

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090524\
 Data File : BG062658.D
 Acq On : 5 Sep 2024 9:10
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 05 10:49:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	60880	20.000	ng	0.00
21) Naphthalene-d8	10.714	136	260971	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	209526	20.000	ng	0.00
64) Phenanthrene-d10	17.289	188	569131	20.000	ng	0.00
76) Chrysene-d12	21.537	240	596507	20.000	ng	0.00
86) Perylene-d12	24.604	264	678363	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	267430	75.930	ng	0.00
7) Phenol-d6	7.089	99	399358	78.489	ng	0.00
23) Nitrobenzene-d5	9.075	82	385579	79.571	ng	0.00
42) 2,4,6-Tribromophenol	16.038	330	253263	85.890	ng	0.00
45) 2-Fluorobiphenyl	13.170	172	977998	75.606	ng	0.00
79) Terphenyl-d14	19.909	244	2200732	73.154	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.411	88	58515	39.881	ng 94
3) Pyridine	3.799	79	171162	40.488	ng 94
4) n-Nitrosodimethylamine	3.717	42	81501	39.655	ng 98
6) Aniline	7.248	93	179663	37.794	ng 96
8) 2-Chlorophenol	7.489	128	143195	37.869	ng 97
9) Benzaldehyde	7.060	77	119694	40.441	ng 98
10) Phenol	7.113	94	204480	39.698	ng 98
11) bis(2-Chloroethyl)ether	7.342	93	149768	37.976	ng 97
12) 1,3-Dichlorobenzene	7.812	146	162970	39.274	ng 98
13) 1,4-Dichlorobenzene	7.959	146	165977	38.867	ng 98
14) 1,2-Dichlorobenzene	8.276	146	162653	38.749	ng 98
15) Benzyl Alcohol	8.159	79	140883	37.422	ng 98
16) 2,2'-oxybis(1-Chloropr...	8.452	45	259984	34.590	ng 97
17) 2-Methylphenol	8.364	107	132467	36.894	ng 97
18) Hexachloroethane	9.005	117	58263	36.386	ng 88
19) n-Nitroso-di-n-propyla...	8.723	70	133758	33.362	ng 98
20) 3+4-Methylphenols	8.687	107	189125	35.704	ng 92
22) Acetophenone	8.740	105	253023	35.939	ng # 96
24) Nitrobenzene	9.116	77	200956	39.004	ng 99
25) Isophorone	9.639	82	351258	33.023	ng 98
26) 2-Nitrophenol	9.827	139	78143	40.140	ng 99
27) 2,4-Dimethylphenol	9.886	122	105421	36.958	ng 99
28) bis(2-Chloroethoxy)met...	10.121	93	208702	36.652	ng 100
29) 2,4-Dichlorophenol	10.362	162	159542	40.003	ng 93
30) 1,2,4-Trichlorobenzene	10.579	180	188838	39.941	ng 100
31) Naphthalene	10.767	128	502238	38.827	ng 99
32) Benzoic acid	10.021	122	100956	32.908	ng 99
33) 4-Chloroaniline	10.867	127	198131	38.922	ng 97
34) Hexachlorobutadiene	11.055	225	135911	41.159	ng 98
35) Caprolactam	11.631	113	60049	39.056	ng 98
36) 4-Chloro-3-methylphenol	11.995	107	181795	37.790	ng 99
37) 2-Methylnaphthalene	12.371	142	377858	37.663	ng 99
38) 1-Methylnaphthalene	12.589	142	376840	37.407	ng 100
40) 1,2,4,5-Tetrachloroben...	12.741	216	250297	39.723	ng 99
41) Hexachlorocyclopentadiene	12.724	237	76453	42.526	ng 97
43) 2,4,6-Trichlorophenol	12.982	196	159186	39.851	ng 98

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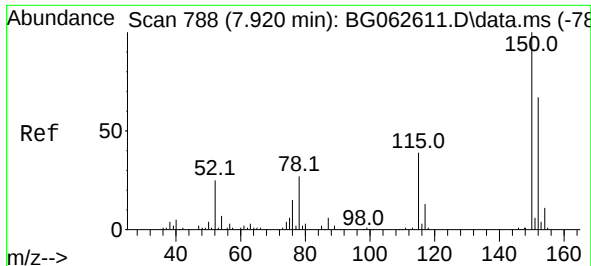
Quant Time: Sep 05 10:49:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.053	196	178961	39.561	ng	98
46) 1,1'-Biphenyl	13.382	154	533268	38.150	ng	99
47) 2-Chloronaphthalene	13.423	162	437630	38.630	ng	99
48) 2-Nitroaniline	13.623	65	122298	41.044	ng	97
49) Acenaphthylene	14.269	152	636042	37.912	ng	99
50) Dimethylphthalate	14.005	163	584115	38.125	ng	99
51) 2,6-Dinitrotoluene	14.122	165	127492	43.994	ng	87
52) Acenaphthene	14.610	154	407938	38.897	ng	98
53) 3-Nitroaniline	14.445	138	123889	44.182	ng	99
54) 2,4-Dinitrophenol	14.657	184	70237	43.188	ng	93
55) Dibenzofuran	14.945	168	714003	39.698	ng	96
56) 4-Nitrophenol	14.757	139	108004	45.448	ng	93
57) 2,4-Dinitrotoluene	14.909	165	182712	46.209	ng	93
58) Fluorene	15.597	166	560189	39.687	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.174	232	182944	42.690	ng	# 96
60) Diethylphthalate	15.368	149	598269	39.398	ng	98
61) 4-Chlorophenyl-phenyle...	15.591	204	328887	40.587	ng	95
62) 4-Nitroaniline	15.609	138	141358	45.719	ng	98
63) Azobenzene	15.879	77	552106	38.720	ng	99
65) 4,6-Dinitro-2-methylph...	15.673	198	108835	42.851	ng	90
66) n-Nitrosodiphenylamine	15.802	169	516622	37.756	ng	99
67) 4-Bromophenyl-phenylether	16.484	248	229231	39.026	ng	95
68) Hexachlorobenzene	16.602	284	276570	39.758	ng	95
69) Atrazine	16.748	200	199670	42.962	ng	99
70) Pentachlorophenol	16.942	266	181369	40.707	ng	98
71) Phenanthrene	17.330	178	1032171	38.855	ng	99
72) Anthracene	17.424	178	1017565	38.959	ng	99
73) Carbazole	17.694	167	953050	39.692	ng	99
74) Di-n-butylphthalate	18.258	149	1061349	39.195	ng	99
75) Fluoranthene	19.345	202	1357571	40.407	ng	99
77) Benzidine	19.528	184	508430	47.290	ng	98
78) Pyrene	19.704	202	1413837	37.287	ng	99
80) Butylbenzylphthalate	20.597	149	416986	37.440	ng	97
81) Benzo(a)anthracene	21.519	228	1437945	38.220	ng	99
82) 3,3'-Dichlorobenzidine	21.437	252	466642	38.074	ng	97
83) Chrysene	21.578	228	1393234	38.661	ng	99
84) Bis(2-ethylhexyl)phtha...	21.437	149	631839	37.342	ng	# 97
85) Di-n-octyl phthalate	22.595	149	1069899	36.114	ng	99
87) Indeno(1,2,3-cd)pyrene	28.070	276	1738884	39.976	ng	98
88) Benzo(b)fluoranthene	23.634	252	1476565	39.408	ng	97
89) Benzo(k)fluoranthene	23.705	252	1427102	38.937	ng	98
90) Benzo(a)pyrene	24.463	252	1277974	38.608	ng	99
91) Dibenzo(a,h)anthracene	28.135	278	1449289	40.446	ng	97
92) Benzo(g,h,i)perylene	29.163	276	1446497	40.033	ng	97

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

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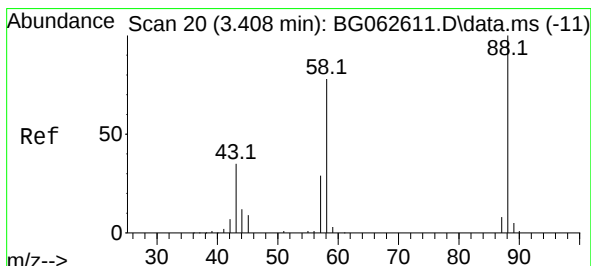
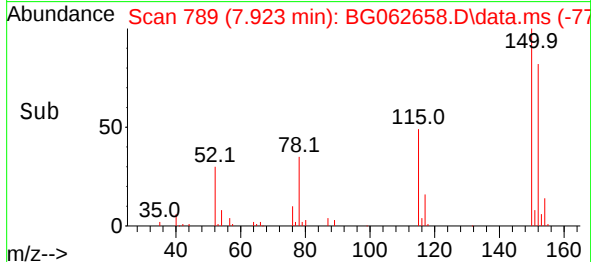
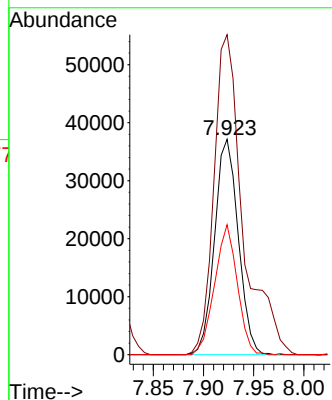
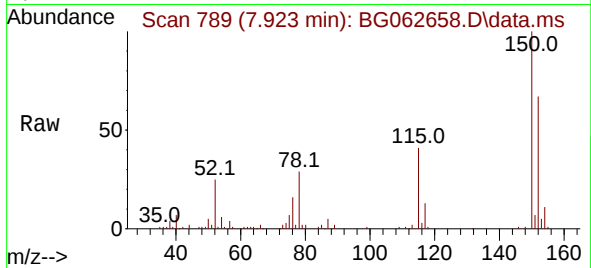




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 71
Delta R.T. 0.003 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

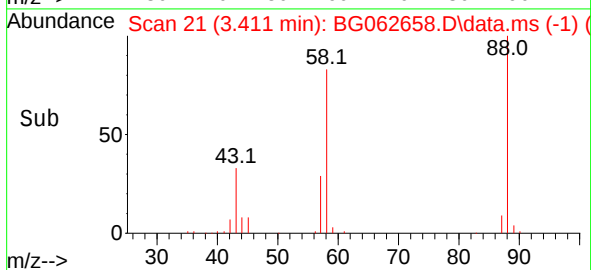
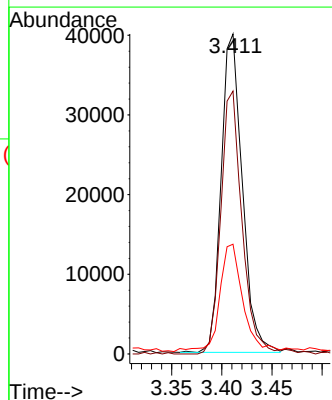
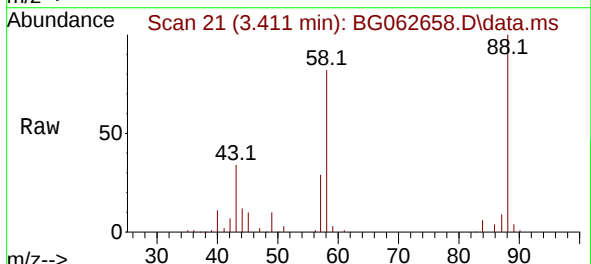
Instrument :
BNA_G
ClientSampleId :

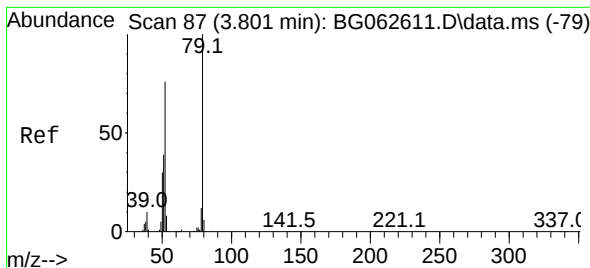
Tgt Ion:152 Resp: 60880
Ion Ratio Lower Upper
152 100
150 148.6 119.9 179.9
115 60.3 46.6 69.8



#2
1,4-Dioxane
Concen: 39.881 ng
RT: 3.411 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

Tgt Ion: 88 Resp: 58515
Ion Ratio Lower Upper
88 100
58 83.5 62.3 93.5
43 36.7 27.5 41.3





#3

Pyridine

Concen: 40.488 ng

RT: 3.799 min Scan# 81

Delta R.T. -0.002 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

Instrument :

BNA_G

ClientSampleId :

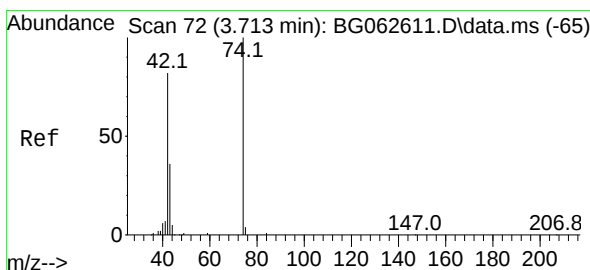
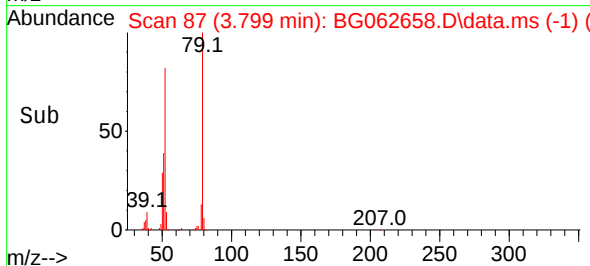
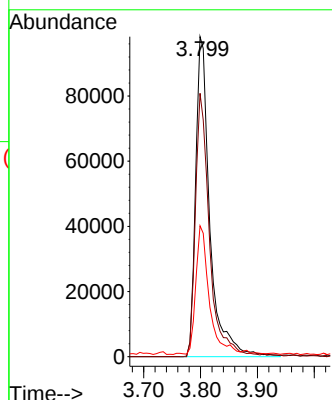
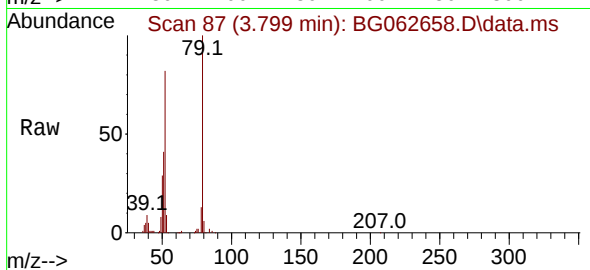
Tgt Ion: 79 Resp: 171162

Ion Ratio Lower Upper

79 100

52 82.3 60.9 91.3

51 40.9 31.5 47.3



#4

n-Nitrosodimethylamine

Concen: 39.655 ng

RT: 3.717 min Scan# 73

Delta R.T. 0.003 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

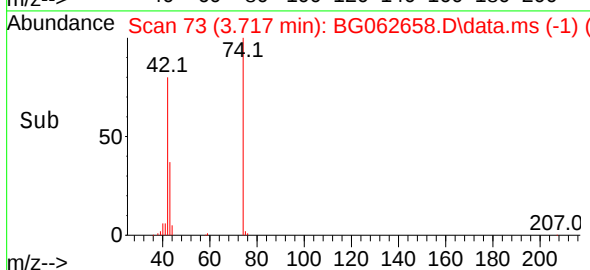
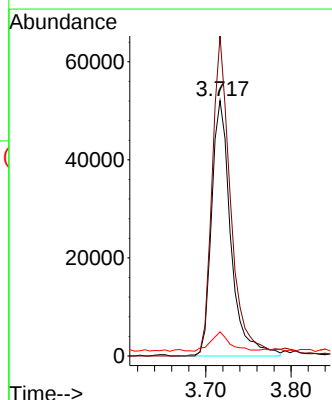
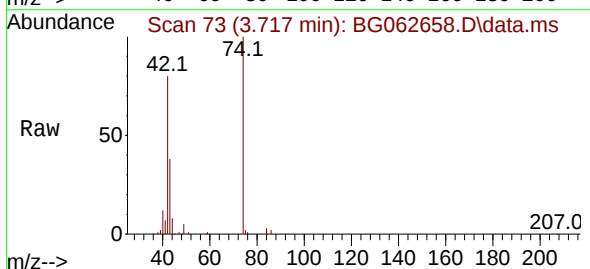
Tgt Ion: 42 Resp: 81501

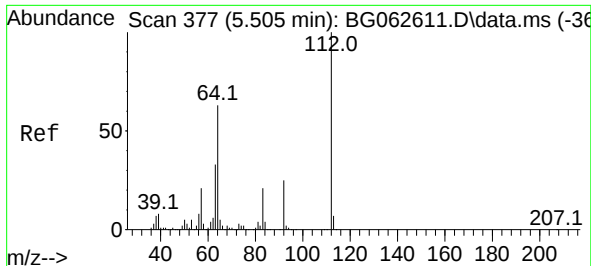
Ion Ratio Lower Upper

42 100

74 125.3 98.0 147.0

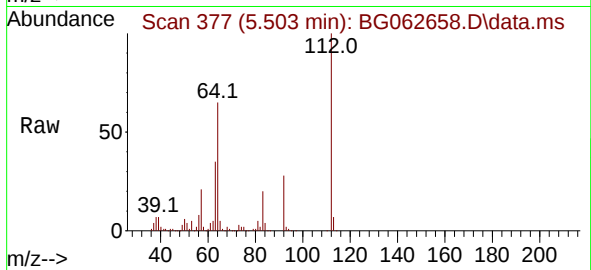
44 9.4 7.4 11.2



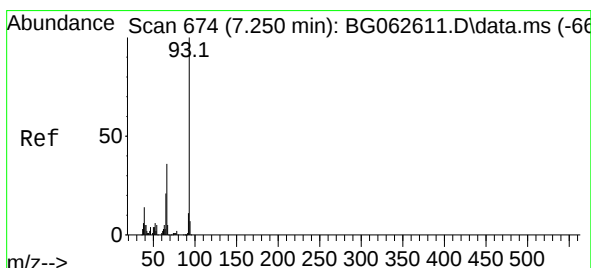
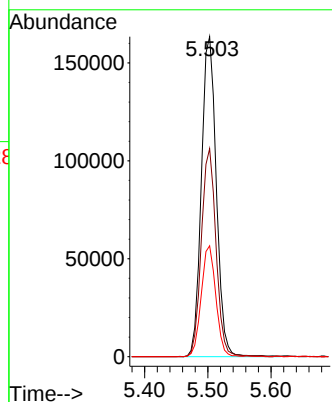
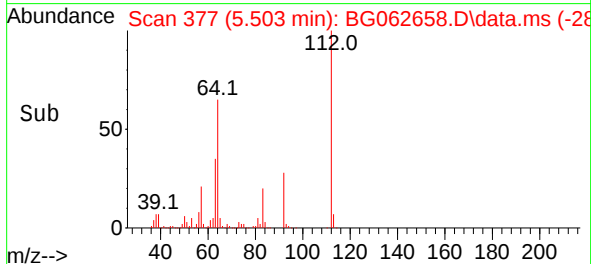


#5
2-Fluorophenol
Concen: 75.930 ng
RT: 5.503 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

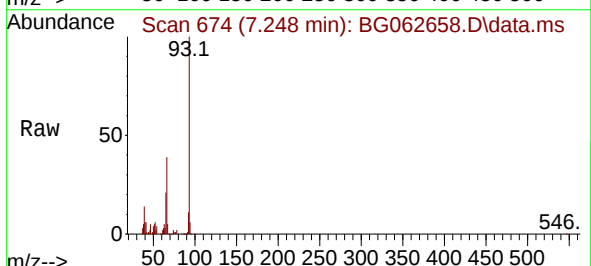
Instrument :
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ClientSampleId :



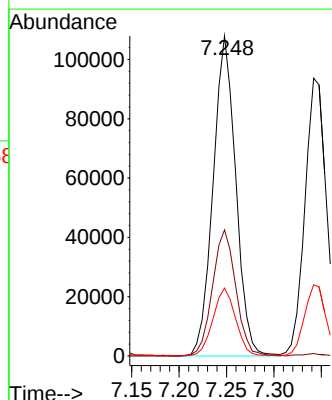
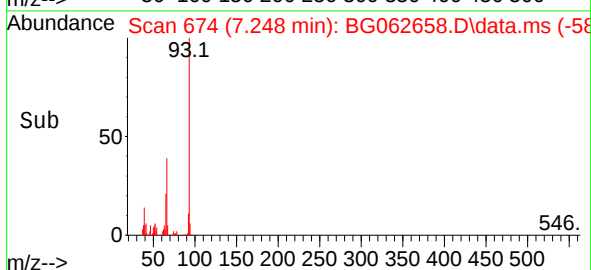
Tgt Ion:112 Resp: 267430
Ion Ratio Lower Upper
112 100
64 65.0 50.2 75.2
63 34.7 26.6 39.8

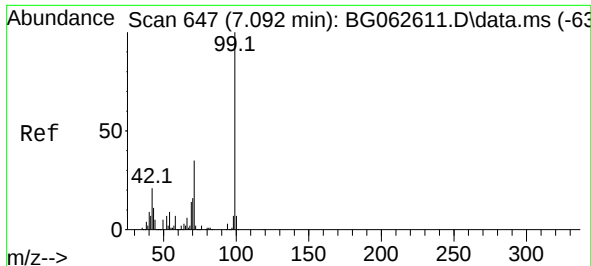


#6
Aniline
Concen: 37.794 ng
RT: 7.248 min Scan# 674
Delta R.T. -0.002 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10



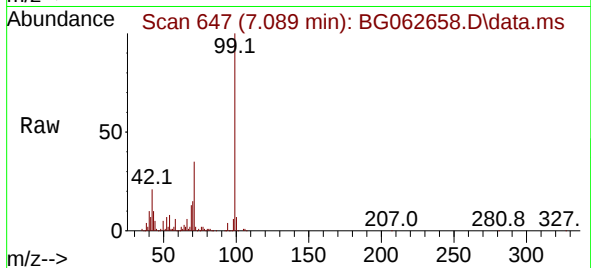
Tgt Ion: 93 Resp: 179663
Ion Ratio Lower Upper
93 100
66 39.4 29.1 43.7
65 21.2 16.6 25.0



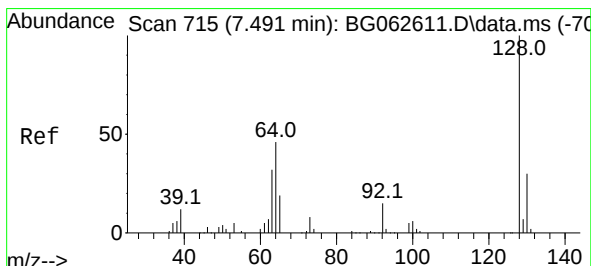
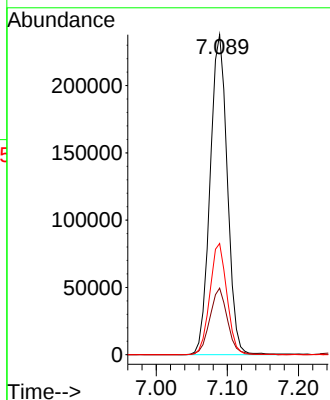
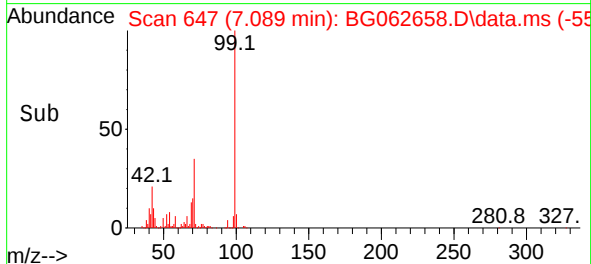


#7
Phenol-d6
Concen: 78.489 ng
RT: 7.089 min Scan# 647
Delta R.T. -0.002 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

Instrument :
BNA_G
ClientSampleId :

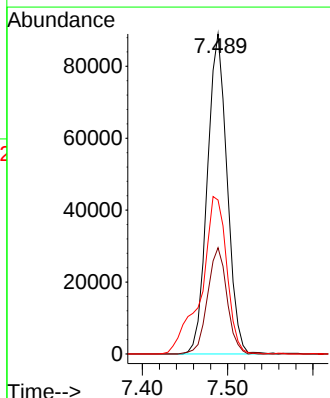
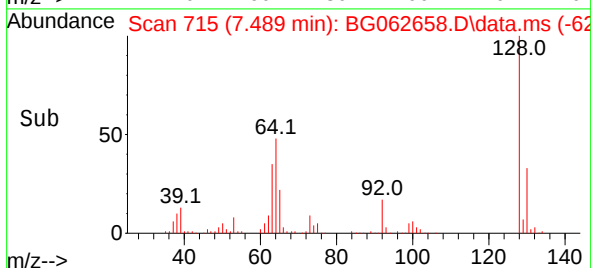
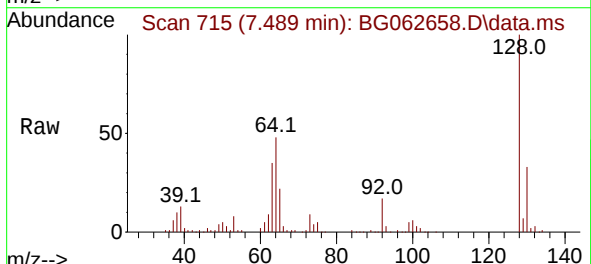


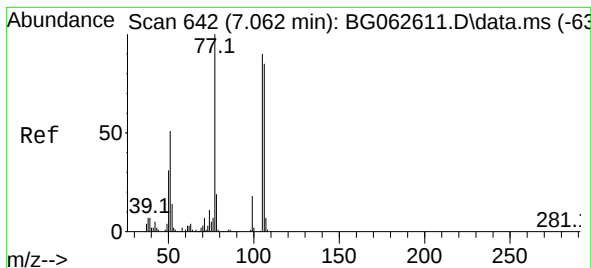
Tgt Ion: 99 Resp: 399358
Ion Ratio Lower Upper
99 100
42 20.8 16.9 25.3
71 34.8 27.9 41.9



#8
2-Chlorophenol
Concen: 37.869 ng
RT: 7.489 min Scan# 715
Delta R.T. -0.003 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

Tgt Ion:128 Resp: 143195
Ion Ratio Lower Upper
128 100
130 33.2 10.0 50.0
64 48.1 28.8 68.8





#9

Benzaldehyde

Concen: 40.441 ng

RT: 7.060 min Scan# 642

Delta R.T. -0.002 min

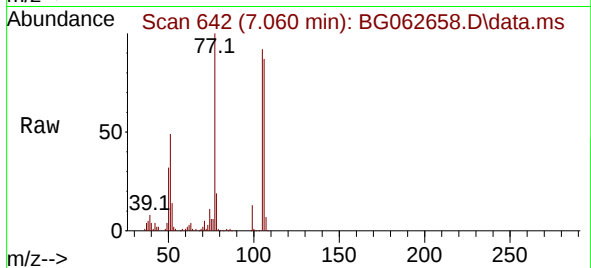
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Acq: 5 Sep 2024 9:10

Instrument :

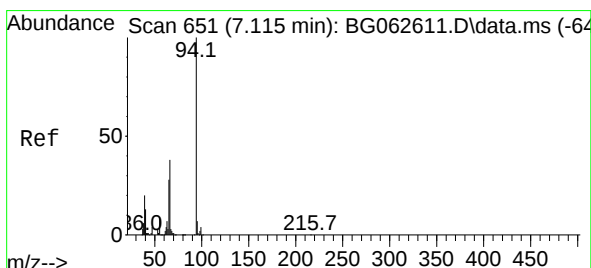
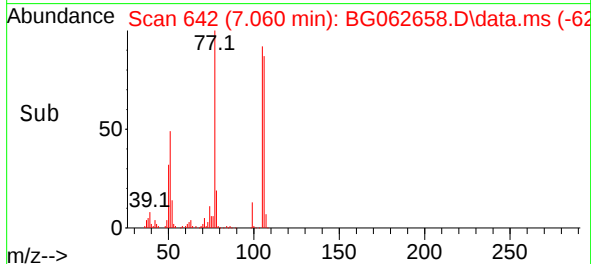
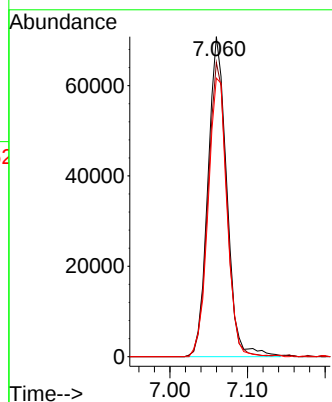
BNA_G

ClientSampleId :



Tgt Ion: 77 Resp: 119694

Ion	Ratio	Lower	Upper
77	100		
105	91.9	70.2	110.2
106	87.0	65.4	105.4



#10

Phenol

Concen: 39.698 ng

RT: 7.113 min Scan# 651

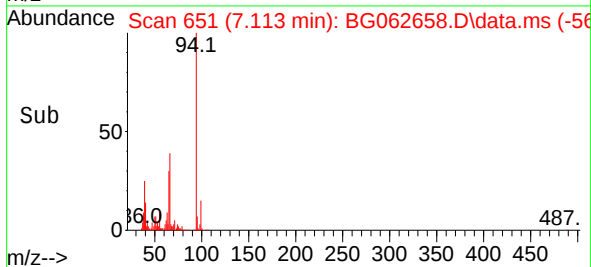
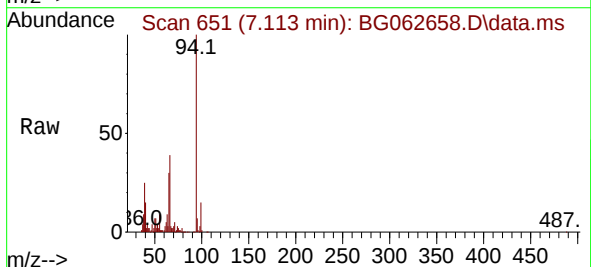
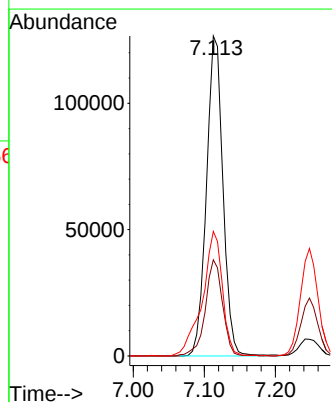
Delta R.T. -0.002 min

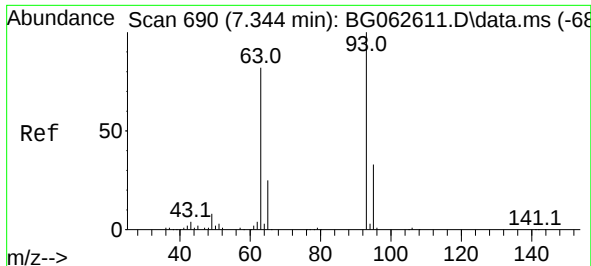
Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

Tgt Ion: 94 Resp: 204480

Ion	Ratio	Lower	Upper
94	100		
65	30.0	8.6	48.6
66	38.9	18.2	58.2





#11

bis(2-Chloroethyl)ether

Concen: 37.976 ng

RT: 7.342 min Scan# 690

Delta R.T. -0.002 min

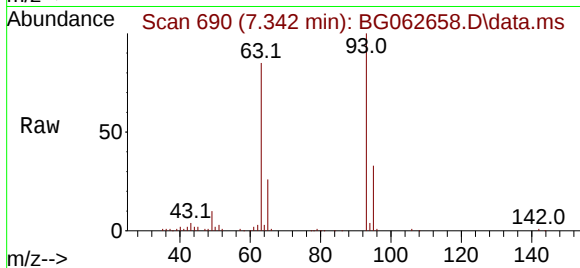
Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

Instrument :

BNA_G

ClientSampleId :



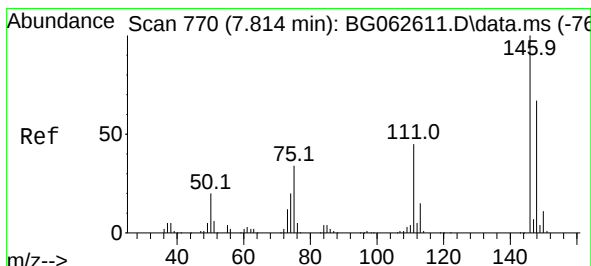
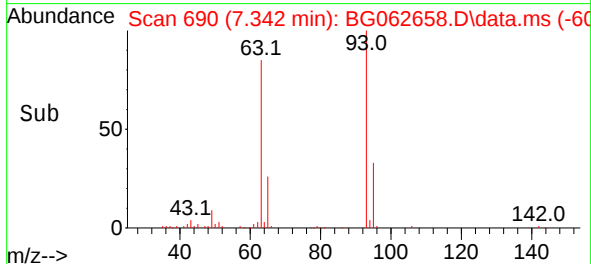
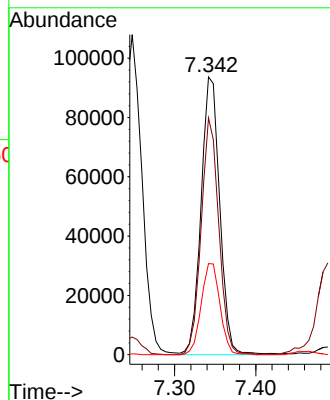
Tgt Ion: 93 Resp: 149768

Ion Ratio Lower Upper

93 100

63 85.3 61.9 101.9

95 32.8 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 39.274 ng

RT: 7.812 min Scan# 770

Delta R.T. -0.002 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

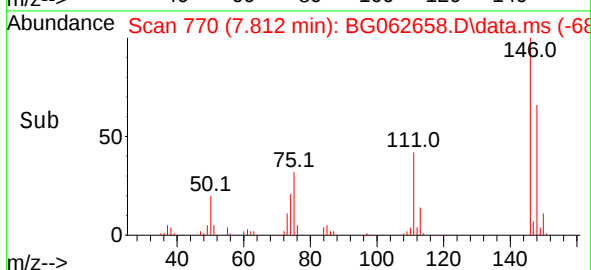
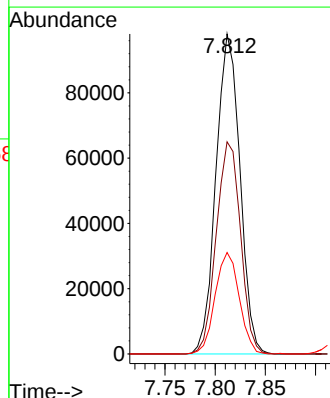
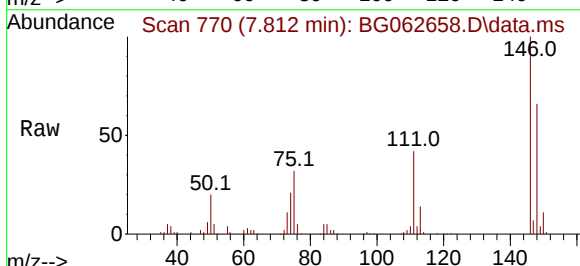
Tgt Ion:146 Resp: 162970

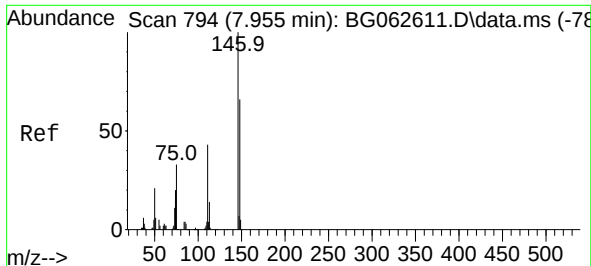
Ion Ratio Lower Upper

146 100

148 66.3 53.9 80.9

75 31.7 27.0 40.4

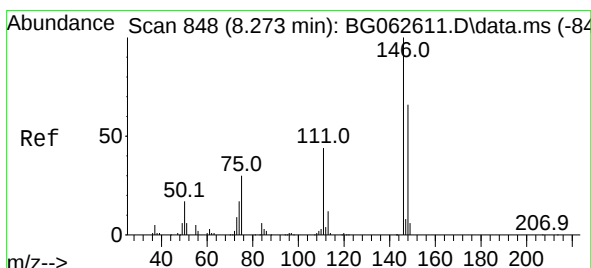
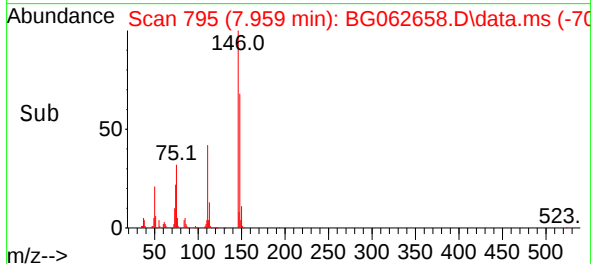
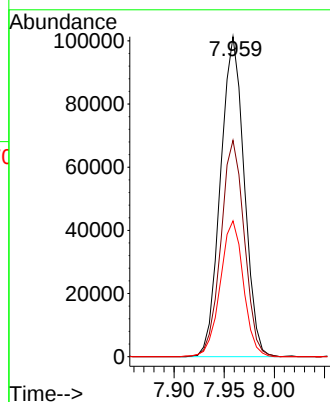
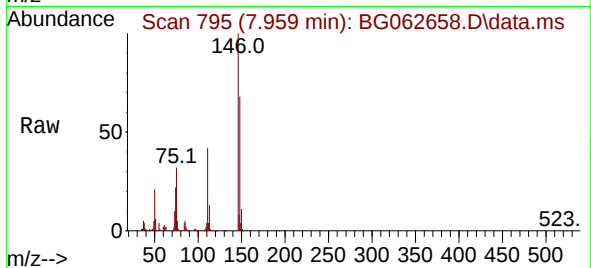




#13
1,4-Dichlorobenzene
Concen: 38.867 ng
RT: 7.959 min Scan# 794
Delta R.T. 0.003 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

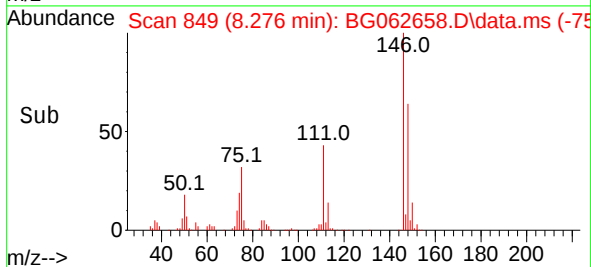
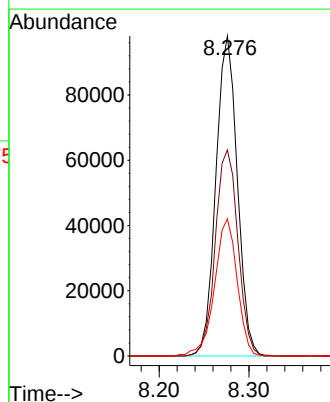
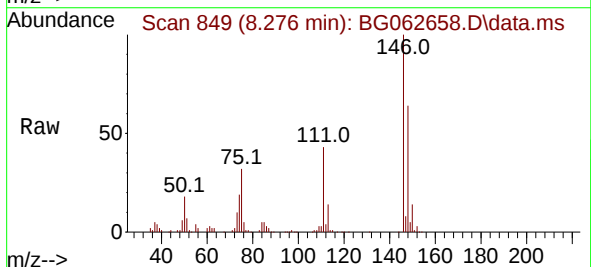
Instrument :
BNA_G
ClientSampleId :

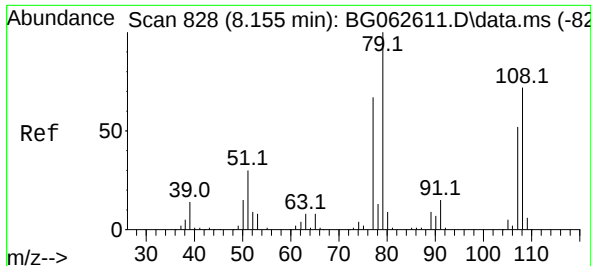
Tgt Ion:146 Resp: 165977
Ion Ratio Lower Upper
146 100
148 67.6 53.0 79.6
111 42.4 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 38.749 ng
RT: 8.276 min Scan# 849
Delta R.T. 0.003 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

Tgt Ion:146 Resp: 162653
Ion Ratio Lower Upper
146 100
148 64.4 52.5 78.7
111 42.8 35.5 53.3

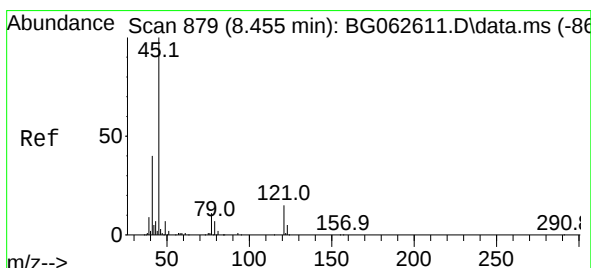
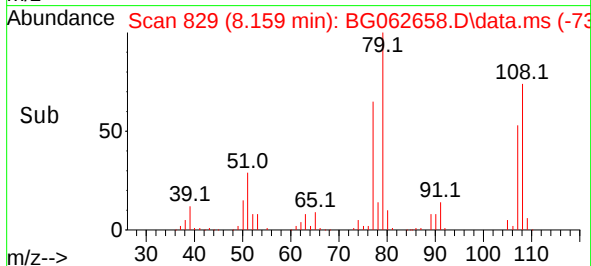
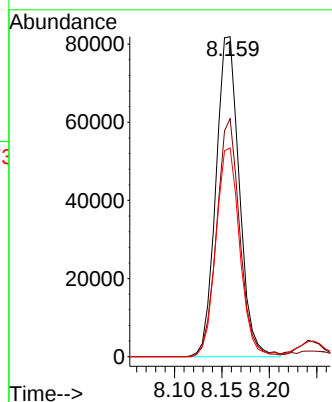
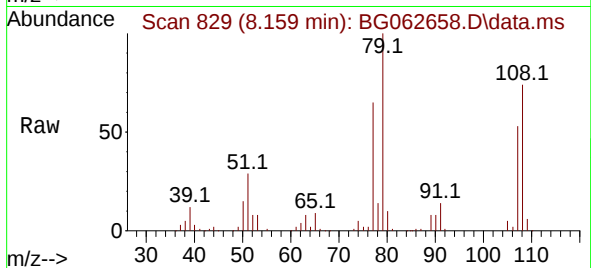




#15
Benzyl Alcohol
Concen: 37.422 ng
RT: 8.159 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

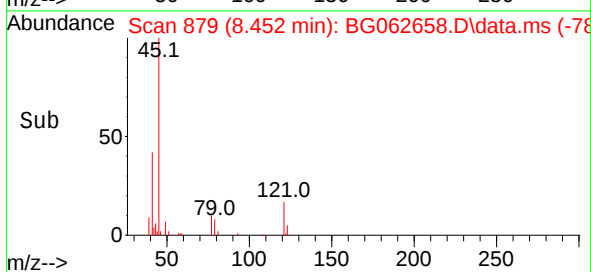
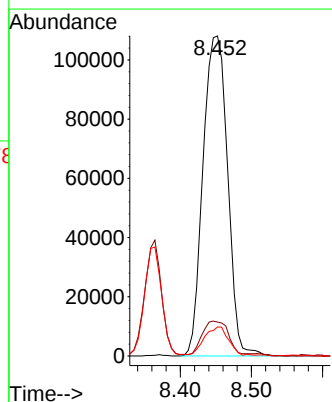
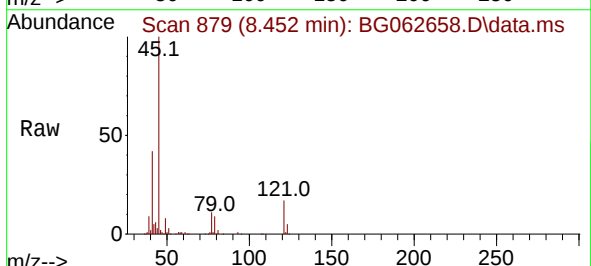
Instrument :
BNA_G
ClientSampleId :

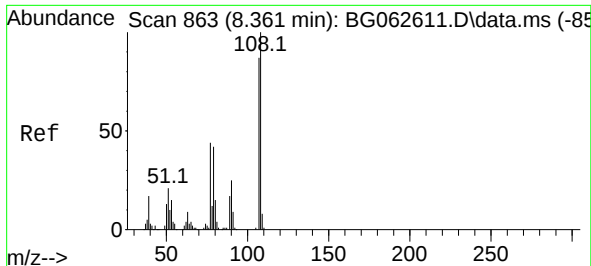
Tgt Ion: 79 Resp: 140883
Ion Ratio Lower Upper
79 100
108 74.4 57.9 86.9
77 65.2 53.4 80.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.590 ng
RT: 8.452 min Scan# 879
Delta R.T. -0.002 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

Tgt Ion: 45 Resp: 259984
Ion Ratio Lower Upper
45 100
77 10.6 0.0 31.7
79 9.1 0.0 28.3

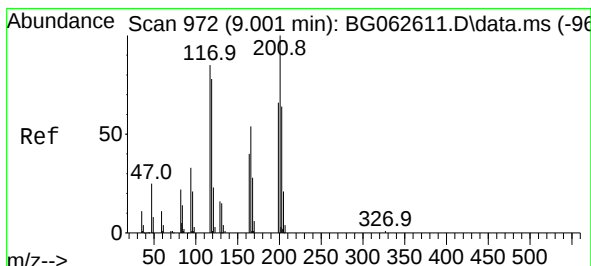
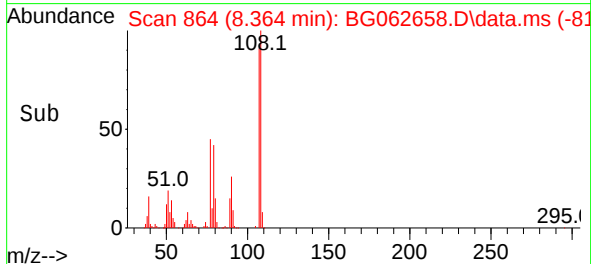
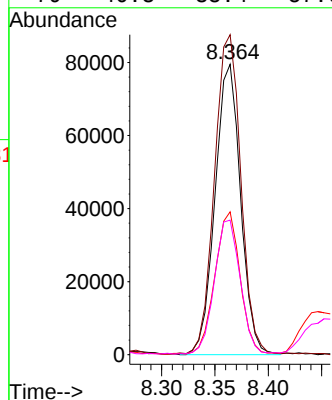
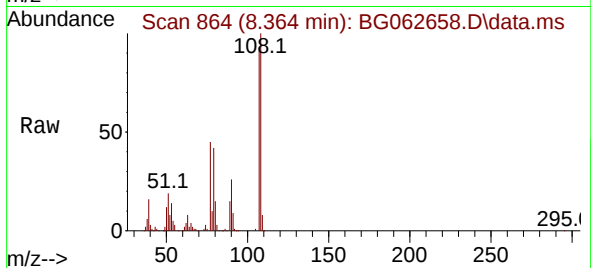




#17
2-Methylphenol
Concen: 36.894 ng
RT: 8.364 min Scan# 863
Delta R.T. 0.003 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

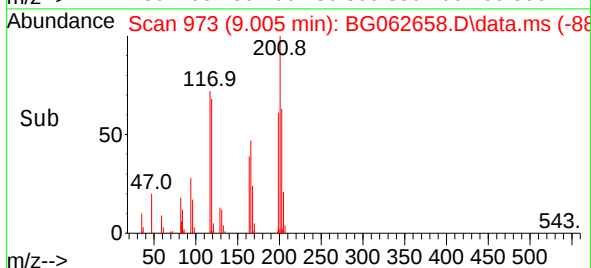
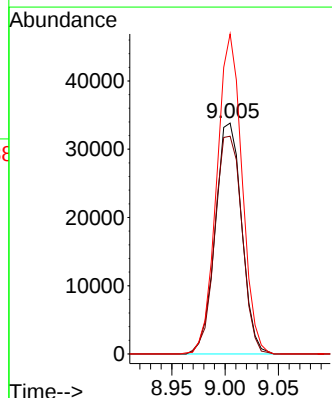
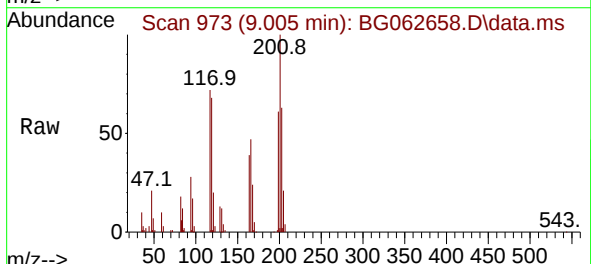
Instrument :
BNA_G
ClientSampleId :

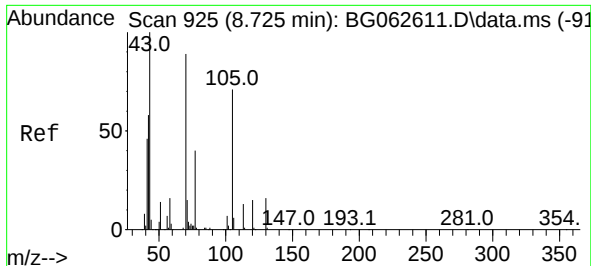
Tgt Ion:107 Resp: 132467
Ion Ratio Lower Upper
107 100
108 110.2 91.5 137.3
77 49.2 40.0 60.0
79 46.3 38.4 57.6



#18
Hexachloroethane
Concen: 36.386 ng
RT: 9.005 min Scan# 973
Delta R.T. 0.003 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

Tgt Ion:117 Resp: 58263
Ion Ratio Lower Upper
117 100
119 94.3 73.4 110.0
201 138.6 93.9 140.9

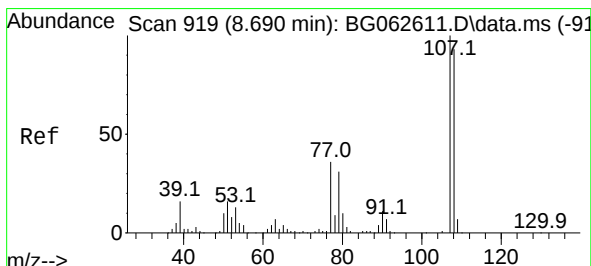
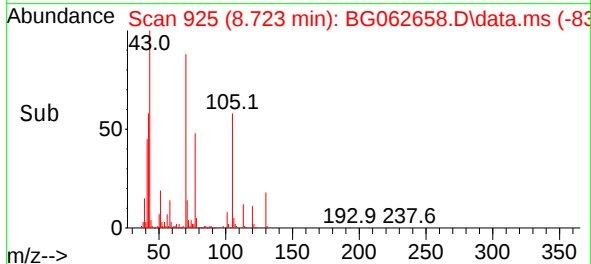
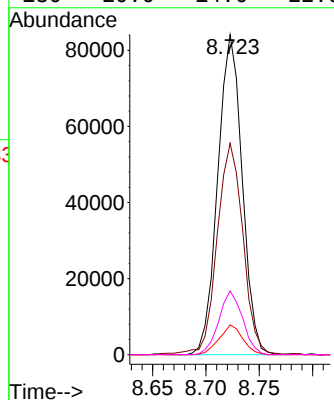
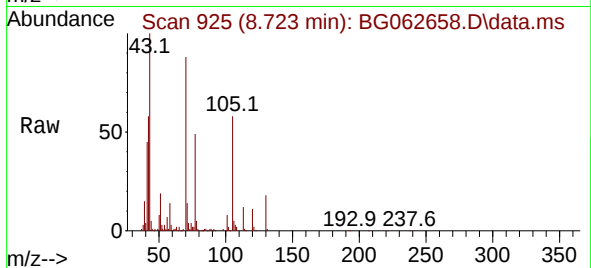




#19
n-Nitroso-di-n-propylamine
Concen: 33.362 ng
RT: 8.723 min Scan# 919
Delta R.T. -0.002 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

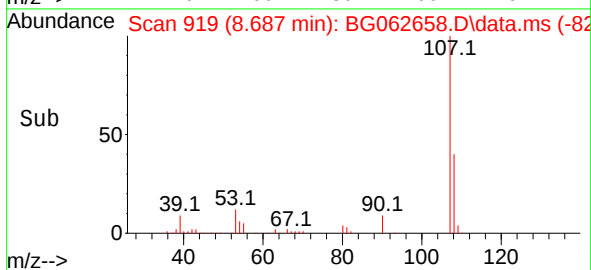
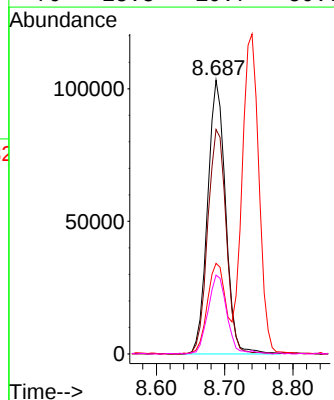
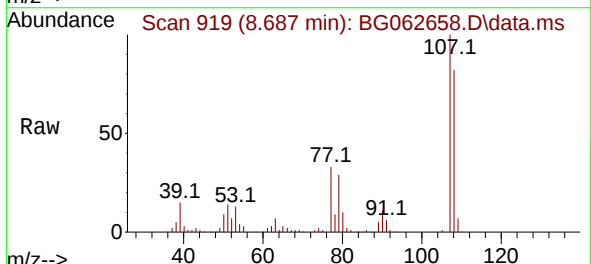
Instrument :
BNA_G
ClientSampleId :

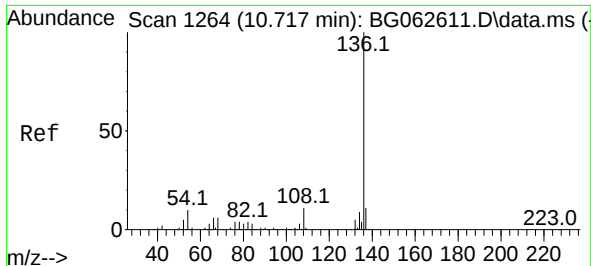
Tgt Ion: 70 Resp: 133758
Ion Ratio Lower Upper
70 100
42 66.1 52.3 78.5
101 9.3 6.6 9.8
130 20.0 14.6 22.0



#20
3+4-Methylphenols
Concen: 35.704 ng
RT: 8.687 min Scan# 919
Delta R.T. -0.002 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

Tgt Ion:107 Resp: 189125
Ion Ratio Lower Upper
107 100
108 82.0 72.7 112.7
77 33.1 16.5 56.5
79 28.8 10.7 50.7

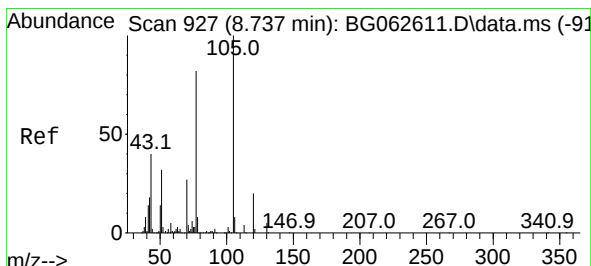
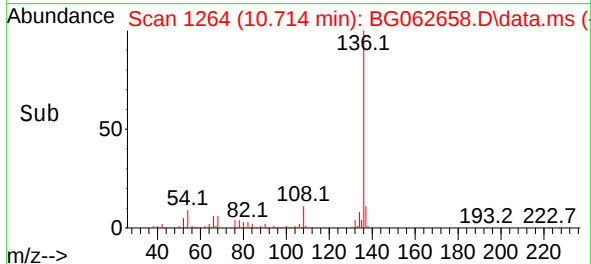
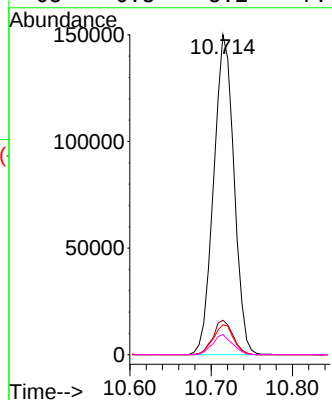
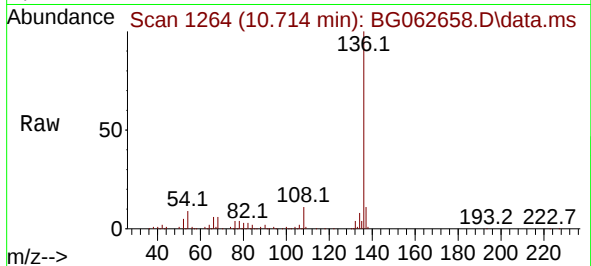




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.714 min Scan# 1264
Delta R.T. -0.002 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

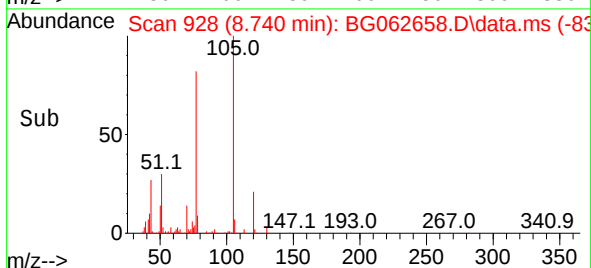
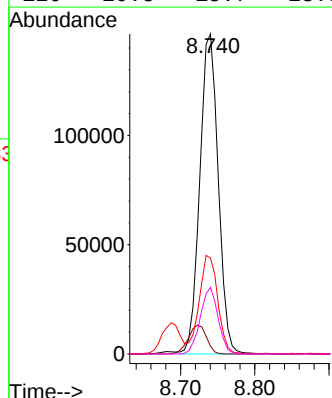
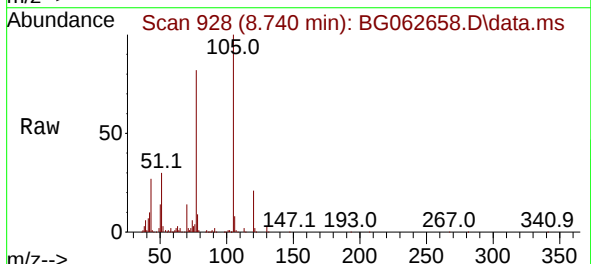
Instrument :
BNA_G
ClientSampleId :

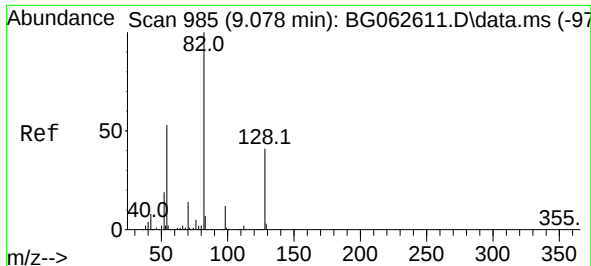
Tgt Ion:136	Resp: 260971
Ion Ratio	Lower Upper
136 100	
137 10.8	9.0 13.4
54 9.4	7.8 11.6
68 6.3	5.1 7.7



#22
Acetophenone
Concen: 35.939 ng
RT: 8.740 min Scan# 928
Delta R.T. 0.003 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

Tgt	Ion:105	Resp:	253023
Ion	Ratio	Lower	Upper
105	100		
71	2.4	3.5	5.3#
51	30.0	25.7	38.5
120	20.8	15.7	23.5





#23

Nitrobenzene-d5

Concen: 79.571 ng

RT: 9.075 min Scan# 90

Delta R.T. -0.002 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

Instrument :

BNA_G

ClientSampleId :

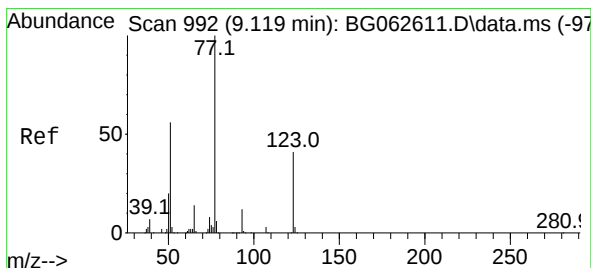
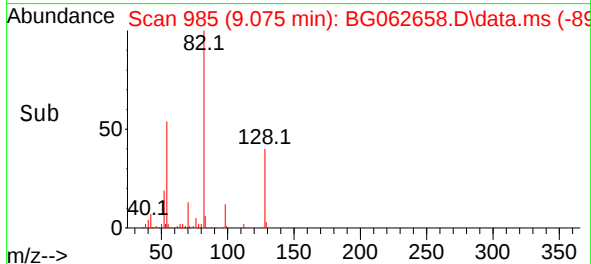
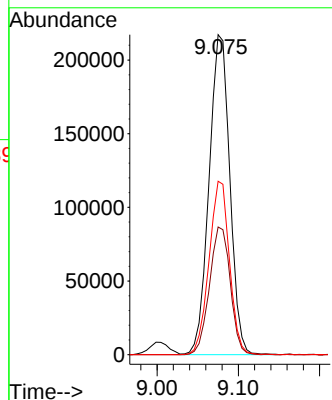
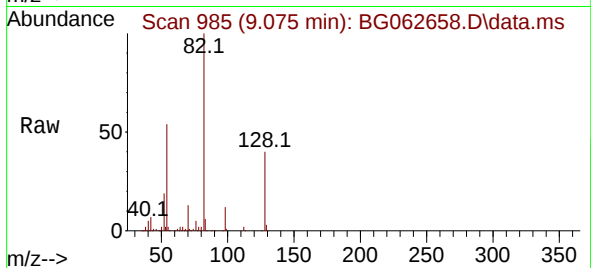
Tgt Ion: 82 Resp: 385579

Ion Ratio Lower Upper

82 100

128 39.9 32.5 48.7

54 54.2 42.5 63.7



#24

Nitrobenzene

Concen: 39.004 ng

RT: 9.116 min Scan# 992

Delta R.T. -0.002 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

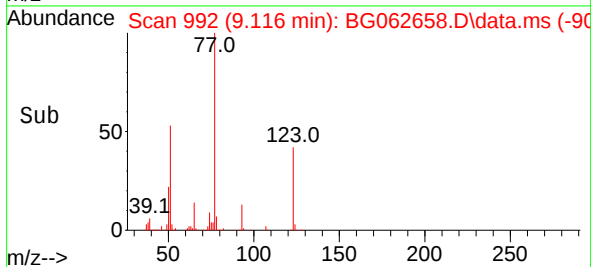
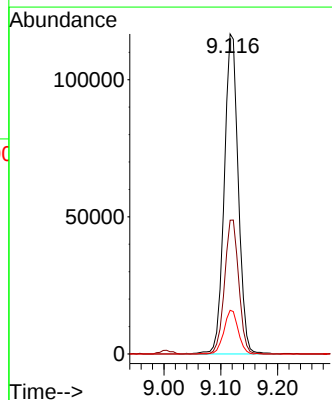
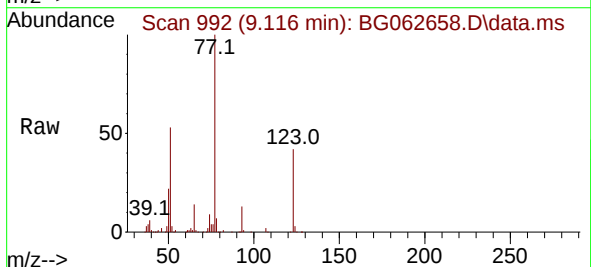
Tgt Ion: 77 Resp: 200956

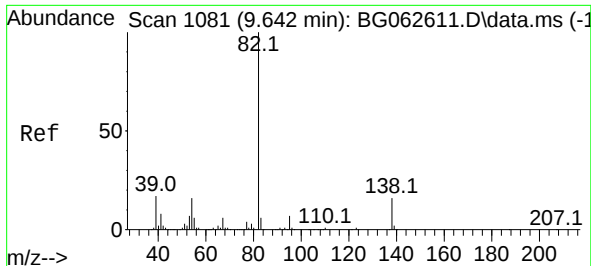
Ion Ratio Lower Upper

77 100

123 41.8 33.1 49.7

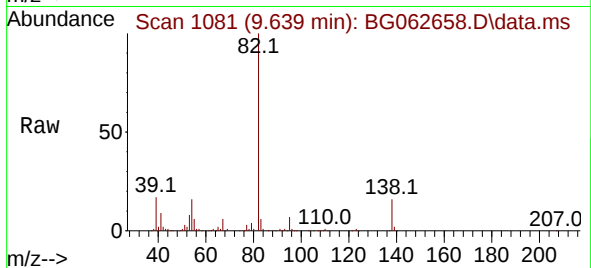
65 13.7 11.0 16.4



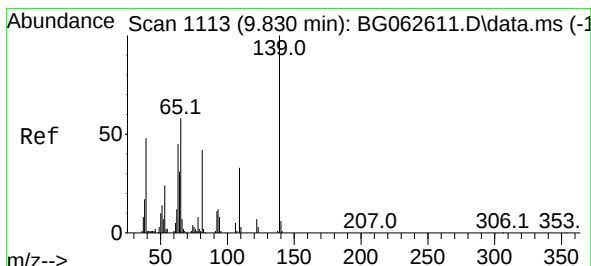
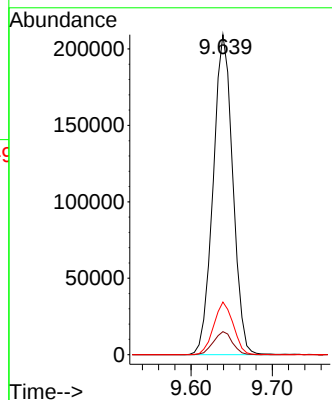
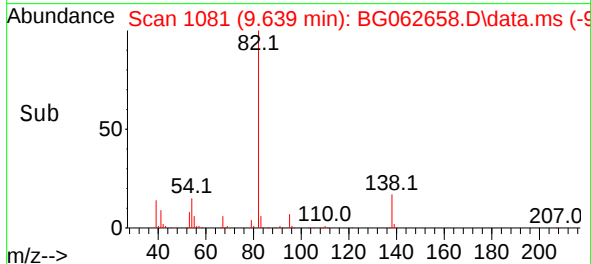


#25
Isophorone
Concen: 33.023 ng
RT: 9.639 min Scan# 1081
Delta R.T. -0.003 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

Instrument :
BNA_G
ClientSampleId :

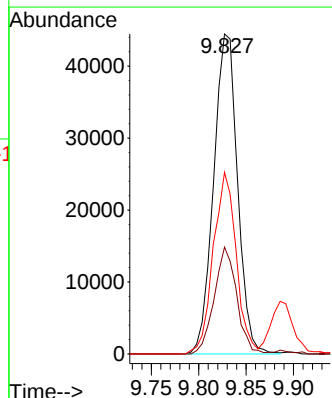
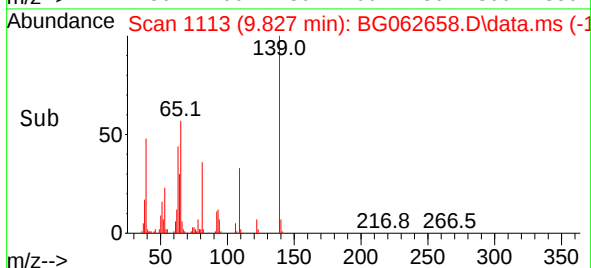
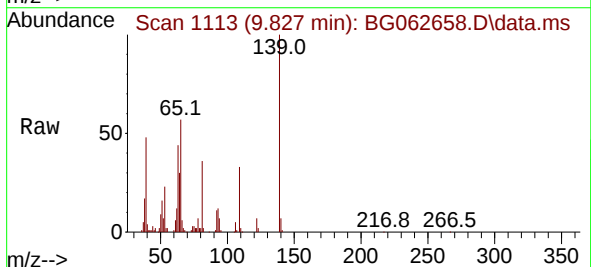


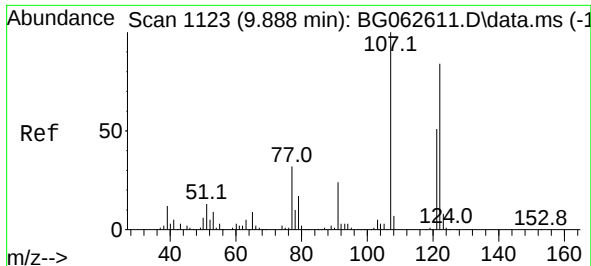
Tgt Ion: 82 Resp: 351258
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.0
138 16.5 12.6 18.8



#26
2-Nitrophenol
Concen: 40.140 ng
RT: 9.827 min Scan# 1113
Delta R.T. -0.002 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

Tgt Ion:139 Resp: 78143
Ion Ratio Lower Upper
139 100
109 33.4 26.6 39.8
65 56.8 46.5 69.7





#27

2,4-Dimethylphenol

Concen: 36.958 ng

RT: 9.886 min Scan# 1123

Delta R.T. -0.002 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

Instrument :

BNA_G

ClientSampleId :

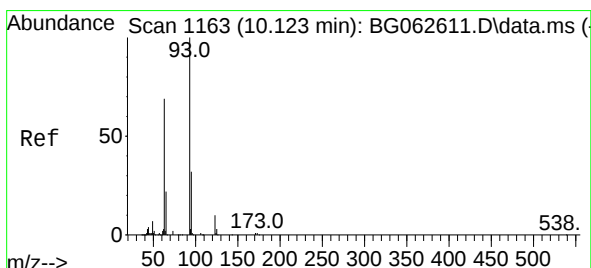
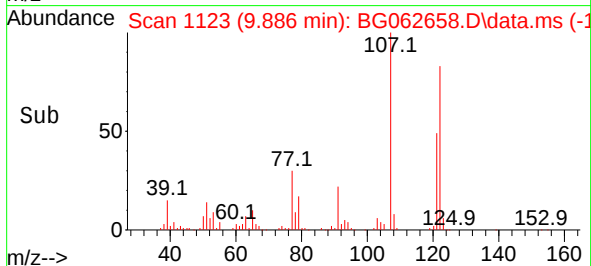
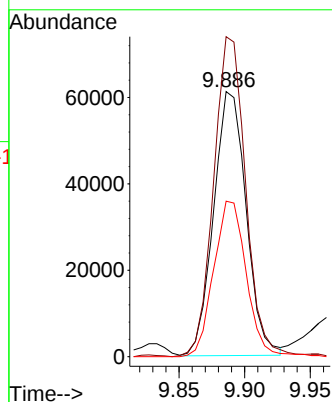
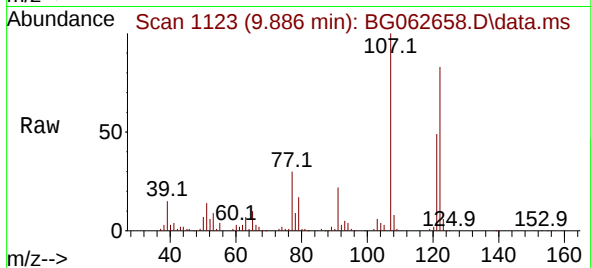
Tgt Ion:122 Resp: 105421

Ion Ratio Lower Upper

122 100

107 120.7 95.8 143.6

121 58.7 48.6 72.8



#28

bis(2-Chloroethoxy)methane

Concen: 36.652 ng

RT: 10.121 min Scan# 1163

Delta R.T. -0.002 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

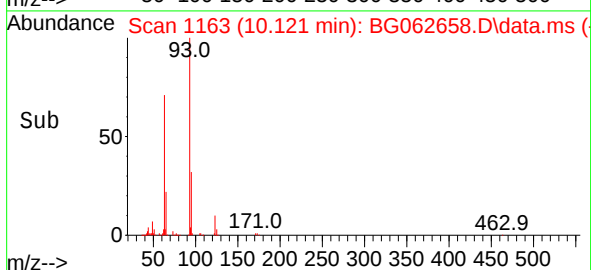
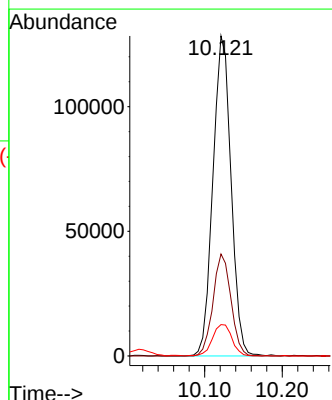
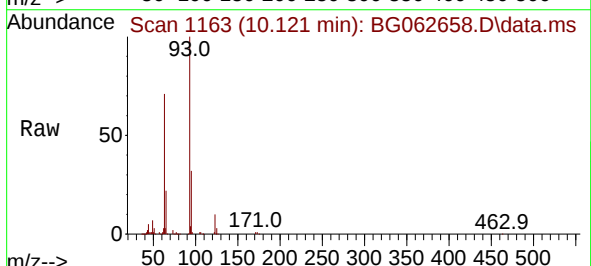
Tgt Ion: 93 Resp: 208702

Ion Ratio Lower Upper

93 100

95 31.9 25.4 38.0

123 9.8 7.9 11.9





#29

2,4-Dichlorophenol

Concen: 40.003 ng

RT: 10.362 min Scan# 1204

Delta R.T. -0.002 min

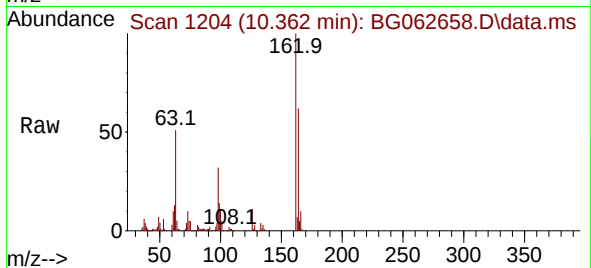
Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

Instrument :

BNA_G

ClientSampleId :



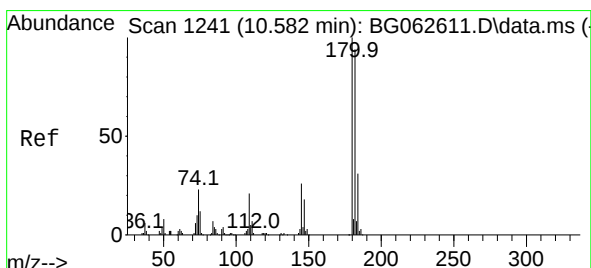
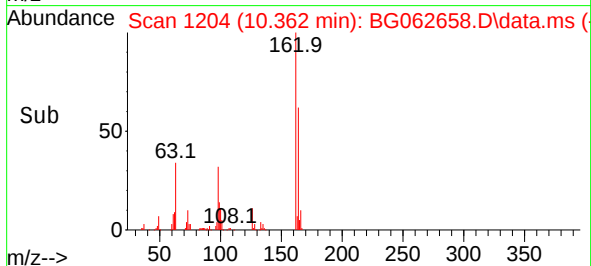
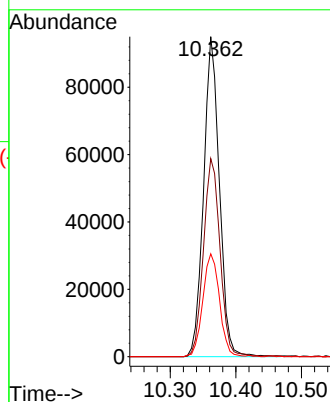
Tgt Ion:162 Resp: 159542

Ion Ratio Lower Upper

162 100

164 61.9 46.8 86.8

98 32.1 16.4 56.4



#30

1,2,4-Trichlorobenzene

Concen: 39.941 ng

RT: 10.579 min Scan# 1241

Delta R.T. -0.003 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

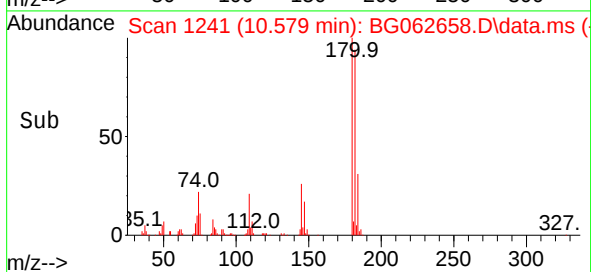
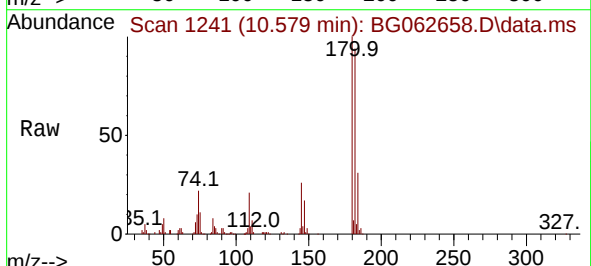
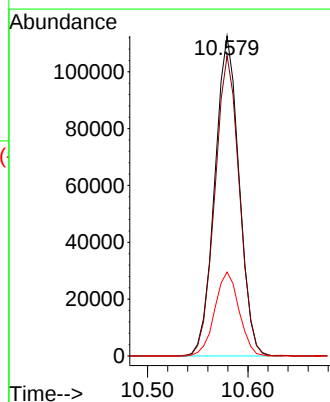
Tgt Ion:180 Resp: 188838

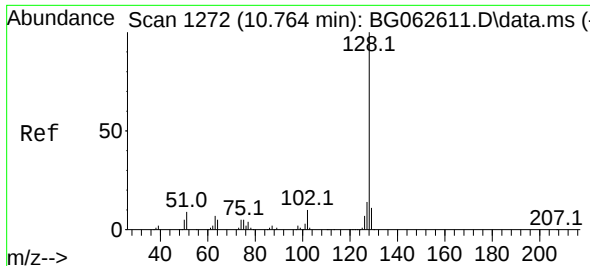
Ion Ratio Lower Upper

180 100

182 93.9 75.1 112.7

145 26.2 20.8 31.2

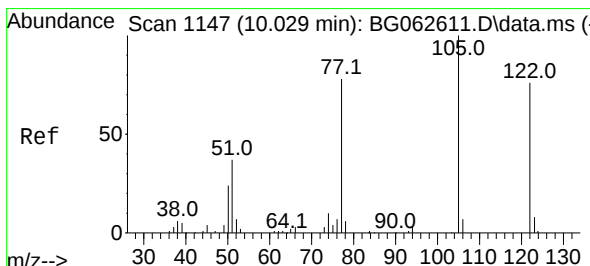
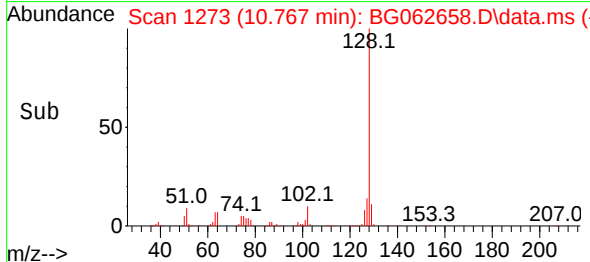
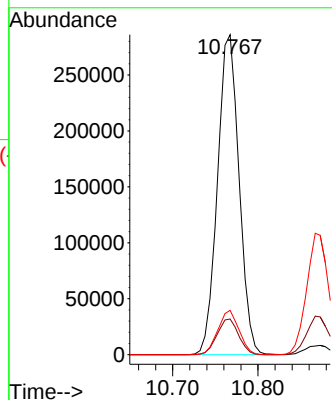
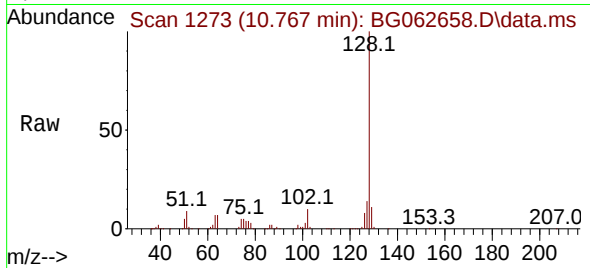




#31
Naphthalene
Concen: 38.827 ng
RT: 10.767 min Scan# 1146
Delta R.T. 0.003 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

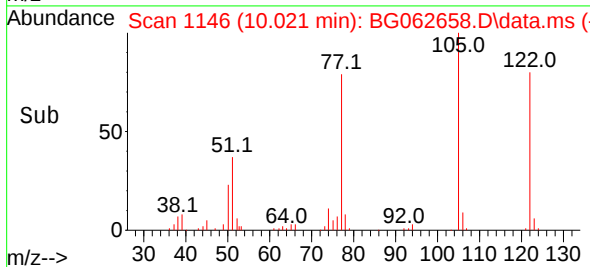
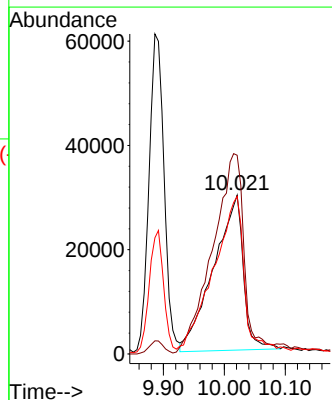
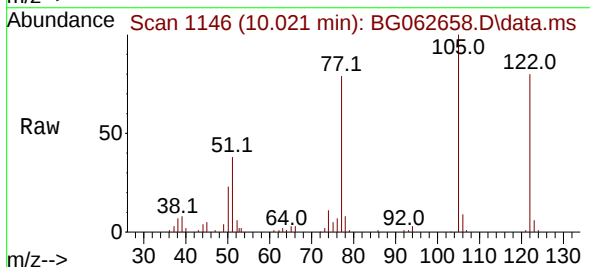
Instrument :
BNA_G
ClientSampleId :

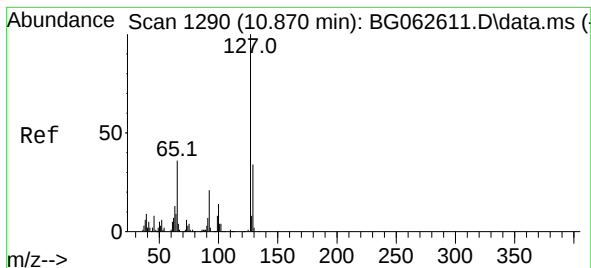
Tgt Ion:128 Resp: 502238
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.8 11.3 16.9



#32
Benzoic acid
Concen: 32.908 ng
RT: 10.021 min Scan# 1146
Delta R.T. -0.008 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

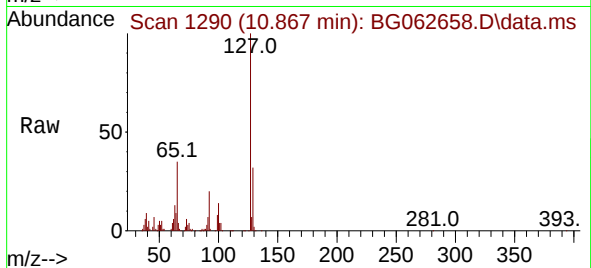
Tgt Ion:122 Resp: 100956
Ion Ratio Lower Upper
122 100
105 125.2 105.7 145.7
77 99.3 79.9 119.9



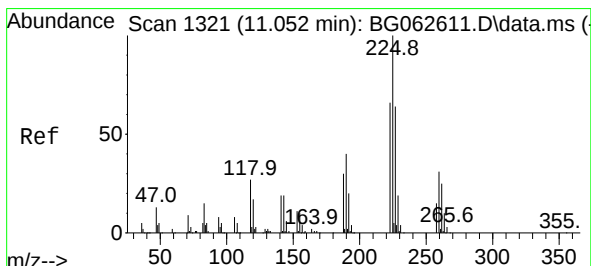
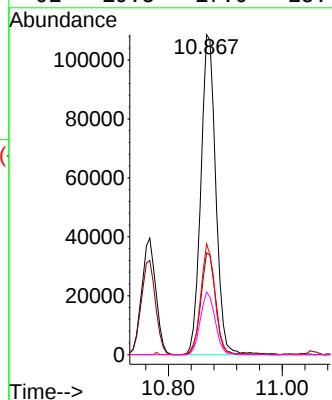
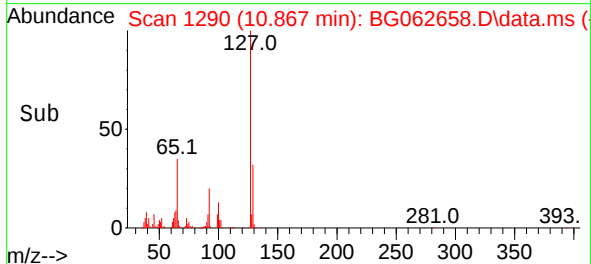


#33
4-Chloroaniline
Concen: 38.922 ng
RT: 10.867 min Scan# 1290
Delta R.T. -0.002 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

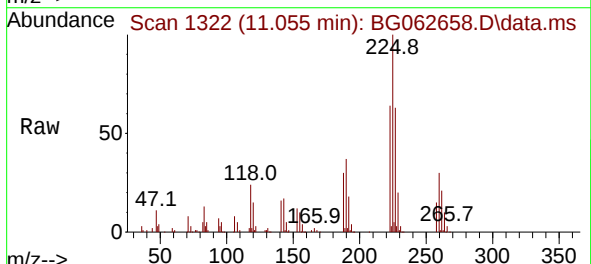
Instrument :
BNA_G
ClientSampleId :



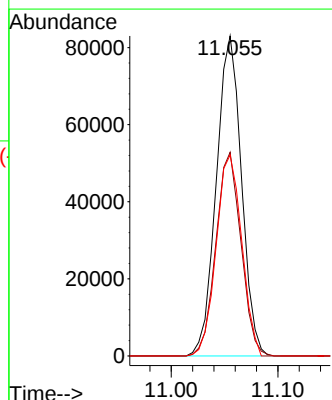
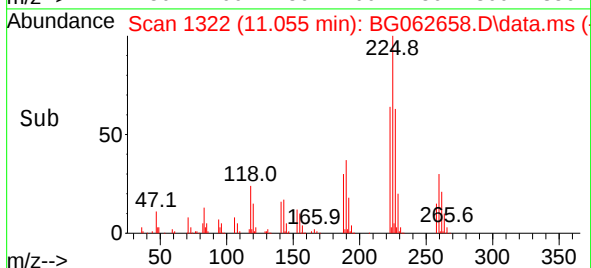
Tgt Ion:127 Resp: 198131
Ion Ratio Lower Upper
127 100
129 31.8 27.3 40.9
65 34.7 29.0 43.4
92 19.5 17.0 25.4

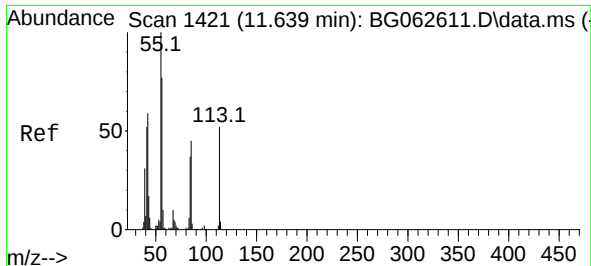


#34
Hexachlorobutadiene
Concen: 41.159 ng
RT: 11.055 min Scan# 1322
Delta R.T. 0.003 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10



Tgt Ion:225 Resp: 135911
Ion Ratio Lower Upper
225 100
223 63.6 50.1 75.1
227 62.8 48.9 73.3





#35

Caprolactam

Concen: 39.056 ng

RT: 11.631 min Scan# 1421

Delta R.T. -0.008 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

Instrument :

BNA_G

ClientSampleId :

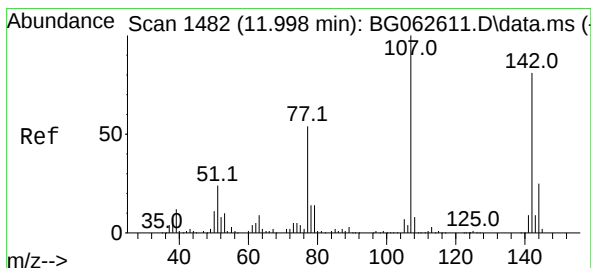
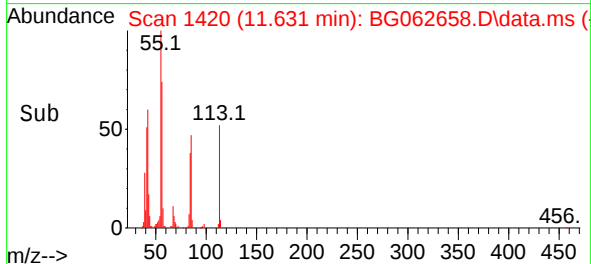
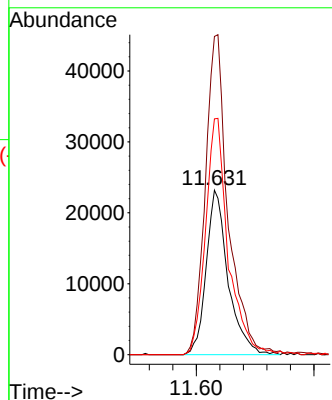
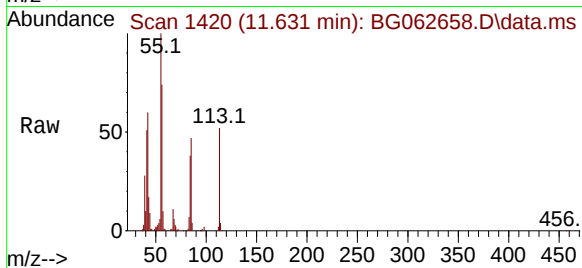
Tgt Ion:113 Resp: 60049

Ion Ratio Lower Upper

113 100

55 193.4 174.1 214.1

56 143.3 129.8 169.8



#36

4-Chloro-3-methylphenol

Concen: 37.790 ng

RT: 11.995 min Scan# 1482

Delta R.T. -0.003 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

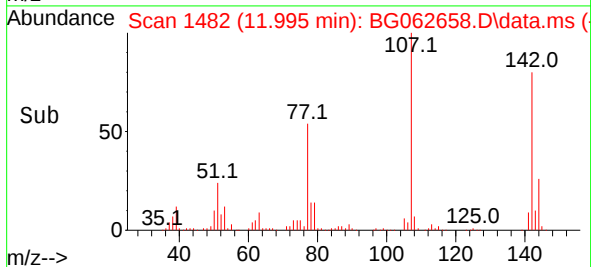
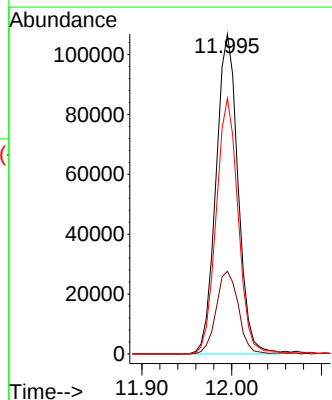
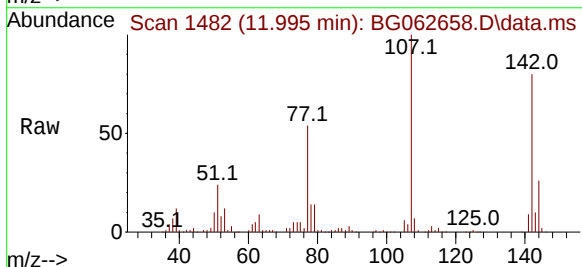
Tgt Ion:107 Resp: 181795

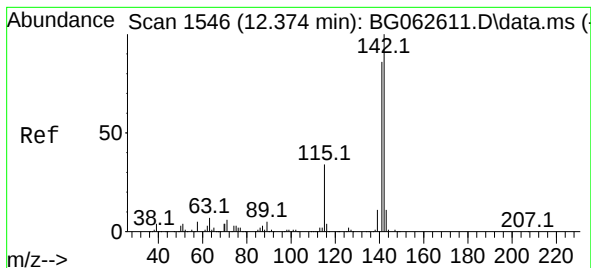
Ion Ratio Lower Upper

107 100

144 25.8 19.8 29.8

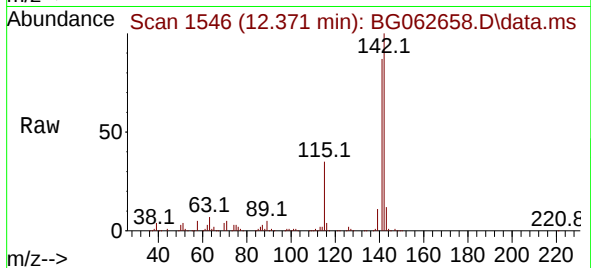
142 79.9 64.7 97.1



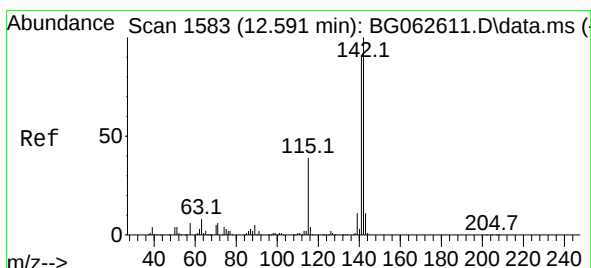
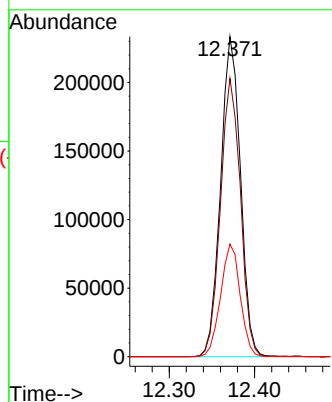
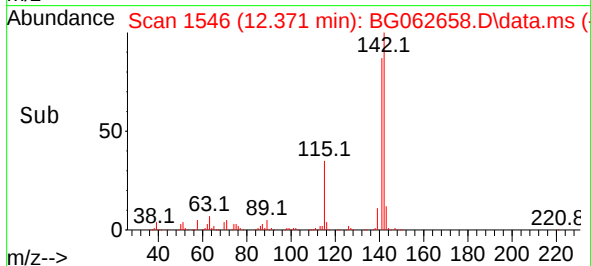


#37
2-Methylnaphthalene
Concen: 37.663 ng
RT: 12.371 min Scan# 1546
Delta R.T. -0.002 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

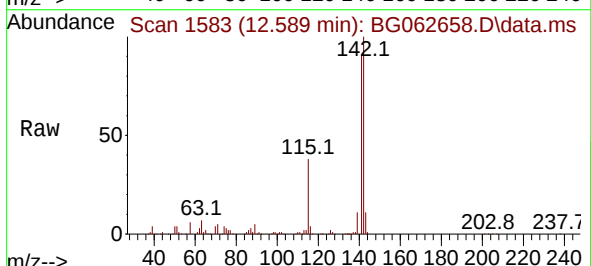
Instrument :
BNA_G
ClientSampleId :



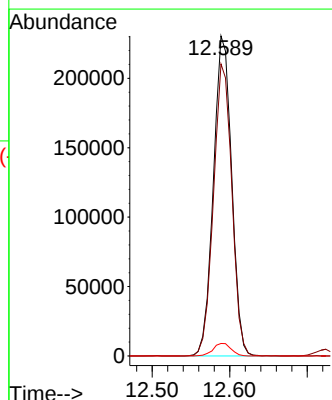
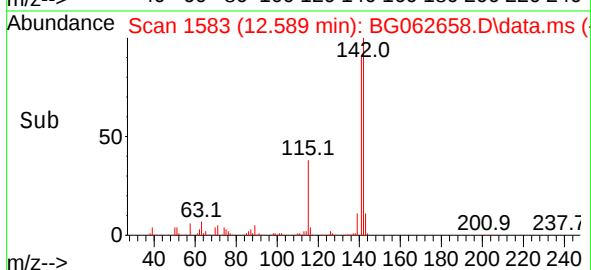
Tgt Ion:142 Resp: 377858
Ion Ratio Lower Upper
142 100
141 87.0 68.9 103.3
115 35.2 27.5 41.3

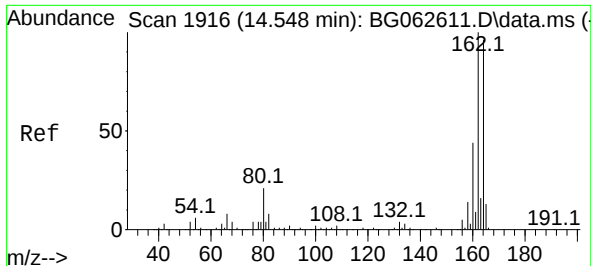


#38
1-Methylnaphthalene
Concen: 37.407 ng
RT: 12.589 min Scan# 1583
Delta R.T. -0.002 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10



Tgt Ion:142 Resp: 376840
Ion Ratio Lower Upper
142 100
141 91.2 73.0 109.4
116 3.9 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1

Delta R.T. -0.002 min

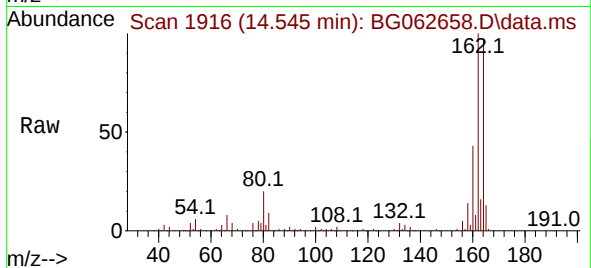
Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

Instrument :

BNA_G

ClientSampleId :



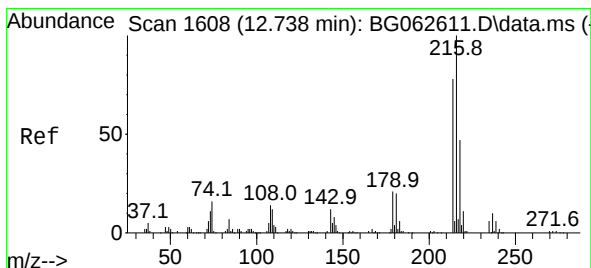
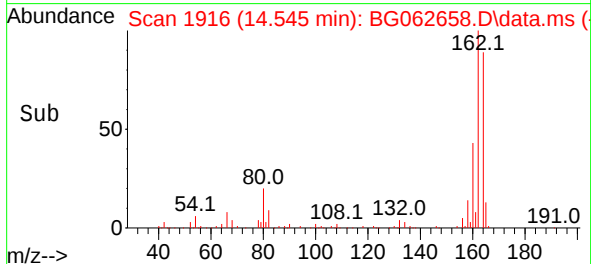
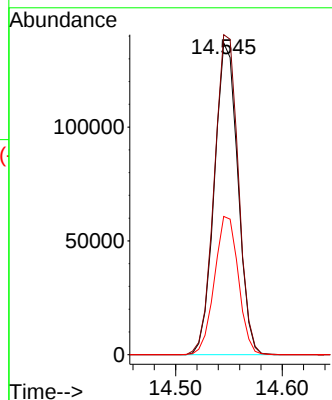
Tgt Ion:164 Resp: 209526

Ion Ratio Lower Upper

164 100

162 102.7 83.1 124.7

160 44.4 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.723 ng

RT: 12.741 min Scan# 1609

Delta R.T. 0.003 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

Tgt Ion:216 Resp: 250297

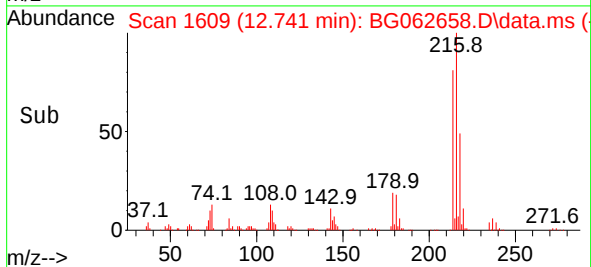
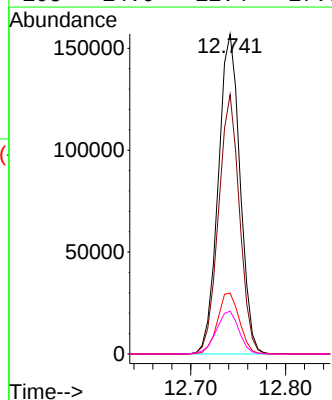
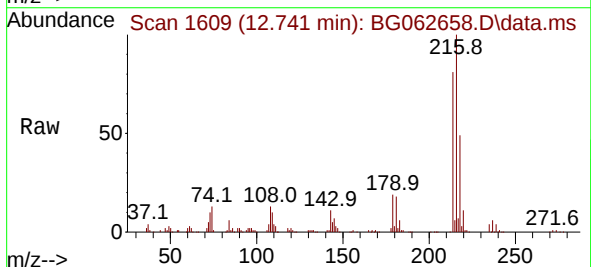
Ion Ratio Lower Upper

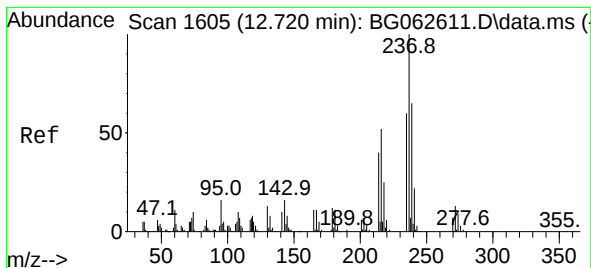
216 100

214 78.3 61.6 92.4

179 19.3 15.9 23.9

108 14.0 11.4 17.0





#41

Hexachlorocyclopentadiene

Concen: 42.526 ng

RT: 12.724 min Scan# 1

Delta R.T. 0.004 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

Instrument :

BNA_G

ClientSampleId :

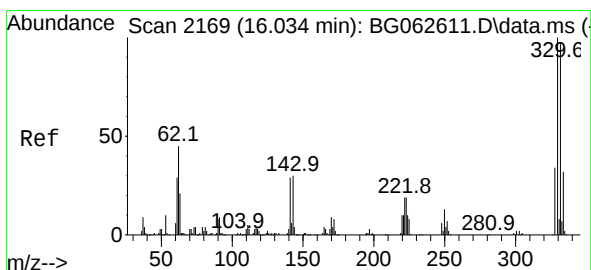
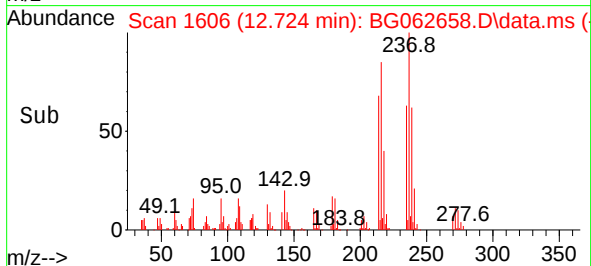
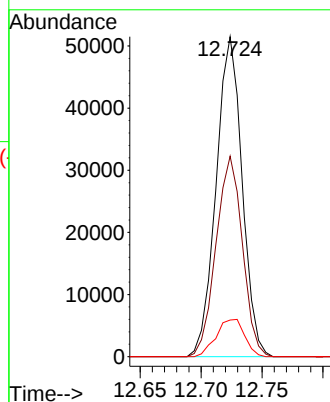
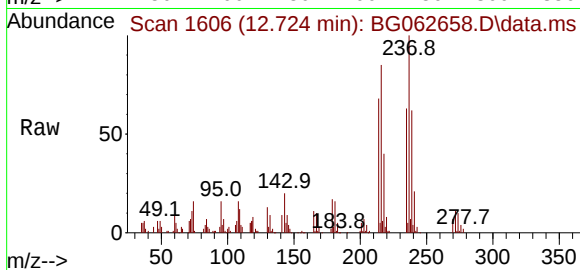
Tgt Ion:237 Resp: 76453

Ion Ratio Lower Upper

237 100

235 62.7 40.4 80.4

272 11.5 0.0 32.7



#42

2,4,6-Tribromophenol

Concen: 85.890 ng

RT: 16.038 min Scan# 2170

Delta R.T. 0.003 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

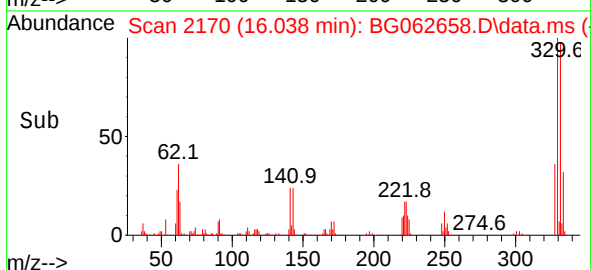
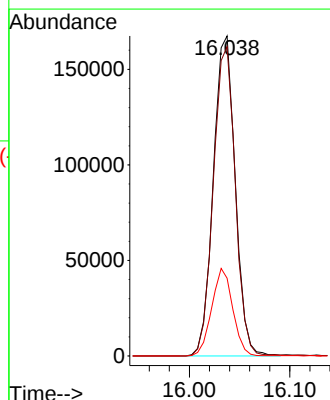
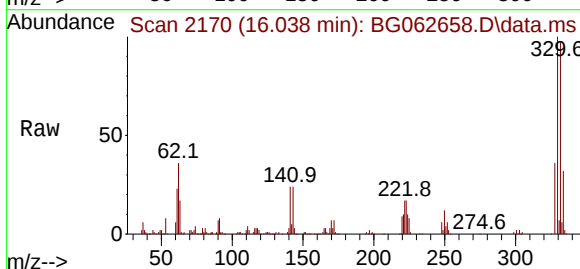
Tgt Ion:330 Resp: 253263

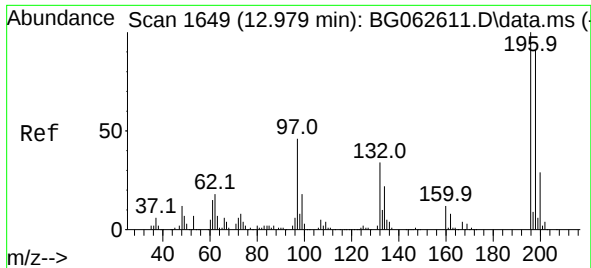
Ion Ratio Lower Upper

330 100

332 96.8 77.2 115.8

141 26.3 22.2 33.4





#43

2,4,6-Trichlorophenol

Concen: 39.851 ng

RT: 12.982 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

Instrument :

BNA_G

ClientSampleId :

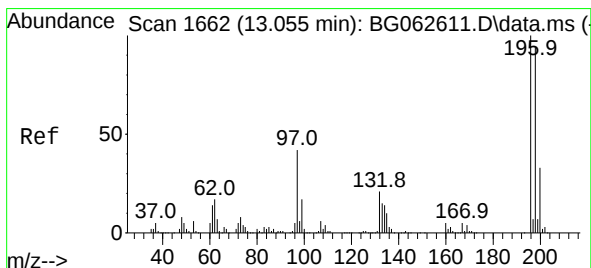
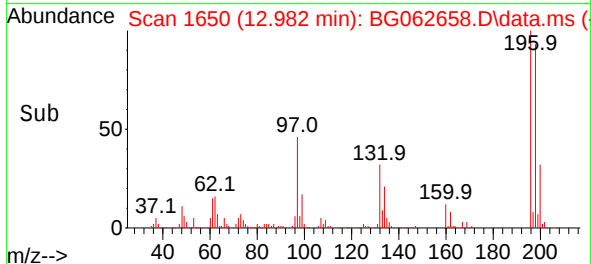
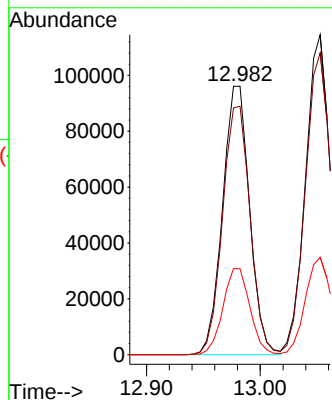
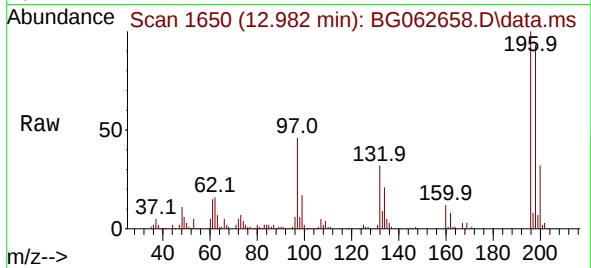
Tgt Ion:196 Resp: 159186

Ion Ratio Lower Upper

196 100

198 92.5 72.8 109.2

200 32.0 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 39.561 ng

RT: 13.053 min Scan# 1662

Delta R.T. -0.002 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

Tgt Ion:196 Resp: 178961

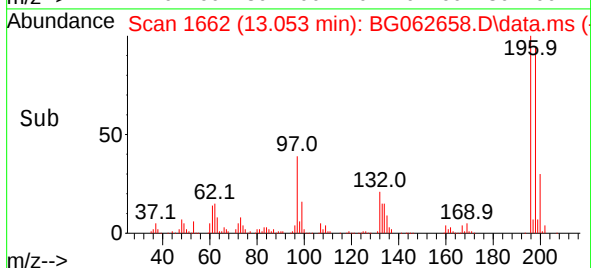
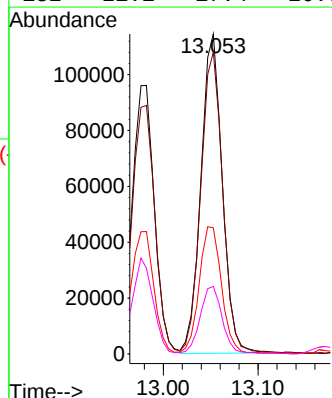
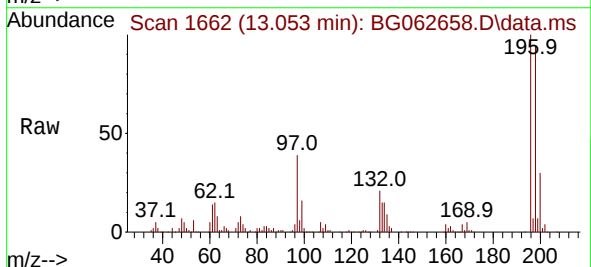
Ion Ratio Lower Upper

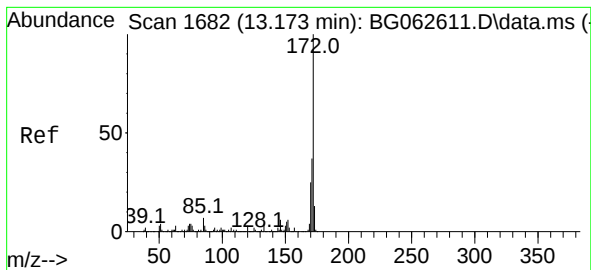
196 100

198 94.3 75.5 113.3

97 39.4 34.1 51.1

132 21.1 17.4 26.0





#45

2-Fluorobiphenyl

Concen: 75.606 ng

RT: 13.170 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

Instrument :

BNA_G

ClientSampleId :

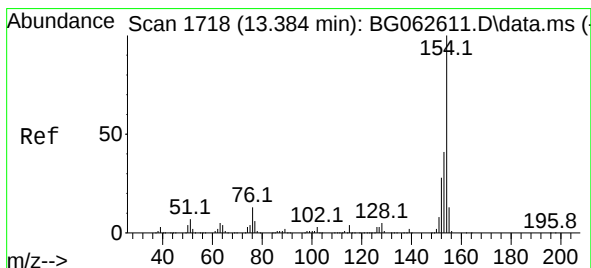
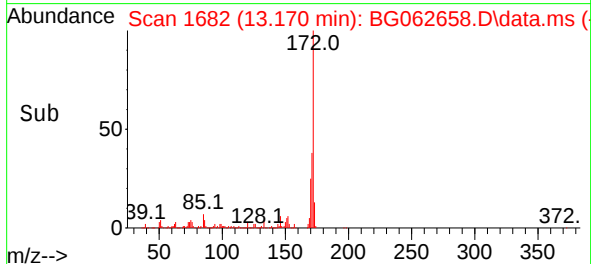
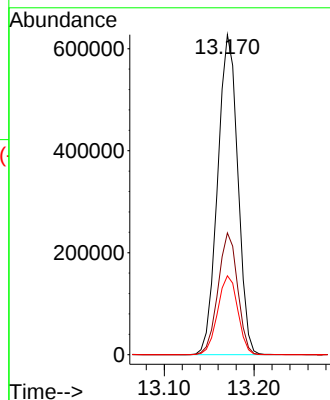
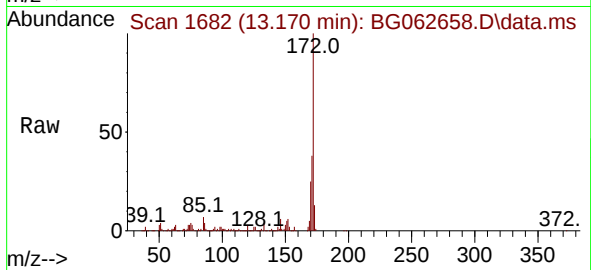
Tgt Ion:172 Resp: 977998

Ion Ratio Lower Upper

172 100

171 38.1 29.7 44.5

170 24.6 20.0 30.0



#46

1,1'-Biphenyl

Concen: 38.150 ng

RT: 13.382 min Scan# 1718

Delta R.T. -0.003 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

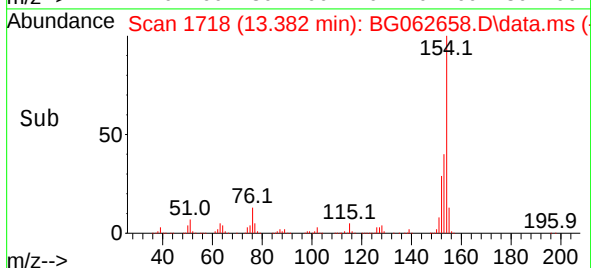
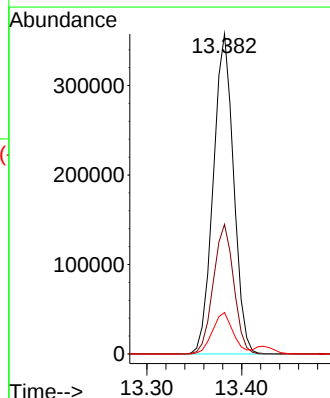
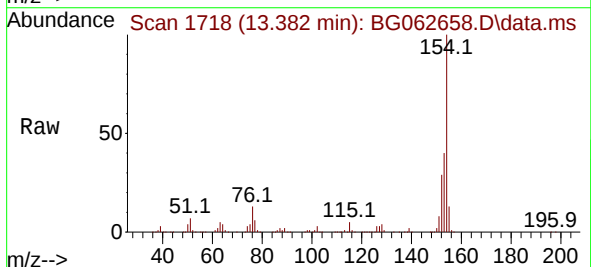
Tgt Ion:154 Resp: 533268

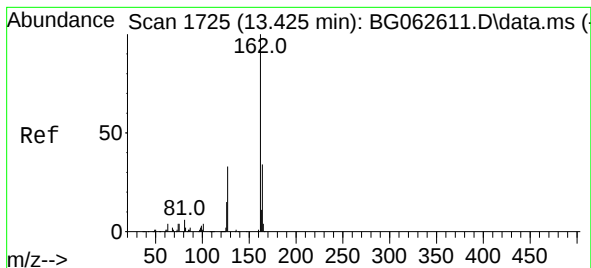
Ion Ratio Lower Upper

154 100

153 40.5 20.8 60.8

76 13.0 0.0 33.4





#47

2-Chloronaphthalene

Concen: 38.630 ng

RT: 13.423 min Scan# 1

Delta R.T. -0.002 min

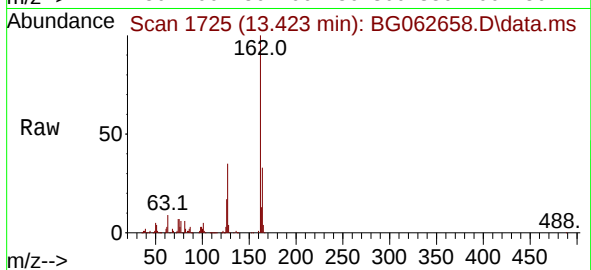
Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

Instrument :

BNA_G

ClientSampleId :



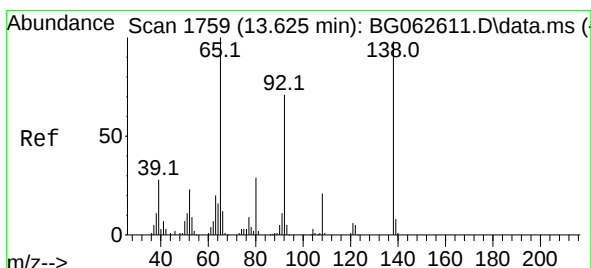
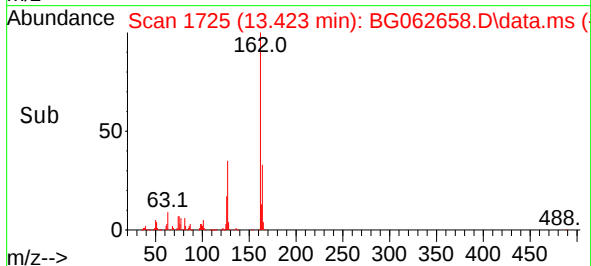
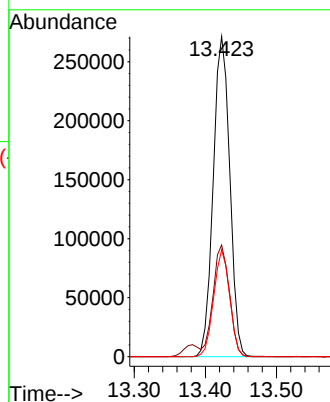
Tgt Ion:162 Resp: 437630

Ion Ratio Lower Upper

162 100

127 34.9 28.7 43.1

164 33.4 26.9 40.3



#48

2-Nitroaniline

Concen: 41.044 ng

RT: 13.623 min Scan# 1759

Delta R.T. -0.002 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

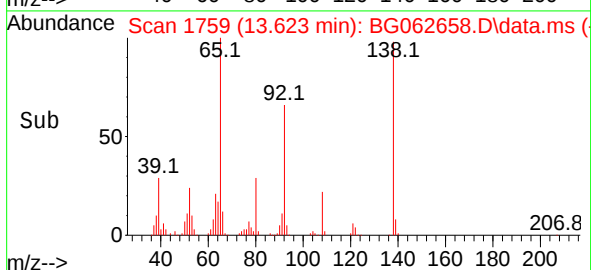
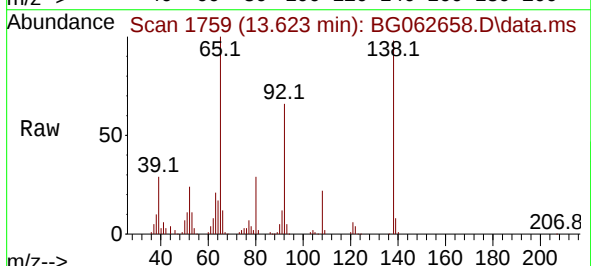
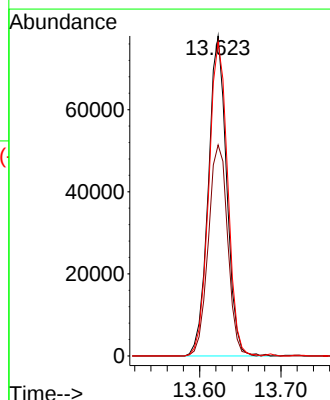
Tgt Ion: 65 Resp: 122298

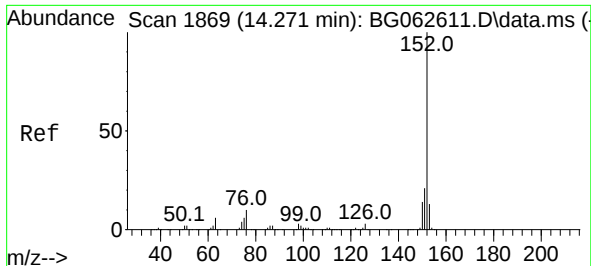
Ion Ratio Lower Upper

65 100

92 65.9 56.6 84.8

138 98.1 78.7 118.1





#49

Acenaphthylene

Concen: 37.912 ng

RT: 14.269 min Scan# 1869

Delta R.T. -0.002 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

Instrument :

BNA_G

ClientSampleId :

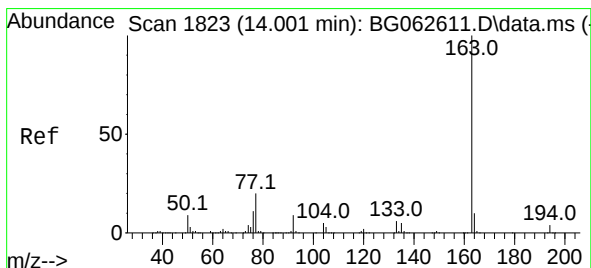
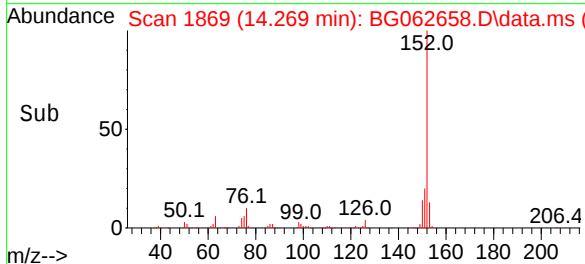
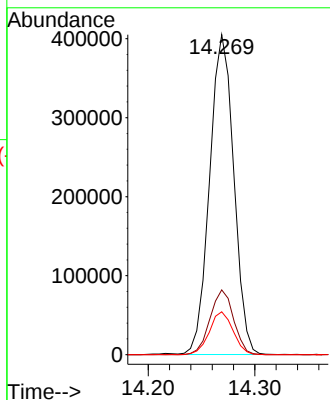
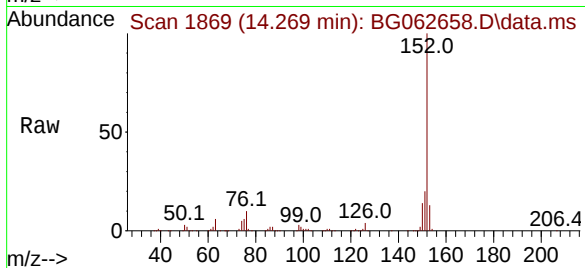
Tgt Ion:152 Resp: 636042

Ion Ratio Lower Upper

152 100

151 20.2 16.6 24.8

153 13.4 10.2 15.4



#50

Dimethylphthalate

Concen: 38.125 ng

RT: 14.005 min Scan# 1824

Delta R.T. 0.003 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

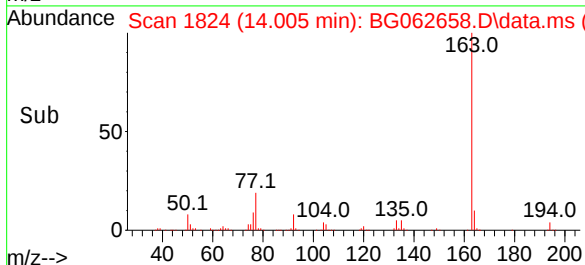
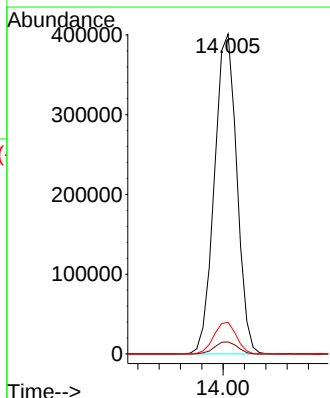
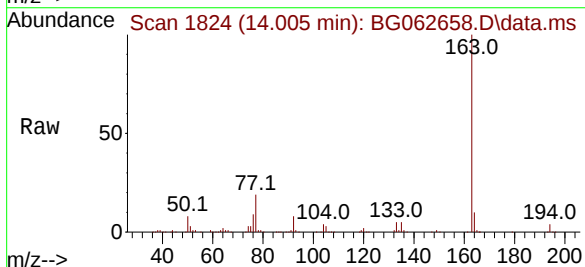
Tgt Ion:163 Resp: 584115

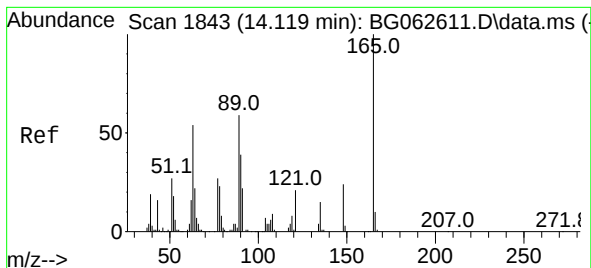
Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

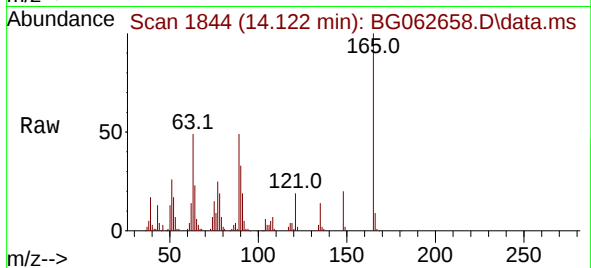
164 9.9 8.3 12.5



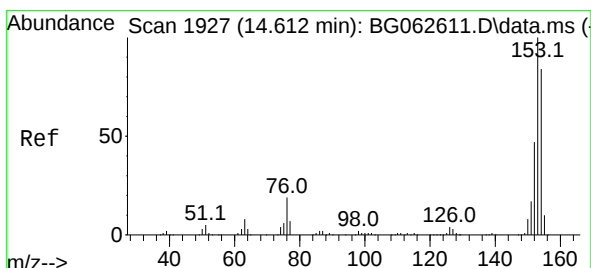
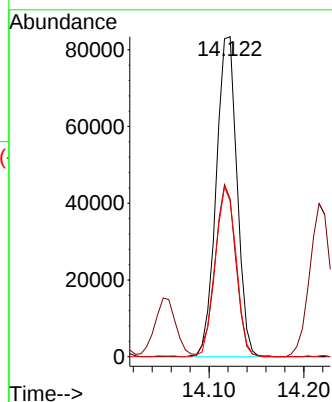
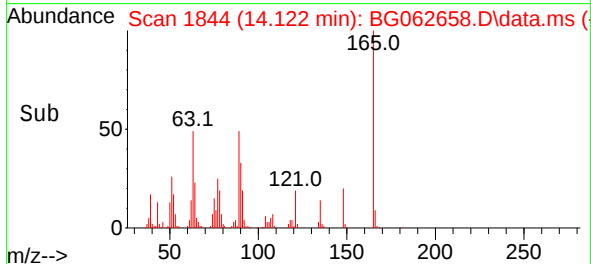


#51
2,6-Dinitrotoluene
Concen: 43.994 ng
RT: 14.122 min Scan# 1844
Delta R.T. 0.003 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

Instrument :
BNA_G
ClientSampleId :

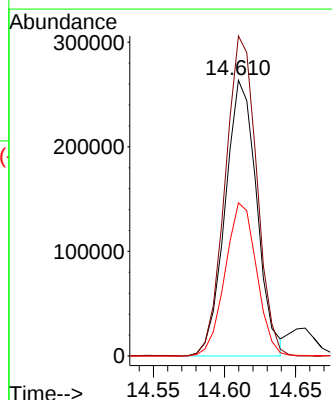
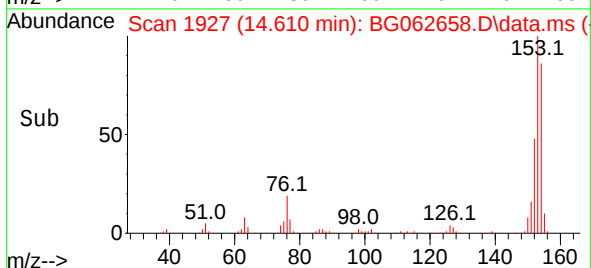
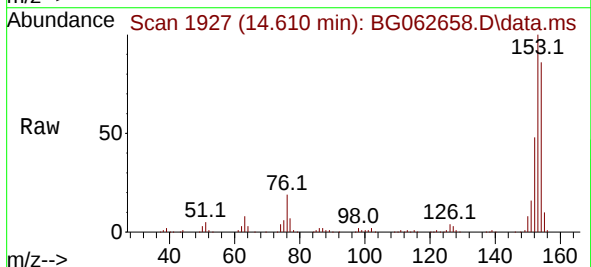


Tgt Ion:165 Resp: 127492
Ion Ratio Lower Upper
165 100
63 49.4 46.6 69.8
89 48.7 47.2 70.8



#52
Acenaphthene
Concen: 38.897 ng
RT: 14.610 min Scan# 1927
Delta R.T. -0.002 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

Tgt Ion:154 Resp: 407938
Ion Ratio Lower Upper
154 100
153 116.1 95.0 142.4
152 55.6 45.0 67.6

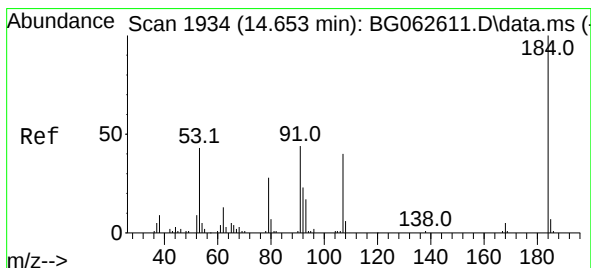
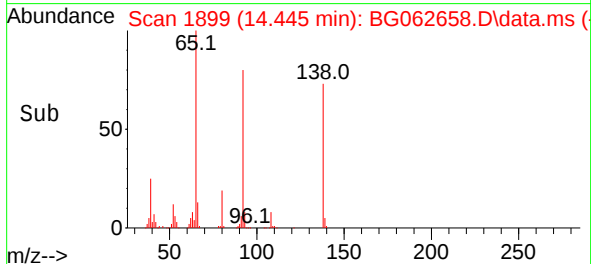
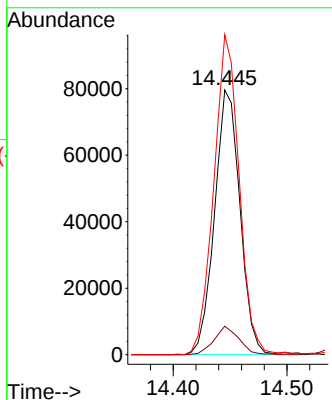
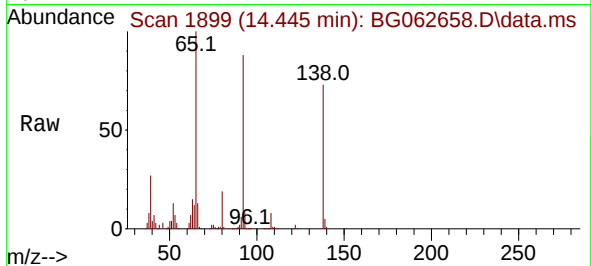




#53
3-Nitroaniline
Concen: 44.182 ng
RT: 14.445 min Scan# 1899
Delta R.T. -0.002 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

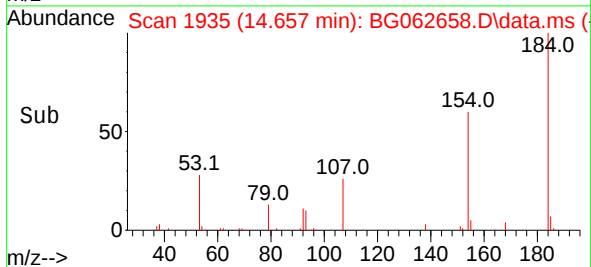
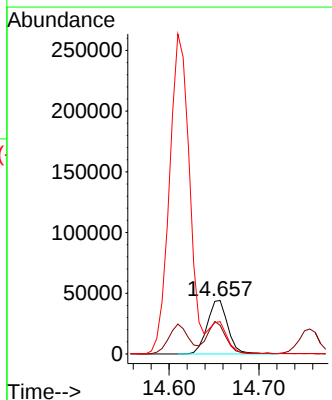
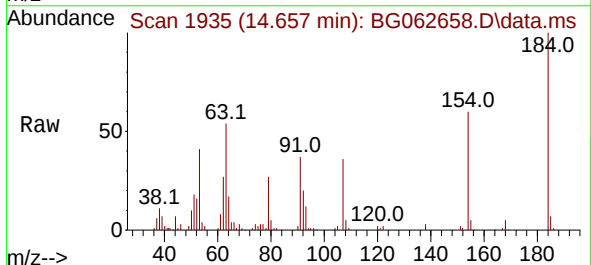
Instrument :
BNA_G
ClientSampleId :

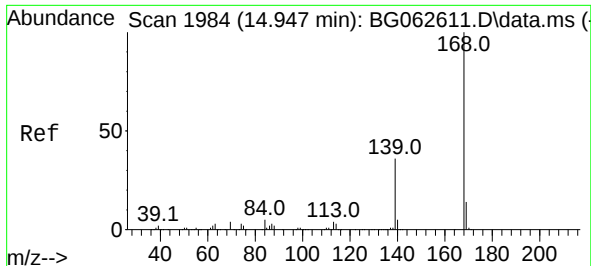
Tgt Ion:138 Resp: 123889
Ion Ratio Lower Upper
138 100
108 10.8 8.6 13.0
92 120.9 95.7 143.5



#54
2,4-Dinitrophenol
Concen: 43.188 ng
RT: 14.657 min Scan# 1935
Delta R.T. 0.004 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

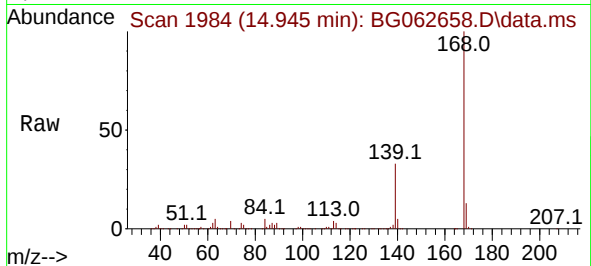
Tgt Ion:184 Resp: 70237
Ion Ratio Lower Upper
184 100
63 53.6 49.0 73.4
154 60.5 50.5 75.7



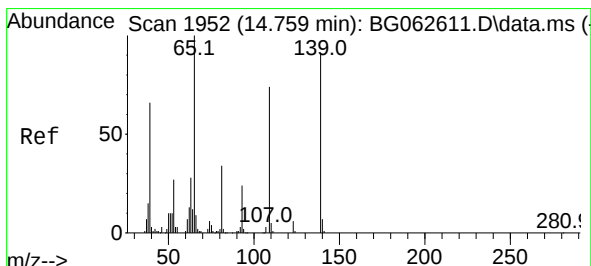
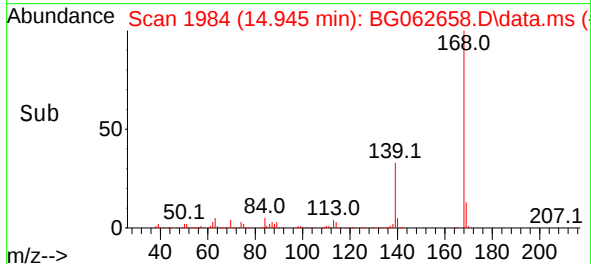
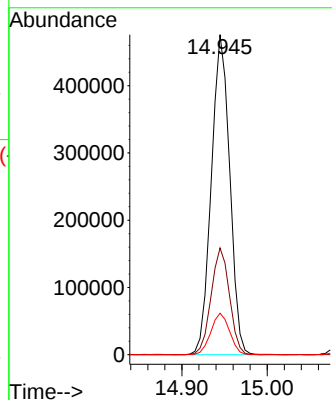


#55
Dibenzofuran
Concen: 39.698 ng
RT: 14.945 min Scan# 1984
Delta R.T. -0.003 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

Instrument :
BNA_G
ClientSampleId :

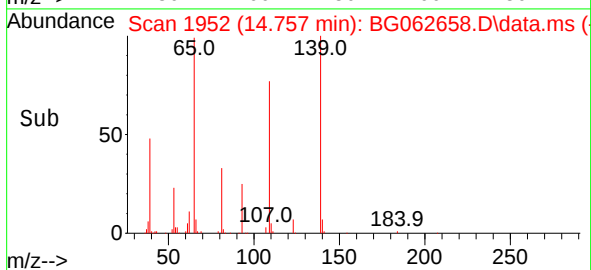
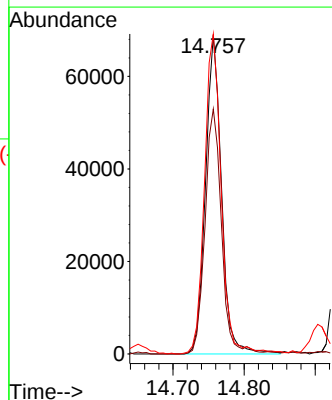
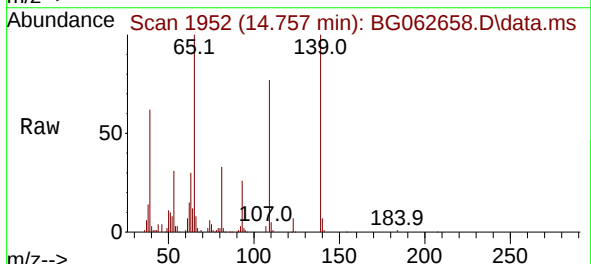


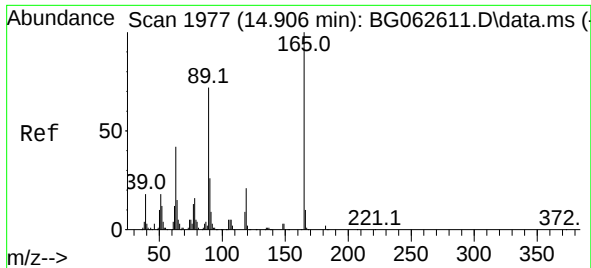
Tgt Ion:168 Resp: 714003
Ion Ratio Lower Upper
168 100
139 33.3 28.6 42.8
169 12.9 11.0 16.6



#56
4-Nitrophenol
Concen: 45.448 ng
RT: 14.757 min Scan# 1952
Delta R.T. -0.002 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

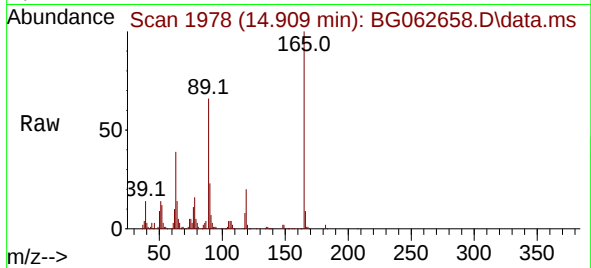
Tgt Ion:139 Resp: 108004
Ion Ratio Lower Upper
139 100
109 76.9 61.2 101.2
65 100.4 90.2 130.2





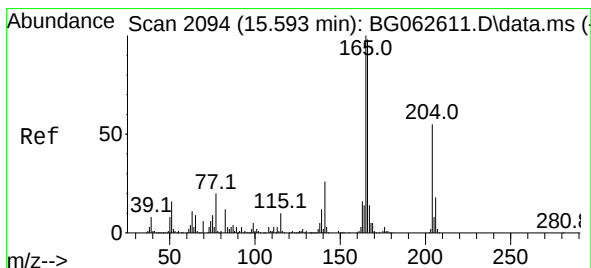
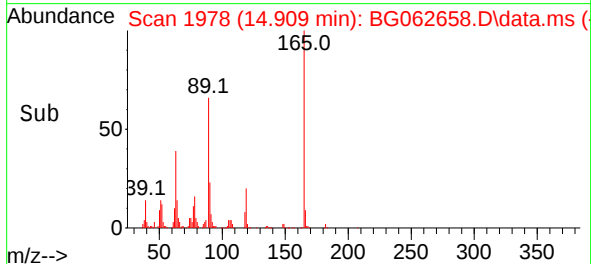
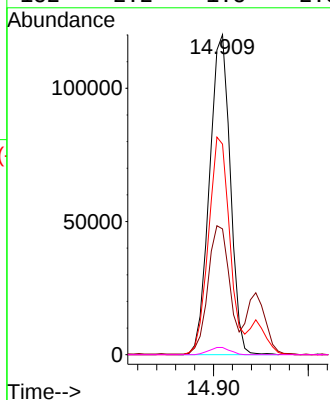
#57
2,4-Dinitrotoluene
Concen: 46.209 ng
RT: 14.909 min Scan# 1978
Delta R.T. 0.003 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:165 Resp: 182712

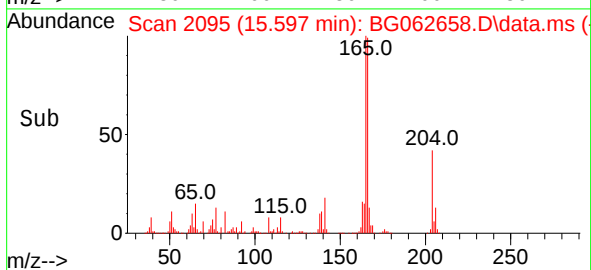
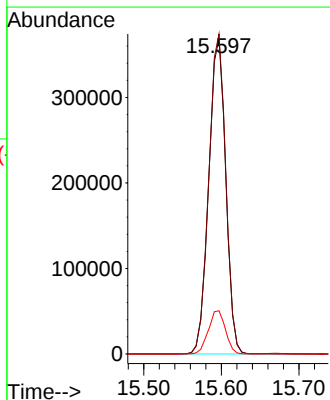
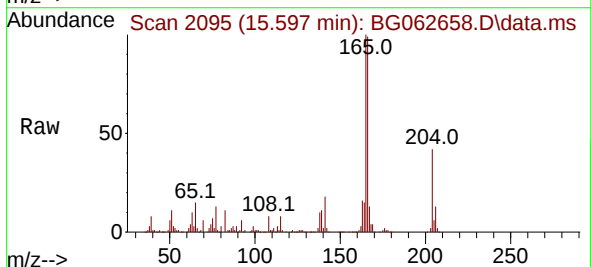
Ion	Ratio	Lower	Upper
165	100		
63	39.3	33.8	50.6
89	65.8	57.9	86.9
182	2.2	1.8	2.8

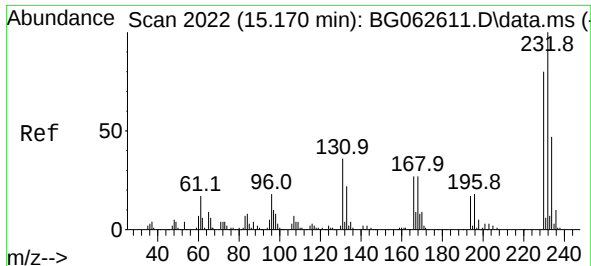


#58
Fluorene
Concen: 39.687 ng
RT: 15.597 min Scan# 2095
Delta R.T. 0.003 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

Tgt Ion:166 Resp: 560189

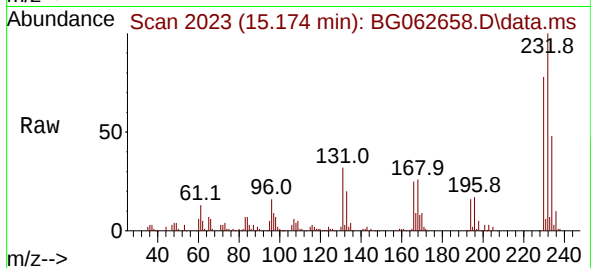
Ion	Ratio	Lower	Upper
166	100		
165	101.3	82.0	123.0
167	13.7	11.3	16.9



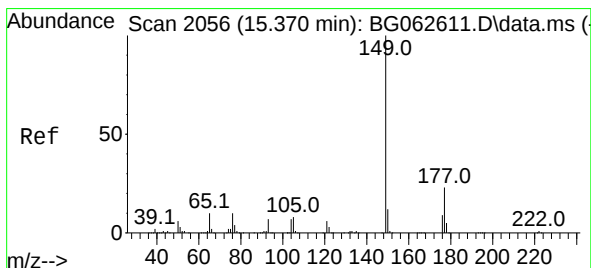
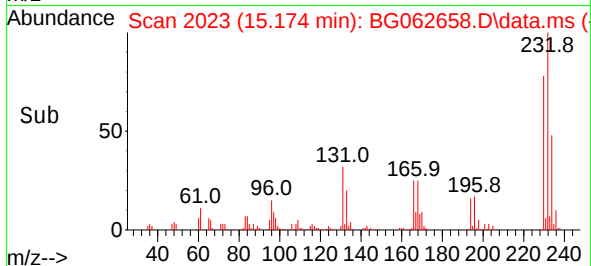
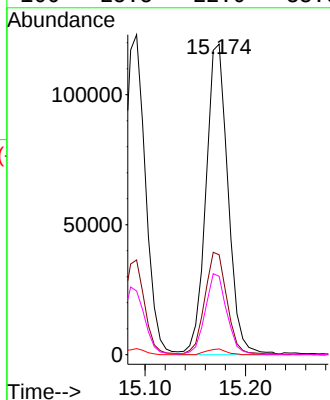


#59
2,3,4,6-Tetrachlorophenol
Concen: 42.690 ng
RT: 15.174 min Scan# 2022
Delta R.T. 0.003 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

Instrument :
BNA_G
ClientSampleId :

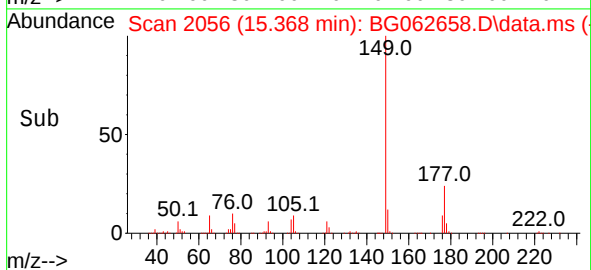
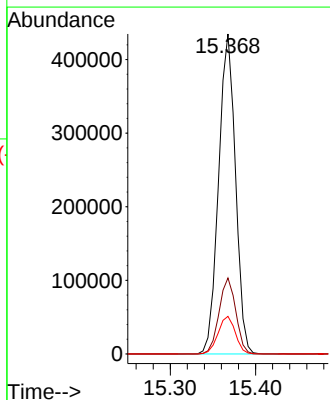
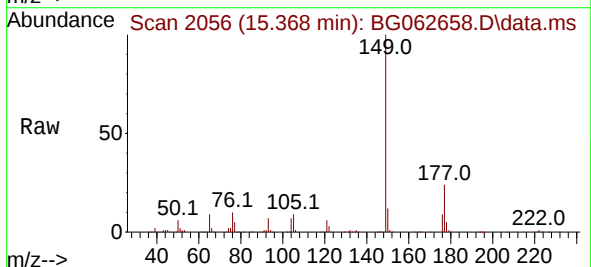


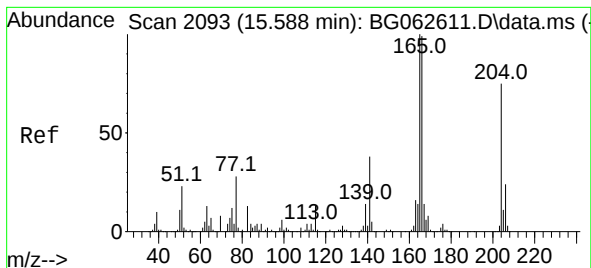
Tgt Ion:232 Resp: 182944
Ion Ratio Lower Upper
232 100
131 33.4 28.3 42.5
130 1.6 1.7 2.5#
166 25.5 22.0 33.0



#60
Diethylphthalate
Concen: 39.398 ng
RT: 15.368 min Scan# 2056
Delta R.T. -0.002 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

Tgt Ion:149 Resp: 598269
Ion Ratio Lower Upper
149 100
177 23.7 18.0 27.0
150 11.8 9.8 14.8

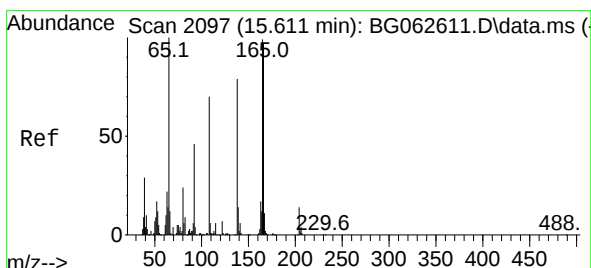
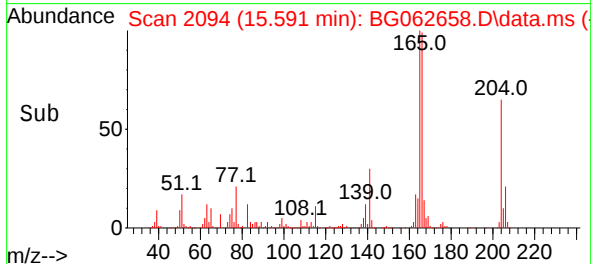
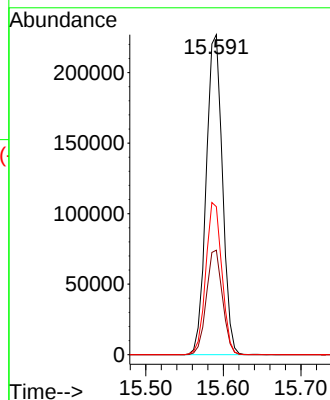
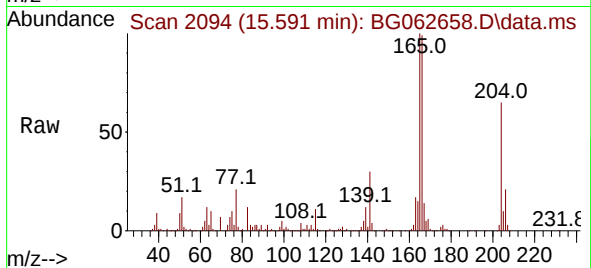




#61
4-Chlorophenyl-phenylether
Concen: 40.587 ng
RT: 15.591 min Scan# 2093
Delta R.T. 0.003 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

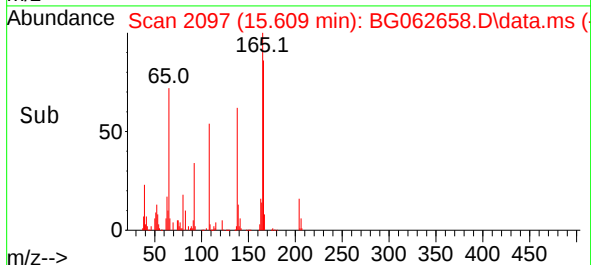
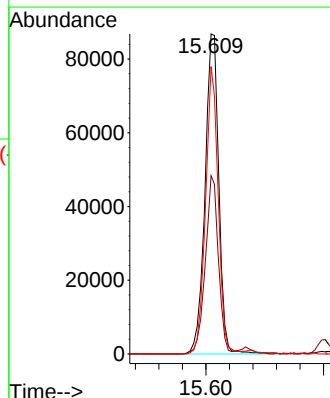
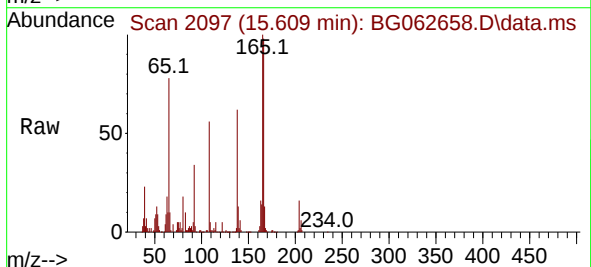
Instrument :
BNA_G
ClientSampleId :

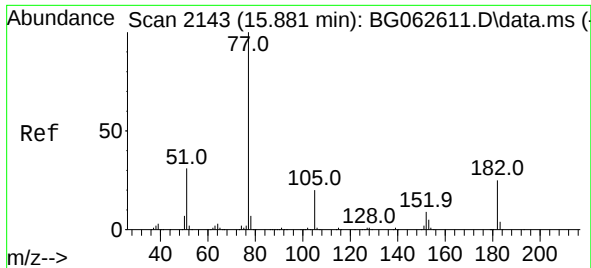
Tgt Ion:204 Resp: 328887
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 46.2 41.0 61.6



#62
4-Nitroaniline
Concen: 45.719 ng
RT: 15.609 min Scan# 2097
Delta R.T. -0.002 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

Tgt Ion:138 Resp: 141358
Ion Ratio Lower Upper
138 100
92 55.7 38.4 78.4
108 89.8 69.0 109.0

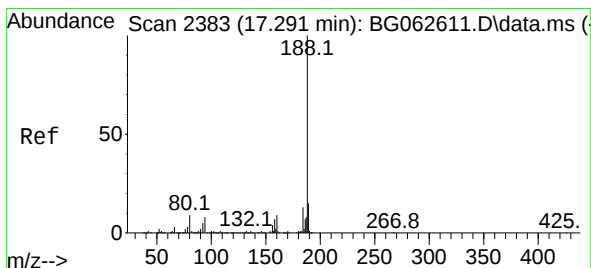
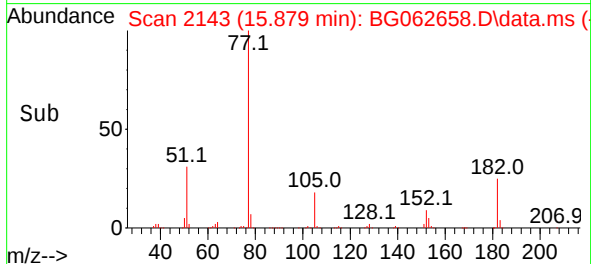
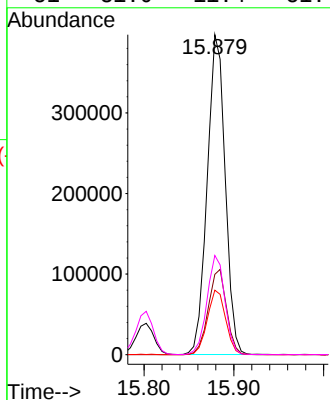
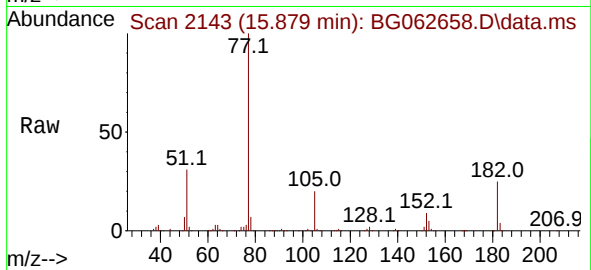




#63
 Azobenzene
 Concen: 38.720 ng
 RT: 15.879 min Scan# 2143
 Delta R.T. -0.002 min
 Lab File: BG062658.D
 Acq: 5 Sep 2024 9:10

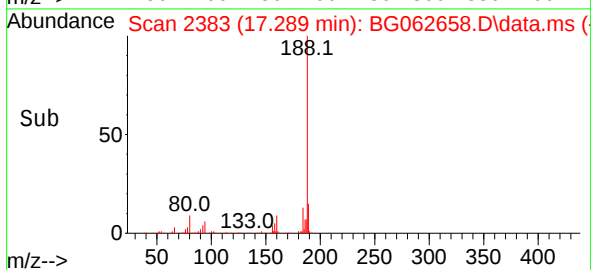
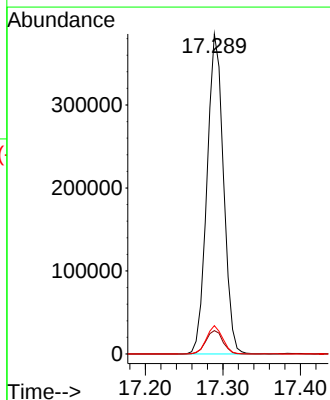
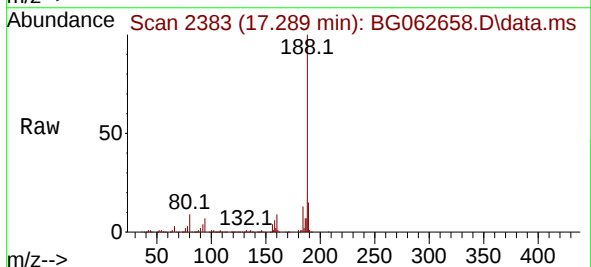
Instrument :
 BNA_G
 ClientSampleId :

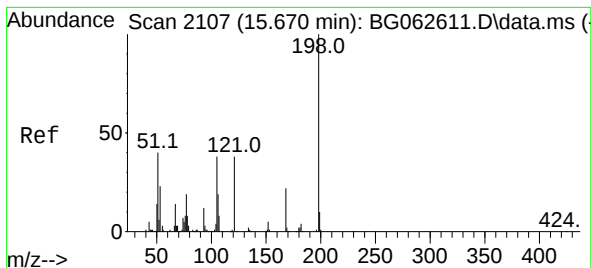
Tgt Ion: 77	Resp: 552106
Ion Ratio	Lower Upper
77 100	
182 25.1	5.0 45.0
105 20.2	0.5 40.5
51 31.0	11.4 51.4



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.289 min Scan# 2383
 Delta R.T. -0.003 min
 Lab File: BG062658.D
 Acq: 5 Sep 2024 9:10

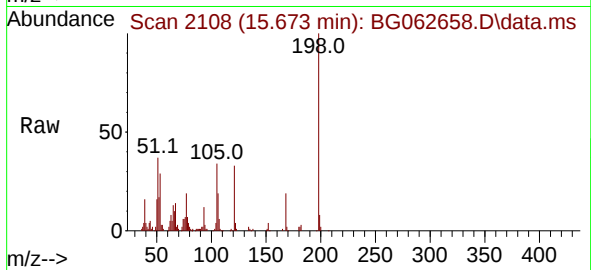
Tgt Ion:188	Resp: 569131
Ion Ratio	Lower Upper
188 100	
94 7.3	6.3 9.5
80 8.8	7.0 10.4



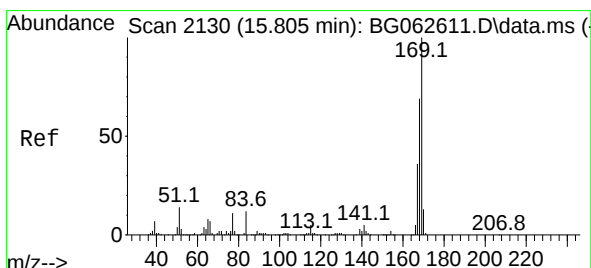
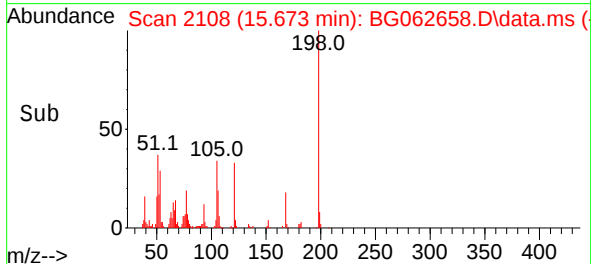
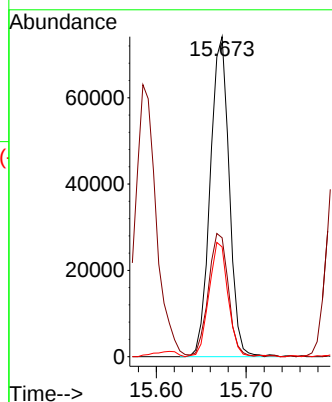


#65
4,6-Dinitro-2-methylphenol
Concen: 42.851 ng
RT: 15.673 min Scan# 2107
Delta R.T. 0.003 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

Instrument :
BNA_G
ClientSampleId :

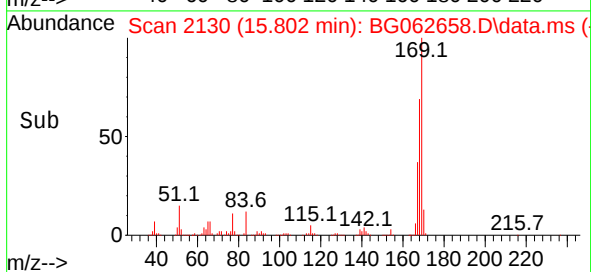
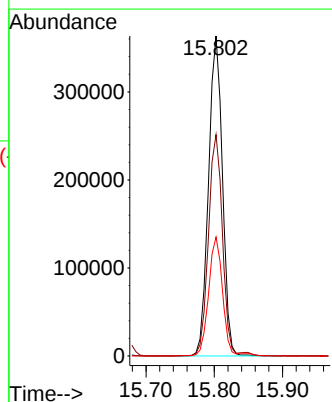
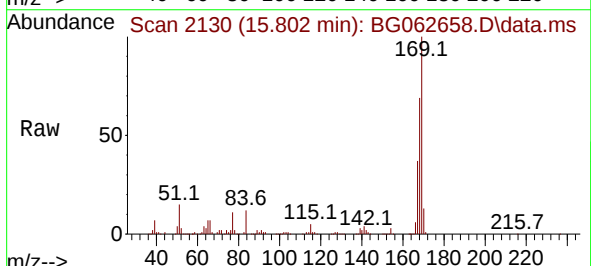


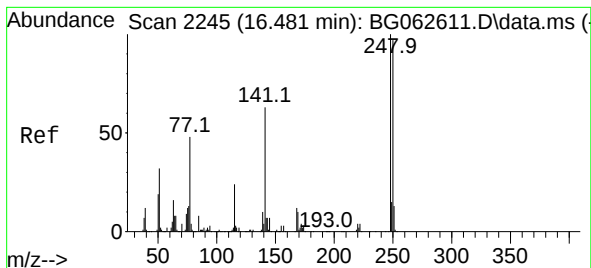
Tgt Ion:198 Resp: 108835
Ion Ratio Lower Upper
198 100
51 37.2 25.1 65.1
105 34.3 18.3 58.3



#66
n-Nitrosodiphenylamine
Concen: 37.756 ng
RT: 15.802 min Scan# 2130
Delta R.T. -0.002 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

Tgt Ion:169 Resp: 516622
Ion Ratio Lower Upper
169 100
168 69.1 55.4 83.2
167 37.1 29.0 43.6

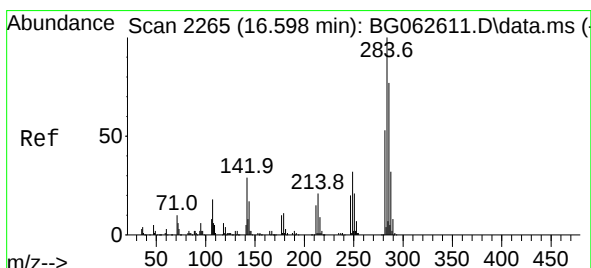
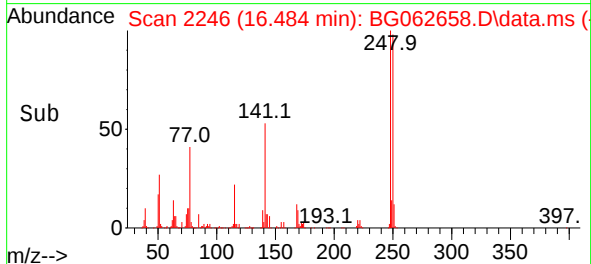
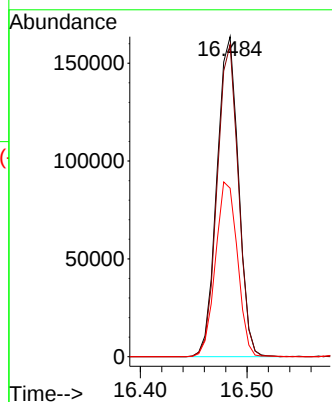
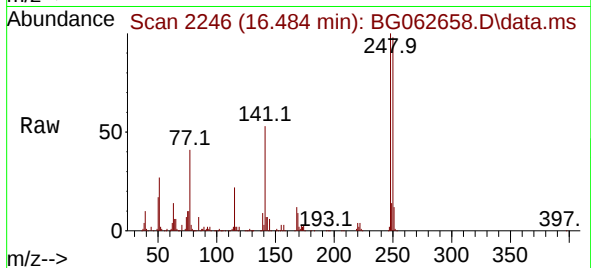




#67
4-Bromophenyl-phenylether
Concen: 39.026 ng
RT: 16.484 min Scan# 2245
Delta R.T. 0.003 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

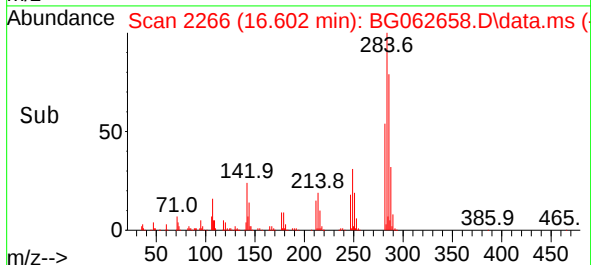
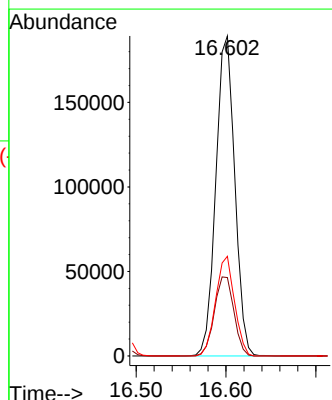
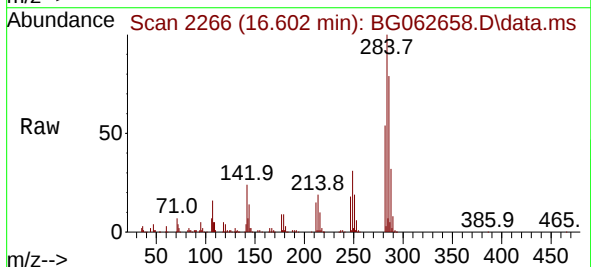
Instrument :
BNA_G
ClientSampleId :

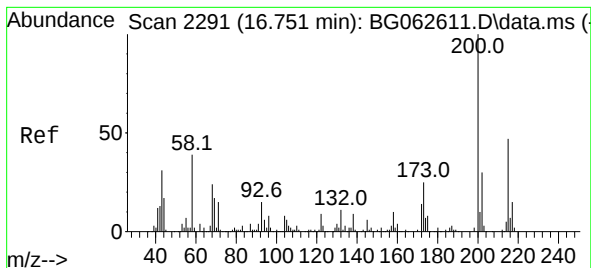
Tgt Ion:248 Resp: 229231
Ion Ratio Lower Upper
248 100
250 97.5 77.9 116.9
141 52.7 50.2 75.2



#68
Hexachlorobenzene
Concen: 39.758 ng
RT: 16.602 min Scan# 2266
Delta R.T. 0.003 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

Tgt Ion:284 Resp: 276570
Ion Ratio Lower Upper
284 100
142 24.5 23.5 35.3
249 31.2 25.4 38.0





#69

Atrazine

Concen: 42.962 ng

RT: 16.748 min Scan# 2291

Delta R.T. -0.003 min

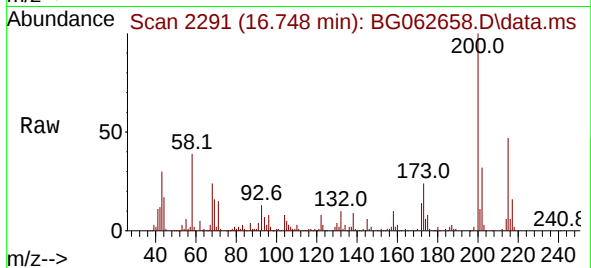
Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

Instrument :

BNA_G

ClientSampleId :



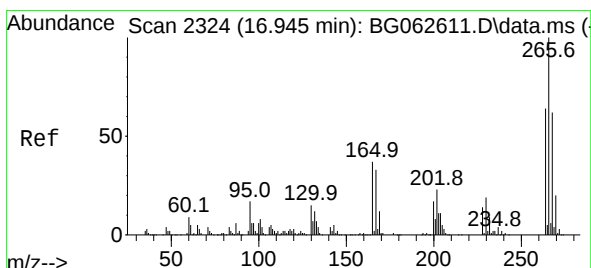
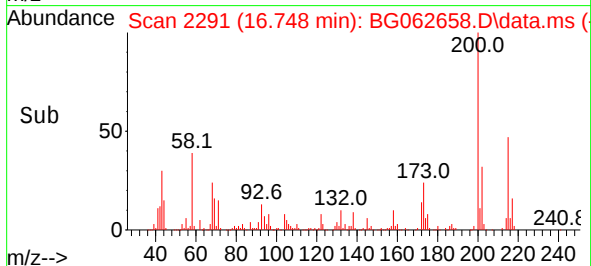
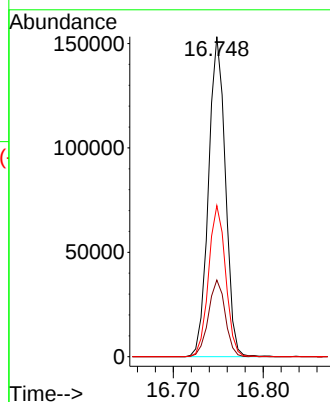
Tgt Ion:200 Resp: 199670

Ion Ratio Lower Upper

200 100

173 24.0 5.2 45.2

215 47.2 27.3 67.3



#70

Pentachlorophenol

Concen: 40.707 ng

RT: 16.942 min Scan# 2324

Delta R.T. -0.003 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

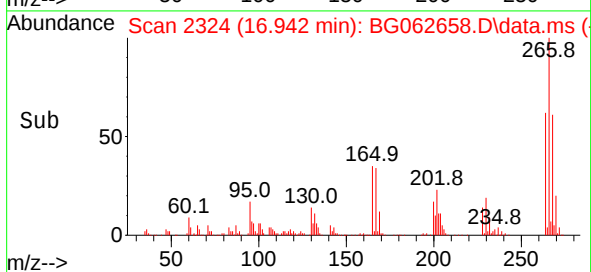
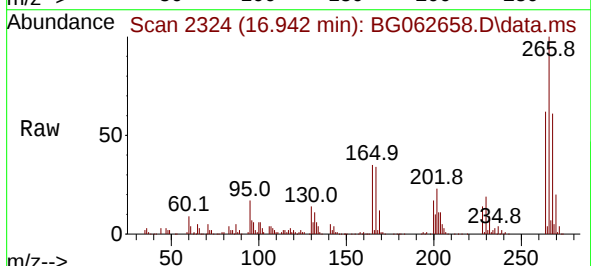
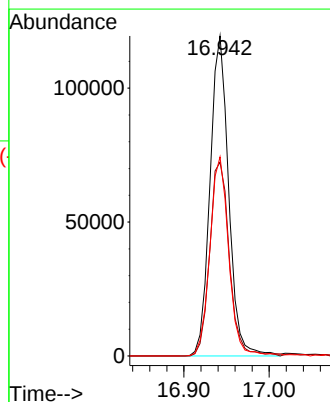
Tgt Ion:266 Resp: 181369

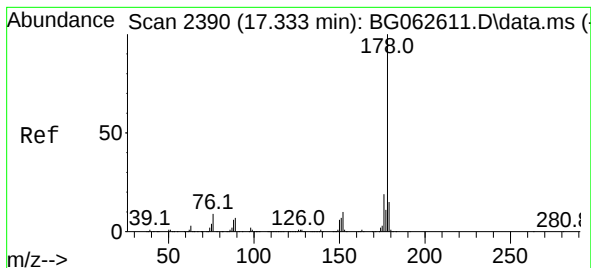
Ion Ratio Lower Upper

266 100

268 65.6 52.6 79.0

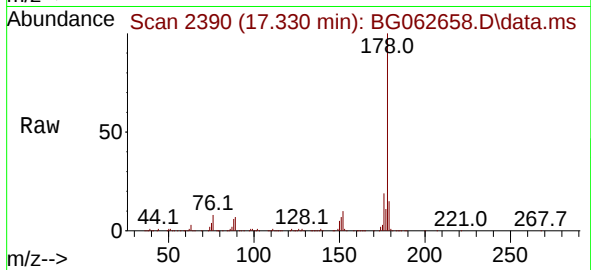
264 62.2 51.6 77.4



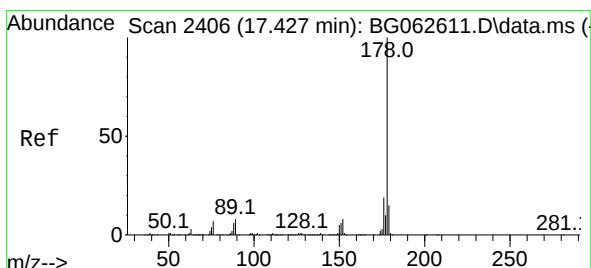
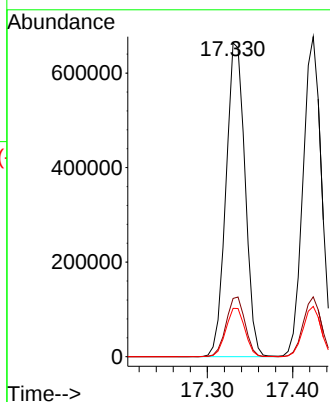
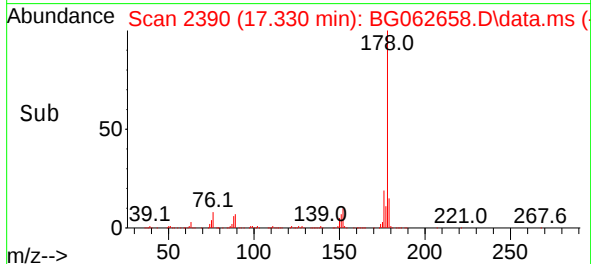


#71
Phenanthrene
Concen: 38.855 ng
RT: 17.330 min Scan# 2390
Delta R.T. -0.002 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

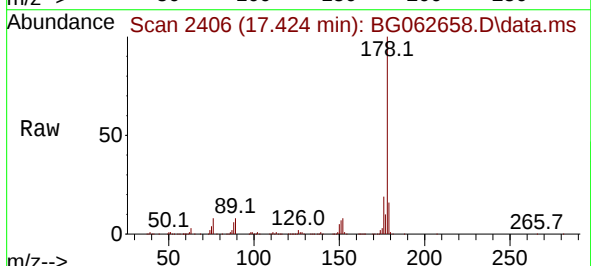
Instrument :
BNA_G
ClientSampleId :



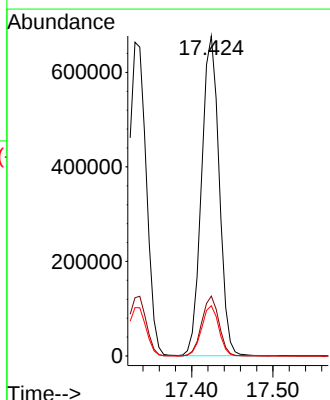
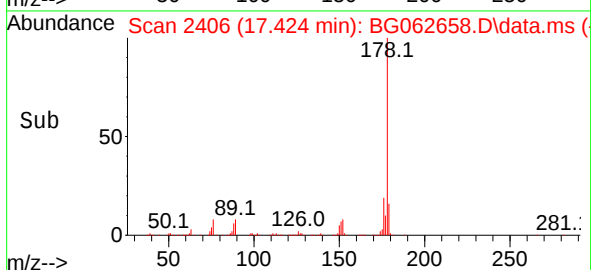
Tgt Ion:178 Resp: 1032171
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 15.4 12.2 18.4

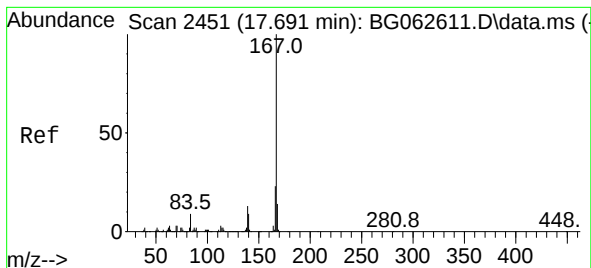


#72
Anthracene
Concen: 38.959 ng
RT: 17.424 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10



Tgt Ion:178 Resp: 1017565
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 15.7 12.0 18.0





#73

Carbazole

Concen: 39.692 ng

RT: 17.694 min Scan# 2451

Delta R.T. 0.003 min

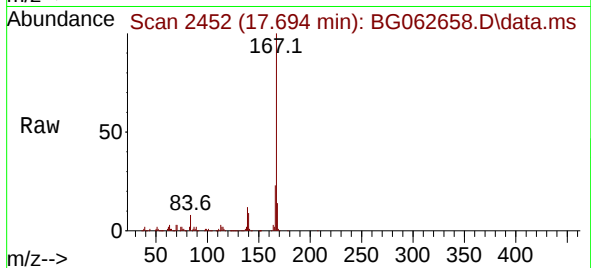
Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

Instrument :

BNA_G

ClientSampleId :



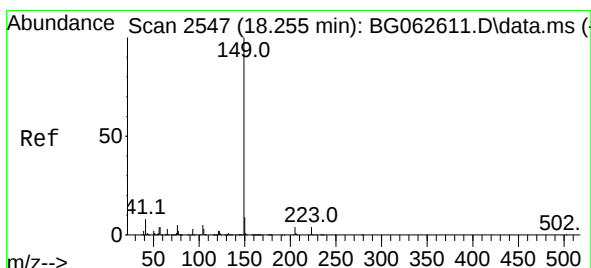
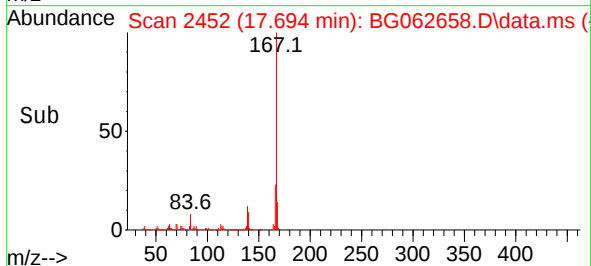
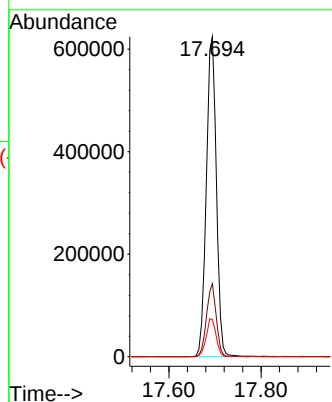
Tgt Ion:167 Resp: 953050

Ion Ratio Lower Upper

167 100

166 22.8 18.2 27.2

139 11.6 10.1 15.1



#74

Di-n-butylphthalate

Concen: 39.195 ng

RT: 18.258 min Scan# 2548

Delta R.T. 0.003 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

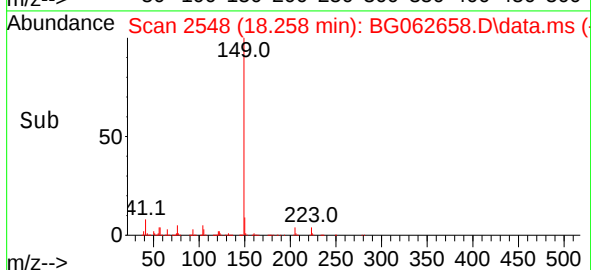
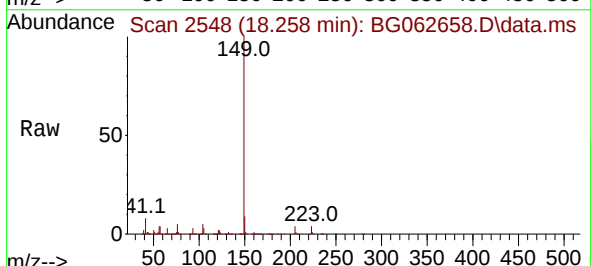
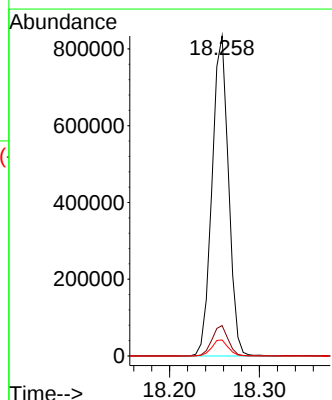
Tgt Ion:149 Resp: 1061349

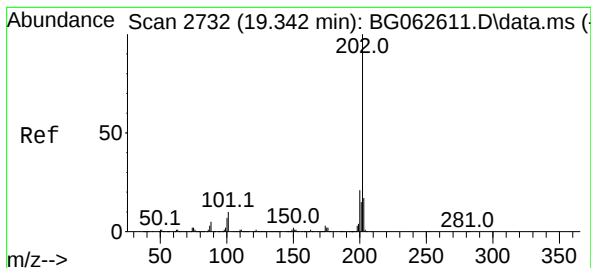
Ion Ratio Lower Upper

149 100

150 9.5 7.3 10.9

104 5.0 4.2 6.2

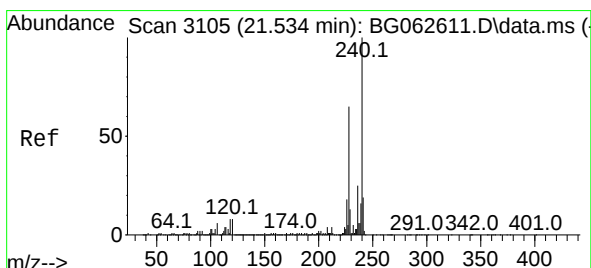
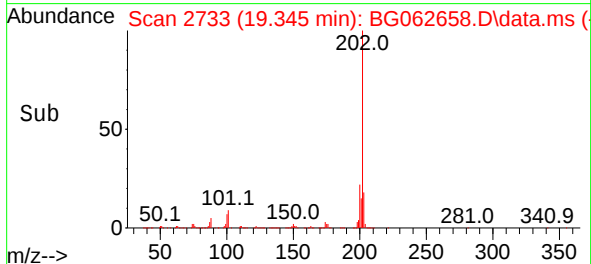
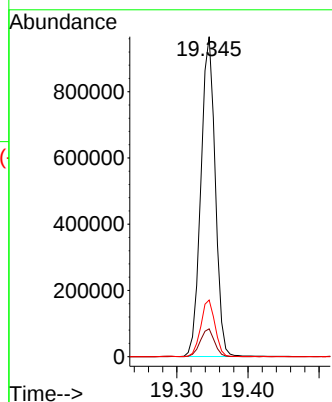
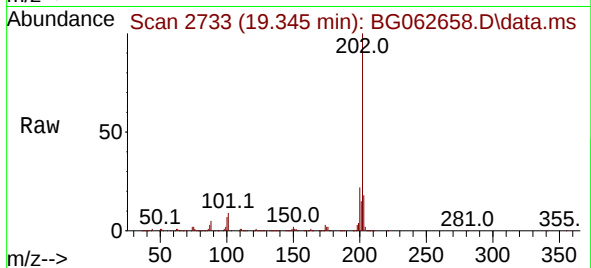




#75
Fluoranthene
Concen: 40.407 ng
RT: 19.345 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

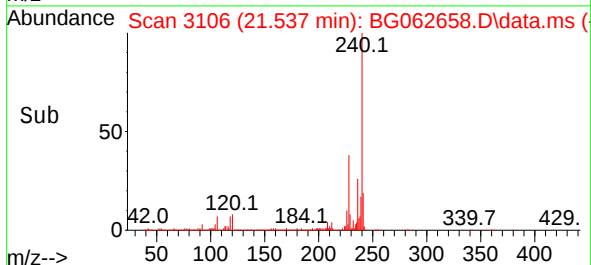
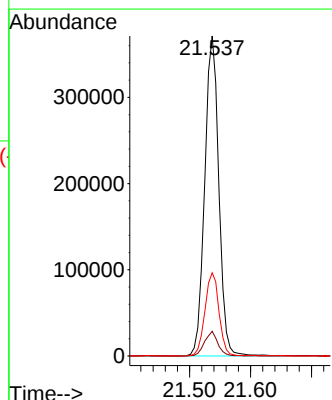
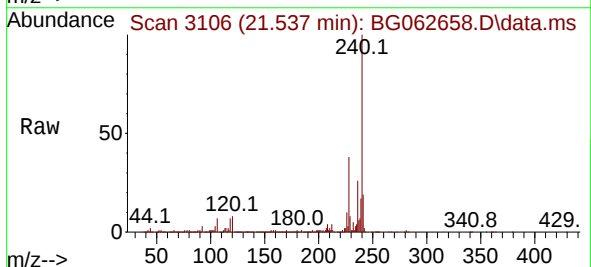
Instrument :
BNA_G
ClientSampleId :

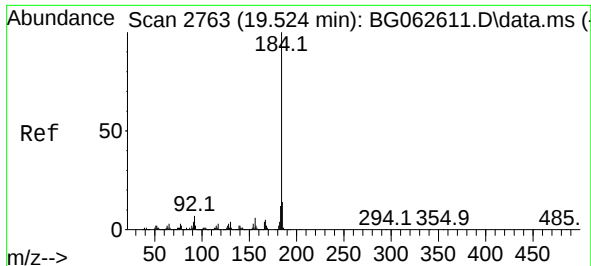
Tgt Ion:202 Resp: 1357571
Ion Ratio Lower Upper
202 100
101 8.7 0.0 29.6
203 17.7 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.537 min Scan# 3106
Delta R.T. 0.003 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

Tgt Ion:240 Resp: 596507
Ion Ratio Lower Upper
240 100
120 7.7 6.6 9.8
236 26.0 20.2 30.4

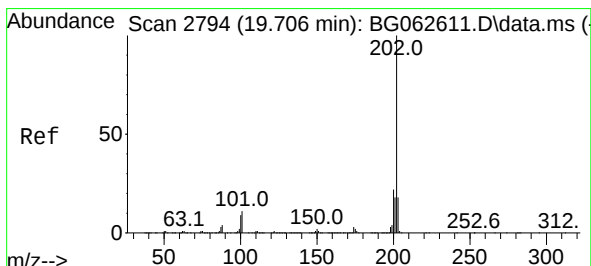
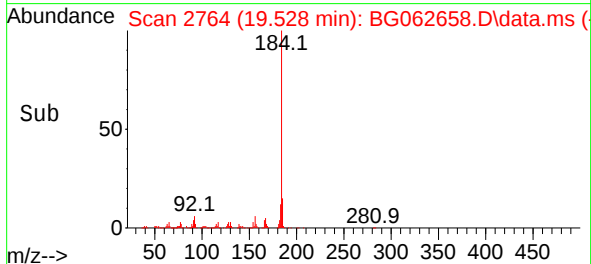
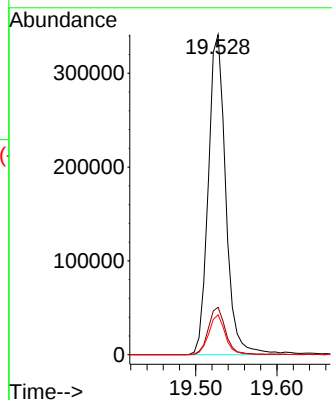
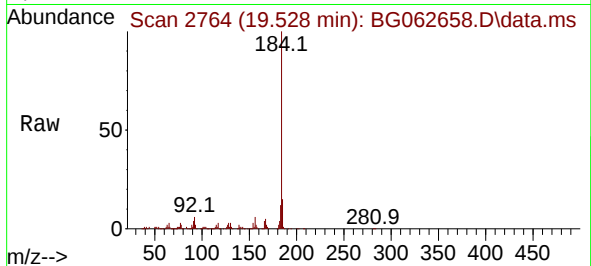




#77
Benzidine
Concen: 47.290 ng
RT: 19.528 min Scan# 2763
Delta R.T. 0.004 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

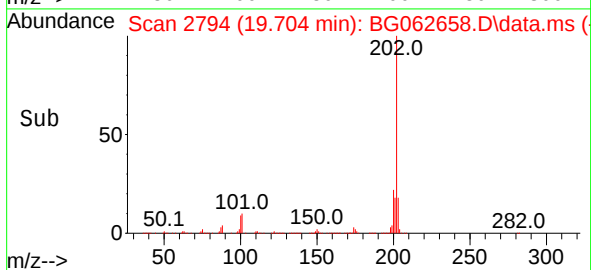
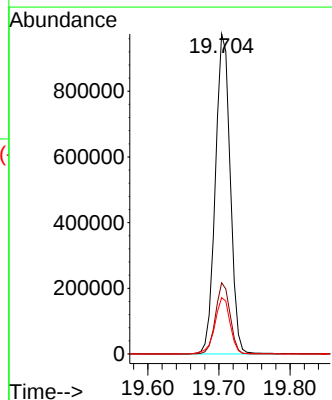
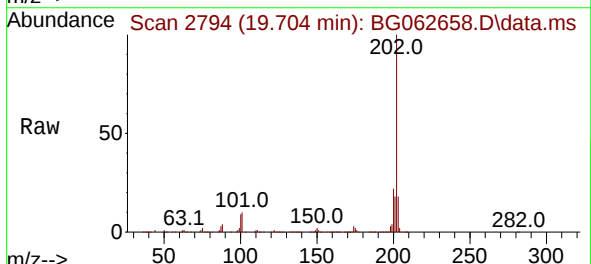
Instrument :
BNA_G
ClientSampleId :

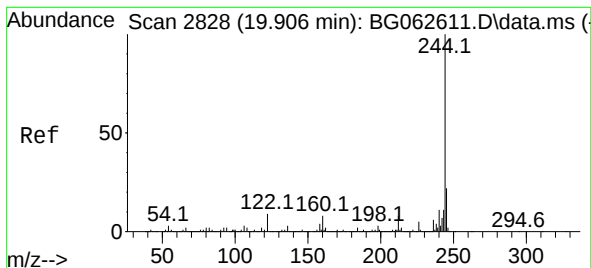
Tgt Ion:184 Resp: 508430
Ion Ratio Lower Upper
184 100
185 14.8 11.0 16.6
183 12.5 9.7 14.5



#78
Pyrene
Concen: 37.287 ng
RT: 19.704 min Scan# 2794
Delta R.T. -0.002 min
Lab File: BG062658.D
Acq: 5 Sep 2024 9:10

Tgt Ion:202 Resp: 1413837
Ion Ratio Lower Upper
202 100
200 22.2 17.4 26.2
203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 73.154 ng

RT: 19.909 min Scan# 2

Delta R.T. 0.003 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

Instrument :

BNA_G

ClientSampleId :

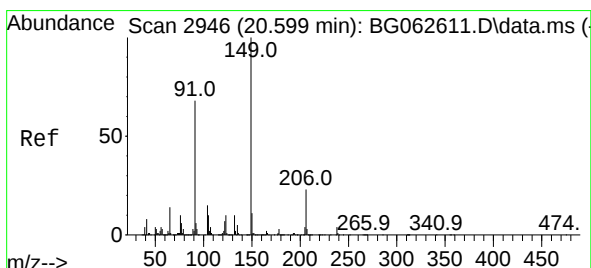
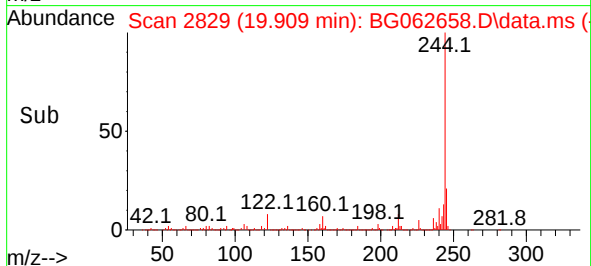
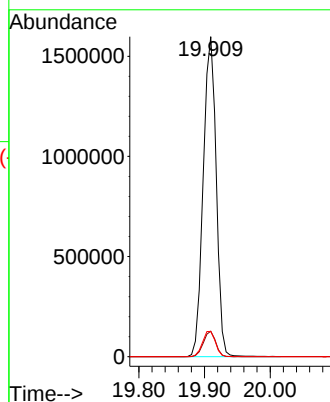
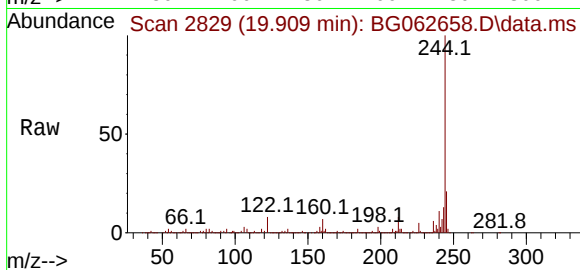
Tgt Ion:244 Resp: 2200732

Ion Ratio Lower Upper

244 100

212 8.0 6.6 10.0

122 7.9 7.2 10.8



#80

Butylbenzylphthalate

Concen: 37.440 ng

RT: 20.597 min Scan# 2946

Delta R.T. -0.003 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

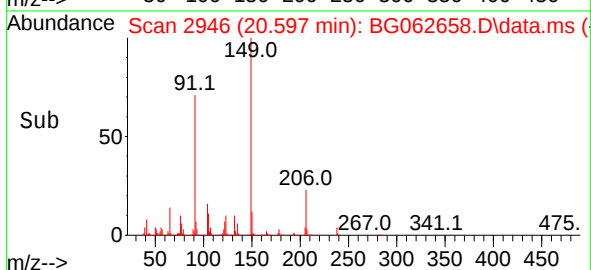
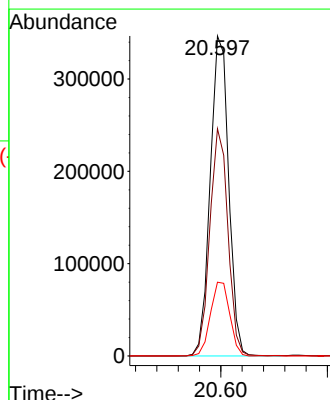
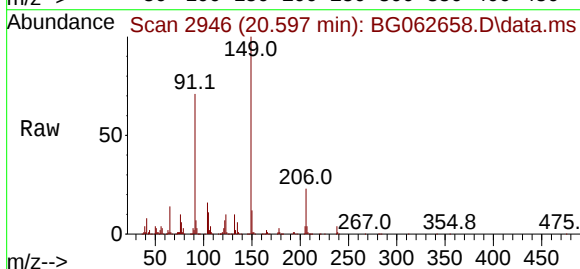
Tgt Ion:149 Resp: 416986

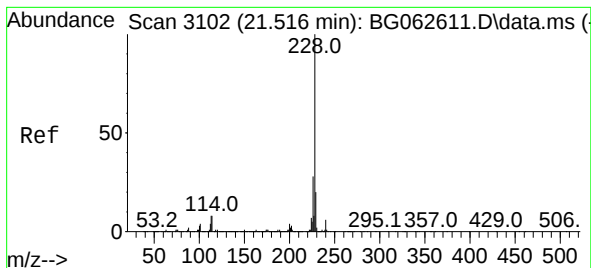
Ion Ratio Lower Upper

149 100

91 71.0 54.6 81.8

206 23.0 18.4 27.6





#81

Benzo(a)anthracene

Concen: 38.220 ng

RT: 21.519 min Scan# 3102

Delta R.T. 0.003 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

Instrument :

BNA_G

ClientSampleId :

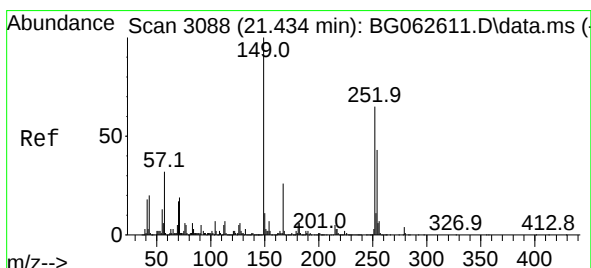
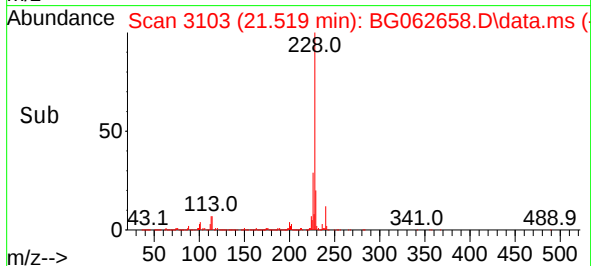
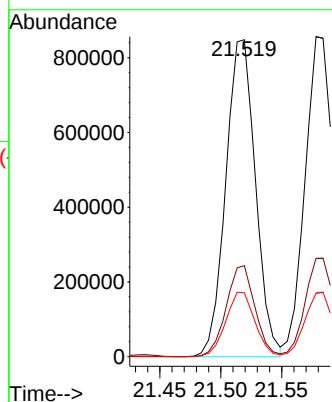
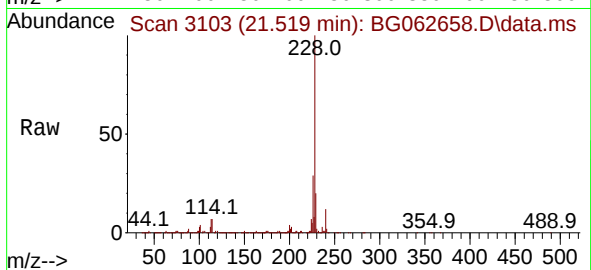
Tgt Ion:228 Resp: 1437945

Ion Ratio Lower Upper

228 100

226 28.7 22.3 33.5

229 20.1 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 38.074 ng

RT: 21.437 min Scan# 3089

Delta R.T. 0.003 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

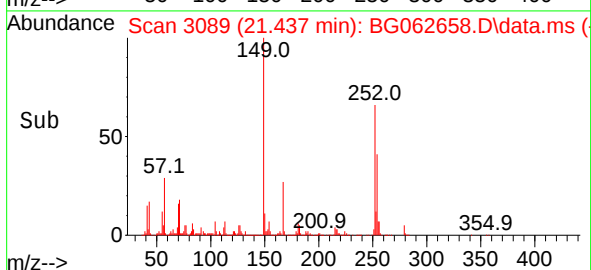
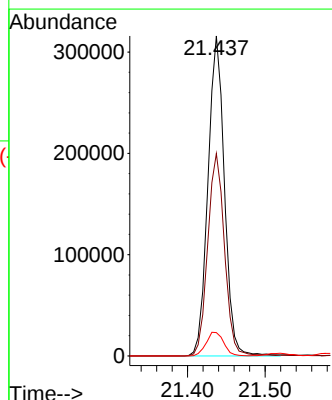
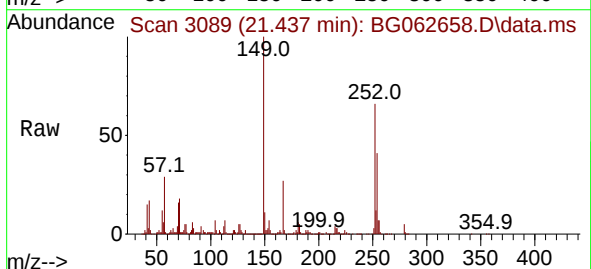
Tgt Ion:252 Resp: 466642

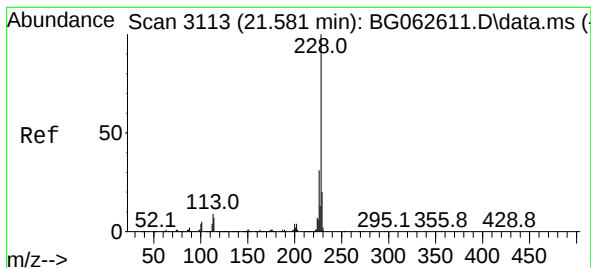
Ion Ratio Lower Upper

252 100

254 63.2 52.2 78.2

126 7.3 6.7 10.1





#83

Chrysene

Concen: 38.661 ng

RT: 21.578 min Scan# 3113

Delta R.T. -0.002 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

Instrument :

BNA_G

ClientSampleId :

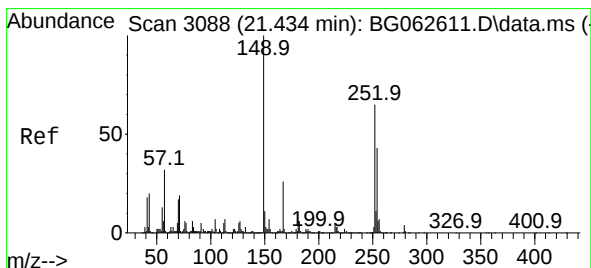
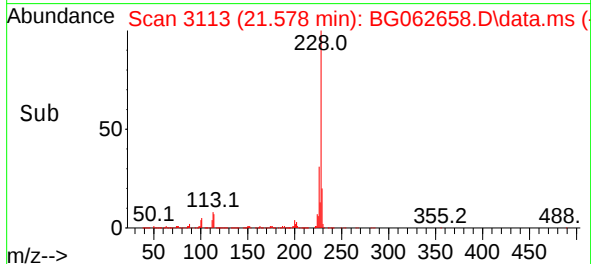
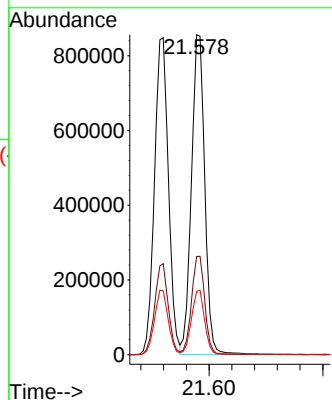
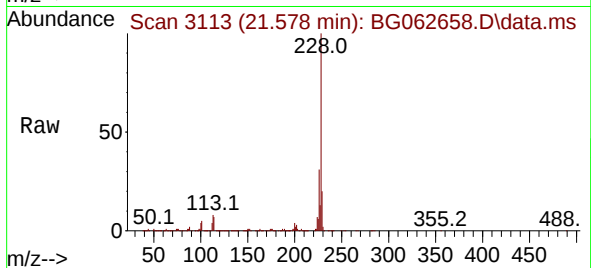
Tgt Ion:228 Resp: 1393234

Ion Ratio Lower Upper

228 100

226 30.7 24.9 37.3

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.342 ng

RT: 21.437 min Scan# 3089

Delta R.T. 0.003 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

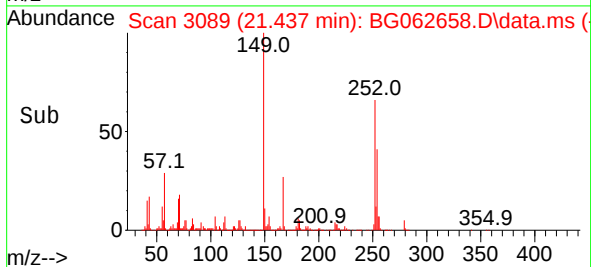
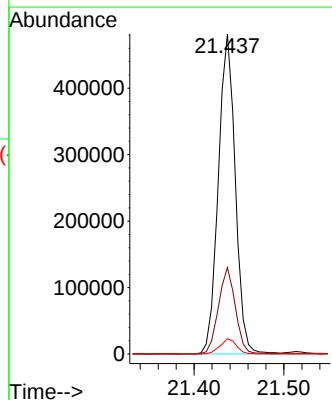
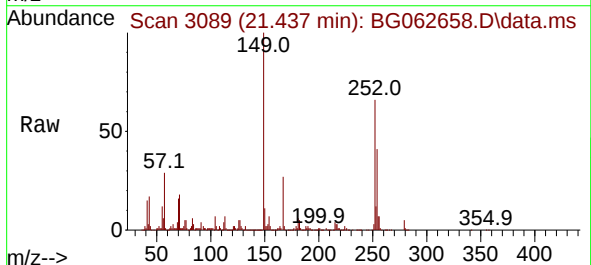
Tgt Ion:149 Resp: 631839

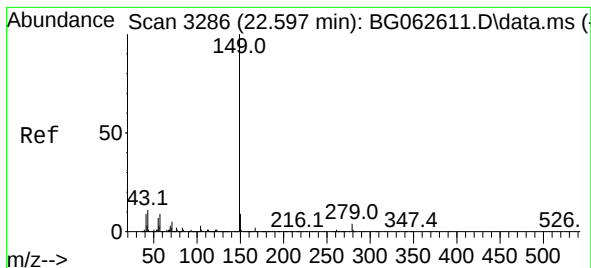
Ion Ratio Lower Upper

149 100

167 27.0 20.5 30.7

279 4.8 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 36.114 ng

RT: 22.595 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

Instrument :

BNA_G

ClientSampleId :

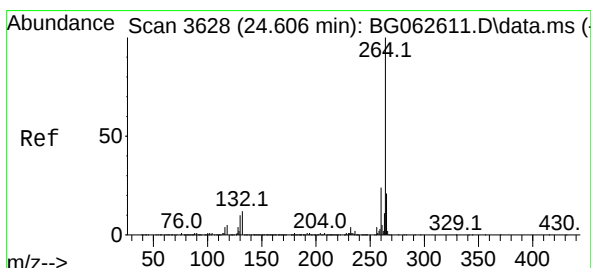
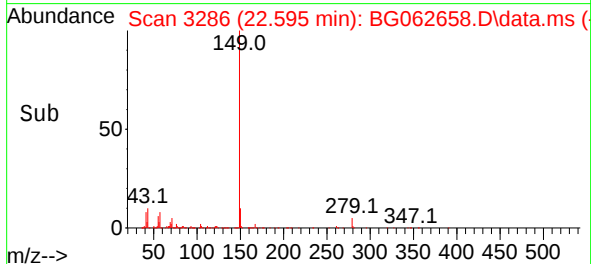
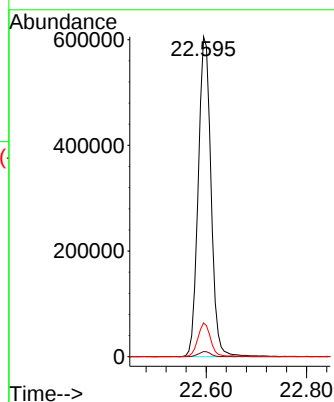
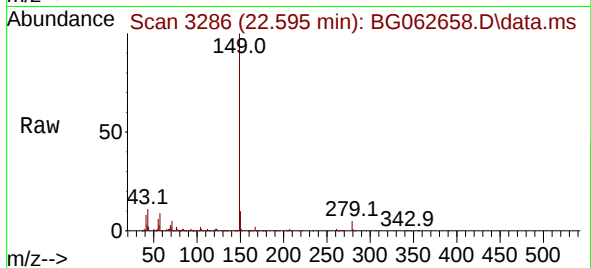
Tgt Ion:149 Resp: 1069899

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

43 10.5 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.604 min Scan# 3628

Delta R.T. -0.002 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

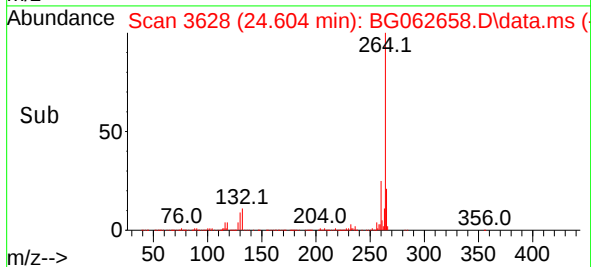
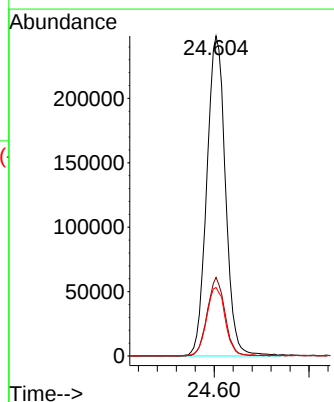
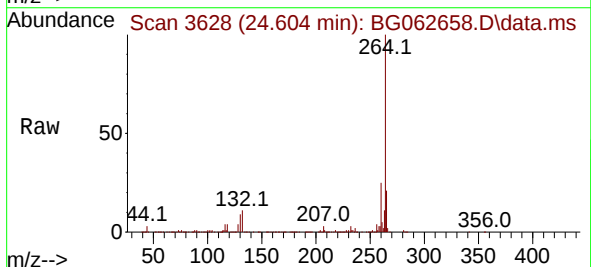
Tgt Ion:264 Resp: 678363

Ion Ratio Lower Upper

264 100

260 24.6 19.0 28.4

265 21.4 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.976 ng

RT: 28.070 min Scan# 41

Delta R.T. -0.002 min

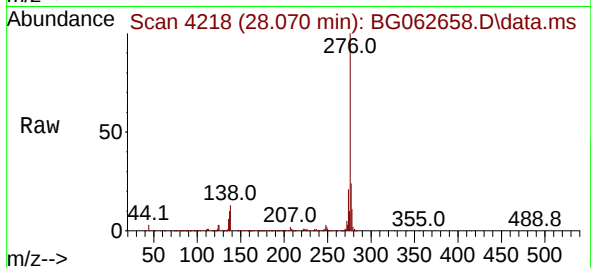
Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

Instrument :

BNA_G

ClientSampleId :



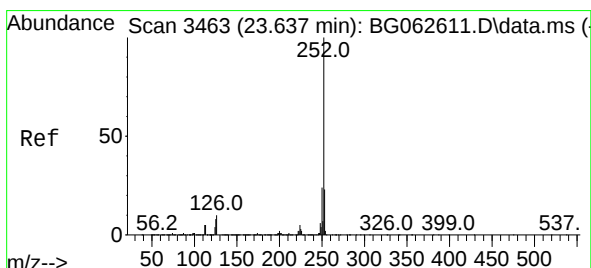
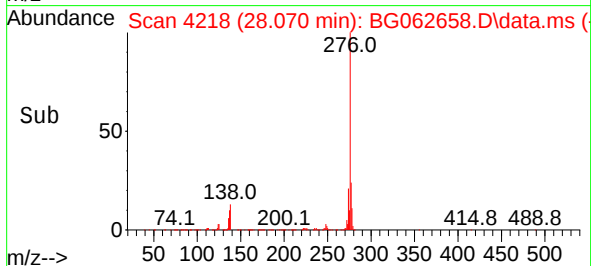
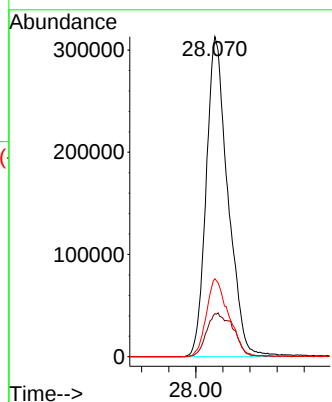
Tgt Ion:276 Resp: 1738884

Ion Ratio Lower Upper

276 100

138 16.7 14.9 22.3

277 25.1 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 39.408 ng

RT: 23.634 min Scan# 3463

Delta R.T. -0.002 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

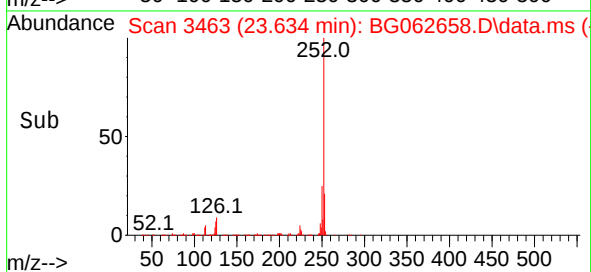
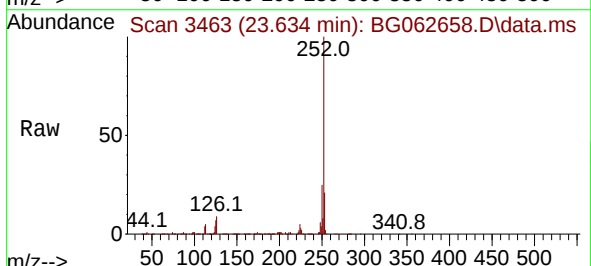
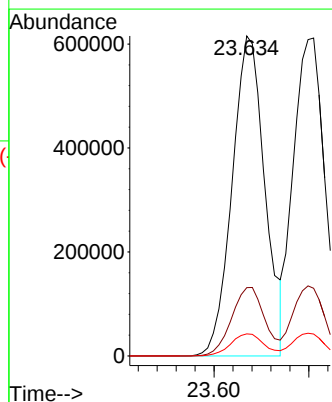
Tgt Ion:252 Resp: 1476565

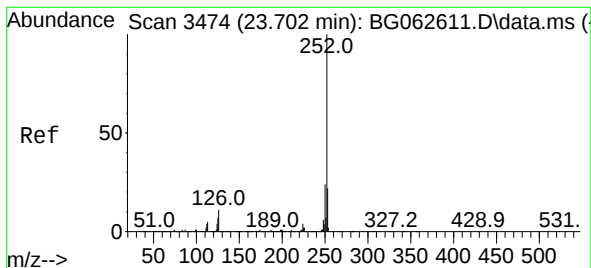
Ion Ratio Lower Upper

252 100

253 21.3 18.2 27.2

125 6.9 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 38.937 ng

RT: 23.705 min Scan# 3474

Delta R.T. 0.003 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

Instrument :

BNA_G

ClientSampleId :

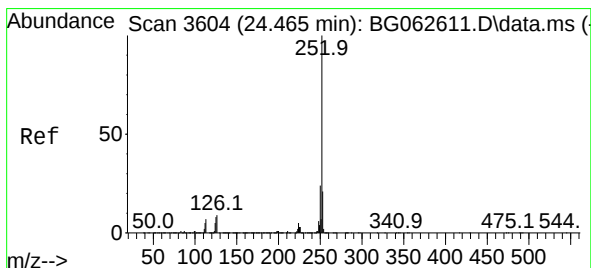
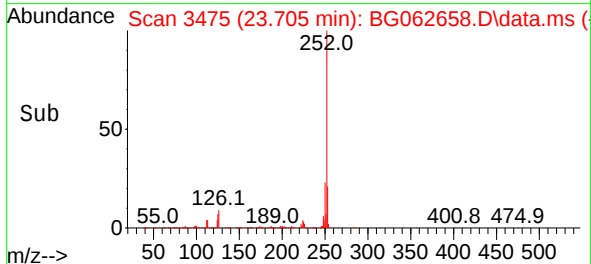
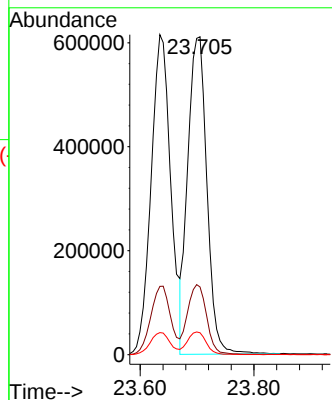
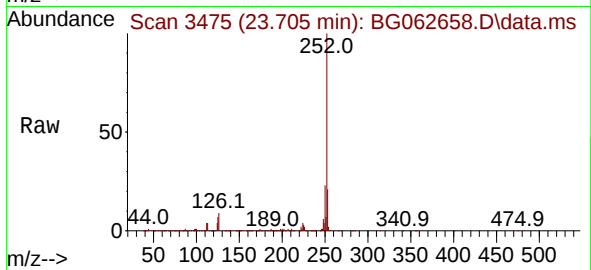
Tgt Ion:252 Resp: 1427102

Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.8

125 6.9 6.1 9.1



#90

Benzo(a)pyrene

Concen: 38.608 ng

RT: 24.463 min Scan# 3604

Delta R.T. -0.002 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

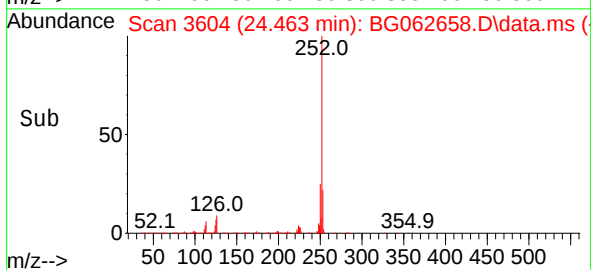
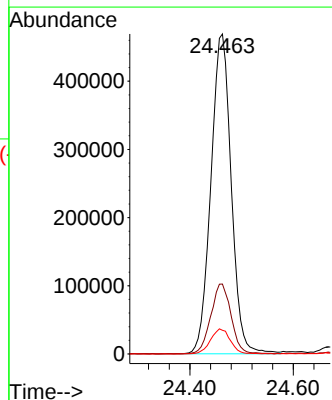
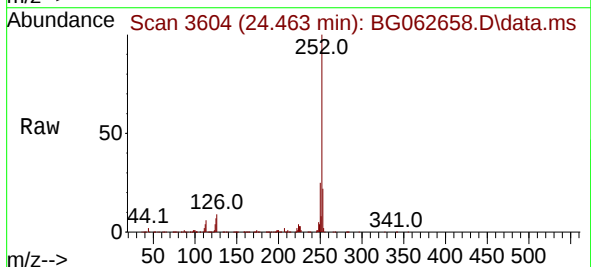
Tgt Ion:252 Resp: 1277974

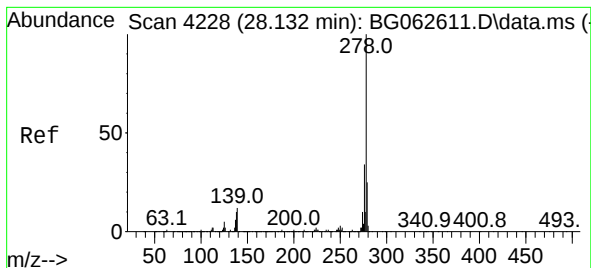
Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

125 7.4 6.6 10.0





#91

Dibenzo(a,h)anthracene

Concen: 40.446 ng

RT: 28.135 min Scan# 41

Delta R.T. 0.003 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

Instrument :

BNA_G

ClientSampleId :

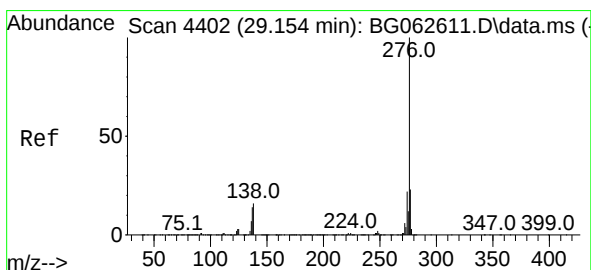
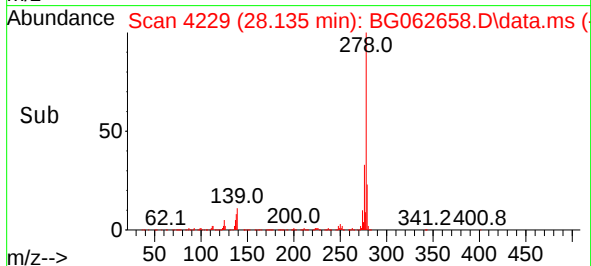
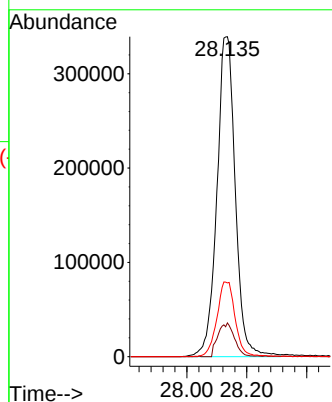
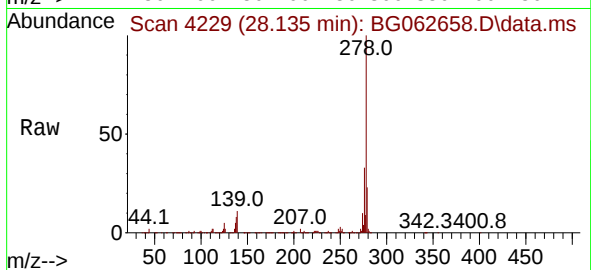
Tgt Ion:278 Resp: 1449289

Ion Ratio Lower Upper

278 100

139 10.6 9.2 13.8

279 23.0 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 40.033 ng

RT: 29.163 min Scan# 4404

Delta R.T. 0.009 min

Lab File: BG062658.D

Acq: 5 Sep 2024 9:10

Tgt Ion:276 Resp: 1446497

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 13.6 12.7 19.1

