

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
 Data File : BG060064.D
 Acq On : 18 Dec 2023 13:25
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 19 04:38:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 04:37:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	61825	20.000	ng	0.00
21) Naphthalene-d8	10.761	136	236263	20.000	ng	# 0.00
39) Acenaphthene-d10	14.598	164	194977	20.000	ng	0.00
64) Phenanthrene-d10	17.348	188	543249	20.000	ng	# 0.00
76) Chrysene-d12	21.619	240	612759	20.000	ng	# 0.00
86) Perylene-d12	24.815	264	714292	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	271192	75.089	ng	0.00
7) Phenol-d6	7.113	99	383584	75.505	ng	0.00
23) Nitrobenzene-d5	9.122	82	409373	78.679	ng	0.00
42) 2,4,6-Tribromophenol	16.084	330	380398	83.717	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	1341208	84.189	ng	0.00
79) Terphenyl-d14	19.968	244	2978435	88.742	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.440	88	70958	41.521	ng	91
3) Pyridine	3.840	79	215645	45.056	ng	93
4) n-Nitrosodimethylamine	3.752	42	106629	45.294	ng	# 70
6) Aniline	7.283	93	189168	36.558	ng	93
8) 2-Chlorophenol	7.518	128	134587	39.325	ng	96
9) Benzaldehyde	7.095	77	112879	36.542	ng	97
10) Phenol	7.142	94	191570	37.537	ng	93
11) bis(2-Chloroethyl)ether	7.377	93	127014	34.764	ng	95
12) 1,3-Dichlorobenzene	7.847	146	186652	40.784	ng	94
13) 1,4-Dichlorobenzene	7.994	146	190014	39.899	ng	96
14) 1,2-Dichlorobenzene	8.311	146	185688	40.527	ng	94
15) Benzyl Alcohol	8.194	79	163771	40.109	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.482	45	266444	40.754	ng	95
17) 2-Methylphenol	8.393	107	136816	40.210	ng	92
18) Hexachloroethane	9.046	117	57871	40.114	ng	# 80
19) n-Nitroso-di-n-propyla...	8.764	70	136535	41.656	ng	88
20) 3+4-Methylphenols	8.717	107	189203	39.811	ng	93
22) Acetophenone	8.781	105	268202	38.955	ng	# 96
24) Nitrobenzene	9.163	77	201800	38.202	ng	99
25) Isophorone	9.680	82	373496	37.506	ng	# 94
26) 2-Nitrophenol	9.874	139	87587	45.085	ng	# 87
27) 2,4-Dimethylphenol	9.927	122	107686	40.439	ng	98
28) bis(2-Chloroethoxy)met...	10.168	93	177707	34.563	ng	97
29) 2,4-Dichlorophenol	10.403	162	202477	42.335	ng	96
30) 1,2,4-Trichlorobenzene	10.626	180	276081	42.646	ng	99
31) Naphthalene	10.814	128	496682	40.383	ng	98
32) Benzoic acid	10.062	122	117295	48.423	ng	97
33) 4-Chloroaniline	10.914	127	189450	40.482	ng	96
34) Hexachlorobutadiene	11.096	225	257446	43.449	ng	92
35) Caprolactam	11.690	113	44856	36.920	ng	89
36) 4-Chloro-3-methylphenol	12.036	107	169990	39.080	ng	98
37) 2-Methylnaphthalene	12.424	142	386609	40.077	ng	96
38) 1-Methylnaphthalene	12.641	142	382346	40.125	ng	97
40) 1,2,4,5-Tetrachloroben...	12.788	216	424231	41.735	ng	100
41) Hexachlorocyclopentadiene	12.771	237	188370	44.852	ng	99
43) 2,4,6-Trichlorophenol	13.023	196	236873	41.562	ng	96

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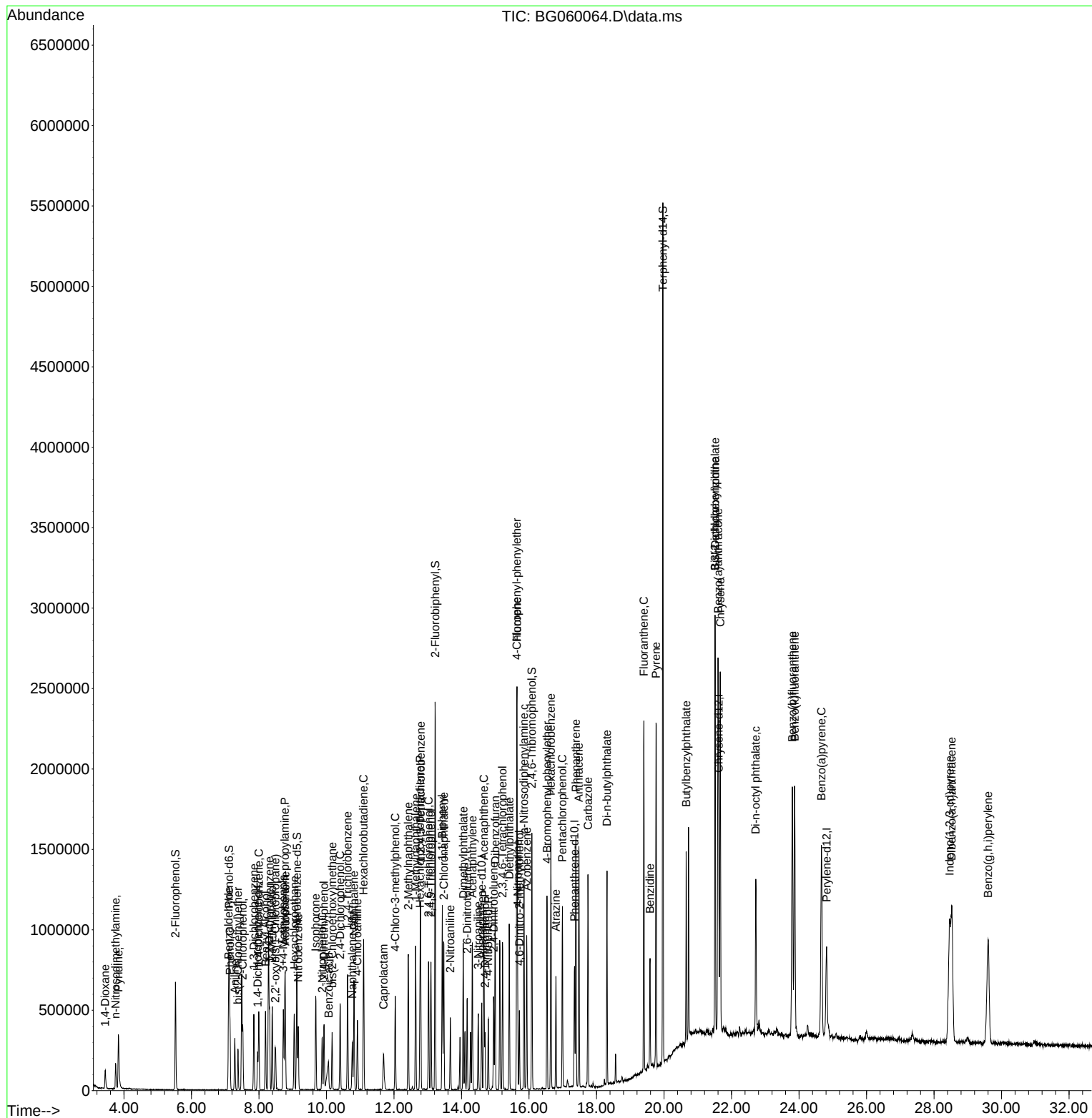
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.094	196	255704	41.248	ng	99
46) 1,1'-Biphenyl	13.429	154	600763	41.547	ng	94
47) 2-Chloronaphthalene	13.476	162	503371	40.197	ng	98
48) 2-Nitroaniline	13.670	65	118858	43.969	ng	98
49) Acenaphthylene	14.322	152	683397	39.896	ng	97
50) Dimethylphthalate	14.051	163	594916	39.309	ng	100
51) 2,6-Dinitrotoluene	14.169	165	127471	40.660	ng	95
52) Acenaphthene	14.663	154	490029	41.558	ng	96
53) 3-Nitroaniline	14.498	138	99531	39.730	ng	95
54) 2,4-Dinitrophenol	14.698	184	109230	47.290	ng	95
55) Dibenzofuran	14.997	168	776003	40.434	ng	98
56) 4-Nitrophenol	14.792	139	78475	37.272	ng	92
57) 2,4-Dinitrotoluene	14.950	165	183484	41.634	ng	96
58) Fluorene	15.644	166	643584	39.768	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.215	232	257699	39.935	ng	98
60) Diethylphthalate	15.415	149	538458	38.668	ng	98
61) 4-Chlorophenyl-phenyle...	15.638	204	477266	40.948	ng	95
62) 4-Nitroaniline	15.661	138	103969	38.113	ng	87
63) Azobenzene	15.932	77	485077	35.331	ng	91
65) 4,6-Dinitro-2-methylph...	15.714	198	157408	46.213	ng	90
66) n-Nitrosodiphenylamine	15.849	169	565010	42.574	ng	98
67) 4-Bromophenyl-phenylether	16.537	248	333917	43.565	ng	95
68) Hexachlorobenzene	16.648	284	387511	43.247	ng	95
69) Atrazine	16.795	200	176966	37.482	ng	94
70) Pentachlorophenol	16.989	266	259814	44.759	ng	96
71) Phenanthrene	17.389	178	1091182	41.469	ng	97
72) Anthracene	17.477	178	1105983	41.803	ng	99
73) Carbazole	17.747	167	910187	40.485	ng	99
74) Di-n-butylphthalate	18.311	149	861059	41.984	ng	98
75) Fluoranthene	19.404	202	1530923	39.870	ng	98
77) Benzidine	19.586	184	458273	58.225	ng	99
78) Pyrene	19.762	202	1564796	42.127	ng	99
80) Butylbenzylphthalate	20.656	149	324107	48.584	ng	97
81) Benzo(a)anthracene	21.601	228	1707807	41.491	ng	99
82) 3,3'-Dichlorobenzidine	21.513	252	607976	44.888	ng	98
83) Chrysene	21.666	228	1606816	41.205	ng	98
84) Bis(2-ethylhexyl)phtha...	21.513	149	473834	46.861	ng	99
85) Di-n-octyl phthalate	22.718	149	797684	45.607	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.458	276	1933429	37.927	ng	99
88) Benzo(b)fluoranthene	23.799	252	1829995	41.483	ng	98
89) Benzo(k)fluoranthene	23.869	252	1765894	41.269	ng	99
90) Benzo(a)pyrene	24.663	252	1575455	40.309	ng	98
91) Dibenzo(a,h)anthracene	28.523	278	1643672	38.559	ng	# 97
92) Benzo(g,h,i)perylene	29.598	276	1578217	37.221	ng	# 97

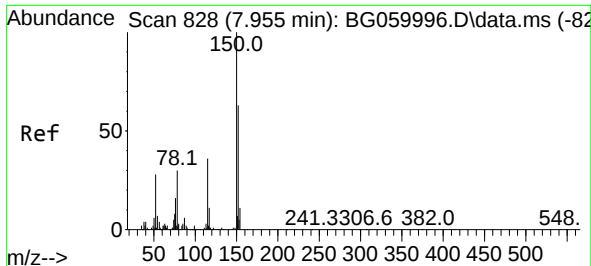
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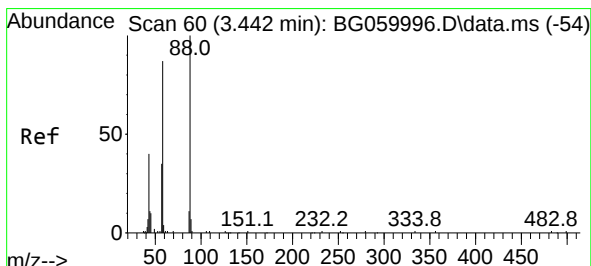
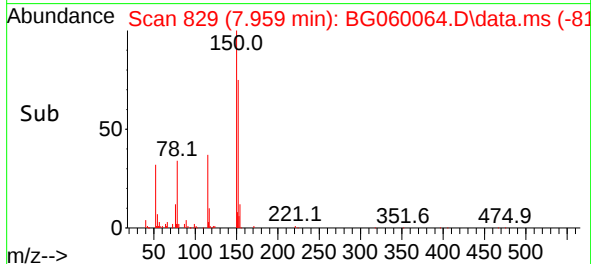
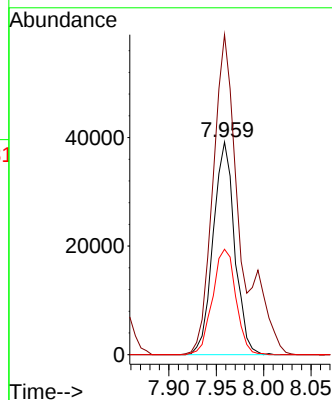
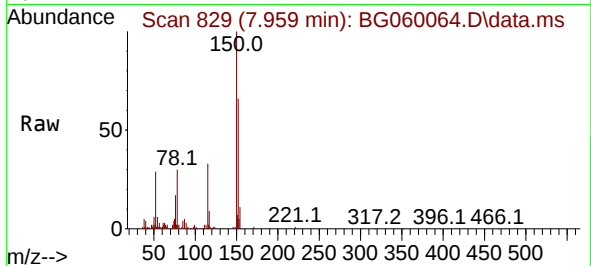




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.959 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BG060064.D
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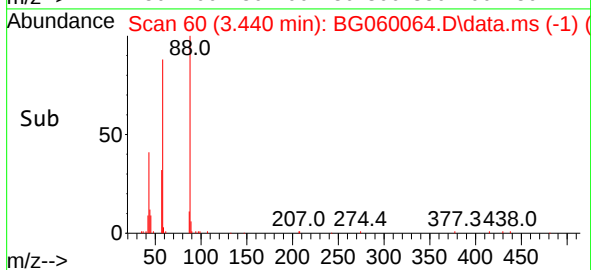
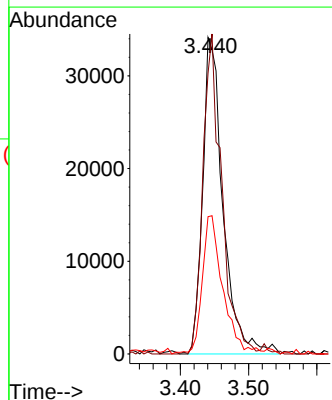
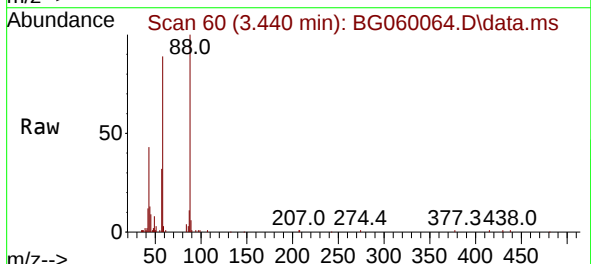
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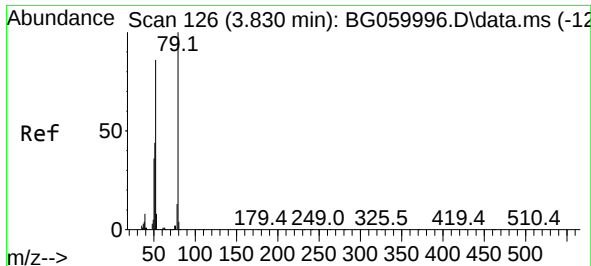
Tgt Ion:152 Resp: 61825
 Ion Ratio Lower Upper
 152 100
 150 150.5 127.0 190.6
 115 49.6 45.7 68.5



#2
 1,4-Dioxane
 Concen: 41.521 ng
 RT: 3.440 min Scan# 60
 Delta R.T. 0.000 min
 Lab File: BG060064.D
 Acq: 18 Dec 2023 13:25

Tgt Ion: 88 Resp: 70958
 Ion Ratio Lower Upper
 88 100
 58 93.0 68.5 102.7
 43 42.2 28.8 43.2

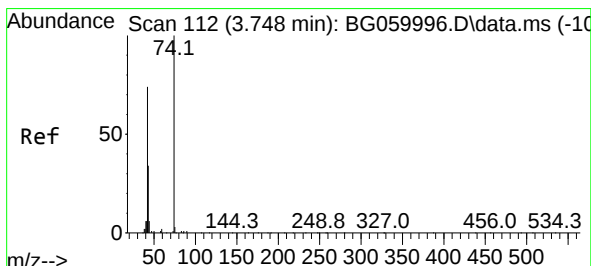
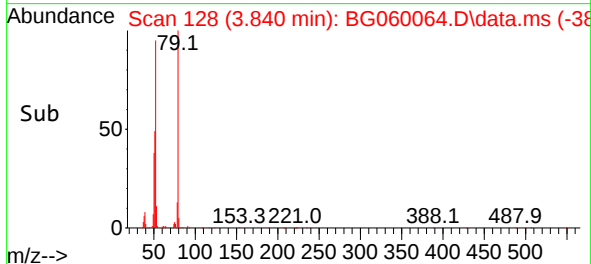
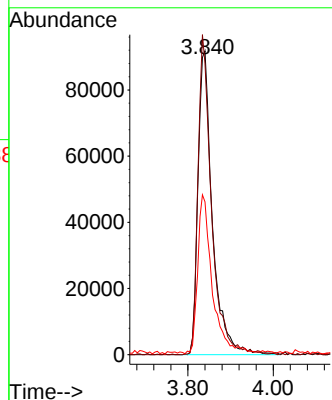
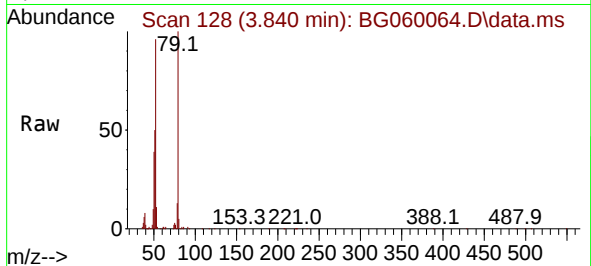




#3
Pyridine
Concen: 45.056 ng
RT: 3.840 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

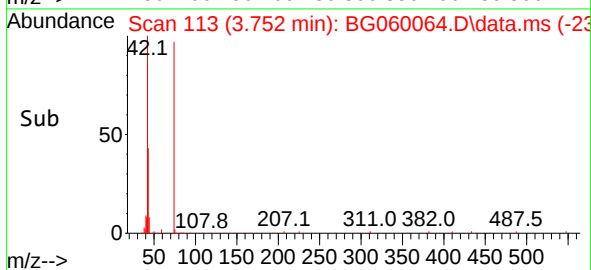
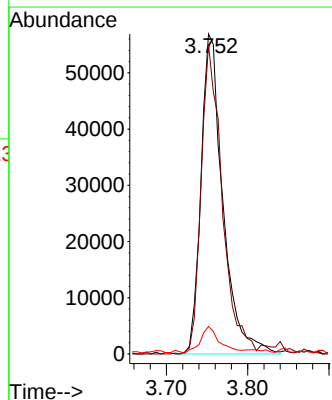
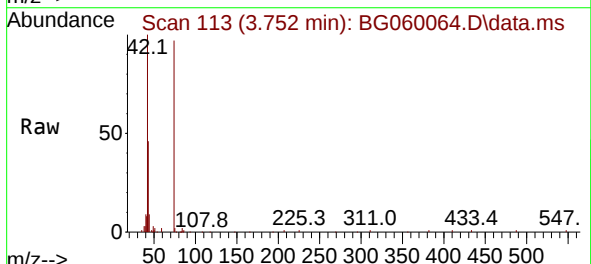
Instrument :
BNA_F
ClientSampleId :

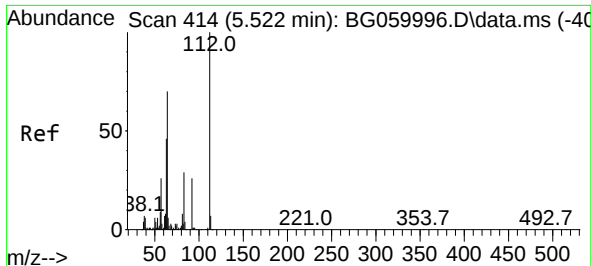
Tgt Ion: 79 Resp: 215645
Ion Ratio Lower Upper
79 100
52 95.8 68.7 103.1
51 50.3 41.1 61.7



#4
n-Nitrosodimethylamine
Concen: 45.294 ng
RT: 3.752 min Scan# 113
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

Tgt Ion: 42 Resp: 106629
Ion Ratio Lower Upper
42 100
74 96.7 107.4 161.2#
44 8.6 6.0 9.0

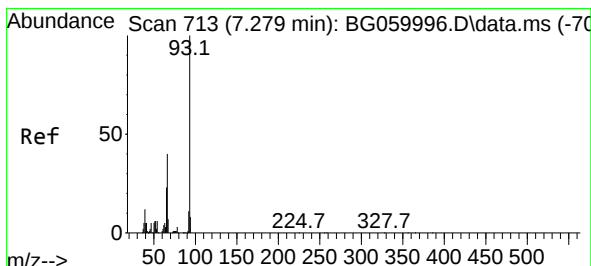
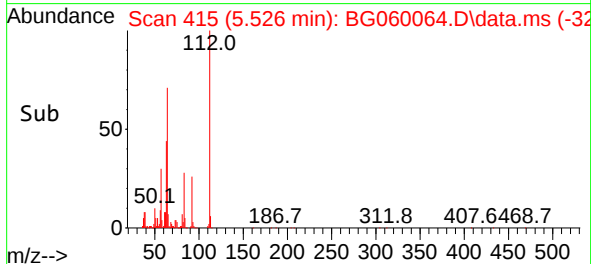
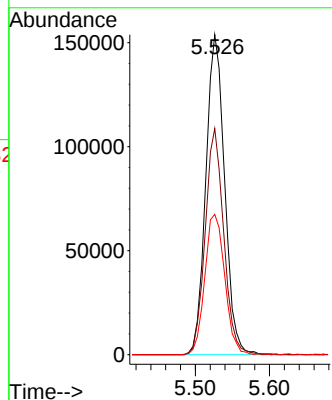
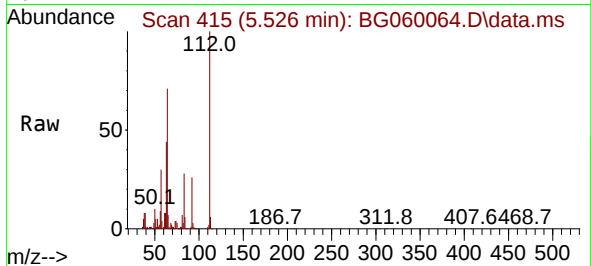




#5
2-Fluorophenol
Concen: 75.089 ng
RT: 5.526 min Scan# 414
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

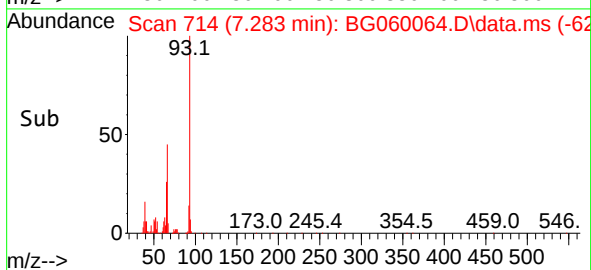
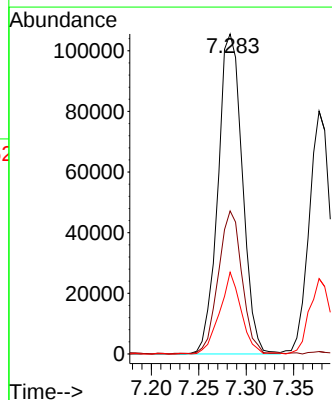
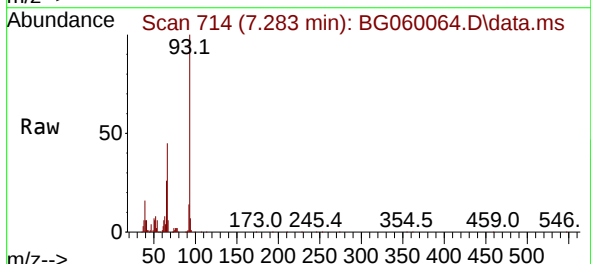
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ClientSampleId :

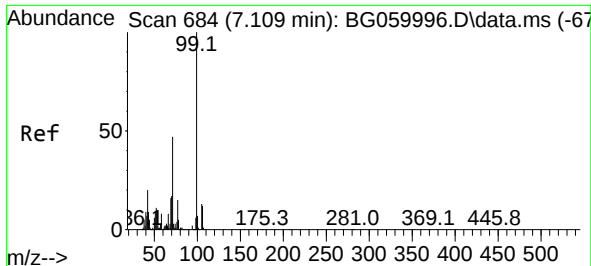
Tgt Ion:112 Resp: 271192
Ion Ratio Lower Upper
112 100
64 70.6 55.9 83.9
63 43.8 36.5 54.7



#6
Aniline
Concen: 36.558 ng
RT: 7.283 min Scan# 714
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

Tgt Ion: 93 Resp: 189168
Ion Ratio Lower Upper
93 100
66 44.7 31.8 47.8
65 25.6 18.6 28.0

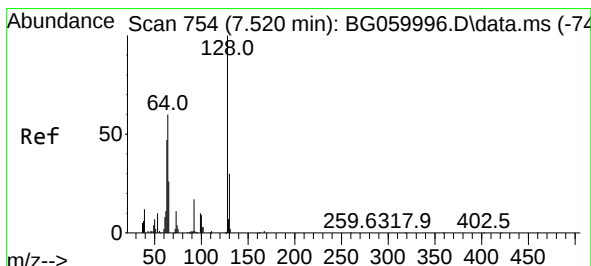
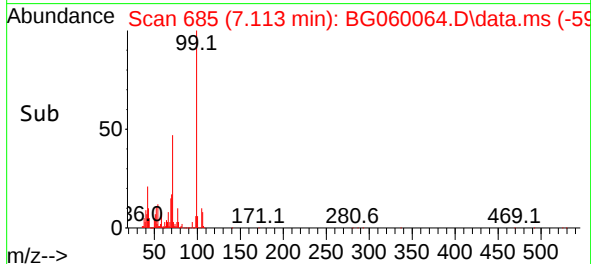
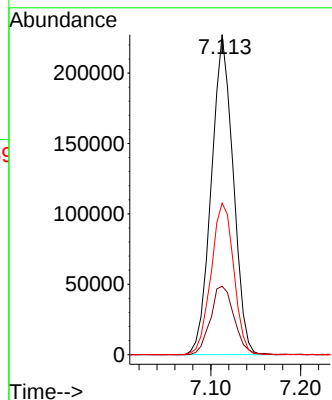
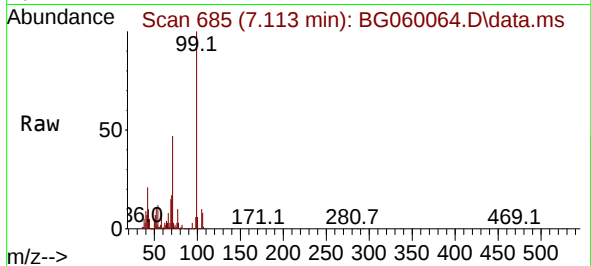




#7
Phenol-d6
Concen: 75.505 ng
RT: 7.113 min Scan# 685
Delta R.T. 0.000 min
Lab File: BG060064.D
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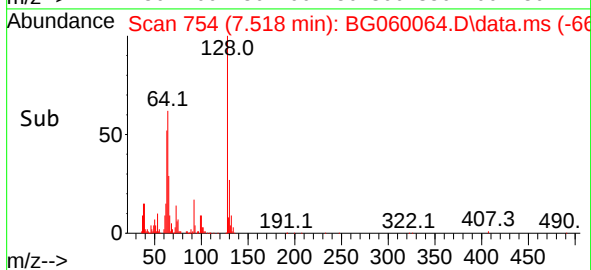
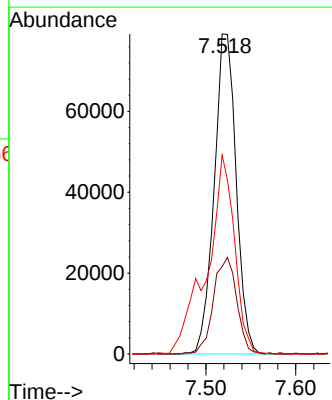
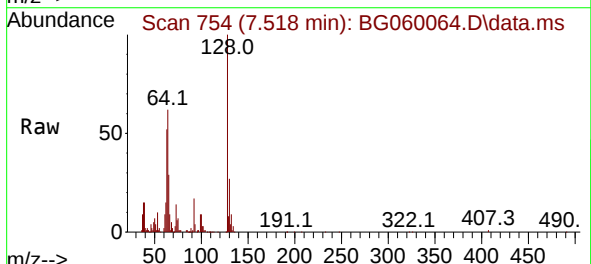
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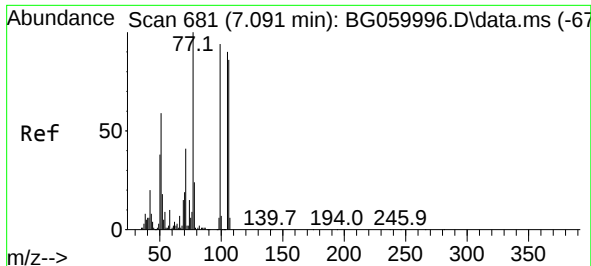
Tgt Ion: 99 Resp: 383584
Ion Ratio Lower Upper
99 100
42 21.4 16.2 24.4
71 47.3 37.6 56.4



#8
2-Chlorophenol
Concen: 39.325 ng
RT: 7.518 min Scan# 754
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

Tgt Ion:128 Resp: 134587
Ion Ratio Lower Upper
128 100
130 27.3 10.3 50.3
64 62.2 44.2 84.2

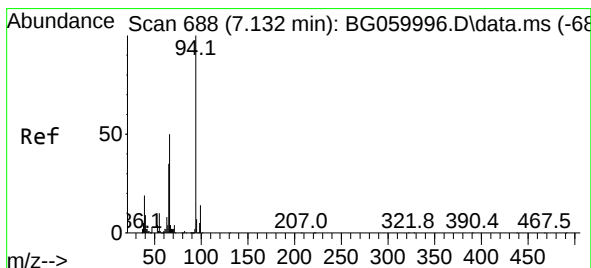
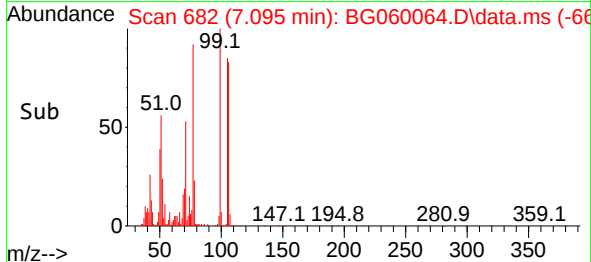
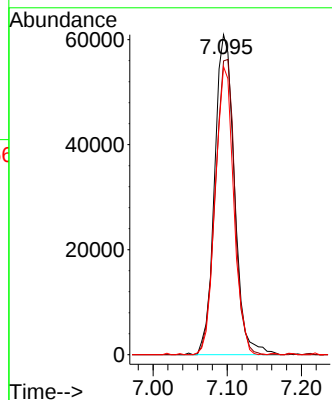
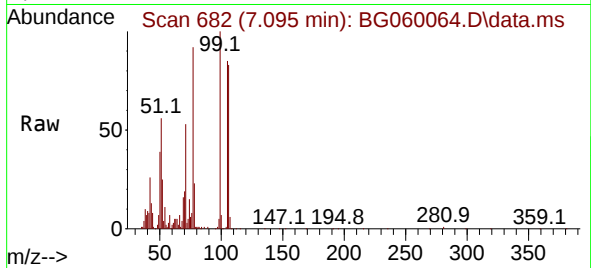




#9
Benzaldehyde
Concen: 36.542 ng
RT: 7.095 min Scan# 61
Delta R.T. 0.000 min
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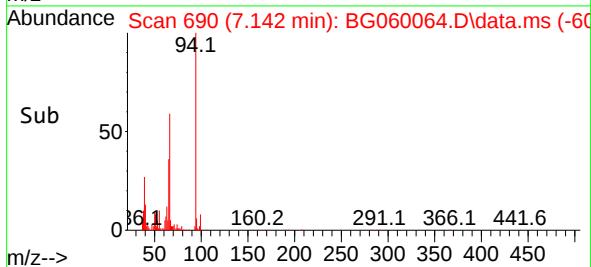
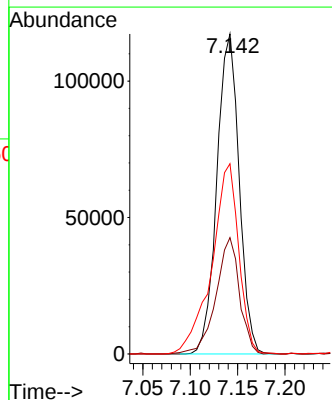
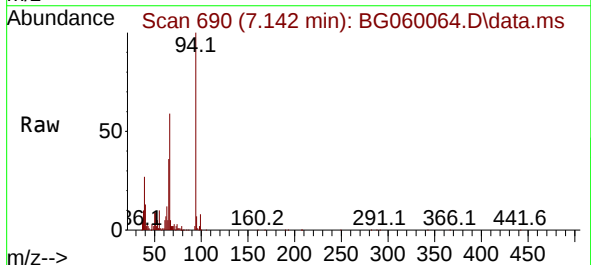
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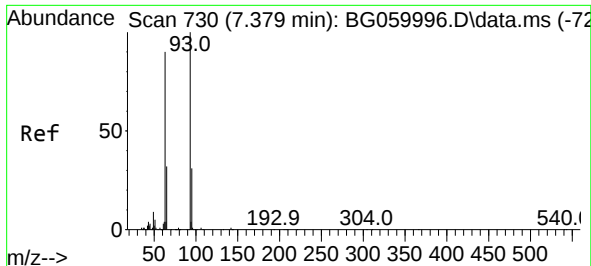
Tgt Ion: 77 Resp: 112879
Ion Ratio Lower Upper
77 100
105 91.8 70.5 110.5
106 90.0 66.0 106.0



#10
Phenol
Concen: 37.537 ng
RT: 7.142 min Scan# 690
Delta R.T. 0.000 min
Lab File: BG060064.D
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Tgt Ion: 94 Resp: 191570
Ion Ratio Lower Upper
94 100
65 36.4 15.5 55.5
66 59.5 31.6 71.6

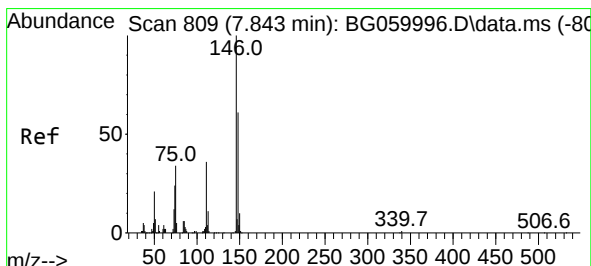
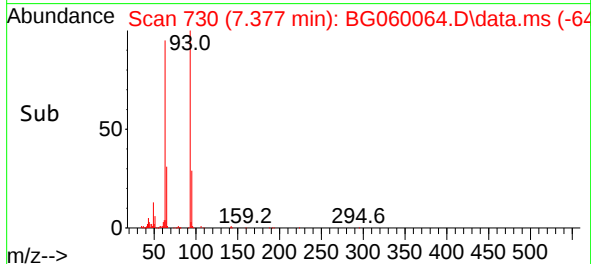
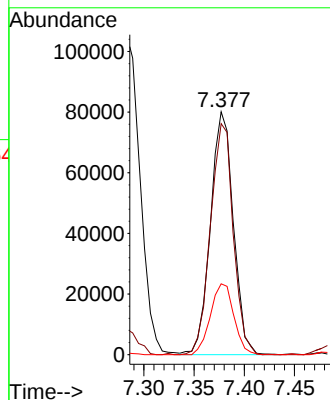
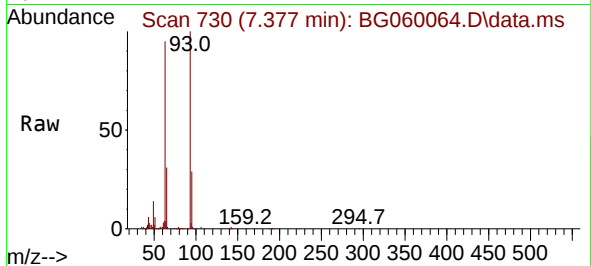




#11
bis(2-Chloroethyl)ether
Concen: 34.764 ng
RT: 7.377 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

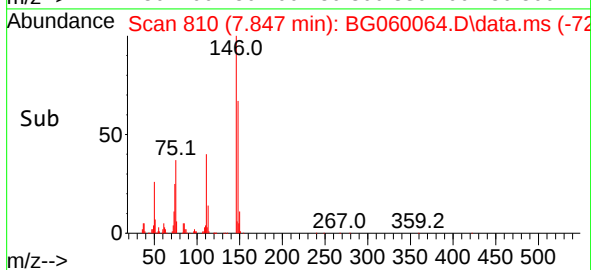
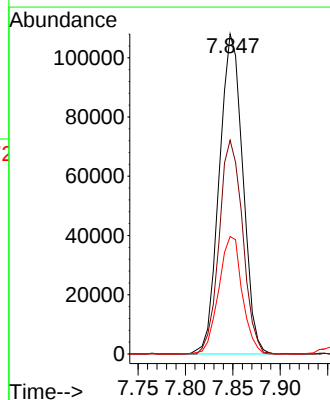
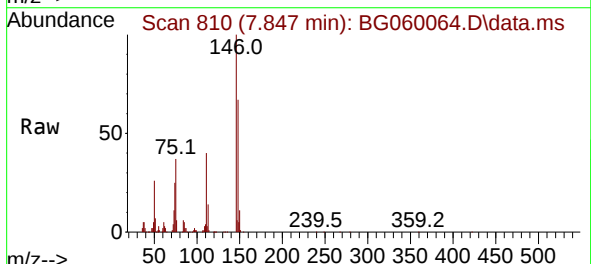
Instrument :
BNA_F
ClientSampleId :

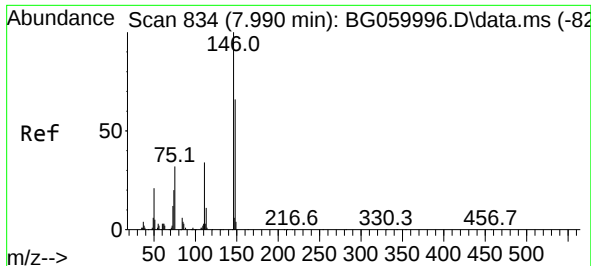
Tgt Ion: 93 Resp: 127014
Ion Ratio Lower Upper
93 100
63 95.2 69.8 109.8
95 29.2 10.7 50.7



#12
1,3-Dichlorobenzene
Concen: 40.784 ng
RT: 7.847 min Scan# 810
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

Tgt Ion:146 Resp: 186652
Ion Ratio Lower Upper
146 100
148 66.8 49.1 73.7
75 36.7 27.0 40.6





#13

1,4-Dichlorobenzene

Concen: 39.899 ng

RT: 7.994 min Scan# 81

Delta R.T. 0.000 min

Lab File: BG060064.D

Acq: 18 Dec 2023 13:25

Instrument :

BNA_F

ClientSampleId :

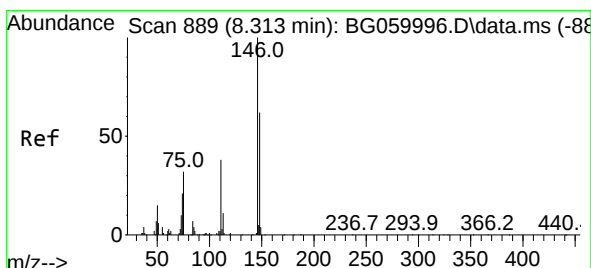
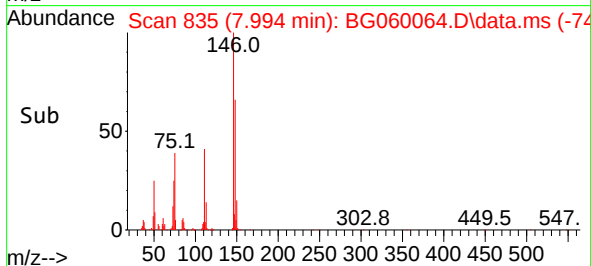
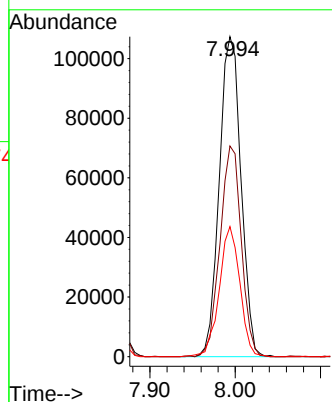
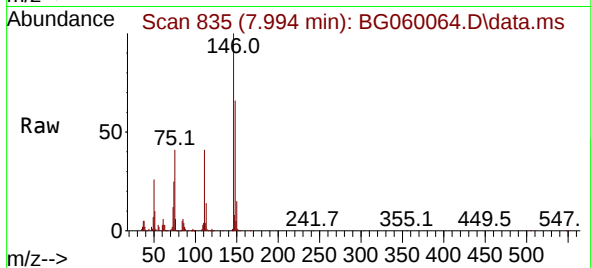
Tgt Ion:146 Resp: 190014

Ion Ratio Lower Upper

146 100

148 65.9 52.9 79.3

111 40.6 27.6 41.4



#14

1,2-Dichlorobenzene

Concen: 40.527 ng

RT: 8.311 min Scan# 889

Delta R.T. 0.000 min

Lab File: BG060064.D

Acq: 18 Dec 2023 13:25

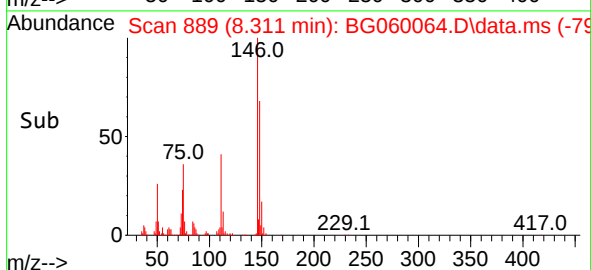
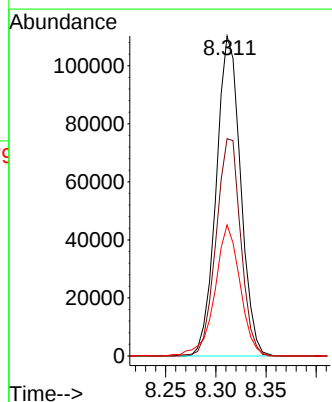
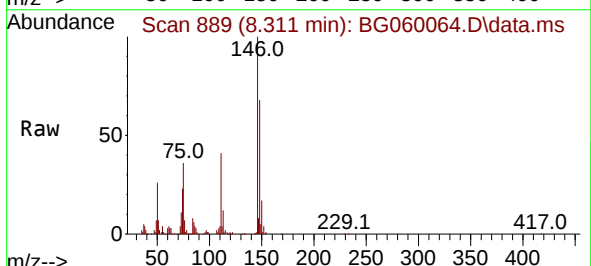
Tgt Ion:146 Resp: 185688

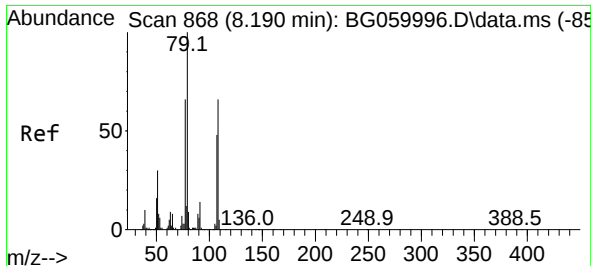
Ion Ratio Lower Upper

146 100

148 67.9 49.7 74.5

111 41.0 30.9 46.3

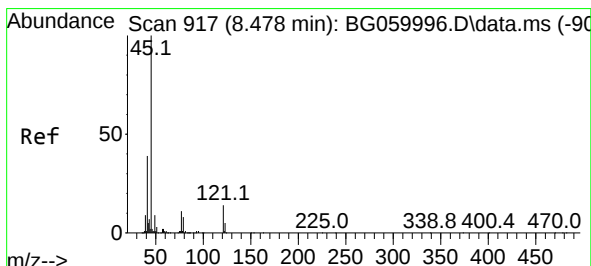
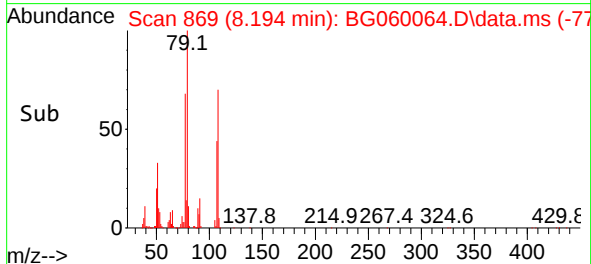
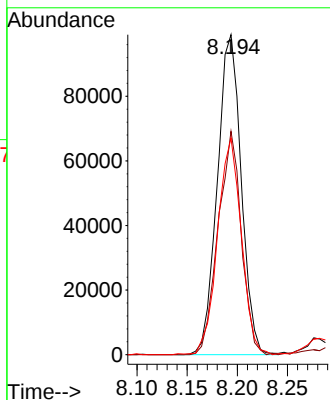
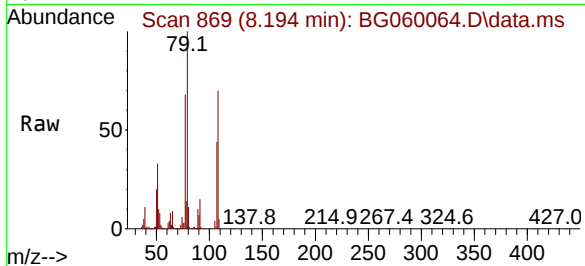




#15
Benzyl Alcohol
Concen: 40.109 ng
RT: 8.194 min Scan# 868
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

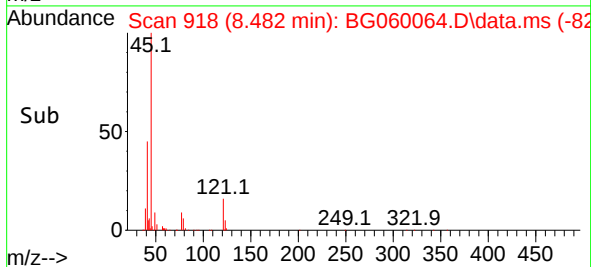
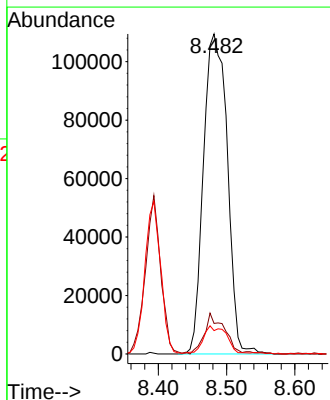
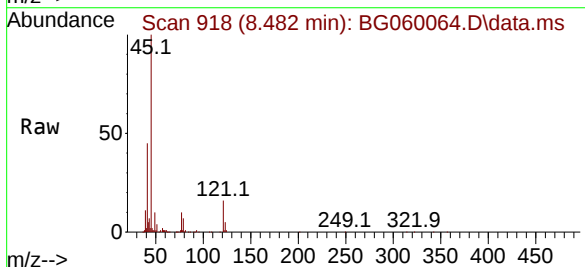
Instrument :
BNA_F
ClientSampleId :

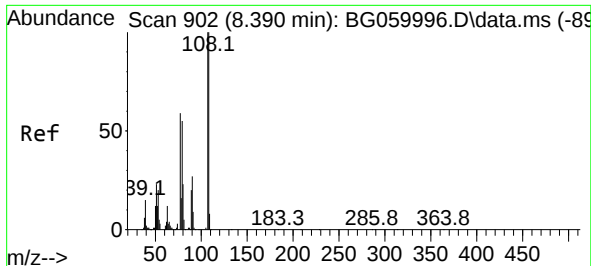
Tgt Ion: 79 Resp: 163771
Ion Ratio Lower Upper
79 100
108 69.8 53.1 79.7
77 67.7 52.8 79.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.754 ng
RT: 8.482 min Scan# 918
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

Tgt Ion: 45 Resp: 266444
Ion Ratio Lower Upper
45 100
77 9.5 0.0 31.7
79 7.3 0.0 28.7





#17

2-Methylphenol

Concen: 40.210 ng

RT: 8.393 min Scan# 90

Delta R.T. 0.000 min

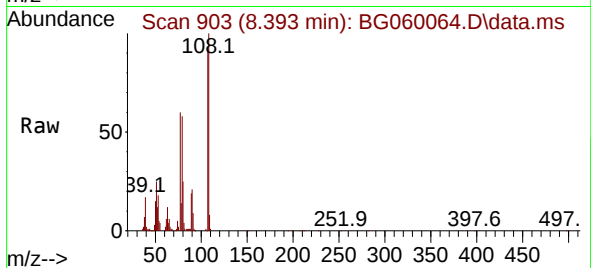
Lab File: BG060064.D

Acq: 18 Dec 2023 13:25

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:107 Resp: 136816

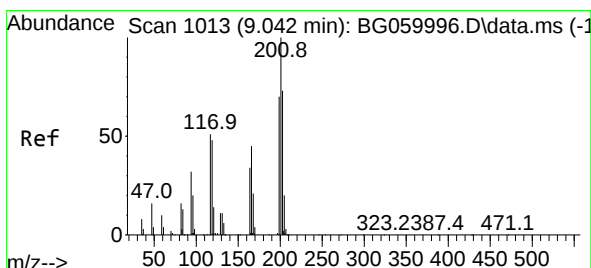
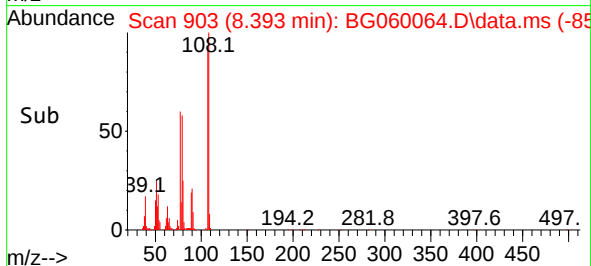
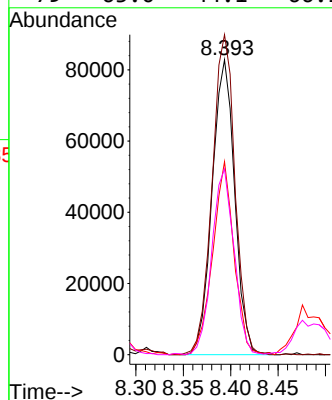
Ion Ratio Lower Upper

107 100

108 108.5 80.7 121.1

77 65.4 47.8 71.6

79 63.0 44.1 66.1



#18

Hexachloroethane

Concen: 40.114 ng

RT: 9.046 min Scan# 1014

Delta R.T. 0.000 min

Lab File: BG060064.D

Acq: 18 Dec 2023 13:25

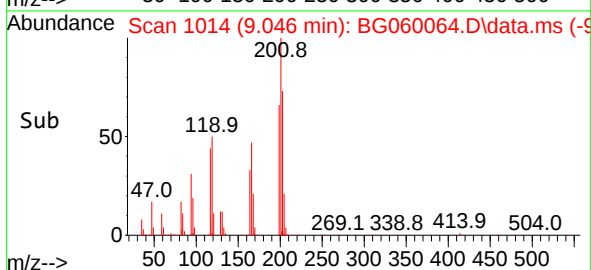
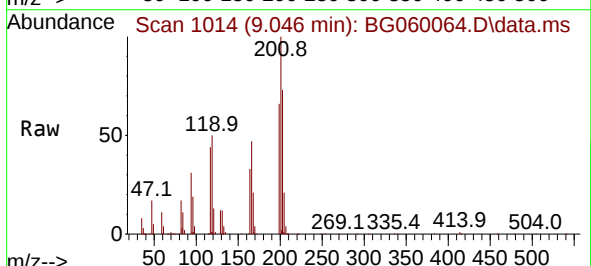
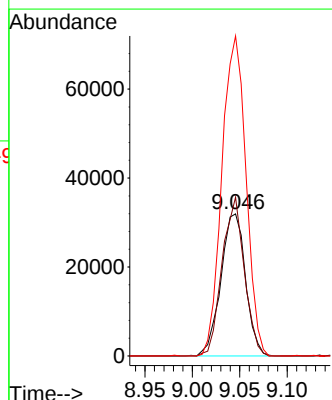
Tgt Ion:117 Resp: 57871

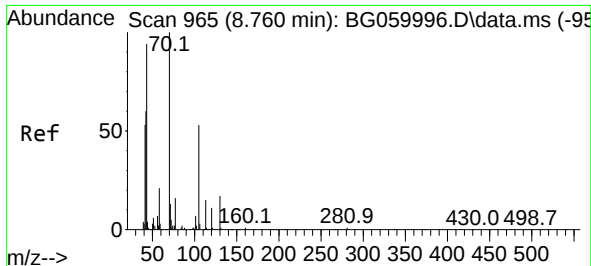
Ion Ratio Lower Upper

117 100

119 113.0 74.5 111.7#

201 225.3 156.5 234.7

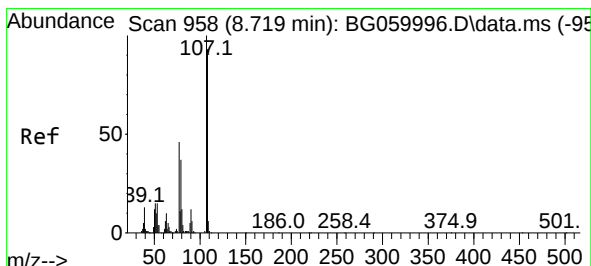
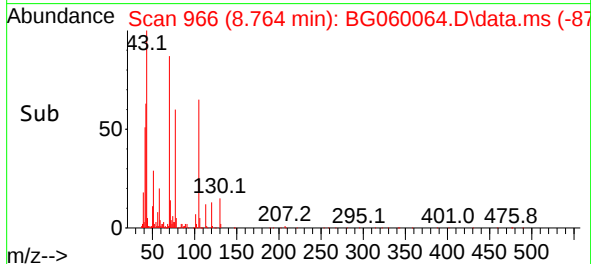
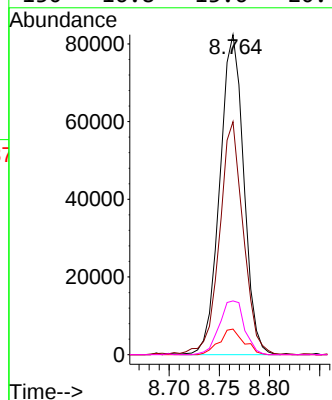
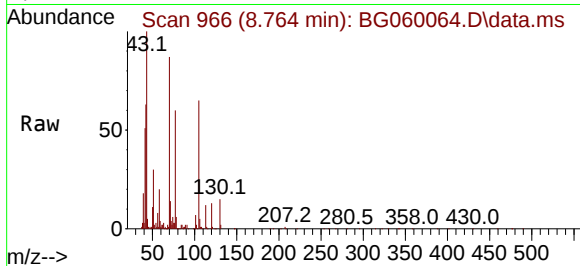




#19
n-Nitroso-di-n-propylamine
Concen: 41.656 ng
RT: 8.764 min Scan# 965
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

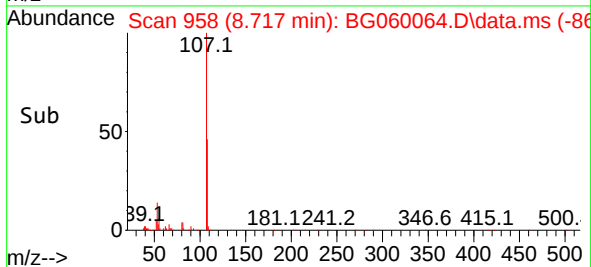
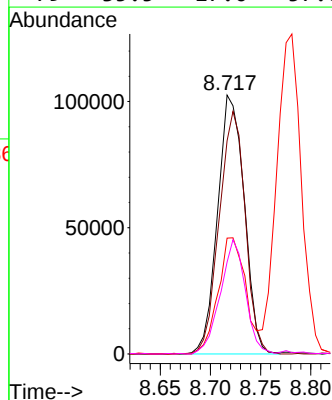
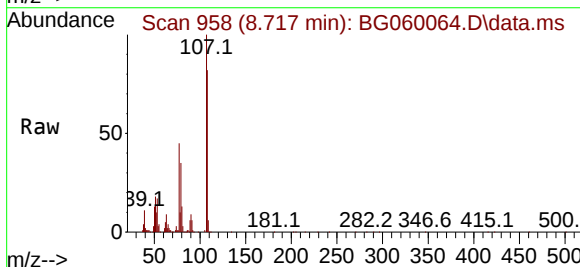
Instrument :
BNA_F
ClientSampleId :

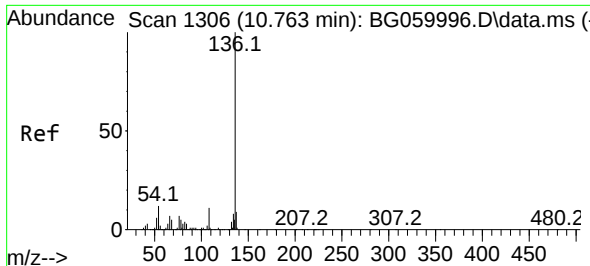
Tgt Ion: 70 Resp: 136535
Ion Ratio Lower Upper
70 100
42 72.8 48.6 73.0
101 8.0 5.7 8.5
130 16.8 13.6 20.4



#20
3+4-Methylphenols
Concen: 39.811 ng
RT: 8.717 min Scan# 958
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

Tgt Ion: 107 Resp: 189203
Ion Ratio Lower Upper
107 100
108 82.4 72.8 112.8
77 44.8 25.6 65.6
79 35.5 17.0 57.0

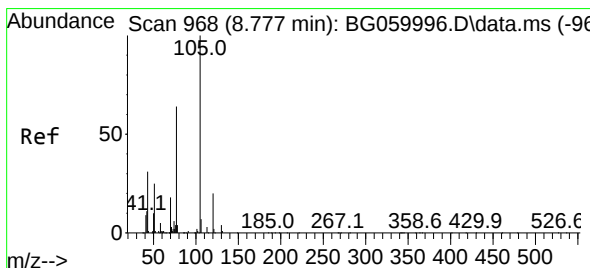
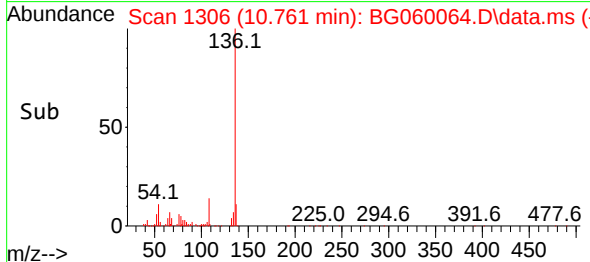
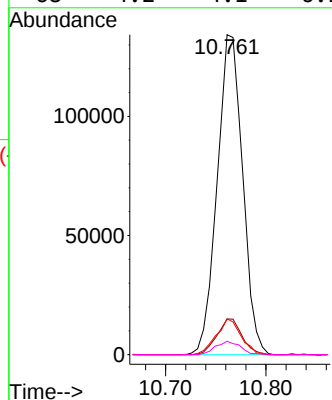
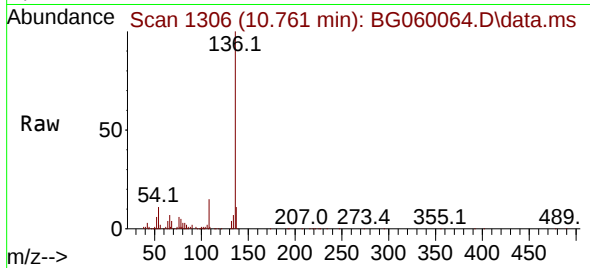




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.761 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

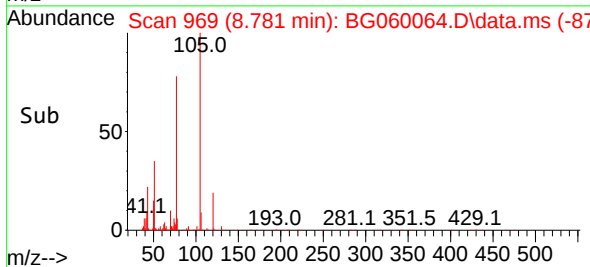
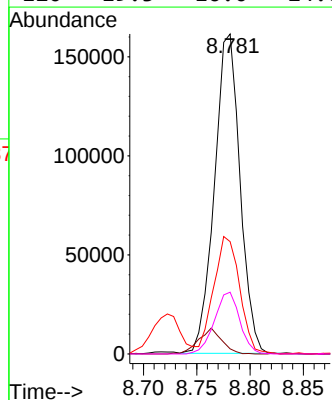
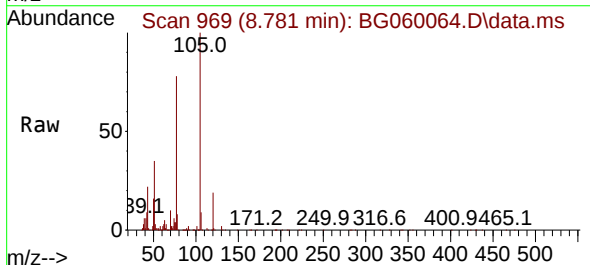
Instrument :
BNA_F
ClientSampleId :

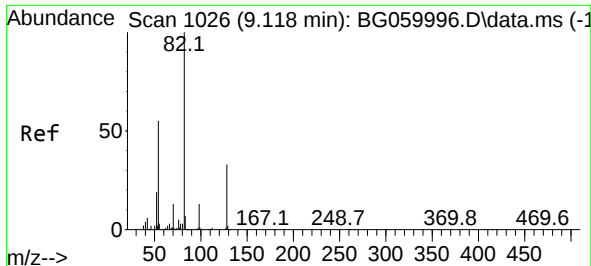
Tgt Ion:136 Resp: 236263
Ion Ratio Lower Upper
136 100
137 11.2 7.3 10.9#
54 11.2 9.6 14.4
68 4.2 4.1 6.1



#22
Acetophenone
Concen: 38.955 ng
RT: 8.781 min Scan# 969
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

Tgt Ion:105 Resp: 268202
Ion Ratio Lower Upper
105 100
71 1.6 2.1 3.1#
51 35.1 25.4 38.0
120 19.3 16.0 24.0





#23

Nitrobenzene-d5

Concen: 78.679 ng

RT: 9.122 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BG060064.D

Acq: 18 Dec 2023 13:25

Instrument :

BNF

ClientSampleId :

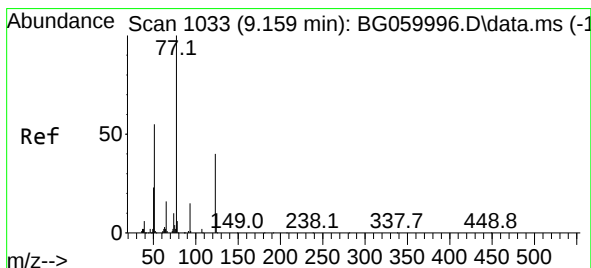
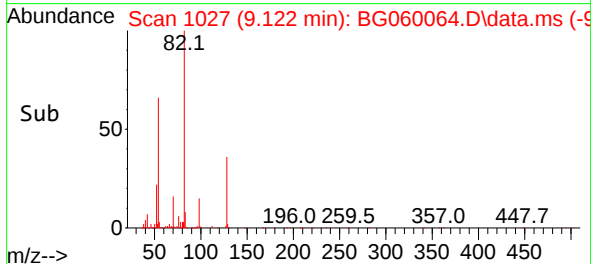
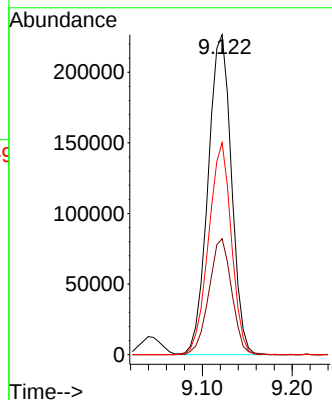
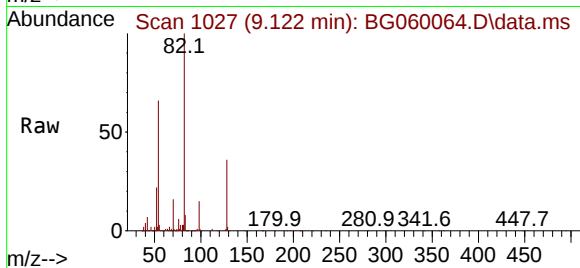
Tgt Ion: 82 Resp: 409373

Ion Ratio Lower Upper

82 100

128 36.3 26.3 39.5

54 66.3 44.3 66.5



#24

Nitrobenzene

Concen: 38.202 ng

RT: 9.163 min Scan# 1034

Delta R.T. 0.000 min

Lab File: BG060064.D

Acq: 18 Dec 2023 13:25

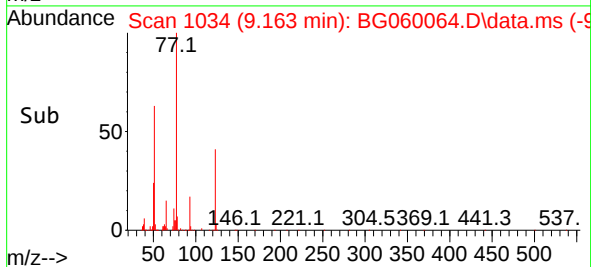
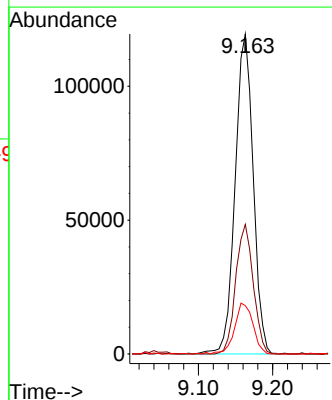
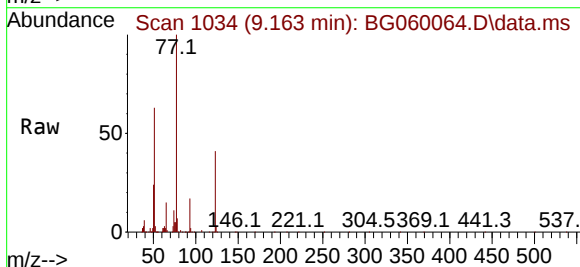
Tgt Ion: 77 Resp: 201800

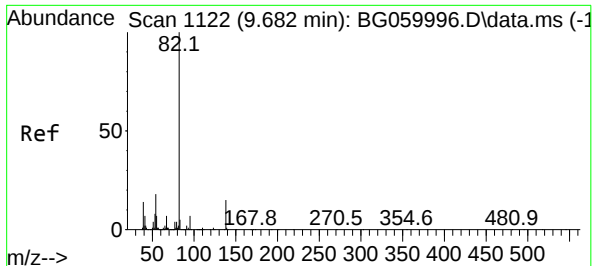
Ion Ratio Lower Upper

77 100

123 40.5 32.1 48.1

65 15.1 13.0 19.4

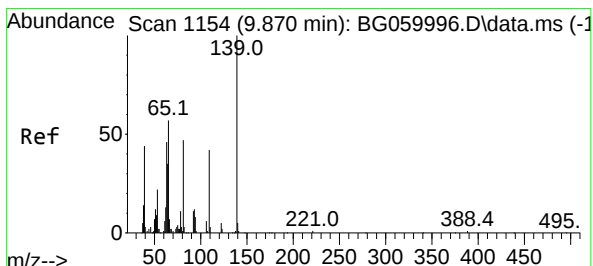
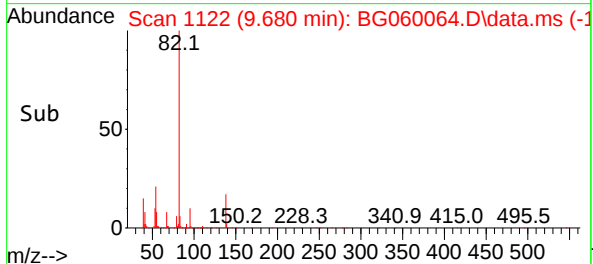
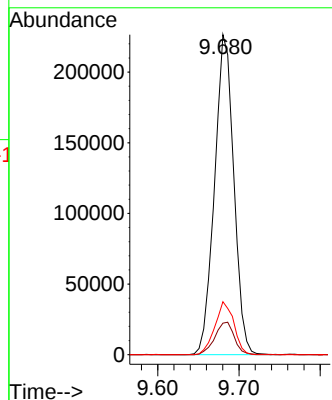
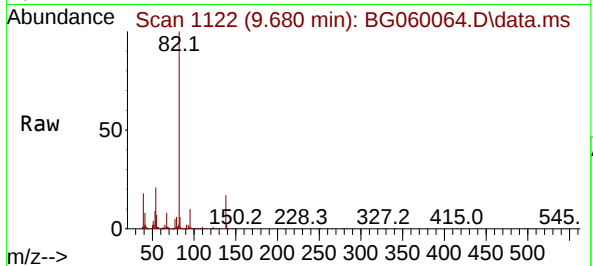




#25
Isophorone
Concen: 37.506 ng
RT: 9.680 min Scan# 1122
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

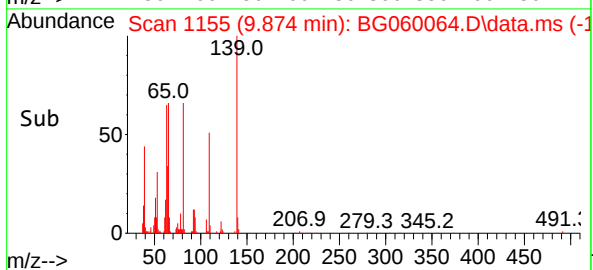
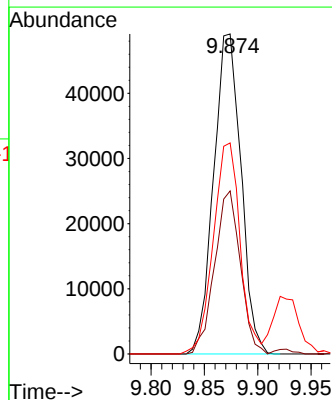
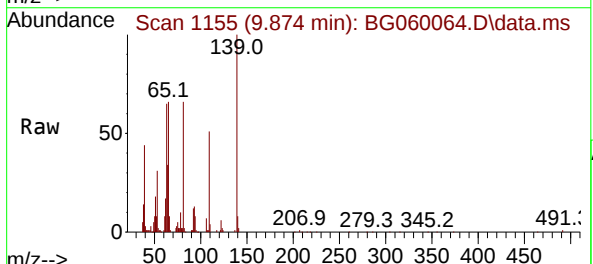
Instrument :
BNA_F
ClientSampleId :

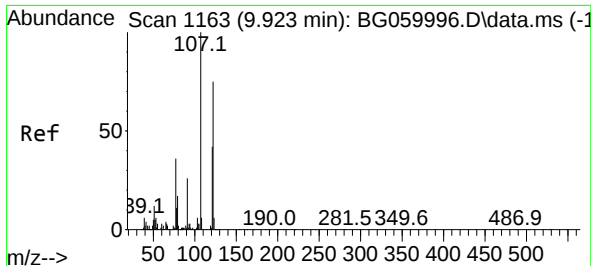
Tgt Ion: 82 Resp: 373496
Ion Ratio Lower Upper
82 100
95 9.9 5.8 8.8#
138 16.6 11.6 17.4



#26
2-Nitrophenol
Concen: 45.085 ng
RT: 9.874 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

Tgt Ion:139 Resp: 87587
Ion Ratio Lower Upper
139 100
109 51.0 33.8 50.6#
65 65.9 45.2 67.8

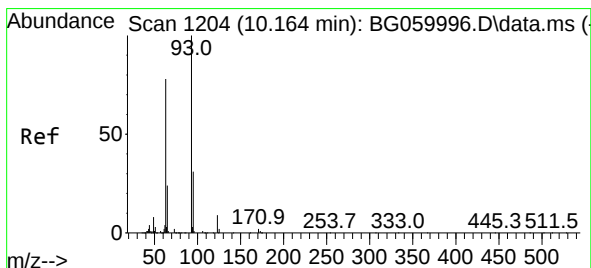
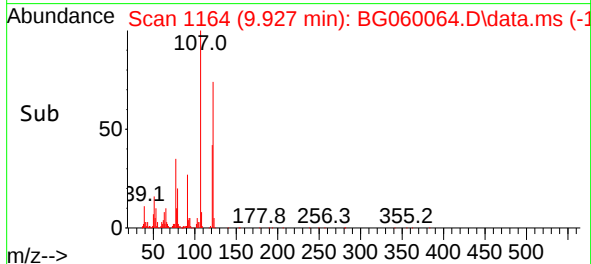
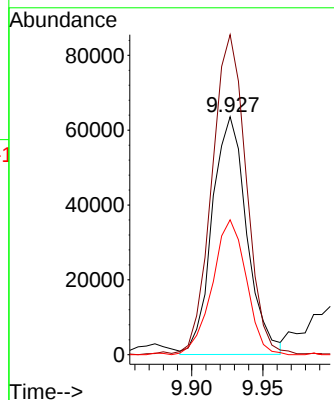
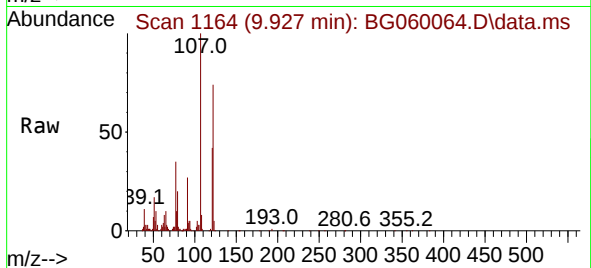




#27
2,4-Dimethylphenol
Concen: 40.439 ng
RT: 9.927 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

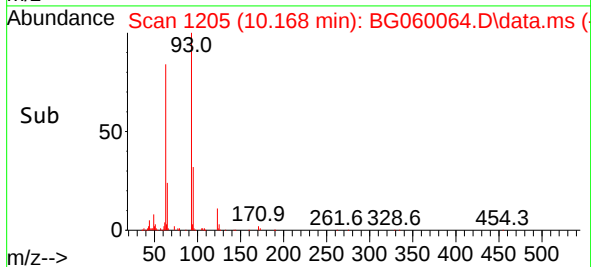
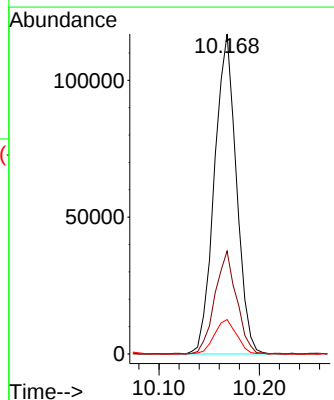
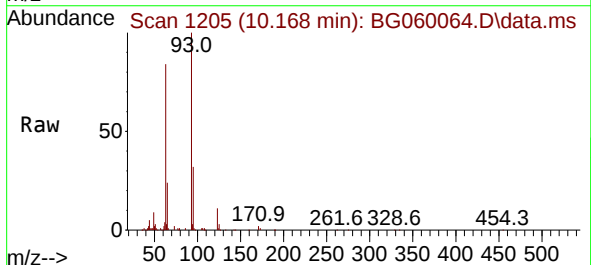
Instrument :
BNA_F
ClientSampleId :

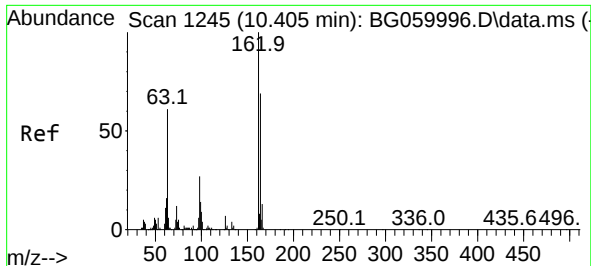
Tgt Ion:122 Resp: 107686
Ion Ratio Lower Upper
122 100
107 134.5 105.9 158.9
121 56.7 44.5 66.7



#28
bis(2-Chloroethoxy)methane
Concen: 34.563 ng
RT: 10.168 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

Tgt Ion: 93 Resp: 177707
Ion Ratio Lower Upper
93 100
95 32.2 24.7 37.1
123 10.8 7.5 11.3





#29

2,4-Dichlorophenol

Concen: 42.335 ng

RT: 10.403 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG060064.D

Acq: 18 Dec 2023 13:25

Instrument :

BNA_F

ClientSampleId :

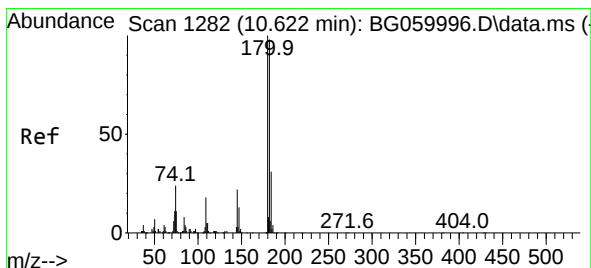
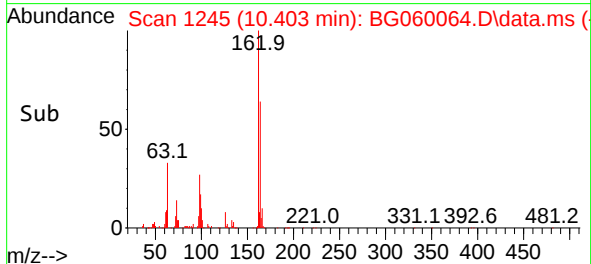
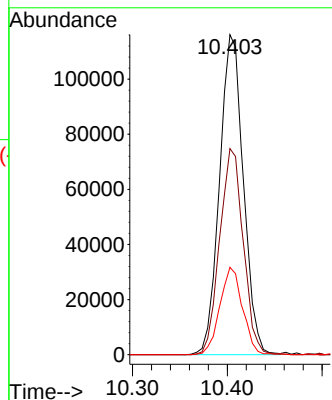
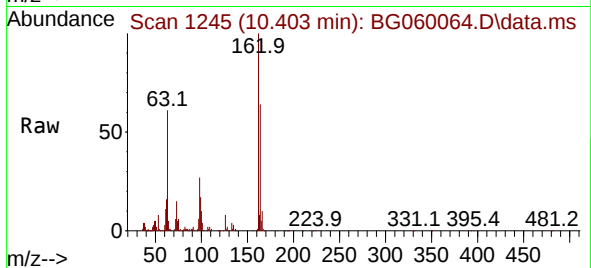
Tgt Ion:162 Resp: 202477

Ion Ratio Lower Upper

162 100

164 64.4 48.8 88.8

98 27.3 7.2 47.2



#30

1,2,4-Trichlorobenzene

Concen: 42.646 ng

RT: 10.626 min Scan# 1283

Delta R.T. 0.000 min

Lab File: BG060064.D

Acq: 18 Dec 2023 13:25

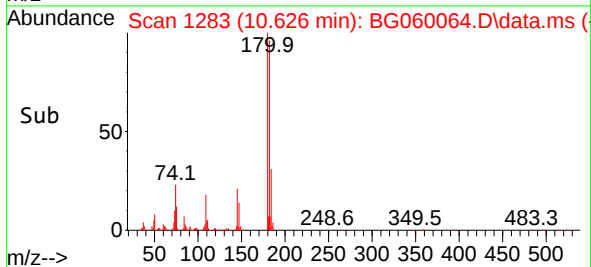
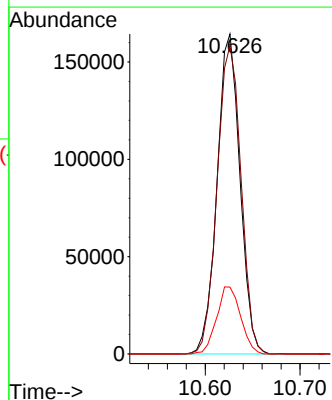
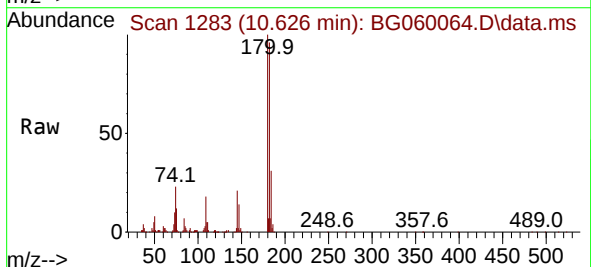
Tgt Ion:180 Resp: 276081

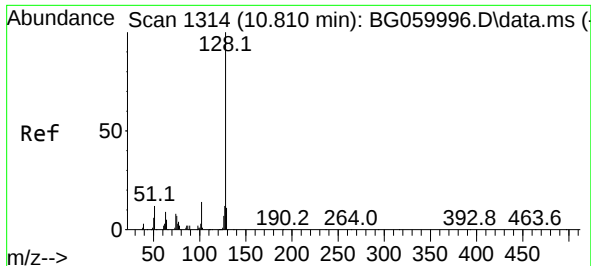
Ion Ratio Lower Upper

180 100

182 96.4 78.2 117.4

145 20.9 17.2 25.8

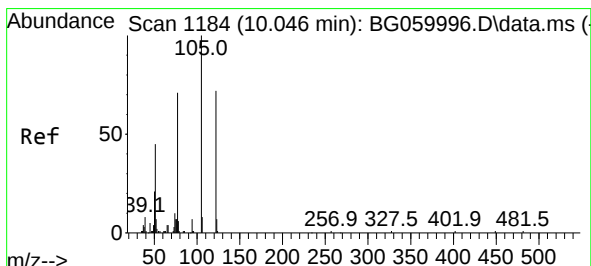
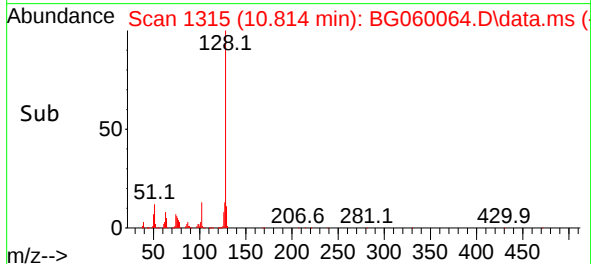
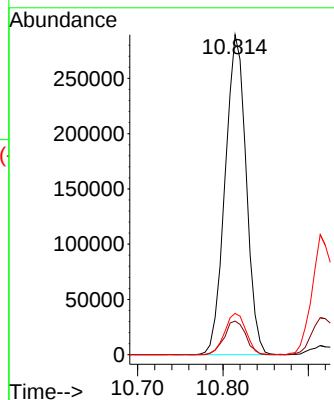
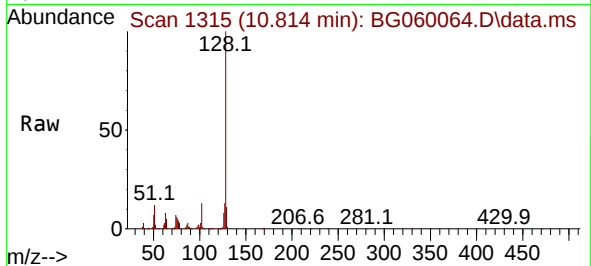




#31
Naphthalene
Concen: 40.383 ng
RT: 10.814 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

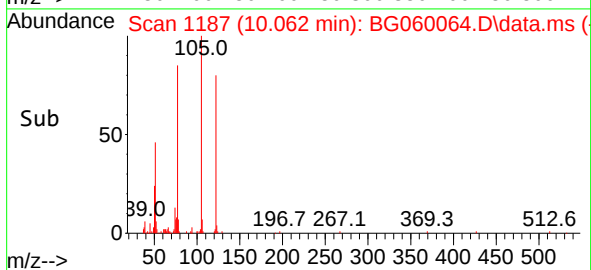
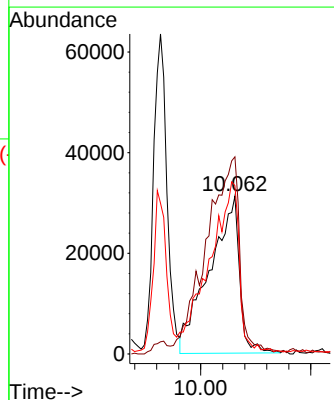
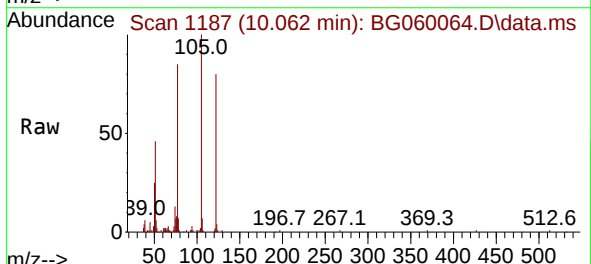
Instrument :
BNA_F
ClientSampleId :

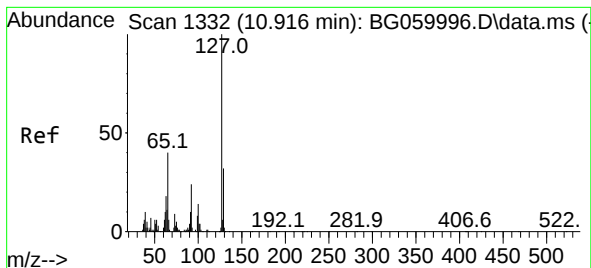
Tgt Ion:128 Resp: 496682
Ion Ratio Lower Upper
128 100
129 10.5 9.2 13.8
127 12.9 9.7 14.5



#32
Benzoic acid
Concen: 48.423 ng
RT: 10.062 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

Tgt Ion:122 Resp: 117295
Ion Ratio Lower Upper
122 100
105 124.8 106.2 146.2
77 106.5 80.4 120.4

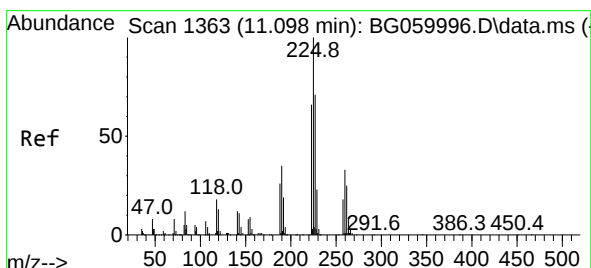
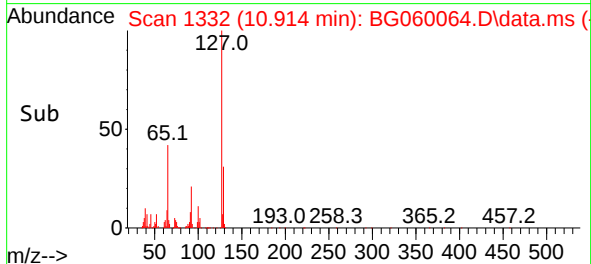
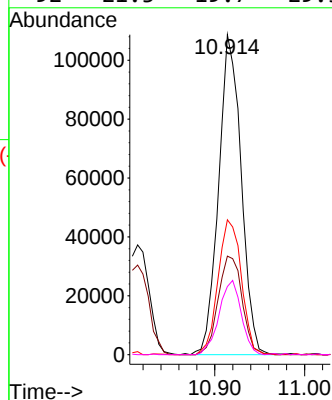
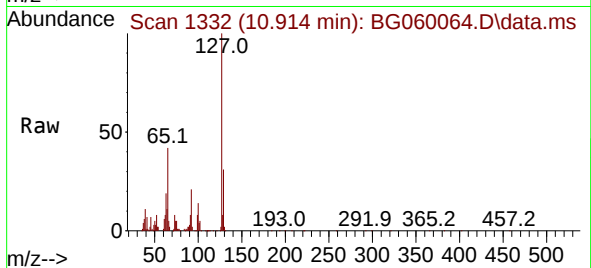




#33
4-Chloroaniline
Concen: 40.482 ng
RT: 10.914 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

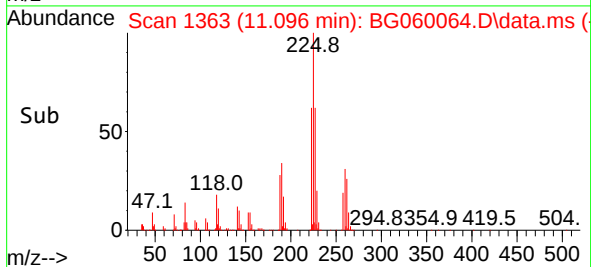
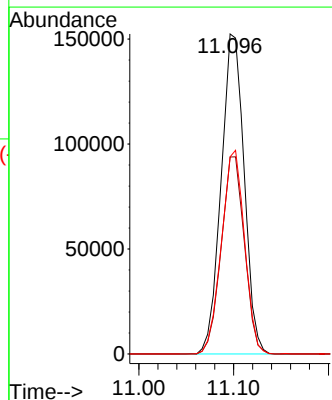
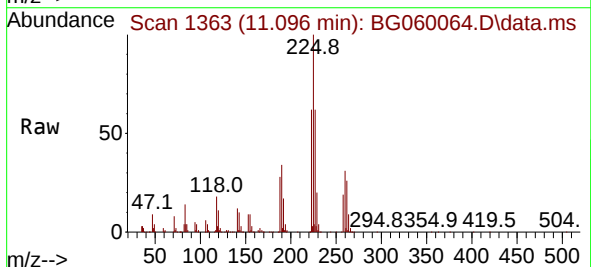
Instrument :
BNA_F
ClientSampleId :

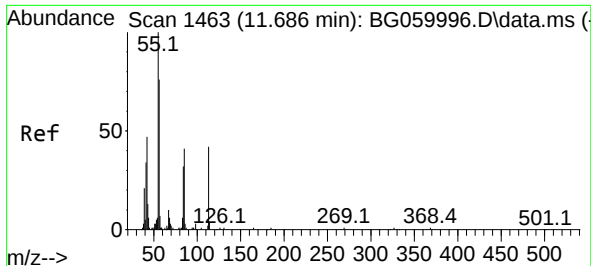
Tgt Ion:	127	Resp:	189450
Ion	Ratio	Lower	Upper
127	100		
129	30.8	25.7	38.5
65	42.1	32.3	48.5
92	21.3	19.7	29.5



#34
Hexachlorobutadiene
Concen: 43.449 ng
RT: 11.096 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

Tgt Ion:	225	Resp:	257446
Ion	Ratio	Lower	Upper
225	100		
223	61.6	52.4	78.6
227	61.6	56.6	85.0

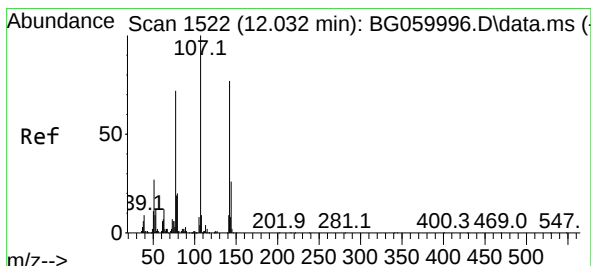
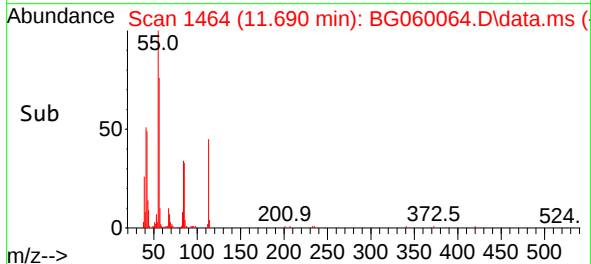
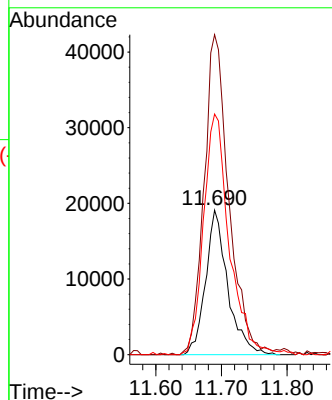
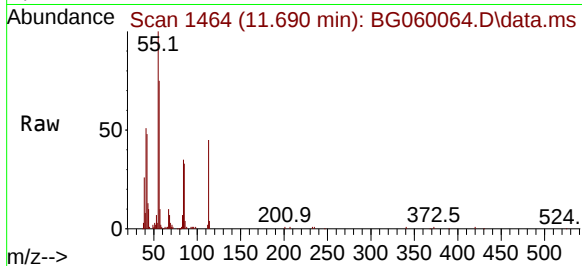




#35
Caprolactam
Concen: 36.920 ng
RT: 11.690 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

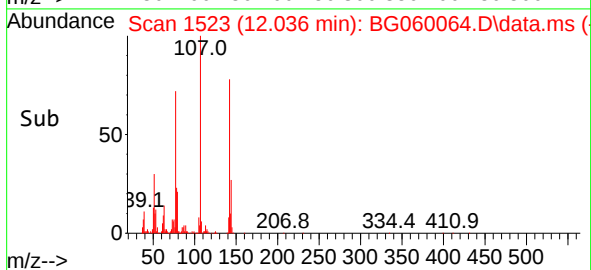
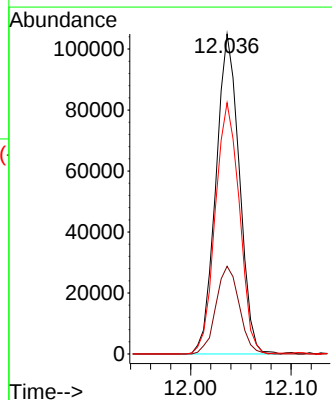
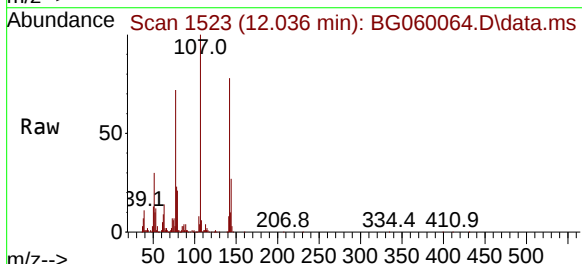
Instrument :
BNA_F
ClientSampleId :

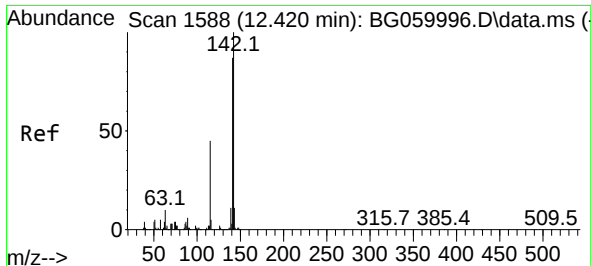
Tgt Ion:	113	Resp:	44856
Ion Ratio	Lower	Upper	
113	100		
55	221.5	219.5	259.5
56	166.6	161.6	201.6



#36
4-Chloro-3-methylphenol
Concen: 39.080 ng
RT: 12.036 min Scan# 1523
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

Tgt Ion:	107	Resp:	169990
Ion Ratio	Lower	Upper	
107	100		
144	27.4	20.4	30.6
142	78.5	61.4	92.0

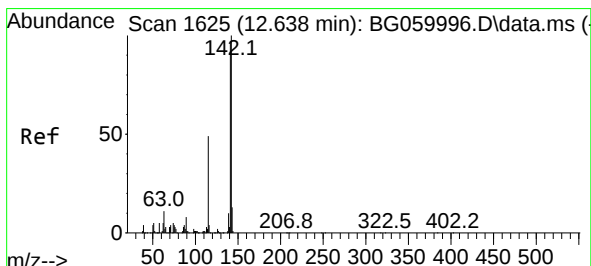
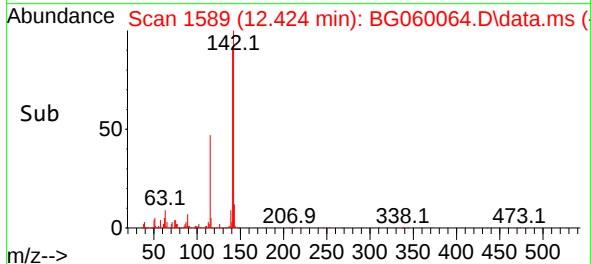
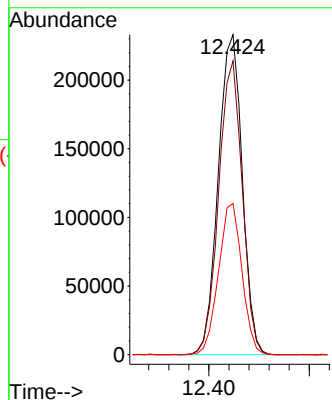
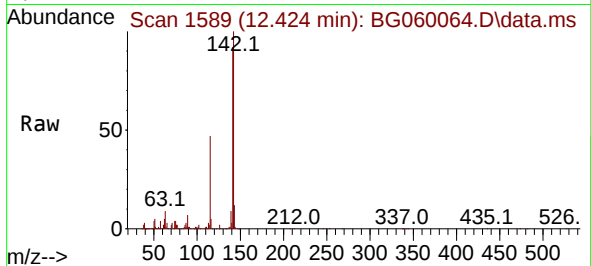




#37
2-Methylnaphthalene
Concen: 40.077 ng
RT: 12.424 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

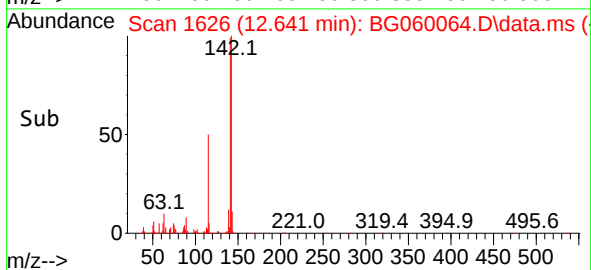
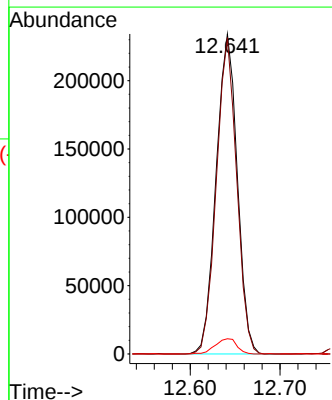
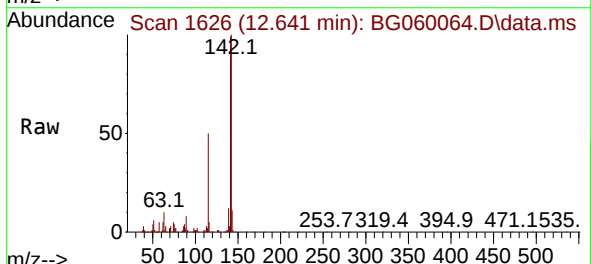
Instrument :
BNA_F
ClientSampleId :

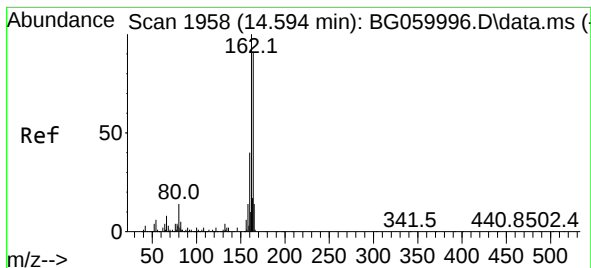
Tgt Ion:142 Resp: 386609
Ion Ratio Lower Upper
142 100
141 91.8 69.9 104.9
115 47.2 36.1 54.1



#38
1-Methylnaphthalene
Concen: 40.125 ng
RT: 12.641 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

Tgt Ion:142 Resp: 382346
Ion Ratio Lower Upper
142 100
141 98.9 76.9 115.3
116 4.7 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.598 min Scan# 1958

Delta R.T. 0.000 min

Lab File: BG060064.D

Acq: 18 Dec 2023 13:25

Instrument :

BNA_F

ClientSampleId :

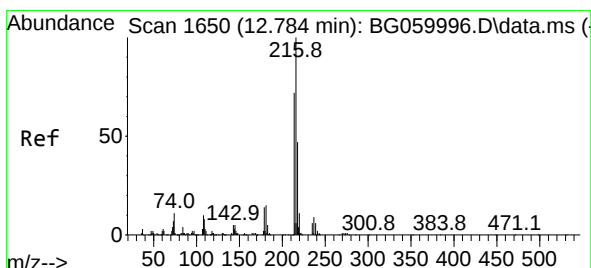
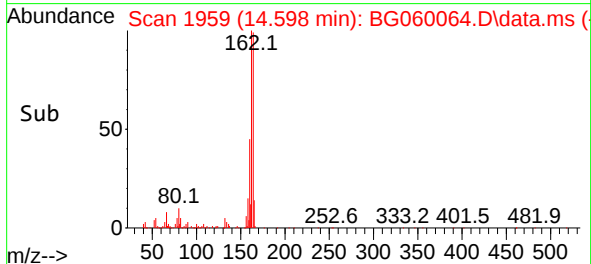
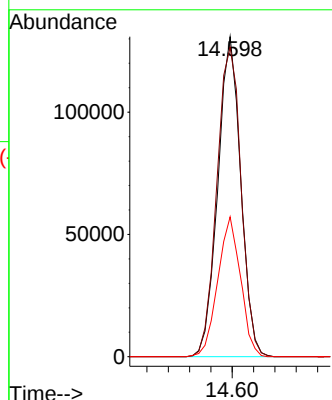
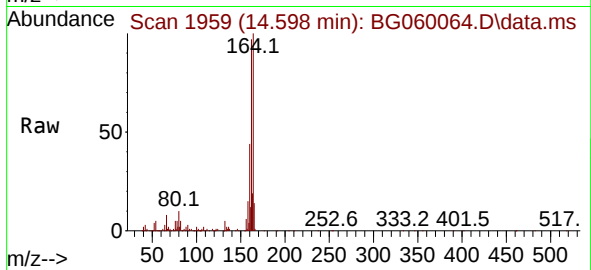
Tgt Ion:164 Resp: 194977

Ion Ratio Lower Upper

164 100

162 96.7 88.1 132.1

160 43.7 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.735 ng

RT: 12.788 min Scan# 1651

Delta R.T. 0.000 min

Lab File: BG060064.D

Acq: 18 Dec 2023 13:25

Tgt Ion:216 Resp: 424231

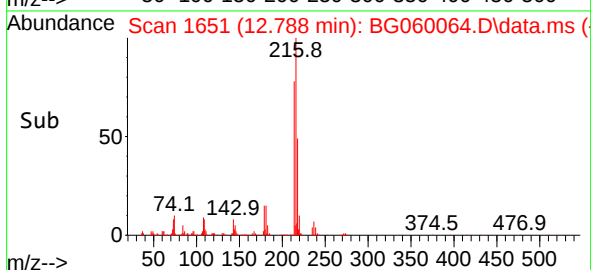
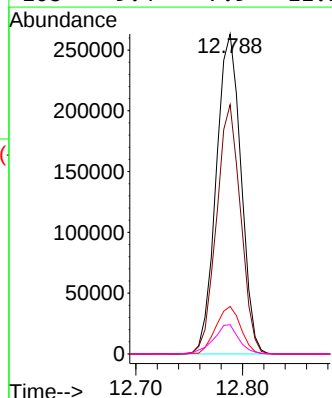
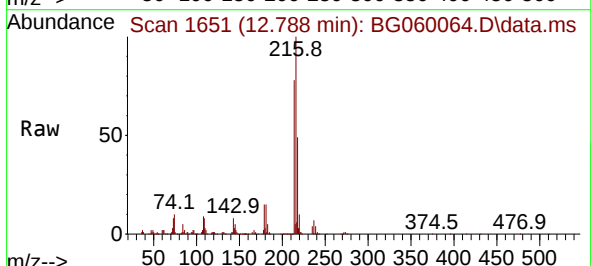
Ion Ratio Lower Upper

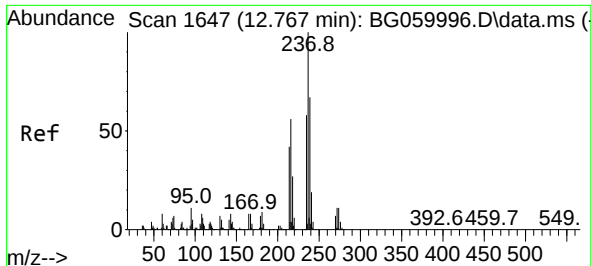
216 100

214 75.7 60.3 90.5

179 14.9 11.9 17.9

108 9.4 7.9 11.9

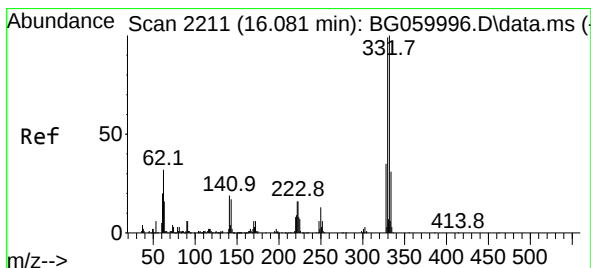
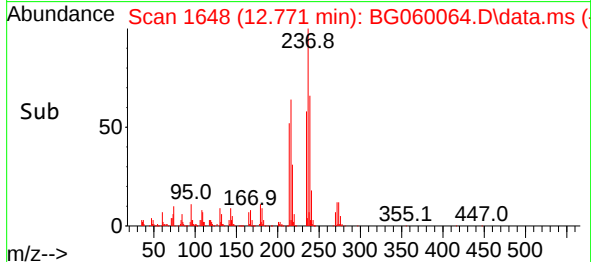
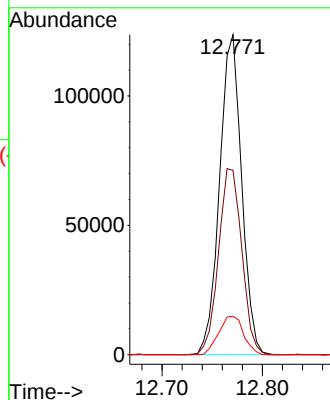
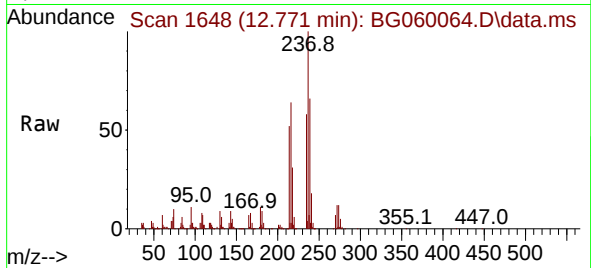




#41
Hexachlorocyclopentadiene
Concen: 44.852 ng
RT: 12.771 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

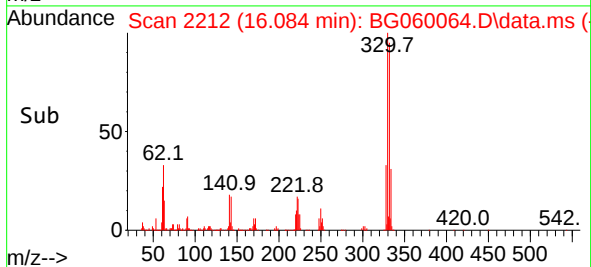
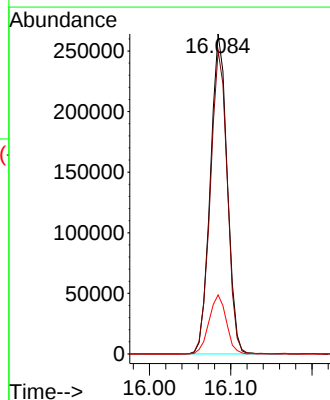
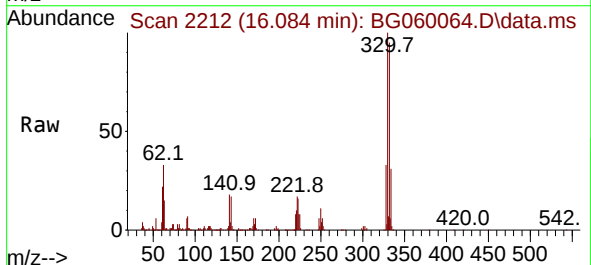
Instrument :
BNA_F
ClientSampleId :

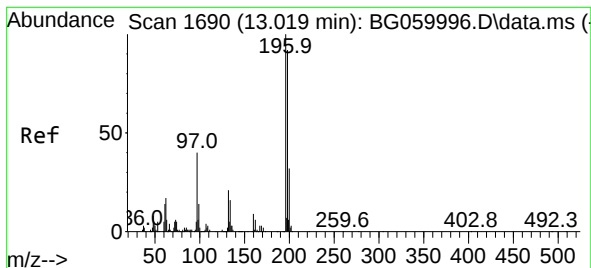
Tgt Ion:237 Resp: 188370
Ion Ratio Lower Upper
237 100
235 57.6 38.5 78.5
272 12.0 0.0 31.2



#42
2,4,6-Tribromophenol
Concen: 83.717 ng
RT: 16.084 min Scan# 2212
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

Tgt Ion:330 Resp: 380398
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 18.8 14.3 21.5





#43

2,4,6-Trichlorophenol

Concen: 41.562 ng

RT: 13.023 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG060064.D

Acq: 18 Dec 2023 13:25

Instrument :

BNA_F

ClientSampleId :

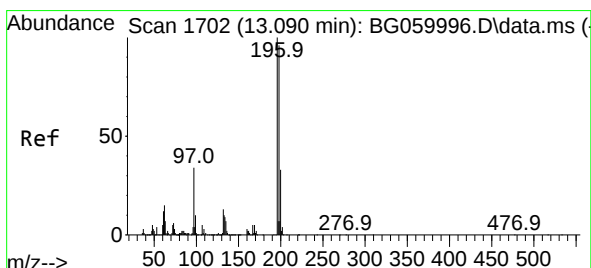
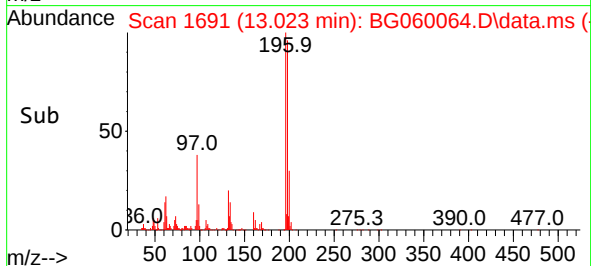
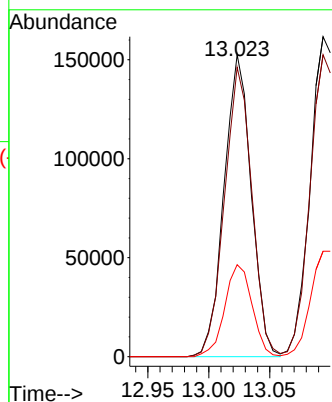
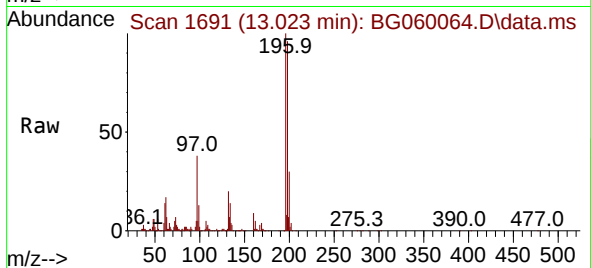
Tgt Ion:196 Resp: 236873

Ion Ratio Lower Upper

196 100

198 95.7 73.4 110.0

200 30.5 26.1 39.1



#44

2,4,5-Trichlorophenol

Concen: 41.248 ng

RT: 13.094 min Scan# 1703

Delta R.T. 0.000 min

Lab File: BG060064.D

Acq: 18 Dec 2023 13:25

Tgt Ion:196 Resp: 255704

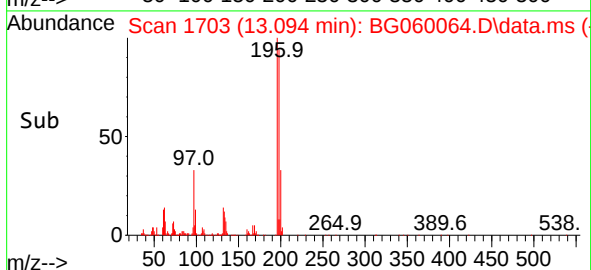
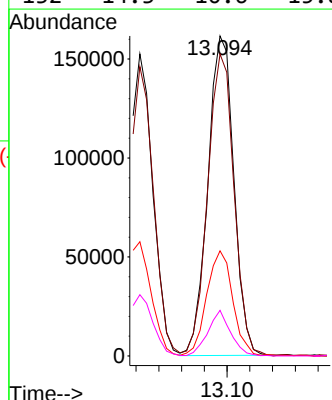
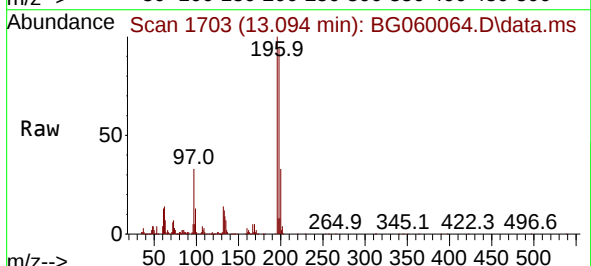
Ion Ratio Lower Upper

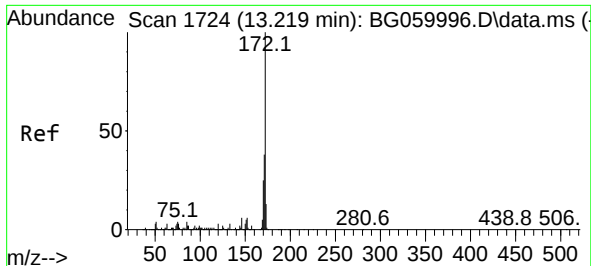
196 100

198 94.3 76.4 114.6

97 32.9 27.0 40.4

132 14.3 10.6 15.8

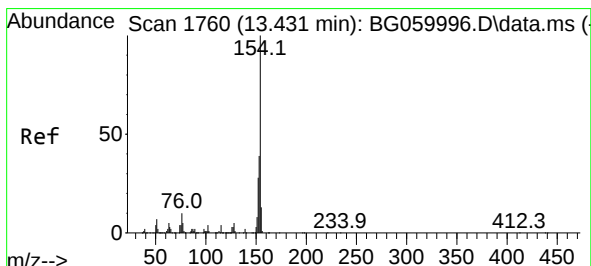
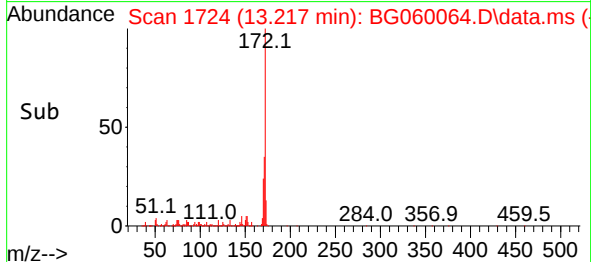
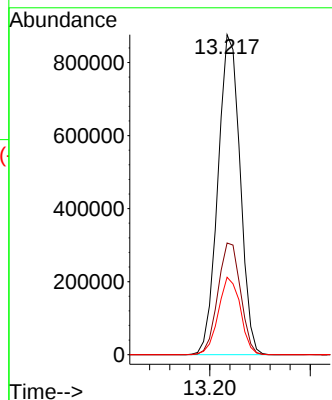
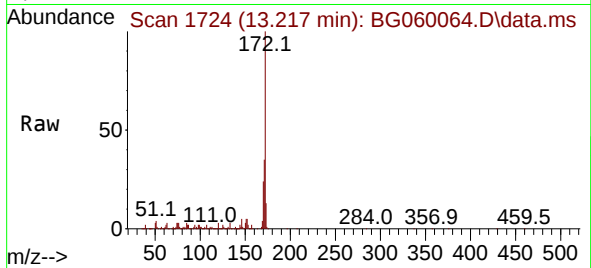




#45
2-Fluorobiphenyl
Concen: 84.189 ng
RT: 13.217 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

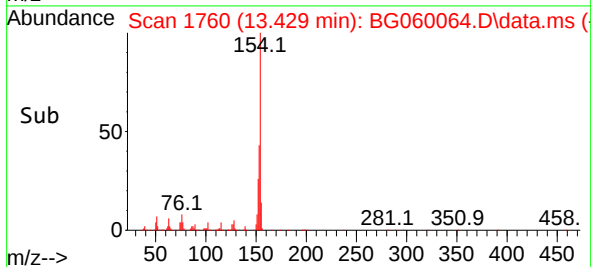
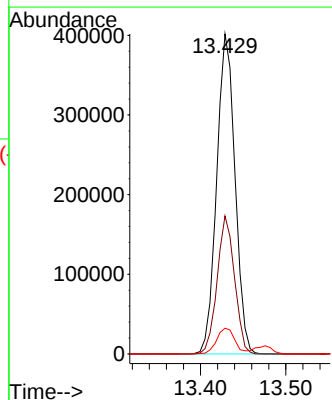
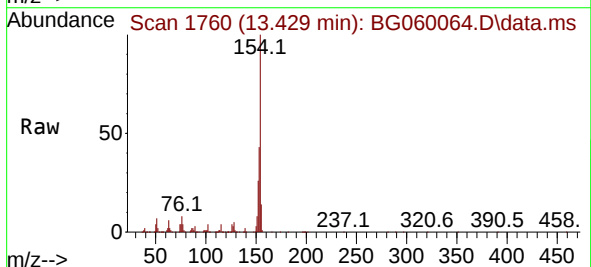
Instrument :
BNA_F
ClientSampleId :

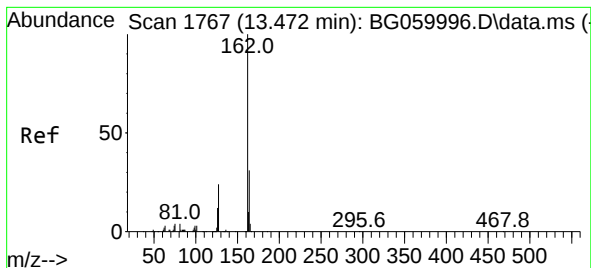
Tgt Ion:172 Resp: 1341208
Ion Ratio Lower Upper
172 100
171 34.9 30.1 45.1
170 24.2 20.0 30.0



#46
1,1'-Biphenyl
Concen: 41.547 ng
RT: 13.429 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

Tgt Ion:154 Resp: 600763
Ion Ratio Lower Upper
154 100
153 43.2 19.2 59.2
76 8.1 0.0 29.9





#47

2-Chloronaphthalene

Concen: 40.197 ng

RT: 13.476 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG060064.D

Acq: 18 Dec 2023 13:25

Instrument :

BNA_F

ClientSampleId :

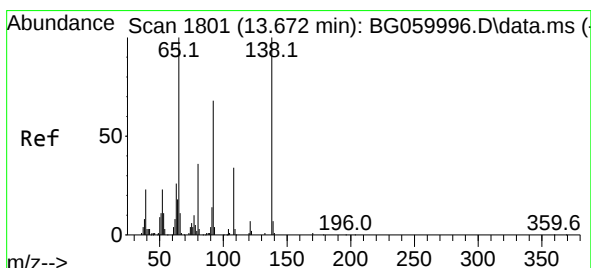
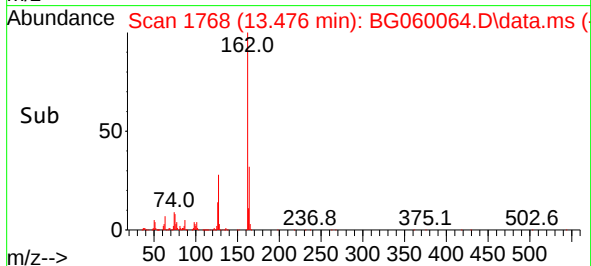
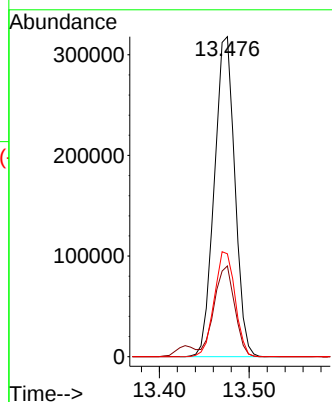
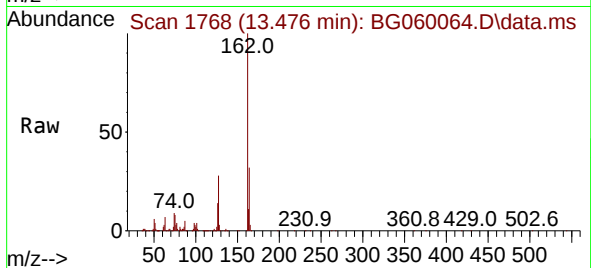
Tgt Ion:162 Resp: 503371

Ion Ratio Lower Upper

162 100

127 28.4 21.8 32.6

164 32.2 25.2 37.8



#48

2-Nitroaniline

Concen: 43.969 ng

RT: 13.670 min Scan# 1801

Delta R.T. 0.000 min

Lab File: BG060064.D

Acq: 18 Dec 2023 13:25

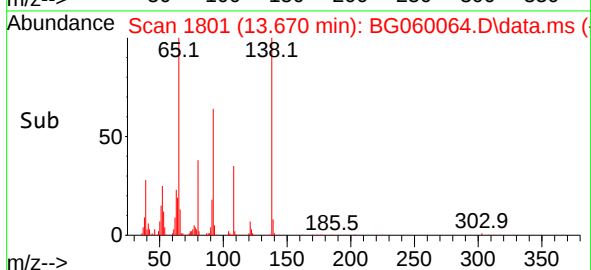
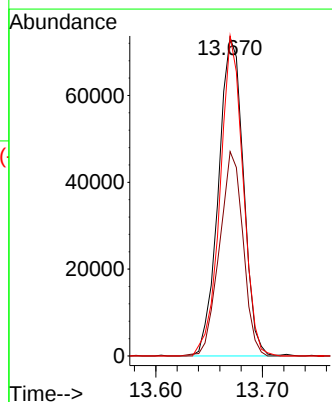
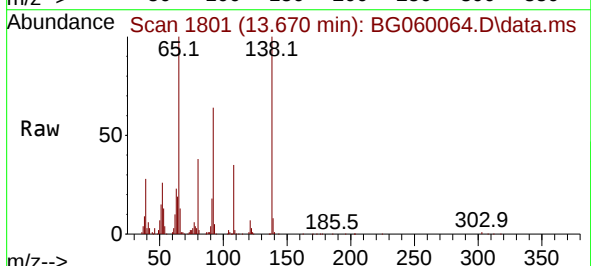
Tgt Ion: 65 Resp: 118858

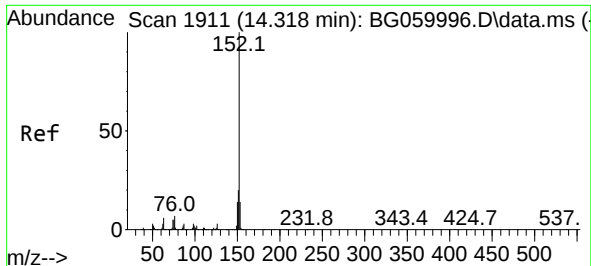
Ion Ratio Lower Upper

65 100

92 64.1 54.6 81.8

138 100.5 80.2 120.2

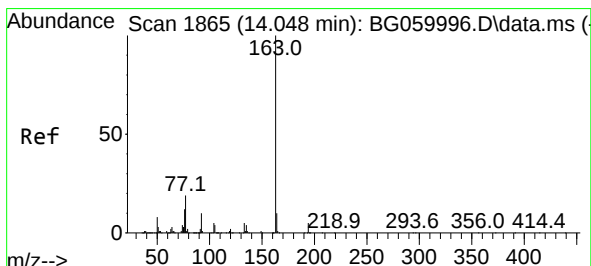
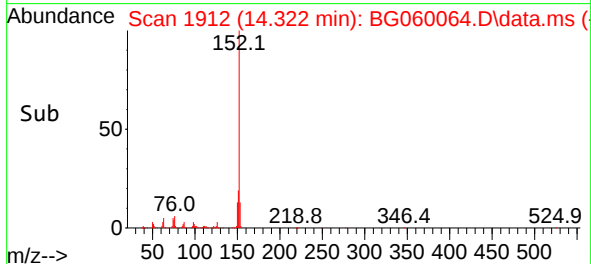
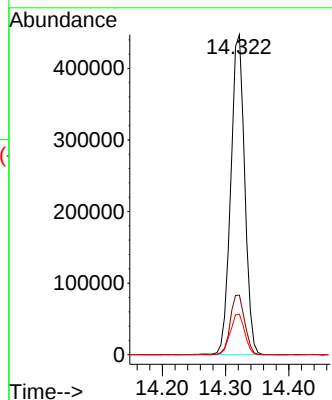
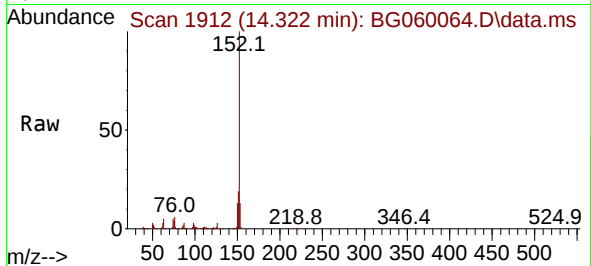




#49
Acenaphthylene
Concen: 39.896 ng
RT: 14.322 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

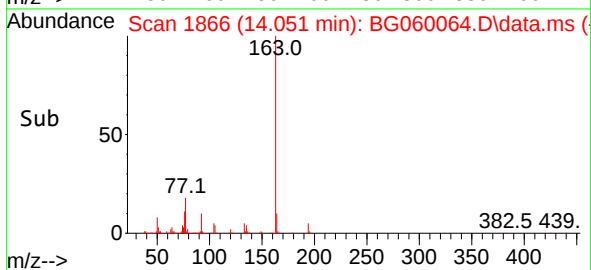
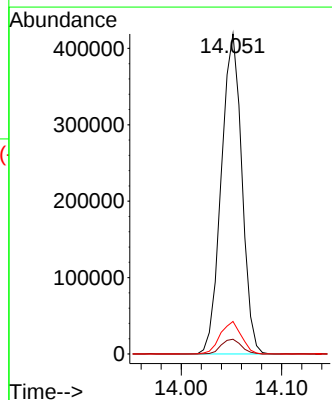
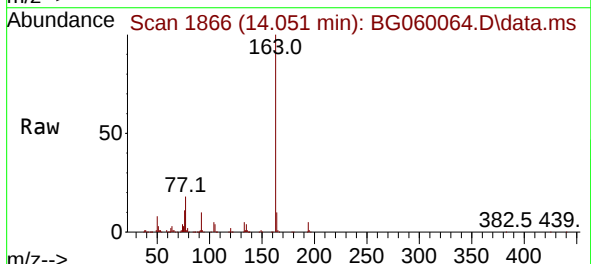
Instrument :
BNA_F
ClientSampleId :

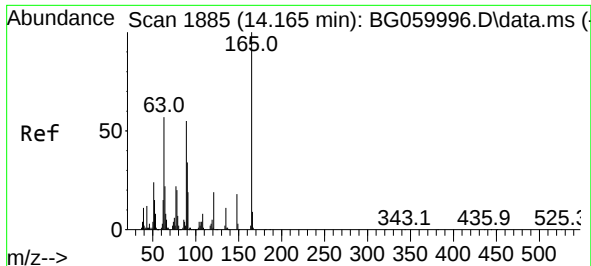
Tgt Ion:152 Resp: 683397
Ion Ratio Lower Upper
152 100
151 18.6 15.8 23.8
153 12.7 11.0 16.4



#50
Dimethylphthalate
Concen: 39.309 ng
RT: 14.051 min Scan# 1866
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

Tgt Ion:163 Resp: 594916
Ion Ratio Lower Upper
163 100
194 4.6 3.7 5.5
164 10.2 8.2 12.4

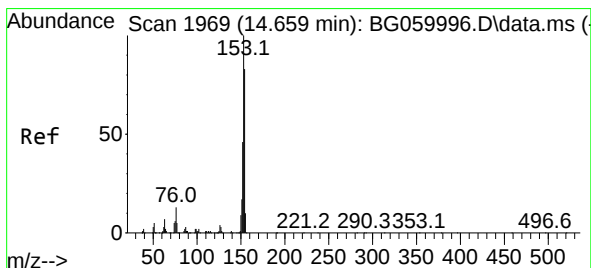
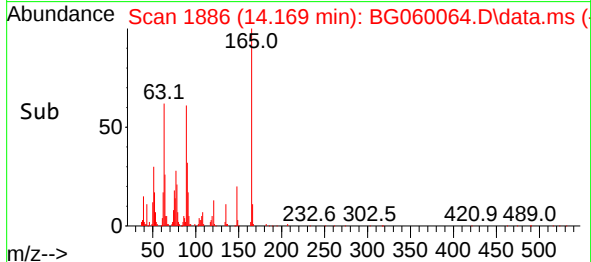
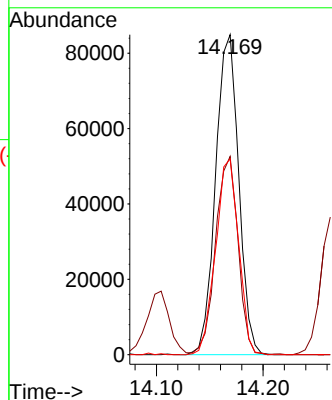
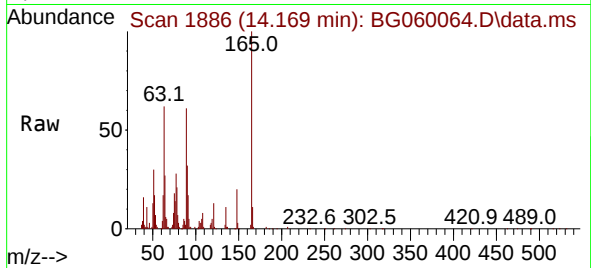




#51
2,6-Dinitrotoluene
Concen: 40.660 ng
RT: 14.169 min Scan# 1885
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

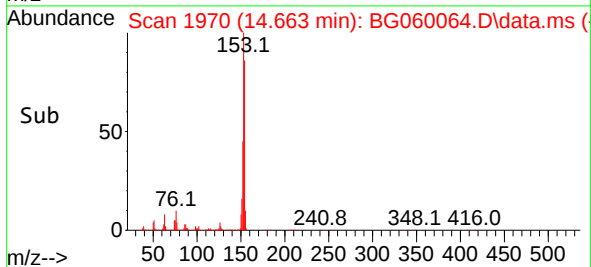
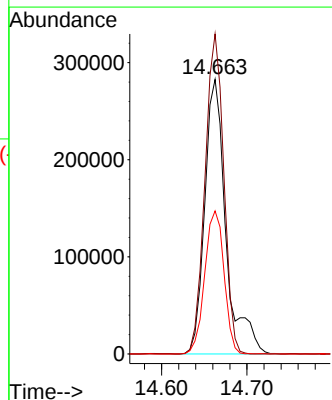
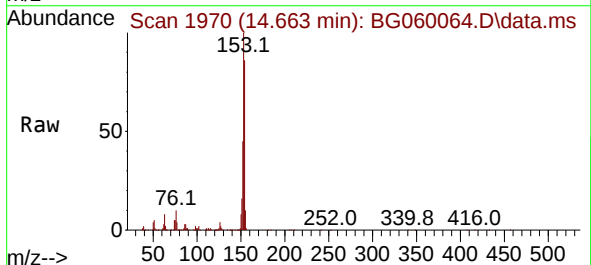
Instrument :
BNA_F
ClientSampleId :

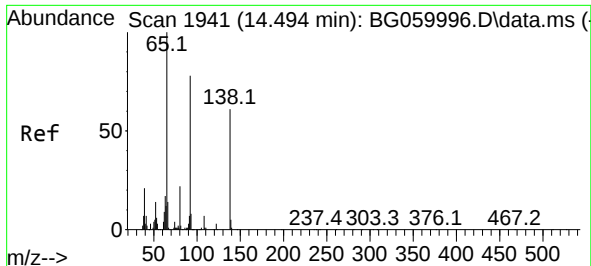
Tgt Ion:165 Resp: 127471
Ion Ratio Lower Upper
165 100
63 61.9 48.2 72.2
89 61.2 44.4 66.6



#52
Acenaphthene
Concen: 41.558 ng
RT: 14.663 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

Tgt Ion:154 Resp: 490029
Ion Ratio Lower Upper
154 100
153 116.5 96.0 144.0
152 52.1 44.3 66.5

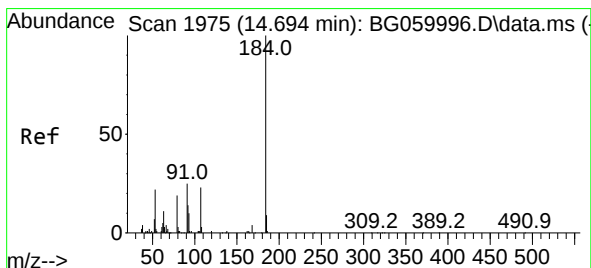
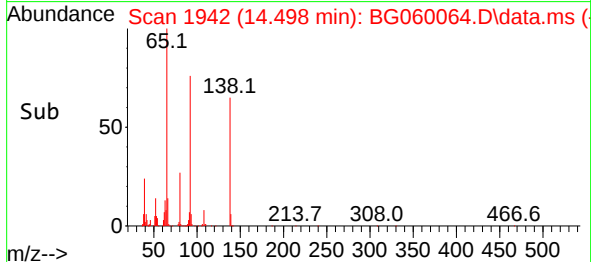
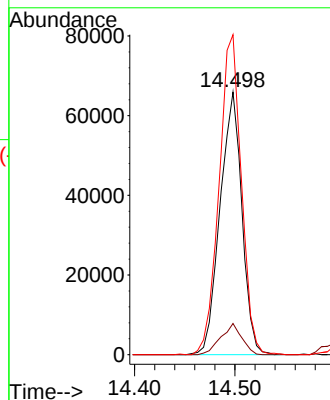
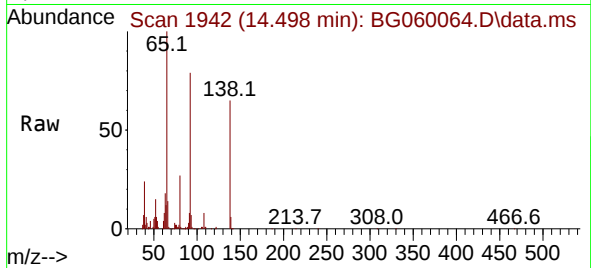




#53
3-Nitroaniline
Concen: 39.730 ng
RT: 14.498 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

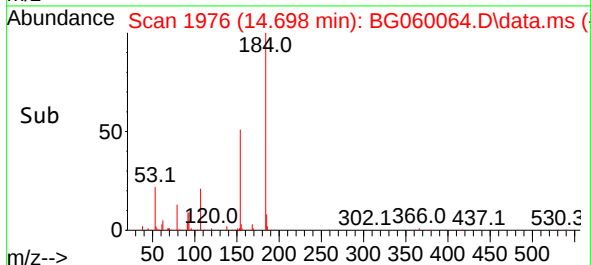
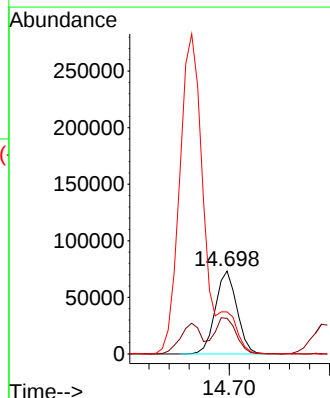
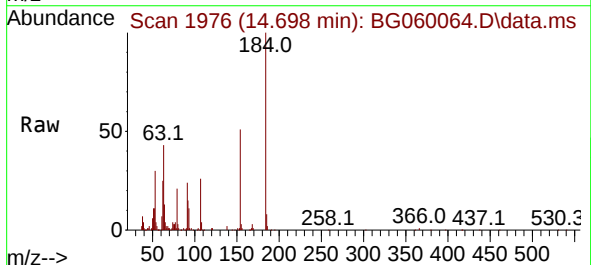
Instrument :
BNA_F
ClientSampleId :

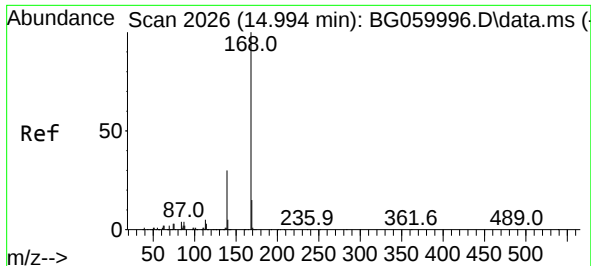
Tgt Ion:138 Resp: 99531
Ion Ratio Lower Upper
138 100
108 11.9 8.9 13.3
92 121.9 102.1 153.1



#54
2,4-Dinitrophenol
Concen: 47.290 ng
RT: 14.698 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

Tgt Ion:184 Resp: 109230
Ion Ratio Lower Upper
184 100
63 43.0 35.5 53.3
154 50.8 36.7 55.1

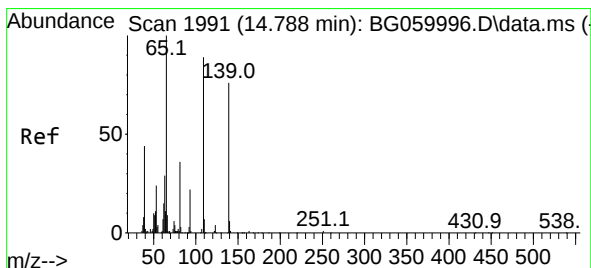
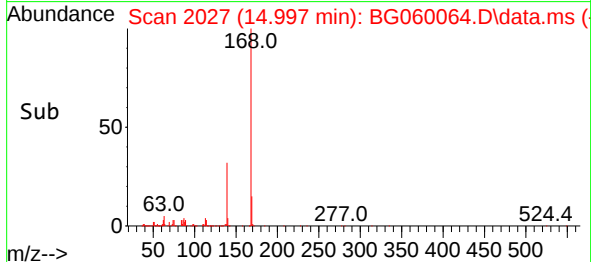
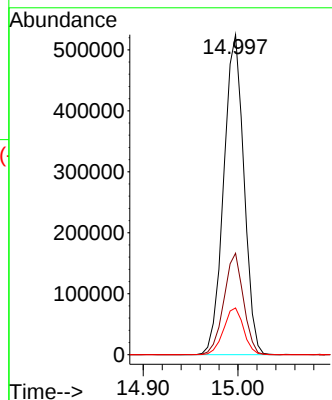
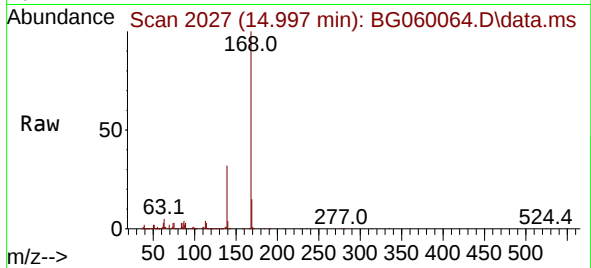




#55
Dibenzenofuran
Concen: 40.434 ng
RT: 14.997 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

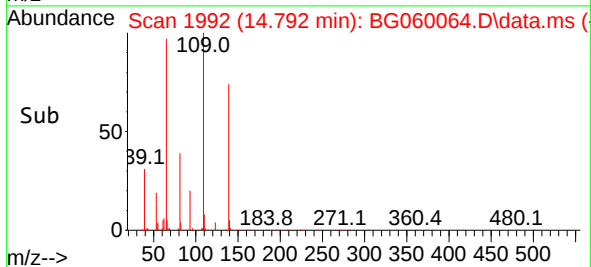
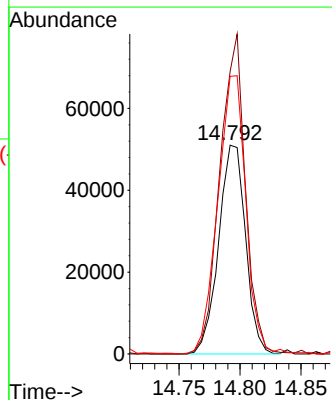
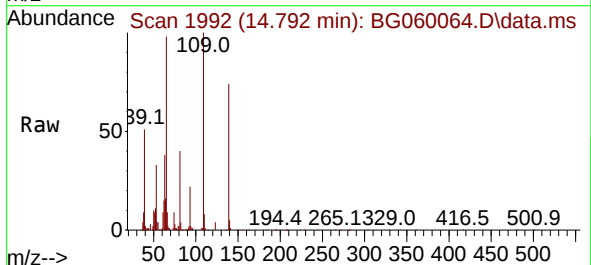
Instrument :
BNA_F
ClientSampleId :

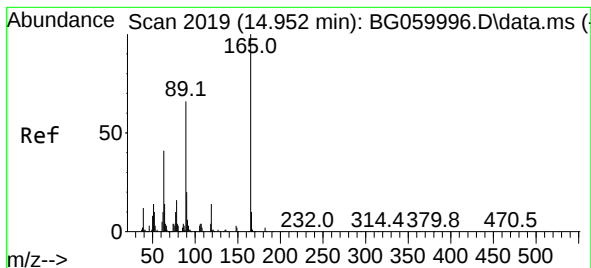
Tgt Ion:168 Resp: 776003
Ion Ratio Lower Upper
168 100
139 31.7 24.0 36.0
169 14.6 11.8 17.8



#56
4-Nitrophenol
Concen: 37.272 ng
RT: 14.792 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

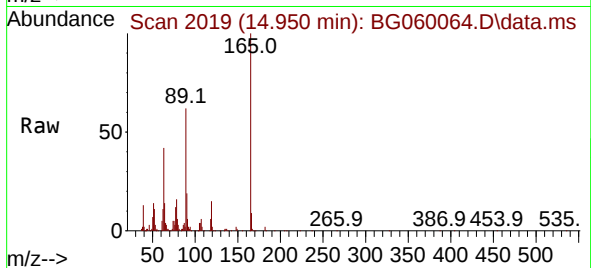
Tgt Ion:139 Resp: 78475
Ion Ratio Lower Upper
139 100
109 135.2 97.2 137.2
65 132.9 112.2 152.2



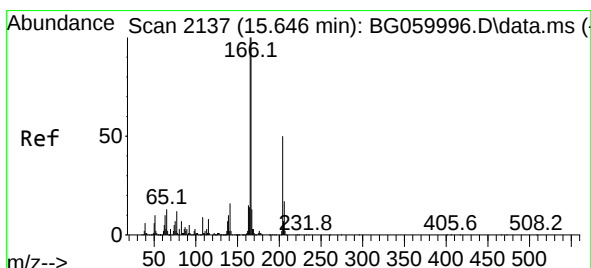
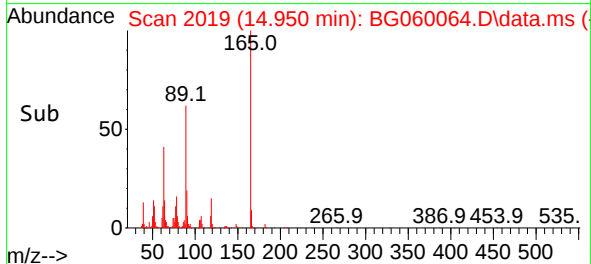
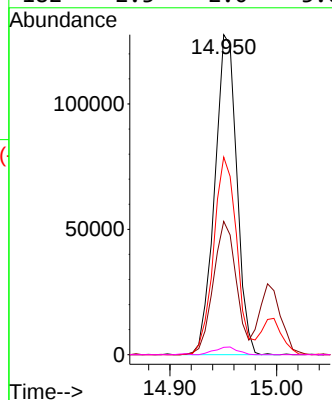


#57
2,4-Dinitrotoluene
Concen: 41.634 ng
RT: 14.950 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

Instrument :
BNA_F
ClientSampleId :

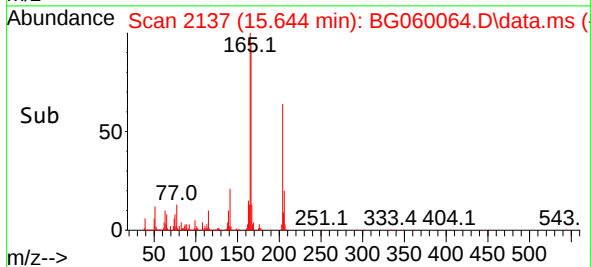
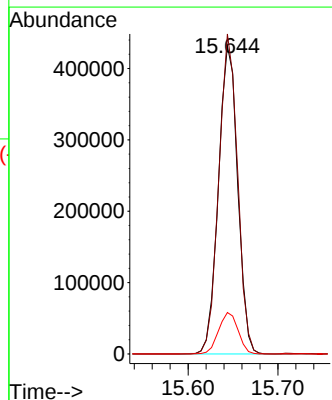
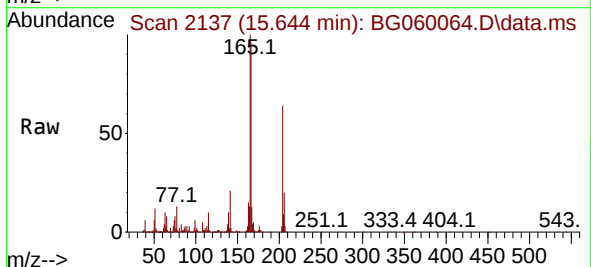


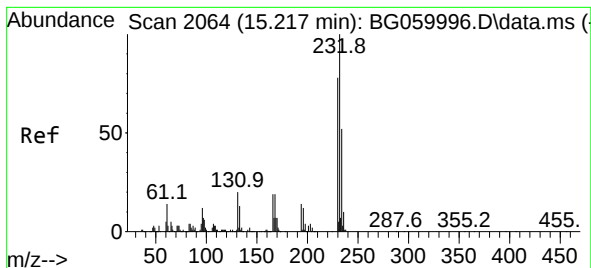
Tgt Ion:165 Resp: 183484
Ion Ratio Lower Upper
165 100
63 41.6 32.8 49.2
89 61.7 53.0 79.6
182 2.3 2.0 3.0



#58
Fluorene
Concen: 39.768 ng
RT: 15.644 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

Tgt Ion:166 Resp: 643584
Ion Ratio Lower Upper
166 100
165 103.9 80.2 120.2
167 13.5 10.3 15.5

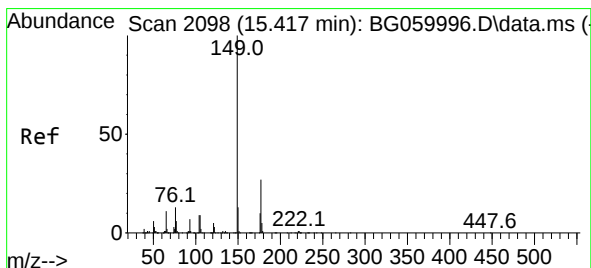
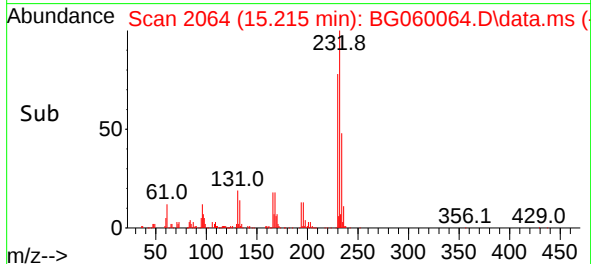
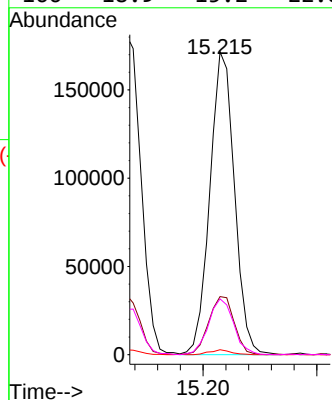
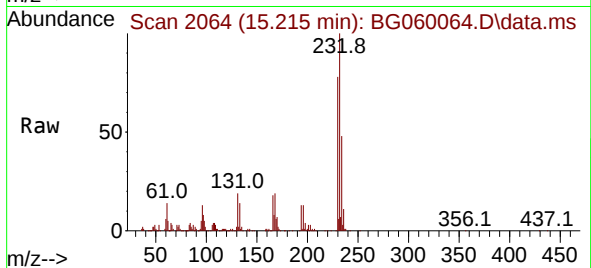




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.935 ng
RT: 15.215 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

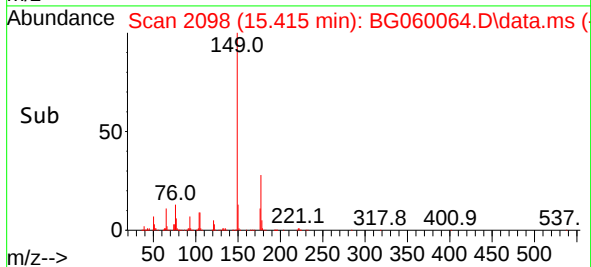
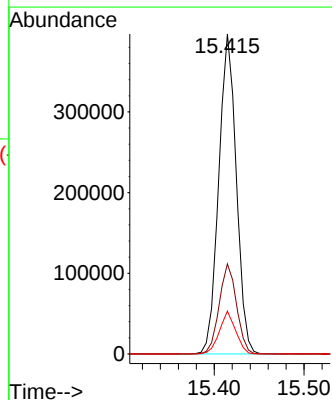
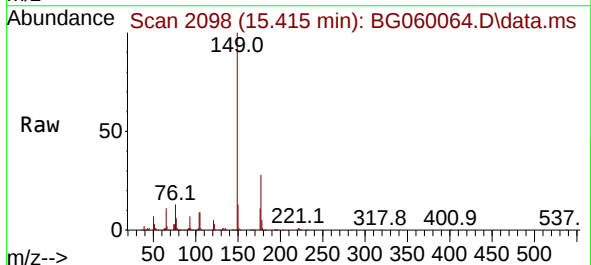
Instrument :
BNA_F
ClientSampleId :

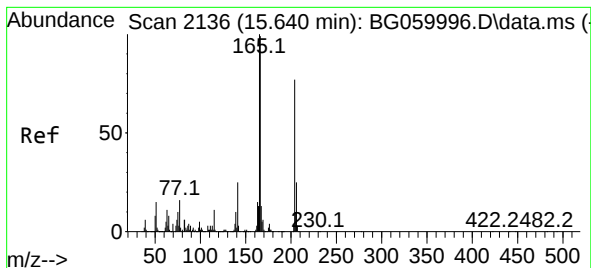
Tgt Ion:232 Resp: 257699
Ion Ratio Lower Upper
232 100
131 19.9 17.6 26.4
130 1.4 1.0 1.6
166 18.9 15.2 22.8



#60
Diethylphthalate
Concen: 38.668 ng
RT: 15.415 min Scan# 2098
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

Tgt Ion:149 Resp: 538458
Ion Ratio Lower Upper
149 100
177 28.1 21.5 32.3
150 13.4 10.3 15.5

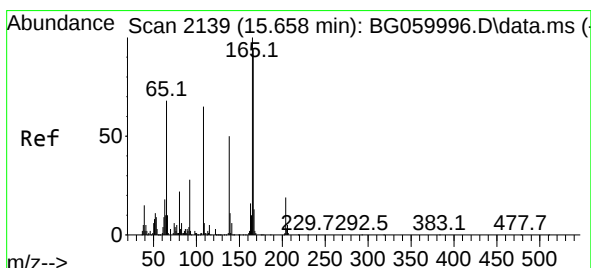
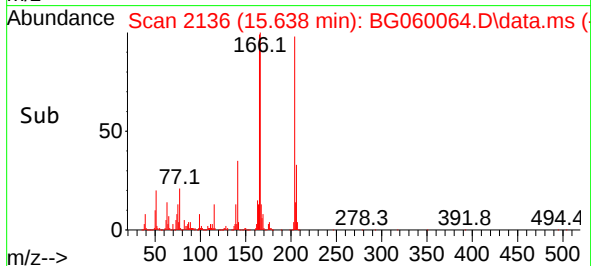
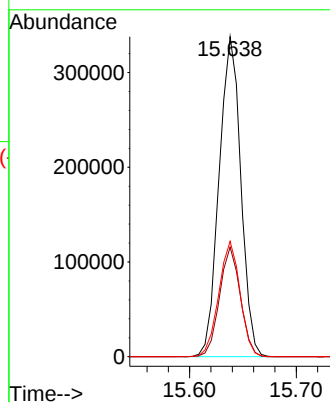
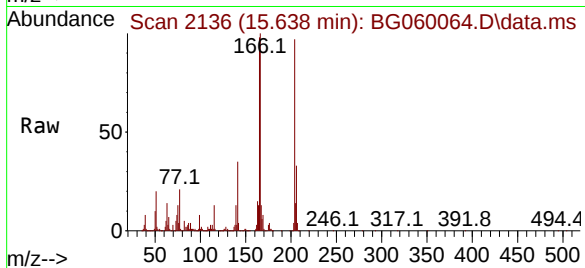




#61
4-Chlorophenyl-phenylether
Concen: 40.948 ng
RT: 15.638 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

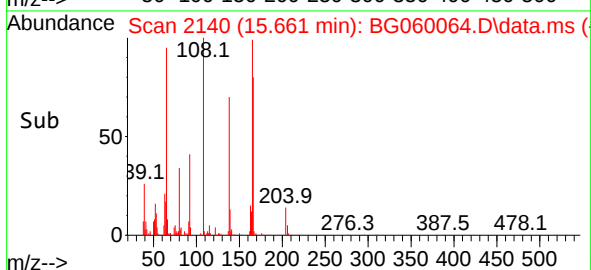
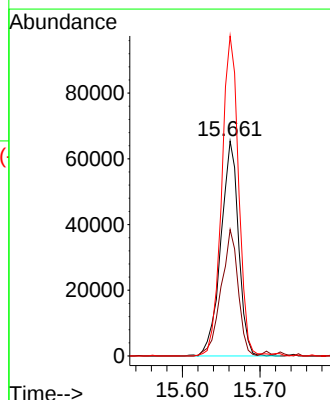
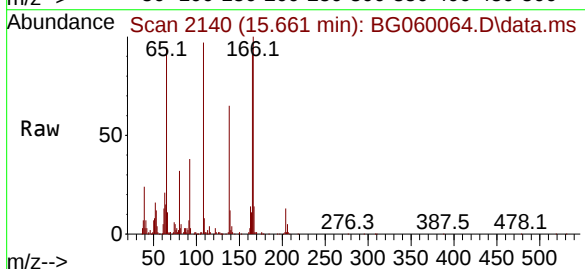
Instrument :
BNA_F
ClientSampleId :

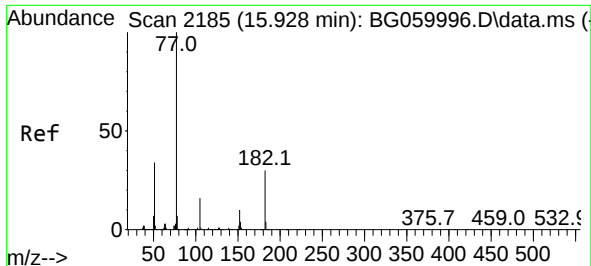
Tgt Ion:204 Resp: 477266
Ion Ratio Lower Upper
204 100
206 34.2 25.9 38.9
141 36.0 25.6 38.4



#62
4-Nitroaniline
Concen: 38.113 ng
RT: 15.661 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

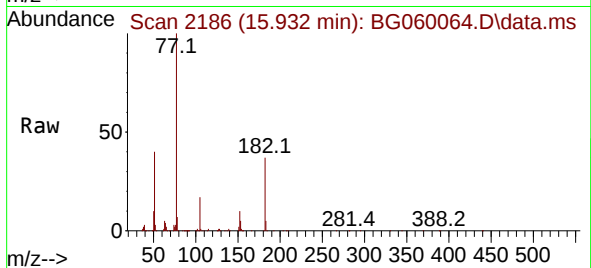
Tgt Ion:138 Resp: 103969
Ion Ratio Lower Upper
138 100
92 58.8 36.3 76.3
108 148.9 109.3 149.3



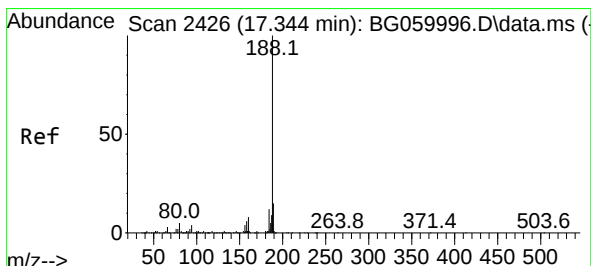
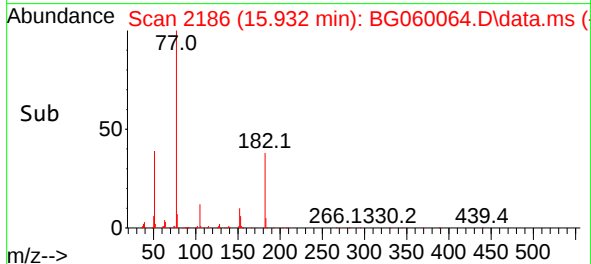
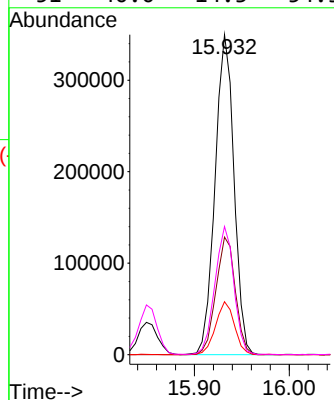


#63
Azobenzene
Concen: 35.331 ng
RT: 15.932 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

Instrument :
BNA_F
ClientSampleId :

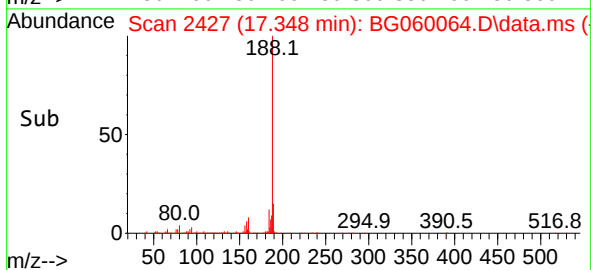
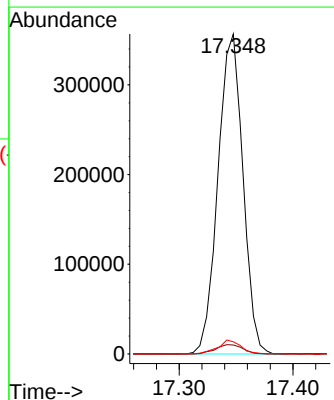
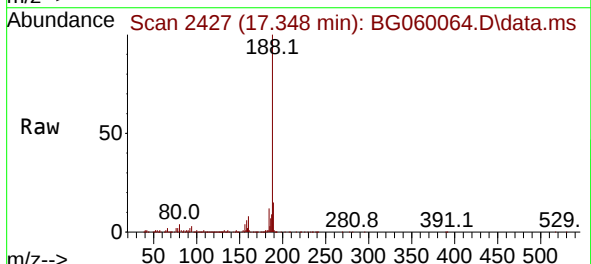


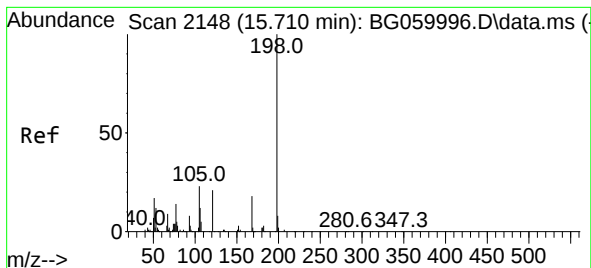
Tgt Ion: 77	Resp: 485077
Ion Ratio	Lower Upper
77 100	
182 36.7	10.2 50.2
105 16.6	0.0 36.5
51 40.0	14.3 54.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.348 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

Tgt Ion:188	Resp: 543249
Ion Ratio	Lower Upper
188 100	
94 2.8	3.0 4.6#
80 3.8	4.0 6.0#

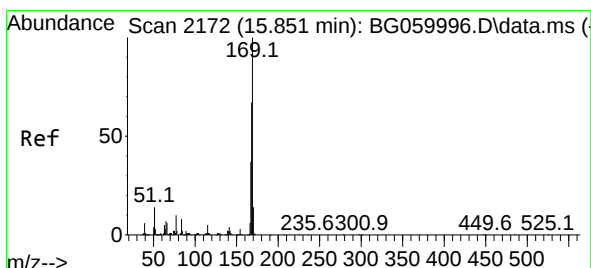
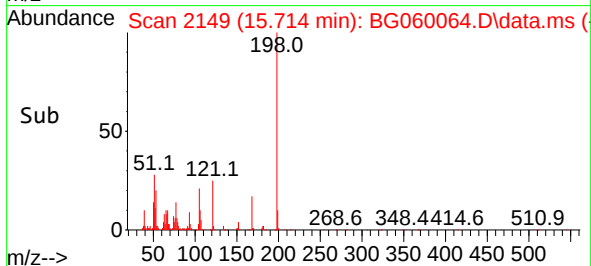
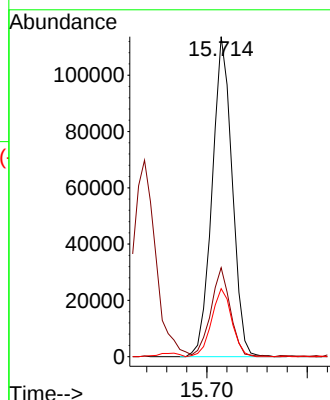
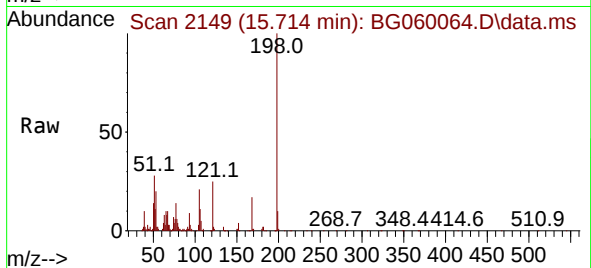




#65
4,6-Dinitro-2-methylphenol
Concen: 46.213 ng
RT: 15.714 min Scan# 2148
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

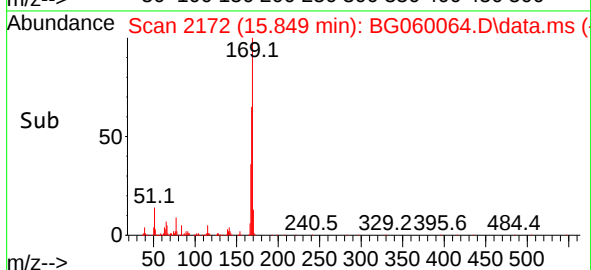
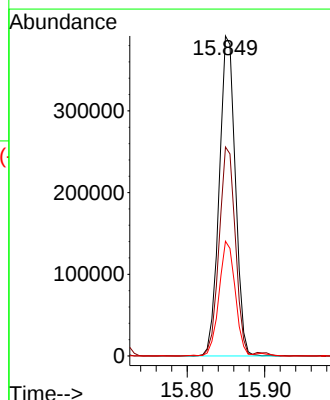
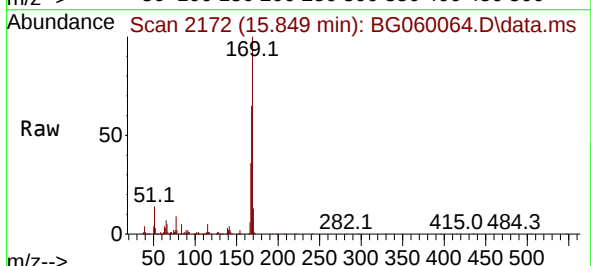
Instrument :
BNA_F
ClientSampleId :

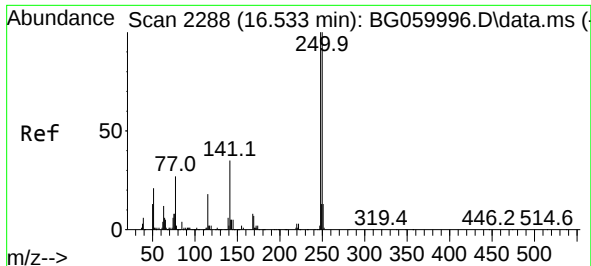
Tgt Ion:198 Resp: 157408
Ion Ratio Lower Upper
198 100
51 27.8 0.0 39.7
105 21.3 3.3 43.3



#66
n-Nitrosodiphenylamine
Concen: 42.574 ng
RT: 15.849 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

Tgt Ion:169 Resp: 565010
Ion Ratio Lower Upper
169 100
168 65.3 53.4 80.2
167 35.9 30.0 45.0

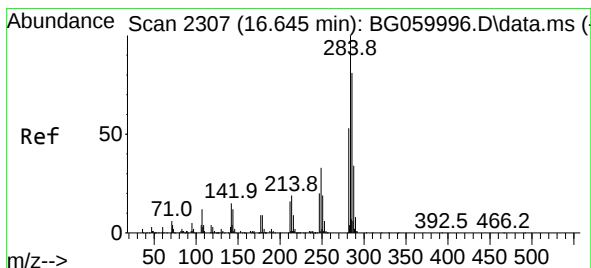
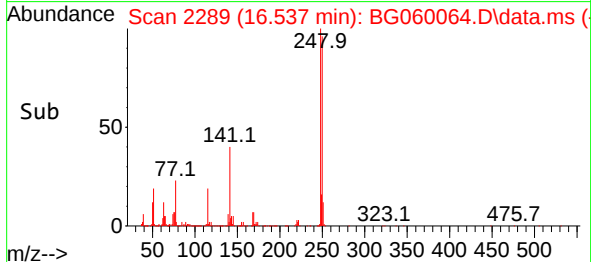
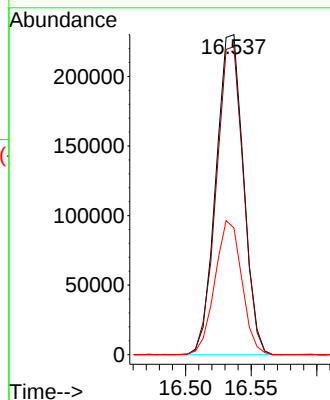
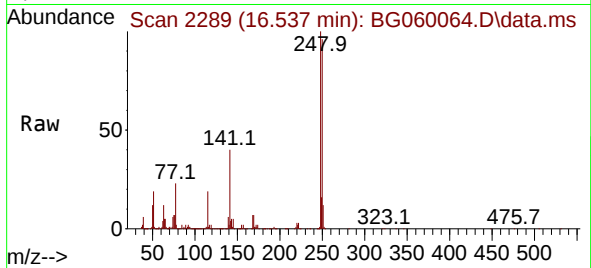




#67
4-Bromophenyl-phenylether
Concen: 43.565 ng
RT: 16.537 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

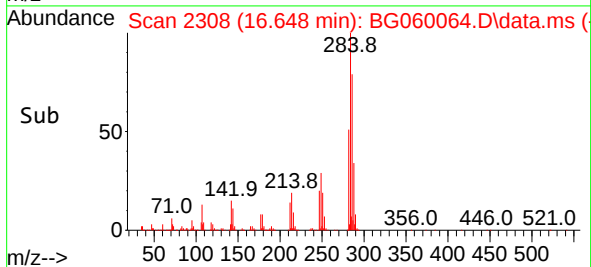
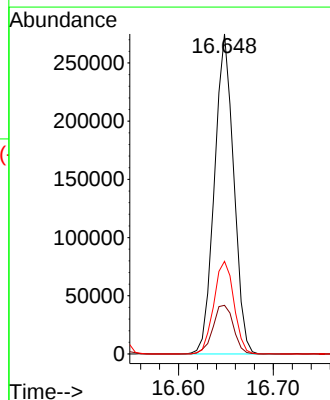
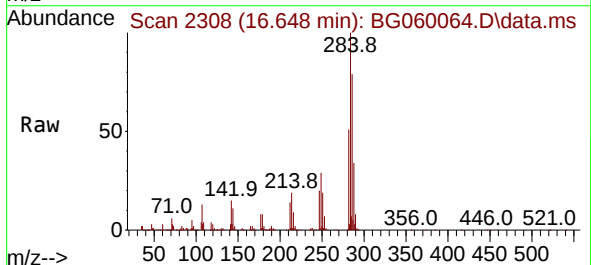
Instrument :
BNA_F
ClientSampleId :

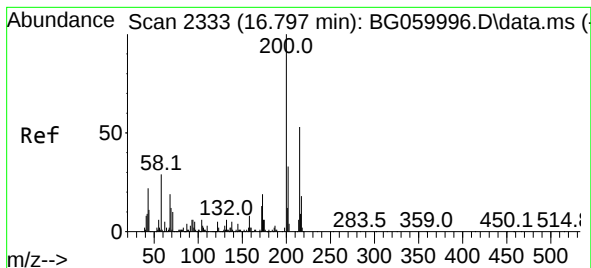
Tgt Ion:248 Resp: 333917
Ion Ratio Lower Upper
248 100
250 96.2 79.9 119.9
141 39.6 28.3 42.5



#68
Hexachlorobenzene
Concen: 43.247 ng
RT: 16.648 min Scan# 2308
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

Tgt Ion:284 Resp: 387511
Ion Ratio Lower Upper
284 100
142 15.2 11.7 17.5
249 28.9 26.1 39.1





#69

Atrazine

Concen: 37.482 ng

RT: 16.795 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG060064.D

Acq: 18 Dec 2023 13:25

Instrument :

BNA_F

ClientSampleId :

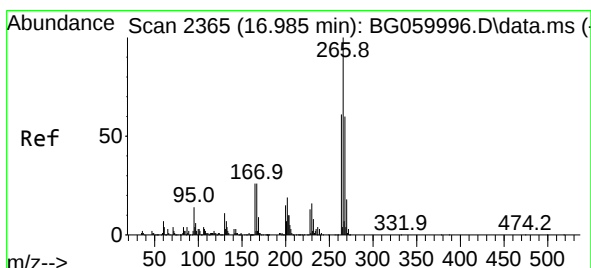
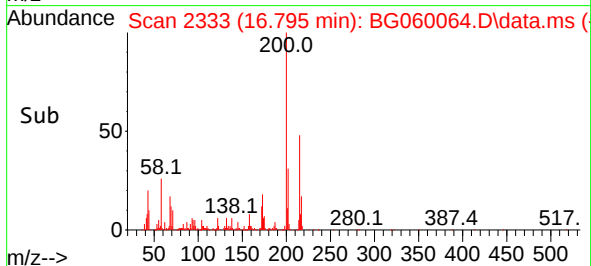
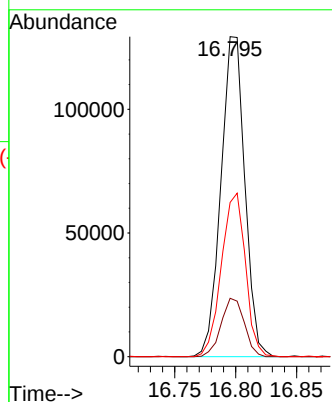
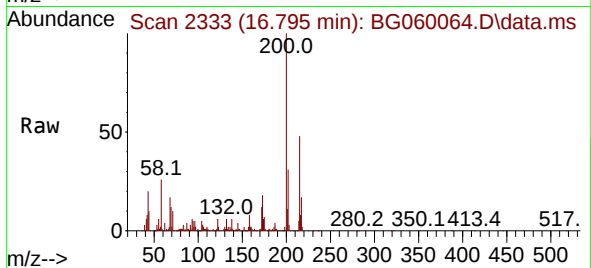
Tgt Ion:200 Resp: 176966

Ion Ratio Lower Upper

200 100

173 18.3 0.0 39.3

215 48.2 33.1 73.1



#70

Pentachlorophenol

Concen: 44.759 ng

RT: 16.989 min Scan# 2366

Delta R.T. 0.000 min

Lab File: BG060064.D

Acq: 18 Dec 2023 13:25

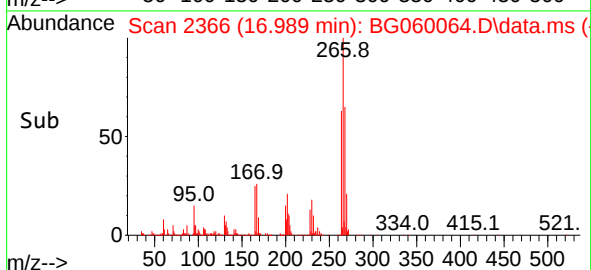
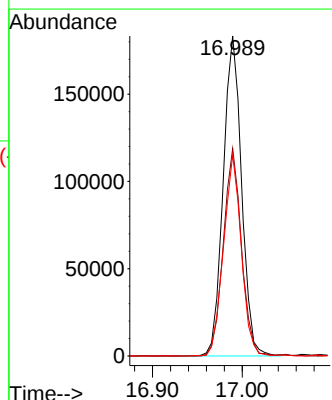
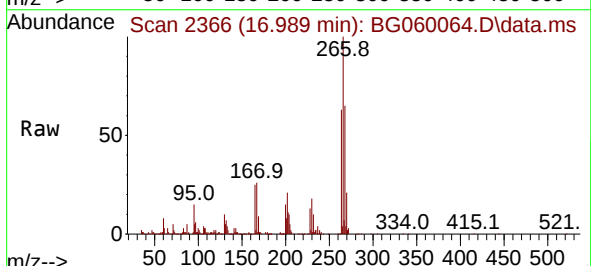
Tgt Ion:266 Resp: 259814

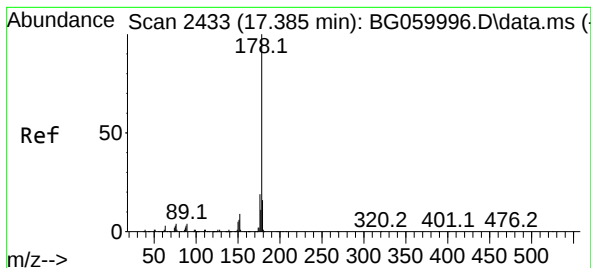
Ion Ratio Lower Upper

266 100

268 64.9 47.9 71.9

264 62.9 48.8 73.2





#71

Phenanthrene

Concen: 41.469 ng

RT: 17.389 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BG060064.D

Acq: 18 Dec 2023 13:25

Instrument :

BNA_F

ClientSampleId :

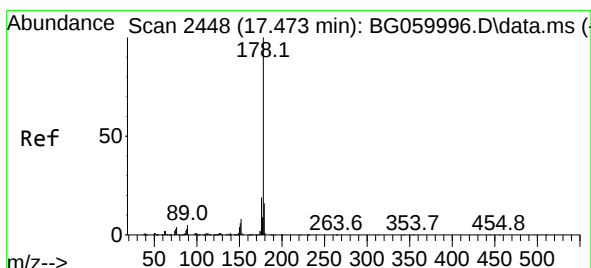
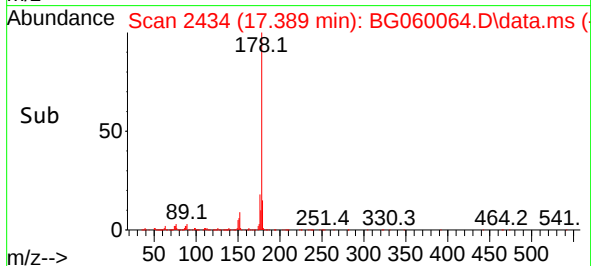
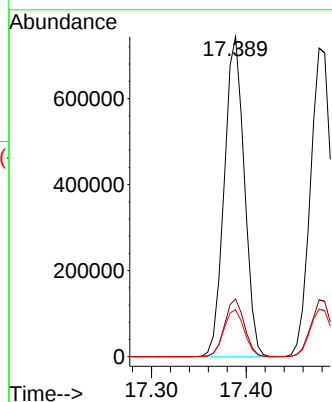
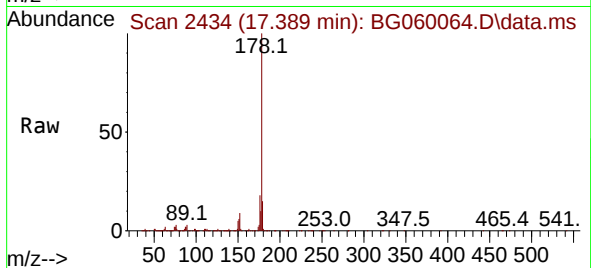
Tgt Ion:178 Resp: 1091182

Ion Ratio Lower Upper

178 100

176 18.1 15.6 23.4

179 14.7 12.6 19.0



#72

Anthracene

Concen: 41.803 ng

RT: 17.477 min Scan# 2449

Delta R.T. 0.000 min

Lab File: BG060064.D

Acq: 18 Dec 2023 13:25

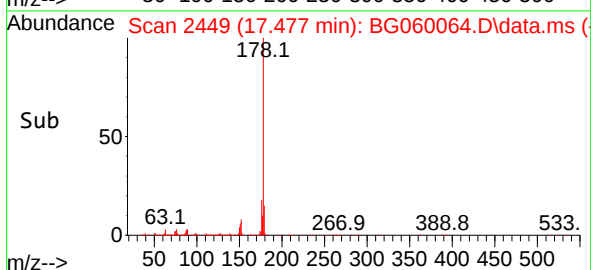
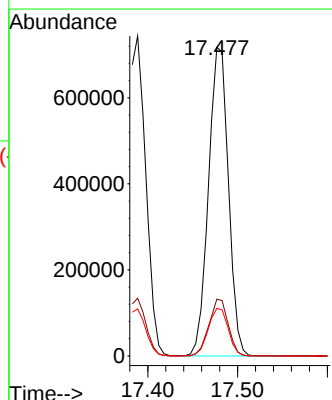
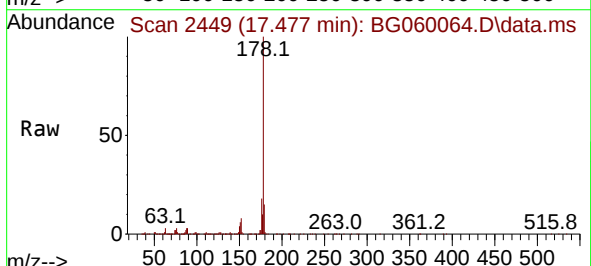
Tgt Ion:178 Resp: 1105983

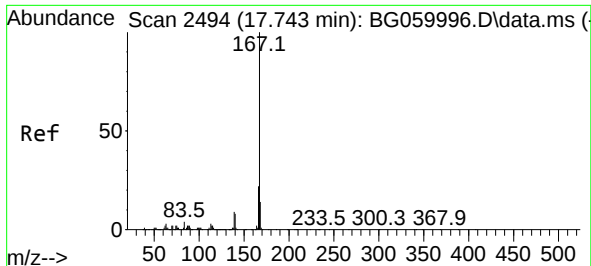
Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.6

179 15.4 12.6 19.0

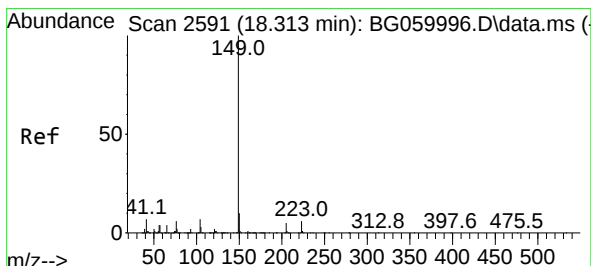
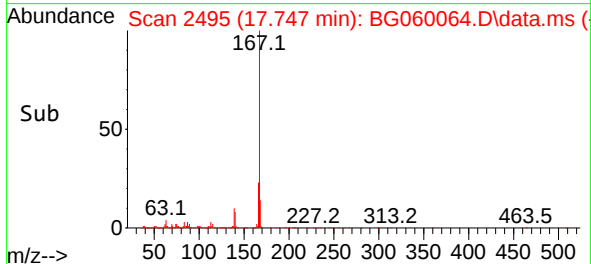
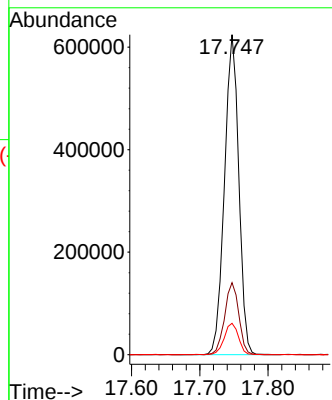
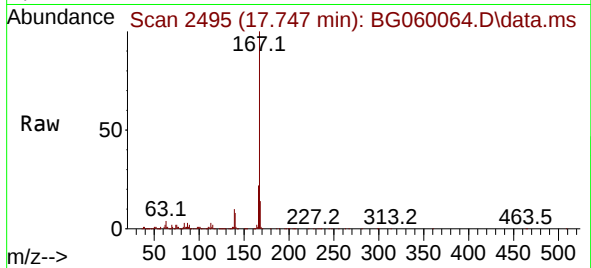




#73
 Carbazole
 Concen: 40.485 ng
 RT: 17.747 min Scan# 2494
 Delta R.T. 0.000 min
 Lab File: BG060064.D
 Acq: 18 Dec 2023 13:25

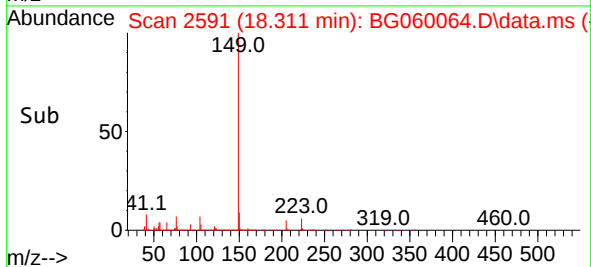
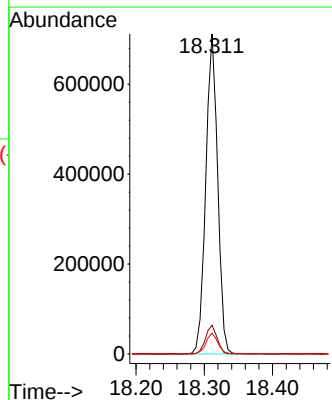
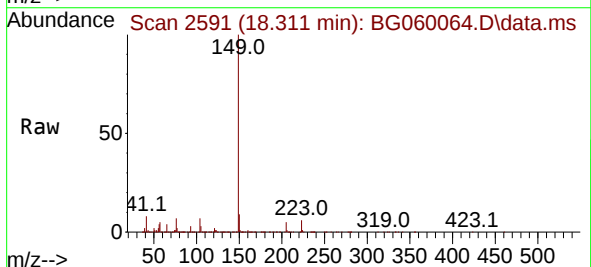
Instrument :
 BNA_F
 ClientSampleId :

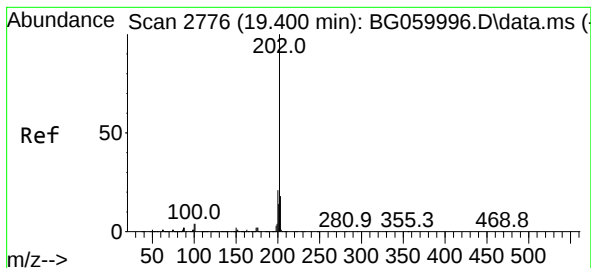
Tgt Ion:167 Resp: 910187
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.4 26.0
 139 9.8 7.5 11.3



#74
 Di-n-butylphthalate
 Concen: 41.984 ng
 RT: 18.311 min Scan# 2591
 Delta R.T. 0.000 min
 Lab File: BG060064.D
 Acq: 18 Dec 2023 13:25

Tgt Ion:149 Resp: 861059
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.9 11.9
 104 6.5 5.6 8.4





#75

Fluoranthene

Concen: 39.870 ng

RT: 19.404 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG060064.D

Acq: 18 Dec 2023 13:25

Instrument :

BNA_F

ClientSampleId :

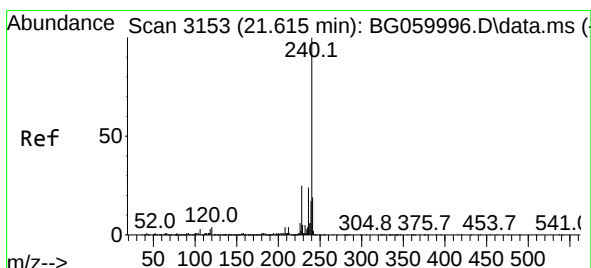
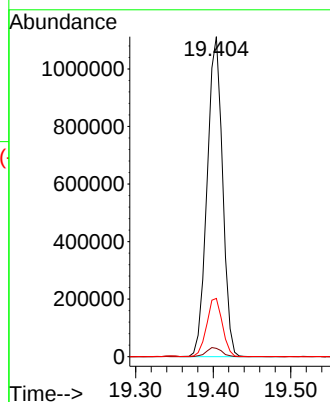
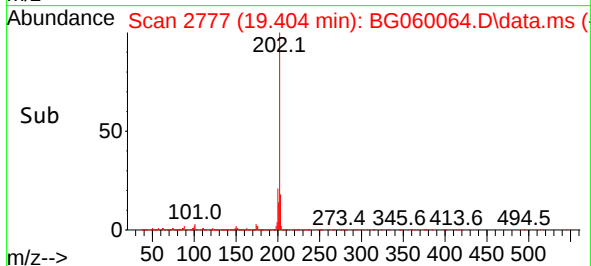
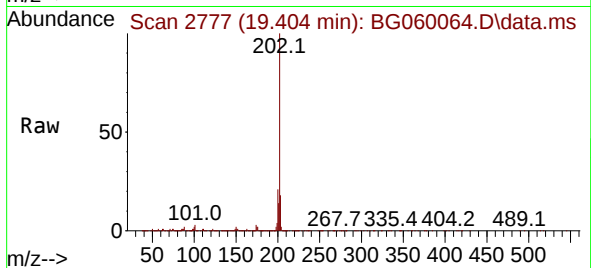
Tgt Ion:202 Resp: 1530923

Ion Ratio Lower Upper

202 100

101 2.6 0.0 24.2

203 18.2 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.619 min Scan# 3154

Delta R.T. 0.000 min

Lab File: BG060064.D

Acq: 18 Dec 2023 13:25

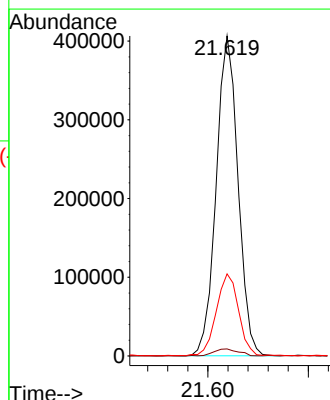
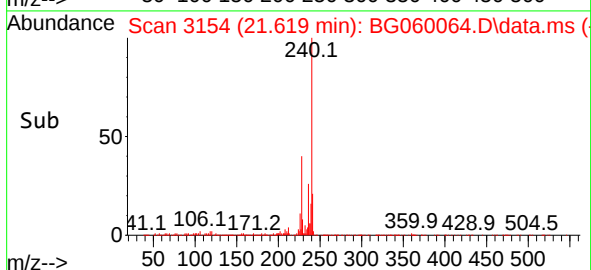
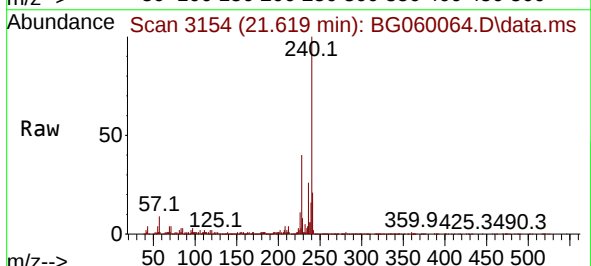
Tgt Ion:240 Resp: 612759

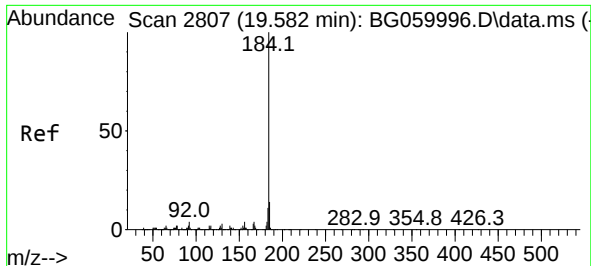
Ion Ratio Lower Upper

240 100

120 2.2 2.9 4.3#

236 25.7 19.4 29.2

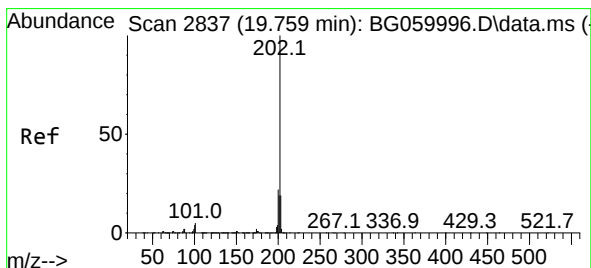
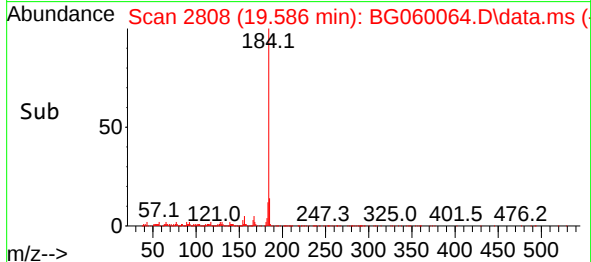
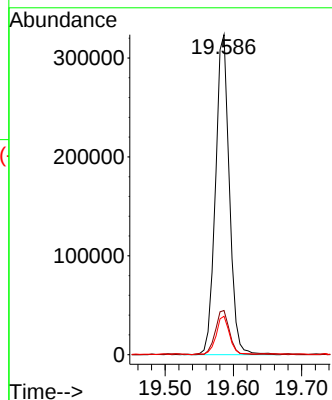
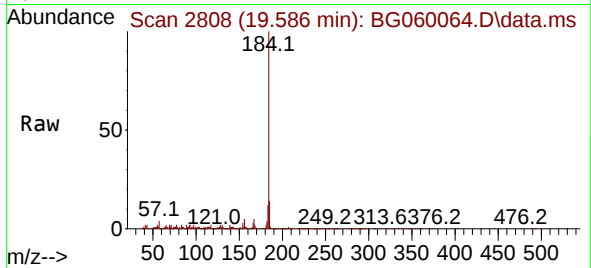




#77
Benzidine
Concen: 58.225 ng
RT: 19.586 min Scan# 2807
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

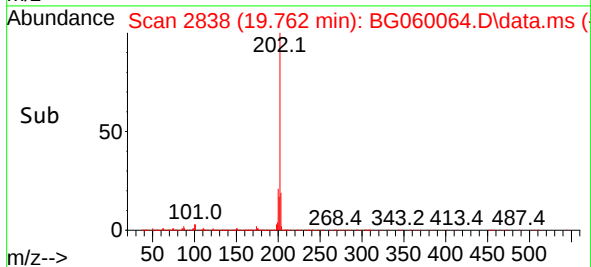
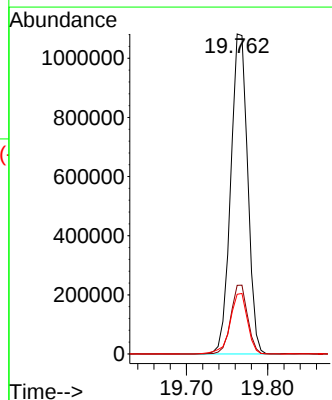
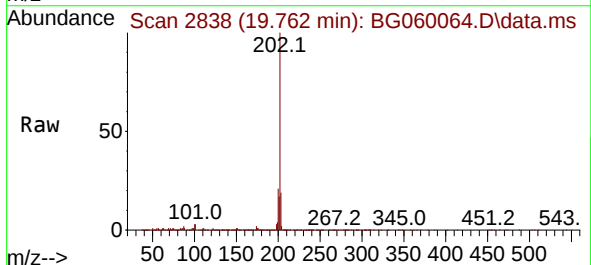
Instrument :
BNA_F
ClientSampleId :

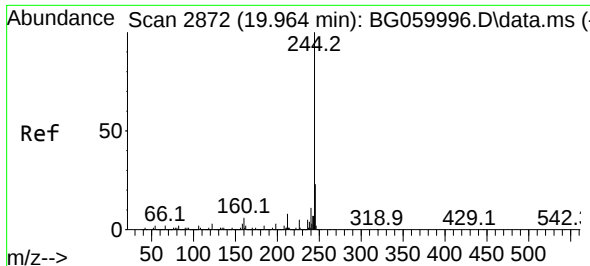
Tgt Ion:184 Resp: 458273
Ion Ratio Lower Upper
184 100
185 13.8 11.1 16.7
183 12.0 9.0 13.4



#78
Pyrene
Concen: 42.127 ng
RT: 19.762 min Scan# 2838
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

Tgt Ion:202 Resp: 1564796
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 18.7 14.9 22.3

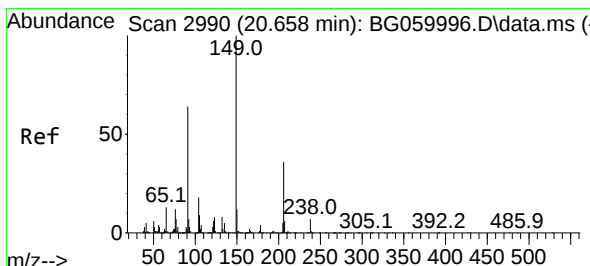
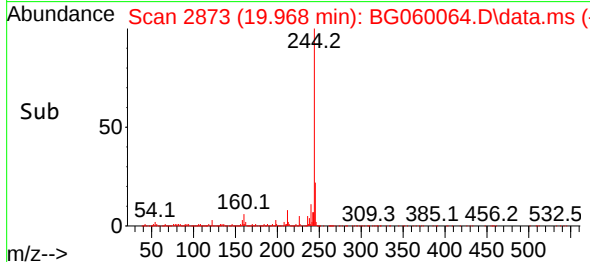
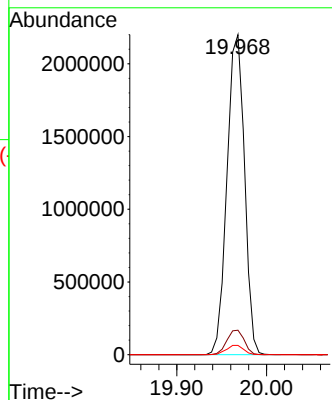
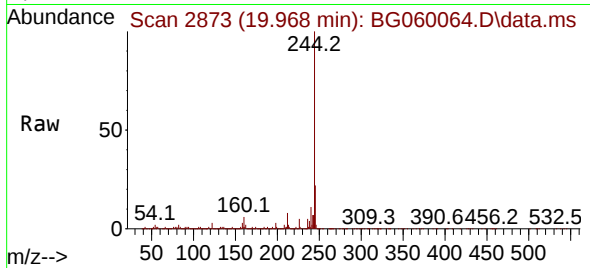




#79
 Terphenyl-d14
 Concen: 88.742 ng
 RT: 19.968 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG060064.D
 Acq: 18 Dec 2023 13:25

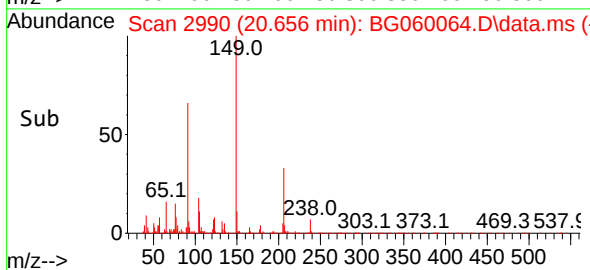
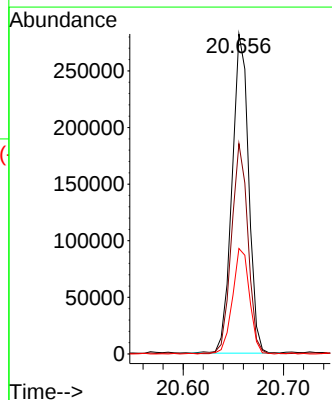
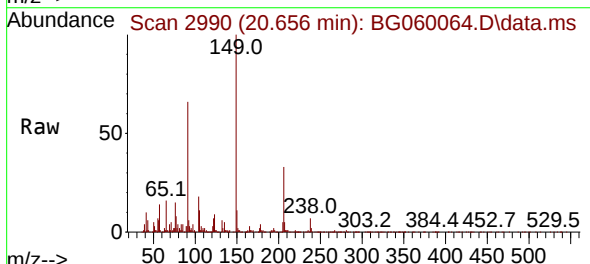
Instrument :
 BNA_F
 ClientSampleId :

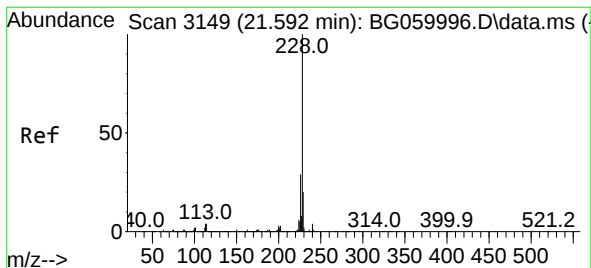
Tgt Ion:244 Resp: 2978435
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.8 10.2
 122 2.9 2.6 3.8



#80
 Butylbenzylphthalate
 Concen: 48.584 ng
 RT: 20.656 min Scan# 2990
 Delta R.T. 0.000 min
 Lab File: BG060064.D
 Acq: 18 Dec 2023 13:25

Tgt Ion:149 Resp: 324107
 Ion Ratio Lower Upper
 149 100
 91 65.7 51.3 76.9
 206 33.0 28.8 43.2





#81

Benzo(a)anthracene

Concen: 41.491 ng

RT: 21.601 min Scan# 3151

Delta R.T. 0.000 min

Lab File: BG060064.D

Acq: 18 Dec 2023 13:25

Instrument :

BNA_F

ClientSampleId :

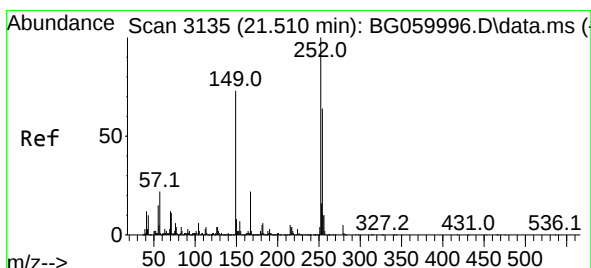
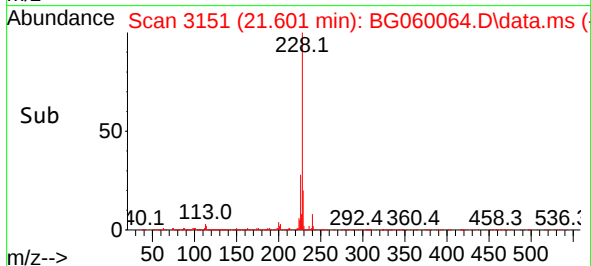
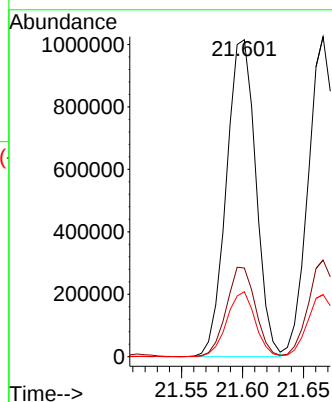
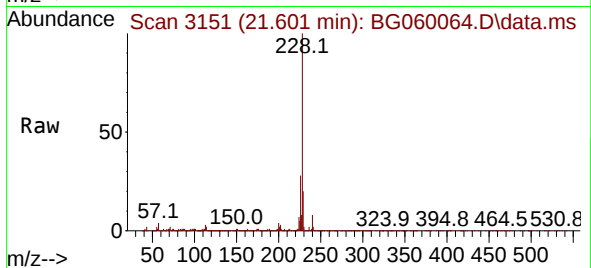
Tgt Ion:228 Resp: 1707807

Ion Ratio Lower Upper

228 100

226 28.0 22.9 34.3

229 20.5 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 44.888 ng

RT: 21.513 min Scan# 3136

Delta R.T. 0.000 min

Lab File: BG060064.D

Acq: 18 Dec 2023 13:25

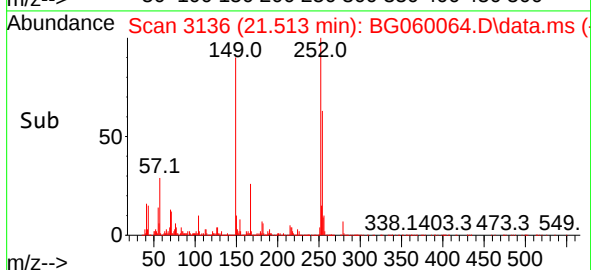
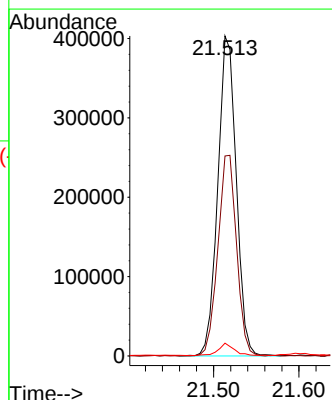
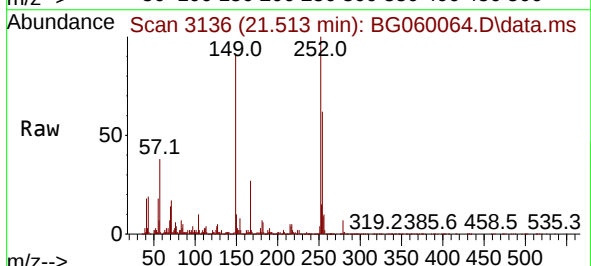
Tgt Ion:252 Resp: 607976

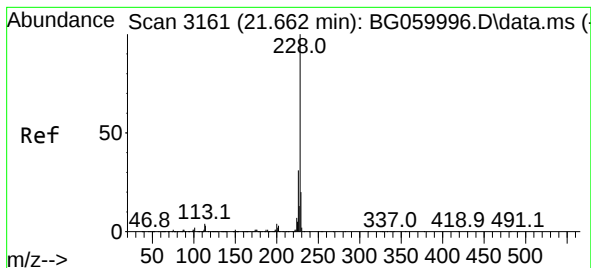
Ion Ratio Lower Upper

252 100

254 62.5 51.0 76.4

126 4.0 3.0 4.4





#83

Chrysene

Concen: 41.205 ng

RT: 21.666 min Scan# 3161

Delta R.T. 0.000 min

Lab File: BG060064.D

Acq: 18 Dec 2023 13:25

Instrument :

BNA_F

ClientSampleId :

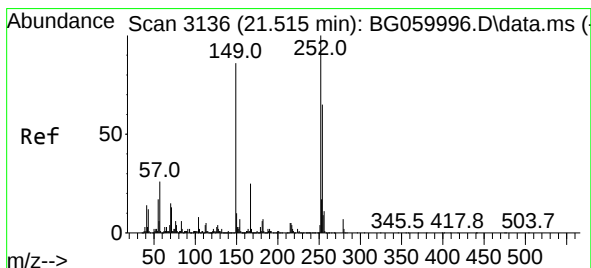
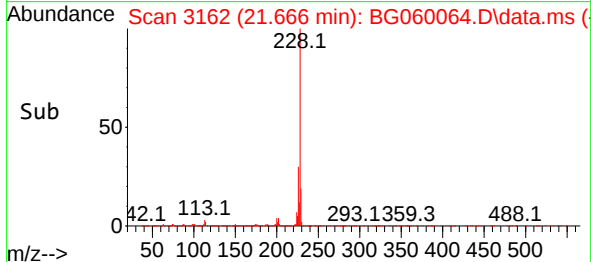
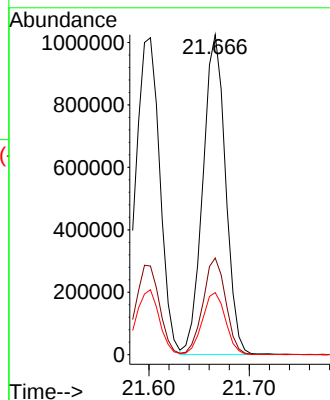
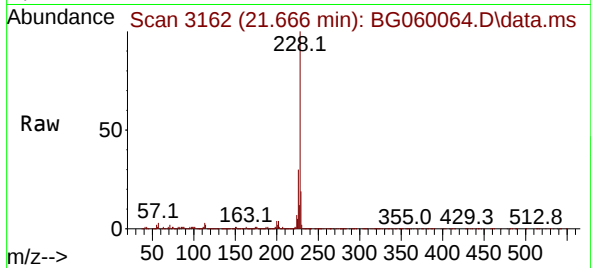
Tgt Ion:228 Resp: 1606816

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.6

229 19.4 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.861 ng

RT: 21.513 min Scan# 3136

Delta R.T. 0.000 min

Lab File: BG060064.D

Acq: 18 Dec 2023 13:25

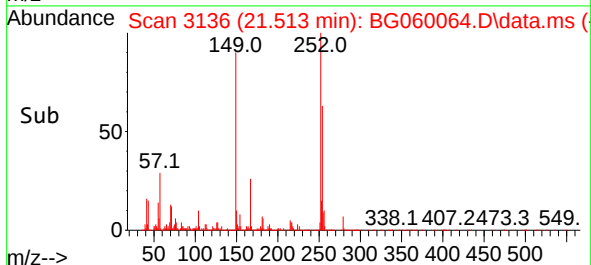
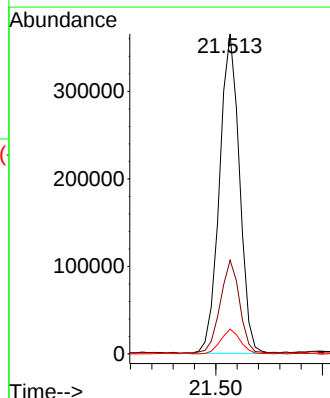
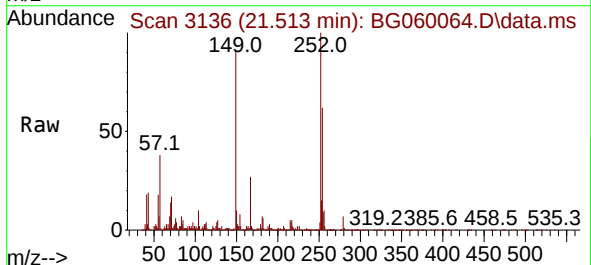
Tgt Ion:149 Resp: 473834

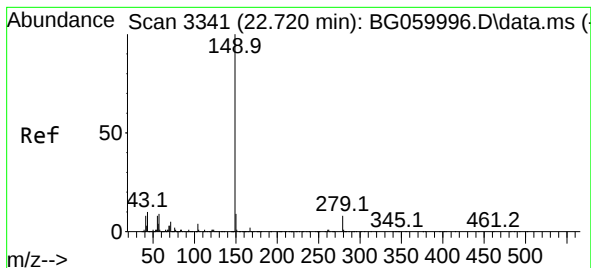
Ion Ratio Lower Upper

149 100

167 29.3 23.0 34.6

279 7.8 6.2 9.2





#85

Di-n-octyl phthalate

Concen: 45.607 ng

RT: 22.718 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG060064.D

Acq: 18 Dec 2023 13:25

Instrument :

BNA_F

ClientSampleId :

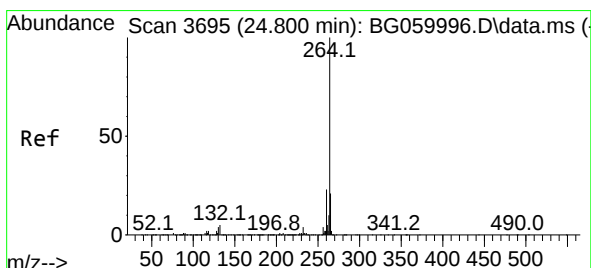
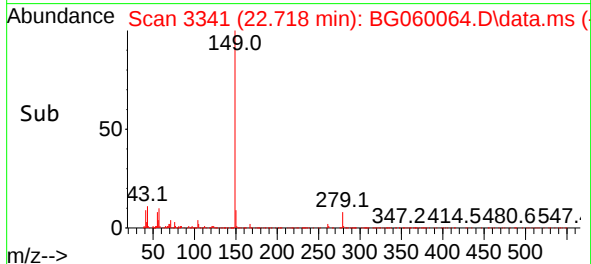
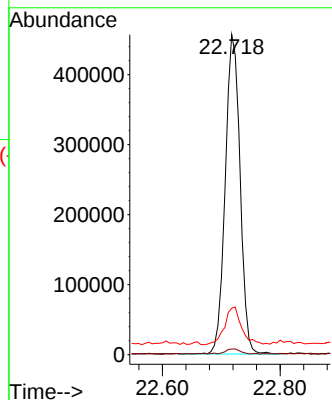
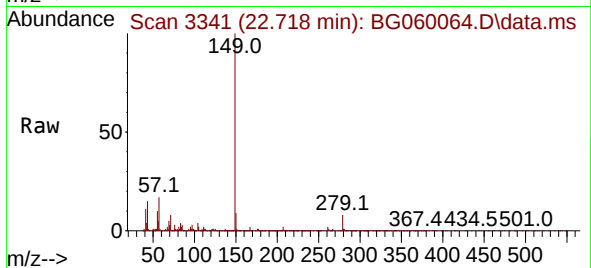
Tgt Ion:149 Resp: 797684

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.2

43 13.6 8.3 12.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.815 min Scan# 3698

Delta R.T. 0.000 min

Lab File: BG060064.D

Acq: 18 Dec 2023 13:25

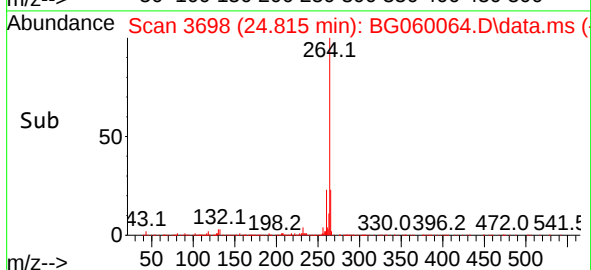
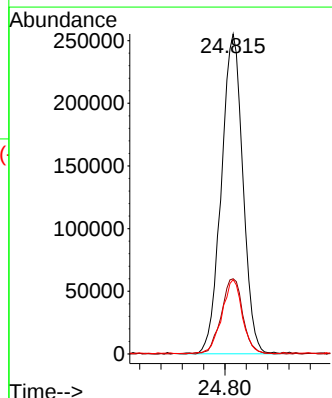
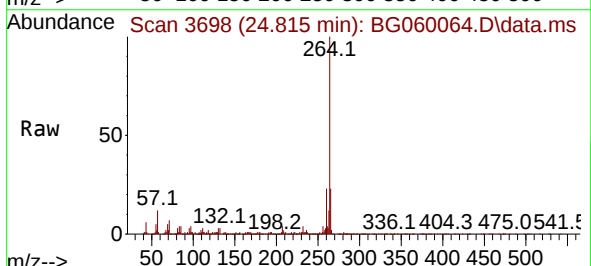
Tgt Ion:264 Resp: 714292

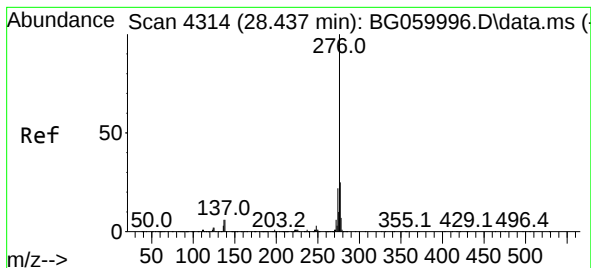
Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 23.3 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.927 ng

RT: 28.458 min Scan# 41

Delta R.T. 0.000 min

Lab File: BG060064.D

Acq: 18 Dec 2023 13:25

Instrument :

BNA_F

ClientSampleId :

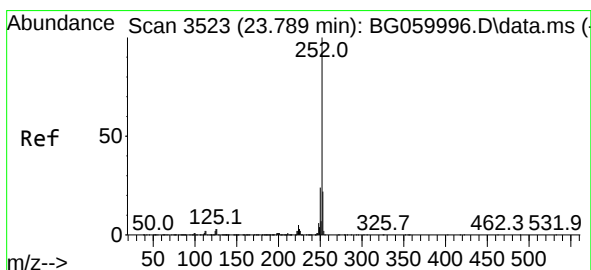
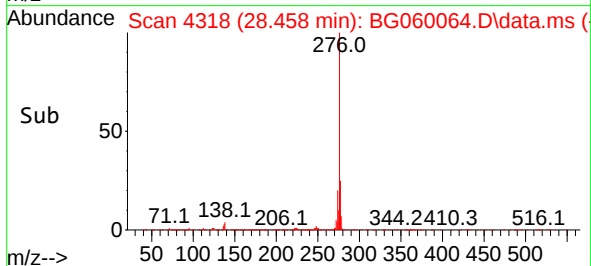
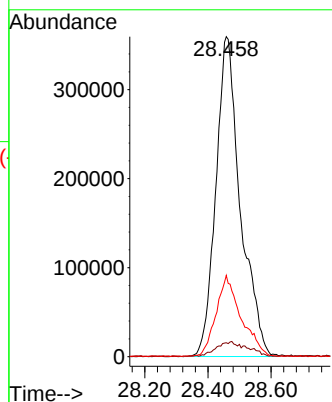
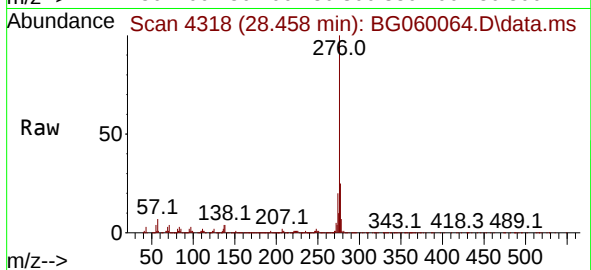
Tgt Ion:276 Resp: 1933429

Ion Ratio Lower Upper

276 100

138 5.8 4.7 7.1

277 25.8 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 41.483 ng

RT: 23.799 min Scan# 3525

Delta R.T. 0.000 min

Lab File: BG060064.D

Acq: 18 Dec 2023 13:25

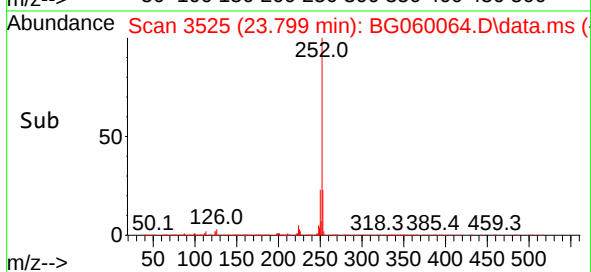
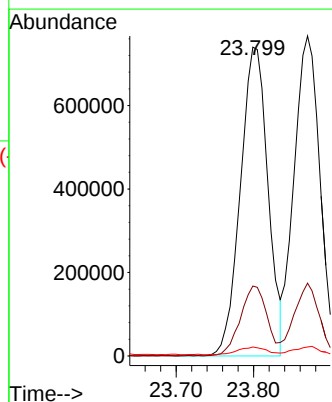
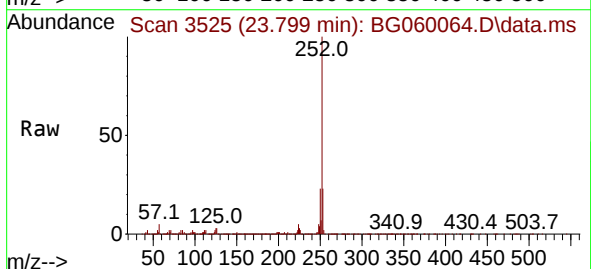
Tgt Ion:252 Resp: 1829995

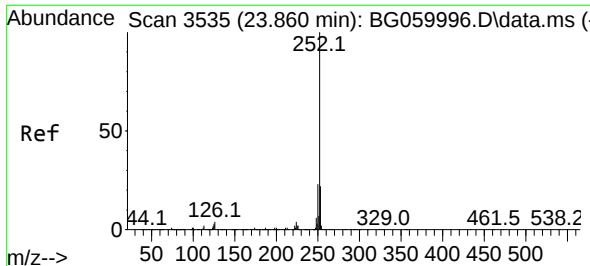
Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

125 2.9 2.6 4.0

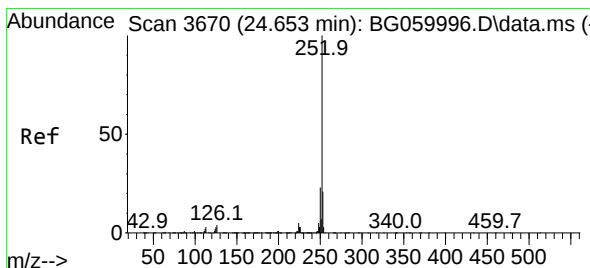
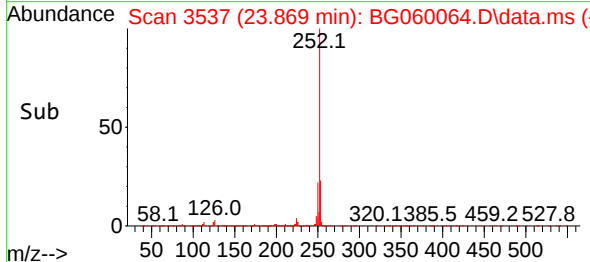
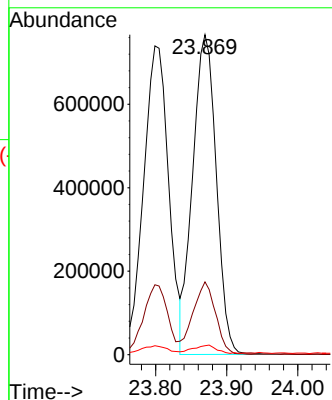
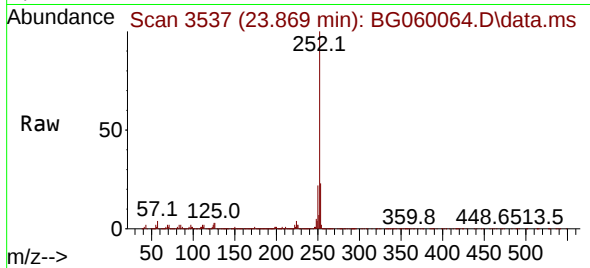




#89
Benzo(k)fluoranthene
Concen: 41.269 ng
RT: 23.869 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

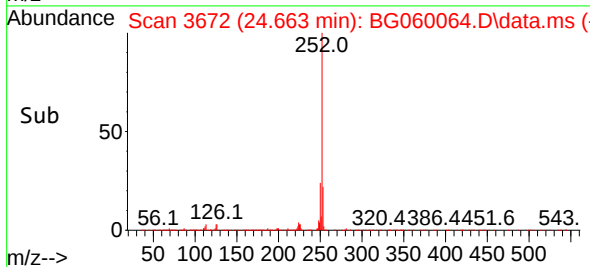
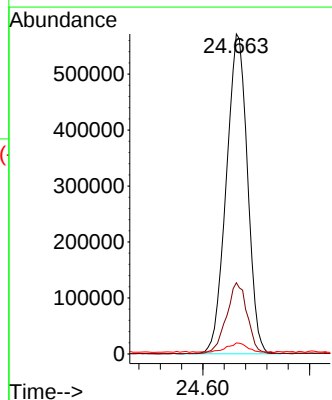
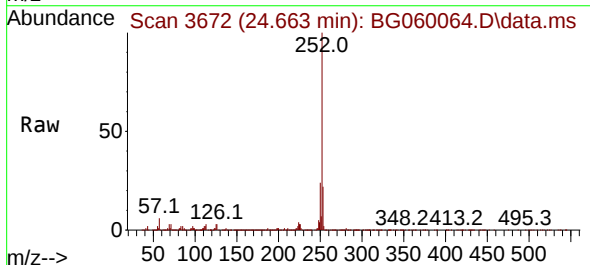
Instrument :
BNA_F
ClientSampleId :

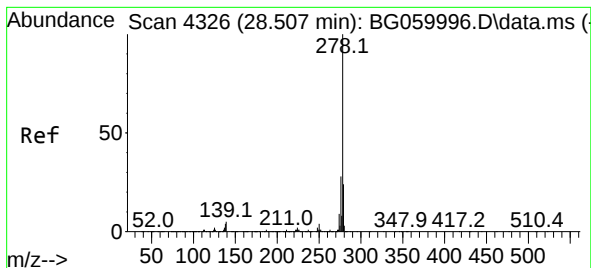
Tgt Ion:252 Resp: 1765894
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 2.8 2.5 3.7



#90
Benzo(a)pyrene
Concen: 40.309 ng
RT: 24.663 min Scan# 3672
Delta R.T. 0.000 min
Lab File: BG060064.D
Acq: 18 Dec 2023 13:25

Tgt Ion:252 Resp: 1575455
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 3.5 2.6 4.0





#91

Dibenzo(a,h)anthracene

Concen: 38.559 ng

RT: 28.523 min Scan# 41

Delta R.T. 0.000 min

Lab File: BG060064.D

Acq: 18 Dec 2023 13:25

Instrument :

BNA_F

ClientSampleId :

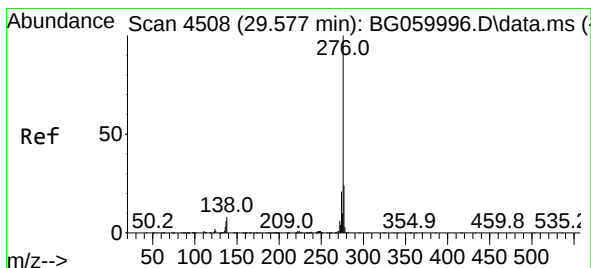
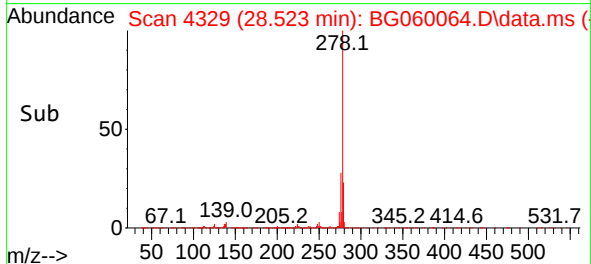
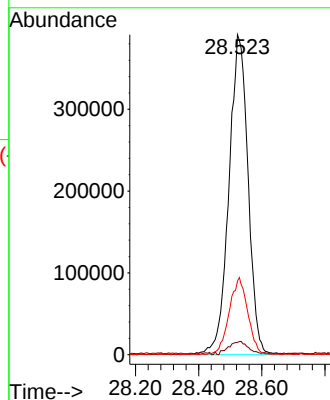
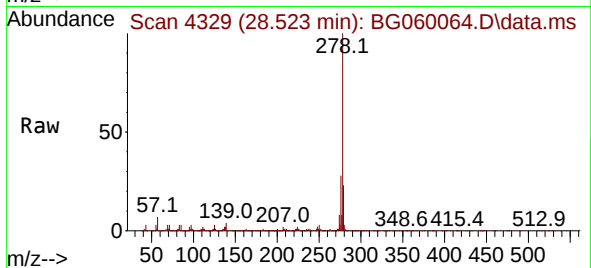
Tgt Ion:278 Resp: 1643672

Ion Ratio Lower Upper

278 100

139 3.8 4.4 6.6#

279 23.0 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 37.221 ng

RT: 29.598 min Scan# 4512

Delta R.T. 0.000 min

Lab File: BG060064.D

Acq: 18 Dec 2023 13:25

Tgt Ion:276 Resp: 1578217

Ion Ratio Lower Upper

276 100

277 23.5 19.4 29.2

138 5.1 6.0 9.0#

