

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041224\
 Data File : BG060883.D
 Acq On : 12 Apr 2024 21:06
 Operator : MA/JU
 Sample : P2090-01MSD 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-04112024MSD

Quant Time: Apr 12 22:44:07 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	7.952	152	66079	20.000	ng	0.00
21) Naphthalene-d8	10.749	136	253243	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	183369	20.000	ng	0.00
64) Phenanthrene-d10	17.329	188	408754	20.000	ng	0.00
76) Chrysene-d12	21.601	240	368815	20.000	ng	0.00
86) Perylene-d12	24.744	264	352809	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	163432	41.202	ng	0.00
7) Phenol-d6	7.118	99	221364	37.596	ng	0.00
23) Nitrobenzene-d5	9.104	82	153285	34.539	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	120164	57.729	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	362575	29.019	ng	-0.02
79) Terphenyl-d14	19.950	244	610129	29.129	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.463	88	27663	17.010	ng	93
3) Pyridine	3.851	79	72183	14.715	ng	91
4) n-Nitrosodimethylamine	3.763	42	58666	20.007	ng	96
6) Aniline	7.276	93	68260	9.180	ng	95
8) 2-Chlorophenol	7.517	128	96510	21.461	ng	98
9) Benzaldehyde	7.088	77	7536	2.321	ng	88
10) Phenol	7.147	94	115615	19.240	ng	96
11) bis(2-Chloroethyl)ether	7.376	93	83467	17.204	ng	97
12) 1,3-Dichlorobenzene	7.846	146	102071	21.827	ng	98
13) 1,4-Dichlorobenzene	7.987	146	104944	21.996	ng	98
14) 1,2-Dichlorobenzene	8.305	146	102618	21.948	ng	99
15) Benzyl Alcohol	8.187	79	90287	18.930	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.475	45	219143	20.015	ng	99
17) 2-Methylphenol	8.393	107	80251	17.691	ng	97
18) Hexachloroethane	9.033	117	36254	21.396	ng	# 79
19) n-Nitroso-di-n-propyla...	8.751	70	76460	17.028	ng	97
20) 3+4-Methylphenols	8.716	107	112587	18.125	ng	97
22) Acetophenone	8.769	105	150158	21.504	ng	# 98
24) Nitrobenzene	9.151	77	110663	23.880	ng	98
25) Isophorone	9.674	82	204976	20.052	ng	99
26) 2-Nitrophenol	9.862	139	48617	30.855	ng	# 89
27) 2,4-Dimethylphenol	9.920	122	70558	17.183	ng	98
28) bis(2-Chloroethoxy)met...	10.155	93	115208	19.090	ng	98
29) 2,4-Dichlorophenol	10.396	162	90840	24.091	ng	97
30) 1,2,4-Trichlorobenzene	10.614	180	107504	25.178	ng	98
31) Naphthalene	10.802	128	319982	23.358	ng	99
32) Benzoic acid	10.038	122	59858	25.626	ng	96
33) 4-Chloroaniline	10.901	127	79952	12.566	ng	98
34) Hexachlorobutadiene	11.089	225	77568	27.259	ng	99
35) Caprolactam	11.665	113	27514	18.423	ng	93
36) 4-Chloro-3-methylphenol	12.030	107	104728	21.742	ng	97
37) 2-Methylnaphthalene	12.406	142	229740	22.811	ng	99
38) 1-Methylnaphthalene	12.629	142	215903	22.692	ng	97
40) 1,2,4,5-Tetrachloroben...	12.776	216	138739	26.318	ng	98
41) Hexachlorocyclopentadiene	12.758	237	27735	10.347	ng	98
43) 2,4,6-Trichlorophenol	13.011	196	90447	26.645	ng	91

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041224\
 Data File : BG060883.D
 Acq On : 12 Apr 2024 21:06
 Operator : MA/JU
 Sample : P2090-01MSD 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-04112024MSD

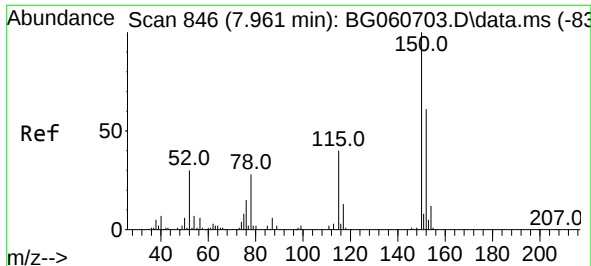
Quant Time: Apr 12 22:44:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.087	196	95554	23.588	ng	97
46) 1,1'-Biphenyl	13.416	154	289512	22.353	ng	99
47) 2-Chloronaphthalene	13.457	162	223656	22.728	ng	99
48) 2-Nitroaniline	13.651	65	81064	27.945	ng	98
49) Acenaphthylene	14.303	152	397339	24.031	ng	99
50) Dimethylphthalate	14.039	163	292738	20.198	ng	99
51) 2,6-Dinitrotoluene	14.151	165	59538	24.767	ng	96
52) Acenaphthene	14.644	154	243477	23.453	ng	99
53) 3-Nitroaniline	14.480	138	55956	21.340	ng #	93
54) 2,4-Dinitrophenol	14.685	184	10109	10.020	ng	93
55) Dibenzofuran	14.979	168	392097	23.945	ng	99
56) 4-Nitrophenol	14.797	139	102063	48.170	ng	95
57) 2,4-Dinitrotoluene	14.944	165	83837	26.944	ng #	92
58) Fluorene	15.631	166	383055	29.147	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.208	232	90527	25.643	ng #	96
60) Diethylphthalate	15.408	149	287617	19.725	ng	99
61) 4-Chlorophenyl-phenyle...	15.625	204	152761	21.971	ng	95
62) 4-Nitroaniline	15.643	138	65281	24.635	ng	98
63) Azobenzene	15.919	77	277354	19.519	ng	92
65) 4,6-Dinitro-2-methylph...	15.708	198	9053	11.614	ng	94
66) n-Nitrosodiphenylamine	15.837	169	260165	22.273	ng	97
67) 4-Bromophenyl-phenylether	16.524	248	102595	24.732	ng	96
68) Hexachlorobenzene	16.636	284	117705	25.135	ng	98
69) Atrazine	16.795	200	96986	23.744	ng	96
70) Pentachlorophenol	16.983	266	155194	50.790	ng	99
71) Phenanthrene	17.376	178	1638196	77.061	ng	99
72) Anthracene	17.464	178	639943	29.642	ng	99
73) Carbazole	17.729	167	471284	24.759	ng	99
74) Di-n-butylphthalate	18.305	149	492455	20.751	ng	99
75) Fluoranthene	19.392	202	2146217	83.200	ng	96
77) Benzidine	19.568	184	54550	5.617	ng	97
78) Pyrene	19.756	202	2036995	78.971	ng	98
80) Butylbenzylphthalate	20.649	149	216453	23.004	ng	98
81) Benzo(a)anthracene	21.583	228	1275298	49.055	ng	97
82) 3,3'-Dichlorobenzidine	21.495	252	156591	17.839	ng	100
83) Chrysene	21.648	228	1287875	51.396	ng	98
84) Bis(2-ethylhexyl)phtha...	21.513	149	979852	65.335	ng #	97
85) Di-n-octyl phthalate	22.705	149	550011	22.512	ng #	99
87) Indeno(1,2,3-cd)pyrene	28.322	276	549624	22.122	ng	94
88) Benzo(b)fluoranthene	23.757	252	1104903	54.513	ng	99
89) Benzo(k)fluoranthene	23.816	252	957934	46.175	ng	96
90) Benzo(a)pyrene	24.603	252	987992	50.159	ng	96
91) Dibenzo(a,h)anthracene	28.381	278	323576	15.450	ng #	94
92) Benzo(g,h,i)perylene	29.427	276	379766	18.640	ng #	95

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

Quant Time: Apr 12 22:44:07 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

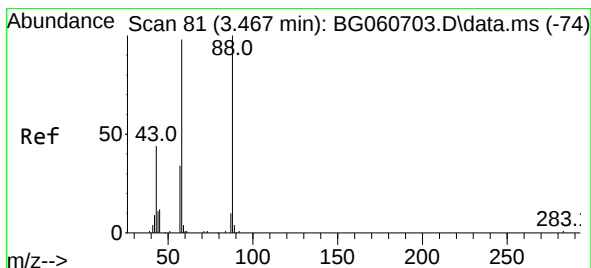
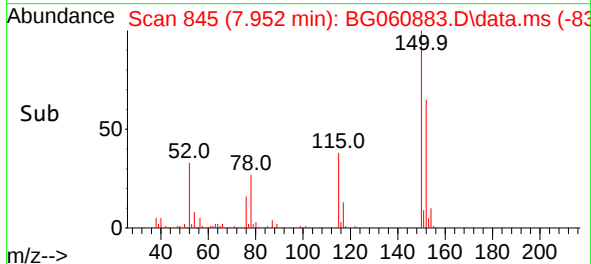
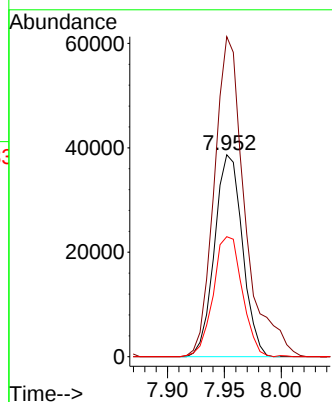
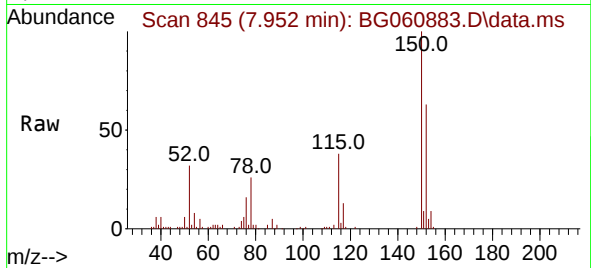




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.952 min Scan# 84
Delta R.T. -0.009 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

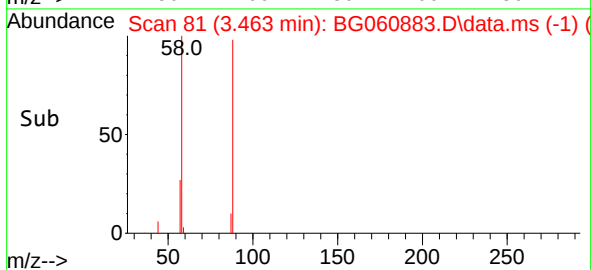
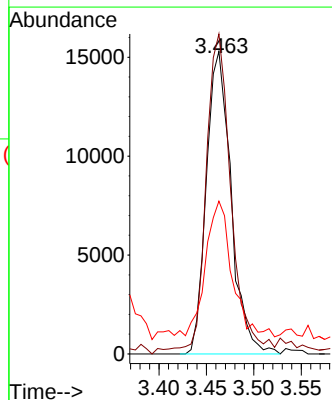
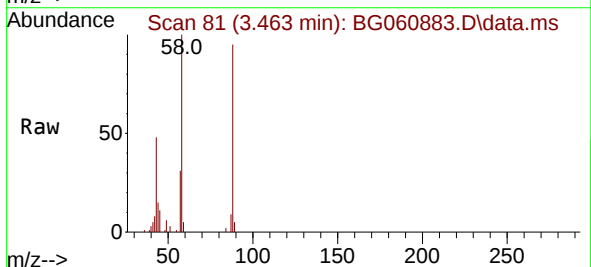
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MSD

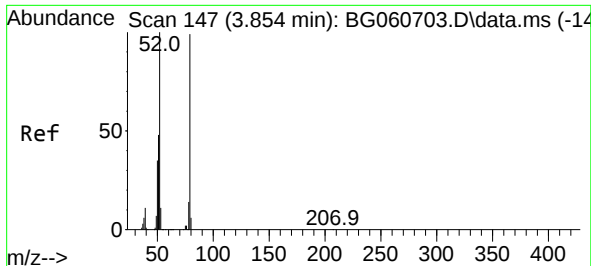
Tgt Ion:152 Resp: 66079
Ion Ratio Lower Upper
152 100
150 158.4 130.2 195.4
115 59.4 51.6 77.4



#2
1,4-Dioxane
Concen: 17.010 ng
RT: 3.463 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

Tgt Ion: 88 Resp: 27663
Ion Ratio Lower Upper
88 100
58 108.3 80.9 121.3
43 48.9 35.4 53.0



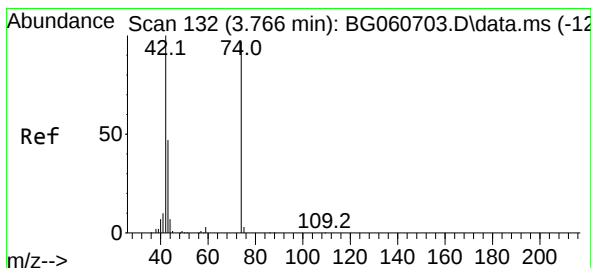
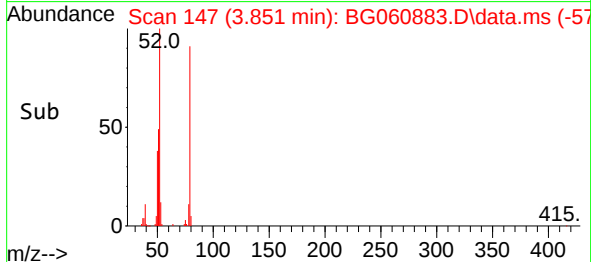
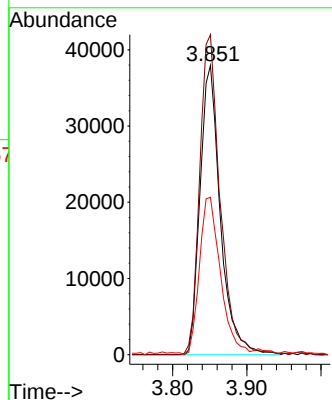
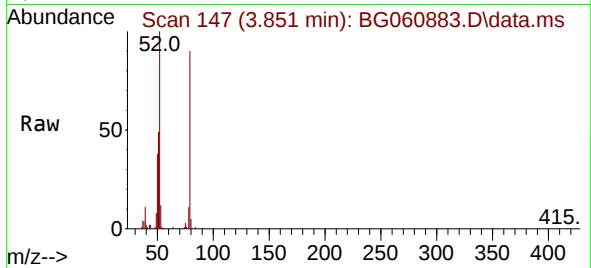


#3
 Pyridine
 Concen: 14.715 ng
 RT: 3.851 min Scan# 147
 Delta R.T. -0.004 min
 Lab File: BG060883.D
 Acq: 12 Apr 2024 21:06

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-04112024MSD

Tgt Ion: 79 Resp: 72183

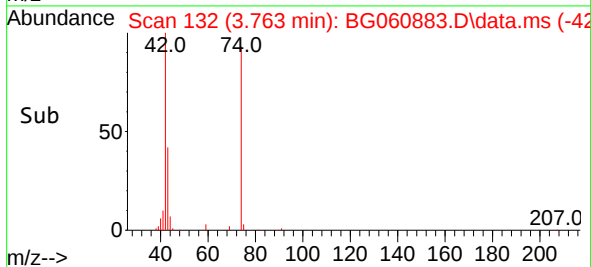
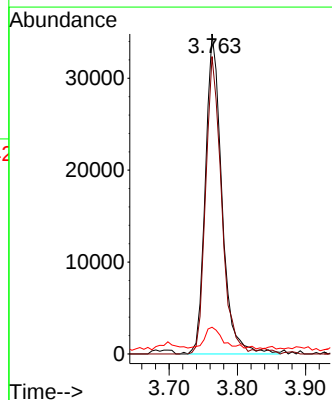
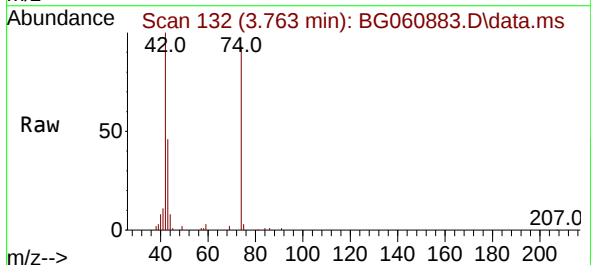
Ion	Ratio	Lower	Upper
79	100		
52	110.6	80.6	120.8
51	54.4	39.1	58.7

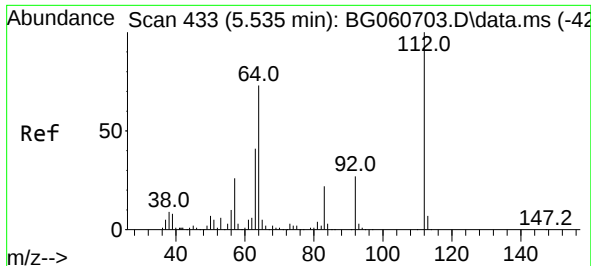


#4
 n-Nitrosodimethylamine
 Concen: 20.007 ng
 RT: 3.763 min Scan# 132
 Delta R.T. -0.004 min
 Lab File: BG060883.D
 Acq: 12 Apr 2024 21:06

Tgt Ion: 42 Resp: 58666

Ion	Ratio	Lower	Upper
42	100		
74	92.9	77.8	116.8
44	8.3	6.8	10.2

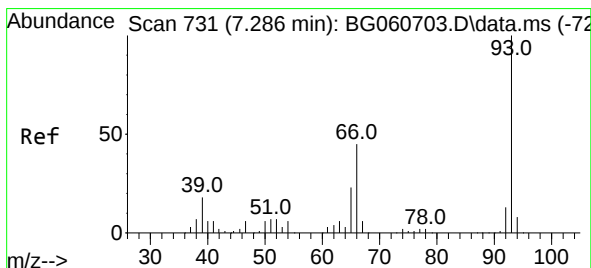
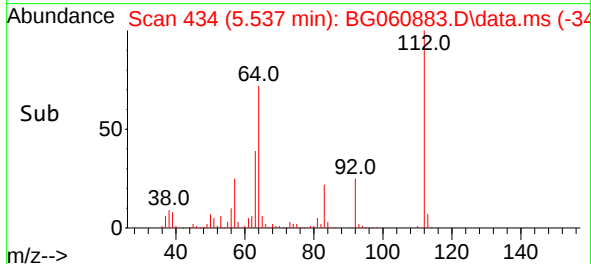
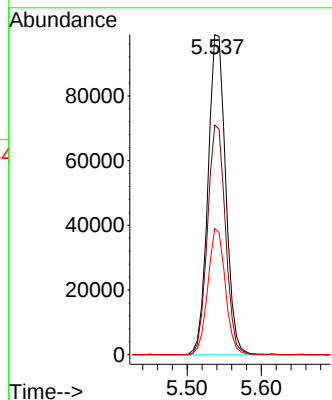
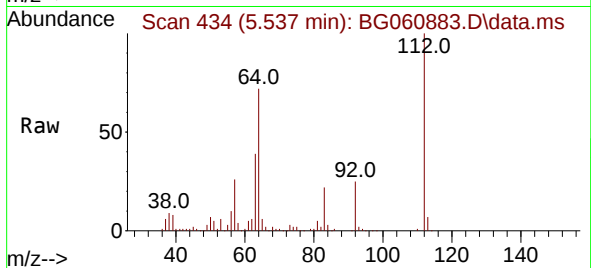




#5
2-Fluorophenol
Concen: 41.202 ng
RT: 5.537 min Scan# 41
Delta R.T. 0.002 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

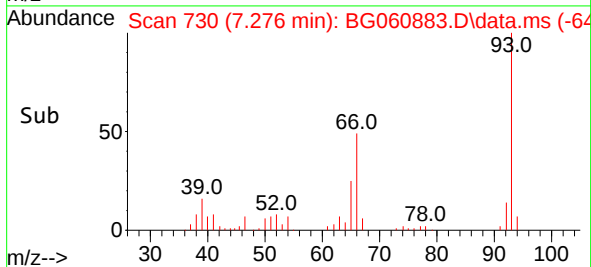
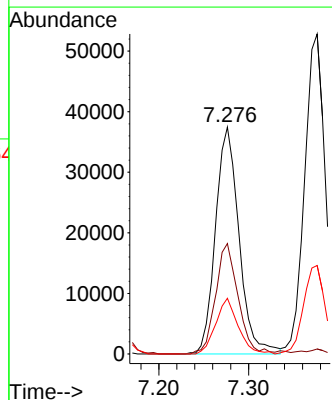
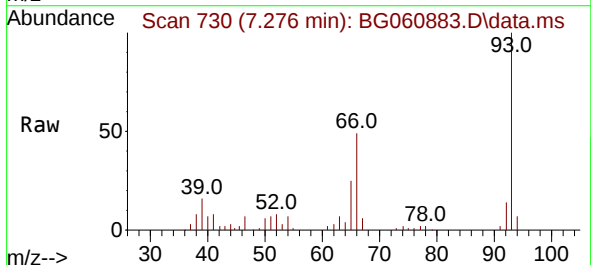
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MSD

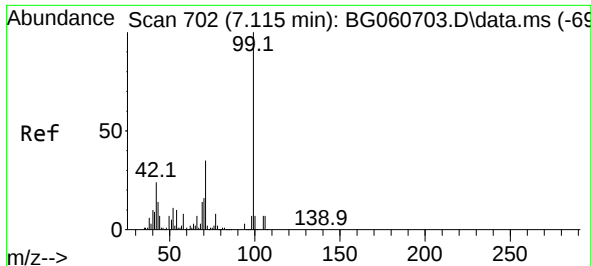
Tgt Ion:112 Resp: 163432
Ion Ratio Lower Upper
112 100
64 71.8 58.4 87.6
63 39.4 32.7 49.1



#6
Aniline
Concen: 9.180 ng
RT: 7.276 min Scan# 730
Delta R.T. -0.009 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

Tgt Ion: 93 Resp: 68260
Ion Ratio Lower Upper
93 100
66 48.7 36.1 54.1
65 24.5 18.1 27.1

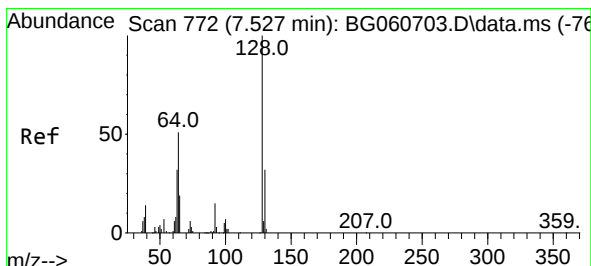
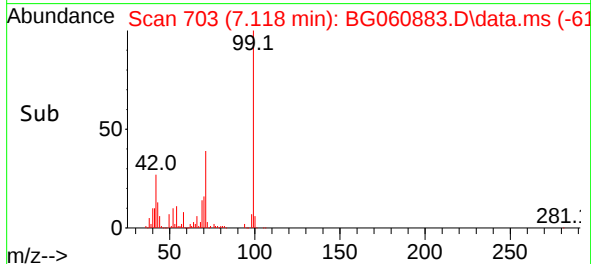
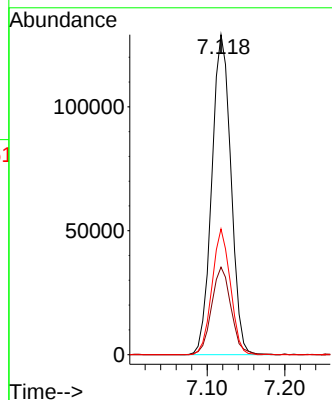
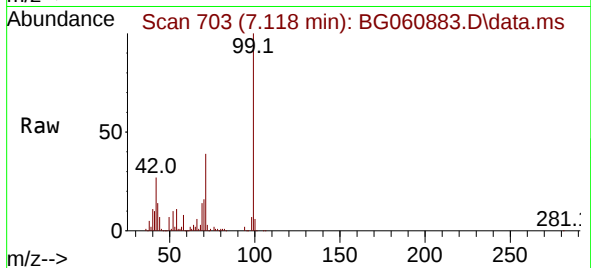




#7
Phenol-d6
Concen: 37.596 ng
RT: 7.118 min Scan# 702
Delta R.T. 0.002 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

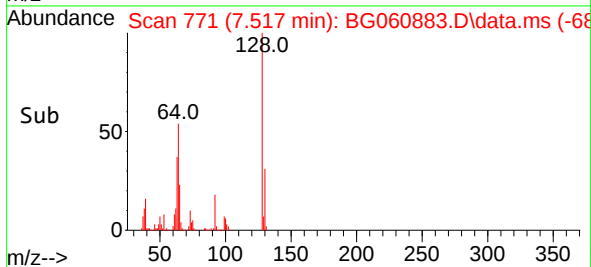
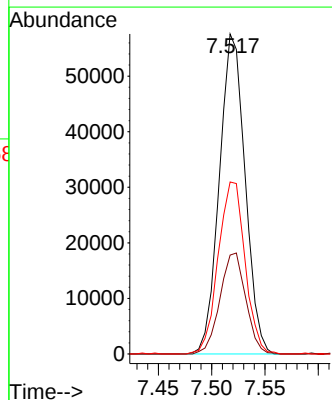
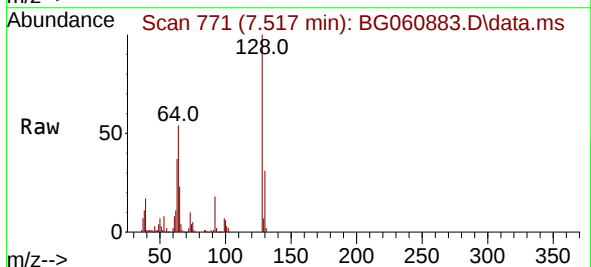
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MSD

Tgt Ion: 99 Resp: 221364
Ion Ratio Lower Upper
99 100
42 27.4 19.4 29.2
71 39.3 28.2 42.2



#8
2-Chlorophenol
Concen: 21.461 ng
RT: 7.517 min Scan# 771
Delta R.T. -0.009 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

Tgt Ion: 128 Resp: 96510
Ion Ratio Lower Upper
128 100
130 30.9 12.3 52.3
64 53.8 35.0 75.0

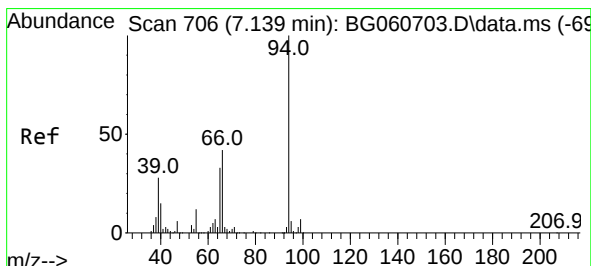
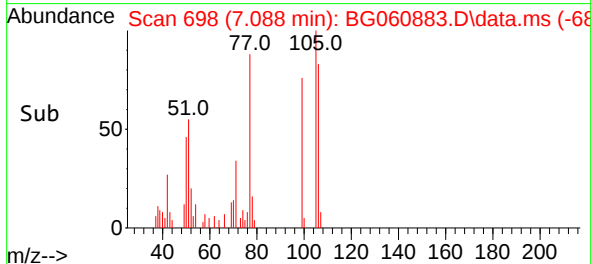
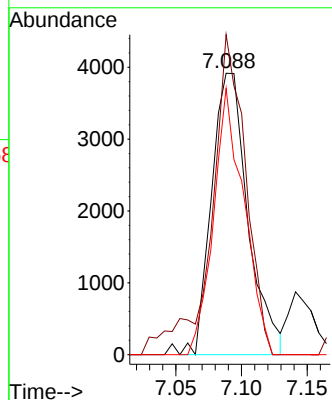
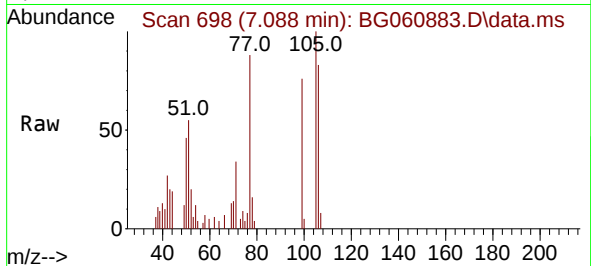




#9
Benzaldehyde
Concen: 2.321 ng
RT: 7.088 min Scan# 69
Delta R.T. -0.010 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

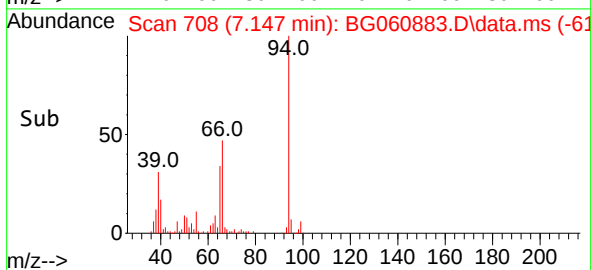
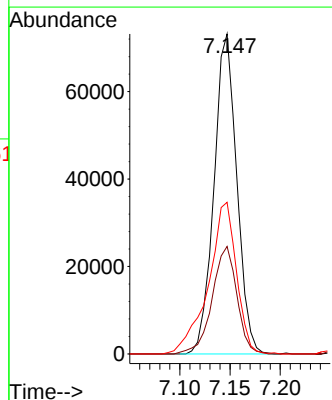
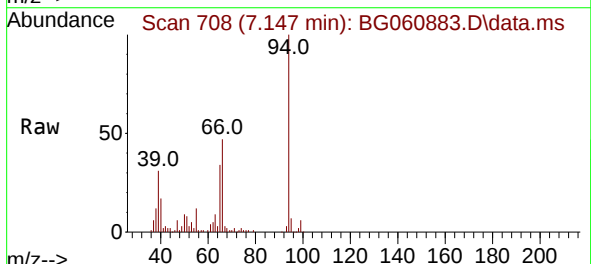
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MSD

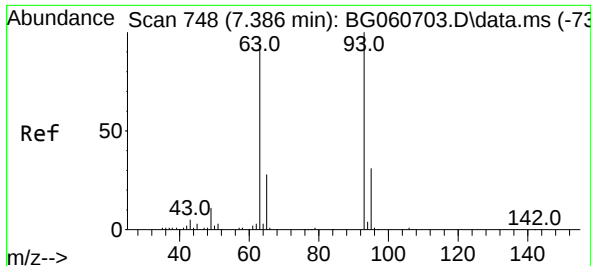
Tgt Ion: 77 Resp: 7536
Ion Ratio Lower Upper
77 100
105 113.7 76.0 116.0
106 94.6 70.3 110.3



#10
Phenol
Concen: 19.240 ng
RT: 7.147 min Scan# 708
Delta R.T. 0.008 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

Tgt Ion: 94 Resp: 115615
Ion Ratio Lower Upper
94 100
65 33.6 13.3 53.3
66 47.4 22.9 62.9

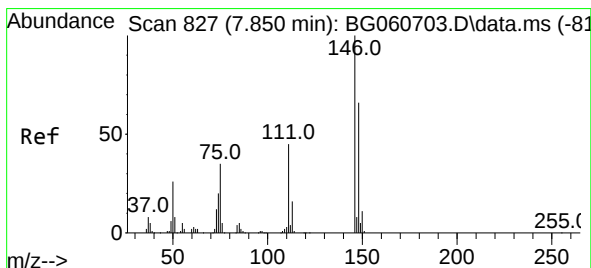
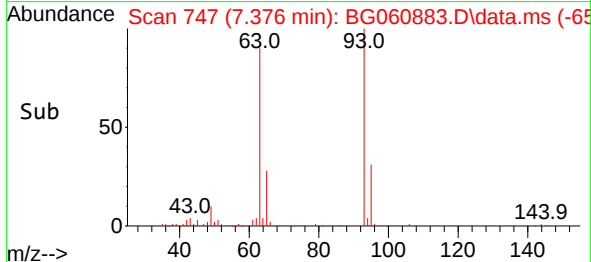
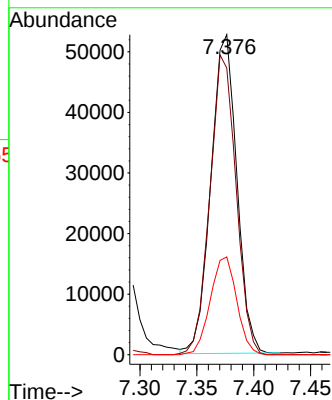
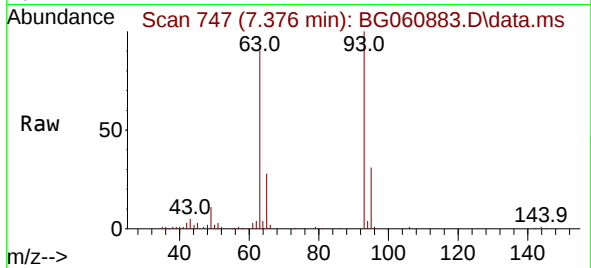




#11
bis(2-Chloroethyl)ether
Concen: 17.204 ng
RT: 7.376 min Scan# 748
Delta R.T. -0.009 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

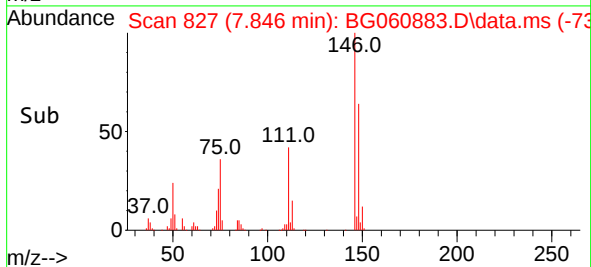
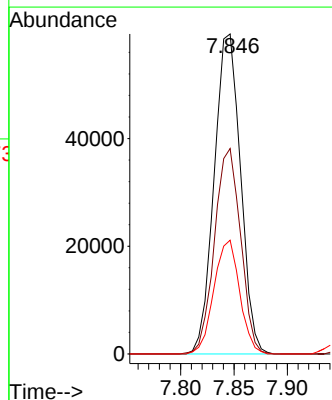
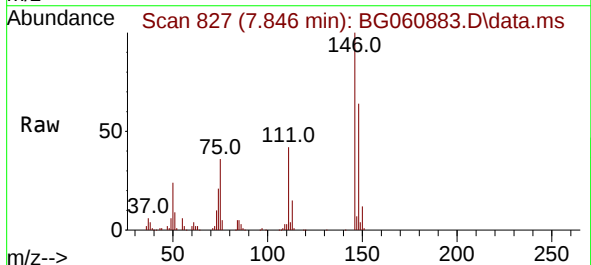
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MSD

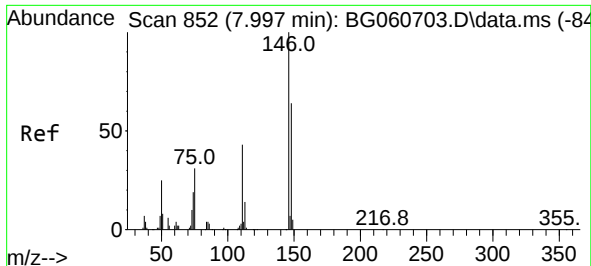
Tgt Ion: 93 Resp: 83467
Ion Ratio Lower Upper
93 100
63 89.6 73.7 113.7
95 30.5 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 21.827 ng
RT: 7.846 min Scan# 827
Delta R.T. -0.004 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

Tgt Ion:146 Resp: 102071
Ion Ratio Lower Upper
146 100
148 64.2 53.0 79.4
75 35.5 28.1 42.1

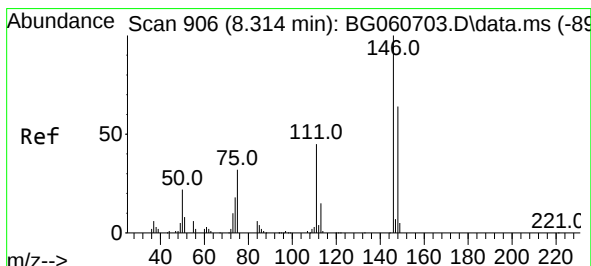
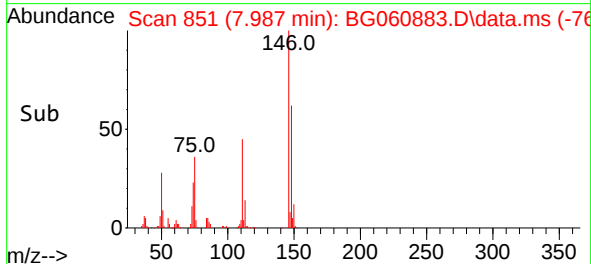
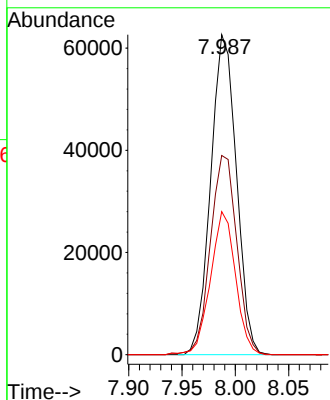
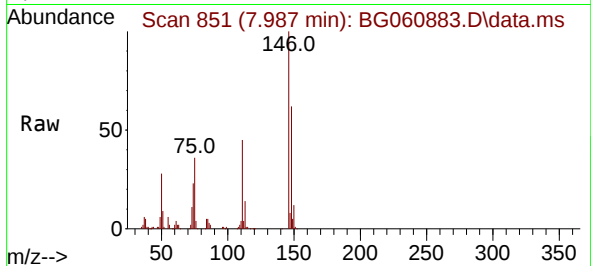




#13
1,4-Dichlorobenzene
Concen: 21.996 ng
RT: 7.987 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

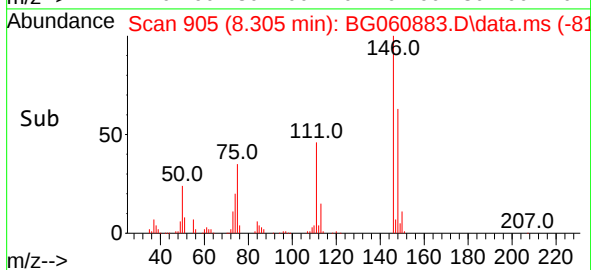
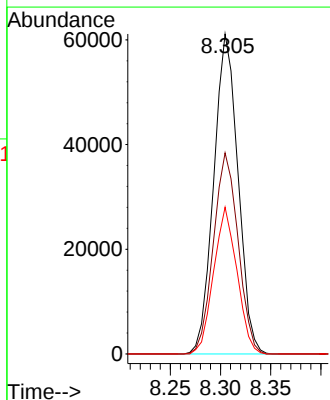
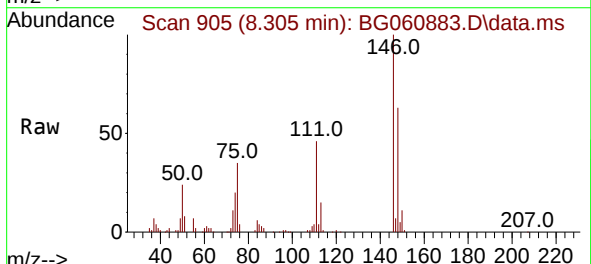
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MSD

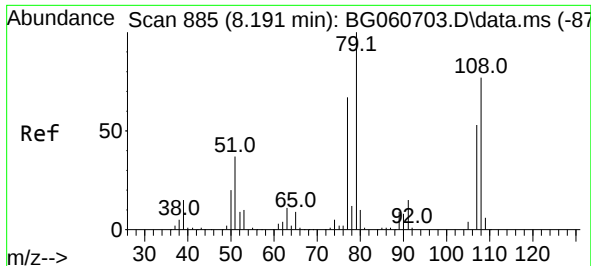
Tgt Ion:146 Resp: 104944
Ion Ratio Lower Upper
146 100
148 62.2 51.1 76.7
111 44.7 35.0 52.6



#14
1,2-Dichlorobenzene
Concen: 21.948 ng
RT: 8.305 min Scan# 905
Delta R.T. -0.009 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

Tgt Ion:146 Resp: 102618
Ion Ratio Lower Upper
146 100
148 62.9 51.0 76.6
111 45.9 36.0 54.0

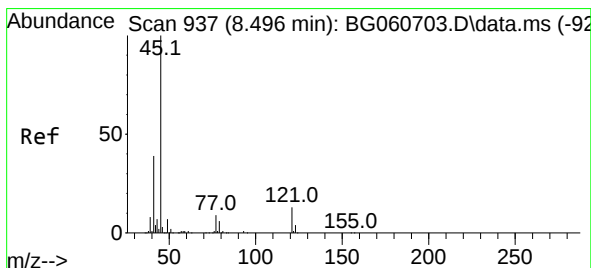
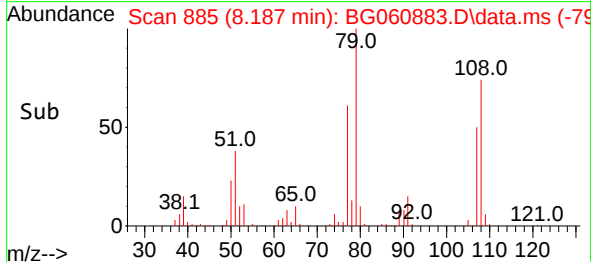
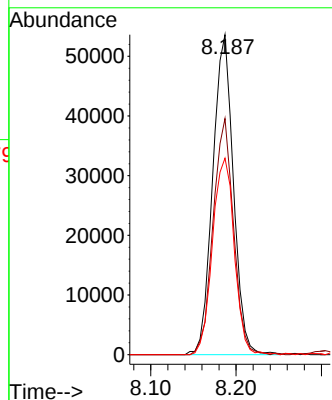
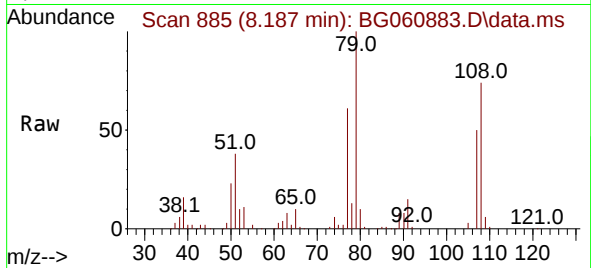




#15
Benzyl Alcohol
Concen: 18.930 ng
RT: 8.187 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

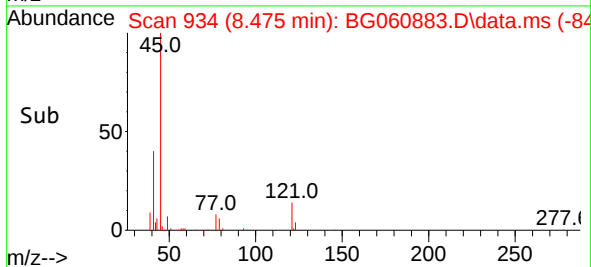
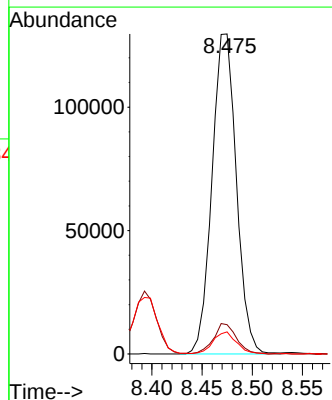
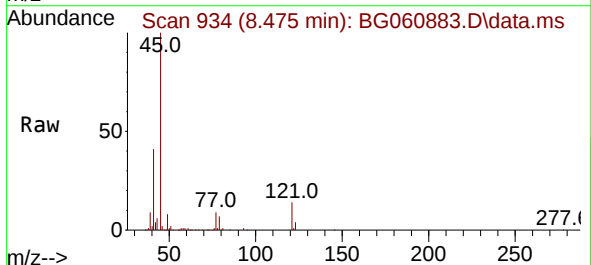
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MSD

Tgt Ion: 79 Resp: 90287
Ion Ratio Lower Upper
79 100
108 73.8 61.4 92.0
77 61.4 53.6 80.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.015 ng
RT: 8.475 min Scan# 934
Delta R.T. -0.021 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

Tgt Ion: 45 Resp: 219143
Ion Ratio Lower Upper
45 100
77 9.1 0.0 29.1
79 6.9 0.0 26.5

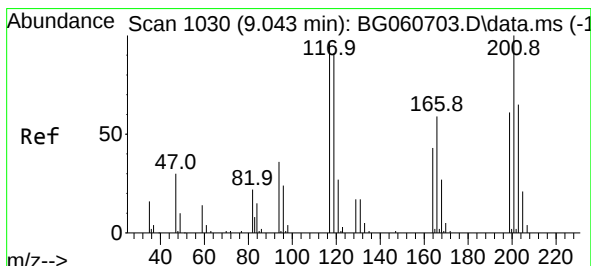
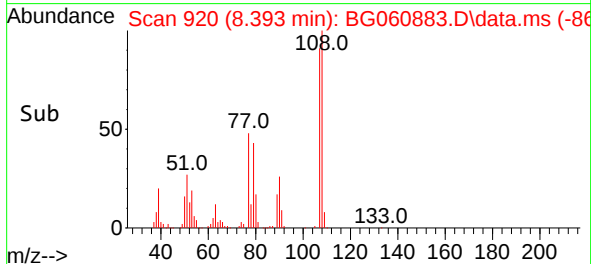
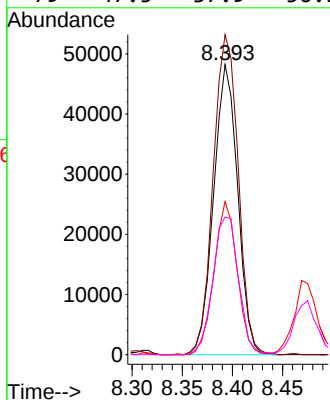
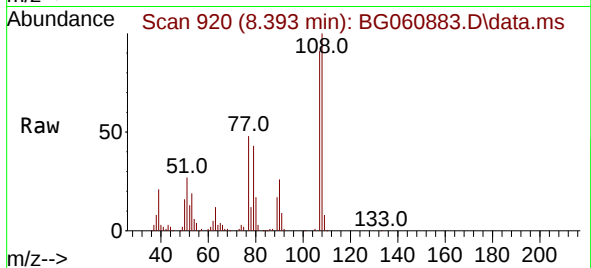




#17
2-Methylphenol
Concen: 17.691 ng
RT: 8.393 min Scan# 919
Delta R.T. 0.002 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

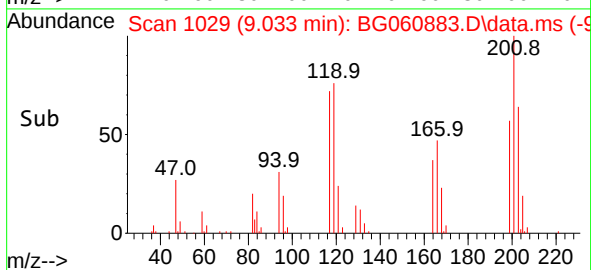
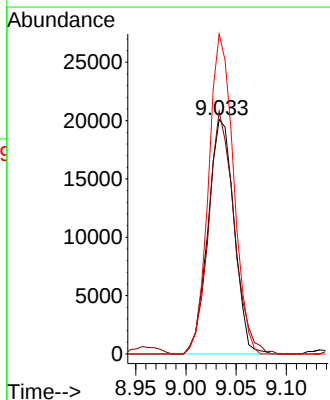
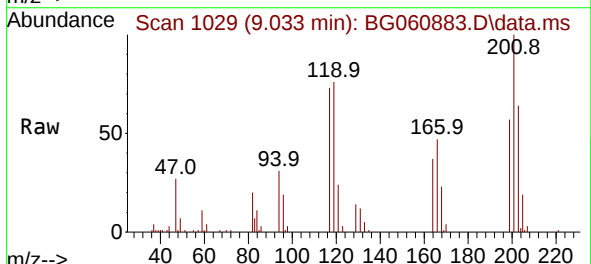
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MSD

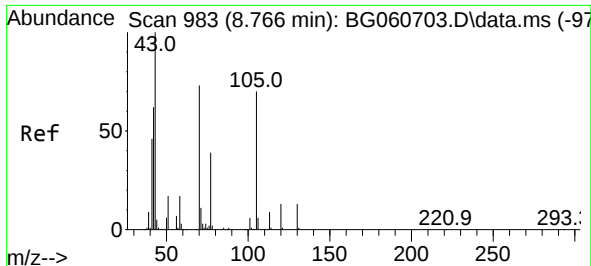
Tgt Ion:	107	Resp:	80251
Ion Ratio	Lower	Upper	
107	100		
108	110.3	86.4	129.6
77	52.8	38.6	58.0
79	47.5	37.9	56.9



#18
Hexachloroethane
Concen: 21.396 ng
RT: 9.033 min Scan# 1029
Delta R.T. -0.009 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

Tgt Ion:	117	Resp:	36254
Ion Ratio	Lower	Upper	
117	100		
119	103.4	75.7	113.5
201	136.6	83.4	125.2#

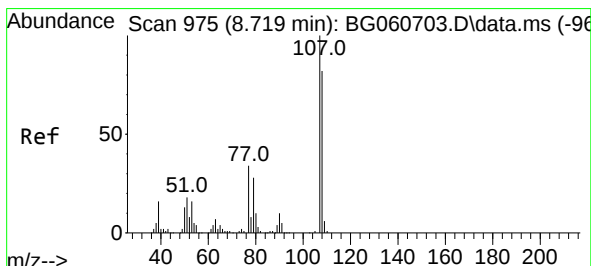
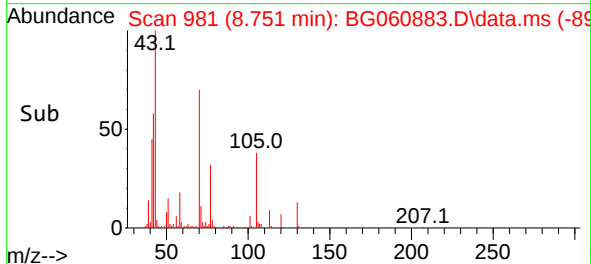
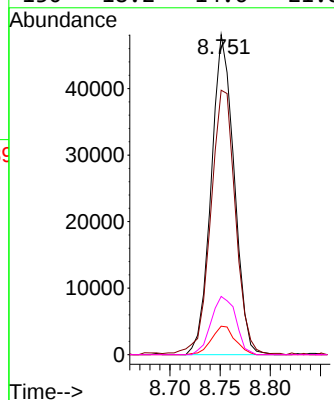
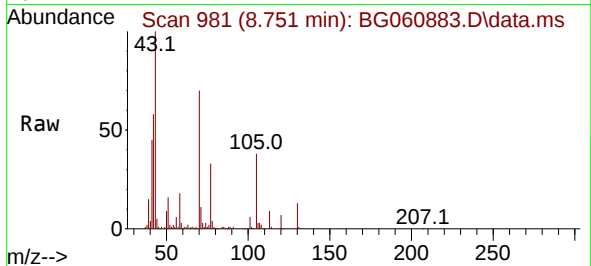




#19
n-Nitroso-di-n-propylamine
Concen: 17.028 ng
RT: 8.751 min Scan# 981
Delta R.T. -0.015 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

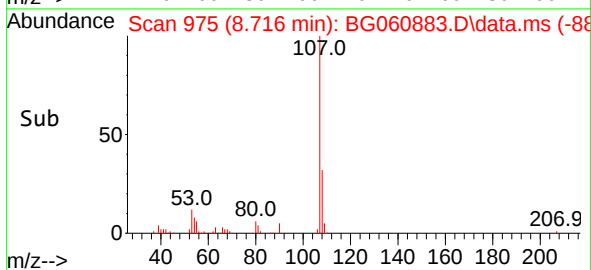
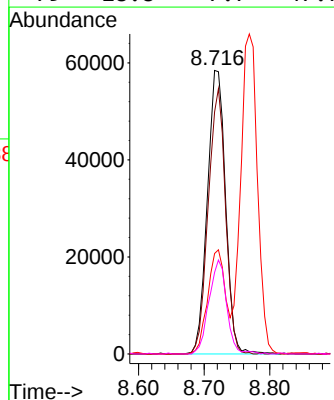
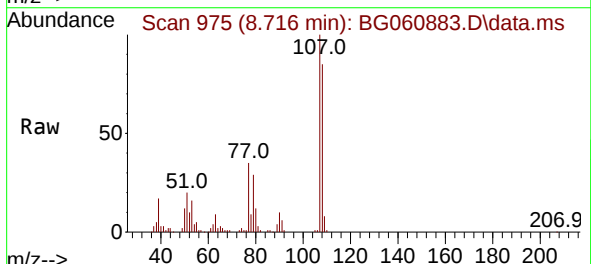
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MSD

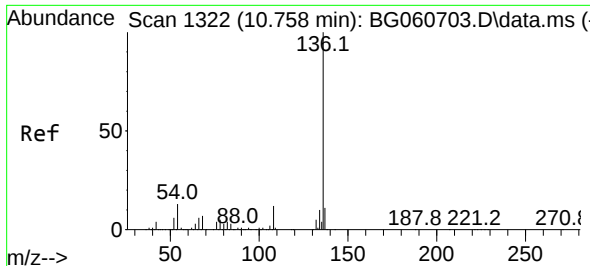
Tgt Ion:	70	Resp:	76460
Ion	Ratio	Lower	Upper
70	100		
42	82.6	68.4	102.6
101	8.9	6.1	9.1
130	18.2	14.6	21.8



#20
3+4-Methylphenols
Concen: 18.125 ng
RT: 8.716 min Scan# 975
Delta R.T. -0.004 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

Tgt Ion:	107	Resp:	112587
Ion	Ratio	Lower	Upper
107	100		
108	85.4	62.2	102.2
77	35.4	14.1	54.1
79	28.8	7.7	47.7

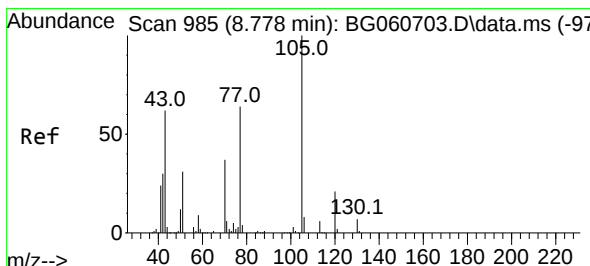
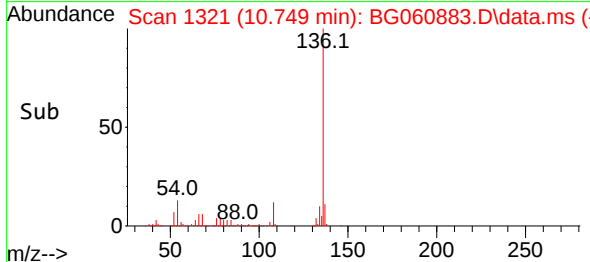
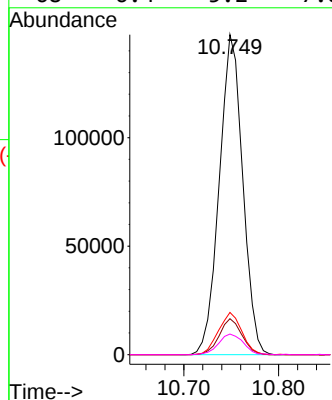
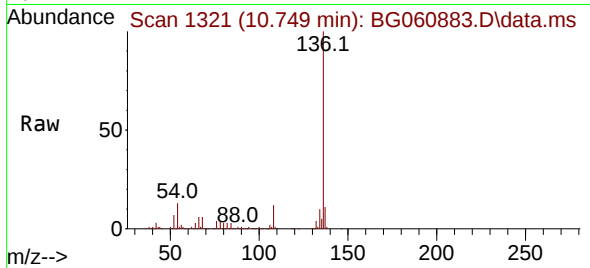




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.749 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

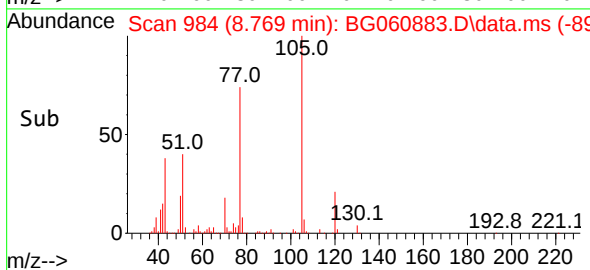
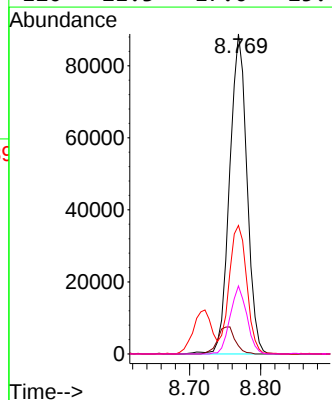
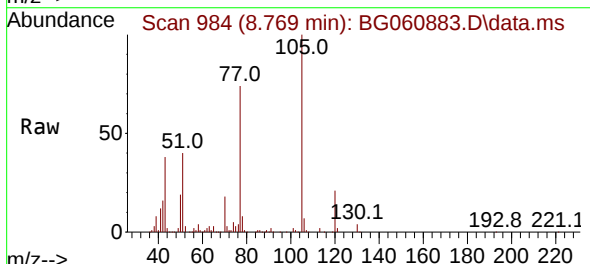
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MSD

Tgt Ion:	136	Resp:	253243
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	13.2	10.2	15.2
68	6.4	5.2	7.8



#22
Acetophenone
Concen: 21.504 ng
RT: 8.769 min Scan# 984
Delta R.T. -0.009 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

Tgt Ion:	105	Resp:	150158
Ion	Ratio	Lower	Upper
105	100		
71	2.5	4.9	7.3
51	40.1	31.1	46.7
120	21.3	17.0	25.4





#23

Nitrobenzene-d5

Concen: 34.539 ng

RT: 9.104 min Scan# 1041

Delta R.T. -0.009 min

Lab File: BG060883.D

Acq: 12 Apr 2024 21:06

Instrument :

BNA_G

ClientSampleId :

TR-05-04112024MSD

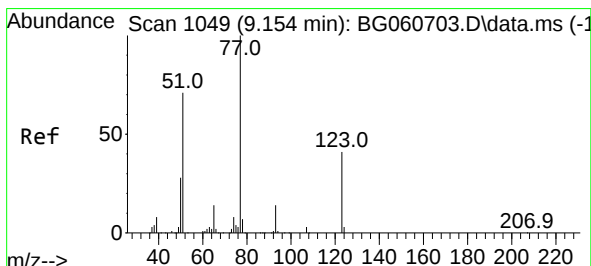
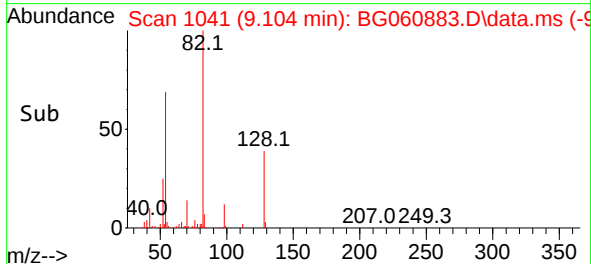
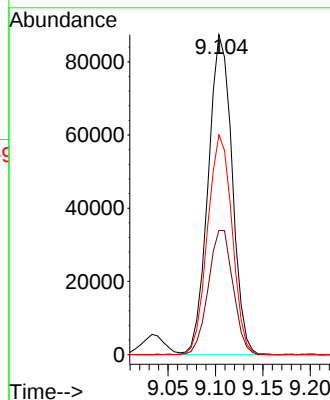
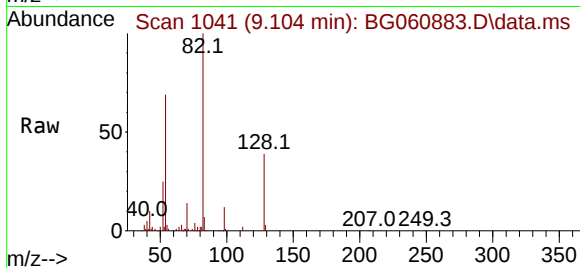
Tgt Ion: 82 Resp: 153285

Ion Ratio Lower Upper

82 100

128 38.9 31.2 46.8

54 68.7 53.2 79.8



#24

Nitrobenzene

Concen: 23.880 ng

RT: 9.151 min Scan# 1049

Delta R.T. -0.003 min

Lab File: BG060883.D

Acq: 12 Apr 2024 21:06

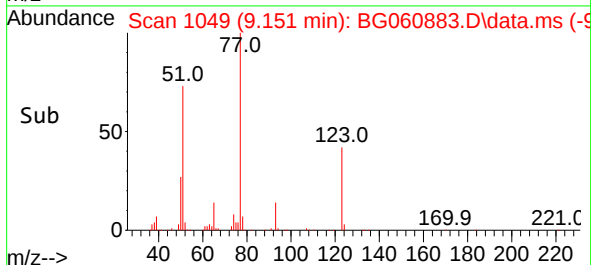
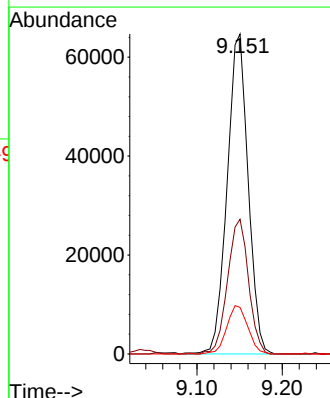
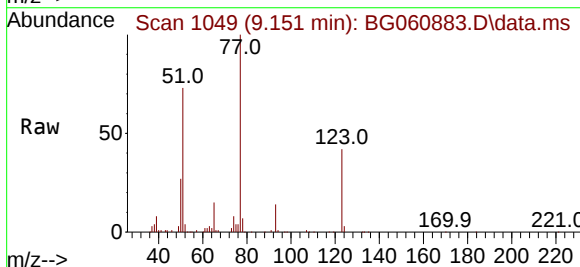
Tgt Ion: 77 Resp: 110663

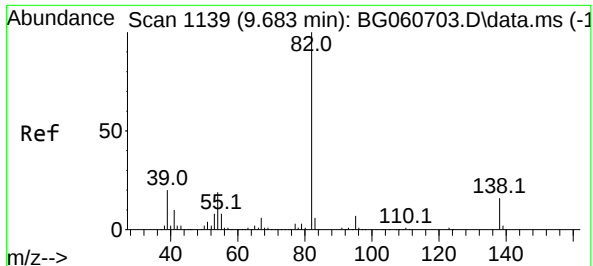
Ion Ratio Lower Upper

77 100

123 42.1 32.7 49.1

65 14.5 11.3 16.9





#25

Isophorone

Concen: 20.052 ng

RT: 9.674 min Scan# 1139

Delta R.T. -0.009 min

Lab File: BG060883.D

Acq: 12 Apr 2024 21:06

Instrument :

BNA_G

ClientSampleId :

TR-05-04112024MSD

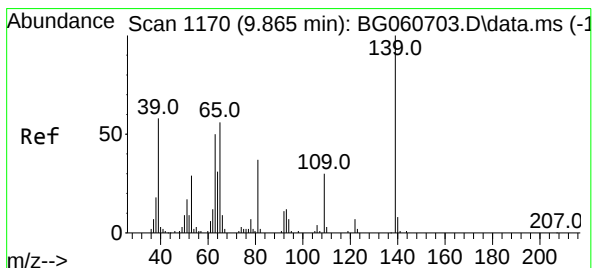
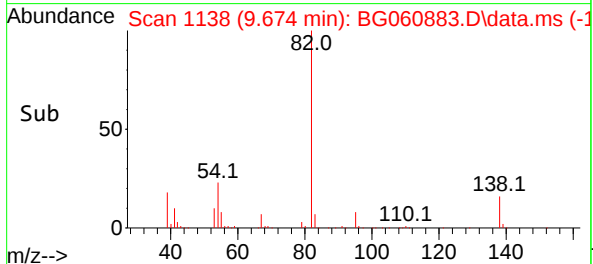
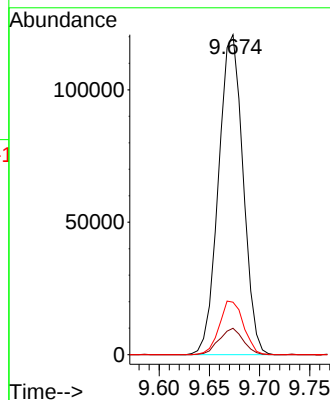
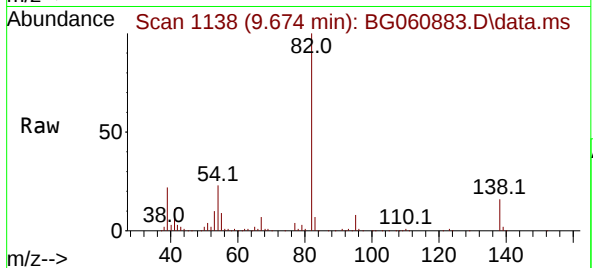
Tgt Ion: 82 Resp: 204976

Ion Ratio Lower Upper

82 100

95 8.2 5.8 8.8

138 16.4 13.0 19.4



#26

2-Nitrophenol

Concen: 30.855 ng

RT: 9.862 min Scan# 1170

Delta R.T. -0.003 min

Lab File: BG060883.D

Acq: 12 Apr 2024 21:06

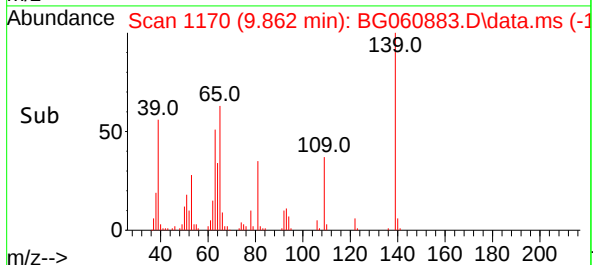
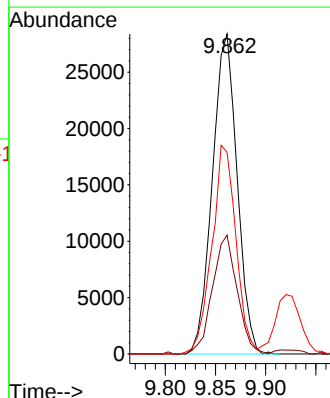
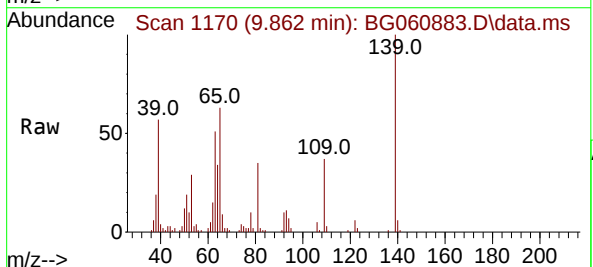
Tgt Ion:139 Resp: 48617

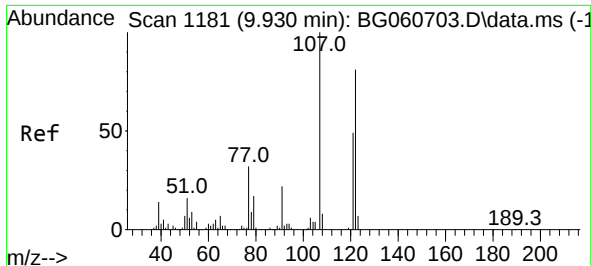
Ion Ratio Lower Upper

139 100

109 37.1 23.9 35.9#

65 63.0 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 17.183 ng

RT: 9.920 min Scan# 1181

Delta R.T. -0.010 min

Lab File: BG060883.D

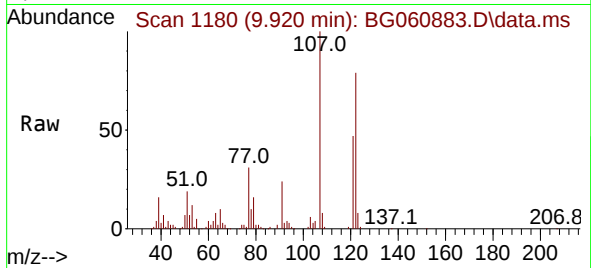
Acq: 12 Apr 2024 21:06

Instrument :

BNA_G

ClientSampleId :

TR-05-04112024MSD



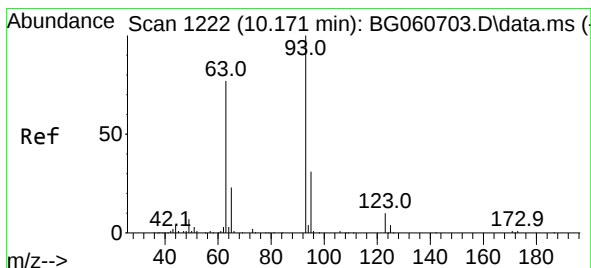
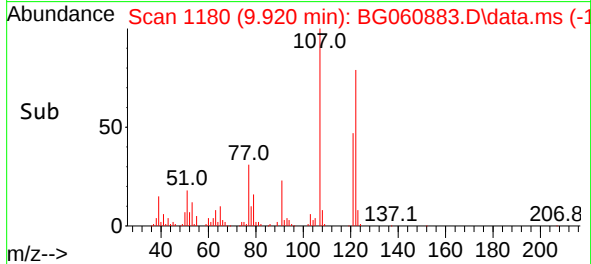
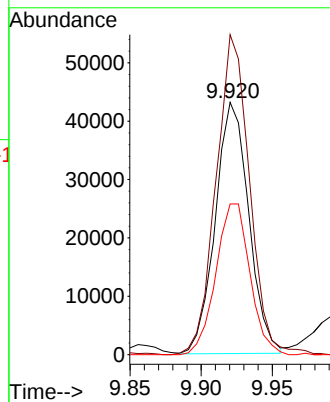
Tgt Ion:122 Resp: 70558

Ion Ratio Lower Upper

122 100

107 126.8 98.6 147.8

121 59.8 48.1 72.1



#28

bis(2-Chloroethoxy)methane

Concen: 19.090 ng

RT: 10.155 min Scan# 1220

Delta R.T. -0.015 min

Lab File: BG060883.D

Acq: 12 Apr 2024 21:06

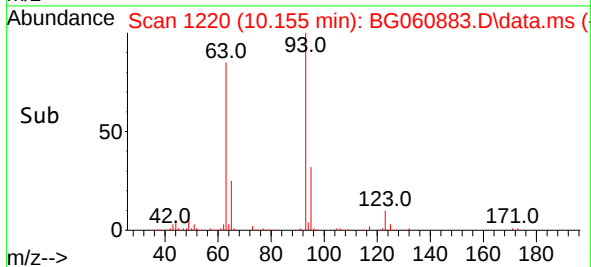
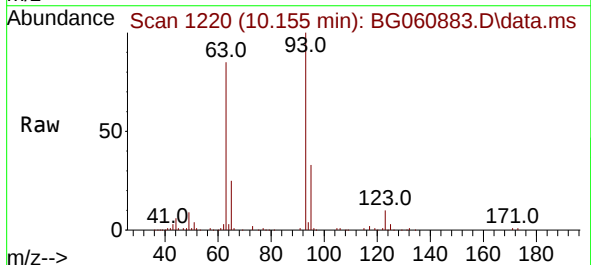
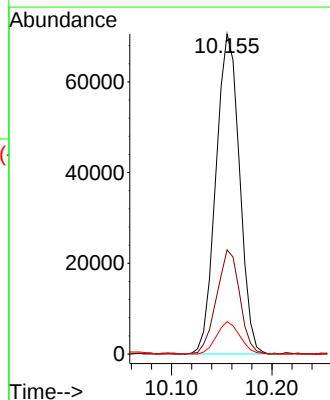
Tgt Ion: 93 Resp: 115208

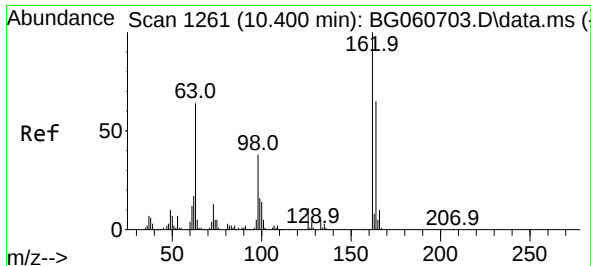
Ion Ratio Lower Upper

93 100

95 32.5 25.1 37.7

123 10.1 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 24.091 ng

RT: 10.396 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG060883.D

Acq: 12 Apr 2024 21:06

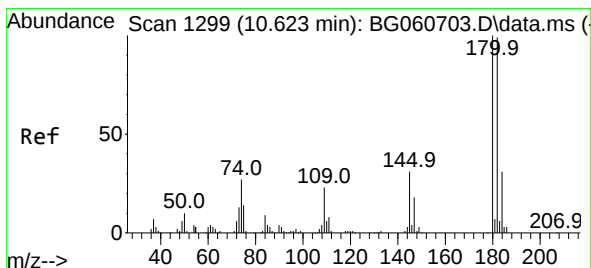
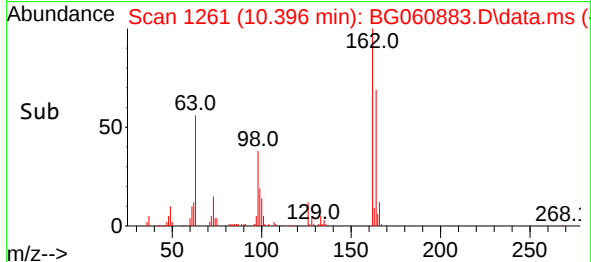
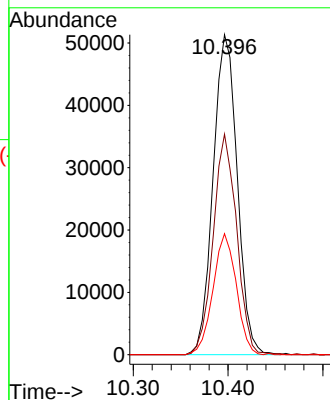
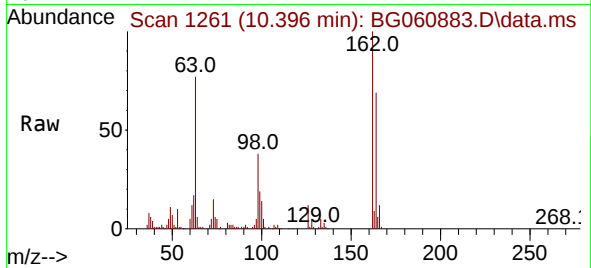
Instrument :

BNA_G

ClientSampleId :

TR-05-04112024MSD

Tgt Ion:162	Resp:	90840
Ion Ratio	Lower	Upper
162	100	
164	68.9	45.2 85.2
98	37.8	17.7 57.7



#30

1,2,4-Trichlorobenzene

Concen: 25.178 ng

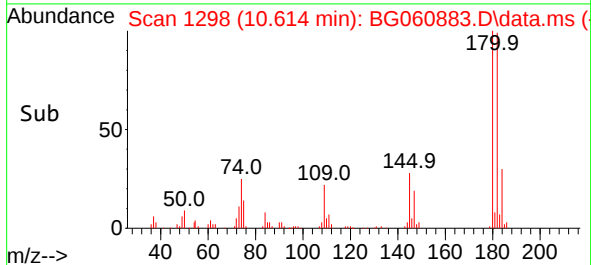
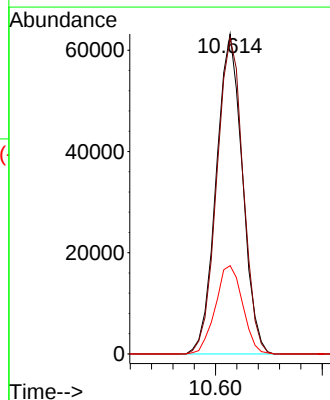
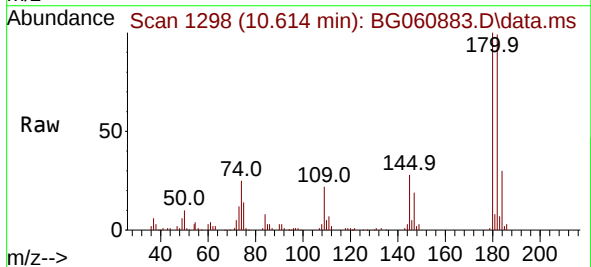
RT: 10.614 min Scan# 1298

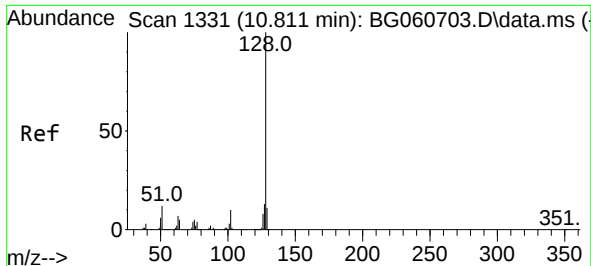
Delta R.T. -0.009 min

Lab File: BG060883.D

Acq: 12 Apr 2024 21:06

Tgt Ion:180	Resp:	107504
Ion Ratio	Lower	Upper
180	100	
182	98.8	79.0 118.4
145	27.6	24.9 37.3

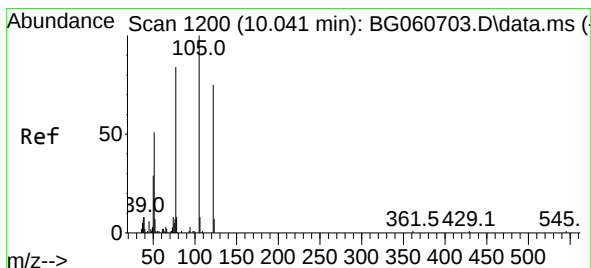
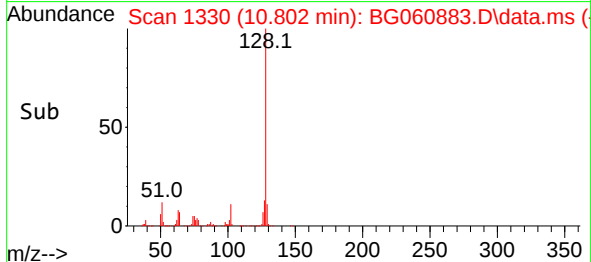
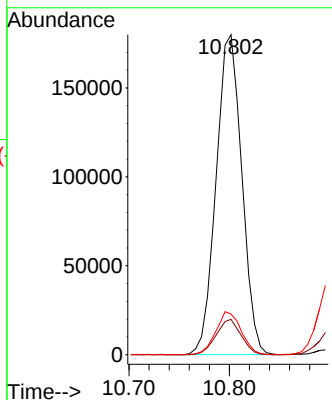
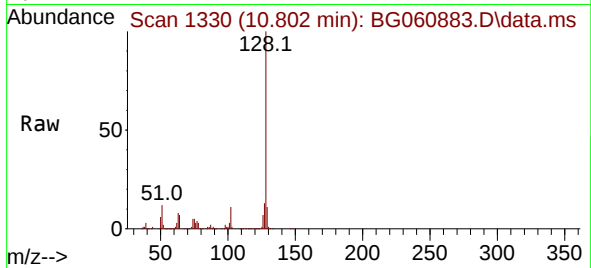




#31
Naphthalene
Concen: 23.358 ng
RT: 10.802 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

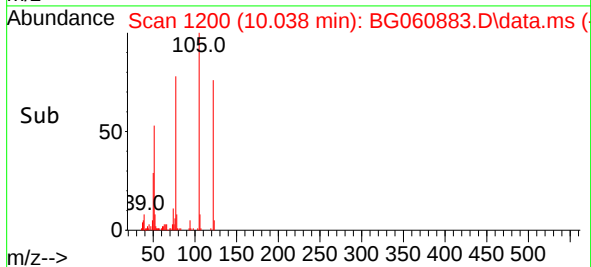
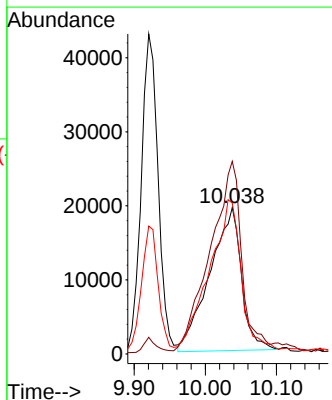
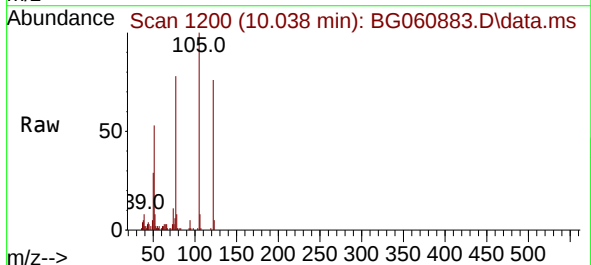
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MSD

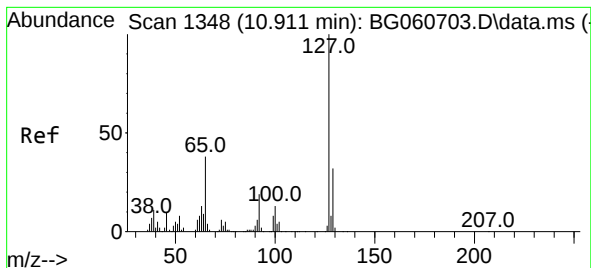
Tgt Ion:128 Resp: 319982
Ion Ratio Lower Upper
128 100
129 11.1 8.5 12.7
127 12.7 10.5 15.7



#32
Benzoic acid
Concen: 25.626 ng
RT: 10.038 min Scan# 1200
Delta R.T. -0.003 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

Tgt Ion:122 Resp: 59858
Ion Ratio Lower Upper
122 100
105 131.6 104.5 144.5
77 103.1 85.3 125.3





#33

4-Chloroaniline

Concen: 12.566 ng

RT: 10.901 min Scan# 11

Delta R.T. -0.009 min

Lab File: BG060883.D

Acq: 12 Apr 2024 21:06

Instrument :

BNA_G

ClientSampleId :

TR-05-04112024MSD

Tgt Ion:127 Resp: 79952

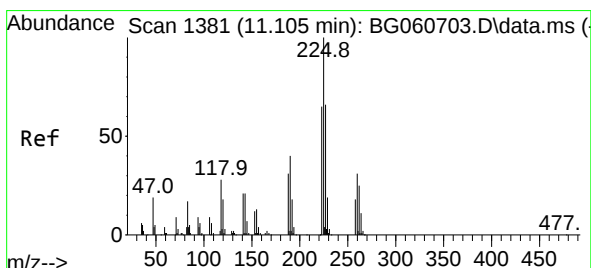
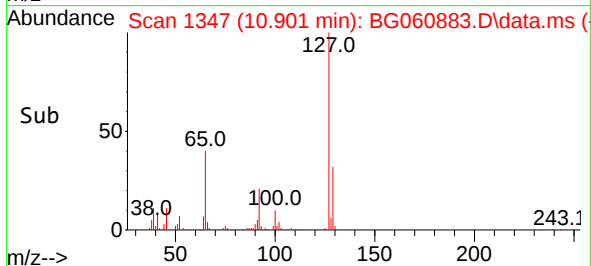
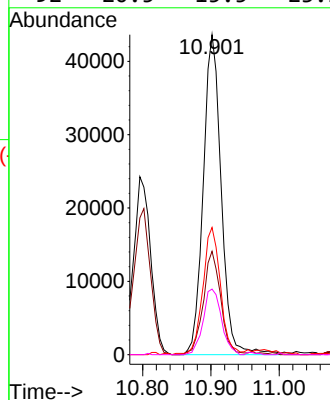
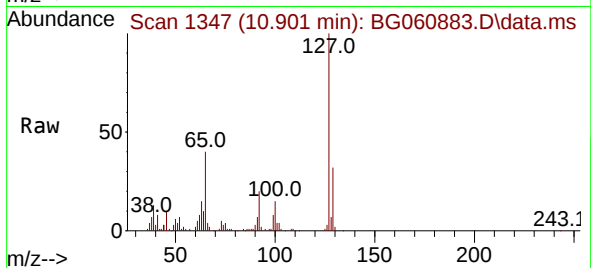
Ion Ratio Lower Upper

127 100

129 32.3 25.3 37.9

65 39.8 30.2 45.2

92 20.5 15.5 23.3



#34

Hexachlorobutadiene

Concen: 27.259 ng

RT: 11.089 min Scan# 1379

Delta R.T. -0.015 min

Lab File: BG060883.D

Acq: 12 Apr 2024 21:06

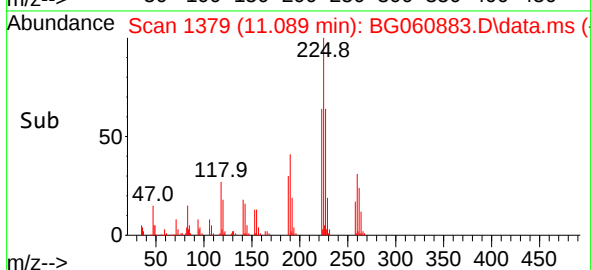
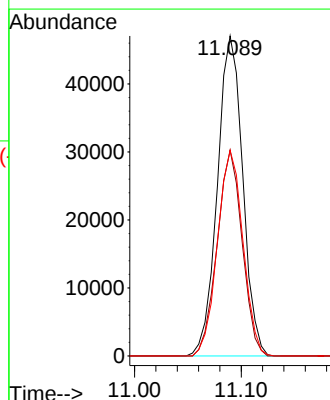
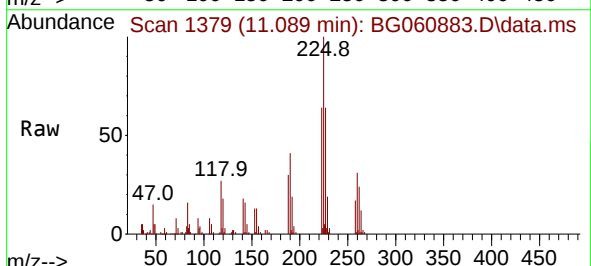
Tgt Ion:225 Resp: 77568

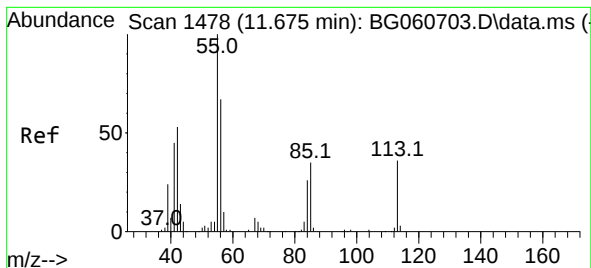
Ion Ratio Lower Upper

225 100

223 64.3 52.0 78.0

227 64.3 52.5 78.7





#35

Caprolactam

Concen: 18.423 ng

RT: 11.665 min Scan# 1478

Delta R.T. -0.009 min

Lab File: BG060883.D

Acq: 12 Apr 2024 21:06

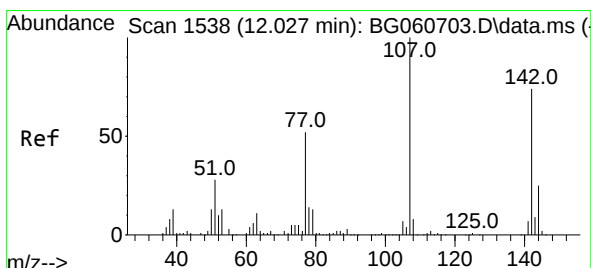
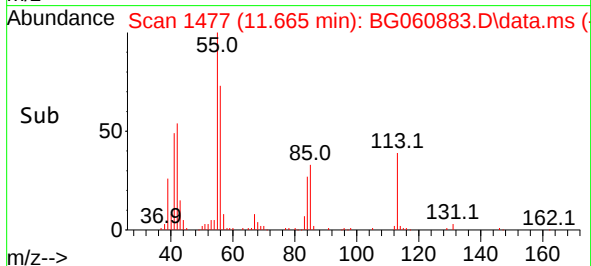
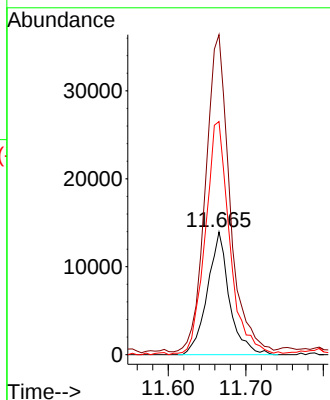
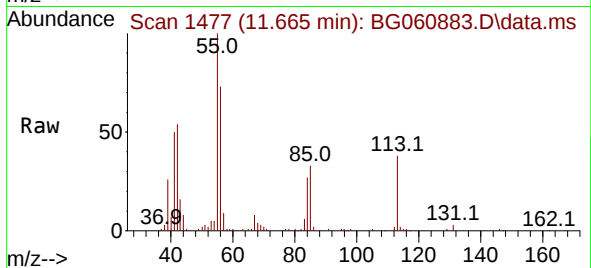
Instrument :

BNA_G

ClientSampleId :

TR-05-04112024MSD

Tgt Ion:113	Resp:	27514
Ion Ratio	Lower	Upper
113	100	
55	260.7	258.0 298.0
56	189.9	166.3 206.3



#36

4-Chloro-3-methylphenol

Concen: 21.742 ng

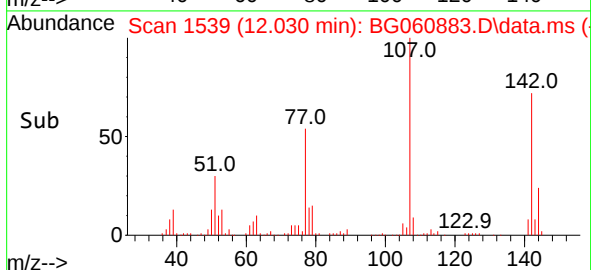
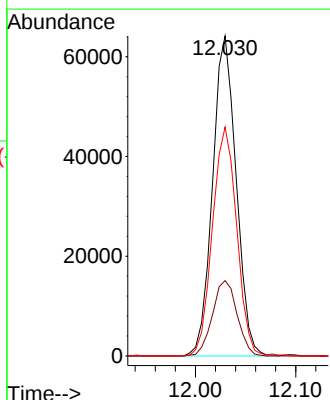
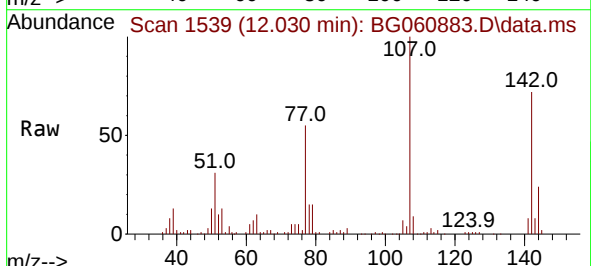
RT: 12.030 min Scan# 1539

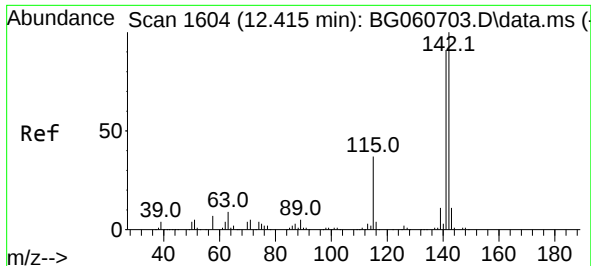
Delta R.T. 0.002 min

Lab File: BG060883.D

Acq: 12 Apr 2024 21:06

Tgt Ion:107	Resp:	104728
Ion Ratio	Lower	Upper
107	100	
144	23.6	20.0 30.0
142	71.6	59.2 88.8





#37

2-Methylnaphthalene

Concen: 22.811 ng

RT: 12.406 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG060883.D

Acq: 12 Apr 2024 21:06

Instrument :

BNA_G

ClientSampleId :

TR-05-04112024MSD

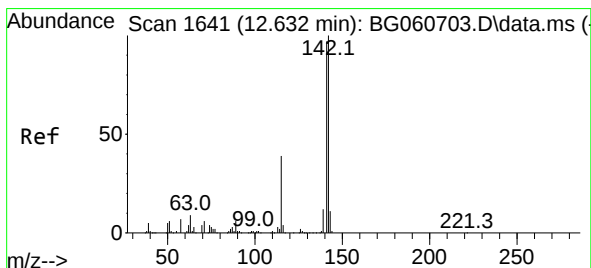
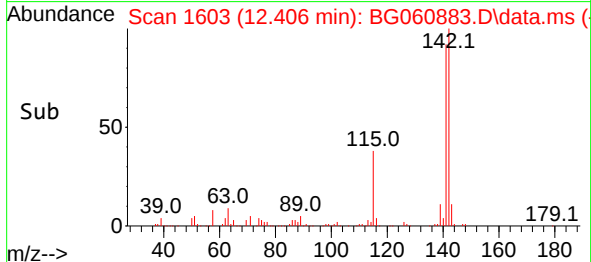
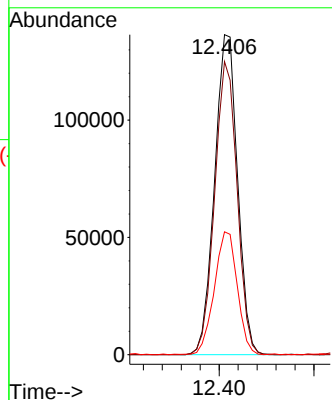
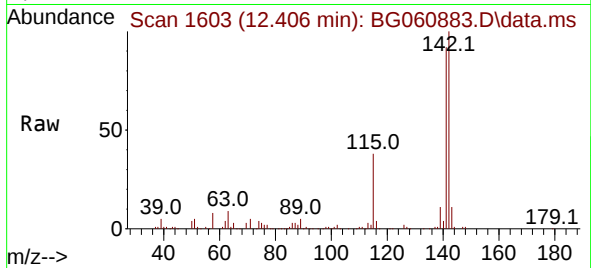
Tgt Ion:142 Resp: 229740

Ion Ratio Lower Upper

142 100

141 91.6 72.7 109.1

115 38.4 29.9 44.9



#38

1-Methylnaphthalene

Concen: 22.692 ng

RT: 12.629 min Scan# 1641

Delta R.T. -0.004 min

Lab File: BG060883.D

Acq: 12 Apr 2024 21:06

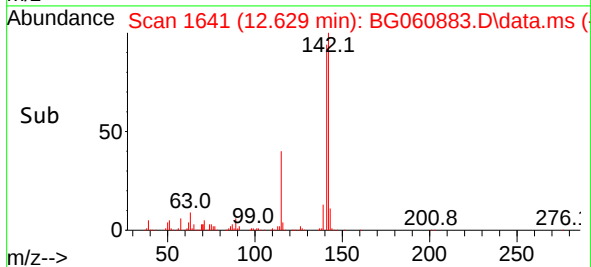
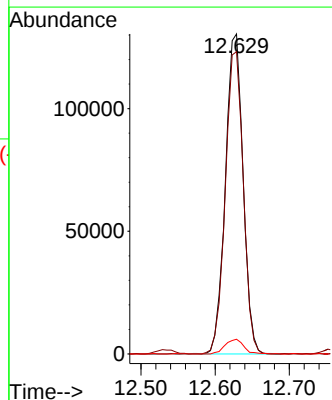
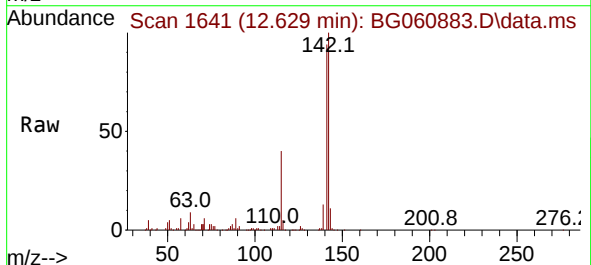
Tgt Ion:142 Resp: 215903

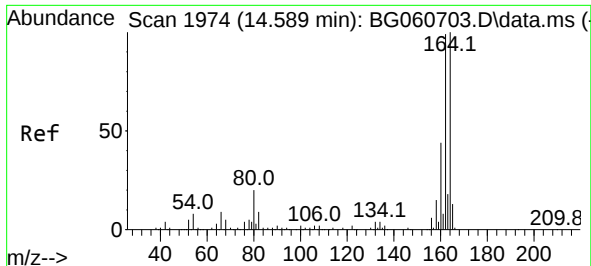
Ion Ratio Lower Upper

142 100

141 94.4 77.7 116.5

116 4.6 3.4 5.2

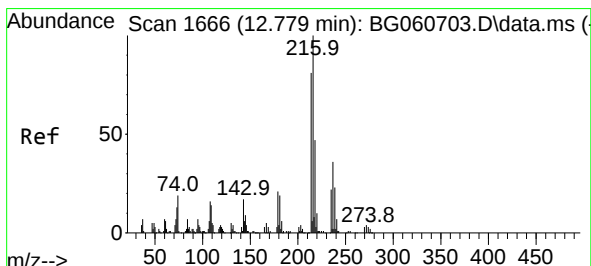
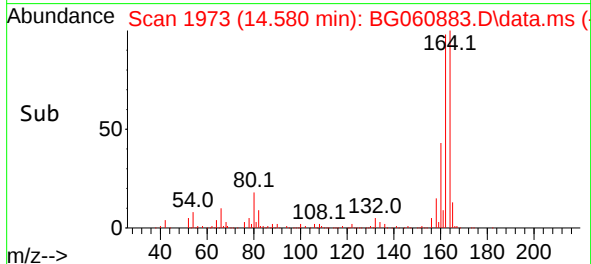
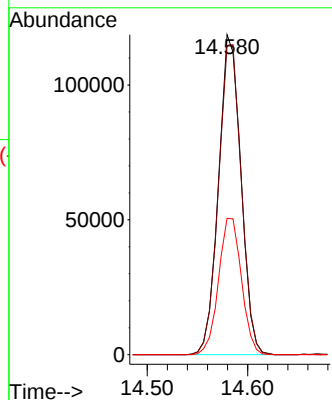
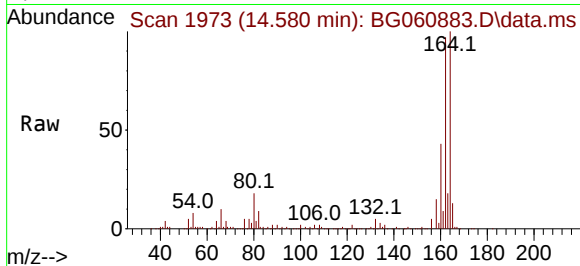




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.580 min Scan# 1974
Delta R.T. -0.009 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

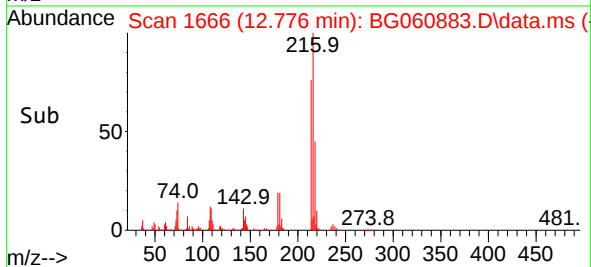
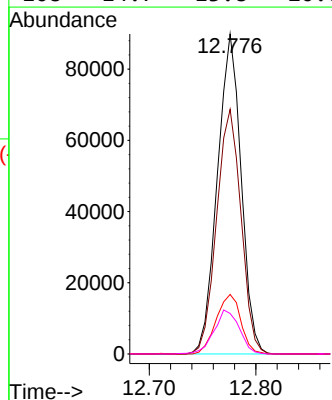
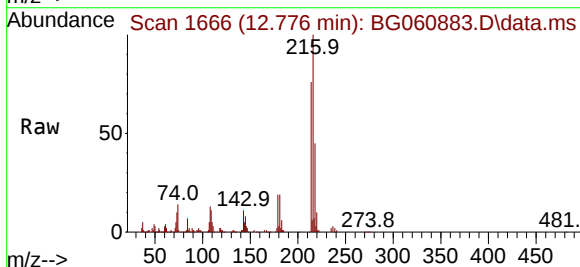
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MSD

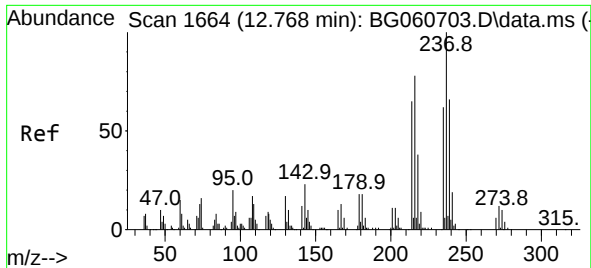
Tgt Ion:164 Resp: 183369
Ion Ratio Lower Upper
164 100
162 96.6 79.5 119.3
160 42.6 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 26.318 ng
RT: 12.776 min Scan# 1666
Delta R.T. -0.004 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

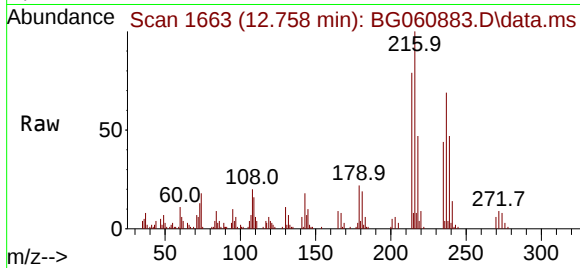
Tgt Ion:216 Resp: 138739
Ion Ratio Lower Upper
216 100
214 78.5 63.1 94.7
179 19.3 16.7 25.1
108 14.7 13.8 20.6



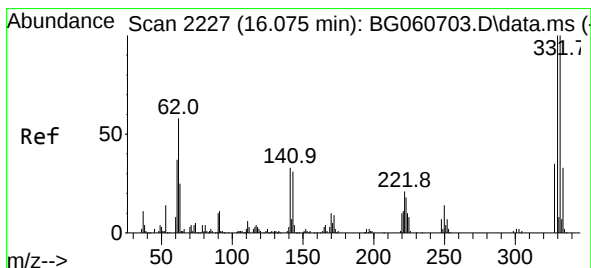
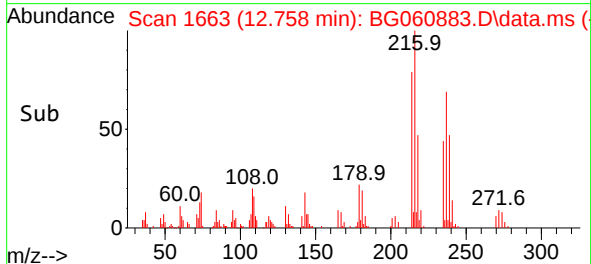
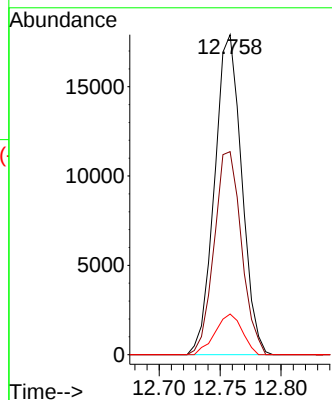


#41
Hexachlorocyclopentadiene
Concen: 10.347 ng
RT: 12.758 min Scan# 1663
Delta R.T. -0.009 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MSD

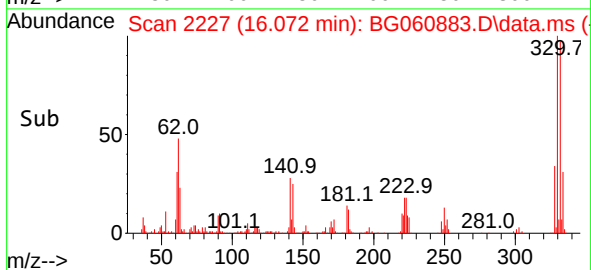
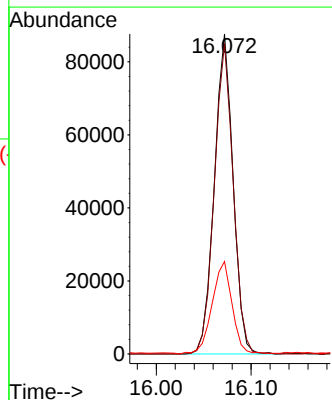
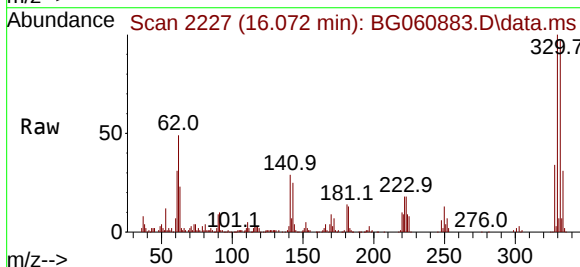


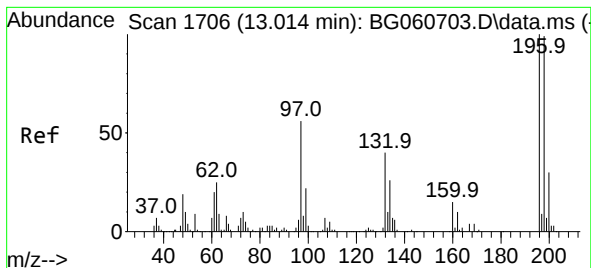
Tgt Ion:	237	Resp:	27735
Ion	Ratio	Lower	Upper
237	100		
235	63.5	42.0	82.0
272	12.7	0.0	32.4



#42
2,4,6-Tribromophenol
Concen: 57.729 ng
RT: 16.072 min Scan# 2227
Delta R.T. -0.004 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

Tgt Ion:	330	Resp:	120164
Ion	Ratio	Lower	Upper
330	100		
332	98.0	78.2	117.4
141	31.0	27.0	40.6

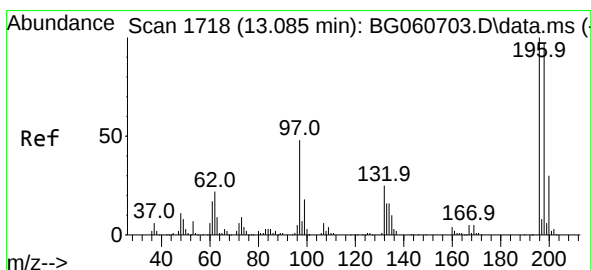
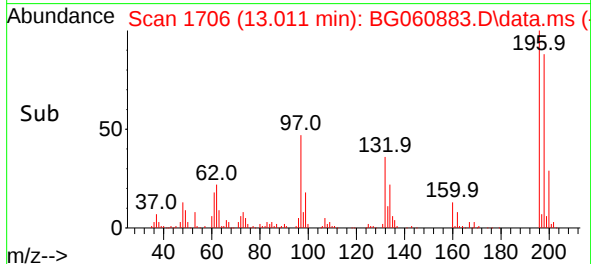
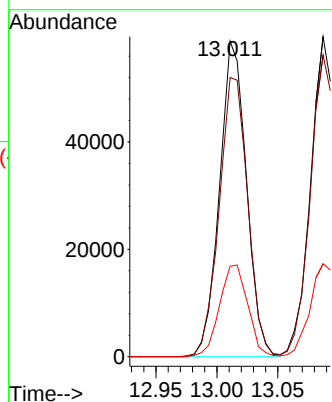
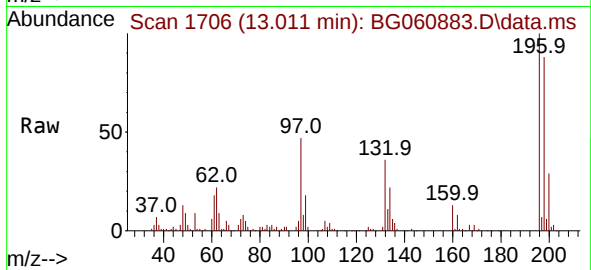




#43
2,4,6-Trichlorophenol
Concen: 26.645 ng
RT: 13.011 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

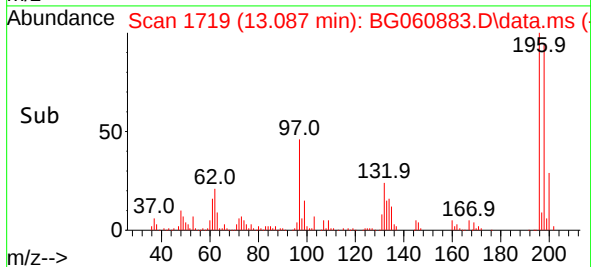
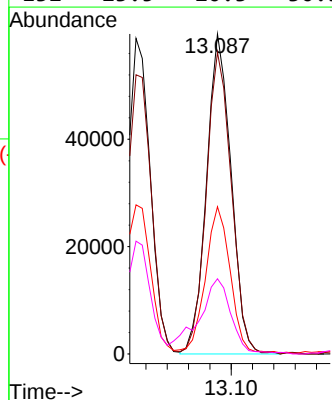
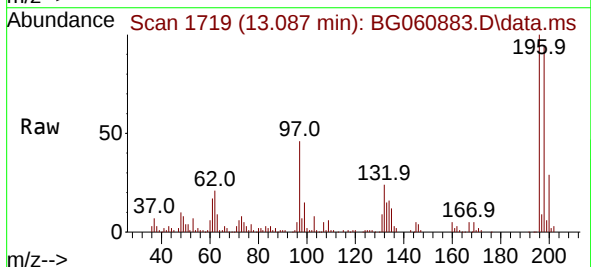
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MSD

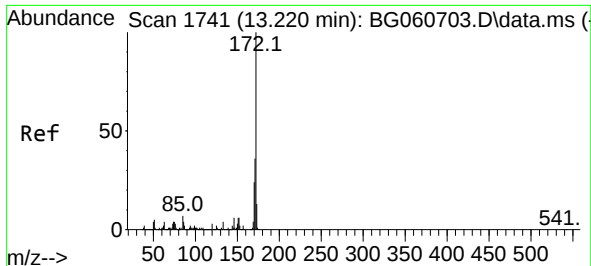
Tgt Ion:196 Resp: 90447
Ion Ratio Lower Upper
196 100
198 88.5 79.1 118.7
200 28.7 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 23.588 ng
RT: 13.087 min Scan# 1719
Delta R.T. 0.002 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

Tgt Ion:196 Resp: 95554
Ion Ratio Lower Upper
196 100
198 94.3 77.8 116.8
97 46.0 38.2 57.4
132 23.5 20.3 30.5

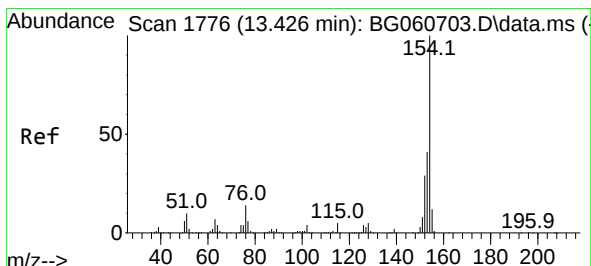
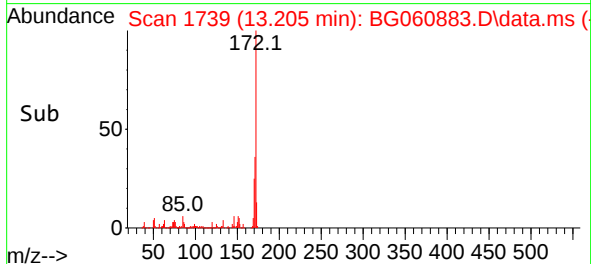
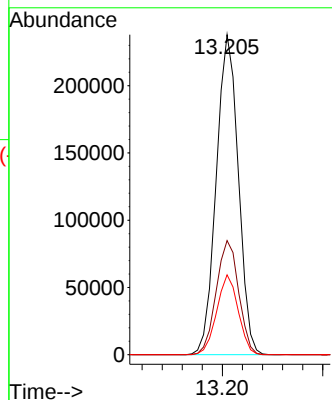
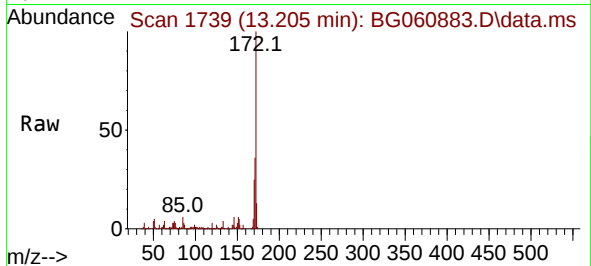




#45
2-Fluorobiphenyl
Concen: 29.019 ng
RT: 13.205 min Scan# 1739
Delta R.T. -0.015 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

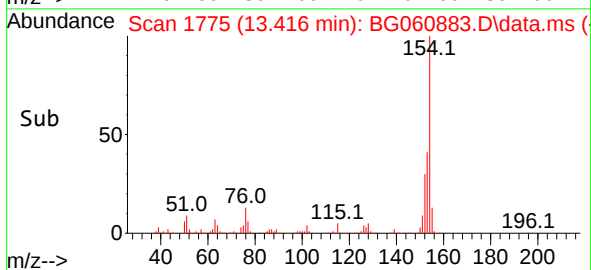
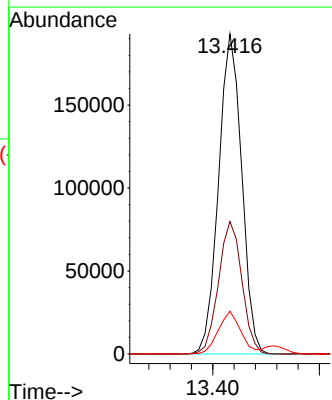
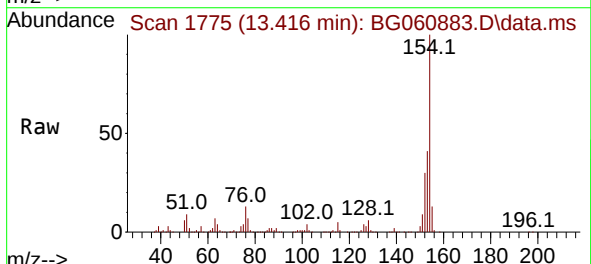
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MSD

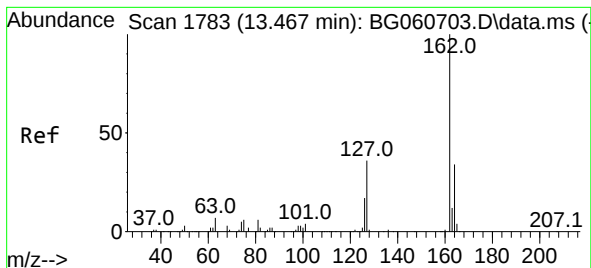
Tgt Ion:172 Resp: 362575
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 25.0 19.4 29.0



#46
1,1'-Biphenyl
Concen: 22.353 ng
RT: 13.416 min Scan# 1775
Delta R.T. -0.009 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

Tgt Ion:154 Resp: 289512
Ion Ratio Lower Upper
154 100
153 41.4 20.8 60.8
76 13.4 0.0 33.9





#47

2-Chloronaphthalene

Concen: 22.728 ng

RT: 13.457 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG060883.D

Acq: 12 Apr 2024 21:06

Instrument :

BNA_G

ClientSampleId :

TR-05-04112024MSD

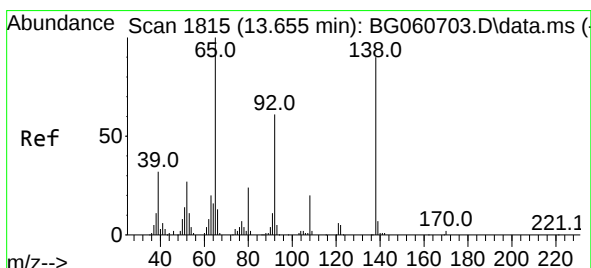
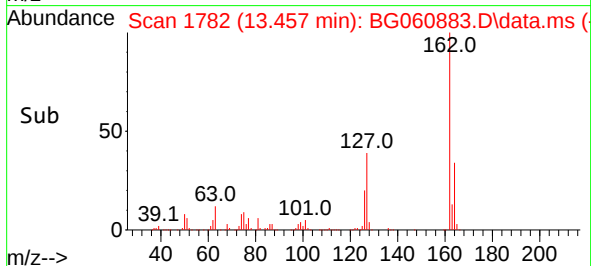
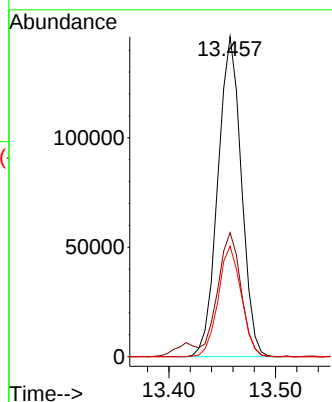
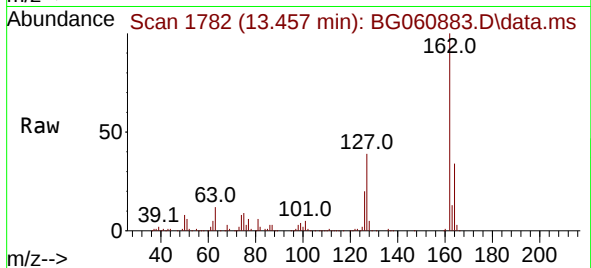
Tgt Ion:162 Resp: 223656

Ion Ratio Lower Upper

162 100

127 38.7 30.6 46.0

164 34.5 26.9 40.3



#48

2-Nitroaniline

Concen: 27.945 ng

RT: 13.651 min Scan# 1815

Delta R.T. -0.004 min

Lab File: BG060883.D

Acq: 12 Apr 2024 21:06

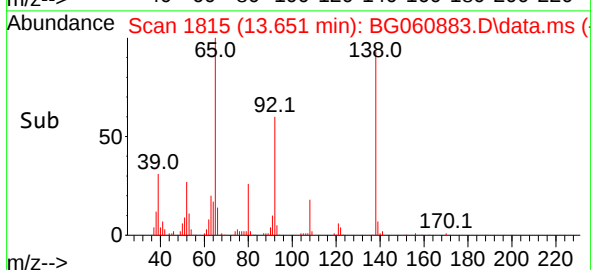
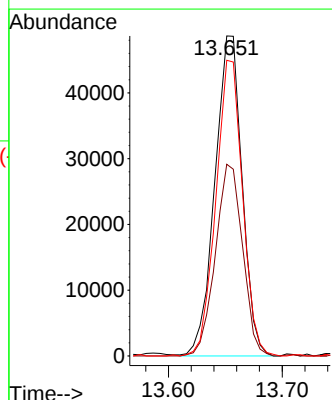
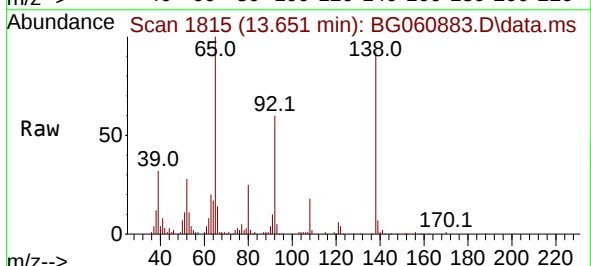
Tgt Ion: 65 Resp: 81064

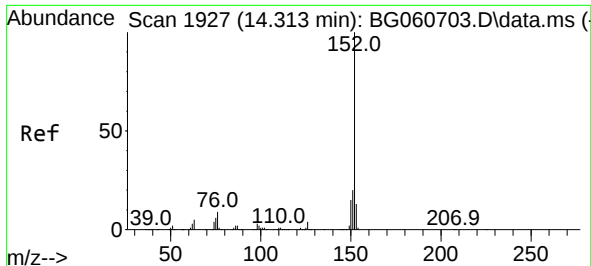
Ion Ratio Lower Upper

65 100

92 59.9 48.6 72.8

138 92.4 72.2 108.4

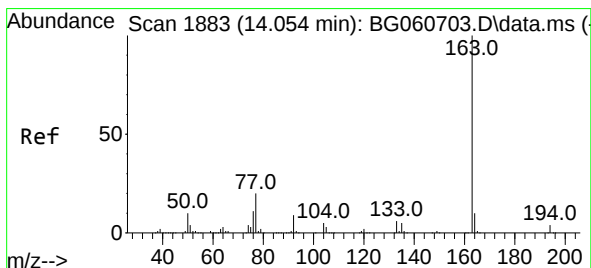
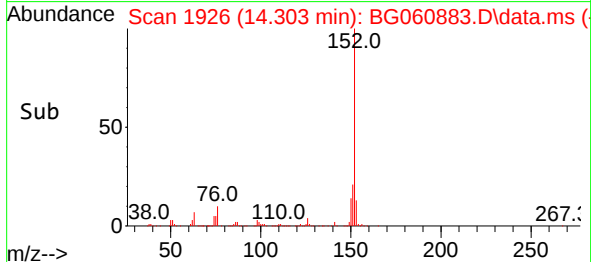
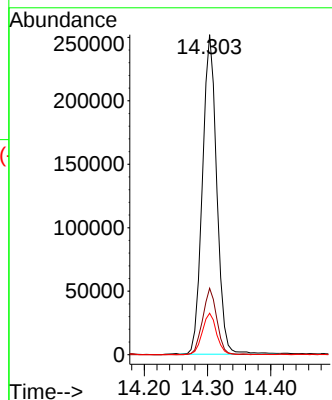
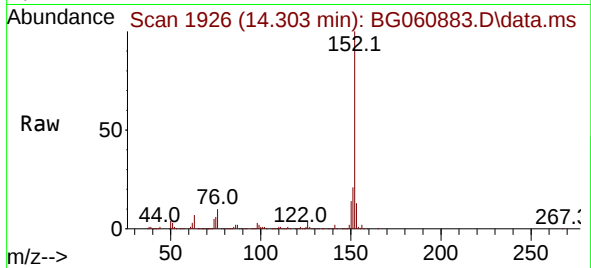




#49
Acenaphthylene
Concen: 24.031 ng
RT: 14.303 min Scan# 1926
Delta R.T. -0.010 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

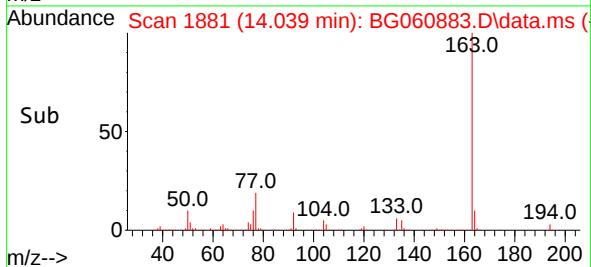
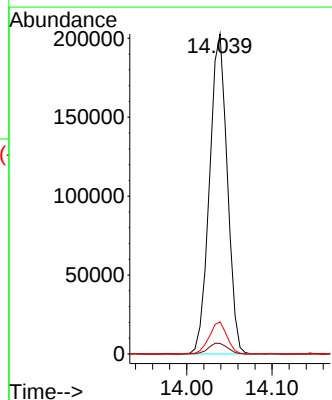
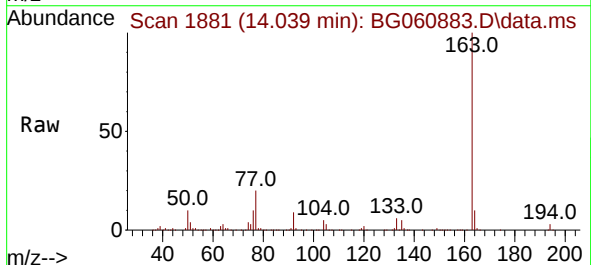
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MSD

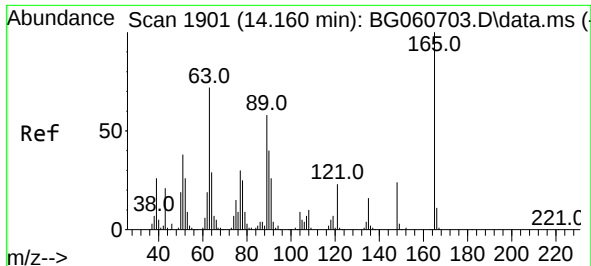
Tgt Ion:152 Resp: 397339
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 12.9 10.5 15.7



#50
Dimethylphthalate
Concen: 20.198 ng
RT: 14.039 min Scan# 1881
Delta R.T. -0.015 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

Tgt Ion:163 Resp: 292738
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.6
164 10.1 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 24.767 ng

RT: 14.151 min Scan# 1900

Delta R.T. -0.009 min

Lab File: BG060883.D

Acq: 12 Apr 2024 21:06

Instrument :

BNA_G

ClientSampleId :

TR-05-04112024MSD

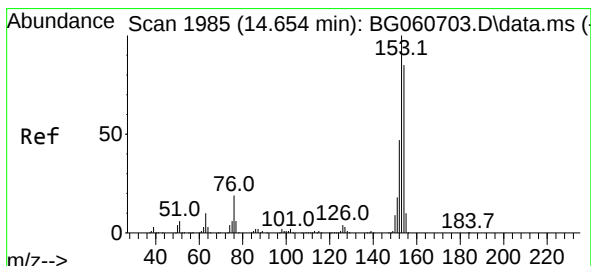
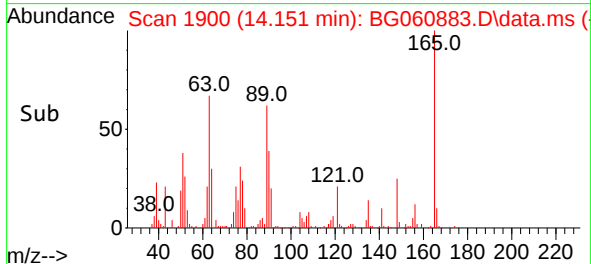
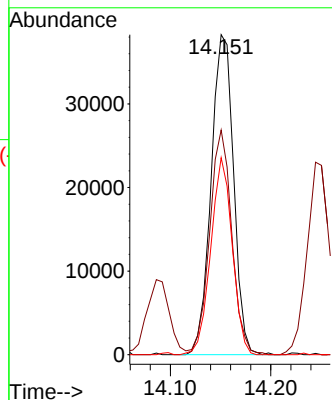
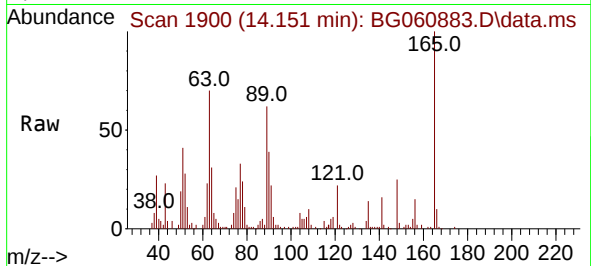
Tgt Ion:165 Resp: 59538

Ion Ratio Lower Upper

165 100

63 70.2 58.2 87.4

89 61.6 46.1 69.1



#52

Acenaphthene

Concen: 23.453 ng

RT: 14.644 min Scan# 1984

Delta R.T. -0.010 min

Lab File: BG060883.D

Acq: 12 Apr 2024 21:06

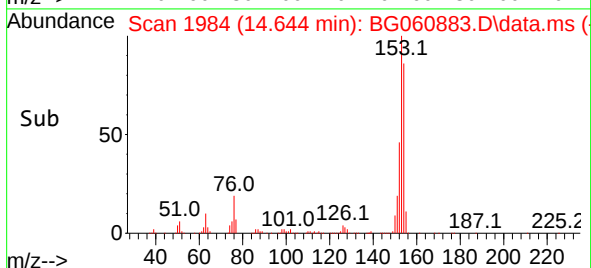
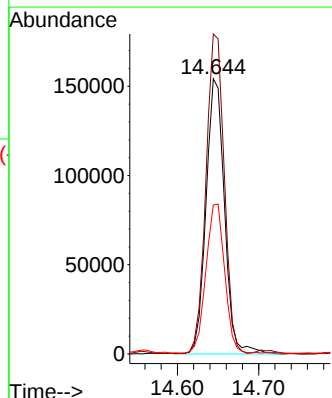
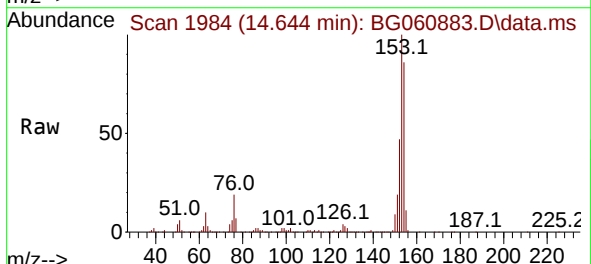
Tgt Ion:154 Resp: 243477

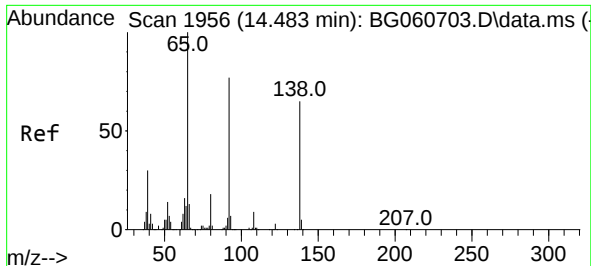
Ion Ratio Lower Upper

154 100

153 116.3 93.9 140.9

152 54.1 44.1 66.1

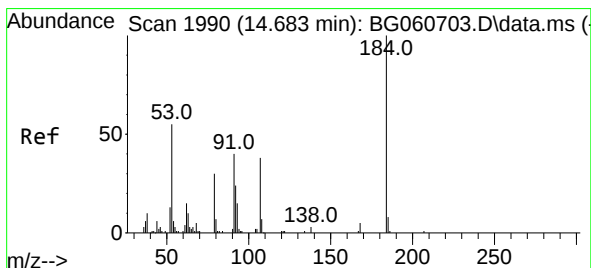
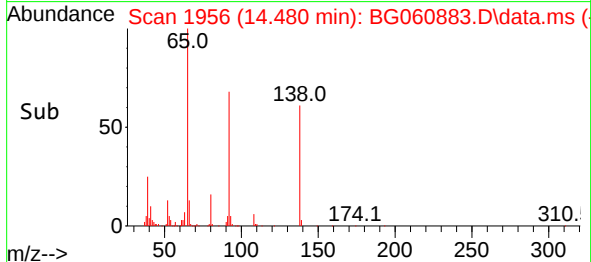
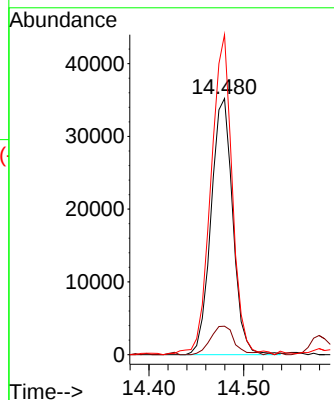
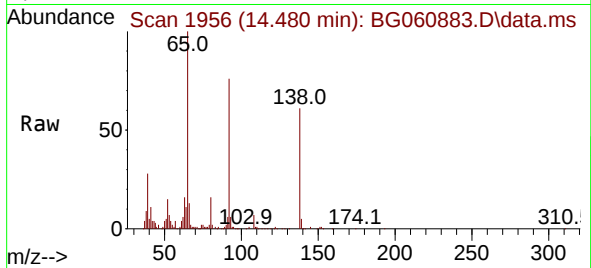




#53
3-Nitroaniline
Concen: 21.340 ng
RT: 14.480 min Scan# 1956
Delta R.T. -0.003 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

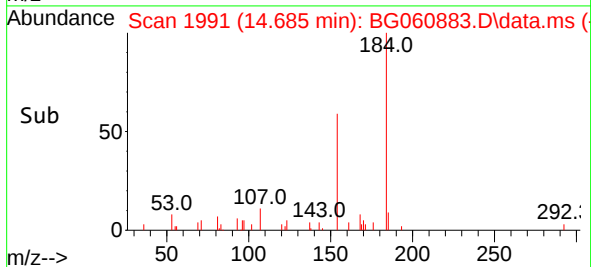
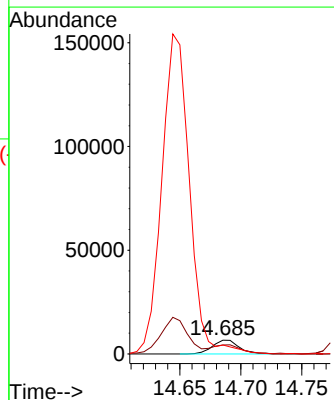
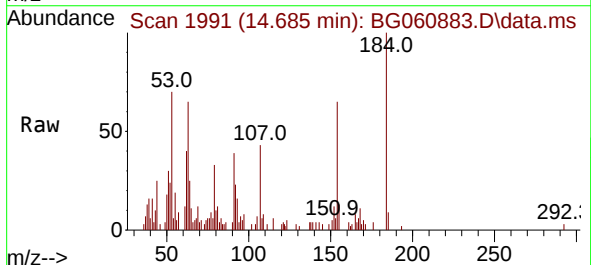
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MSD

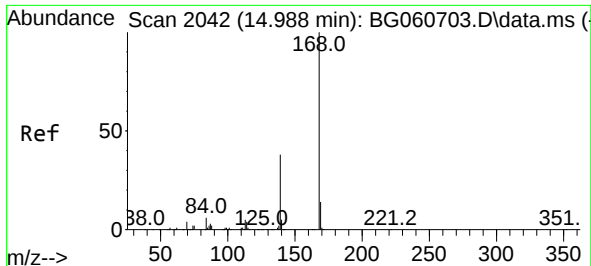
Tgt Ion:138 Resp: 55956
Ion Ratio Lower Upper
138 100
108 11.1 11.3 16.9#
92 124.9 94.1 141.1



#54
2,4-Dinitrophenol
Concen: 10.020 ng
RT: 14.685 min Scan# 1991
Delta R.T. 0.002 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

Tgt Ion:184 Resp: 10109
Ion Ratio Lower Upper
184 100
63 65.0 51.3 76.9
154 64.7 59.9 89.9

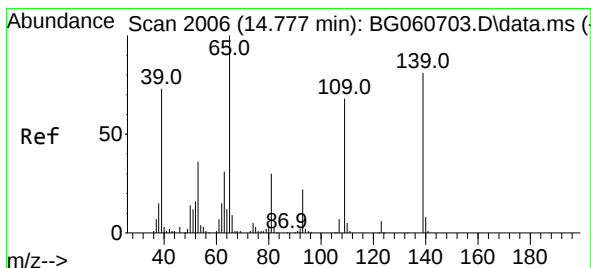
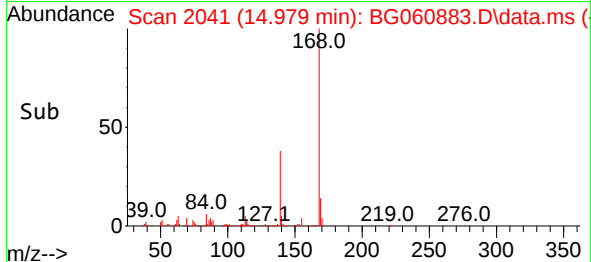
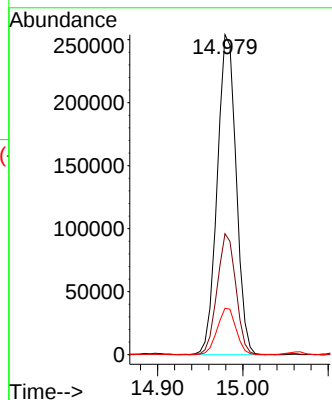
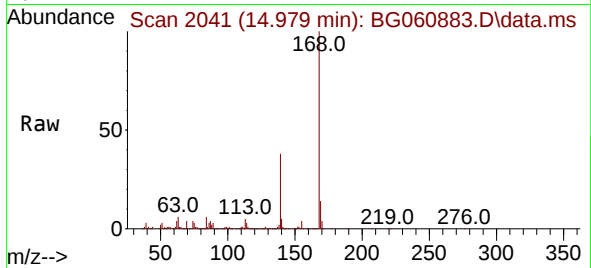




#55
Dibenzofuran
Concen: 23.945 ng
RT: 14.979 min Scan# 2042
Delta R.T. -0.009 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

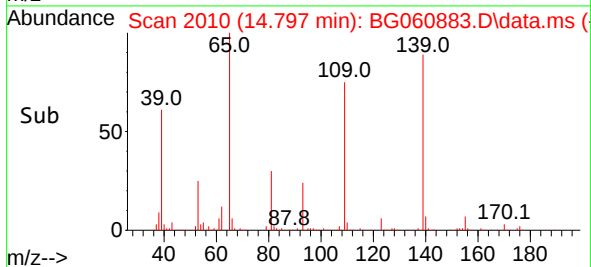
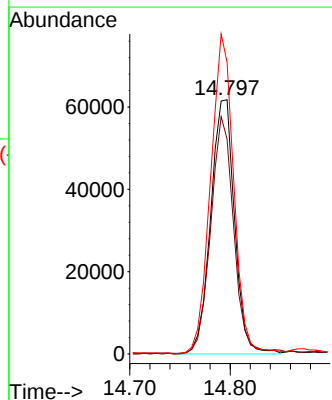
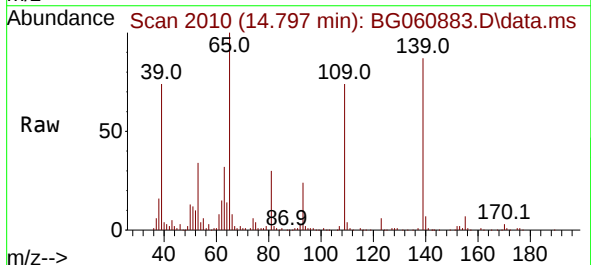
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MSD

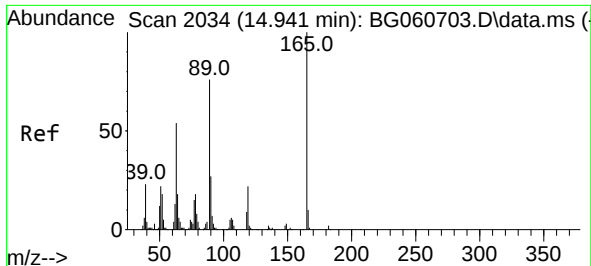
Tgt Ion:168 Resp: 392097
Ion Ratio Lower Upper
168 100
139 37.8 30.1 45.1
169 14.5 11.0 16.4



#56
4-Nitrophenol
Concen: 48.170 ng
RT: 14.797 min Scan# 2010
Delta R.T. 0.020 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

Tgt Ion:139 Resp: 102063
Ion Ratio Lower Upper
139 100
109 84.5 64.0 104.0
65 114.7 104.3 144.3





#57

2,4-Dinitrotoluene

Concen: 26.944 ng

RT: 14.944 min Scan# 2034

Delta R.T. 0.003 min

Lab File: BG060883.D

Acq: 12 Apr 2024 21:06

Instrument :

BNA_G

ClientSampleId :

TR-05-04112024MSD

Tgt Ion:165 Resp: 83837

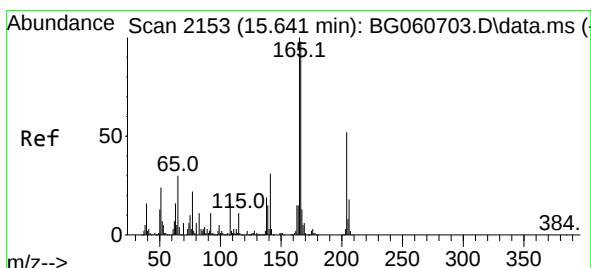
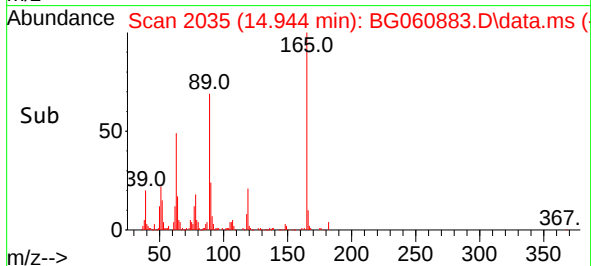
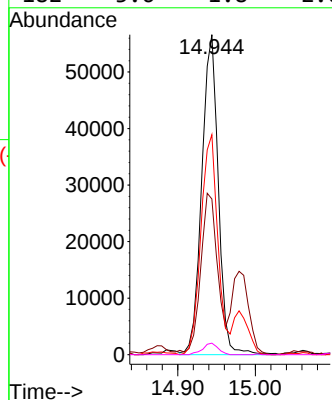
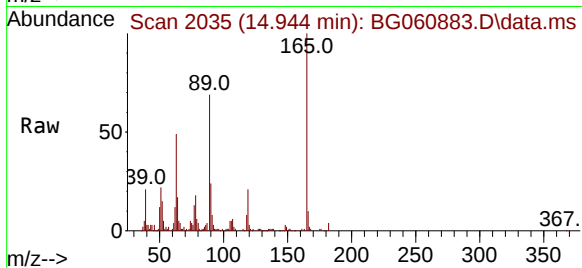
Ion Ratio Lower Upper

165 100

63 48.7 43.4 65.0

89 68.8 61.0 91.6

182 3.6 1.8 2.6#



#58

Fluorene

Concen: 29.147 ng

RT: 15.631 min Scan# 2152

Delta R.T. -0.009 min

Lab File: BG060883.D

Acq: 12 Apr 2024 21:06

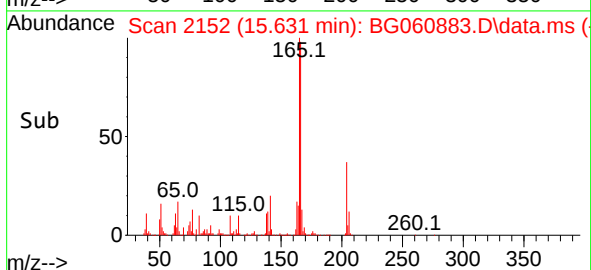
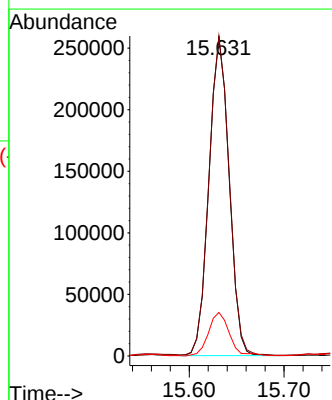
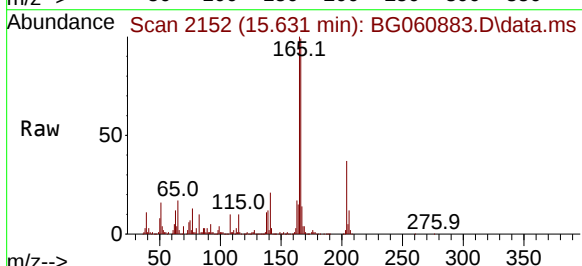
Tgt Ion:166 Resp: 383055

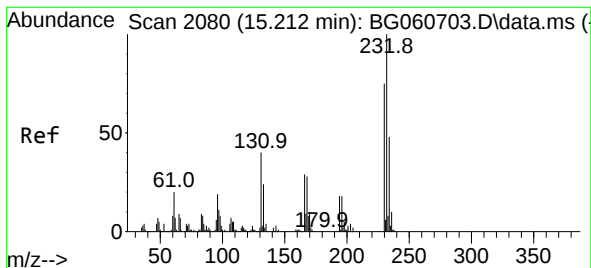
Ion Ratio Lower Upper

166 100

165 100.7 81.8 122.8

167 13.7 10.9 16.3

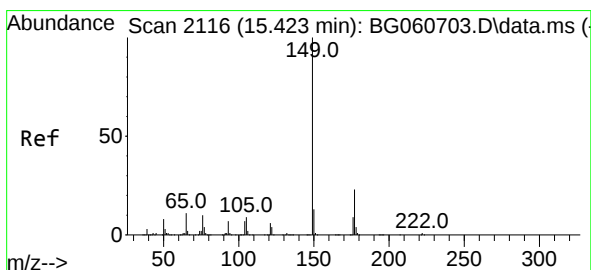
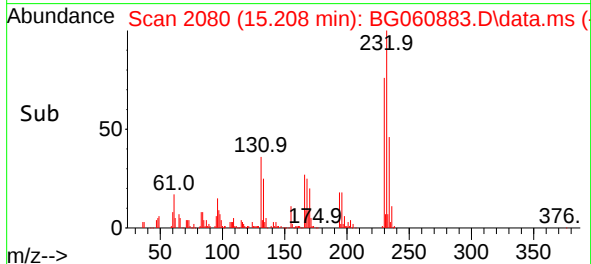
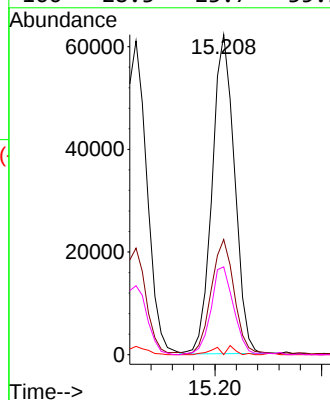
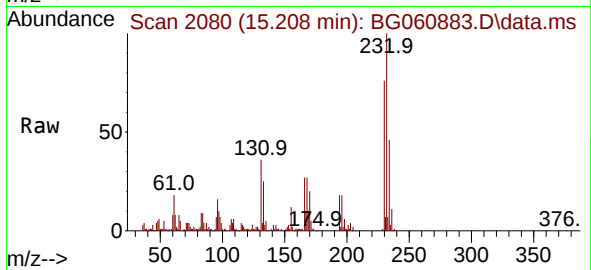




#59
2,3,4,6-Tetrachlorophenol
Concen: 25.643 ng
RT: 15.208 min Scan# 2080
Delta R.T. -0.004 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

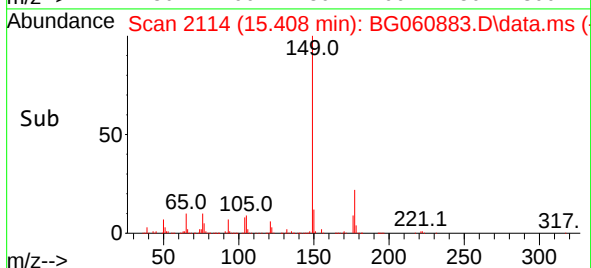
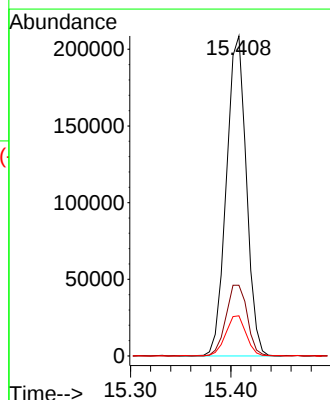
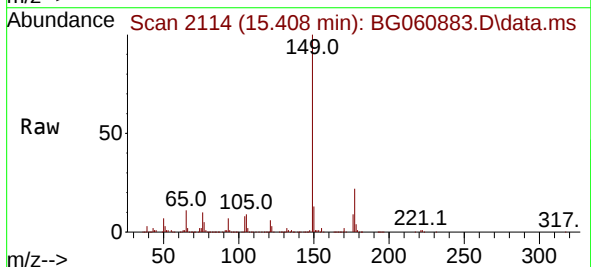
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MSD

Tgt Ion:232	Resp:	90527
Ion Ratio	Lower	Upper
232	100	
131	36.8	32.2 48.2
130	1.1	2.1 3.1#
166	28.3	23.7 35.5



#60
Diethylphthalate
Concen: 19.725 ng
RT: 15.408 min Scan# 2114
Delta R.T. -0.015 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

Tgt Ion:149	Resp:	287617
Ion Ratio	Lower	Upper
149	100	
177	22.1	18.0 27.0
150	12.6	10.2 15.4

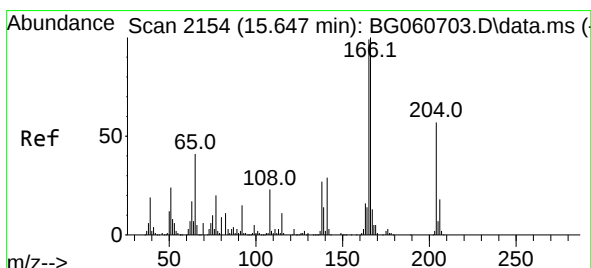
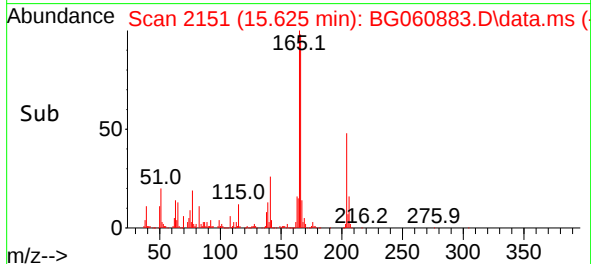
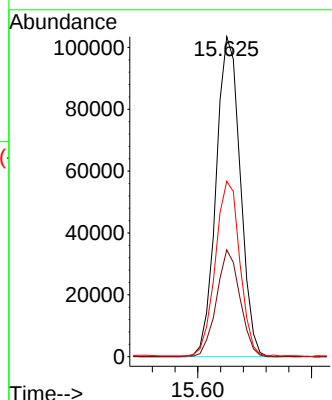
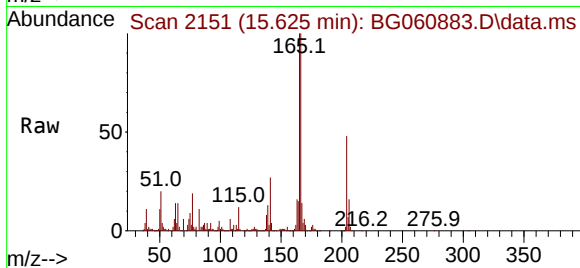




#61
4-Chlorophenyl-phenylether
Concen: 21.971 ng
RT: 15.625 min Scan# 2151
Delta R.T. -0.016 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

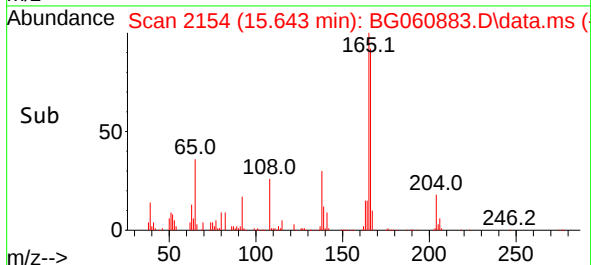
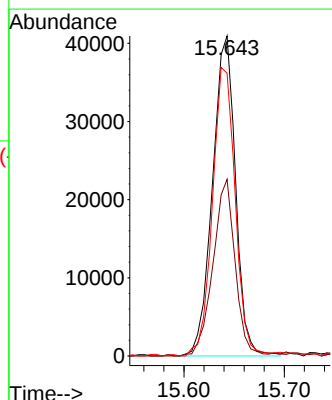
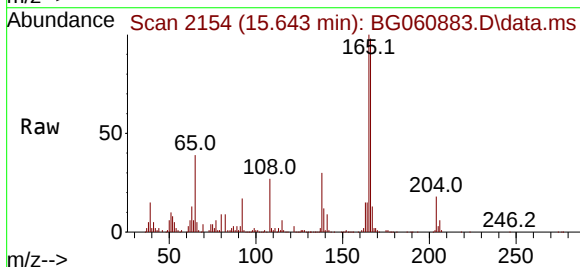
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MSD

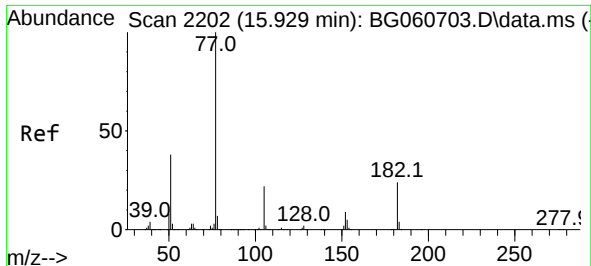
Tgt Ion:204 Resp: 152761
Ion Ratio Lower Upper
204 100
206 33.4 28.3 42.5
141 54.8 47.2 70.8



#62
4-Nitroaniline
Concen: 24.635 ng
RT: 15.643 min Scan# 2154
Delta R.T. -0.004 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

Tgt Ion:138 Resp: 65281
Ion Ratio Lower Upper
138 100
92 55.2 36.8 76.8
108 88.4 66.9 106.9

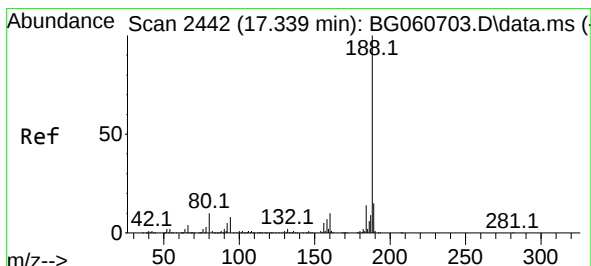
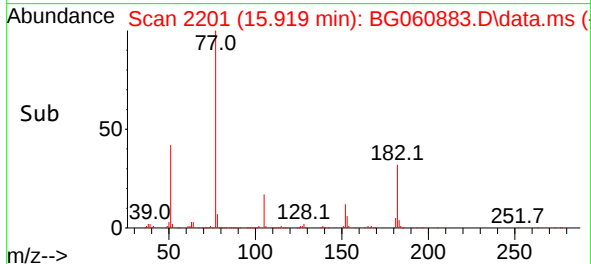
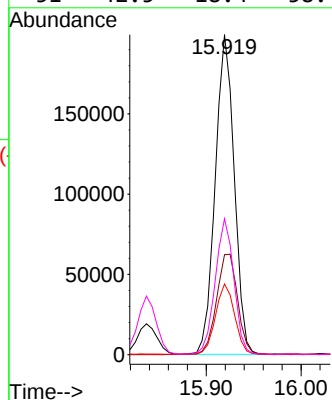
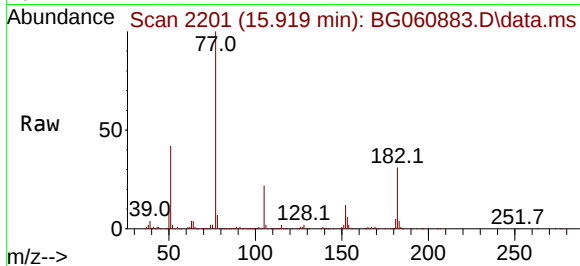




#63
 Azobenzene
 Concen: 19.519 ng
 RT: 15.919 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG060883.D
 Acq: 12 Apr 2024 21:06

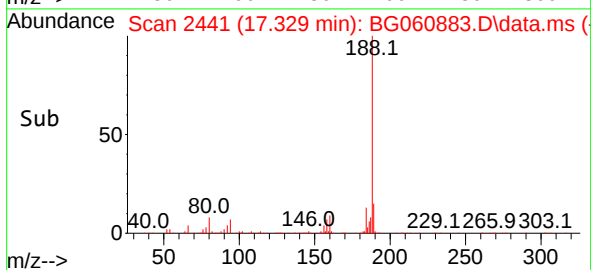
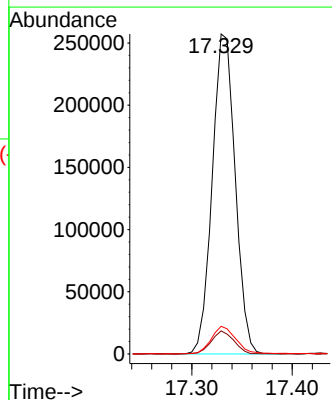
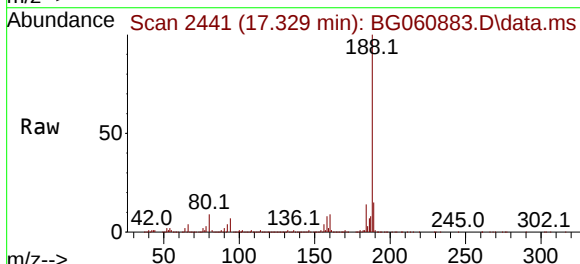
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-04112024MSD

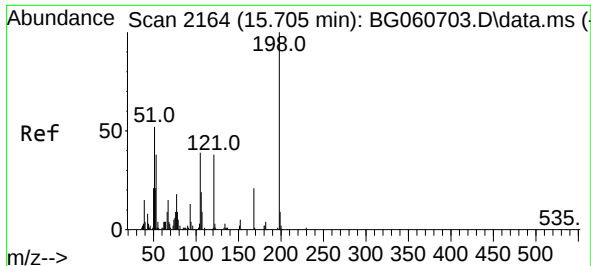
Tgt Ion: 77	Resp: 277354
Ion Ratio	Lower Upper
77 100	
182 31.3	3.9 43.9
105 22.1	1.7 41.7
51 42.5	18.4 58.4



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.329 min Scan# 2441
 Delta R.T. -0.009 min
 Lab File: BG060883.D
 Acq: 12 Apr 2024 21:06

Tgt Ion:188	Resp: 408754
Ion Ratio	Lower Upper
188 100	
94 7.2	6.6 9.8
80 8.6	7.6 11.4

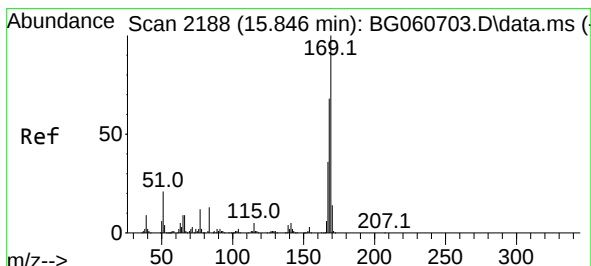
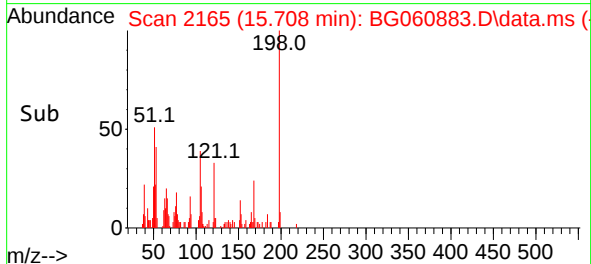
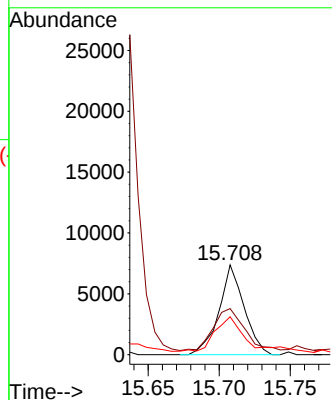
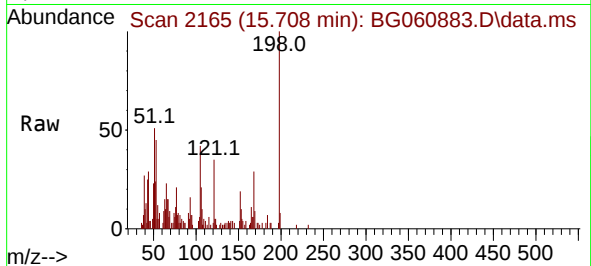




#65
4,6-Dinitro-2-methylphenol
Concen: 11.614 ng
RT: 15.708 min Scan# 2164
Delta R.T. 0.003 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

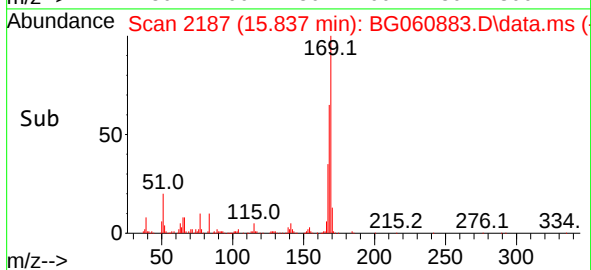
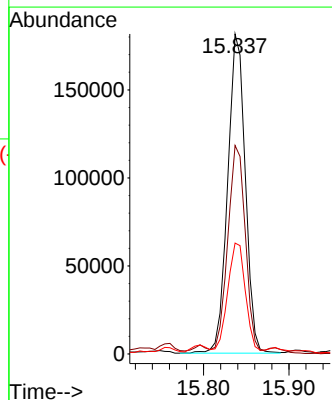
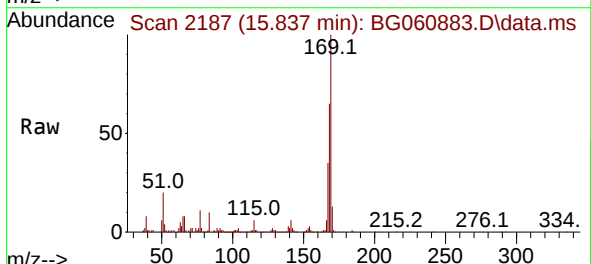
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MSD

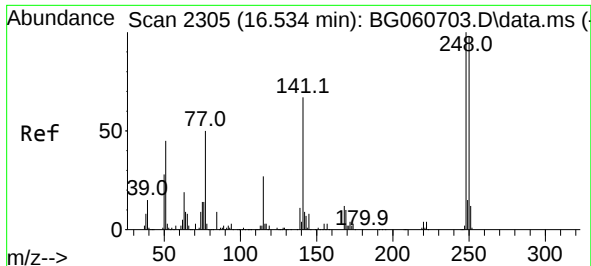
Tgt Ion:198 Resp: 9053
Ion Ratio Lower Upper
198 100
51 51.4 36.7 76.7
105 42.2 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 22.273 ng
RT: 15.837 min Scan# 2187
Delta R.T. -0.009 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

Tgt Ion:169 Resp: 260165
Ion Ratio Lower Upper
169 100
168 65.2 54.5 81.7
167 34.7 29.2 43.8

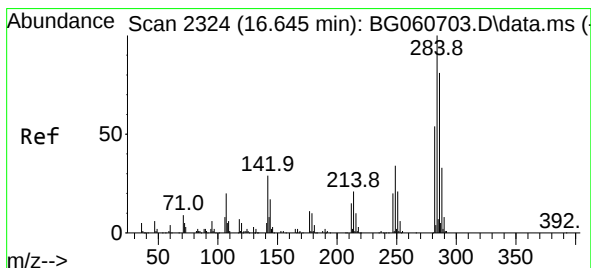
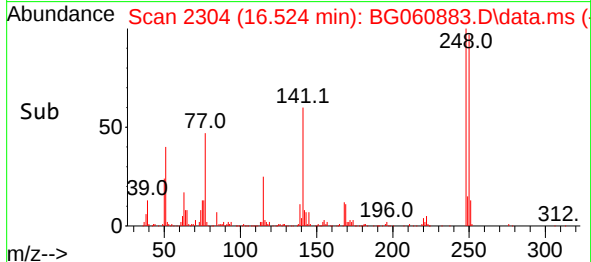
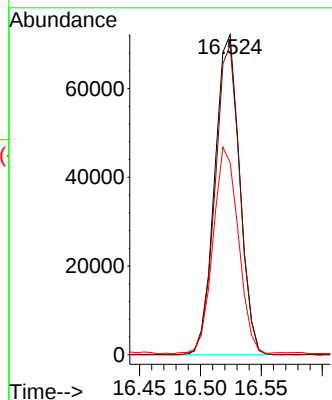
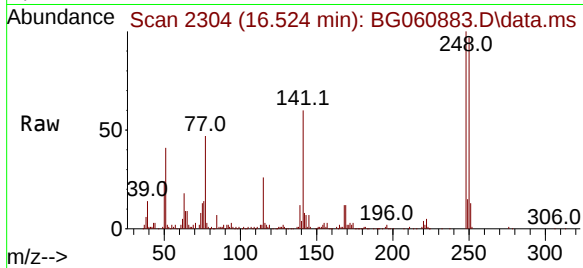




#67
4-Bromophenyl-phenylether
Concen: 24.732 ng
RT: 16.524 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

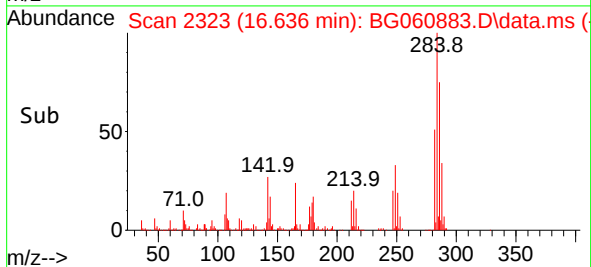
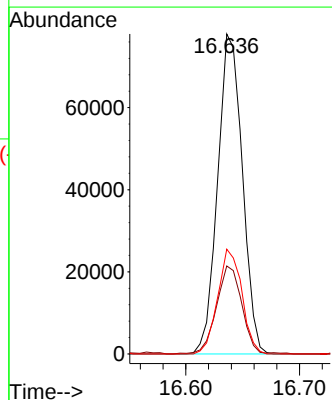
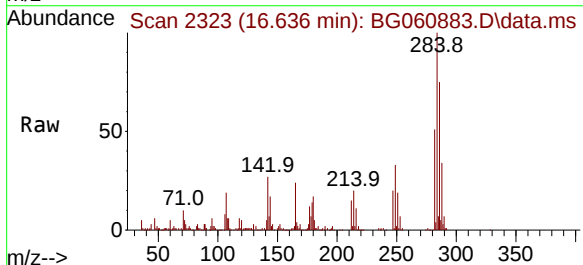
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MSD

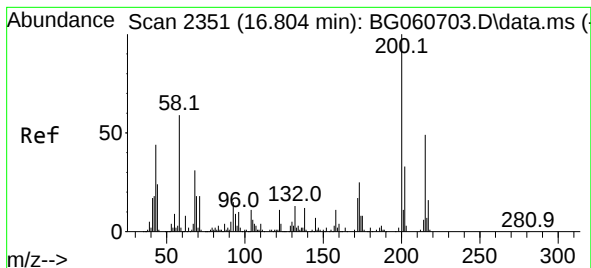
Tgt Ion:248 Resp: 102595
Ion Ratio Lower Upper
248 100
250 96.7 78.3 117.5
141 60.1 53.7 80.5



#68
Hexachlorobenzene
Concen: 25.135 ng
RT: 16.636 min Scan# 2323
Delta R.T. -0.009 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

Tgt Ion:284 Resp: 117705
Ion Ratio Lower Upper
284 100
142 27.5 22.9 34.3
249 32.7 27.1 40.7





#69

Atrazine

Concen: 23.744 ng

RT: 16.795 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG060883.D

Acq: 12 Apr 2024 21:06

Instrument :

BNA_G

ClientSampleId :

TR-05-04112024MSD

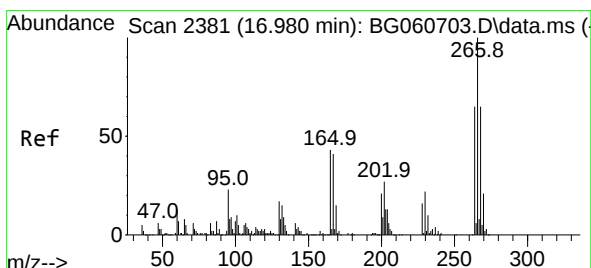
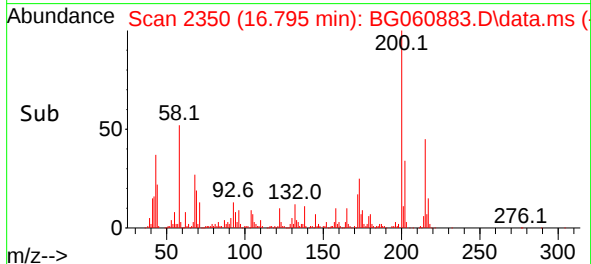
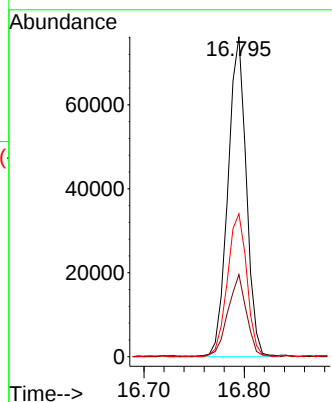
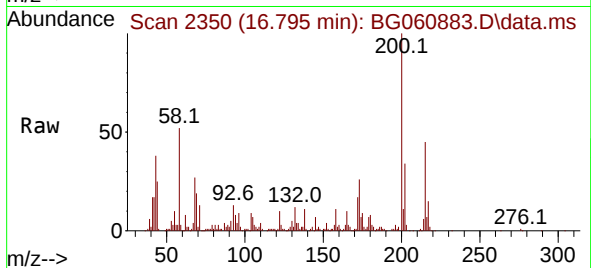
Tgt Ion:200 Resp: 96986

Ion Ratio Lower Upper

200 100

173 25.7 5.2 45.2

215 44.7 28.8 68.8



#70

Pentachlorophenol

Concen: 50.790 ng

RT: 16.983 min Scan# 2382

Delta R.T. 0.002 min

Lab File: BG060883.D

Acq: 12 Apr 2024 21:06

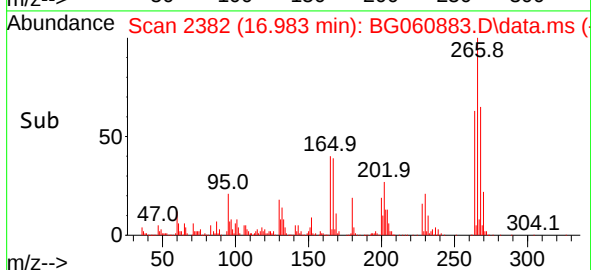
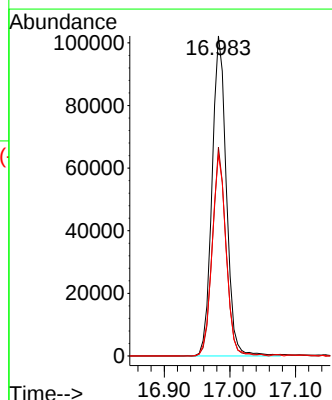
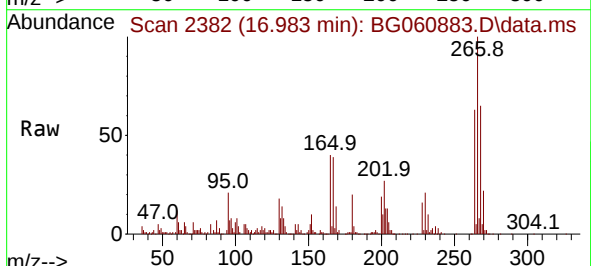
Tgt Ion:266 Resp: 155194

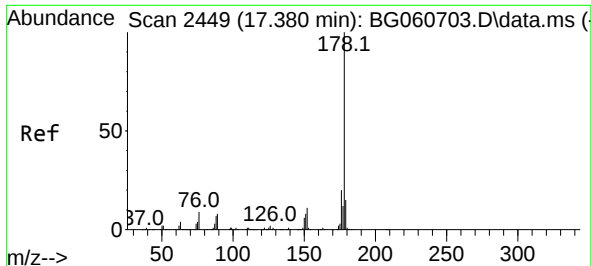
Ion Ratio Lower Upper

266 100

268 65.2 52.2 78.4

264 63.0 51.8 77.6

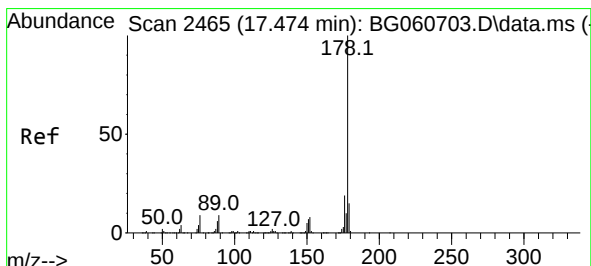
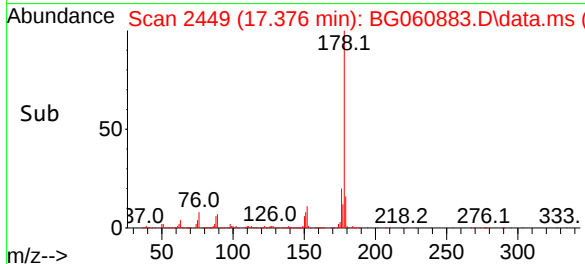
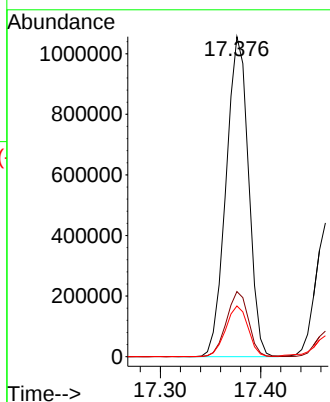
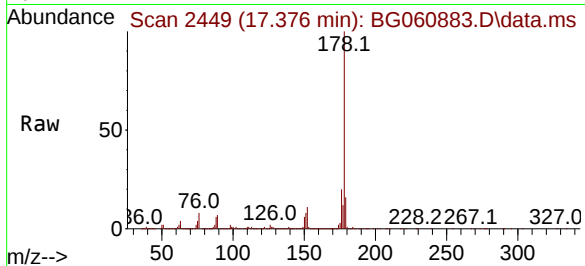




#71
Phenanthrene
Concen: 77.061 ng
RT: 17.376 min Scan# 2449
Delta R.T. -0.004 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

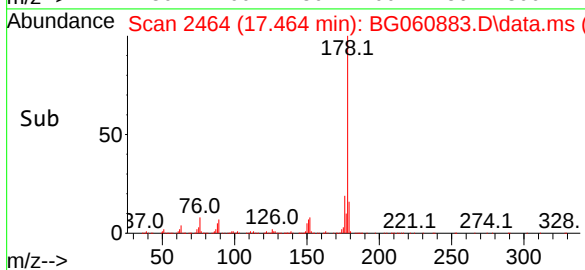
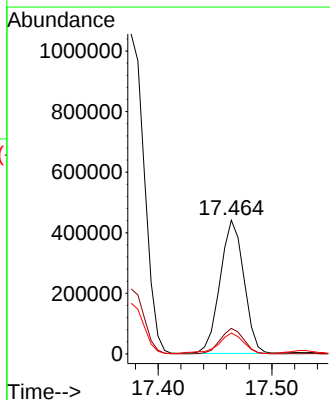
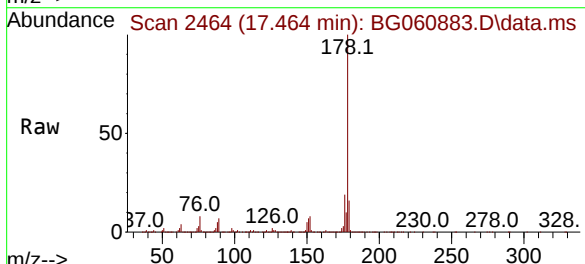
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MSD

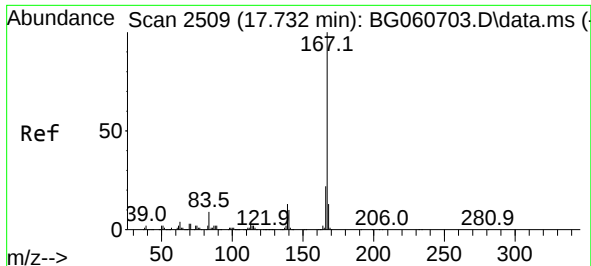
Tgt Ion:178 Resp: 1638196
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.6
179 15.8 12.2 18.4



#72
Anthracene
Concen: 29.642 ng
RT: 17.464 min Scan# 2464
Delta R.T. -0.009 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

Tgt Ion:178 Resp: 639943
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.7 12.2 18.2

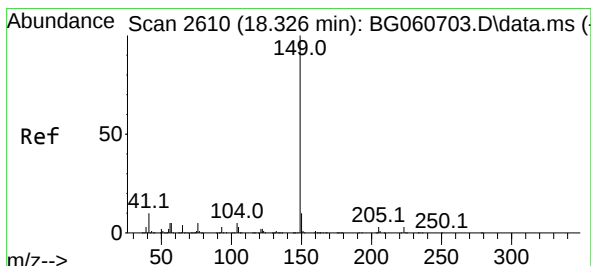
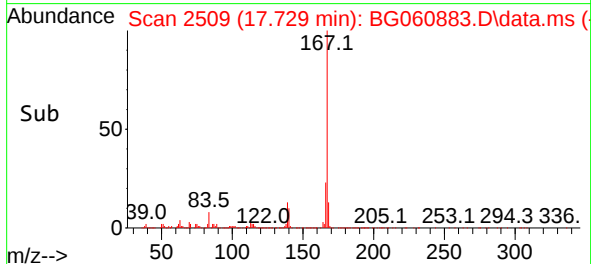
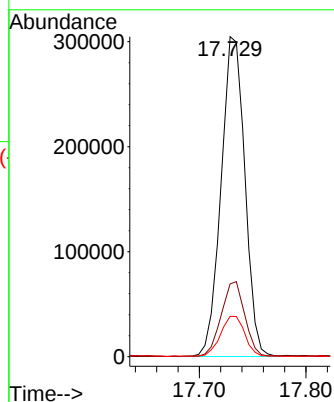
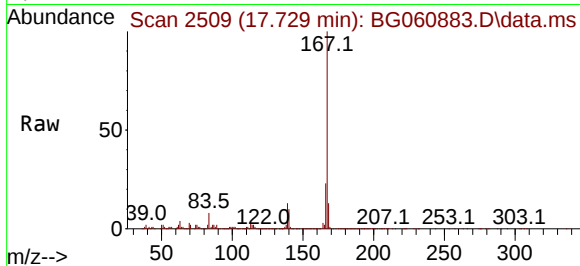




#73
 Carbazole
 Concen: 24.759 ng
 RT: 17.729 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG060883.D
 Acq: 12 Apr 2024 21:06

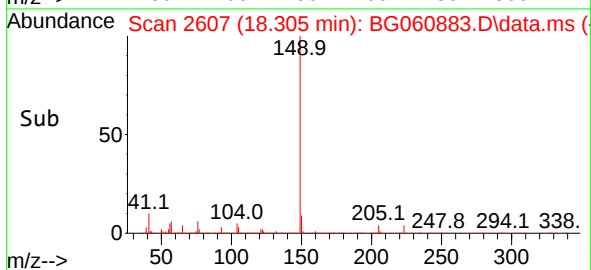
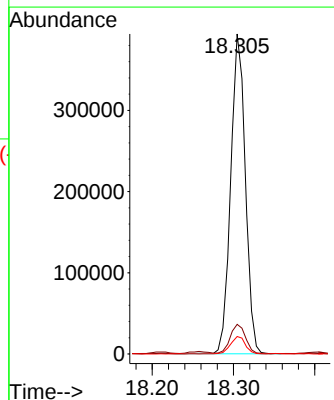
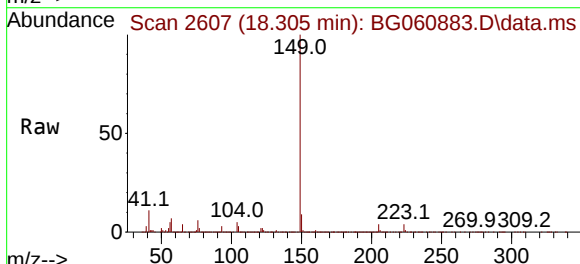
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-04112024MSD

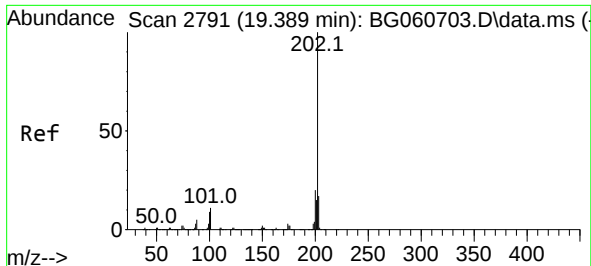
Tgt Ion:167 Resp: 471284
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.0 27.0
 139 12.6 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 20.751 ng
 RT: 18.305 min Scan# 2607
 Delta R.T. -0.021 min
 Lab File: BG060883.D
 Acq: 12 Apr 2024 21:06

Tgt Ion:149 Resp: 492455
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 5.5 4.2 6.4

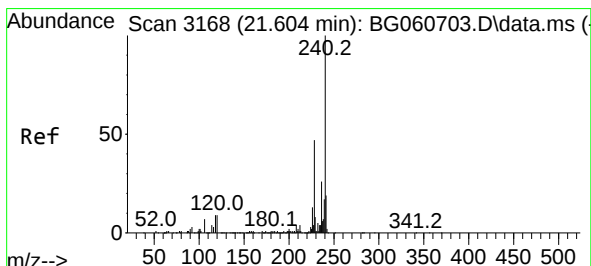
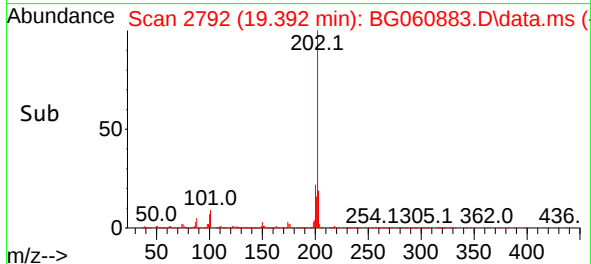
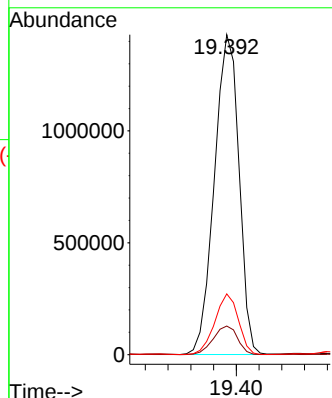
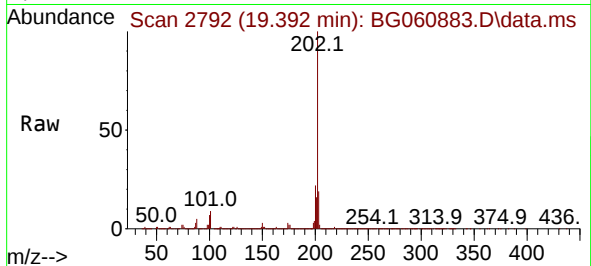




#75
Fluoranthene
Concen: 83.200 ng
RT: 19.392 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

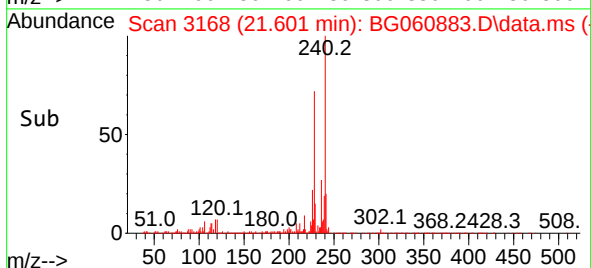
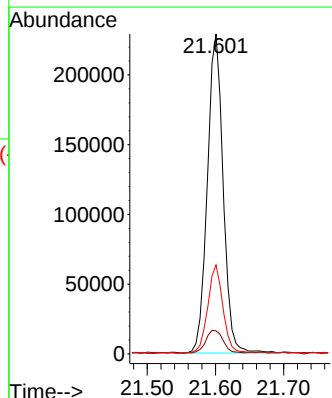
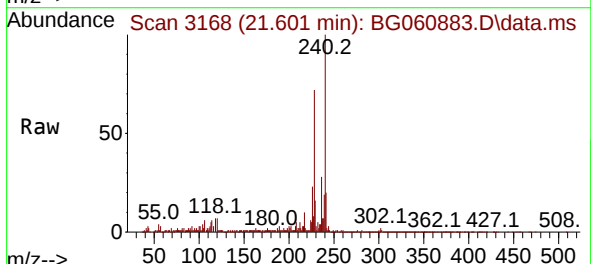
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MSD

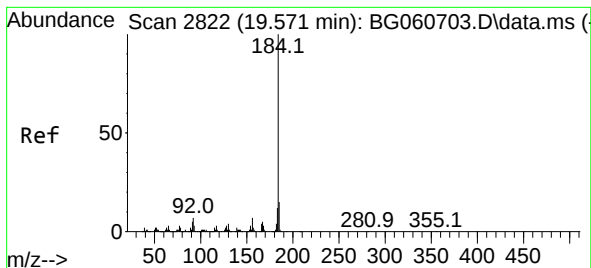
Tgt Ion:202 Resp: 2146217
Ion Ratio Lower Upper
202 100
101 8.9 0.0 30.8
203 19.0 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.601 min Scan# 3168
Delta R.T. -0.004 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

Tgt Ion:240 Resp: 368815
Ion Ratio Lower Upper
240 100
120 7.2 7.1 10.7
236 27.8 20.7 31.1





#77

Benzidine

Concen: 5.617 ng

RT: 19.568 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG060883.D

Acq: 12 Apr 2024 21:06

Instrument :

BNA_G

ClientSampleId :

TR-05-04112024MSD

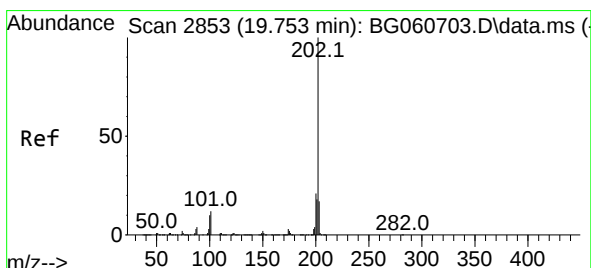
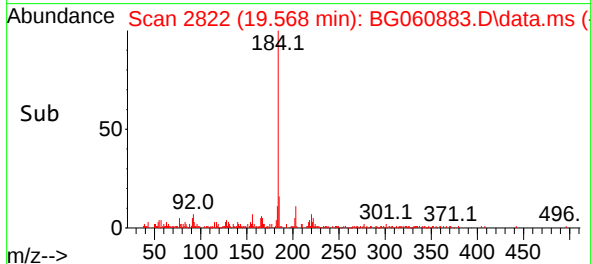
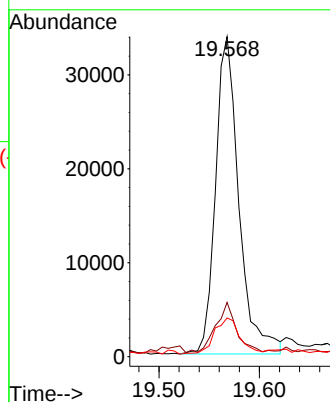
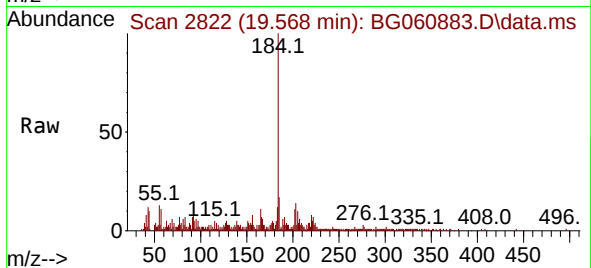
Tgt Ion:184 Resp: 54550

Ion Ratio Lower Upper

184 100

185 16.9 11.8 17.6

183 12.1 9.5 14.3



#78

Pyrene

Concen: 78.971 ng

RT: 19.756 min Scan# 2854

Delta R.T. 0.002 min

Lab File: BG060883.D

Acq: 12 Apr 2024 21:06

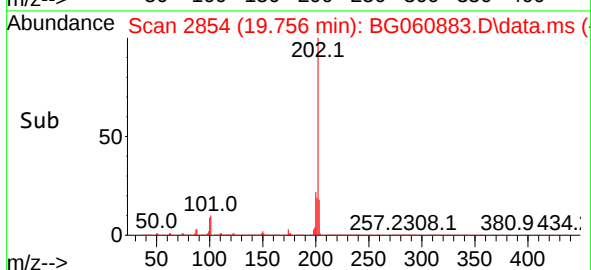
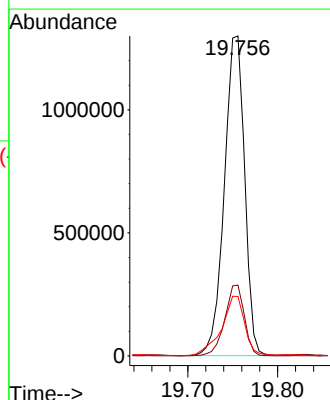
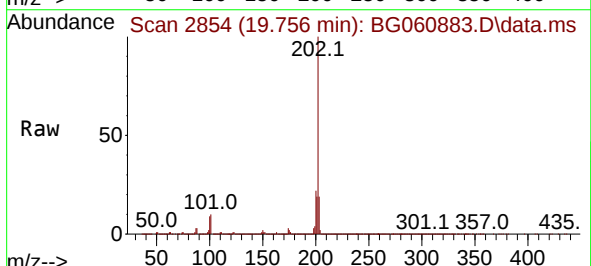
Tgt Ion:202 Resp: 2036995

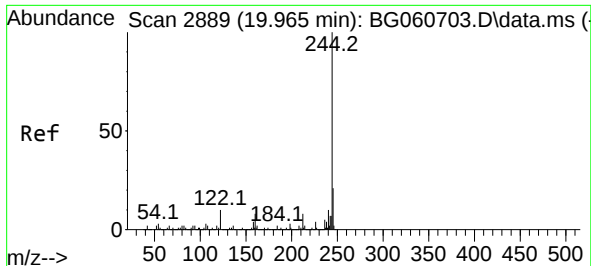
Ion Ratio Lower Upper

202 100

200 22.2 17.0 25.4

203 18.6 14.0 21.0

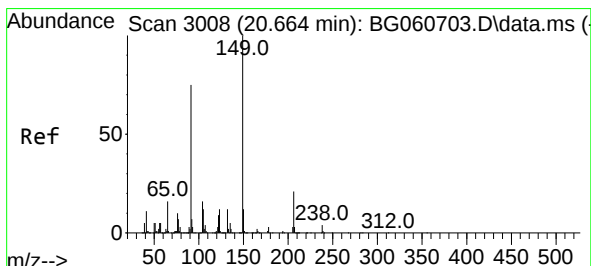
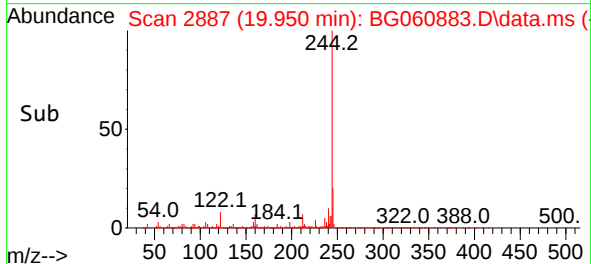
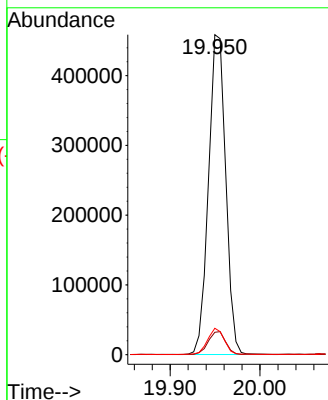
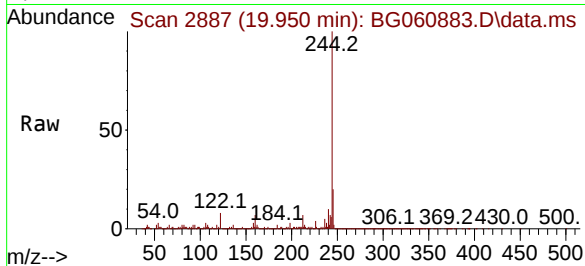




#79
 Terphenyl-d14
 Concen: 29.129 ng
 RT: 19.950 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BG060883.D
 Acq: 12 Apr 2024 21:06

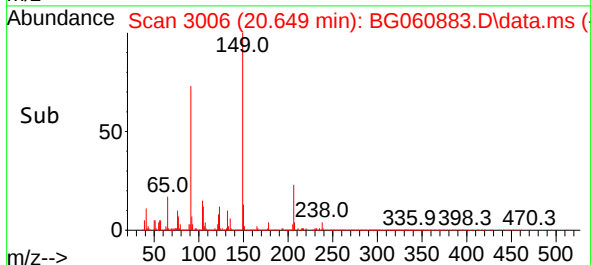
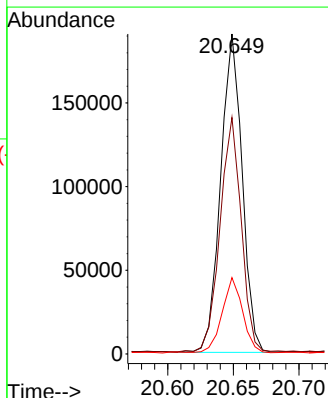
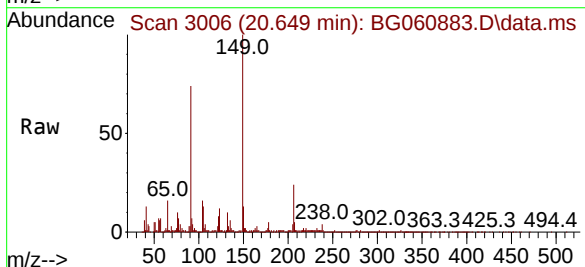
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-04112024MSD

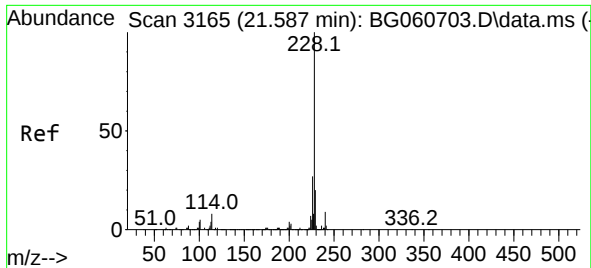
Tgt Ion:244 Resp: 610129
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.2
 122 8.3 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 23.004 ng
 RT: 20.649 min Scan# 3006
 Delta R.T. -0.015 min
 Lab File: BG060883.D
 Acq: 12 Apr 2024 21:06

Tgt Ion:149 Resp: 216453
 Ion Ratio Lower Upper
 149 100
 91 73.9 60.1 90.1
 206 23.9 16.8 25.2

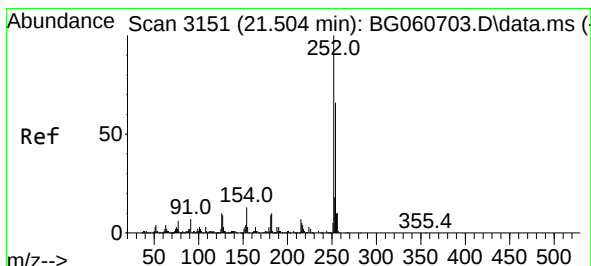
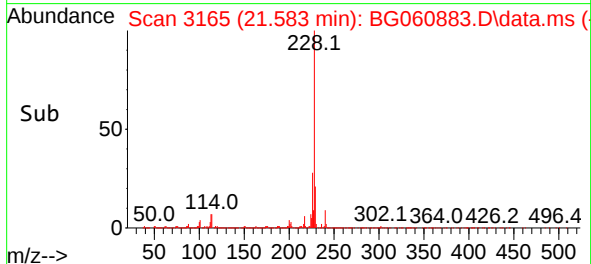
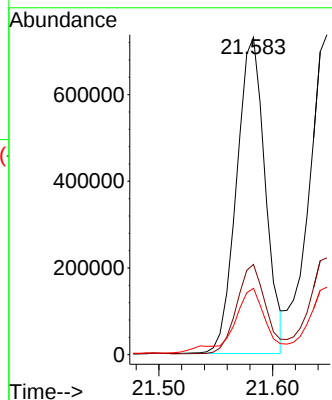
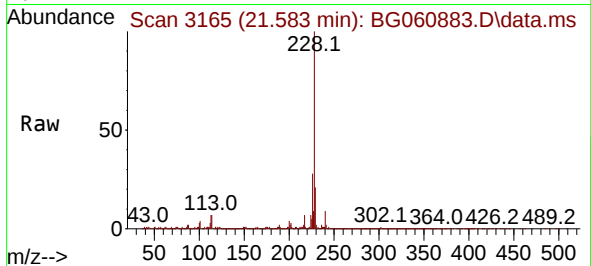




#81
Benzo(a)anthracene
Concen: 49.055 ng
RT: 21.583 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

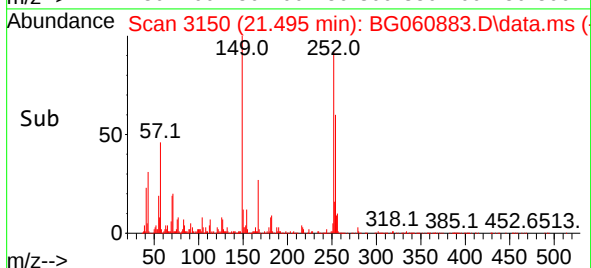
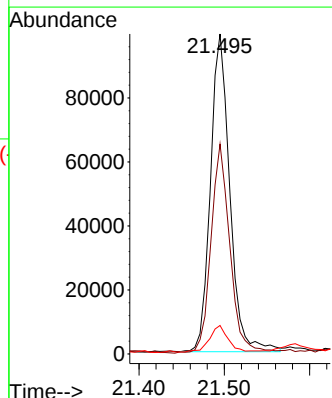
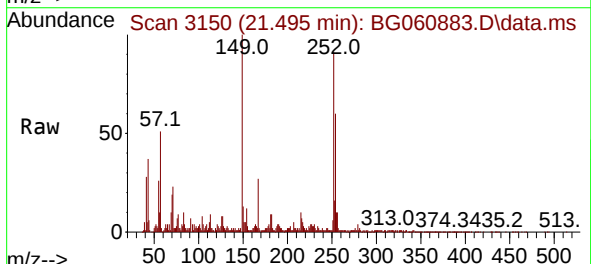
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MSD

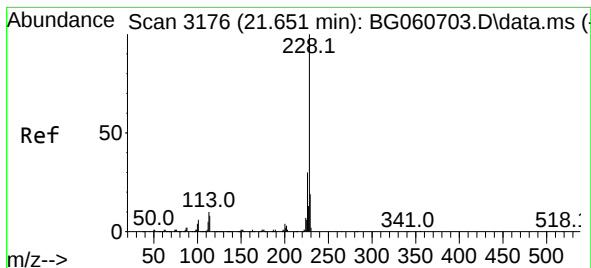
Tgt Ion:228 Resp: 1275298
Ion Ratio Lower Upper
228 100
226 28.4 21.7 32.5
229 20.9 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 17.839 ng
RT: 21.495 min Scan# 3150
Delta R.T. -0.009 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

Tgt Ion:252 Resp: 156591
Ion Ratio Lower Upper
252 100
254 65.6 52.6 78.8
126 8.9 7.8 11.8





#83

Chrysene

Concen: 51.396 ng

RT: 21.648 min Scan# 3176

Delta R.T. -0.004 min

Lab File: BG060883.D

Acq: 12 Apr 2024 21:06

Instrument :

BNA_G

ClientSampleId :

TR-05-04112024MSD

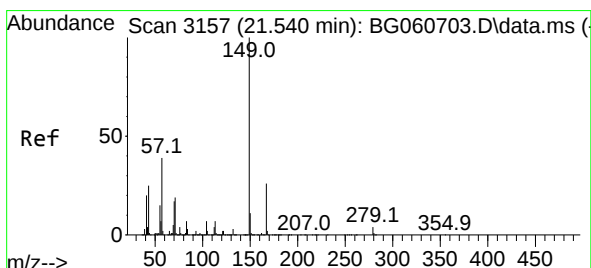
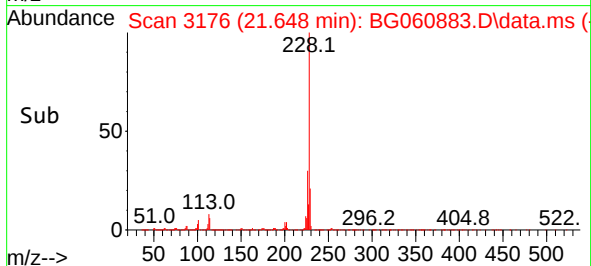
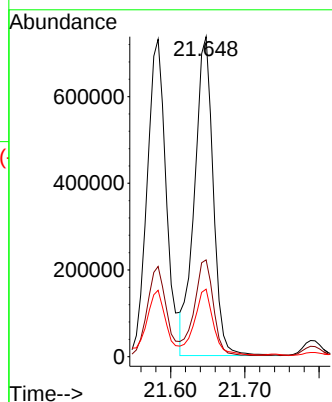
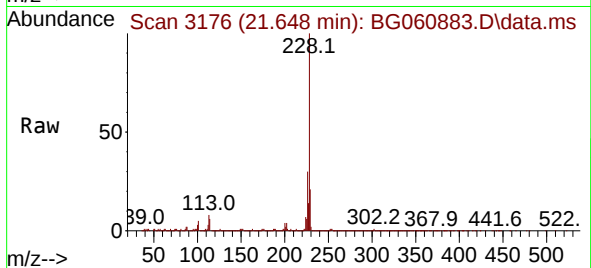
Tgt Ion:228 Resp: 1287875

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.4

229 21.1 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.335 ng

RT: 21.513 min Scan# 3153

Delta R.T. -0.027 min

Lab File: BG060883.D

Acq: 12 Apr 2024 21:06

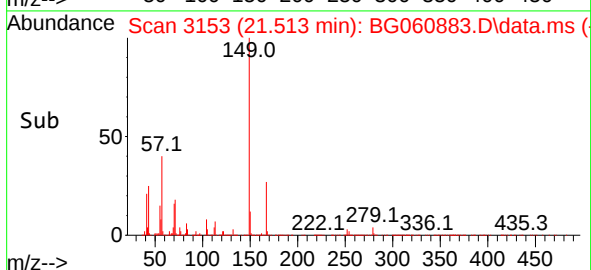
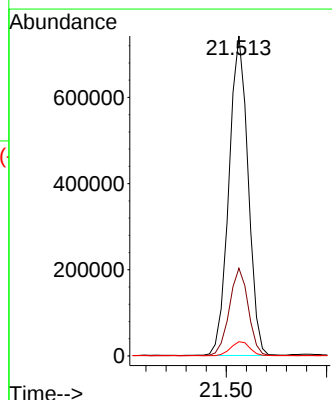
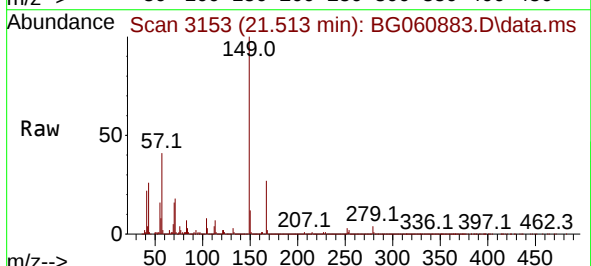
Tgt Ion:149 Resp: 979852

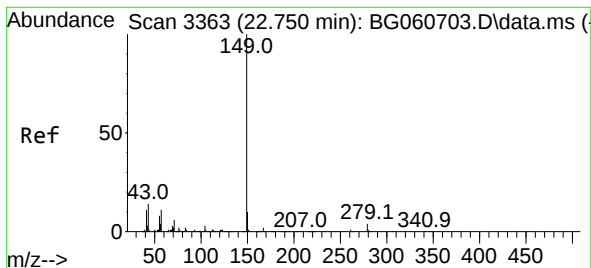
Ion Ratio Lower Upper

149 100

167 27.4 20.6 30.8

279 4.5 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 22.512 ng

RT: 22.705 min Scan# 31

Delta R.T. -0.045 min

Lab File: BG060883.D

Acq: 12 Apr 2024 21:06

Instrument :

BNA_G

ClientSampleId :

TR-05-04112024MSD

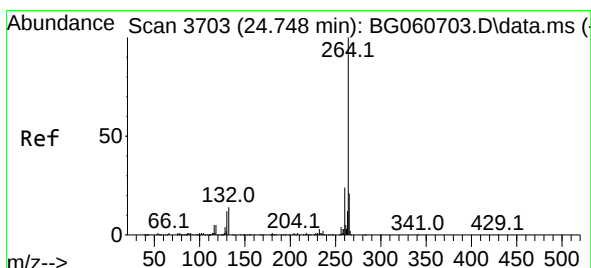
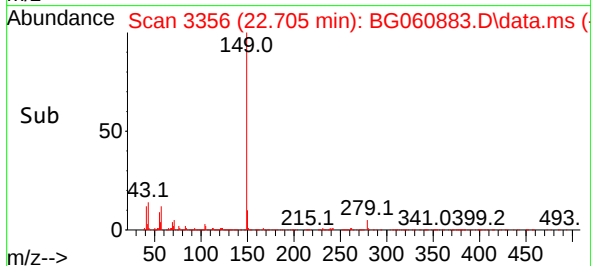
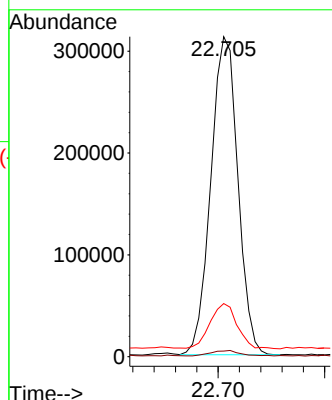
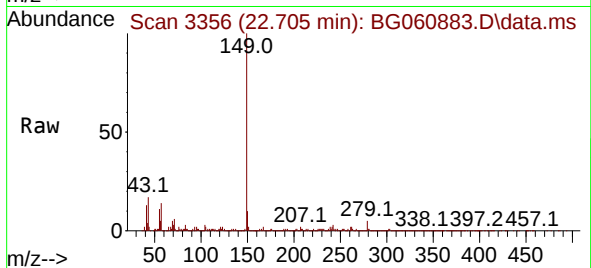
Tgt Ion:149 Resp: 550011

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8#

43 14.4 11.3 16.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.744 min Scan# 3703

Delta R.T. -0.004 min

Lab File: BG060883.D

Acq: 12 Apr 2024 21:06

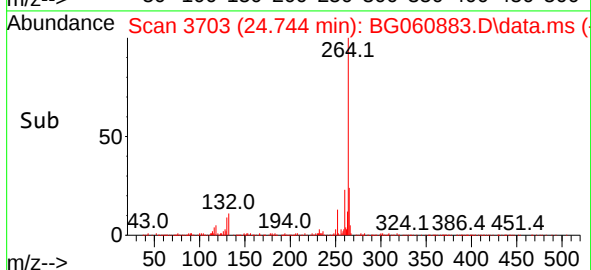
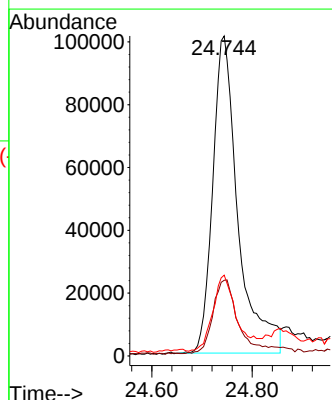
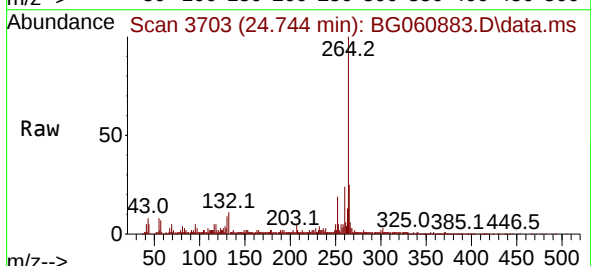
Tgt Ion:264 Resp: 352809

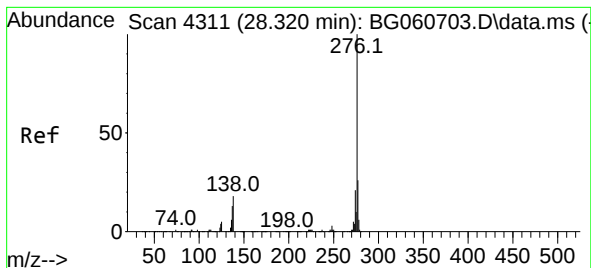
Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 25.3 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 22.122 ng

RT: 28.322 min Scan# 41

Delta R.T. 0.002 min

Lab File: BG060883.D

Acq: 12 Apr 2024 21:06

Instrument :

BNA_G

ClientSampleId :

TR-05-04112024MSD

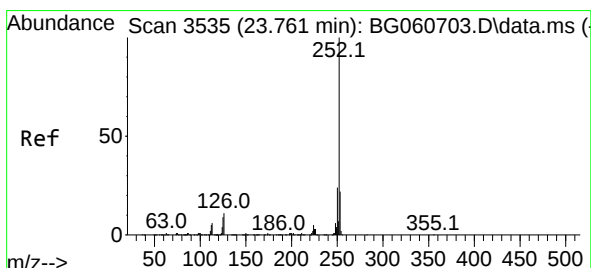
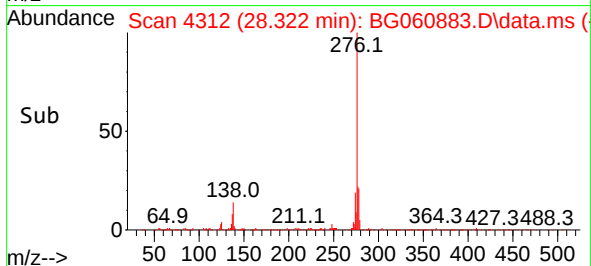
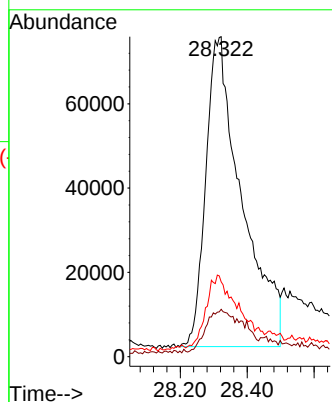
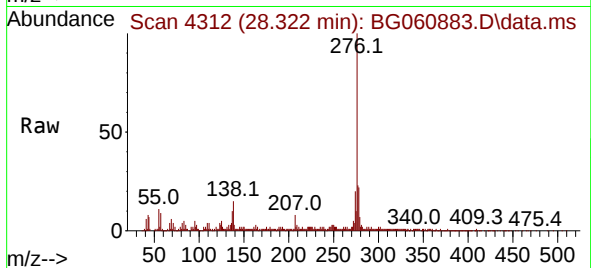
Tgt Ion:276 Resp: 549624

Ion Ratio Lower Upper

276 100

138 14.1 12.4 18.6

277 21.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 54.513 ng

RT: 23.757 min Scan# 3535

Delta R.T. -0.004 min

Lab File: BG060883.D

Acq: 12 Apr 2024 21:06

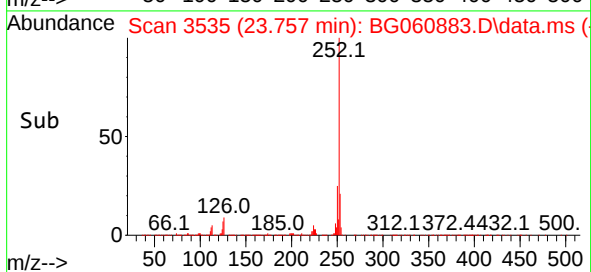
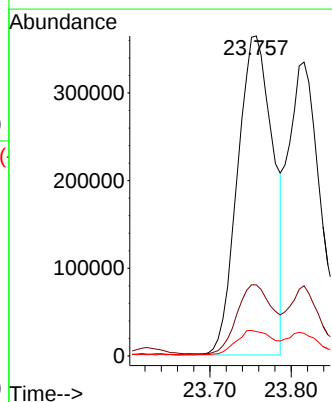
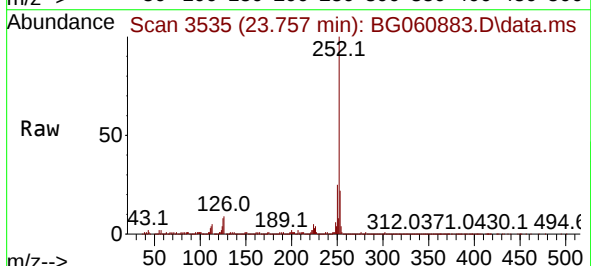
Tgt Ion:252 Resp: 1104903

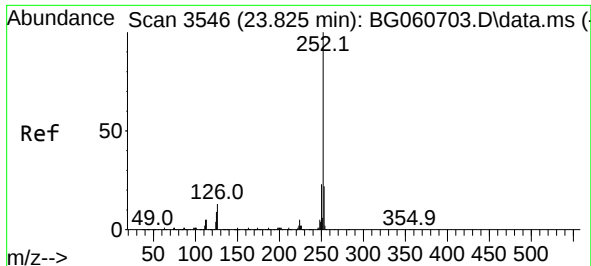
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 7.6 7.1 10.7

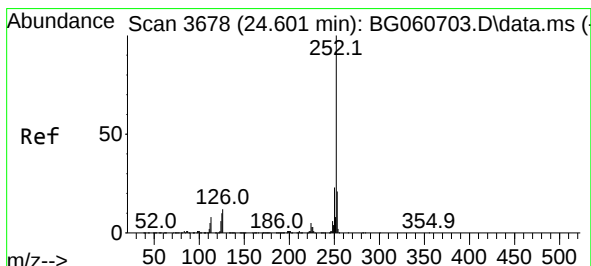
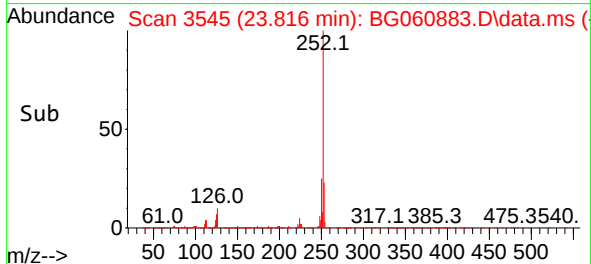
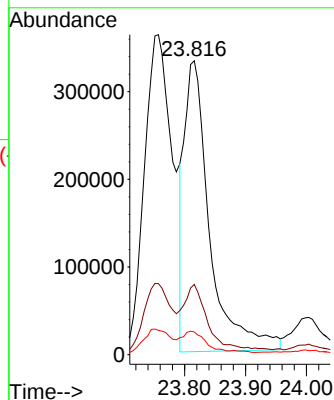
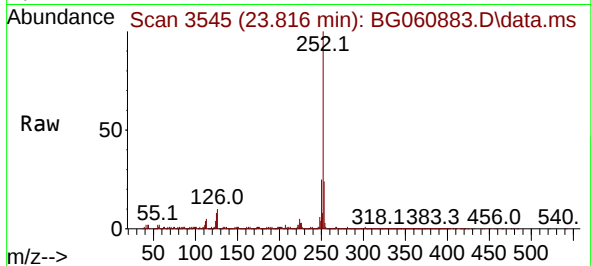




#89
Benzo(k)fluoranthene
Concen: 46.175 ng
RT: 23.816 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

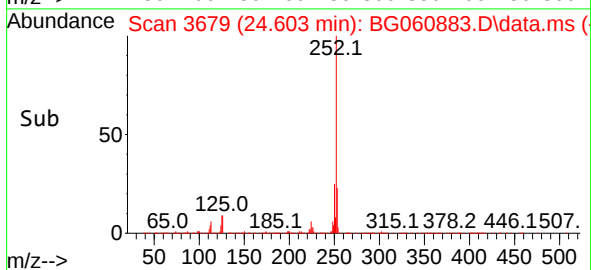
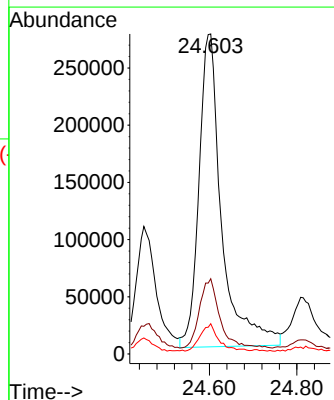
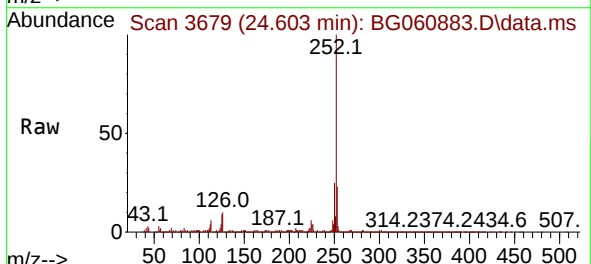
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MSD

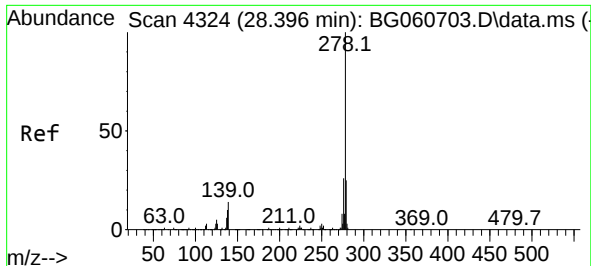
Tgt Ion:252 Resp: 957934
Ion Ratio Lower Upper
252 100
253 23.9 17.6 26.4
125 7.7 7.5 11.3



#90
Benzo(a)pyrene
Concen: 50.159 ng
RT: 24.603 min Scan# 3679
Delta R.T. 0.002 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

Tgt Ion:252 Resp: 987992
Ion Ratio Lower Upper
252 100
253 23.5 16.8 25.2
125 9.5 7.6 11.4

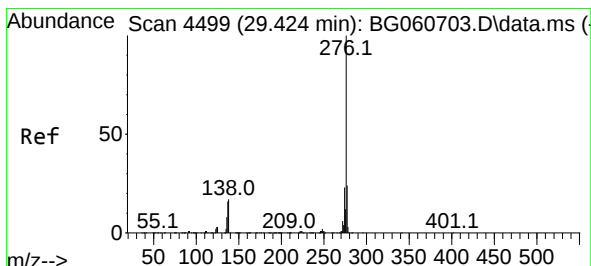
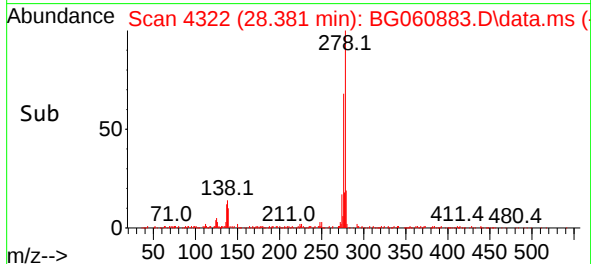
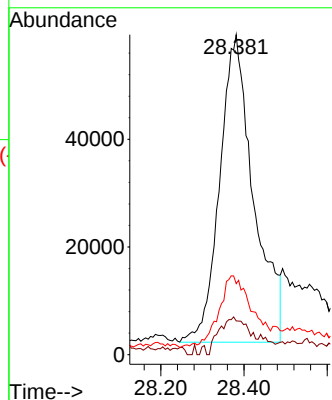
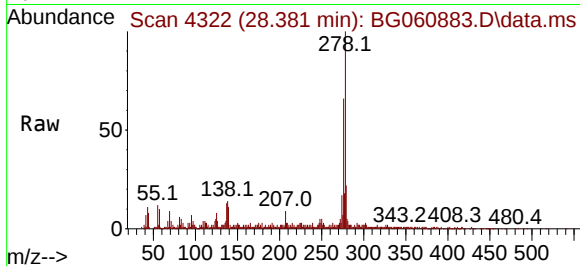




#91
Dibenzo(a,h)anthracene
Concen: 15.450 ng
RT: 28.381 min Scan# 41
Delta R.T. -0.015 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MSD

Tgt Ion:278 Resp: 323576
Ion Ratio Lower Upper
278 100
139 10.5 11.1 16.7#
279 22.2 19.8 29.6



#92
Benzo(g,h,i)perylene
Concen: 18.640 ng
RT: 29.427 min Scan# 4500
Delta R.T. 0.002 min
Lab File: BG060883.D
Acq: 12 Apr 2024 21:06

Tgt Ion:276 Resp: 379766
Ion Ratio Lower Upper
276 100
277 24.1 18.9 28.3
138 13.0 14.0 21.0#

