

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
 Data File : BG060746.D
 Acq On : 2 Apr 2024 20:46
 Operator : MA/JU
 Sample : P1927-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11991MS

Quant Time: Apr 03 00:43:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	68291	20.000	ng	0.00
21) Naphthalene-d8	10.749	136	266041	20.000	ng	0.00
39) Acenaphthene-d10	14.585	164	202104	20.000	ng	0.00
64) Phenanthrene-d10	17.329	188	522201	20.000	ng	0.00
76) Chrysene-d12	21.595	240	500564	20.000	ng	0.00
86) Perylene-d12	24.738	264	555427	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	514326	125.465	ng	0.00
7) Phenol-d6	7.117	99	651829	107.120	ng	0.00
23) Nitrobenzene-d5	9.109	82	466093	99.970	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	375916	163.854	ng	0.00
45) 2-Fluorobiphenyl	13.210	172	1111625	80.723	ng	0.00
79) Terphenyl-d14	19.955	244	2260601	79.521	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.469	88	66452	39.538	ng	# 56
3) Pyridine	3.862	79	193800	38.227	ng	92
4) n-Nitrosodimethylamine	3.763	42	136527	45.053	ng	90
6) Aniline	7.282	93	53277	6.933	ng	96
8) 2-Chlorophenol	7.517	128	205070	44.125	ng	95
9) Benzaldehyde	7.088	77	9912	2.954	ng	94
10) Phenol	7.141	94	248788	40.062	ng	99
11) bis(2-Chloroethyl)ether	7.376	93	193845	38.662	ng	99
12) 1,3-Dichlorobenzene	7.846	146	218312	45.171	ng	96
13) 1,4-Dichlorobenzene	7.993	146	226004	45.836	ng	98
14) 1,2-Dichlorobenzene	8.310	146	218289	45.175	ng	98
15) Benzyl Alcohol	8.187	79	188532	38.249	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.475	45	474195	41.908	ng	99
17) 2-Methylphenol	8.392	107	185018	39.465	ng	98
18) Hexachloroethane	9.039	117	79784	45.560	ng	91
19) n-Nitroso-di-n-propyla...	8.763	70	174163	37.532	ng	99
20) 3+4-Methylphenols	8.716	107	249797	38.910	ng	95
22) Acetophenone	8.774	105	339209	46.241	ng	# 98
24) Nitrobenzene	9.150	77	232530	44.990	ng	97
25) Isophorone	9.679	82	448855	41.798	ng	99
26) 2-Nitrophenol	9.861	139	102824	54.936	ng	95
27) 2,4-Dimethylphenol	9.926	122	159143	36.892	ng	99
28) bis(2-Chloroethoxy)met...	10.161	93	269163	42.455	ng	99
29) 2,4-Dichlorophenol	10.396	162	204786	51.697	ng	98
30) 1,2,4-Trichlorobenzene	10.613	180	219044	48.834	ng	99
31) Naphthalene	10.801	128	639649	44.447	ng	99
32) Benzoic acid	10.049	122	143276	49.647	ng	94
33) 4-Chloroaniline	10.901	127	16046	2.401	ng	97
34) Hexachlorobutadiene	11.095	225	140985	47.162	ng	96
35) Caprolactam	11.677	113	45016	28.693	ng	97
36) 4-Chloro-3-methylphenol	12.029	107	244812	48.379	ng	96
37) 2-Methylnaphthalene	12.411	142	457002	43.194	ng	97
38) 1-Methylnaphthalene	12.629	142	428982	42.919	ng	98
40) 1,2,4,5-Tetrachloroben...	12.776	216	270382	46.535	ng	99
41) Hexachlorocyclopentadiene	12.764	237	279877	94.733	ng	100
43) 2,4,6-Trichlorophenol	13.011	196	193406	51.695	ng	95

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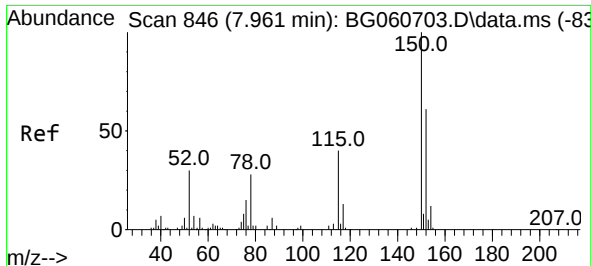
Quant Time: Apr 03 00:43:21 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.087	196	218946	49.038	ng	98
46) 1,1'-Biphenyl	13.422	154	635984	44.551	ng	99
47) 2-Chloronaphthalene	13.457	162	502434	46.324	ng	99
48) 2-Nitroaniline	13.651	65	181100	50.954	ng	97
49) Acenaphthylene	14.303	152	877386	48.145	ng	99
50) Dimethylphthalate	14.045	163	723796	45.310	ng	100
51) 2,6-Dinitrotoluene	14.156	165	145221	50.572	ng	94
52) Acenaphthene	14.650	154	500779	43.766	ng	99
53) 3-Nitroaniline	14.474	138	29567	11.715	ng	97
54) 2,4-Dinitrophenol	14.685	184	177657	159.775	ng	89
55) Dibenzofuran	14.985	168	826780	45.809	ng	99
56) 4-Nitrophenol	14.785	139	277800	118.957	ng	100
57) 2,4-Dinitrotoluene	14.944	165	219688	57.757	ng	91
58) Fluorene	15.637	166	679567	46.915	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.208	232	212777	54.684	ng	100
60) Diethylphthalate	15.414	149	727803	45.285	ng	99
61) 4-Chlorophenyl-phenyle...	15.631	204	341914	44.617	ng	96
62) 4-Nitroaniline	15.643	138	109668	37.549	ng	97
63) Azobenzene	15.925	77	681540	43.519	ng	96
65) 4,6-Dinitro-2-methylph...	15.707	198	125863	56.879	ng	96
66) n-Nitrosodiphenylamine	15.843	169	512700	34.357	ng	98
67) 4-Bromophenyl-phenylether	16.524	248	243848	46.012	ng	98
68) Hexachlorobenzene	16.636	284	283101	47.320	ng	95
69) Atrazine	16.794	200	74993	14.371	ng	98
70) Pentachlorophenol	16.977	266	405777	103.948	ng	99
71) Phenanthrene	17.376	178	1217522	44.830	ng	100
72) Anthracene	17.464	178	1248178	45.255	ng	99
73) Carbazole	17.729	167	865791	35.603	ng	98
74) Di-n-butylphthalate	18.316	149	1371961	45.253	ng	99
75) Fluoranthene	19.385	202	1532910	46.515	ng	98
77) Benzidine	19.955	184	37574	2.851	ng	# 92
78) Pyrene	19.744	202	1594672	45.551	ng	99
80) Butylbenzylphthalate	20.655	149	644417	50.461	ng	100
81) Benzo(a)anthracene	21.577	228	1647885	46.703	ng	99
83) Chrysene	21.642	228	1563006	45.959	ng	99
84) Bis(2-ethylhexyl)phtha...	21.524	149	955639	46.949	ng	98
85) Di-n-octyl phthalate	22.729	149	1655898	49.937	ng	99
87) Indeno(1,2,3-cd)pyrene	28.304	276	1991434	50.914	ng	97
88) Benzo(b)fluoranthene	23.751	252	1651412	51.754	ng	99
89) Benzo(k)fluoranthene	23.816	252	1620828	49.627	ng	98
90) Benzo(a)pyrene	24.591	252	1492906	48.144	ng	98
91) Dibenzo(a,h)anthracene	28.375	278	1665970	50.527	ng	98
92) Benzo(g,h,i)perylene	29.409	276	1496596	46.661	ng	99

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

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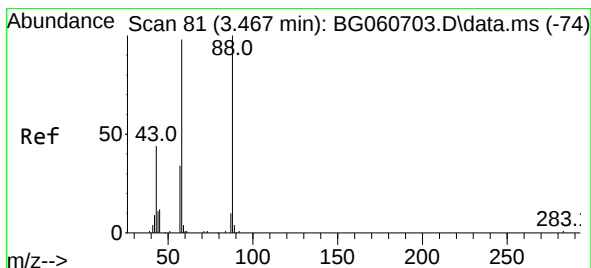
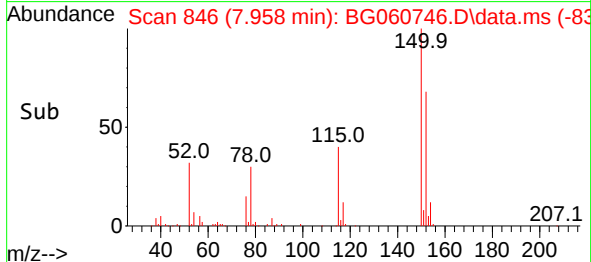
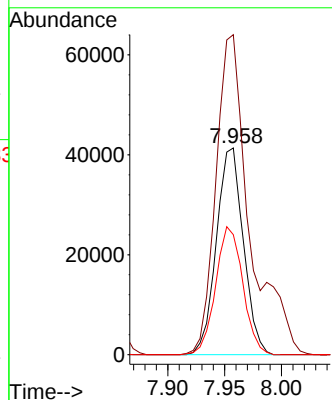
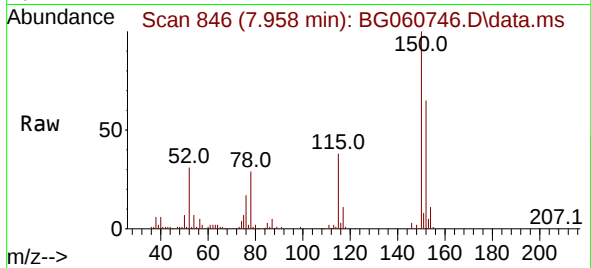




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

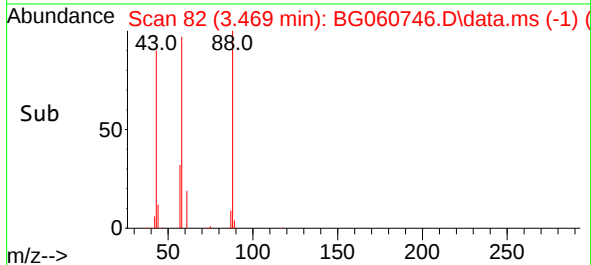
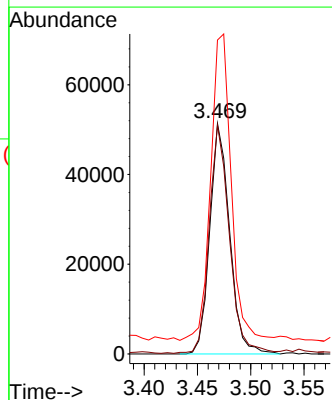
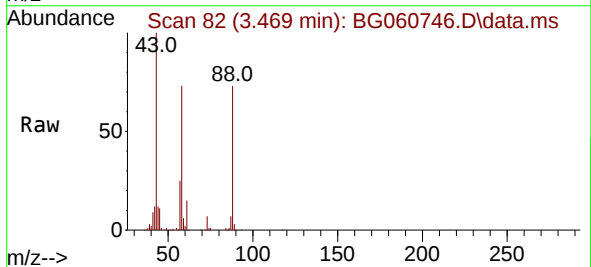
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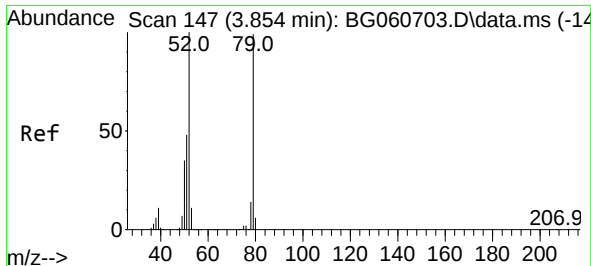
Tgt Ion:152 Resp: 68291
Ion Ratio Lower Upper
152 100
150 154.8 130.2 195.4
115 58.1 51.6 77.4



#2
1,4-Dioxane
Concen: 39.538 ng
RT: 3.469 min Scan# 82
Delta R.T. 0.002 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion: 88 Resp: 66452
Ion Ratio Lower Upper
88 100
58 100.3 80.9 121.3
43 137.0 35.4 53.0#

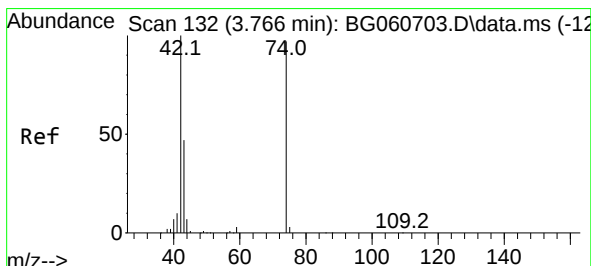
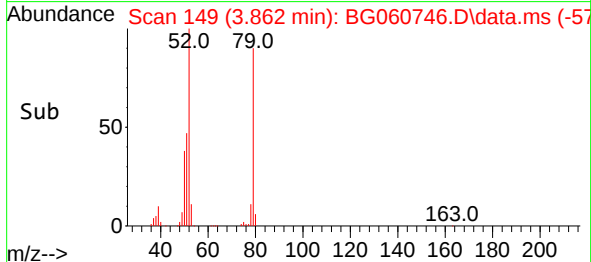
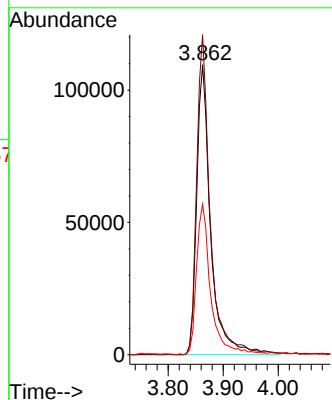
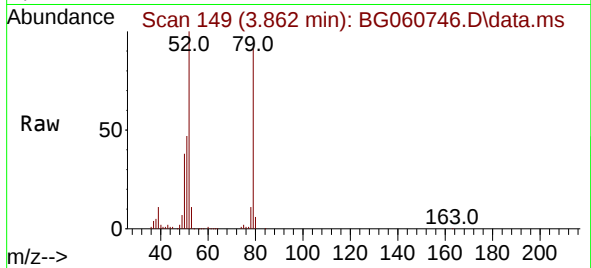




#3
Pyridine
Concen: 38.227 ng
RT: 3.862 min Scan# 147
Delta R.T. 0.008 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

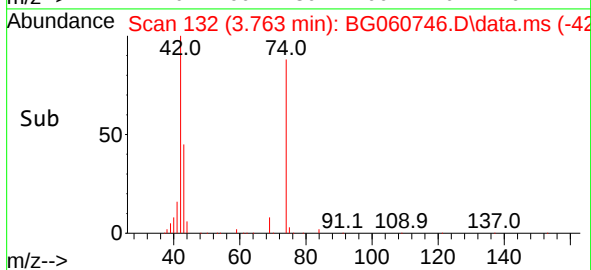
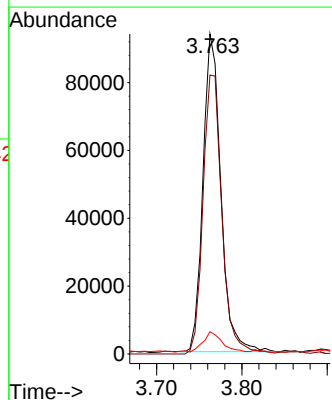
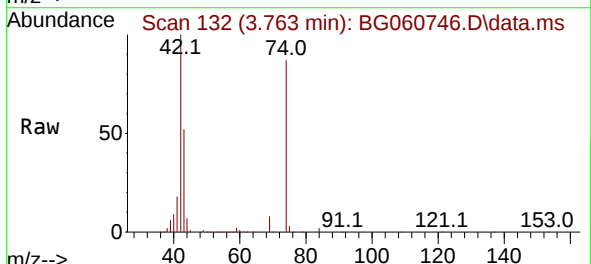
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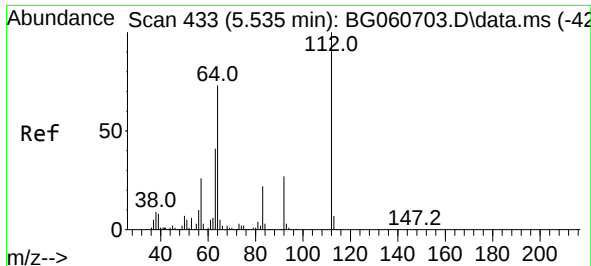
Tgt Ion: 79 Resp: 193800
Ion Ratio Lower Upper
79 100
52 110.4 80.6 120.8
51 51.9 39.1 58.7



#4
n-Nitrosodimethylamine
Concen: 45.053 ng
RT: 3.763 min Scan# 132
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion: 42 Resp: 136527
Ion Ratio Lower Upper
42 100
74 87.2 77.8 116.8
44 6.9 6.8 10.2

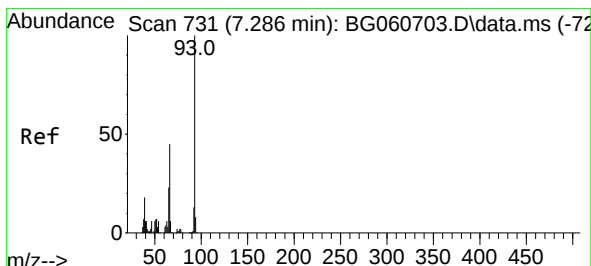
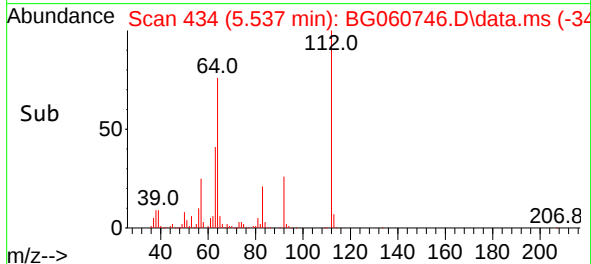
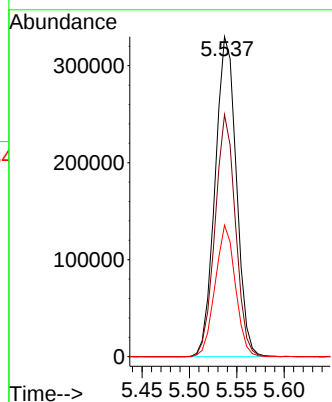
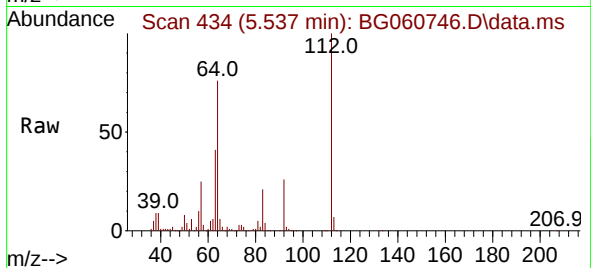




#5
2-Fluorophenol
Concen: 125.465 ng
RT: 5.537 min Scan# 411
Delta R.T. 0.002 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

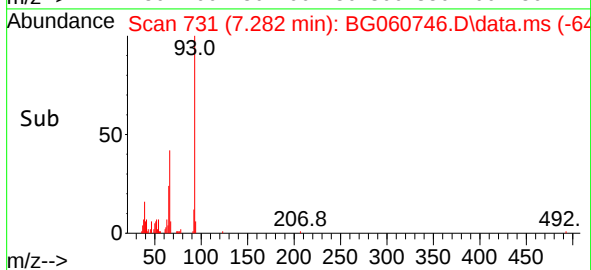
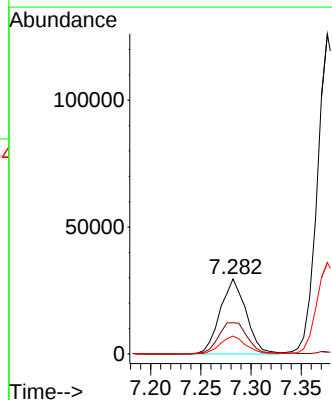
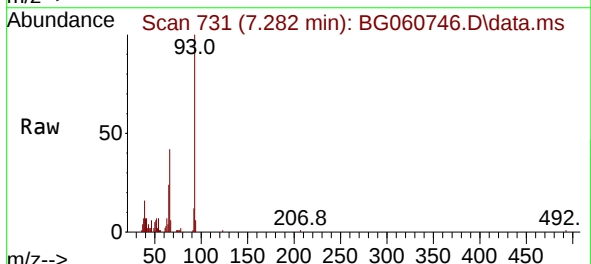
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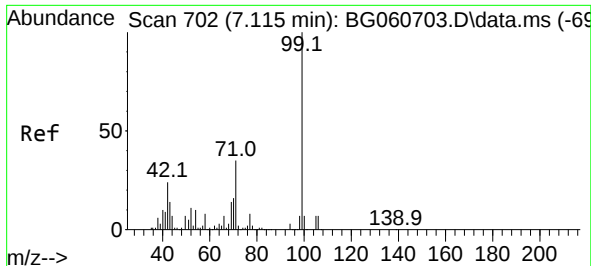
Tgt Ion:112 Resp: 514326
Ion Ratio Lower Upper
112 100
64 75.6 58.4 87.6
63 41.1 32.7 49.1



#6
Aniline
Concen: 6.933 ng
RT: 7.282 min Scan# 731
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion: 93 Resp: 53277
Ion Ratio Lower Upper
93 100
66 41.7 36.1 54.1
65 23.9 18.1 27.1

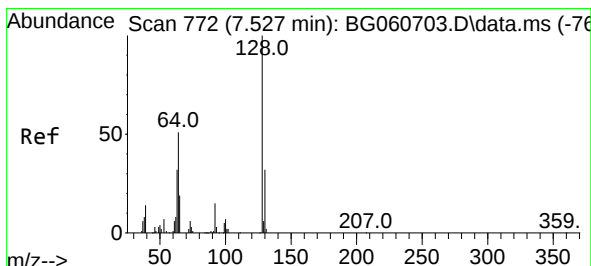
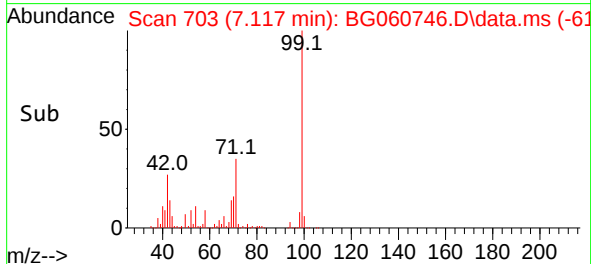
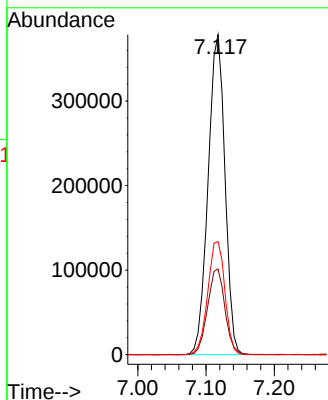
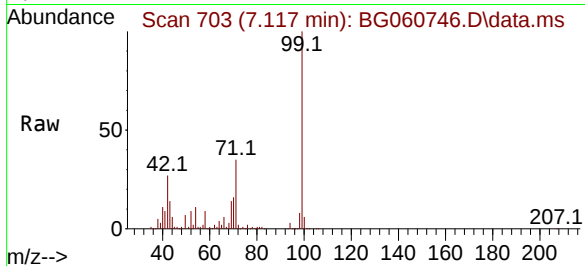




#7
Phenol-d6
Concen: 107.120 ng
RT: 7.117 min Scan# 702
Delta R.T. 0.002 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

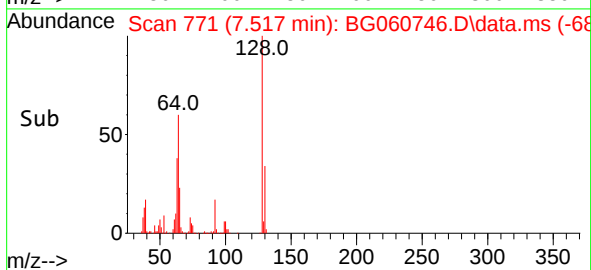
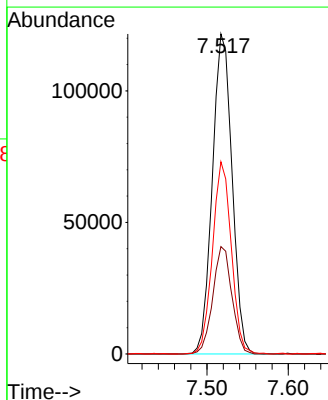
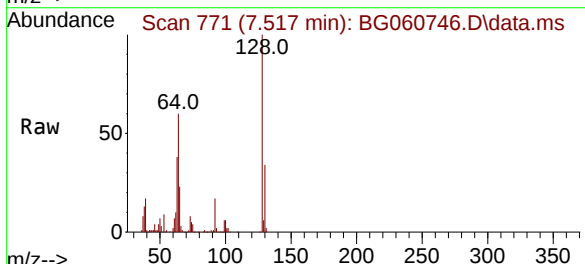
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Tgt Ion: 99 Resp: 651829
Ion Ratio Lower Upper
99 100
42 26.8 19.4 29.2
71 35.4 28.2 42.2



#8
2-Chlorophenol
Concen: 44.125 ng
RT: 7.517 min Scan# 771
Delta R.T. -0.010 min
Lab File: BG060746.D
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Tgt Ion:128 Resp: 205070
Ion Ratio Lower Upper
128 100
130 33.5 12.3 52.3
64 60.1 35.0 75.0

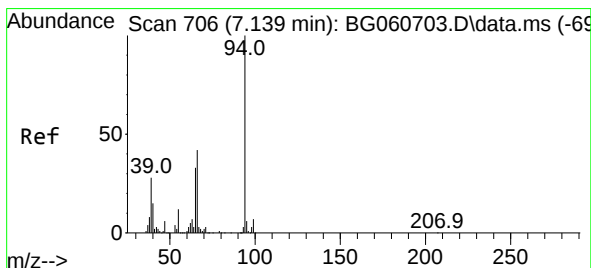
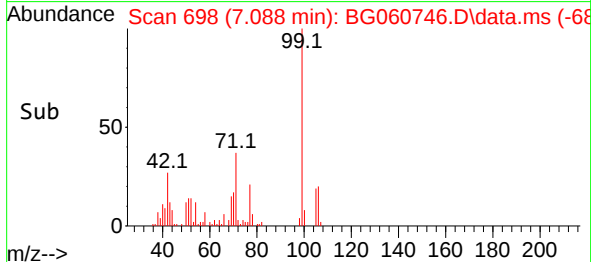
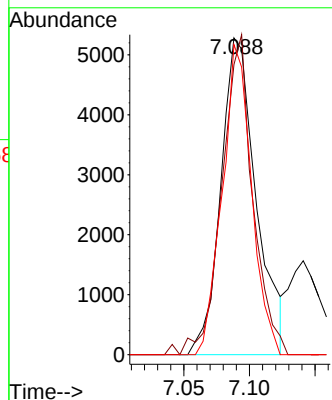
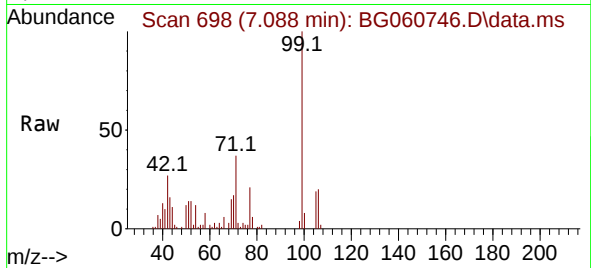




#9
Benzaldehyde
Concen: 2.954 ng
RT: 7.088 min Scan# 699
Delta R.T. -0.010 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

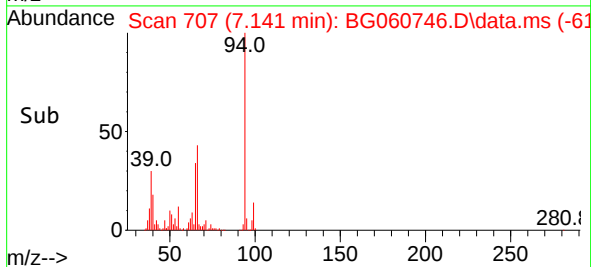
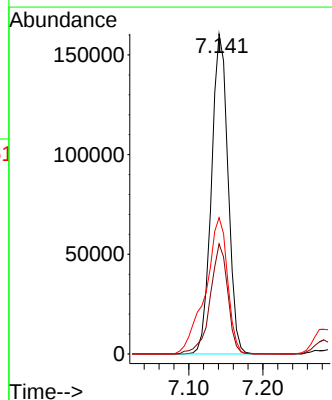
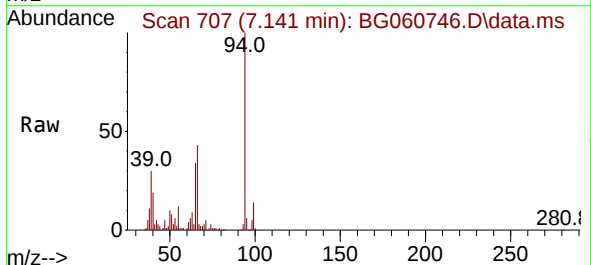
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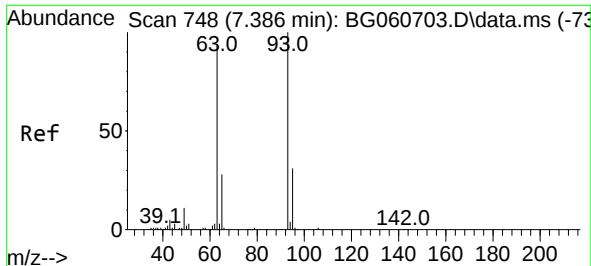
Tgt Ion: 77 Resp: 9912
Ion Ratio Lower Upper
77 100
105 91.6 76.0 116.0
106 97.9 70.3 110.3



#10
Phenol
Concen: 40.062 ng
RT: 7.141 min Scan# 707
Delta R.T. 0.002 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion: 94 Resp: 248788
Ion Ratio Lower Upper
94 100
65 34.4 13.3 53.3
66 42.6 22.9 62.9

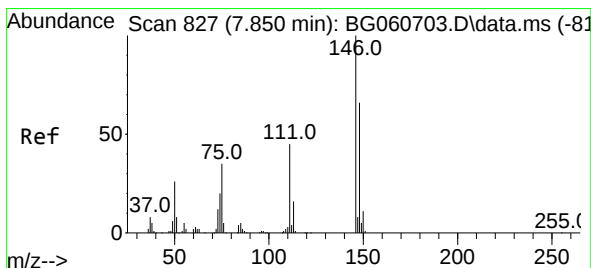
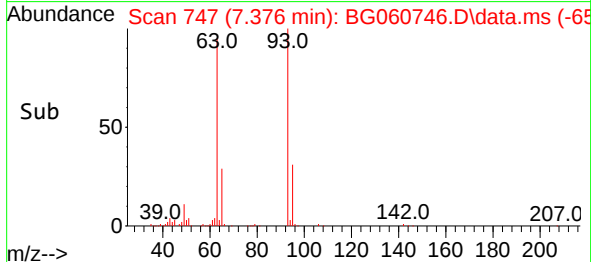
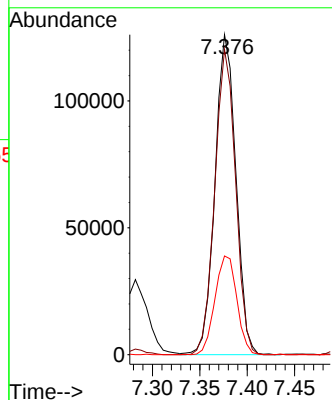
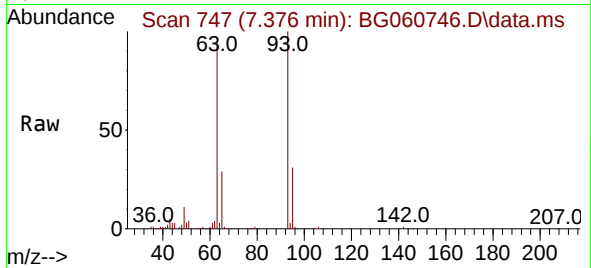




#11
bis(2-Chloroethyl)ether
Concen: 38.662 ng
RT: 7.376 min Scan# 748
Delta R.T. -0.010 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

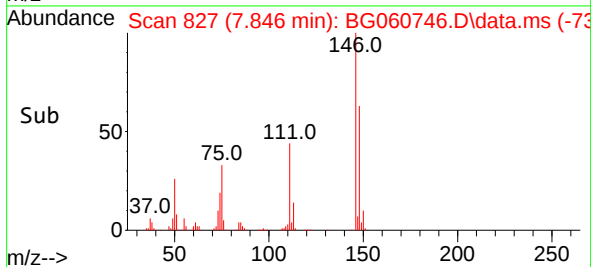
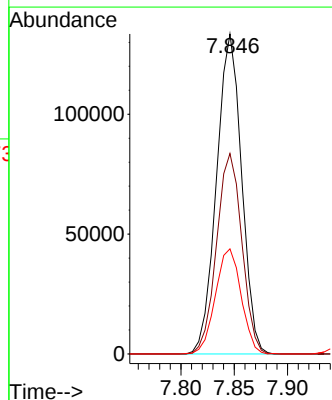
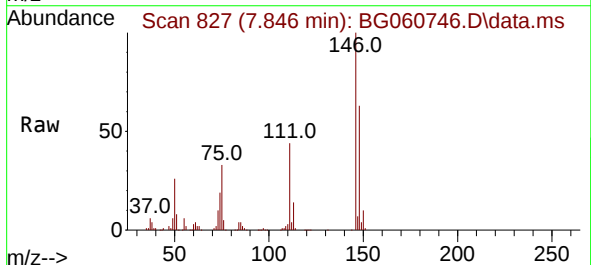
Instrument :
BNA_G
ClientSampleId :
72-11991MS

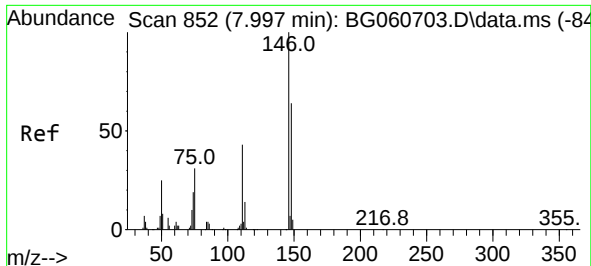
Tgt Ion: 93 Resp: 193845
Ion Ratio Lower Upper
93 100
63 95.4 73.7 113.7
95 30.8 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 45.171 ng
RT: 7.846 min Scan# 827
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion:146 Resp: 218312
Ion Ratio Lower Upper
146 100
148 62.7 53.0 79.4
75 32.8 28.1 42.1

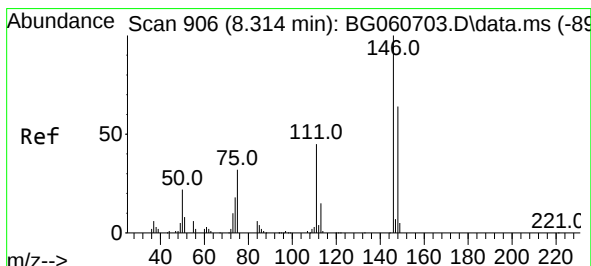
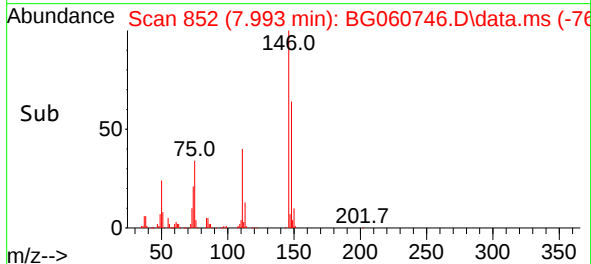
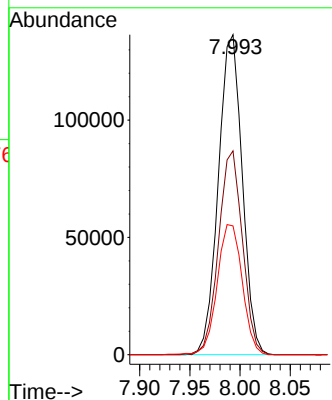
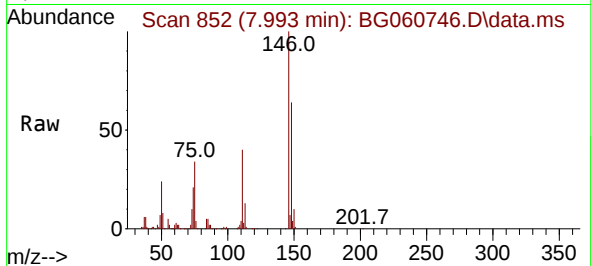




#13
1,4-Dichlorobenzene
Concen: 45.836 ng
RT: 7.993 min Scan# 852
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

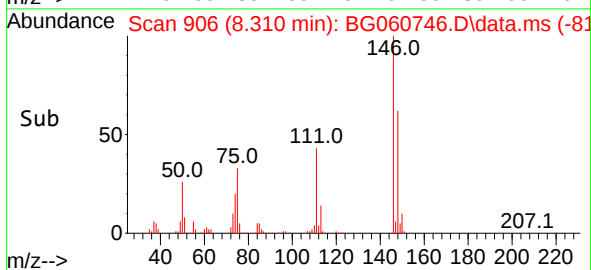
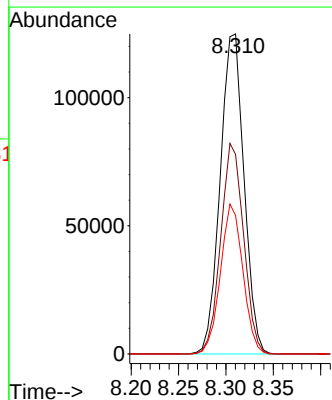
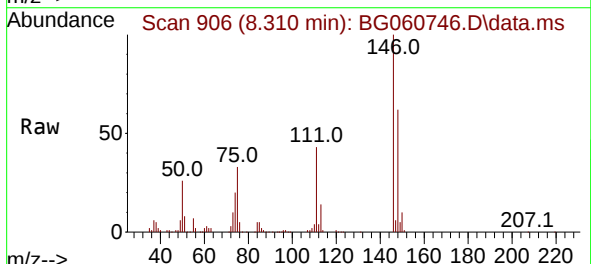
Instrument :
BNA_G
ClientSampleId :
72-11991MS

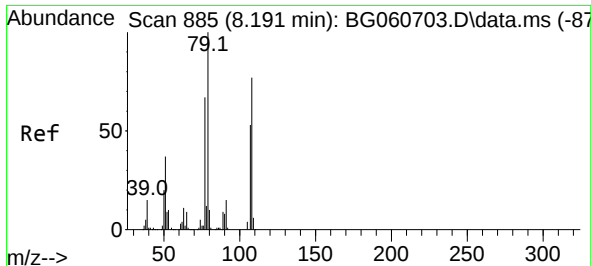
Tgt Ion:146 Resp: 226004
Ion Ratio Lower Upper
146 100
148 63.7 51.1 76.7
111 40.3 35.0 52.6



#14
1,2-Dichlorobenzene
Concen: 45.175 ng
RT: 8.310 min Scan# 906
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion:146 Resp: 218289
Ion Ratio Lower Upper
146 100
148 62.4 51.0 76.6
111 43.3 36.0 54.0

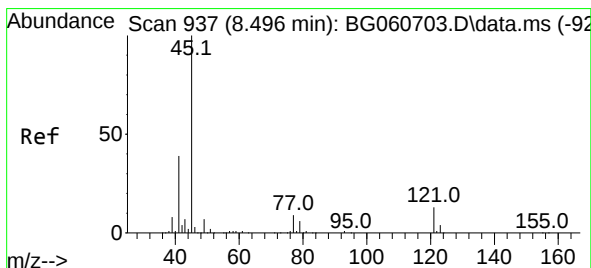
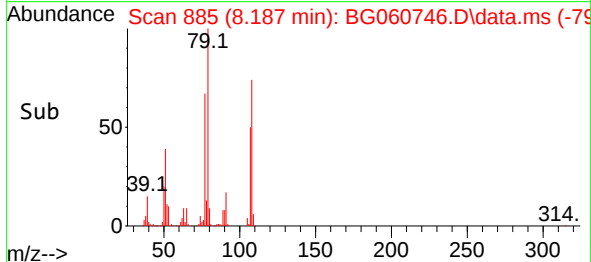
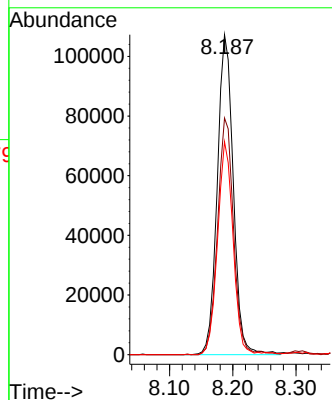
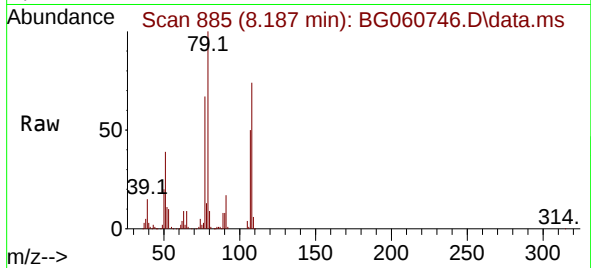




#15
Benzyl Alcohol
Concen: 38.249 ng
RT: 8.187 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

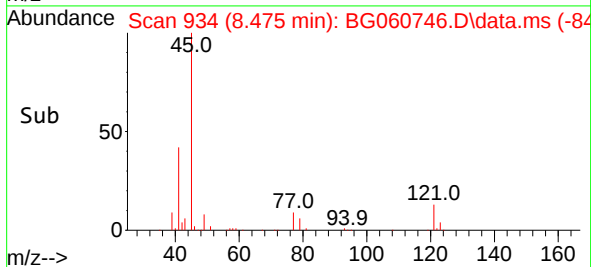
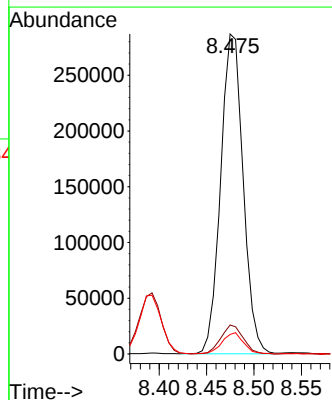
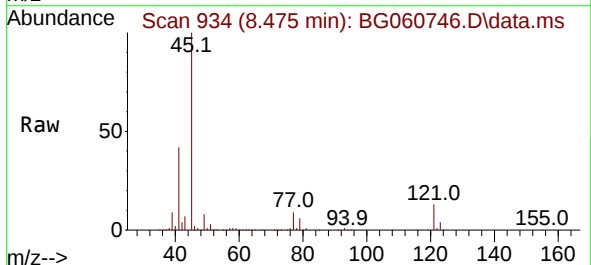
Instrument :
BNA_G
ClientSampleId :
72-11991MS

Tgt Ion: 79 Resp: 188532
Ion Ratio Lower Upper
79 100
108 74.0 61.4 92.0
77 66.5 53.6 80.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.908 ng
RT: 8.475 min Scan# 934
Delta R.T. -0.021 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion: 45 Resp: 474195
Ion Ratio Lower Upper
45 100
77 9.1 0.0 29.1
79 6.1 0.0 26.5





#17

2-Methylphenol

Concen: 39.465 ng

RT: 8.392 min Scan# 91

Delta R.T. 0.002 min

Lab File: BG060746.D

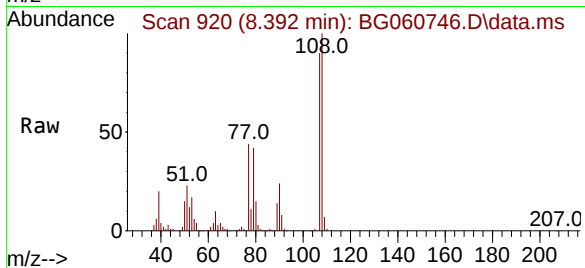
Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

72-11991MS



Tgt Ion:107 Resp: 185018

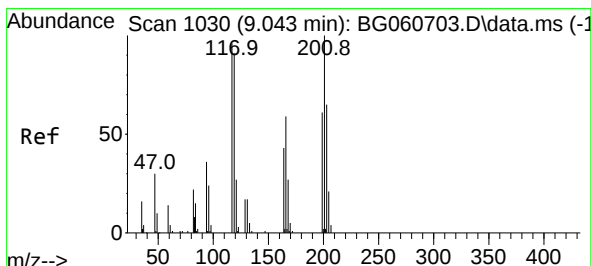
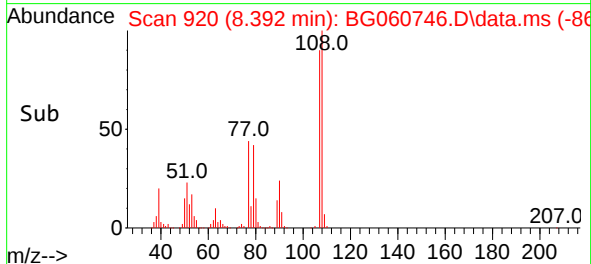
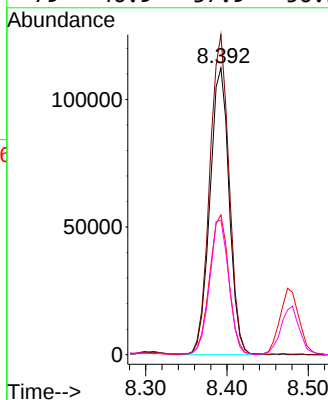
Ion Ratio Lower Upper

107 100

108 111.6 86.4 129.6

77 48.8 38.6 58.0

79 46.9 37.9 56.9



#18

Hexachloroethane

Concen: 45.560 ng

RT: 9.039 min Scan# 1030

Delta R.T. -0.004 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

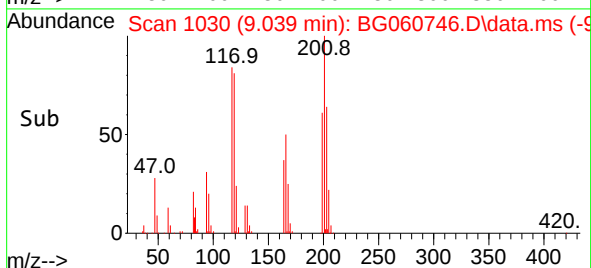
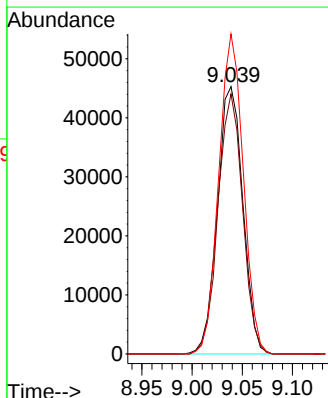
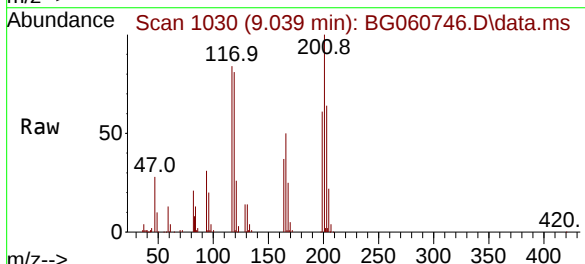
Tgt Ion:117 Resp: 79784

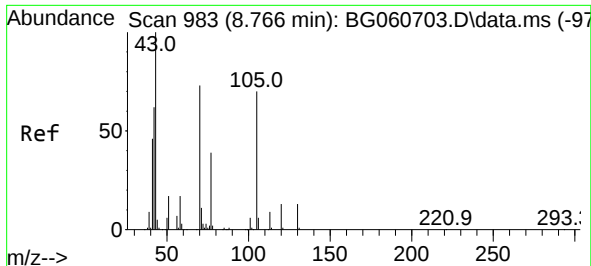
Ion Ratio Lower Upper

117 100

119 97.3 75.7 113.5

201 119.7 83.4 125.2

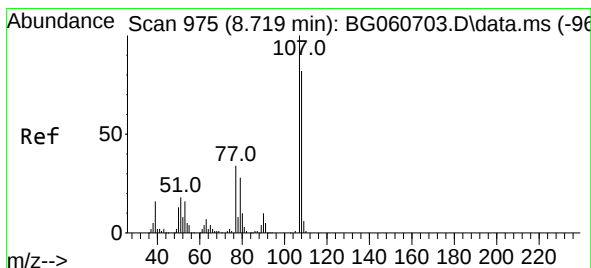
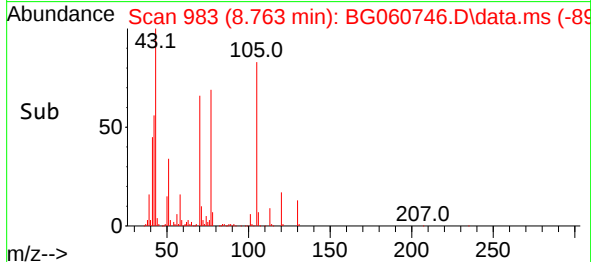
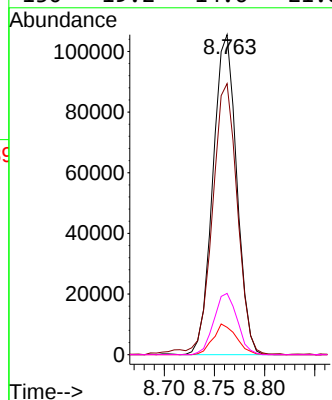
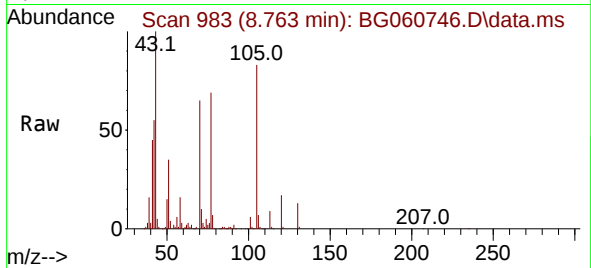




#19
n-Nitroso-di-n-propylamine
Concen: 37.532 ng
RT: 8.763 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

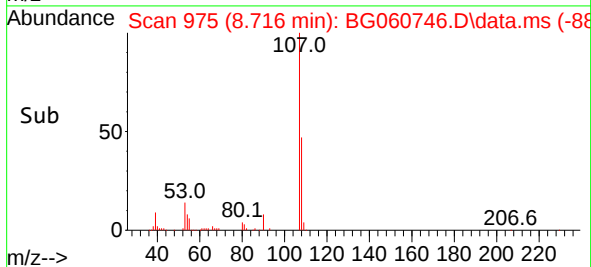
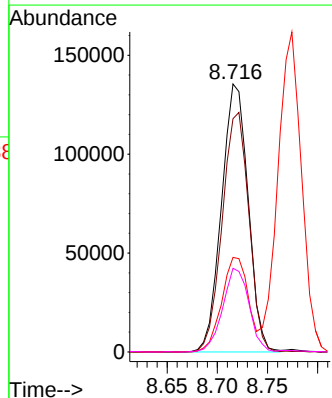
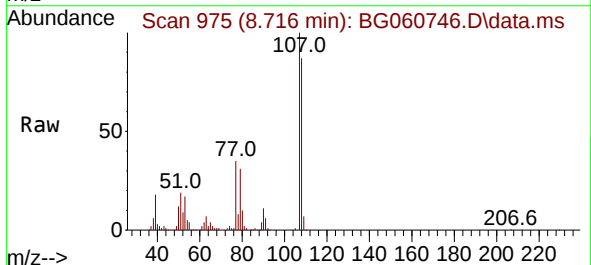
Instrument :
BNA_G
ClientSampleId :
72-11991MS

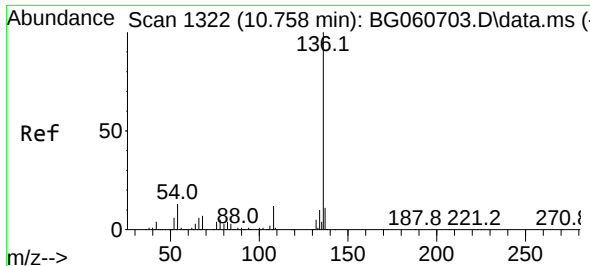
Tgt Ion: 70 Resp: 174163
Ion Ratio Lower Upper
70 100
42 84.7 68.4 102.6
101 8.5 6.1 9.1
130 19.2 14.6 21.8



#20
3+4-Methylphenols
Concen: 38.910 ng
RT: 8.716 min Scan# 975
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion: 107 Resp: 249797
Ion Ratio Lower Upper
107 100
108 87.0 62.2 102.2
77 35.3 14.1 54.1
79 31.2 7.7 47.7

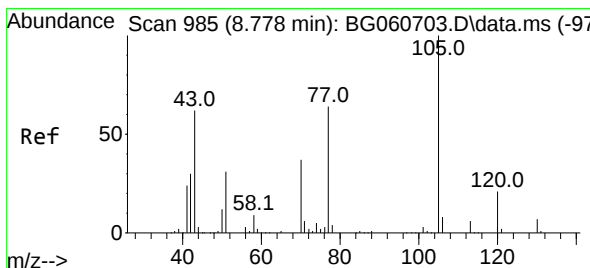
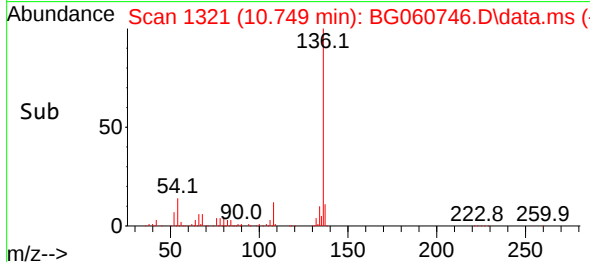
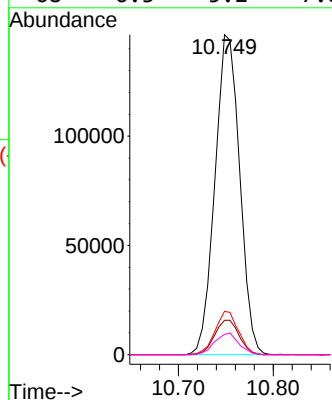
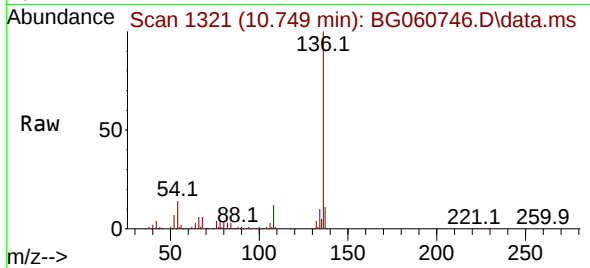




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.749 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

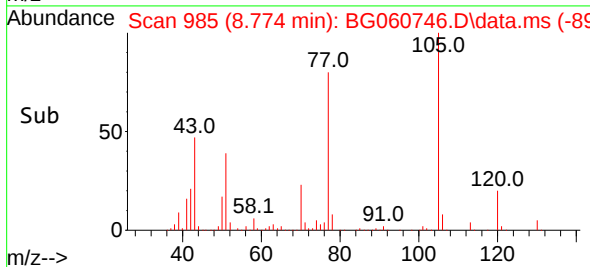
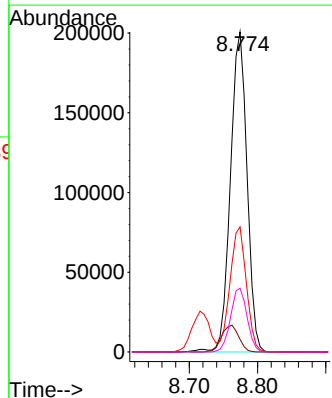
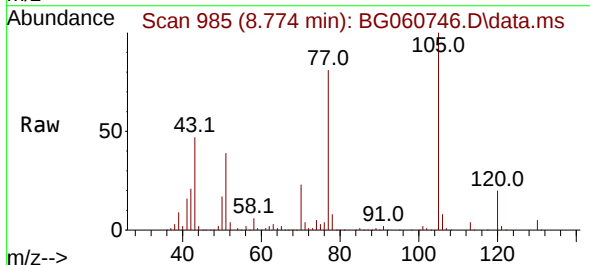
Instrument :
BNA_G
ClientSampleId :
72-11991MS

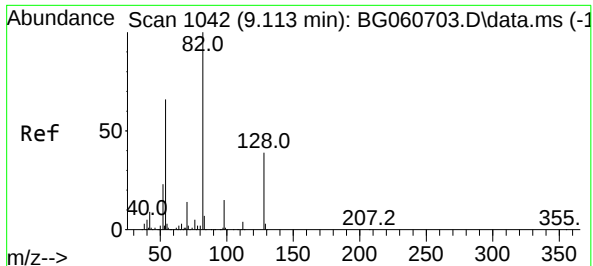
Tgt Ion:136 Resp: 266041
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 13.6 10.2 15.2
68 6.3 5.2 7.8



#22
Acetophenone
Concen: 46.241 ng
RT: 8.774 min Scan# 985
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion:105 Resp: 339209
Ion Ratio Lower Upper
105 100
71 4.0 4.9 7.3#
51 39.1 31.1 46.7
120 19.9 17.0 25.4





#23

Nitrobenzene-d5

Concen: 99.970 ng

RT: 9.109 min Scan# 1042

Delta R.T. -0.004 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

72-11991MS

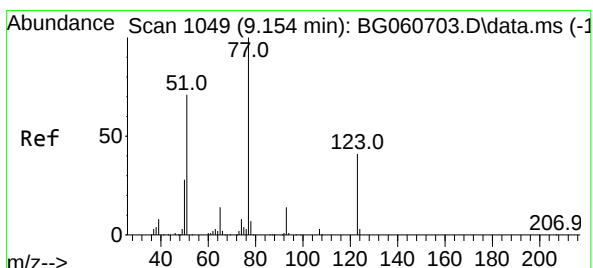
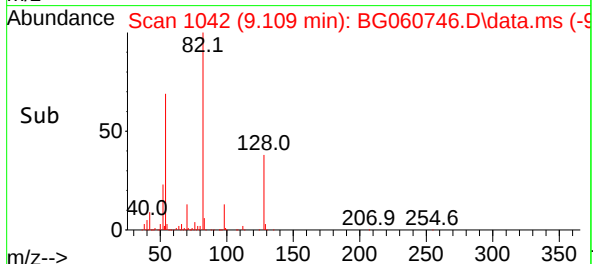
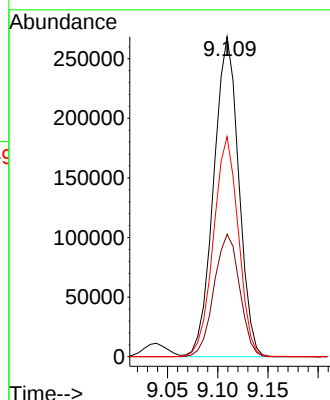
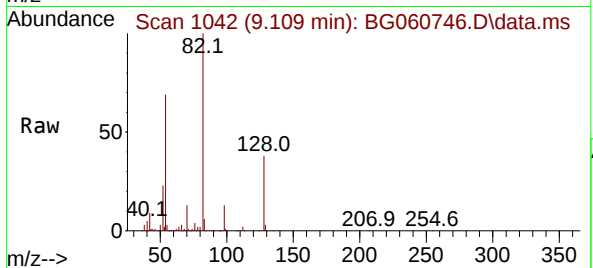
Tgt Ion: 82 Resp: 466093

Ion Ratio Lower Upper

82 100

128 38.3 31.2 46.8

54 68.8 53.2 79.8



#24

Nitrobenzene

Concen: 44.990 ng

RT: 9.150 min Scan# 1049

Delta R.T. -0.004 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

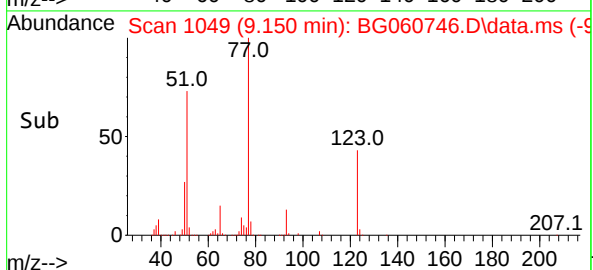
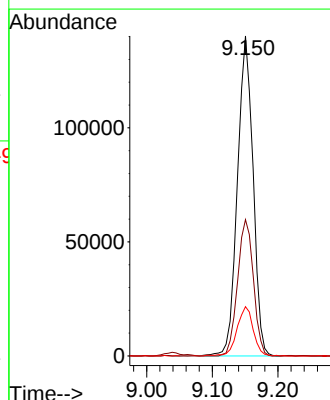
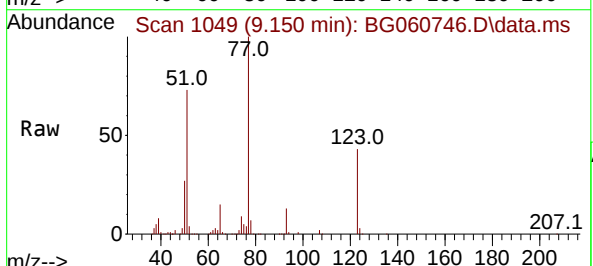
Tgt Ion: 77 Resp: 232530

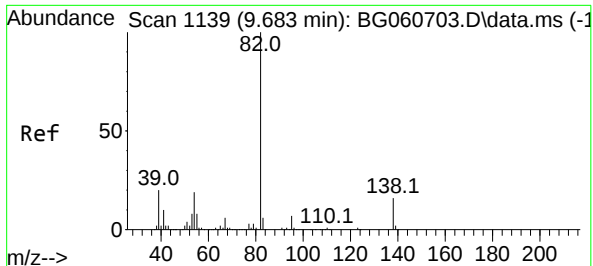
Ion Ratio Lower Upper

77 100

123 42.6 32.7 49.1

65 15.4 11.3 16.9

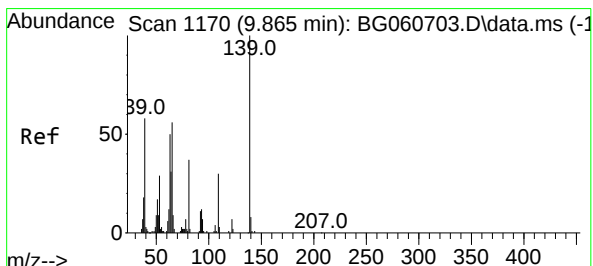
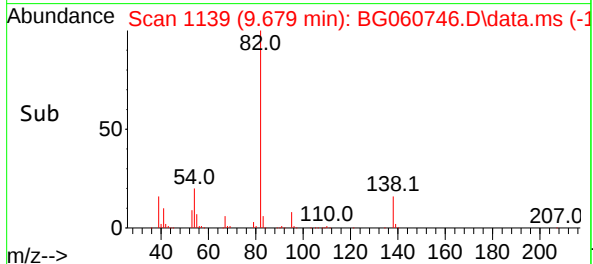
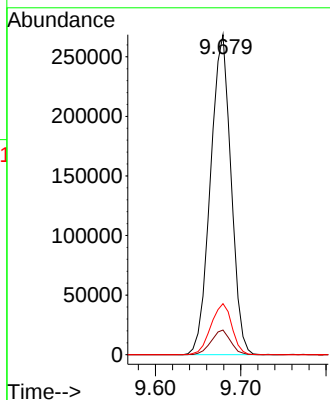
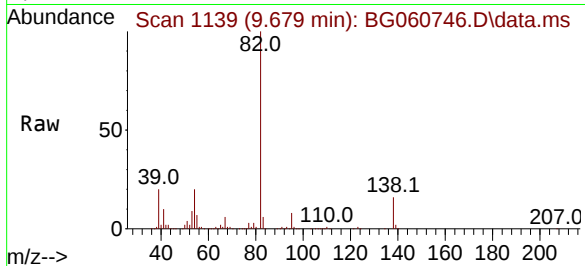




#25
Isophorone
Concen: 41.798 ng
RT: 9.679 min Scan# 1139
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

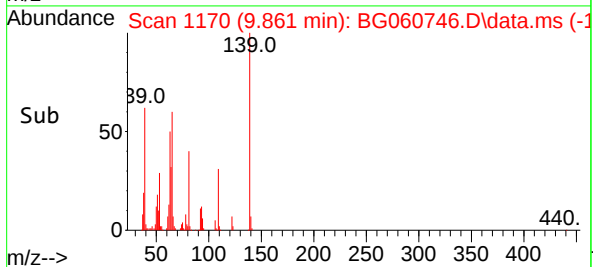
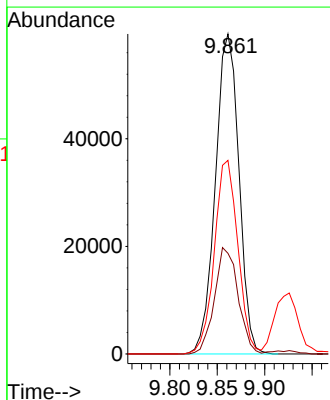
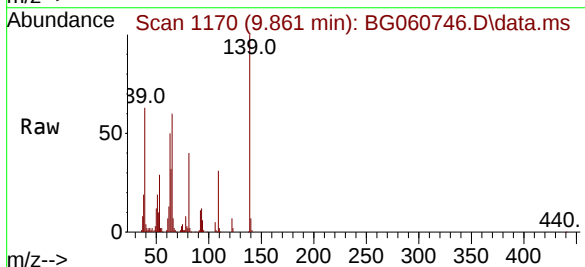
Instrument :
BNA_G
ClientSampleId :
72-11991MS

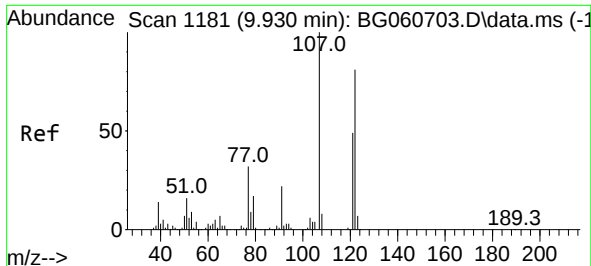
Tgt Ion: 82 Resp: 448855
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.8
138 15.9 13.0 19.4



#26
2-Nitrophenol
Concen: 54.936 ng
RT: 9.861 min Scan# 1170
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion:139 Resp: 102824
Ion Ratio Lower Upper
139 100
109 31.4 23.9 35.9
65 60.5 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 36.892 ng

RT: 9.926 min Scan# 1181

Delta R.T. -0.004 min

Lab File: BG060746.D

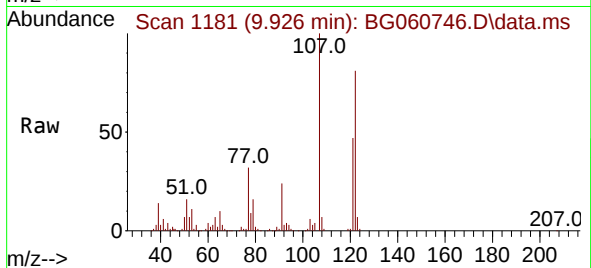
Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

72-11991MS



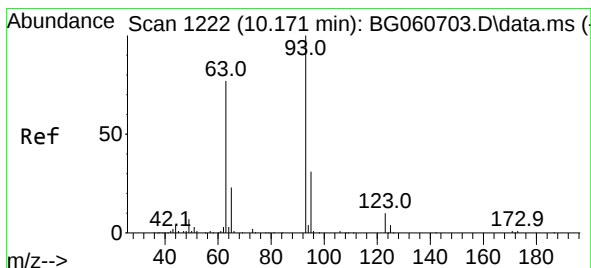
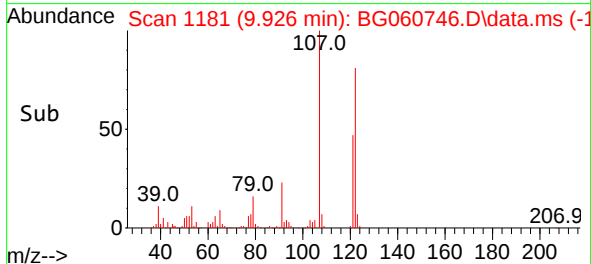
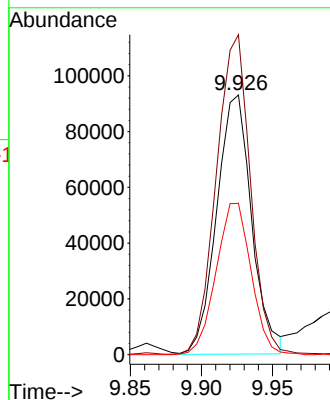
Tgt Ion:122 Resp: 159143

Ion Ratio Lower Upper

122 100

107 123.2 98.6 147.8

121 58.3 48.1 72.1



#28

bis(2-Chloroethoxy)methane

Concen: 42.455 ng

RT: 10.161 min Scan# 1221

Delta R.T. -0.010 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

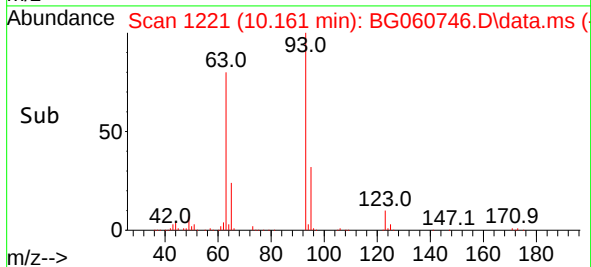
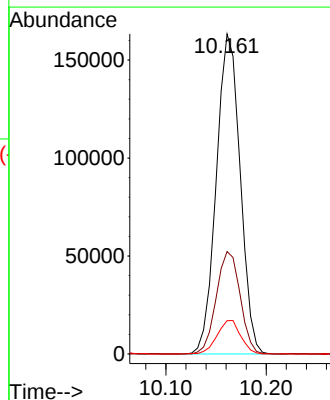
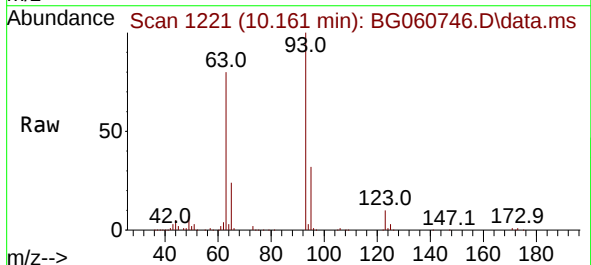
Tgt Ion: 93 Resp: 269163

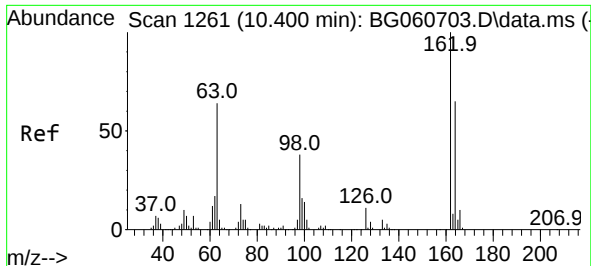
Ion Ratio Lower Upper

93 100

95 32.0 25.1 37.7

123 10.4 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 51.697 ng

RT: 10.396 min Scan# 1261

Delta R.T. -0.004 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

72-11991MS

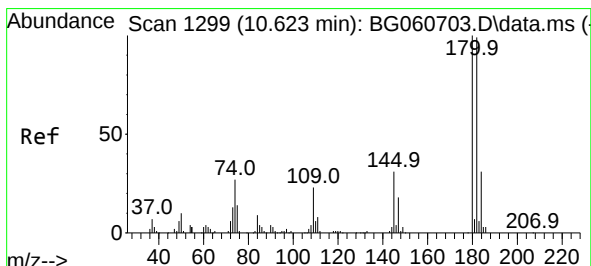
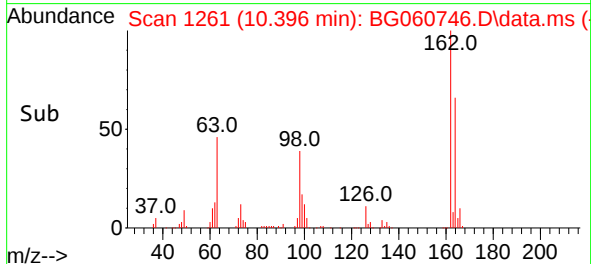
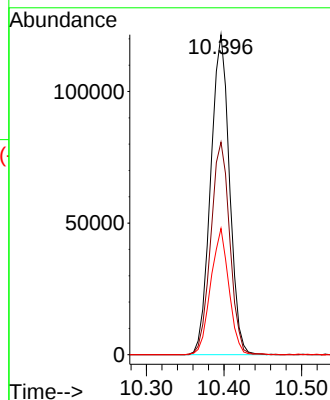
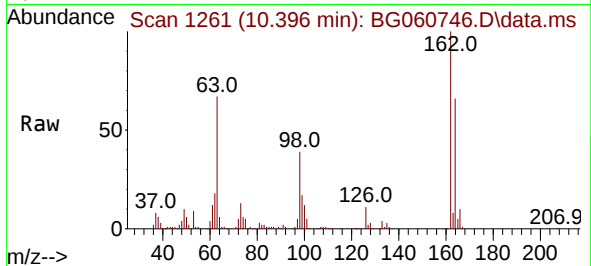
Tgt Ion:162 Resp: 204786

Ion Ratio Lower Upper

162 100

164 66.4 45.2 85.2

98 39.4 17.7 57.7



#30

1,2,4-Trichlorobenzene

Concen: 48.834 ng

RT: 10.613 min Scan# 1298

Delta R.T. -0.010 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

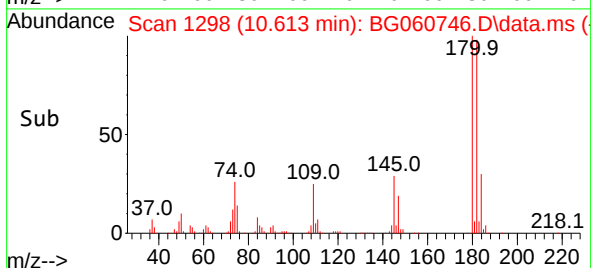
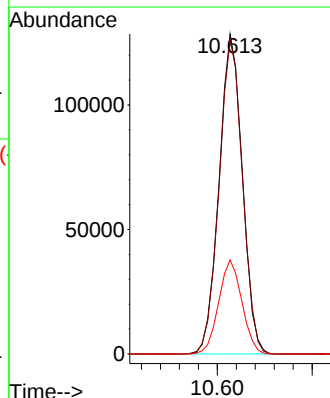
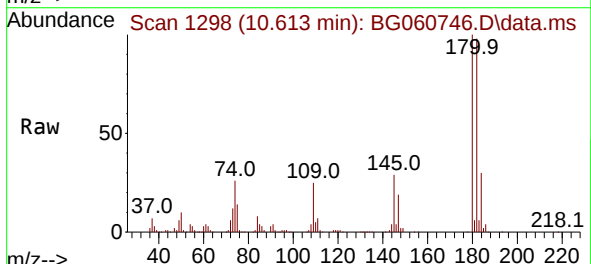
Tgt Ion:180 Resp: 219044

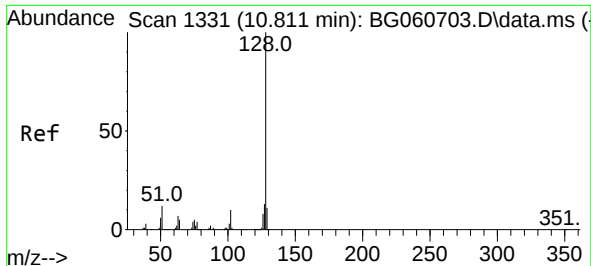
Ion Ratio Lower Upper

180 100

182 98.2 79.0 118.4

145 29.4 24.9 37.3

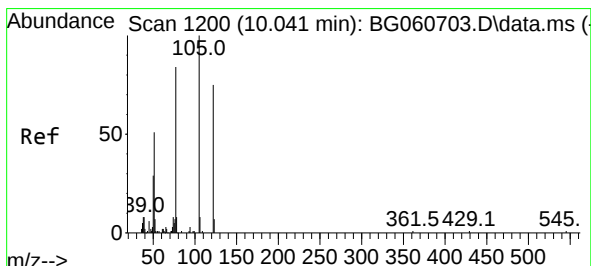
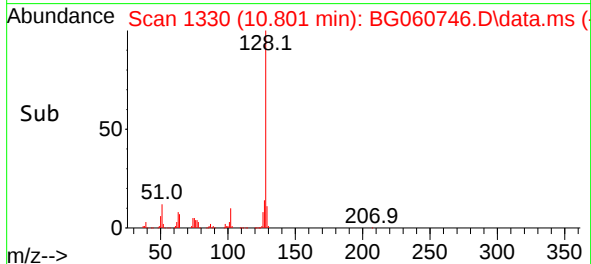
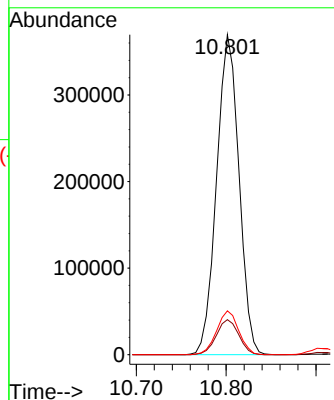
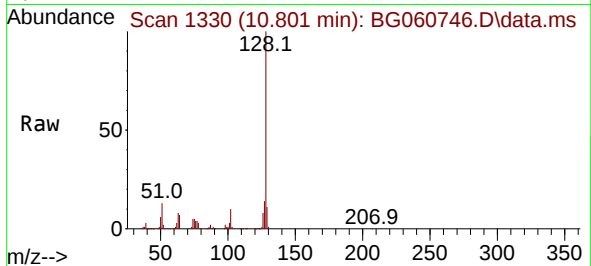




#31
Naphthalene
Concen: 44.447 ng
RT: 10.801 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

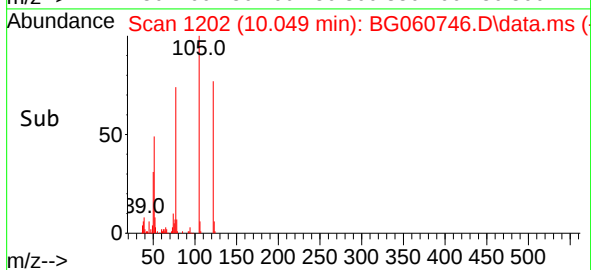
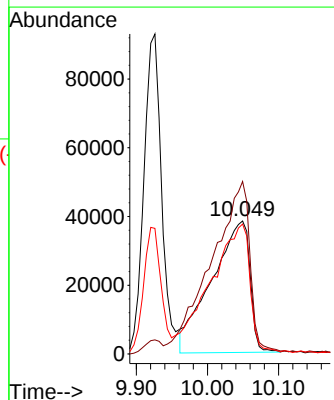
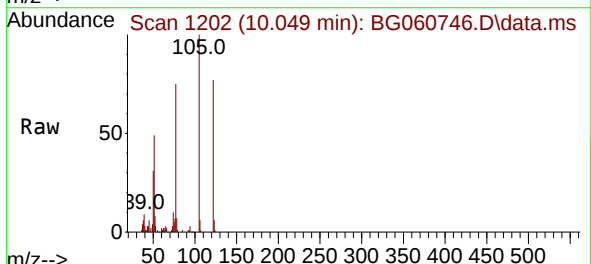
Instrument :
BNA_G
ClientSampleId :
72-11991MS

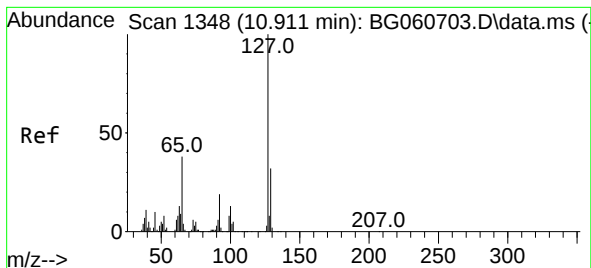
Tgt Ion:128 Resp: 639649
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.7 10.5 15.7



#32
Benzoic acid
Concen: 49.647 ng
RT: 10.049 min Scan# 1202
Delta R.T. 0.008 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion:122 Resp: 143276
Ion Ratio Lower Upper
122 100
105 129.7 104.5 144.5
77 97.7 85.3 125.3

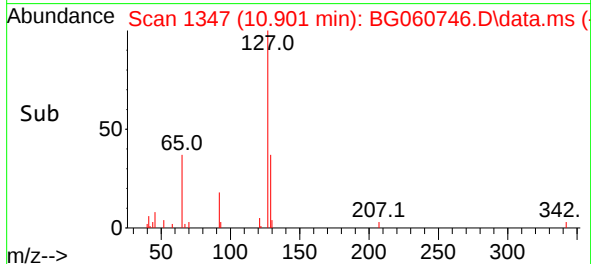
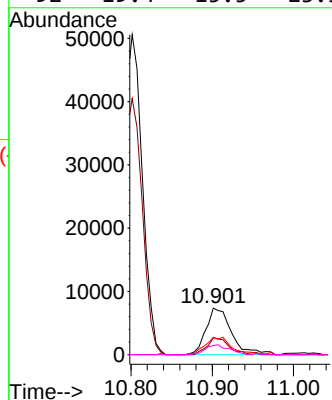
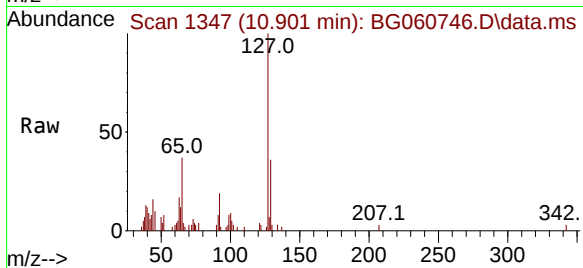




#33
4-Chloroaniline
Concen: 2.401 ng
RT: 10.901 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

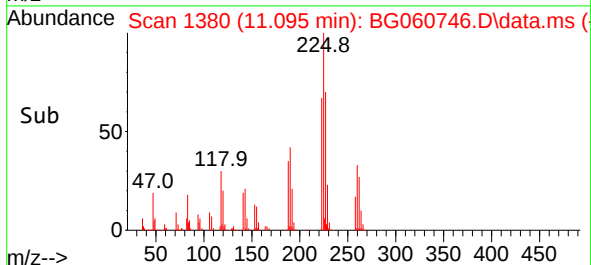
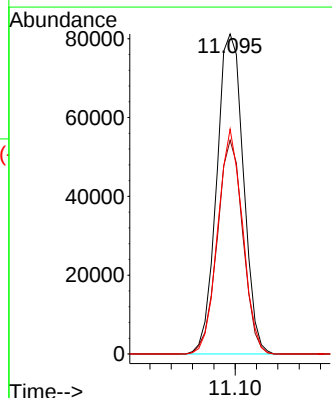
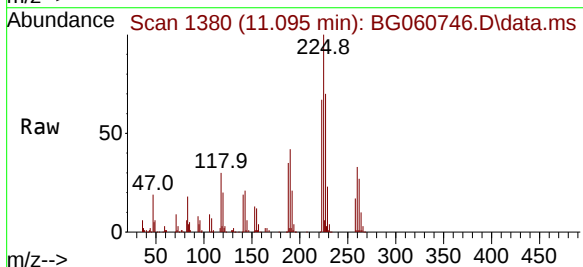
Instrument :
BNA_G
ClientSampleId :
72-11991MS

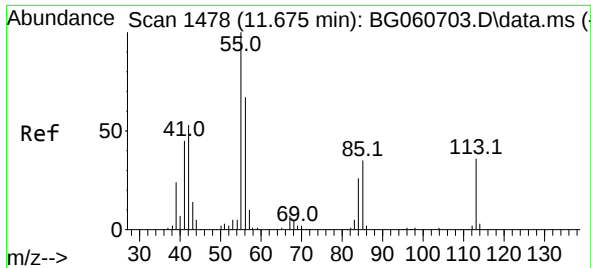
Tgt Ion:127	Resp:	16046
Ion	Ratio	Lower Upper
127	100	
129	36.4	25.3 37.9
65	37.3	30.2 45.2
92	19.4	15.5 23.3



#34
Hexachlorobutadiene
Concen: 47.162 ng
RT: 11.095 min Scan# 1380
Delta R.T. -0.010 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion:225	Resp:	140985
Ion	Ratio	Lower Upper
225	100	
223	66.8	52.0 78.0
227	70.3	52.5 78.7

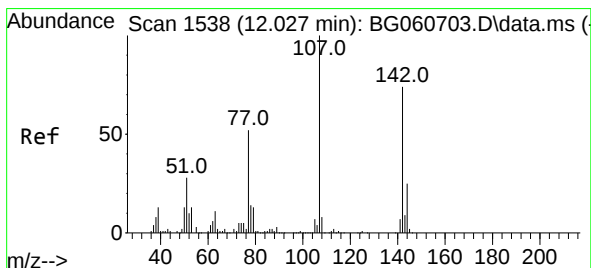
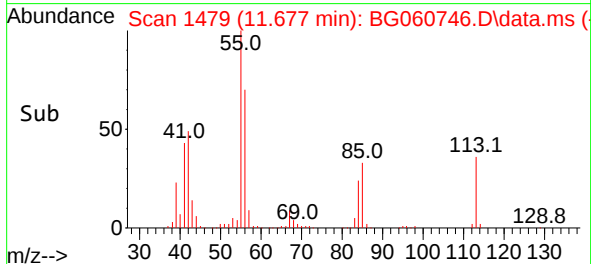
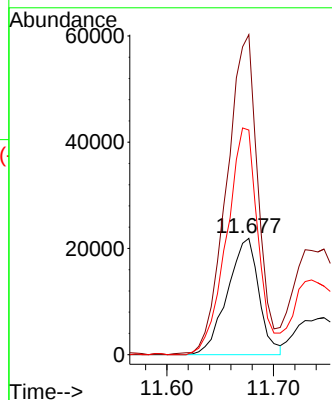
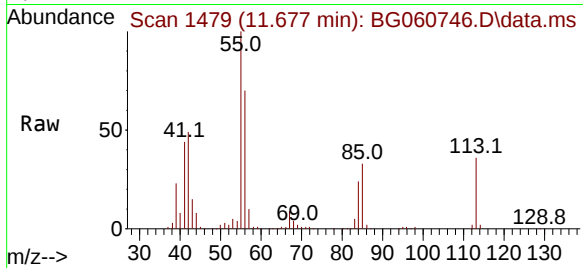




#35
 Caprolactam
 Concen: 28.693 ng
 RT: 11.677 min Scan# 1478
 Delta R.T. 0.002 min
 Lab File: BG060746.D
 Acq: 2 Apr 2024 20:46

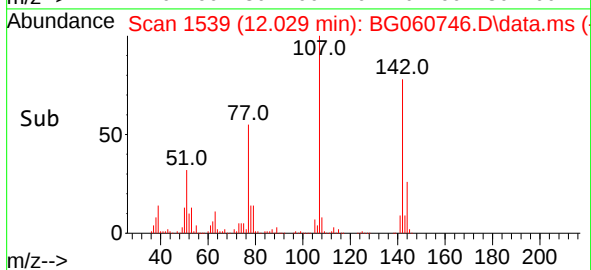
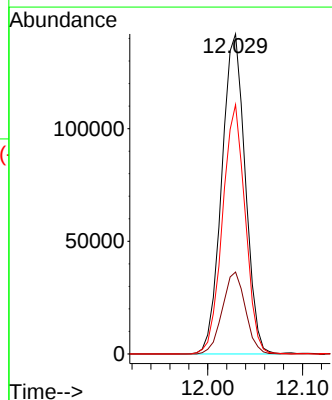
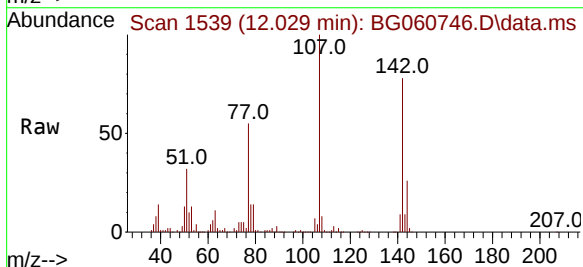
Instrument :
 BNA_G
 ClientSampleId :
 72-11991MS

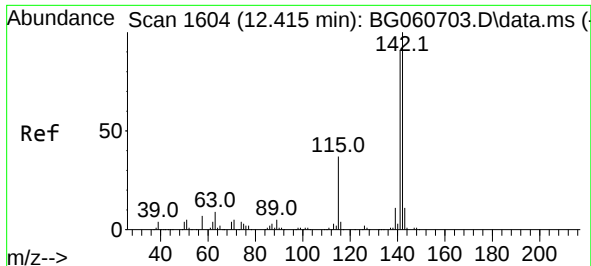
Tgt Ion:113 Resp: 45016
 Ion Ratio Lower Upper
 113 100
 55 275.0 258.0 298.0
 56 193.0 166.3 206.3



#36
 4-Chloro-3-methylphenol
 Concen: 48.379 ng
 RT: 12.029 min Scan# 1539
 Delta R.T. 0.002 min
 Lab File: BG060746.D
 Acq: 2 Apr 2024 20:46

Tgt Ion:107 Resp: 244812
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.0 30.0
 142 77.9 59.2 88.8

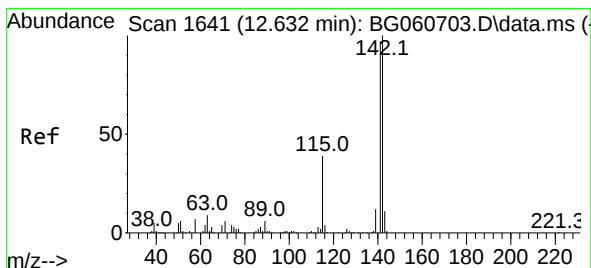
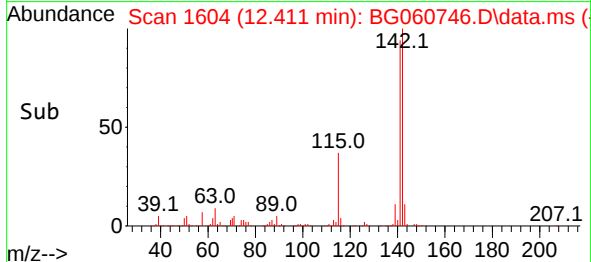
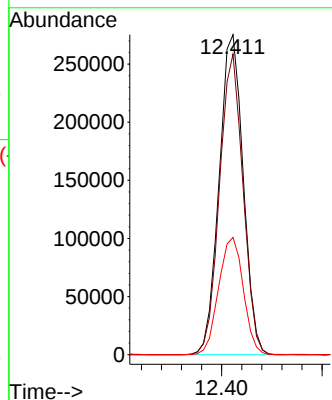
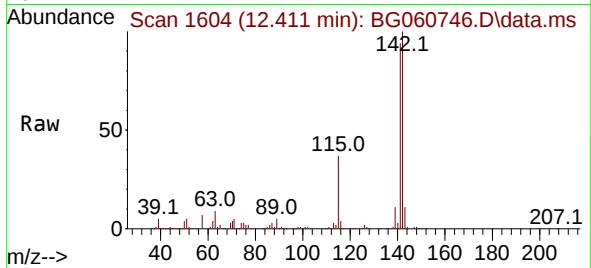




#37
2-Methylnaphthalene
Concen: 43.194 ng
RT: 12.411 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

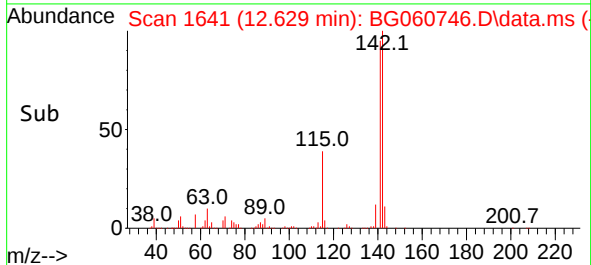
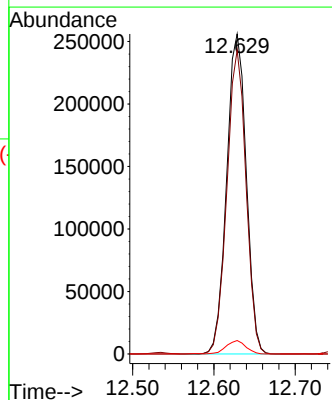
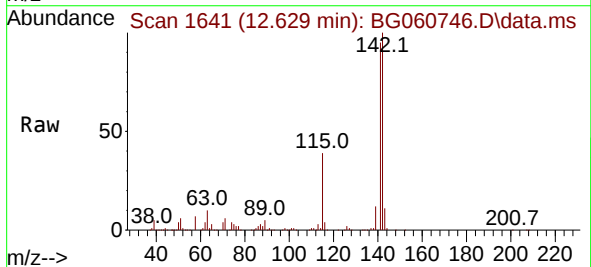
Instrument :
BNA_G
ClientSampleId :
72-11991MS

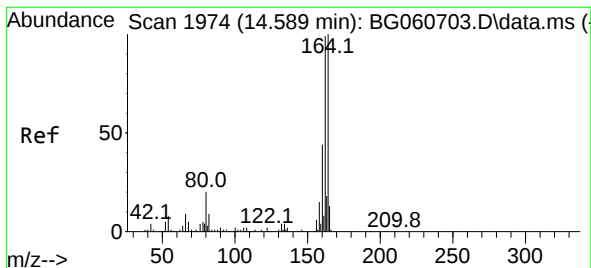
Tgt Ion:142 Resp: 457002
Ion Ratio Lower Upper
142 100
141 93.9 72.7 109.1
115 36.7 29.9 44.9



#38
1-Methylnaphthalene
Concen: 42.919 ng
RT: 12.629 min Scan# 1641
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion:142 Resp: 428982
Ion Ratio Lower Upper
142 100
141 95.0 77.7 116.5
116 4.2 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.585 min Scan# 1974

Delta R.T. -0.004 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

72-11991MS

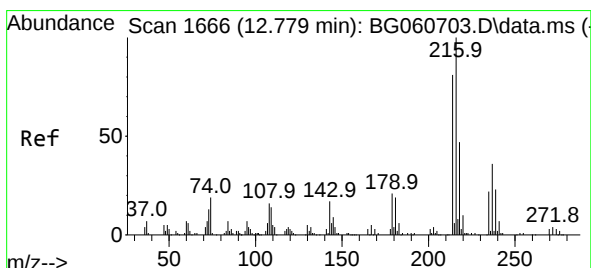
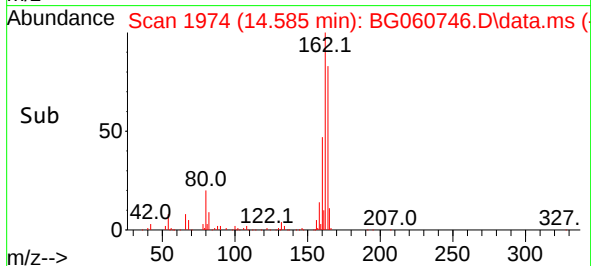
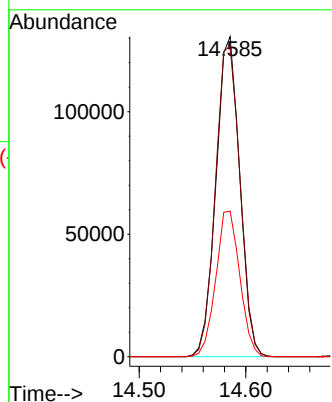
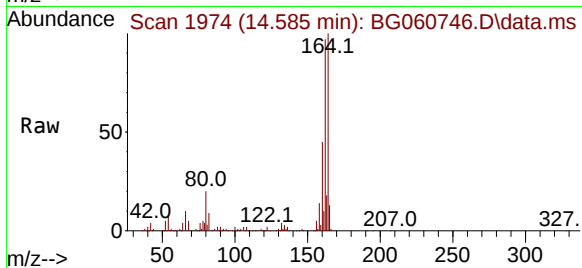
Tgt Ion:164 Resp: 202104

Ion Ratio Lower Upper

164 100

162 97.2 79.5 119.3

160 45.5 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.535 ng

RT: 12.776 min Scan# 1666

Delta R.T. -0.004 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

Tgt Ion:216 Resp: 270382

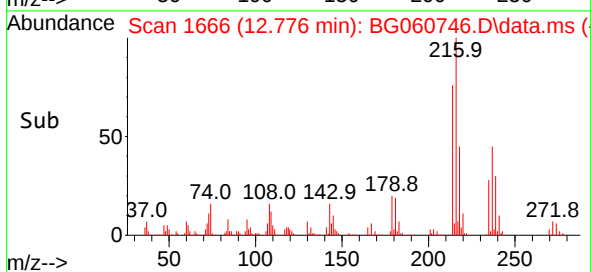
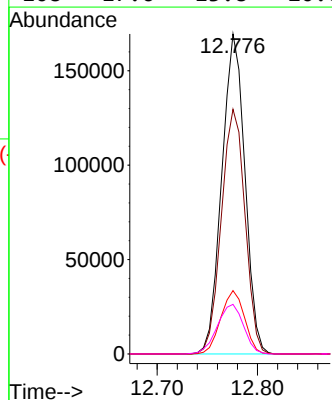
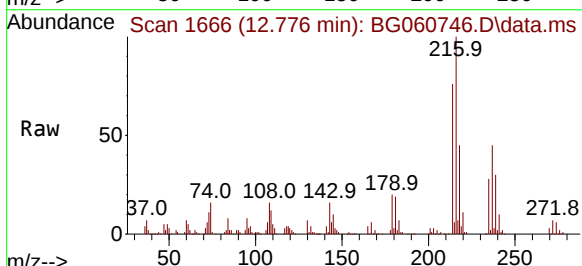
Ion Ratio Lower Upper

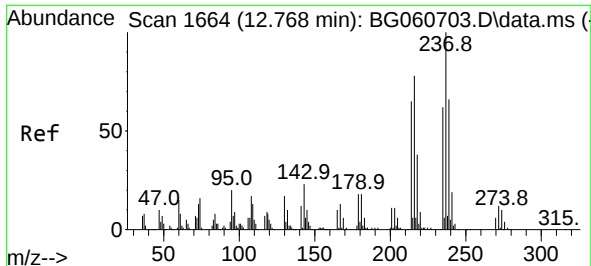
216 100

214 78.2 63.1 94.7

179 20.3 16.7 25.1

108 17.6 13.8 20.6

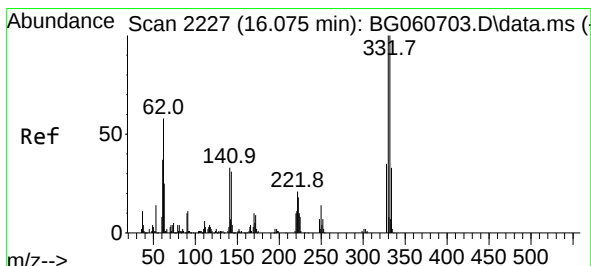
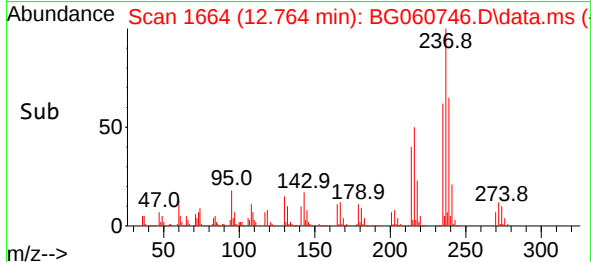
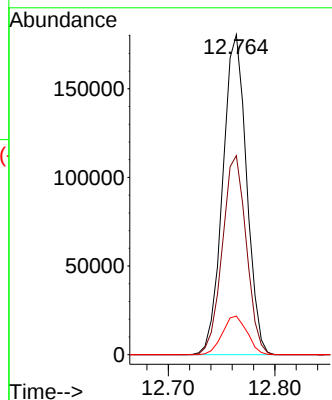
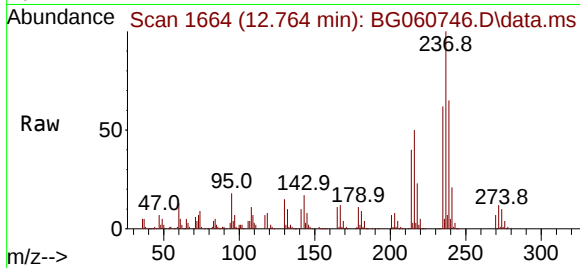




#41
Hexachlorocyclopentadiene
Concen: 94.733 ng
RT: 12.764 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

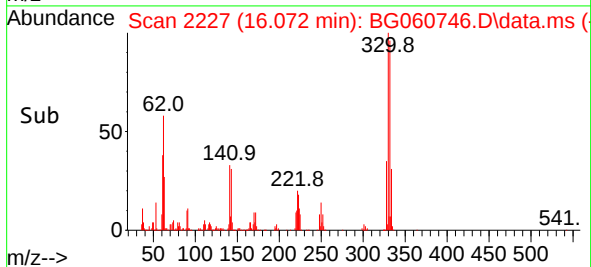
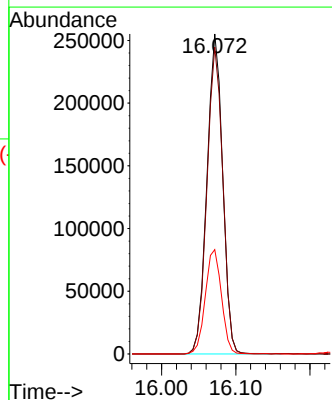
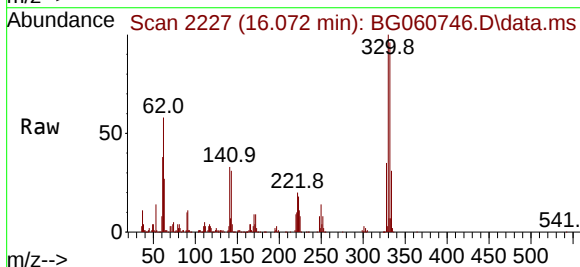
Instrument :
BNA_G
ClientSampleId :
72-11991MS

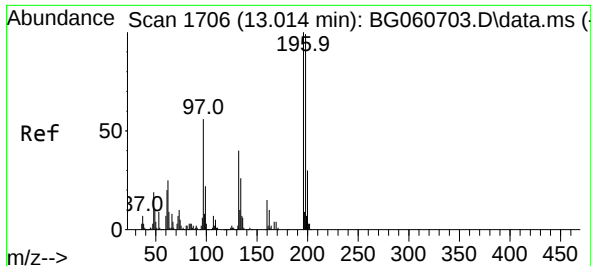
Tgt Ion:237 Resp: 279877
Ion Ratio Lower Upper
237 100
235 62.2 42.0 82.0
272 12.0 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 163.854 ng
RT: 16.072 min Scan# 2227
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion:330 Resp: 375916
Ion Ratio Lower Upper
330 100
332 96.9 78.2 117.4
141 33.6 27.0 40.6

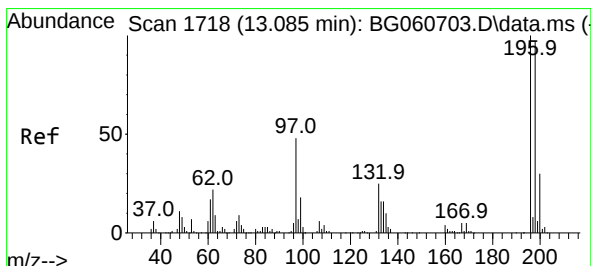
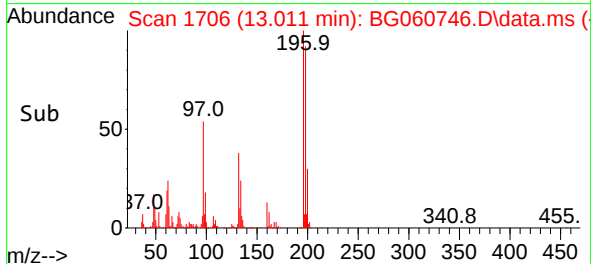
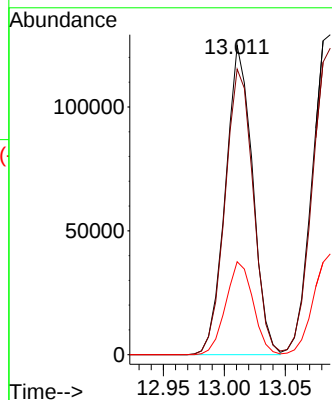
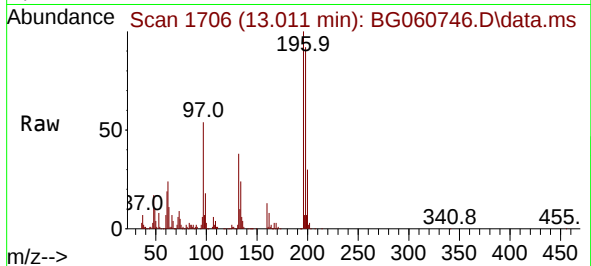




#43
2,4,6-Trichlorophenol
Concen: 51.695 ng
RT: 13.011 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

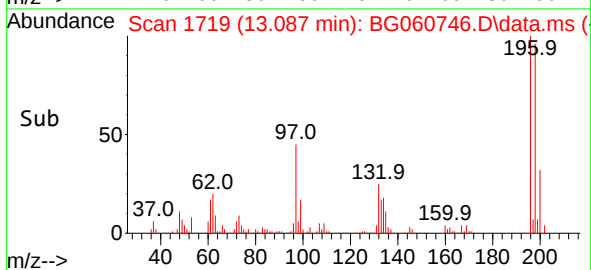
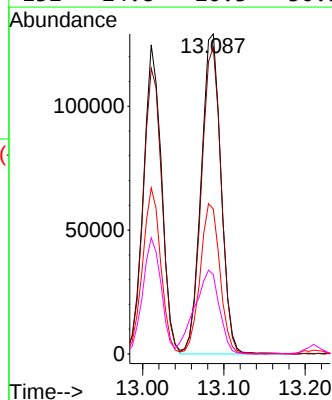
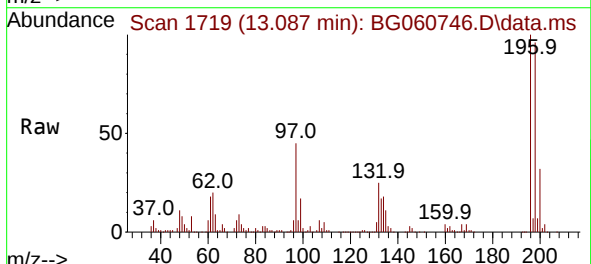
Instrument :
BNA_G
ClientSampleId :
72-11991MS

Tgt Ion:196 Resp: 193406
Ion Ratio Lower Upper
196 100
198 92.4 79.1 118.7
200 30.1 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 49.038 ng
RT: 13.087 min Scan# 1719
Delta R.T. 0.002 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion:196 Resp: 218946
Ion Ratio Lower Upper
196 100
198 95.8 77.8 116.8
97 45.3 38.2 57.4
132 24.8 20.3 30.5

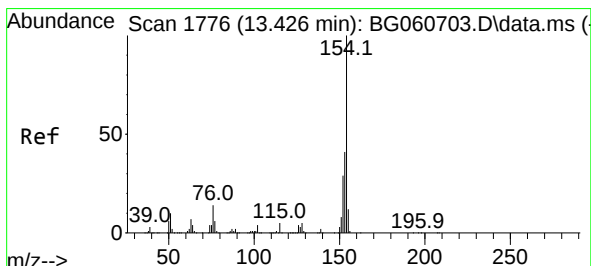
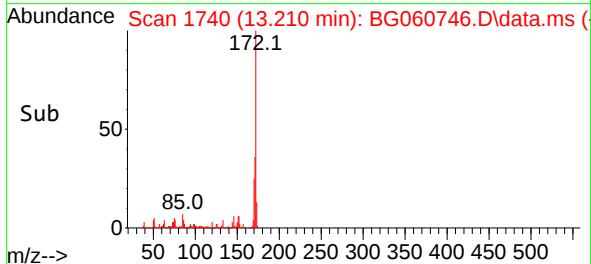
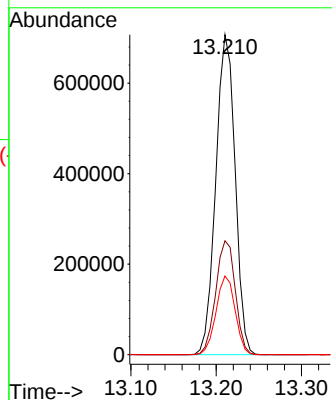
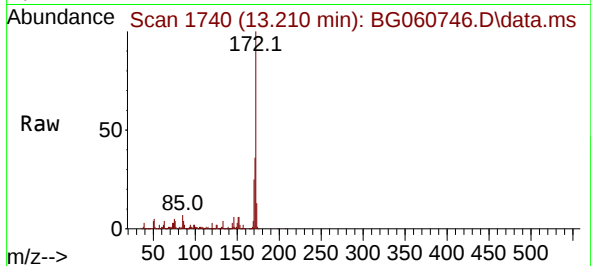




#45
2-Fluorobiphenyl
Concen: 80.723 ng
RT: 13.210 min Scan# 1740
Delta R.T. -0.010 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

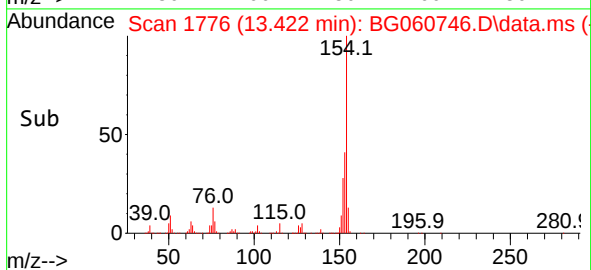
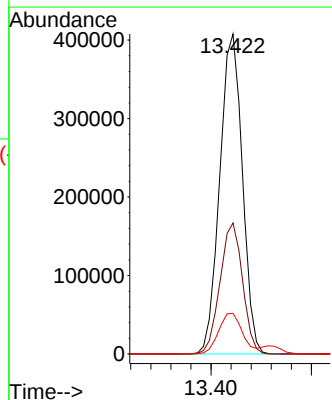
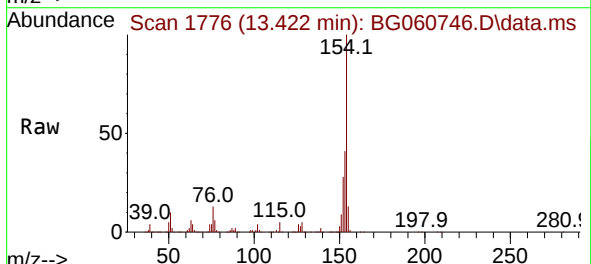
Instrument :
BNA_G
ClientSampleId :
72-11991MS

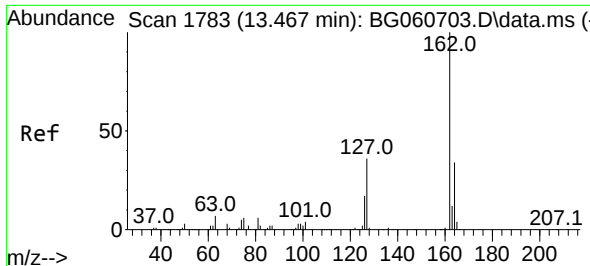
Tgt Ion:172 Resp: 1111625
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 24.6 19.4 29.0



#46
1,1'-Biphenyl
Concen: 44.551 ng
RT: 13.422 min Scan# 1776
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion:154 Resp: 635984
Ion Ratio Lower Upper
154 100
153 40.9 20.8 60.8
76 12.7 0.0 33.9

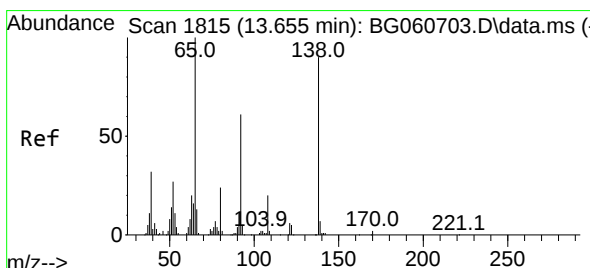
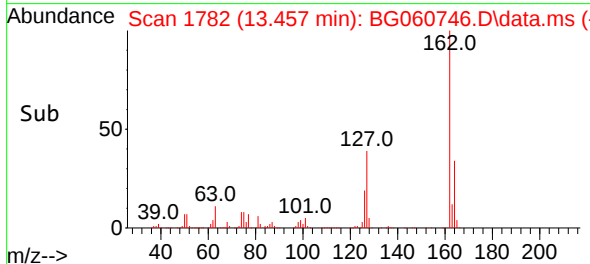
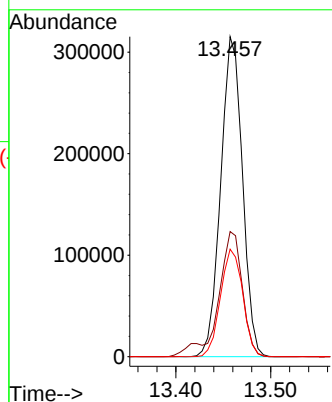
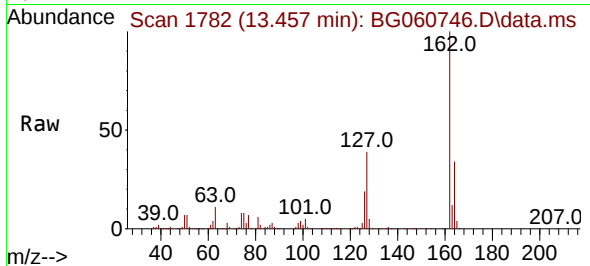




#47
2-Chloronaphthalene
Concen: 46.324 ng
RT: 13.457 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

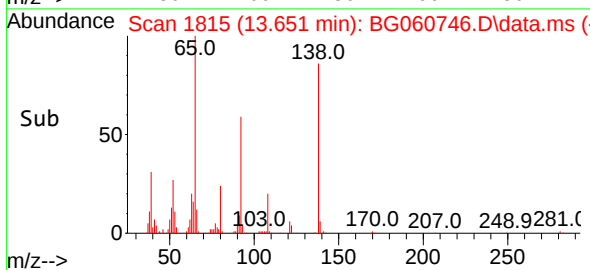
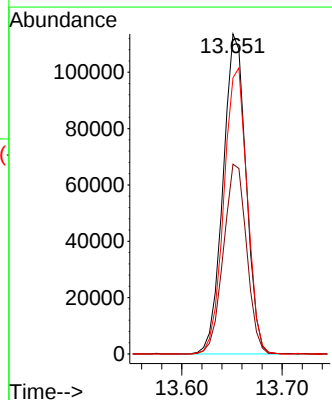
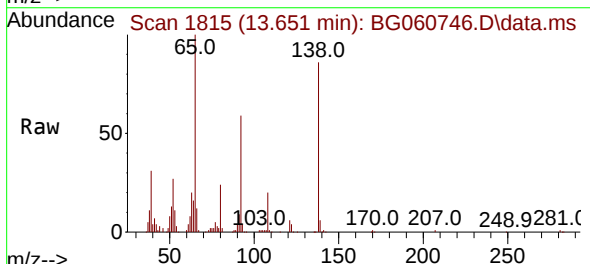
Instrument :
BNA_G
ClientSampleId :
72-11991MS

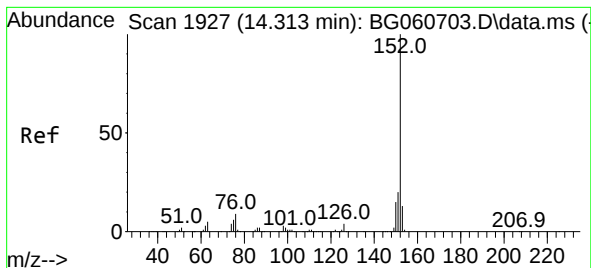
Tgt Ion:162 Resp: 502434
Ion Ratio Lower Upper
162 100
127 39.1 30.6 46.0
164 33.6 26.9 40.3



#48
2-Nitroaniline
Concen: 50.954 ng
RT: 13.651 min Scan# 1815
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion: 65 Resp: 181100
Ion Ratio Lower Upper
65 100
92 59.3 48.6 72.8
138 86.3 72.2 108.4





#49

Acenaphthylene

Concen: 48.145 ng

RT: 14.303 min Scan# 1927

Delta R.T. -0.010 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

72-11991MS

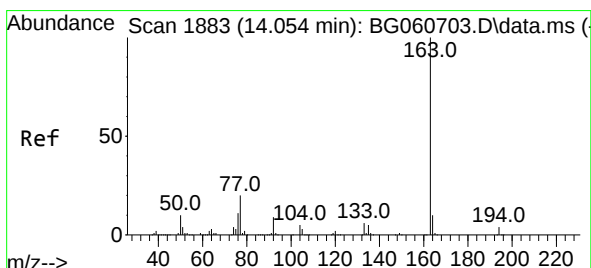
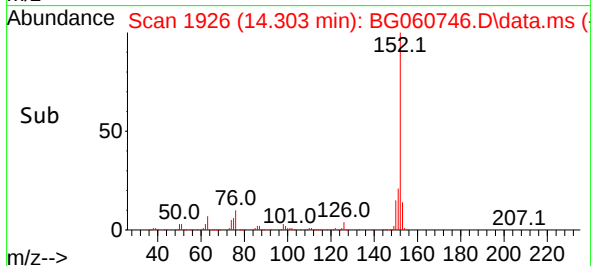
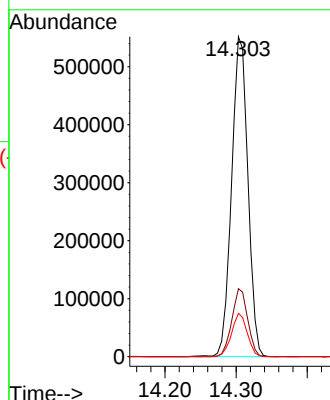
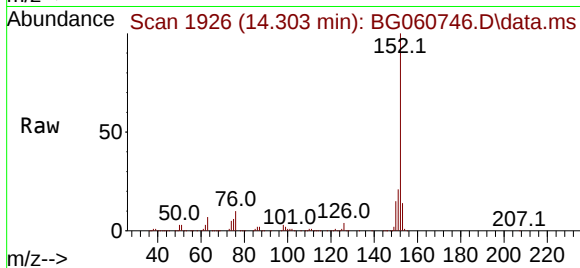
Tgt Ion:152 Resp: 877386

Ion Ratio Lower Upper

152 100

151 21.2 16.4 24.6

153 13.6 10.5 15.7



#50

Dimethylphthalate

Concen: 45.310 ng

RT: 14.045 min Scan# 1882

Delta R.T. -0.009 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

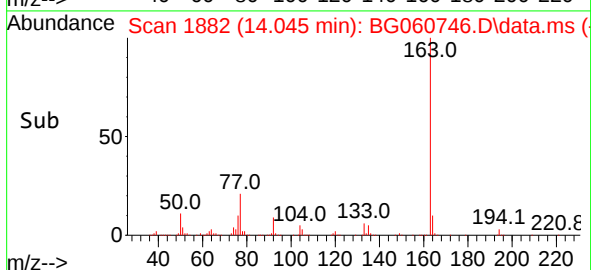
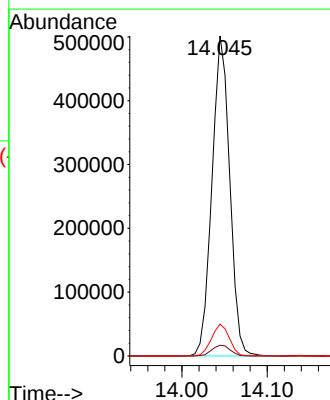
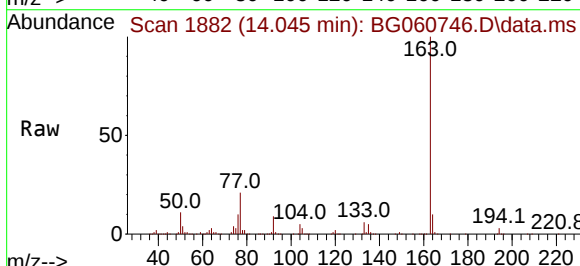
Tgt Ion:163 Resp: 723796

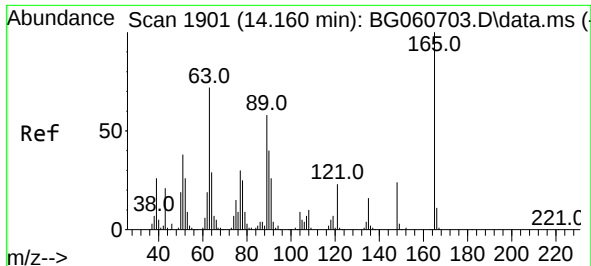
Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.6

164 9.9 7.9 11.9

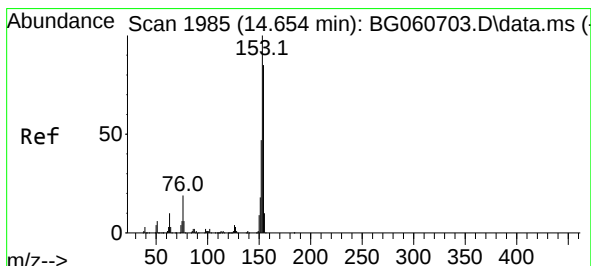
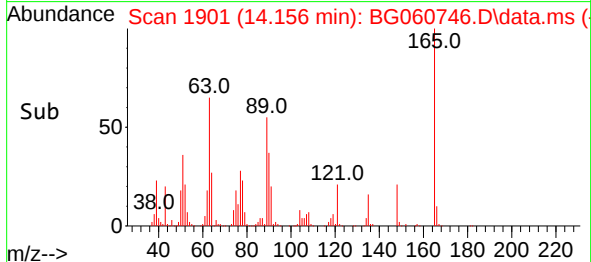
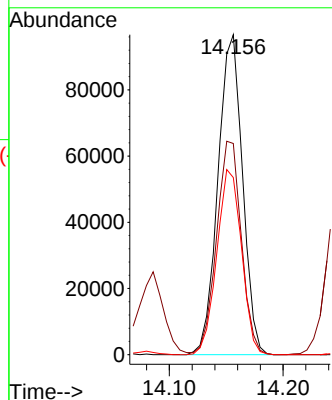
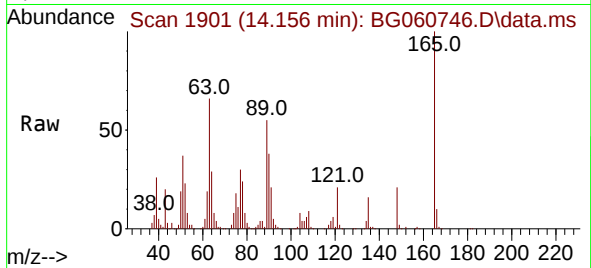




#51
2,6-Dinitrotoluene
Concen: 50.572 ng
RT: 14.156 min Scan# 1901
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

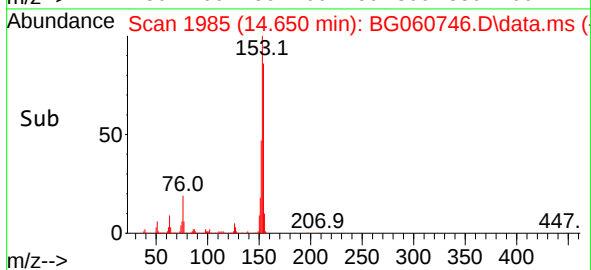
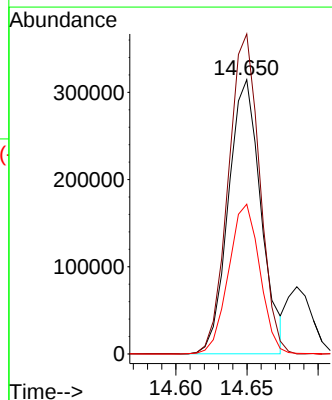
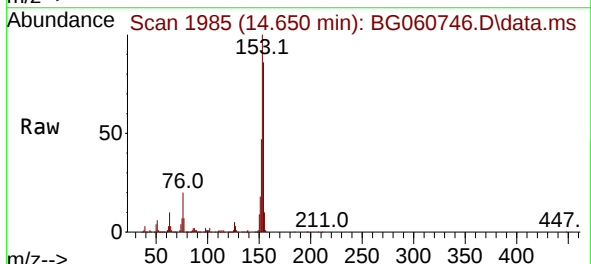
Instrument :
BNA_G
ClientSampleId :
72-11991MS

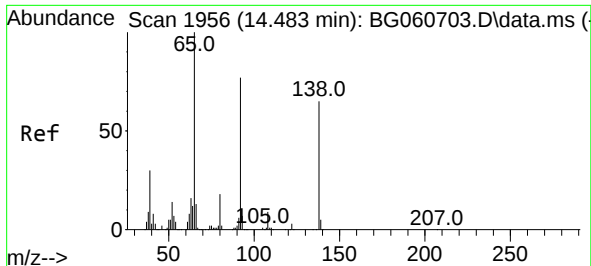
Tgt Ion:165 Resp: 145221
Ion Ratio Lower Upper
165 100
63 66.0 58.2 87.4
89 55.3 46.1 69.1



#52
Acenaphthene
Concen: 43.766 ng
RT: 14.650 min Scan# 1985
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion:154 Resp: 500779
Ion Ratio Lower Upper
154 100
153 116.7 93.9 140.9
152 54.6 44.1 66.1

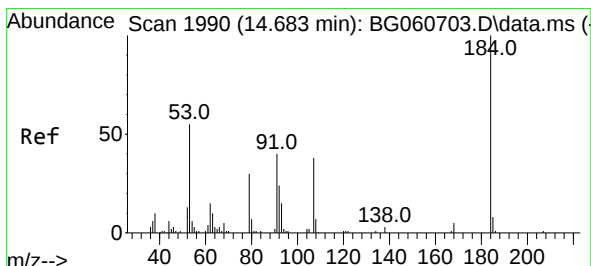
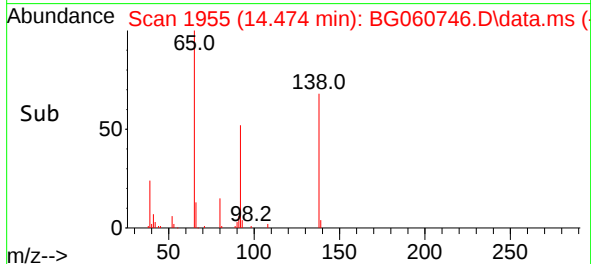
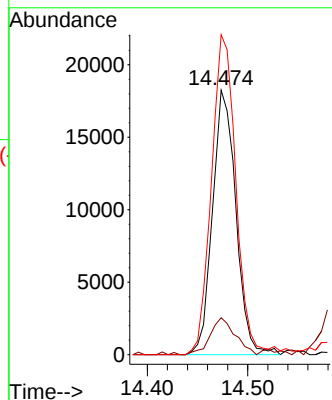
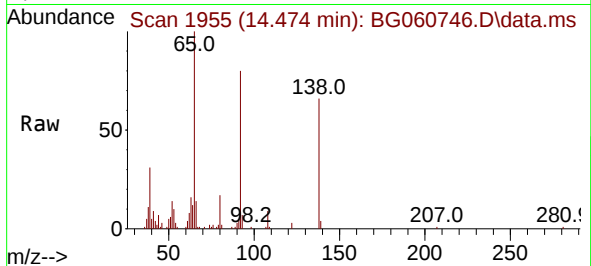




#53
3-Nitroaniline
Concen: 11.715 ng
RT: 14.474 min Scan# 1955
Delta R.T. -0.009 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

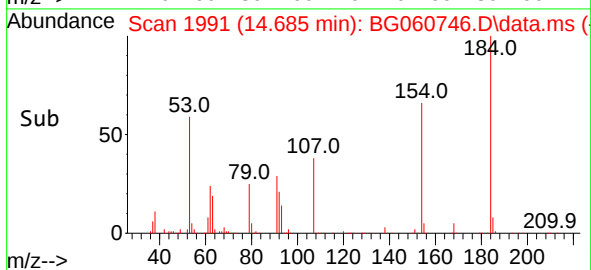
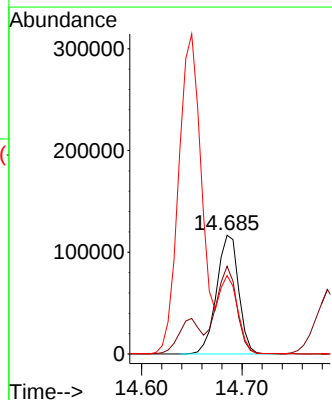
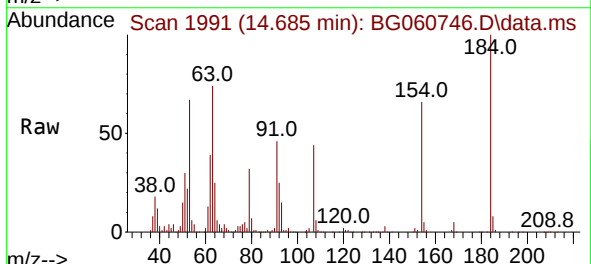
Instrument :
BNA_G
ClientSampleId :
72-11991MS

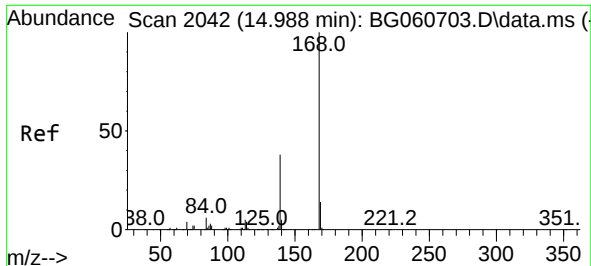
Tgt Ion:138 Resp: 29567
Ion Ratio Lower Upper
138 100
108 14.0 11.3 16.9
92 121.0 94.1 141.1



#54
2,4-Dinitrophenol
Concen: 159.775 ng
RT: 14.685 min Scan# 1991
Delta R.T. 0.002 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion:184 Resp: 177657
Ion Ratio Lower Upper
184 100
63 73.9 51.3 76.9
154 66.1 59.9 89.9

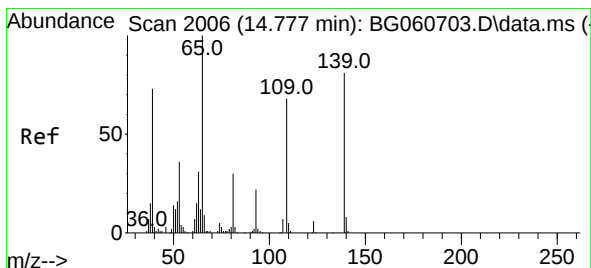
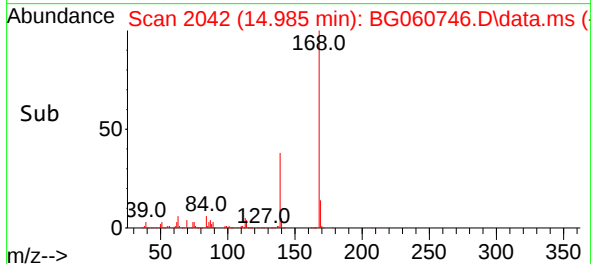
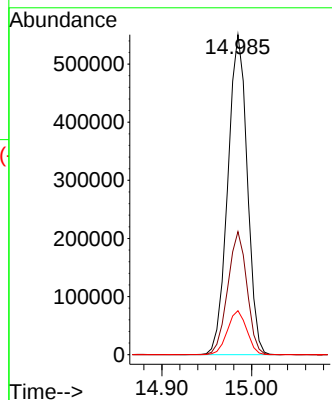
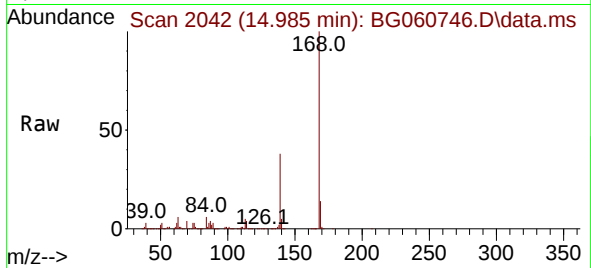




#55
Dibenzenofuran
Concen: 45.809 ng
RT: 14.985 min Scan# 2042
Delta R.T. -0.003 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

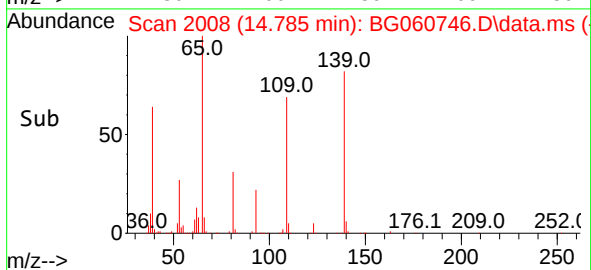
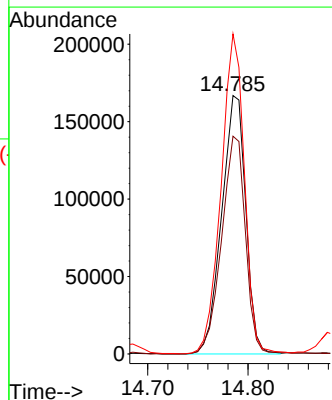
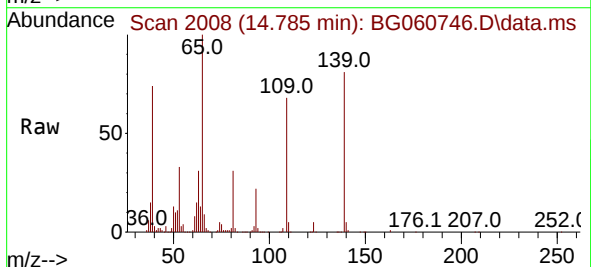
Instrument :
BNA_G
ClientSampleId :
72-11991MS

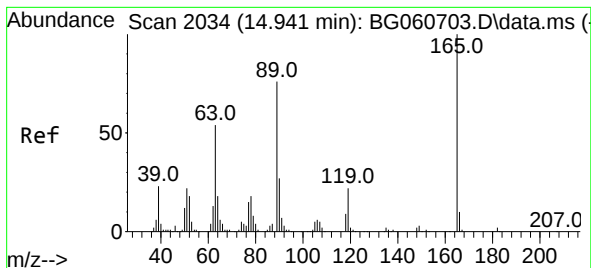
Tgt Ion:168 Resp: 826780
Ion Ratio Lower Upper
168 100
139 38.5 30.1 45.1
169 13.8 11.0 16.4



#56
4-Nitrophenol
Concen: 118.957 ng
RT: 14.785 min Scan# 2008
Delta R.T. 0.008 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion:139 Resp: 277800
Ion Ratio Lower Upper
139 100
109 84.3 64.0 104.0
65 123.9 104.3 144.3

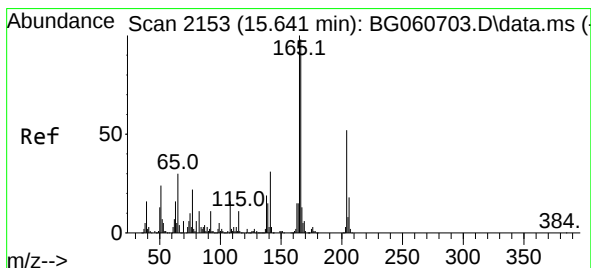
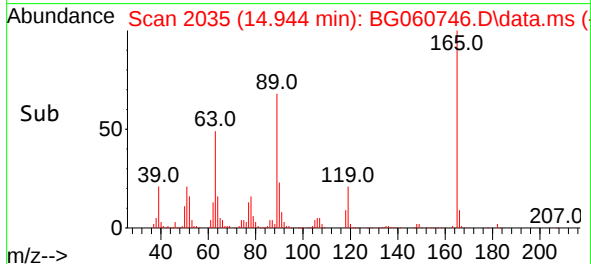
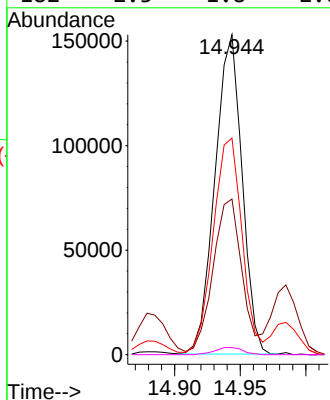
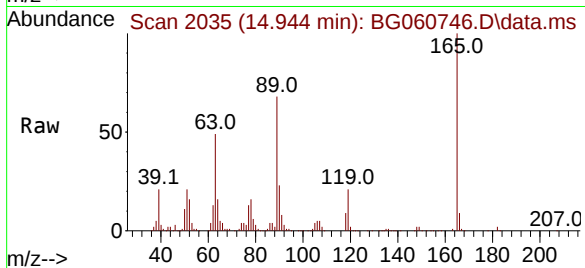




#57
2,4-Dinitrotoluene
Concen: 57.757 ng
RT: 14.944 min Scan# 2034
Delta R.T. 0.003 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

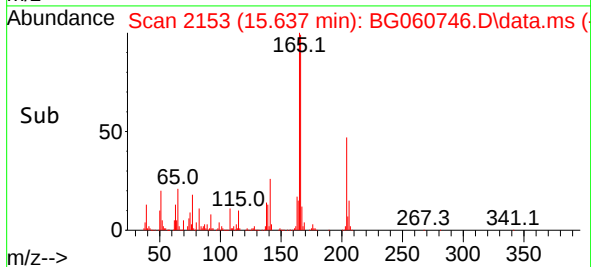
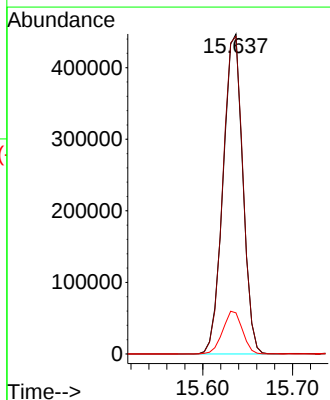
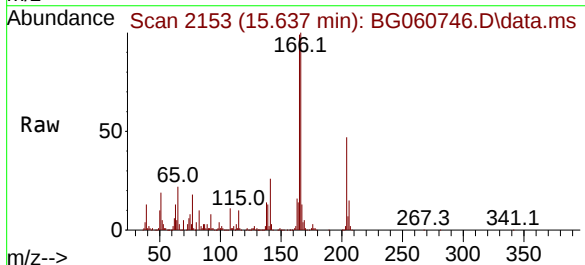
Instrument :
BNA_G
ClientSampleId :
72-11991MS

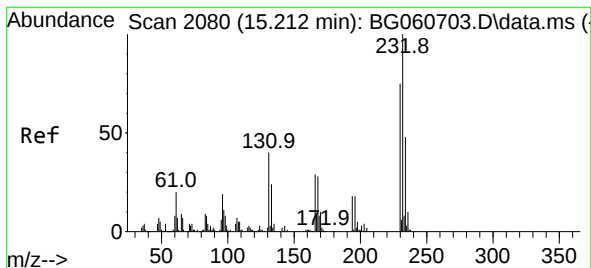
Tgt Ion:165 Resp: 219688
Ion Ratio Lower Upper
165 100
63 48.7 43.4 65.0
89 67.7 61.0 91.6
182 2.3 1.8 2.6



#58
Fluorene
Concen: 46.915 ng
RT: 15.637 min Scan# 2153
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion:166 Resp: 679567
Ion Ratio Lower Upper
166 100
165 99.3 81.8 122.8
167 12.9 10.9 16.3

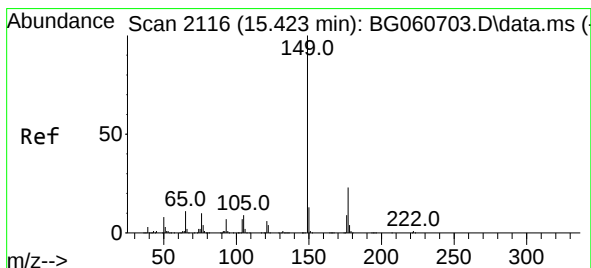
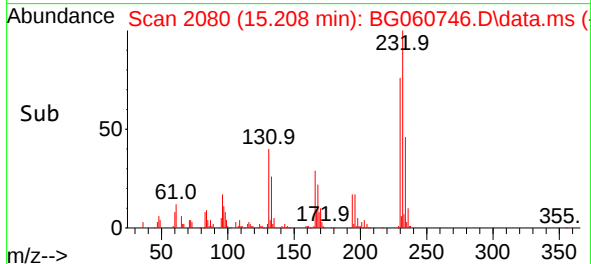
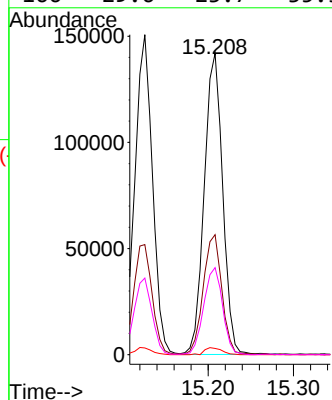
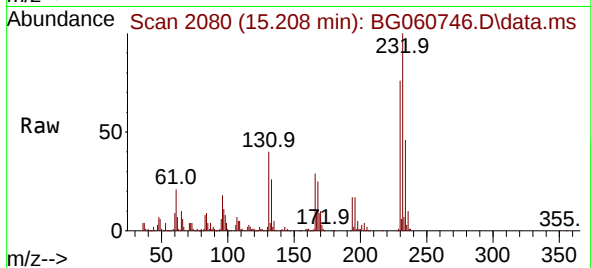




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.684 ng
RT: 15.208 min Scan# 2080
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

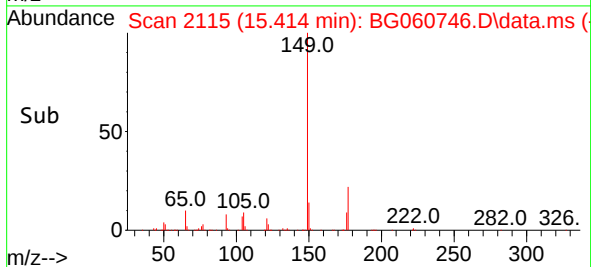
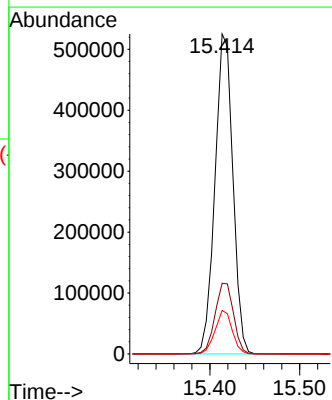
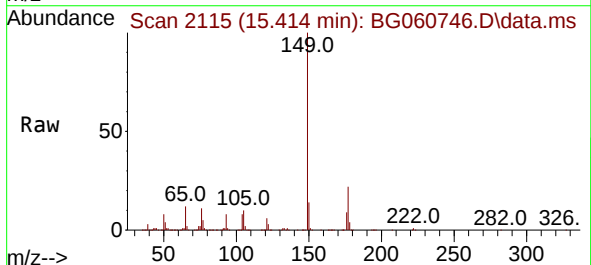
Instrument :
BNA_G
ClientSampleId :
72-11991MS

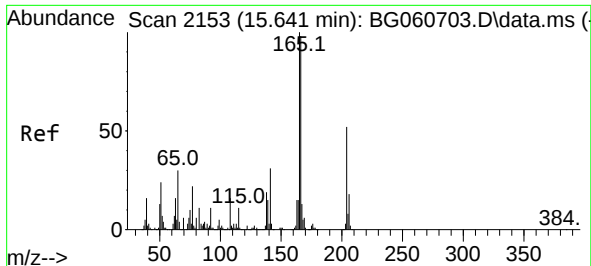
Tgt Ion:232 Resp: 212777
Ion Ratio Lower Upper
232 100
131 40.5 32.2 48.2
130 2.2 2.1 3.1
166 29.6 23.7 35.5



#60
Diethylphthalate
Concen: 45.285 ng
RT: 15.414 min Scan# 2115
Delta R.T. -0.009 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion:149 Resp: 727803
Ion Ratio Lower Upper
149 100
177 22.1 18.0 27.0
150 13.6 10.2 15.4

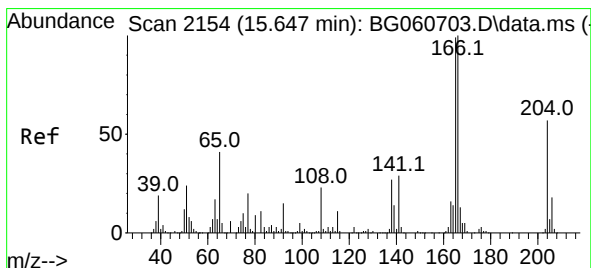
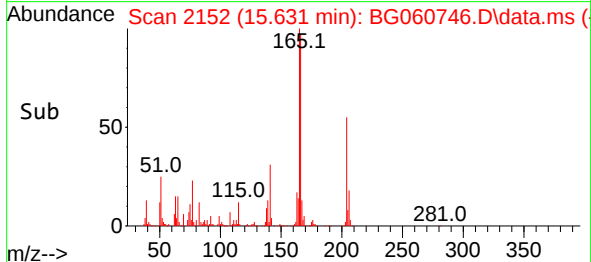
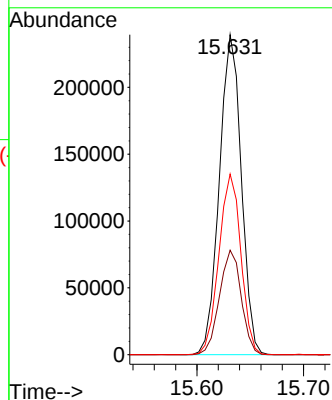
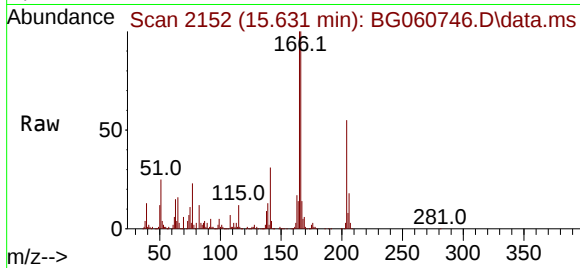




#61
4-Chlorophenyl-phenylether
Concen: 44.617 ng
RT: 15.631 min Scan# 2153
Delta R.T. -0.010 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

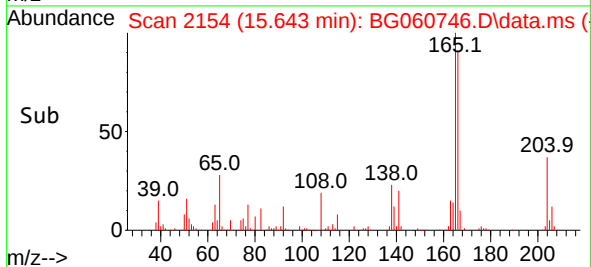
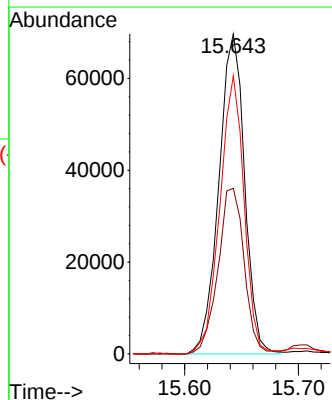
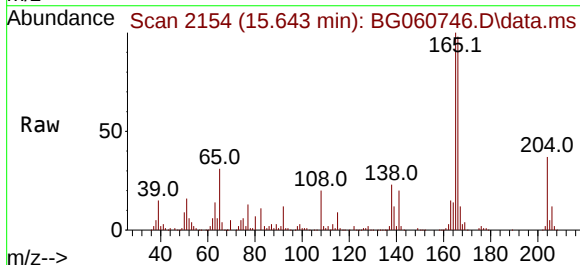
Instrument :
BNA_G
ClientSampleId :
72-11991MS

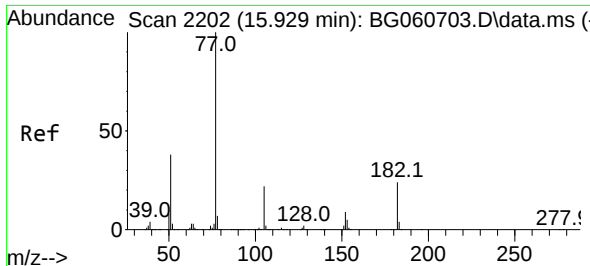
Tgt Ion:204 Resp: 341914
Ion Ratio Lower Upper
204 100
206 32.7 28.3 42.5
141 56.5 47.2 70.8



#62
4-Nitroaniline
Concen: 37.549 ng
RT: 15.643 min Scan# 2154
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

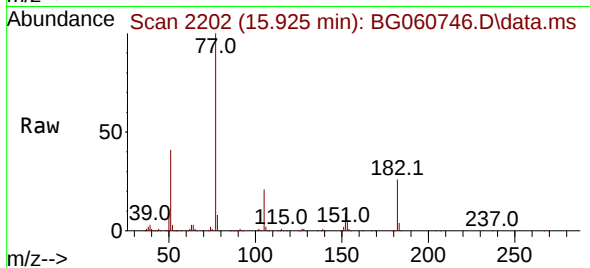
Tgt Ion:138 Resp: 109668
Ion Ratio Lower Upper
138 100
92 51.7 36.8 76.8
108 86.9 66.9 106.9



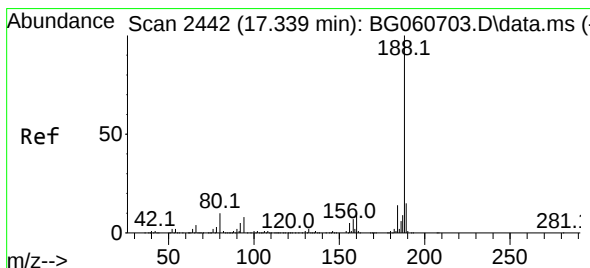
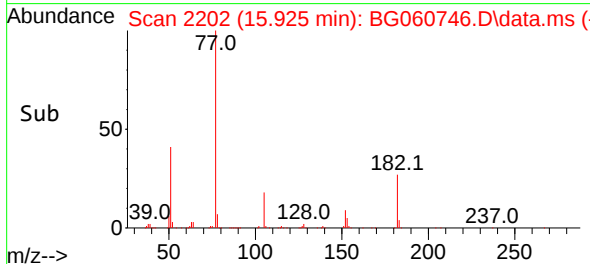
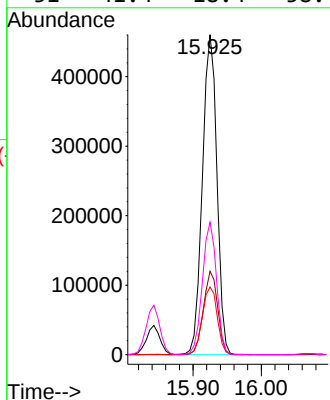


#63
Azobenzene
Concen: 43.519 ng
RT: 15.925 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Instrument :
BNA_G
ClientSampleId :
72-11991MS

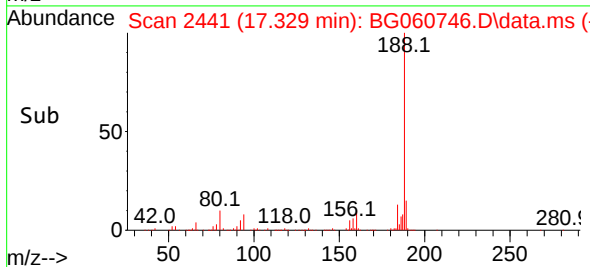
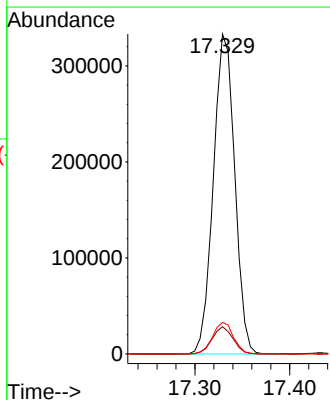
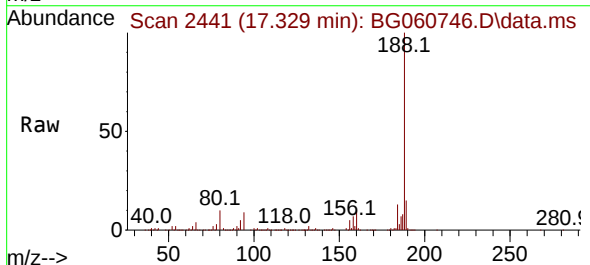


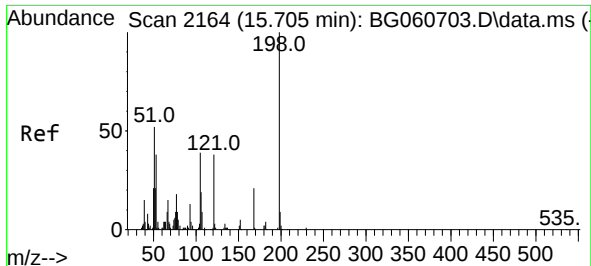
Tgt Ion: 77	Resp: 681540
Ion Ratio	Lower Upper
77 100	
182 26.0	3.9 43.9
105 21.2	1.7 41.7
51 41.4	18.4 58.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.329 min Scan# 2441
Delta R.T. -0.010 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion:188	Resp: 522201
Ion Ratio	Lower Upper
188 100	
94 8.6	6.6 9.8
80 9.8	7.6 11.4

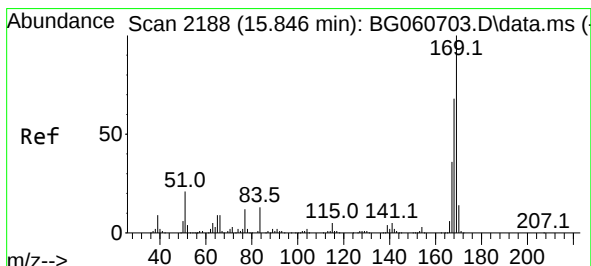
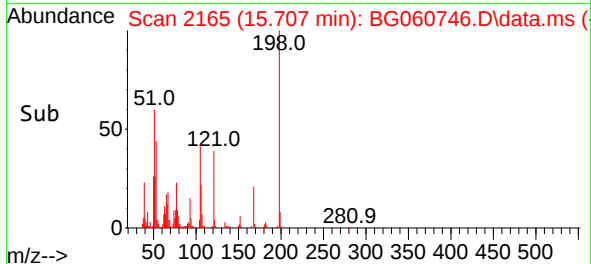
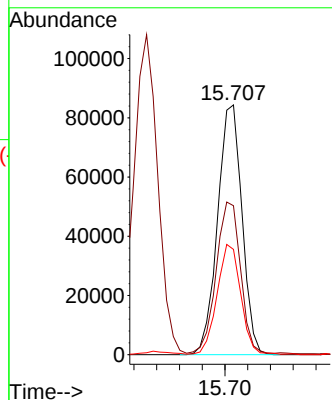
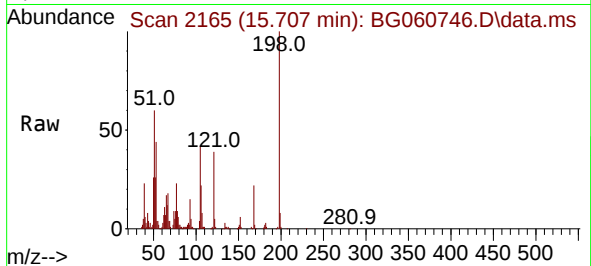




#65
4,6-Dinitro-2-methylphenol
Concen: 56.879 ng
RT: 15.707 min Scan# 2165
Delta R.T. 0.002 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

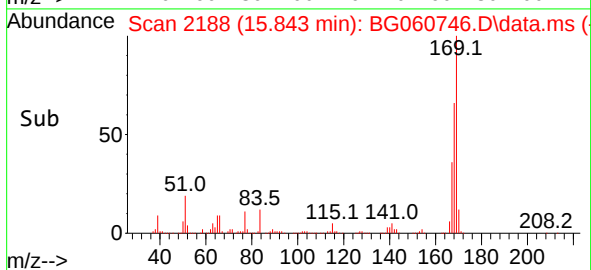
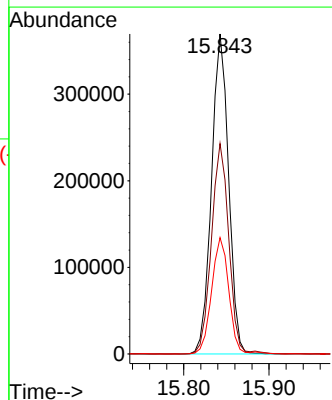
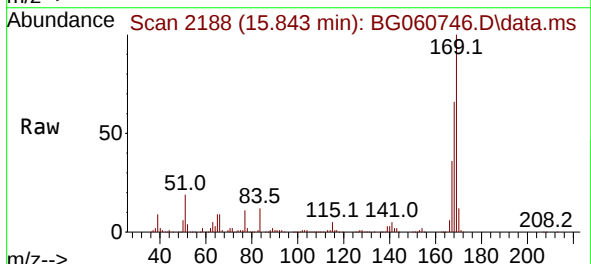
Instrument :
BNA_G
ClientSampleId :
72-11991MS

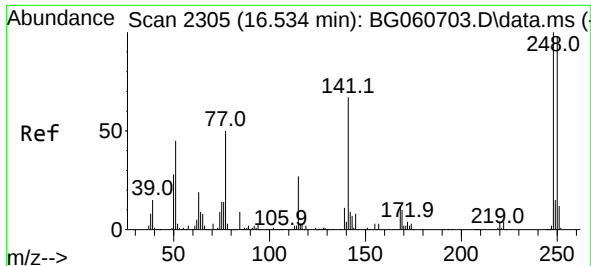
Tgt Ion:198 Resp: 125863
Ion Ratio Lower Upper
198 100
51 59.6 36.7 76.7
105 42.2 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 34.357 ng
RT: 15.843 min Scan# 2188
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion:169 Resp: 512700
Ion Ratio Lower Upper
169 100
168 65.8 54.5 81.7
167 36.4 29.2 43.8

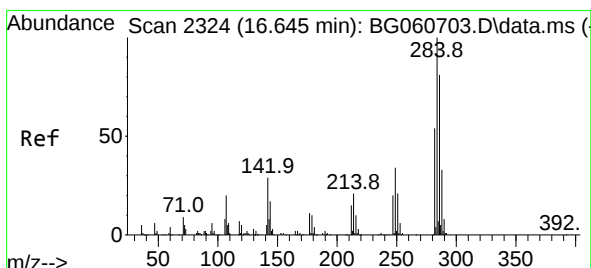
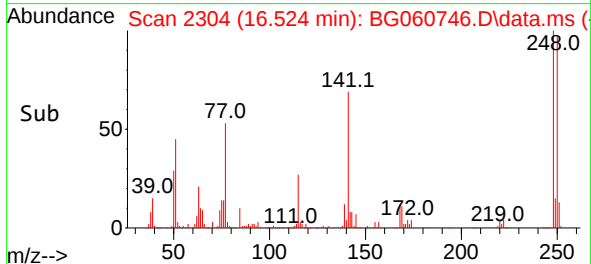
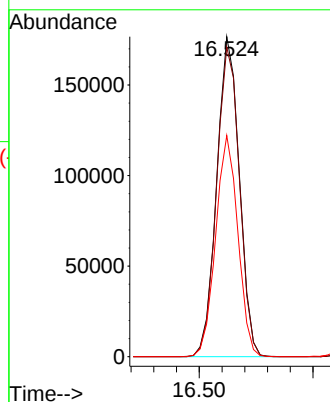
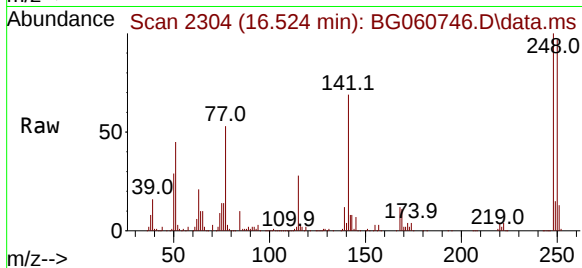




#67
4-Bromophenyl-phenylether
Concen: 46.012 ng
RT: 16.524 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

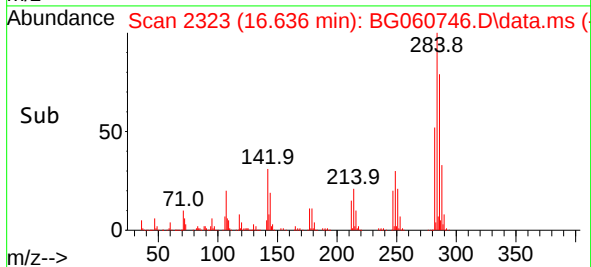
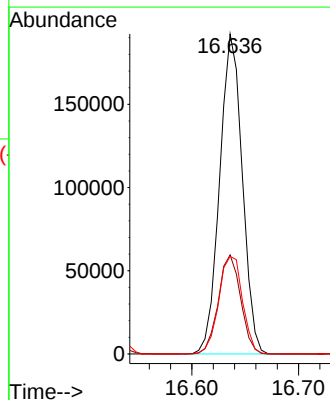
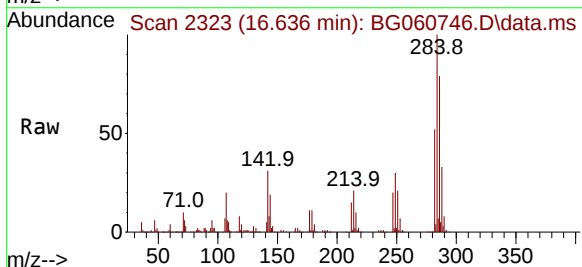
Instrument :
BNA_G
ClientSampleId :
72-11991MS

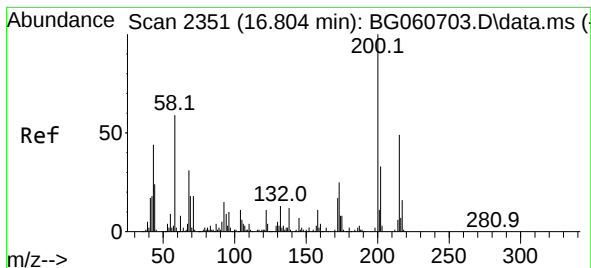
Tgt Ion:248 Resp: 243848
Ion Ratio Lower Upper
248 100
250 96.8 78.3 117.5
141 69.1 53.7 80.5



#68
Hexachlorobenzene
Concen: 47.320 ng
RT: 16.636 min Scan# 2323
Delta R.T. -0.010 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion:284 Resp: 283101
Ion Ratio Lower Upper
284 100
142 31.0 22.9 34.3
249 30.5 27.1 40.7





#69

Atrazine

Concen: 14.371 ng

RT: 16.794 min Scan# 21

Delta R.T. -0.010 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

72-11991MS

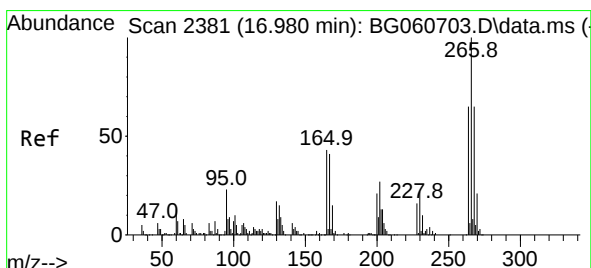
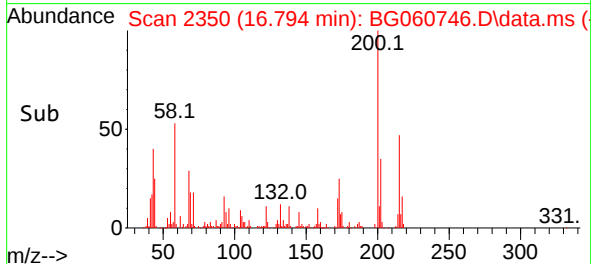
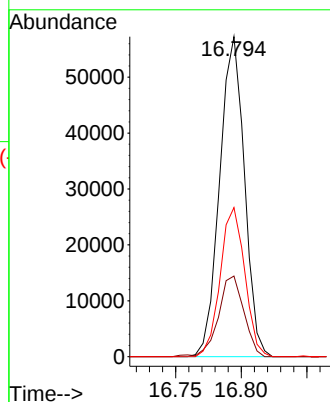
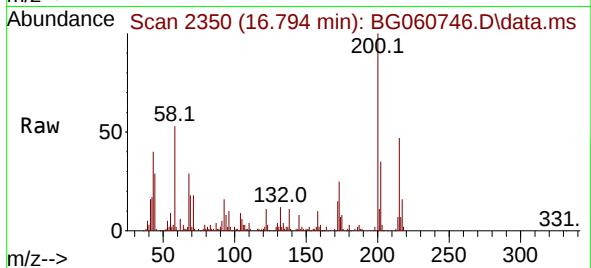
Tgt Ion:200 Resp: 74993

Ion Ratio Lower Upper

200 100

173 25.2 5.2 45.2

215 46.6 28.8 68.8



#70

Pentachlorophenol

Concen: 103.948 ng

RT: 16.977 min Scan# 2381

Delta R.T. -0.004 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

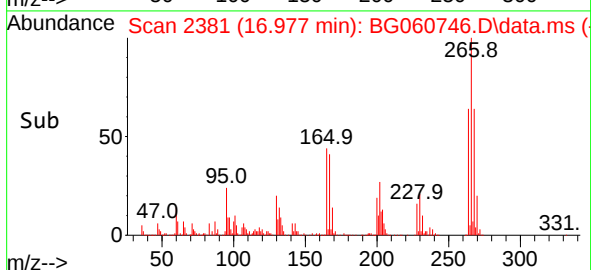
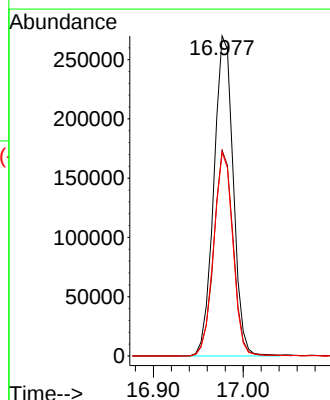
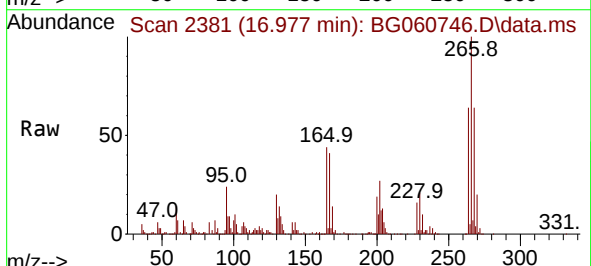
Tgt Ion:266 Resp: 405777

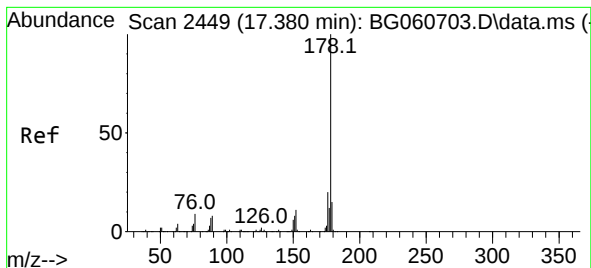
Ion Ratio Lower Upper

266 100

268 64.3 52.2 78.4

264 63.6 51.8 77.6





#71

Phenanthrene

Concen: 44.830 ng

RT: 17.376 min Scan# 2449

Delta R.T. -0.004 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

72-11991MS

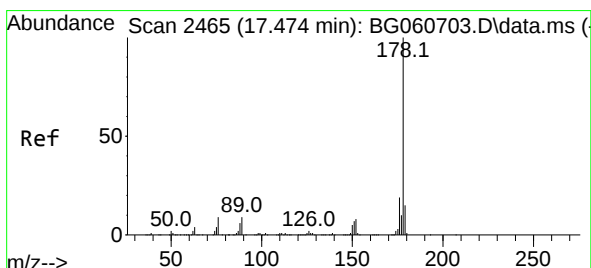
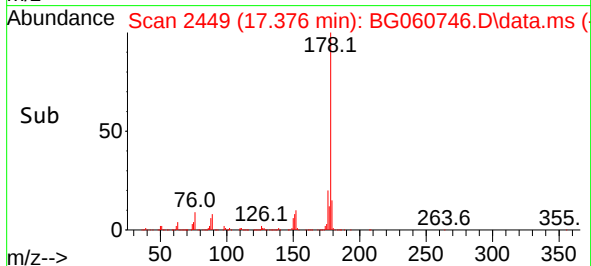
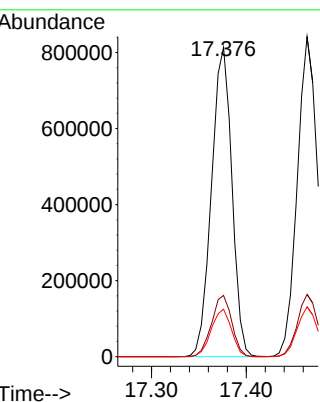
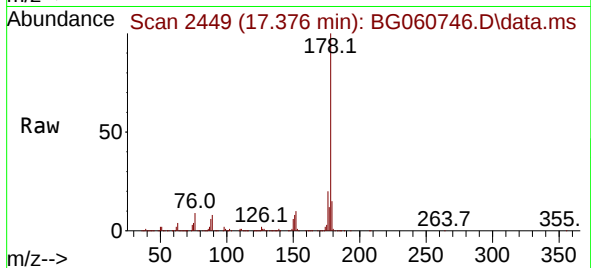
Tgt Ion:178 Resp: 1217522

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.6

179 15.4 12.2 18.4



#72

Anthracene

Concen: 45.255 ng

RT: 17.464 min Scan# 2464

Delta R.T. -0.010 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

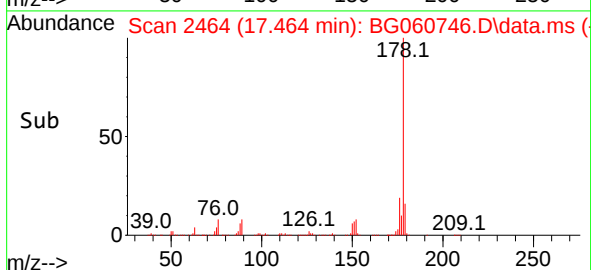
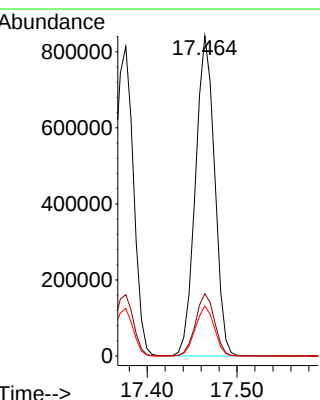
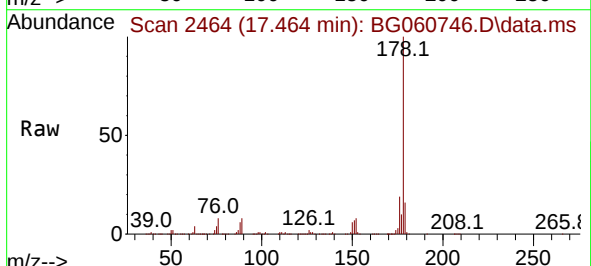
Tgt Ion:178 Resp: 1248178

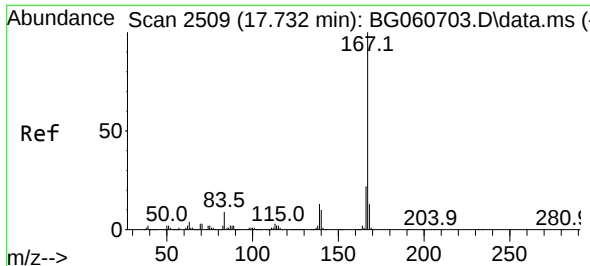
Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

179 15.6 12.2 18.2

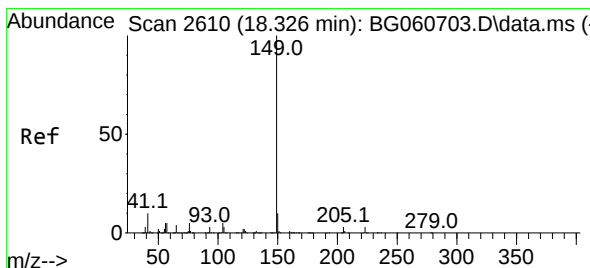
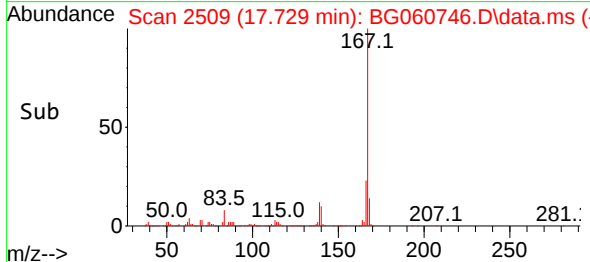
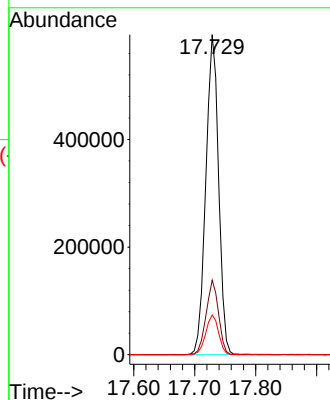
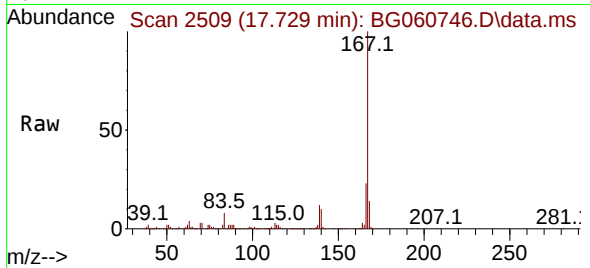




#73
 Carbazole
 Concen: 35.603 ng
 RT: 17.729 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG060746.D
 Acq: 2 Apr 2024 20:46

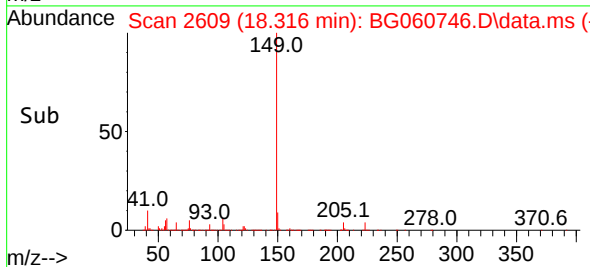
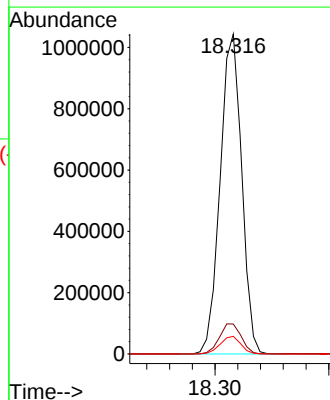
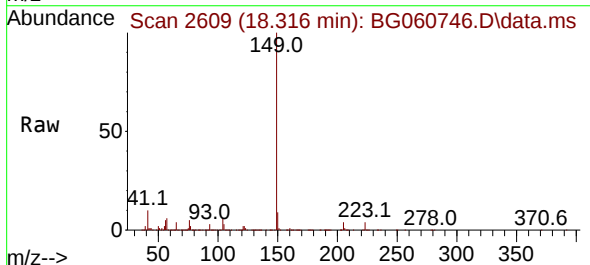
Instrument :
 BNA_G
 ClientSampleId :
 72-11991MS

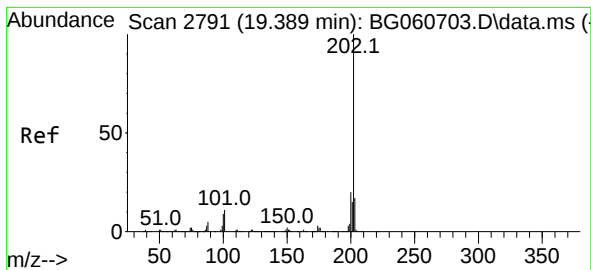
Tgt Ion:167 Resp: 865791
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.0 27.0
 139 12.4 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 45.253 ng
 RT: 18.316 min Scan# 2609
 Delta R.T. -0.010 min
 Lab File: BG060746.D
 Acq: 2 Apr 2024 20:46

Tgt Ion:149 Resp: 1371961
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 5.5 4.2 6.4





#75

Fluoranthene

Concen: 46.515 ng

RT: 19.385 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

Instrument :

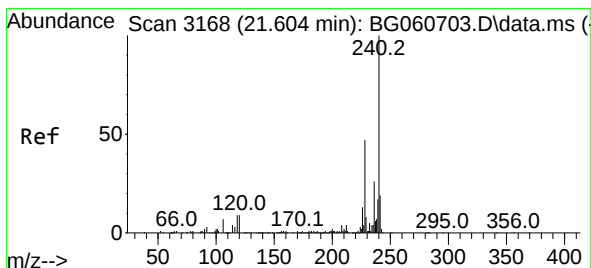
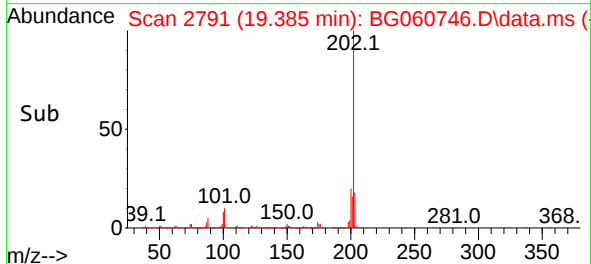
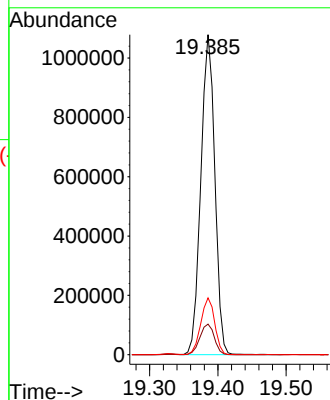
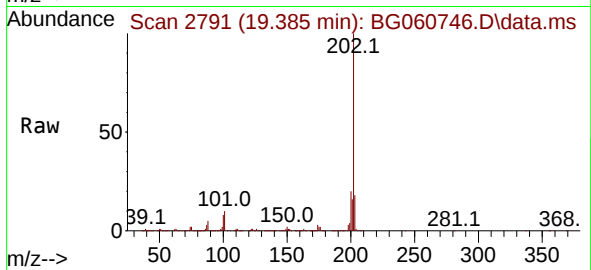
BNA_G

ClientSampleId :

72-11991MS

Tgt Ion:202 Resp: 1532910

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.8
203	17.7	0.0	37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.595 min Scan# 3167

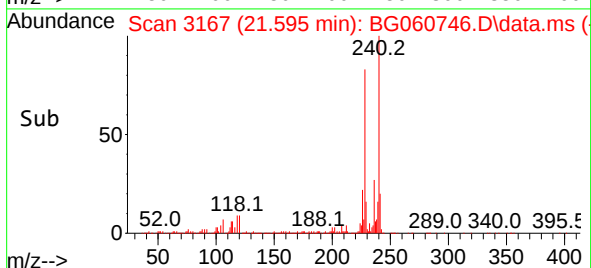
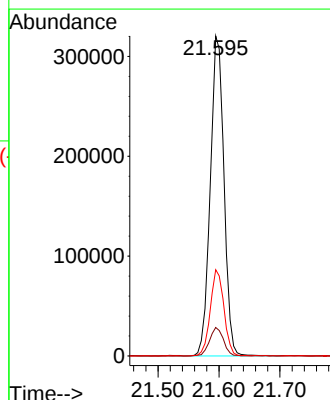
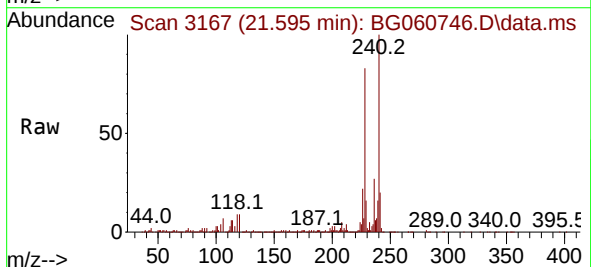
Delta R.T. -0.010 min

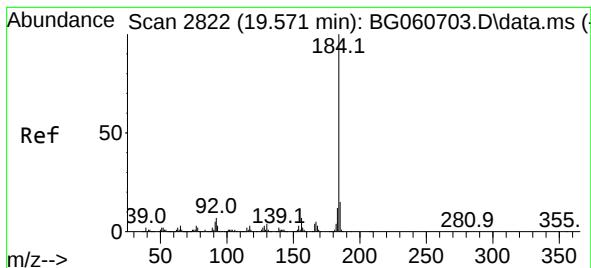
Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

Tgt Ion:240 Resp: 500564

Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.1	10.7
236	27.0	20.7	31.1





#77

Benzidine

Concen: 2.851 ng

RT: 19.955 min Scan# 21

Delta R.T. 0.384 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

72-11991MS

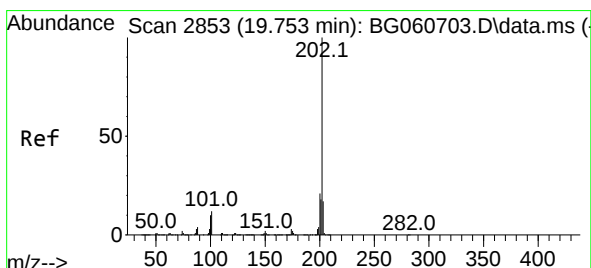
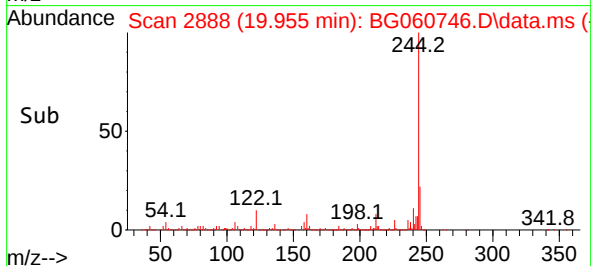
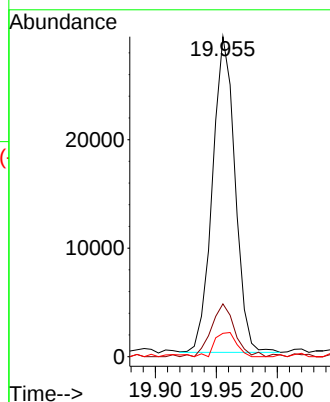
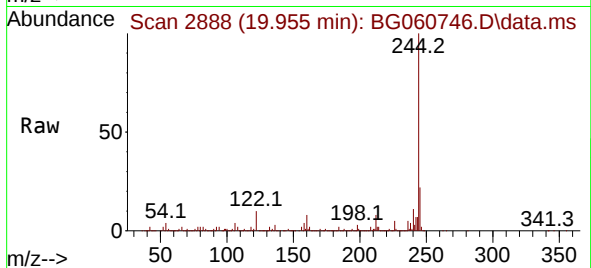
Tgt Ion:184 Resp: 37574

Ion Ratio Lower Upper

184 100

185 16.5 11.8 17.6

183 7.3 9.5 14.3#



#78

Pyrene

Concen: 45.551 ng

RT: 19.744 min Scan# 2852

Delta R.T. -0.010 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

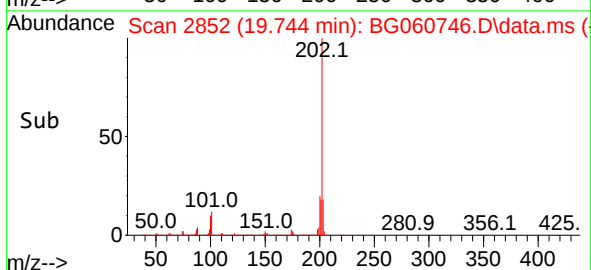
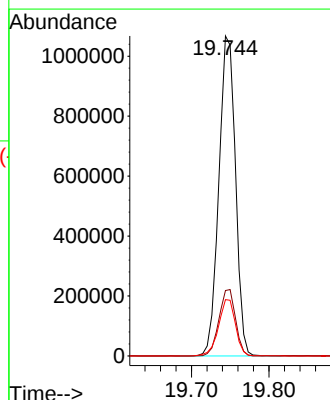
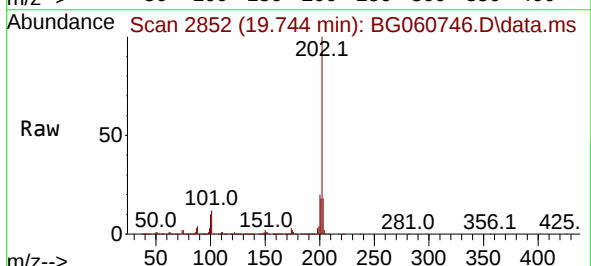
Tgt Ion:202 Resp: 1594672

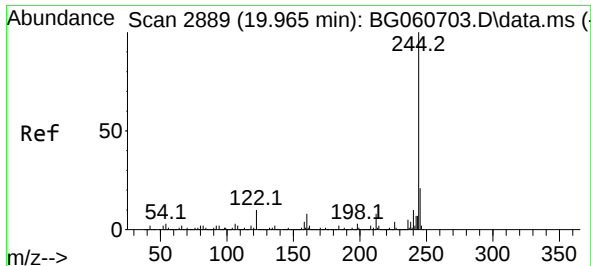
Ion Ratio Lower Upper

202 100

200 20.4 17.0 25.4

203 17.6 14.0 21.0

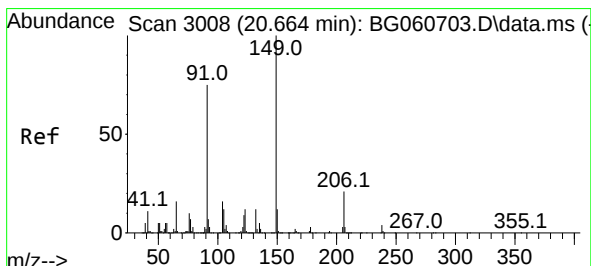
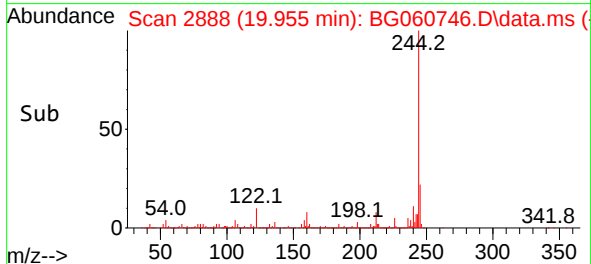
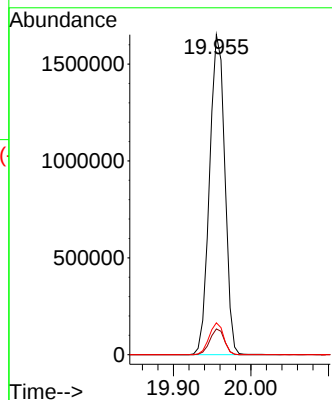
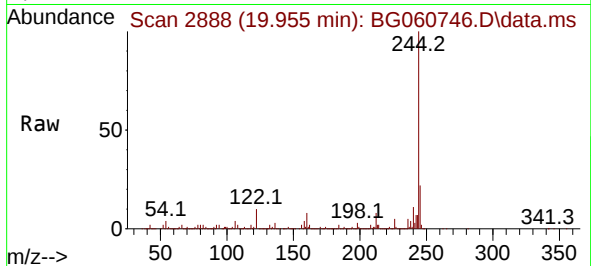




#79
 Terphenyl-d14
 Concen: 79.521 ng
 RT: 19.955 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG060746.D
 Acq: 2 Apr 2024 20:46

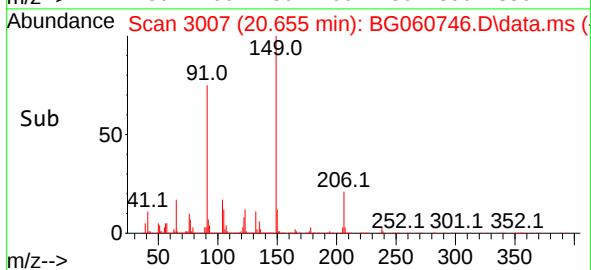
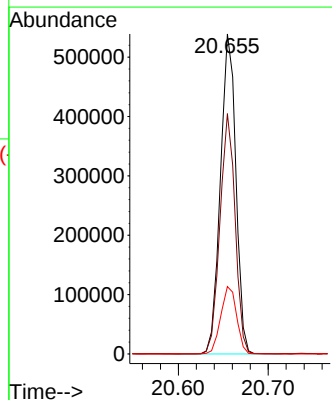
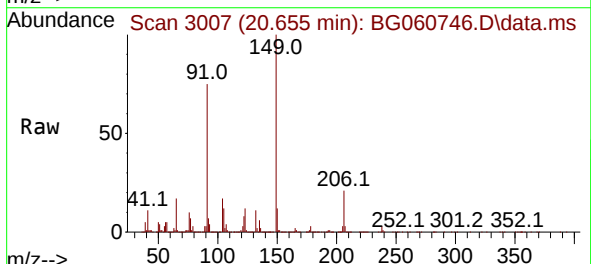
Instrument :
 BNA_G
 ClientSampleId :
 72-11991MS

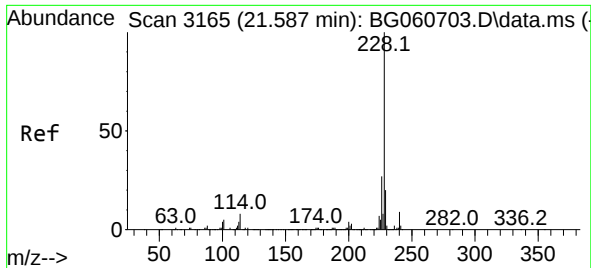
Tgt Ion:244 Resp: 2260601
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 9.9 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 50.461 ng
 RT: 20.655 min Scan# 3007
 Delta R.T. -0.010 min
 Lab File: BG060746.D
 Acq: 2 Apr 2024 20:46

Tgt Ion:149 Resp: 644417
 Ion Ratio Lower Upper
 149 100
 91 75.1 60.1 90.1
 206 21.0 16.8 25.2

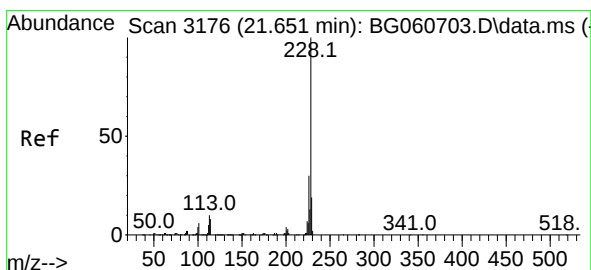
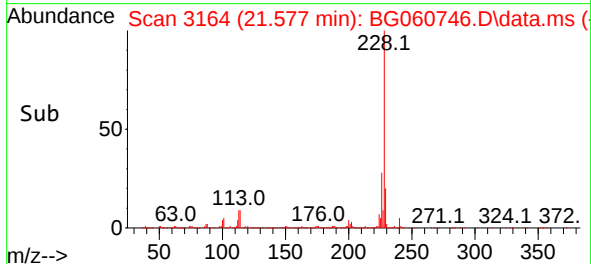
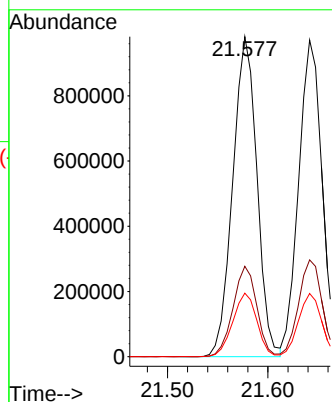
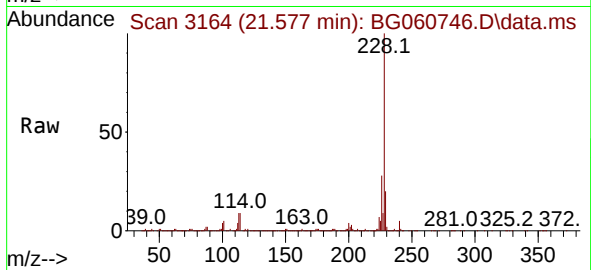




#81
Benzo(a)anthracene
Concen: 46.703 ng
RT: 21.577 min Scan# 3164
Delta R.T. -0.010 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

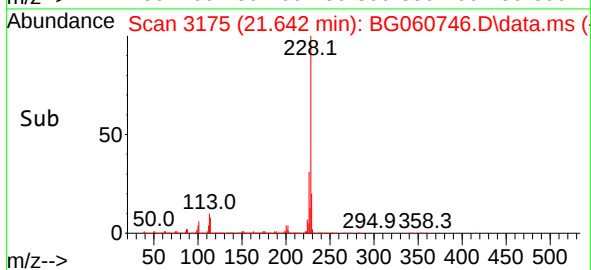
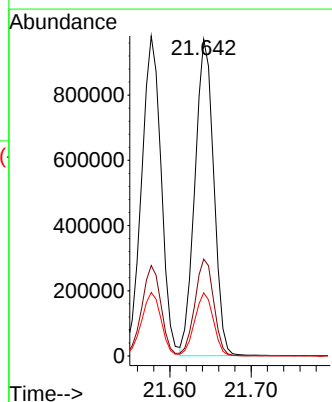
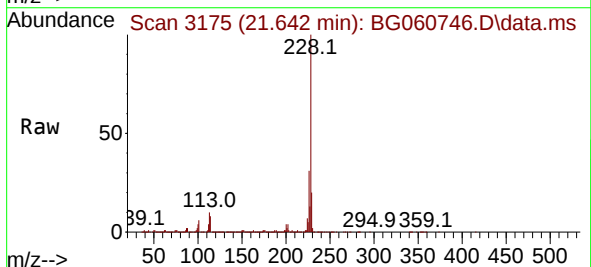
Instrument :
BNA_G
ClientSampleId :
72-11991MS

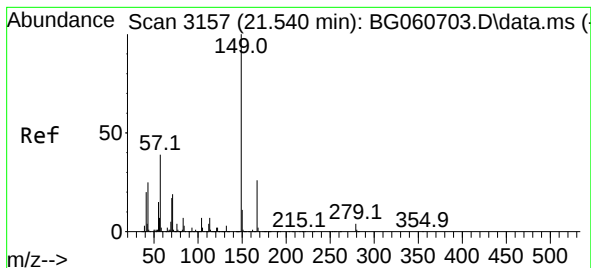
Tgt Ion:228 Resp: 1647885
Ion Ratio Lower Upper
228 100
226 28.3 21.7 32.5
229 19.8 15.8 23.8



#83
Chrysene
Concen: 45.959 ng
RT: 21.642 min Scan# 3175
Delta R.T. -0.010 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion:228 Resp: 1563006
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.4
229 20.0 15.5 23.3

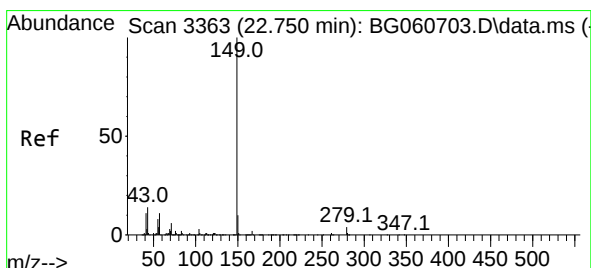
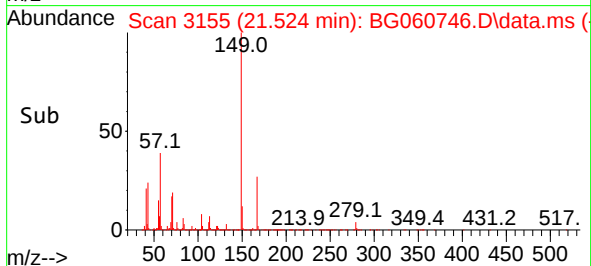
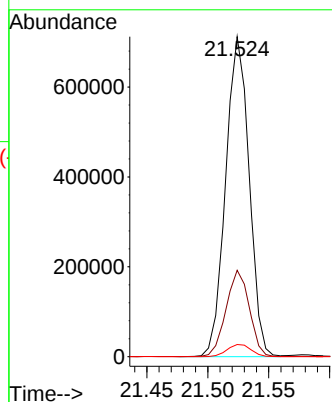
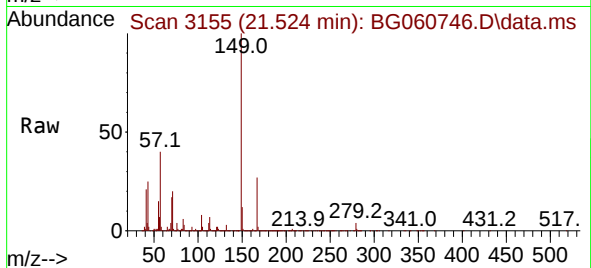




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.949 ng
 RT: 21.524 min Scan# 3155
 Delta R.T. -0.016 min
 Lab File: BG060746.D
 Acq: 2 Apr 2024 20:46

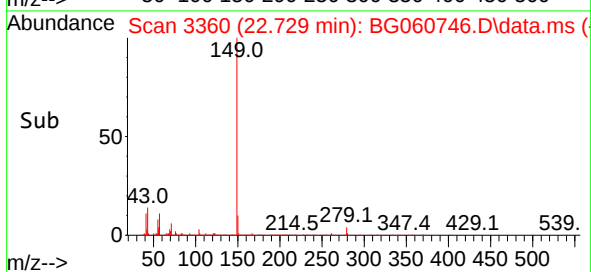
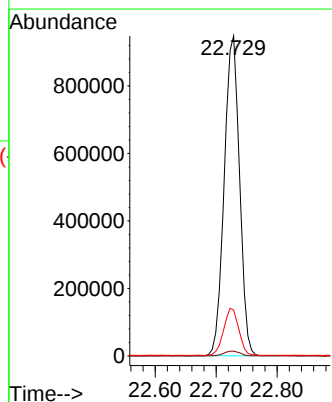
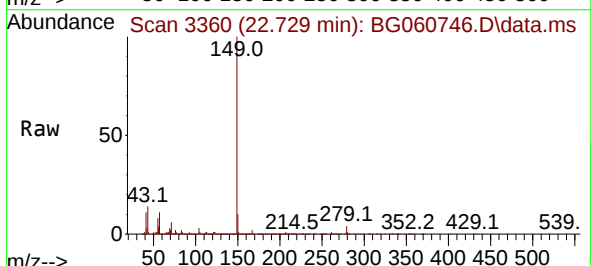
Instrument :
 BNA_G
 ClientSampleId :
 72-11991MS

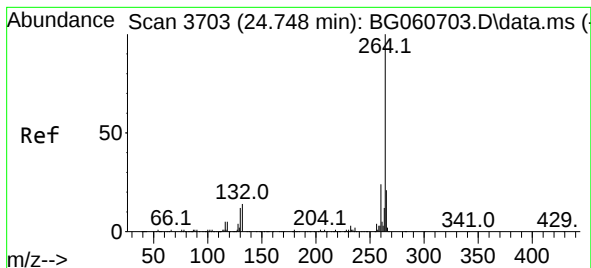
Tgt Ion:149 Resp: 955639
 Ion Ratio Lower Upper
 149 100
 167 27.0 20.6 30.8
 279 3.8 3.0 4.4



#85
 Di-n-octyl phthalate
 Concen: 49.937 ng
 RT: 22.729 min Scan# 3360
 Delta R.T. -0.021 min
 Lab File: BG060746.D
 Acq: 2 Apr 2024 20:46

Tgt Ion:149 Resp: 1655898
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 14.5 11.3 16.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.738 min Scan# 31

Delta R.T. -0.010 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

72-11991MS

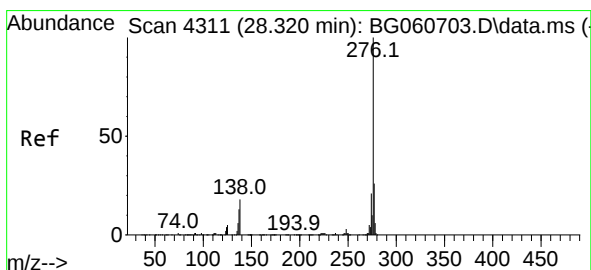
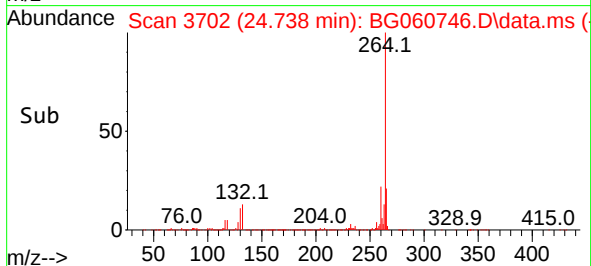
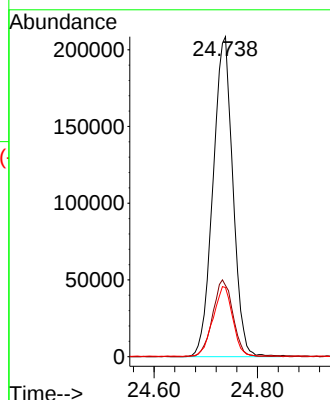
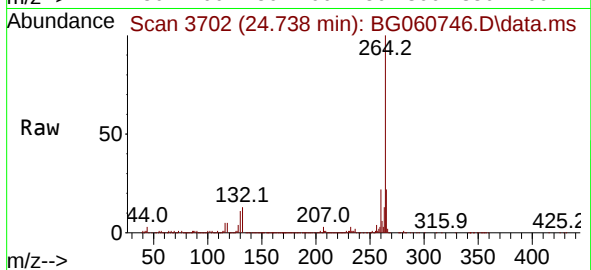
Tgt Ion:264 Resp: 555427

Ion Ratio Lower Upper

264 100

260 22.3 19.5 29.3

265 21.6 16.9 25.3



#87

Indeno(1,2,3-cd)pyrene

Concen: 50.914 ng

RT: 28.304 min Scan# 4309

Delta R.T. -0.016 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

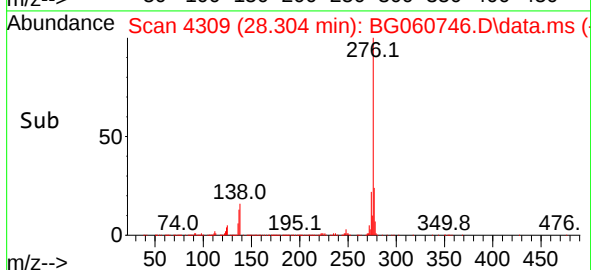
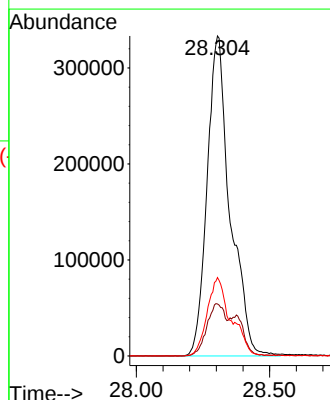
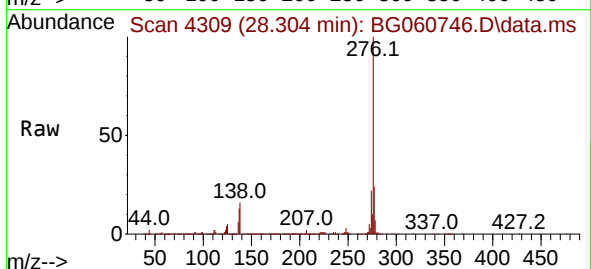
Tgt Ion:276 Resp: 1991434

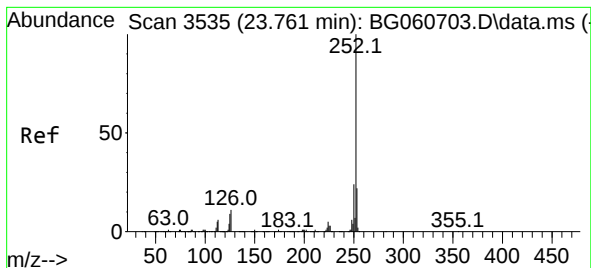
Ion Ratio Lower Upper

276 100

138 12.9 12.4 18.6

277 25.4 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 51.754 ng

RT: 23.751 min Scan# 3

Delta R.T. -0.010 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

72-11991MS

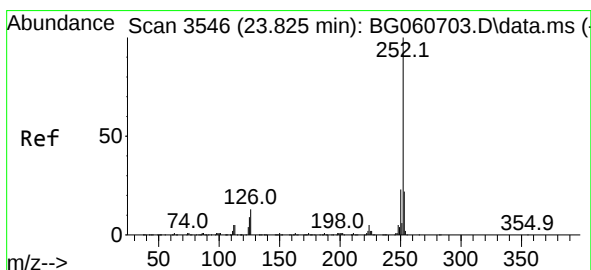
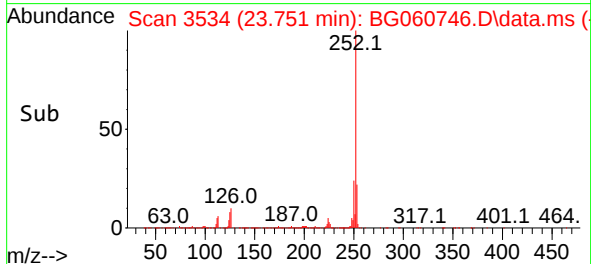
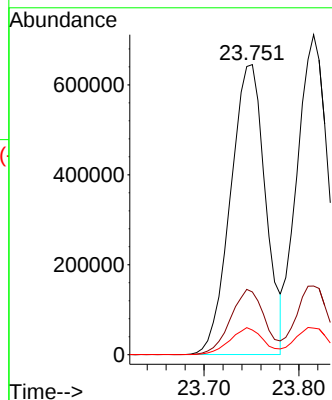
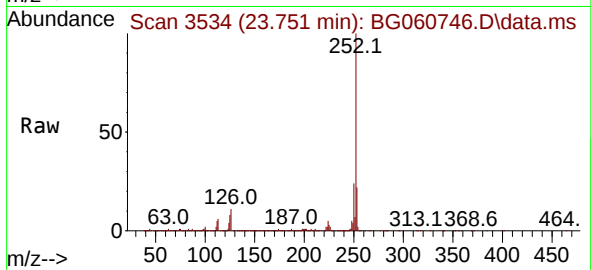
Tgt Ion:252 Resp: 1651412

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 8.5 7.1 10.7



#89

Benzo(k)fluoranthene

Concen: 49.627 ng

RT: 23.816 min Scan# 3545

Delta R.T. -0.010 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

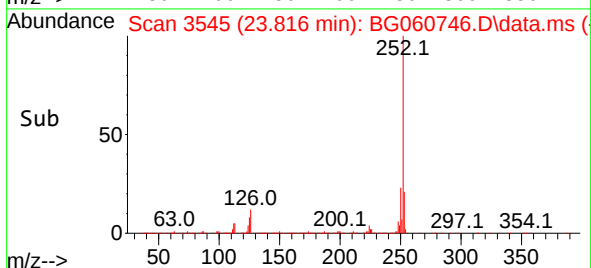
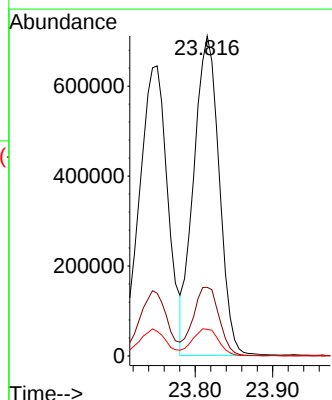
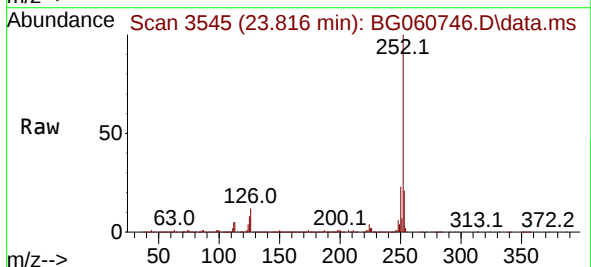
Tgt Ion:252 Resp: 1620828

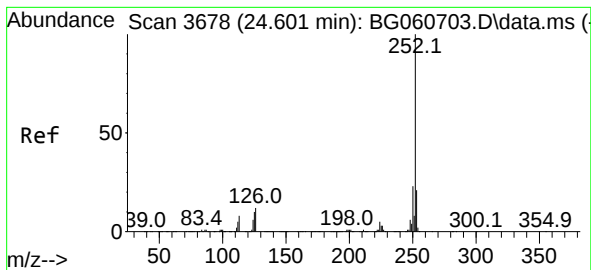
Ion Ratio Lower Upper

252 100

253 21.4 17.6 26.4

125 8.3 7.5 11.3





#90

Benzo(a)pyrene

Concen: 48.144 ng

RT: 24.591 min Scan# 3

Delta R.T. -0.010 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

72-11991MS

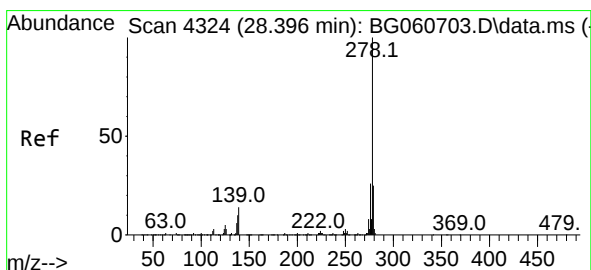
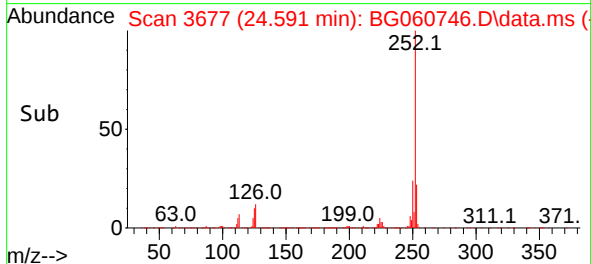
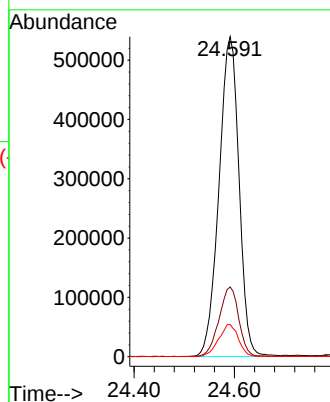
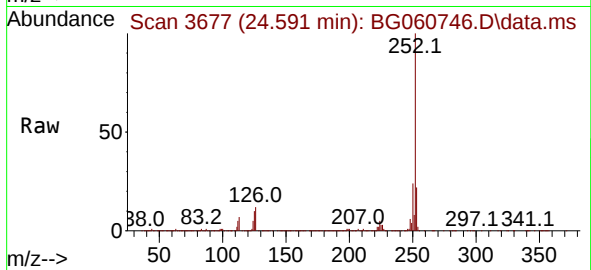
Tgt Ion:252 Resp: 1492906

Ion Ratio Lower Upper

252 100

253 21.8 16.8 25.2

125 10.1 7.6 11.4



#91

Dibenzo(a,h)anthracene

Concen: 50.527 ng

RT: 28.375 min Scan# 4321

Delta R.T. -0.021 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

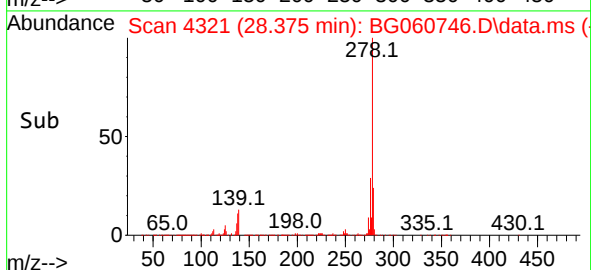
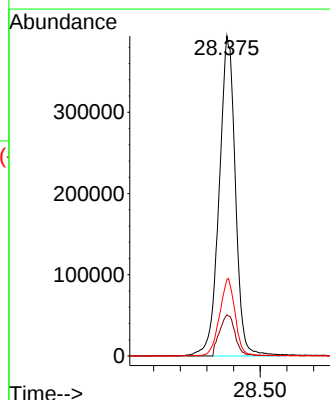
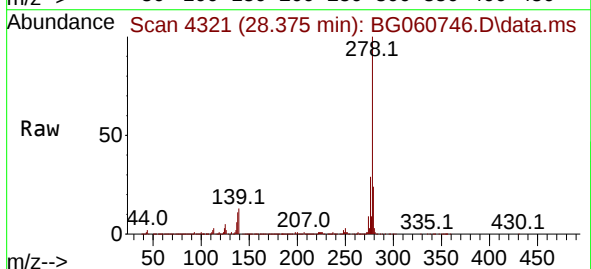
Tgt Ion:278 Resp: 1665970

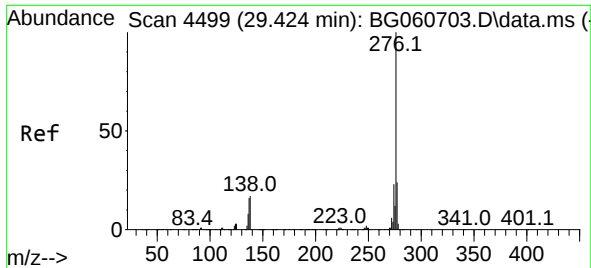
Ion Ratio Lower Upper

278 100

139 12.8 11.1 16.7

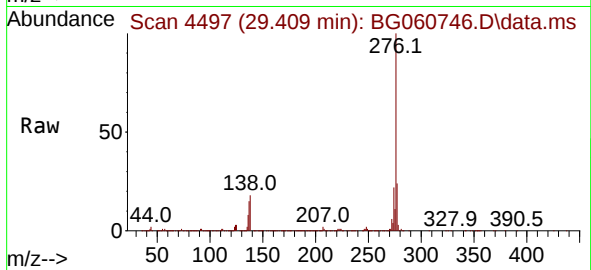
279 23.9 19.8 29.6





#92
 Benzo(g,h,i)perylene
 Concen: 46.661 ng
 RT: 29.409 min Scan# 44
 Delta R.T. -0.016 min
 Lab File: BG060746.D
 Acq: 2 Apr 2024 20:46

Instrument :
 BNA_G
 ClientSampleId :
 72-11991MS



Tgt Ion:276 Resp: 1496596

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.9	28.3
138	17.7	14.0	21.0

