

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040824\
 Data File : BG060829.D
 Acq On : 8 Apr 2024 17:12
 Operator : MA/JU
 Sample : PB160030BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160030BS

Quant Time: Apr 08 17:46:40 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	58136	20.000	ng	-0.01
21) Naphthalene-d8	10.747	136	235601	20.000	ng	-0.01
39) Acenaphthene-d10	14.578	164	181851	20.000	ng	-0.01
64) Phenanthrene-d10	17.327	188	461015	20.000	ng	-0.01
76) Chrysene-d12	21.593	240	443589	20.000	ng	-0.01
86) Perylene-d12	24.719	264	499436	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	477379	136.793	ng	0.00
7) Phenol-d6	7.116	99	651725	125.811	ng	0.00
23) Nitrobenzene-d5	9.102	82	428499	103.781	ng	-0.01
42) 2,4,6-Tribromophenol	16.070	330	367600	178.075	ng	0.00
45) 2-Fluorobiphenyl	13.203	172	1076531	86.881	ng	-0.02
79) Terphenyl-d14	19.954	244	2092333	83.056	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.455	88	50819	35.518	ng	97
3) Pyridine	3.837	79	130981	30.349	ng	96
4) n-Nitrosodimethylamine	3.755	42	115832	44.900	ng	91
6) Aniline	7.274	93	104619	15.993	ng	97
8) 2-Chlorophenol	7.515	128	192921	48.762	ng	97
9) Benzaldehyde	7.086	77	13933	4.878	ng	98
10) Phenol	7.145	94	241413	45.664	ng	98
11) bis(2-Chloroethyl)ether	7.368	93	172727	40.467	ng	99
12) 1,3-Dichlorobenzene	7.838	146	185921	45.189	ng	96
13) 1,4-Dichlorobenzene	7.985	146	193044	45.990	ng	98
14) 1,2-Dichlorobenzene	8.303	146	190225	46.244	ng	99
15) Benzyl Alcohol	8.185	79	190637	45.432	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.473	45	411837	42.754	ng	100
17) 2-Methylphenol	8.391	107	171429	42.954	ng	98
18) Hexachloroethane	9.031	117	68263	45.790	ng	# 88
19) n-Nitroso-di-n-propyla...	8.755	70	157788	39.942	ng	99
20) 3+4-Methylphenols	8.714	107	233837	42.787	ng	93
22) Acetophenone	8.767	105	300521	46.260	ng	# 97
24) Nitrobenzene	9.143	77	220903	48.061	ng	99
25) Isophorone	9.672	82	418804	44.039	ng	98
26) 2-Nitrophenol	9.854	139	96107	57.402	ng	91
27) 2,4-Dimethylphenol	9.918	122	160196	41.935	ng	98
28) bis(2-Chloroethoxy)met...	10.153	93	247891	44.152	ng	98
29) 2,4-Dichlorophenol	10.394	162	194884	55.554	ng	98
30) 1,2,4-Trichlorobenzene	10.606	180	195859	49.307	ng	98
31) Naphthalene	10.794	128	565400	44.364	ng	99
32) Benzoic acid	10.059	122	146709	56.337	ng	96
33) 4-Chloroaniline	10.900	127	82810	13.989	ng	96
34) Hexachlorobutadiene	11.088	225	136693	51.634	ng	96
35) Caprolactam	11.669	113	40097	28.859	ng	93
36) 4-Chloro-3-methylphenol	12.028	107	218648	48.791	ng	97
37) 2-Methylnaphthalene	12.404	142	404693	43.191	ng	98
38) 1-Methylnaphthalene	12.621	142	388761	43.920	ng	98
40) 1,2,4,5-Tetrachloroben...	12.768	216	261854	50.087	ng	100
41) Hexachlorocyclopentadiene	12.756	237	291996	109.842	ng	99
43) 2,4,6-Trichlorophenol	13.009	196	184606	54.838	ng	98

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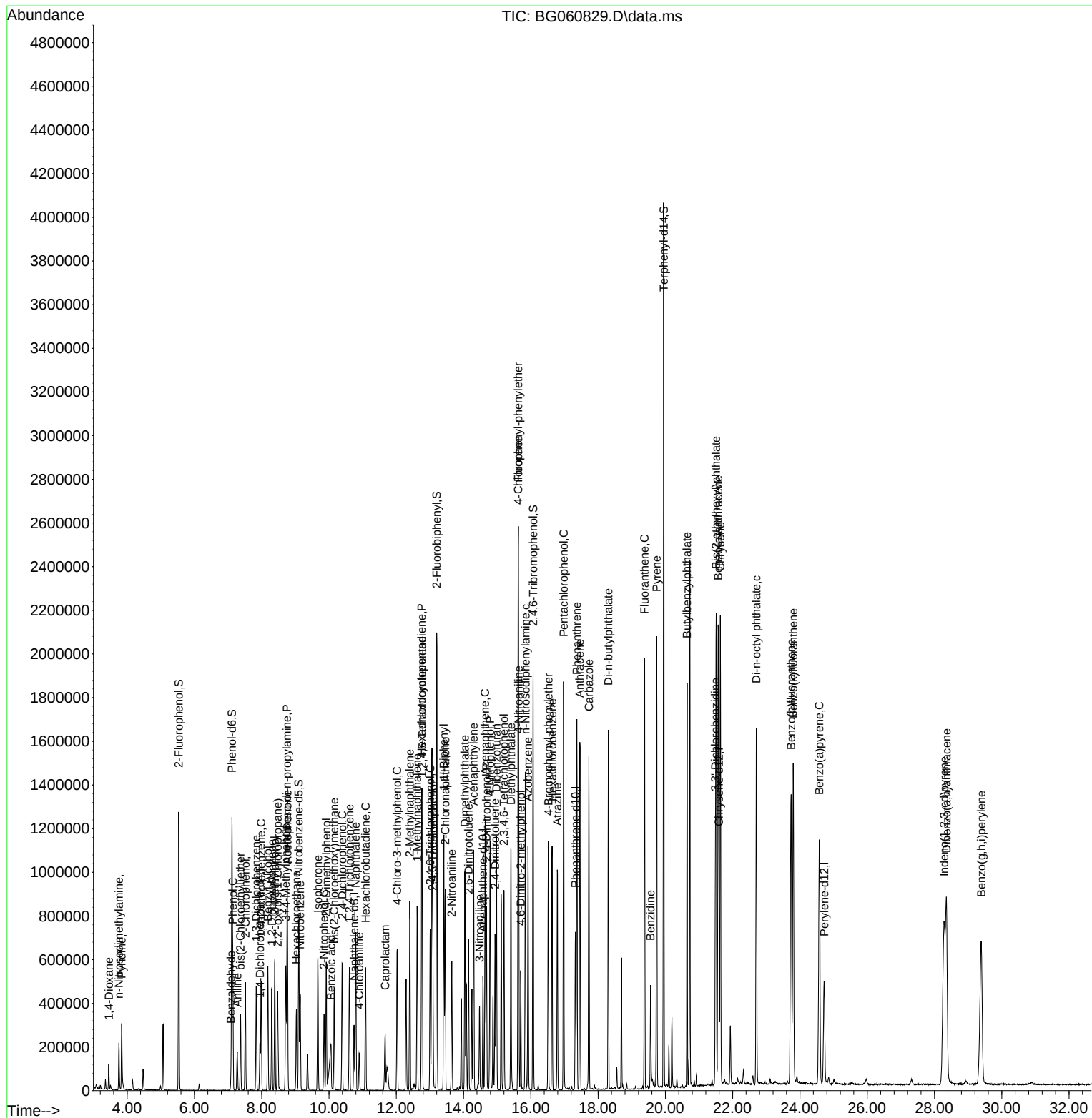
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.085	196	204858	50.993	ng	98
46) 1,1'-Biphenyl	13.414	154	576041	44.846	ng	97
47) 2-Chloronaphthalene	13.455	162	458053	46.936	ng	98
48) 2-Nitroaniline	13.649	65	170855	53.038	ng	95
49) Acenaphthylene	14.301	152	784403	47.836	ng	99
50) Dimethylphthalate	14.037	163	649611	45.195	ng	99
51) 2,6-Dinitrotoluene	14.149	165	134221	51.852	ng	93
52) Acenaphthene	14.642	154	440448	42.781	ng	98
53) 3-Nitroaniline	14.478	138	83332	30.615	ng #	95
54) 2,4-Dinitrophenol	14.683	184	168461	168.378	ng	90
55) Dibenzofuran	14.977	168	743740	45.798	ng	98
56) 4-Nitrophenol	14.789	139	248231	118.134	ng	99
57) 2,4-Dinitrotoluene	14.936	165	191120	56.045	ng	96
58) Fluorene	15.629	166	602665	46.240	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.200	232	197722	56.475	ng	97
60) Diethylphthalate	15.412	149	646712	44.721	ng	99
61) 4-Chlorophenyl-phenyle...	15.623	204	328121	47.586	ng	94
62) 4-Nitroaniline	15.641	138	141631	53.894	ng	96
63) Azobenzene	15.917	77	614538	43.610	ng	95
65) 4,6-Dinitro-2-methylph...	15.700	198	114148	58.239	ng	99
66) n-Nitrosodiphenylamine	15.841	169	580719	44.080	ng	97
67) 4-Bromophenyl-phenylether	16.522	248	226205	48.348	ng	97
68) Hexachlorobenzene	16.634	284	259030	49.043	ng	95
69) Atrazine	16.787	200	186736	40.534	ng	96
70) Pentachlorophenol	16.975	266	361678	104.947	ng	96
71) Phenanthrene	17.368	178	1057795	44.118	ng	100
72) Anthracene	17.457	178	1070260	43.954	ng	100
73) Carbazole	17.727	167	960692	44.748	ng	99
74) Di-n-butylphthalate	18.303	149	1130742	42.246	ng	99
75) Fluoranthene	19.384	202	1308739	44.983	ng	97
77) Benzidine	19.560	184	332976	28.507	ng	99
78) Pyrene	19.742	202	1360496	43.854	ng	100
80) Butylbenzylphthalate	20.647	149	513337	45.360	ng	96
81) Benzo(a)anthracene	21.569	228	1429255	45.709	ng	100
82) 3,3'-Dichlorobenzidine	21.487	252	374680	35.488	ng	98
83) Chrysene	21.634	228	1339675	44.451	ng	99
84) Bis(2-ethylhexyl)phtha...	21.511	149	759247	42.092	ng	95
85) Di-n-octyl phthalate	22.703	149	1314208	44.723	ng	100
87) Indeno(1,2,3-cd)pyrene	28.285	276	1717511	48.834	ng	98
88) Benzo(b)fluoranthene	23.737	252	1412240	49.220	ng	98
89) Benzo(k)fluoranthene	23.802	252	1401053	47.707	ng	98
90) Benzo(a)pyrene	24.578	252	1282850	46.007	ng	98
91) Dibenzo(a,h)anthracene	28.356	278	1418696	47.852	ng #	96
92) Benzo(g,h,i)perylene	29.390	276	1342572	46.552	ng	97

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

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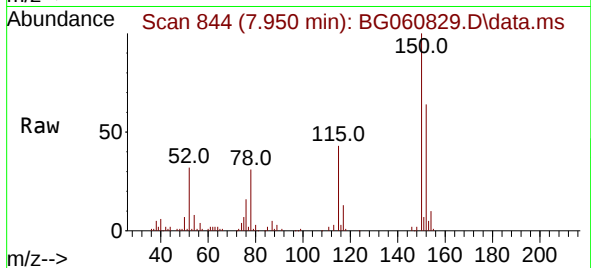
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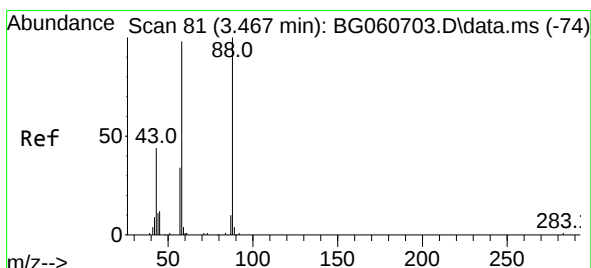
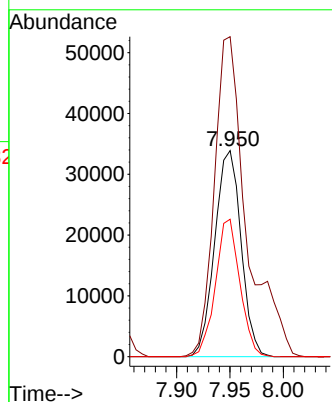
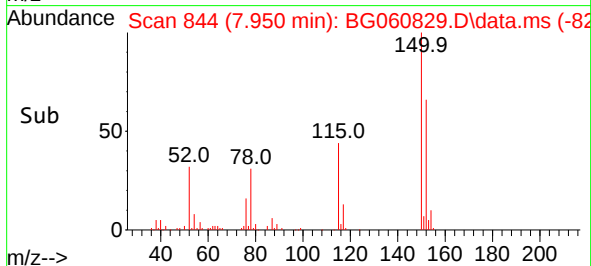


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.950 min Scan# 84
 Delta R.T. -0.011 min
 Lab File: BG060829.D
 Acq: 8 Apr 2024 17:12

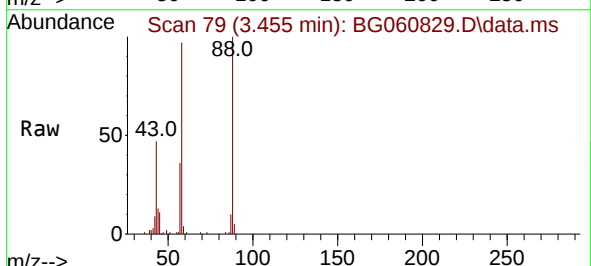
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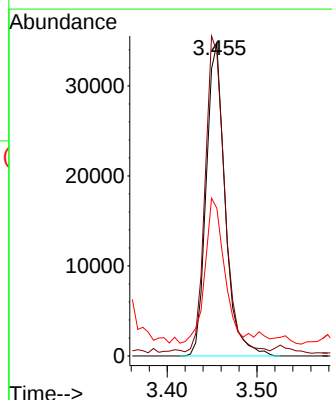
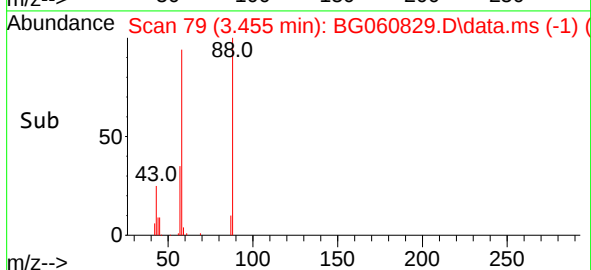
Tgt Ion:152 Resp: 58136
 Ion Ratio Lower Upper
 152 100
 150 155.3 130.2 195.4
 115 66.7 51.6 77.4

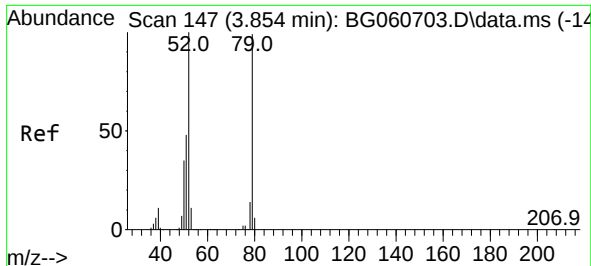


#2
 1,4-Dioxane
 Concen: 35.518 ng
 RT: 3.455 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BG060829.D
 Acq: 8 Apr 2024 17:12



Tgt Ion: 88 Resp: 50819
 Ion Ratio Lower Upper
 88 100
 58 103.4 80.9 121.3
 43 47.1 35.4 53.0

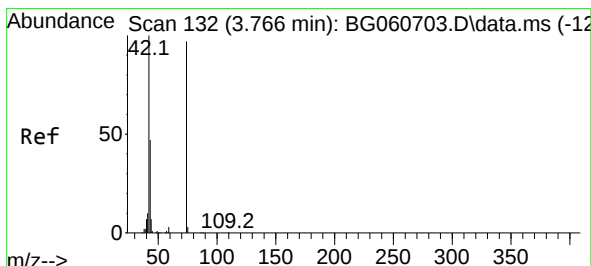
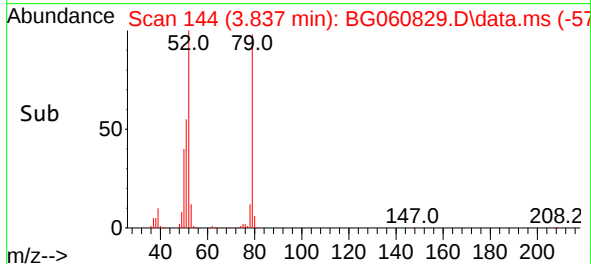
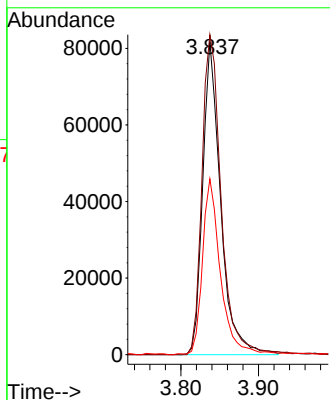
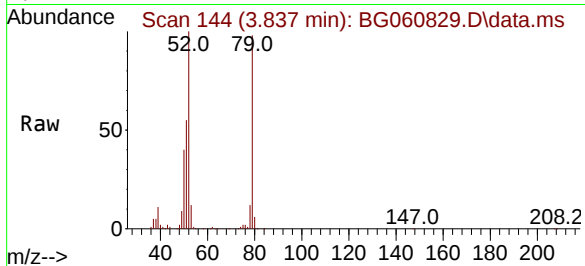




#3
Pyridine
Concen: 30.349 ng
RT: 3.837 min Scan# 14
Delta R.T. -0.017 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

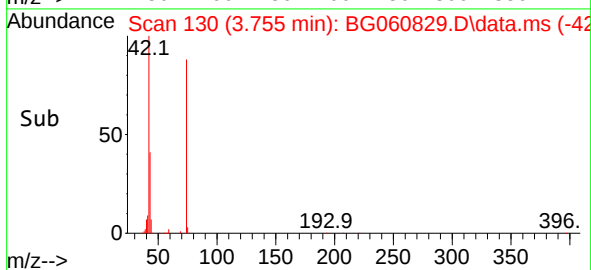
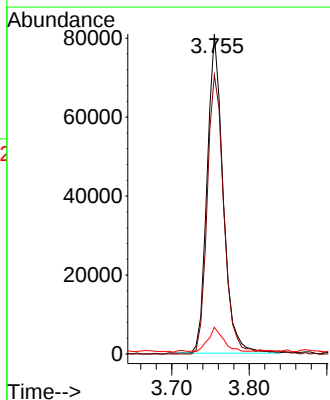
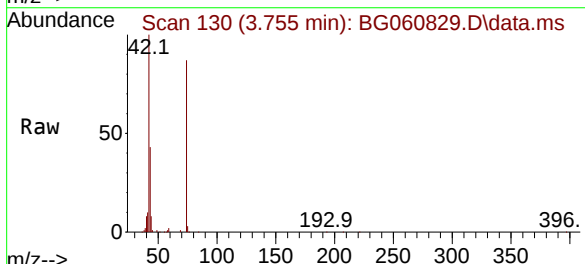
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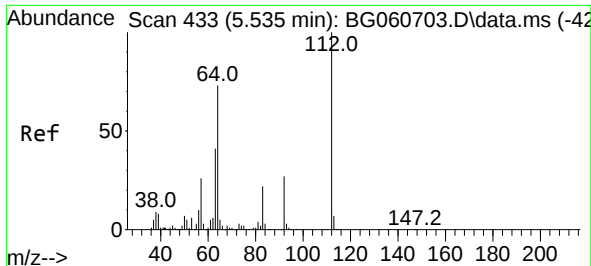
Tgt Ion: 79 Resp: 130981
Ion Ratio Lower Upper
79 100
52 102.1 80.6 120.8
51 56.1 39.1 58.7



#4
n-Nitrosodimethylamine
Concen: 44.900 ng
RT: 3.755 min Scan# 130
Delta R.T. -0.011 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

Tgt Ion: 42 Resp: 115832
Ion Ratio Lower Upper
42 100
74 87.2 77.8 116.8
44 8.3 6.8 10.2

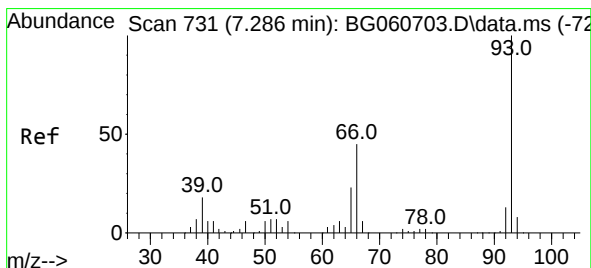
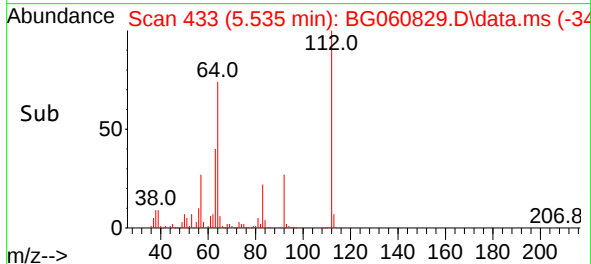
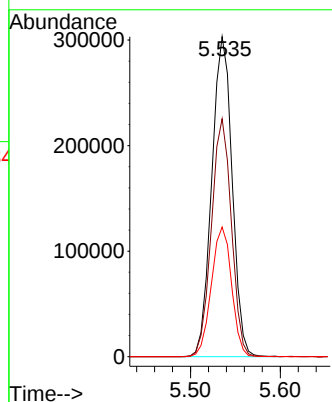
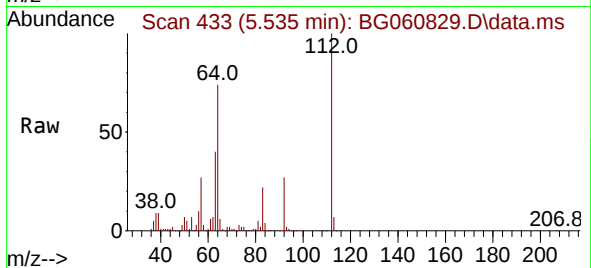




#5
2-Fluorophenol
Concen: 136.793 ng
RT: 5.535 min Scan# 411
Delta R.T. 0.000 min
Lab File: BG060829.D
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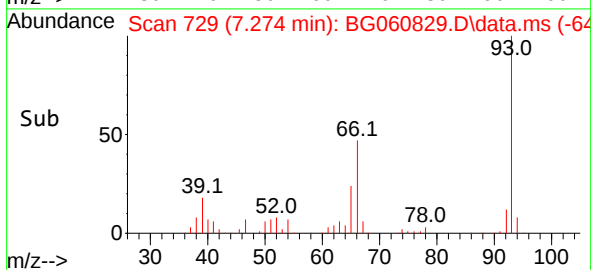
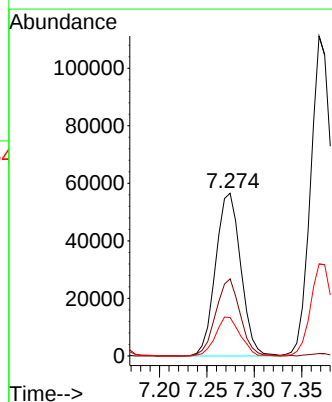
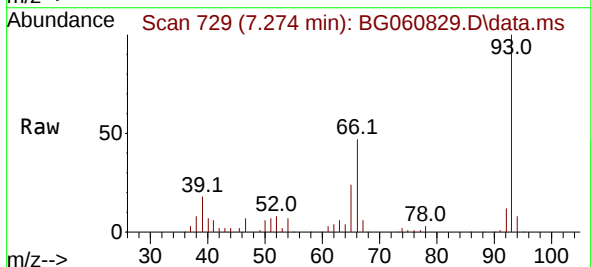
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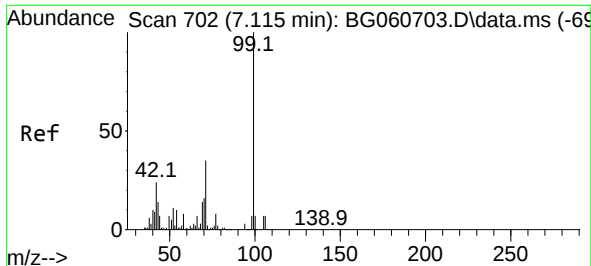
Tgt Ion:112 Resp: 477379
Ion Ratio Lower Upper
112 100
64 74.3 58.4 87.6
63 40.5 32.7 49.1



#6
Aniline
Concen: 15.993 ng
RT: 7.274 min Scan# 729
Delta R.T. -0.011 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

Tgt Ion: 93 Resp: 104619
Ion Ratio Lower Upper
93 100
66 47.4 36.1 54.1
65 23.6 18.1 27.1

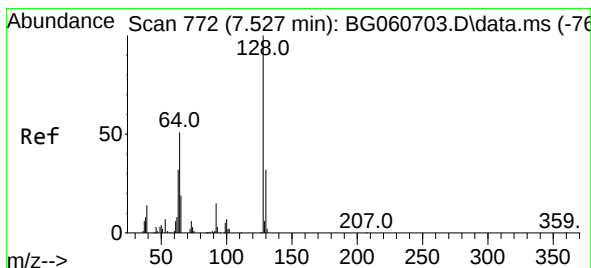
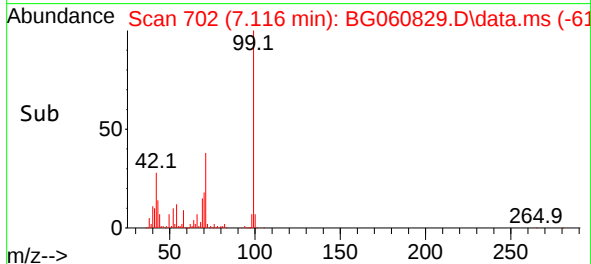
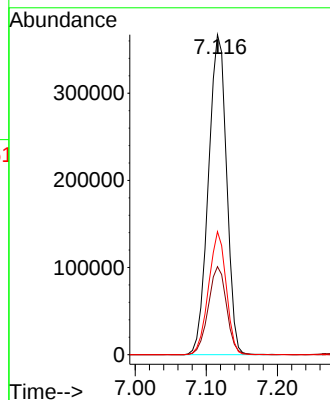
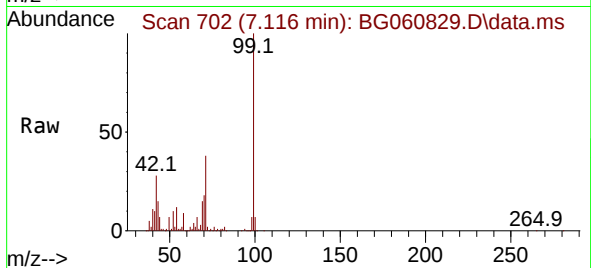




#7
Phenol-d6
Concen: 125.811 ng
RT: 7.116 min Scan# 702
Delta R.T. 0.000 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

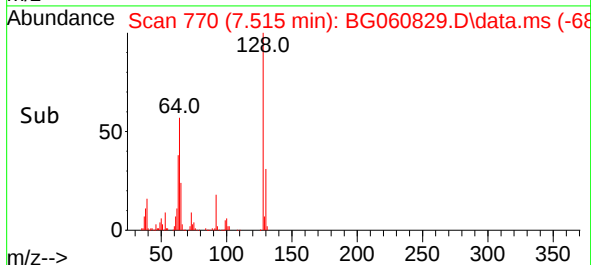
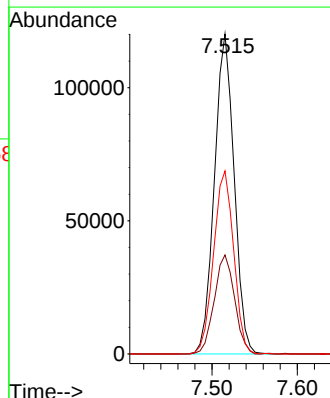
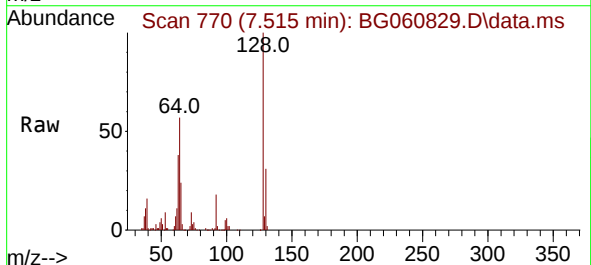
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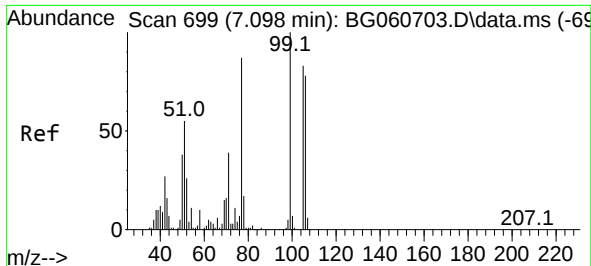
Tgt Ion: 99 Resp: 651725
Ion Ratio Lower Upper
99 100
42 27.5 19.4 29.2
71 38.4 28.2 42.2



#8
2-Chlorophenol
Concen: 48.762 ng
RT: 7.515 min Scan# 770
Delta R.T. -0.011 min
Lab File: BG060829.D
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Tgt Ion:128 Resp: 192921
Ion Ratio Lower Upper
128 100
130 30.9 12.3 52.3
64 57.2 35.0 75.0

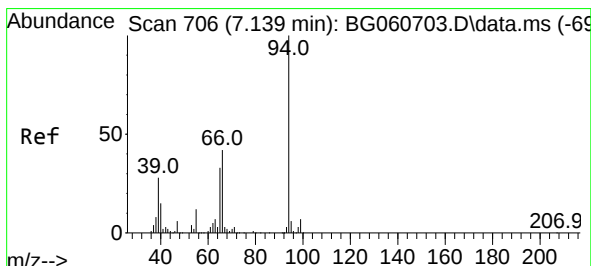
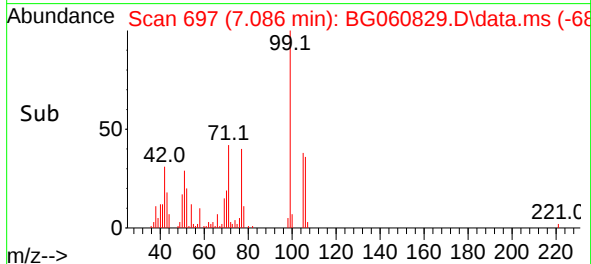
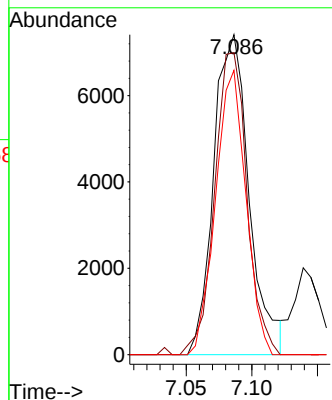
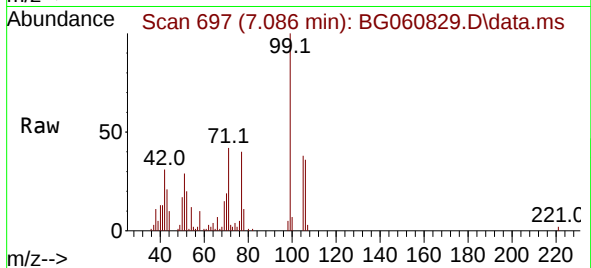




#9
Benzaldehyde
Concen: 4.878 ng
RT: 7.086 min Scan# 699
Delta R.T. -0.012 min
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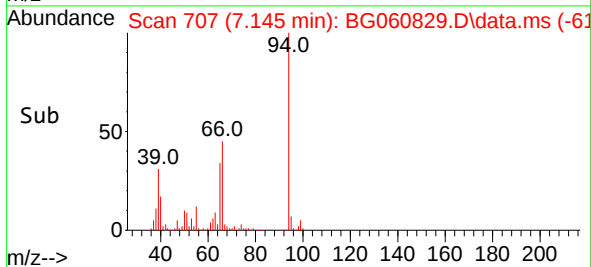
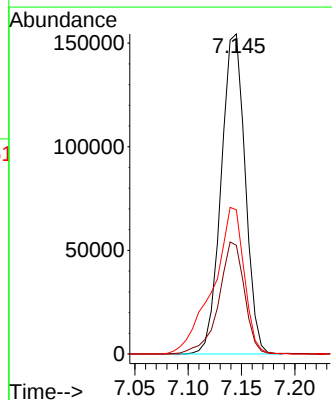
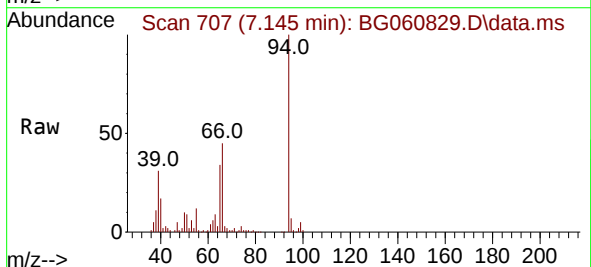
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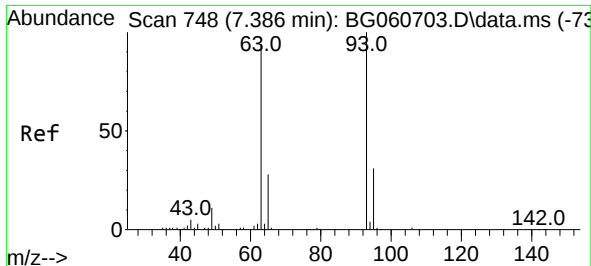
Tgt Ion: 77 Resp: 13933
Ion Ratio Lower Upper
77 100
105 94.4 76.0 116.0
106 88.8 70.3 110.3



#10
Phenol
Concen: 45.664 ng
RT: 7.145 min Scan# 707
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 241413
Ion Ratio Lower Upper
94 100
65 34.0 13.3 53.3
66 45.0 22.9 62.9



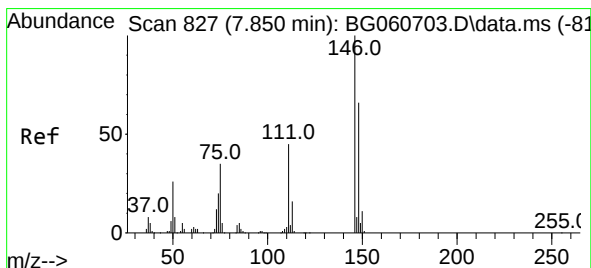
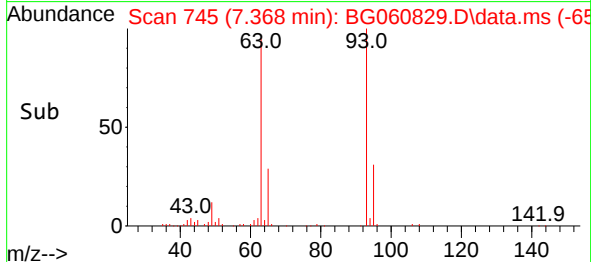
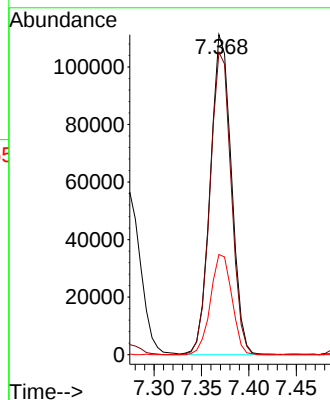
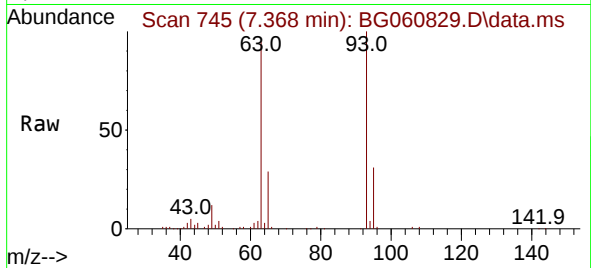


#11
bis(2-Chloroethyl)ether
Concen: 40.467 ng
RT: 7.368 min Scan# 748
Delta R.T. -0.017 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

Instrument :
BNA_G
ClientSampleId :
PB160030BS

Tgt Ion: 93 Resp: 172727

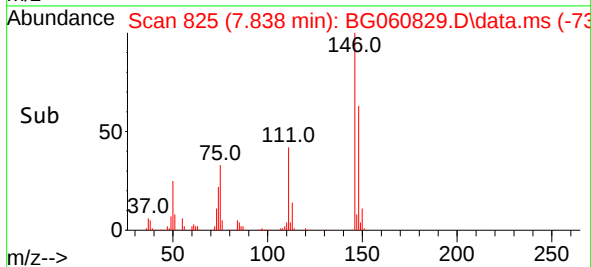
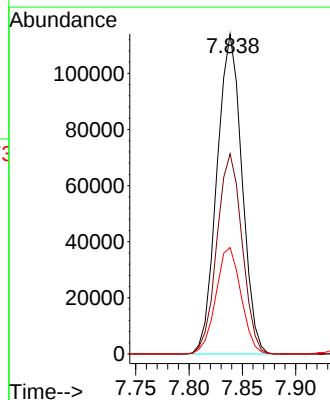
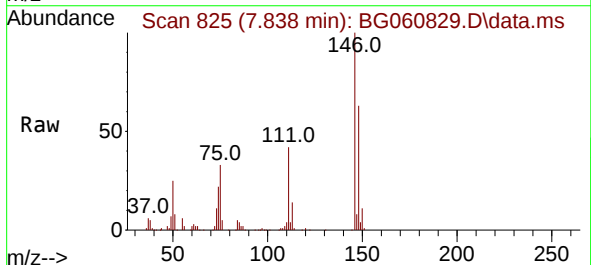
Ion	Ratio	Lower	Upper
93	100		
63	94.6	73.7	113.7
95	31.3	11.2	51.2



#12
1,3-Dichlorobenzene
Concen: 45.189 ng
RT: 7.838 min Scan# 825
Delta R.T. -0.011 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

Tgt Ion: 146 Resp: 185921

Ion	Ratio	Lower	Upper
146	100		
148	62.6	53.0	79.4
75	33.2	28.1	42.1

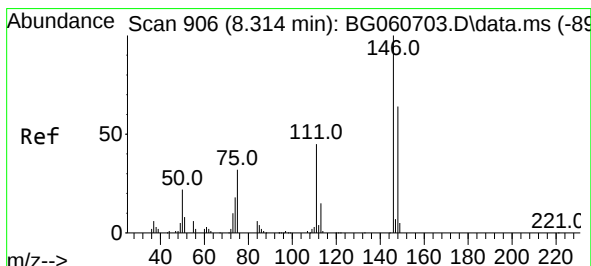
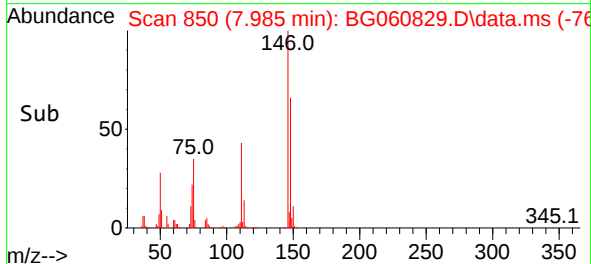
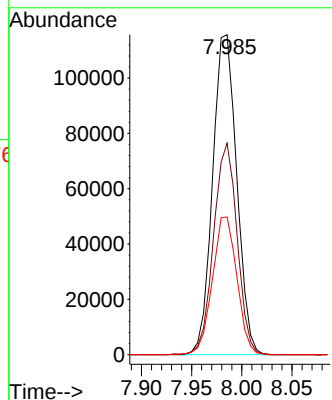
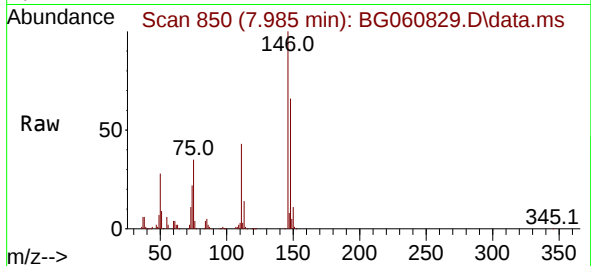




#13
1,4-Dichlorobenzene
Concen: 45.990 ng
RT: 7.985 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

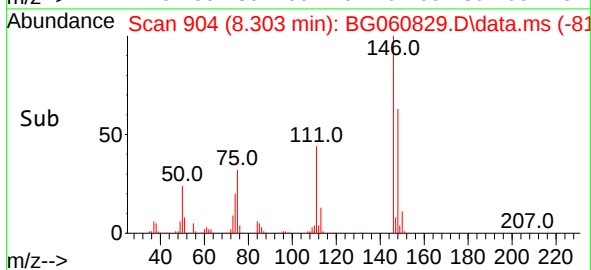
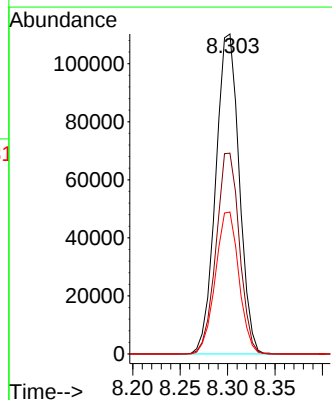
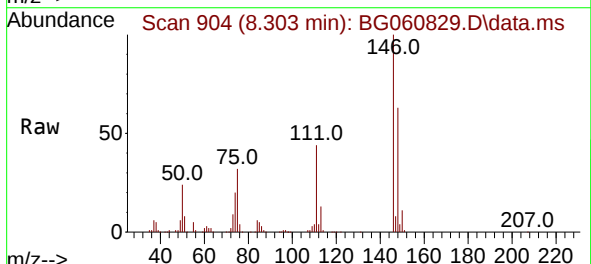
Instrument :
BNA_G
ClientSampleId :
PB160030BS

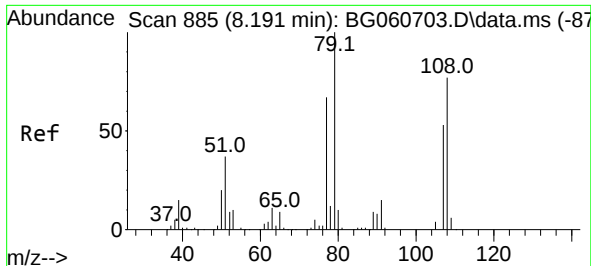
Tgt Ion:146 Resp: 193044
Ion Ratio Lower Upper
146 100
148 66.1 51.1 76.7
111 43.1 35.0 52.6



#14
1,2-Dichlorobenzene
Concen: 46.244 ng
RT: 8.303 min Scan# 904
Delta R.T. -0.011 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

Tgt Ion:146 Resp: 190225
Ion Ratio Lower Upper
146 100
148 62.8 51.0 76.6
111 44.3 36.0 54.0

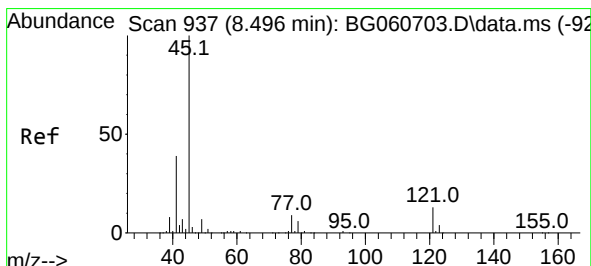
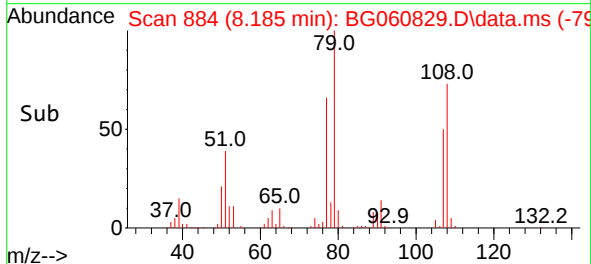
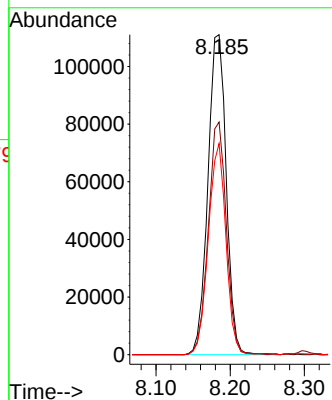
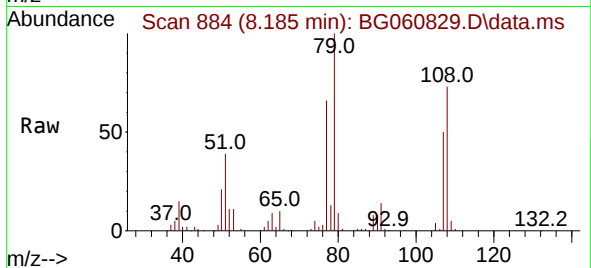




#15
Benzyl Alcohol
Concen: 45.432 ng
RT: 8.185 min Scan# 815
Delta R.T. -0.006 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

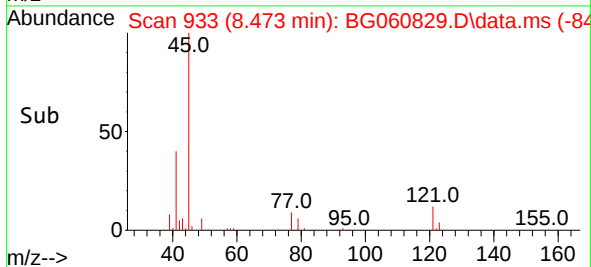
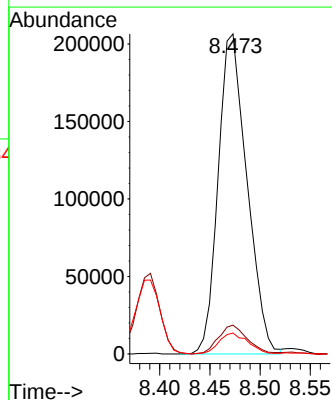
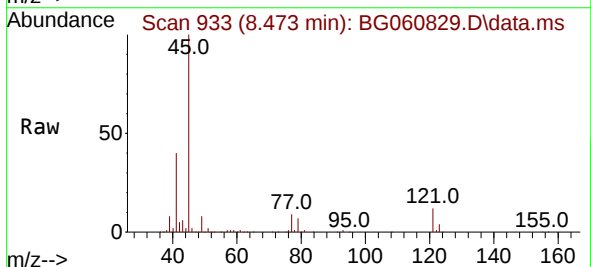
Instrument :
BNA_G
ClientSampleId :
PB160030BS

Tgt Ion: 79 Resp: 190637
Ion Ratio Lower Upper
79 100
108 72.7 61.4 92.0
77 66.0 53.6 80.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.754 ng
RT: 8.473 min Scan# 933
Delta R.T. -0.023 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

Tgt Ion: 45 Resp: 411837
Ion Ratio Lower Upper
45 100
77 9.0 0.0 29.1
79 6.6 0.0 26.5





#17

2-Methylphenol

Concen: 42.954 ng

RT: 8.391 min Scan# 91

Delta R.T. 0.000 min

Lab File: BG060829.D

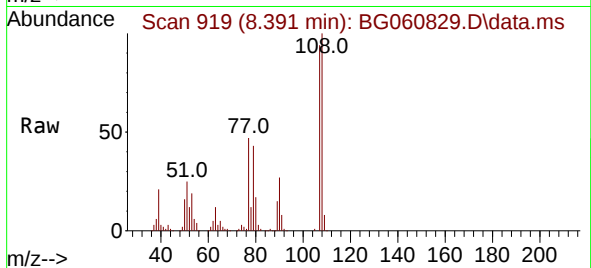
Acq: 8 Apr 2024 17:12

Instrument :

BNA_G

ClientSampleId :

PB160030BS



Tgt Ion:107 Resp: 171429

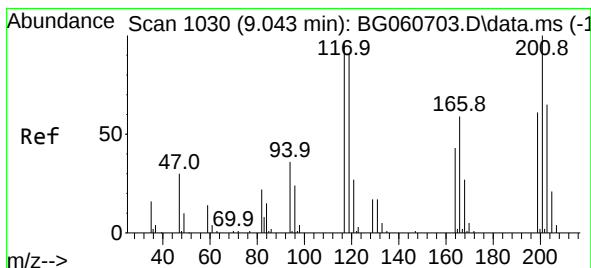
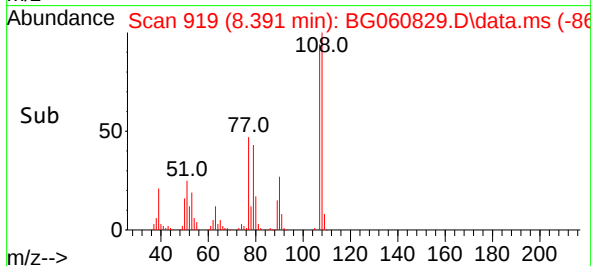
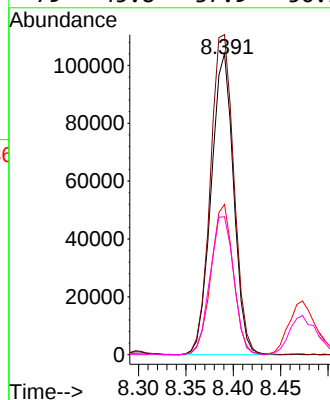
Ion Ratio Lower Upper

107 100

108 106.3 86.4 129.6

77 50.0 38.6 58.0

79 45.8 37.9 56.9



#18

Hexachloroethane

Concen: 45.790 ng

RT: 9.031 min Scan# 1028

Delta R.T. -0.011 min

Lab File: BG060829.D

Acq: 8 Apr 2024 17:12

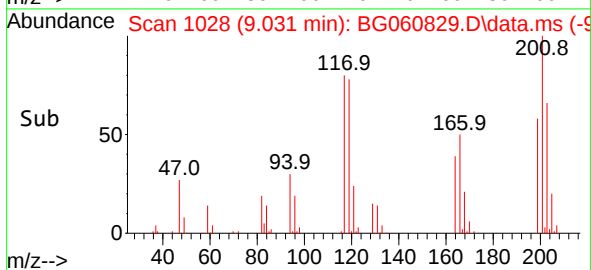
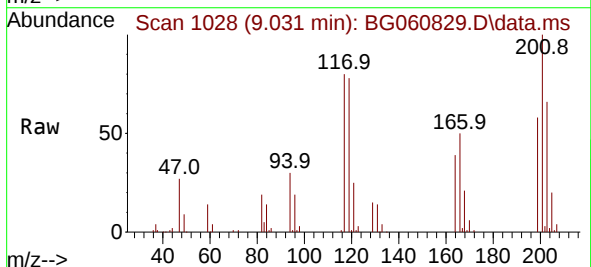
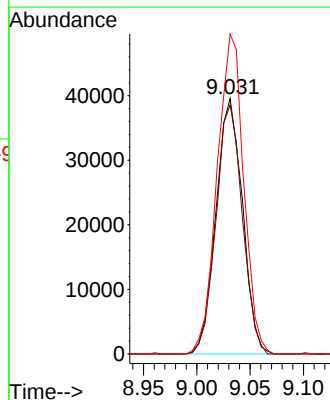
Tgt Ion:117 Resp: 68263

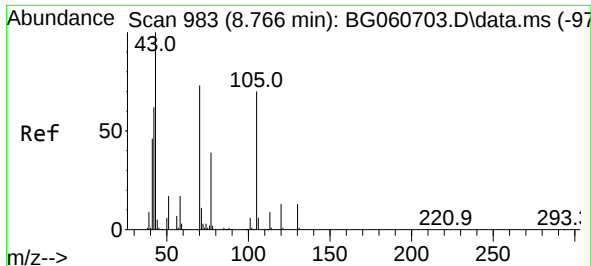
Ion Ratio Lower Upper

117 100

119 97.5 75.7 113.5

201 125.3 83.4 125.2#



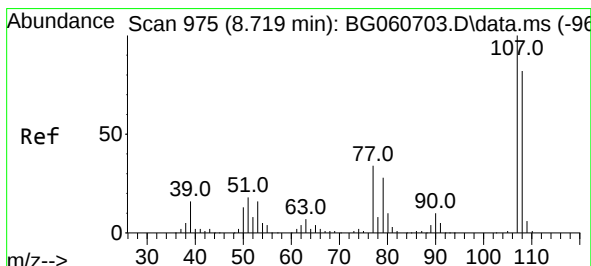
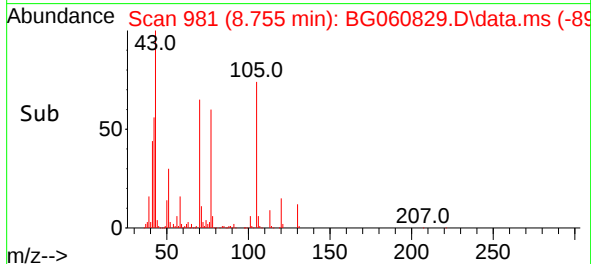
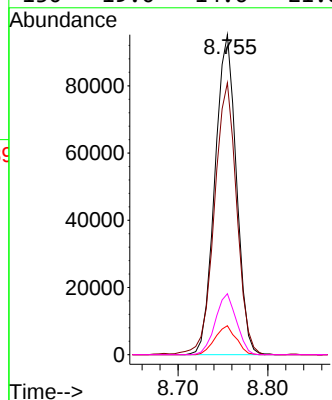
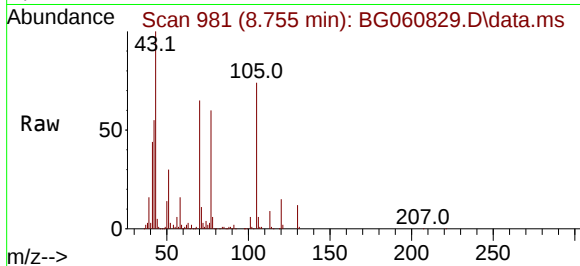


#19
n-Nitroso-di-n-propylamine
Concen: 39.942 ng
RT: 8.755 min Scan# 91
Delta R.T. -0.011 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

Instrument :
BNA_G
ClientSampleId :
PB160030BS

Tgt Ion: 70 Resp: 157788

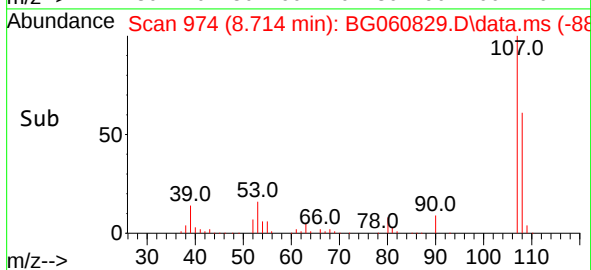
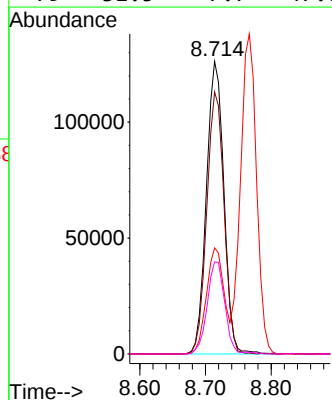
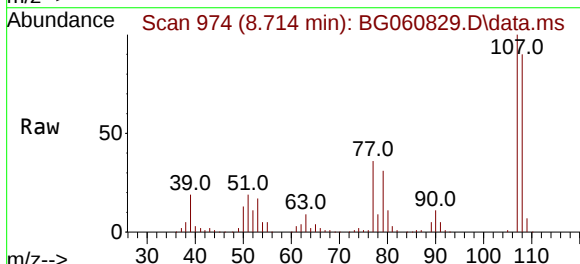
Ion	Ratio	Lower	Upper
70	100		
42	85.0	68.4	102.6
101	9.0	6.1	9.1
130	19.0	14.6	21.8



#20
3+4-Methylphenols
Concen: 42.787 ng
RT: 8.714 min Scan# 974
Delta R.T. -0.006 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

Tgt Ion: 107 Resp: 233837

Ion	Ratio	Lower	Upper
107	100		
108	89.5	62.2	102.2
77	36.3	14.1	54.1
79	31.5	7.7	47.7



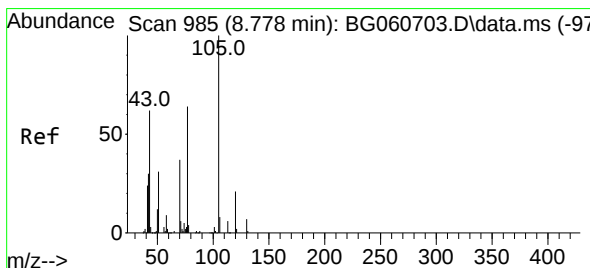
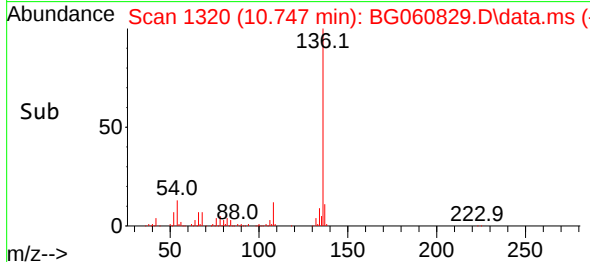
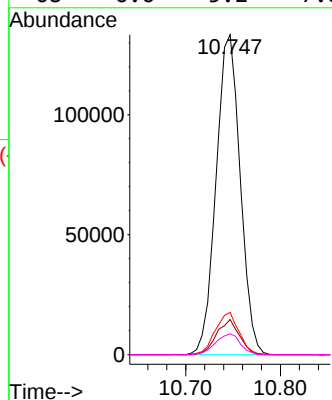
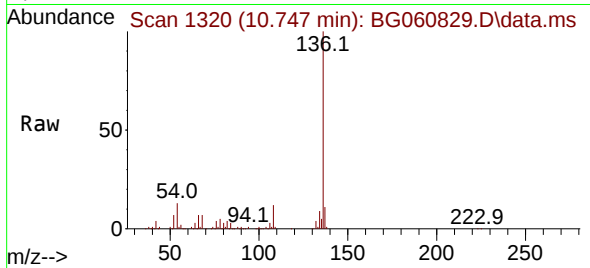


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.747 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

Instrument :
BNA_G
ClientSampleId :
PB160030BS

Tgt Ion:136 Resp: 235601

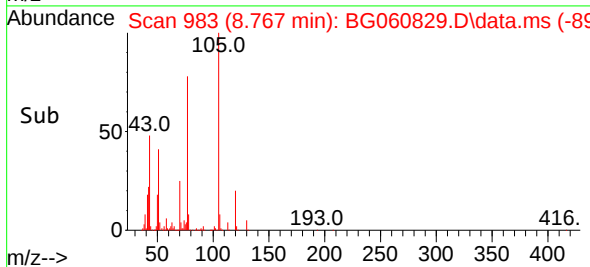
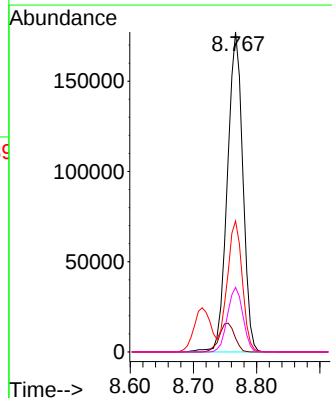
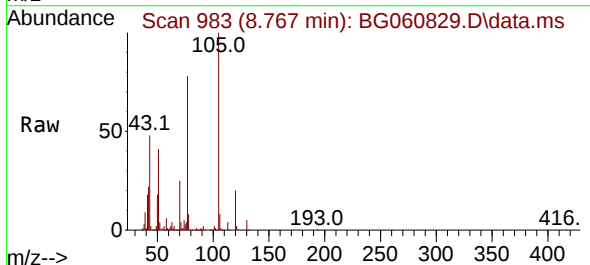
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	13.2	10.2	15.2
68	6.6	5.2	7.8



#22
Acetophenone
Concen: 46.260 ng
RT: 8.767 min Scan# 983
Delta R.T. -0.011 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

Tgt Ion:105 Resp: 300521

Ion	Ratio	Lower	Upper
105	100		
71	4.3	4.9	7.3#
51	40.9	31.1	46.7
120	20.2	17.0	25.4

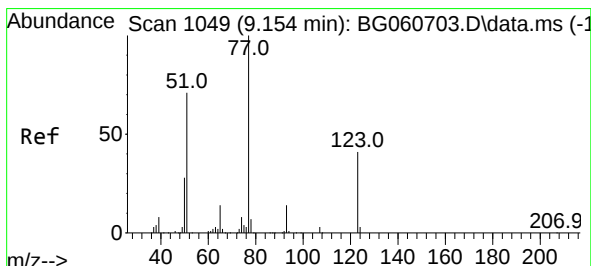
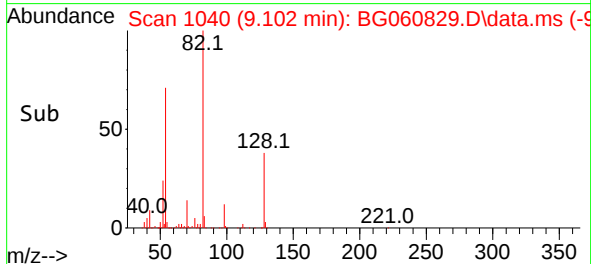
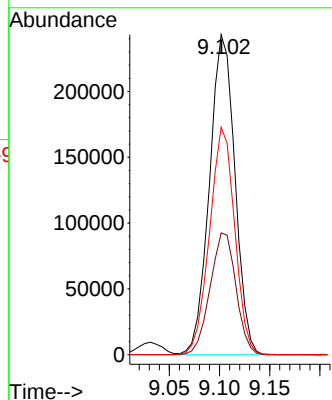
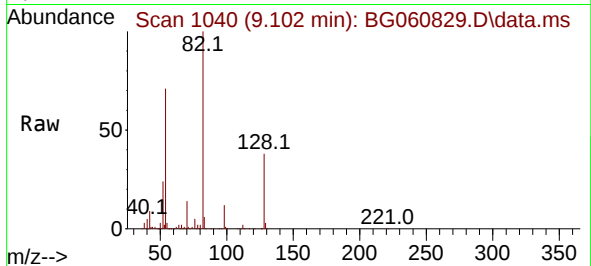




#23
Nitrobenzene-d5
Concen: 103.781 ng
RT: 9.102 min Scan# 1040
Delta R.T. -0.011 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

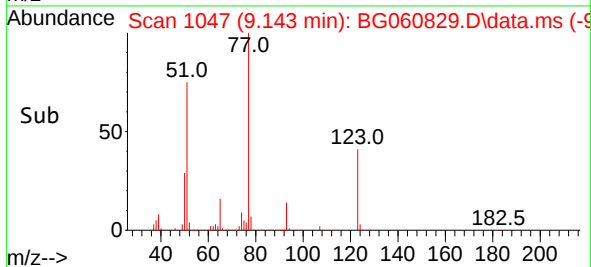
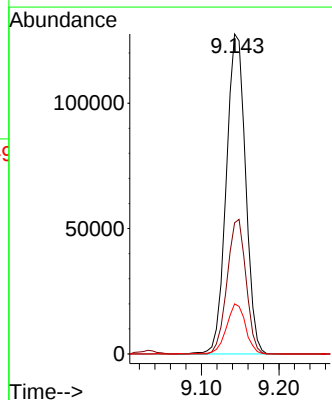
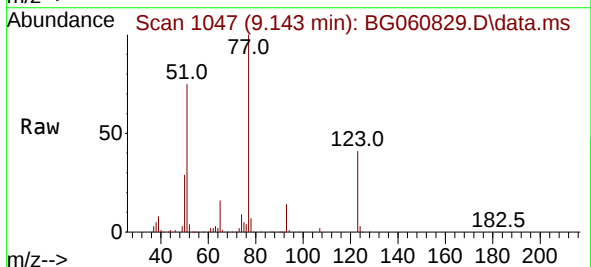
Instrument :
BNA_G
ClientSampleId :
PB160030BS

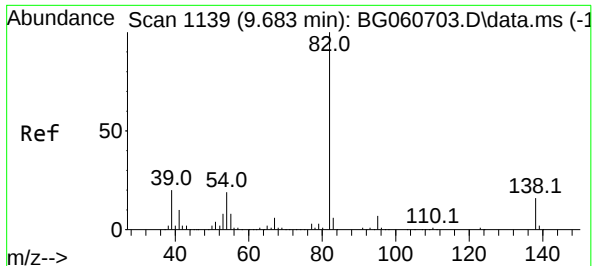
Tgt Ion: 82 Resp: 428499
Ion Ratio Lower Upper
82 100
128 38.1 31.2 46.8
54 71.0 53.2 79.8



#24
Nitrobenzene
Concen: 48.061 ng
RT: 9.143 min Scan# 1047
Delta R.T. -0.011 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

Tgt Ion: 77 Resp: 220903
Ion Ratio Lower Upper
77 100
123 41.0 32.7 49.1
65 15.7 11.3 16.9

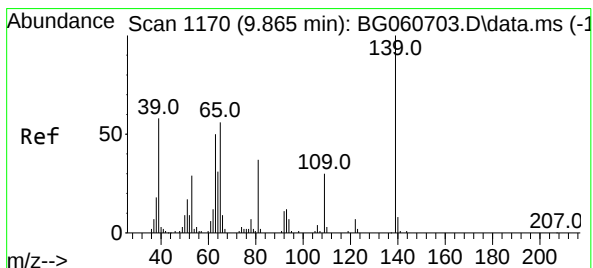
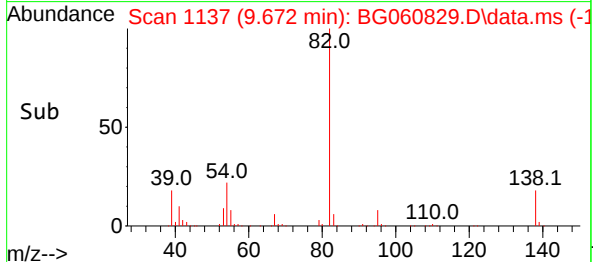
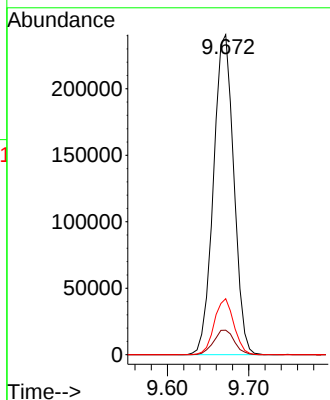
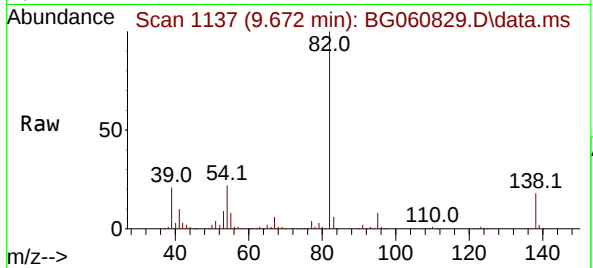




#25
Isophorone
Concen: 44.039 ng
RT: 9.672 min Scan# 1139
Delta R.T. -0.011 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

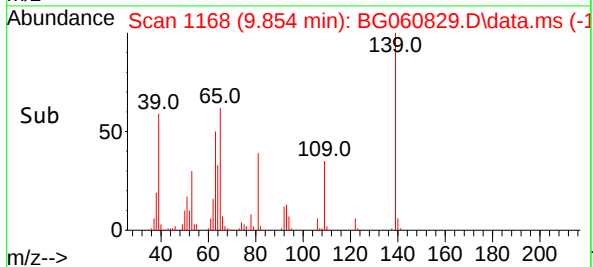
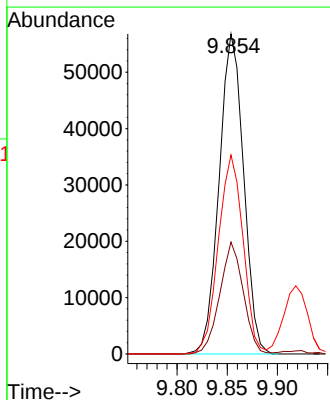
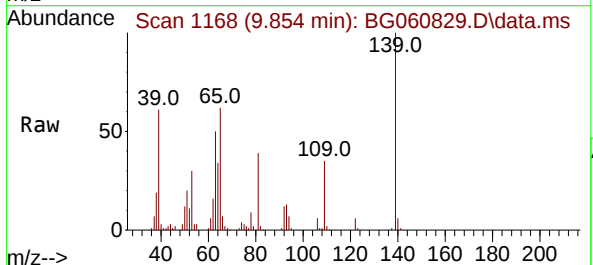
Instrument :
BNA_G
ClientSampleId :
PB160030BS

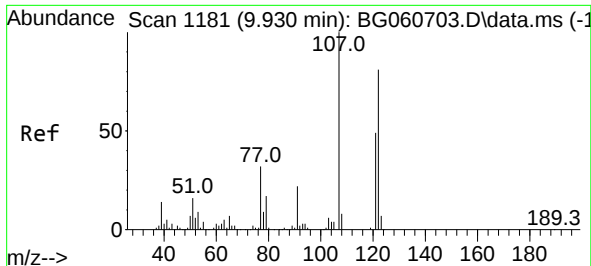
Tgt Ion: 82 Resp: 418804
Ion Ratio Lower Upper
82 100
95 7.6 5.8 8.8
138 17.5 13.0 19.4



#26
2-Nitrophenol
Concen: 57.402 ng
RT: 9.854 min Scan# 1168
Delta R.T. -0.011 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

Tgt Ion: 139 Resp: 96107
Ion Ratio Lower Upper
139 100
109 35.0 23.9 35.9
65 62.1 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 41.935 ng

RT: 9.918 min Scan# 1181

Delta R.T. -0.012 min

Lab File: BG060829.D

Acq: 8 Apr 2024 17:12

Instrument :

BNA_G

ClientSampleId :

PB160030BS

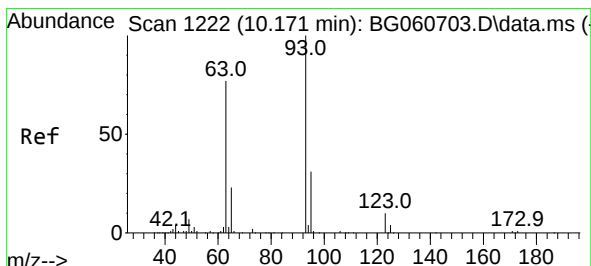
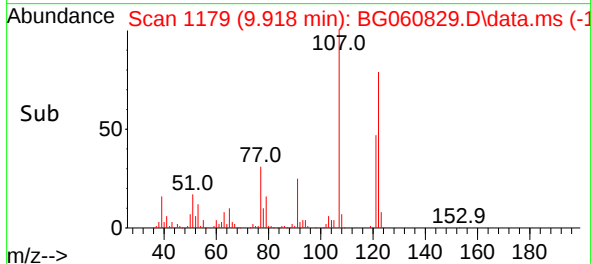
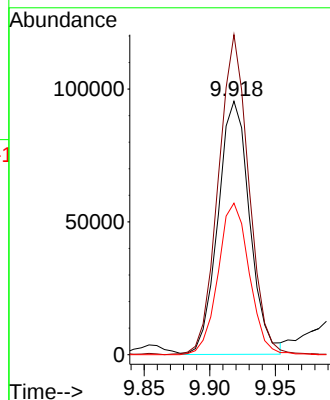
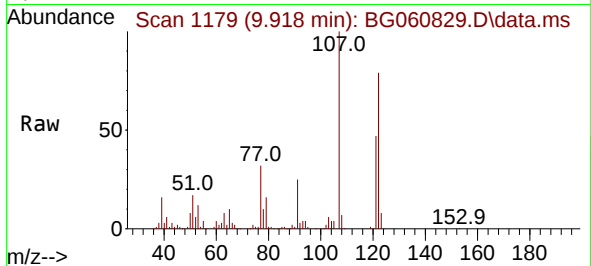
Tgt Ion:122 Resp: 160196

Ion Ratio Lower Upper

122 100

107 126.2 98.6 147.8

121 59.8 48.1 72.1



#28

bis(2-Chloroethoxy)methane

Concen: 44.152 ng

RT: 10.153 min Scan# 1219

Delta R.T. -0.017 min

Lab File: BG060829.D

Acq: 8 Apr 2024 17:12

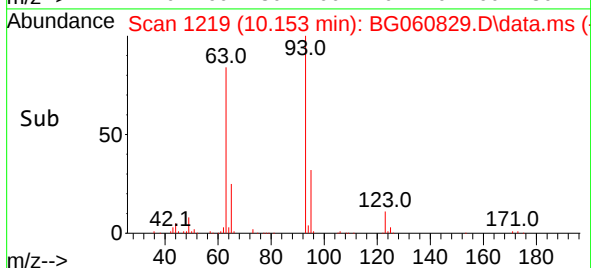
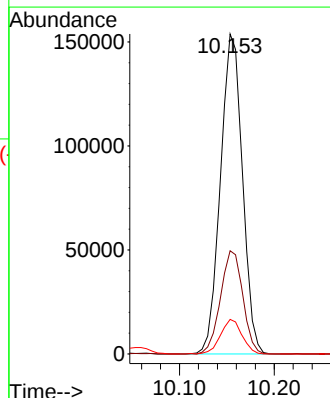
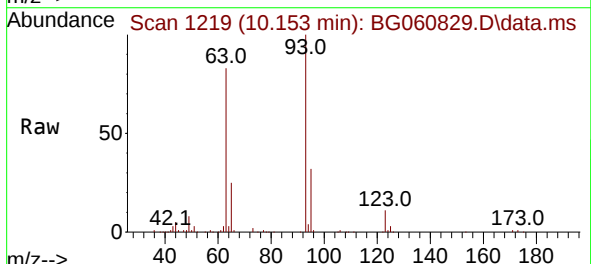
Tgt Ion: 93 Resp: 247891

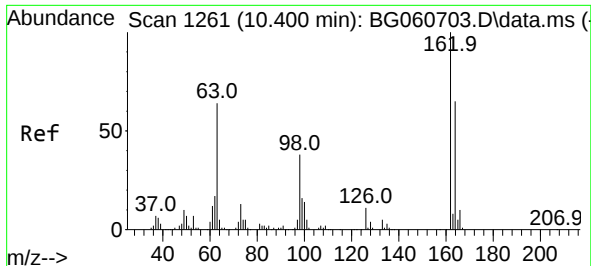
Ion Ratio Lower Upper

93 100

95 32.2 25.1 37.7

123 10.8 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 55.554 ng

RT: 10.394 min Scan# 1260

Delta R.T. -0.006 min

Lab File: BG060829.D

Acq: 8 Apr 2024 17:12

Instrument :

BNA_G

ClientSampleId :

PB160030BS

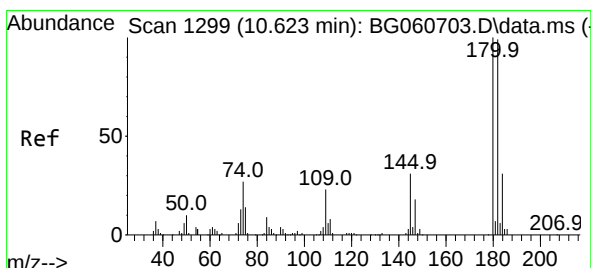
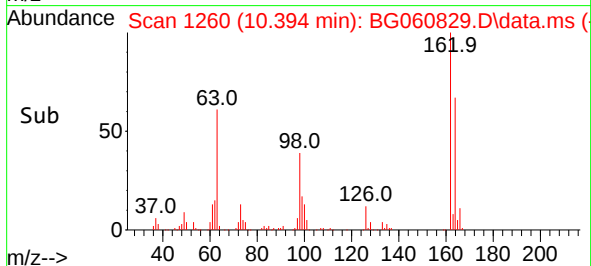
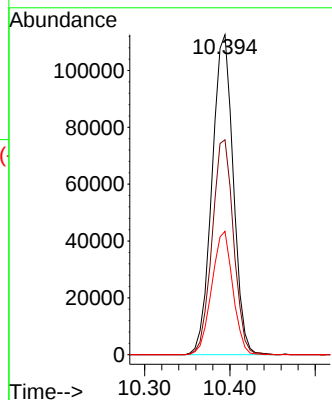
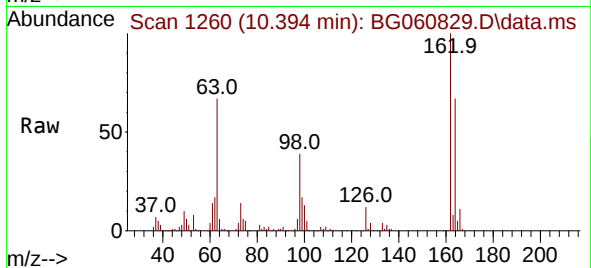
Tgt Ion:162 Resp: 194884

Ion Ratio Lower Upper

162 100

164 67.1 45.2 85.2

98 38.6 17.7 57.7



#30

1,2,4-Trichlorobenzene

Concen: 49.307 ng

RT: 10.606 min Scan# 1296

Delta R.T. -0.017 min

Lab File: BG060829.D

Acq: 8 Apr 2024 17:12

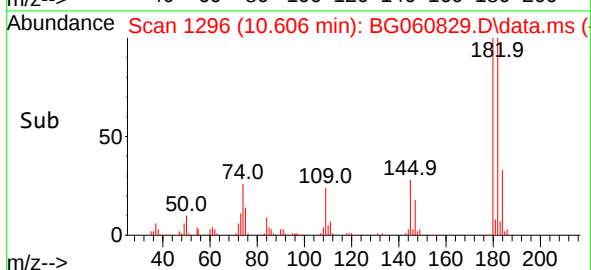
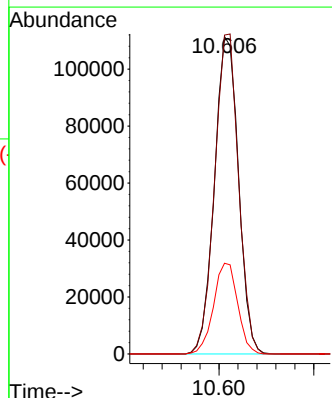
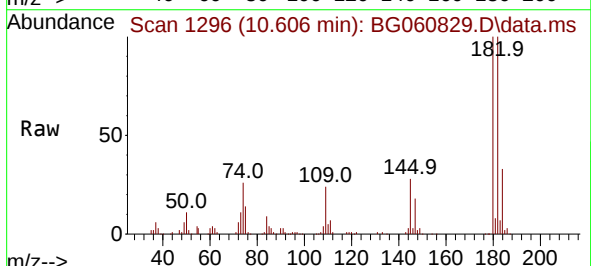
Tgt Ion:180 Resp: 195859

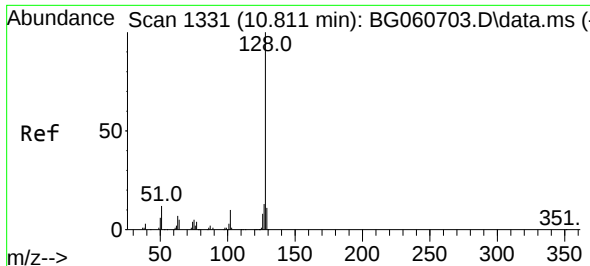
Ion Ratio Lower Upper

180 100

182 100.4 79.0 118.4

145 28.6 24.9 37.3

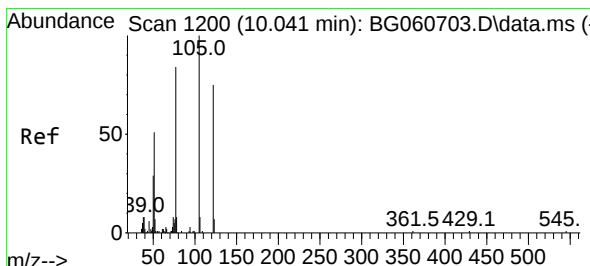
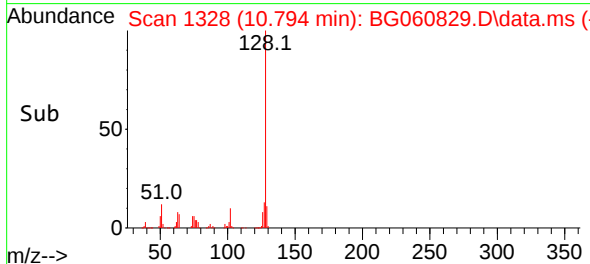
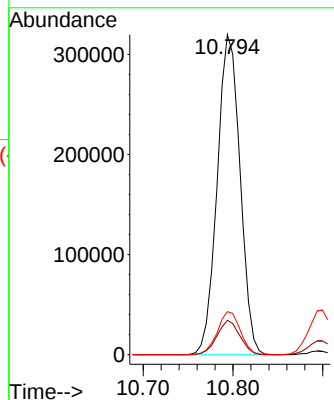
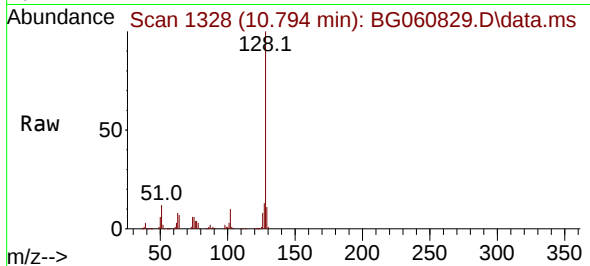




#31
Naphthalene
Concen: 44.364 ng
RT: 10.794 min Scan# 11
Delta R.T. -0.017 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

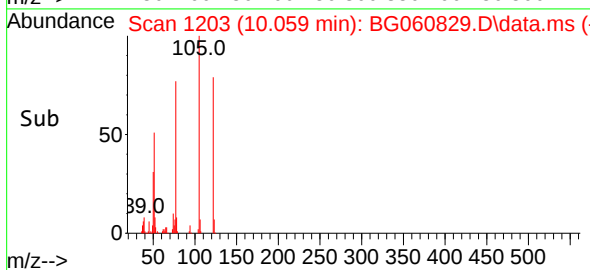
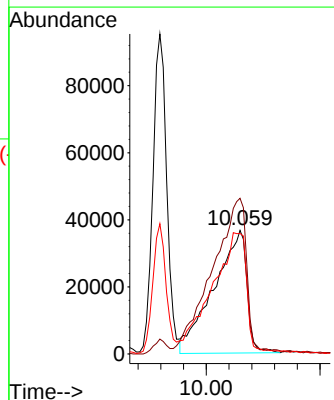
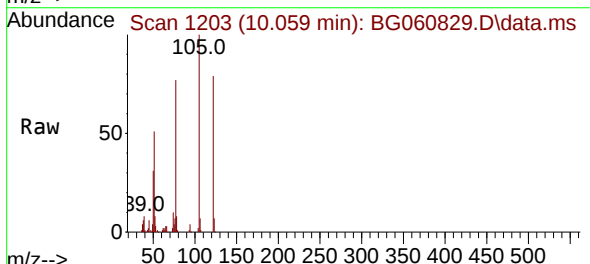
Instrument :
BNA_G
ClientSampleId :
PB160030BS

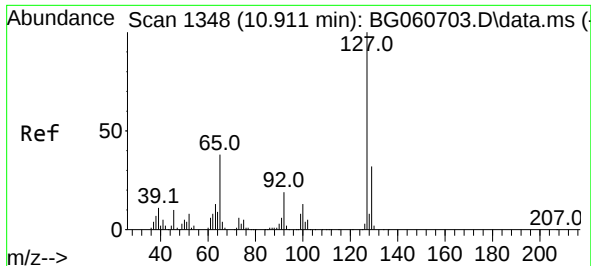
Tgt Ion:128 Resp: 565400
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.5 10.5 15.7



#32
Benzoic acid
Concen: 56.337 ng
RT: 10.059 min Scan# 1203
Delta R.T. 0.018 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

Tgt Ion:122 Resp: 146709
Ion Ratio Lower Upper
122 100
105 126.0 104.5 144.5
77 97.5 85.3 125.3

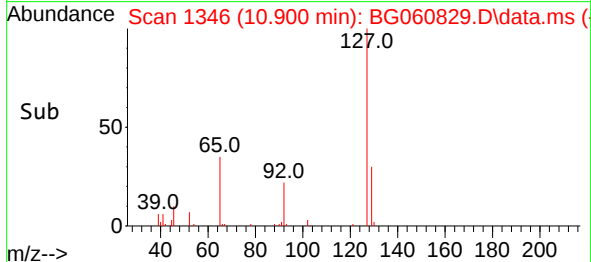
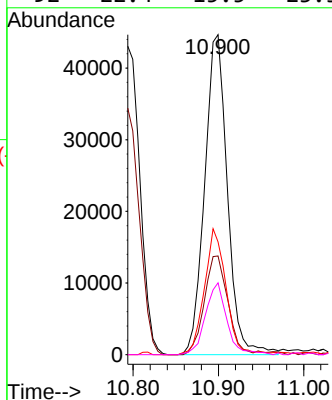
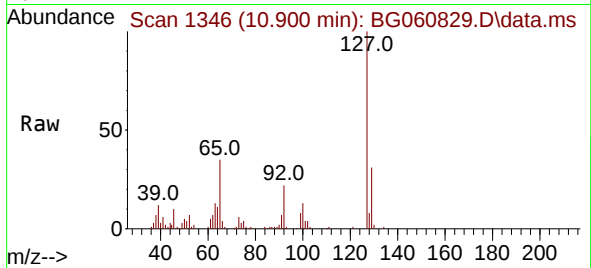




#33
4-Chloroaniline
Concen: 13.989 ng
RT: 10.900 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

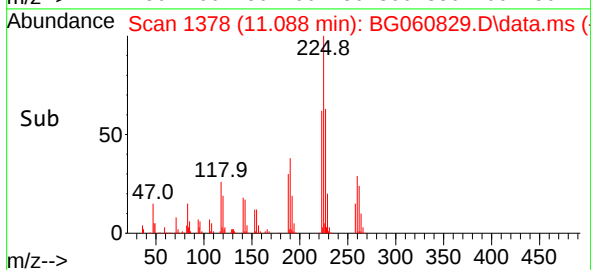
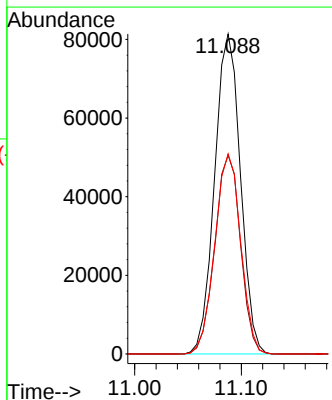
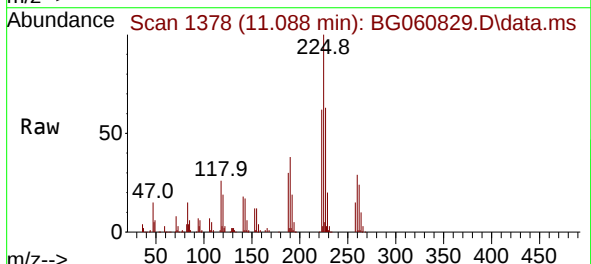
Instrument :
BNA_G
ClientSampleId :
PB160030BS

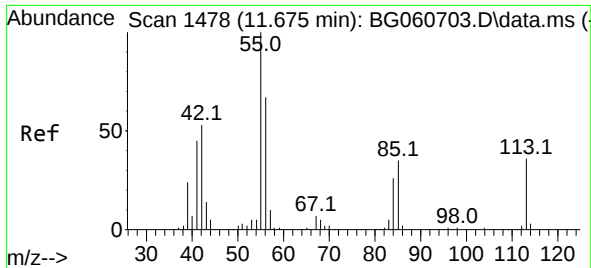
Tgt Ion:127	Resp:	82810	
Ion	Ratio	Lower	Upper
127	100		
129	30.8	25.3	37.9
65	35.2	30.2	45.2
92	22.4	15.5	23.3



#34
Hexachlorobutadiene
Concen: 51.634 ng
RT: 11.088 min Scan# 1378
Delta R.T. -0.017 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

Tgt	Ion:225	Resp:	136693
Ion	Ratio	Lower	Upper
225	100		
223	62.1	52.0	78.0
227	62.6	52.5	78.7

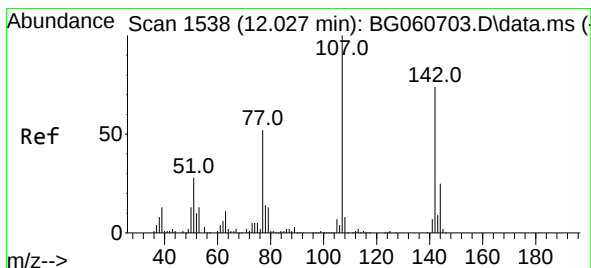
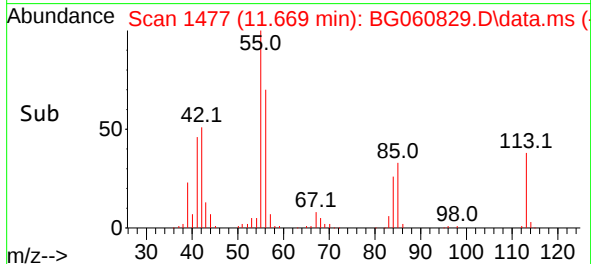
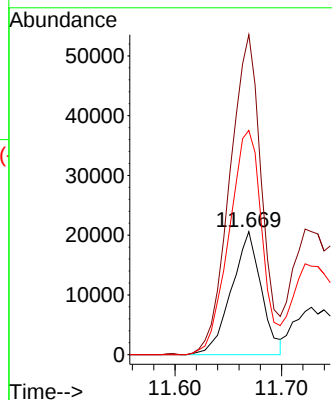
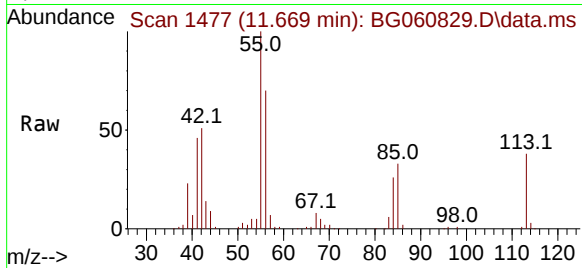




#35
 Caprolactam
 Concen: 28.859 ng
 RT: 11.669 min Scan# 1477
 Delta R.T. -0.006 min
 Lab File: BG060829.D
 Acq: 8 Apr 2024 17:12

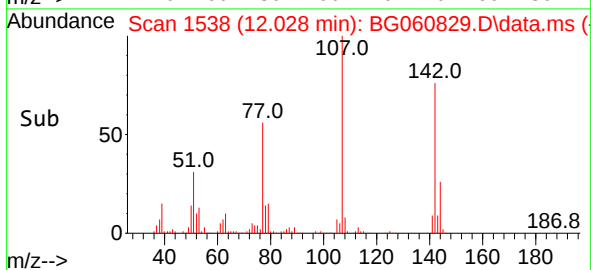
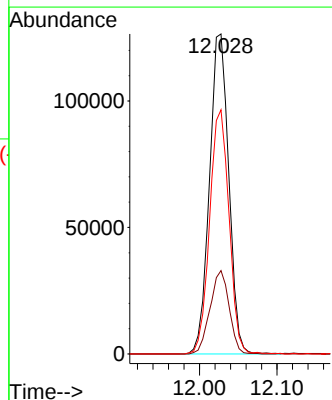
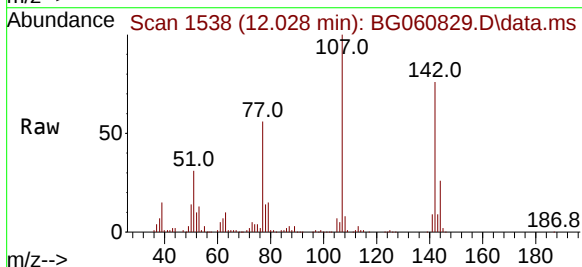
Instrument :
 BNA_G
 ClientSampleId :
 PB160030BS

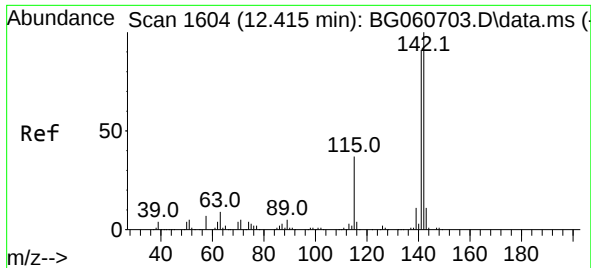
Tgt Ion:113 Resp: 40097
 Ion Ratio Lower Upper
 113 100
 55 260.0 258.0 298.0
 56 182.2 166.3 206.3



#36
 4-Chloro-3-methylphenol
 Concen: 48.791 ng
 RT: 12.028 min Scan# 1538
 Delta R.T. 0.000 min
 Lab File: BG060829.D
 Acq: 8 Apr 2024 17:12

Tgt Ion:107 Resp: 218648
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.0 30.0
 142 76.3 59.2 88.8





#37

2-Methylnaphthalene

Concen: 43.191 ng

RT: 12.404 min Scan# 1

Delta R.T. -0.011 min

Lab File: BG060829.D

Acq: 8 Apr 2024 17:12

Instrument :

BNA_G

ClientSampleId :

PB160030BS

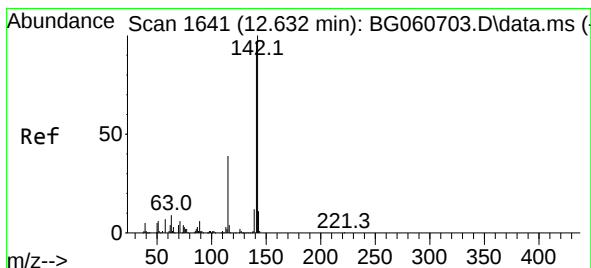
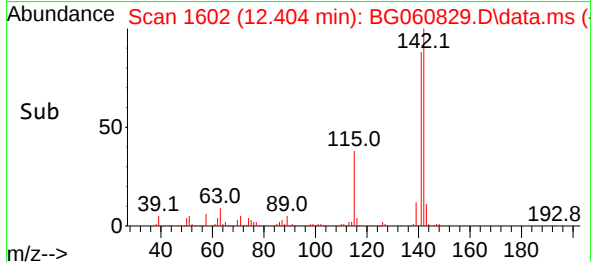
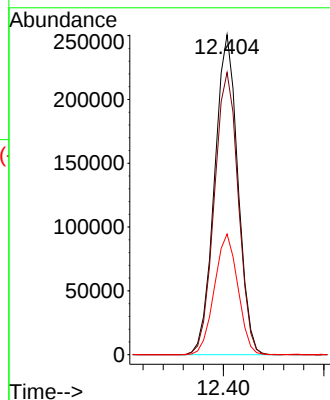
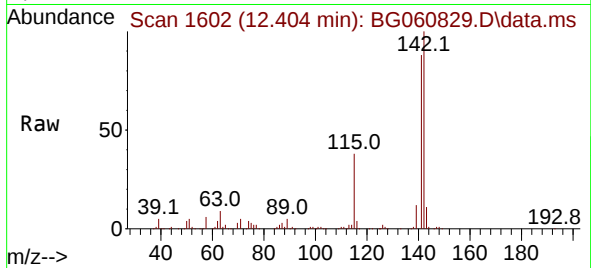
Tgt Ion:142 Resp: 404693

Ion Ratio Lower Upper

142 100

141 88.2 72.7 109.1

115 37.7 29.9 44.9



#38

1-Methylnaphthalene

Concen: 43.920 ng

RT: 12.621 min Scan# 1639

Delta R.T. -0.011 min

Lab File: BG060829.D

Acq: 8 Apr 2024 17:12

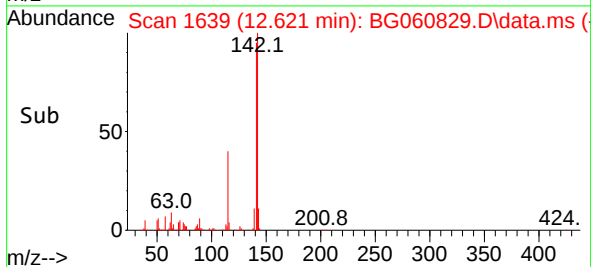
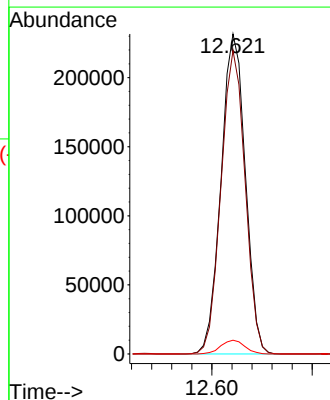
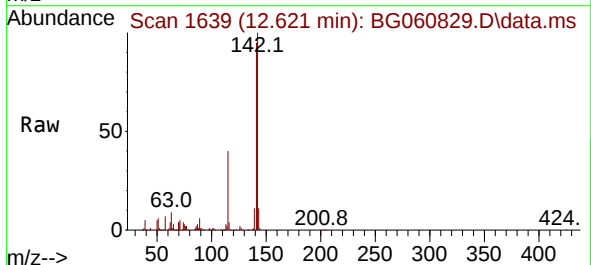
Tgt Ion:142 Resp: 388761

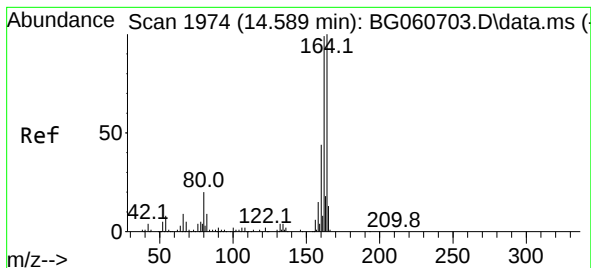
Ion Ratio Lower Upper

142 100

141 94.8 77.7 116.5

116 4.3 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: BG060829.D

Acq: 8 Apr 2024 17:12

Instrument :

BNA_G

ClientSampleId :

PB160030BS

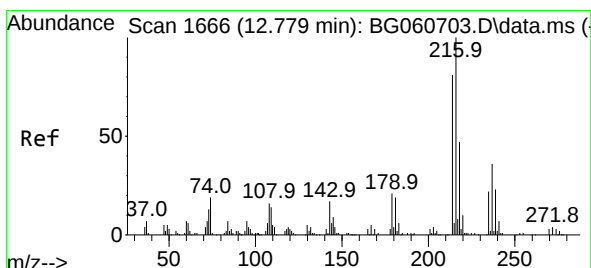
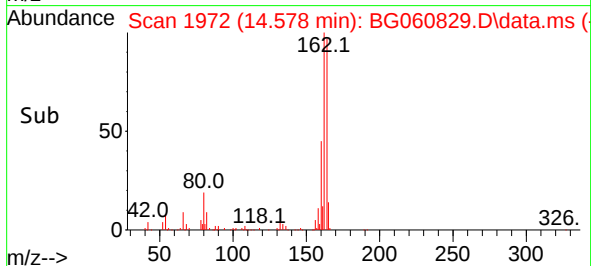
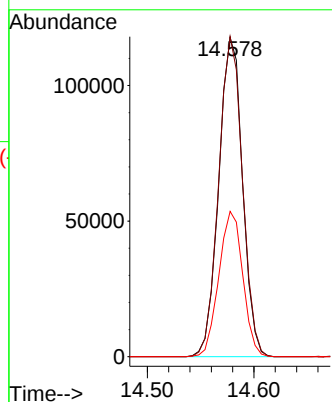
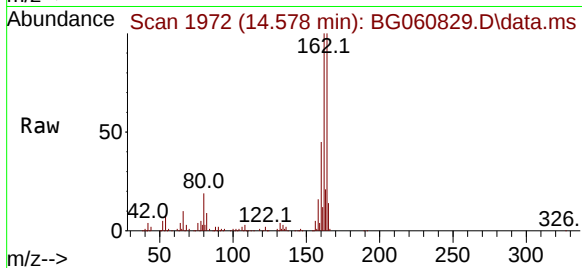
Tgt Ion:164 Resp: 181851

Ion Ratio Lower Upper

164 100

162 100.3 79.5 119.3

160 45.5 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.087 ng

RT: 12.768 min Scan# 1664

Delta R.T. -0.011 min

Lab File: BG060829.D

Acq: 8 Apr 2024 17:12

Tgt Ion:216 Resp: 261854

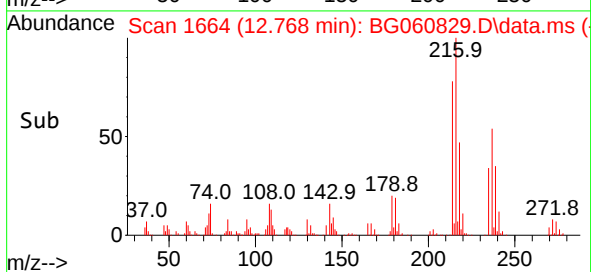
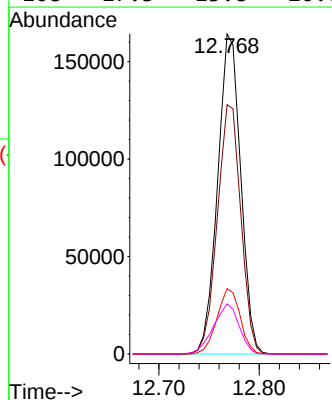
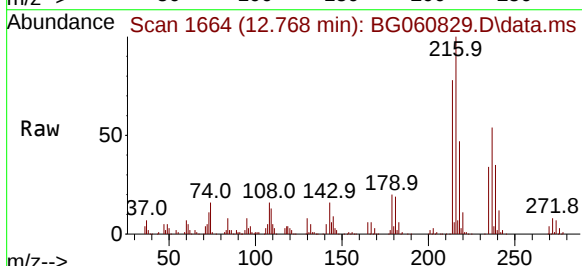
Ion Ratio Lower Upper

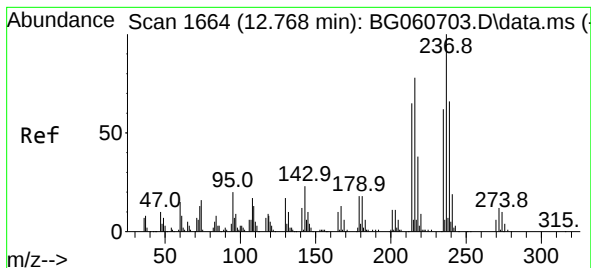
216 100

214 79.2 63.1 94.7

179 20.5 16.7 25.1

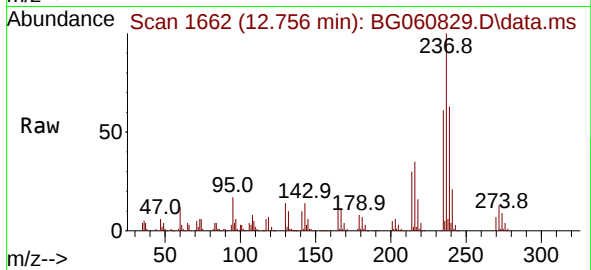
108 17.3 13.8 20.6



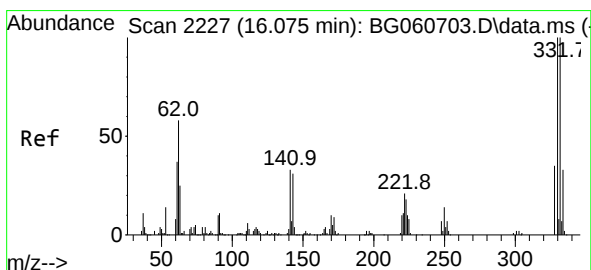
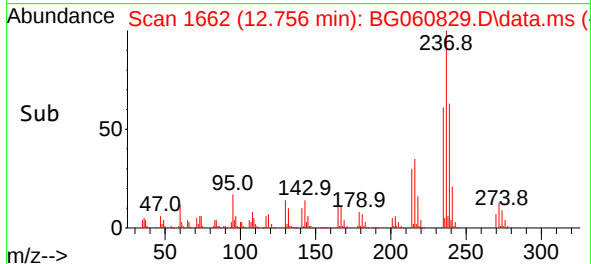
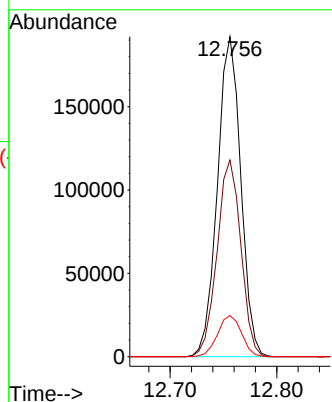


#41
Hexachlorocyclopentadiene
Concen: 109.842 ng
RT: 12.756 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

Instrument :
BNA_G
ClientSampleId :
PB160030BS

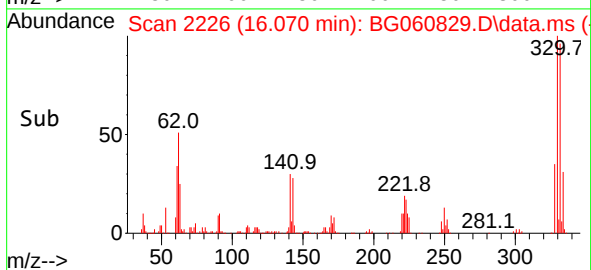
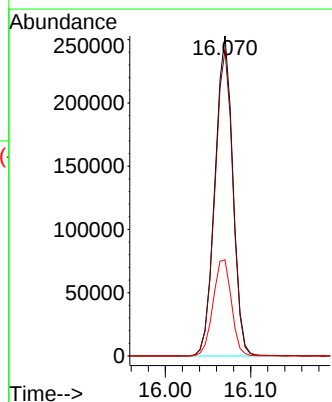
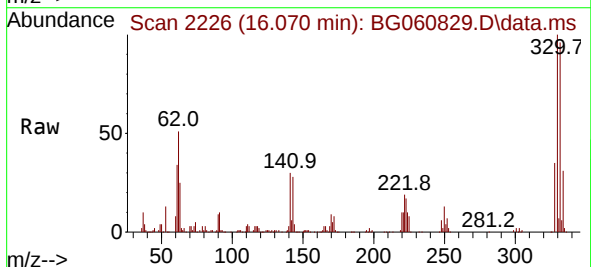


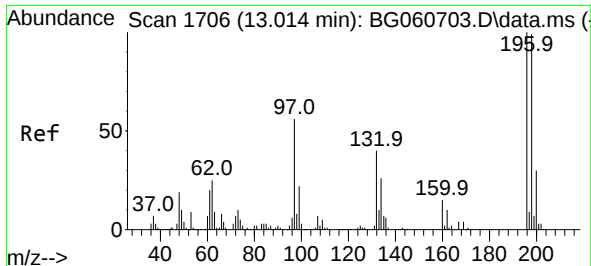
Tgt Ion:237 Resp: 291996
Ion Ratio Lower Upper
237 100
235 61.5 42.0 82.0
272 12.8 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 178.075 ng
RT: 16.070 min Scan# 2226
Delta R.T. -0.006 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

Tgt Ion:330 Resp: 367600
Ion Ratio Lower Upper
330 100
332 96.2 78.2 117.4
141 31.0 27.0 40.6

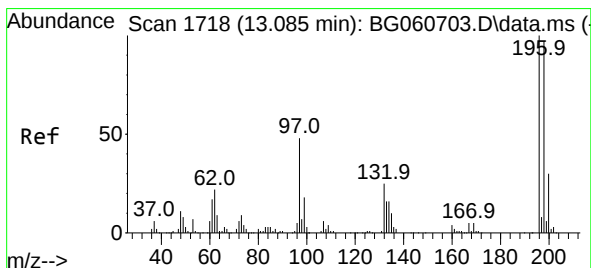
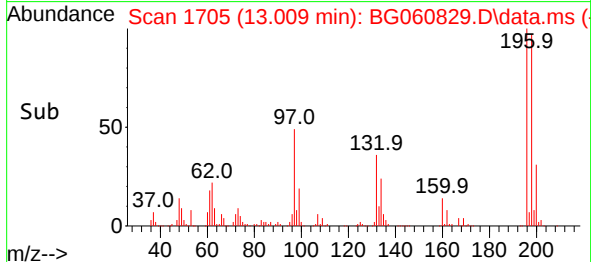
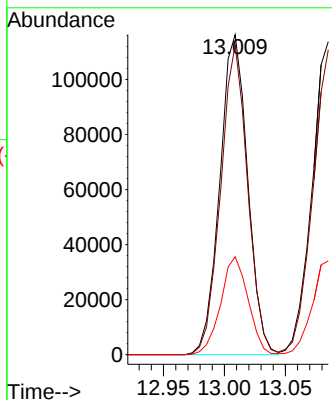
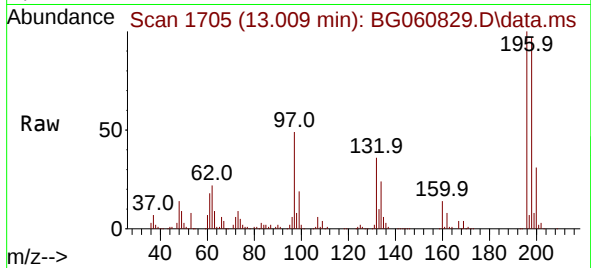




#43
2,4,6-Trichlorophenol
Concen: 54.838 ng
RT: 13.009 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

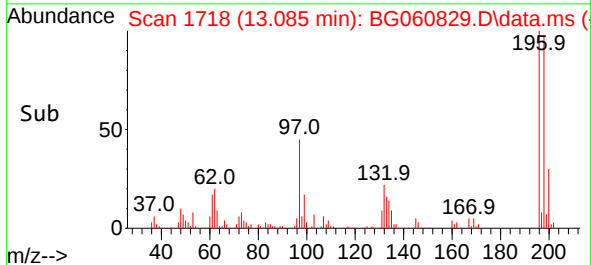
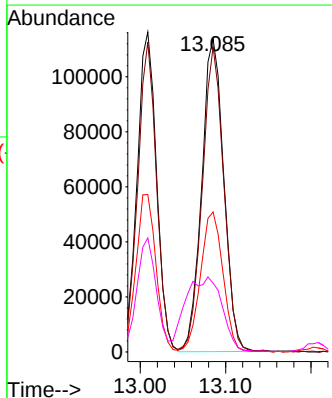
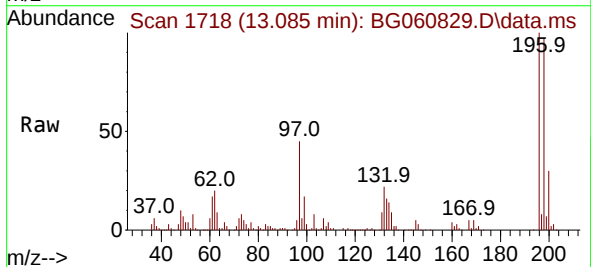
Instrument :
BNA_G
ClientSampleId :
PB160030BS

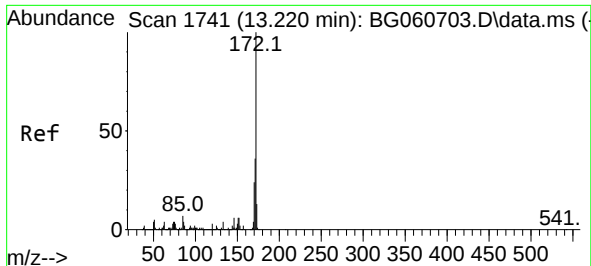
Tgt Ion:196 Resp: 184606
Ion Ratio Lower Upper
196 100
198 96.8 79.1 118.7
200 30.6 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 50.993 ng
RT: 13.085 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

Tgt Ion:196 Resp: 204858
Ion Ratio Lower Upper
196 100
198 97.4 77.8 116.8
97 44.7 38.2 57.4
132 22.0 20.3 30.5

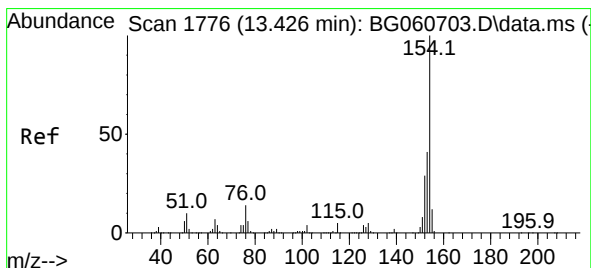
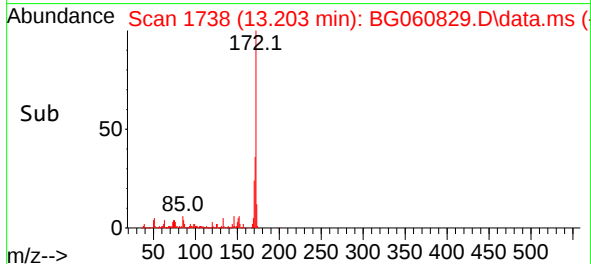
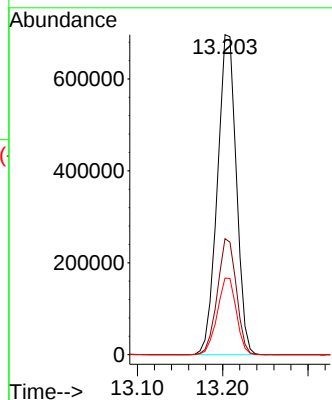
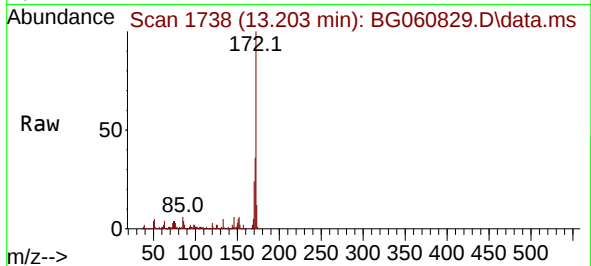




#45
2-Fluorobiphenyl
Concen: 86.881 ng
RT: 13.203 min Scan# 1738
Delta R.T. -0.017 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

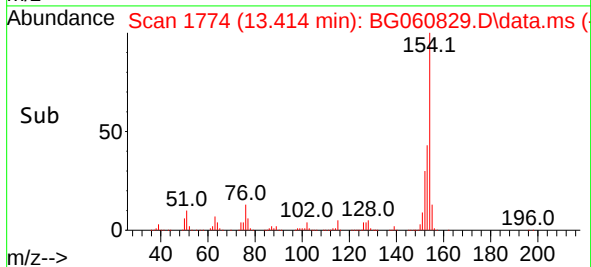
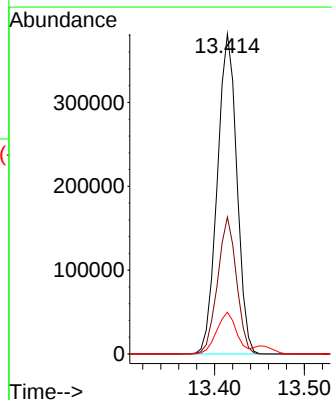
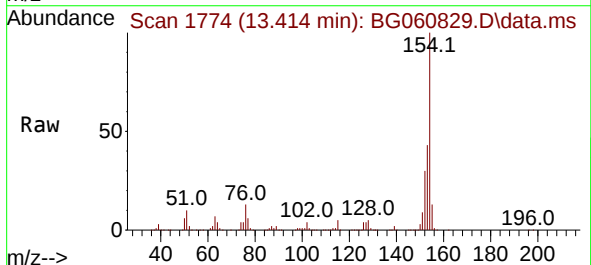
Instrument :
BNA_G
ClientSampleId :
PB160030BS

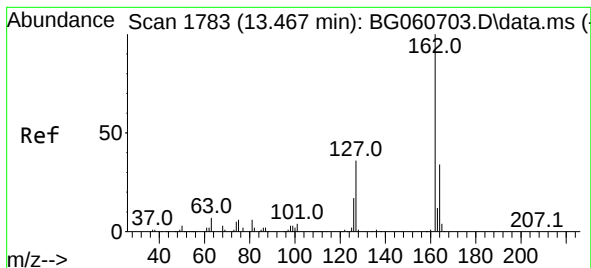
Tgt Ion:172 Resp: 1076531
Ion Ratio Lower Upper
172 100
171 36.2 28.7 43.1
170 24.0 19.4 29.0



#46
1,1'-Biphenyl
Concen: 44.846 ng
RT: 13.414 min Scan# 1774
Delta R.T. -0.011 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

Tgt Ion:154 Resp: 576041
Ion Ratio Lower Upper
154 100
153 42.8 20.8 60.8
76 13.0 0.0 33.9





#47

2-Chloronaphthalene

Concen: 46.936 ng

RT: 13.455 min Scan# 11

Delta R.T. -0.011 min

Lab File: BG060829.D

Acq: 8 Apr 2024 17:12

Instrument :

BNA_G

ClientSampleId :

PB160030BS

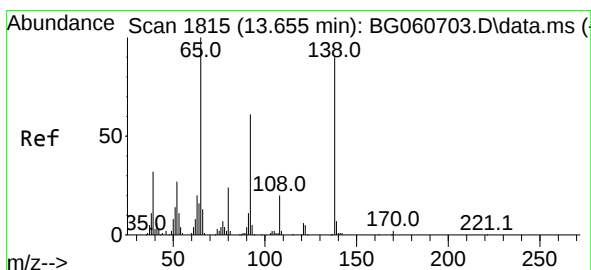
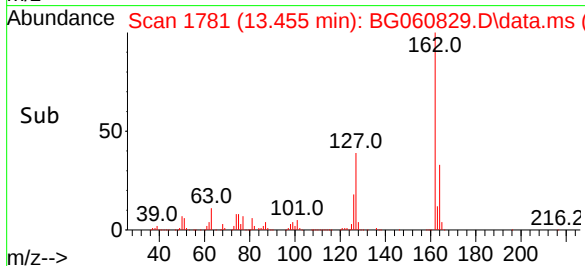
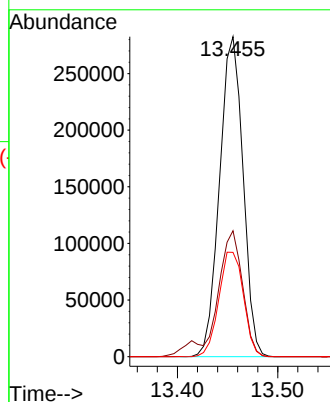
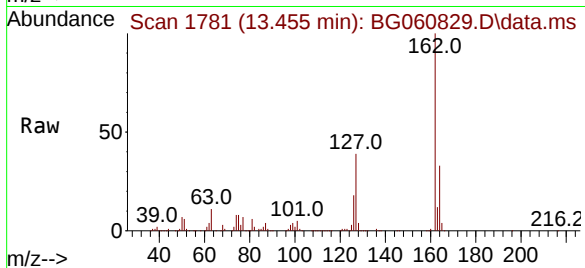
Tgt Ion:162 Resp: 458053

Ion Ratio Lower Upper

162 100

127 39.3 30.6 46.0

164 32.6 26.9 40.3



#48

2-Nitroaniline

Concen: 53.038 ng

RT: 13.649 min Scan# 1814

Delta R.T. -0.006 min

Lab File: BG060829.D

Acq: 8 Apr 2024 17:12

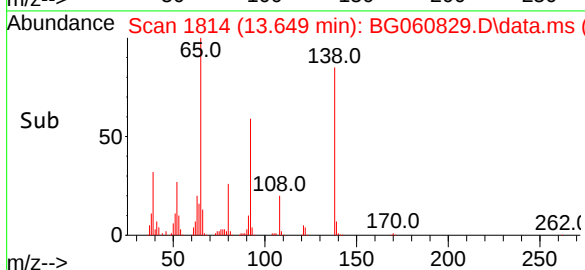
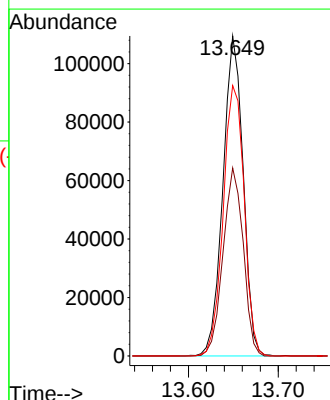
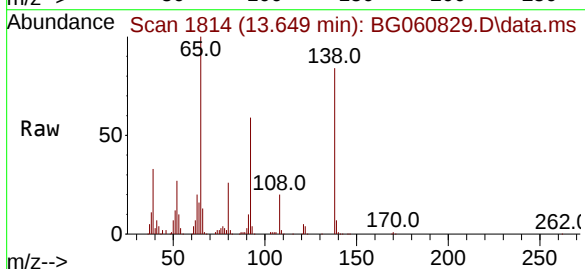
Tgt Ion: 65 Resp: 170855

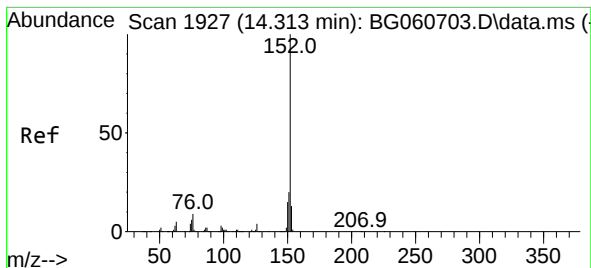
Ion Ratio Lower Upper

65 100

92 58.7 48.6 72.8

138 84.5 72.2 108.4





#49

Acenaphthylene

Concen: 47.836 ng

RT: 14.301 min Scan# 1927

Delta R.T. -0.012 min

Lab File: BG060829.D

Acq: 8 Apr 2024 17:12

Instrument :

BNA_G

ClientSampleId :

PB160030BS

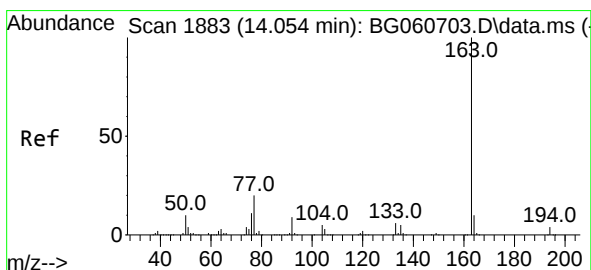
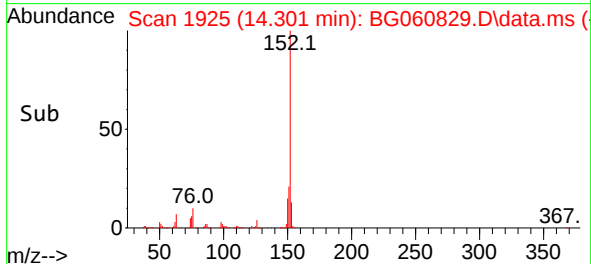
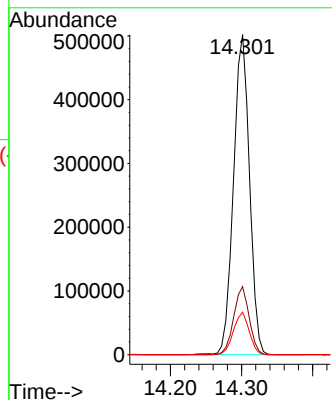
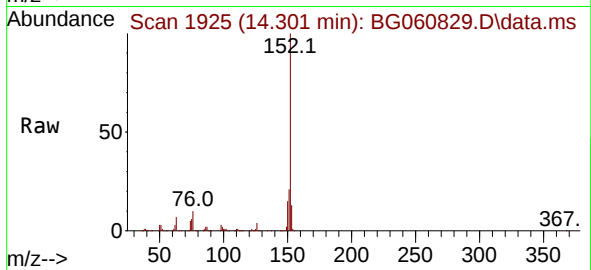
Tgt Ion:152 Resp: 784403

Ion Ratio Lower Upper

152 100

151 21.2 16.4 24.6

153 13.3 10.5 15.7



#50

Dimethylphthalate

Concen: 45.195 ng

RT: 14.037 min Scan# 1880

Delta R.T. -0.017 min

Lab File: BG060829.D

Acq: 8 Apr 2024 17:12

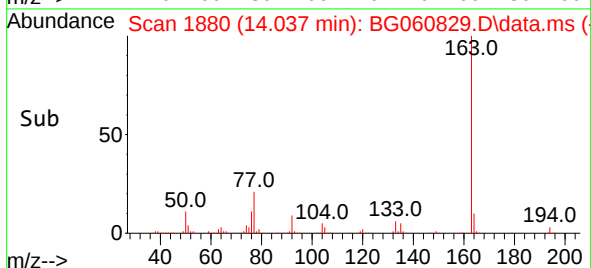
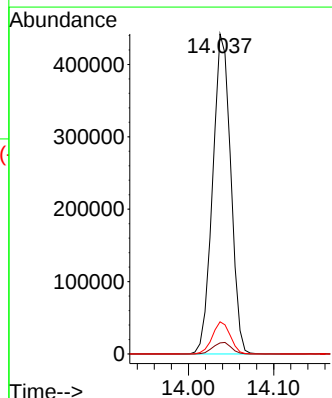
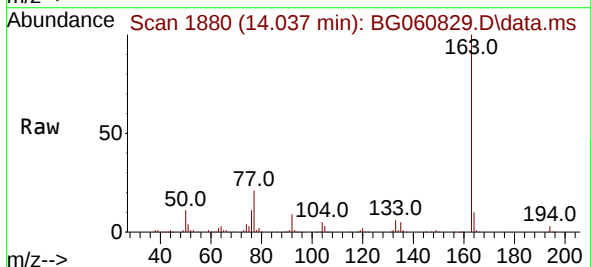
Tgt Ion:163 Resp: 649611

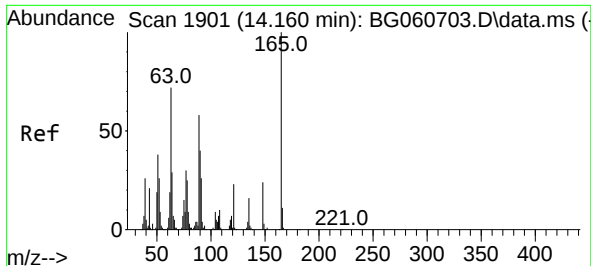
Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.6

164 10.1 7.9 11.9

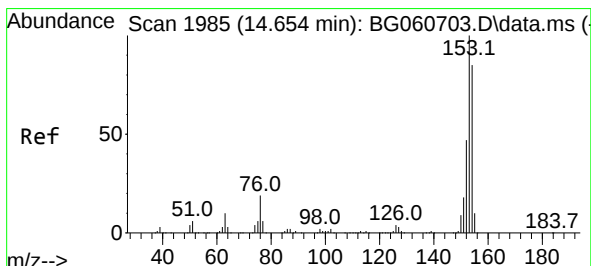
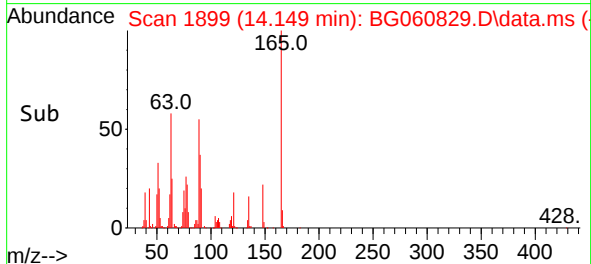
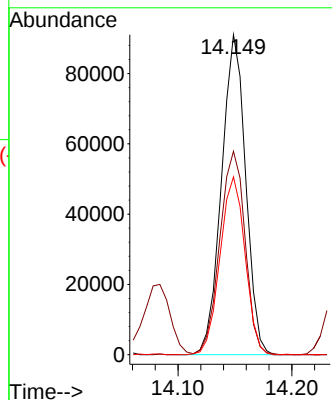
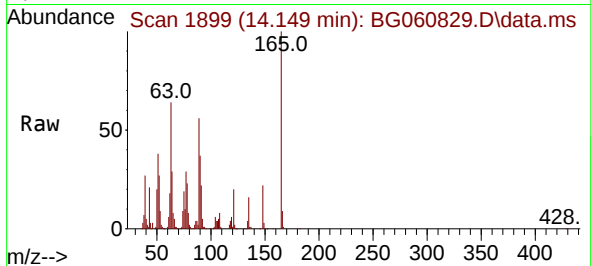




#51
2,6-Dinitrotoluene
Concen: 51.852 ng
RT: 14.149 min Scan# 1899
Delta R.T. -0.011 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

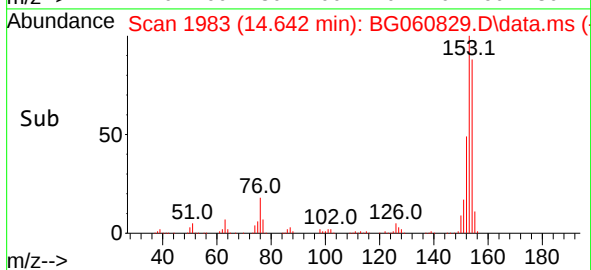
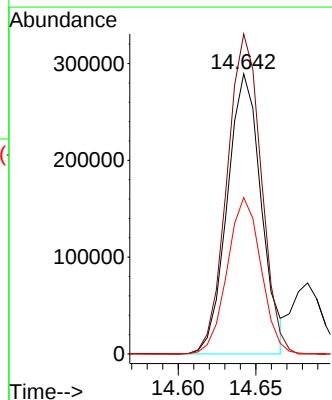
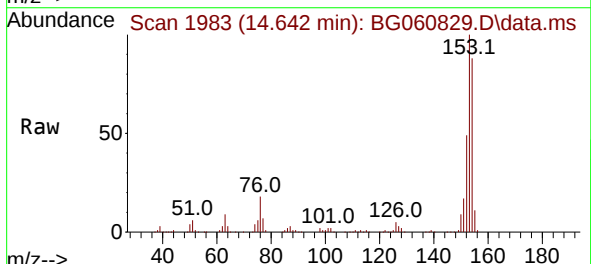
Instrument :
BNA_G
ClientSampleId :
PB160030BS

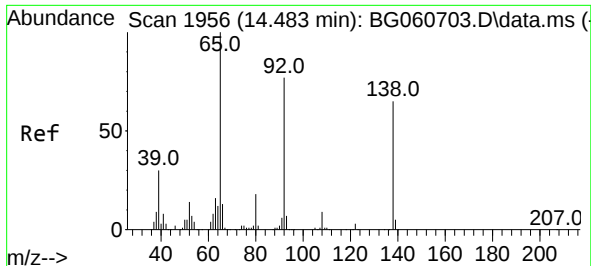
Tgt Ion:165 Resp: 134221
Ion Ratio Lower Upper
165 100
63 63.6 58.2 87.4
89 55.5 46.1 69.1



#52
Acenaphthene
Concen: 42.781 ng
RT: 14.642 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

Tgt Ion:154 Resp: 440448
Ion Ratio Lower Upper
154 100
153 114.2 93.9 140.9
152 55.8 44.1 66.1

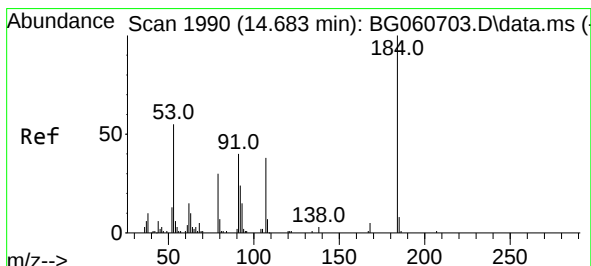
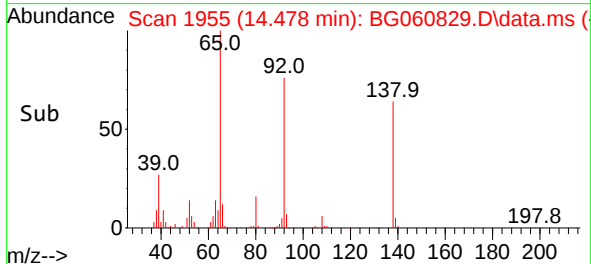
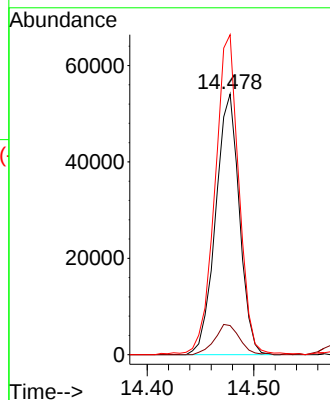
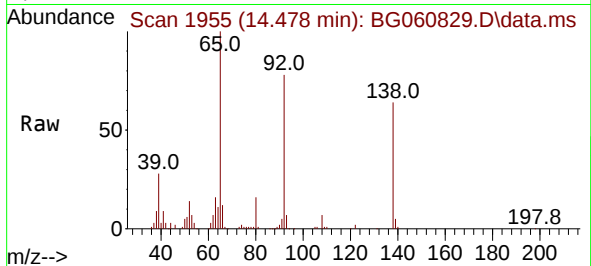




#53
3-Nitroaniline
Concen: 30.615 ng
RT: 14.478 min Scan# 1955
Delta R.T. -0.005 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

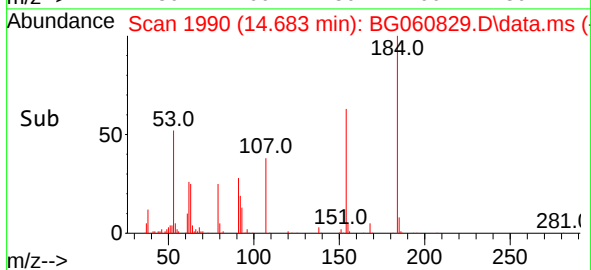
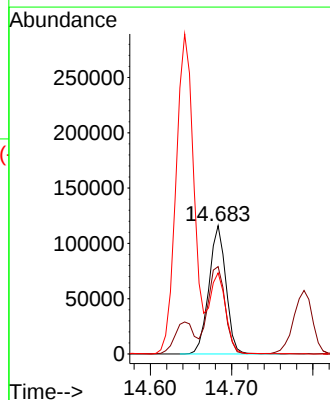
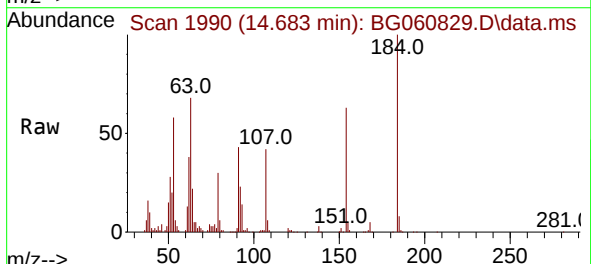
Instrument :
BNA_G
ClientSampleId :
PB160030BS

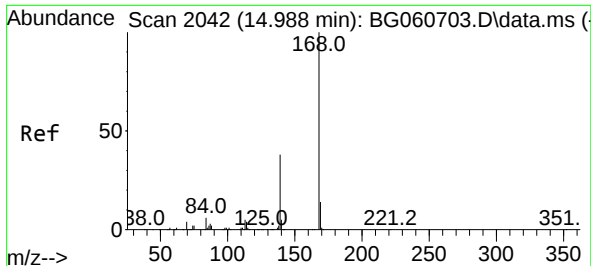
Tgt Ion:138 Resp: 83332
Ion Ratio Lower Upper
138 100
108 11.2 11.3 16.9#
92 122.8 94.1 141.1



#54
2,4-Dinitrophenol
Concen: 168.378 ng
RT: 14.683 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

Tgt Ion:184 Resp: 168461
Ion Ratio Lower Upper
184 100
63 68.1 51.3 76.9
154 63.2 59.9 89.9

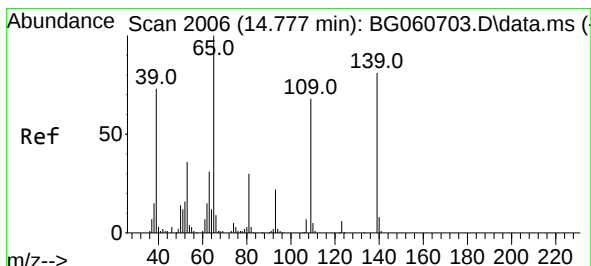
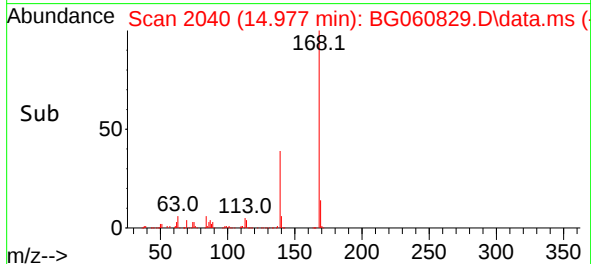
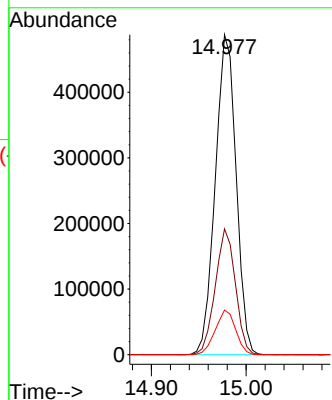
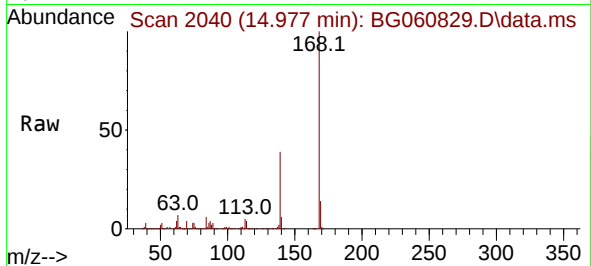




#55
Dibenzofuran
Concen: 45.798 ng
RT: 14.977 min Scan# 20
Delta R.T. -0.011 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

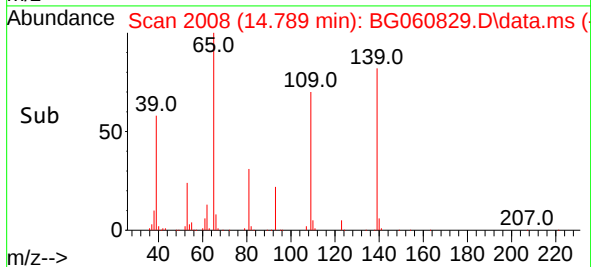
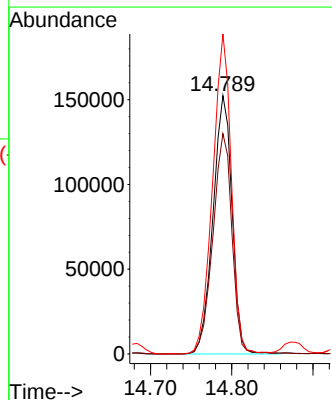
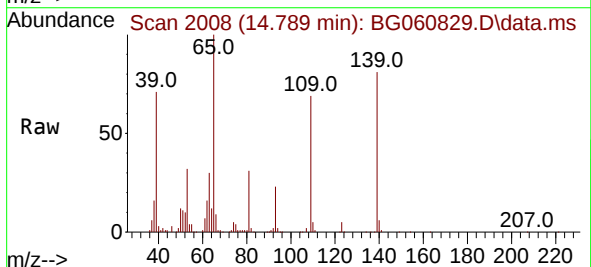
Instrument :
BNA_G
ClientSampleId :
PB160030BS

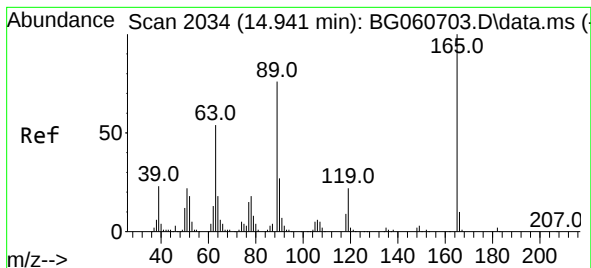
Tgt Ion:168 Resp: 743740
Ion Ratio Lower Upper
168 100
139 39.3 30.1 45.1
169 14.0 11.0 16.4



#56
4-Nitrophenol
Concen: 118.134 ng
RT: 14.789 min Scan# 2008
Delta R.T. 0.012 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

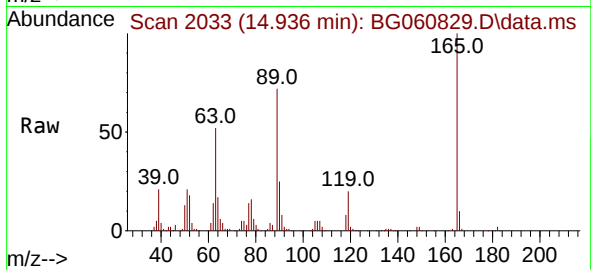
Tgt Ion:139 Resp: 248231
Ion Ratio Lower Upper
139 100
109 85.3 64.0 104.0
65 123.8 104.3 144.3



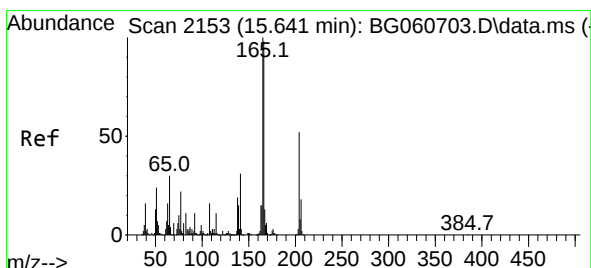
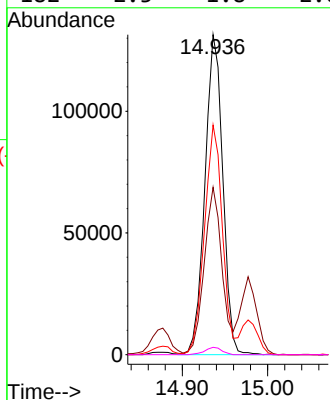
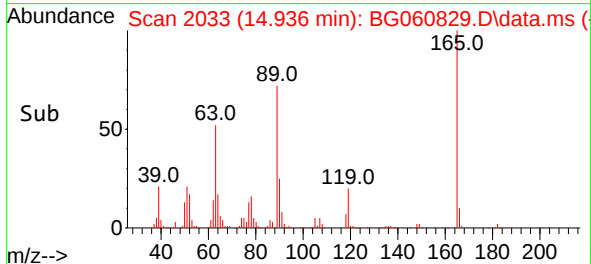


#57
2,4-Dinitrotoluene
Concen: 56.045 ng
RT: 14.936 min Scan# 2033
Delta R.T. -0.005 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

Instrument :
BNA_G
ClientSampleId :
PB160030BS

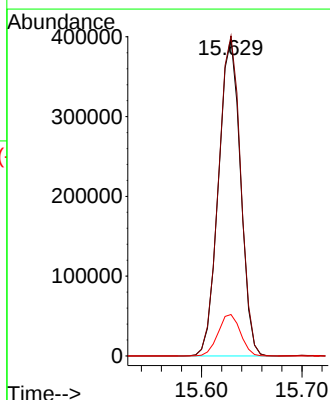
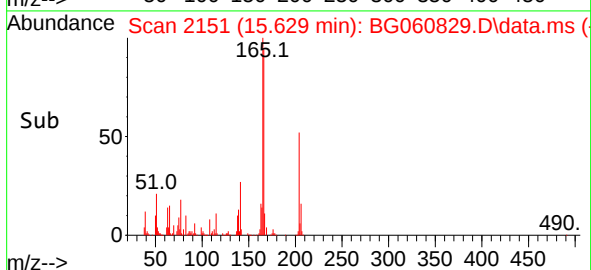
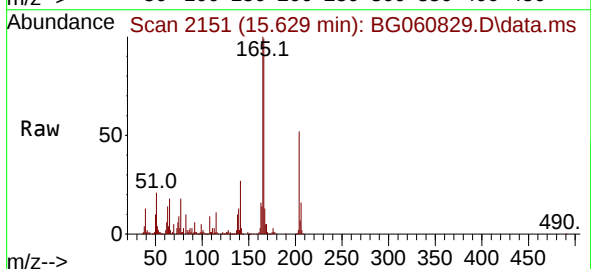


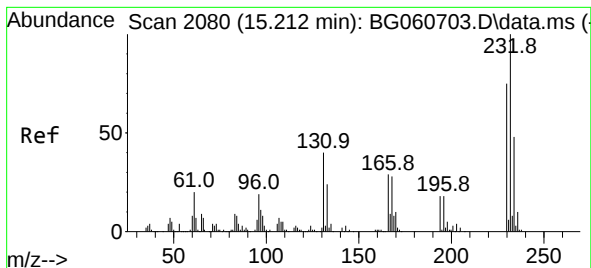
Tgt Ion:	165	Resp:	191120
Ion	Ratio	Lower	Upper
165	100		
63	52.3	43.4	65.0
89	71.8	61.0	91.6
182	2.3	1.8	2.6



#58
Fluorene
Concen: 46.240 ng
RT: 15.629 min Scan# 2151
Delta R.T. -0.011 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

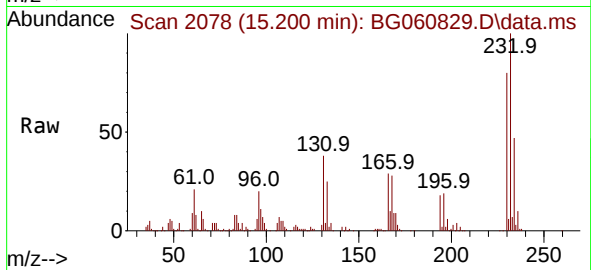
Tgt Ion:	166	Resp:	602665
Ion	Ratio	Lower	Upper
166	100		
165	101.0	81.8	122.8
167	13.1	10.9	16.3



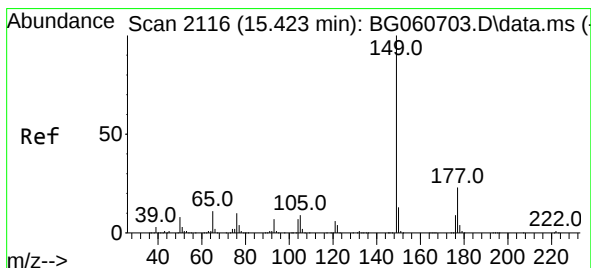
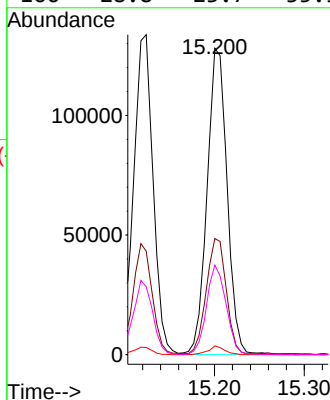
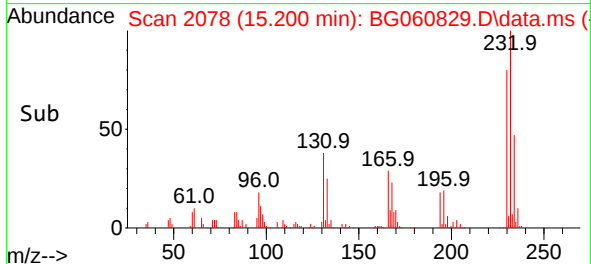


#59
2,3,4,6-Tetrachlorophenol
Concen: 56.475 ng
RT: 15.200 min Scan# 2080
Delta R.T. -0.012 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

Instrument :
BNA_G
ClientSampleId :
PB160030BS

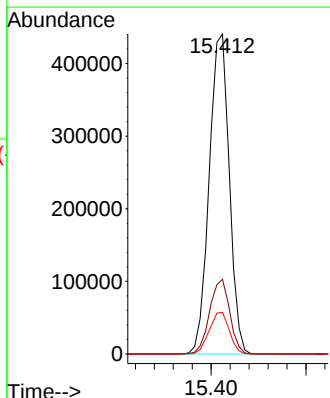
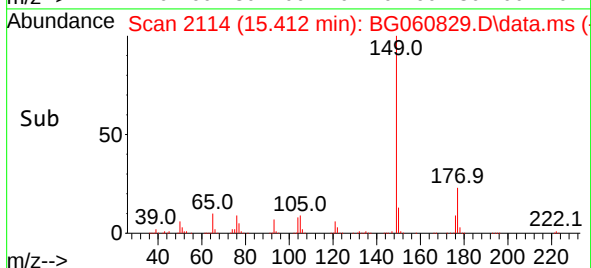
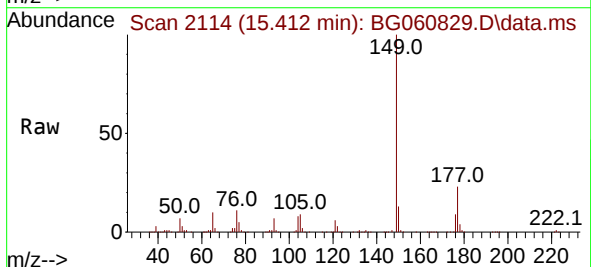


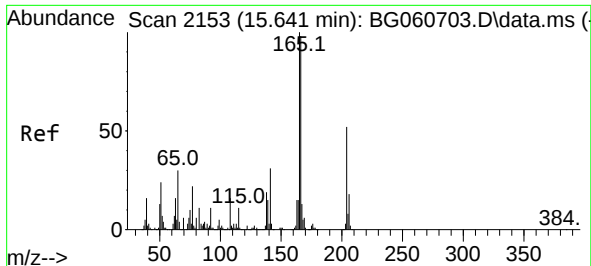
Tgt Ion:232 Resp: 197722
Ion Ratio Lower Upper
232 100
131 37.4 32.2 48.2
130 2.3 2.1 3.1
166 28.8 23.7 35.5



#60
Diethylphthalate
Concen: 44.721 ng
RT: 15.412 min Scan# 2114
Delta R.T. -0.011 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

Tgt Ion:149 Resp: 646712
Ion Ratio Lower Upper
149 100
177 23.3 18.0 27.0
150 13.0 10.2 15.4

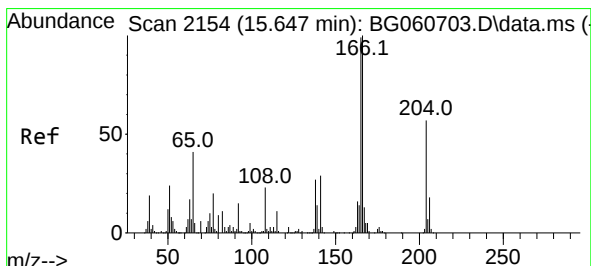
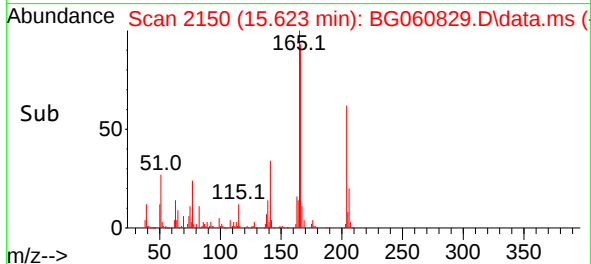
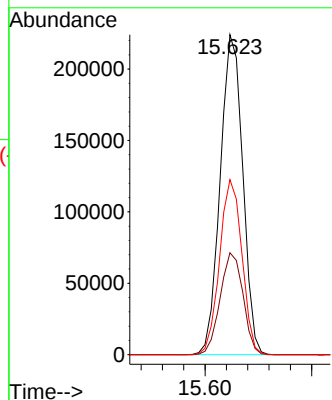
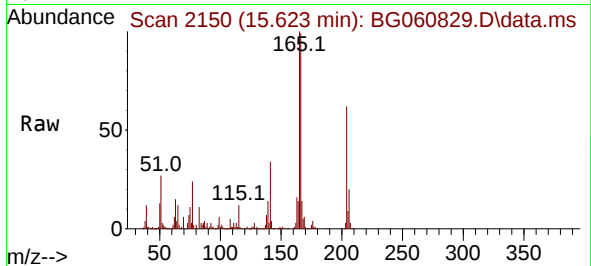




#61
4-Chlorophenyl-phenylether
Concen: 47.586 ng
RT: 15.623 min Scan# 2150
Delta R.T. -0.018 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

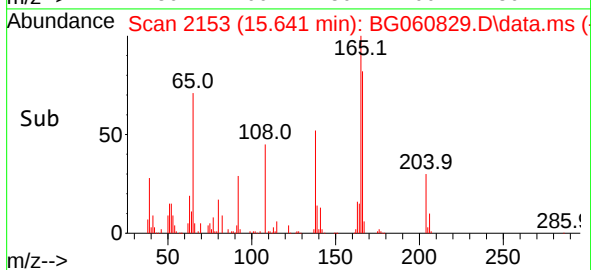
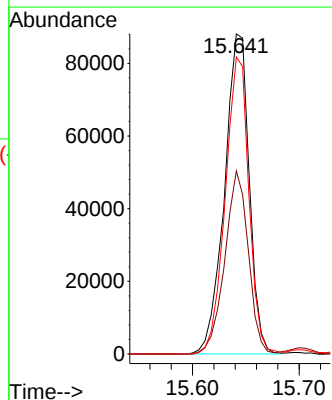
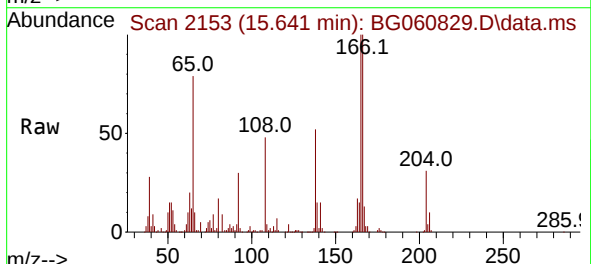
Instrument :
BNA_G
ClientSampleId :
PB160030BS

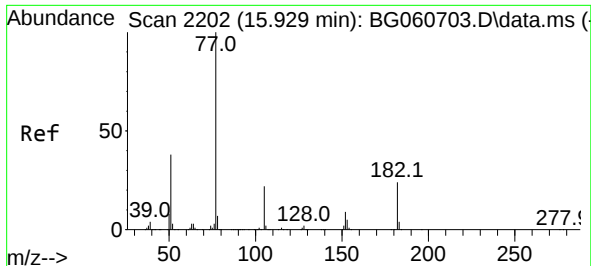
Tgt Ion:204 Resp: 328121
Ion Ratio Lower Upper
204 100
206 31.8 28.3 42.5
141 54.7 47.2 70.8



#62
4-Nitroaniline
Concen: 53.894 ng
RT: 15.641 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

Tgt Ion:138 Resp: 141631
Ion Ratio Lower Upper
138 100
92 57.2 36.8 76.8
108 92.8 66.9 106.9

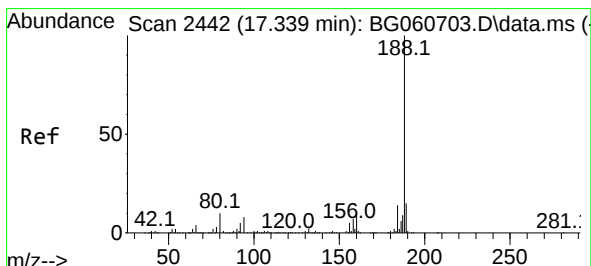
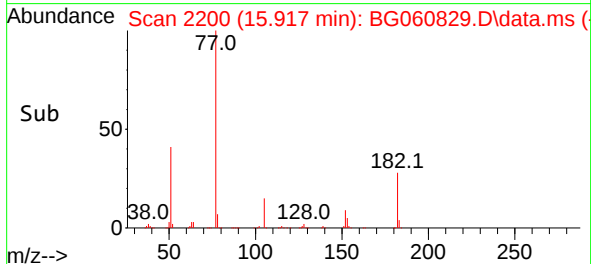
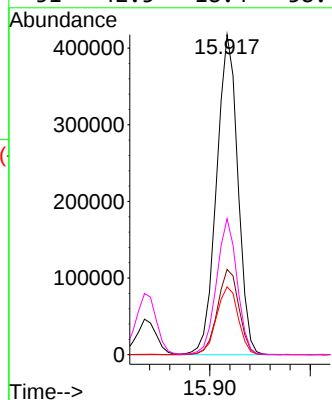
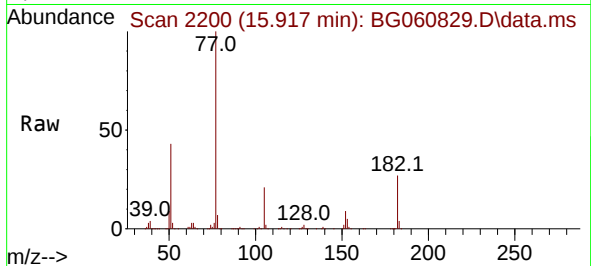




#63
Azobenzene
Concen: 43.610 ng
RT: 15.917 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

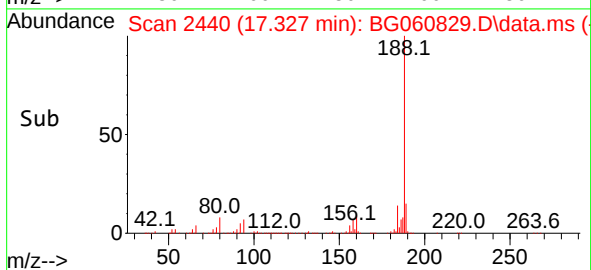
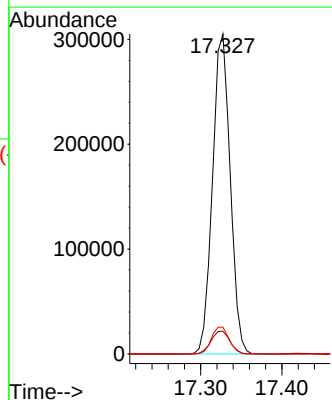
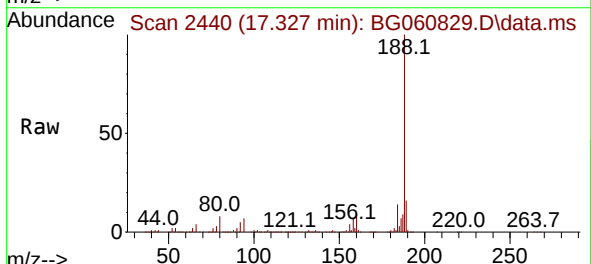
Instrument :
BNA_G
ClientSampleId :
PB160030BS

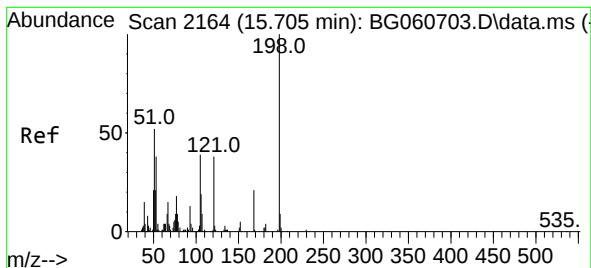
Tgt Ion: 77	Resp: 614538
Ion Ratio	Lower Upper
77 100	
182 26.7	3.9 43.9
105 21.2	1.7 41.7
51 42.5	18.4 58.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2440
Delta R.T. -0.011 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

Tgt Ion:188	Resp: 461015
Ion Ratio	Lower Upper
188 100	
94 7.2	6.6 9.8
80 8.4	7.6 11.4

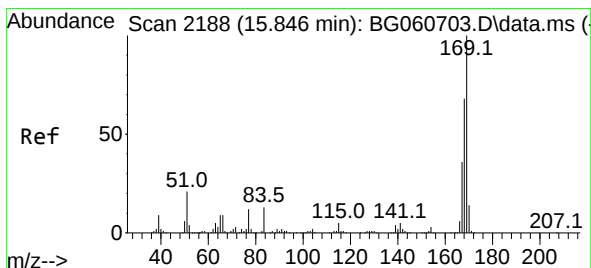
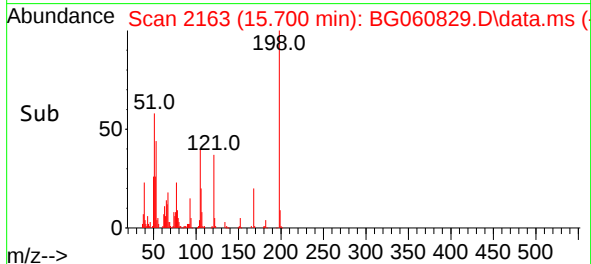
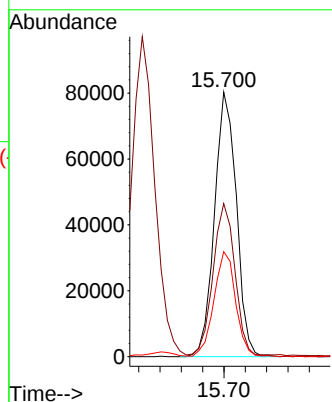
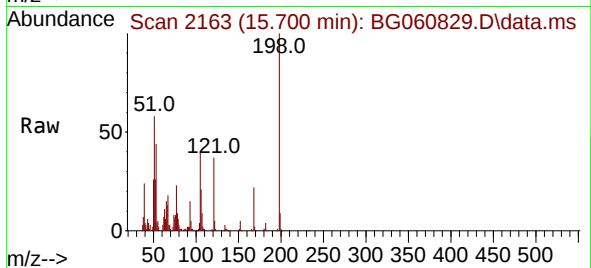




#65
4,6-Dinitro-2-methylphenol
Concen: 58.239 ng
RT: 15.700 min Scan# 2164
Delta R.T. -0.005 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

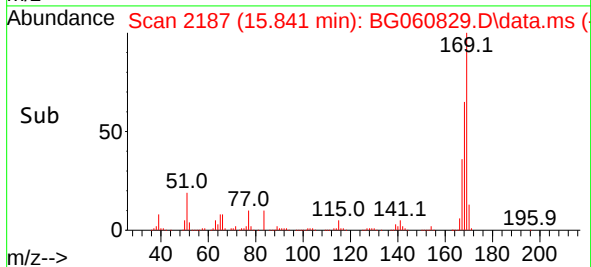
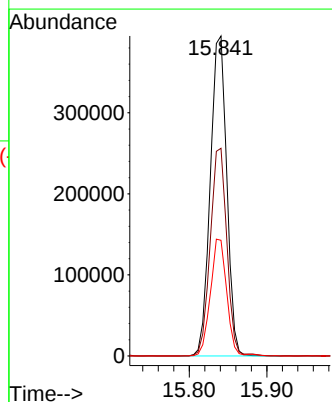
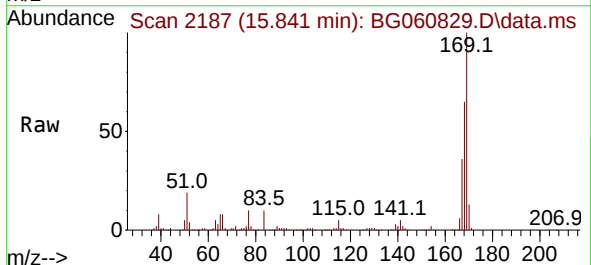
Instrument :
BNA_G
ClientSampleId :
PB160030BS

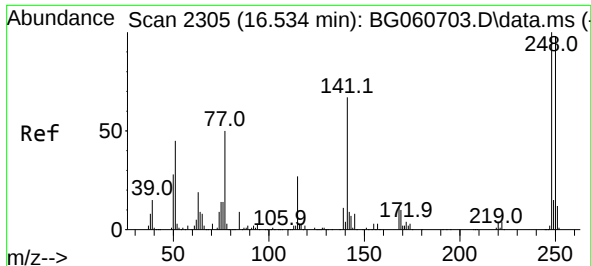
Tgt Ion:198 Resp: 114148
Ion Ratio Lower Upper
198 100
51 57.9 36.7 76.7
105 39.7 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 44.080 ng
RT: 15.841 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

Tgt Ion:169 Resp: 580719
Ion Ratio Lower Upper
169 100
168 64.9 54.5 81.7
167 36.2 29.2 43.8

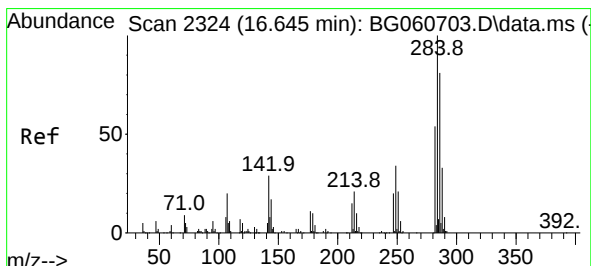
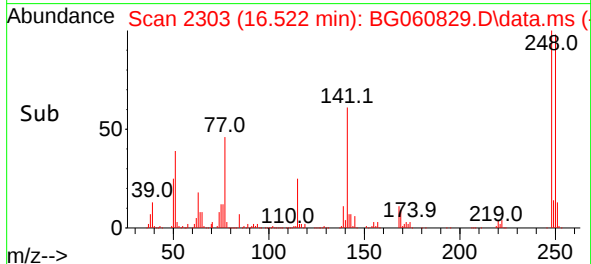
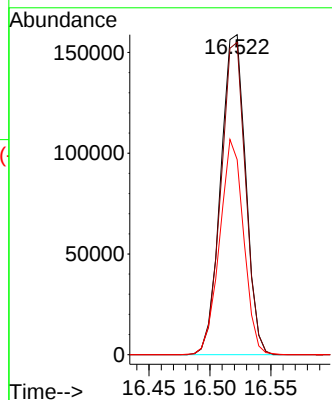
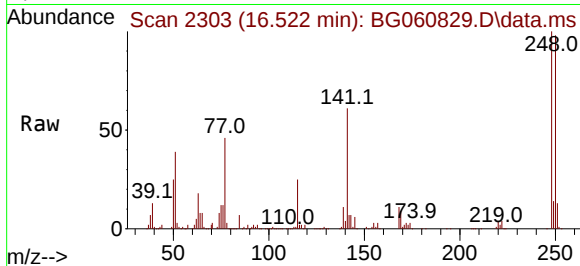




#67
4-Bromophenyl-phenylether
Concen: 48.348 ng
RT: 16.522 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

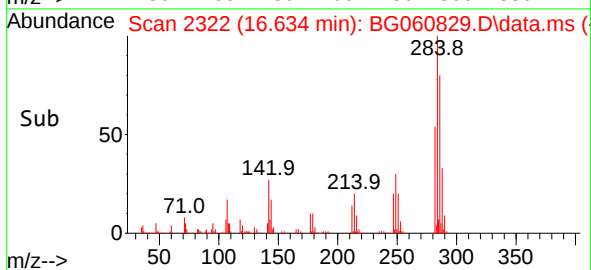
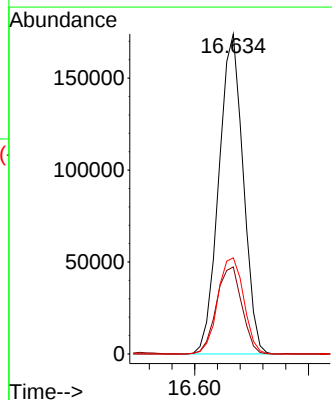
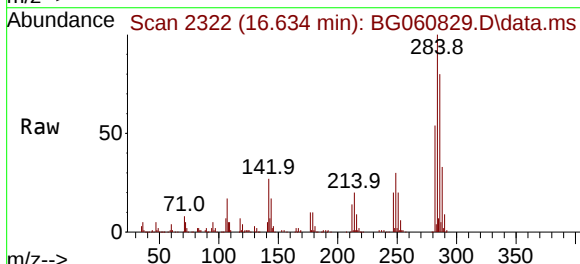
Instrument :
BNA_G
ClientSampleId :
PB160030BS

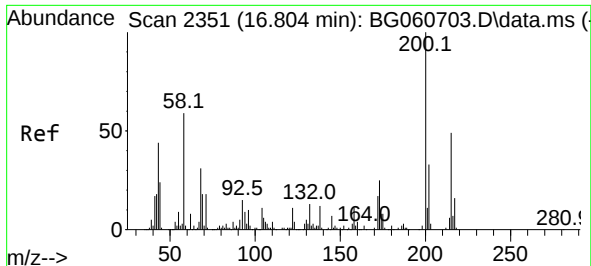
Tgt Ion:248 Resp: 226205
Ion Ratio Lower Upper
248 100
250 97.6 78.3 117.5
141 61.0 53.7 80.5



#68
Hexachlorobenzene
Concen: 49.043 ng
RT: 16.634 min Scan# 2322
Delta R.T. -0.011 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

Tgt Ion:284 Resp: 259030
Ion Ratio Lower Upper
284 100
142 27.2 22.9 34.3
249 30.1 27.1 40.7

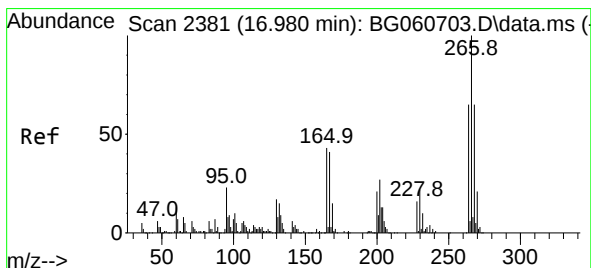
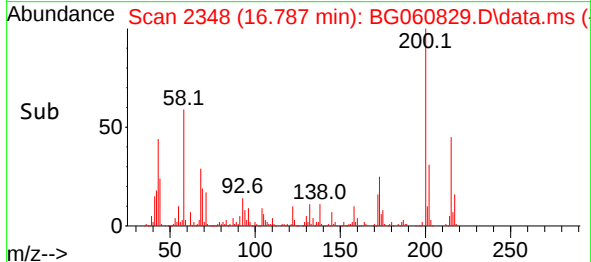
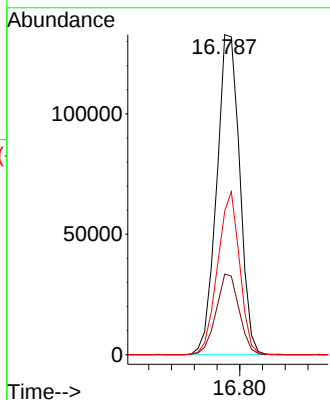
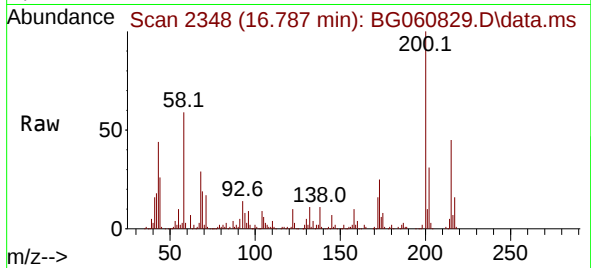




#69
 Atrazine
 Concen: 40.534 ng
 RT: 16.787 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BG060829.D
 Acq: 8 Apr 2024 17:12

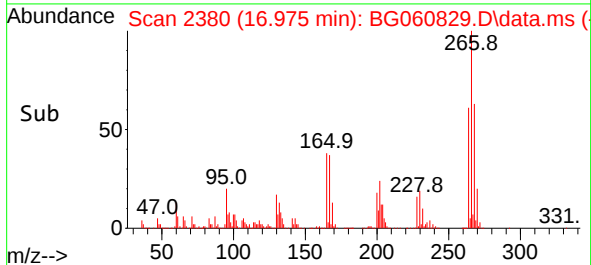
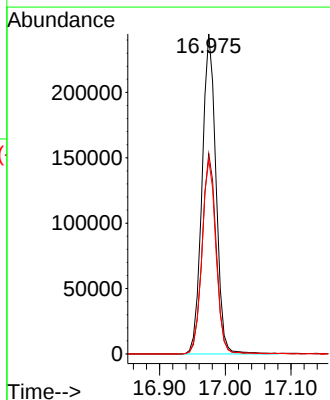
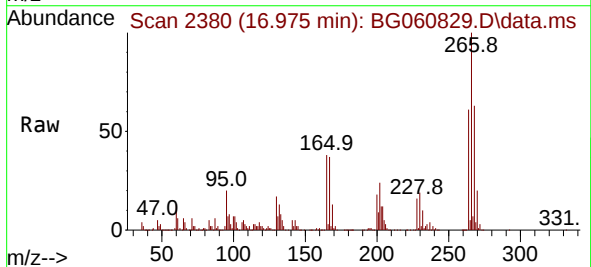
Instrument :
 BNA_G
 ClientSampleId :
 PB160030BS

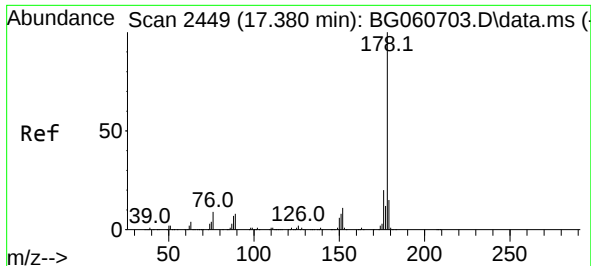
Tgt Ion:200 Resp: 186736
 Ion Ratio Lower Upper
 200 100
 173 25.2 5.2 45.2
 215 44.9 28.8 68.8



#70
 Pentachlorophenol
 Concen: 104.947 ng
 RT: 16.975 min Scan# 2380
 Delta R.T. -0.006 min
 Lab File: BG060829.D
 Acq: 8 Apr 2024 17:12

Tgt Ion:266 Resp: 361678
 Ion Ratio Lower Upper
 266 100
 268 62.6 52.2 78.4
 264 60.6 51.8 77.6

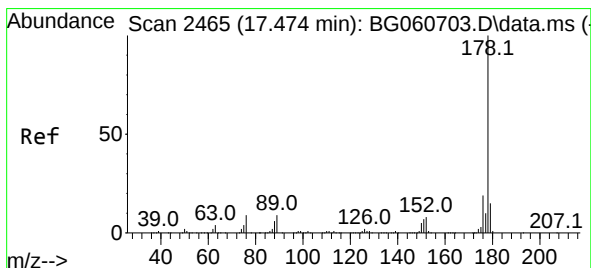
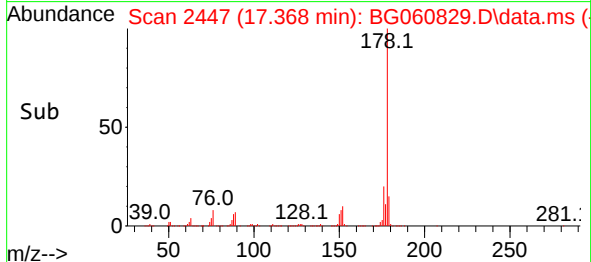
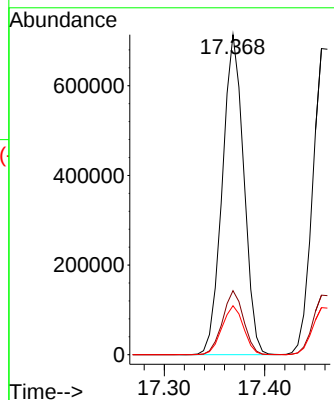
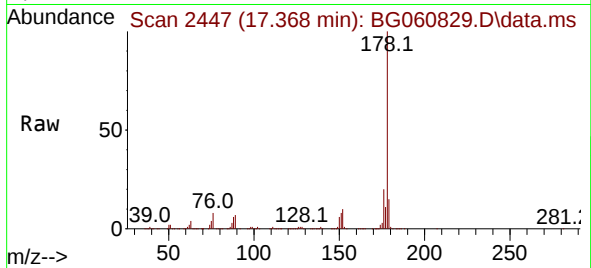




#71
Phenanthrene
Concen: 44.118 ng
RT: 17.368 min Scan# 2449
Delta R.T. -0.011 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

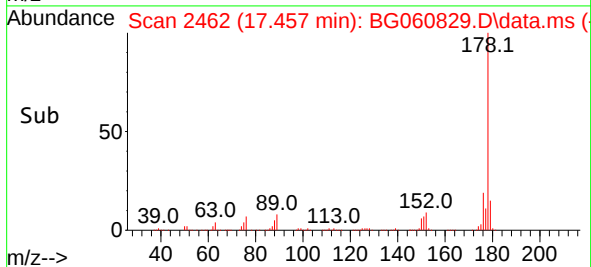
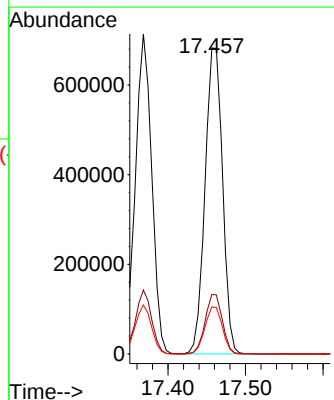
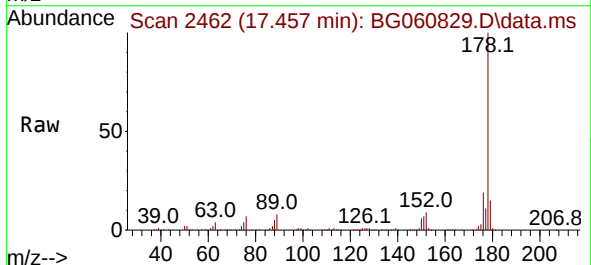
Instrument :
BNA_G
ClientSampleId :
PB160030BS

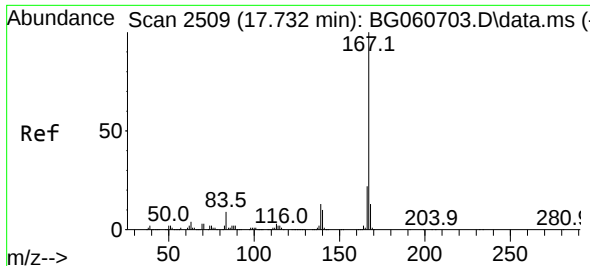
Tgt Ion:178 Resp: 1057795
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.6
179 15.3 12.2 18.4



#72
Anthracene
Concen: 43.954 ng
RT: 17.457 min Scan# 2462
Delta R.T. -0.017 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

Tgt Ion:178 Resp: 1070260
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.4 12.2 18.2

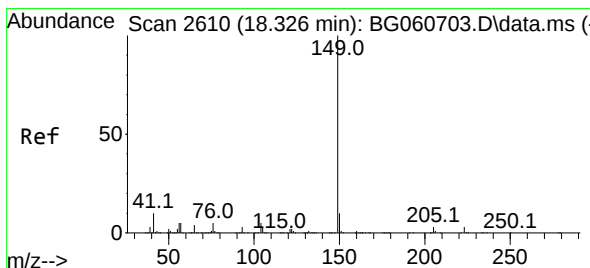
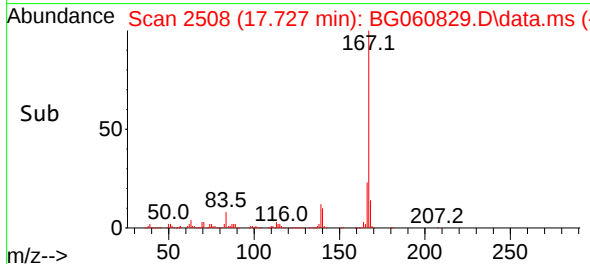
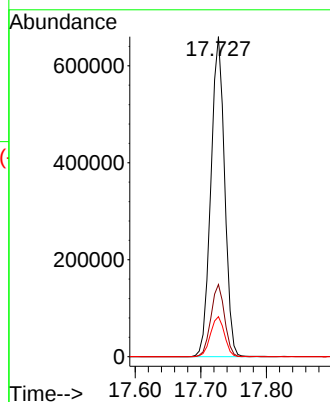
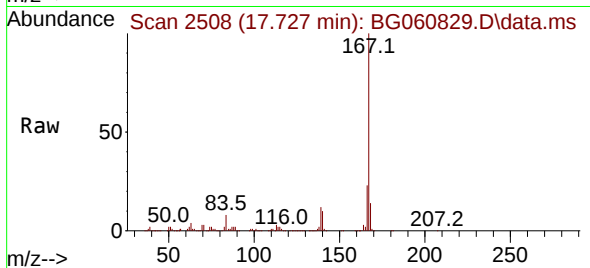




#73
 Carbazole
 Concen: 44.748 ng
 RT: 17.727 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG060829.D
 Acq: 8 Apr 2024 17:12

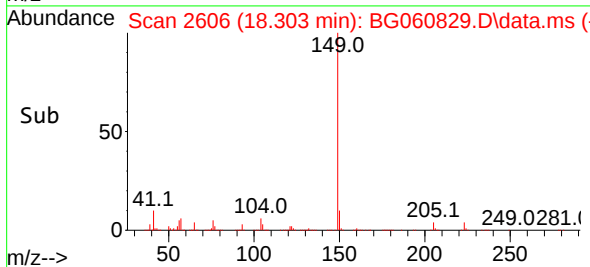
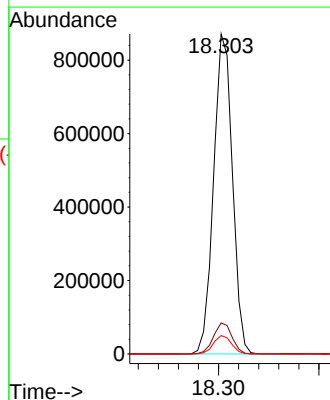
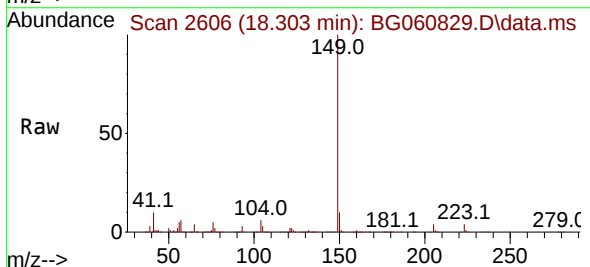
Instrument :
 BNA_G
 ClientSampleId :
 PB160030BS

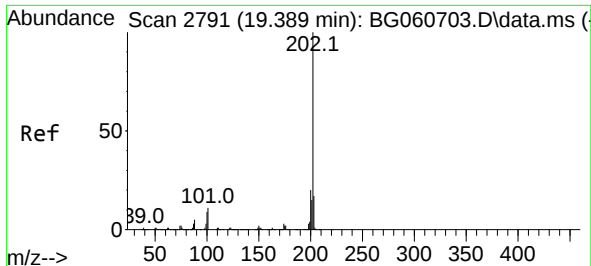
Tgt Ion:167 Resp: 960692
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.0 27.0
 139 12.5 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 42.246 ng
 RT: 18.303 min Scan# 2606
 Delta R.T. -0.023 min
 Lab File: BG060829.D
 Acq: 8 Apr 2024 17:12

Tgt Ion:149 Resp: 1130742
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.7 4.2 6.4

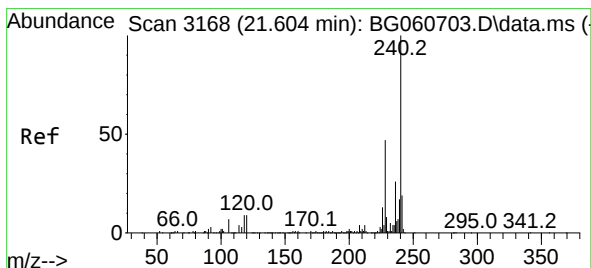
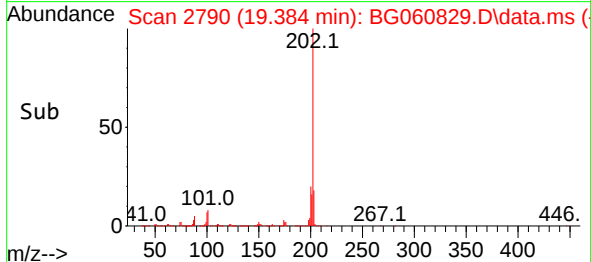
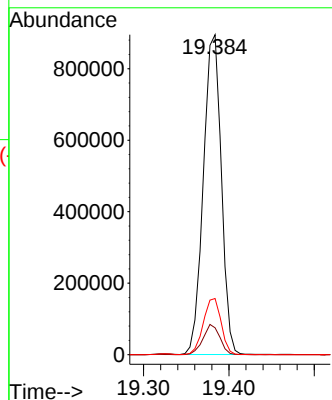
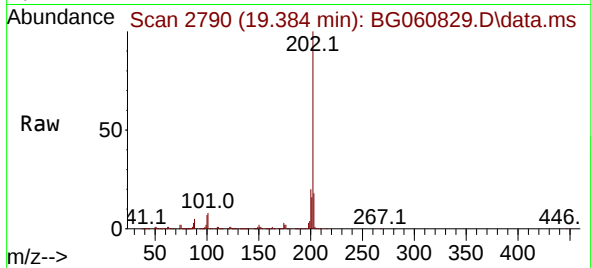




#75
Fluoranthene
Concen: 44.983 ng
RT: 19.384 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

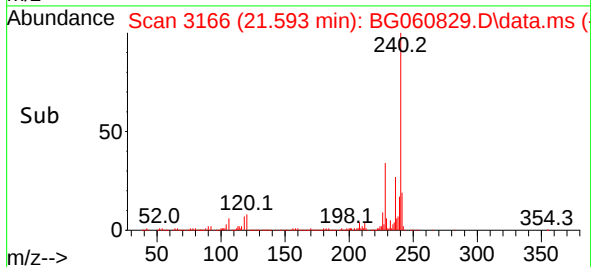
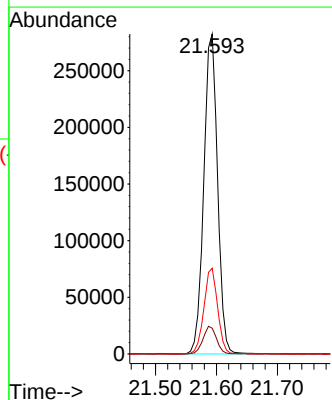
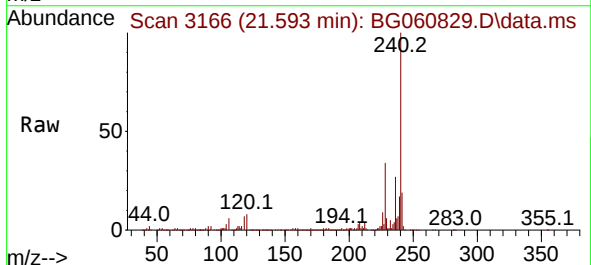
Instrument :
BNA_G
ClientSampleId :
PB160030BS

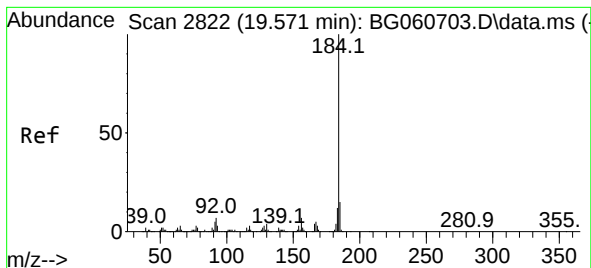
Tgt Ion:202 Resp: 1308739
Ion Ratio Lower Upper
202 100
101 8.4 0.0 30.8
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.593 min Scan# 3166
Delta R.T. -0.011 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

Tgt Ion:240 Resp: 443589
Ion Ratio Lower Upper
240 100
120 8.0 7.1 10.7
236 26.8 20.7 31.1





#77

Benzidine

Concen: 28.507 ng

RT: 19.560 min Scan# 2820

Delta R.T. -0.011 min

Lab File: BG060829.D

Acq: 8 Apr 2024 17:12

Instrument :

BNA_G

ClientSampleId :

PB160030BS

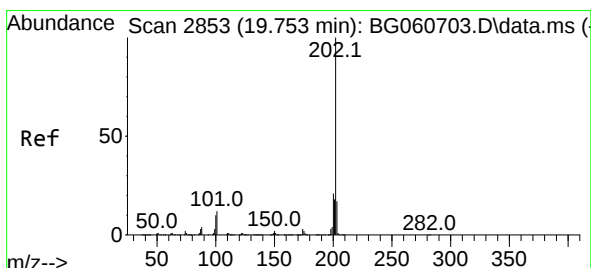
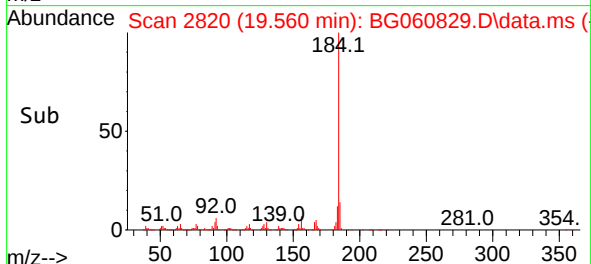
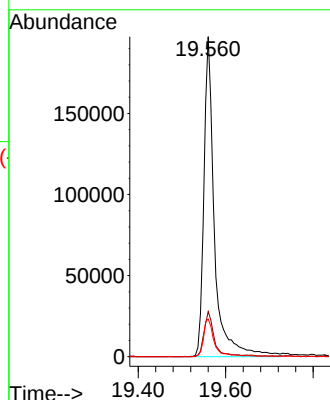
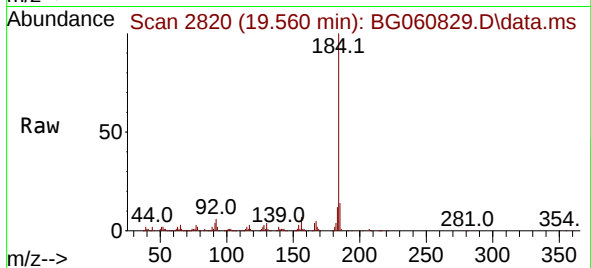
Tgt Ion:184 Resp: 332976

Ion Ratio Lower Upper

184 100

185 14.1 11.8 17.6

183 11.7 9.5 14.3



#78

Pyrene

Concen: 43.854 ng

RT: 19.742 min Scan# 2851

Delta R.T. -0.011 min

Lab File: BG060829.D

Acq: 8 Apr 2024 17:12

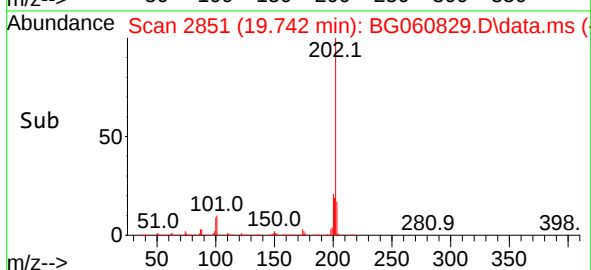
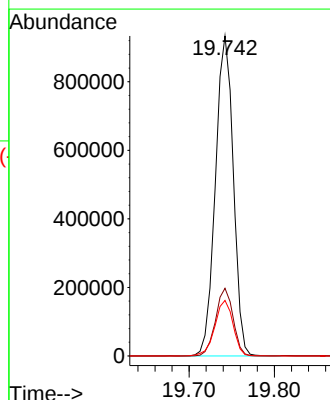
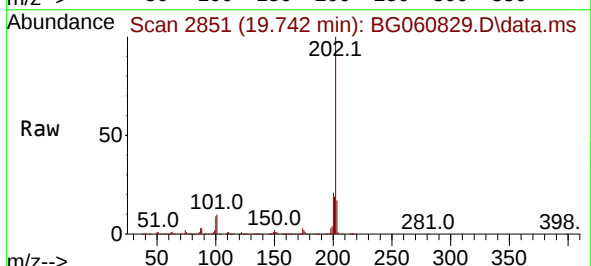
Tgt Ion:202 Resp: 1360496

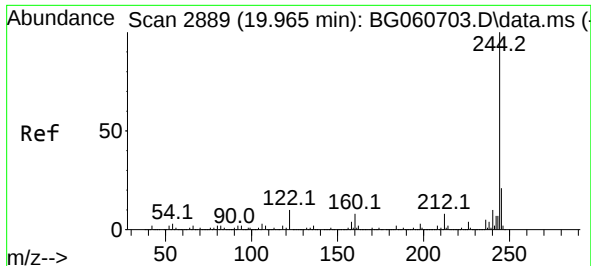
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

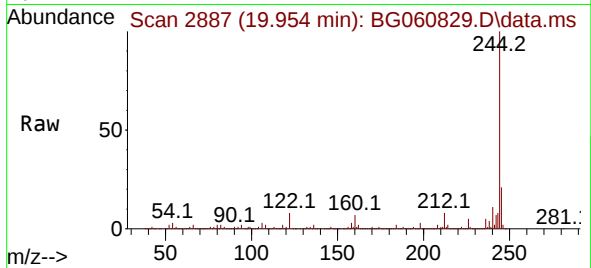
203 17.4 14.0 21.0





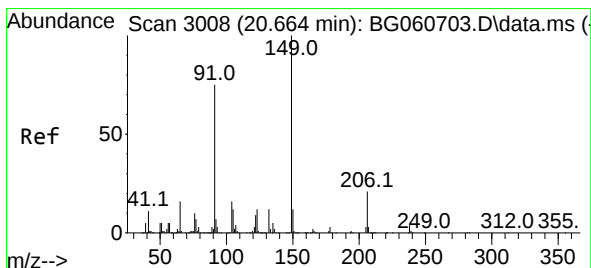
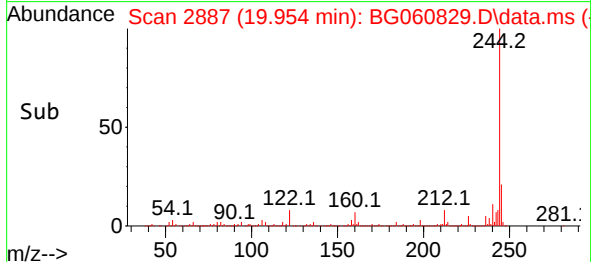
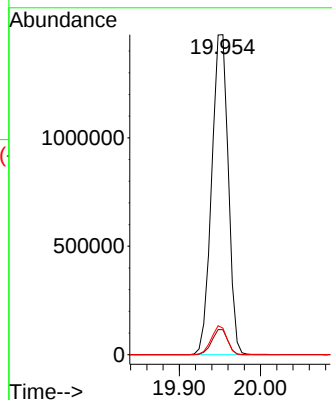
#79
 Terphenyl-d14
 Concen: 83.056 ng
 RT: 19.954 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG060829.D
 Acq: 8 Apr 2024 17:12

Instrument :
 BNA_G
 ClientSampleId :
 PB160030BS



Tgt Ion:244 Resp: 2092333

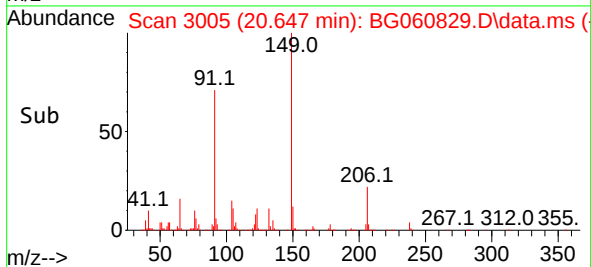
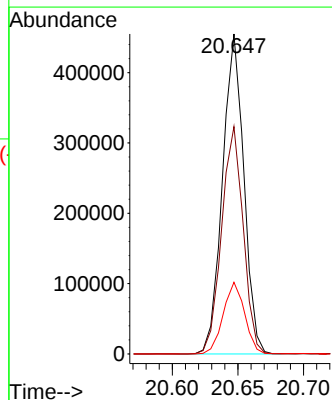
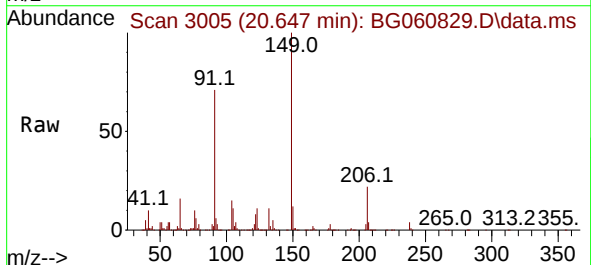
Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	8.3	7.8	11.8

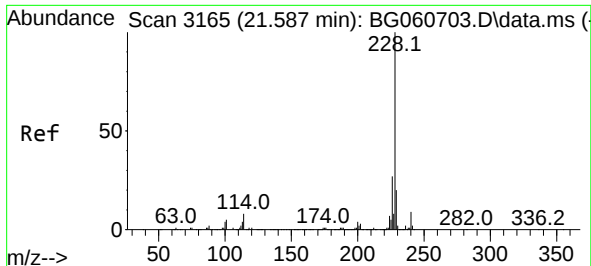


#80
 Butylbenzylphthalate
 Concen: 45.360 ng
 RT: 20.647 min Scan# 3005
 Delta R.T. -0.017 min
 Lab File: BG060829.D
 Acq: 8 Apr 2024 17:12

Tgt Ion:149 Resp: 513337

Ion	Ratio	Lower	Upper
149	100		
91	71.1	60.1	90.1
206	22.4	16.8	25.2

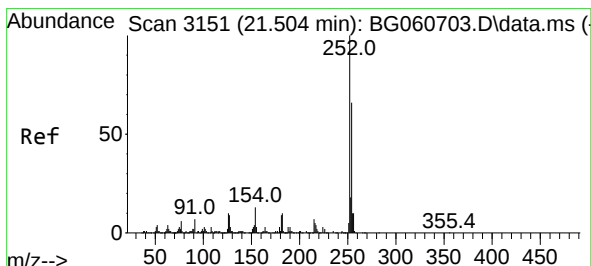
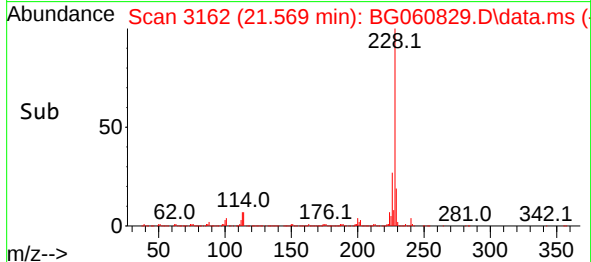
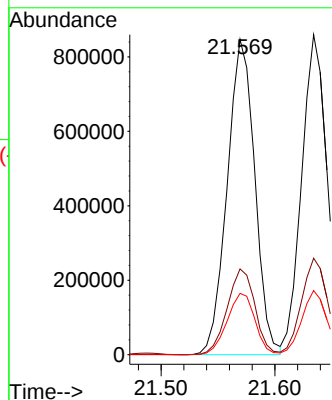
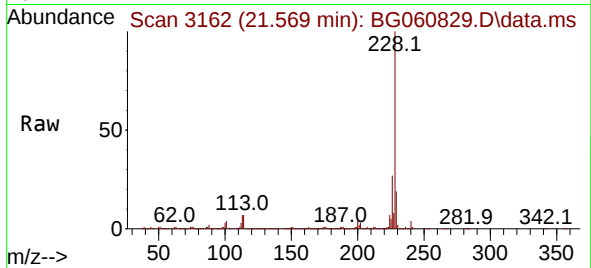




#81
Benzo(a)anthracene
Concen: 45.709 ng
RT: 21.569 min Scan# 3162
Delta R.T. -0.017 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

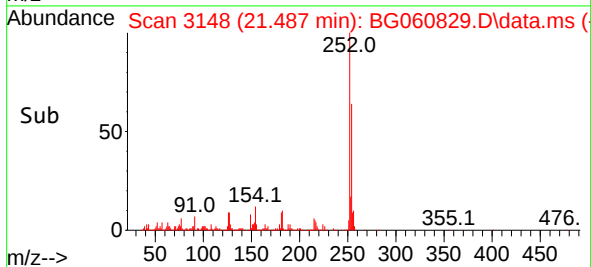
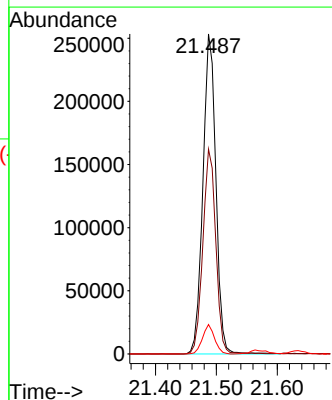
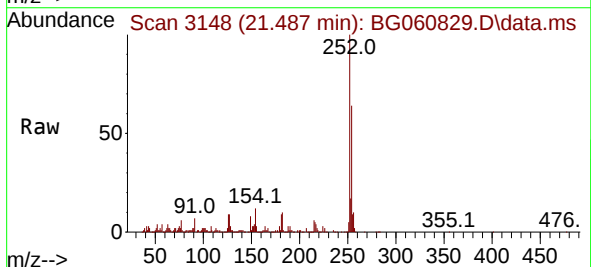
Instrument :
BNA_G
ClientSampleId :
PB160030BS

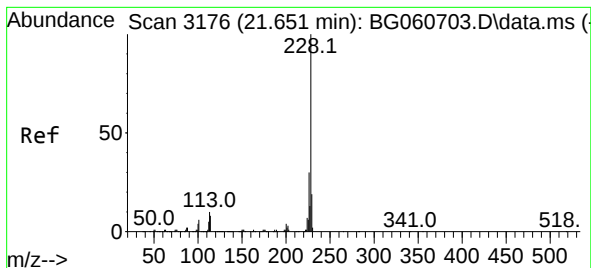
Tgt Ion:228 Resp: 1429255
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 19.5 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 35.488 ng
RT: 21.487 min Scan# 3148
Delta R.T. -0.017 min
Lab File: BG060829.D
Acq: 8 Apr 2024 17:12

Tgt Ion:252 Resp: 374680
Ion Ratio Lower Upper
252 100
254 64.0 52.6 78.8
126 9.2 7.8 11.8





#83

Chrysene

Concen: 44.451 ng

RT: 21.634 min Scan# 3173

Delta R.T. -0.017 min

Lab File: BG060829.D

Acq: 8 Apr 2024 17:12

Instrument :

BNA_G

ClientSampleId :

PB160030BS

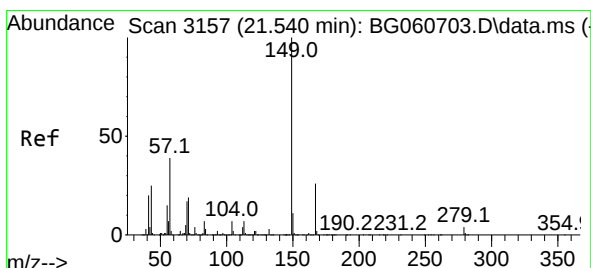
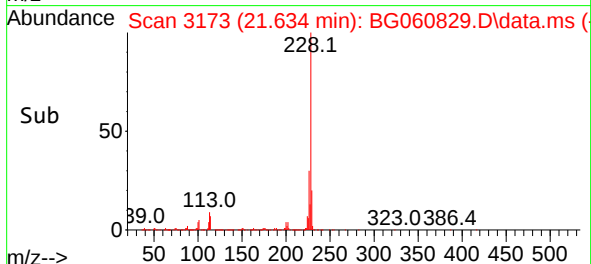
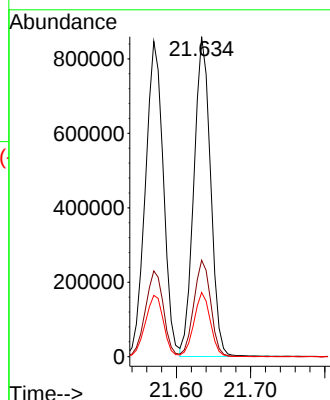
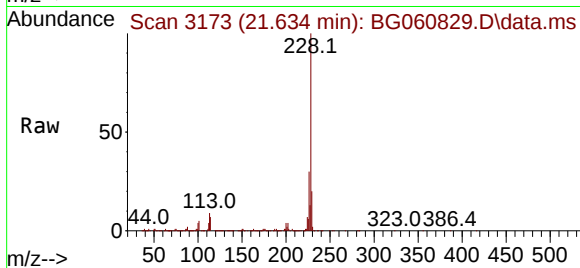
Tgt Ion:228 Resp: 1339675

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.4

229 20.0 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.092 ng

RT: 21.511 min Scan# 3152

Delta R.T. -0.029 min

Lab File: BG060829.D

Acq: 8 Apr 2024 17:12

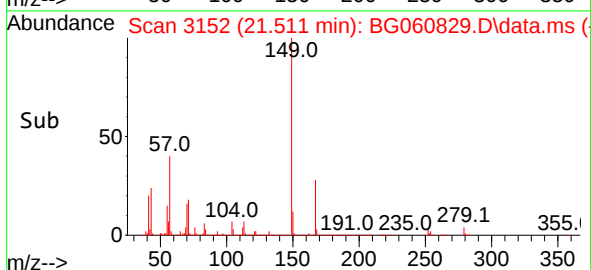
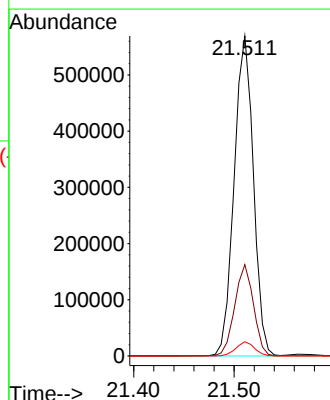
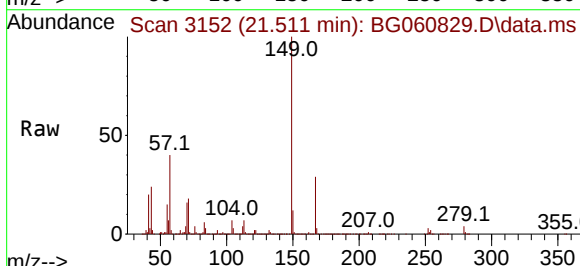
Tgt Ion:149 Resp: 759247

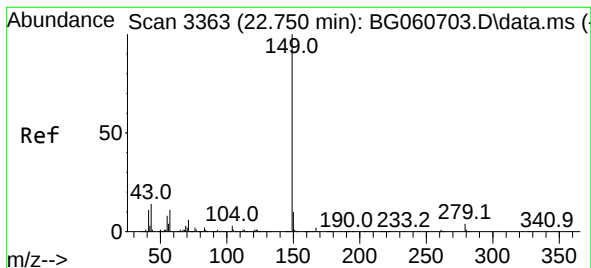
Ion Ratio Lower Upper

149 100

167 28.5 20.6 30.8

279 4.4 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 44.723 ng

RT: 22.703 min Scan# 31

Delta R.T. -0.047 min

Lab File: BG060829.D

Acq: 8 Apr 2024 17:12

Instrument :

BNA_G

ClientSampleId :

PB160030BS

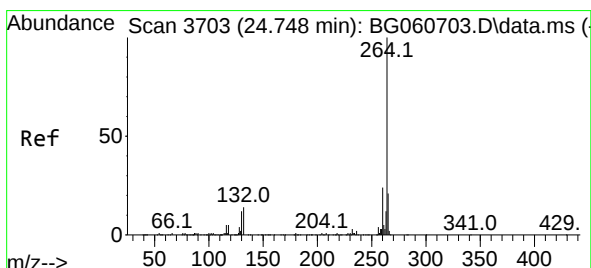
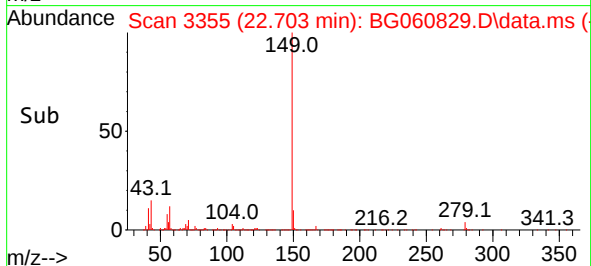
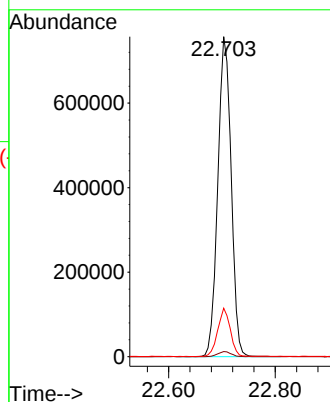
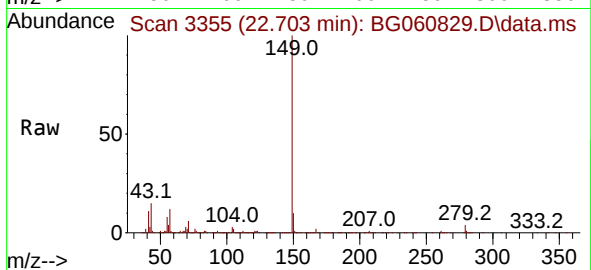
Tgt Ion:149 Resp: 1314208

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 14.2 11.3 16.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.719 min Scan# 3698

Delta R.T. -0.029 min

Lab File: BG060829.D

Acq: 8 Apr 2024 17:12

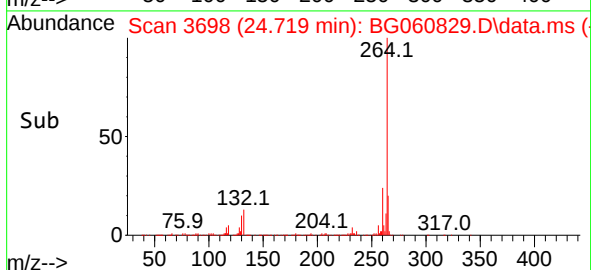
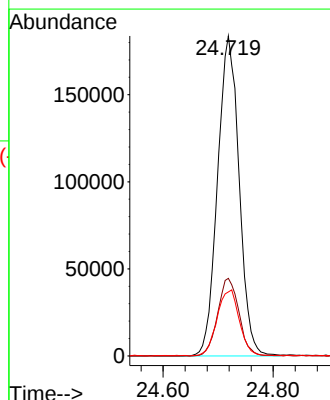
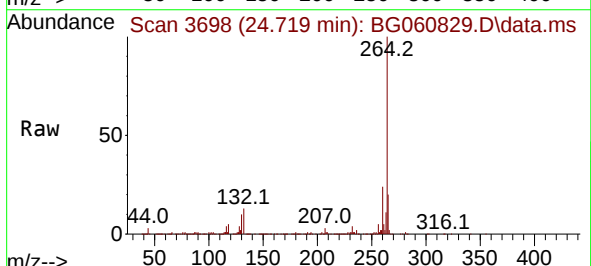
Tgt Ion:264 Resp: 499436

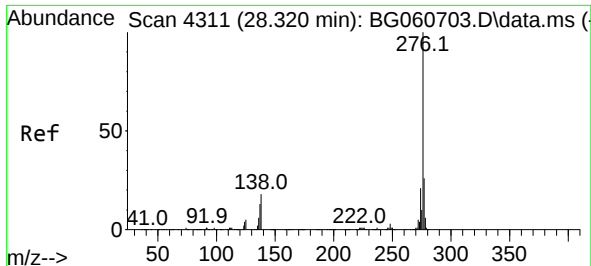
Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

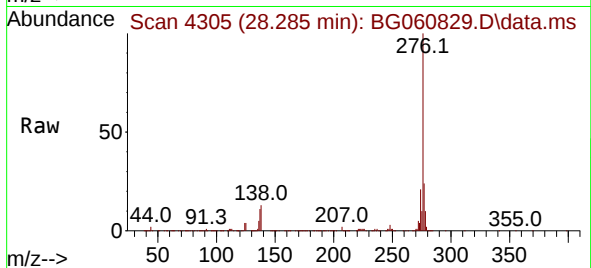
265 20.0 16.9 25.3



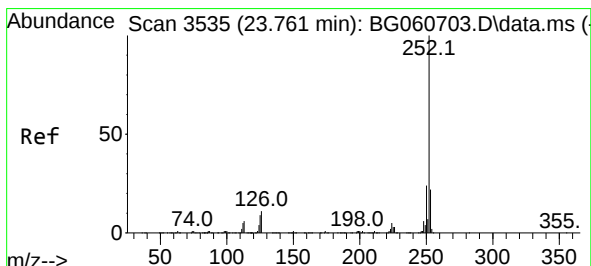
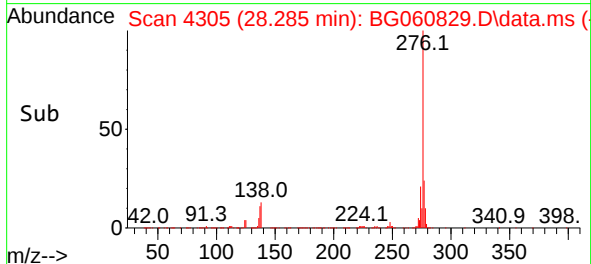
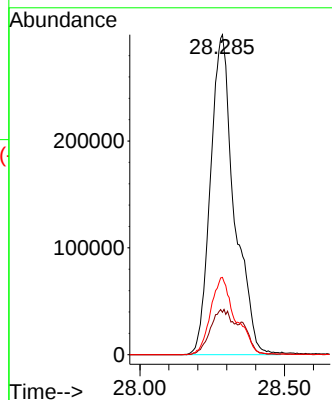


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.834 ng
 RT: 28.285 min Scan# 4311
 Delta R.T. -0.035 min
 Lab File: BG060829.D
 Acq: 8 Apr 2024 17:12

Instrument :
 BNA_G
 ClientSampleId :
 PB160030BS

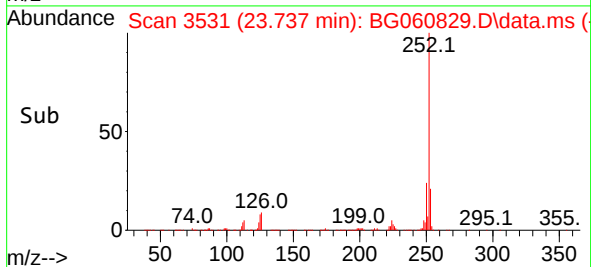
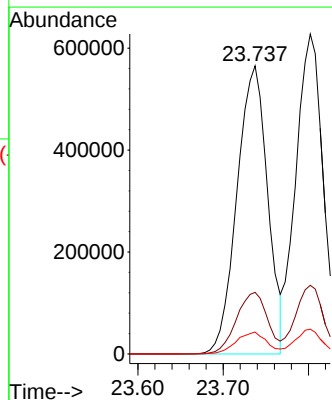
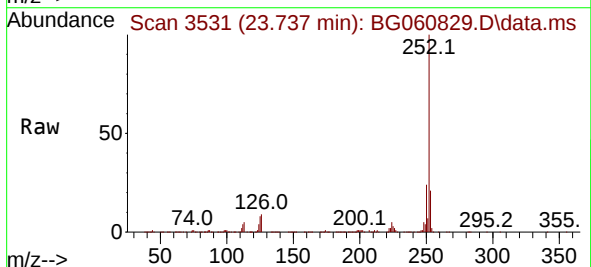


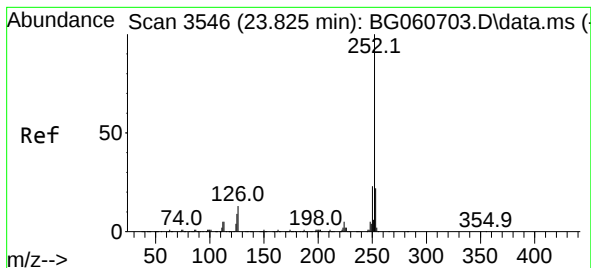
Tgt Ion:276 Resp: 1717511
 Ion Ratio Lower Upper
 276 100
 138 13.7 12.4 18.6
 277 25.2 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 49.220 ng
 RT: 23.737 min Scan# 3531
 Delta R.T. -0.023 min
 Lab File: BG060829.D
 Acq: 8 Apr 2024 17:12

Tgt Ion:252 Resp: 1412240
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.8 26.8
 125 7.6 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 47.707 ng

RT: 23.802 min Scan# 3

Delta R.T. -0.023 min

Lab File: BG060829.D

Acq: 8 Apr 2024 17:12

Instrument :

BNA_G

ClientSampleId :

PB160030BS

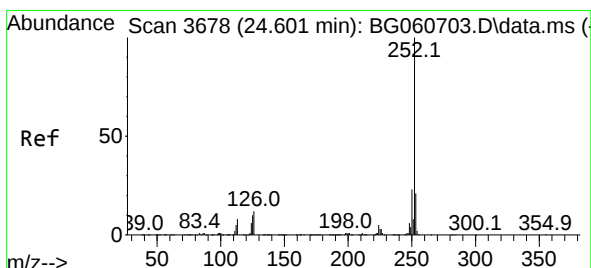
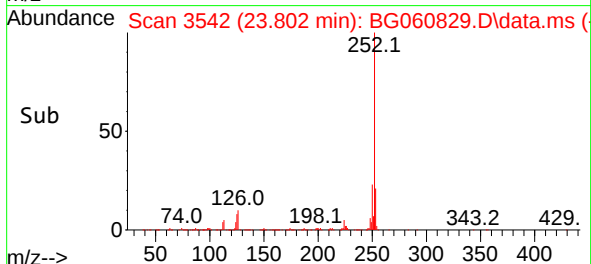
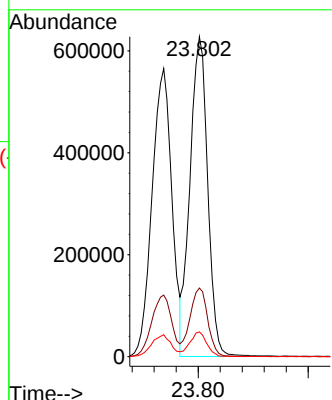
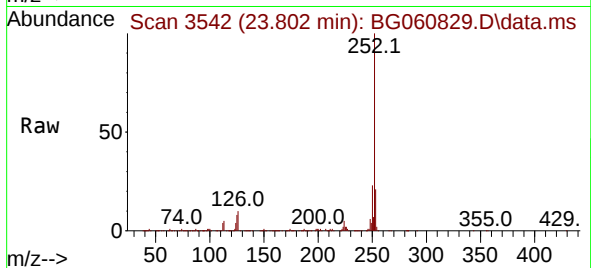
Tgt Ion:252 Resp: 1401053

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 7.8 7.5 11.3



#90

Benzo(a)pyrene

Concen: 46.007 ng

RT: 24.578 min Scan# 3674

Delta R.T. -0.023 min

Lab File: BG060829.D

Acq: 8 Apr 2024 17:12

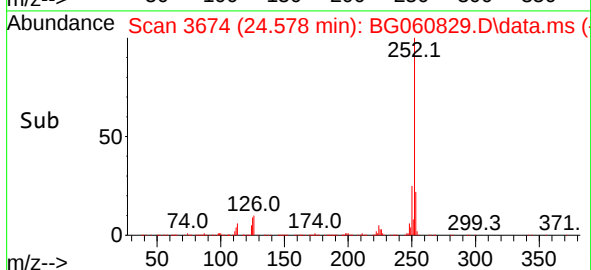
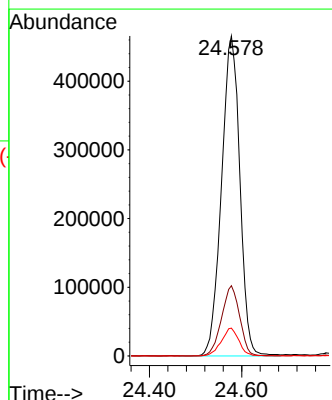
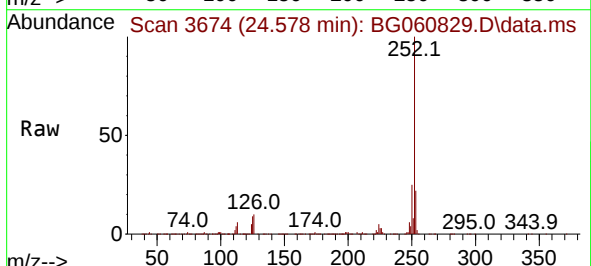
Tgt Ion:252 Resp: 1282850

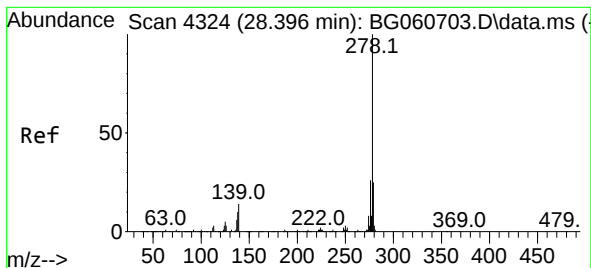
Ion Ratio Lower Upper

252 100

253 22.0 16.8 25.2

125 8.7 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 47.852 ng

RT: 28.356 min Scan# 41

Delta R.T. -0.041 min

Lab File: BG060829.D

Acq: 8 Apr 2024 17:12

Instrument :

BNA_G

ClientSampleId :

PB160030BS

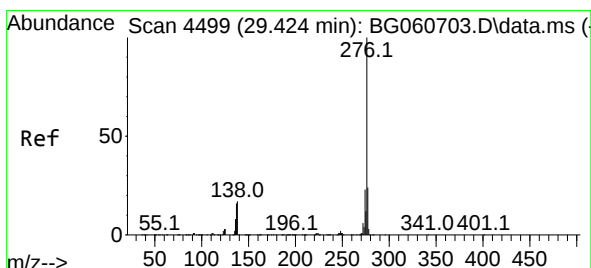
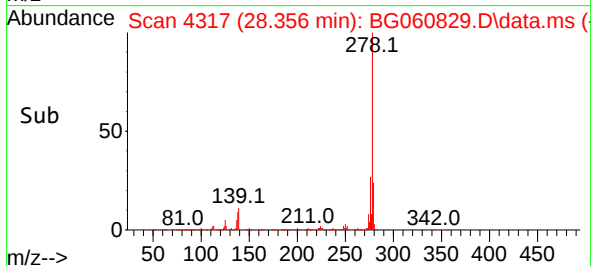
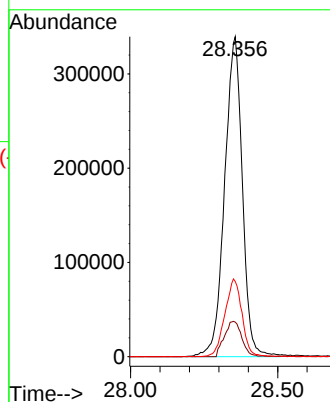
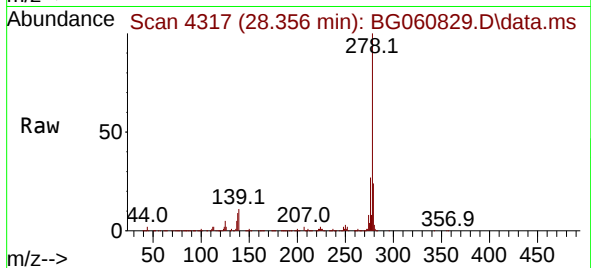
Tgt Ion:278 Resp: 1418696

Ion Ratio Lower Upper

278 100

139 10.8 11.1 16.7#

279 23.5 19.8 29.6



#92

Benzo(g,h,i)perylene

Concen: 46.552 ng

RT: 29.390 min Scan# 4493

Delta R.T. -0.035 min

Lab File: BG060829.D

Acq: 8 Apr 2024 17:12

Tgt Ion:276 Resp: 1342572

Ion Ratio Lower Upper

276 100

277 24.4 18.9 28.3

138 14.9 14.0 21.0

