

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040824\
 Data File : BG060827.D
 Acq On : 8 Apr 2024 15:51
 Operator : MA/JU
 Sample : PB160028BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160028BS

Quant Time: Apr 08 16:21:40 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	7.950	152	51158	20.000	ng	-0.01
21) Naphthalene-d8	10.747	136	221568	20.000	ng	-0.01
39) Acenaphthene-d10	14.578	164	173046	20.000	ng	-0.01
64) Phenanthrene-d10	17.327	188	426343	20.000	ng	-0.01
76) Chrysene-d12	21.593	240	395594	20.000	ng	-0.01
86) Perylene-d12	24.725	264	458296	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	445668	145.126	ng	0.00
7) Phenol-d6	7.116	99	611448	134.136	ng	0.00
23) Nitrobenzene-d5	9.102	82	396231	102.043	ng	-0.01
42) 2,4,6-Tribromophenol	16.070	330	346531	176.410	ng	0.00
45) 2-Fluorobiphenyl	13.203	172	1011080	85.751	ng	-0.02
79) Terphenyl-d14	19.954	244	1964459	87.440	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.455	88	47867	38.018	ng	98
3) Pyridine	3.837	79	128569	33.854	ng	92
4) n-Nitrosodimethylamine	3.755	42	109470	48.222	ng	# 91
6) Aniline	7.275	93	142980	24.838	ng	99
8) 2-Chlorophenol	7.515	128	175322	50.358	ng	95
9) Benzaldehyde	7.087	77	31675	12.601	ng	96
10) Phenol	7.139	94	224519	48.262	ng	96
11) bis(2-Chloroethyl)ether	7.369	93	156486	41.663	ng	96
12) 1,3-Dichlorobenzene	7.839	146	170491	47.091	ng	95
13) 1,4-Dichlorobenzene	7.985	146	179087	48.485	ng	93
14) 1,2-Dichlorobenzene	8.303	146	170526	47.109	ng	99
15) Benzyl Alcohol	8.179	79	174623	47.292	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.467	45	382676	45.146	ng	99
17) 2-Methylphenol	8.391	107	160097	45.586	ng	96
18) Hexachloroethane	9.031	117	62440	47.597	ng	92
19) n-Nitroso-di-n-propyla...	8.755	70	145331	41.807	ng	# 99
20) 3+4-Methylphenols	8.714	107	221858	46.132	ng	95
22) Acetophenone	8.767	105	276365	45.236	ng	# 97
24) Nitrobenzene	9.143	77	204032	47.251	ng	100
25) Isophorone	9.672	82	391885	43.818	ng	100
26) 2-Nitrophenol	9.854	139	88677	56.520	ng	90
27) 2,4-Dimethylphenol	9.918	122	141237	39.313	ng	99
28) bis(2-Chloroethoxy)met...	10.154	93	231814	43.903	ng	99
29) 2,4-Dichlorophenol	10.394	162	182999	55.470	ng	95
30) 1,2,4-Trichlorobenzene	10.606	180	191173	51.175	ng	92
31) Naphthalene	10.794	128	538602	44.938	ng	100
32) Benzoic acid	10.054	122	135696	55.521	ng	96
33) 4-Chloroaniline	10.894	127	89510	16.079	ng	95
34) Hexachlorobutadiene	11.088	225	123625	49.655	ng	96
35) Caprolactam	11.664	113	36274	27.761	ng	94
36) 4-Chloro-3-methylphenol	12.028	107	208015	49.358	ng	97
37) 2-Methylnaphthalene	12.404	142	381635	43.310	ng	99
38) 1-Methylnaphthalene	12.621	142	357267	42.918	ng	96
40) 1,2,4,5-Tetrachloroben...	12.774	216	242012	48.647	ng	99
41) Hexachlorocyclopentadiene	12.756	237	284382	112.421	ng	98
43) 2,4,6-Trichlorophenol	13.009	196	171721	53.606	ng	96

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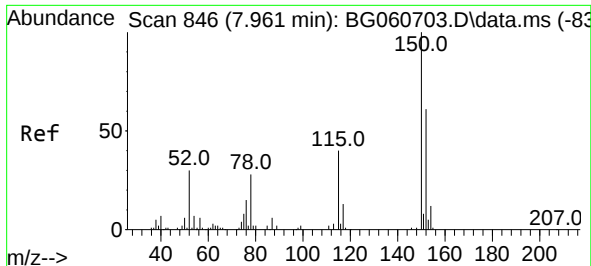
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	190807	49.912	ng	96
46) 1,1'-Biphenyl	13.414	154	546516	44.713	ng	98
47) 2-Chloronaphthalene	13.456	162	431040	46.415	ng	100
48) 2-Nitroaniline	13.649	65	157994	51.769	ng	97
49) Acenaphthylene	14.302	152	750403	48.091	ng	100
50) Dimethylphthalate	14.037	163	618177	45.196	ng	99
51) 2,6-Dinitrotoluene	14.149	165	123455	50.236	ng	95
52) Acenaphthene	14.642	154	415905	42.452	ng	99
53) 3-Nitroaniline	14.472	138	74629	28.980	ng	97
54) 2,4-Dinitrophenol	14.684	184	147370	154.792	ng	90
55) Dibenzofuran	14.977	168	698085	45.174	ng	100
56) 4-Nitrophenol	14.789	139	229297	114.675	ng	96
57) 2,4-Dinitrotoluene	14.936	165	177061	54.722	ng	93
58) Fluorene	15.629	166	572583	46.167	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.201	232	186271	55.911	ng	97
60) Diethylphthalate	15.406	149	610072	44.334	ng	98
61) 4-Chlorophenyl-phenyle...	15.624	204	309112	47.110	ng	93
62) 4-Nitroaniline	15.641	138	135006	53.987	ng	98
63) Azobenzene	15.917	77	589881	43.991	ng	98
65) 4,6-Dinitro-2-methylph...	15.700	198	106009	58.456	ng	97
66) n-Nitrosodiphenylamine	15.841	169	536991	44.076	ng	99
67) 4-Bromophenyl-phenylether	16.517	248	211549	48.893	ng	99
68) Hexachlorobenzene	16.634	284	242831	49.715	ng	99
69) Atrazine	16.793	200	209902	49.267	ng	98
70) Pentachlorophenol	16.975	266	338170	106.106	ng	99
71) Phenanthrene	17.369	178	996632	44.948	ng	99
72) Anthracene	17.463	178	1013337	45.001	ng	99
73) Carbazole	17.727	167	896915	45.175	ng	98
74) Di-n-butylphthalate	18.303	149	1053905	42.578	ng	100
75) Fluoranthene	19.384	202	1215678	45.182	ng	98
77) Benzidine	19.560	184	330875	31.763	ng	99
78) Pyrene	19.742	202	1271188	45.946	ng	99
80) Butylbenzylphthalate	20.647	149	457830	45.363	ng	97
81) Benzo(a)anthracene	21.570	228	1309670	46.967	ng	98
82) 3,3'-Dichlorobenzidine	21.487	252	291098	30.917	ng	98
83) Chrysene	21.634	228	1234367	45.926	ng	98
84) Bis(2-ethylhexyl)phtha...	21.511	149	682263	42.413	ng	97
85) Di-n-octyl phthalate	22.709	149	1170146	44.652	ng	100
87) Indeno(1,2,3-cd)pyrene	28.279	276	1581619	49.007	ng	98
88) Benzo(b)fluoranthene	23.738	252	1289615	48.981	ng	98
89) Benzo(k)fluoranthene	23.738	252	1289615	47.854	ng	98
90) Benzo(a)pyrene	24.578	252	1201550	46.960	ng	98
91) Dibenzo(a,h)anthracene	28.350	278	1303991	47.931	ng #	95
92) Benzo(g,h,i)perylene	29.384	276	1224165	46.256	ng	98

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

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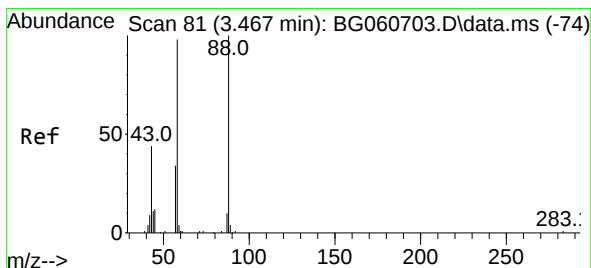
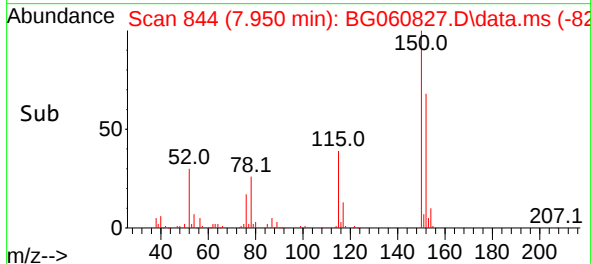
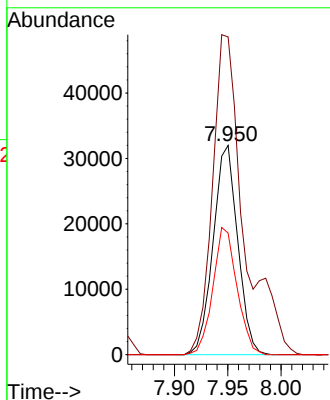
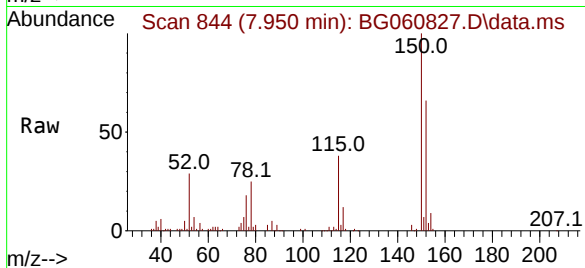




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.950 min Scan# 84
 Delta R.T. -0.011 min
 Lab File: BG060827.D
 Acq: 8 Apr 2024 15:51

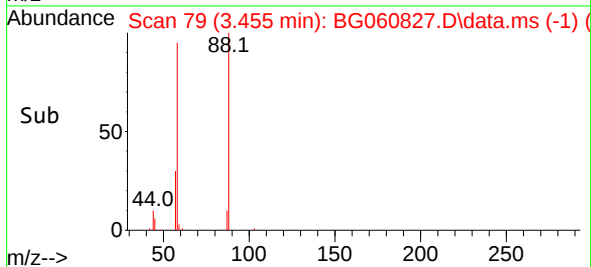
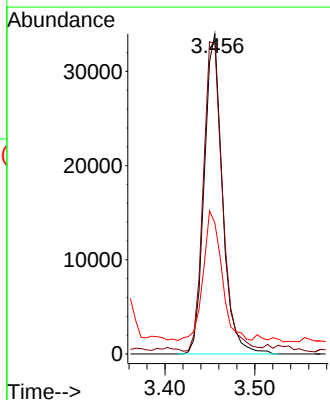
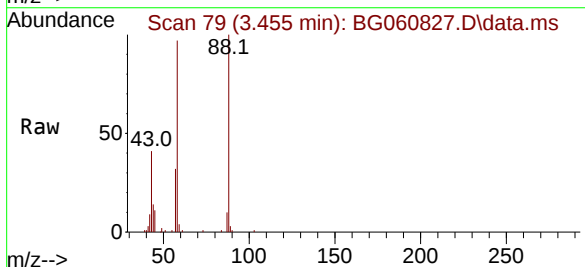
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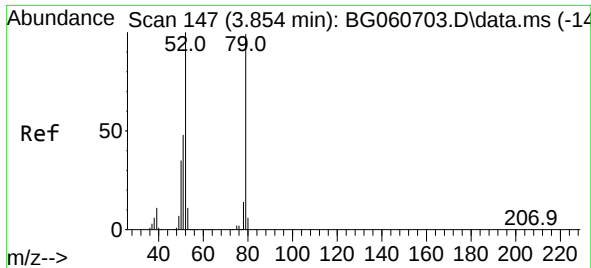
Tgt Ion:152 Resp: 51158
 Ion Ratio Lower Upper
 152 100
 150 151.9 130.2 195.4
 115 58.1 51.6 77.4



#2
 1,4-Dioxane
 Concen: 38.018 ng
 RT: 3.455 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BG060827.D
 Acq: 8 Apr 2024 15:51

Tgt Ion: 88 Resp: 47867
 Ion Ratio Lower Upper
 88 100
 58 101.8 80.9 121.3
 43 41.0 35.4 53.0

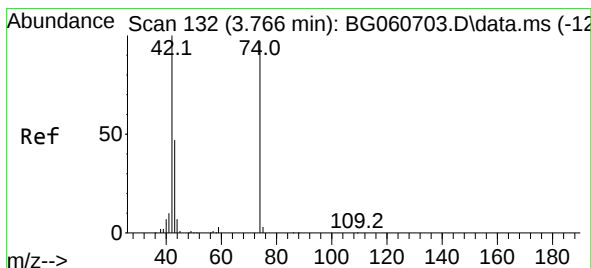
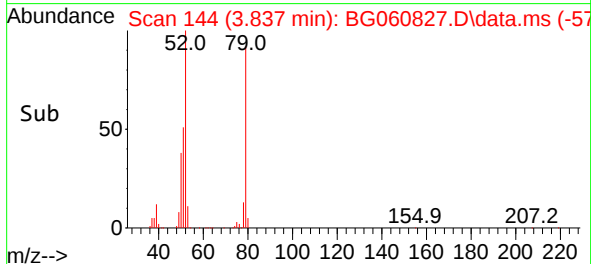
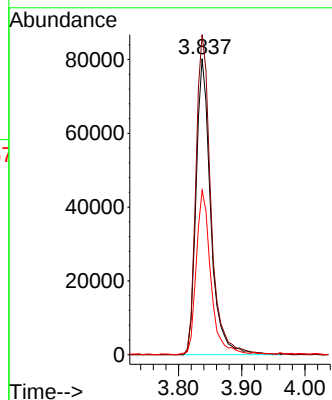
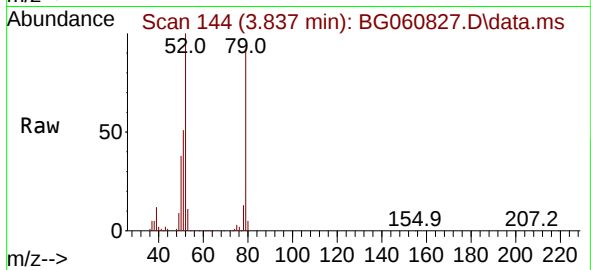




#3
Pyridine
Concen: 33.854 ng
RT: 3.837 min Scan# 14
Delta R.T. -0.017 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

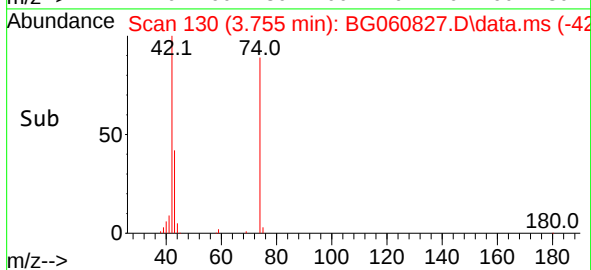
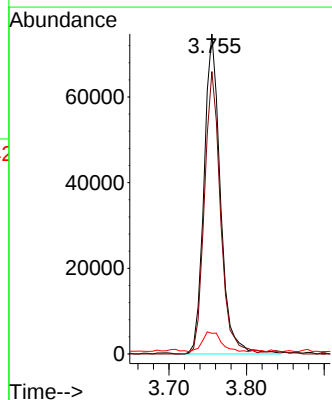
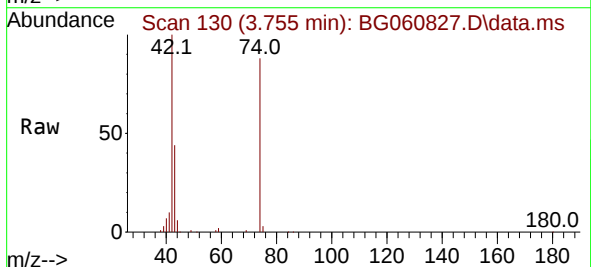
Instrument :
BNA_G
ClientSampleId :
PB160028BS

Tgt Ion: 79 Resp: 128569
Ion Ratio Lower Upper
79 100
52 108.1 80.6 120.8
51 55.5 39.1 58.7



#4
n-Nitrosodimethylamine
Concen: 48.222 ng
RT: 3.755 min Scan# 130
Delta R.T. -0.011 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

Tgt Ion: 42 Resp: 109470
Ion Ratio Lower Upper
42 100
74 88.2 77.8 116.8
44 6.4 6.8 10.2#

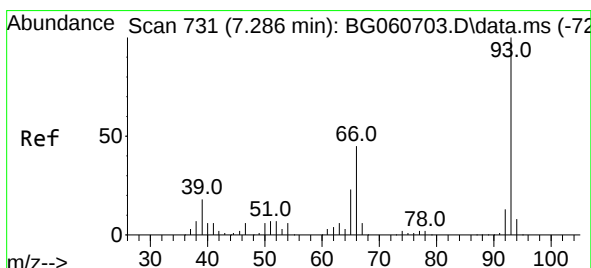
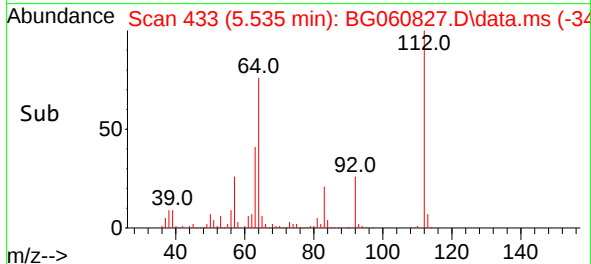
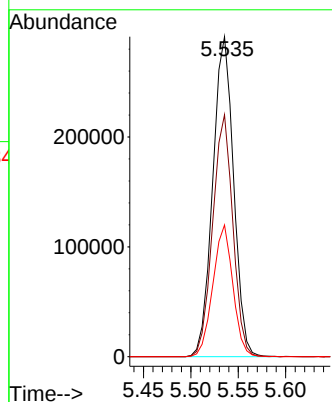
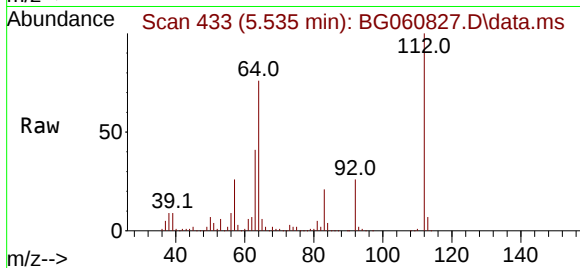




#5
2-Fluorophenol
Concen: 145.126 ng
RT: 5.535 min Scan# 411
Delta R.T. 0.001 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

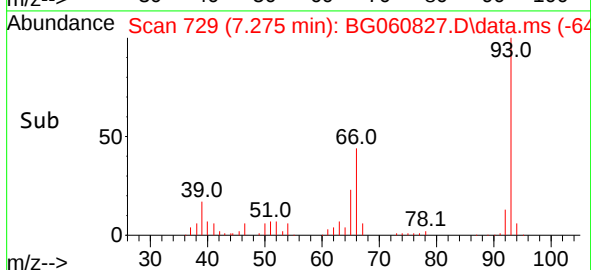
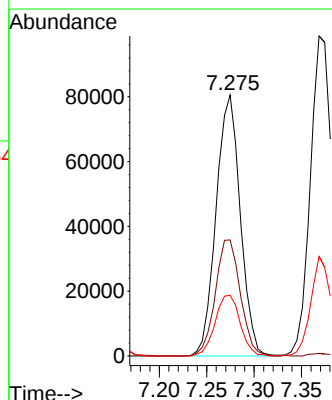
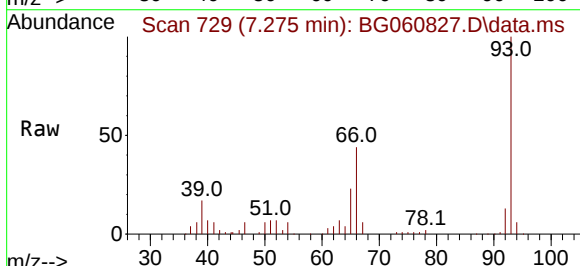
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ClientSampleId :
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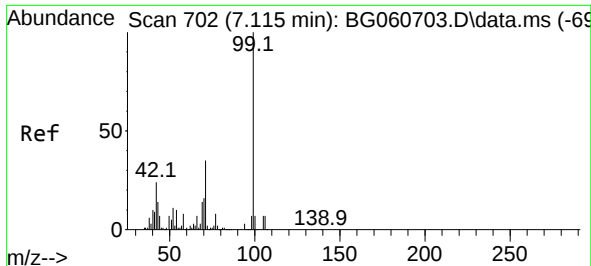
Tgt Ion:112 Resp: 445668
Ion Ratio Lower Upper
112 100
64 75.6 58.4 87.6
63 41.1 32.7 49.1



#6
Aniline
Concen: 24.838 ng
RT: 7.275 min Scan# 729
Delta R.T. -0.011 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

Tgt Ion: 93 Resp: 142980
Ion Ratio Lower Upper
93 100
66 44.4 36.1 54.1
65 23.2 18.1 27.1

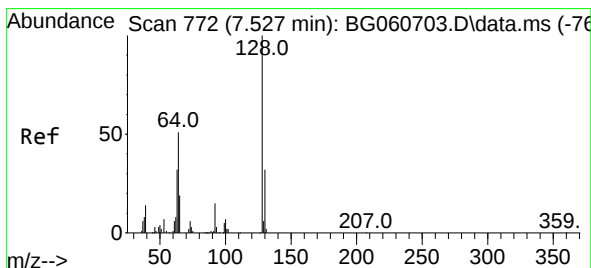
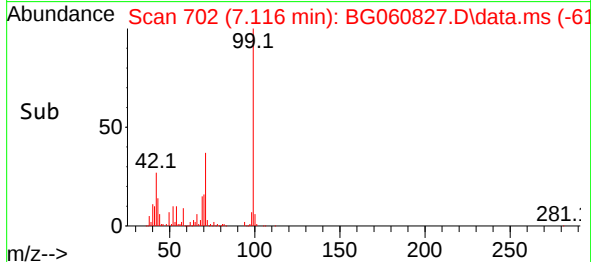
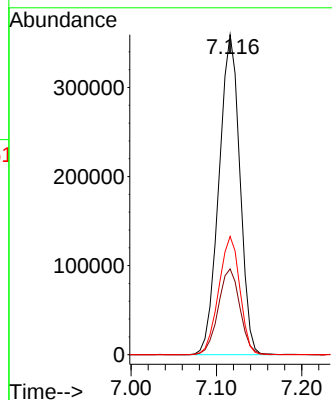
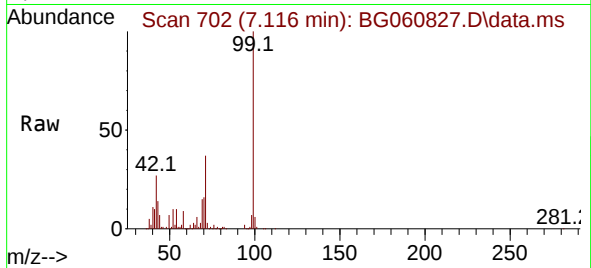




#7
Phenol-d6
Concen: 134.136 ng
RT: 7.116 min Scan# 702
Delta R.T. 0.001 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

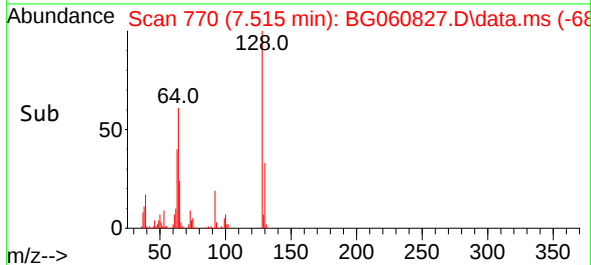
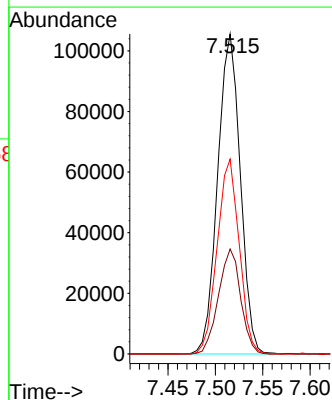
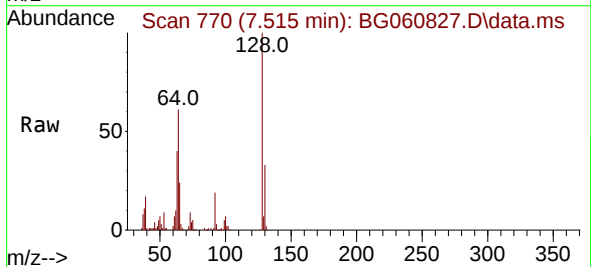
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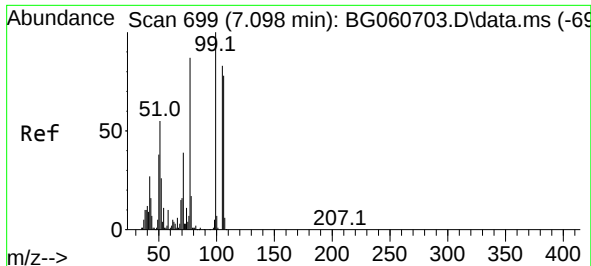
Tgt Ion: 99 Resp: 611448
Ion Ratio Lower Upper
99 100
42 26.8 19.4 29.2
71 37.0 28.2 42.2



#8
2-Chlorophenol
Concen: 50.358 ng
RT: 7.515 min Scan# 770
Delta R.T. -0.011 min
Lab File: BG060827.D
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Tgt Ion:128 Resp: 175322
Ion Ratio Lower Upper
128 100
130 32.8 12.3 52.3
64 60.9 35.0 75.0

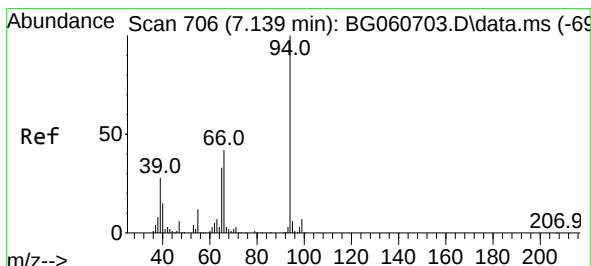
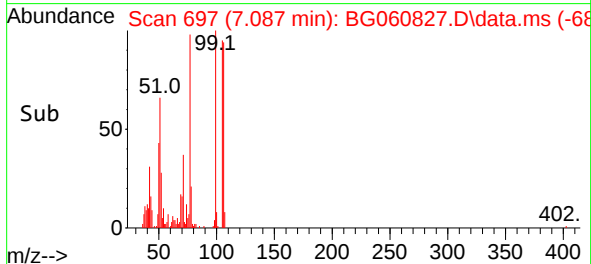
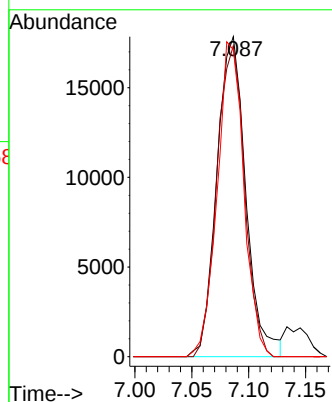
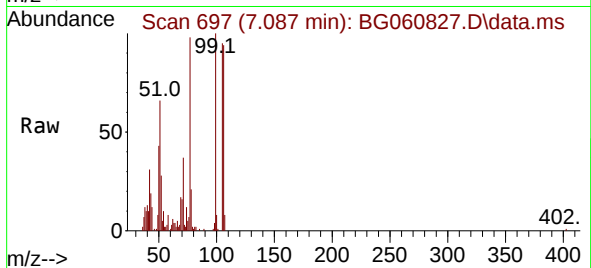




#9
Benzaldehyde
Concen: 12.601 ng
RT: 7.087 min Scan# 699
Delta R.T. -0.011 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

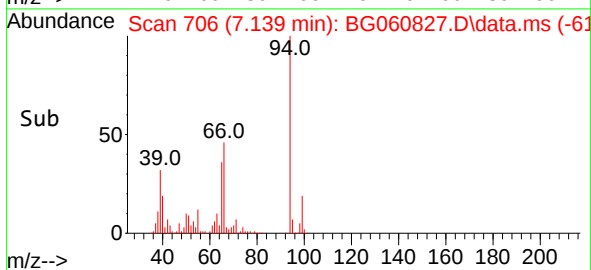
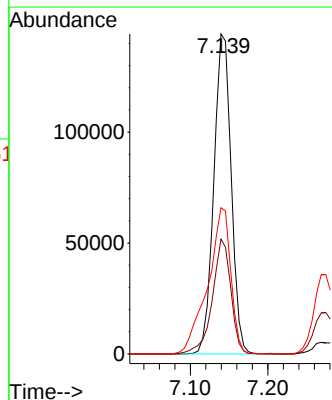
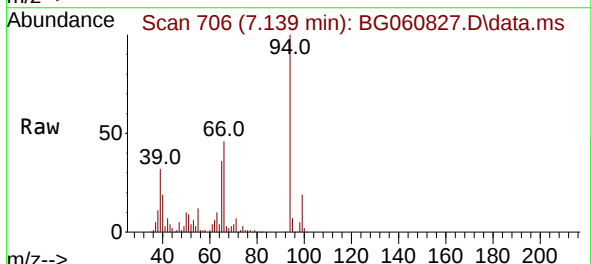
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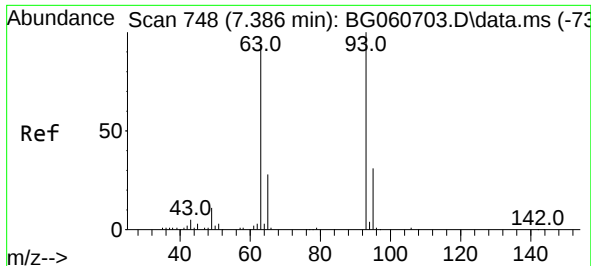
Tgt Ion: 77 Resp: 31675
Ion Ratio Lower Upper
77 100
105 97.2 76.0 116.0
106 95.9 70.3 110.3



#10
Phenol
Concen: 48.262 ng
RT: 7.139 min Scan# 706
Delta R.T. 0.001 min
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Tgt Ion: 94 Resp: 224519
Ion Ratio Lower Upper
94 100
65 35.9 13.3 53.3
66 45.7 22.9 62.9

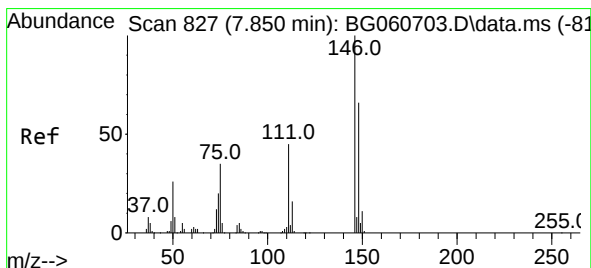
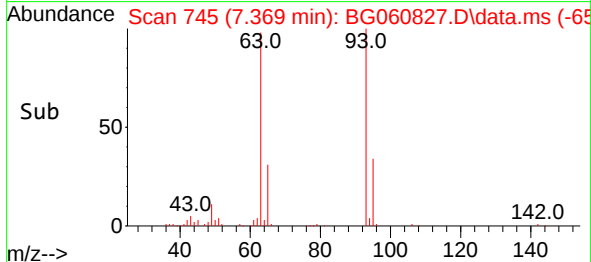
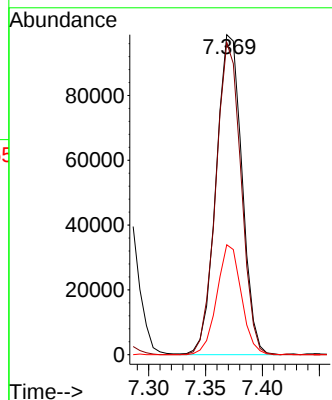
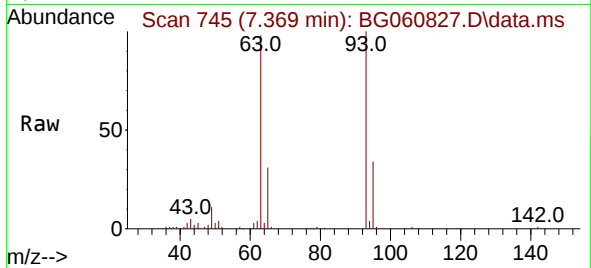




#11
bis(2-Chloroethyl)ether
Concen: 41.663 ng
RT: 7.369 min Scan# 748
Delta R.T. -0.017 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

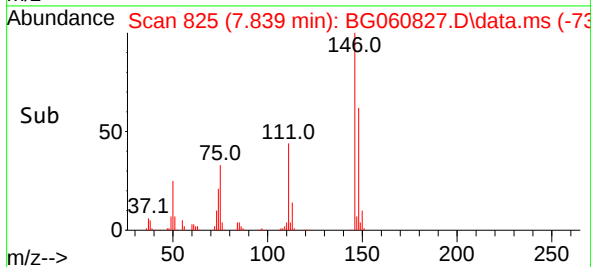
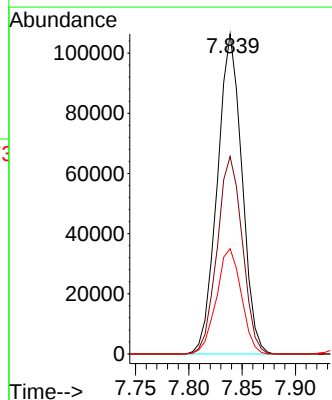
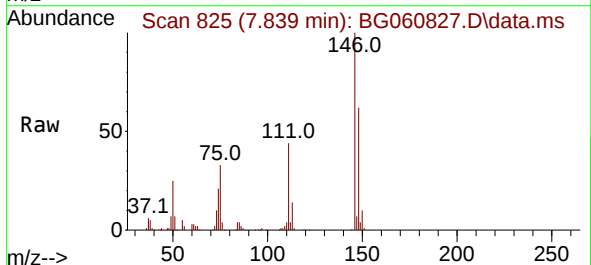
Instrument :
BNA_G
ClientSampleId :
PB160028BS

Tgt Ion: 93 Resp: 156486
Ion Ratio Lower Upper
93 100
63 97.5 73.7 113.7
95 34.3 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 47.091 ng
RT: 7.839 min Scan# 825
Delta R.T. -0.011 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

Tgt Ion: 146 Resp: 170491
Ion Ratio Lower Upper
146 100
148 61.7 53.0 79.4
75 32.9 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 48.485 ng

RT: 7.985 min Scan# 81

Delta R.T. -0.011 min

Lab File: BG060827.D

Acq: 8 Apr 2024 15:51

Instrument :

BNA_G

ClientSampleId :

PB160028BS

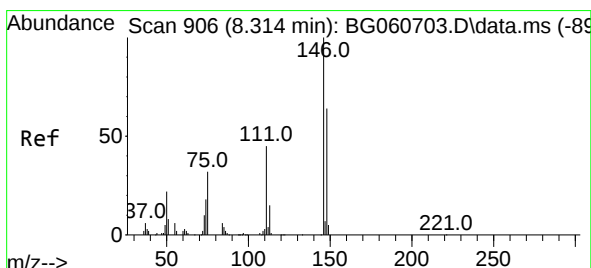
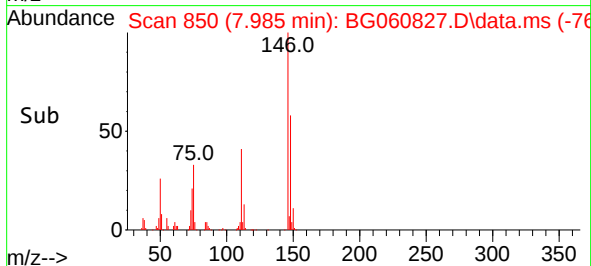
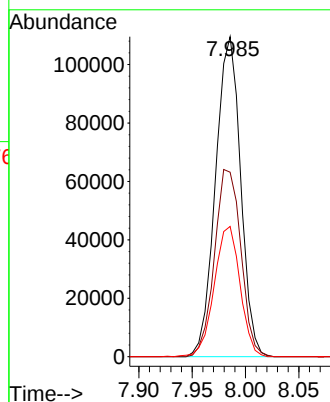
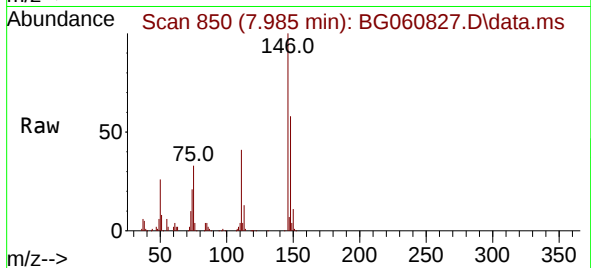
Tgt Ion:146 Resp: 179087

Ion Ratio Lower Upper

146 100

148 57.7 51.1 76.7

111 40.7 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 47.109 ng

RT: 8.303 min Scan# 904

Delta R.T. -0.011 min

Lab File: BG060827.D

Acq: 8 Apr 2024 15:51

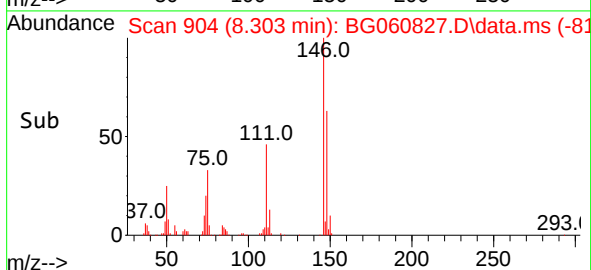
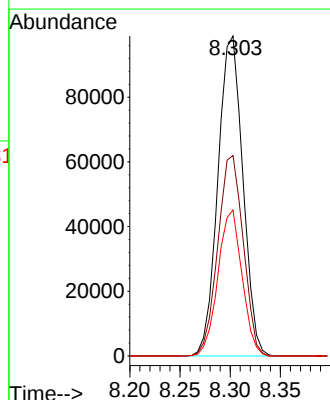
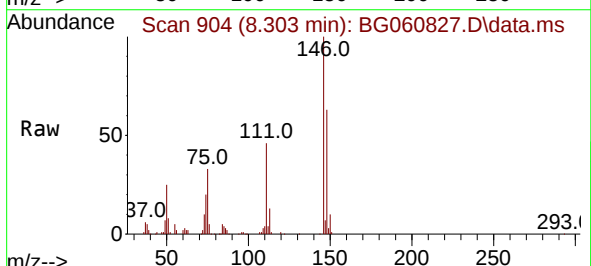
Tgt Ion:146 Resp: 170526

Ion Ratio Lower Upper

146 100

148 62.6 51.0 76.6

111 45.6 36.0 54.0

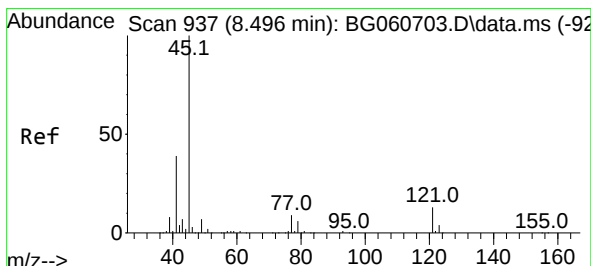
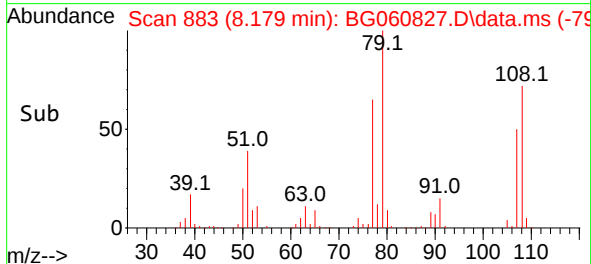
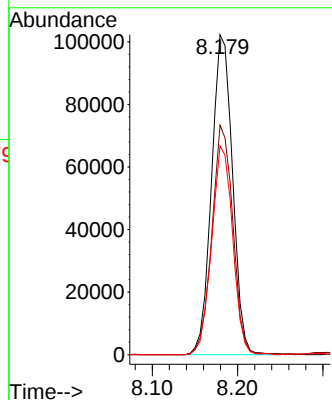
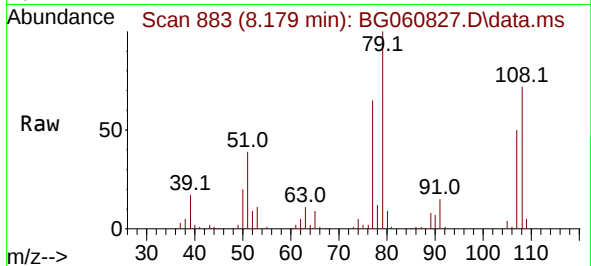




#15
Benzyl Alcohol
Concen: 47.292 ng
RT: 8.179 min Scan# 811
Delta R.T. -0.011 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

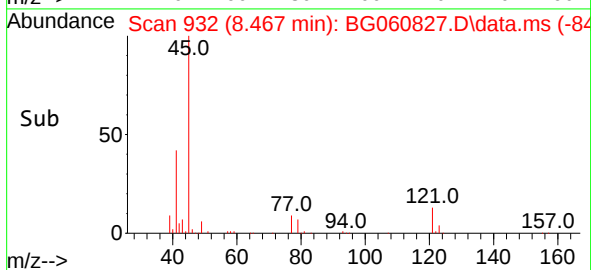
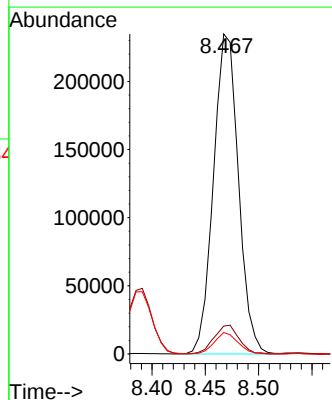
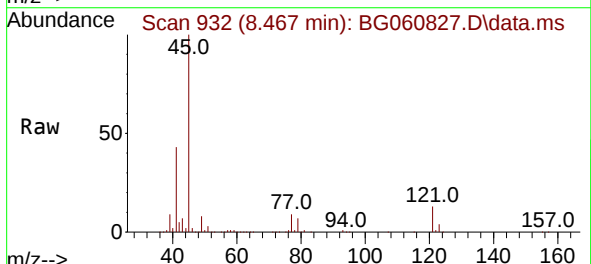
Instrument :
BNA_G
ClientSampleId :
PB160028BS

Tgt Ion: 79 Resp: 174623
Ion Ratio Lower Upper
79 100
108 71.7 61.4 92.0
77 65.3 53.6 80.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.146 ng
RT: 8.467 min Scan# 932
Delta R.T. -0.029 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

Tgt Ion: 45 Resp: 382676
Ion Ratio Lower Upper
45 100
77 8.7 0.0 29.1
79 6.7 0.0 26.5

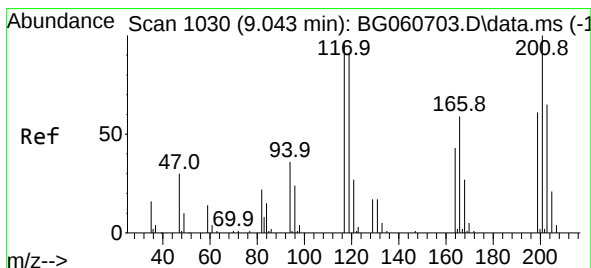
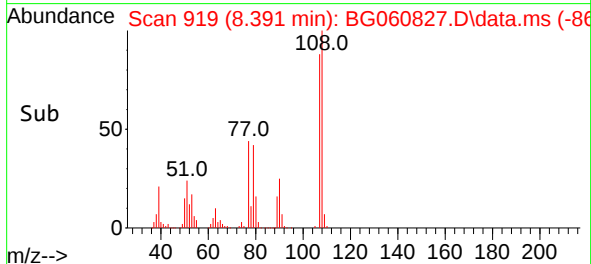
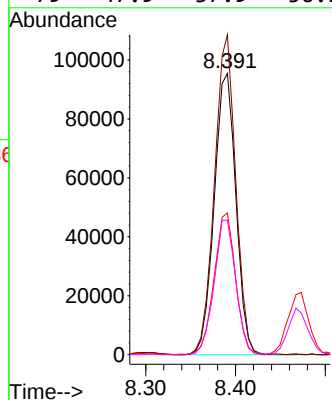
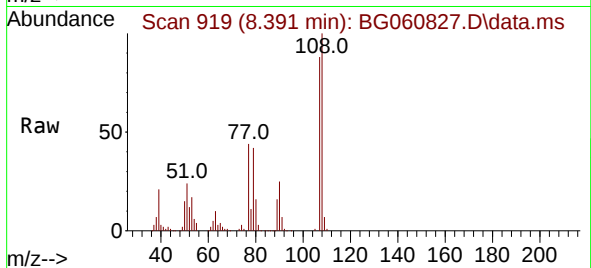




#17
2-Methylphenol
Concen: 45.586 ng
RT: 8.391 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

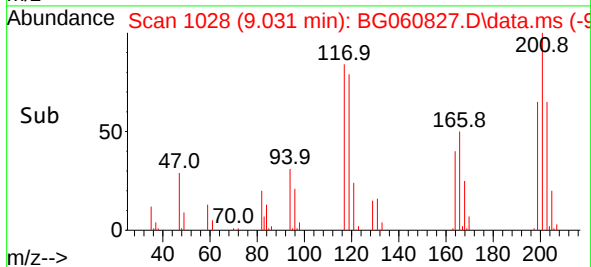
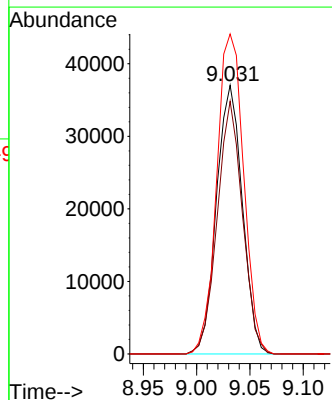
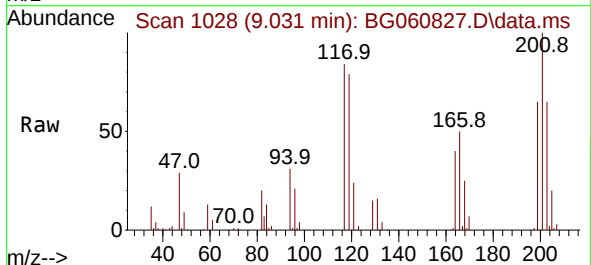
Instrument :
BNA_G
ClientSampleId :
PB160028BS

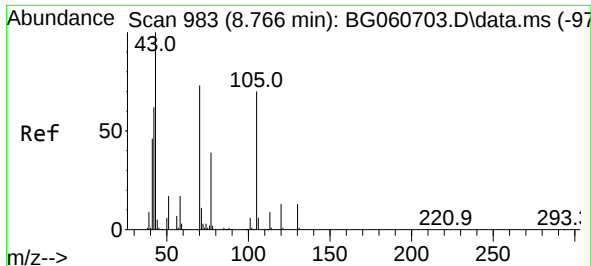
Tgt Ion:	107	Resp:	160097
Ion	Ratio	Lower	Upper
107	100		
108	113.8	86.4	129.6
77	50.4	38.6	58.0
79	47.9	37.9	56.9



#18
Hexachloroethane
Concen: 47.597 ng
RT: 9.031 min Scan# 1028
Delta R.T. -0.011 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

Tgt Ion:	117	Resp:	62440
Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.7	113.5
201	119.1	83.4	125.2

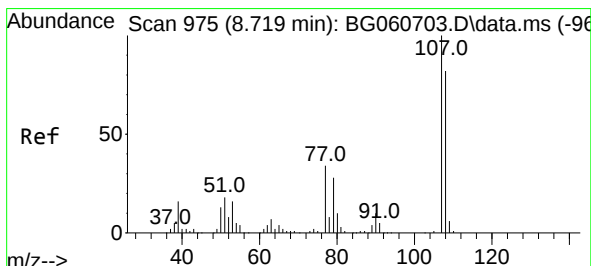
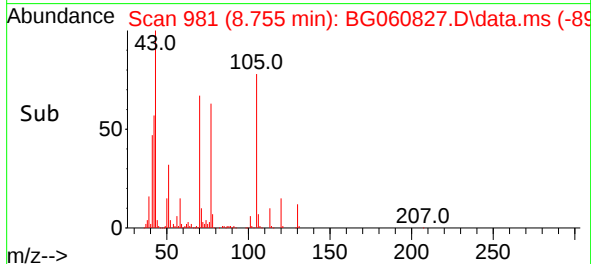
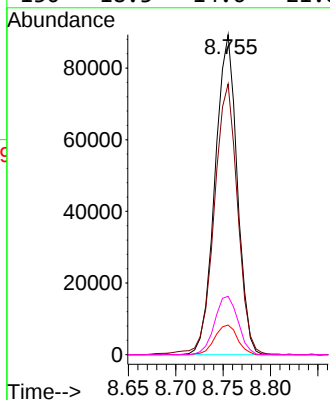
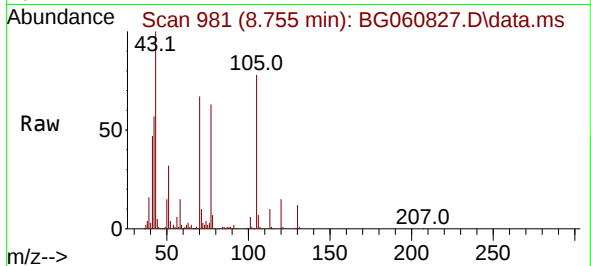




#19
n-Nitroso-di-n-propylamine
Concen: 41.807 ng
RT: 8.755 min Scan# 91
Delta R.T. -0.011 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

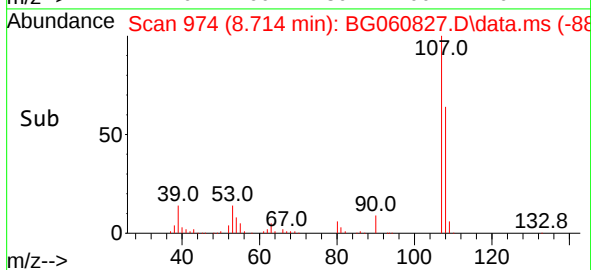
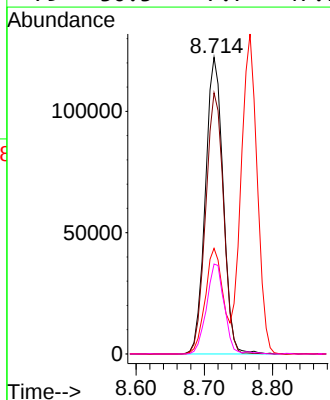
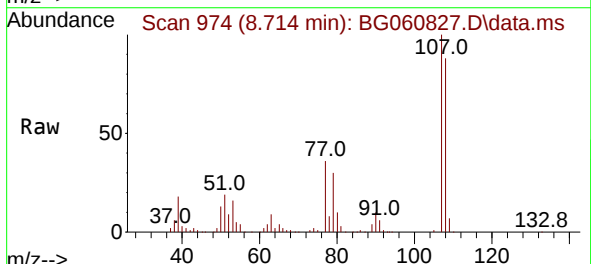
Instrument :
BNA_G
ClientSampleId :
PB160028BS

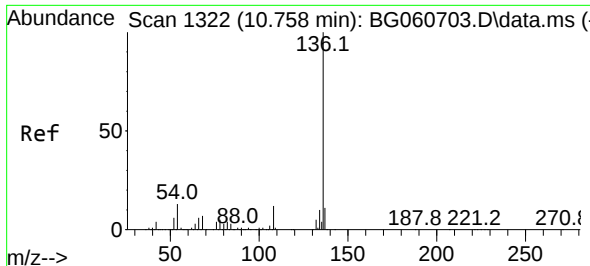
Tgt Ion: 70 Resp: 145331
Ion Ratio Lower Upper
70 100
42 84.6 68.4 102.6
101 9.2 6.1 9.1#
130 18.3 14.6 21.8



#20
3+4-Methylphenols
Concen: 46.132 ng
RT: 8.714 min Scan# 974
Delta R.T. -0.005 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

Tgt Ion: 107 Resp: 221858
Ion Ratio Lower Upper
107 100
108 88.0 62.2 102.2
77 35.6 14.1 54.1
79 30.3 7.7 47.7

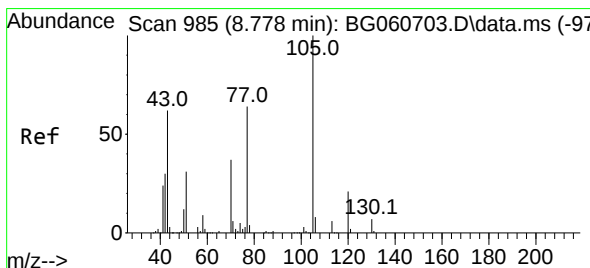
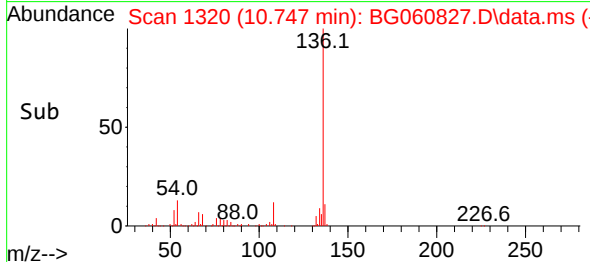
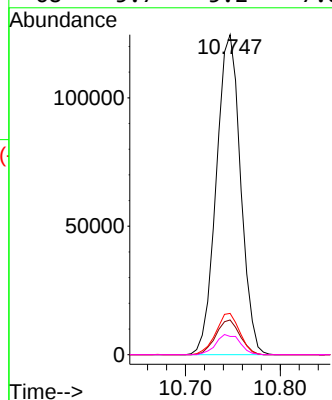
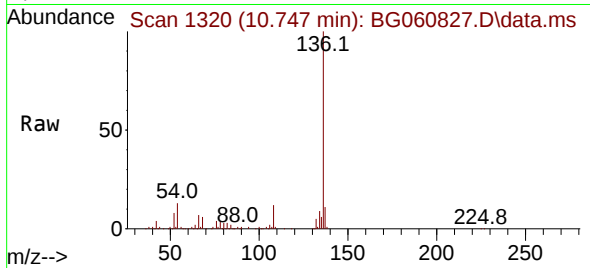




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.747 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

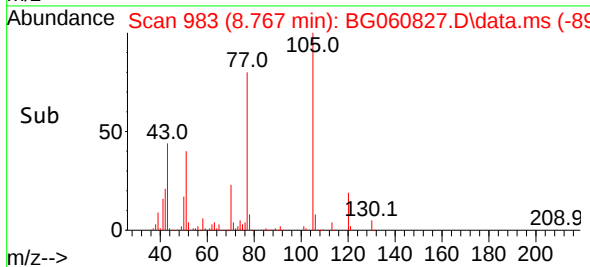
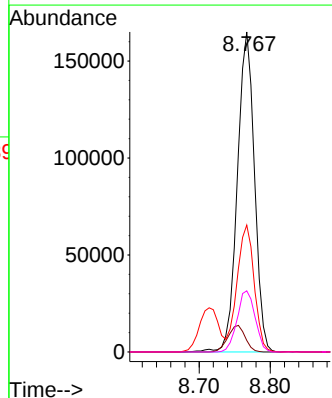
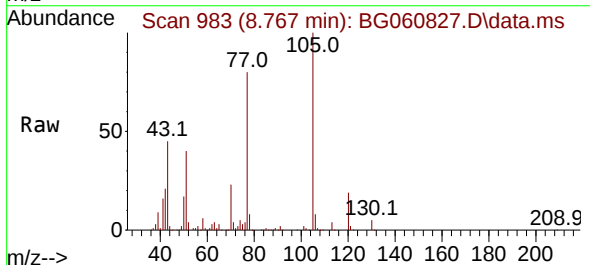
Instrument :
BNA_G
ClientSampleId :
PB160028BS

Tgt Ion:136 Resp: 221568
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 12.9 10.2 15.2
68 5.7 5.2 7.8



#22
Acetophenone
Concen: 45.236 ng
RT: 8.767 min Scan# 983
Delta R.T. -0.011 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

Tgt Ion:105 Resp: 276365
Ion Ratio Lower Upper
105 100
71 3.6 4.9 7.3#
51 39.7 31.1 46.7
120 19.1 17.0 25.4





#23

Nitrobenzene-d5

Concen: 102.043 ng

RT: 9.102 min Scan# 1040

Delta R.T. -0.011 min

Lab File: BG060827.D

Acq: 8 Apr 2024 15:51

Instrument :

BNA_G

ClientSampleId :

PB160028BS

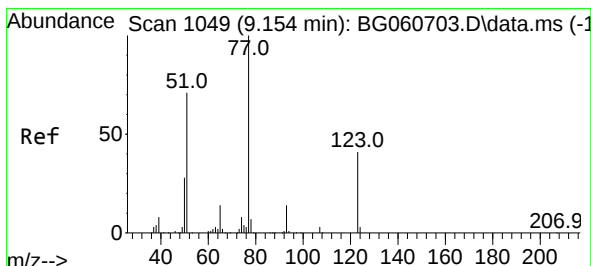
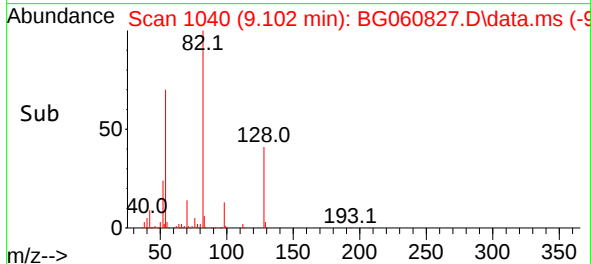
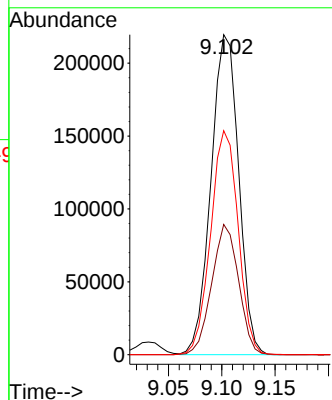
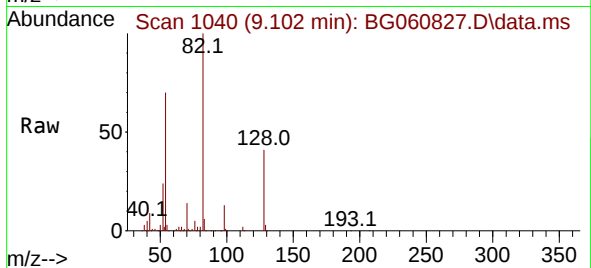
Tgt Ion: 82 Resp: 396231

Ion Ratio Lower Upper

82 100

128 40.7 31.2 46.8

54 70.0 53.2 79.8



#24

Nitrobenzene

Concen: 47.251 ng

RT: 9.143 min Scan# 1047

Delta R.T. -0.011 min

Lab File: BG060827.D

Acq: 8 Apr 2024 15:51

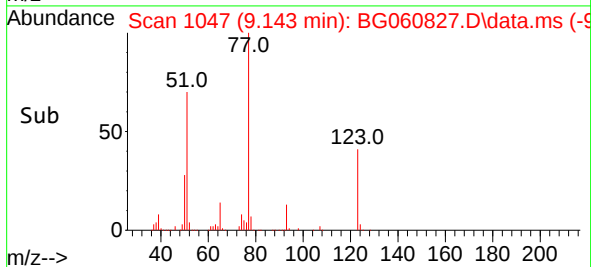
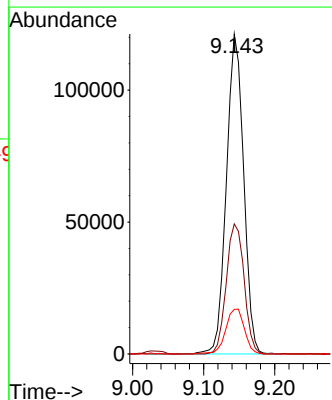
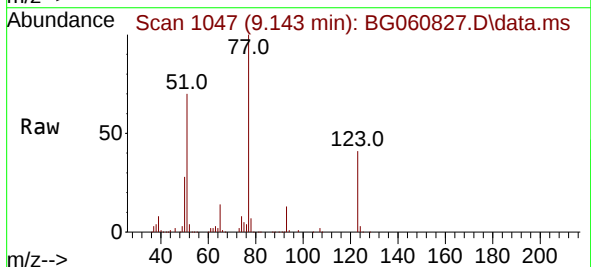
Tgt Ion: 77 Resp: 204032

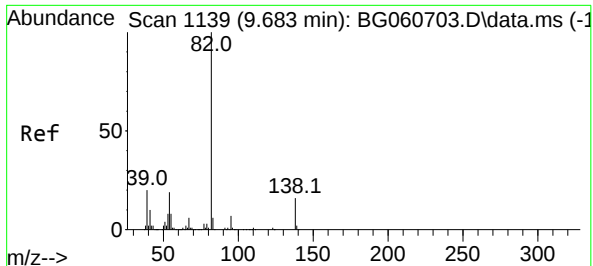
Ion Ratio Lower Upper

77 100

123 40.7 32.7 49.1

65 13.9 11.3 16.9

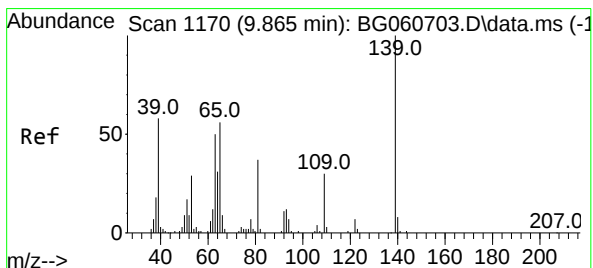
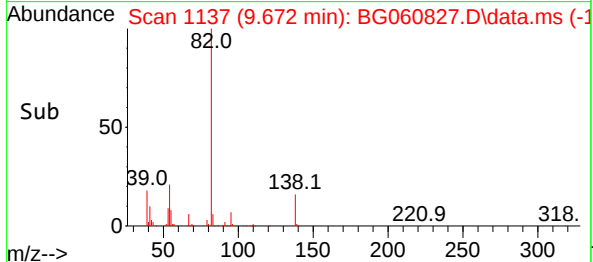
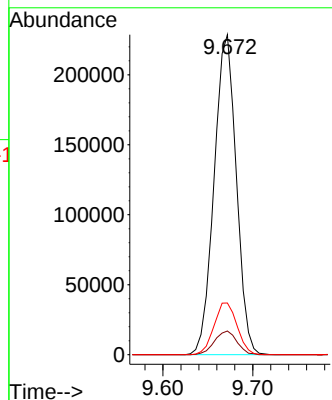
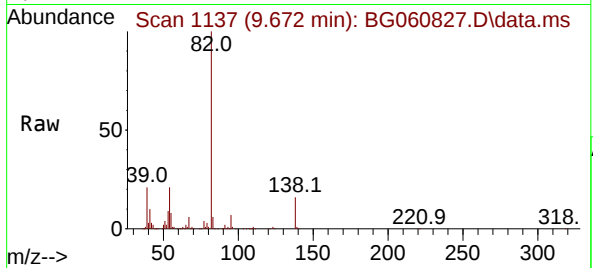




#25
Isophorone
Concen: 43.818 ng
RT: 9.672 min Scan# 1137
Delta R.T. -0.011 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

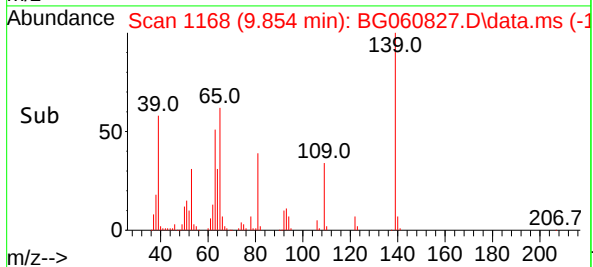
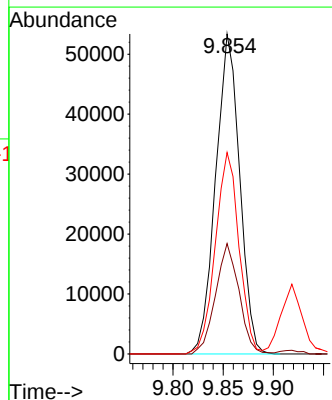
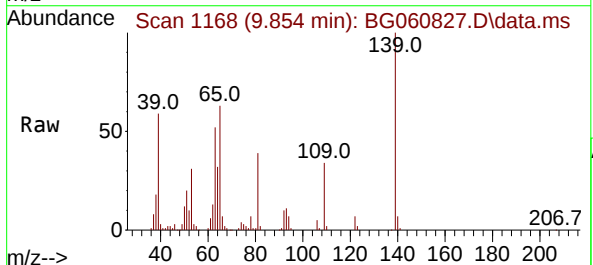
Instrument :
BNA_G
ClientSampleId :
PB160028BS

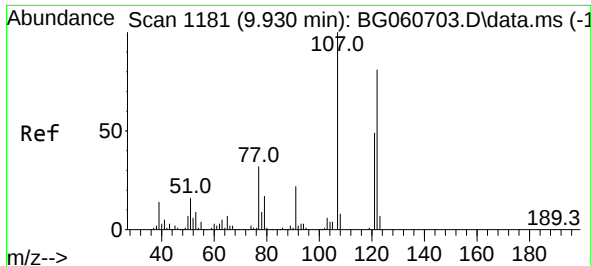
Tgt Ion: 82 Resp: 391885
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 16.2 13.0 19.4



#26
2-Nitrophenol
Concen: 56.520 ng
RT: 9.854 min Scan# 1168
Delta R.T. -0.011 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

Tgt Ion: 139 Resp: 88677
Ion Ratio Lower Upper
139 100
109 34.5 23.9 35.9
65 63.0 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 39.313 ng

RT: 9.918 min Scan# 1179

Delta R.T. -0.011 min

Lab File: BG060827.D

Acq: 8 Apr 2024 15:51

Instrument :

BNA_G

ClientSampleId :

PB160028BS

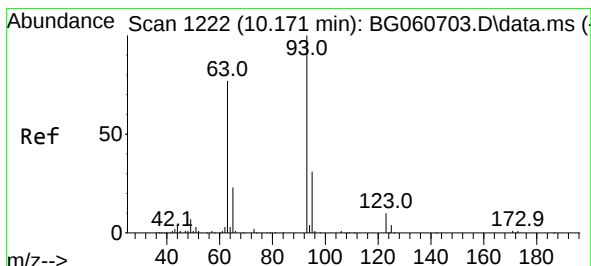
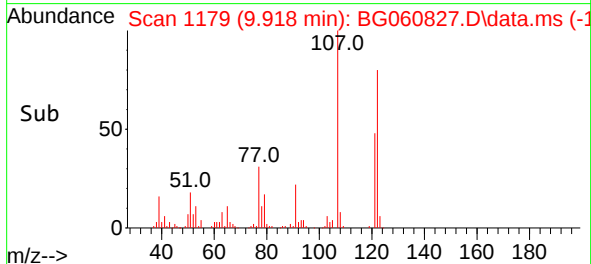
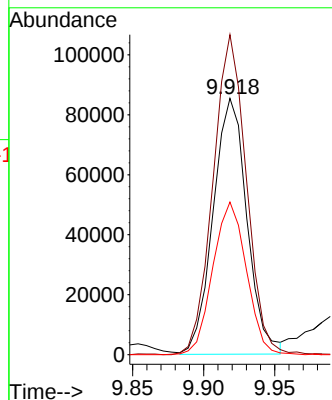
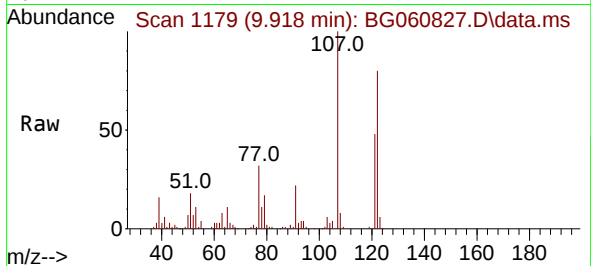
Tgt Ion:122 Resp: 141237

Ion Ratio Lower Upper

122 100

107 124.9 98.6 147.8

121 59.5 48.1 72.1



#28

bis(2-Chloroethoxy)methane

Concen: 43.903 ng

RT: 10.154 min Scan# 1219

Delta R.T. -0.017 min

Lab File: BG060827.D

Acq: 8 Apr 2024 15:51

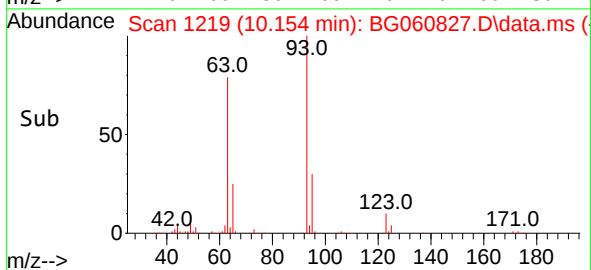
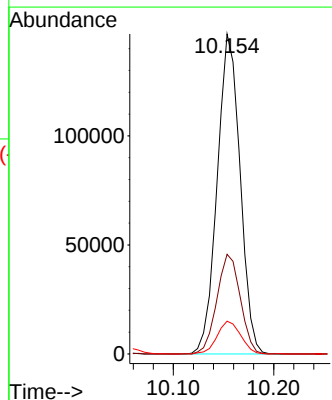
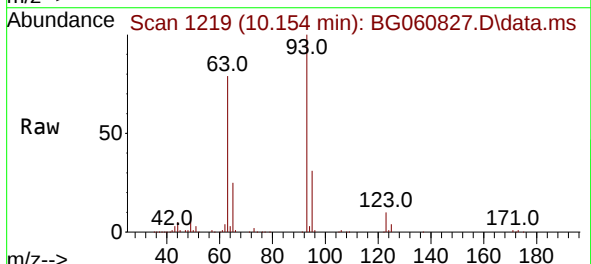
Tgt Ion: 93 Resp: 231814

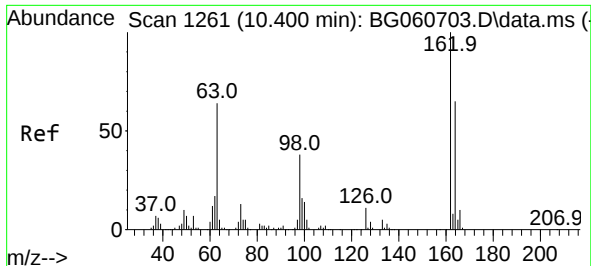
Ion Ratio Lower Upper

93 100

95 31.1 25.1 37.7

123 10.3 8.0 12.0

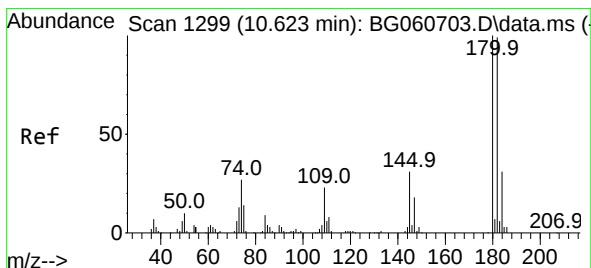
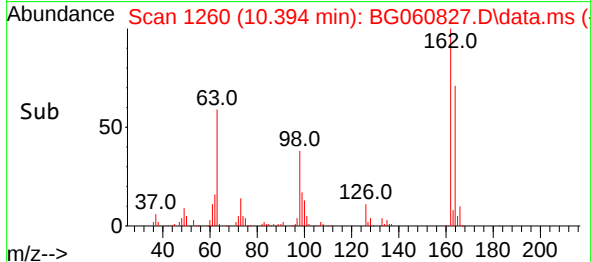
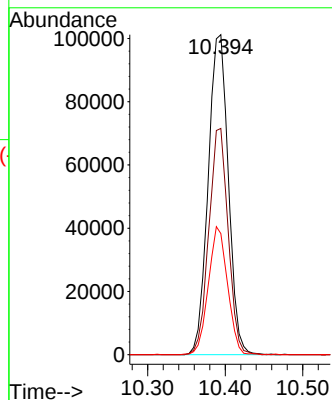
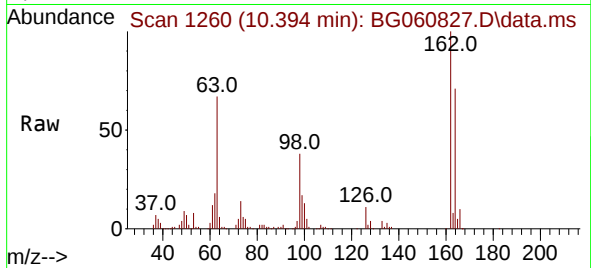




#29
2,4-Dichlorophenol
Concen: 55.470 ng
RT: 10.394 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

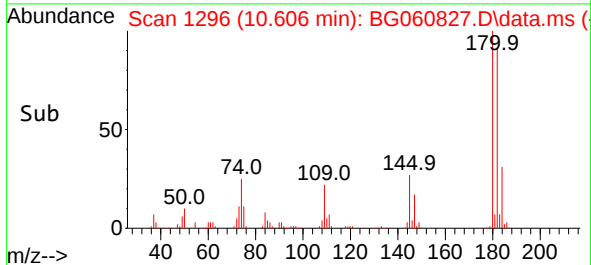
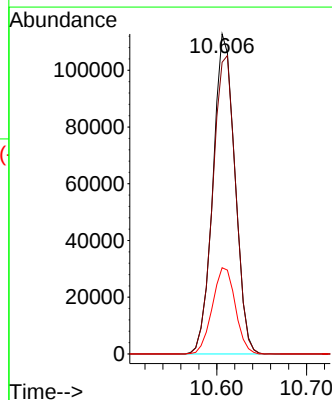
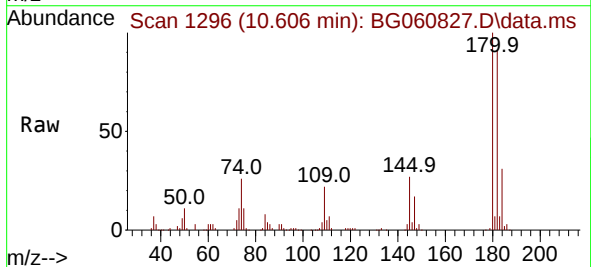
Instrument :
BNA_G
ClientSampleId :
PB160028BS

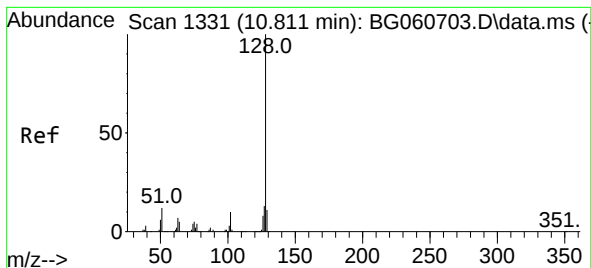
Tgt Ion:162 Resp: 182999
Ion Ratio Lower Upper
162 100
164 70.7 45.2 85.2
98 37.9 17.7 57.7



#30
1,2,4-Trichlorobenzene
Concen: 51.175 ng
RT: 10.606 min Scan# 1296
Delta R.T. -0.017 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

Tgt Ion:180 Resp: 191173
Ion Ratio Lower Upper
180 100
182 91.2 79.0 118.4
145 26.9 24.9 37.3

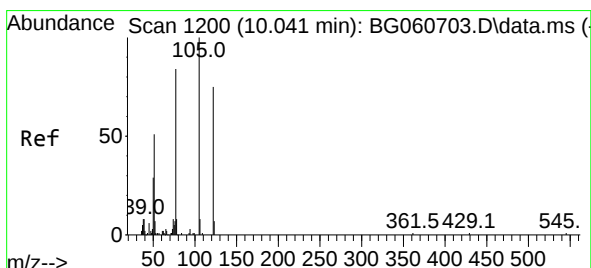
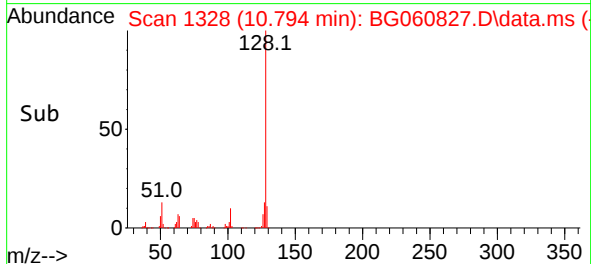
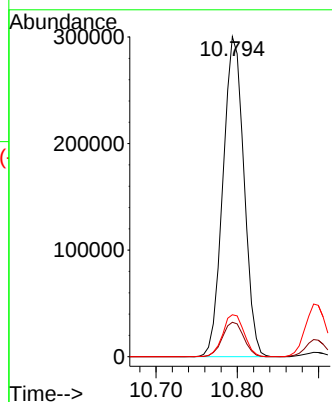
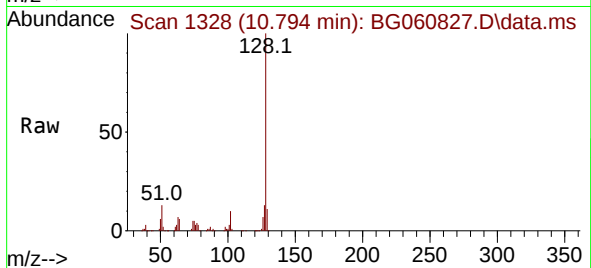




#31
Naphthalene
Concen: 44.938 ng
RT: 10.794 min Scan# 11
Delta R.T. -0.017 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

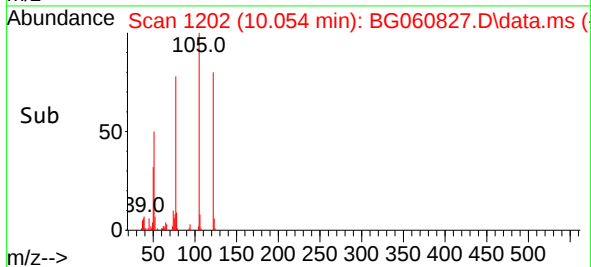
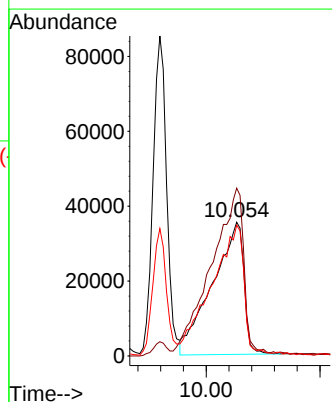
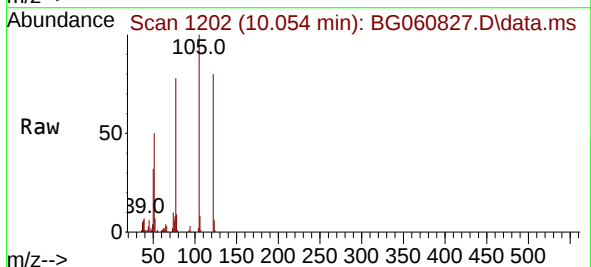
Instrument :
BNA_G
ClientSampleId :
PB160028BS

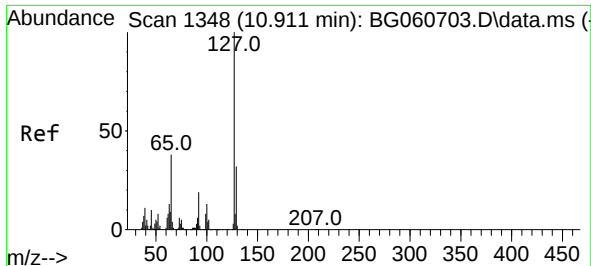
Tgt Ion:128 Resp: 538602
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 55.521 ng
RT: 10.054 min Scan# 1202
Delta R.T. 0.013 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

Tgt Ion:122 Resp: 135696
Ion Ratio Lower Upper
122 100
105 125.6 104.5 144.5
77 97.9 85.3 125.3

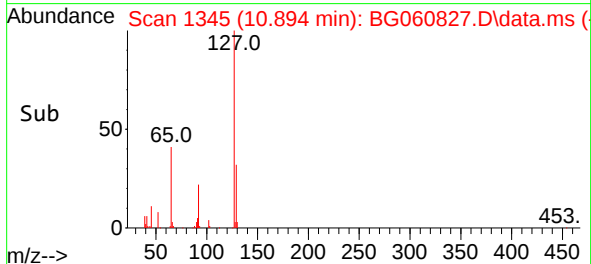
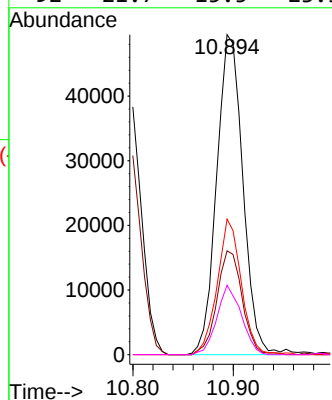
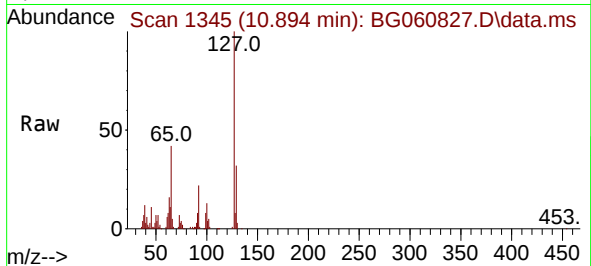




#33
4-Chloroaniline
Concen: 16.079 ng
RT: 10.894 min Scan# 11
Delta R.T. -0.017 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

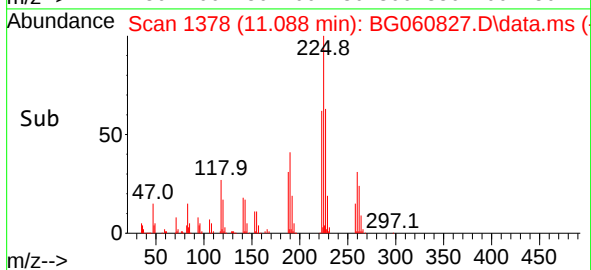
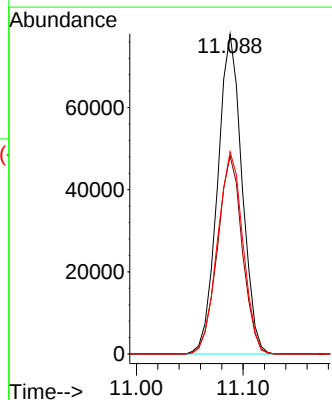
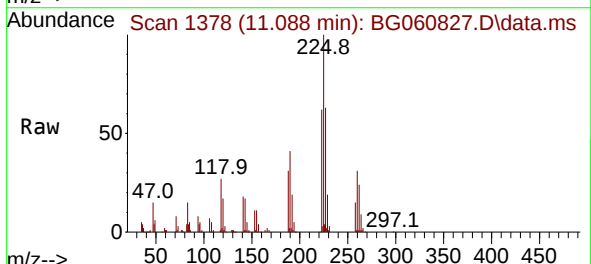
Instrument :
BNA_G
ClientSampleId :
PB160028BS

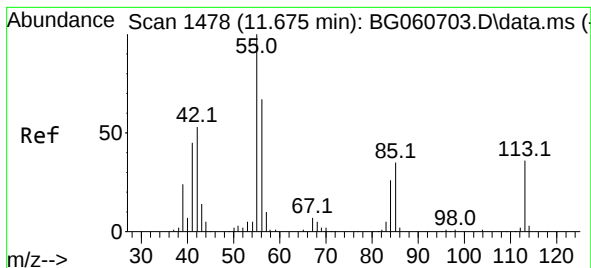
Tgt Ion:	127	Resp:	89510
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.3	37.9
65	42.4	30.2	45.2
92	21.7	15.5	23.3



#34
Hexachlorobutadiene
Concen: 49.655 ng
RT: 11.088 min Scan# 1378
Delta R.T. -0.017 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

Tgt Ion:	225	Resp:	123625
Ion	Ratio	Lower	Upper
225	100		
223	61.9	52.0	78.0
227	63.2	52.5	78.7

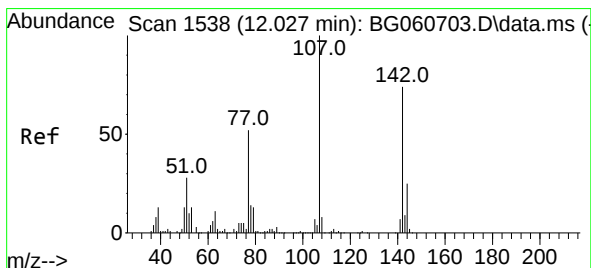
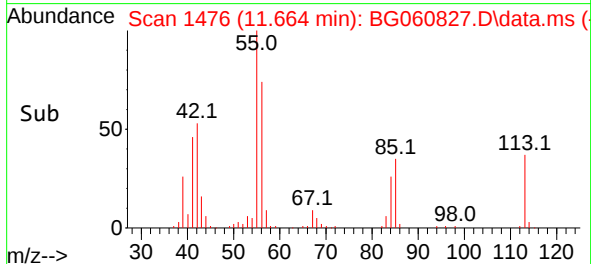
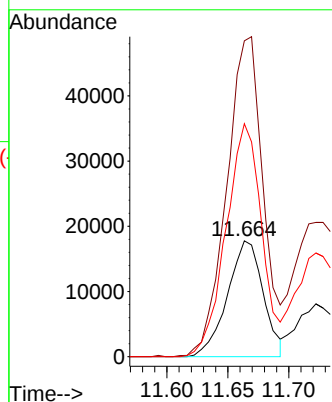
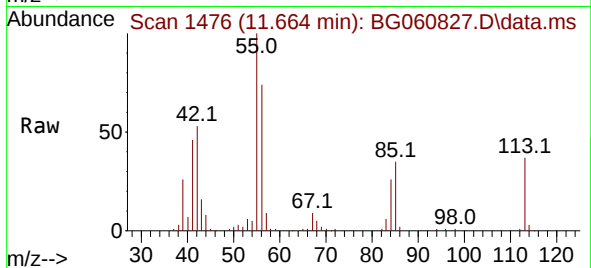




#35
Caprolactam
Concen: 27.761 ng
RT: 11.664 min Scan# 1478
Delta R.T. -0.011 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

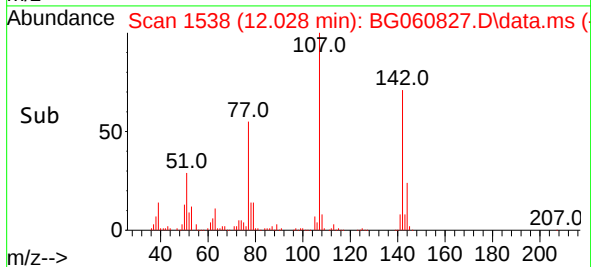
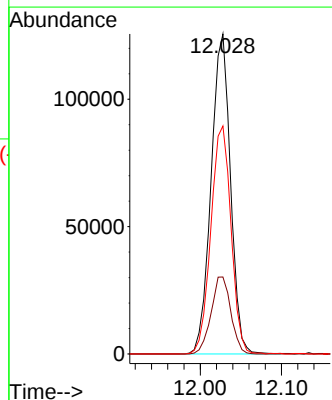
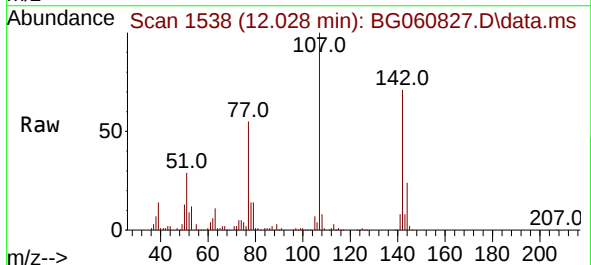
Instrument :
BNA_G
ClientSampleId :
PB160028BS

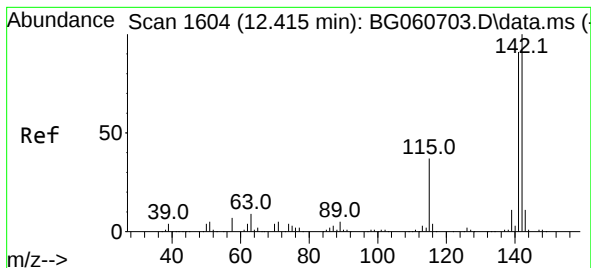
Tgt Ion:113 Resp: 36274
Ion Ratio Lower Upper
113 100
55 272.8 258.0 298.0
56 201.2 166.3 206.3



#36
4-Chloro-3-methylphenol
Concen: 49.358 ng
RT: 12.028 min Scan# 1538
Delta R.T. 0.001 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

Tgt Ion:107 Resp: 208015
Ion Ratio Lower Upper
107 100
144 24.0 20.0 30.0
142 71.2 59.2 88.8

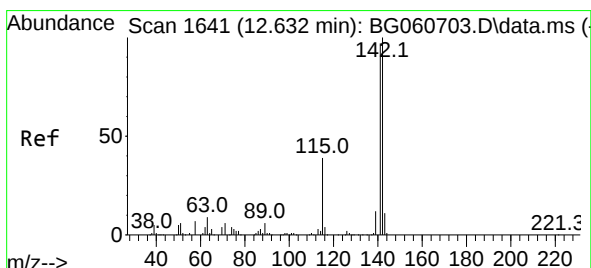
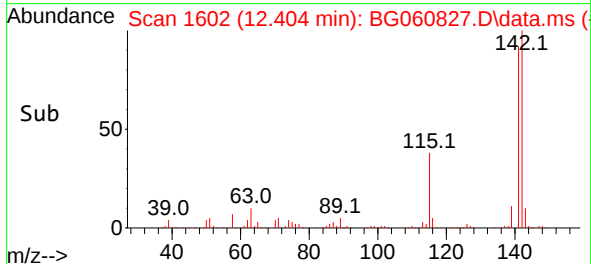
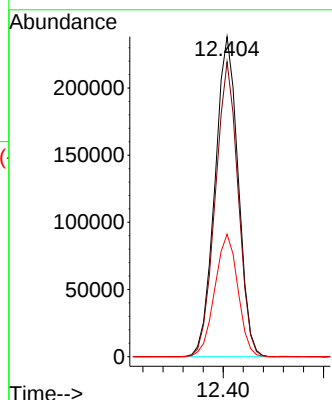
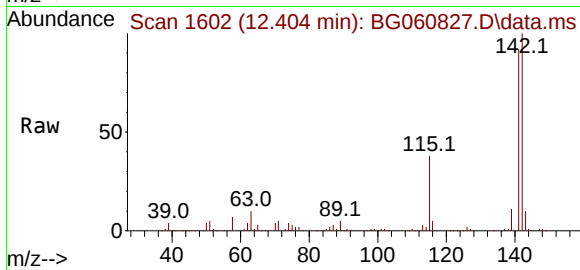




#37
2-Methylnaphthalene
Concen: 43.310 ng
RT: 12.404 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

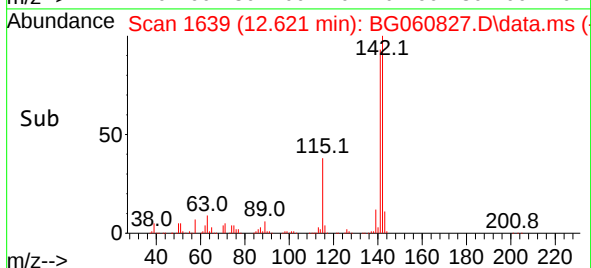
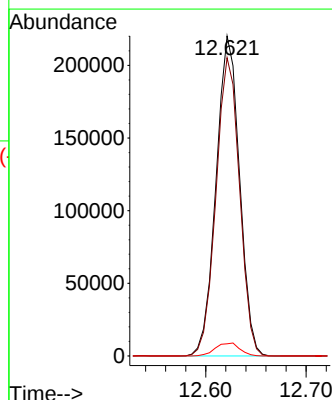
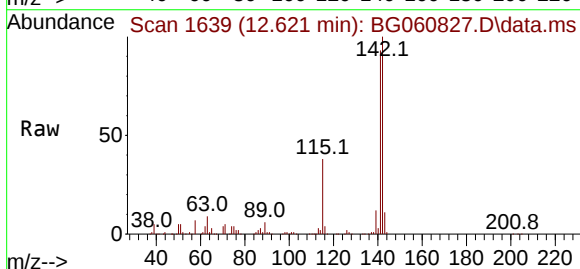
Instrument :
BNA_G
ClientSampleId :
PB160028BS

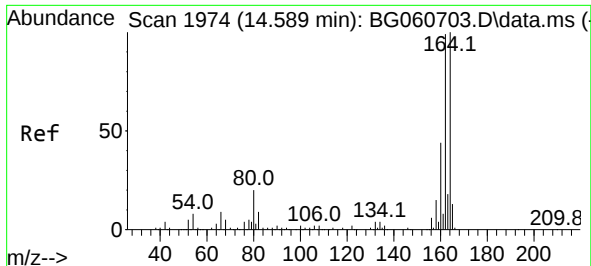
Tgt Ion:142 Resp: 381635
Ion Ratio Lower Upper
142 100
141 92.2 72.7 109.1
115 38.3 29.9 44.9



#38
1-Methylnaphthalene
Concen: 42.918 ng
RT: 12.621 min Scan# 1639
Delta R.T. -0.011 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

Tgt Ion:142 Resp: 357267
Ion Ratio Lower Upper
142 100
141 93.2 77.7 116.5
116 3.8 3.4 5.2

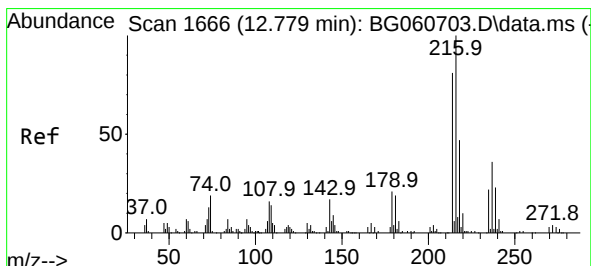
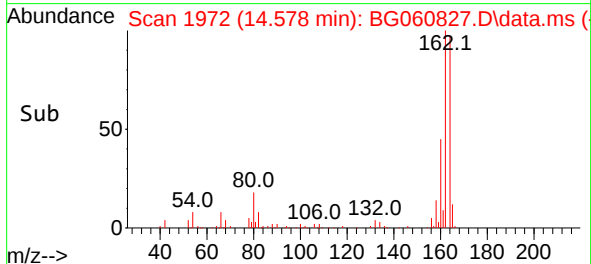
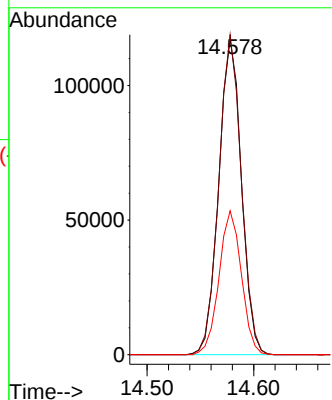
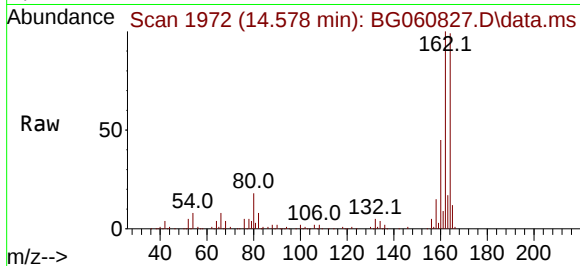




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.578 min Scan# 1974
Delta R.T. -0.011 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

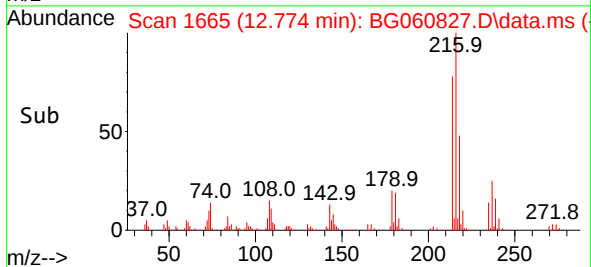
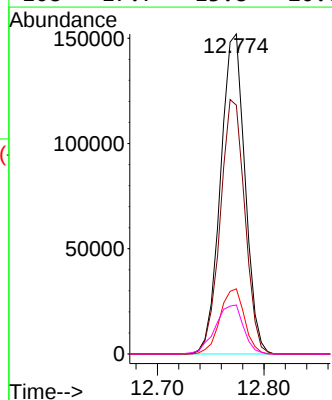
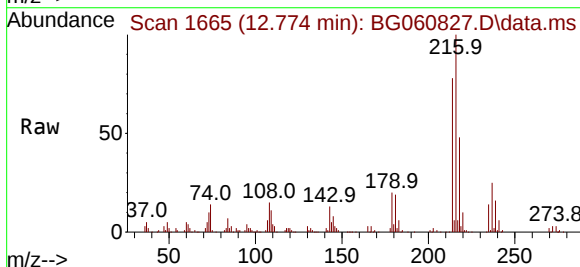
Instrument :
BNA_G
ClientSampleId :
PB160028BS

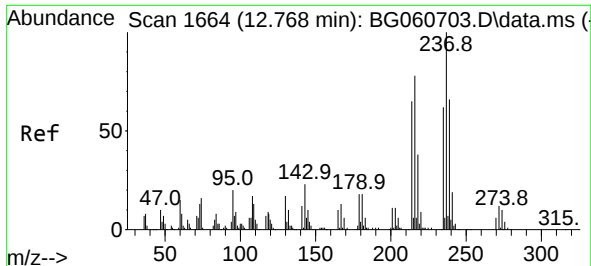
Tgt Ion:164 Resp: 173046
Ion Ratio Lower Upper
164 100
162 101.4 79.5 119.3
160 45.6 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.647 ng
RT: 12.774 min Scan# 1665
Delta R.T. -0.005 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

Tgt Ion:216 Resp: 242012
Ion Ratio Lower Upper
216 100
214 79.8 63.1 94.7
179 20.4 16.7 25.1
108 17.7 13.8 20.6

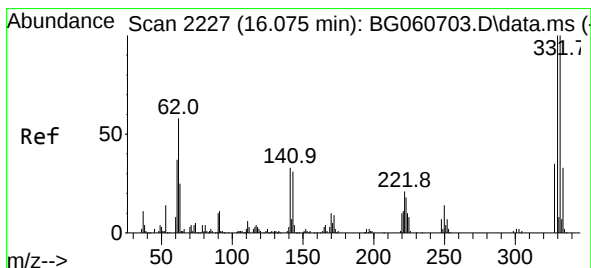
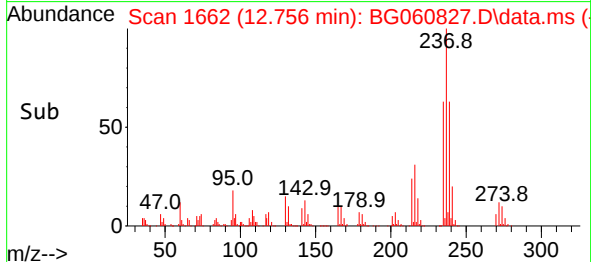
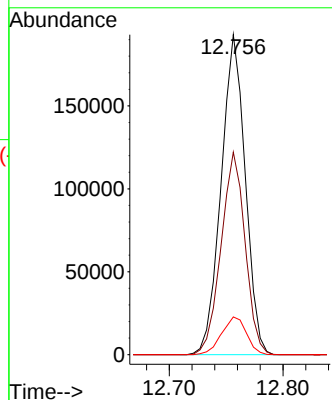
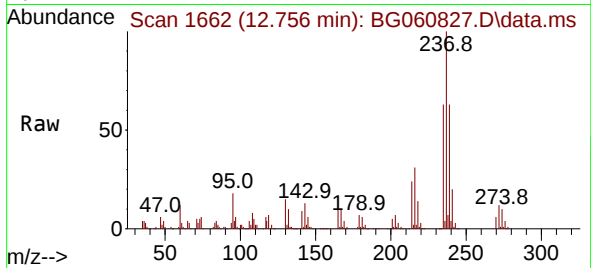




#41
Hexachlorocyclopentadiene
Concen: 112.421 ng
RT: 12.756 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

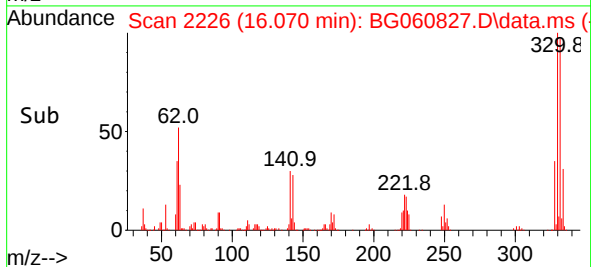
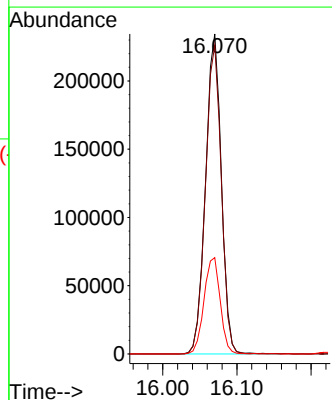
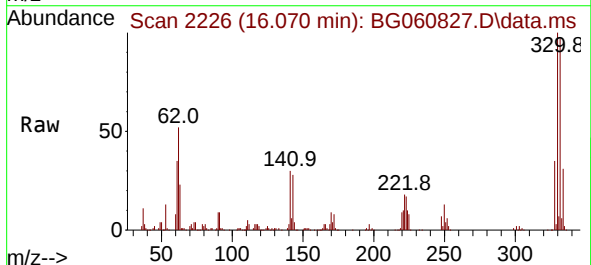
Instrument :
BNA_G
ClientSampleId :
PB160028BS

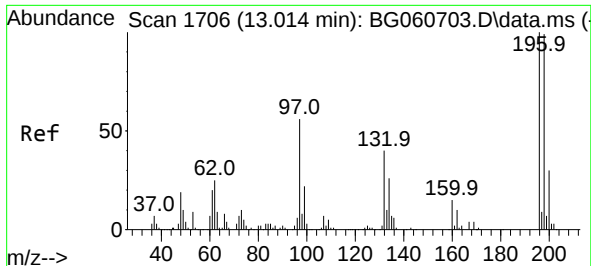
Tgt Ion:237 Resp: 284382
Ion Ratio Lower Upper
237 100
235 63.3 42.0 82.0
272 11.8 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 176.410 ng
RT: 16.070 min Scan# 2226
Delta R.T. -0.005 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

Tgt Ion:330 Resp: 346531
Ion Ratio Lower Upper
330 100
332 96.8 78.2 117.4
141 30.9 27.0 40.6

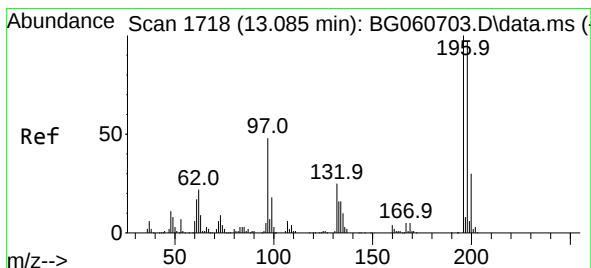
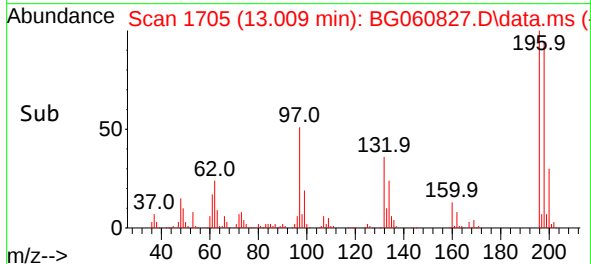
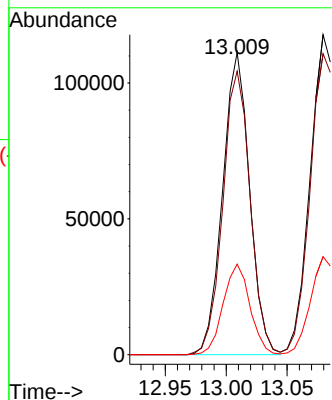
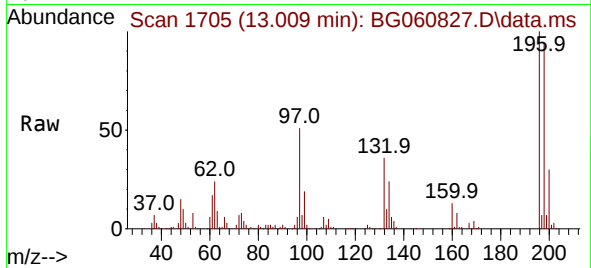




#43
2,4,6-Trichlorophenol
Concen: 53.606 ng
RT: 13.009 min Scan# 1717
Delta R.T. -0.005 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

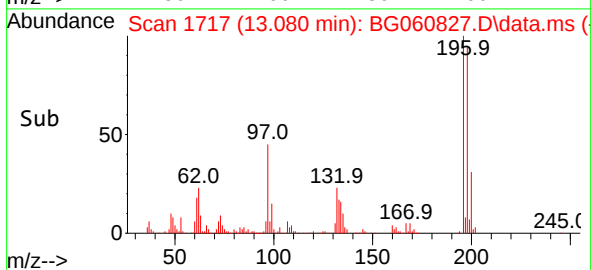
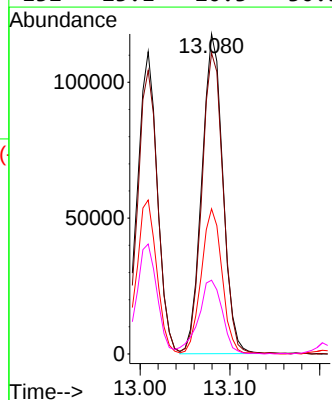
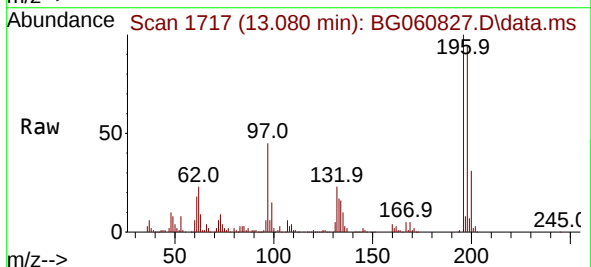
Instrument :
BNA_G
ClientSampleId :
PB160028BS

Tgt Ion:196 Resp: 171721
Ion Ratio Lower Upper
196 100
198 93.8 79.1 118.7
200 30.0 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 49.912 ng
RT: 13.080 min Scan# 1717
Delta R.T. -0.005 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

Tgt Ion:196 Resp: 190807
Ion Ratio Lower Upper
196 100
198 94.0 77.8 116.8
97 45.4 38.2 57.4
132 23.1 20.3 30.5

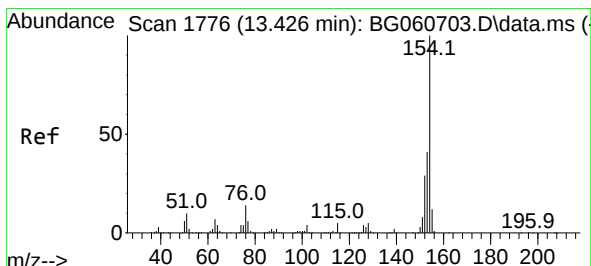
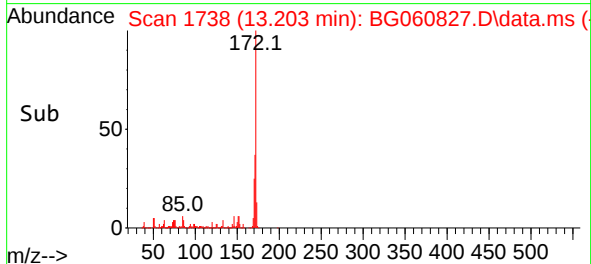
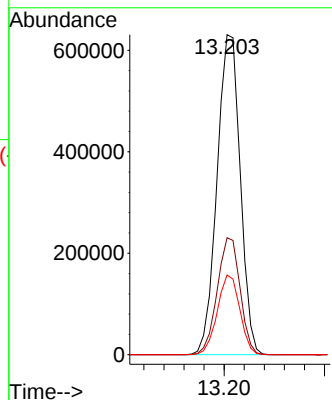
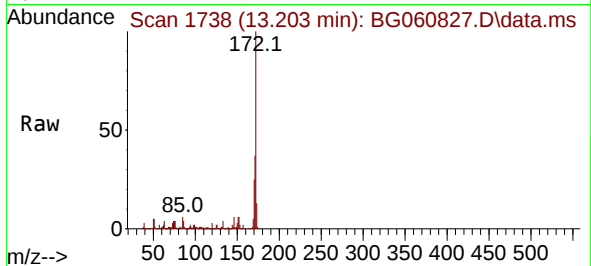




#45
2-Fluorobiphenyl
Concen: 85.751 ng
RT: 13.203 min Scan# 1738
Delta R.T. -0.017 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

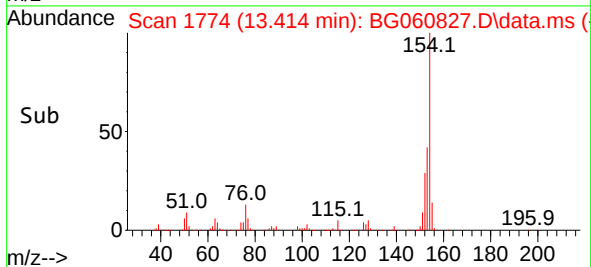
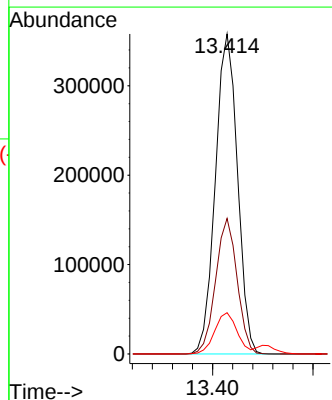
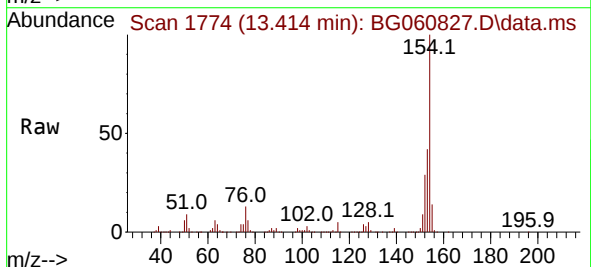
Instrument :
BNA_G
ClientSampleId :
PB160028BS

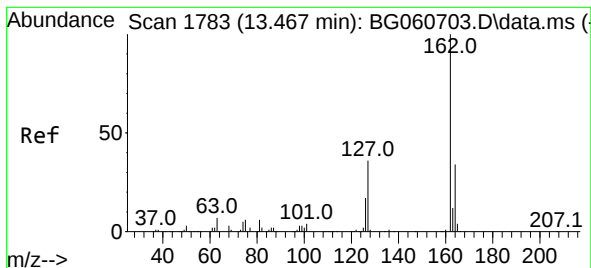
Tgt Ion:172 Resp: 1011080
Ion Ratio Lower Upper
172 100
171 36.5 28.7 43.1
170 24.9 19.4 29.0



#46
1,1'-Biphenyl
Concen: 44.713 ng
RT: 13.414 min Scan# 1774
Delta R.T. -0.011 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

Tgt Ion:154 Resp: 546516
Ion Ratio Lower Upper
154 100
153 42.3 20.8 60.8
76 12.9 0.0 33.9





#47

2-Chloronaphthalene

Concen: 46.415 ng

RT: 13.456 min Scan# 1

Delta R.T. -0.011 min

Lab File: BG060827.D

Acq: 8 Apr 2024 15:51

Instrument :

BNA_G

ClientSampleId :

PB160028BS

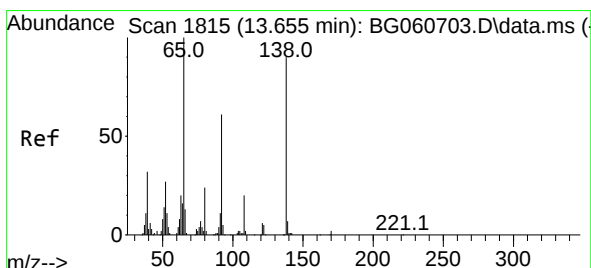
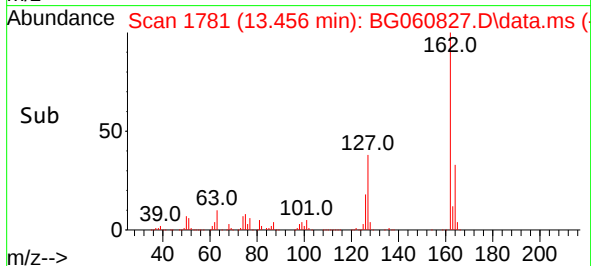
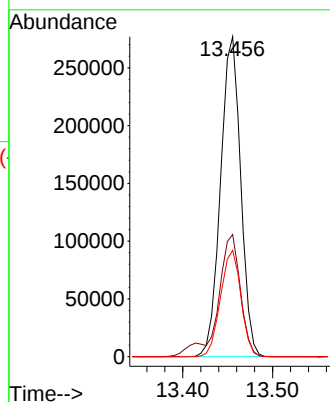
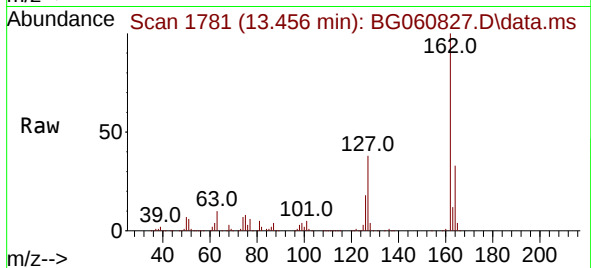
Tgt Ion:162 Resp: 431040

Ion Ratio Lower Upper

162 100

127 38.2 30.6 46.0

164 33.2 26.9 40.3



#48

2-Nitroaniline

Concen: 51.769 ng

RT: 13.649 min Scan# 1814

Delta R.T. -0.006 min

Lab File: BG060827.D

Acq: 8 Apr 2024 15:51

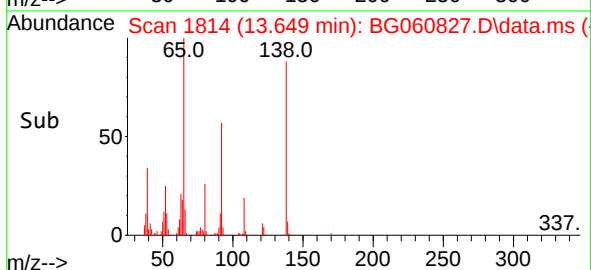
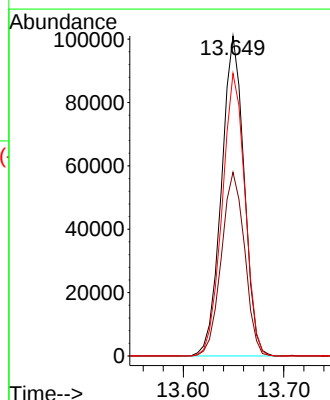
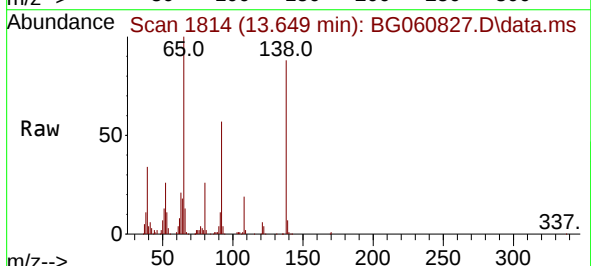
Tgt Ion: 65 Resp: 157994

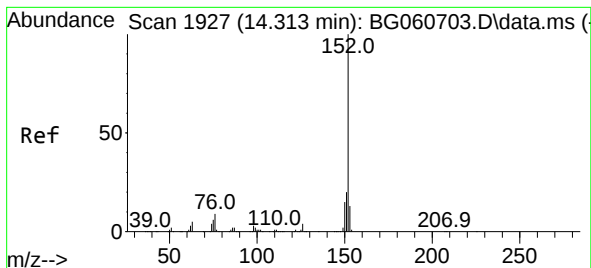
Ion Ratio Lower Upper

65 100

92 57.4 48.6 72.8

138 88.3 72.2 108.4





#49

Acenaphthylene

Concen: 48.091 ng

RT: 14.302 min Scan# 1925

Delta R.T. -0.011 min

Lab File: BG060827.D

Acq: 8 Apr 2024 15:51

Instrument :

BNA_G

ClientSampleId :

PB160028BS

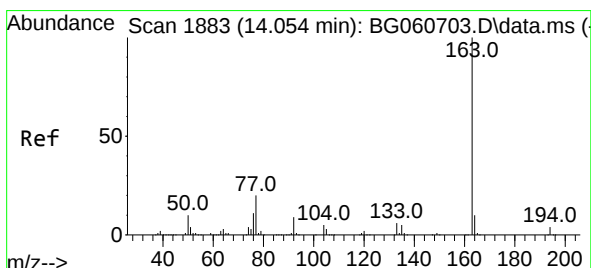
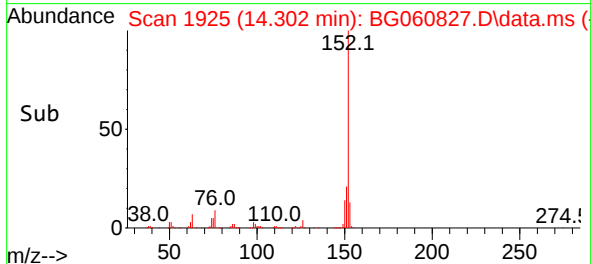
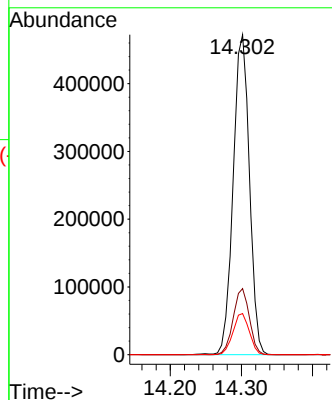
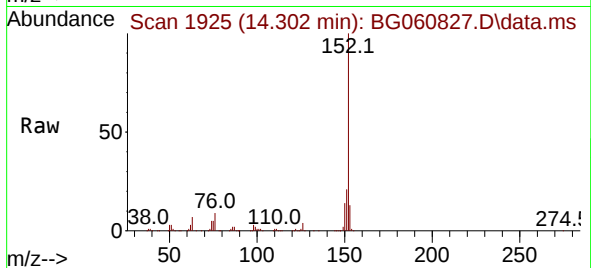
Tgt Ion:152 Resp: 750403

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

153 12.9 10.5 15.7



#50

Dimethylphthalate

Concen: 45.196 ng

RT: 14.037 min Scan# 1880

Delta R.T. -0.017 min

Lab File: BG060827.D

Acq: 8 Apr 2024 15:51

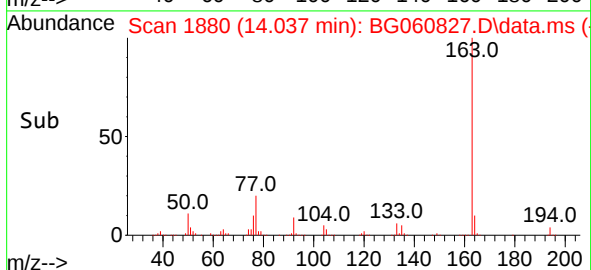
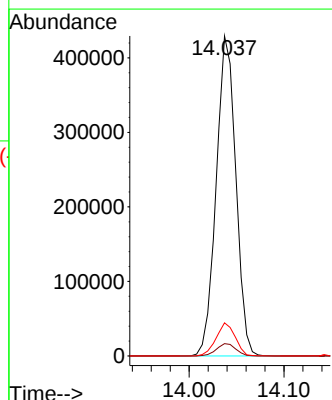
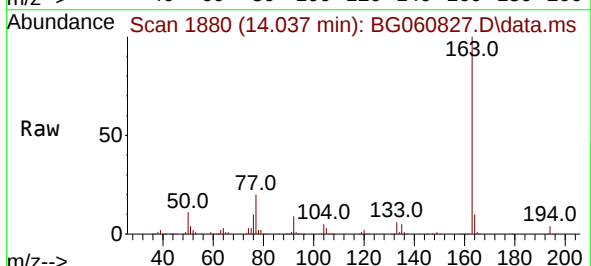
Tgt Ion:163 Resp: 618177

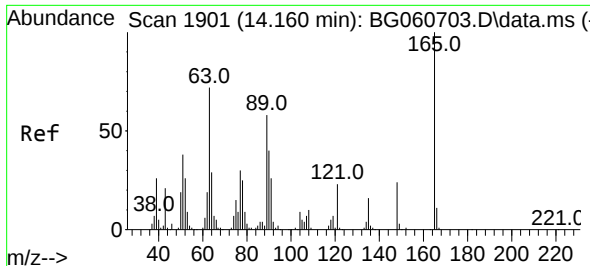
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.3 7.9 11.9

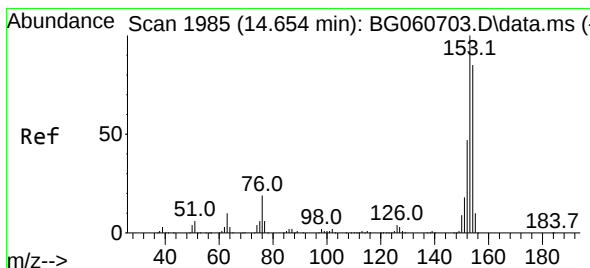
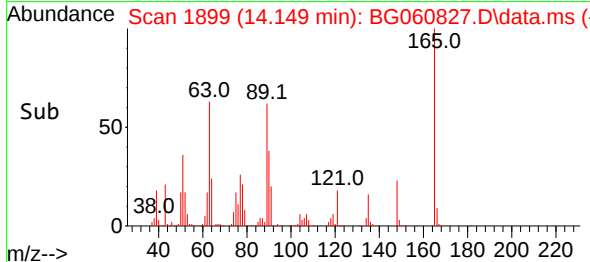
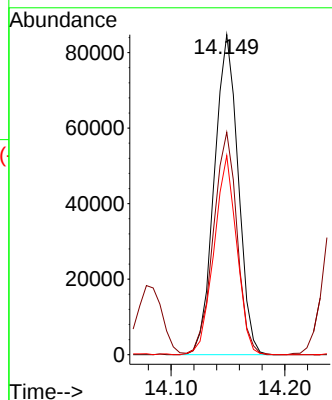
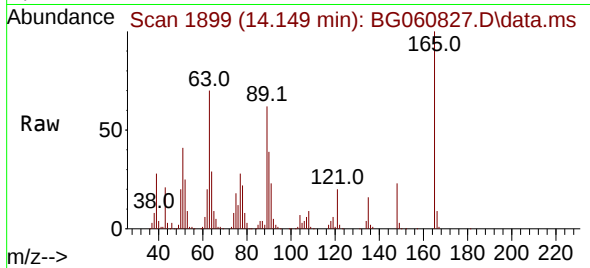




#51
2,6-Dinitrotoluene
Concen: 50.236 ng
RT: 14.149 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

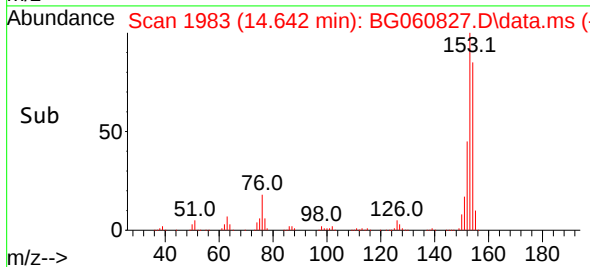
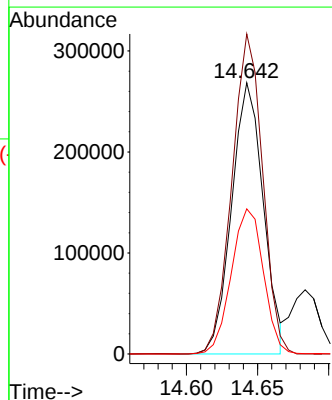
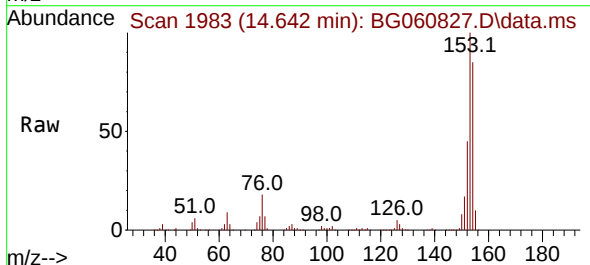
Instrument :
BNA_G
ClientSampleId :
PB160028BS

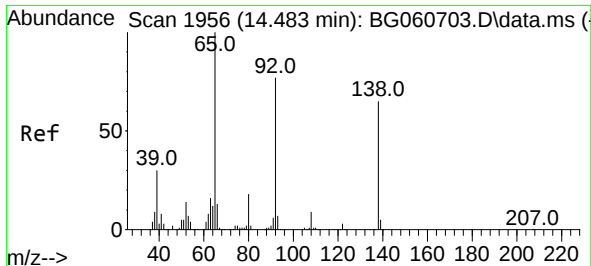
Tgt Ion:165 Resp: 123455
Ion Ratio Lower Upper
165 100
63 69.5 58.2 87.4
89 62.2 46.1 69.1



#52
Acenaphthene
Concen: 42.452 ng
RT: 14.642 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

Tgt Ion:154 Resp: 415905
Ion Ratio Lower Upper
154 100
153 118.0 93.9 140.9
152 53.5 44.1 66.1

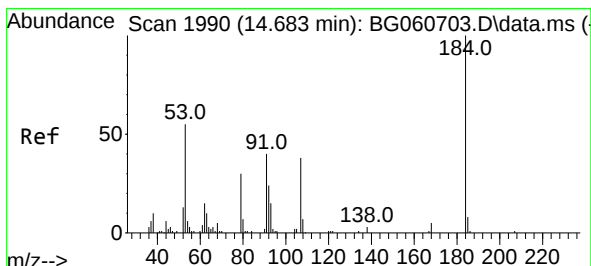
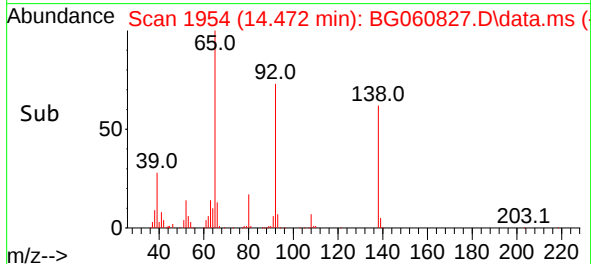
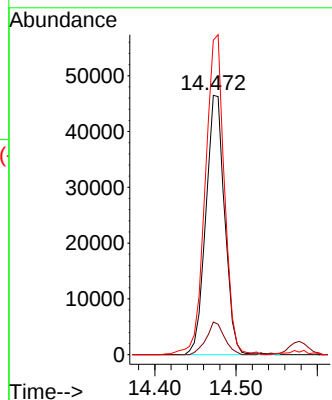
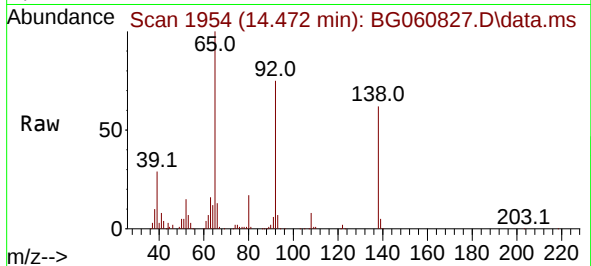




#53
3-Nitroaniline
Concen: 28.980 ng
RT: 14.472 min Scan# 1954
Delta R.T. -0.011 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

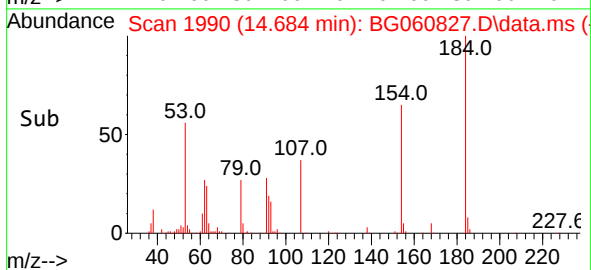
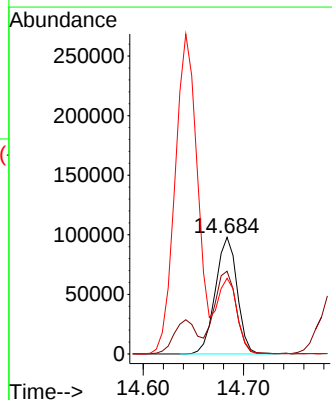
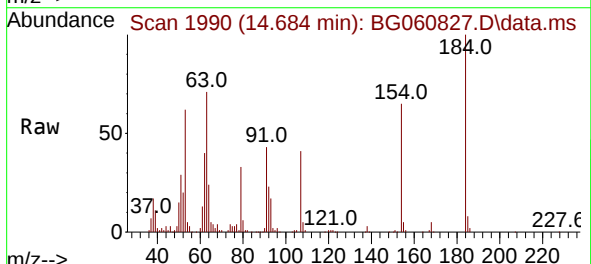
Instrument :
BNA_G
ClientSampleId :
PB160028BS

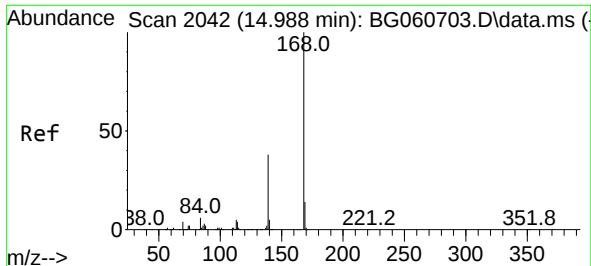
Tgt Ion:138 Resp: 74629
Ion Ratio Lower Upper
138 100
108 12.6 11.3 16.9
92 121.3 94.1 141.1



#54
2,4-Dinitrophenol
Concen: 154.792 ng
RT: 14.684 min Scan# 1990
Delta R.T. 0.001 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

Tgt Ion:184 Resp: 147370
Ion Ratio Lower Upper
184 100
63 71.0 51.3 76.9
154 64.9 59.9 89.9

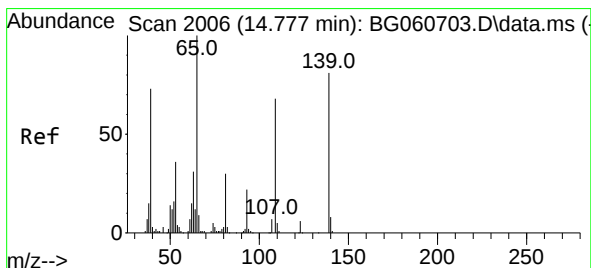
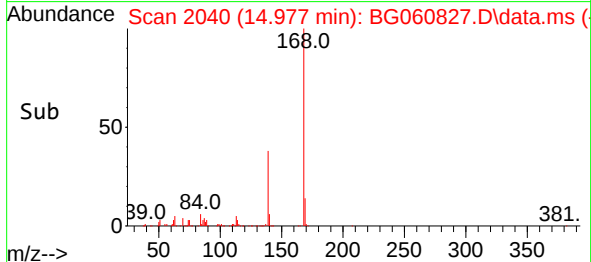
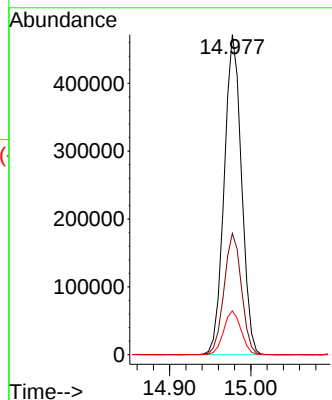
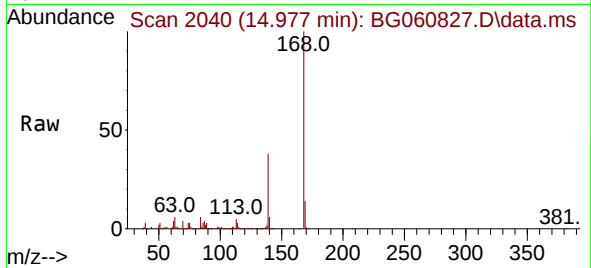




#55
Dibenzenofuran
Concen: 45.174 ng
RT: 14.977 min Scan# 20
Delta R.T. -0.011 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

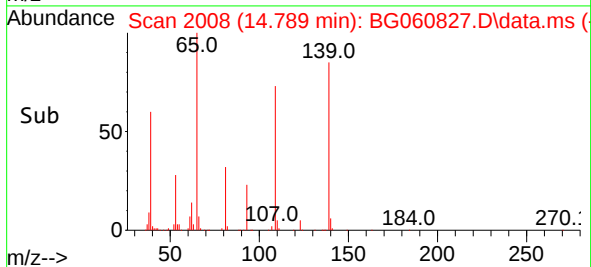
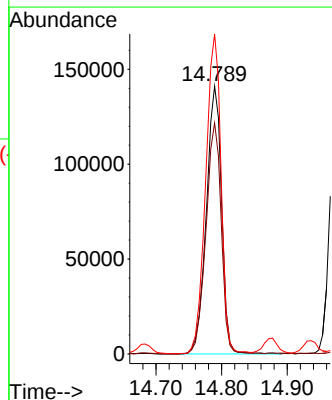
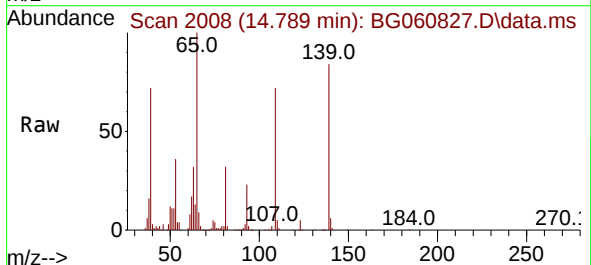
Instrument :
BNA_G
ClientSampleId :
PB160028BS

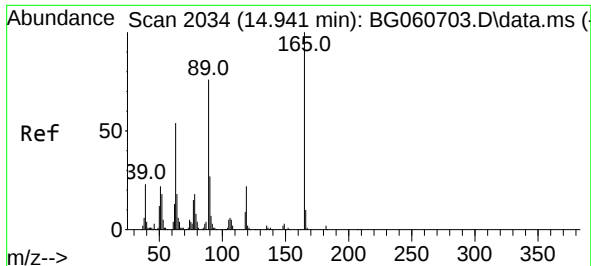
Tgt Ion:168 Resp: 698085
Ion Ratio Lower Upper
168 100
139 37.9 30.1 45.1
169 13.7 11.0 16.4



#56
4-Nitrophenol
Concen: 114.675 ng
RT: 14.789 min Scan# 2008
Delta R.T. 0.012 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

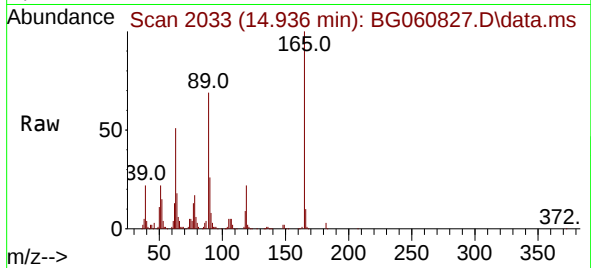
Tgt Ion:139 Resp: 229297
Ion Ratio Lower Upper
139 100
109 86.3 64.0 104.0
65 119.5 104.3 144.3



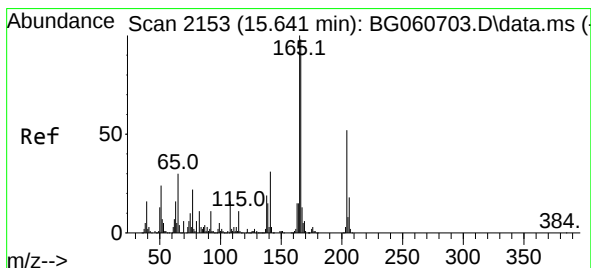
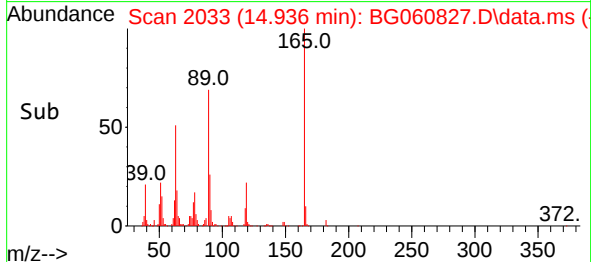
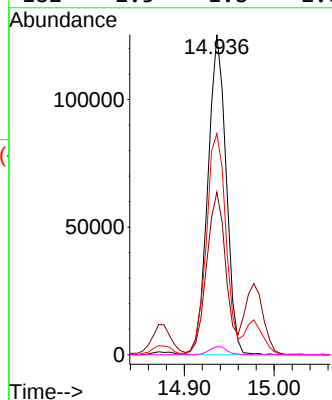


#57
2,4-Dinitrotoluene
Concen: 54.722 ng
RT: 14.936 min Scan# 2034
Delta R.T. -0.005 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

Instrument :
BNA_G
ClientSampleId :
PB160028BS

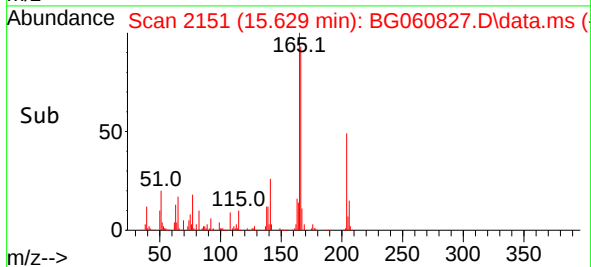
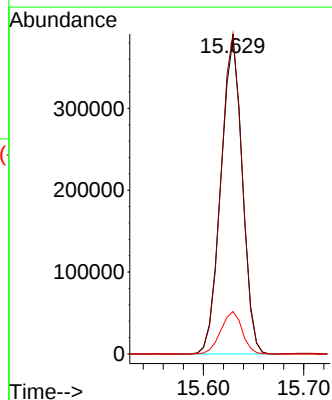
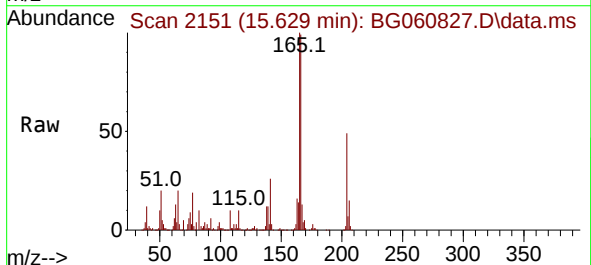


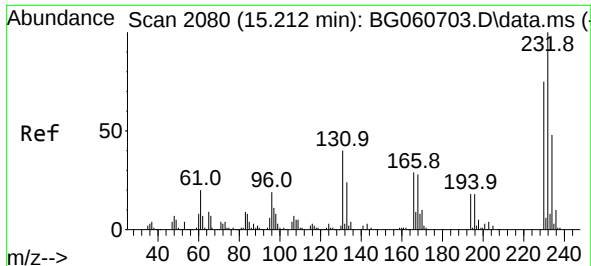
Tgt Ion:165 Resp: 177061
Ion Ratio Lower Upper
165 100
63 50.8 43.4 65.0
89 69.1 61.0 91.6
182 2.5 1.8 2.6



#58
Fluorene
Concen: 46.167 ng
RT: 15.629 min Scan# 2151
Delta R.T. -0.011 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

Tgt Ion:166 Resp: 572583
Ion Ratio Lower Upper
166 100
165 101.5 81.8 122.8
167 13.4 10.9 16.3

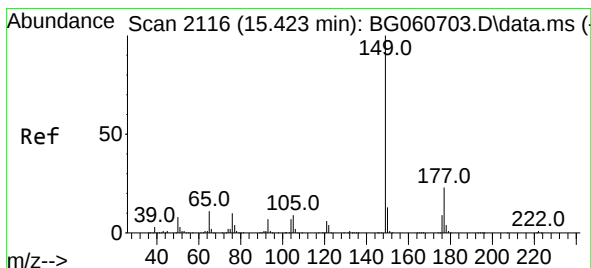
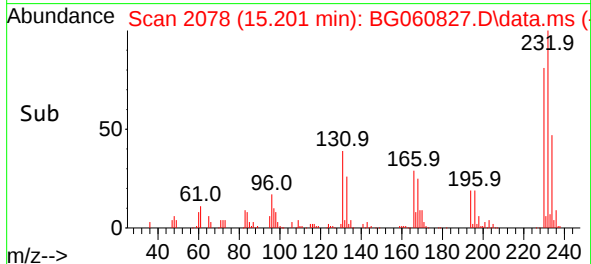
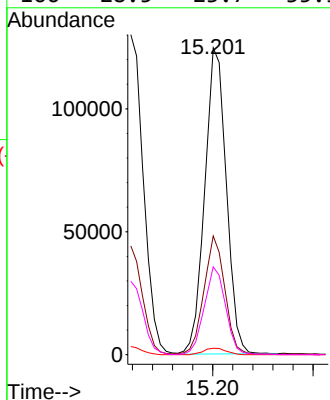
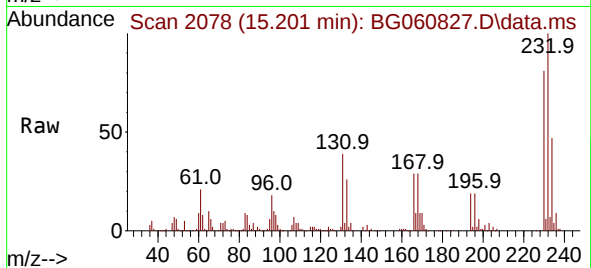




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.911 ng
RT: 15.201 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

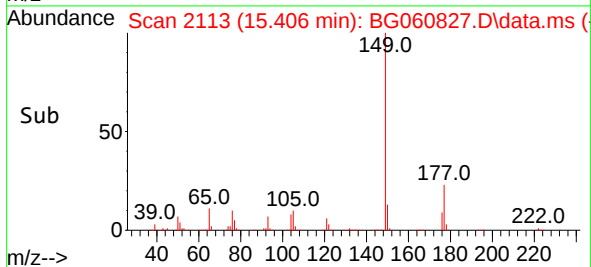
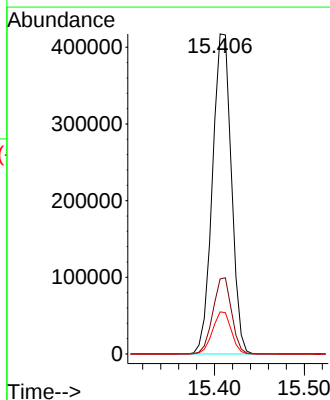
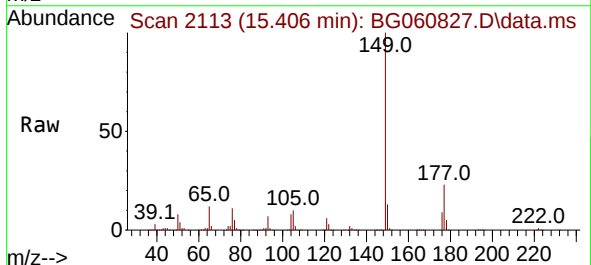
Instrument :
BNA_G
ClientSampleId :
PB160028BS

Tgt Ion:232 Resp: 186271
Ion Ratio Lower Upper
232 100
131 37.3 32.2 48.2
130 2.2 2.1 3.1
166 28.5 23.7 35.5



#60
Diethylphthalate
Concen: 44.334 ng
RT: 15.406 min Scan# 2113
Delta R.T. -0.017 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

Tgt Ion:149 Resp: 610072
Ion Ratio Lower Upper
149 100
177 23.5 18.0 27.0
150 13.2 10.2 15.4

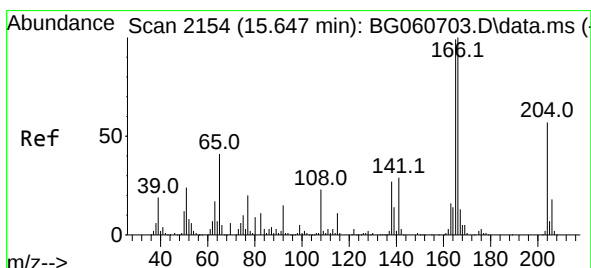
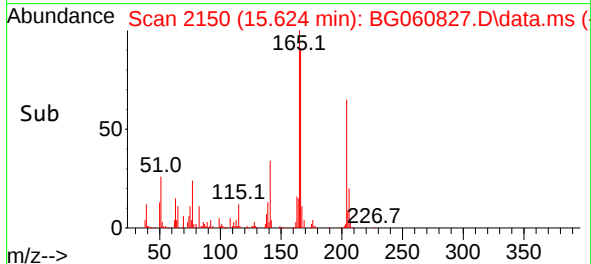
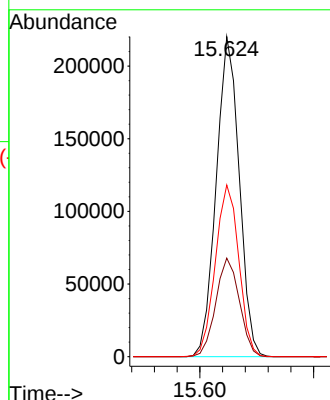
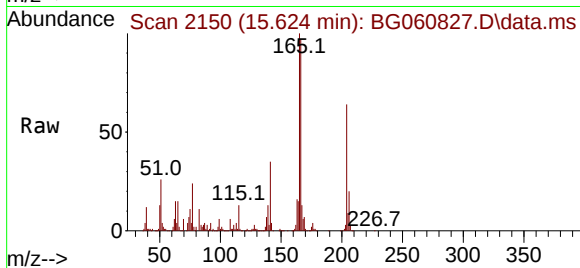




#61
4-Chlorophenyl-phenylether
Concen: 47.110 ng
RT: 15.624 min Scan# 2150
Delta R.T. -0.017 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

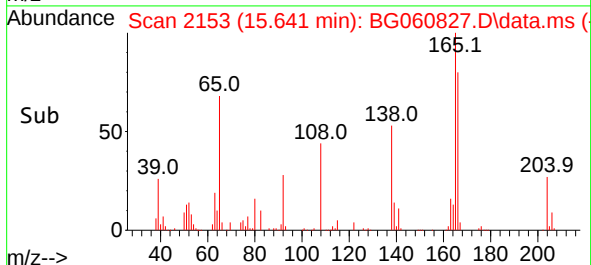
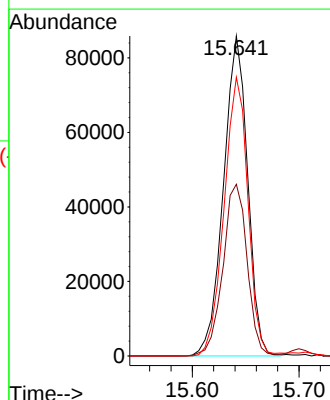
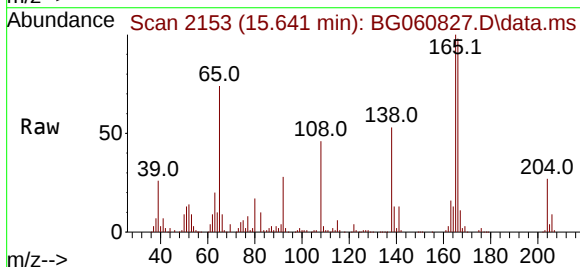
Instrument :
BNA_G
ClientSampleId :
PB160028BS

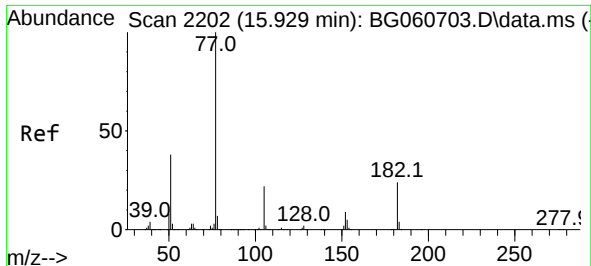
Tgt Ion:204 Resp: 309112
Ion Ratio Lower Upper
204 100
206 30.8 28.3 42.5
141 53.7 47.2 70.8



#62
4-Nitroaniline
Concen: 53.987 ng
RT: 15.641 min Scan# 2153
Delta R.T. -0.005 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

Tgt Ion:138 Resp: 135006
Ion Ratio Lower Upper
138 100
92 53.7 36.8 76.8
108 87.1 66.9 106.9

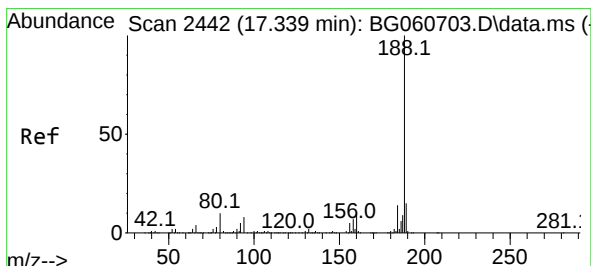
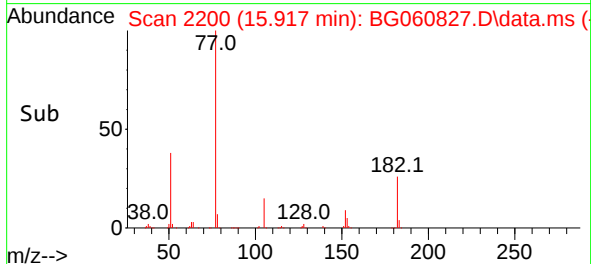
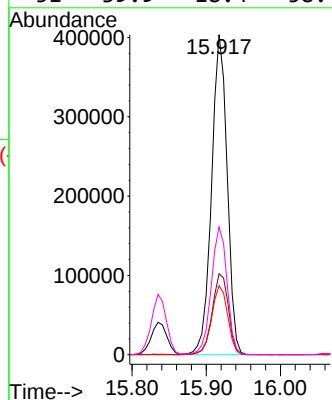
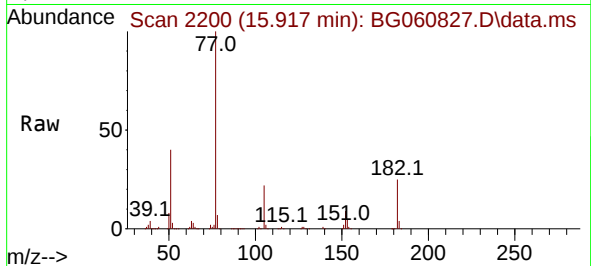




#63
Azobenzene
Concen: 43.991 ng
RT: 15.917 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

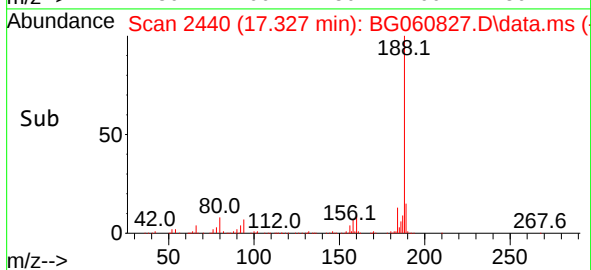
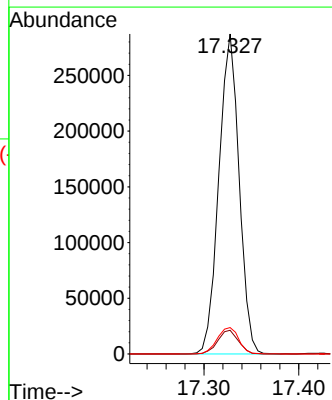
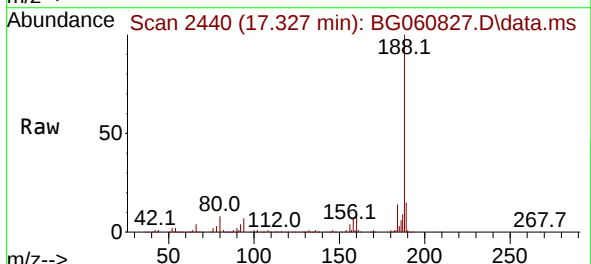
Instrument :
BNA_G
ClientSampleId :
PB160028BS

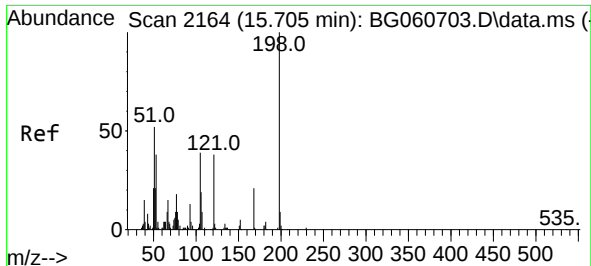
Tgt Ion: 77	Resp: 589881
Ion Ratio	Lower Upper
77 100	
182 25.3	3.9 43.9
105 21.6	1.7 41.7
51 39.9	18.4 58.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2440
Delta R.T. -0.011 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

Tgt Ion:188	Resp: 426343
Ion Ratio	Lower Upper
188 100	
94 7.4	6.6 9.8
80 8.3	7.6 11.4

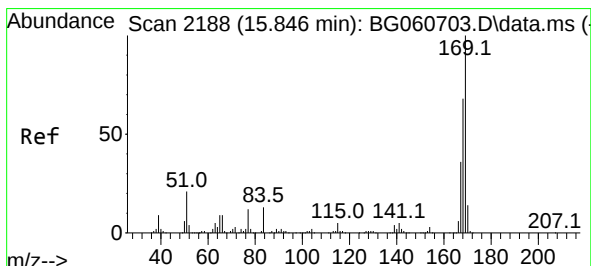
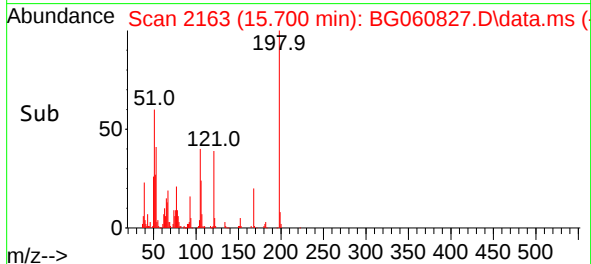
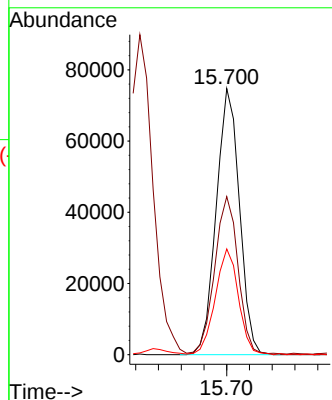
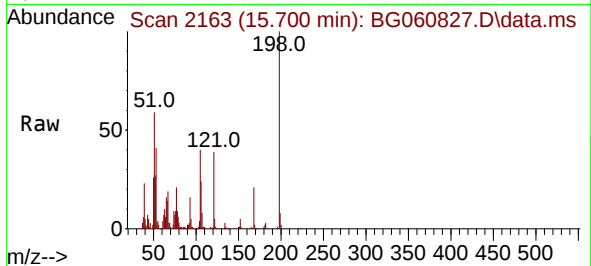




#65
4,6-Dinitro-2-methylphenol
Concen: 58.456 ng
RT: 15.700 min Scan# 2164
Delta R.T. -0.005 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

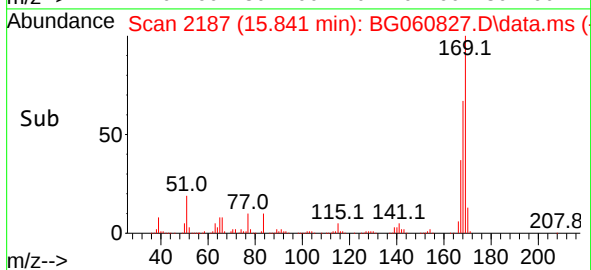
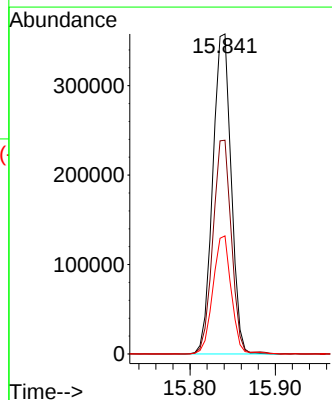
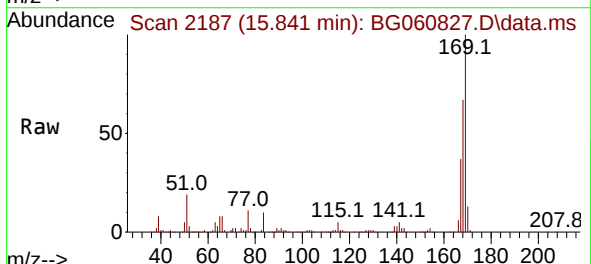
Instrument :
BNA_G
ClientSampleId :
PB160028BS

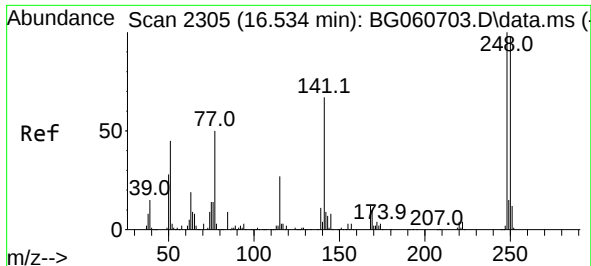
Tgt Ion:198 Resp: 106009
Ion Ratio Lower Upper
198 100
51 59.4 36.7 76.7
105 39.8 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 44.076 ng
RT: 15.841 min Scan# 2187
Delta R.T. -0.005 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

Tgt Ion:169 Resp: 536991
Ion Ratio Lower Upper
169 100
168 66.8 54.5 81.7
167 36.9 29.2 43.8

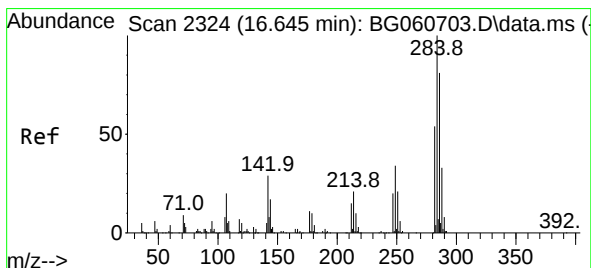
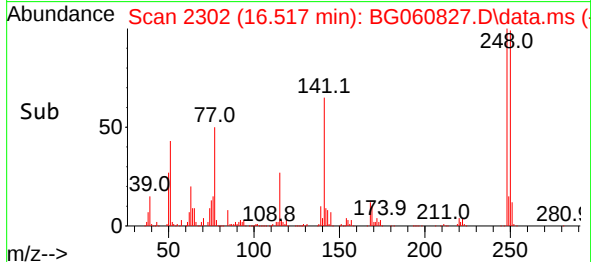
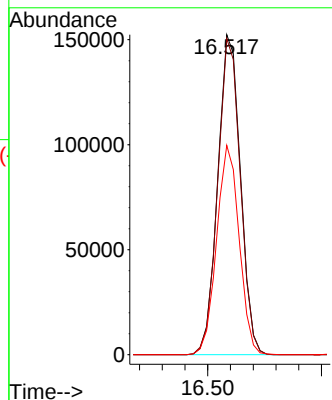
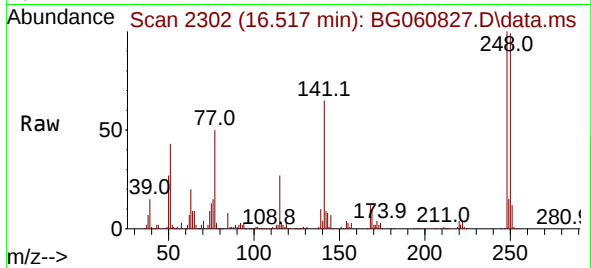




#67
4-Bromophenyl-phenylether
Concen: 48.893 ng
RT: 16.517 min Scan# 2115
Delta R.T. -0.017 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

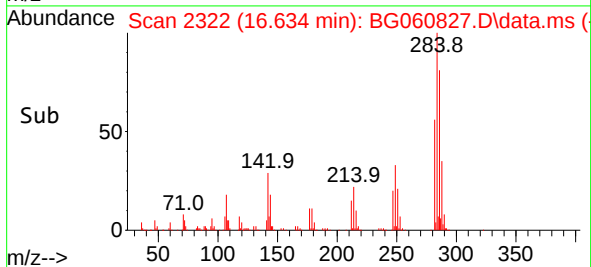
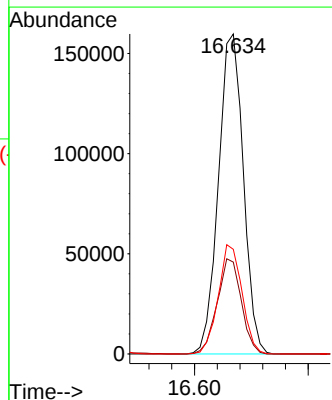
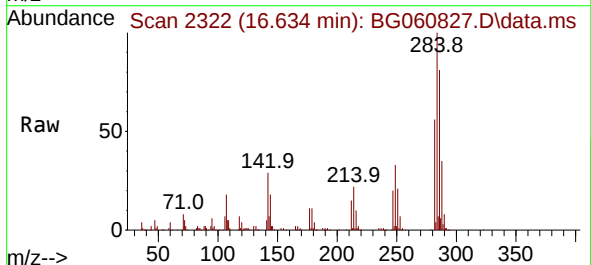
Instrument :
BNA_G
ClientSampleId :
PB160028BS

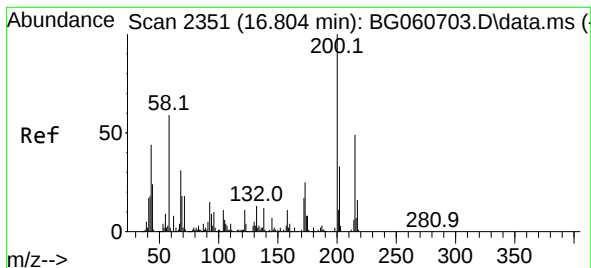
Tgt Ion:248 Resp: 211549
Ion Ratio Lower Upper
248 100
250 98.8 78.3 117.5
141 65.4 53.7 80.5



#68
Hexachlorobenzene
Concen: 49.715 ng
RT: 16.634 min Scan# 2322
Delta R.T. -0.011 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

Tgt Ion:284 Resp: 242831
Ion Ratio Lower Upper
284 100
142 28.7 22.9 34.3
249 32.7 27.1 40.7





#69

Atrazine

Concen: 49.267 ng

RT: 16.793 min Scan# 21

Delta R.T. -0.011 min

Lab File: BG060827.D

Acq: 8 Apr 2024 15:51

Instrument :

BNA_G

ClientSampleId :

PB160028BS

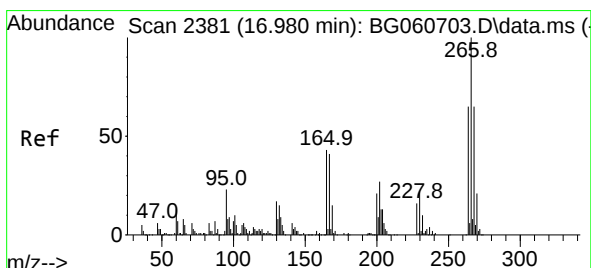
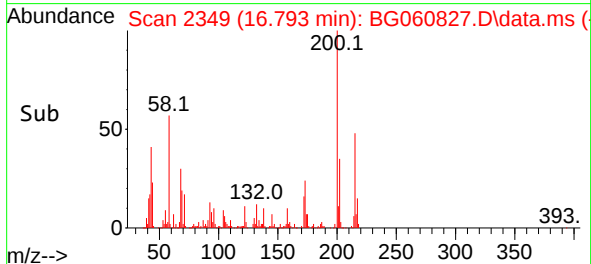
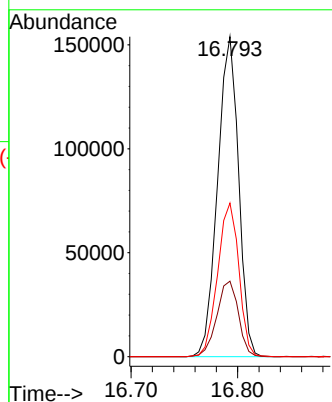
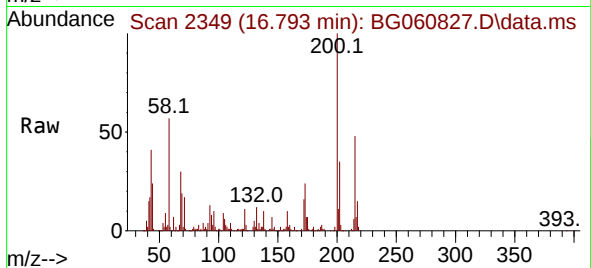
Tgt Ion:200 Resp: 209902

Ion Ratio Lower Upper

200 100

173 23.6 5.2 45.2

215 48.0 28.8 68.8



#70

Pentachlorophenol

Concen: 106.106 ng

RT: 16.975 min Scan# 2380

Delta R.T. -0.005 min

Lab File: BG060827.D

Acq: 8 Apr 2024 15:51

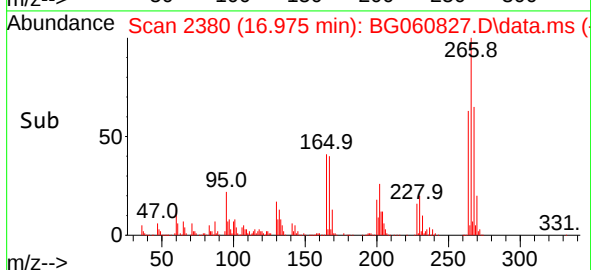
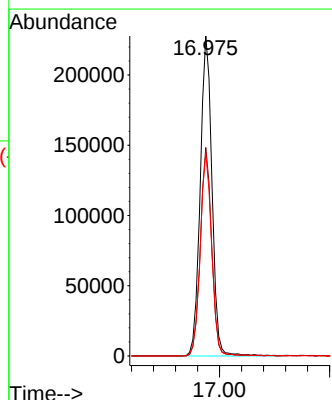
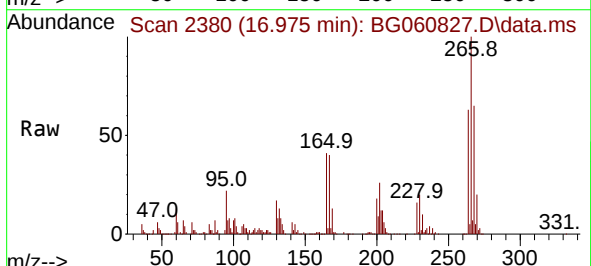
Tgt Ion:266 Resp: 338170

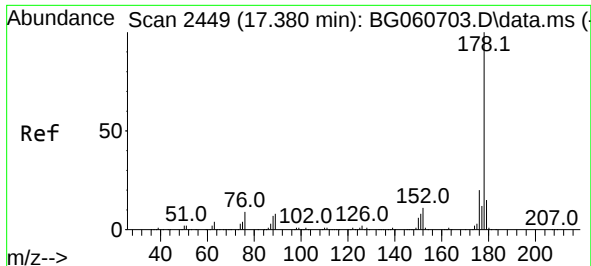
Ion Ratio Lower Upper

266 100

268 65.1 52.2 78.4

264 63.5 51.8 77.6

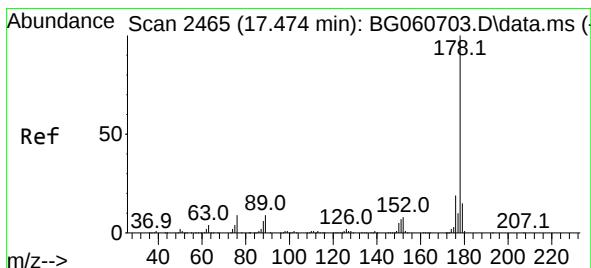
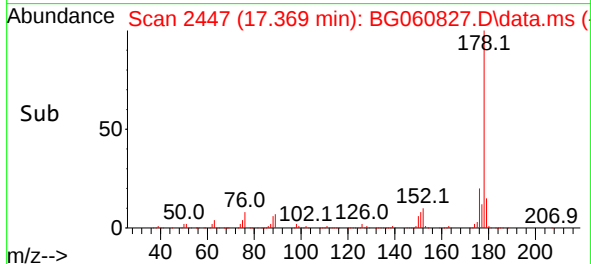
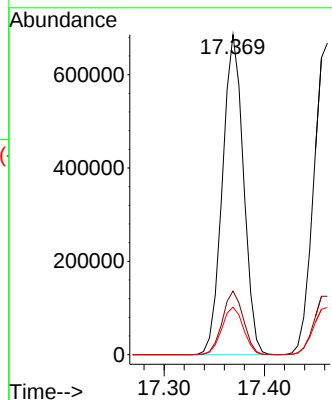
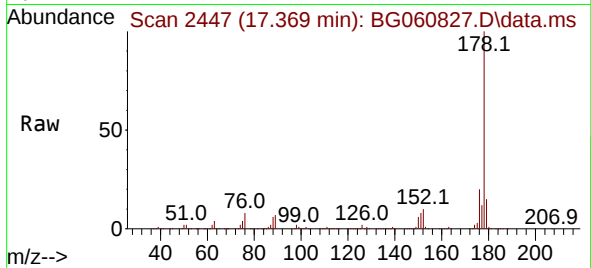




#71
Phenanthrene
Concen: 44.948 ng
RT: 17.369 min Scan# 2447
Delta R.T. -0.011 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

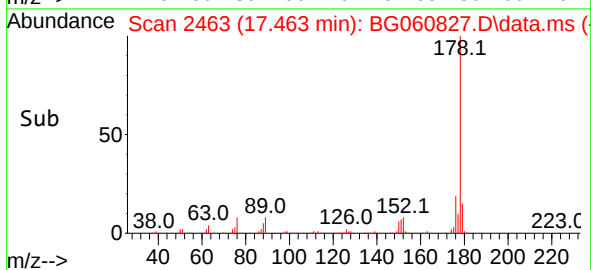
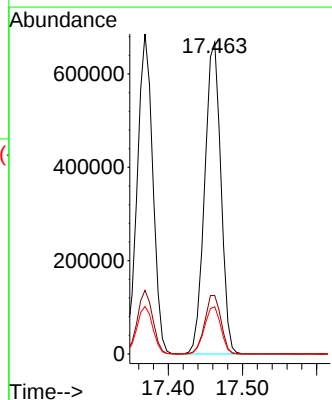
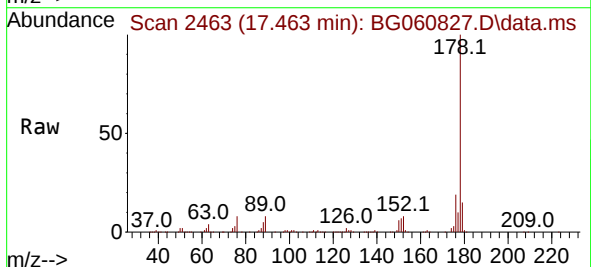
Instrument :
BNA_G
ClientSampleId :
PB160028BS

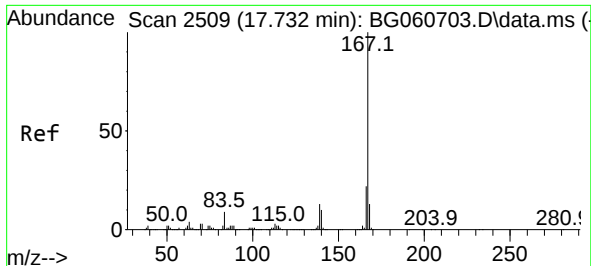
Tgt Ion:178 Resp: 996632
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 14.9 12.2 18.4



#72
Anthracene
Concen: 45.001 ng
RT: 17.463 min Scan# 2463
Delta R.T. -0.011 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

Tgt Ion:178 Resp: 1013337
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 15.2 12.2 18.2



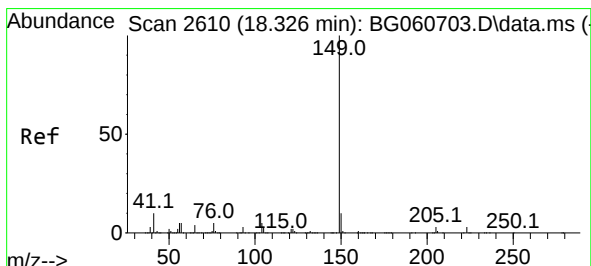
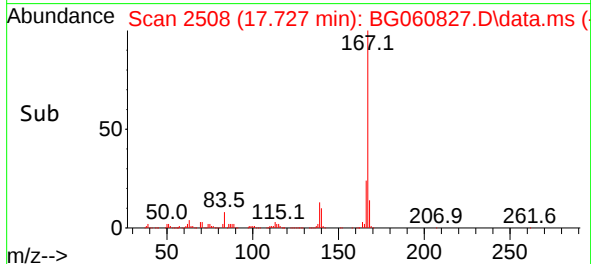
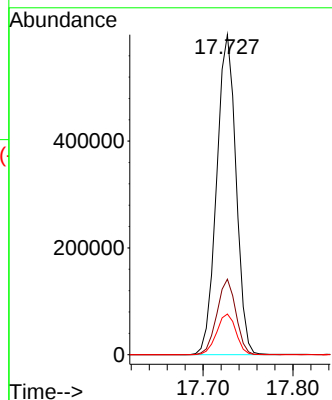
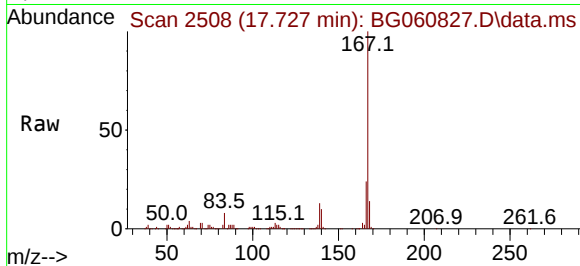


#73
 Carbazole
 Concen: 45.175 ng
 RT: 17.727 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG060827.D
 Acq: 8 Apr 2024 15:51

Instrument :
 BNA_G
 ClientSampleId :
 PB160028BS

Tgt Ion:167 Resp: 896915

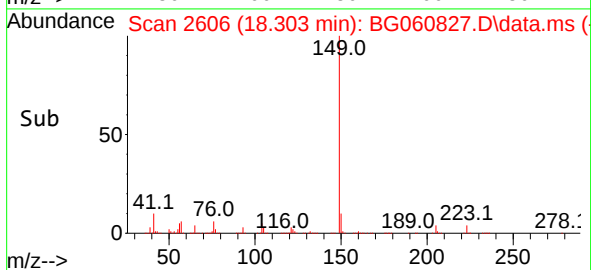
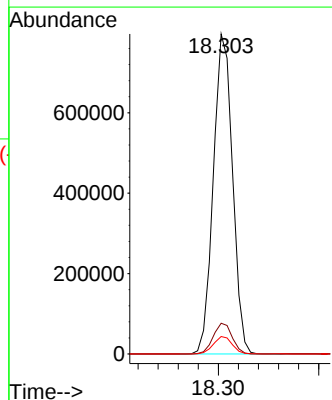
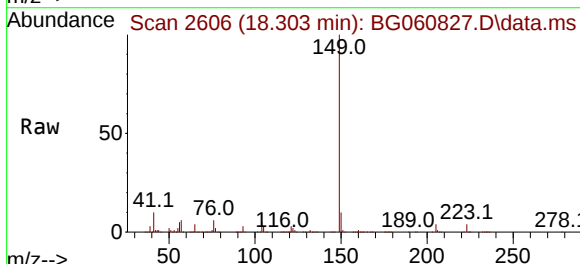
Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.0	27.0
139	12.7	10.5	15.7

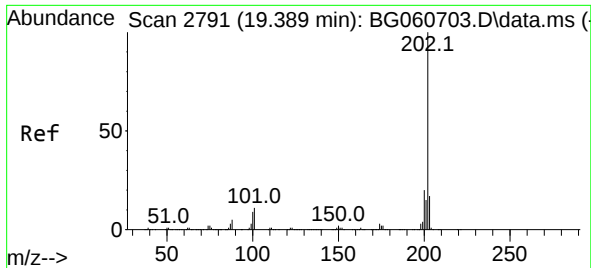


#74
 Di-n-butylphthalate
 Concen: 42.578 ng
 RT: 18.303 min Scan# 2606
 Delta R.T. -0.023 min
 Lab File: BG060827.D
 Acq: 8 Apr 2024 15:51

Tgt Ion:149 Resp: 1053905

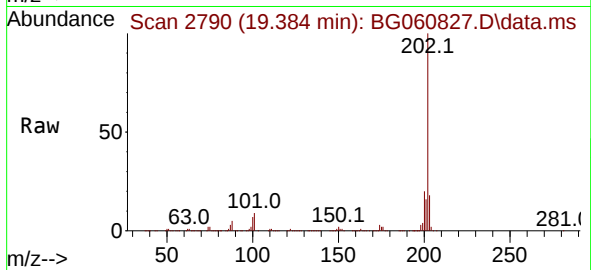
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	5.5	4.2	6.4



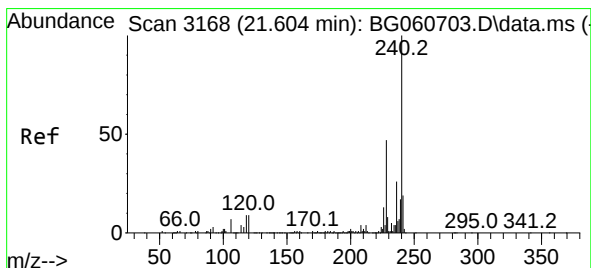
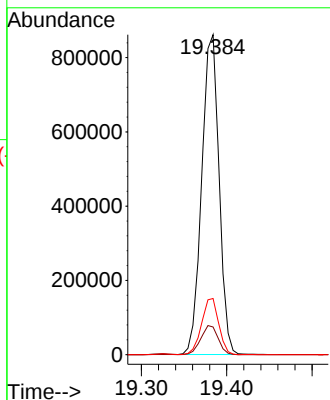
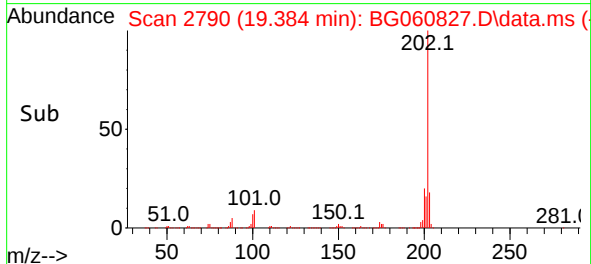


#75
Fluoranthene
Concen: 45.182 ng
RT: 19.384 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

Instrument :
BNA_G
ClientSampleId :
PB160028BS

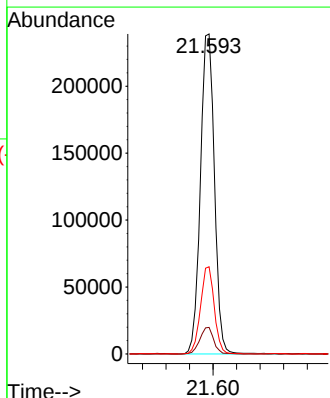
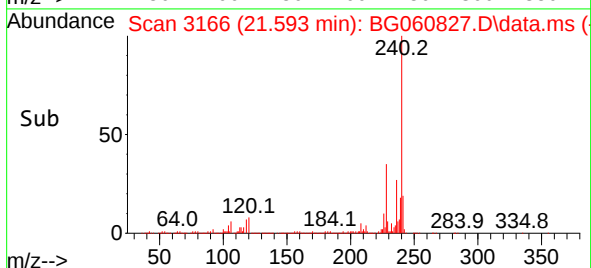
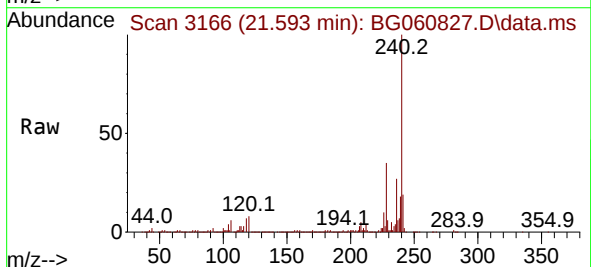


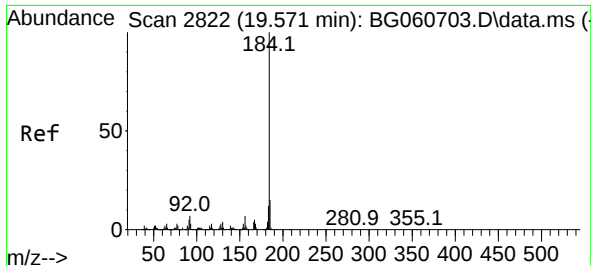
Tgt Ion:202 Resp: 1215678
Ion Ratio Lower Upper
202 100
101 8.7 0.0 30.8
203 17.6 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.593 min Scan# 3166
Delta R.T. -0.011 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

Tgt Ion:240 Resp: 395594
Ion Ratio Lower Upper
240 100
120 8.3 7.1 10.7
236 27.2 20.7 31.1

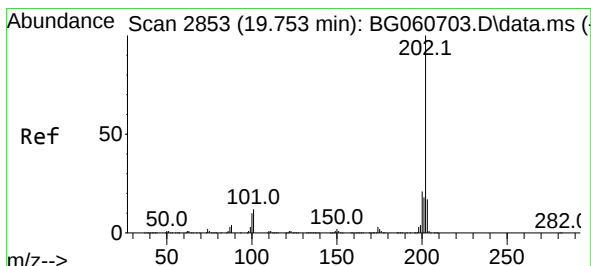
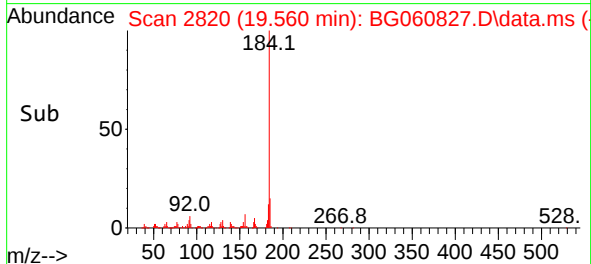
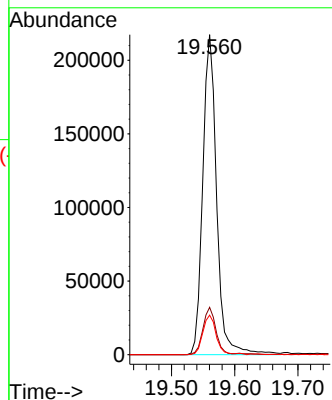
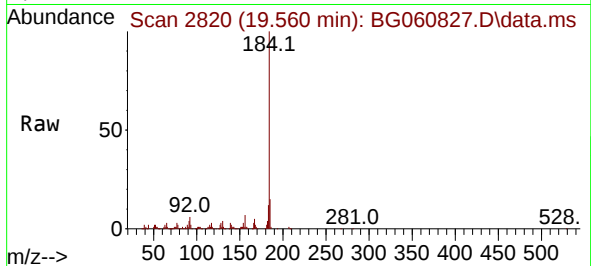




#77
Benzidine
Concen: 31.763 ng
RT: 19.560 min Scan# 2820
Delta R.T. -0.011 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

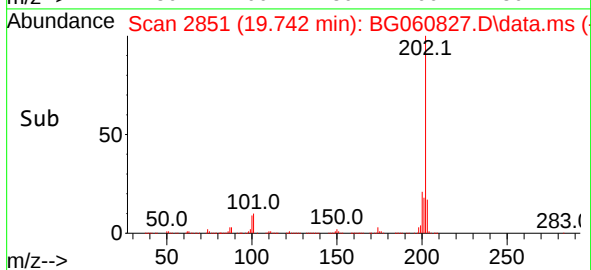
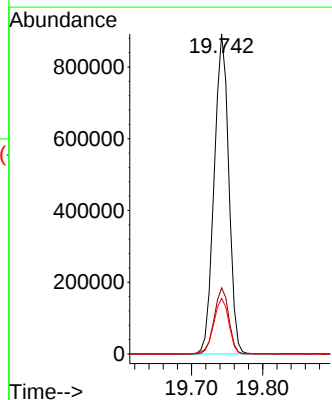
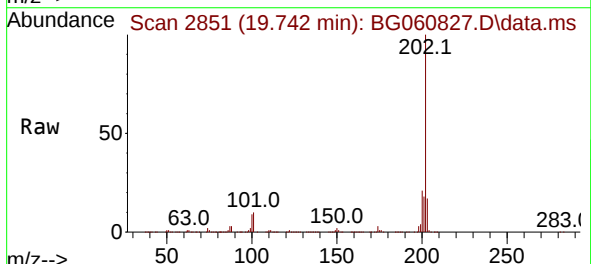
Instrument :
BNA_G
ClientSampleId :
PB160028BS

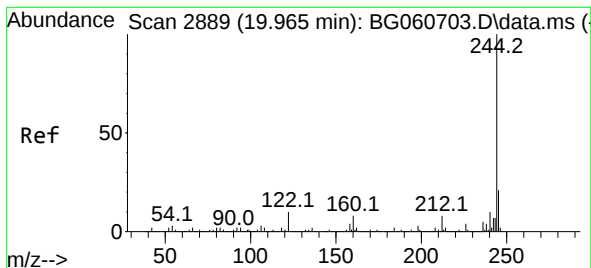
Tgt Ion:184 Resp: 330875
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.6
183 12.4 9.5 14.3



#78
Pyrene
Concen: 45.946 ng
RT: 19.742 min Scan# 2851
Delta R.T. -0.011 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

Tgt Ion:202 Resp: 1271188
Ion Ratio Lower Upper
202 100
200 20.7 17.0 25.4
203 17.4 14.0 21.0





#79

Terphenyl-d14

Concen: 87.440 ng

RT: 19.954 min Scan# 21

Delta R.T. -0.011 min

Lab File: BG060827.D

Acq: 8 Apr 2024 15:51

Instrument :

BNA_G

ClientSampleId :

PB160028BS

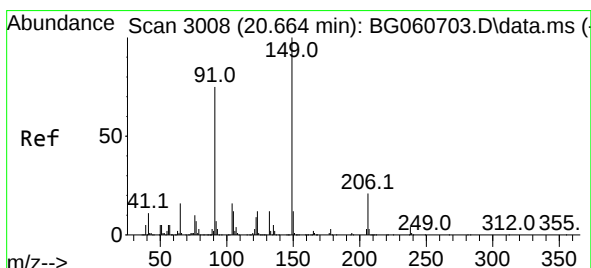
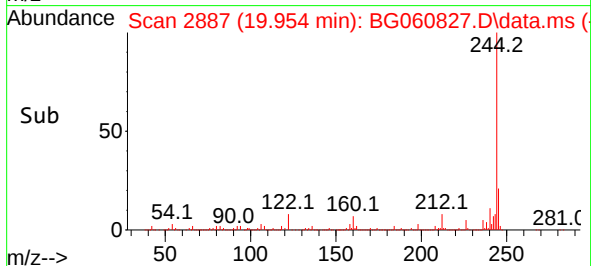
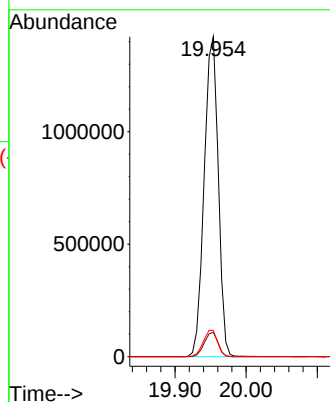
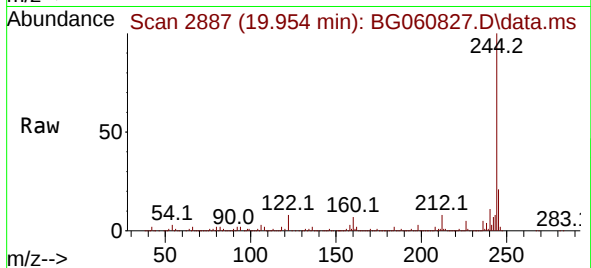
Tgt Ion:244 Resp: 1964459

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 8.2 7.8 11.8



#80

Butylbenzylphthalate

Concen: 45.363 ng

RT: 20.647 min Scan# 3005

Delta R.T. -0.017 min

Lab File: BG060827.D

Acq: 8 Apr 2024 15:51

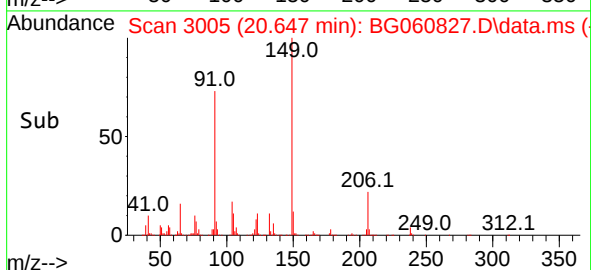
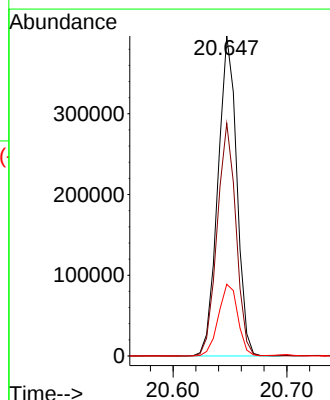
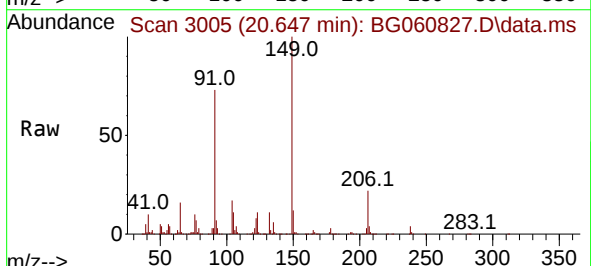
Tgt Ion:149 Resp: 457830

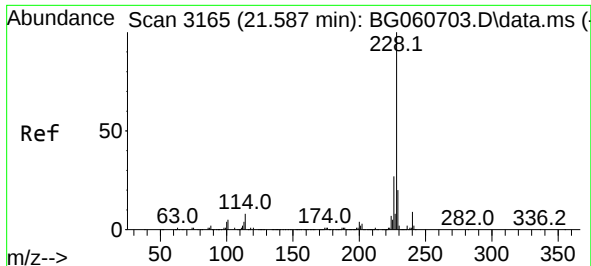
Ion Ratio Lower Upper

149 100

91 72.7 60.1 90.1

206 22.4 16.8 25.2

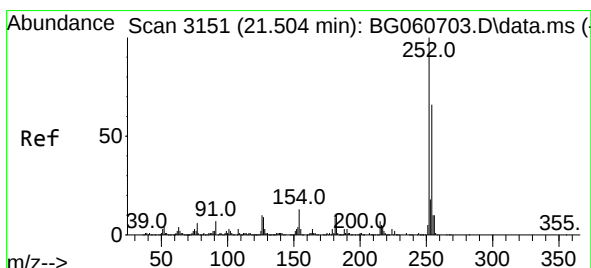
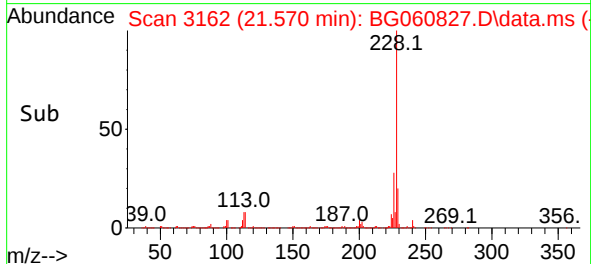
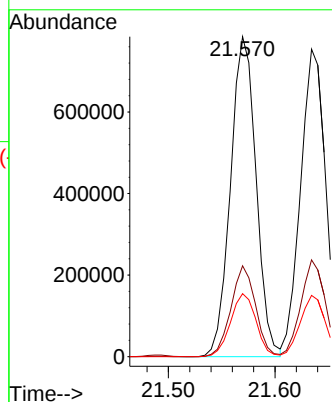
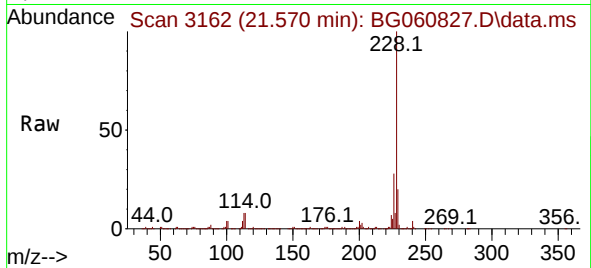




#81
Benzo(a)anthracene
Concen: 46.967 ng
RT: 21.570 min Scan# 3165
Delta R.T. -0.017 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

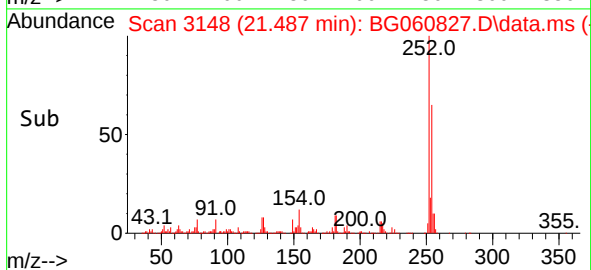
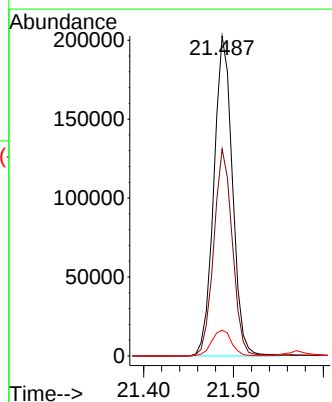
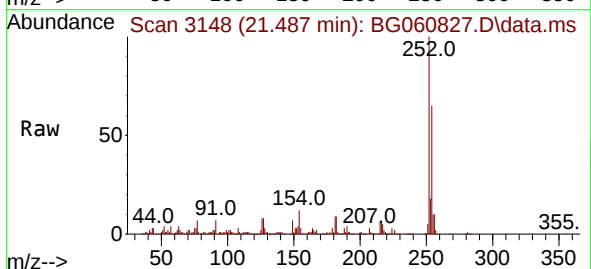
Instrument :
BNA_G
ClientSampleId :
PB160028BS

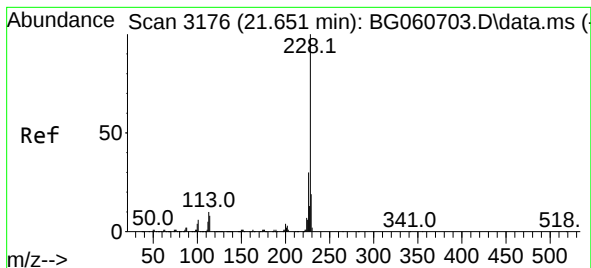
Tgt Ion:228 Resp: 1309670
Ion Ratio Lower Upper
228 100
226 28.4 21.7 32.5
229 19.7 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 30.917 ng
RT: 21.487 min Scan# 3148
Delta R.T. -0.017 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

Tgt Ion:252 Resp: 291098
Ion Ratio Lower Upper
252 100
254 64.7 52.6 78.8
126 8.1 7.8 11.8





#83

Chrysene

Concen: 45.926 ng

RT: 21.634 min Scan# 3173

Delta R.T. -0.017 min

Lab File: BG060827.D

Acq: 8 Apr 2024 15:51

Instrument :

BNA_G

ClientSampleId :

PB160028BS

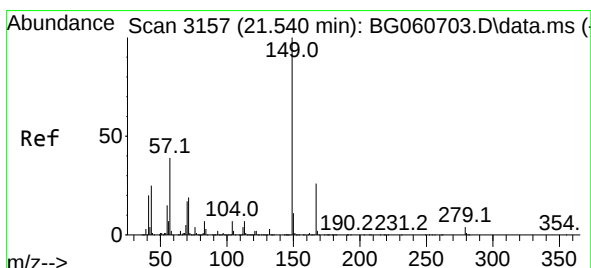
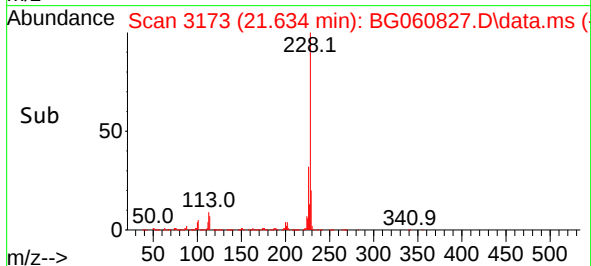
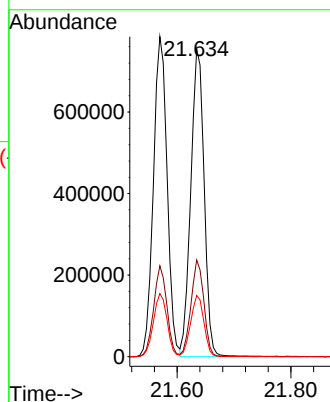
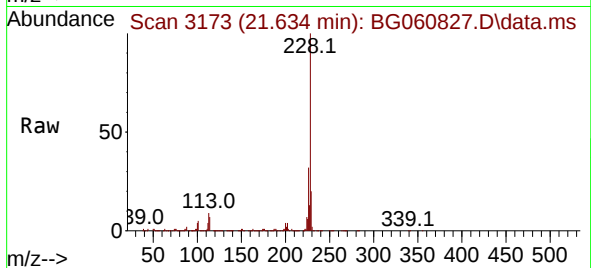
Tgt Ion:228 Resp: 1234367

Ion Ratio Lower Upper

228 100

226 31.5 24.2 36.4

229 19.9 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.413 ng

RT: 21.511 min Scan# 3152

Delta R.T. -0.029 min

Lab File: BG060827.D

Acq: 8 Apr 2024 15:51

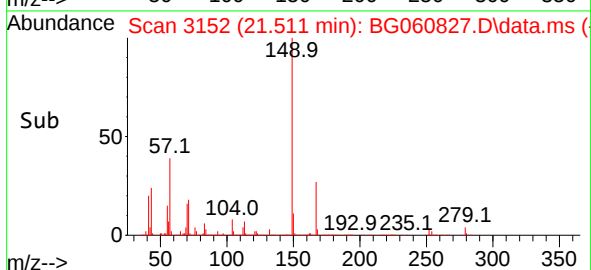
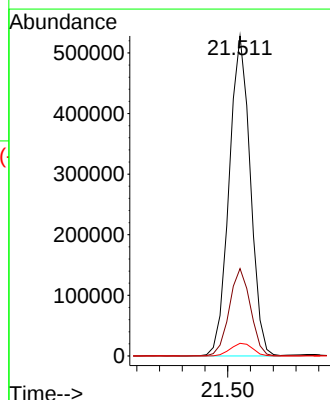
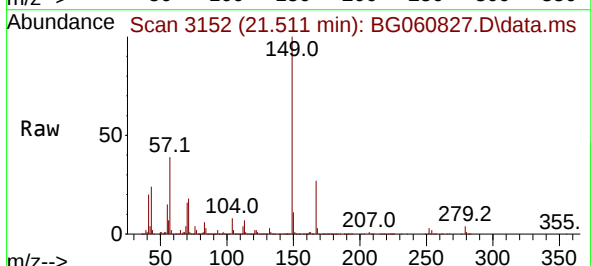
Tgt Ion:149 Resp: 682263

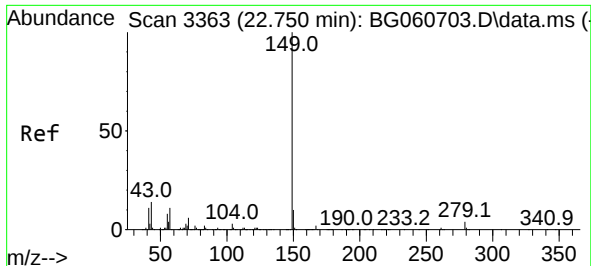
Ion Ratio Lower Upper

149 100

167 27.3 20.6 30.8

279 4.0 3.0 4.4

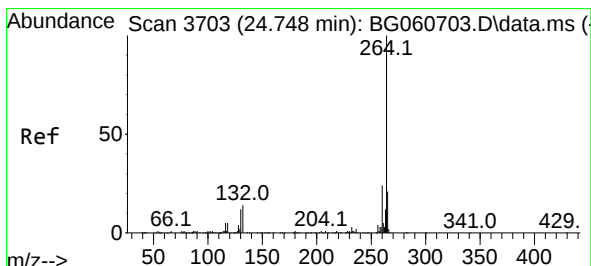
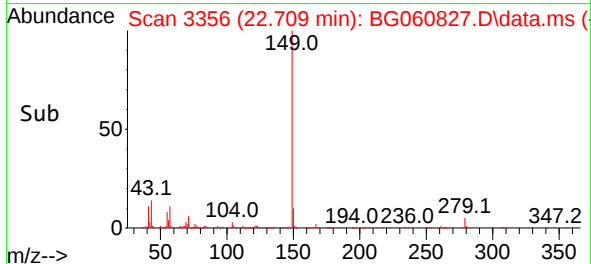
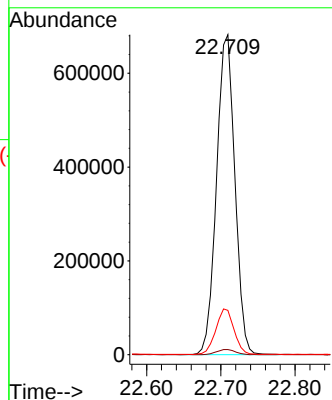
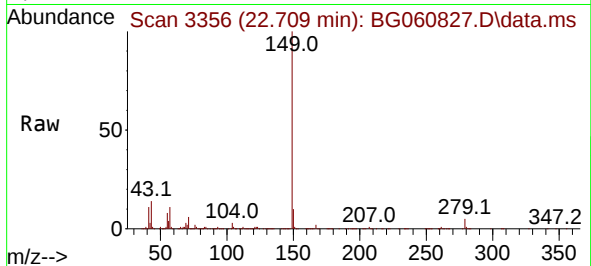




#85
Di-n-octyl phthalate
Concen: 44.652 ng
RT: 22.709 min Scan# 31
Delta R.T. -0.041 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

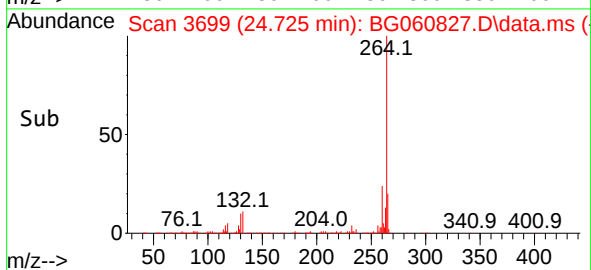
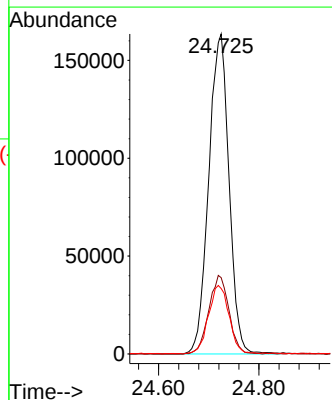
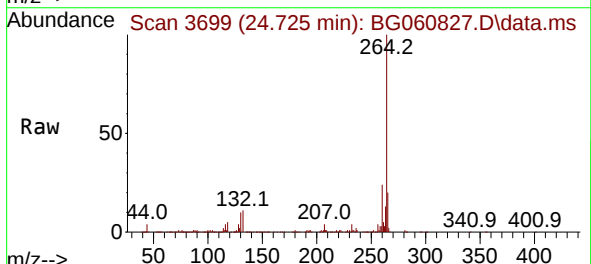
Instrument :
BNA_G
ClientSampleId :
PB160028BS

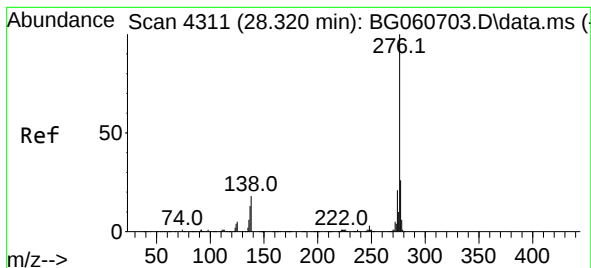
Tgt Ion:149 Resp: 1170146
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 14.1 11.3 16.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.725 min Scan# 3699
Delta R.T. -0.023 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

Tgt Ion:264 Resp: 458296
Ion Ratio Lower Upper
264 100
260 23.8 19.5 29.3
265 20.5 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.007 ng

RT: 28.279 min Scan# 4311

Delta R.T. -0.041 min

Lab File: BG060827.D

Acq: 8 Apr 2024 15:51

Instrument :

BNA_G

ClientSampleId :

PB160028BS

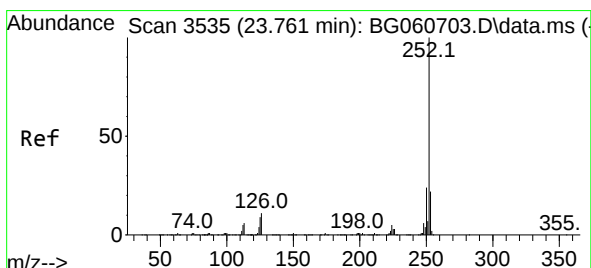
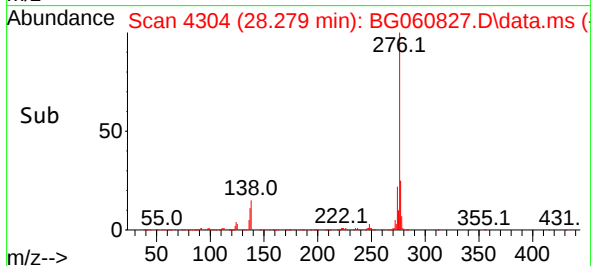
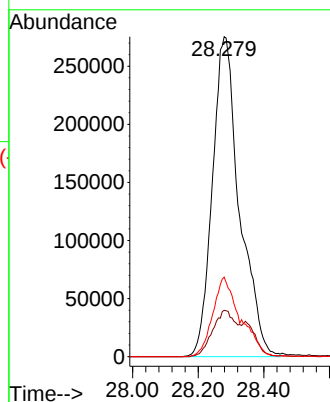
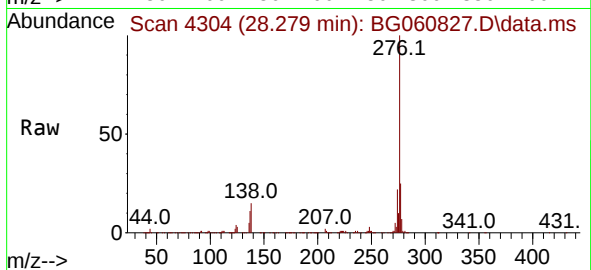
Tgt Ion:276 Resp: 1581619

Ion Ratio Lower Upper

276 100

138 13.1 12.4 18.6

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 48.981 ng

RT: 23.738 min Scan# 3531

Delta R.T. -0.023 min

Lab File: BG060827.D

Acq: 8 Apr 2024 15:51

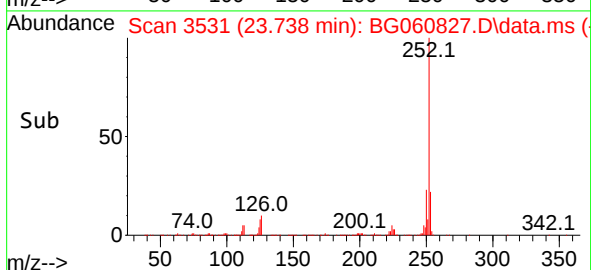
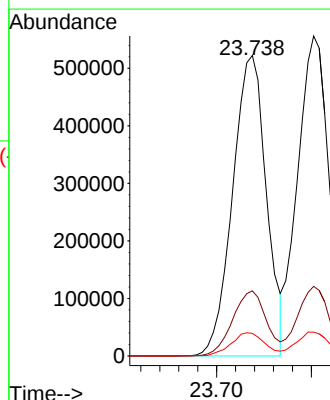
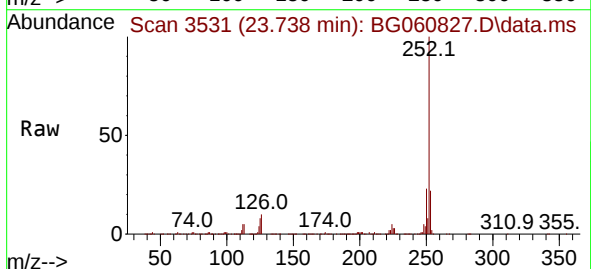
Tgt Ion:252 Resp: 1289615

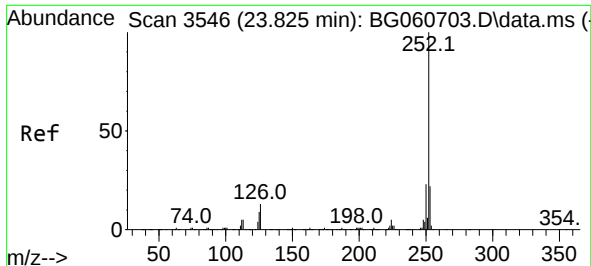
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 7.5 7.1 10.7

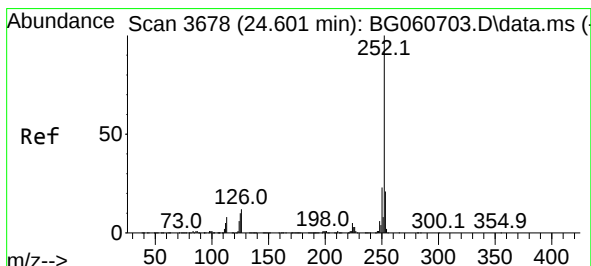
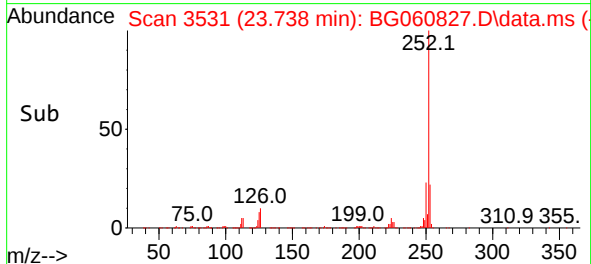
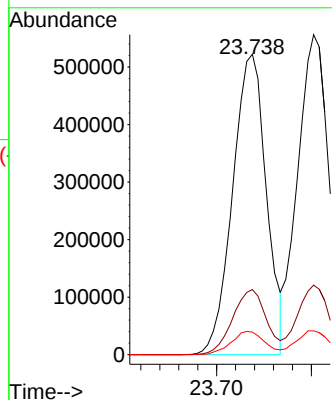
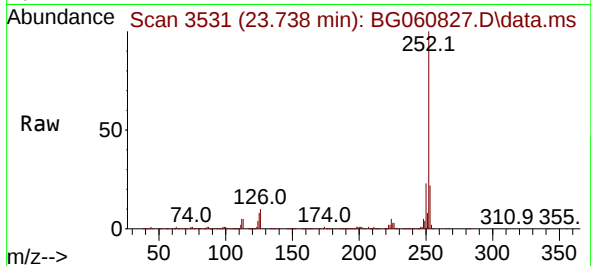




#89
Benzo(k)fluoranthene
Concen: 47.854 ng
RT: 23.738 min Scan# 31
Delta R.T. -0.088 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

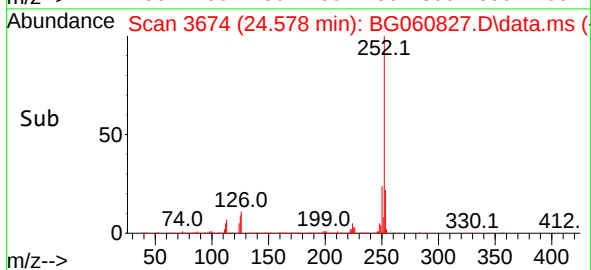
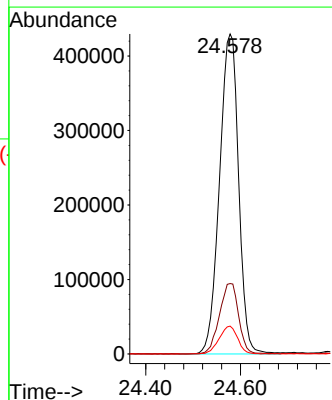
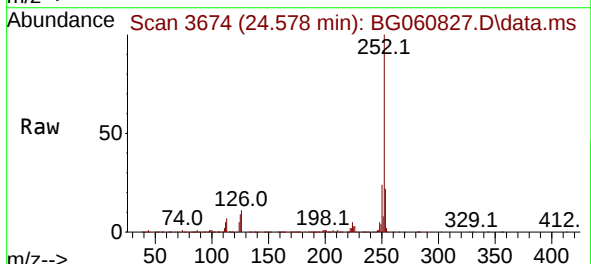
Instrument :
BNA_G
ClientSampleId :
PB160028BS

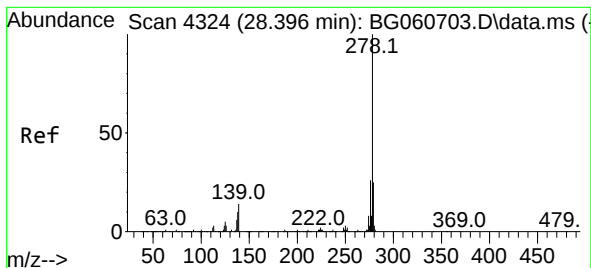
Tgt Ion:252 Resp: 1289615
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 7.5 7.5 11.3



#90
Benzo(a)pyrene
Concen: 46.960 ng
RT: 24.578 min Scan# 3674
Delta R.T. -0.023 min
Lab File: BG060827.D
Acq: 8 Apr 2024 15:51

Tgt Ion:252 Resp: 1201550
Ion Ratio Lower Upper
252 100
253 22.0 16.8 25.2
125 8.7 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 47.931 ng

RT: 28.350 min Scan# 41

Delta R.T. -0.046 min

Lab File: BG060827.D

Acq: 8 Apr 2024 15:51

Instrument :

BNA_G

ClientSampleId :

PB160028BS

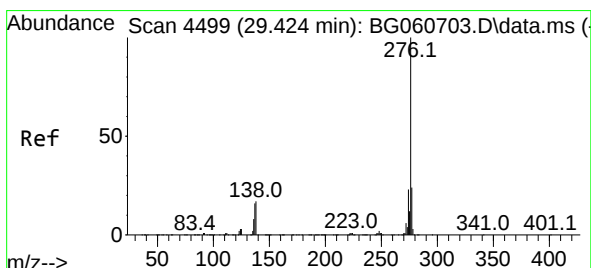
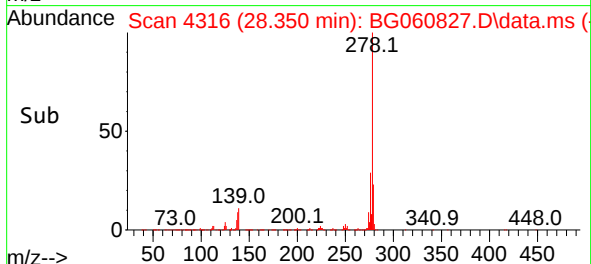
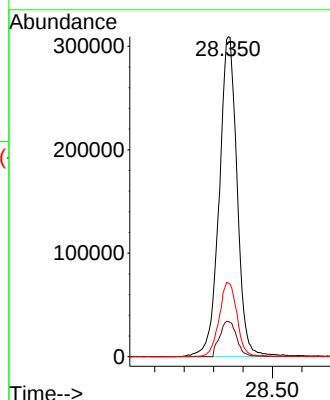
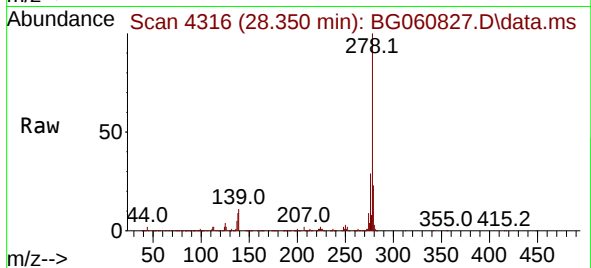
Tgt Ion:278 Resp: 1303991

Ion Ratio Lower Upper

278 100

139 11.0 11.1 16.7#

279 23.0 19.8 29.6



#92

Benzo(g,h,i)perylene

Concen: 46.256 ng

RT: 29.384 min Scan# 4492

Delta R.T. -0.041 min

Lab File: BG060827.D

Acq: 8 Apr 2024 15:51

Tgt Ion:276 Resp: 1224165

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 15.2 14.0 21.0

