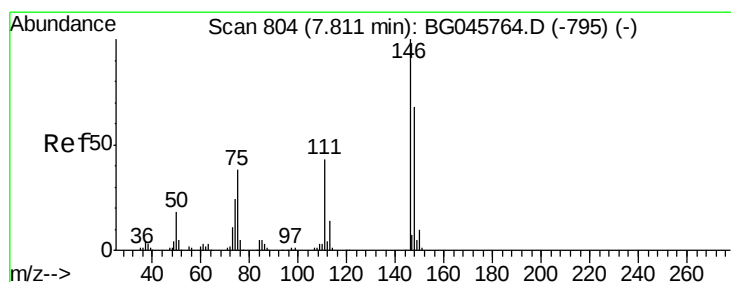
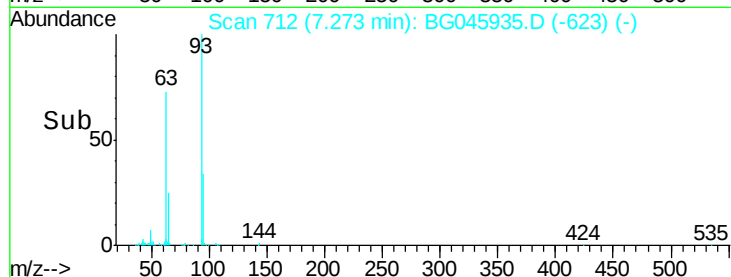
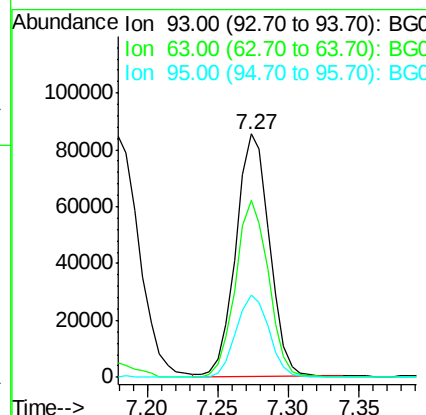
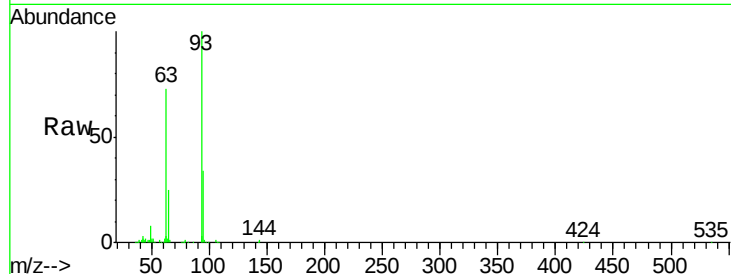




#11
bis(2-Chloroethyl)ether
Concen: 46.535 ng
RT: 7.27 min Scan# 712
Delta R.T. -0.01 min
Lab File: BG045935.D
Acq: 3 Jul 2020 6:07

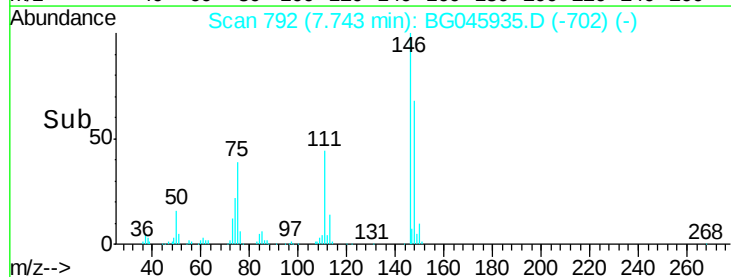
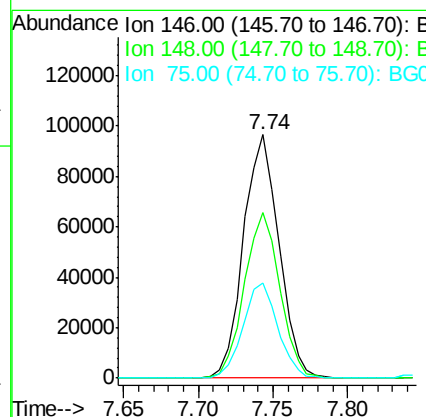
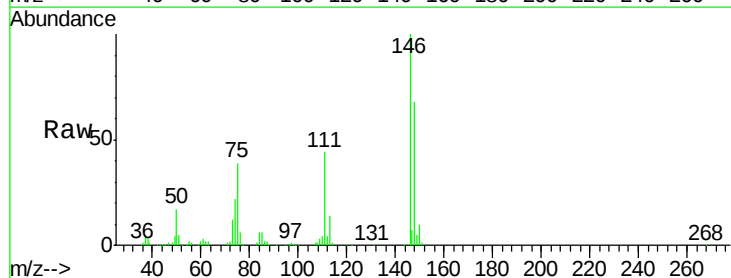
Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMS

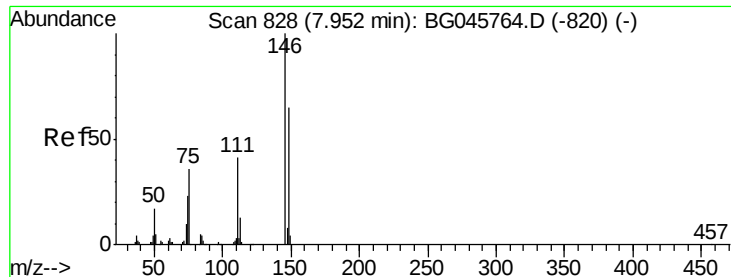
Tot Ion: 93 Resp: 141128
Ion Ratio Lower Upper
93 100
63 72.5 52.8 92.8
95 34.0 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 46.040 ng
RT: 7.74 min Scan# 792
Delta R.T. -0.00 min
Lab File: BG045935.D
Acq: 3 Jul 2020 6:07

Tgt Ion: 146 Resp: 159098
Ion Ratio Lower Upper
146 100
148 67.9 55.1 82.7
75 39.1 31.4 47.0

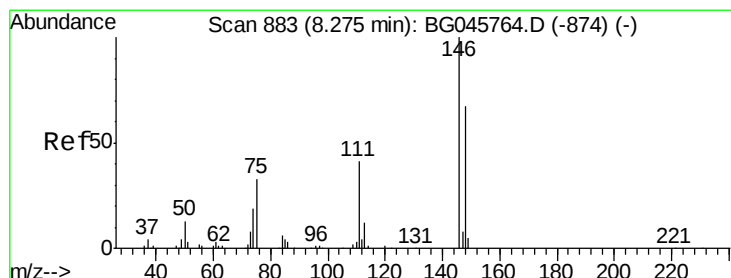
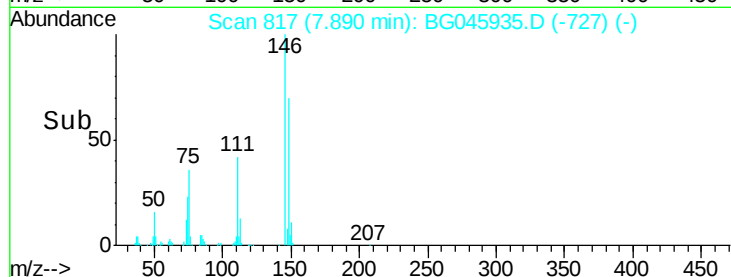
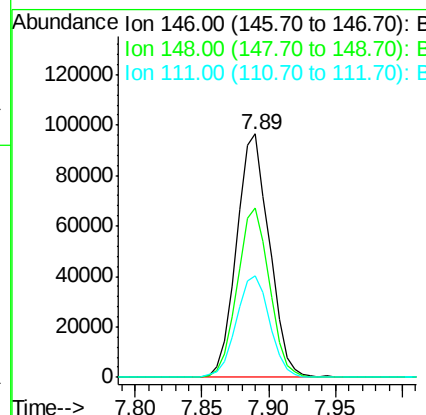
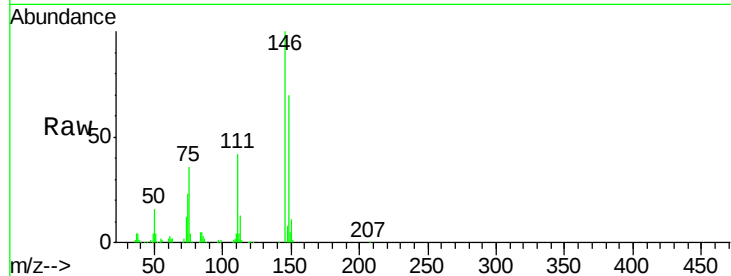




#13
 1,4-Dichlorobenzene
 Concen: 47.593 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BG045935.D
 Acq: 3 Jul 2020 6:07

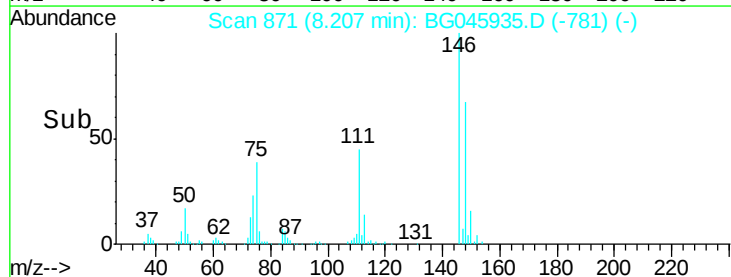
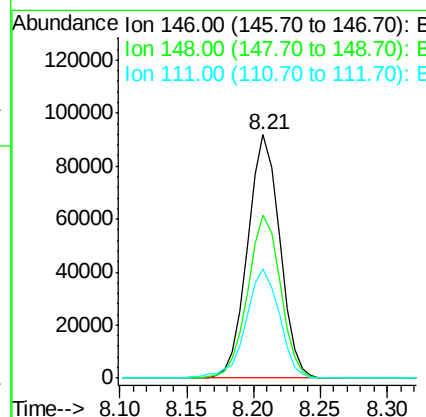
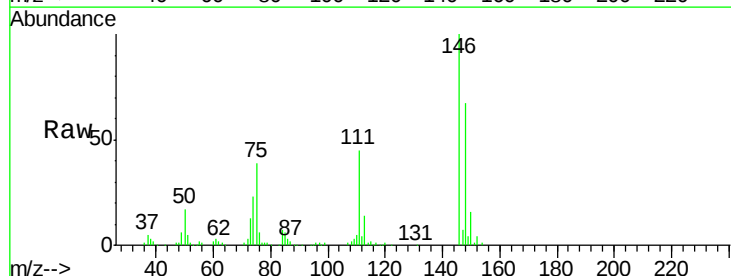
Instrument :
 BNA_G
 ClientSampleId :
 MH-1-COMPMS

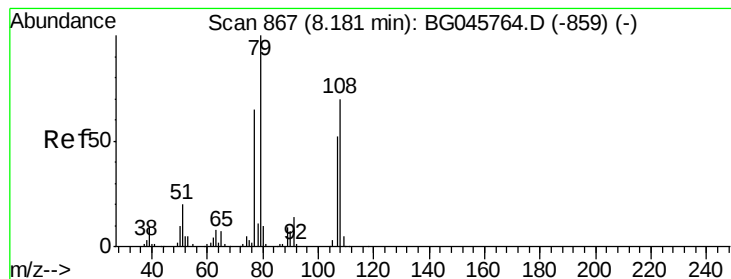
Tot Ion:146 Resp: 164277
 Ion Ratio Lower Upper
 146 100
 148 69.8 54.2 81.4
 111 41.6 35.1 52.7



#14
 1,2-Dichlorobenzene
 Concen: 46.267 ng
 RT: 8.21 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BG045935.D
 Acq: 3 Jul 2020 6:07

Tgt Ion:146 Resp: 152887
 Ion Ratio Lower Upper
 146 100
 148 67.0 53.3 79.9
 111 44.7 34.4 51.6





#15

Benzyl Alcohol

Concen: 47.622 ng

RT: 8.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMS

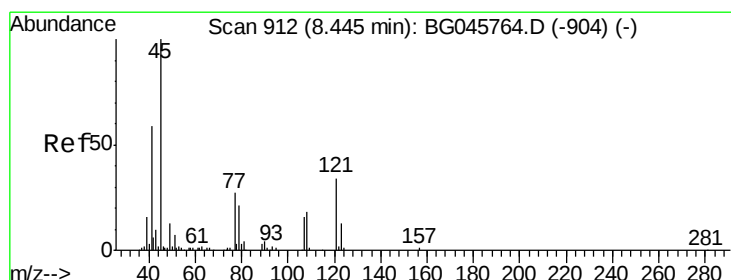
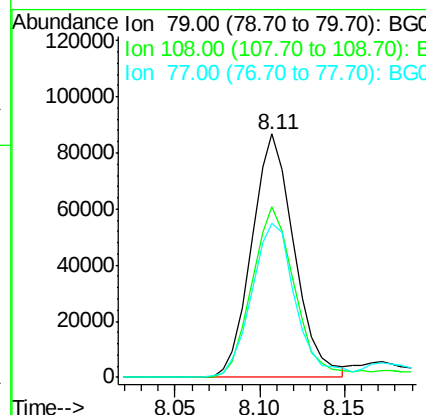
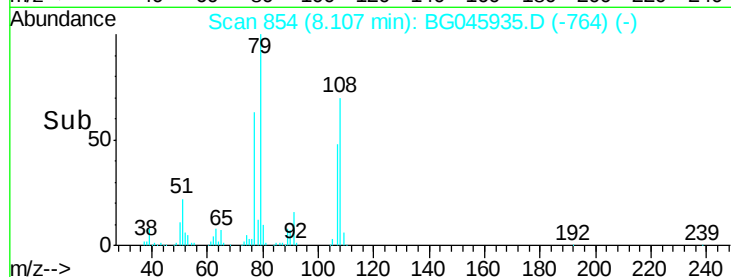
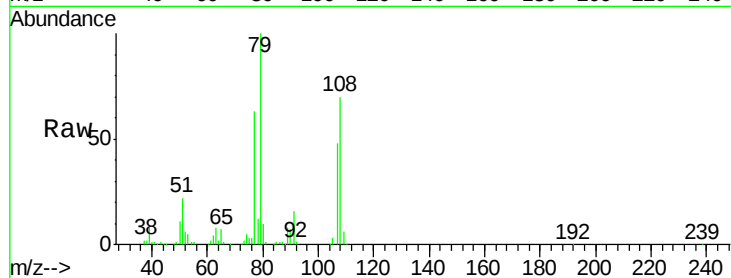
Tot Ion: 79 Resp: 151862

Ion Ratio Lower Upper

79 100

108 70.1 50.7 76.1

77 63.5 50.4 75.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 48.110 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

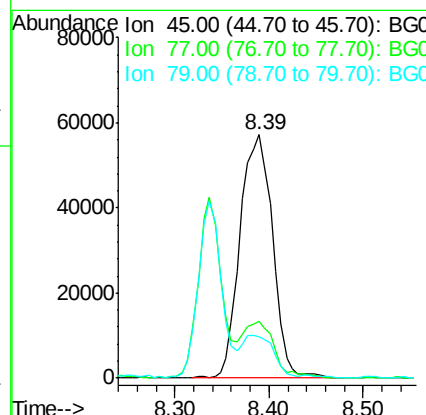
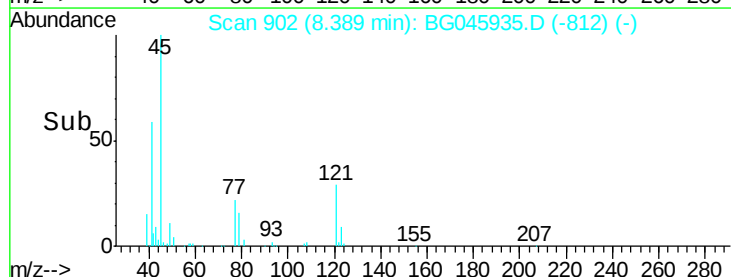
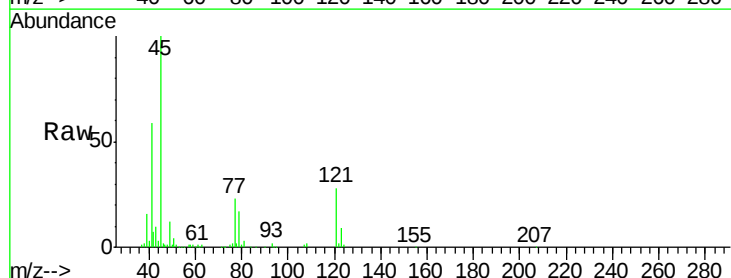
Tgt Ion: 45 Resp: 137511

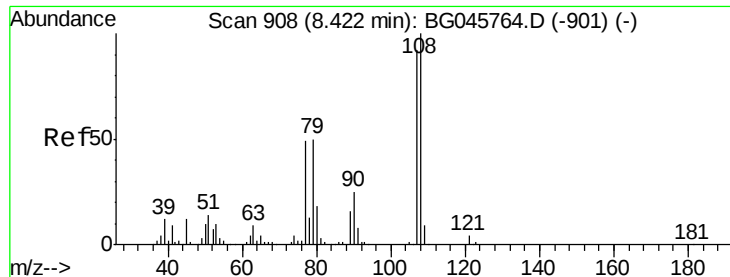
Ion Ratio Lower Upper

45 100

77 23.2 4.1 44.1

79 17.2 0.0 38.0

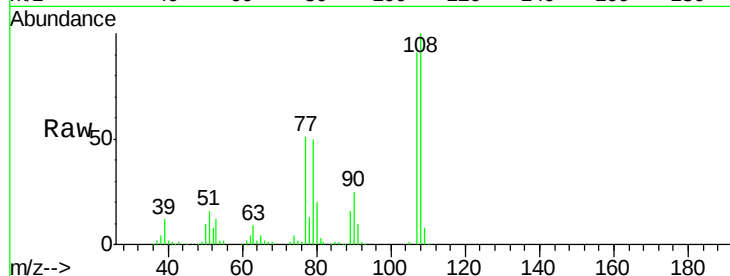




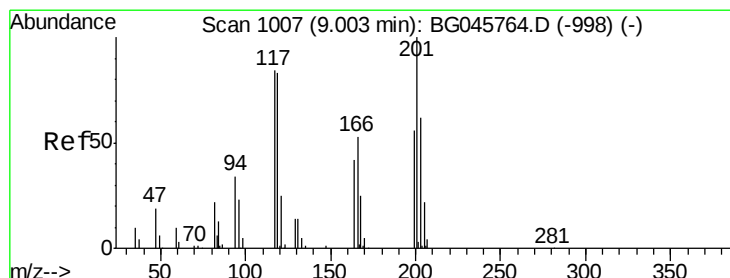
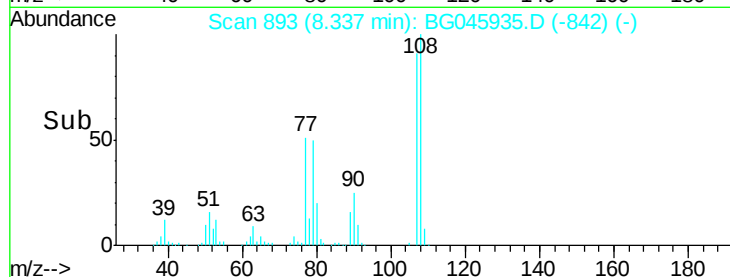
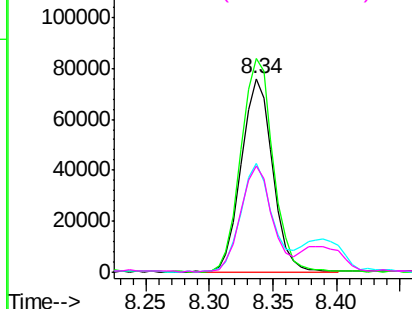
#17
2-Methylphenol
Concen: 44.208 ng
RT: 8.34 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG045935.D
Acq: 3 Jul 2020 6:07

Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMS

Tot Ion:	107	Resp:	131360
Ion	Ratio	Lower	Upper
107	100		
108	110.4	87.1	130.7
77	56.2	43.7	65.5
79	54.7	42.5	63.7

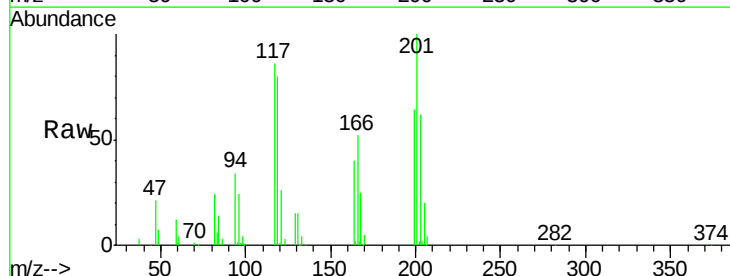


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

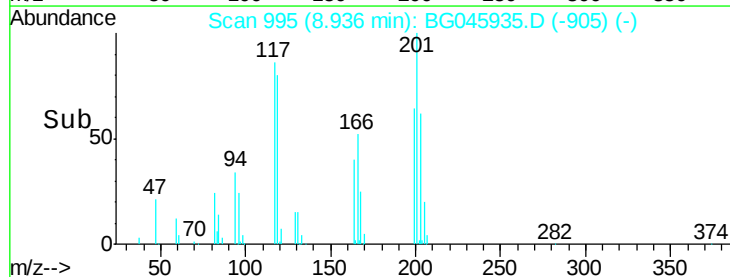
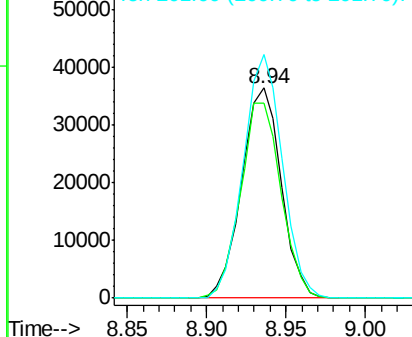


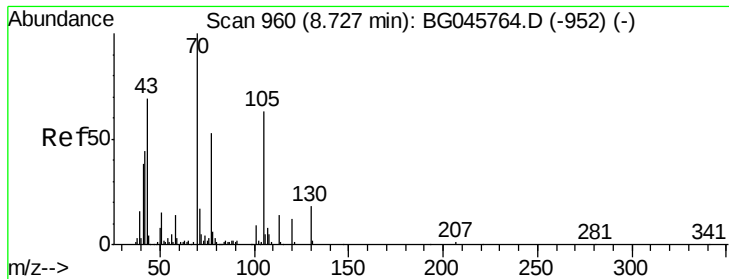
#18
Hexachloroethane
Concen: 48.070 ng
RT: 8.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BG045935.D
Acq: 3 Jul 2020 6:07

Tgt Ion:	117	Resp:	63018
Ion	Ratio	Lower	Upper
117	100		
119	92.8	74.6	111.8
201	116.0	94.6	141.8



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

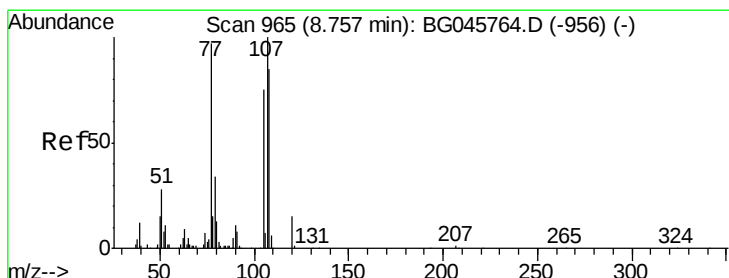
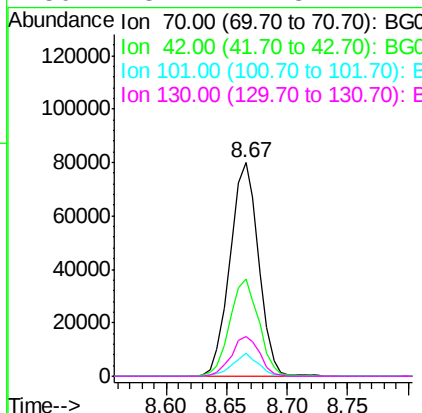
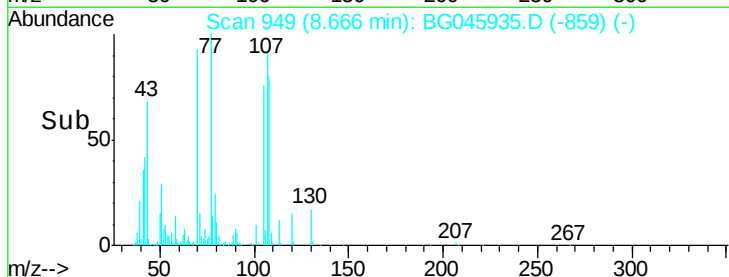
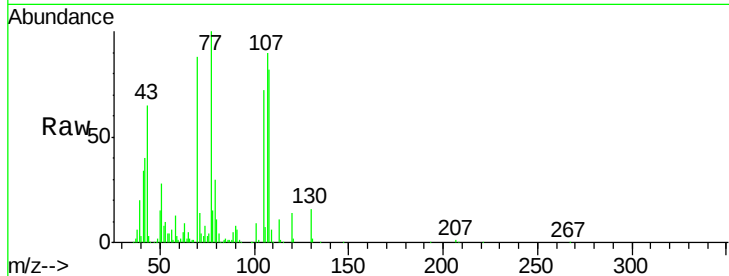




#19
n-Nitroso-di-n-propylamine
Concen: 48.752 ng
RT: 8.67 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG045935.D
Acq: 3 Jul 2020 6:07

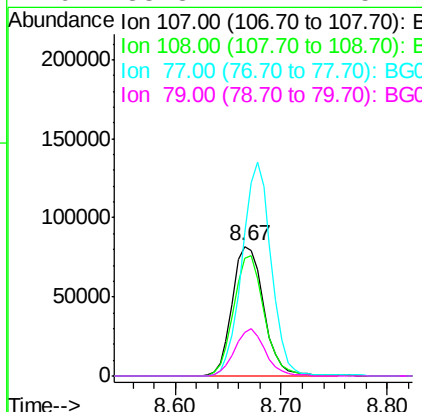
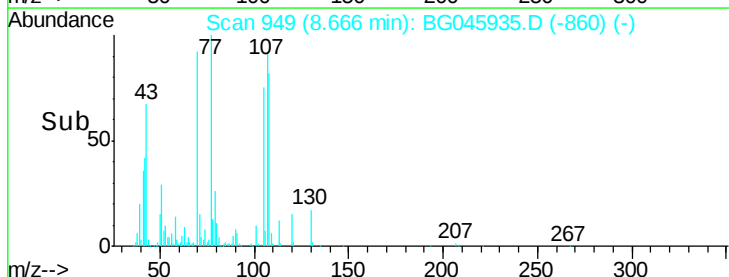
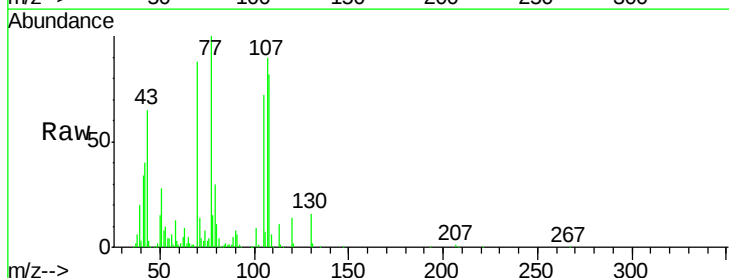
Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMS

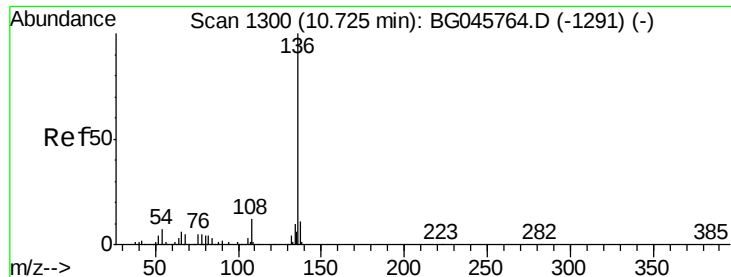
Tot Ion: 70 Resp: 132077
Ion Ratio Lower Upper
70 100
42 45.6 35.6 53.4
101 10.7 6.6 10.0#
130 18.7 14.8 22.2



#20
3+4-Methylphenols
Concen: 43.387 ng
RT: 8.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG045935.D
Acq: 3 Jul 2020 6:07

Tgt Ion: 107 Resp: 169550
Ion Ratio Lower Upper
107 100
108 90.7 69.4 109.4
77 110.7 101.0 141.0
79 33.3 14.4 54.4

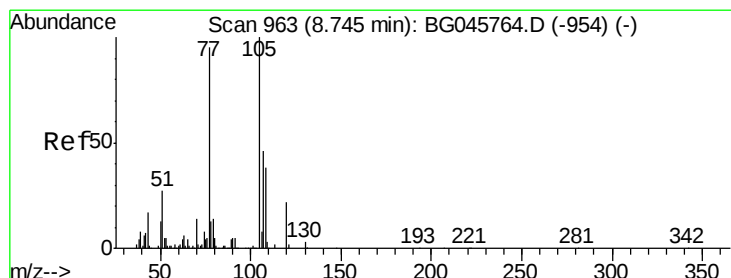
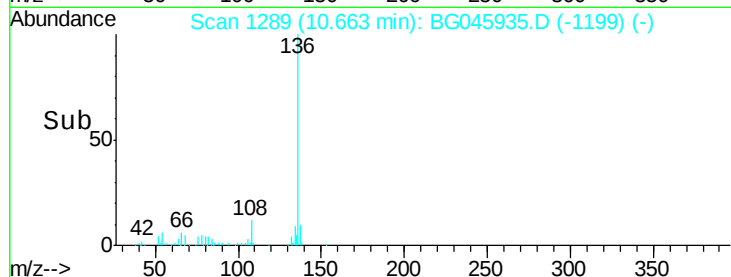
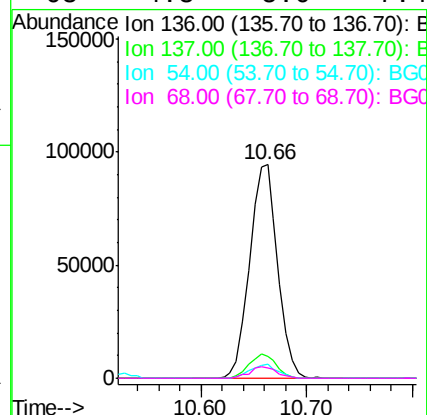
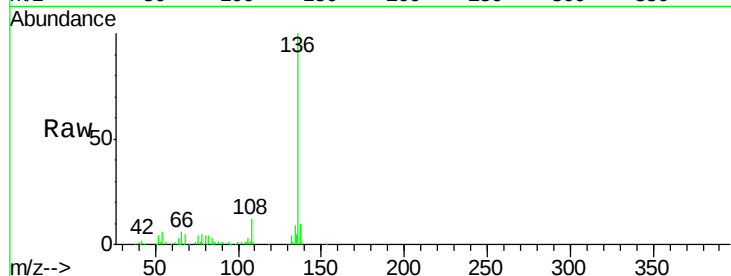




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG045935.D
Acq: 3 Jul 2020 6:07

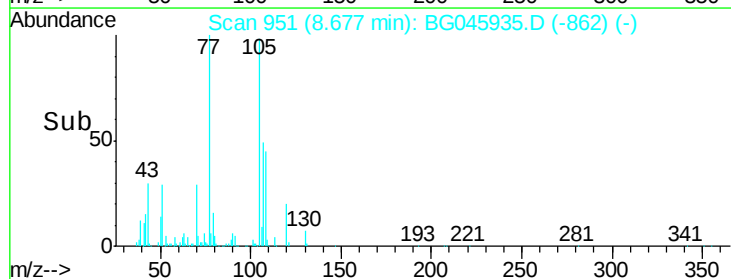
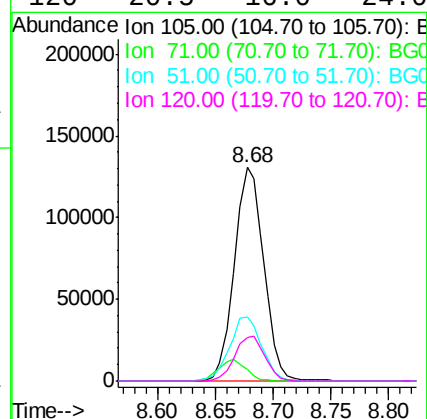
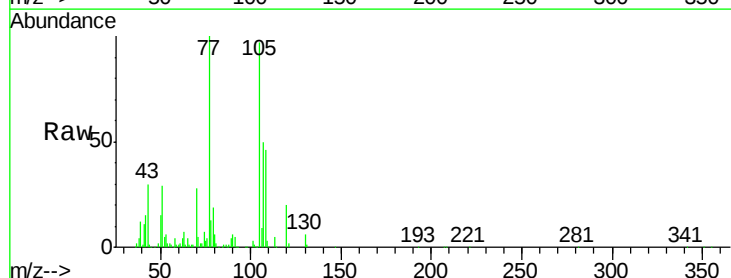
Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMS

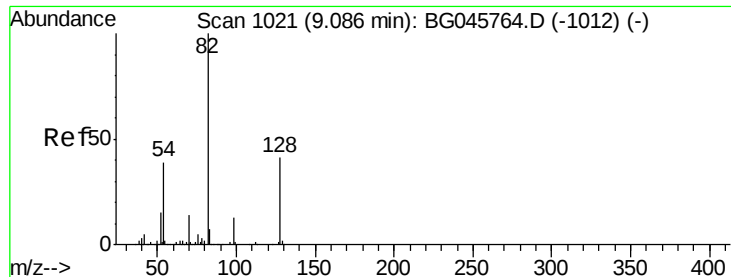
Tot Ion:136	Resp:	173439
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.2 12.4
54	6.4	4.6 7.0
68	4.8	5.0 7.4#



#22
Acetophenone
Concen: 48.484 ng
RT: 8.68 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG045935.D
Acq: 3 Jul 2020 6:07

Tgt Ion:105	Resp:	230804
Ion Ratio	Lower	Upper
105	100	
71	5.4	2.2 3.4#
51	29.8	24.4 36.6
120	20.5	16.0 24.0

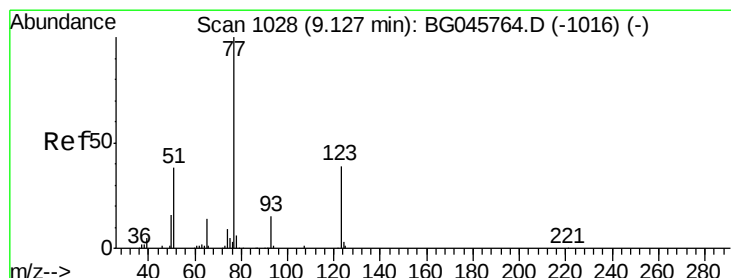
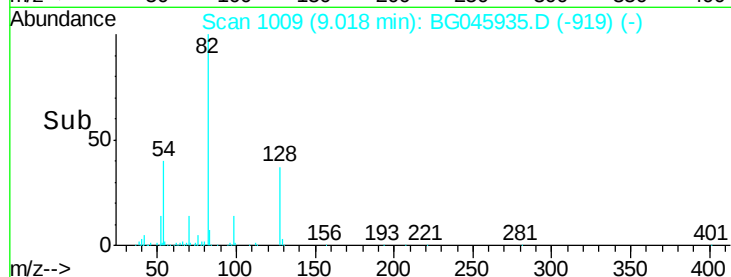
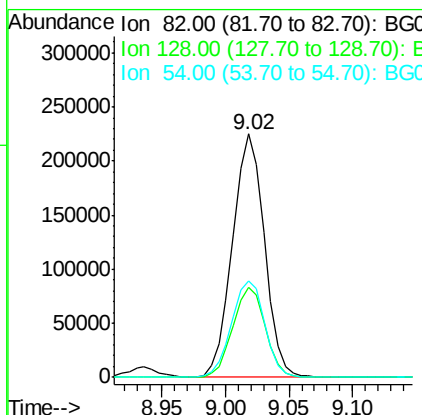
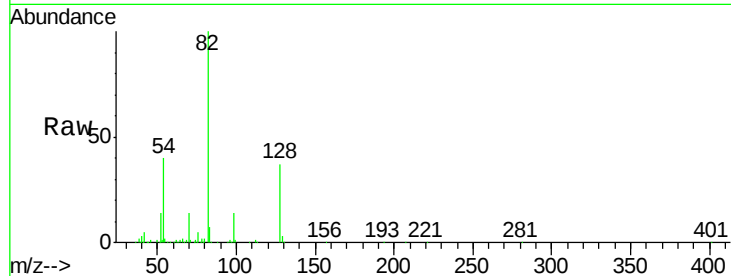




#23
 Nitrobenzene-d5
 Concen: 103.181 ng
 RT: 9.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG045935.D
 Acq: 3 Jul 2020 6:07

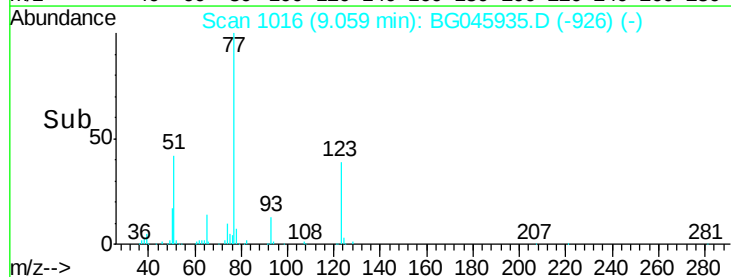
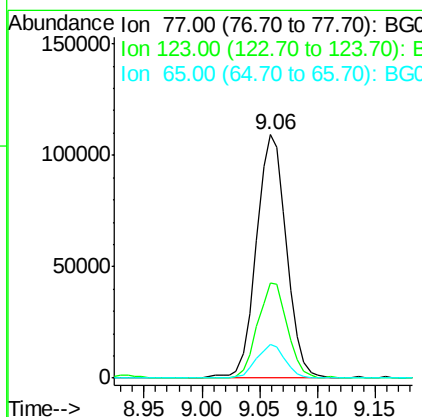
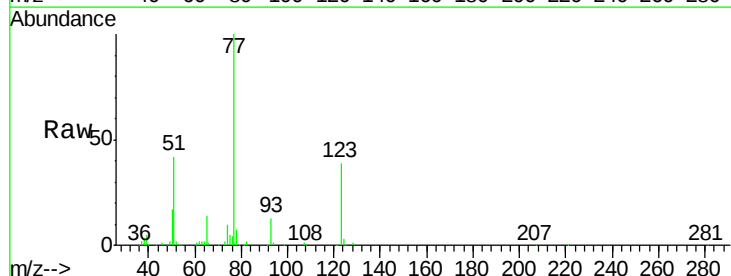
Instrument :
 BNA_G
 ClientSampleId :
 MH-1-COMPMS

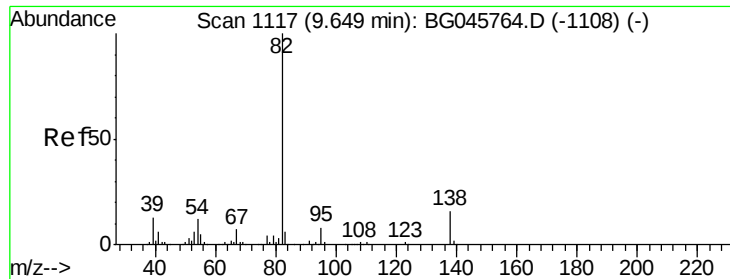
Tot Ion	82	Resp	391729
Ion Ratio	Lower	Upper	
82	100		
128	36.8	29.9	44.9
54	39.7	33.3	49.9



#24
 Nitrobenzene
 Concen: 48.983 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG045935.D
 Acq: 3 Jul 2020 6:07

Tgt Ion	77	Resp	198286
Ion Ratio	Lower	Upper	
77	100		
123	39.2	30.3	45.5
65	13.7	11.0	16.6





#25

Isophorone

Concen: 49.131 ng

RT: 9.58 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMS

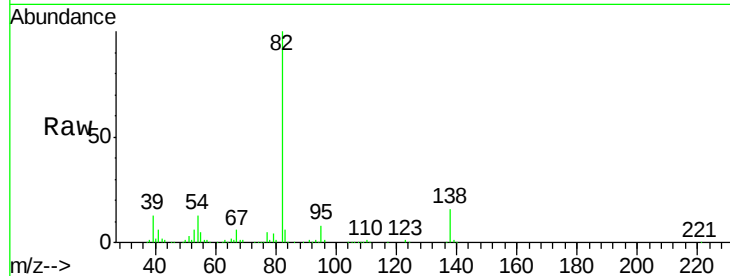
Tot Ion: 82 Resp: 361098

Ion Ratio Lower Upper

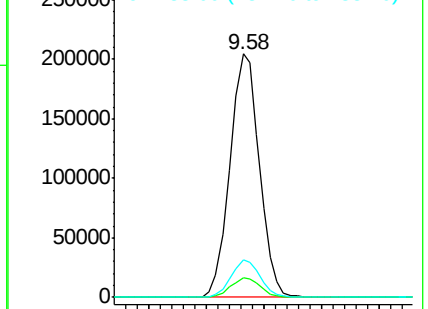
82 100

95 7.8 6.4 9.6

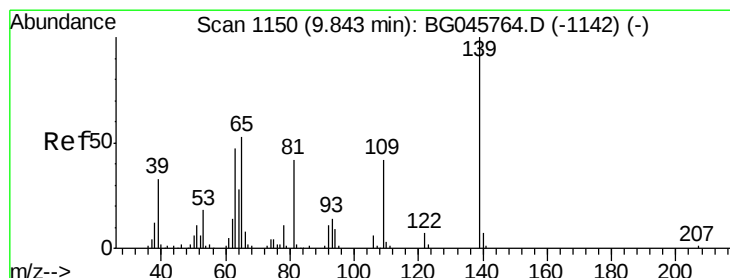
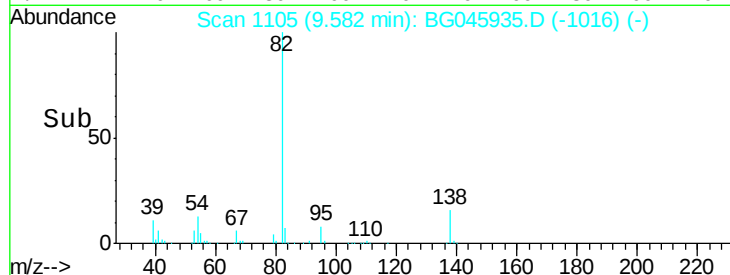
138 15.7 12.4 18.6



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



Time-->



#26

2-Nitrophenol

Concen: 50.574 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

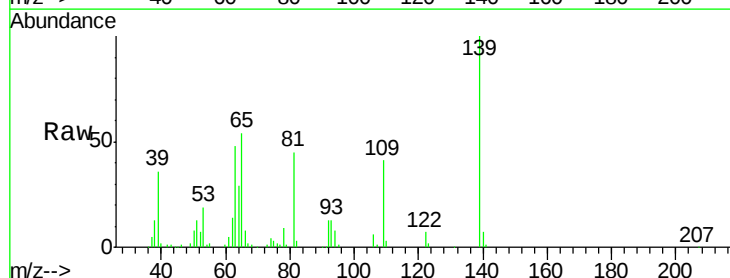
Tgt Ion: 139 Resp: 85291

Ion Ratio Lower Upper

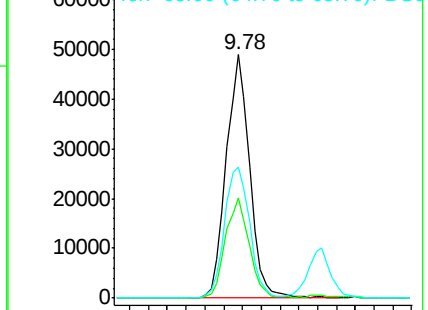
139 100

109 41.2 34.2 51.4

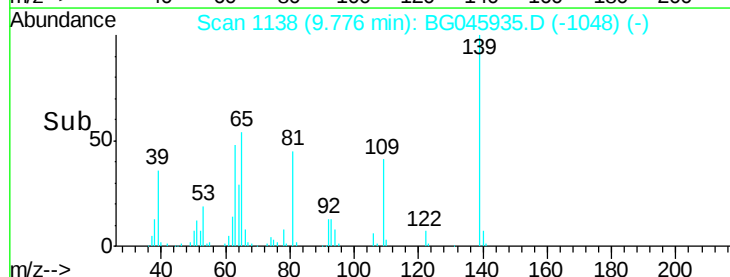
65 53.7 47.6 71.4

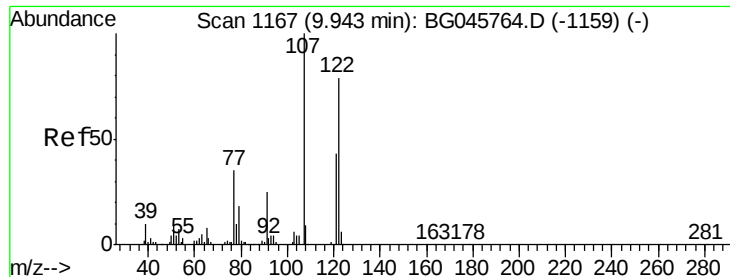


Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



Time-->

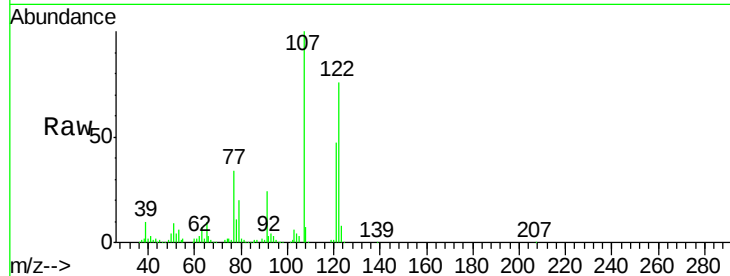




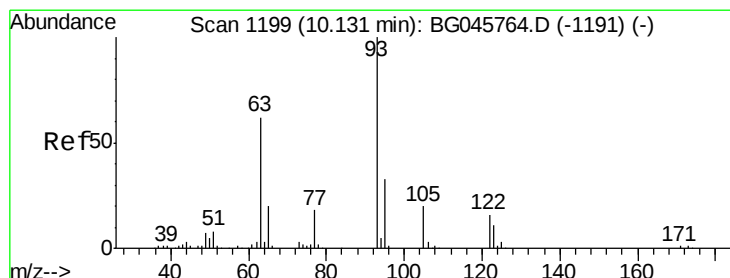
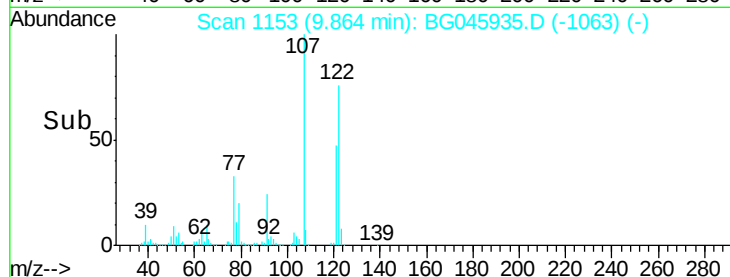
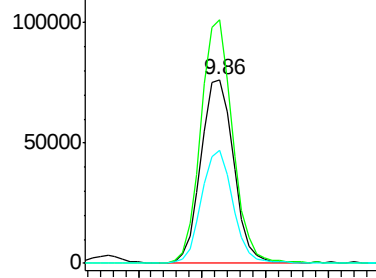
#27
 2,4-Dimethylphenol
 Concen: 53.148 ng
 RT: 9.86 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG045935.D
 Acq: 3 Jul 2020 6:07

Instrument :
 BNA_G
 ClientSampleId :
 MH-1-COMPMS

Tot Ion:122 Resp: 136846
 Ion Ratio Lower Upper
 122 100
 107 132.4 106.1 159.1
 121 61.8 49.0 73.6

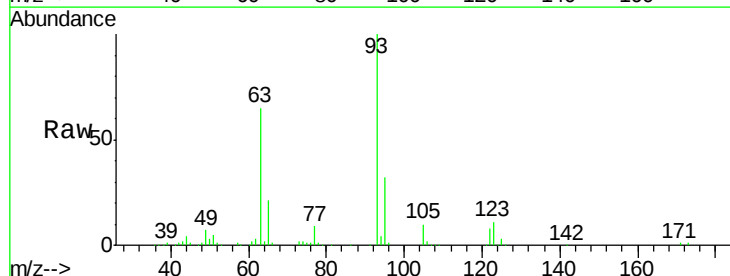


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

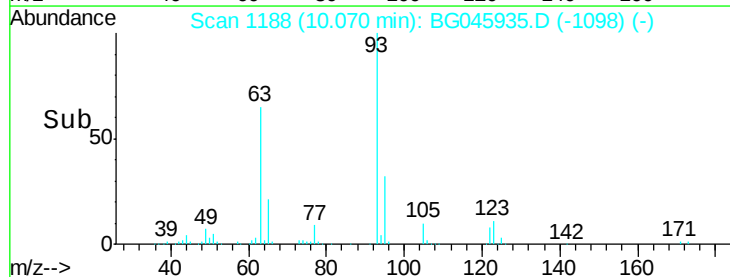
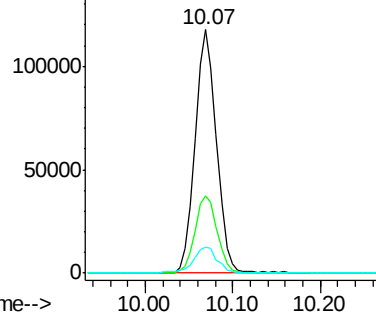


#28
 bis(2-Chloroethoxy)methane
 Concen: 51.013 ng
 RT: 10.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BG045935.D
 Acq: 3 Jul 2020 6:07

Tgt Ion: 93 Resp: 195847
 Ion Ratio Lower Upper
 93 100
 95 32.0 28.2 42.2
 123 10.9 9.2 13.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

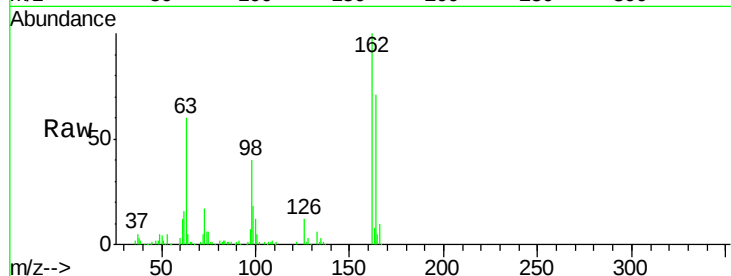




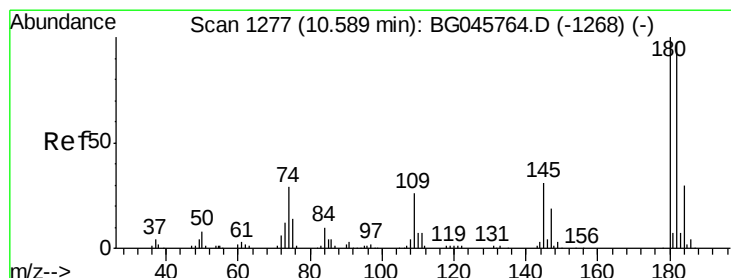
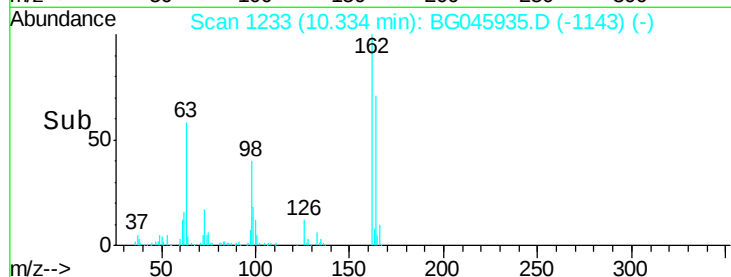
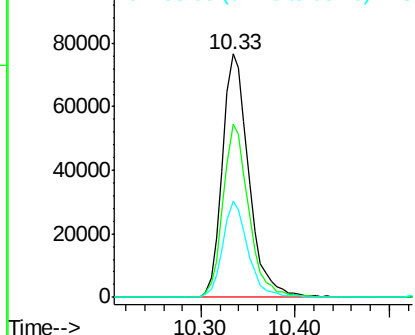
#29
 2,4-Dichlorophenol
 Concen: 50.085 ng
 RT: 10.33 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BG045935.D
 Acq: 3 Jul 2020 6:07

Instrument :
 BNA_G
 ClientSampleId :
 MH-1-COMPMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	71.1	41.9	81.9
98	39.9	17.1	57.1

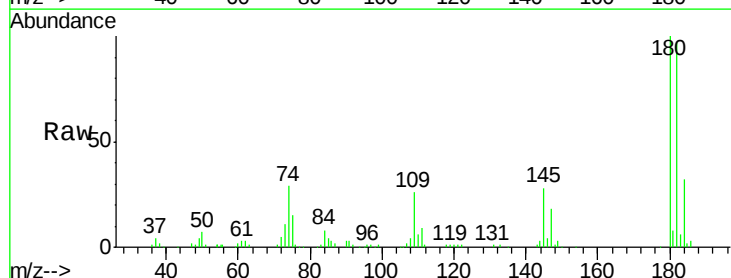


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

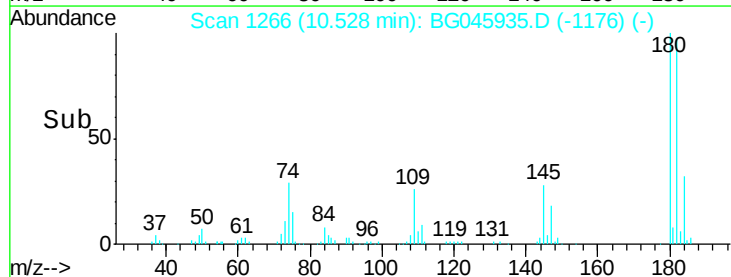
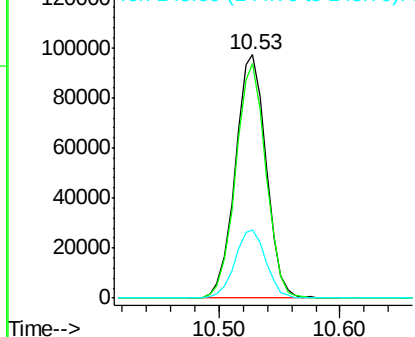


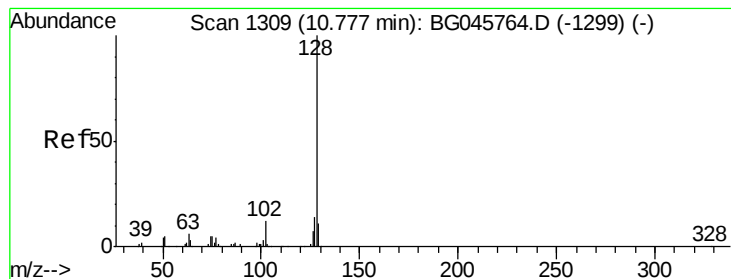
#30
 1,2,4-Trichlorobenzene
 Concen: 48.531 ng
 RT: 10.53 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BG045935.D
 Acq: 3 Jul 2020 6:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.8	113.6
145	27.9	22.7	34.1



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





#31

Naphthalene

Concen: 48.237 ng

RT: 10.71 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMS

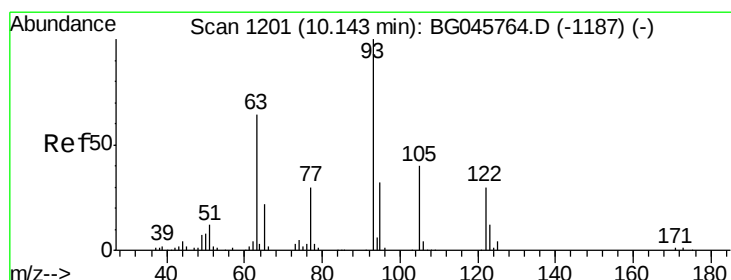
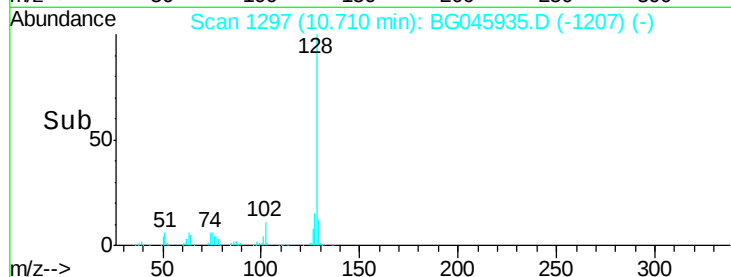
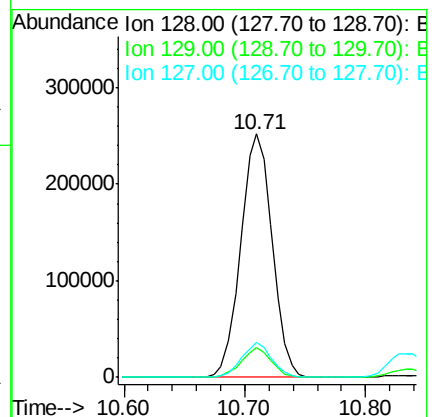
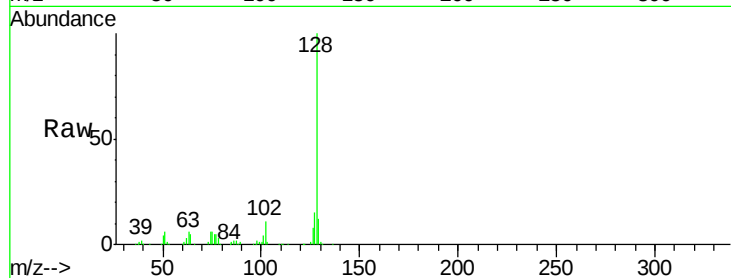
Tot Ion:128 Resp: 457392

Ion Ratio Lower Upper

128 100

129 12.5 9.1 13.7

127 14.6 10.8 16.2



#32

Benzoic acid

Concen: 33.613 ng

RT: 10.06 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

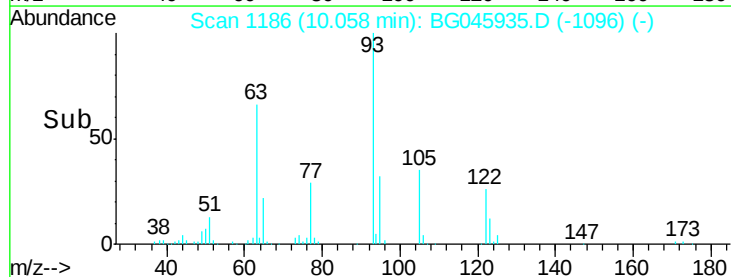
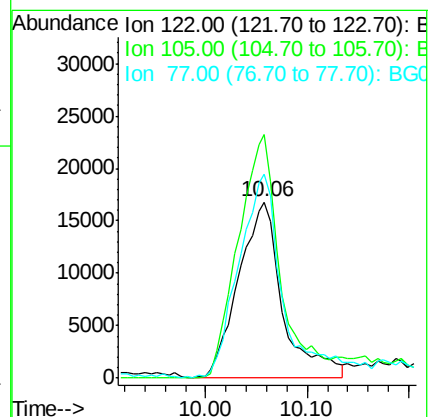
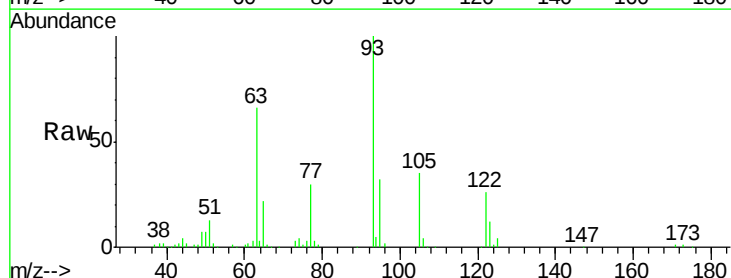
Tgt Ion:122 Resp: 50602

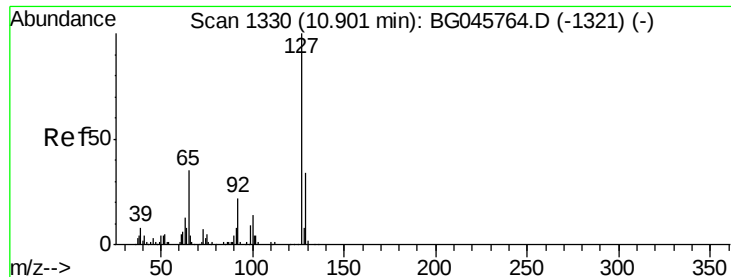
Ion Ratio Lower Upper

122 100

105 138.5 123.1 163.1

77 116.4 93.9 133.9

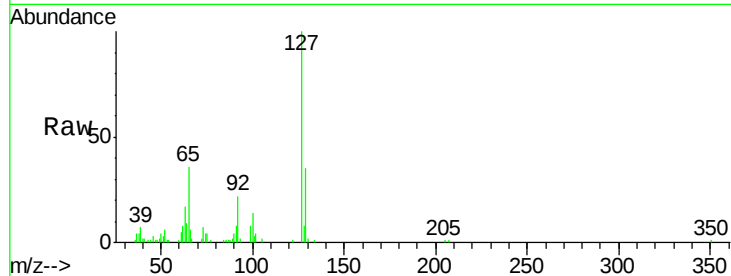




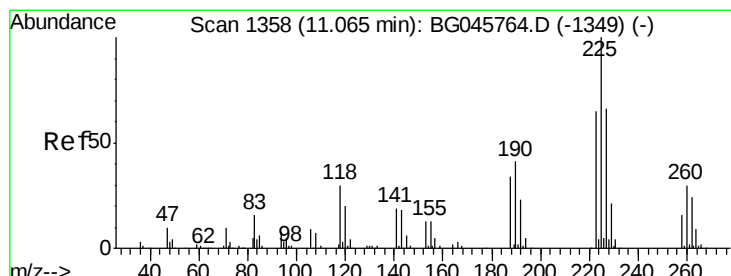
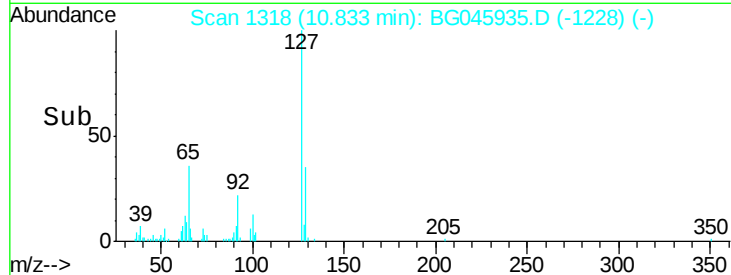
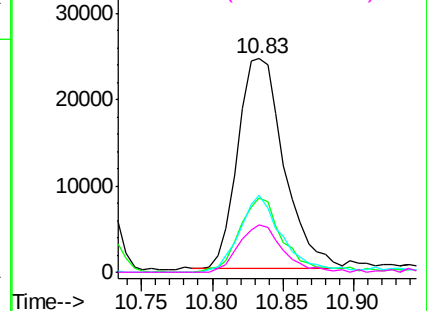
#33
4-Chloroaniline
Concen: 14.133 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045935.D
Acq: 3 Jul 2020 6:07

Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMS

Tot Ion:127	Resp:	56121
Ion Ratio	Lower	Upper
127	100	
129	34.7	26.2 39.2
65	35.7	26.9 40.3
92	22.2	17.8 26.6

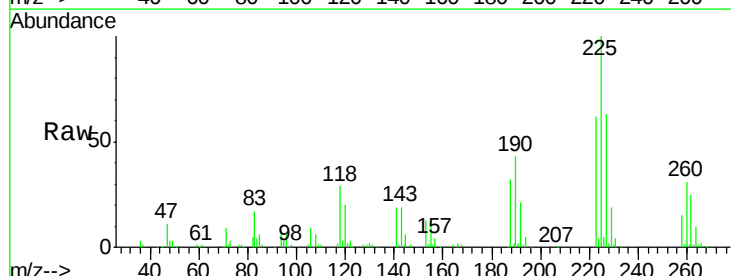


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

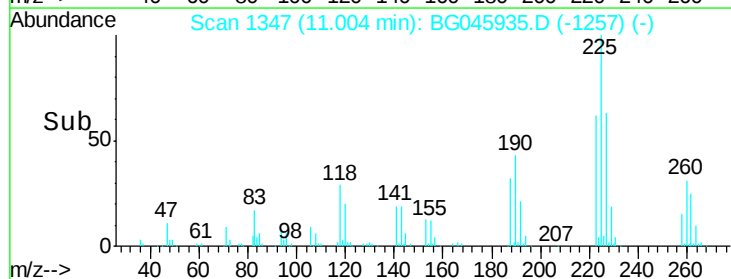
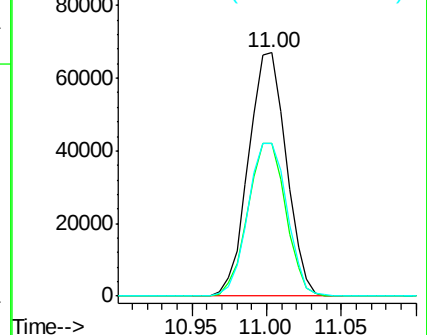


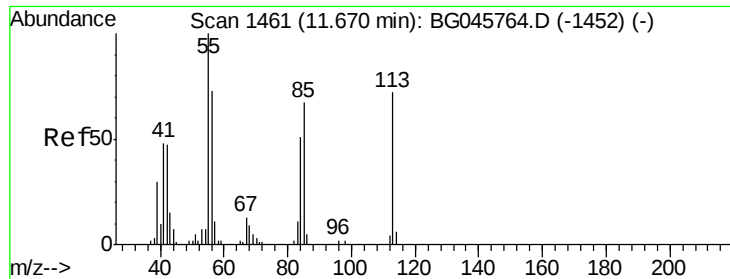
#34
Hexachlorobutadiene
Concen: 46.420 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG045935.D
Acq: 3 Jul 2020 6:07

Tgt Ion:225	Resp:	117405
Ion Ratio	Lower	Upper
225	100	
223	62.5	52.0 78.0
227	62.6	51.6 77.4



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





#35

Caprolactam

Concen: 23.285 ng

RT: 11.60 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMS

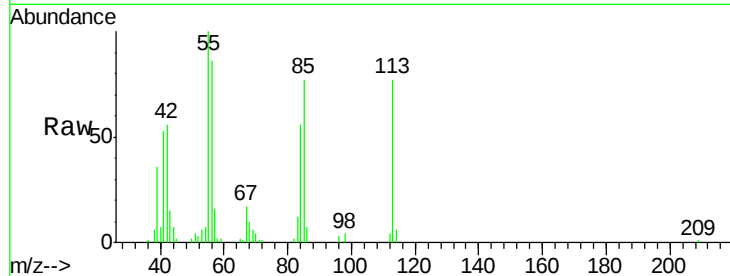
Tot Ion:113 Resp: 22636

Ion Ratio Lower Upper

113 100

55 130.0 110.6 150.6

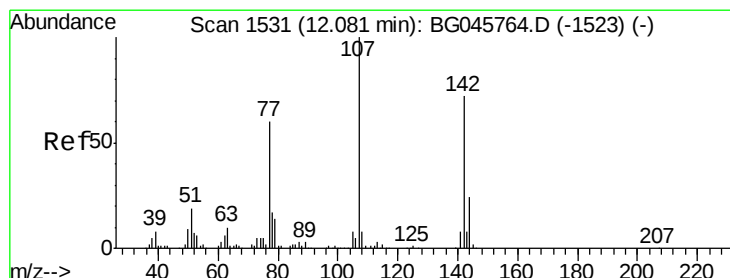
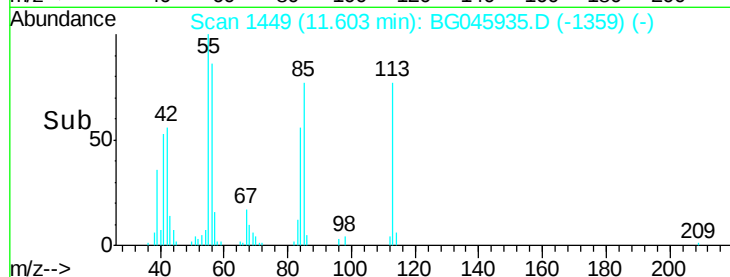
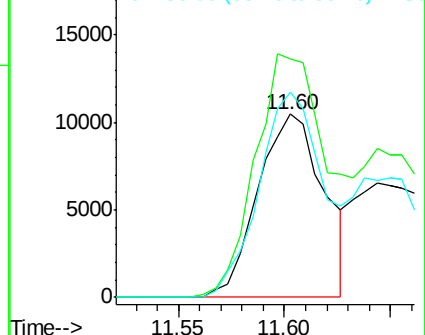
56 112.0 81.1 121.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 51.953 ng

RT: 11.99 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

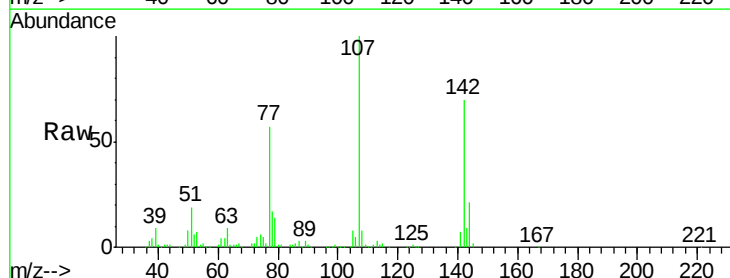
Tgt Ion:107 Resp: 180197

Ion Ratio Lower Upper

107 100

144 21.3 18.7 28.1

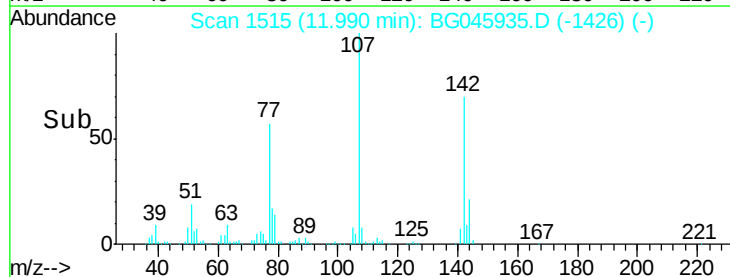
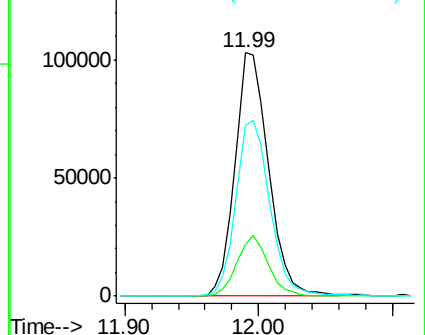
142 70.0 55.6 83.4

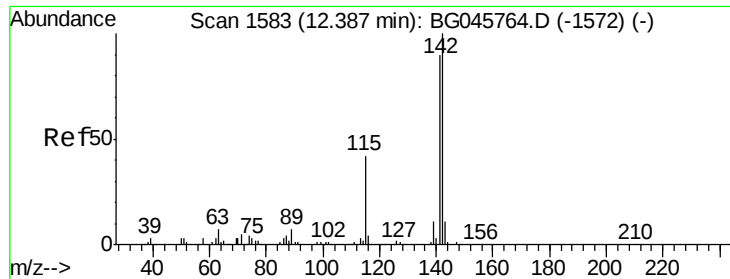


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

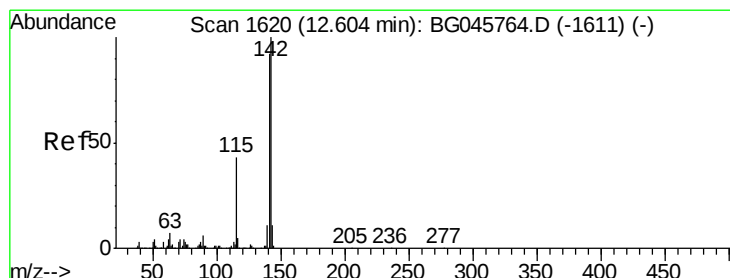
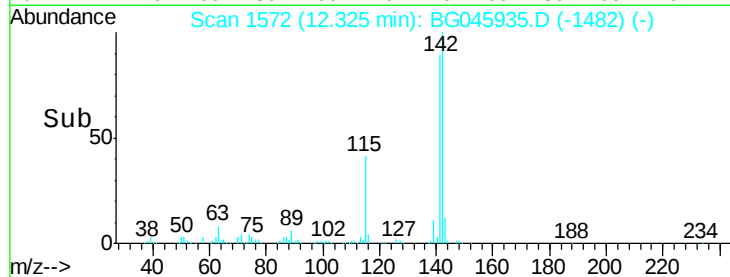
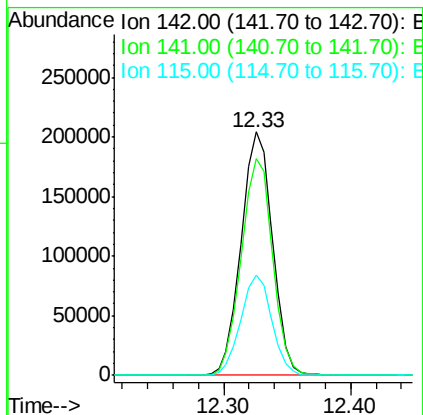
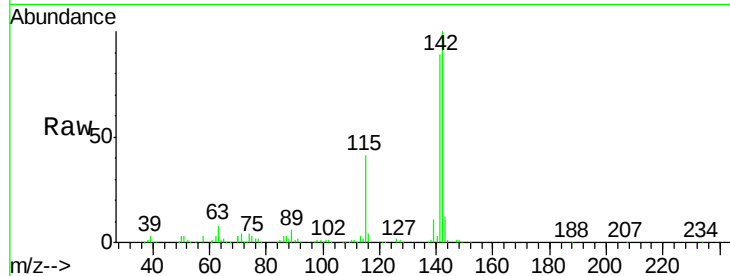




#37
2-Methylnaphthalene
Concen: 49.693 ng
RT: 12.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BG045935.D
Acq: 3 Jul 2020 6:07

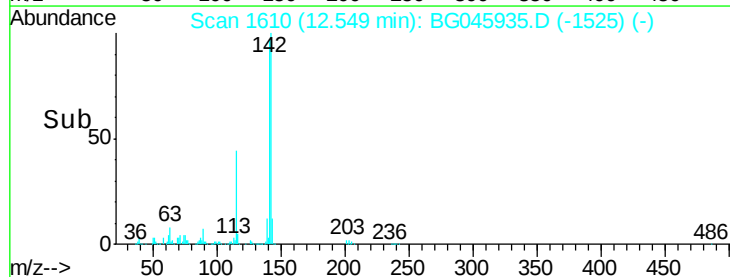
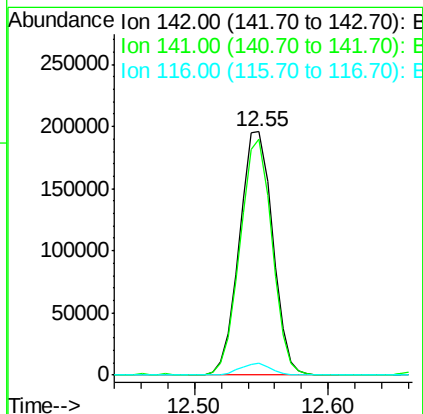
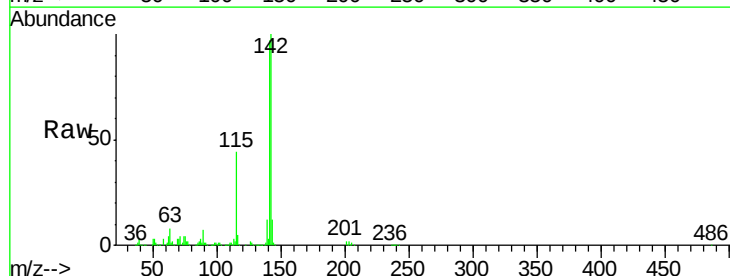
Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMS

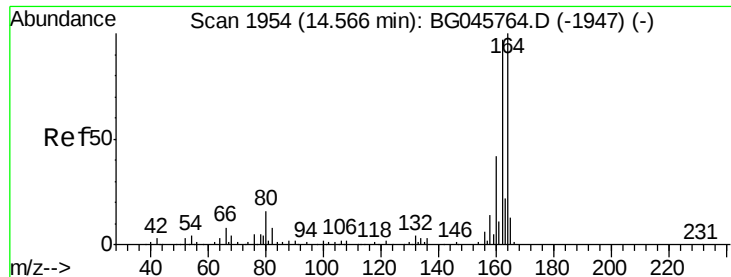
Tot Ion:142 Resp: 350871
Ion Ratio Lower Upper
142 100
141 89.1 71.9 107.9
115 41.2 31.7 47.5



#38
1-Methylnaphthalene
Concen: 50.483 ng
RT: 12.55 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BG045935.D
Acq: 3 Jul 2020 6:07

Tgt Ion:142 Resp: 337313
Ion Ratio Lower Upper
142 100
141 96.7 74.5 111.7
116 4.7 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMS

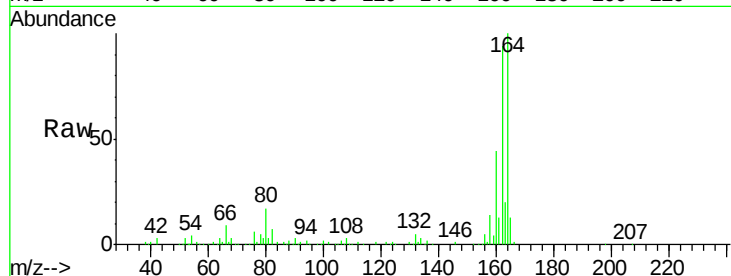
Tot Ion:164 Resp: 127054

Ion Ratio Lower Upper

164 100

162 93.9 78.8 118.2

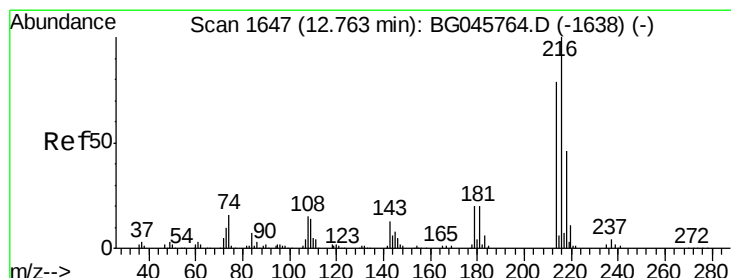
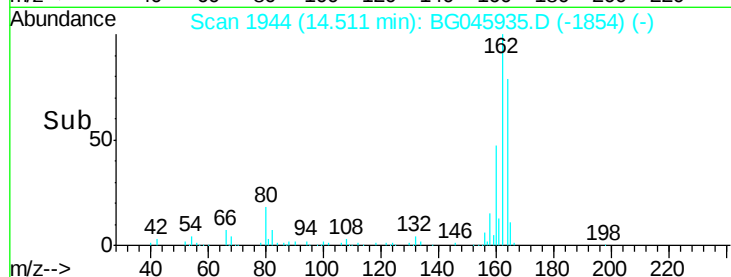
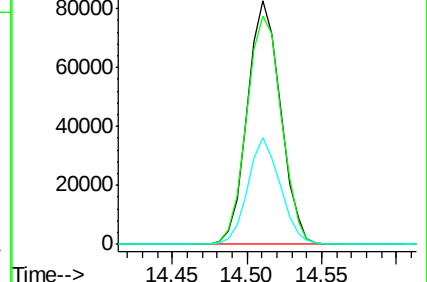
160 43.9 33.8 50.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.119 ng

RT: 12.70 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

Tgt Ion:216 Resp: 197125

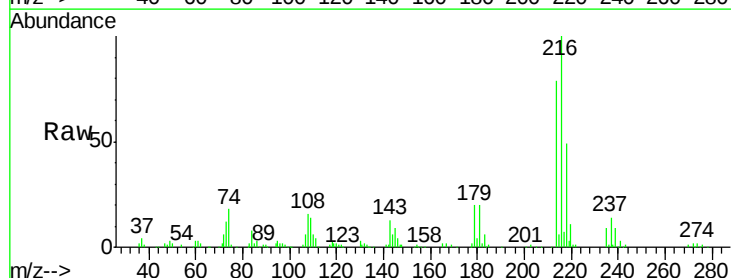
Ion Ratio Lower Upper

216 100

214 78.4 61.8 92.8

179 19.9 15.8 23.6

108 18.9 13.8 20.6

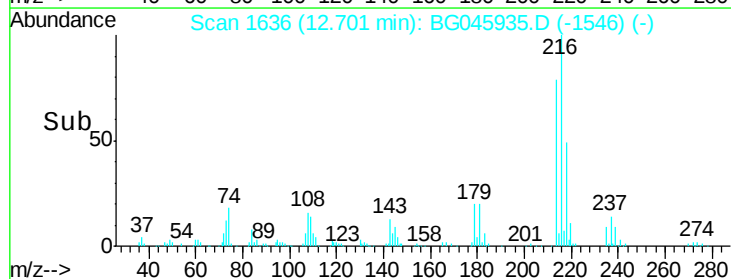
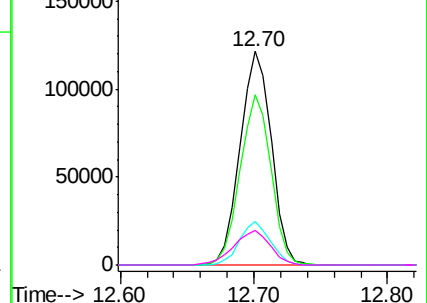


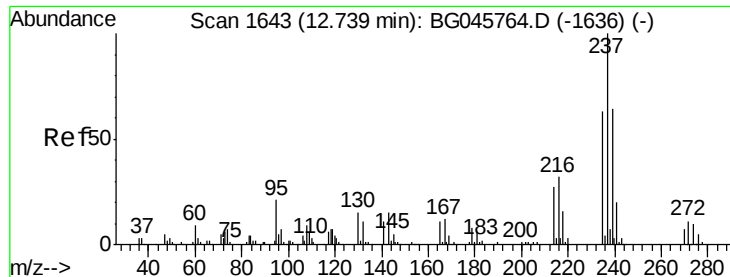
Abundance Ion 216.00 (215.70 to 216.70): E

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: 80.912 ng

RT: 12.68 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMS

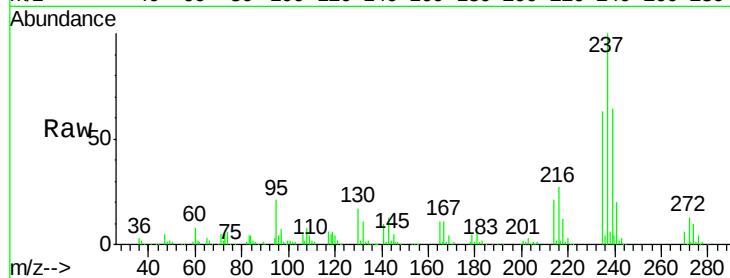
Tot Ion:237 Resp: 187227

Ion Ratio Lower Upper

237 100

235 63.3 43.3 83.3

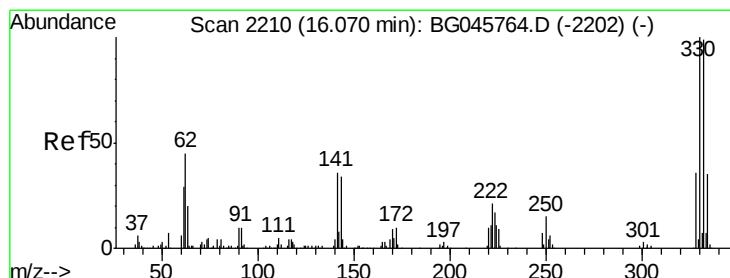
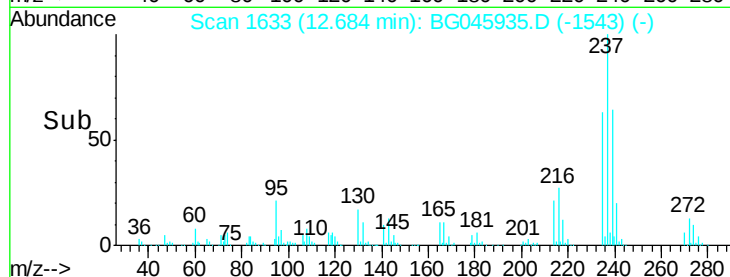
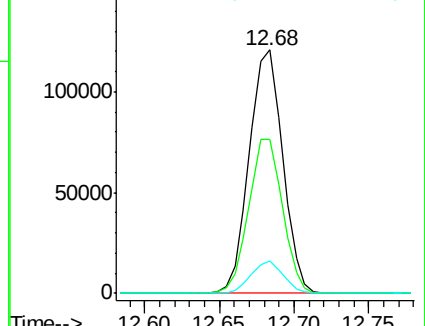
272 13.3 0.0 33.3



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: 151.737 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

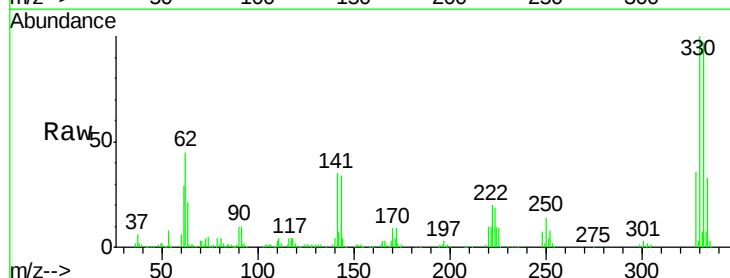
Tgt Ion:330 Resp: 291059

Ion Ratio Lower Upper

330 100

332 96.7 79.4 119.0

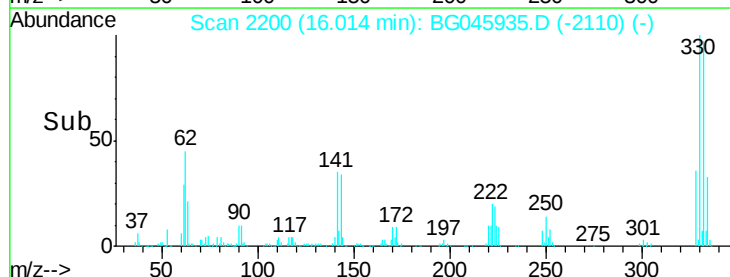
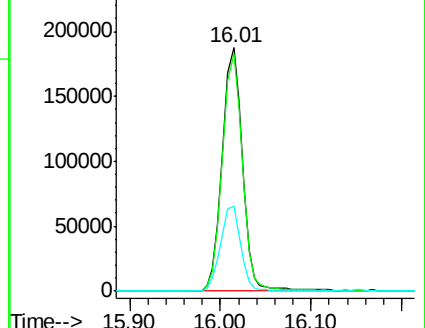
141 35.1 28.2 42.2

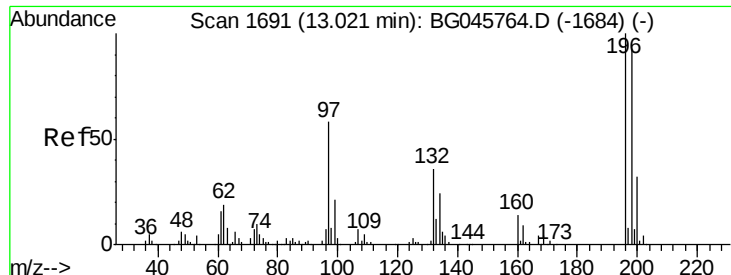


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

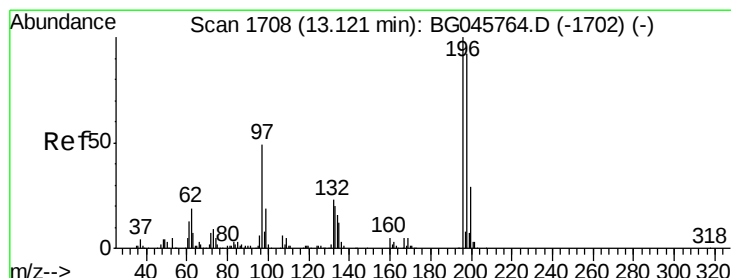
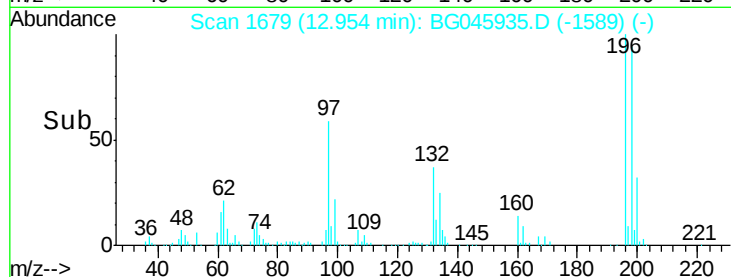
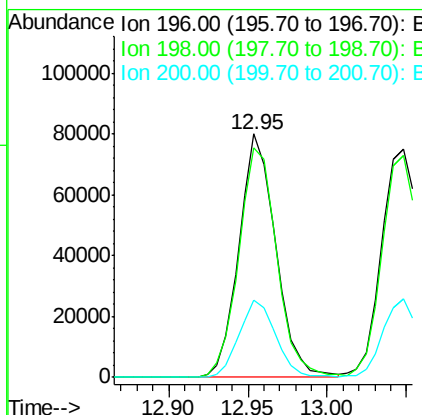
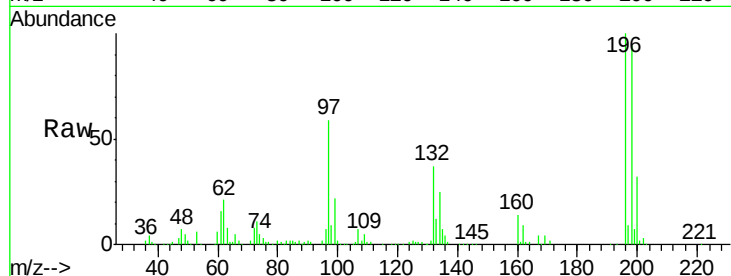




#43
2,4,6-Trichlorophenol
Concen: 45.341 ng
RT: 12.95 min Scan# 1679
Delta R.T. -0.00 min
Lab File: BG045935.D
Acq: 3 Jul 2020 6:07

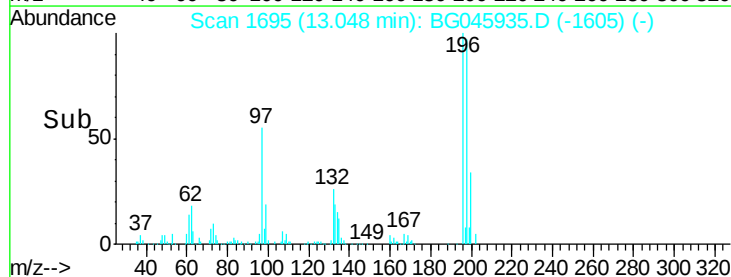
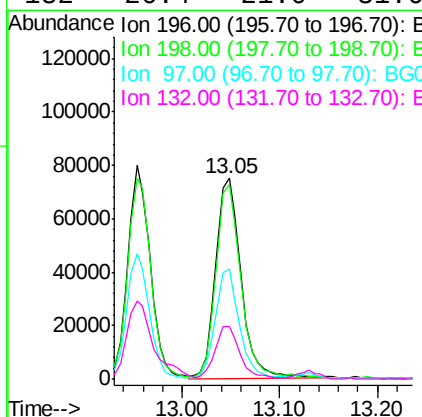
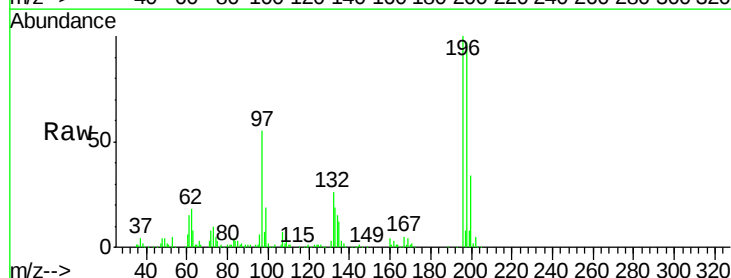
Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMS

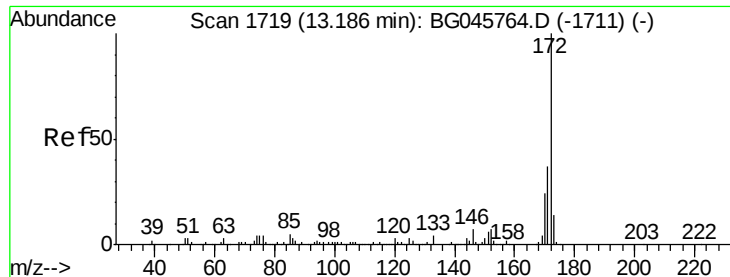
Tot Ion:196 Resp: 128610
Ion Ratio Lower Upper
196 100
198 94.3 78.1 117.1
200 31.6 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 42.325 ng
RT: 13.05 min Scan# 1695
Delta R.T. -0.00 min
Lab File: BG045935.D
Acq: 3 Jul 2020 6:07

Tgt Ion:196 Resp: 136827
Ion Ratio Lower Upper
196 100
198 96.8 76.5 114.7
97 55.2 39.9 59.9
132 26.4 21.0 31.6

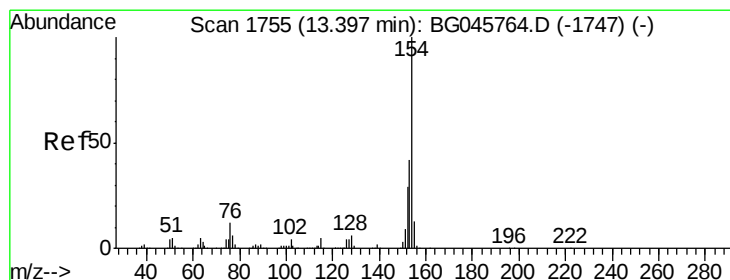
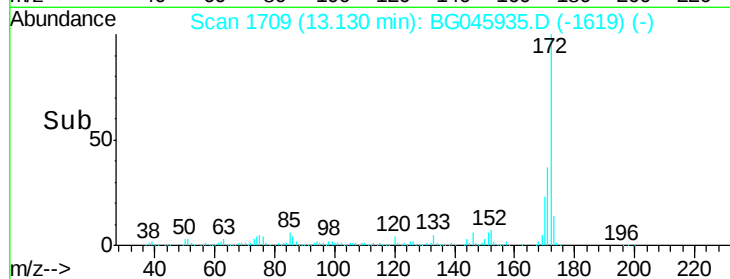
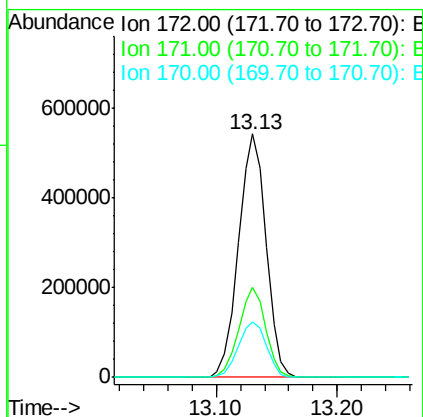
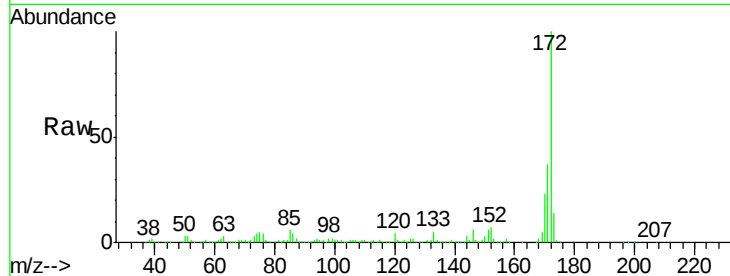




#45
 2-Fluorobiphenyl
 Concen: 99.454 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG045935.D
 Acq: 3 Jul 2020 6:07

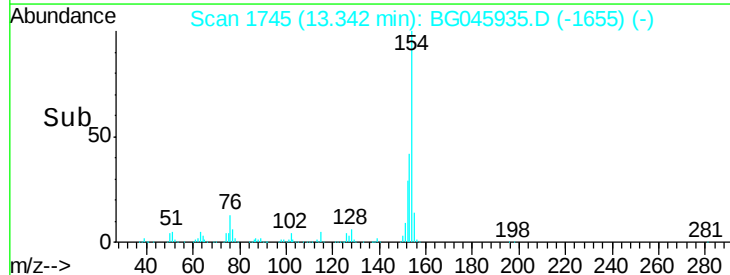
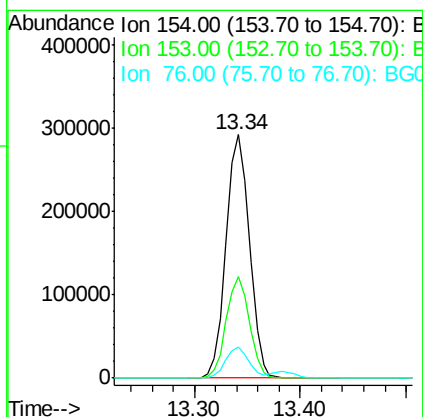
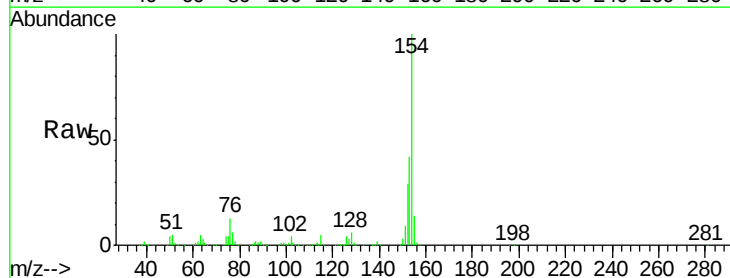
Instrument :
 BNA_G
 ClientSampleId :
 MH-1-COMPMS

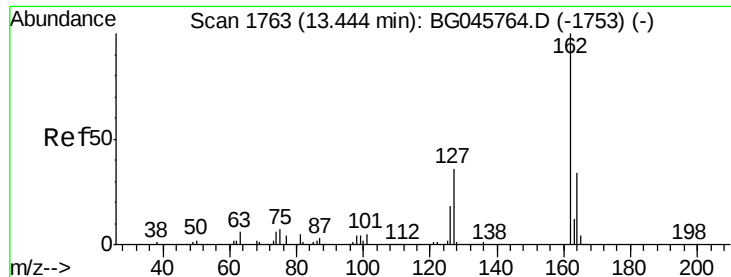
Tot Ion:172 Resp: 859848
 Ion Ratio Lower Upper
 172 100
 171 37.1 28.5 42.7
 170 22.9 18.9 28.3



#46
 1,1'-Biphenyl
 Concen: 48.874 ng
 RT: 13.34 min Scan# 1745
 Delta R.T. -0.00 min
 Lab File: BG045935.D
 Acq: 3 Jul 2020 6:07

Tgt Ion:154 Resp: 444579
 Ion Ratio Lower Upper
 154 100
 153 41.8 21.3 61.3
 76 13.0 0.0 32.9

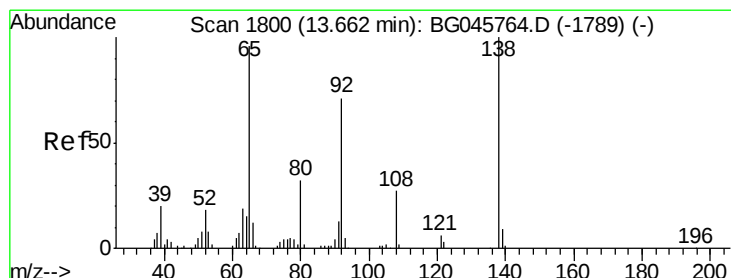
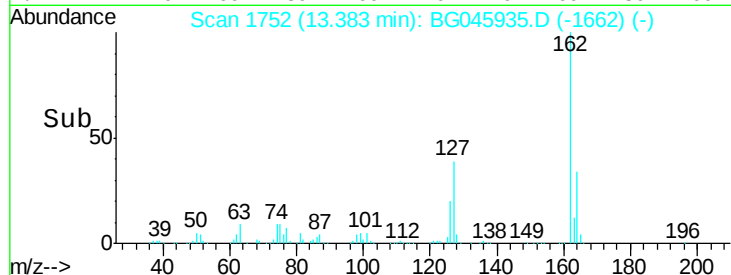
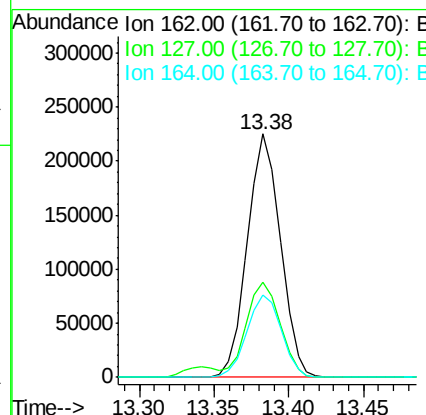
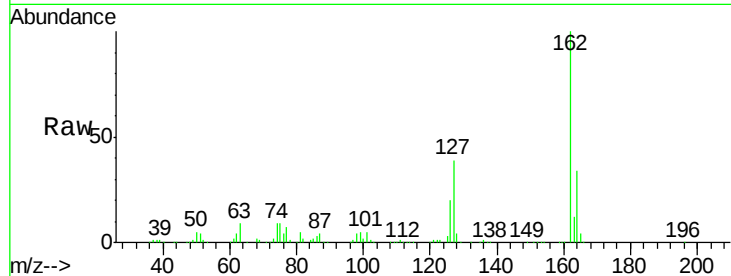




#47
2-Chloronaphthalene
Concen: 47.065 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BG045935.D
Acq: 3 Jul 2020 6:07

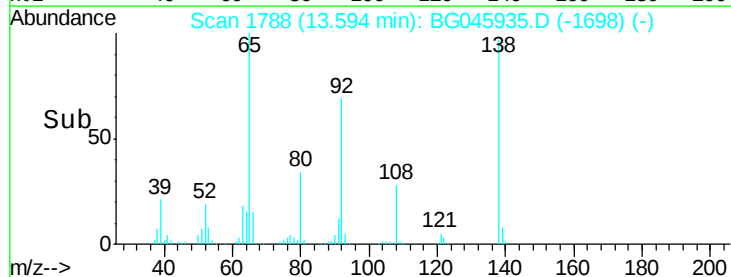
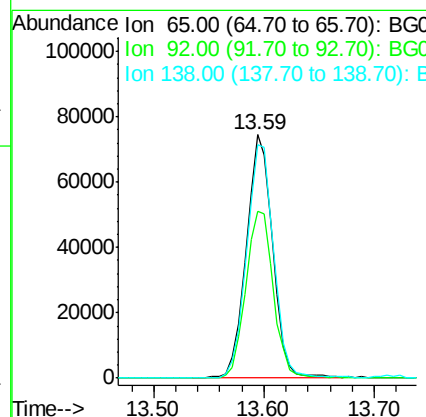
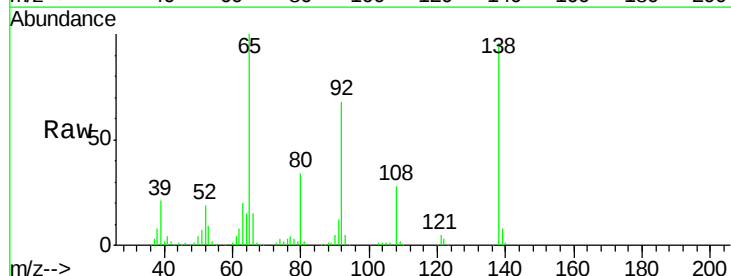
Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMS

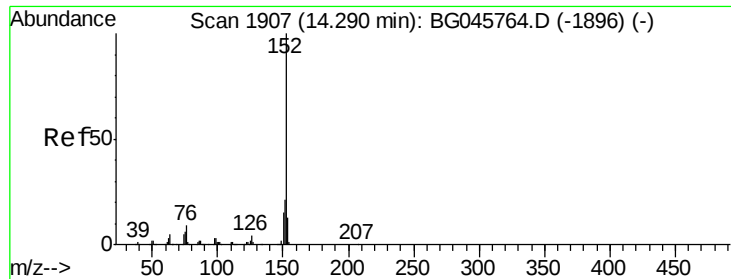
Tot Ion:162 Resp: 345829
Ion Ratio Lower Upper
162 100
127 39.3 31.4 47.0
164 34.1 28.1 42.1



#48
2-Nitroaniline
Concen: 51.147 ng
RT: 13.59 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BG045935.D
Acq: 3 Jul 2020 6:07

Tgt Ion: 65 Resp: 125011
Ion Ratio Lower Upper
65 100
92 68.5 54.1 81.1
138 96.0 79.0 118.6





#49

Acenaphthylene

Concen: 48.849 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMS

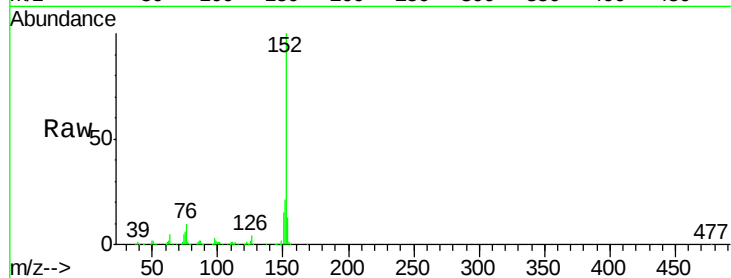
Tot Ion:152 Resp: 574929

Ion Ratio Lower Upper

152 100

151 21.0 17.0 25.4

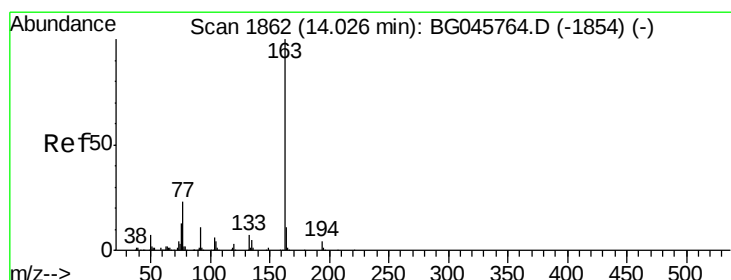
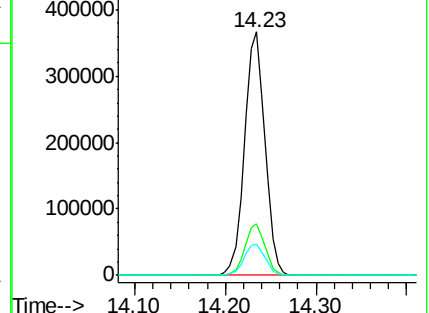
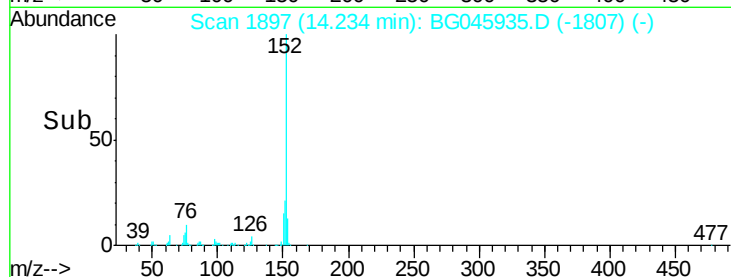
153 12.8 11.4 17.0



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: 49.532 ng

RT: 13.97 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

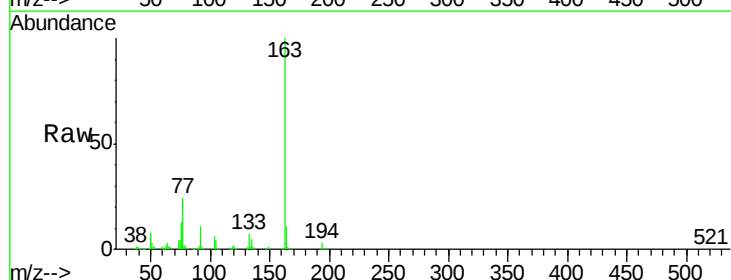
Tgt Ion:163 Resp: 493008

Ion Ratio Lower Upper

163 100

194 3.4 3.5 5.3#

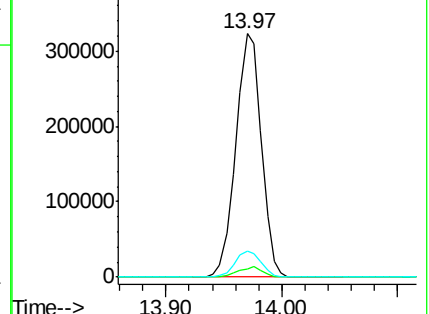
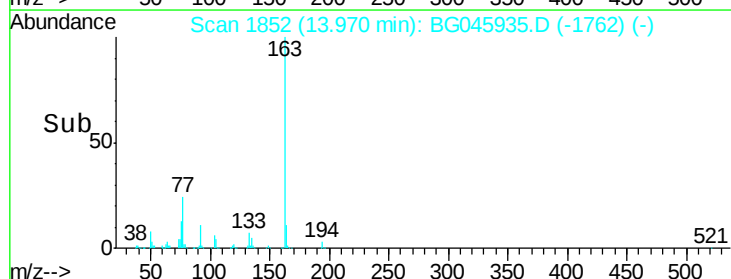
164 10.7 8.7 13.1

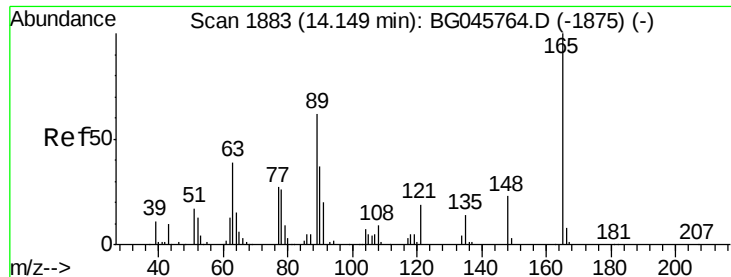


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

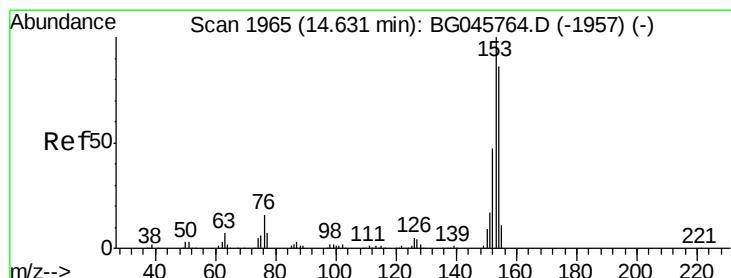
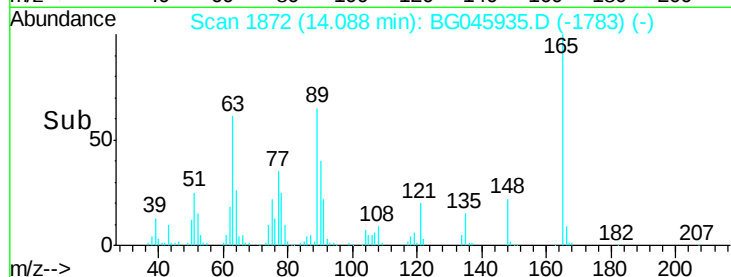
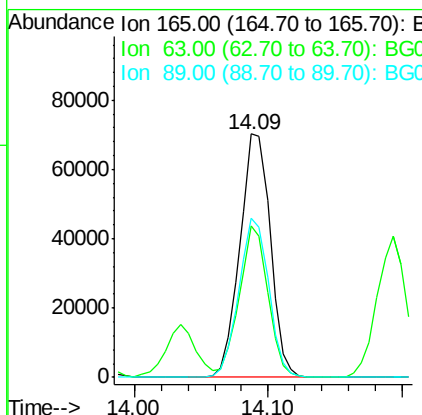
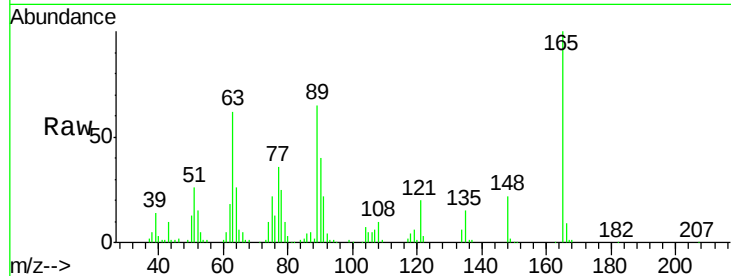




#51
2,6-Dinitrotoluene
Concen: 49.554 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG045935.D
Acq: 3 Jul 2020 6:07

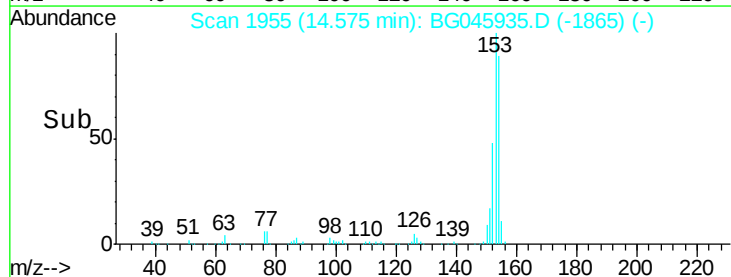
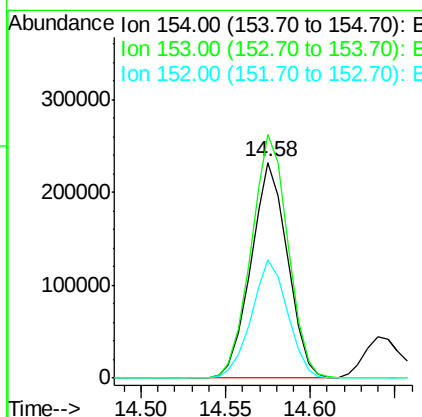
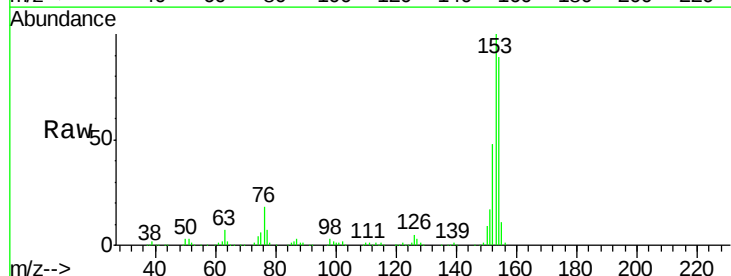
Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMS

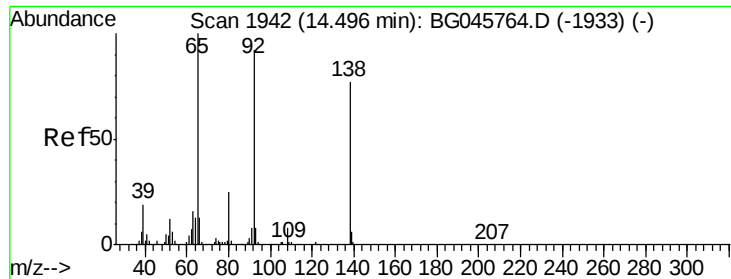
Tot Ion:165 Resp: 110781
Ion Ratio Lower Upper
165 100
63 62.1 41.4 62.2
89 65.4 45.4 68.0



#52
Acenaphthene
Concen: 48.804 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BG045935.D
Acq: 3 Jul 2020 6:07

Tgt Ion:154 Resp: 348168
Ion Ratio Lower Upper
154 100
153 113.0 92.5 138.7
152 54.6 43.4 65.2

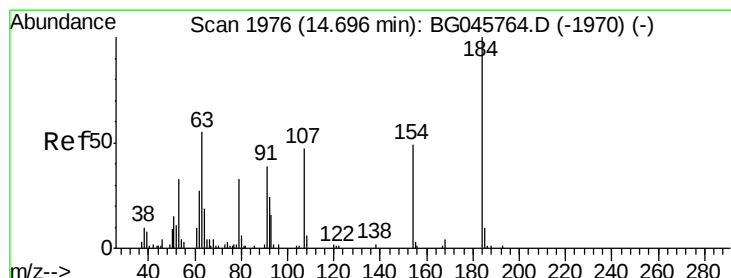
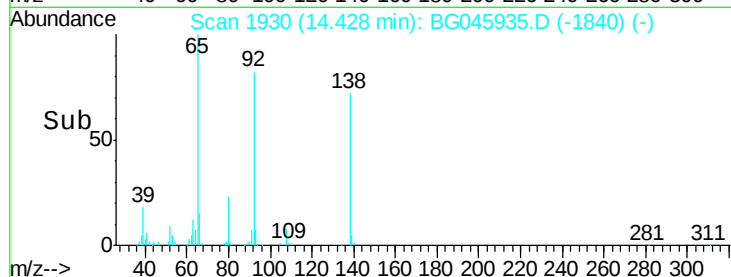
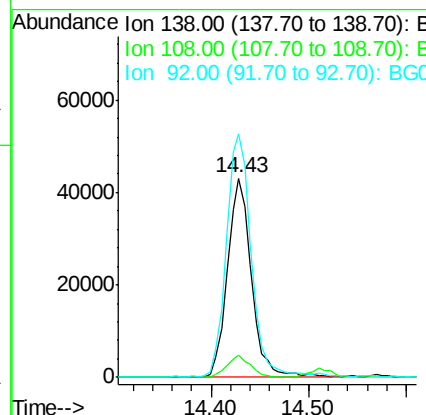
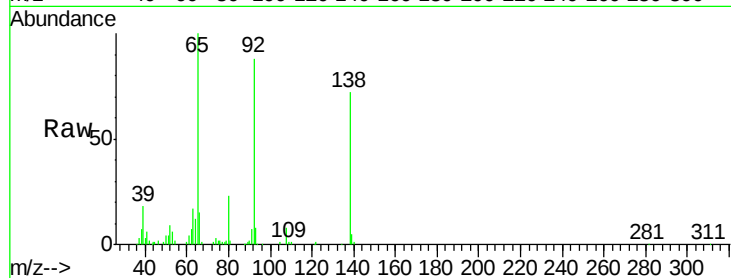




#53
 3-Nitroaniline
 Concen: 32.812 ng
 RT: 14.43 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: BG045935.D
 Acq: 3 Jul 2020 6:07

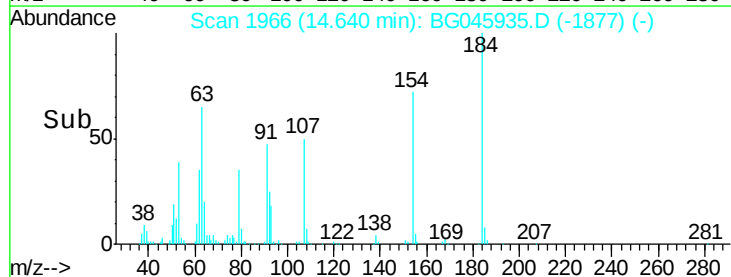
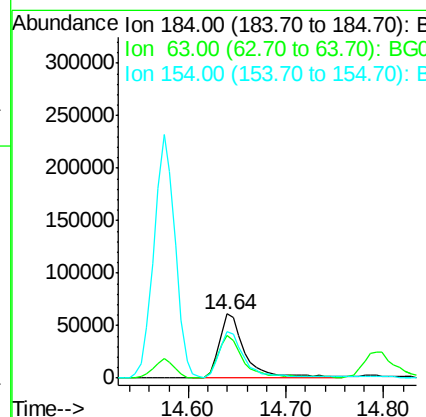
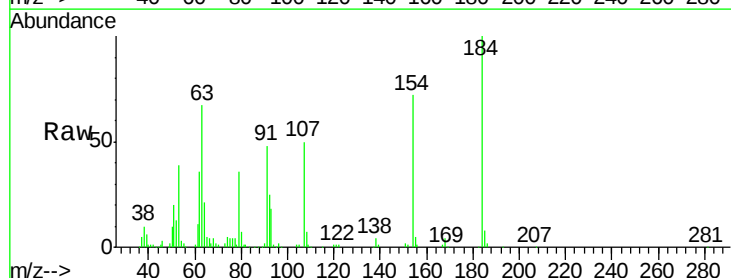
Instrument :
 BNA_G
 ClientSampleId :
 MH-1-COMPMS

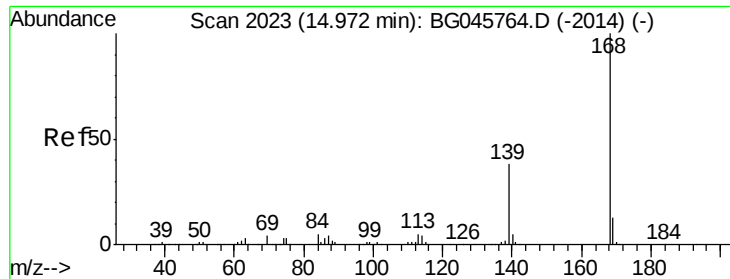
Tot Ion:138 Resp: 73267
 Ion Ratio Lower Upper
 138 100
 108 11.5 8.2 12.2
 92 122.2 101.3 151.9



#54
 2,4-Dinitrophenol
 Concen: 90.838 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BG045935.D
 Acq: 3 Jul 2020 6:07

Tgt Ion:184 Resp: 114836
 Ion Ratio Lower Upper
 184 100
 63 66.7 49.4 74.0
 154 72.2 59.8 89.8





#55

Dibenzofuran

Concen: 49.510 ng

RT: 14.91 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMS

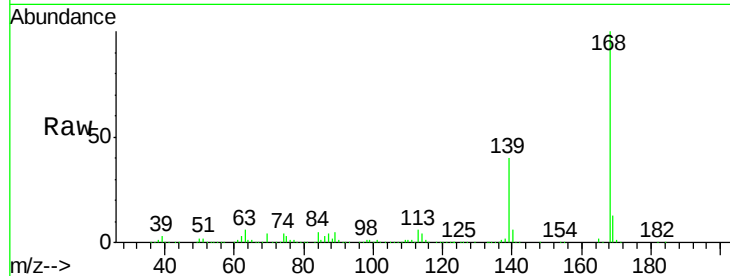
Tot Ion:168 Resp: 573787

Ion Ratio Lower Upper

168 100

139 39.8 32.6 48.8

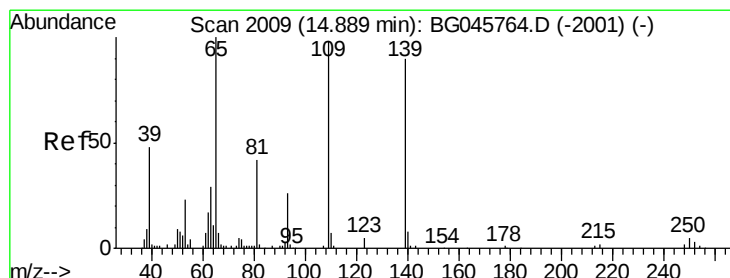
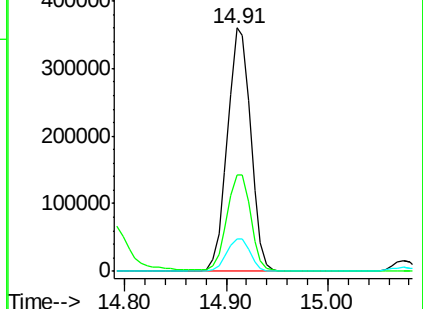
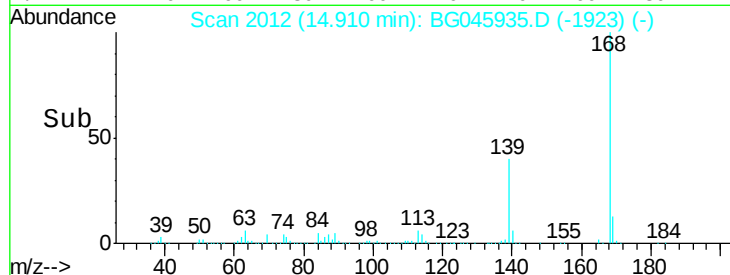
169 13.4 11.4 17.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 76.088 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

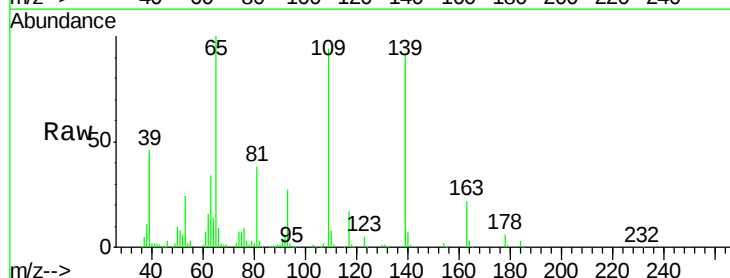
Tgt Ion:139 Resp: 121401

Ion Ratio Lower Upper

139 100

109 102.6 79.2 119.2

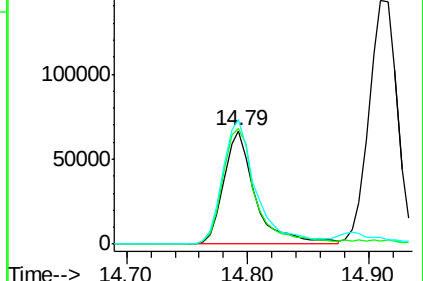
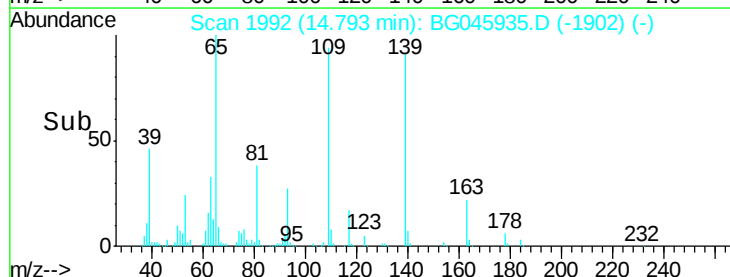
65 109.5 91.0 131.0

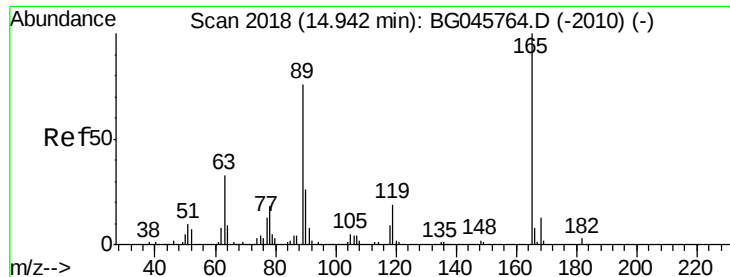


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

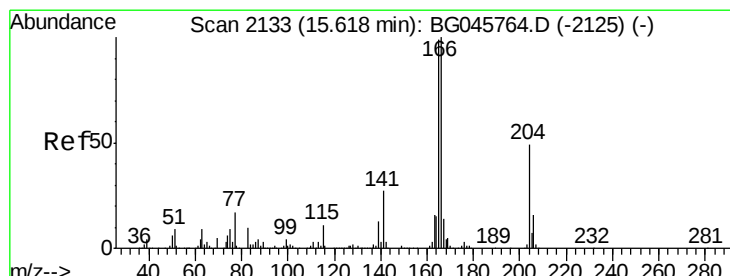
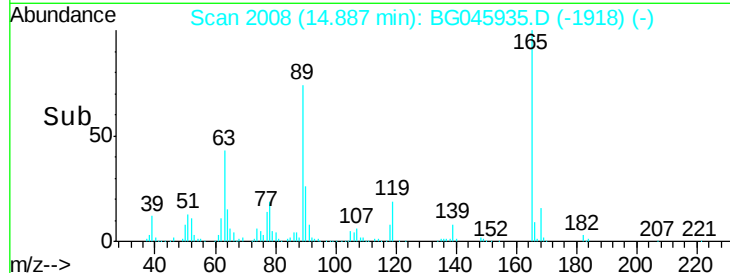
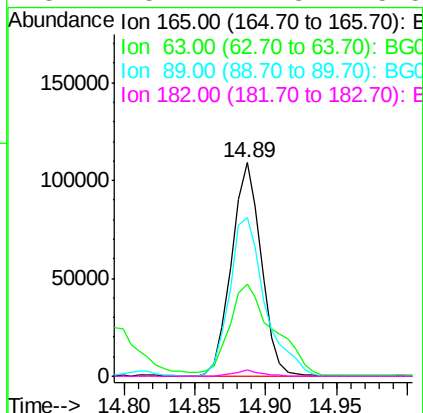
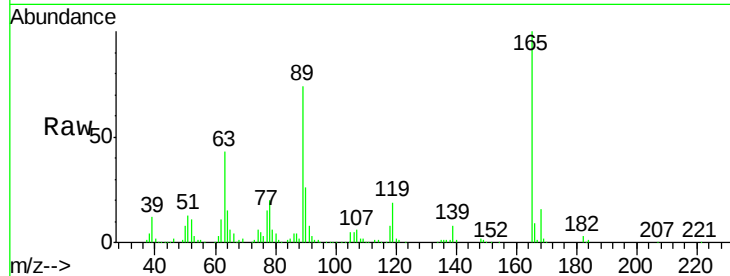




#57
2,4-Dinitrotoluene
Concen: 50.147 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG045935.D
Acq: 3 Jul 2020 6:07

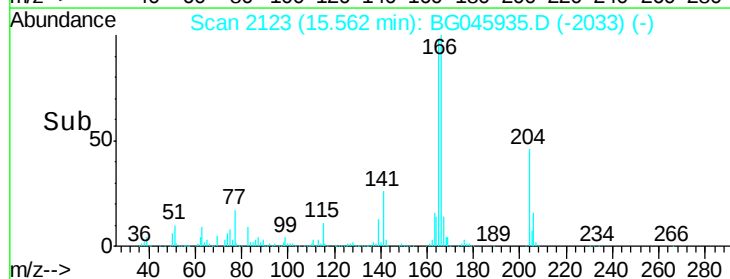
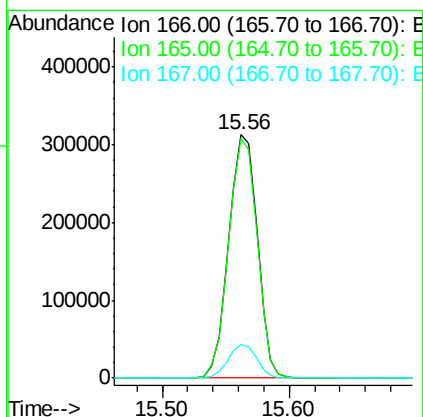
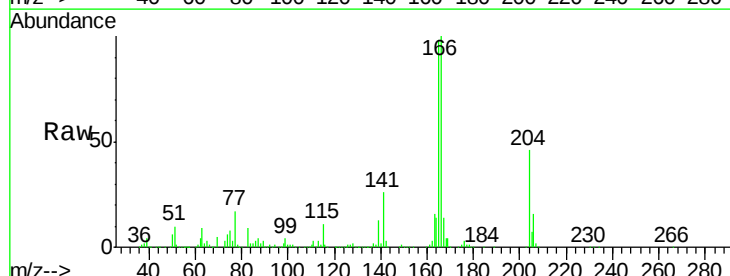
Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMS

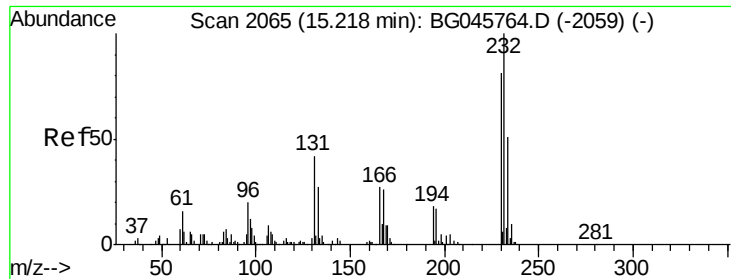
Tot Ion:165 Resp: 160623
Ion Ratio Lower Upper
165 100
63 43.4 34.5 51.7
89 74.1 60.8 91.2
182 3.2 2.3 3.5



#58
Fluorene
Concen: 50.566 ng
RT: 15.56 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG045935.D
Acq: 3 Jul 2020 6:07

Tgt Ion:166 Resp: 487291
Ion Ratio Lower Upper
166 100
165 98.3 76.9 115.3
167 13.6 11.3 16.9

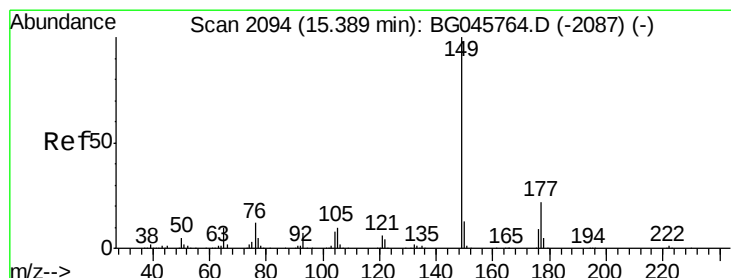
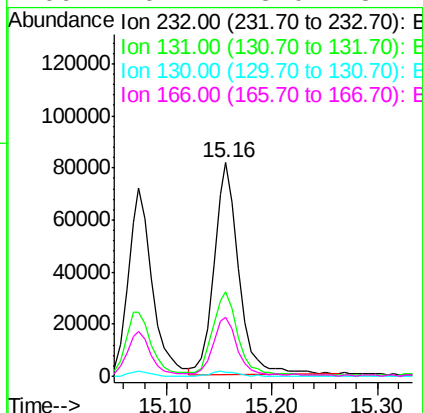
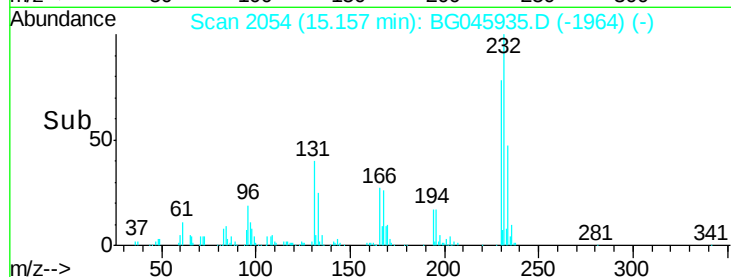
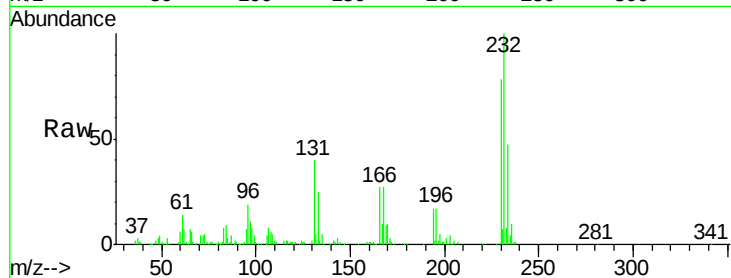




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.610 ng
RT: 15.16 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BG045935.D
Acq: 3 Jul 2020 6:07

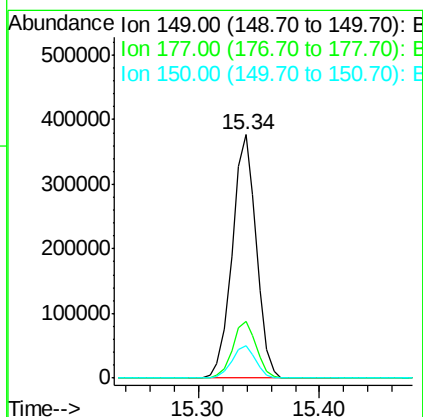
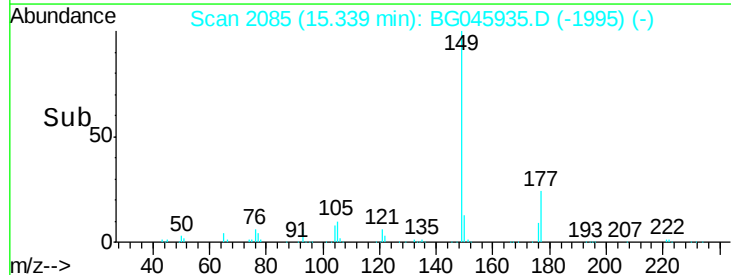
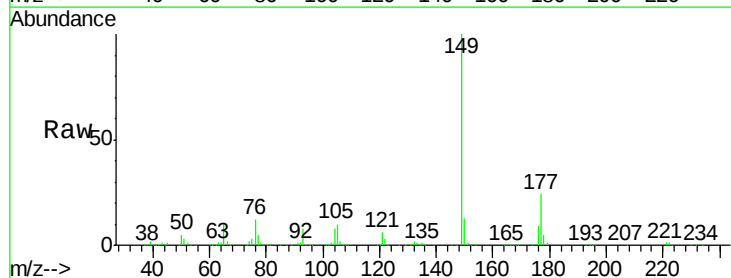
Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMS

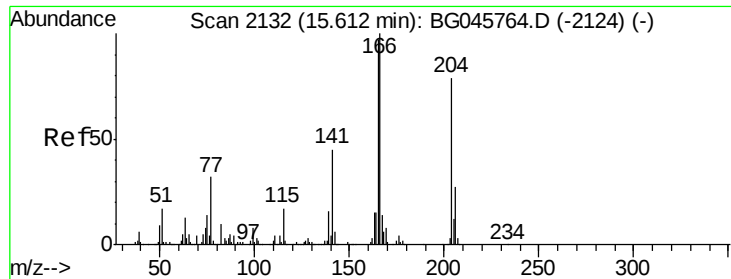
Tot Ion:	232	Resp:	133586
Ion	Ratio	Lower	Upper
232	100		
131	41.5	34.2	51.2
130	2.5	2.1	3.1
166	26.4	23.0	34.4



#60
Diethylphthalate
Concen: 50.980 ng
RT: 15.34 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BG045935.D
Acq: 3 Jul 2020 6:07

Tgt Ion:	149	Resp:	518725
Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.6	28.0
150	13.5	10.2	15.2

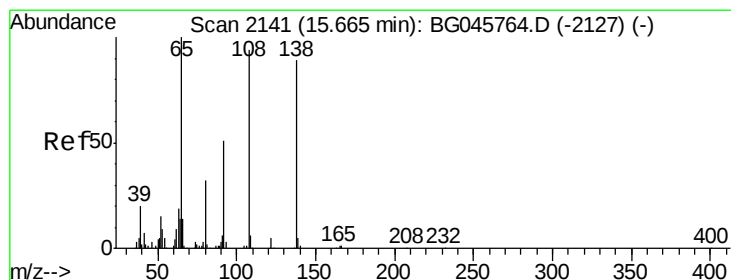
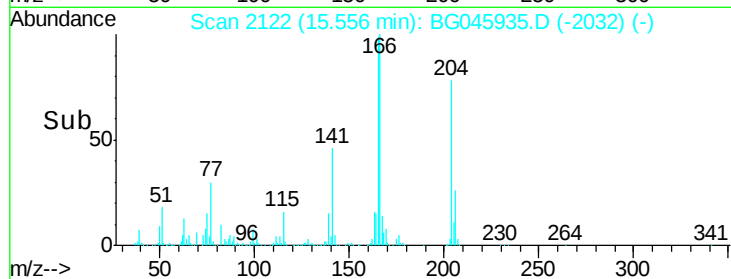
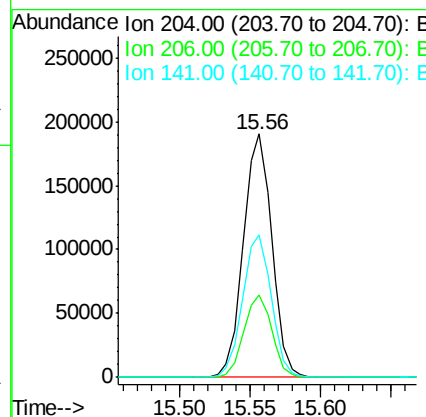
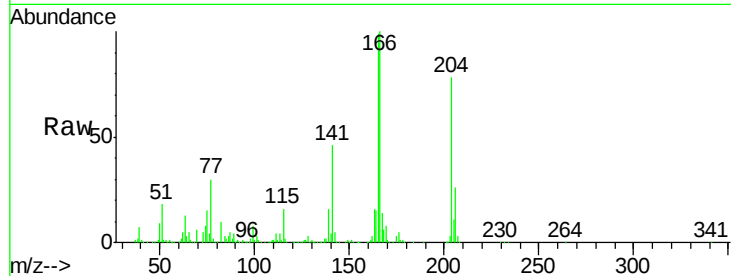




#61
 4-Chlorophenyl-phenylether
 Concen: 48.249 ng
 RT: 15.56 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BG045935.D
 Acq: 3 Jul 2020 6:07

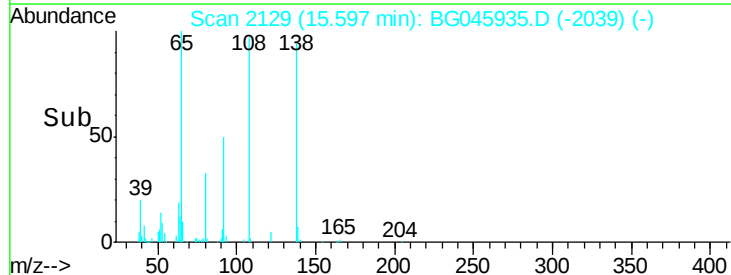
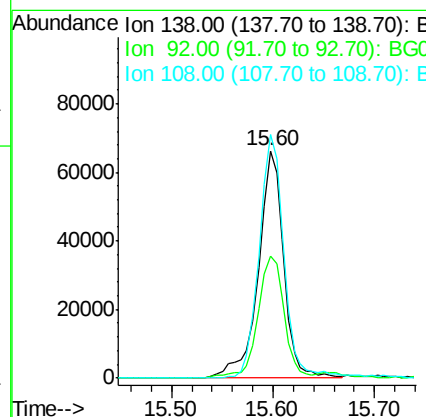
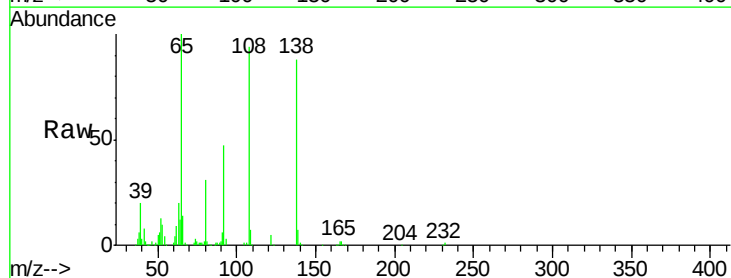
Instrument :
 BNA_G
 ClientSampleId :
 MH-1-COMPMS

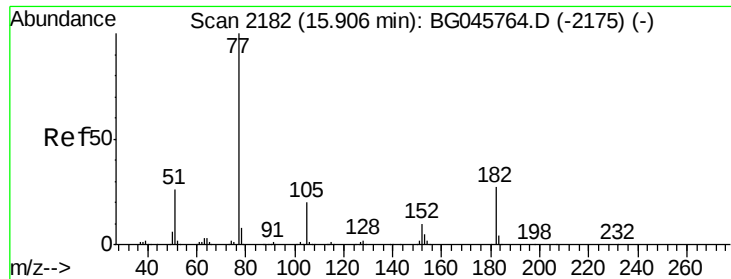
Tot Ion:204 Resp: 267991
 Ion Ratio Lower Upper
 204 100
 206 33.6 26.4 39.6
 141 58.6 47.9 71.9



#62
 4-Nitroaniline
 Concen: 50.335 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BG045935.D
 Acq: 3 Jul 2020 6:07

Tgt Ion:138 Resp: 115353
 Ion Ratio Lower Upper
 138 100
 92 53.9 34.9 74.9
 108 107.2 92.3 132.3





#63

Azobenzene

Concen: 52.356 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMS

Tot Ion: 77 Resp: 511516

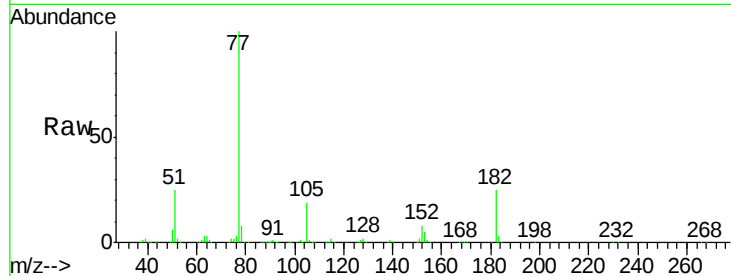
Ion Ratio Lower Upper

77 100

182 24.9 6.0 46.0

105 18.8 0.0 38.0

51 25.2 4.7 44.7

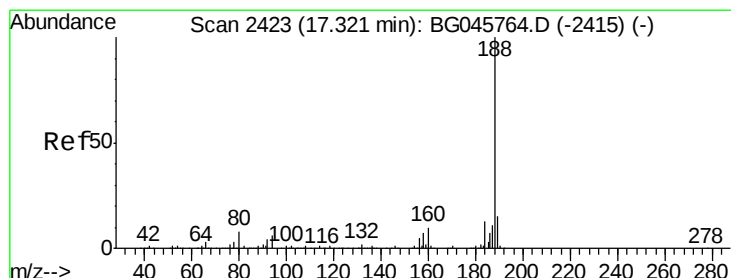
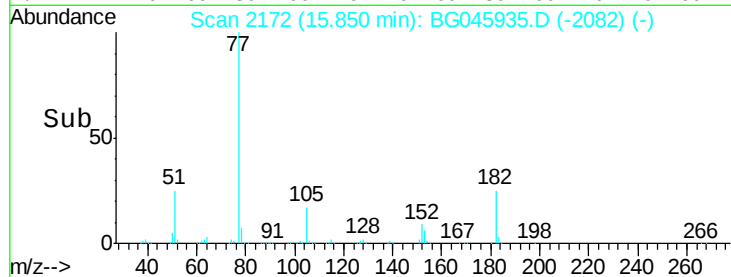
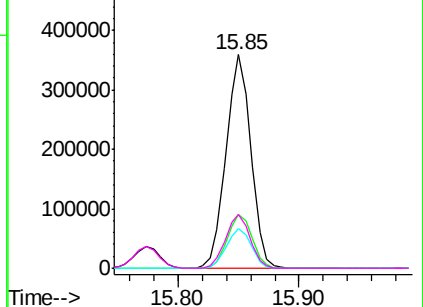


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.26 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

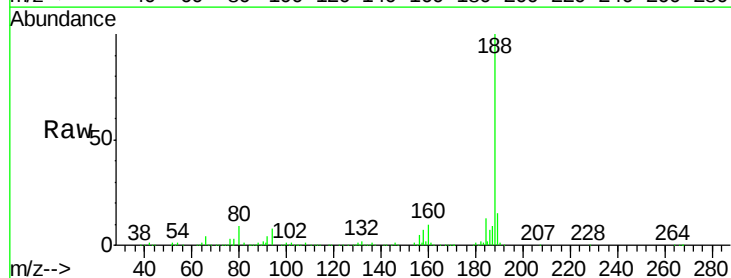
Tgt Ion: 188 Resp: 311557

Ion Ratio Lower Upper

188 100

94 7.7 5.5 8.3

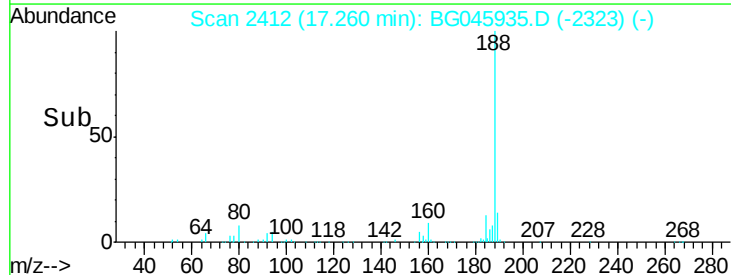
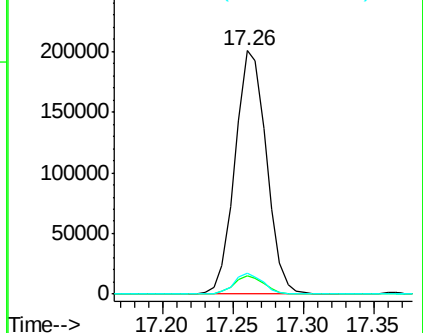
80 8.6 6.1 9.1

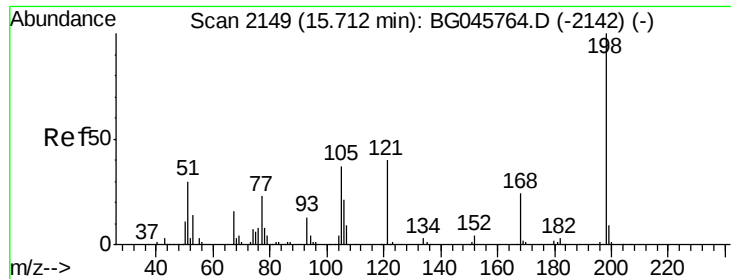


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

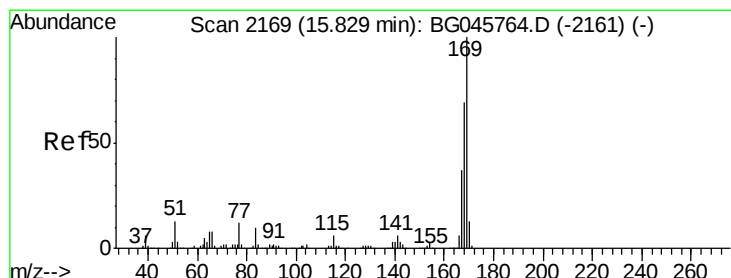
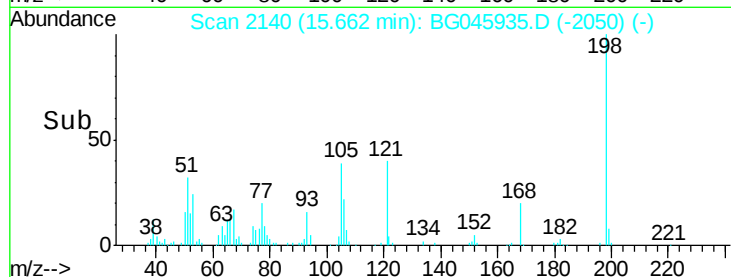
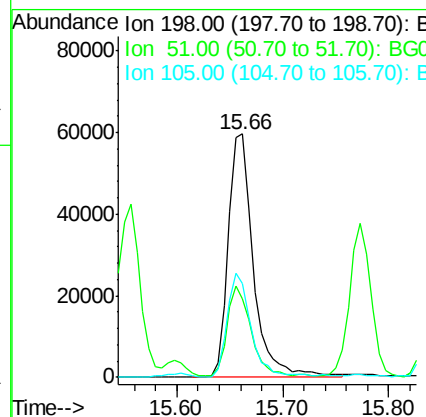
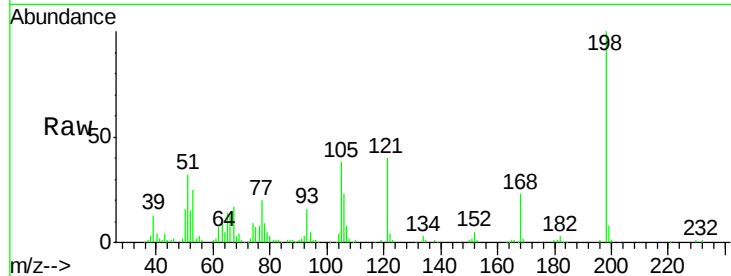




#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.291 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: BG045935.D
 Acq: 3 Jul 2020 6:07

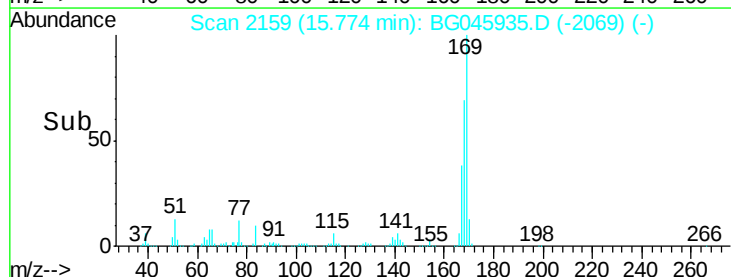
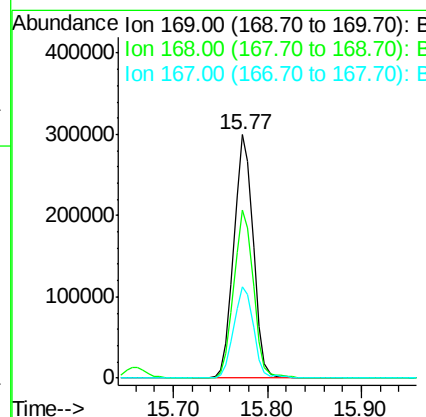
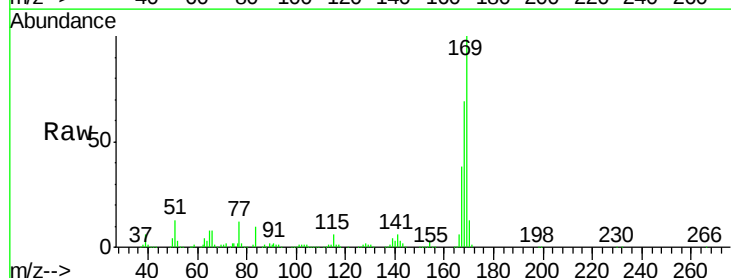
Instrument :
 BNA_G
 ClientSampleId :
 MH-1-COMPMS

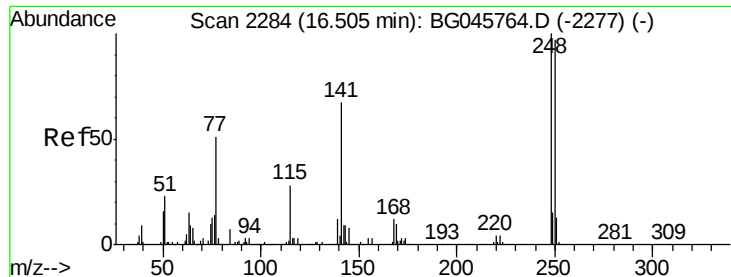
Tot Ion:198 Resp: 98756
 Ion Ratio Lower Upper
 198 100
 51 32.5 14.6 54.6
 105 38.5 20.1 60.1



#66
 n-Nitrosodiphenylamine
 Concen: 48.578 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BG045935.D
 Acq: 3 Jul 2020 6:07

Tgt Ion:169 Resp: 428681
 Ion Ratio Lower Upper
 169 100
 168 68.8 53.6 80.4
 167 37.6 30.7 46.1

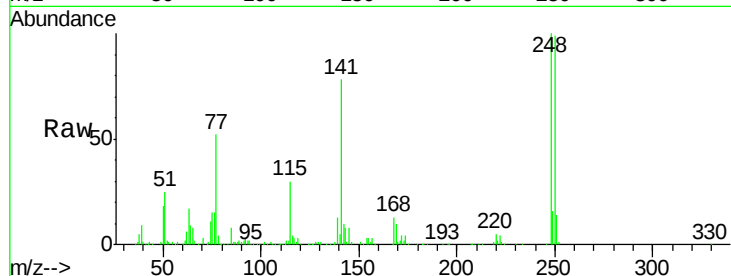




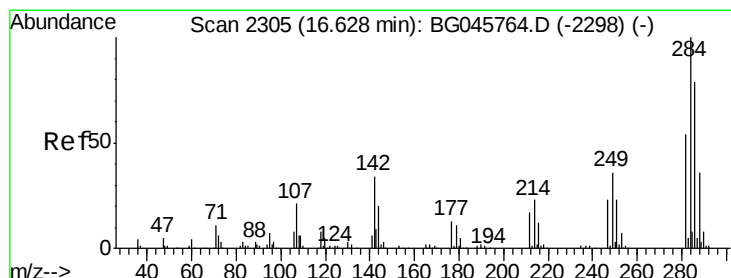
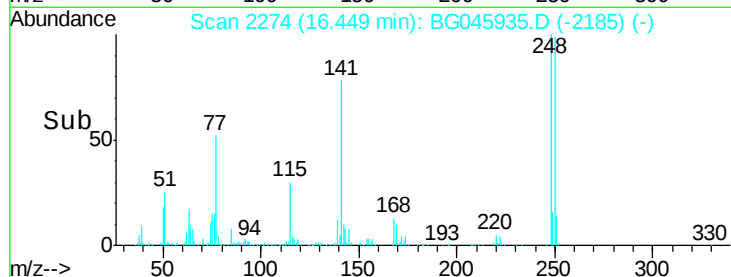
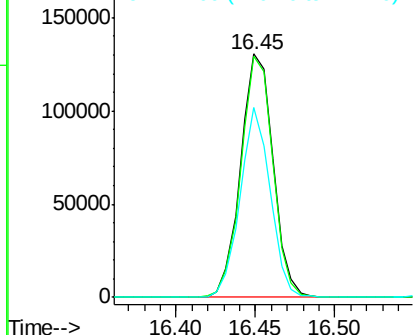
#67
4-Bromophenyl-phenylether
Concen: 45.883 ng
RT: 16.45 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BG045935.D
Acq: 3 Jul 2020 6:07

Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMS

Tot Ion:248 Resp: 185745
Ion Ratio Lower Upper
248 100
250 99.2 77.2 115.8
141 78.0 52.6 79.0

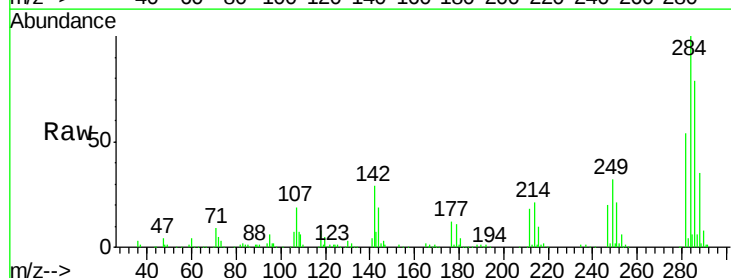


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

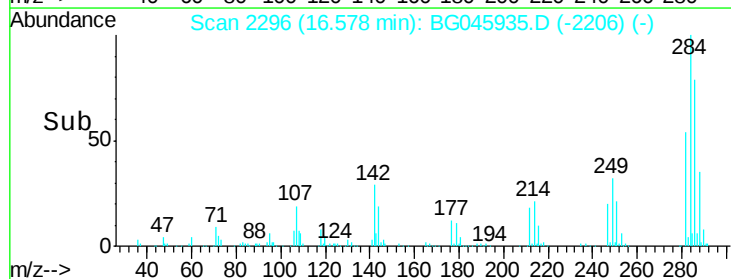
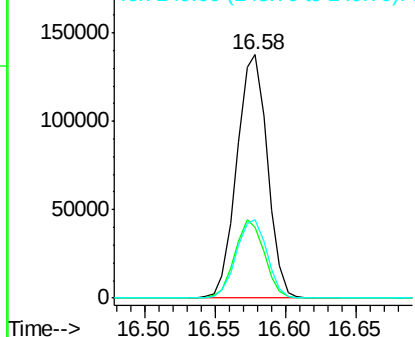


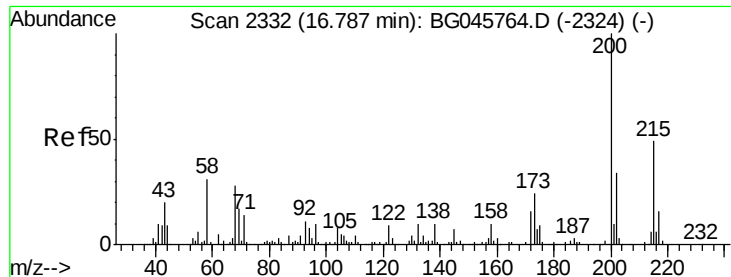
#68
Hexachlorobenzene
Concen: 49.556 ng
RT: 16.58 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG045935.D
Acq: 3 Jul 2020 6:07

Tgt Ion:284 Resp: 208029
Ion Ratio Lower Upper
284 100
142 28.9 23.2 34.8
249 32.3 25.5 38.3



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

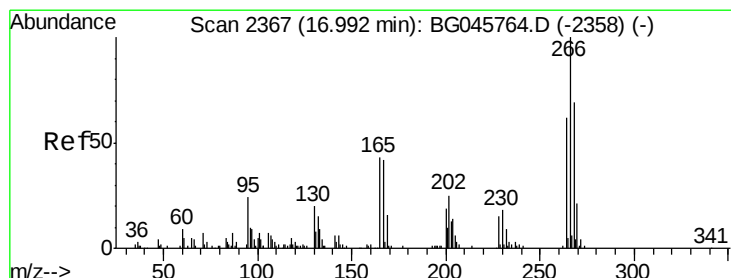
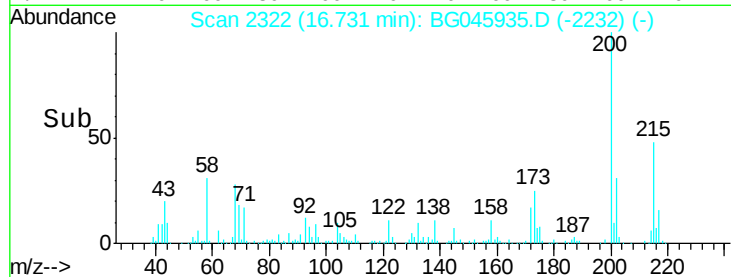
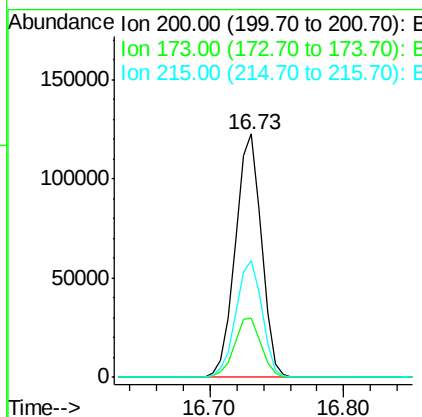
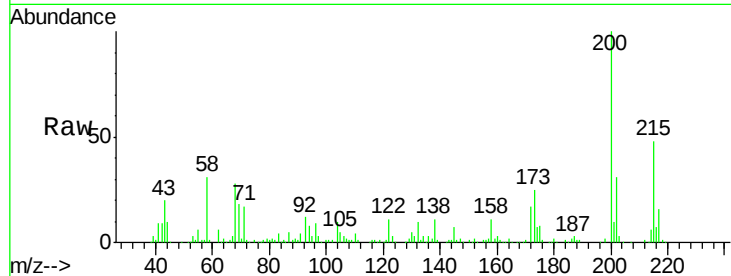




#69
Atrazine
Concen: 48.641 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BG045935.D
Acq: 3 Jul 2020 6:07

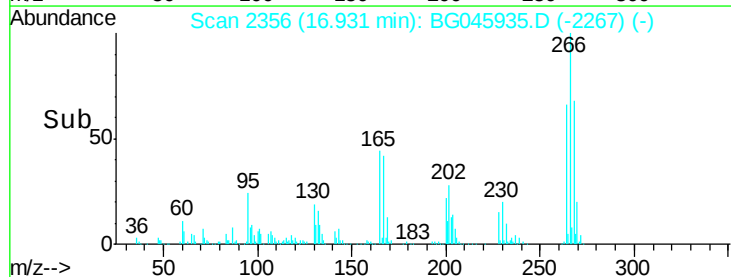
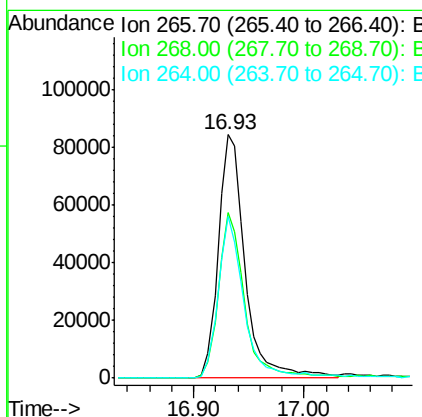
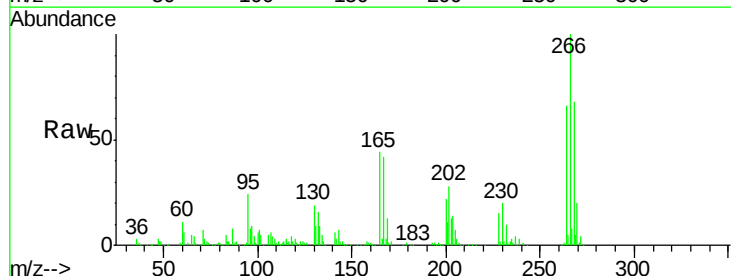
Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMS

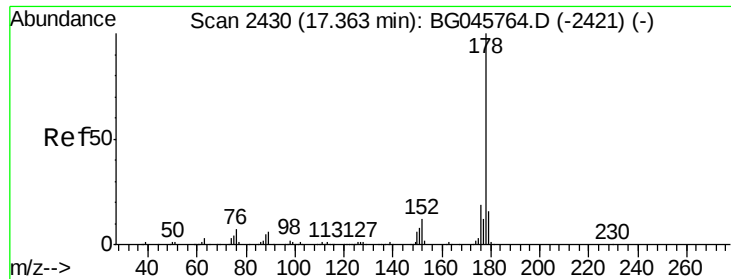
Tot Ion:200 Resp: 166562
Ion Ratio Lower Upper
200 100
173 24.5 4.3 44.3
215 48.1 30.5 70.5



#70
Pentachlorophenol
Concen: 69.916 ng
RT: 16.93 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BG045935.D
Acq: 3 Jul 2020 6:07

Tgt Ion:266 Resp: 142544
Ion Ratio Lower Upper
266 100
268 67.9 50.5 75.7
264 66.3 47.0 70.6





#71

Phenanthrene

Concen: 50.021 ng

RT: 17.31 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMS

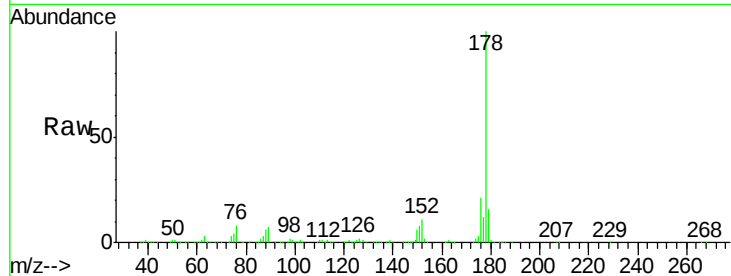
Tot Ion:178 Resp: 803747

Ion Ratio Lower Upper

178 100

176 20.8 15.8 23.8

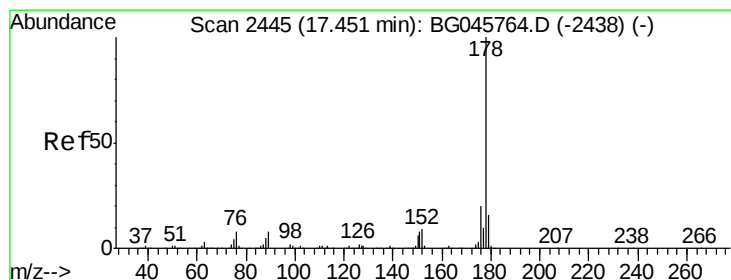
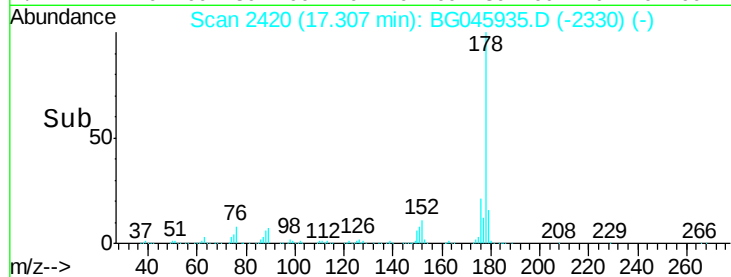
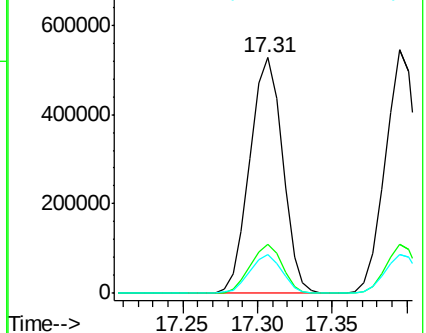
179 16.4 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 50.952 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

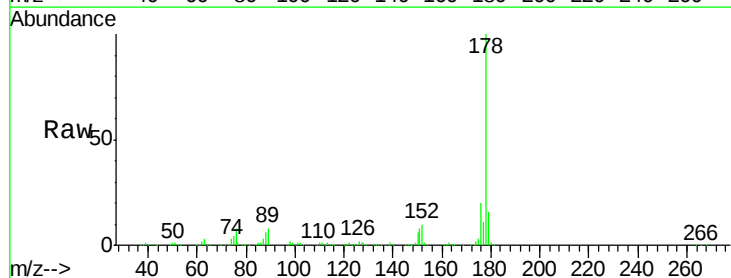
Tgt Ion:178 Resp: 815267

Ion Ratio Lower Upper

178 100

176 19.9 15.6 23.4

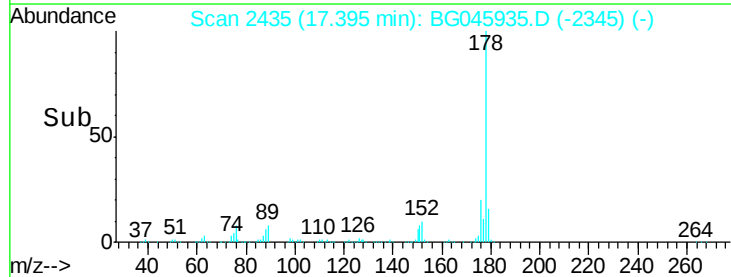
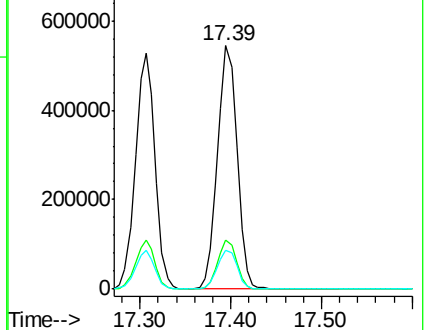
179 16.0 13.0 19.4

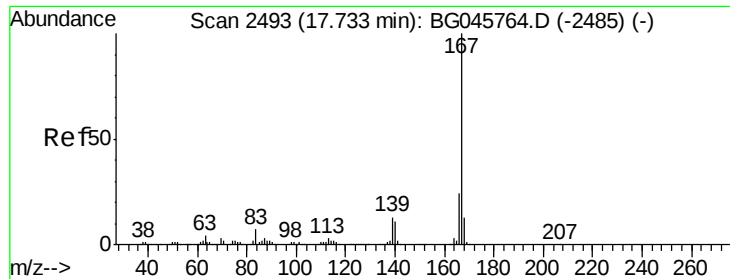


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 50.744 ng

RT: 17.67 min Scan# 2482

Delta R.T. -0.00 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMS

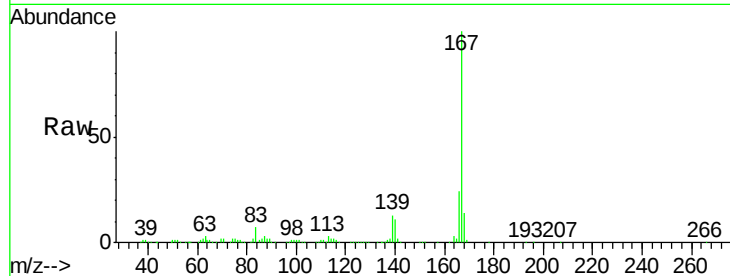
Tot Ion:167 Resp: 773110

Ion Ratio Lower Upper

167 100

166 23.6 18.9 28.3

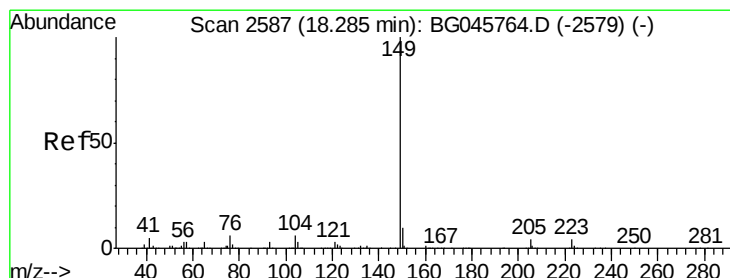
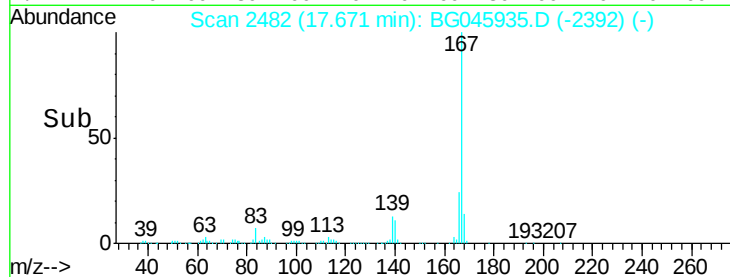
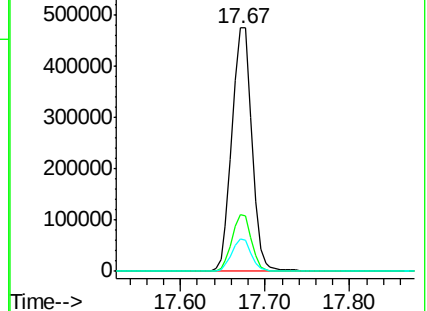
139 13.1 11.4 17.0



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: 51.928 ng

RT: 18.23 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

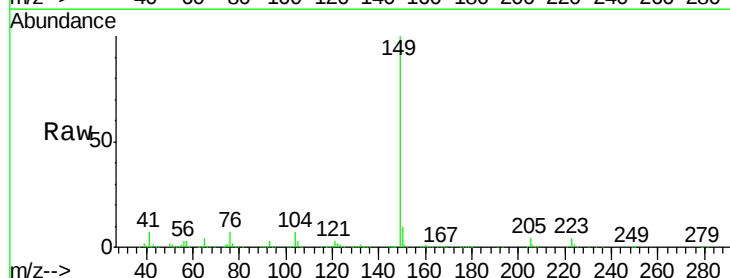
Tgt Ion:149 Resp: 936761

Ion Ratio Lower Upper

149 100

150 9.9 7.4 11.0

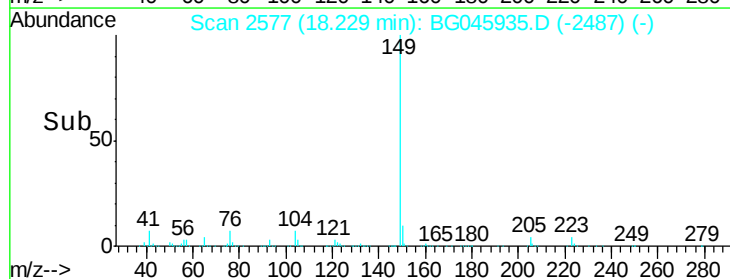
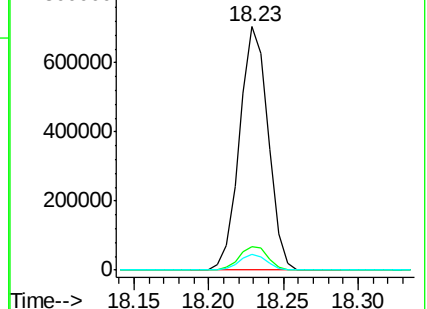
104 6.7 5.0 7.4

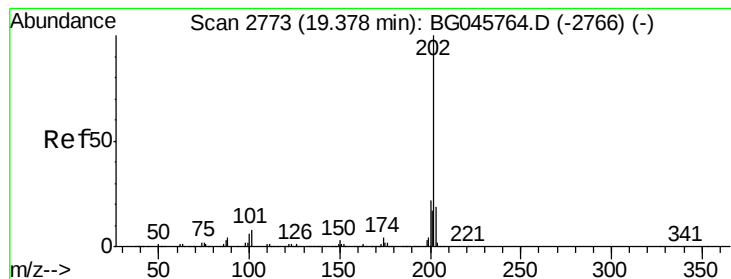


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 52.117 ng

RT: 19.32 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMS

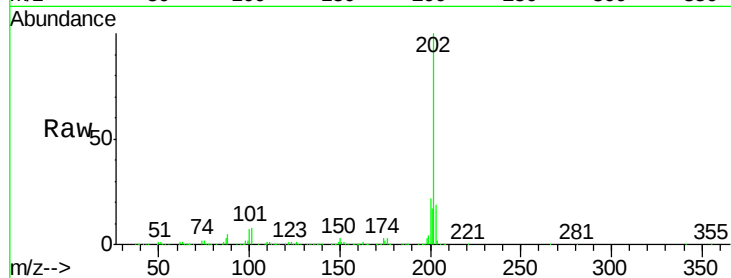
Tot Ion:202 Resp: 1029761

Ion Ratio Lower Upper

202 100

101 8.5 0.0 28.3

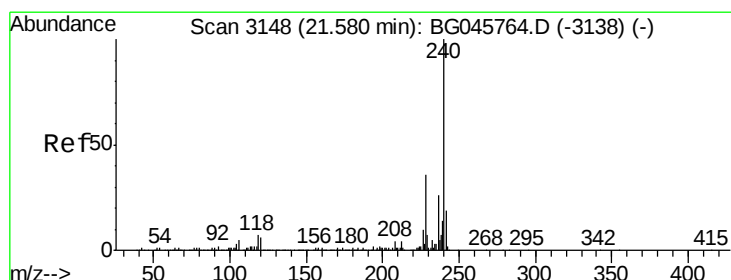
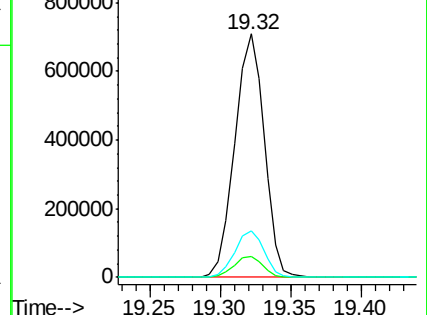
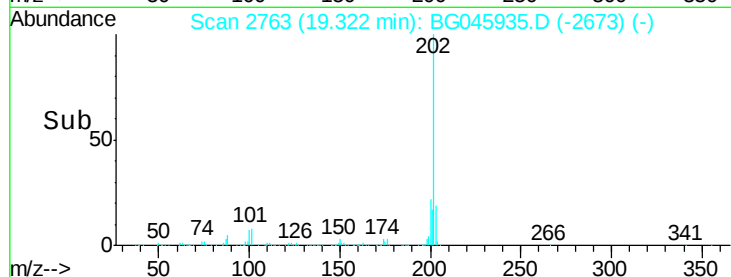
203 19.1 0.0 38.5



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: 21.51 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

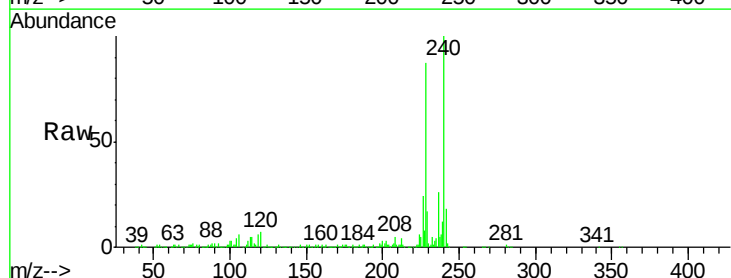
Tgt Ion:240 Resp: 310064

Ion Ratio Lower Upper

240 100

120 7.4 5.2 7.8

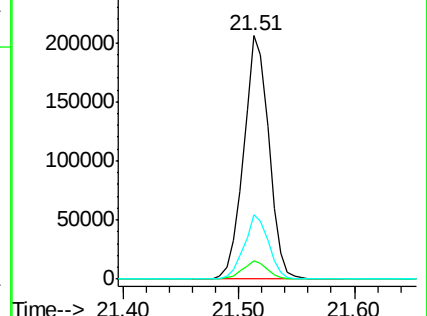
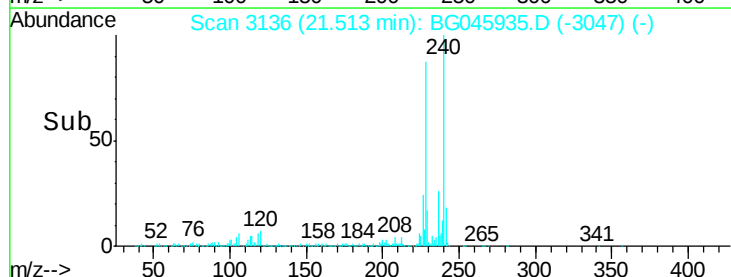
236 26.3 20.8 31.2

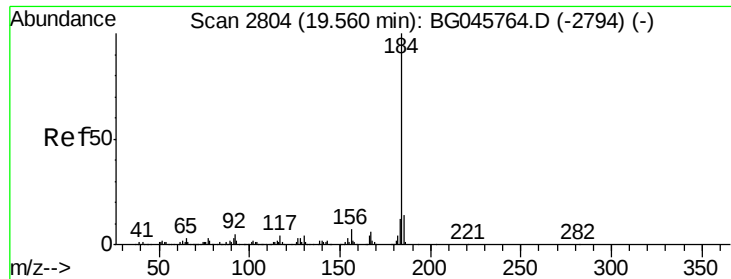


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 12.211 ng

RT: 19.51 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMS

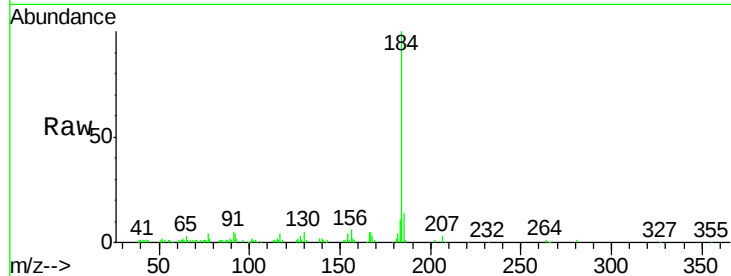
Tot Ion:184 Resp: 98428

Ion Ratio Lower Upper

184 100

185 13.8 11.1 16.7

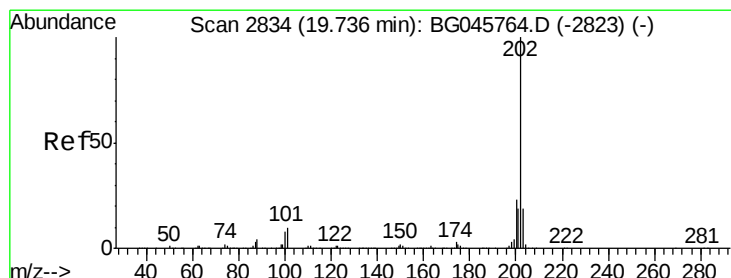
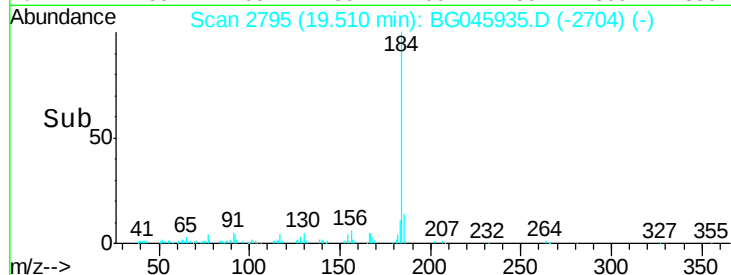
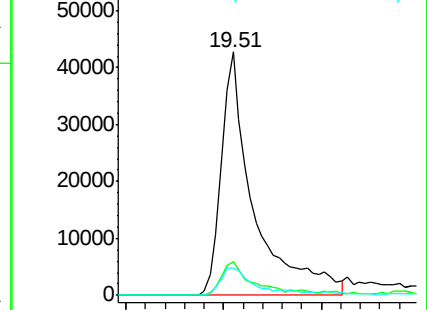
183 11.5 10.6 15.8



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: 48.913 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

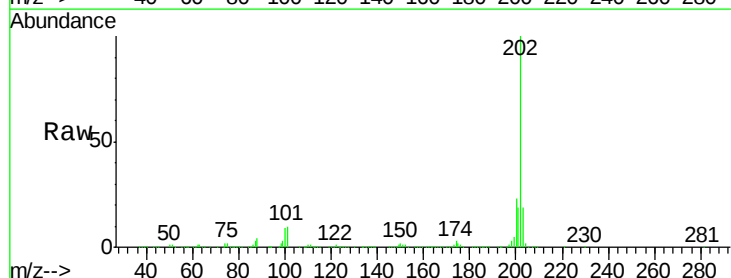
Tgt Ion:202 Resp: 1015579

Ion Ratio Lower Upper

202 100

200 23.0 18.1 27.1

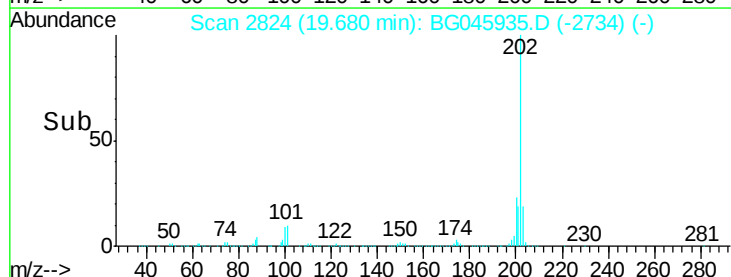
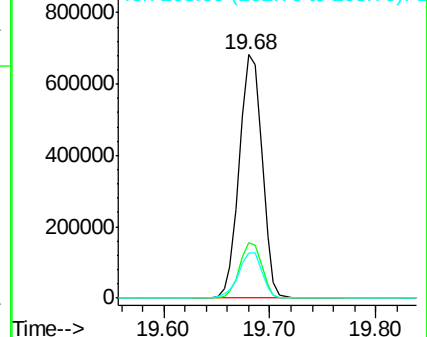
203 18.8 15.1 22.7

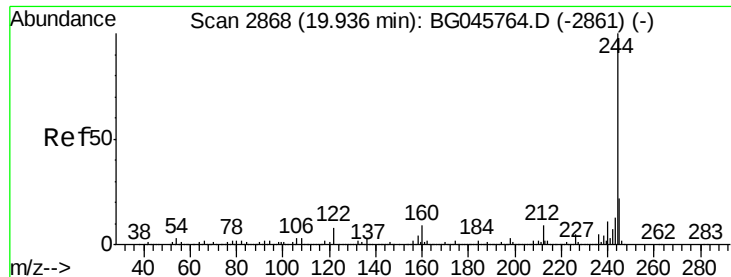


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 107.099 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMS

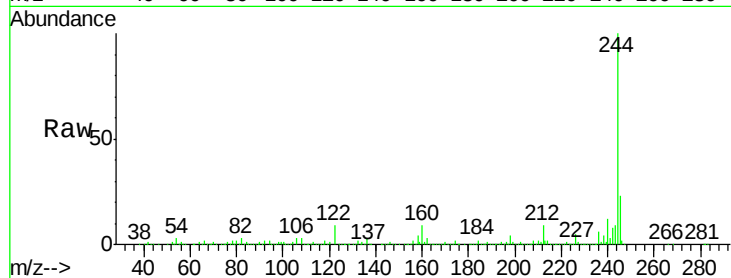
Tot Ion:244 Resp: 1638593

Ion Ratio Lower Upper

244 100

212 9.5 7.0 10.6

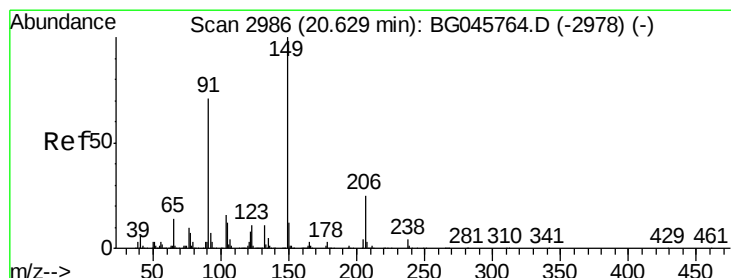
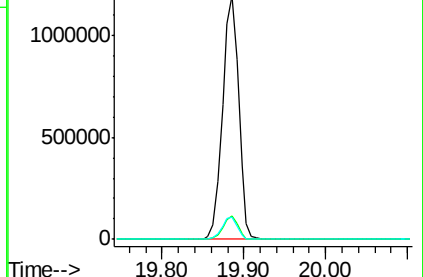
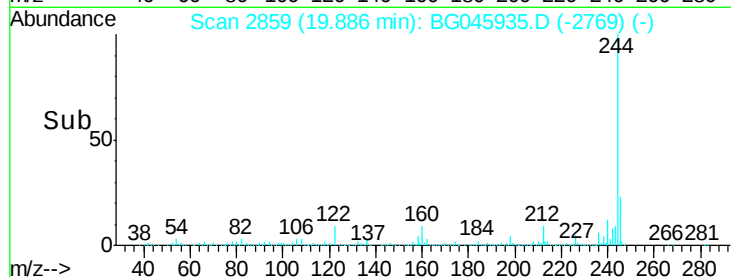
122 8.9 6.6 9.8



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: 49.340 ng

RT: 20.57 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

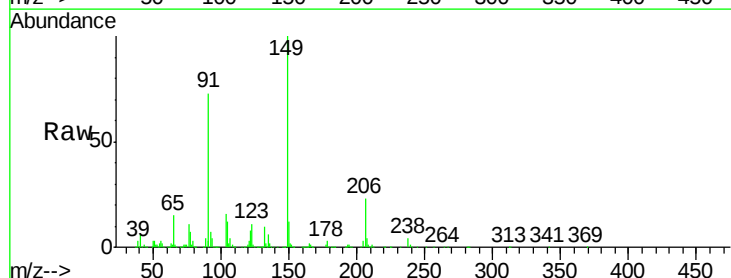
Tgt Ion:149 Resp: 428804

Ion Ratio Lower Upper

149 100

91 73.5 60.4 90.6

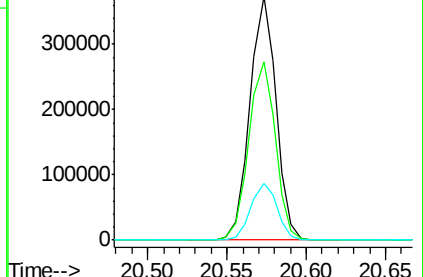
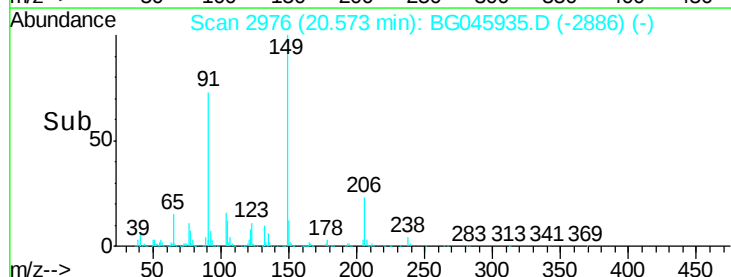
206 23.4 19.8 29.6

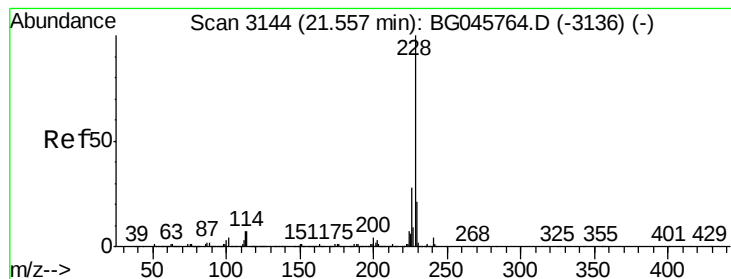


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.259 ng

RT: 21.50 min Scan# 3133

Delta R.T. -0.00 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMS

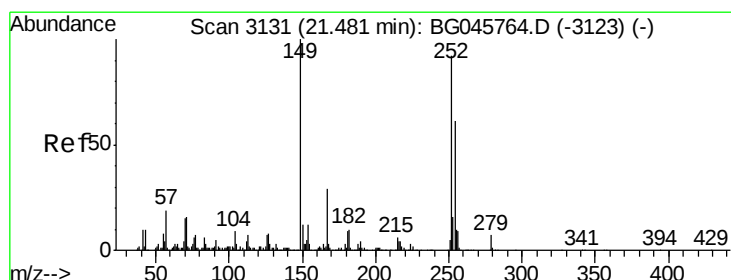
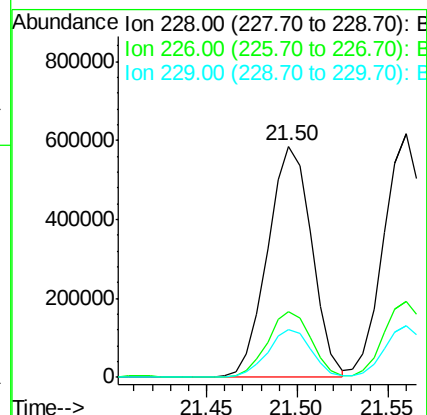
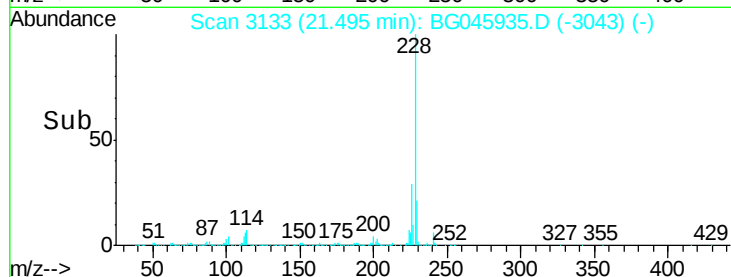
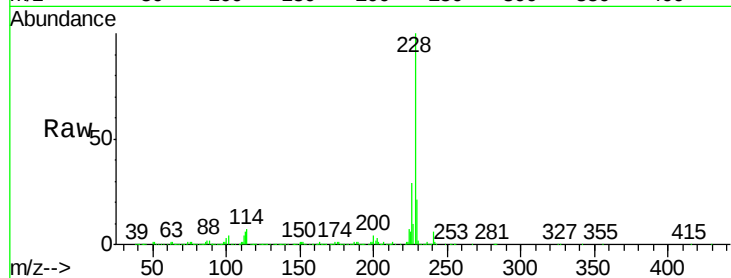
Tot Ion:228 Resp: 990233

Ion Ratio Lower Upper

228 100

226 28.5 23.3 34.9

229 20.6 16.6 24.8



#82

3,3'-Dichlorobenzidine

Concen: 38.018 ng

RT: 21.41 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

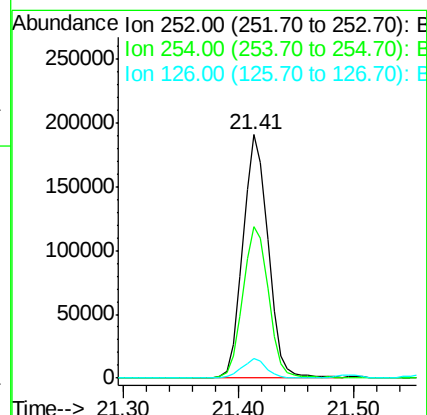
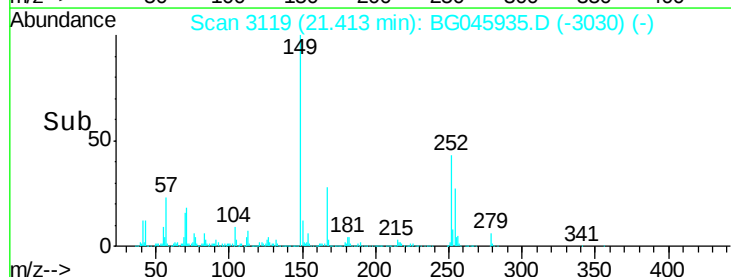
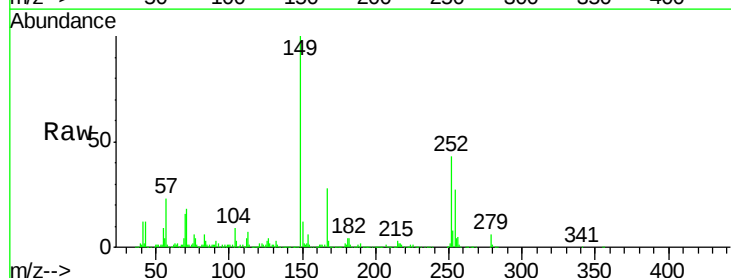
Tgt Ion:252 Resp: 289084

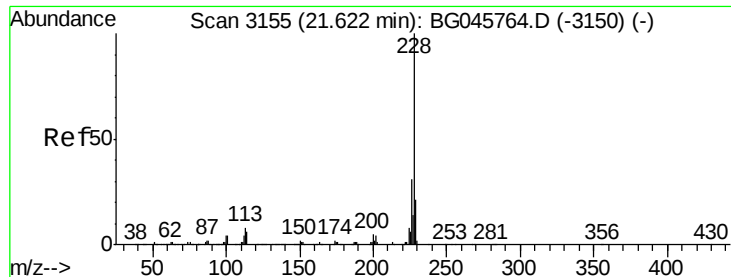
Ion Ratio Lower Upper

252 100

254 62.1 53.8 80.6

126 7.9 6.4 9.6





#83

Chrysene

Concen: 49.924 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

Instrument :

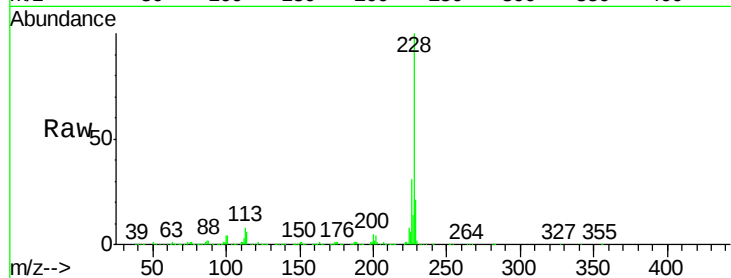
BNA_G

ClientSampleId :

MH-1-COMPMS

Tot Ion:228 Resp: 970715

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.8	38.6
229	21.4	16.4	24.6

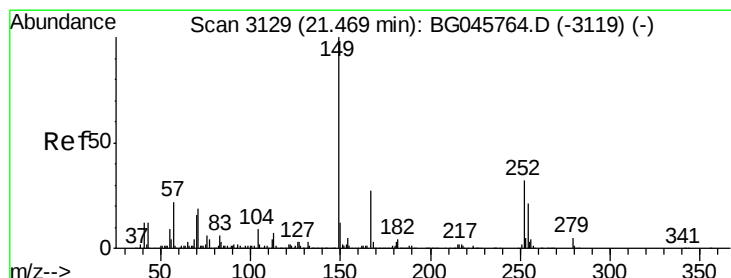
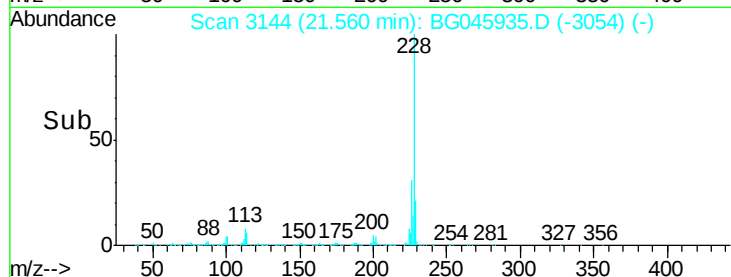
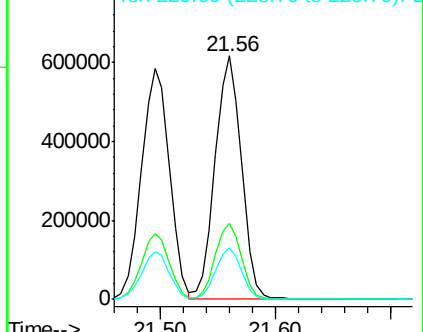


Abundance

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: 50.323 ng

RT: 21.41 min Scan# 3119

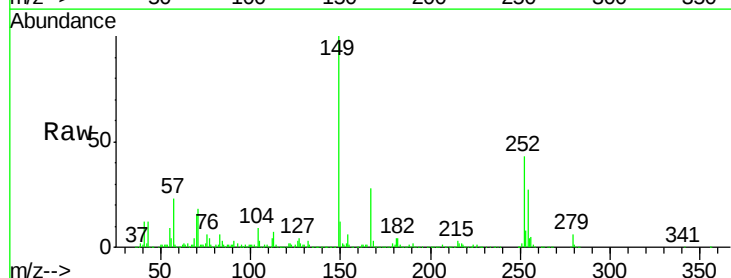
Delta R.T. -0.00 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

Tgt Ion:149 Resp: 608340

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.5	33.7
279	5.7	4.4	6.6

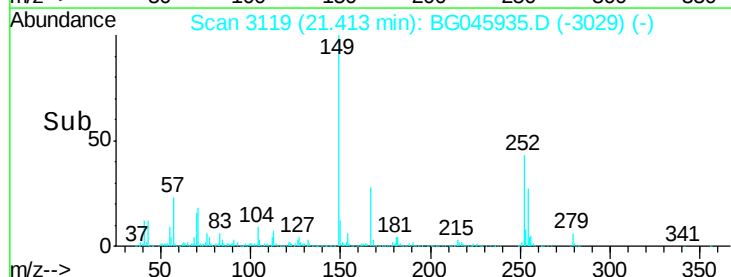
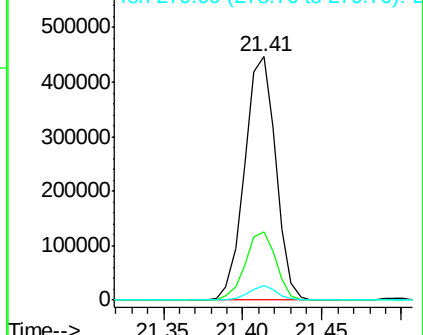


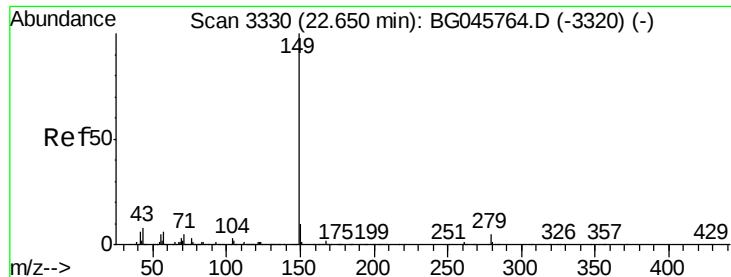
Abundance

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: 50.527 ng

RT: 22.57 min Scan# 3316

Delta R.T. -0.01 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMS

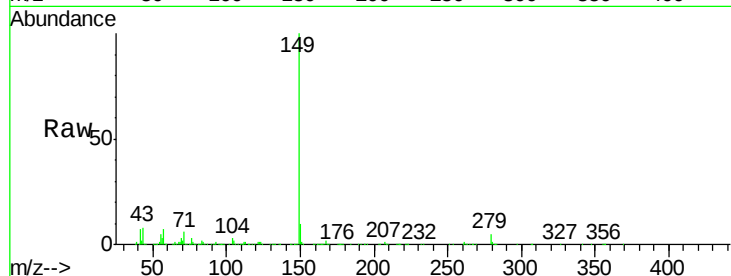
Tot Ion:149 Resp: 1053585

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

43 7.5 6.1 9.1

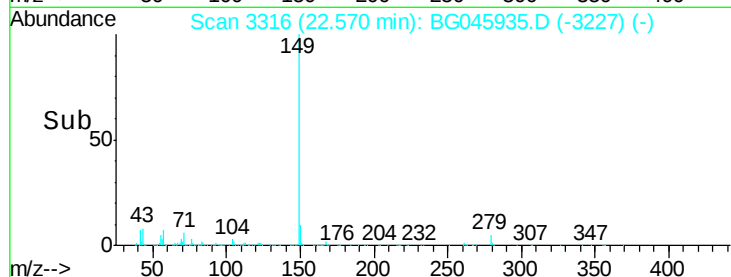


Abundance Ion 149.00 (148.70 to 149.70): E

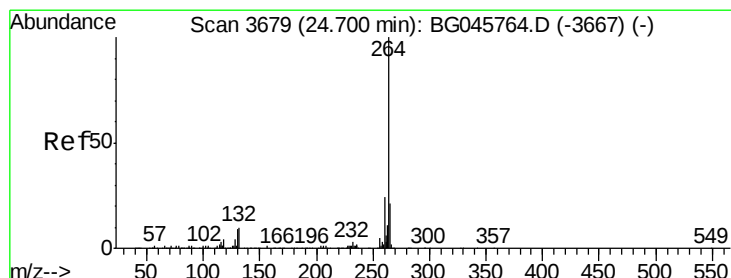
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Time-->



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.59 min Scan# 3660

Delta R.T. -0.01 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

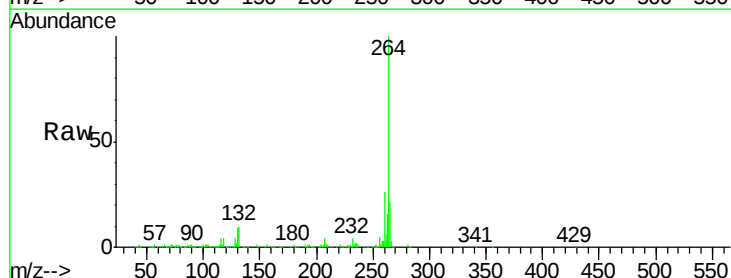
Tgt Ion:264 Resp: 328106

Ion Ratio Lower Upper

264 100

260 25.9 18.5 27.7

265 21.2 16.4 24.6

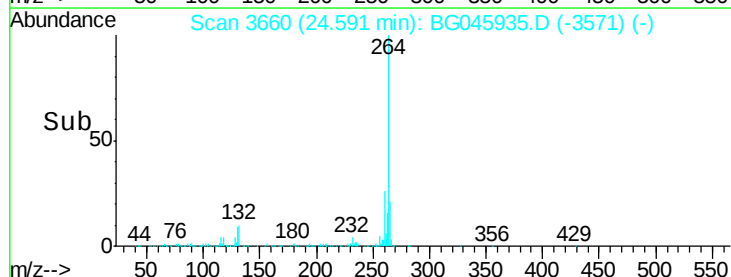


Abundance Ion 264.00 (263.70 to 264.70): E

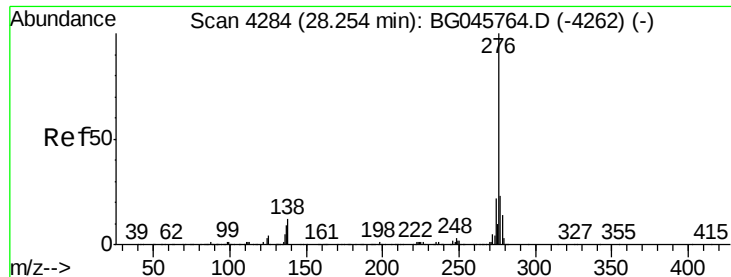
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



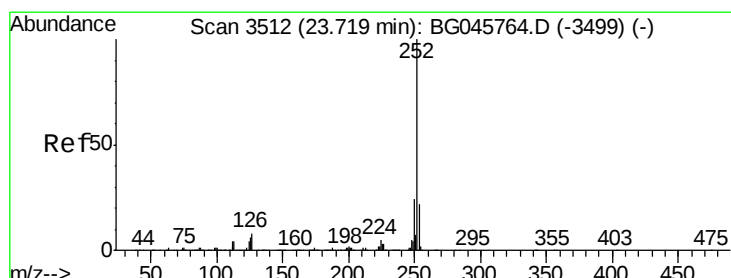
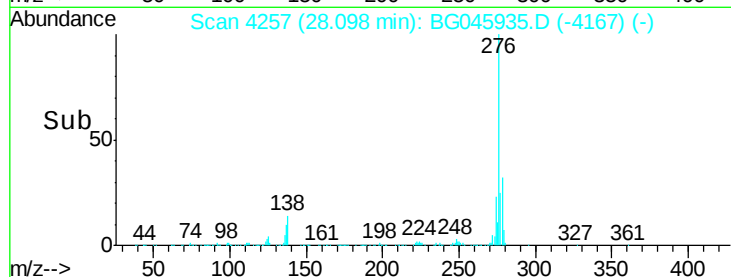
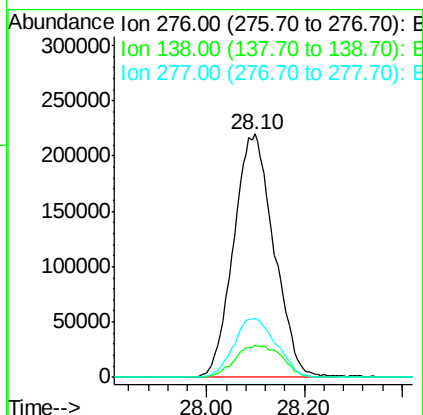
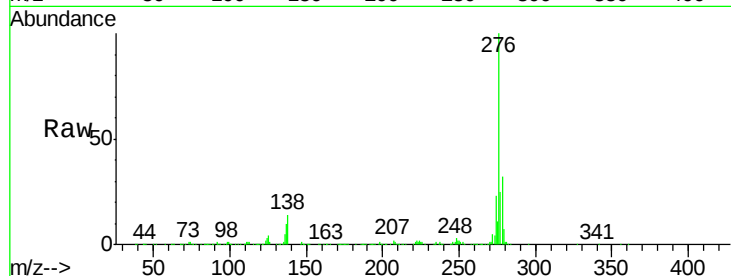
Time-->



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 52.994 ng
 RT: 28.10 min Scan# 4257
 Delta R.T. -0.00 min
 Lab File: BG045935.D
 Acq: 3 Jul 2020 6:07

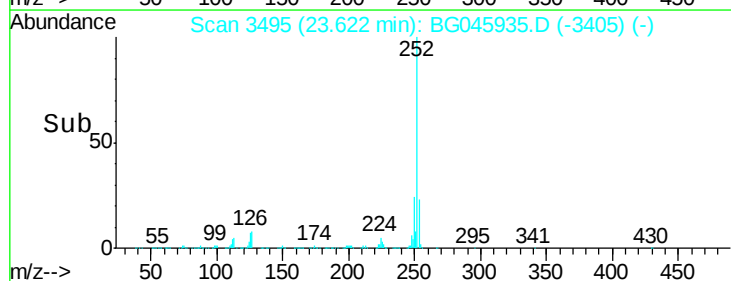
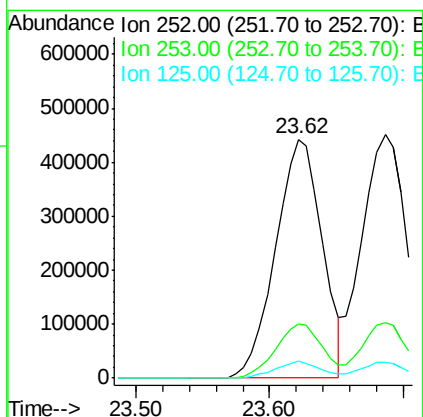
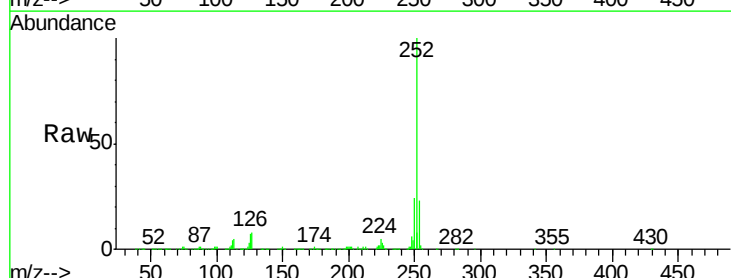
Instrument :
 BNA_G
 ClientSampleId :
 MH-1-COMPMS

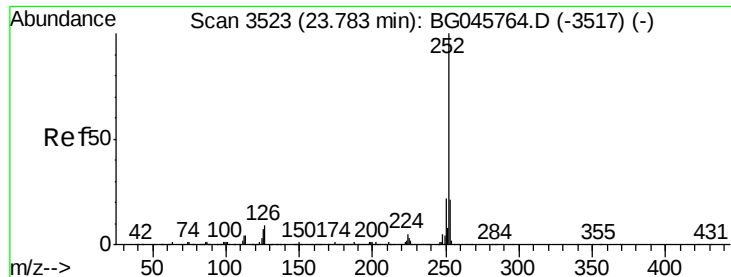
Tot Ion:276 Resp: 1260540
 Ion Ratio Lower Upper
 276 100
 138 15.3 8.4 12.6#
 277 25.7 20.8 31.2



#88
 Benzo(b)fluoranthene
 Concen: 51.823 ng
 RT: 23.62 min Scan# 3495
 Delta R.T. -0.00 min
 Lab File: BG045935.D
 Acq: 3 Jul 2020 6:07

Tgt Ion:252 Resp: 1066102
 Ion Ratio Lower Upper
 252 100
 253 22.8 18.5 27.7
 125 6.9 5.2 7.8

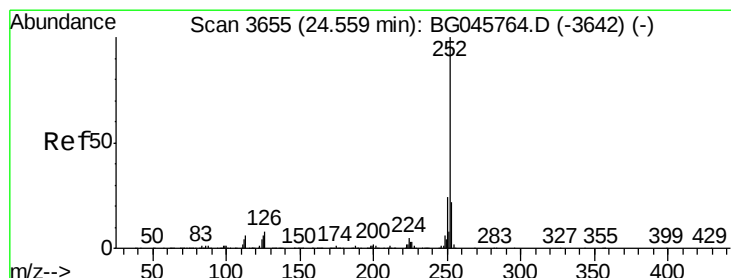
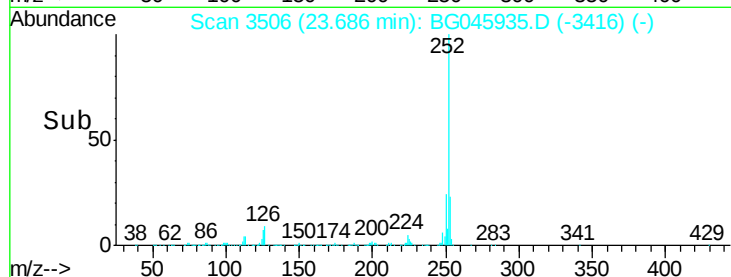
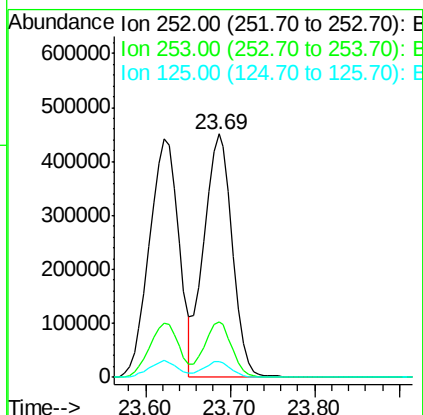
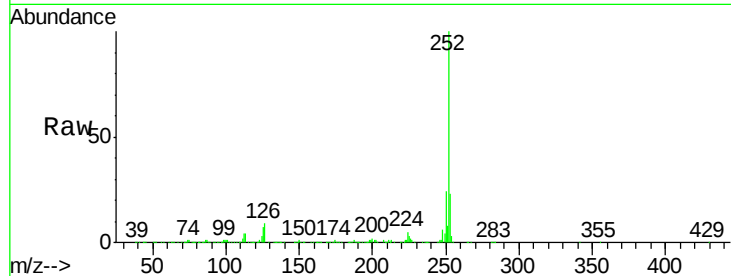




#89
Benzo(k)fluoranthene
Concen: 53.393 ng
RT: 23.69 min Scan# 3506
Delta R.T. -0.00 min
Lab File: BG045935.D
Acq: 3 Jul 2020 6:07

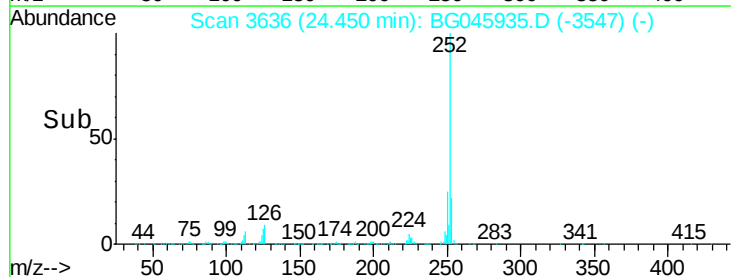
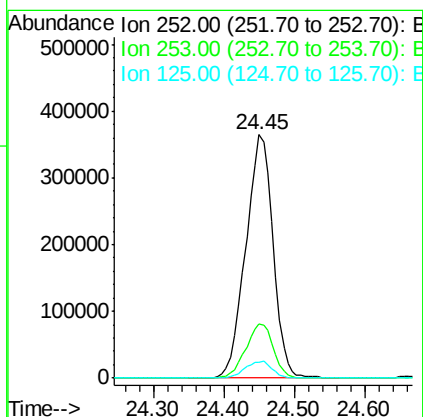
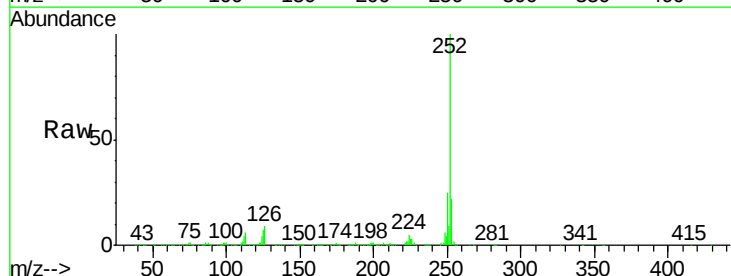
Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMS

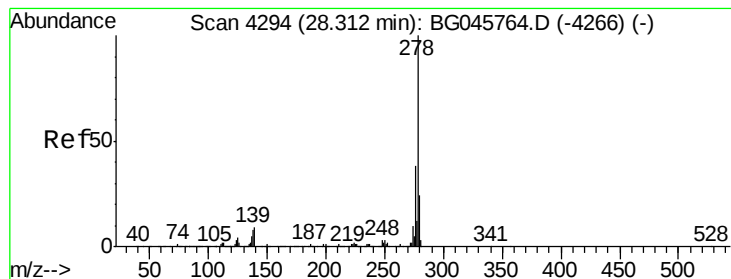
Tot Ion:252 Resp: 1051261
Ion Ratio Lower Upper
252 100
253 22.7 18.3 27.5
125 6.7 5.2 7.8



#90
Benzo(a)pyrene
Concen: 51.174 ng
RT: 24.45 min Scan# 3636
Delta R.T. -0.01 min
Lab File: BG045935.D
Acq: 3 Jul 2020 6:07

Tgt Ion:252 Resp: 983420
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 6.7 5.4 8.0





#91

Dibenzo(a,h)anthracene

Concen: 54.188 ng

RT: 28.15 min Scan# 4265

Delta R.T. -0.01 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMS

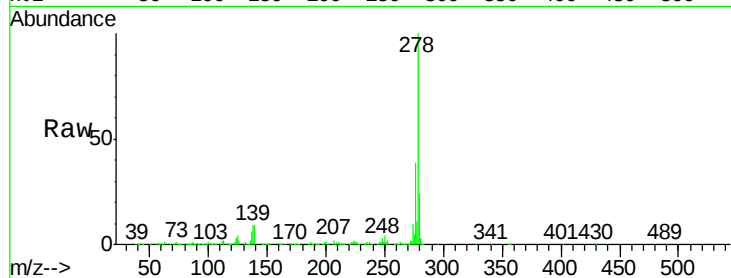
Tot Ion:278 Resp: 1033598

Ion Ratio Lower Upper

278 100

139 9.3 7.8 11.8

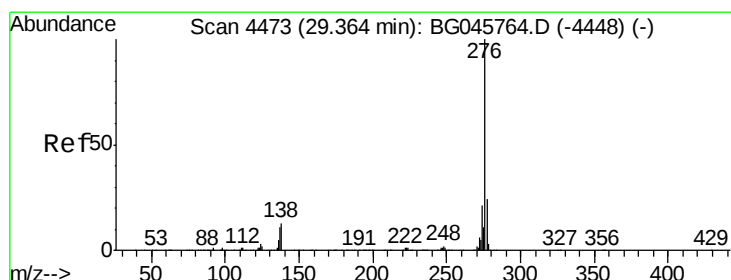
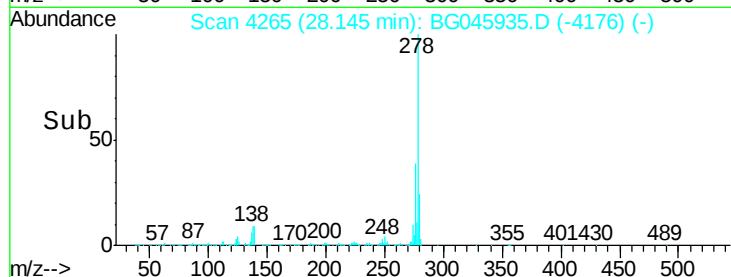
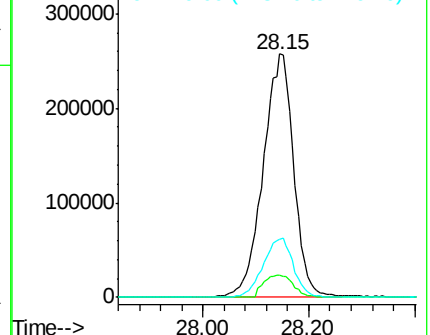
279 23.7 19.4 29.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 53.077 ng

RT: 29.18 min Scan# 4441

Delta R.T. -0.01 min

Lab File: BG045935.D

Acq: 3 Jul 2020 6:07

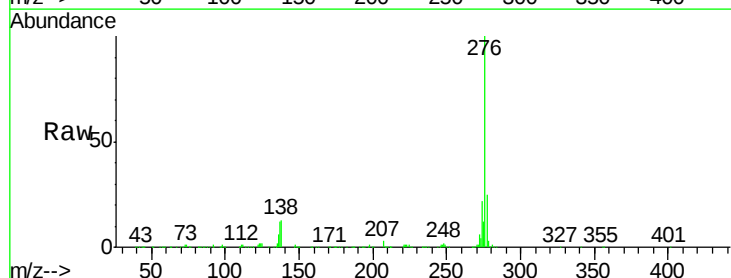
Tgt Ion:276 Resp: 1013342

Ion Ratio Lower Upper

276 100

277 24.5 18.2 27.2

138 13.3 10.1 15.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

