

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082824\
 Data File : BG062603.D
 Acq On : 28 Aug 2024 20:04
 Operator : MA/JU
 Sample : P3767-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P-5-COMPOSITMSD

Quant Time: Aug 29 00:28:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 00:59:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	83845	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	340005	20.000	ng	# 0.00
39) Acenaphthene-d10	14.557	164	240506	20.000	ng	0.00
64) Phenanthrene-d10	17.300	188	553075	20.000	ng	0.00
76) Chrysene-d12	21.548	240	537938	20.000	ng	0.00
86) Perylene-d12	24.627	264	630036	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.520	112	391904	83.851	ng	0.00
7) Phenol-d6	7.101	99	542930	81.554	ng	0.00
23) Nitrobenzene-d5	9.087	82	315343	61.553	ng	0.00
42) 2,4,6-Tribromophenol	16.043	330	273678	103.013	ng	0.00
45) 2-Fluorobiphenyl	13.176	172	827105	56.548	ng	0.00
79) Terphenyl-d14	19.915	244	1543084	59.974	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.423	88	76658	34.431	ng	96
3) Pyridine	3.816	79	217118	35.830	ng	96
4) n-Nitrosodimethylamine	3.734	42	118119	36.598	ng	87
6) Aniline	7.259	93	172334	27.426	ng	99
8) 2-Chlorophenol	7.500	128	245999	48.854	ng	96
9) Benzaldehyde	7.071	77	94598	22.509	ng	93
10) Phenol	7.130	94	340763	49.320	ng	99
11) bis(2-Chloroethyl)ether	7.353	93	238770	42.499	ng	99
12) 1,3-Dichlorobenzene	7.823	146	266516	45.201	ng	96
13) 1,4-Dichlorobenzene	7.970	146	268622	44.710	ng	99
14) 1,2-Dichlorobenzene	8.282	146	264437	44.980	ng	98
15) Benzyl Alcohol	8.170	79	249749	53.885	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.452	45	447665	41.950	ng	98
17) 2-Methylphenol	8.376	107	232119	50.296	ng	94
18) Hexachloroethane	9.010	117	94420	47.102	ng	91
19) n-Nitroso-di-n-propyla...	8.734	70	214335	48.074	ng	90
20) 3+4-Methylphenols	8.699	107	315463	49.988	ng	99
22) Acetophenone	8.746	105	397835	46.889	ng	# 97
24) Nitrobenzene	9.128	77	286539	51.648	ng	99
25) Isophorone	9.651	82	557881	44.892	ng	99
26) 2-Nitrophenol	9.839	139	116094	60.688	ng	96
27) 2,4-Dimethylphenol	9.903	122	209739	64.580	ng	95
28) bis(2-Chloroethoxy)met...	10.132	93	329065	45.683	ng	99
29) 2,4-Dichlorophenol	10.373	162	267217	55.576	ng	97
30) 1,2,4-Trichlorobenzene	10.591	180	285551	48.616	ng	99
31) Naphthalene	10.773	128	799268	47.096	ng	99
32) Benzoic acid	10.044	122	160170	59.619	ng	99
33) 4-Chloroaniline	10.879	127	115231	18.691	ng	96
34) Hexachlorobutadiene	11.061	225	192890	50.338	ng	92
35) Caprolactam	11.654	113	50610	39.062	ng	# 86
36) 4-Chloro-3-methylphenol	12.007	107	277950	53.352	ng	99
37) 2-Methylnaphthalene	12.383	142	576186	50.390	ng	98
38) 1-Methylnaphthalene	12.600	142	542214	47.391	ng	100
40) 1,2,4,5-Tetrachloroben...	12.747	216	358699	52.365	ng	99
41) Hexachlorocyclopentadiene	12.729	237	275969	160.236	ng	97
43) 2,4,6-Trichlorophenol	12.988	196	237247	60.513	ng	97

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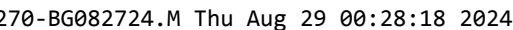
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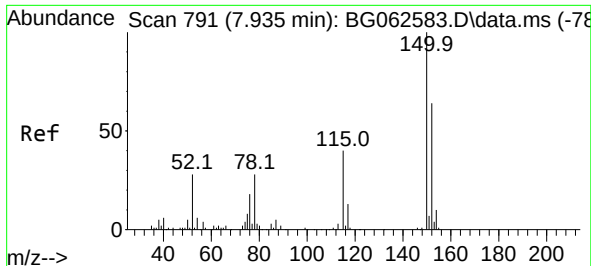
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.064	196	259783	56.224	ng	95
46) 1,1'-Biphenyl	13.387	154	761182	47.302	ng	99
47) 2-Chloronaphthalene	13.429	162	627092	48.825	ng	100
48) 2-Nitroaniline	13.628	65	163289	59.112	ng	98
49) Acenaphthylene	14.280	152	1003515	51.252	ng	100
50) Dimethylphthalate	14.010	163	789051	50.488	ng	100
51) 2,6-Dinitrotoluene	14.128	165	148175	48.774	ng	92
52) Acenaphthene	14.621	154	569823	47.170	ng	96
53) 3-Nitroaniline	14.457	138	101889	39.266	ng	95
54) 2,4-Dinitrophenol	14.668	184	161286	113.423	ng	92
55) Dibenzofuran	14.956	168	1007712	48.652	ng	99
56) 4-Nitrophenol	14.774	139	264243	107.775	ng	97
57) 2,4-Dinitrotoluene	14.915	165	209077	58.550	ng	97
58) Fluorene	15.602	166	729802	44.868	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.179	232	245378	58.338	ng	97
60) Diethylphthalate	15.373	149	786947	52.544	ng	99
61) 4-Chlorophenyl-phenyle...	15.597	204	409841	47.414	ng	95
62) 4-Nitroaniline	15.620	138	150250	52.177	ng	97
63) Azobenzene	15.890	77	767426	45.093	ng	96
65) 4,6-Dinitro-2-methylph...	15.679	198	117751	62.933	ng	97
66) n-Nitrosodiphenylamine	15.808	169	690515	51.402	ng	97
67) 4-Bromophenyl-phenylether	16.490	248	285230	53.577	ng	96
68) Hexachlorobenzene	16.607	284	326295	53.043	ng	94
69) Atrazine	16.760	200	273954	74.972	ng	98
70) Pentachlorophenol	16.954	266	428136	116.128	ng	96
71) Phenanthrene	17.342	178	1356535	50.931	ng	99
72) Anthracene	17.430	178	1334032	51.191	ng	100
73) Carbazole	17.700	167	1140183	47.159	ng	99
74) Di-n-butylphthalate	18.264	149	1332925	63.017	ng	99
75) Fluoranthene	19.351	202	1709167	51.260	ng	98
77) Benzidine	19.533	184	202320	25.734	ng	100
78) Pyrene	19.715	202	1772986	51.839	ng	99
80) Butylbenzylphthalate	20.608	149	522383	65.761	ng	96
81) Benzo(a)anthracene	21.525	228	1761501	51.415	ng	100
82) 3,3'-Dichlorobenzidine	21.449	252	274175	30.255	ng	98
83) Chrysene	21.590	228	1685259	50.271	ng	99
84) Bis(2-ethylhexyl)phtha...	21.449	149	815534	75.330	ng	99
85) Di-n-octyl phthalate	22.612	149	1432525	70.081	ng	# 90
87) Indeno(1,2,3-cd)pyrene	28.117	276	2150547	54.128	ng	97
88) Benzo(b)fluoranthene	23.658	252	1779405	50.424	ng	99
89) Benzo(k)fluoranthene	23.722	252	1731451	49.453	ng	98
90) Benzo(a)pyrene	24.486	252	1681650	54.207	ng	99
91) Dibenzo(a,h)anthracene	28.170	278	1723795	52.501	ng	97
92) Benzo(g,h,i)perylene	29.204	276	1644596	49.270	ng	96

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

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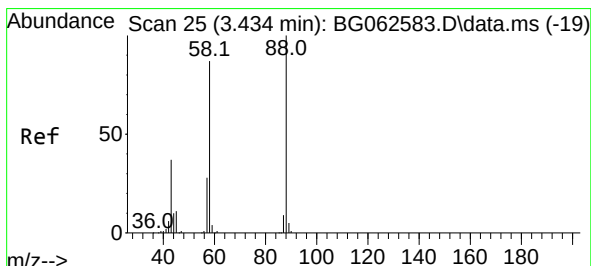
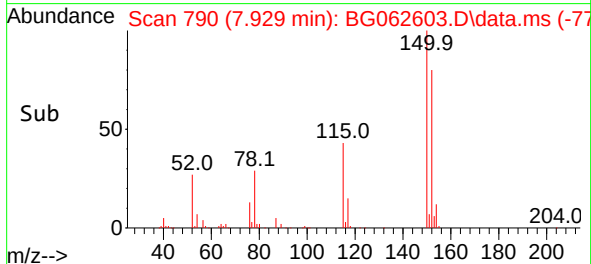
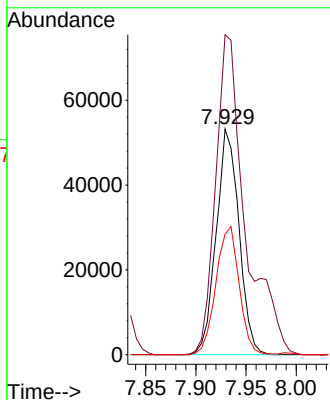
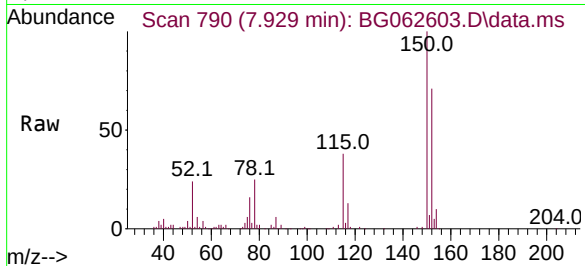




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 791
Delta R.T. -0.006 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

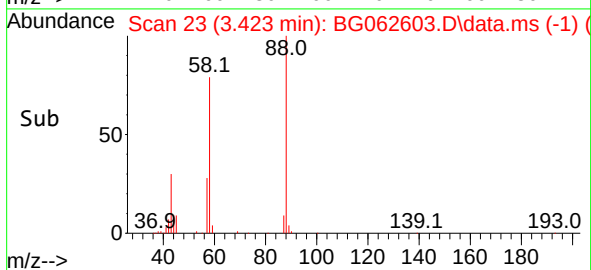
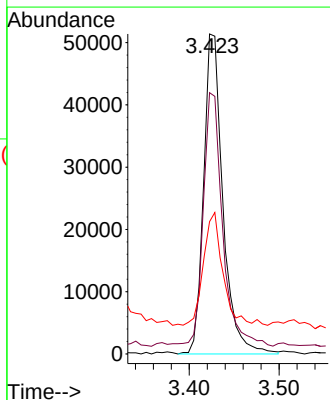
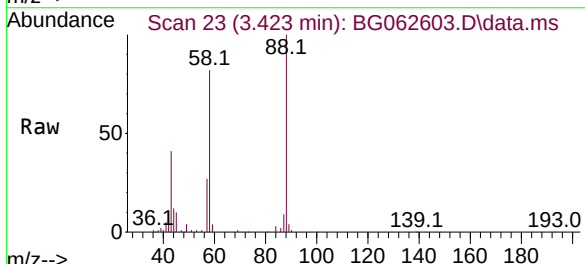
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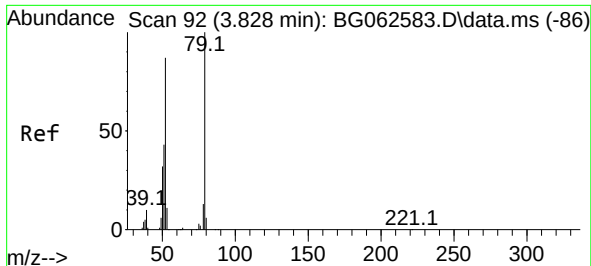
Tgt Ion:152 Resp: 83845
Ion Ratio Lower Upper
152 100
150 141.8 125.1 187.7
115 53.4 50.6 76.0



#2
1,4-Dioxane
Concen: 34.431 ng
RT: 3.423 min Scan# 23
Delta R.T. -0.011 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

Tgt Ion: 88 Resp: 76658
Ion Ratio Lower Upper
88 100
58 79.3 66.6 99.8
43 37.6 28.2 42.2

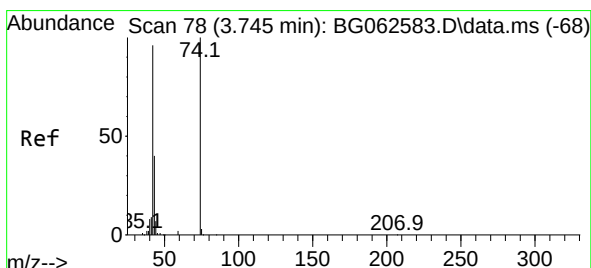
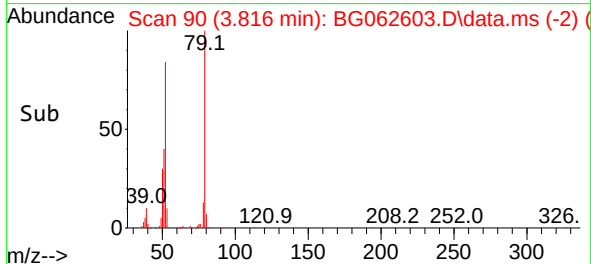
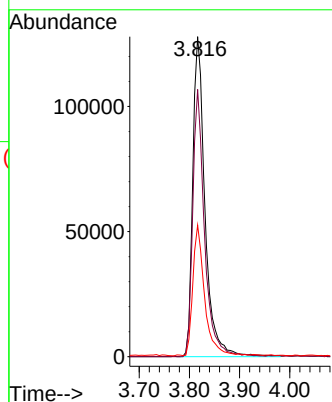
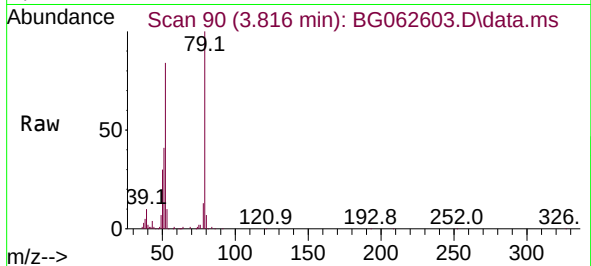




#3
Pyridine
Concen: 35.830 ng
RT: 3.816 min Scan# 90
Delta R.T. -0.011 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

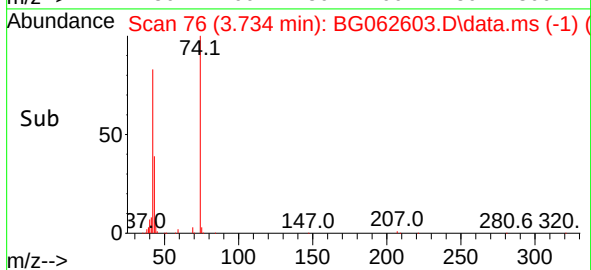
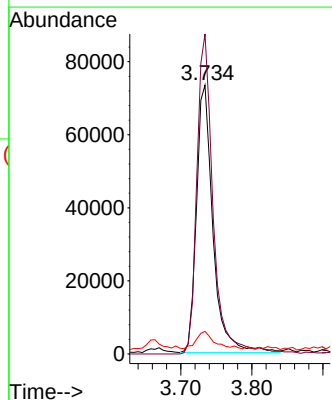
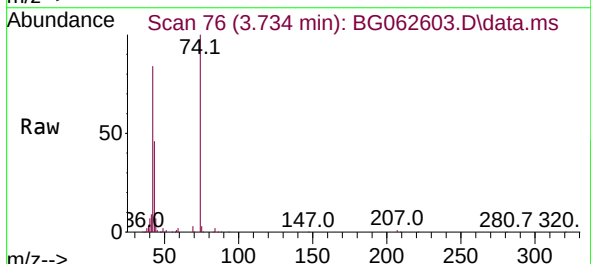
Instrument :
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ClientSampleId :
P-5-COMPOSITEMSD

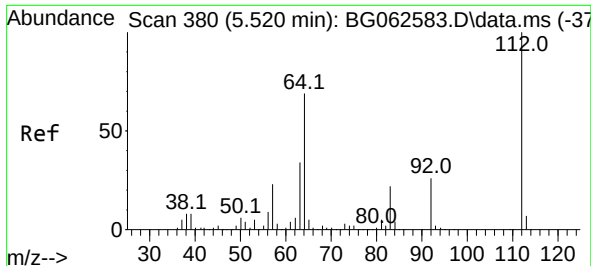
Tgt Ion: 79 Resp: 217118
Ion Ratio Lower Upper
79 100
52 83.5 69.7 104.5
51 41.1 35.6 53.4



#4
n-Nitrosodimethylamine
Concen: 36.598 ng
RT: 3.734 min Scan# 76
Delta R.T. -0.011 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

Tgt Ion: 42 Resp: 118119
Ion Ratio Lower Upper
42 100
74 119.0 83.5 125.3
44 8.4 7.4 11.0

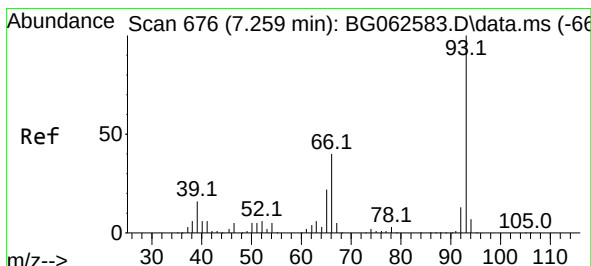
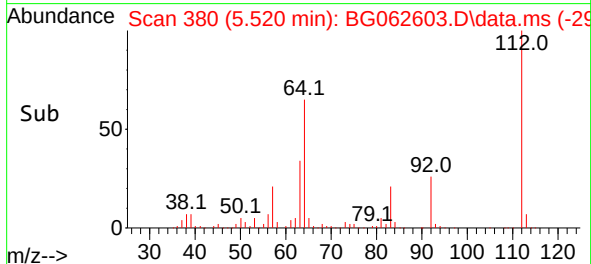
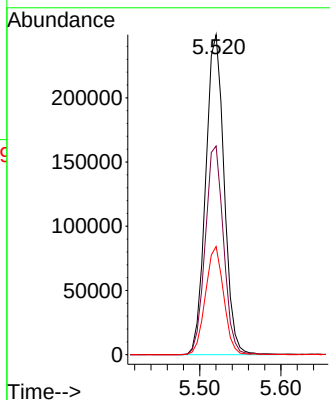
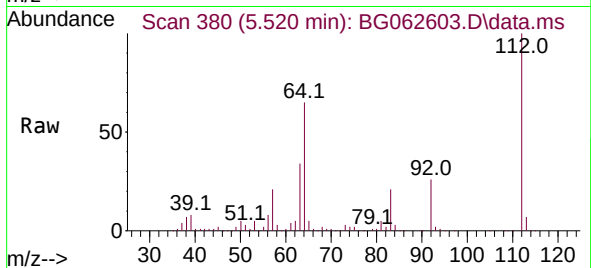




#5
2-Fluorophenol
Concen: 83.851 ng
RT: 5.520 min Scan# 380
Delta R.T. 0.000 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

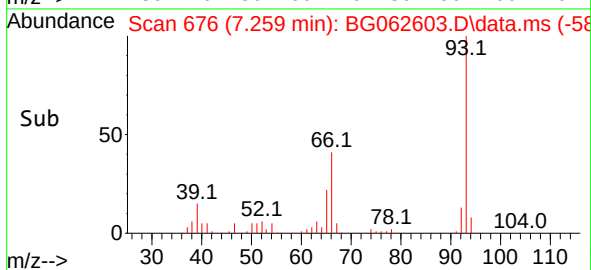
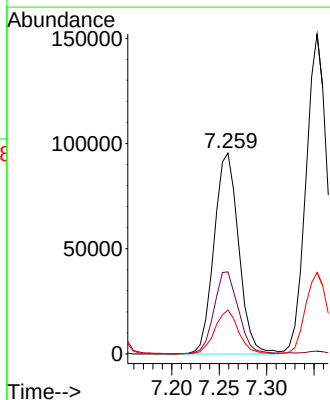
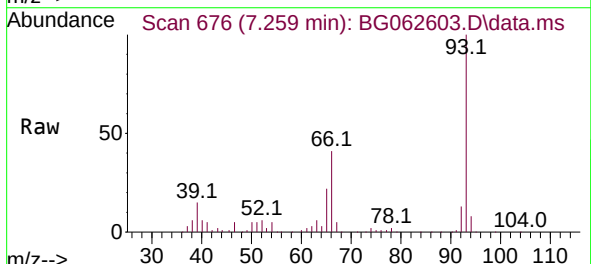
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ClientSampleId :
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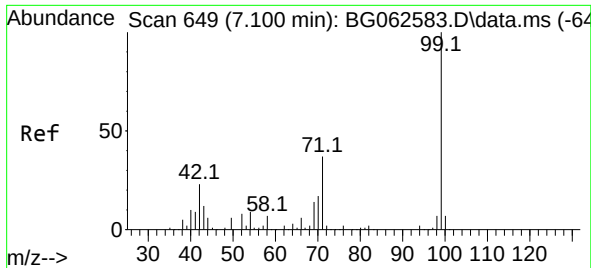
Tgt Ion:112 Resp: 391904
Ion Ratio Lower Upper
112 100
64 65.2 55.5 83.3
63 33.8 27.4 41.2



#6
Aniline
Concen: 27.426 ng
RT: 7.259 min Scan# 676
Delta R.T. 0.000 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

Tgt Ion: 93 Resp: 172334
Ion Ratio Lower Upper
93 100
66 40.9 32.4 48.6
65 21.8 17.6 26.4

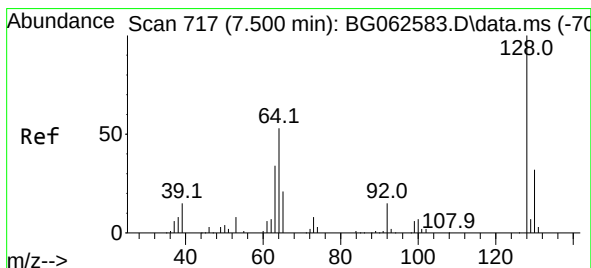
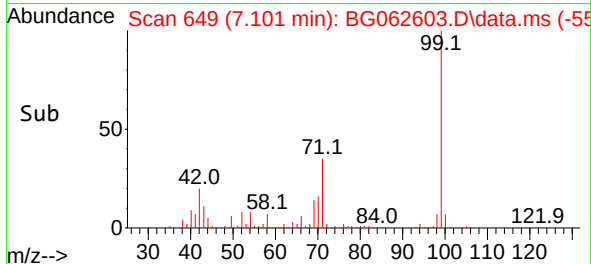
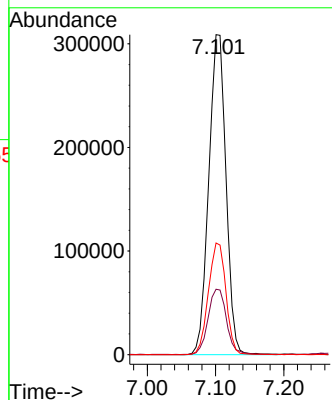
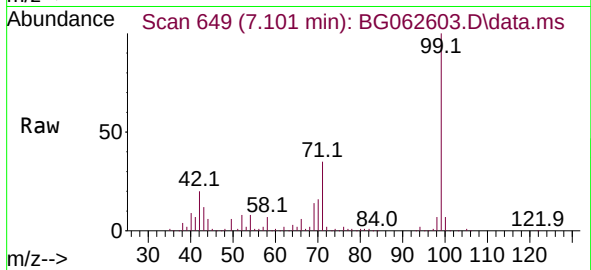




#7
Phenol-d6
Concen: 81.554 ng
RT: 7.101 min Scan# 649
Delta R.T. 0.000 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

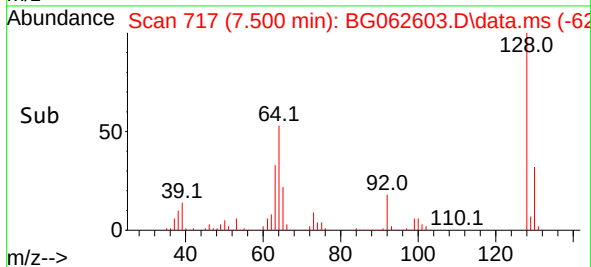
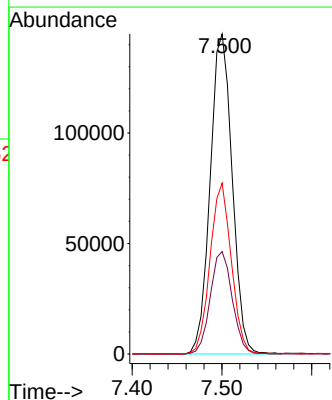
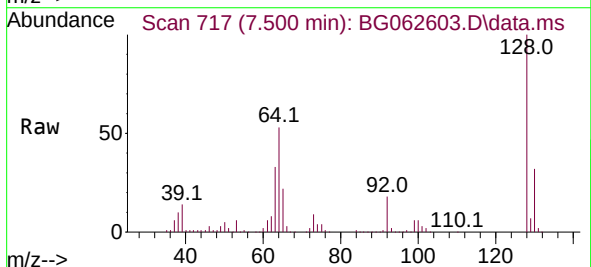
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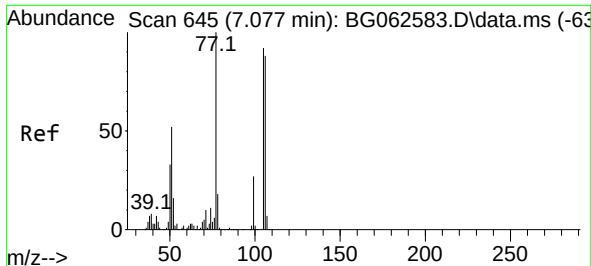
Tgt Ion: 99 Resp: 542930
Ion Ratio Lower Upper
99 100
42 20.5 18.7 28.1
71 34.9 29.8 44.6



#8
2-Chlorophenol
Concen: 48.854 ng
RT: 7.500 min Scan# 717
Delta R.T. 0.000 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

Tgt Ion: 128 Resp: 245999
Ion Ratio Lower Upper
128 100
130 32.0 11.6 51.6
64 53.4 37.5 77.5

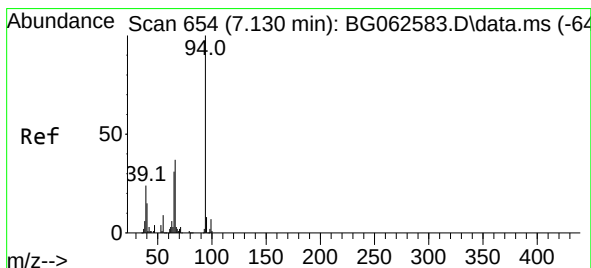
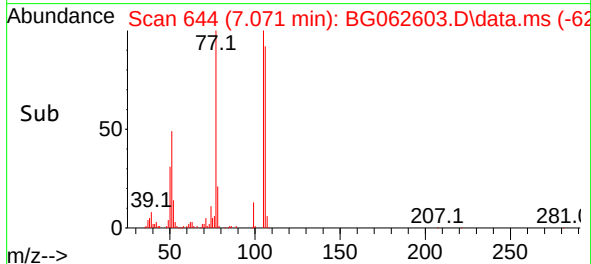
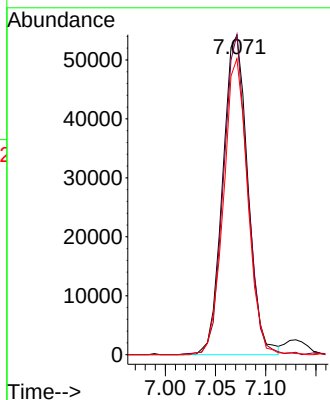
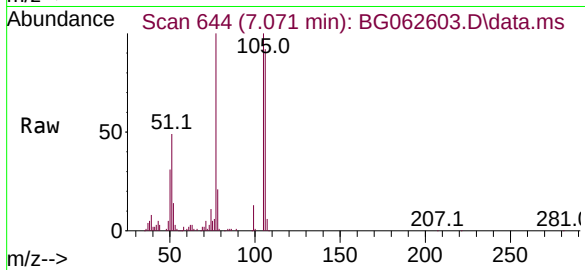




#9
Benzaldehyde
Concen: 22.509 ng
RT: 7.071 min Scan# 644
Delta R.T. -0.005 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

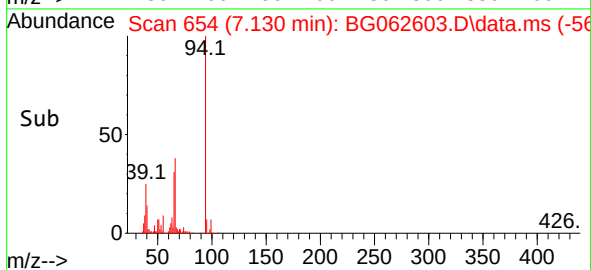
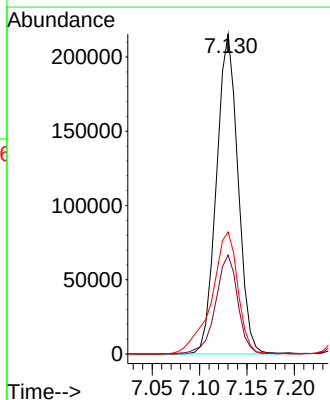
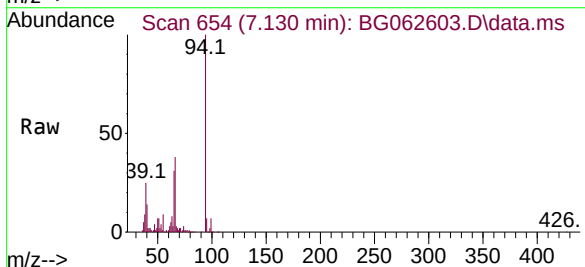
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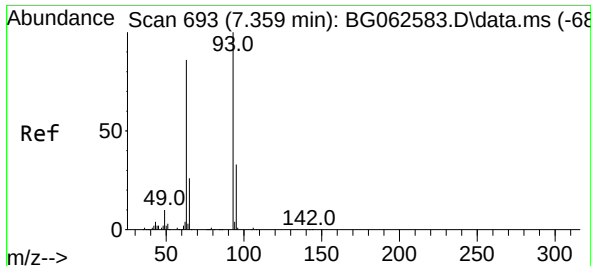
Tgt Ion: 77 Resp: 94598
Ion Ratio Lower Upper
77 100
105 100.2 72.0 112.0
106 92.7 67.7 107.7



#10
Phenol
Concen: 49.320 ng
RT: 7.130 min Scan# 654
Delta R.T. 0.000 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

Tgt Ion: 94 Resp: 340763
Ion Ratio Lower Upper
94 100
65 30.9 11.6 51.6
66 38.1 17.7 57.7

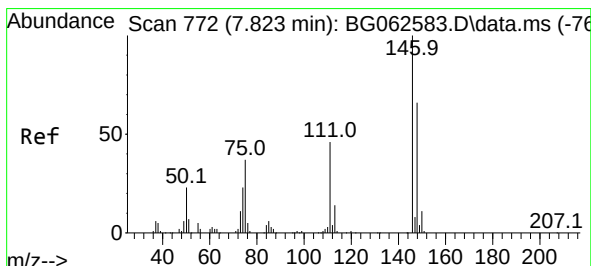
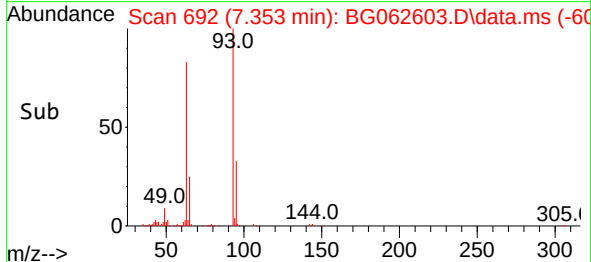
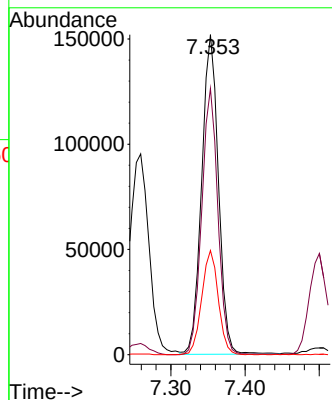
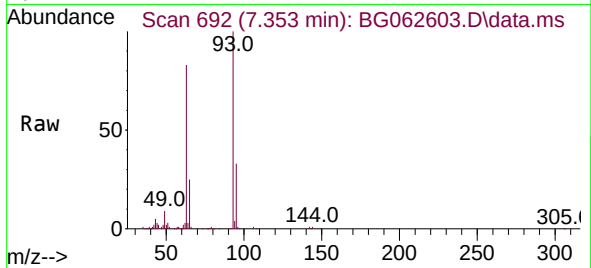




#11
bis(2-Chloroethyl)ether
Concen: 42.499 ng
RT: 7.353 min Scan# 693
Delta R.T. -0.005 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

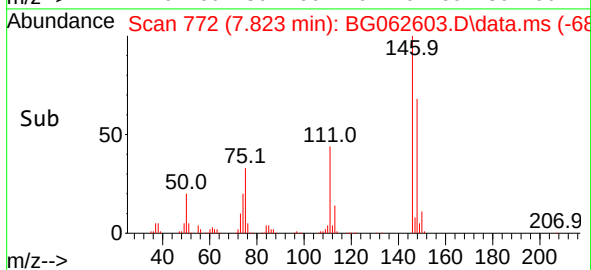
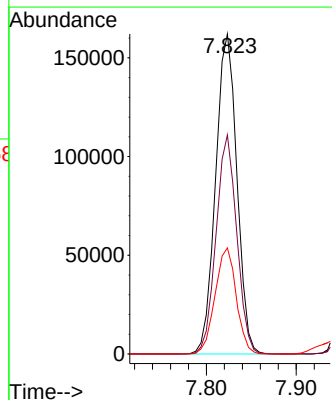
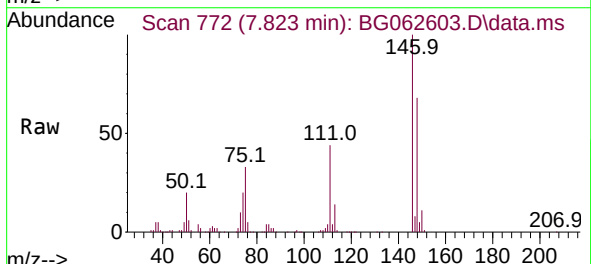
Instrument :
BNA_G
ClientSampleId :
P-5-COMPOSITEMSD

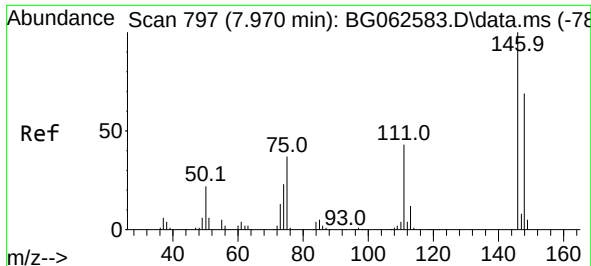
Tgt Ion: 93 Resp: 238770
Ion Ratio Lower Upper
93 100
63 83.2 64.7 104.7
95 32.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 45.201 ng
RT: 7.823 min Scan# 772
Delta R.T. 0.000 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

Tgt Ion:146 Resp: 266516
Ion Ratio Lower Upper
146 100
148 68.5 52.6 78.8
75 33.2 29.4 44.0

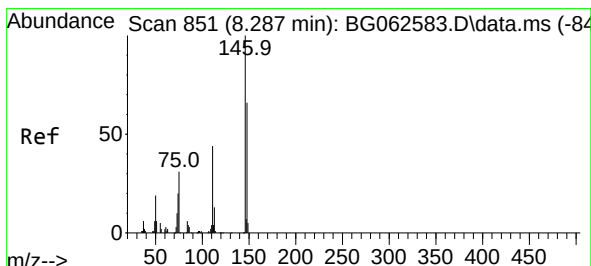
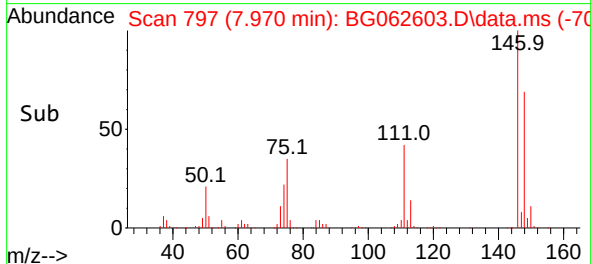
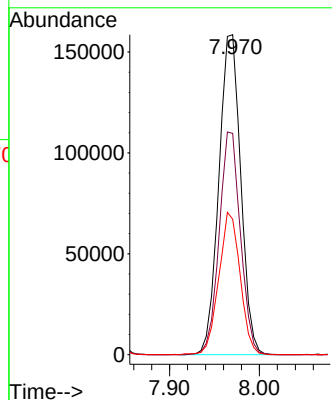
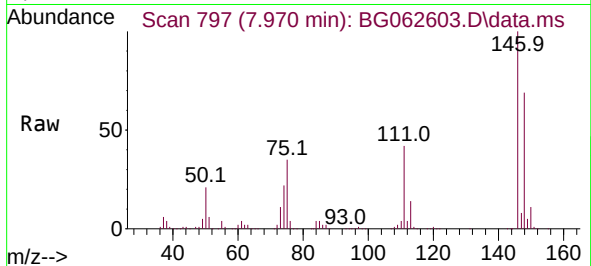




#13
1,4-Dichlorobenzene
Concen: 44.710 ng
RT: 7.970 min Scan# 797
Delta R.T. 0.000 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

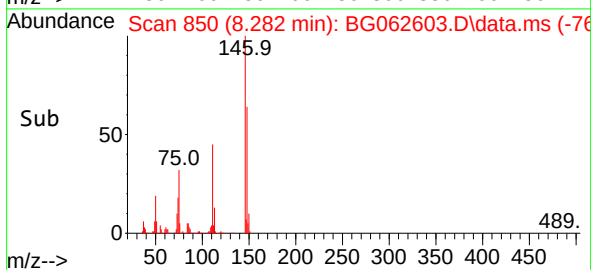
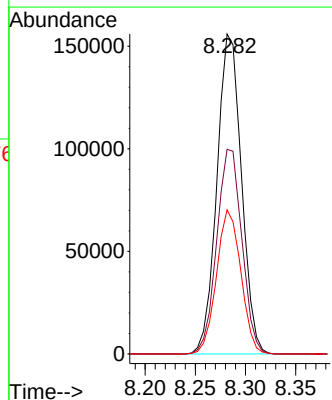
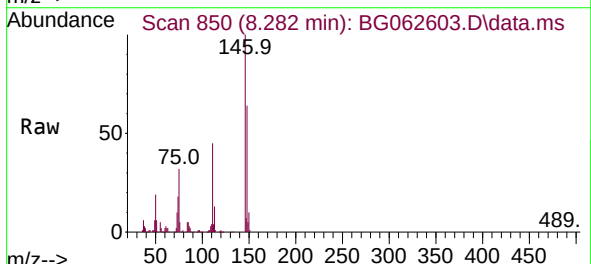
Instrument :
BNA_G
ClientSampleId :
P-5-COMPOSITEMSD

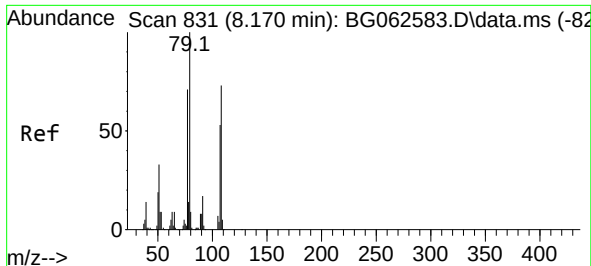
Tgt Ion:146 Resp: 268622
Ion Ratio Lower Upper
146 100
148 69.2 55.0 82.4
111 42.4 34.8 52.2



#14
1,2-Dichlorobenzene
Concen: 44.980 ng
RT: 8.282 min Scan# 850
Delta R.T. -0.005 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

Tgt Ion:146 Resp: 264437
Ion Ratio Lower Upper
146 100
148 64.0 52.6 79.0
111 45.1 35.6 53.4

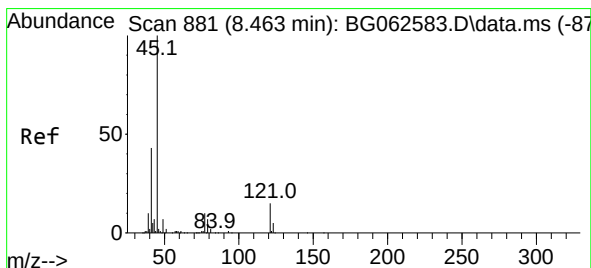
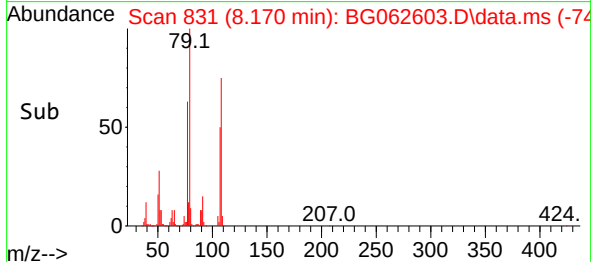
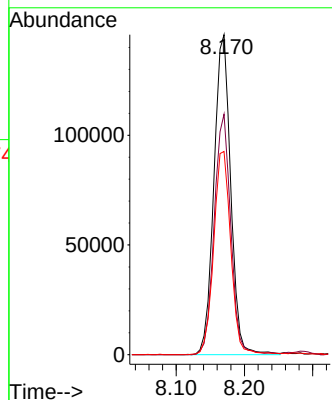
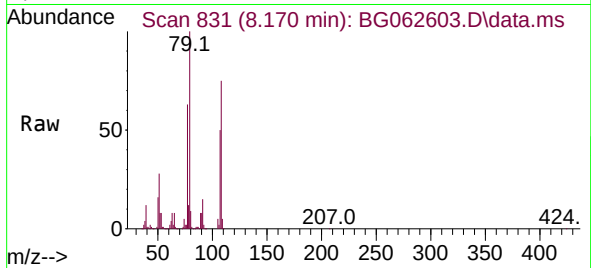




#15
Benzyl Alcohol
Concen: 53.885 ng
RT: 8.170 min Scan# 811
Delta R.T. 0.000 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

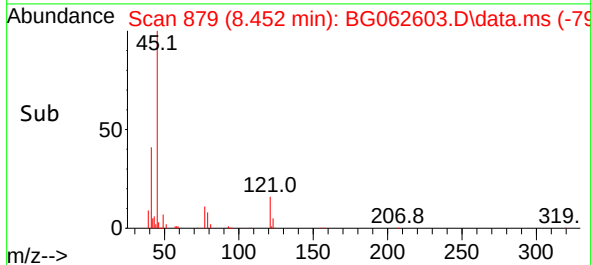
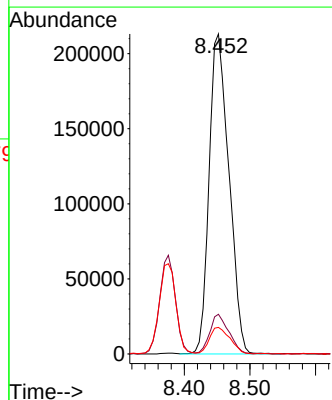
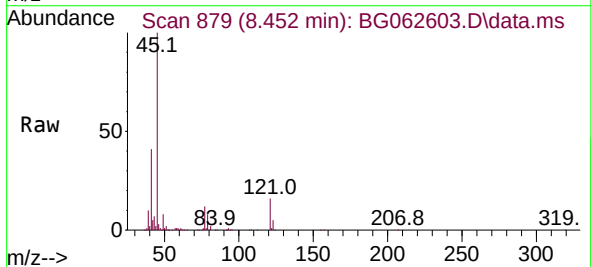
Instrument :
BNA_G
ClientSampleId :
P-5-COMPOSITEMSD

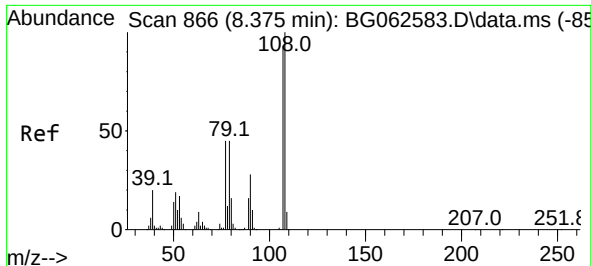
Tgt Ion: 79 Resp: 249749
Ion Ratio Lower Upper
79 100
108 75.1 58.2 87.2
77 63.5 56.5 84.7



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.950 ng
RT: 8.452 min Scan# 879
Delta R.T. -0.011 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

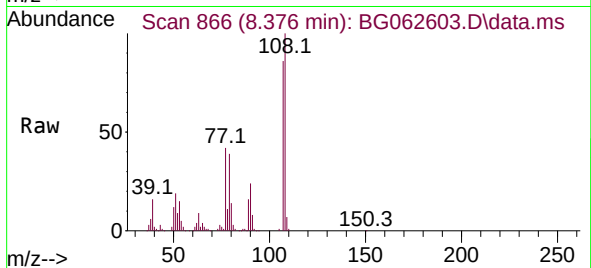
Tgt Ion: 45 Resp: 447665
Ion Ratio Lower Upper
45 100
77 12.4 0.0 31.2
79 8.3 0.0 28.2



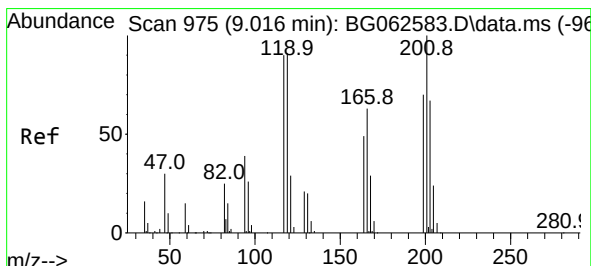
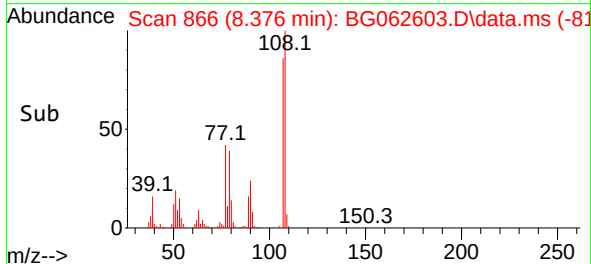
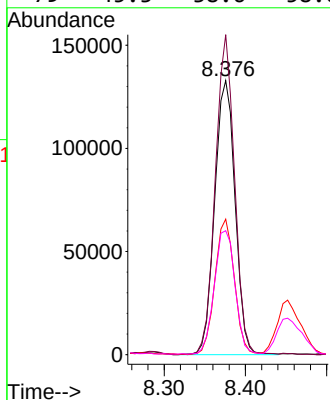


#17
2-Methylphenol
Concen: 50.296 ng
RT: 8.376 min Scan# 866
Delta R.T. 0.000 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

Instrument :
BNA_G
ClientSampleId :
P-5-COMPOSITEMSD

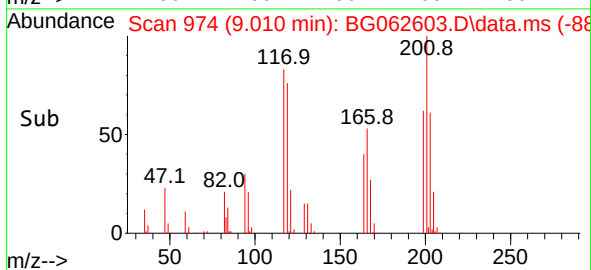
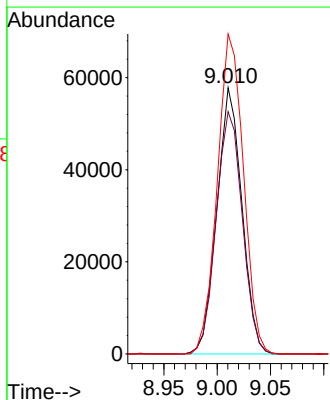
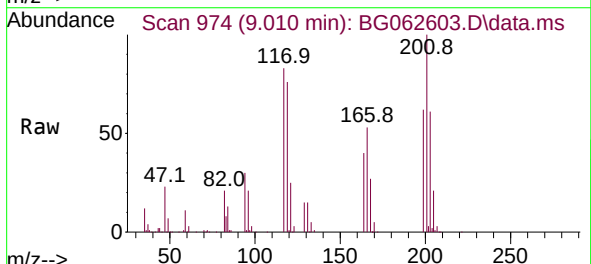


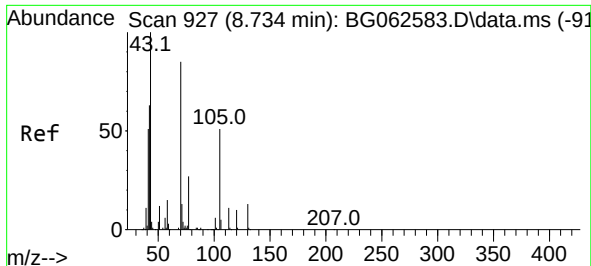
Tgt Ion:	107	Resp:	232119
Ion	Ratio	Lower	Upper
107	100		
108	116.8	85.6	128.4
77	49.5	38.6	58.0
79	45.3	38.6	58.0



#18
Hexachloroethane
Concen: 47.102 ng
RT: 9.010 min Scan# 974
Delta R.T. -0.005 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

Tgt Ion:	117	Resp:	94420
Ion	Ratio	Lower	Upper
117	100		
119	91.0	81.6	122.4
201	120.2	89.4	134.0





#19

n-Nitroso-di-n-propylamine

Concen: 48.074 ng

RT: 8.734 min Scan# 91

Delta R.T. 0.000 min

Lab File: BG062603.D

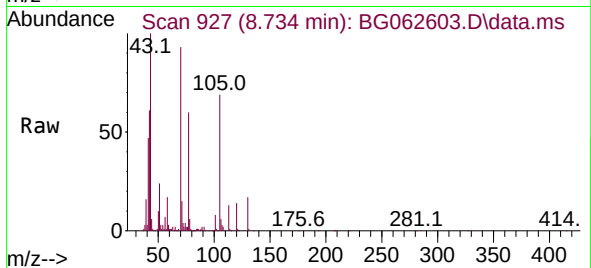
Acq: 28 Aug 2024 20:04

Instrument :

BNA_G

ClientSampleId :

P-5-COMPOSITEMSD



Tgt Ion: 70 Resp: 214335

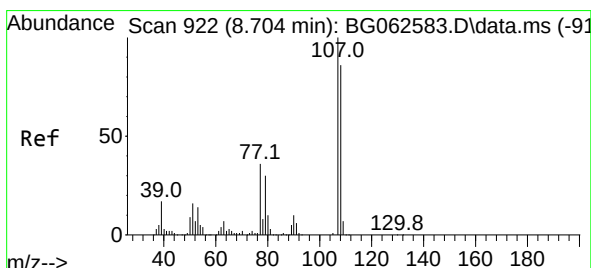
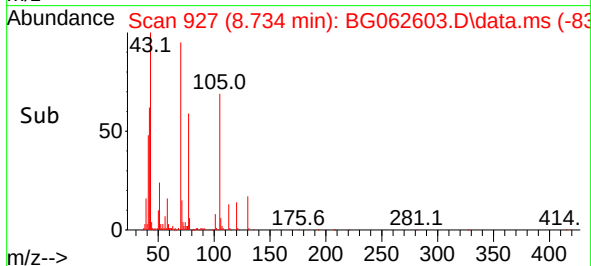
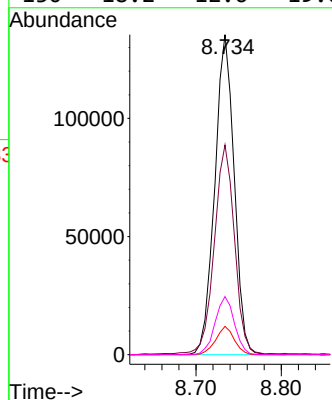
Ion Ratio Lower Upper

70 100

42 65.6 60.0 90.0

101 8.8 6.1 9.1

130 18.2 12.6 19.0



#20

3+4-Methylphenols

Concen: 49.988 ng

RT: 8.699 min Scan# 921

Delta R.T. -0.005 min

Lab File: BG062603.D

Acq: 28 Aug 2024 20:04

Tgt Ion: 107 Resp: 315463

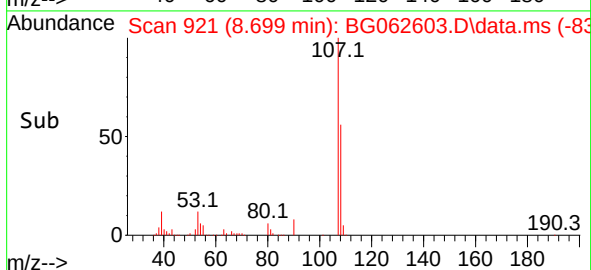
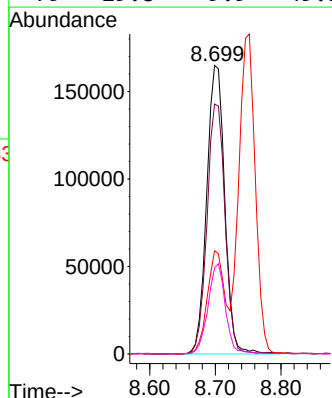
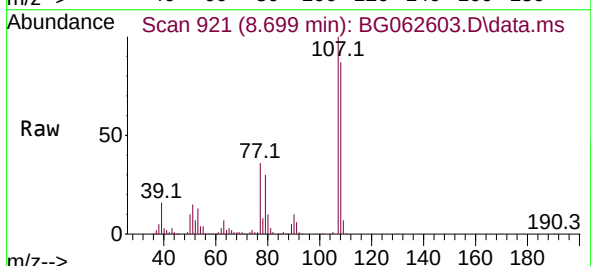
Ion Ratio Lower Upper

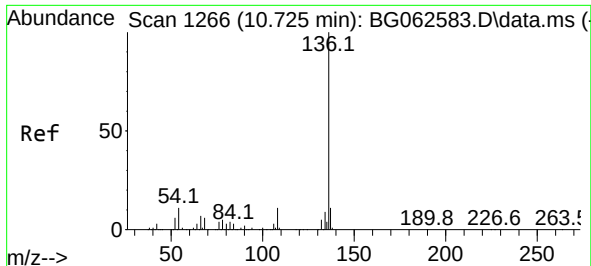
107 100

108 86.6 66.0 106.0

77 35.8 16.1 56.1

79 29.8 9.9 49.9

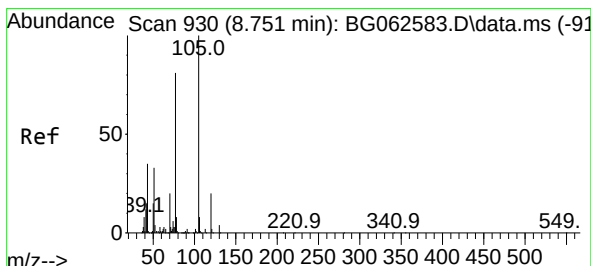
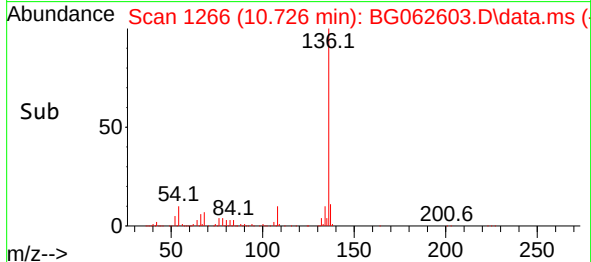
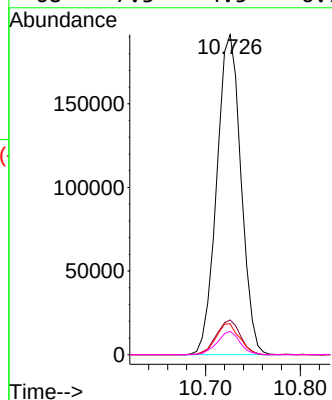
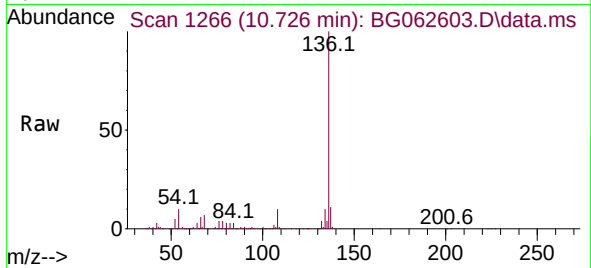




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

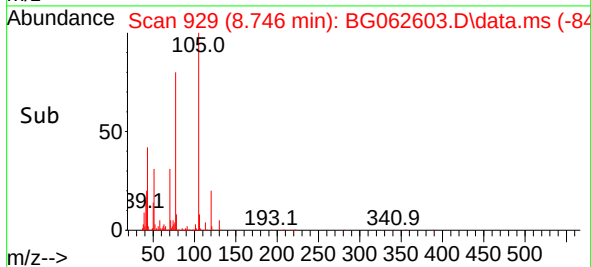
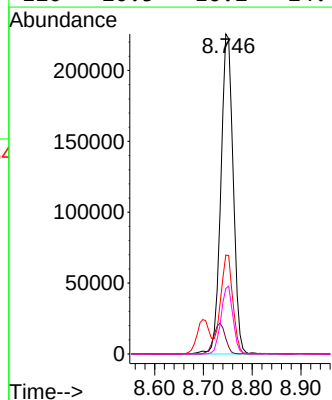
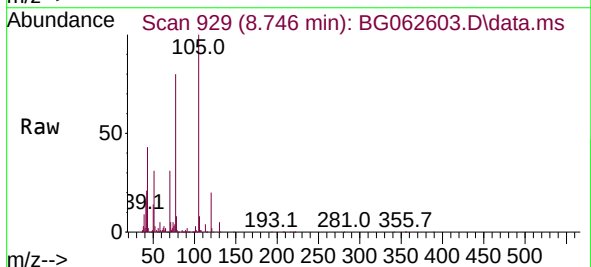
Instrument :
BNA_G
ClientSampleId :
P-5-COMPOSITEMSD

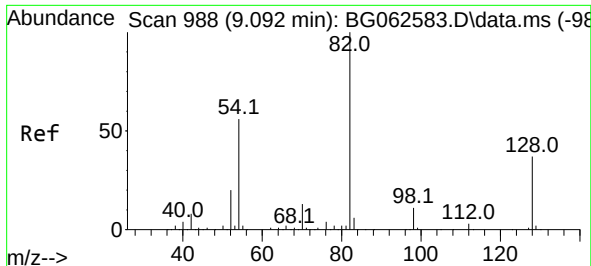
Tgt Ion:	136	Resp:	340005
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	9.7	9.0	13.4
68	7.3	4.5	6.7#



#22
Acetophenone
Concen: 46.889 ng
RT: 8.746 min Scan# 929
Delta R.T. -0.005 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

Tgt Ion:	105	Resp:	397835
Ion Ratio	Lower	Upper	
105	100		
71	4.9	2.5	3.7#
51	30.9	26.6	40.0
120	20.5	16.2	24.4





#23

Nitrobenzene-d5

Concen: 61.553 ng

RT: 9.087 min Scan# 91

Delta R.T. -0.005 min

Lab File: BG062603.D

Acq: 28 Aug 2024 20:04

Instrument :

BNA_G

ClientSampleId :

P-5-COMPOSITEMSD

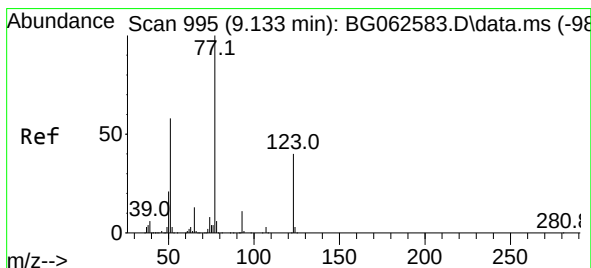
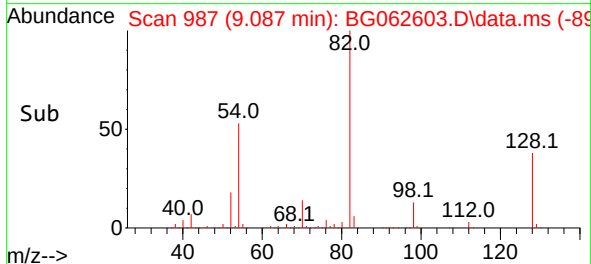
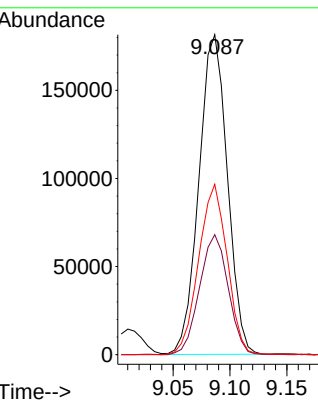
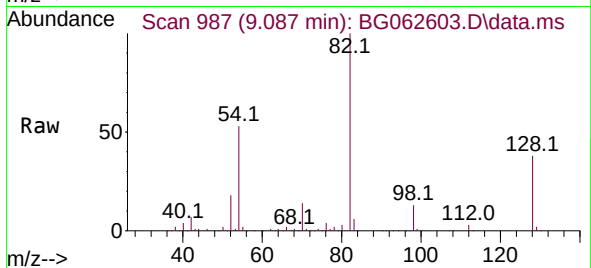
Tgt Ion: 82 Resp: 315343

Ion Ratio Lower Upper

82 100

128 37.5 29.7 44.5

54 53.2 44.4 66.6



#24

Nitrobenzene

Concen: 51.648 ng

RT: 9.128 min Scan# 994

Delta R.T. -0.005 min

Lab File: BG062603.D

Acq: 28 Aug 2024 20:04

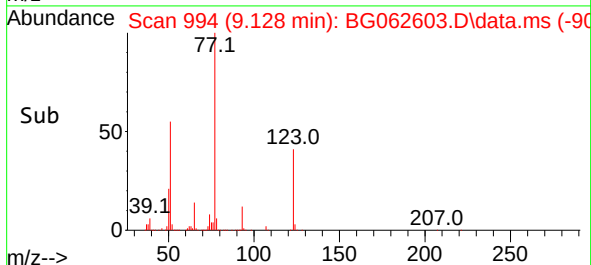
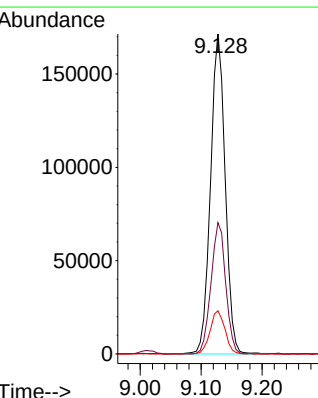
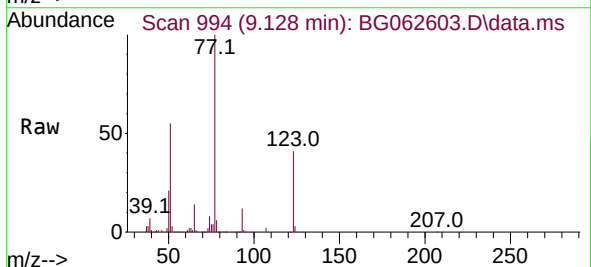
Tgt Ion: 77 Resp: 286539

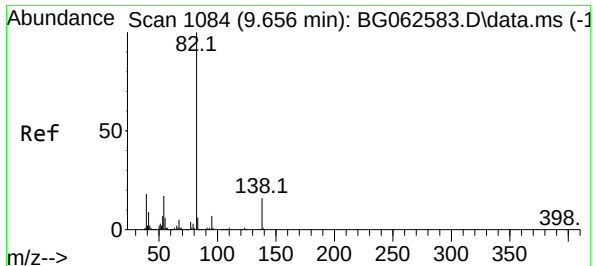
Ion Ratio Lower Upper

77 100

123 41.1 32.0 48.0

65 13.5 10.6 15.8

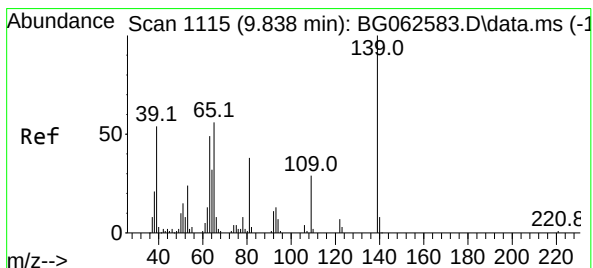
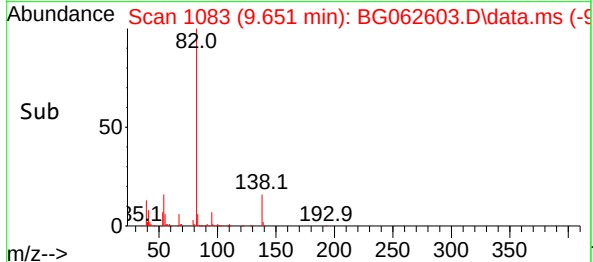
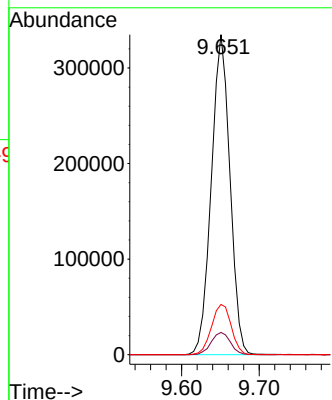
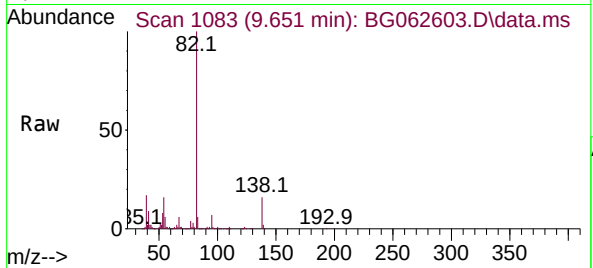




#25
Isophorone
Concen: 44.892 ng
RT: 9.651 min Scan# 1083
Delta R.T. -0.005 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

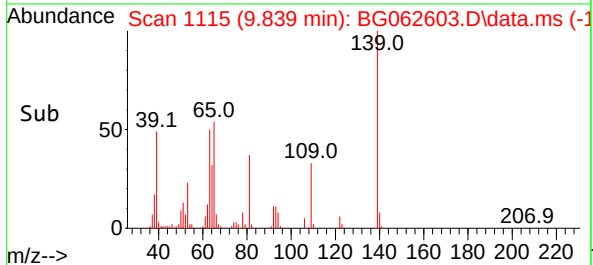
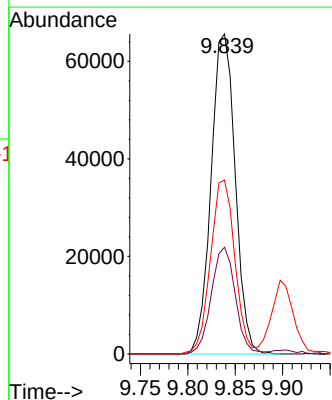
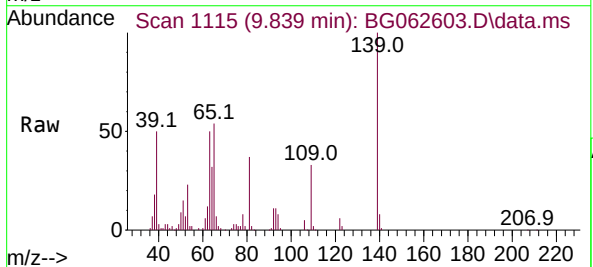
Instrument :
BNA_G
ClientSampleId :
P-5-COMPOSITEMSD

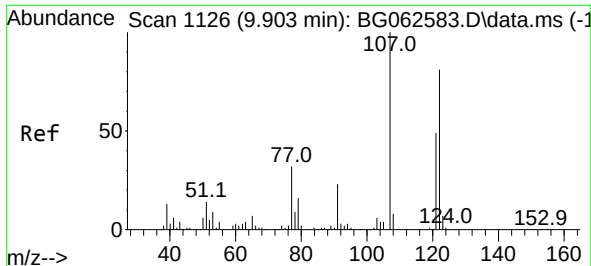
Tgt Ion: 82 Resp: 557881
Ion Ratio Lower Upper
82 100
95 6.9 5.2 7.8
138 15.7 13.0 19.4



#26
2-Nitrophenol
Concen: 60.688 ng
RT: 9.839 min Scan# 1115
Delta R.T. 0.001 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

Tgt Ion:139 Resp: 116094
Ion Ratio Lower Upper
139 100
109 33.3 23.1 34.7
65 54.4 44.6 67.0

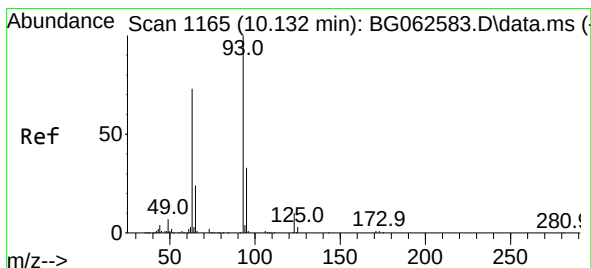
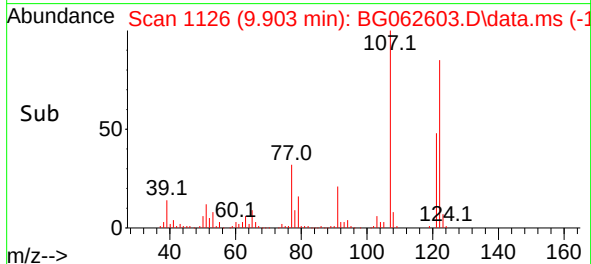
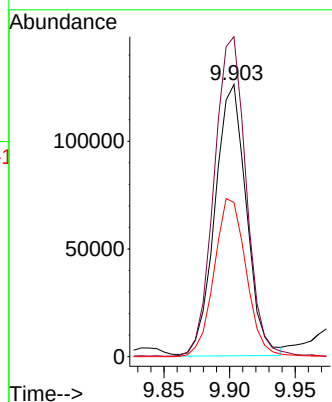
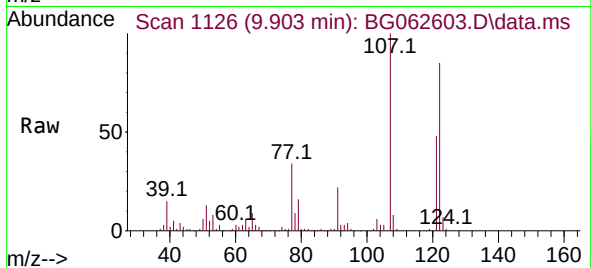




#27
2,4-Dimethylphenol
Concen: 64.580 ng
RT: 9.903 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

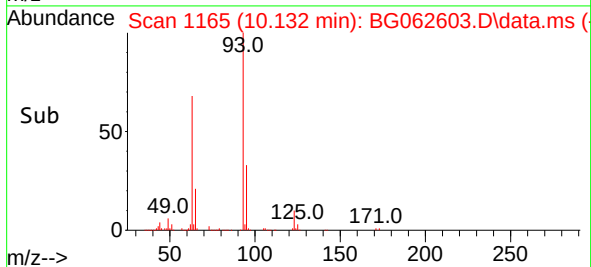
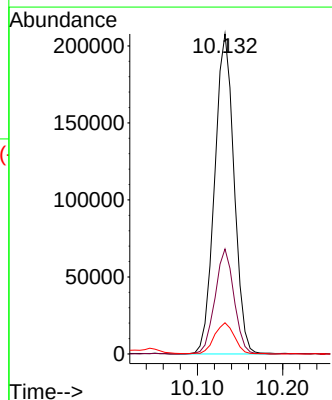
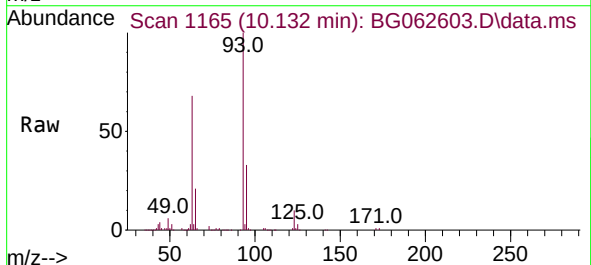
Instrument :
BNA_G
ClientSampleId :
P-5-COMPOSITEMSD

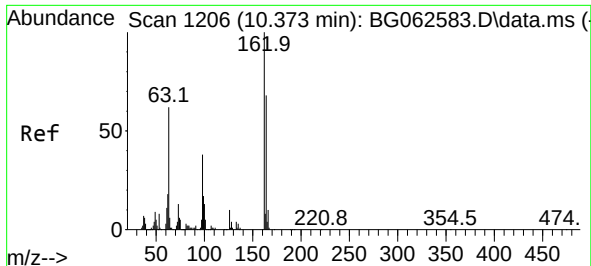
Tgt Ion:122 Resp: 209739
Ion Ratio Lower Upper
122 100
107 117.6 98.0 147.0
121 56.7 48.2 72.4



#28
bis(2-Chloroethoxy)methane
Concen: 45.683 ng
RT: 10.132 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

Tgt Ion: 93 Resp: 329065
Ion Ratio Lower Upper
93 100
95 32.8 26.6 39.8
123 9.8 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 55.576 ng

RT: 10.373 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BG062603.D

Acq: 28 Aug 2024 20:04

Instrument :

BNA_G

ClientSampleId :

P-5-COMPOSITEMSD

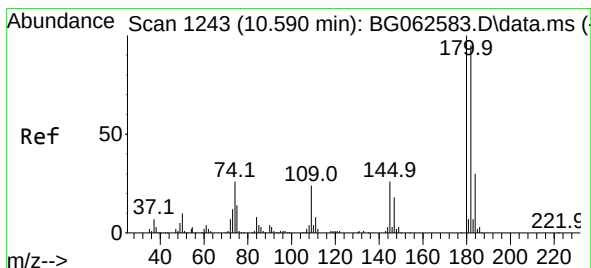
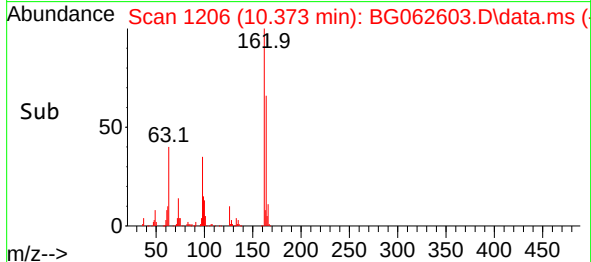
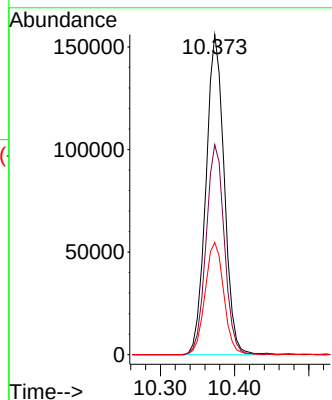
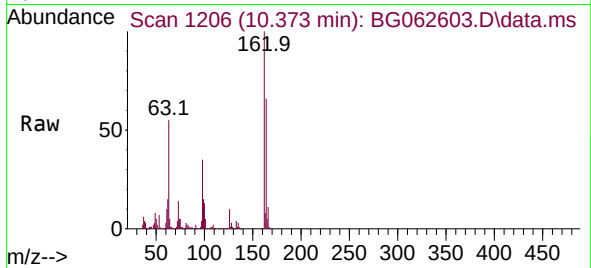
Tgt Ion:162 Resp: 267217

Ion Ratio Lower Upper

162 100

164 65.6 47.5 87.5

98 35.1 17.6 57.6



#30

1,2,4-Trichlorobenzene

Concen: 48.616 ng

RT: 10.591 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BG062603.D

Acq: 28 Aug 2024 20:04

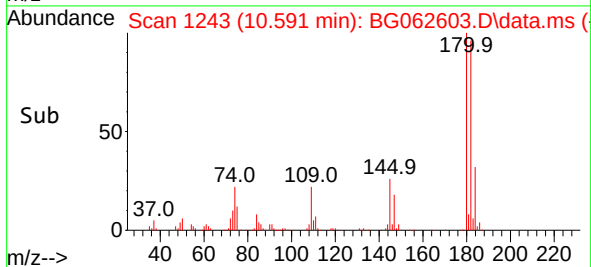
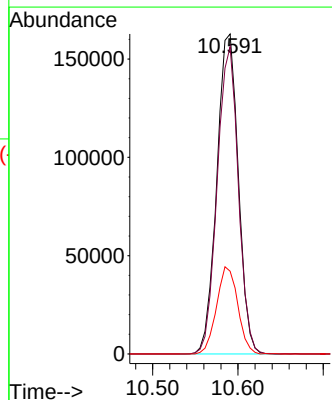
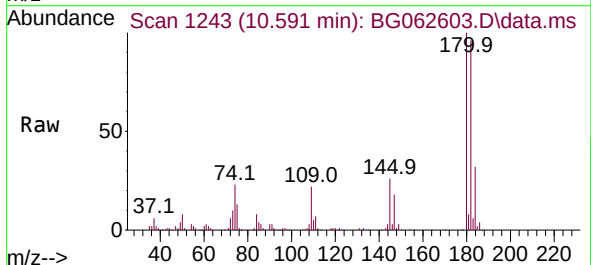
Tgt Ion:180 Resp: 285551

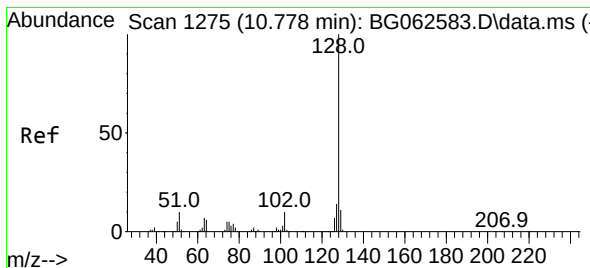
Ion Ratio Lower Upper

180 100

182 96.0 75.6 113.4

145 25.8 21.1 31.7

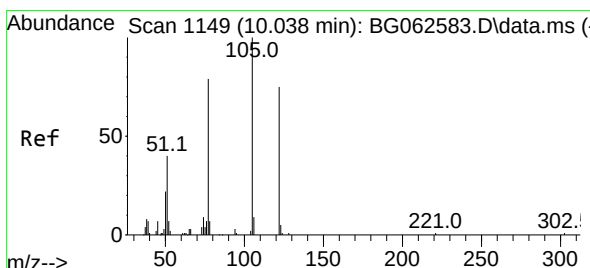
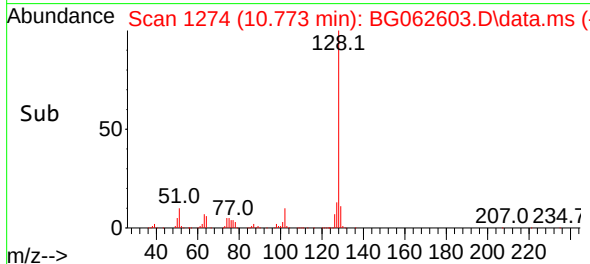
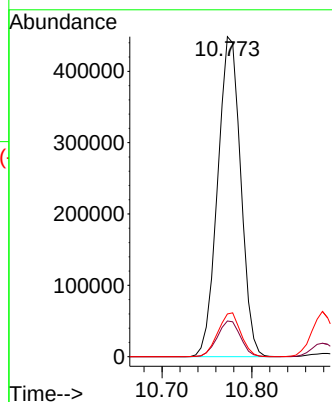
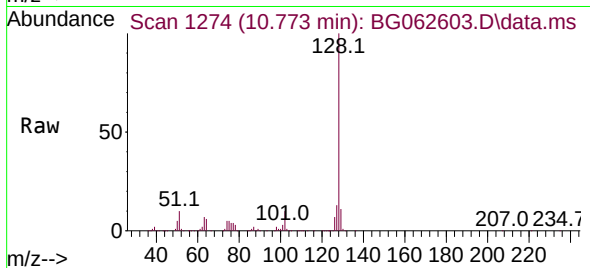




#31
Naphthalene
Concen: 47.096 ng
RT: 10.773 min Scan# 1150
Delta R.T. -0.005 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

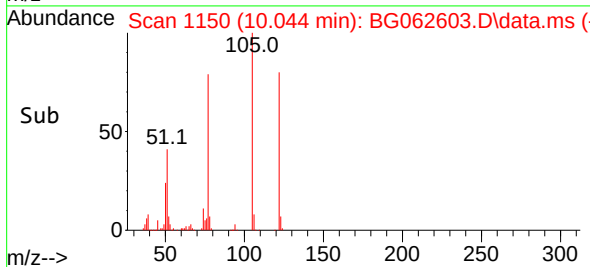
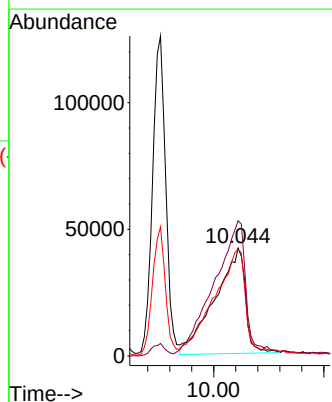
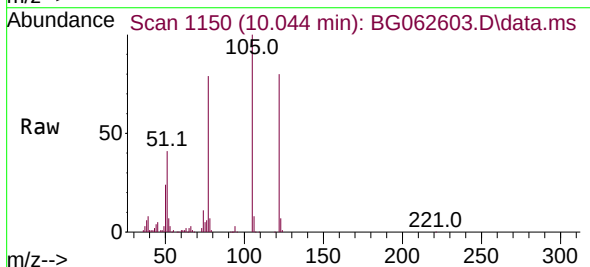
Instrument :
BNA_G
ClientSampleId :
P-5-COMPOSITEMSD

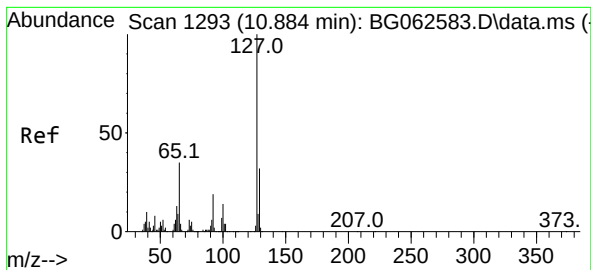
Tgt Ion:128 Resp: 799268
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 13.3 11.0 16.6



#32
Benzoic acid
Concen: 59.619 ng
RT: 10.044 min Scan# 1150
Delta R.T. 0.006 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

Tgt Ion:122 Resp: 160170
Ion Ratio Lower Upper
122 100
105 125.3 104.4 144.4
77 99.1 81.4 121.4

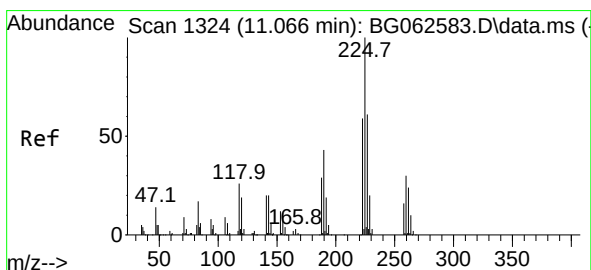
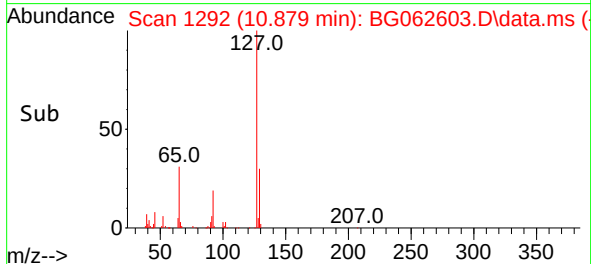
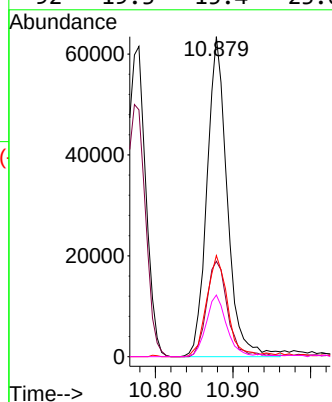
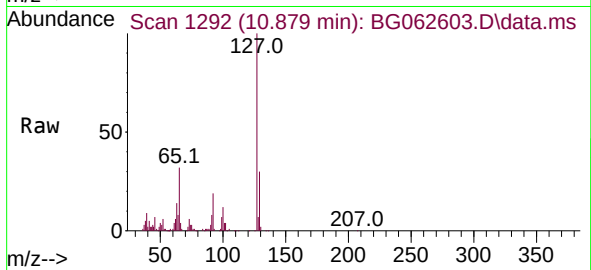




#33
4-Chloroaniline
Concen: 18.691 ng
RT: 10.879 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

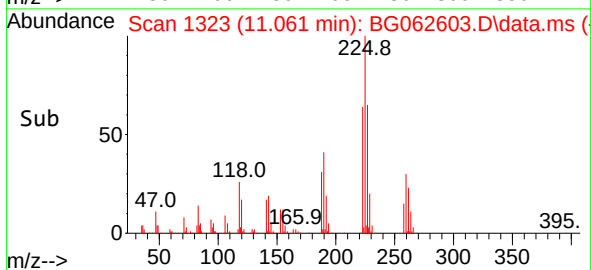
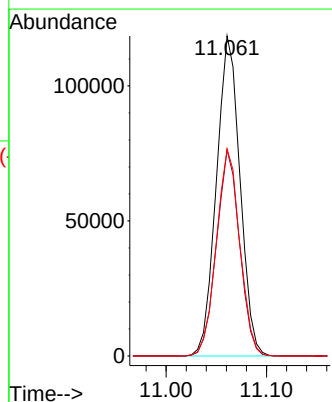
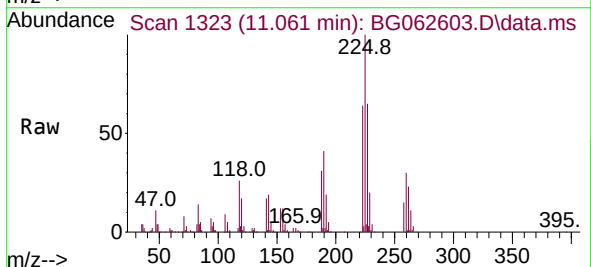
Instrument :
BNA_G
ClientSampleId :
P-5-COMPOSITEMSD

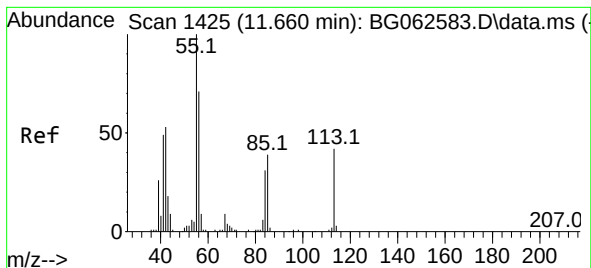
Tgt Ion:	127	Resp:	115231
Ion	Ratio	Lower	Upper
127	100		
129	29.8	25.8	38.6
65	31.6	27.7	41.5
92	19.3	15.4	23.0



#34
Hexachlorobutadiene
Concen: 50.338 ng
RT: 11.061 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

Tgt Ion:	225	Resp:	192890
Ion	Ratio	Lower	Upper
225	100		
223	67.4	47.4	71.0
227	64.7	48.6	72.8

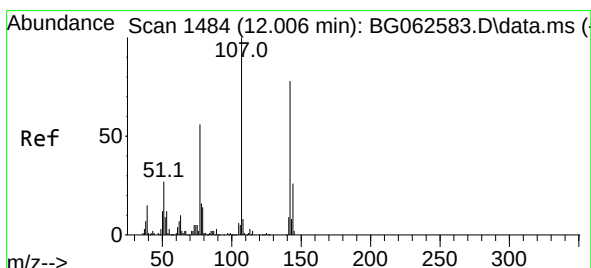
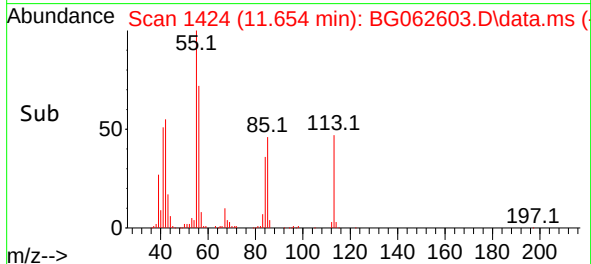
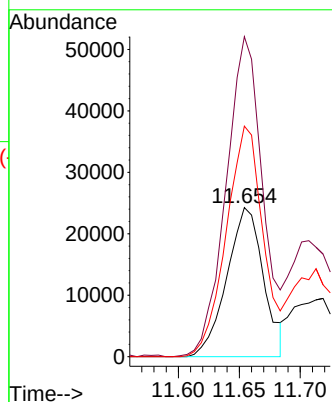
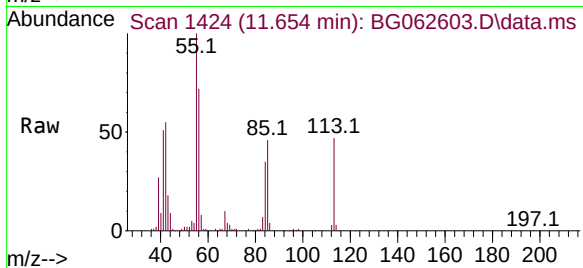




#35
 Caprolactam
 Concen: 39.062 ng
 RT: 11.654 min Scan# 1424
 Delta R.T. -0.005 min
 Lab File: BG062603.D
 Acq: 28 Aug 2024 20:04

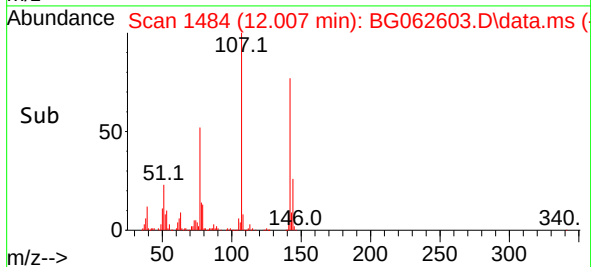
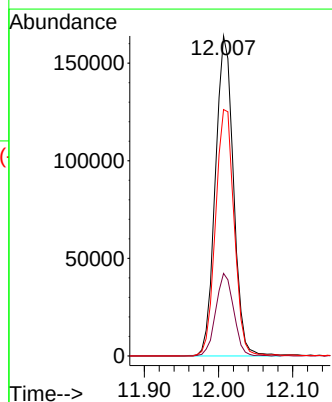
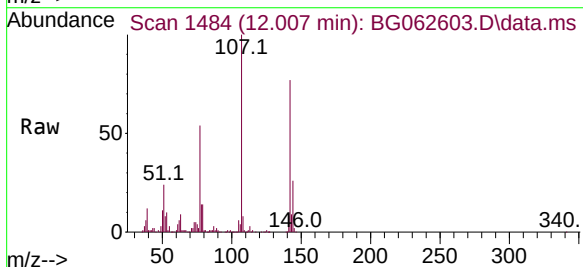
Instrument :
 BNA_G
 ClientSampleId :
 P-5-COMPOSITEMSD

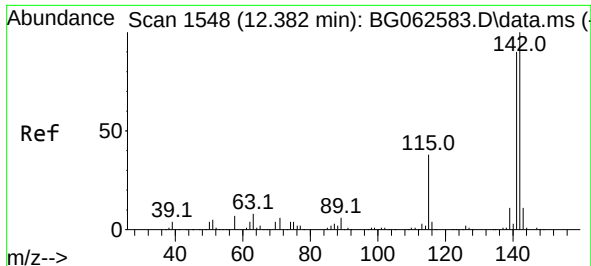
Tgt Ion:113 Resp: 50610
 Ion Ratio Lower Upper
 113 100
 55 214.5 220.5 260.5#
 56 154.5 151.4 191.4



#36
 4-Chloro-3-methylphenol
 Concen: 53.352 ng
 RT: 12.007 min Scan# 1484
 Delta R.T. 0.000 min
 Lab File: BG062603.D
 Acq: 28 Aug 2024 20:04

Tgt Ion:107 Resp: 277950
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.8 31.2
 142 77.0 62.5 93.7

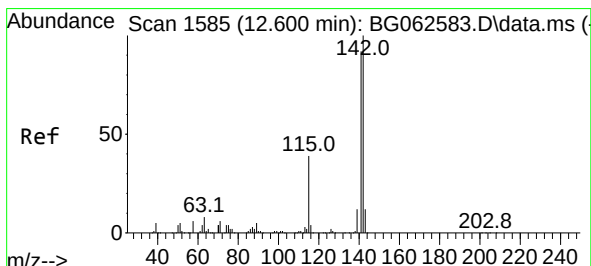
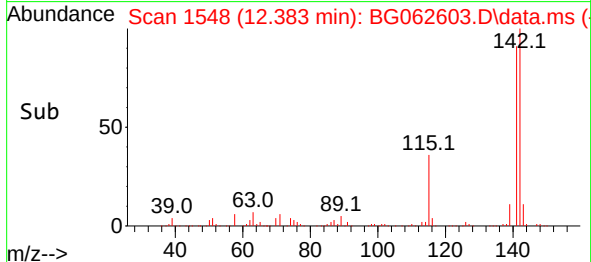
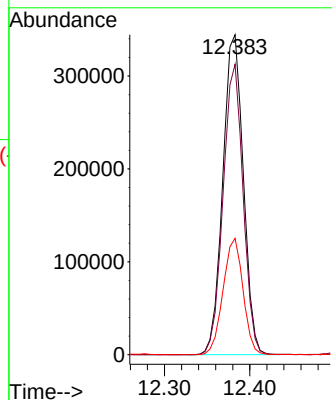
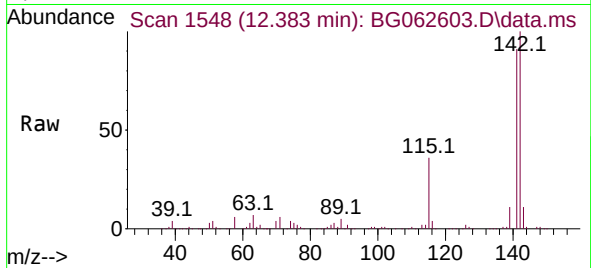




#37
2-Methylnaphthalene
Concen: 50.390 ng
RT: 12.383 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

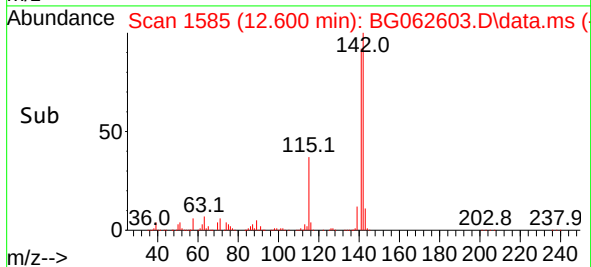
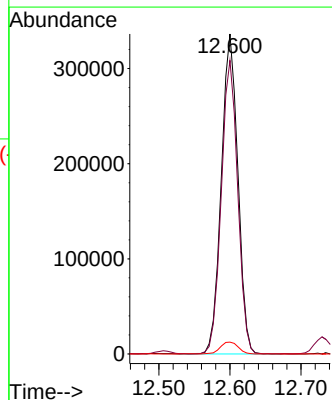
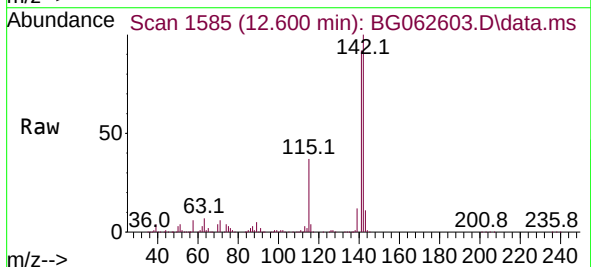
Instrument :
BNA_G
ClientSampleId :
P-5-COMPOSITEMSD

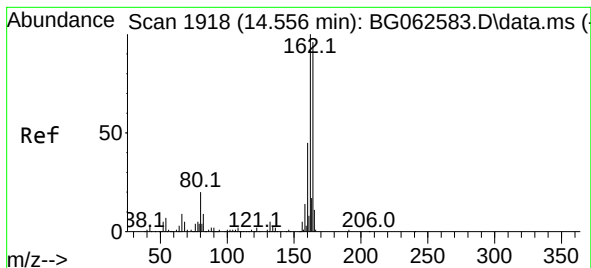
Tgt Ion:142 Resp: 576186
Ion Ratio Lower Upper
142 100
141 90.7 71.8 107.6
115 36.3 30.6 46.0



#38
1-Methylnaphthalene
Concen: 47.391 ng
RT: 12.600 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

Tgt Ion:142 Resp: 542214
Ion Ratio Lower Upper
142 100
141 91.7 73.6 110.4
116 3.7 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG062603.D

Acq: 28 Aug 2024 20:04

Instrument :

BNA_G

ClientSampleId :

P-5-COMPOSITEMSD

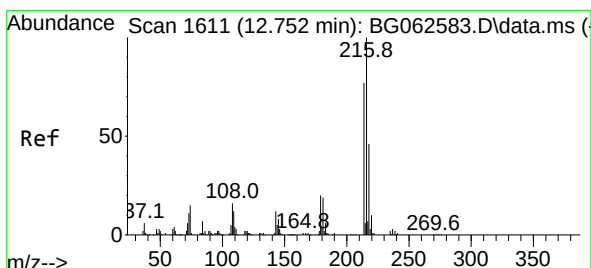
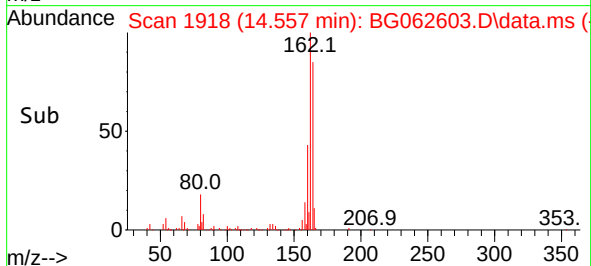
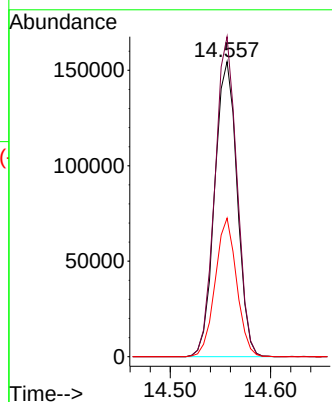
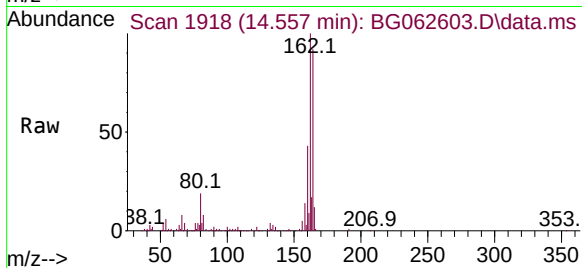
Tgt Ion:164 Resp: 240506

Ion Ratio Lower Upper

164 100

162 108.4 83.0 124.6

160 47.0 37.7 56.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.365 ng

RT: 12.747 min Scan# 1610

Delta R.T. -0.005 min

Lab File: BG062603.D

Acq: 28 Aug 2024 20:04

Tgt Ion:216 Resp: 358699

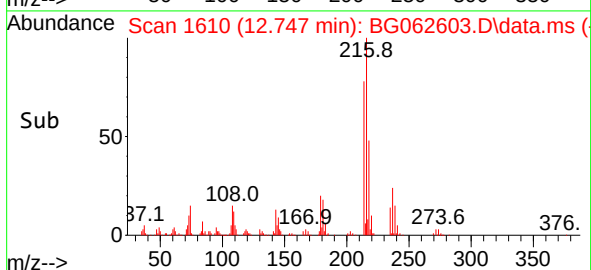
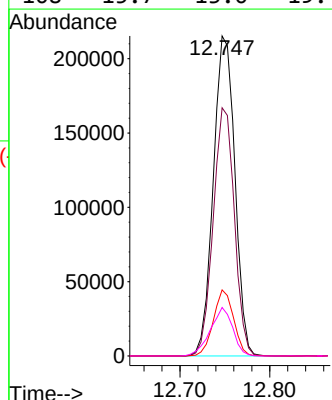
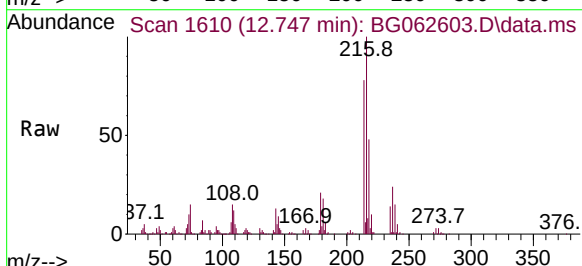
Ion Ratio Lower Upper

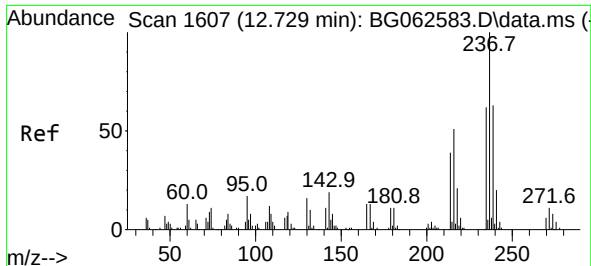
216 100

214 76.2 60.9 91.3

179 19.3 16.0 24.0

108 15.7 13.0 19.4

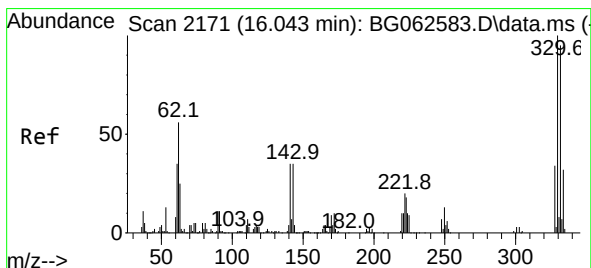
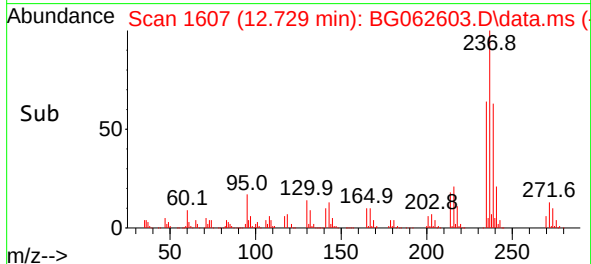
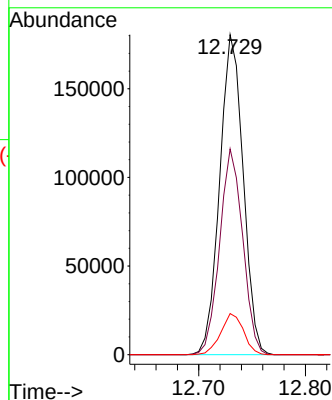
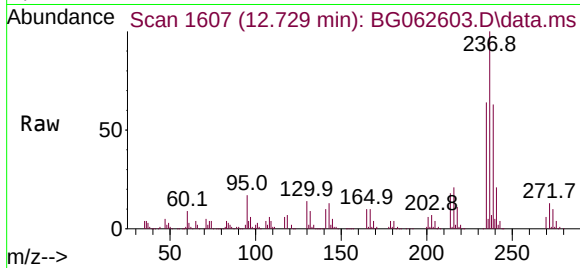




#41
Hexachlorocyclopentadiene
Concen: 160.236 ng
RT: 12.729 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

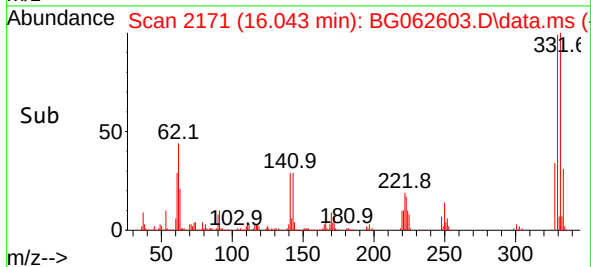
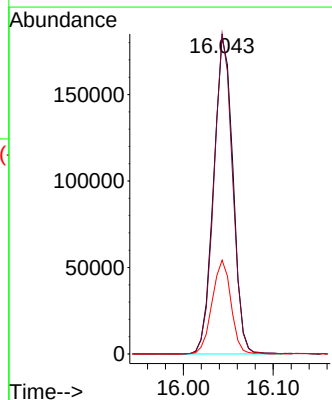
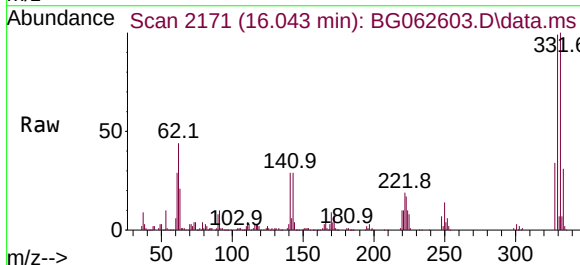
Instrument :
BNA_G
ClientSampleId :
P-5-COMPOSITEMSD

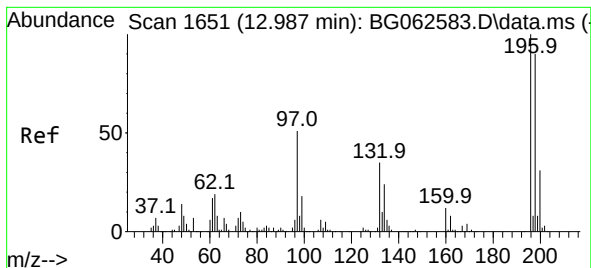
Tgt Ion:237 Resp: 275969
Ion Ratio Lower Upper
237 100
235 64.3 41.8 81.8
272 12.8 0.0 31.4



#42
2,4,6-Tribromophenol
Concen: 103.013 ng
RT: 16.043 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

Tgt Ion:330 Resp: 273678
Ion Ratio Lower Upper
330 100
332 97.6 77.6 116.4
141 29.0 26.5 39.7





#43

2,4,6-Trichlorophenol

Concen: 60.513 ng

RT: 12.988 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG062603.D

Acq: 28 Aug 2024 20:04

Instrument :

BNA_G

ClientSampleId :

P-5-COMPOSITEMSD

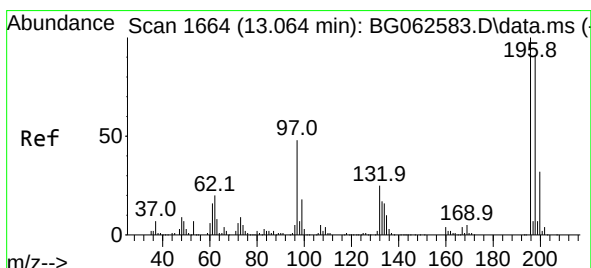
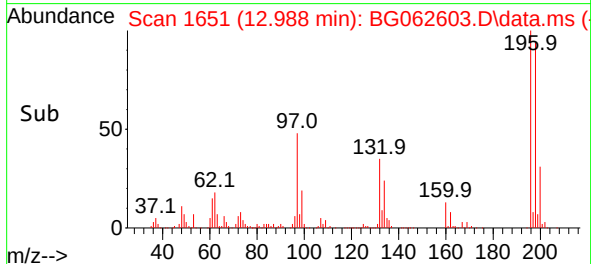
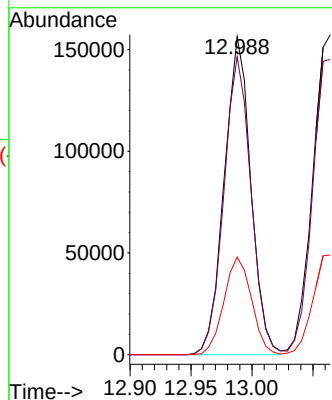
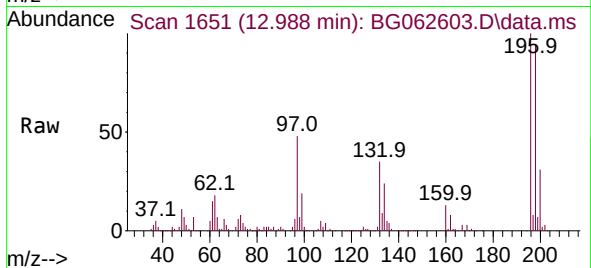
Tgt Ion:196 Resp: 237247

Ion Ratio Lower Upper

196 100

198 93.7 71.8 107.8

200 30.7 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 56.224 ng

RT: 13.064 min Scan# 1664

Delta R.T. 0.000 min

Lab File: BG062603.D

Acq: 28 Aug 2024 20:04

Tgt Ion:196 Resp: 259783

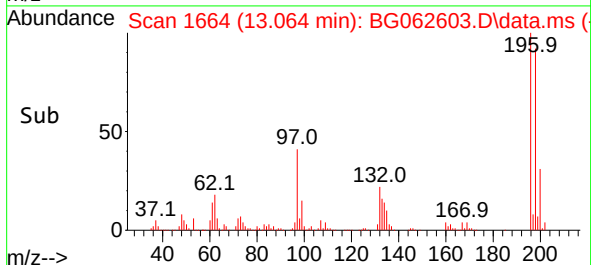
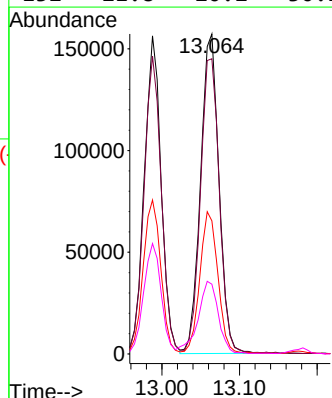
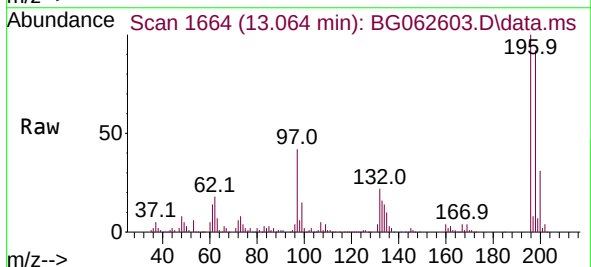
Ion Ratio Lower Upper

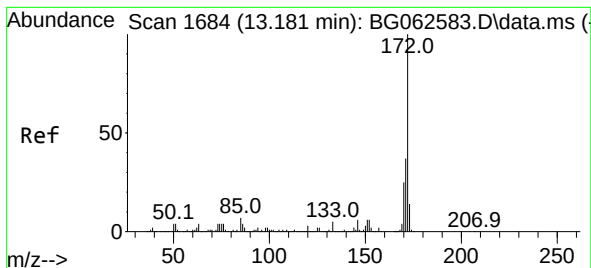
196 100

198 92.3 72.6 108.8

97 41.6 38.7 58.1

132 21.8 20.2 30.2





#45

2-Fluorobiphenyl

Concen: 56.548 ng

RT: 13.176 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG062603.D

Acq: 28 Aug 2024 20:04

Instrument :

BNA_G

ClientSampleId :

P-5-COMPOSITEMSD

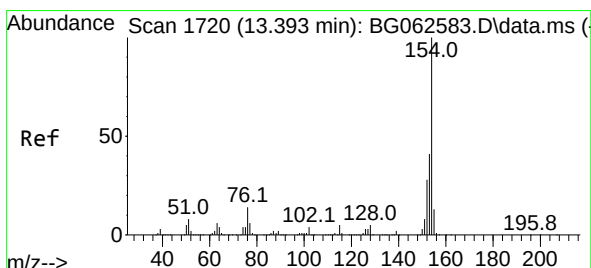
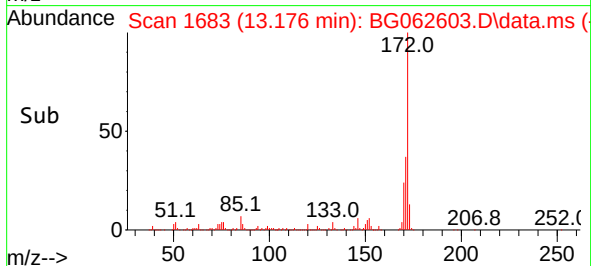
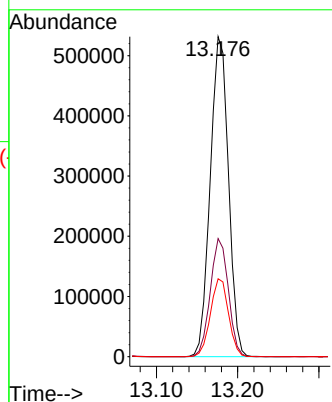
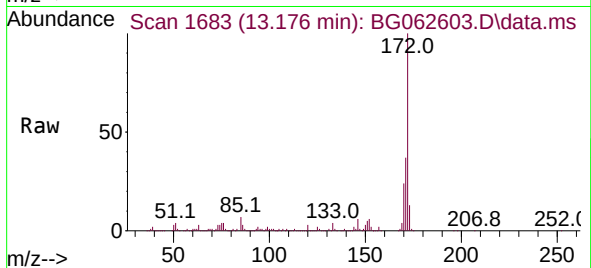
Tgt Ion:172 Resp: 827105

Ion Ratio Lower Upper

172 100

171 36.9 29.7 44.5

170 24.4 20.1 30.1



#46

1,1'-Biphenyl

Concen: 47.302 ng

RT: 13.387 min Scan# 1719

Delta R.T. -0.006 min

Lab File: BG062603.D

Acq: 28 Aug 2024 20:04

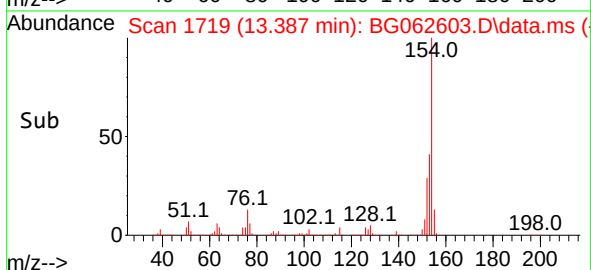
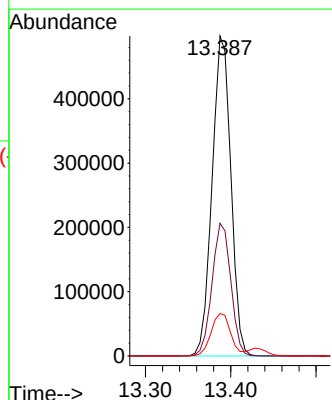
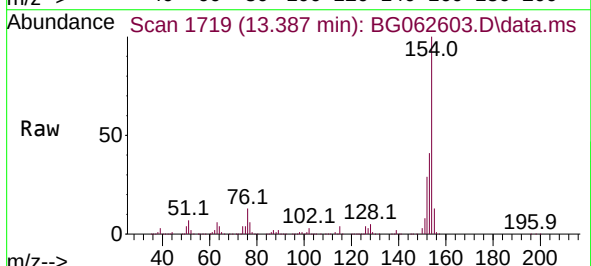
Tgt Ion:154 Resp: 761182

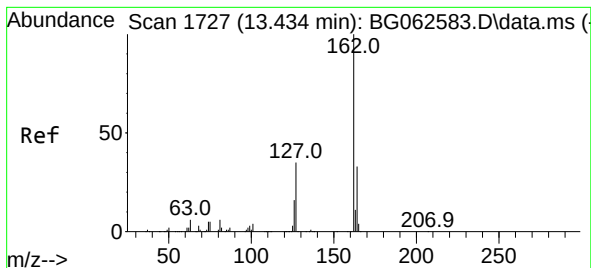
Ion Ratio Lower Upper

154 100

153 41.5 21.1 61.1

76 13.2 0.0 33.5





#47

2-Chloronaphthalene

Concen: 48.825 ng

RT: 13.429 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG062603.D

Acq: 28 Aug 2024 20:04

Instrument :

BNA_G

ClientSampleId :

P-5-COMPOSITEMSD

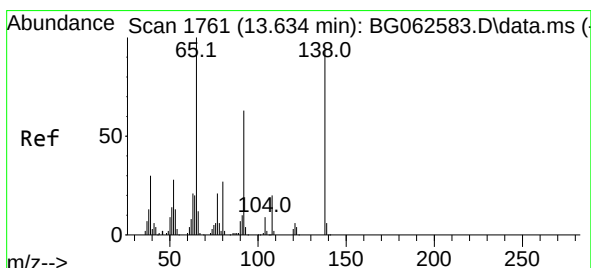
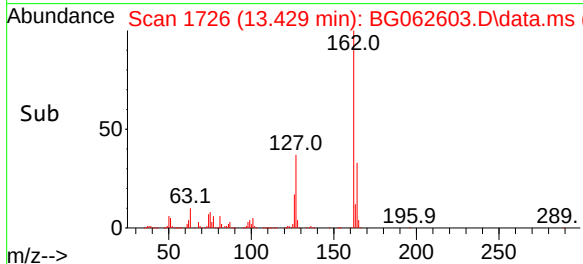
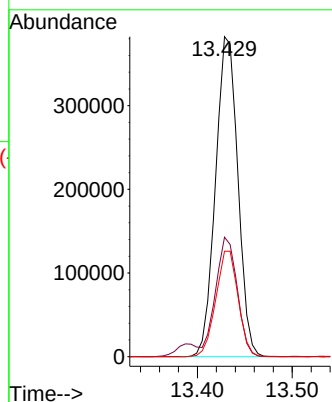
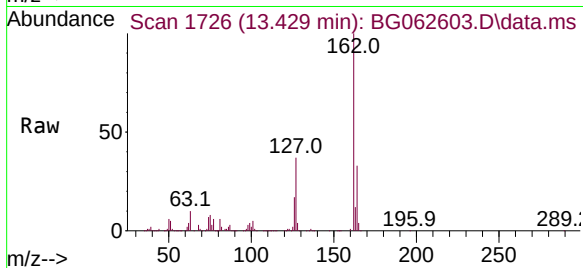
Tgt Ion:162 Resp: 627092

Ion Ratio Lower Upper

162 100

127 37.3 30.0 45.0

164 32.9 26.6 40.0



#48

2-Nitroaniline

Concen: 59.112 ng

RT: 13.628 min Scan# 1760

Delta R.T. -0.006 min

Lab File: BG062603.D

Acq: 28 Aug 2024 20:04

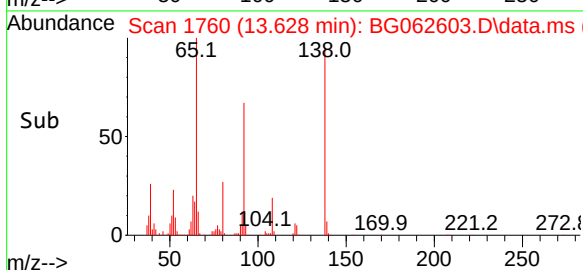
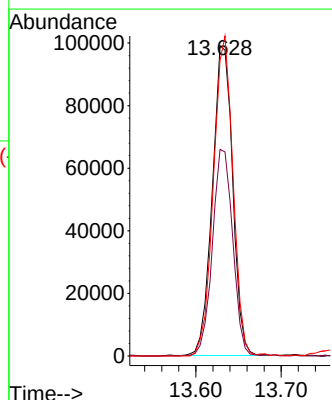
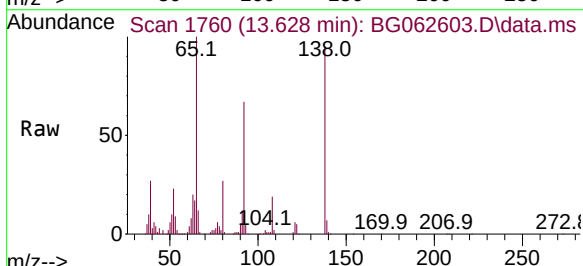
Tgt Ion: 65 Resp: 163289

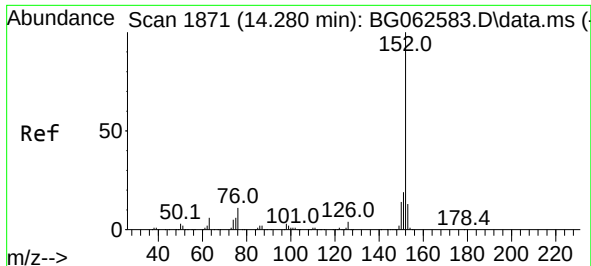
Ion Ratio Lower Upper

65 100

92 66.6 50.6 76.0

138 95.3 75.4 113.2

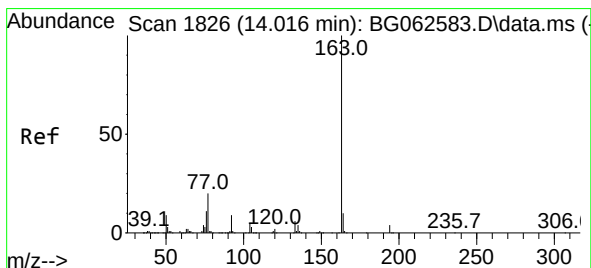
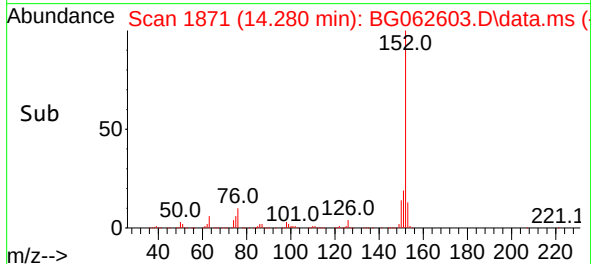
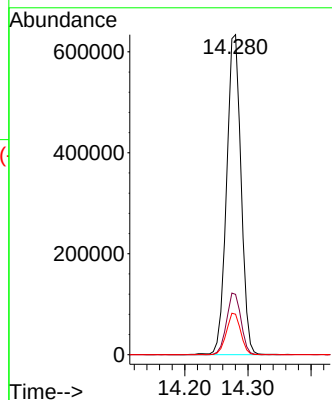
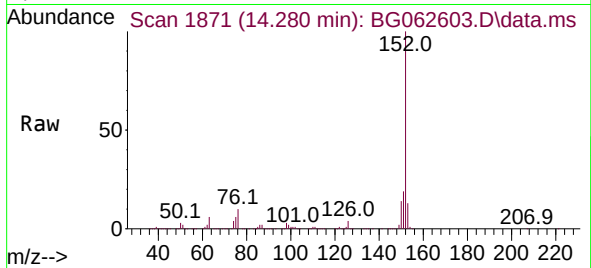




#49
Acenaphthylene
Concen: 51.252 ng
RT: 14.280 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

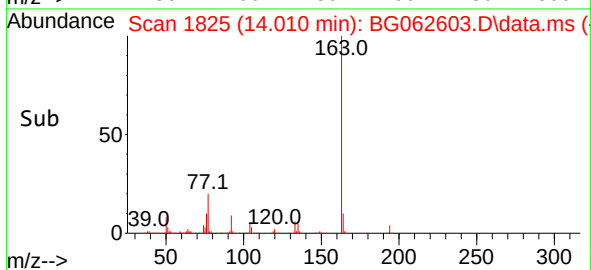
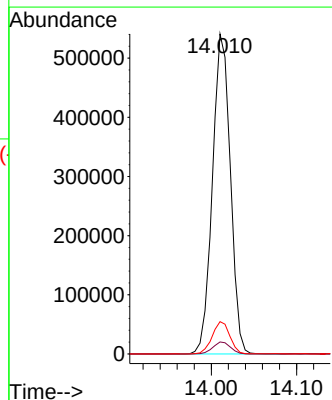
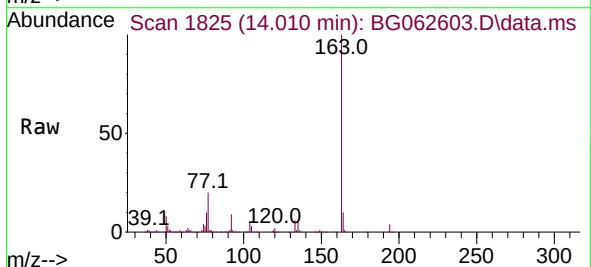
Instrument :
BNA_G
ClientSampleId :
P-5-COMPOSITEMSD

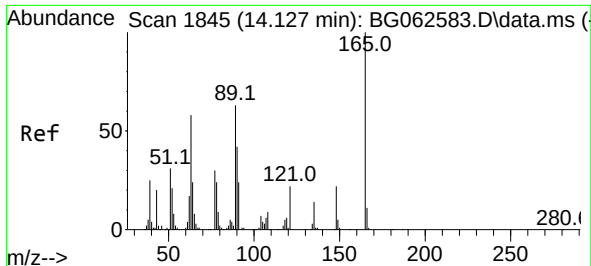
Tgt Ion:152 Resp: 1003515
Ion Ratio Lower Upper
152 100
151 18.8 15.0 22.4
153 12.6 10.3 15.5



#50
Dimethylphthalate
Concen: 50.488 ng
RT: 14.010 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

Tgt Ion:163 Resp: 789051
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 10.1 8.0 12.0

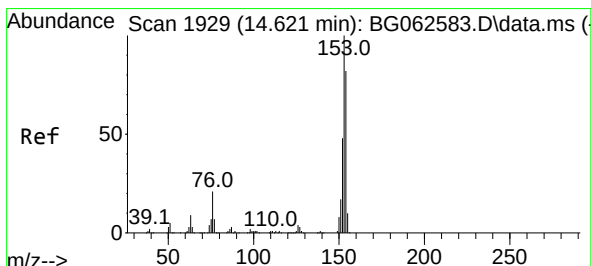
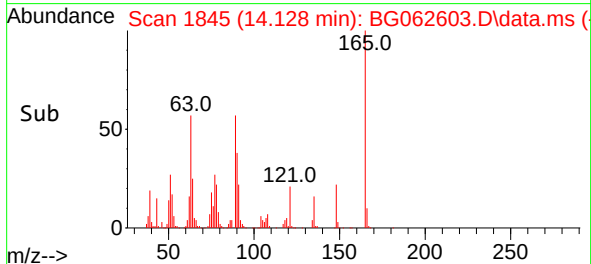
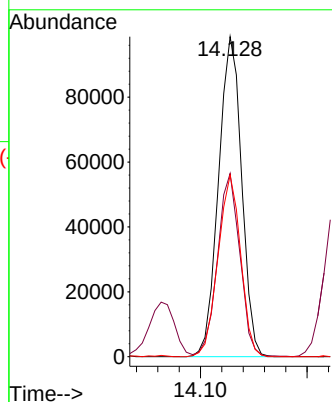
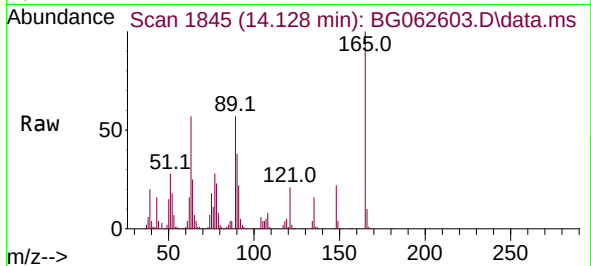




#51
2,6-Dinitrotoluene
Concen: 48.774 ng
RT: 14.128 min Scan# 1845
Delta R.T. 0.001 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

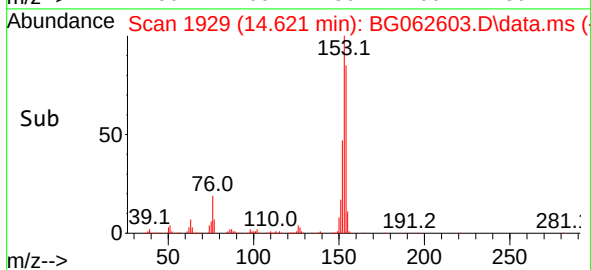
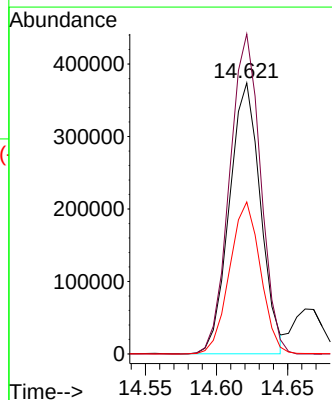
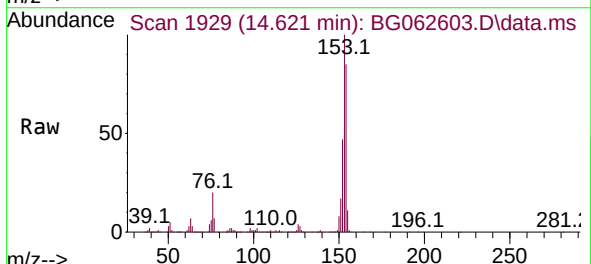
Instrument :
BNA_G
ClientSampleId :
P-5-COMPOSITEMSD

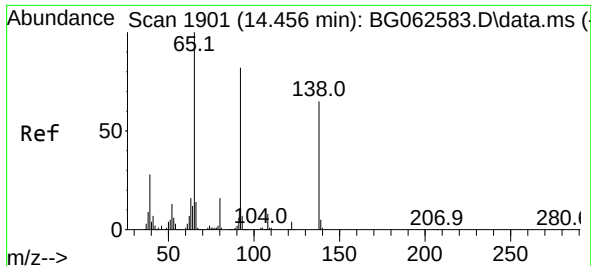
Tgt Ion:165 Resp: 148175
Ion Ratio Lower Upper
165 100
63 57.2 51.0 76.6
89 56.8 50.6 76.0



#52
Acenaphthene
Concen: 47.170 ng
RT: 14.621 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

Tgt Ion:154 Resp: 569823
Ion Ratio Lower Upper
154 100
153 118.1 97.8 146.8
152 56.1 46.8 70.2

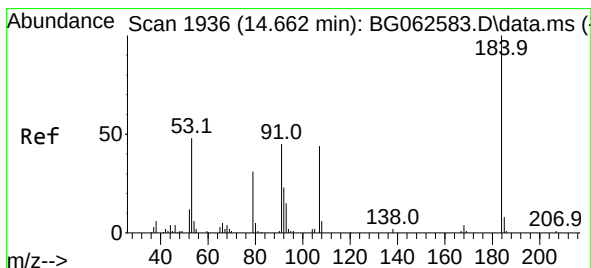
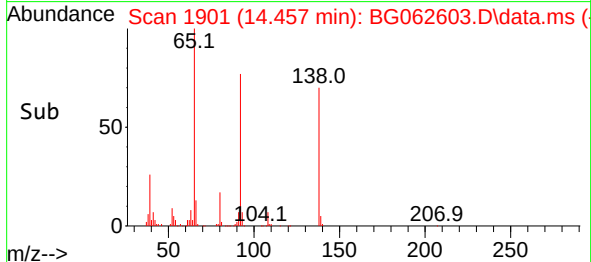
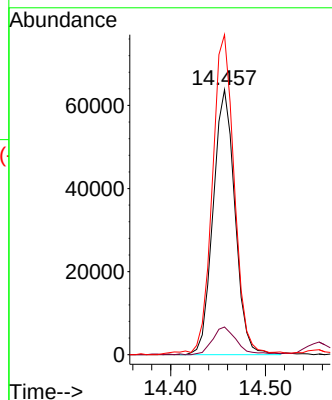
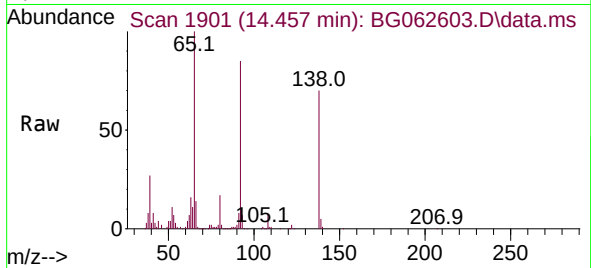




#53
3-Nitroaniline
Concen: 39.266 ng
RT: 14.457 min Scan# 1901
Delta R.T. 0.000 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

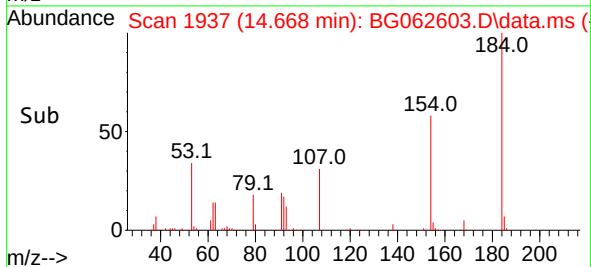
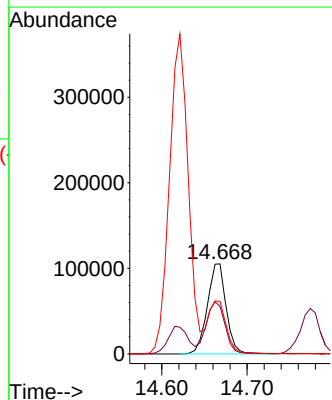
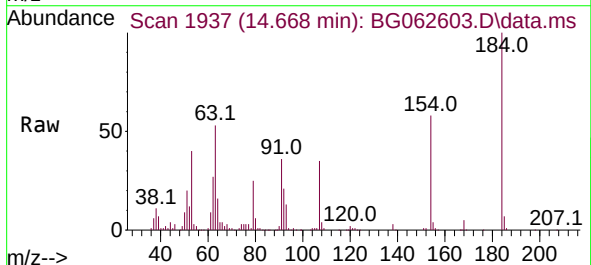
Instrument :
BNA_G
ClientSampleId :
P-5-COMPOSITEMSD

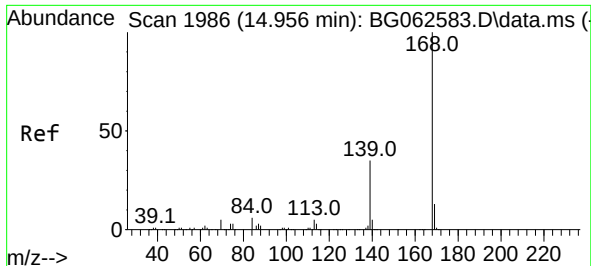
Tgt Ion:138 Resp: 101889
Ion Ratio Lower Upper
138 100
108 10.5 9.4 14.2
92 120.7 101.2 151.8



#54
2,4-Dinitrophenol
Concen: 113.423 ng
RT: 14.668 min Scan# 1937
Delta R.T. 0.006 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

Tgt Ion:184 Resp: 161286
Ion Ratio Lower Upper
184 100
63 52.9 48.6 73.0
154 58.3 50.6 76.0

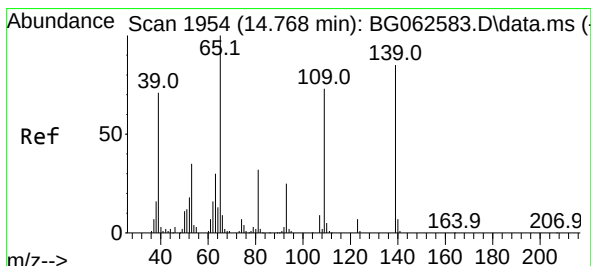
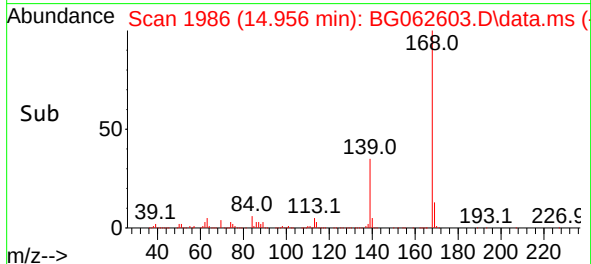
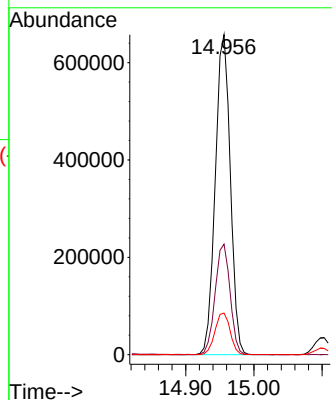
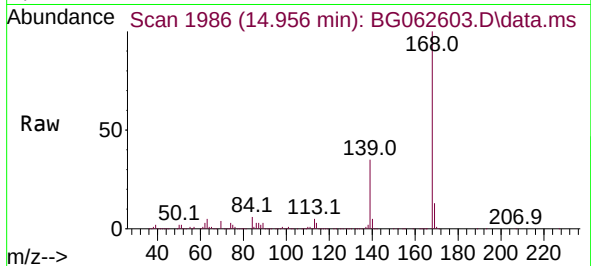




#55
Dibenzofuran
Concen: 48.652 ng
RT: 14.956 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

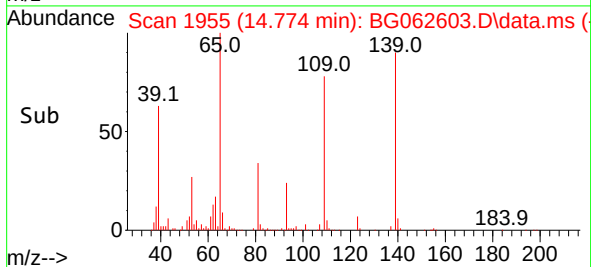
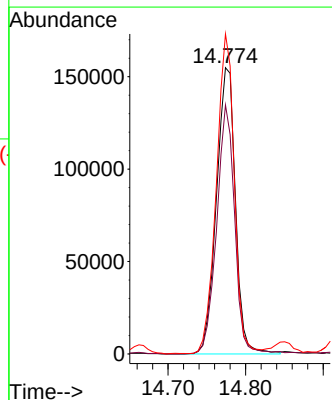
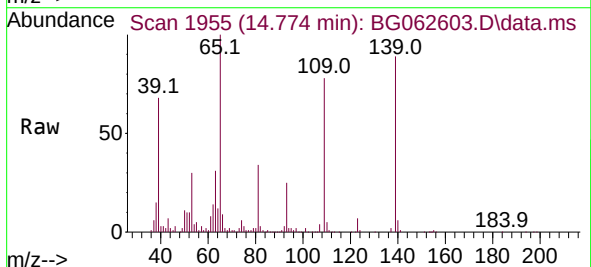
Instrument :
BNA_G
ClientSampleId :
P-5-COMPOSITEMSD

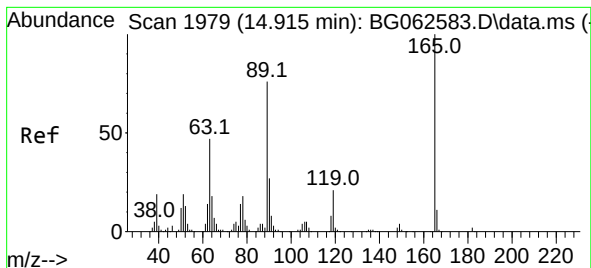
Tgt Ion:168 Resp: 1007712
Ion Ratio Lower Upper
168 100
139 34.6 28.2 42.4
169 13.0 10.5 15.7



#56
4-Nitrophenol
Concen: 107.775 ng
RT: 14.774 min Scan# 1955
Delta R.T. 0.006 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

Tgt Ion:139 Resp: 264243
Ion Ratio Lower Upper
139 100
109 87.0 66.7 106.7
65 111.8 98.1 138.1



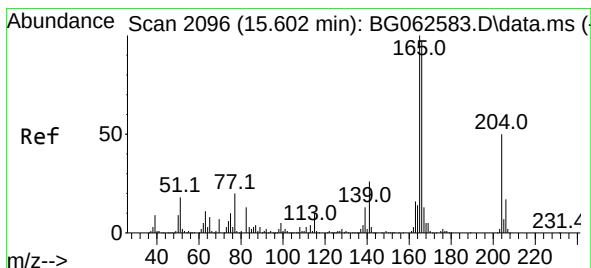
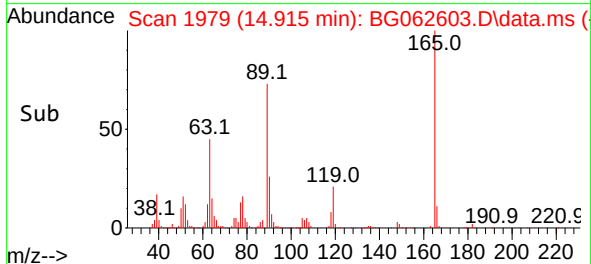
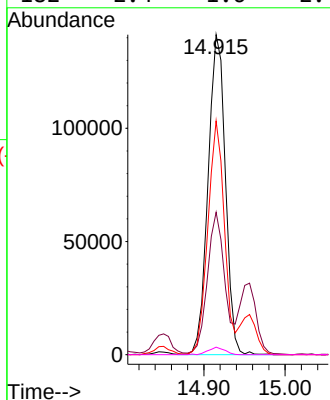
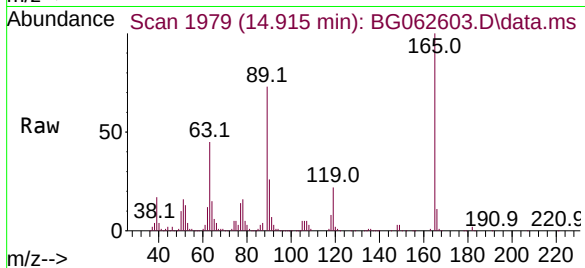


#57
2,4-Dinitrotoluene
Concen: 58.550 ng
RT: 14.915 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

Instrument :
BNA_G
ClientSampleId :
P-5-COMPOSITEMSD

Tgt Ion:165 Resp: 209077

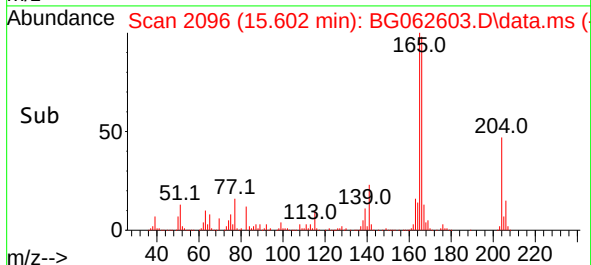
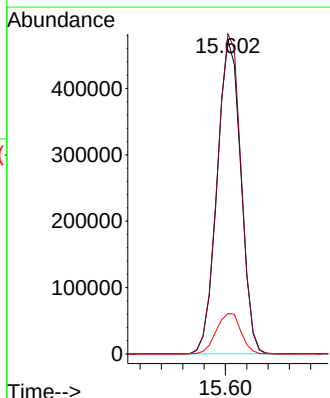
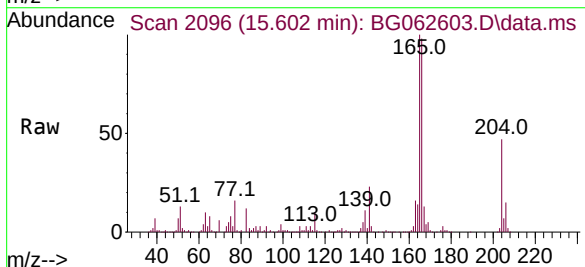
Ion	Ratio	Lower	Upper
165	100		
63	44.5	37.5	56.3
89	73.1	60.8	91.2
182	2.4	1.6	2.4

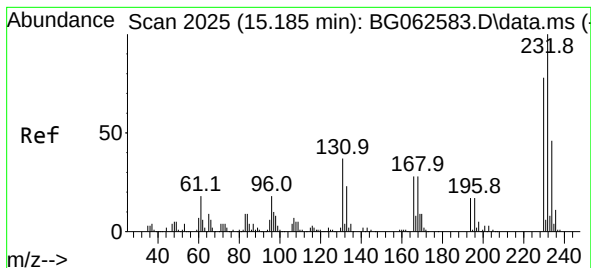


#58
Fluorene
Concen: 44.868 ng
RT: 15.602 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

Tgt Ion:166 Resp: 729802

Ion	Ratio	Lower	Upper
166	100		
165	102.0	82.6	123.8
167	12.9	10.6	15.8

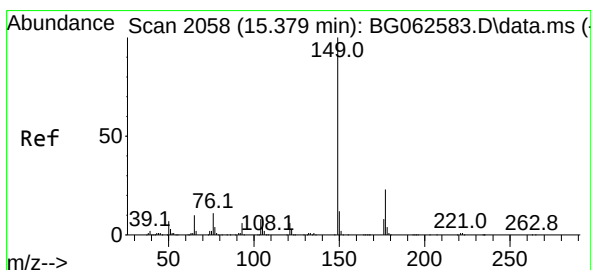
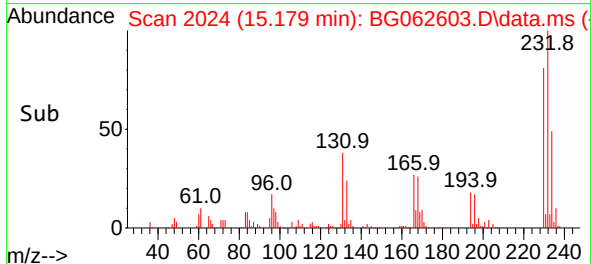
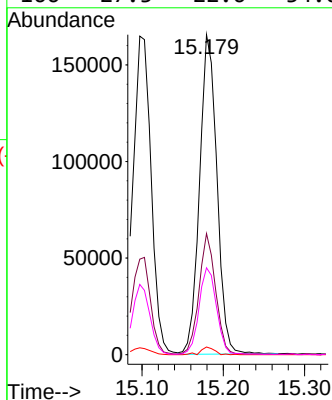
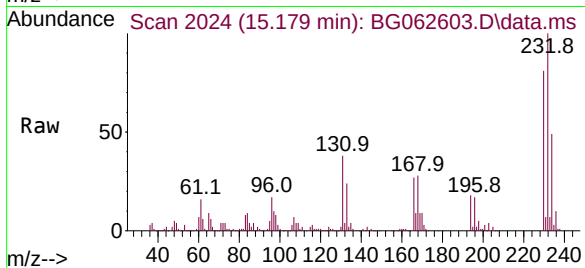




#59
2,3,4,6-Tetrachlorophenol
Concen: 58.338 ng
RT: 15.179 min Scan# 20
Delta R.T. -0.005 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

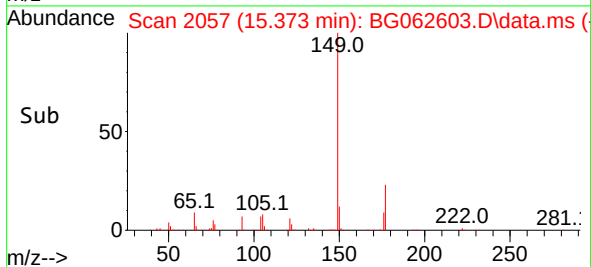
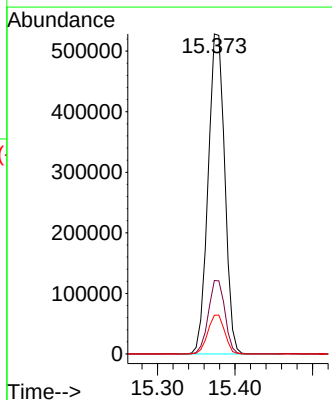
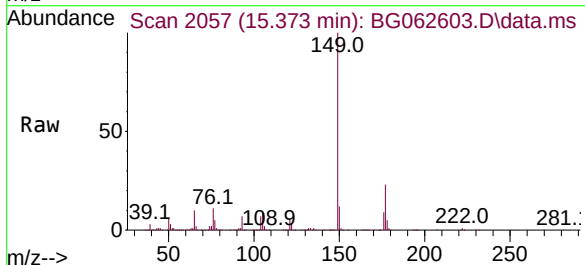
Instrument :
BNA_G
ClientSampleId :
P-5-COMPOSITEMSD

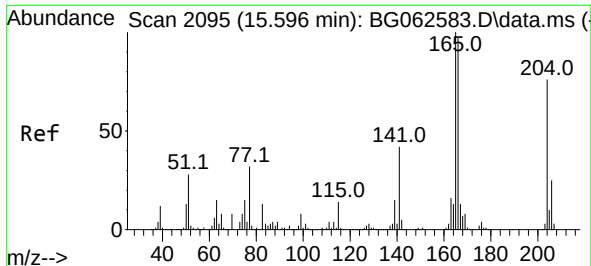
Tgt Ion:232 Resp: 245378
Ion Ratio Lower Upper
232 100
131 35.8 30.5 45.7
130 1.9 1.8 2.8
166 27.3 22.6 34.0



#60
Diethylphthalate
Concen: 52.544 ng
RT: 15.373 min Scan# 2057
Delta R.T. -0.005 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

Tgt Ion:149 Resp: 786947
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.2
150 12.1 9.8 14.8

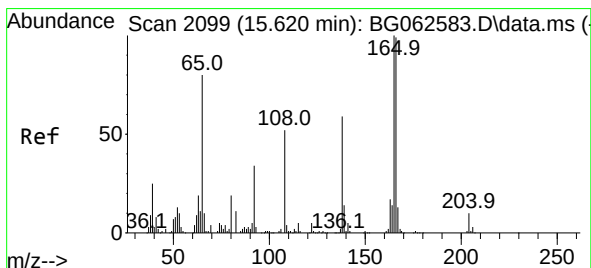
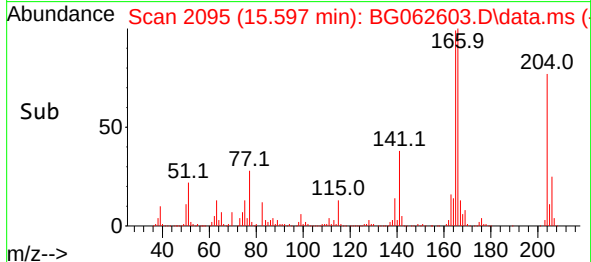
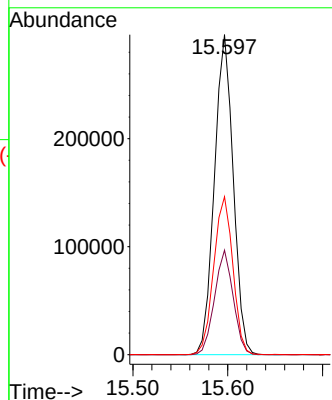
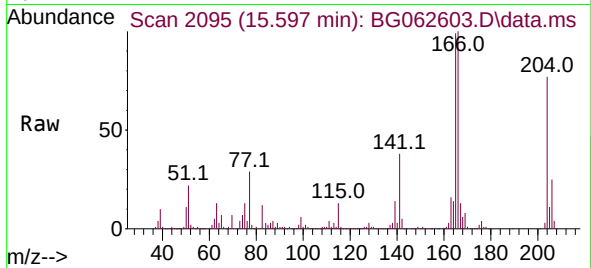




#61
4-Chlorophenyl-phenylether
Concen: 47.414 ng
RT: 15.597 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

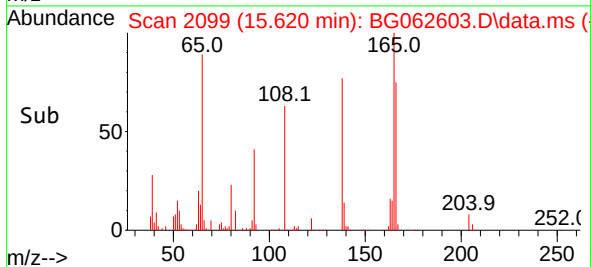
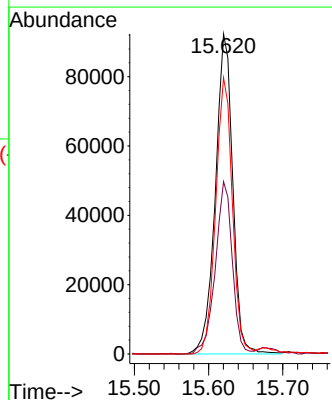
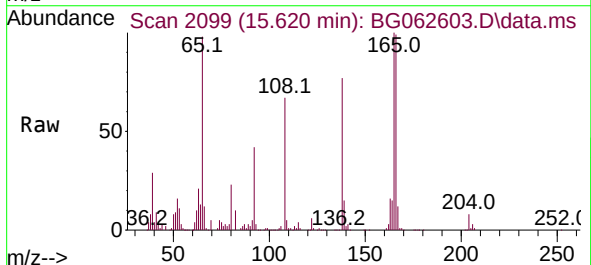
Instrument :
BNA_G
ClientSampleId :
P-5-COMPOSITEMSD

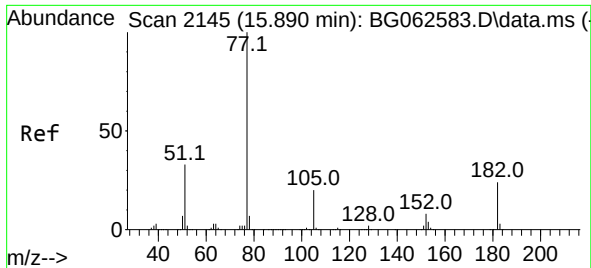
Tgt Ion:204 Resp: 409841
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.4
141 49.3 44.0 66.0



#62
4-Nitroaniline
Concen: 52.177 ng
RT: 15.620 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

Tgt Ion:138 Resp: 150250
Ion Ratio Lower Upper
138 100
92 53.9 37.6 77.6
108 86.3 68.3 108.3

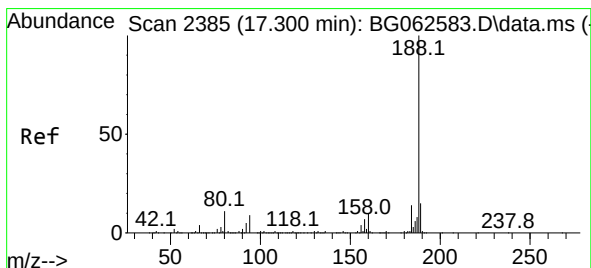
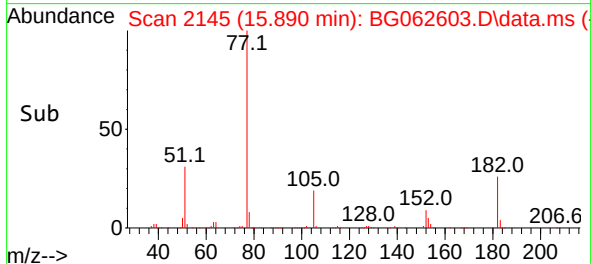
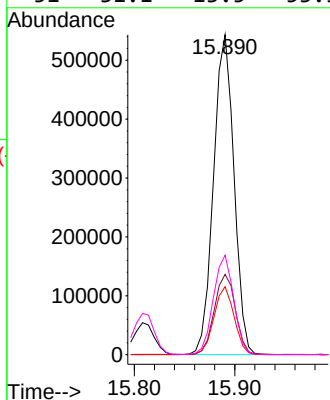
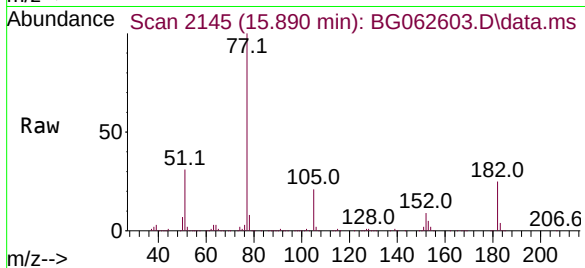




#63
Azobenzene
Concen: 45.093 ng
RT: 15.890 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

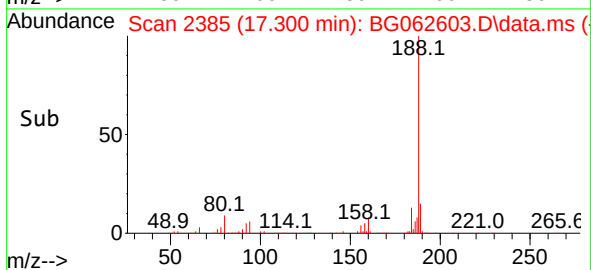
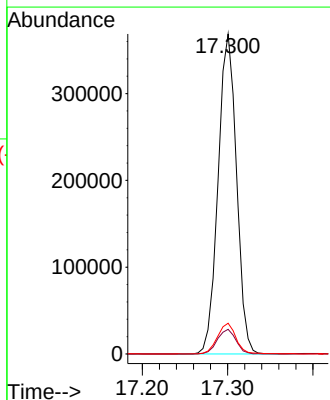
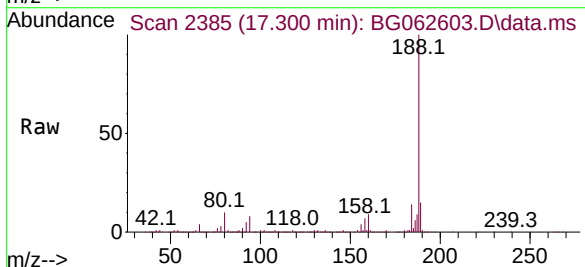
Instrument :
BNA_G
ClientSampleId :
P-5-COMPOSITEMSD

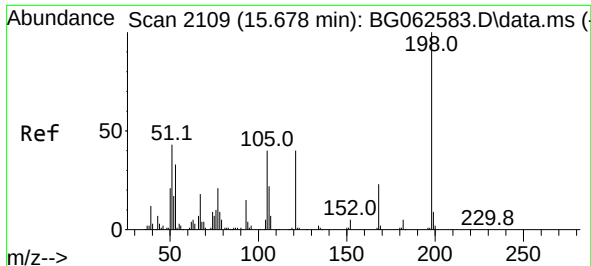
Tgt Ion:	77	Resp:	767426
Ion	Ratio	Lower	Upper
77	100		
182	25.1	3.6	43.6
105	21.3	0.0	39.5
51	31.1	13.5	53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.300 min Scan# 2385
Delta R.T. 0.000 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

Tgt Ion:	188	Resp:	553075
Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.0	10.6
80	9.6	8.4	12.6

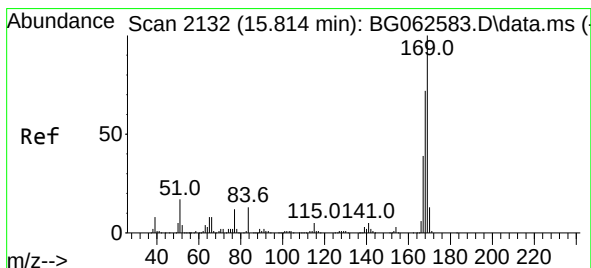
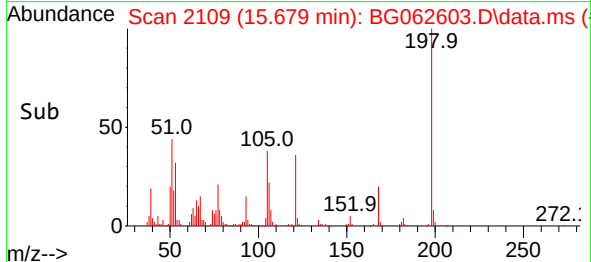
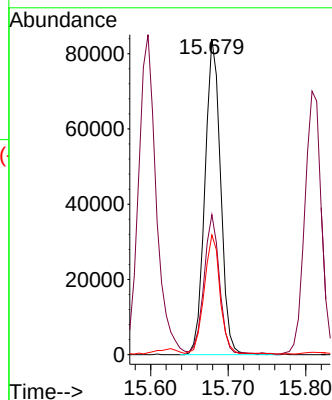
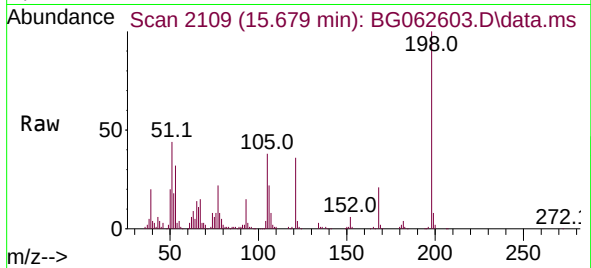




#65
4,6-Dinitro-2-methylphenol
Concen: 62.933 ng
RT: 15.679 min Scan# 2109
Delta R.T. 0.001 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

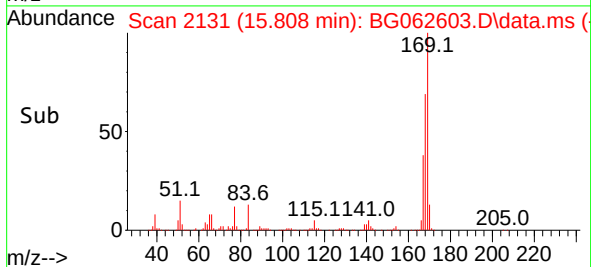
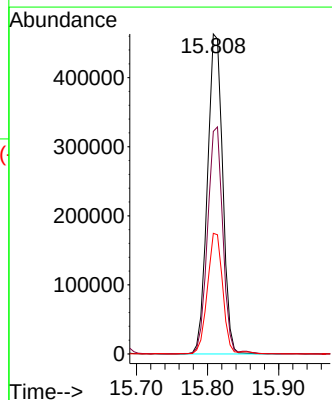
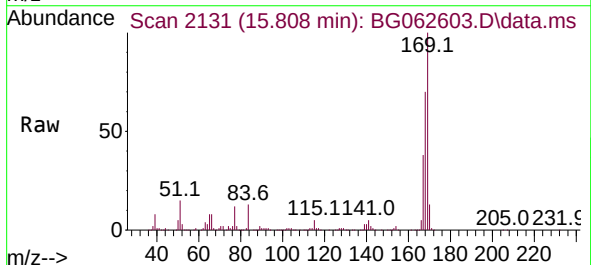
Instrument :
BNA_G
ClientSampleId :
P-5-COMPOSITEMSD

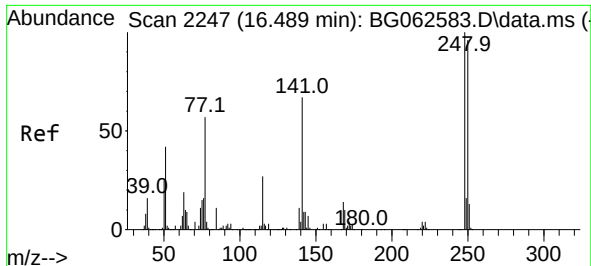
Tgt Ion:198 Resp: 117751
Ion Ratio Lower Upper
198 100
51 44.4 25.9 65.9
105 38.0 20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 51.402 ng
RT: 15.808 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

Tgt Ion:169 Resp: 690515
Ion Ratio Lower Upper
169 100
168 69.5 57.9 86.9
167 37.7 30.9 46.3

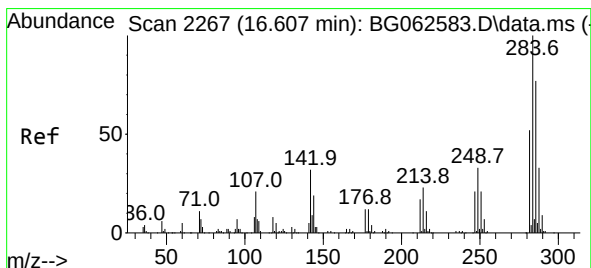
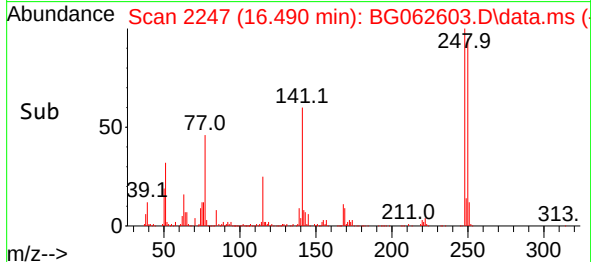
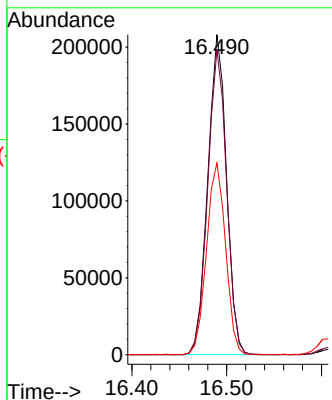
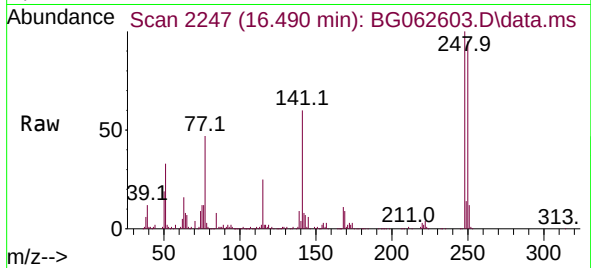




#67
4-Bromophenyl-phenylether
Concen: 53.577 ng
RT: 16.490 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

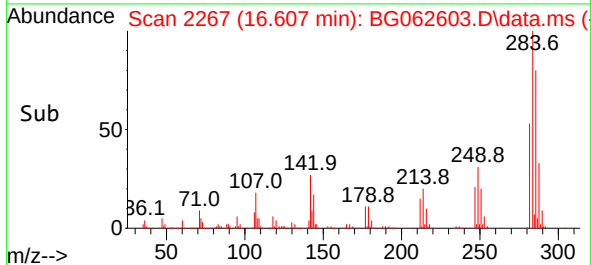
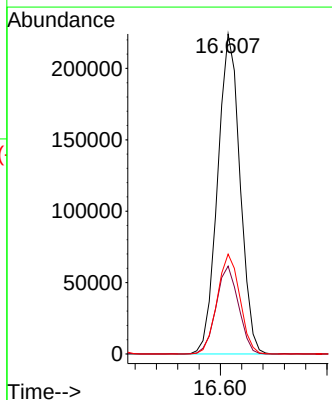
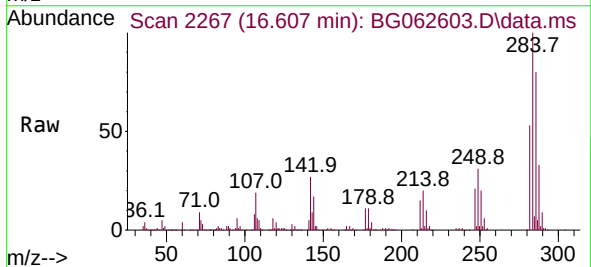
Instrument :
BNA_G
ClientSampleId :
P-5-COMPOSITEMSD

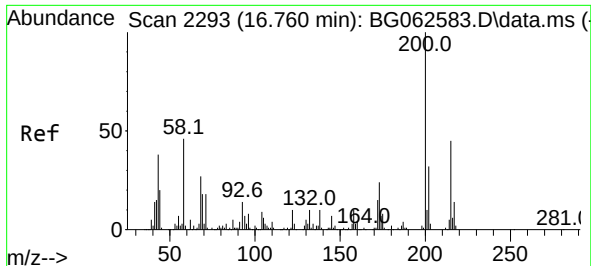
Tgt Ion:248 Resp: 285230
Ion Ratio Lower Upper
248 100
250 95.2 76.7 115.1
141 59.9 54.0 81.0



#68
Hexachlorobenzene
Concen: 53.043 ng
RT: 16.607 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

Tgt Ion:284 Resp: 326295
Ion Ratio Lower Upper
284 100
142 27.5 25.7 38.5
249 33.4 28.7 43.1

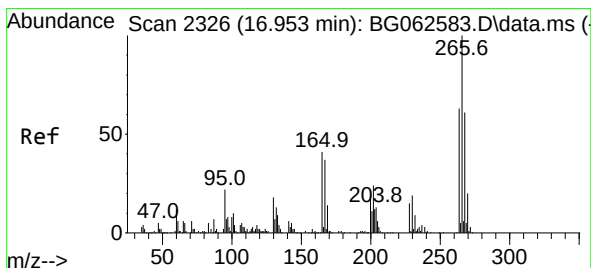
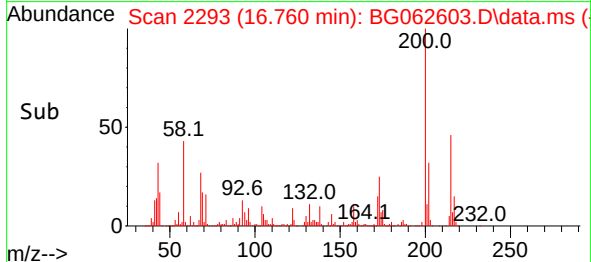
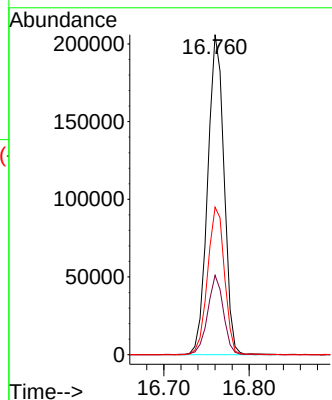
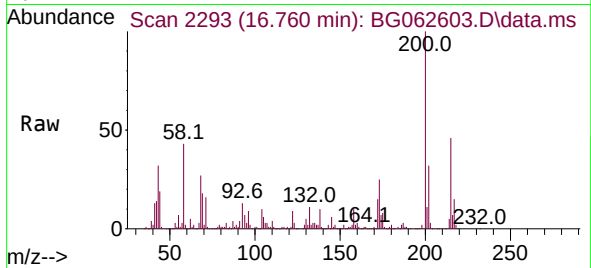




#69
Atrazine
Concen: 74.972 ng
RT: 16.760 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

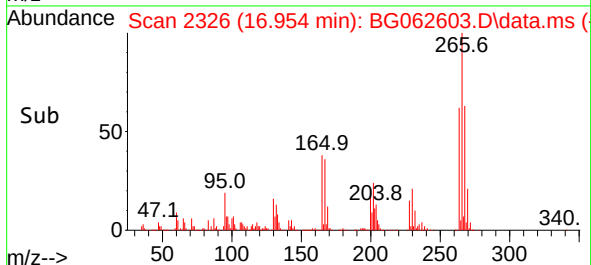
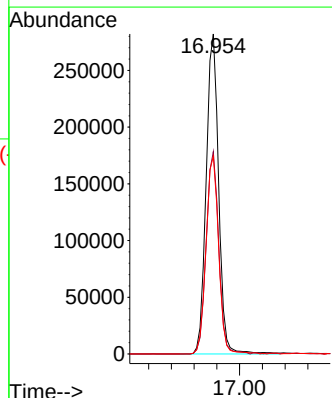
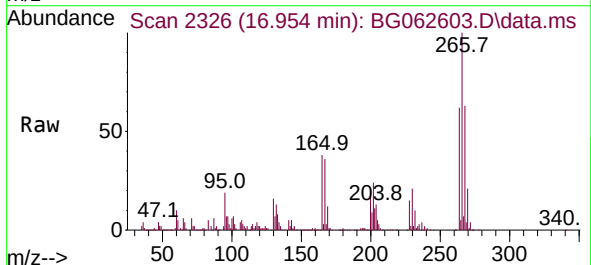
Instrument :
BNA_G
ClientSampleId :
P-5-COMPOSITEMSD

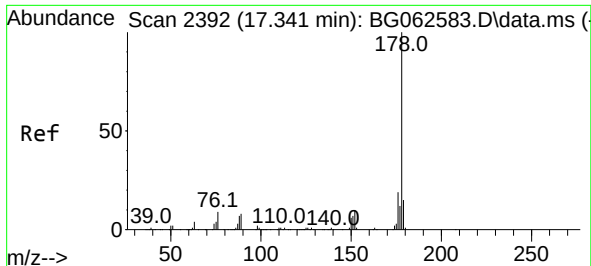
Tgt Ion:200 Resp: 273954
Ion Ratio Lower Upper
200 100
173 24.8 3.7 43.7
215 46.1 25.1 65.1



#70
Pentachlorophenol
Concen: 116.128 ng
RT: 16.954 min Scan# 2326
Delta R.T. 0.000 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

Tgt Ion:266 Resp: 428136
Ion Ratio Lower Upper
266 100
268 67.3 53.1 79.7
264 61.8 54.2 81.4

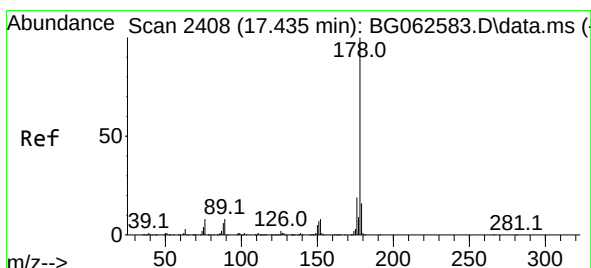
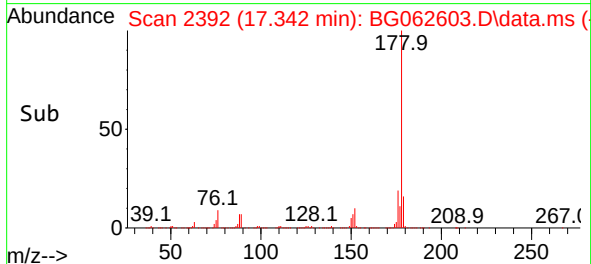
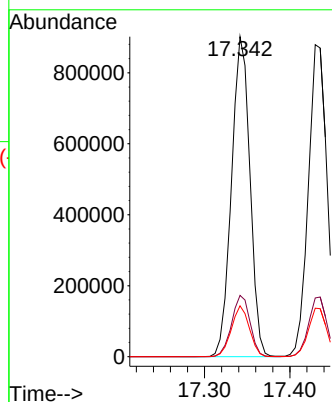
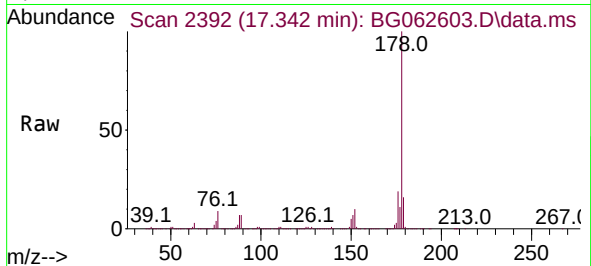




#71
Phenanthrene
Concen: 50.931 ng
RT: 17.342 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

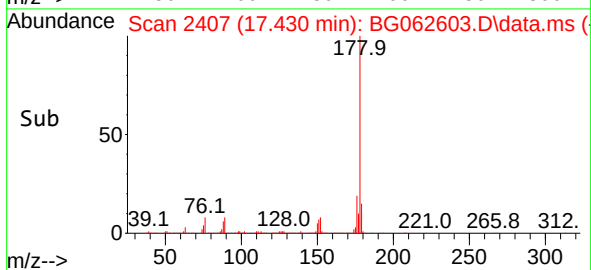
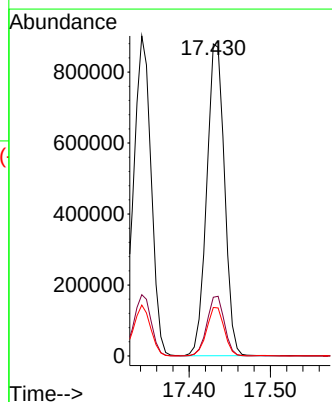
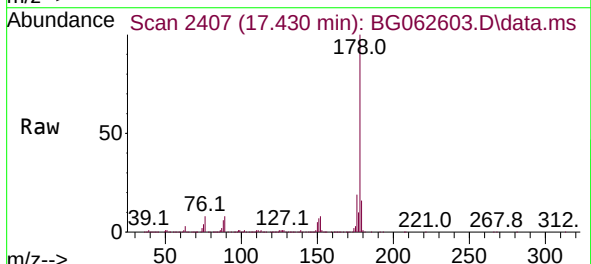
Instrument :
BNA_G
ClientSampleId :
P-5-COMPOSITEMSD

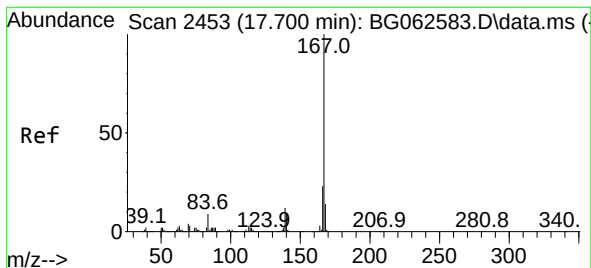
Tgt Ion:178 Resp: 1356535
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.9 12.1 18.1



#72
Anthracene
Concen: 51.191 ng
RT: 17.430 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

Tgt Ion:178 Resp: 1334032
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.5 12.5 18.7





#73

Carbazole

Concen: 47.159 ng

RT: 17.700 min Scan# 2453

Delta R.T. 0.000 min

Lab File: BG062603.D

Acq: 28 Aug 2024 20:04

Instrument :

BNA_G

ClientSampleId :

P-5-COMPOSITEMSD

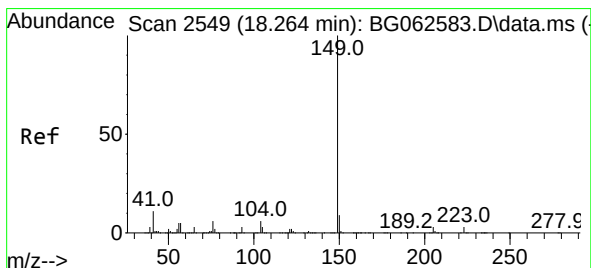
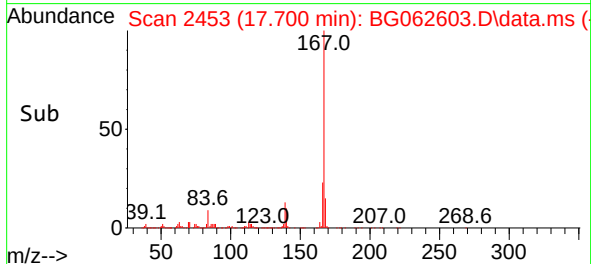
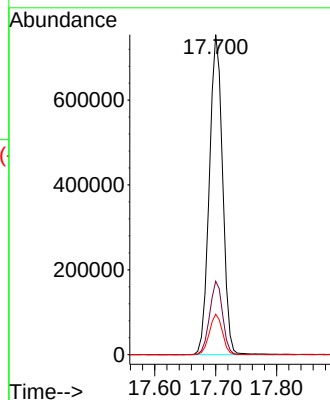
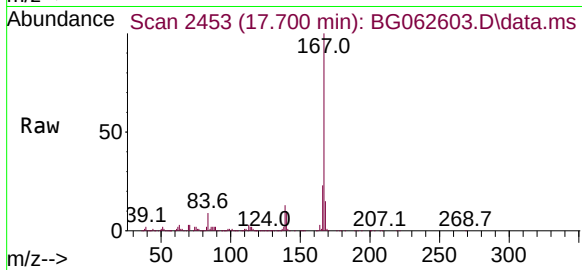
Tgt Ion:167 Resp: 1140183

Ion Ratio Lower Upper

167 100

166 22.9 18.6 27.8

139 12.6 9.7 14.5



#74

Di-n-butylphthalate

Concen: 63.017 ng

RT: 18.264 min Scan# 2549

Delta R.T. 0.000 min

Lab File: BG062603.D

Acq: 28 Aug 2024 20:04

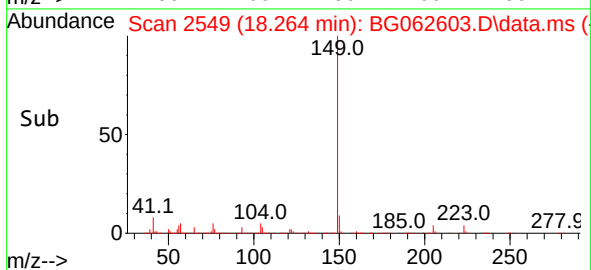
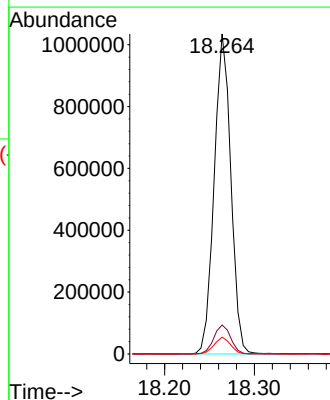
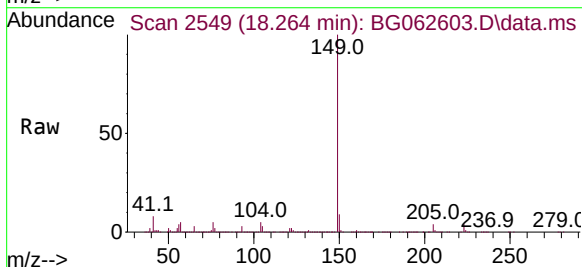
Tgt Ion:149 Resp: 1332925

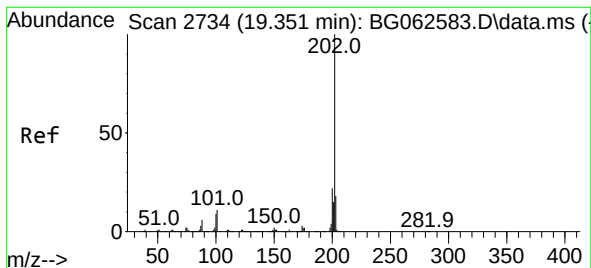
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 5.2 4.8 7.2





#75

Fluoranthene

Concen: 51.260 ng

RT: 19.351 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG062603.D

Acq: 28 Aug 2024 20:04

Instrument :

BNA_G

ClientSampleId :

P-5-COMPOSITEMSD

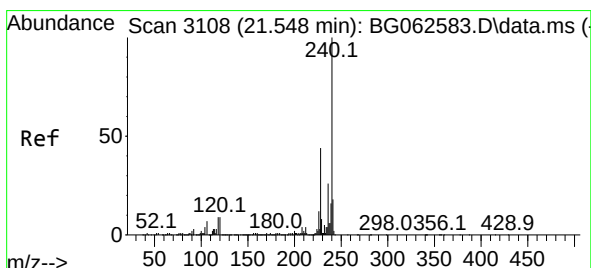
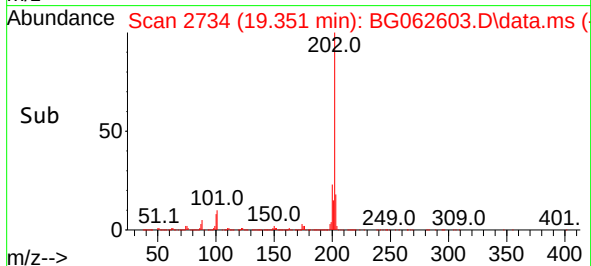
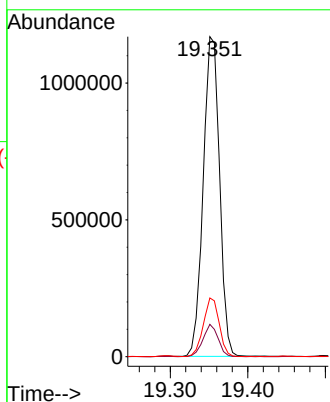
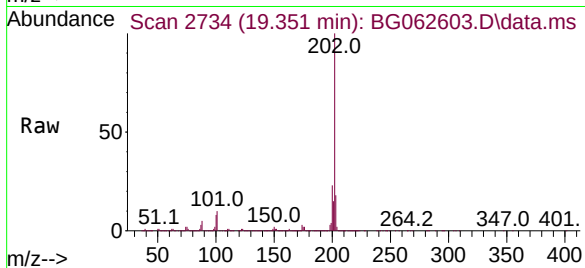
Tgt Ion:202 Resp: 1709167

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.8

203 18.3 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.548 min Scan# 3108

Delta R.T. 0.000 min

Lab File: BG062603.D

Acq: 28 Aug 2024 20:04

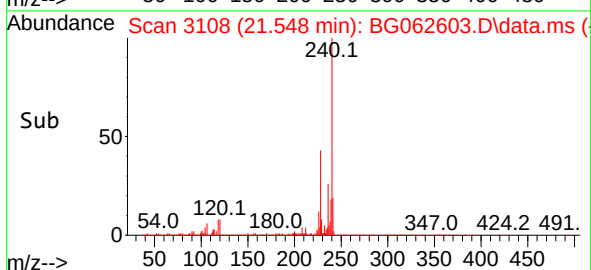
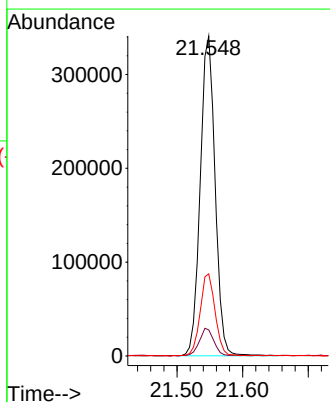
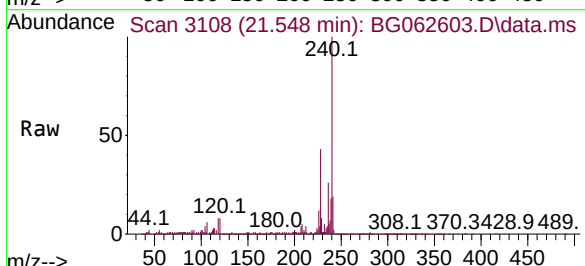
Tgt Ion:240 Resp: 537938

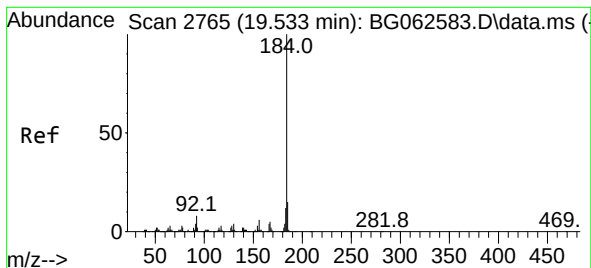
Ion Ratio Lower Upper

240 100

120 8.1 7.4 11.0

236 25.7 20.5 30.7





#77

Benzidine

Concen: 25.734 ng

RT: 19.533 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG062603.D

Acq: 28 Aug 2024 20:04

Instrument :

BNA_G

ClientSampleId :

P-5-COMPOSITEMSD

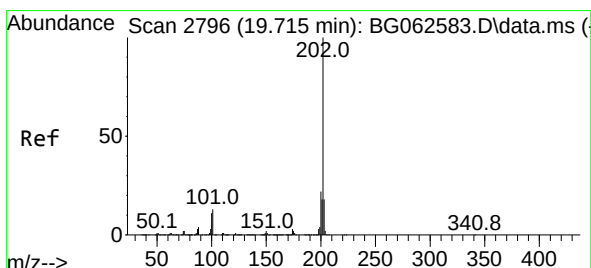
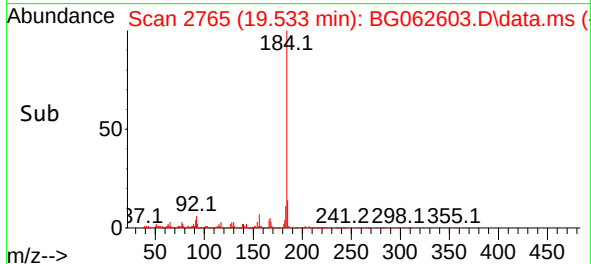
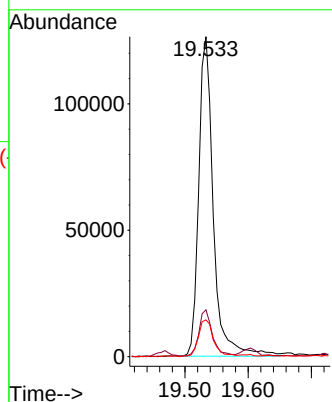
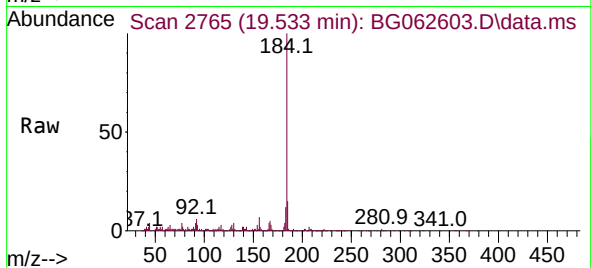
Tgt Ion:184 Resp: 202320

Ion Ratio Lower Upper

184 100

185 14.6 11.8 17.8

183 11.5 9.3 13.9



#78

Pyrene

Concen: 51.839 ng

RT: 19.715 min Scan# 2796

Delta R.T. 0.000 min

Lab File: BG062603.D

Acq: 28 Aug 2024 20:04

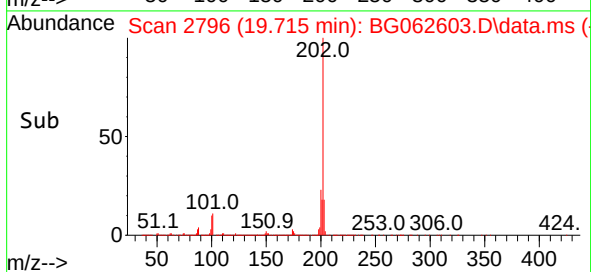
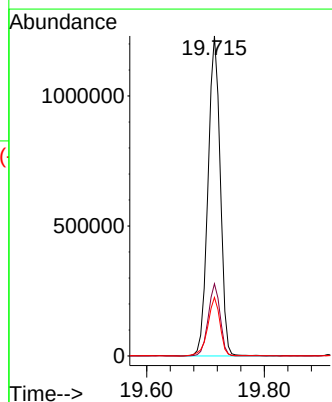
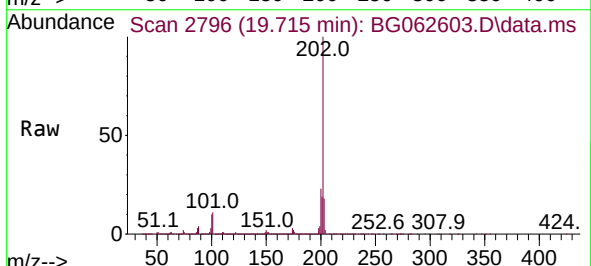
Tgt Ion:202 Resp: 1772986

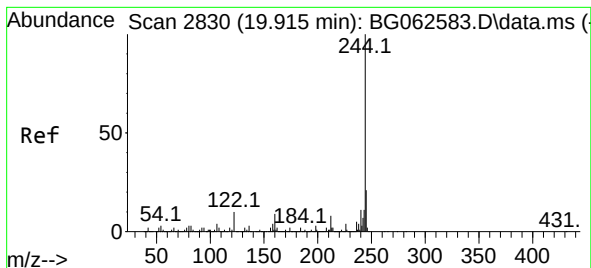
Ion Ratio Lower Upper

202 100

200 22.5 17.7 26.5

203 18.3 14.3 21.5





#79

Terphenyl-d14

Concen: 59.974 ng

RT: 19.915 min Scan# 2830

Delta R.T. 0.000 min

Lab File: BG062603.D

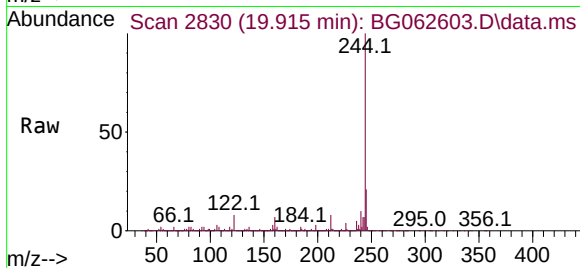
Acq: 28 Aug 2024 20:04

Instrument :

BNA_G

ClientSampleId :

P-5-COMPOSITEMSD



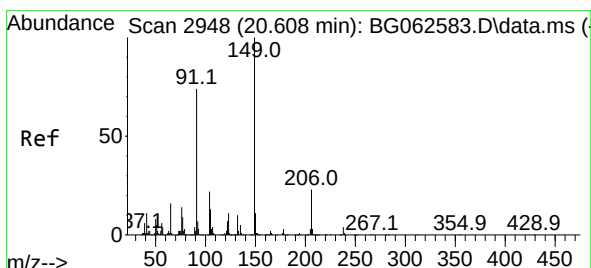
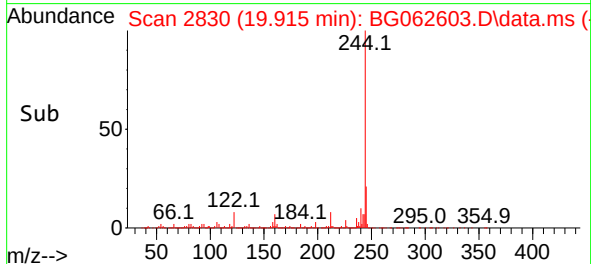
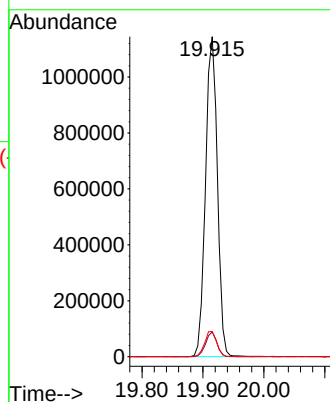
Tgt Ion:244 Resp: 1543084

Ion Ratio Lower Upper

244 100

212 7.8 6.7 10.1

122 7.8 8.4 12.6#



#80

Butylbenzylphthalate

Concen: 65.761 ng

RT: 20.608 min Scan# 2948

Delta R.T. 0.000 min

Lab File: BG062603.D

Acq: 28 Aug 2024 20:04

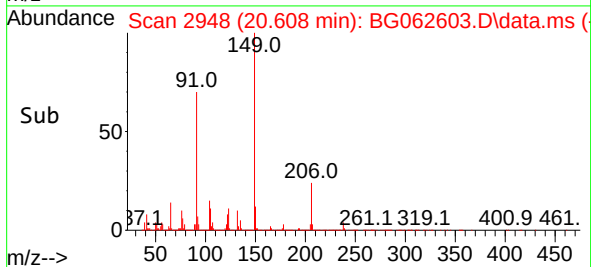
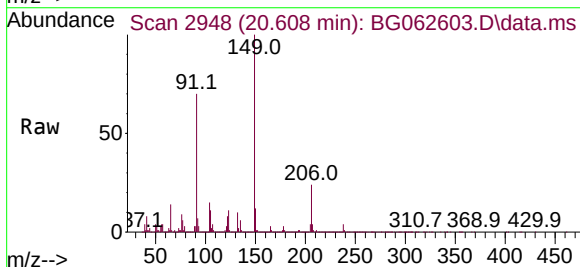
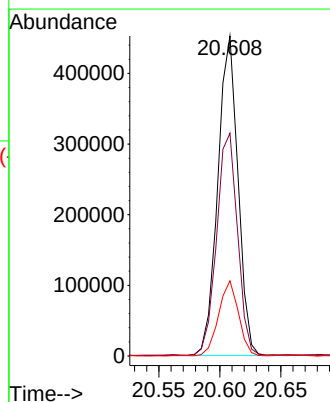
Tgt Ion:149 Resp: 522383

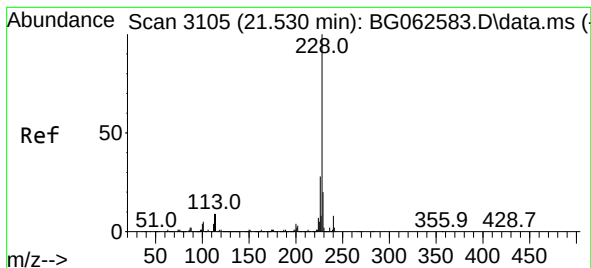
Ion Ratio Lower Upper

149 100

91 69.6 59.0 88.6

206 23.5 18.5 27.7





#81

Benzo(a)anthracene

Concen: 51.415 ng

RT: 21.525 min Scan# 3105

Delta R.T. -0.005 min

Lab File: BG062603.D

Acq: 28 Aug 2024 20:04

Instrument :

BNA_G

ClientSampleId :

P-5-COMPOSITEMSD

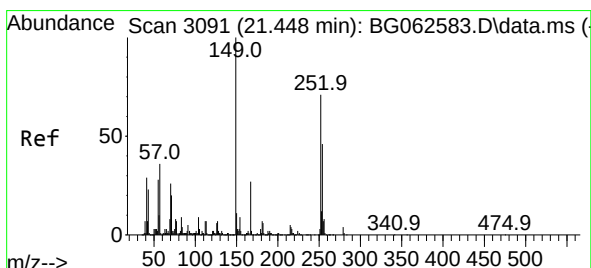
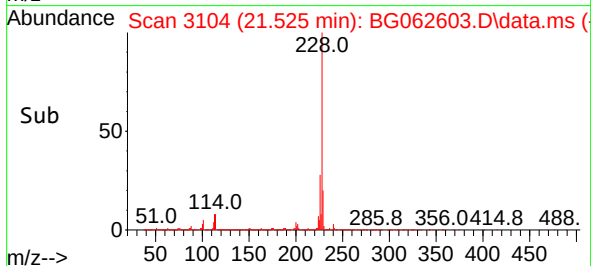
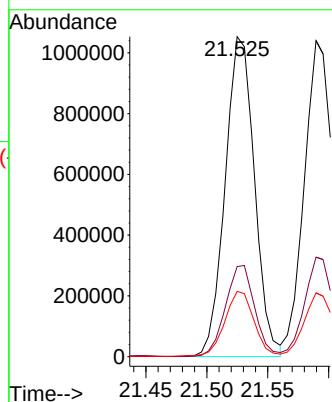
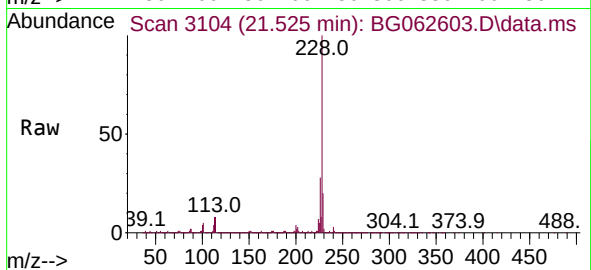
Tgt Ion:228 Resp: 1761501

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

229 20.4 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 30.255 ng

RT: 21.449 min Scan# 3091

Delta R.T. 0.000 min

Lab File: BG062603.D

Acq: 28 Aug 2024 20:04

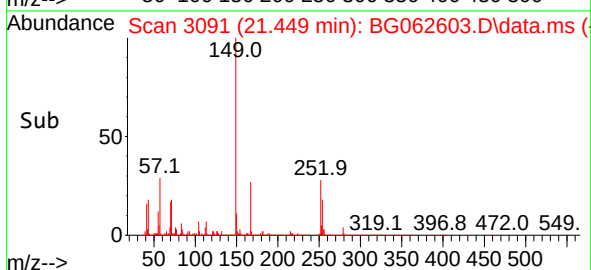
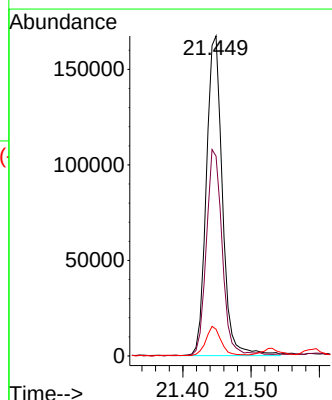
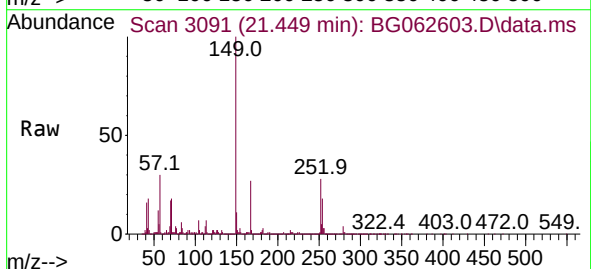
Tgt Ion:252 Resp: 274175

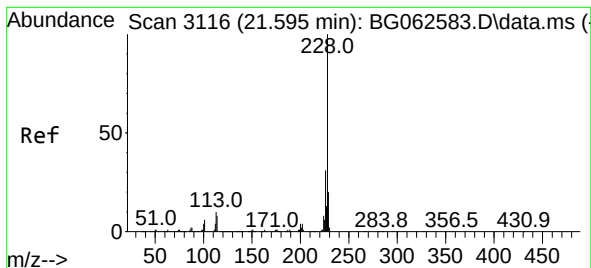
Ion Ratio Lower Upper

252 100

254 62.4 51.4 77.0

126 8.4 7.1 10.7





#83

Chrysene

Concen: 50.271 ng

RT: 21.590 min Scan# 3116

Delta R.T. -0.005 min

Lab File: BG062603.D

Acq: 28 Aug 2024 20:04

Instrument :

BNA_G

ClientSampleId :

P-5-COMPOSITEMSD

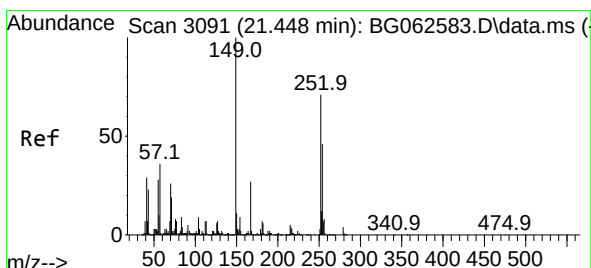
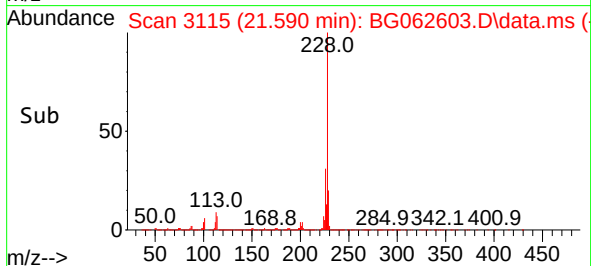
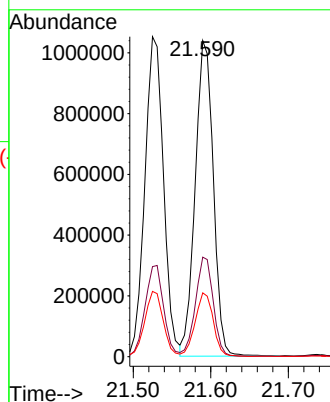
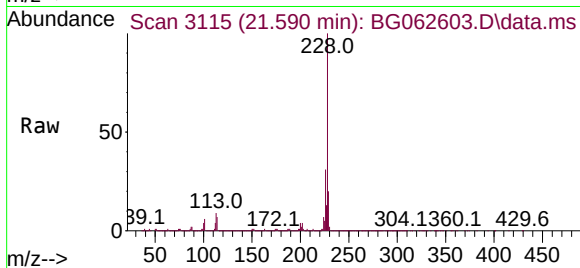
Tgt Ion:228 Resp: 1685259

Ion Ratio Lower Upper

228 100

226 31.5 24.6 37.0

229 20.2 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 75.330 ng

RT: 21.449 min Scan# 3091

Delta R.T. 0.000 min

Lab File: BG062603.D

Acq: 28 Aug 2024 20:04

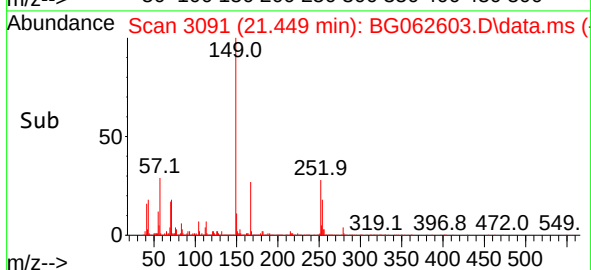
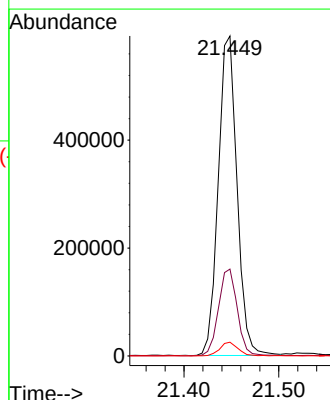
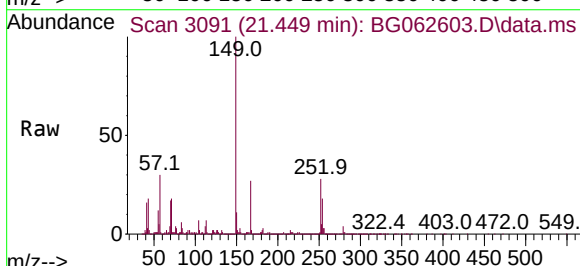
Tgt Ion:149 Resp: 815534

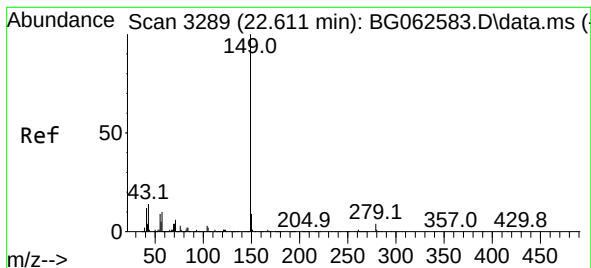
Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

279 4.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 70.081 ng

RT: 22.612 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG062603.D

Acq: 28 Aug 2024 20:04

Instrument :

BNA_G

ClientSampleId :

P-5-COMPOSITEMSD

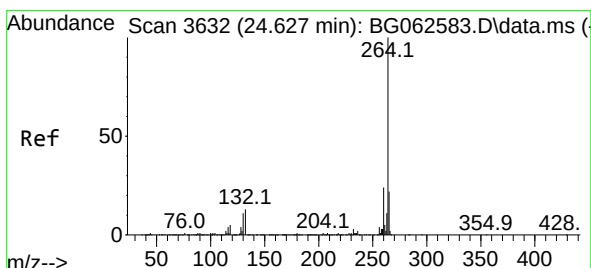
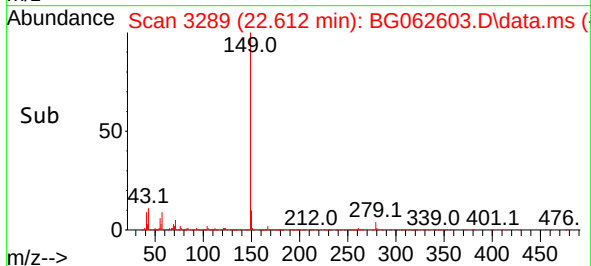
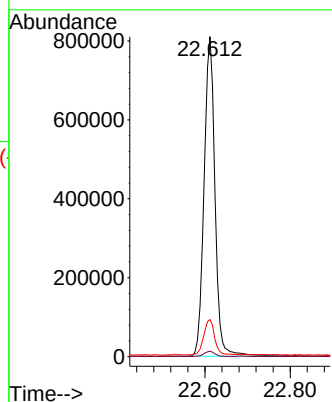
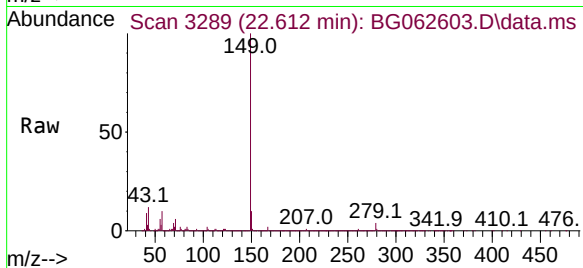
Tgt Ion:149 Resp: 1432525

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 11.1 12.7 19.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.627 min Scan# 3632

Delta R.T. 0.000 min

Lab File: BG062603.D

Acq: 28 Aug 2024 20:04

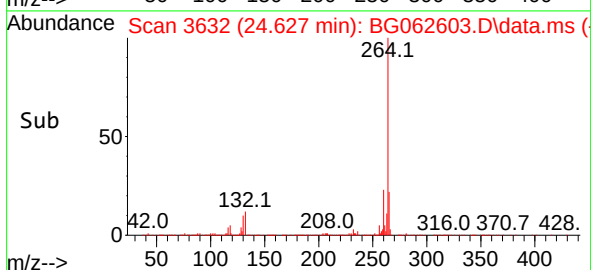
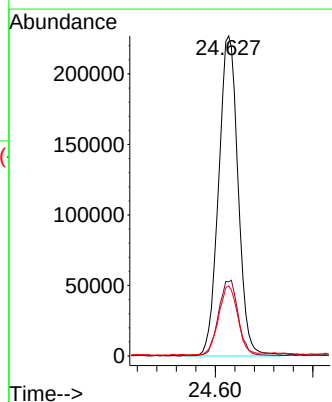
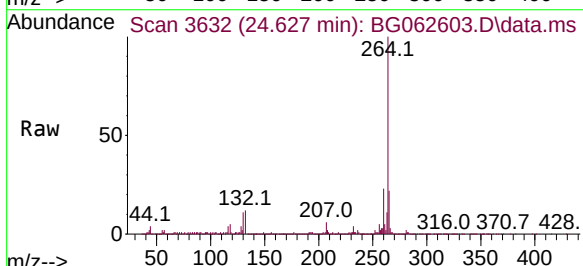
Tgt Ion:264 Resp: 630036

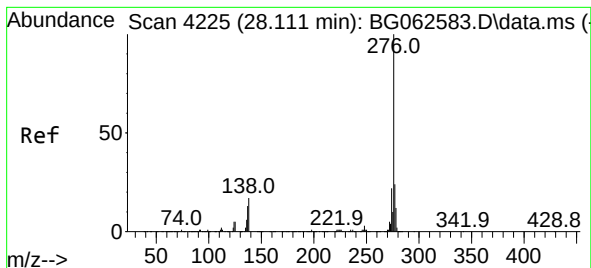
Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.4

265 21.9 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.128 ng

RT: 28.117 min Scan# 41

Delta R.T. 0.006 min

Lab File: BG062603.D

Acq: 28 Aug 2024 20:04

Instrument :

BNA_G

ClientSampleId :

P-5-COMPOSITEMSD

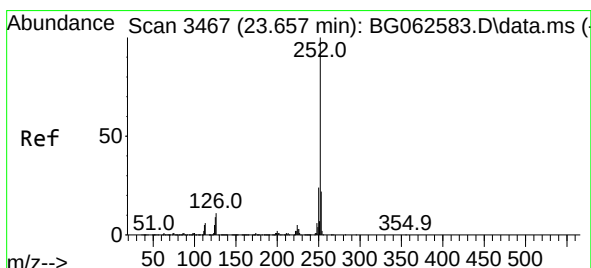
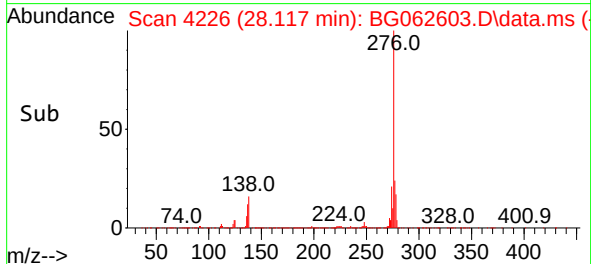
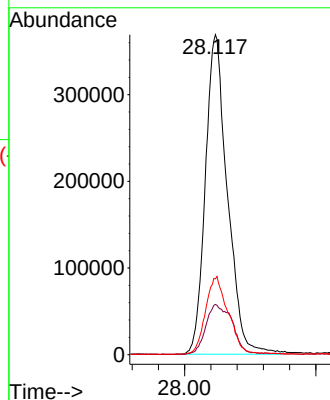
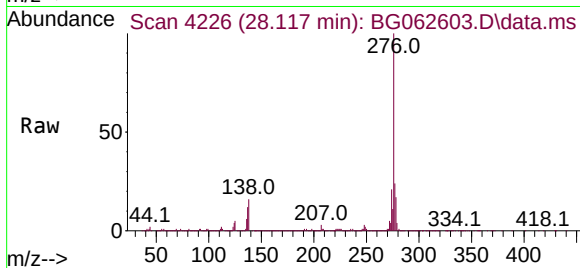
Tgt Ion:276 Resp: 2150547

Ion Ratio Lower Upper

276 100

138 18.7 12.6 18.8

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 50.424 ng

RT: 23.658 min Scan# 3467

Delta R.T. 0.000 min

Lab File: BG062603.D

Acq: 28 Aug 2024 20:04

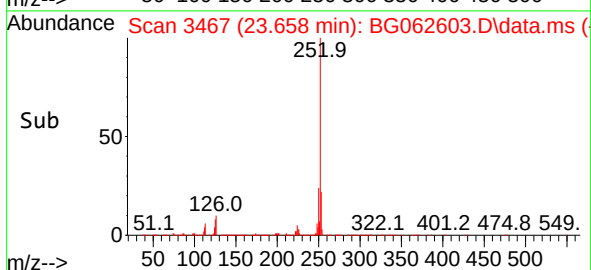
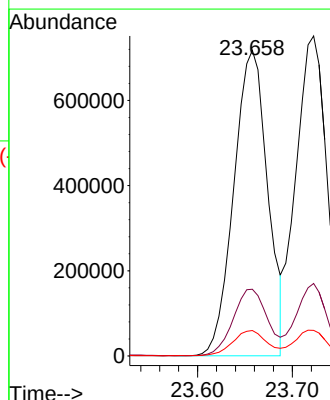
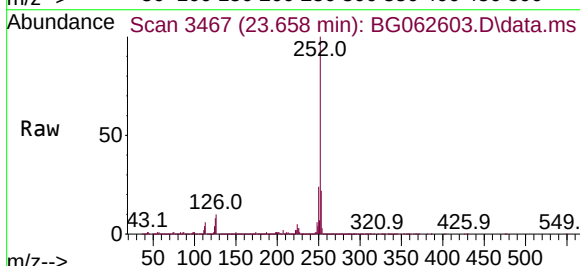
Tgt Ion:252 Resp: 1779405

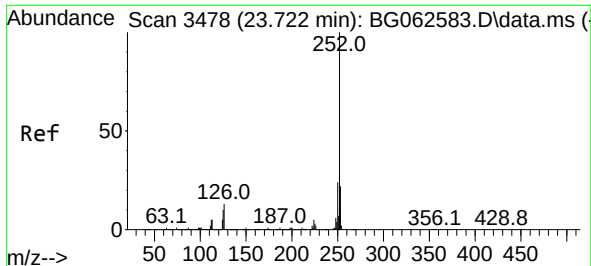
Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

125 8.3 7.3 10.9

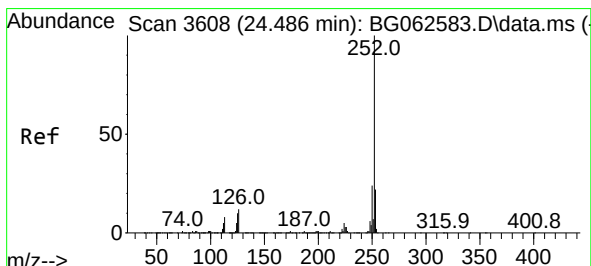
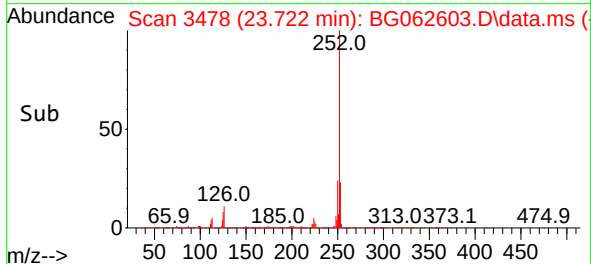
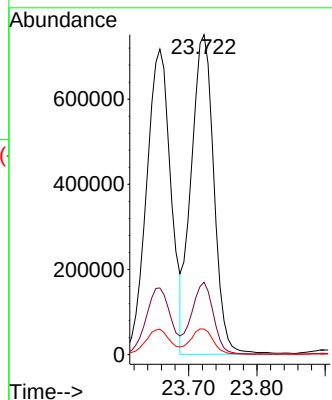
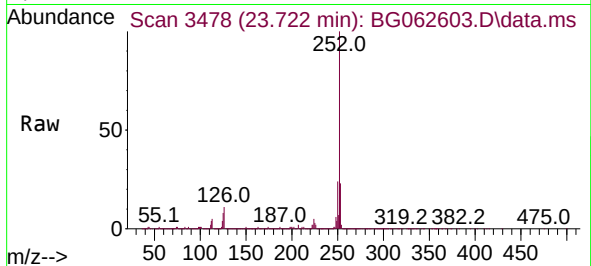




#89
Benzo(k)fluoranthene
Concen: 49.453 ng
RT: 23.722 min Scan# 3478
Delta R.T. 0.000 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

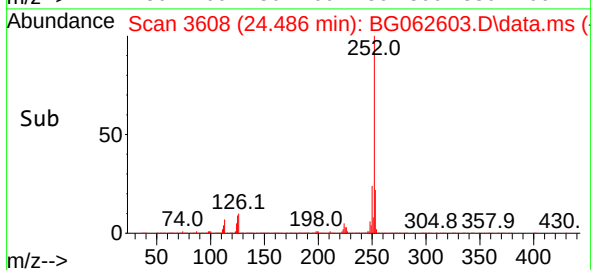
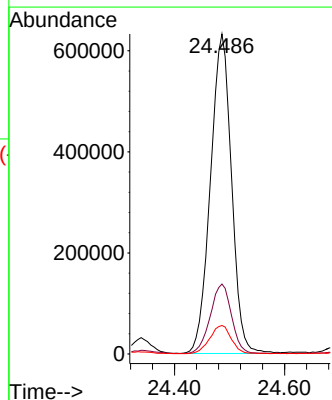
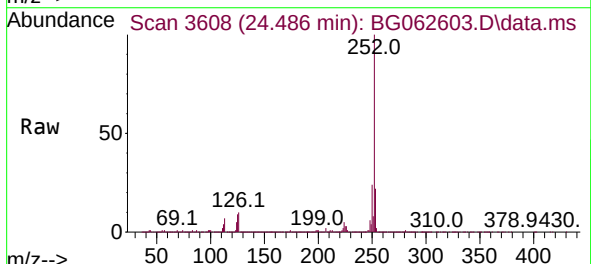
Instrument :
BNA_G
ClientSampleId :
P-5-COMPOSITEMSD

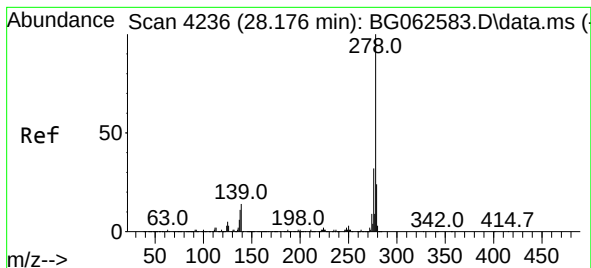
Tgt Ion:252 Resp: 1731451
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 8.0 7.5 11.3



#90
Benzo(a)pyrene
Concen: 54.207 ng
RT: 24.486 min Scan# 3608
Delta R.T. 0.000 min
Lab File: BG062603.D
Acq: 28 Aug 2024 20:04

Tgt Ion:252 Resp: 1681650
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 8.9 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 52.501 ng

RT: 28.170 min Scan# 41

Delta R.T. -0.005 min

Lab File: BG062603.D

Acq: 28 Aug 2024 20:04

Instrument :

BNA_G

ClientSampleId :

P-5-COMPOSITEMSD

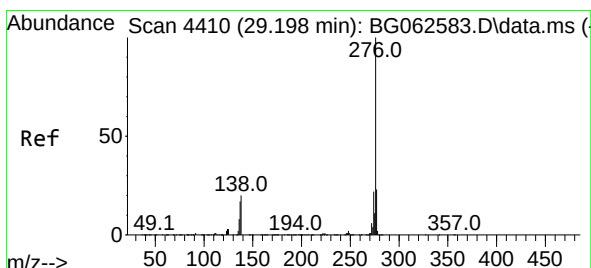
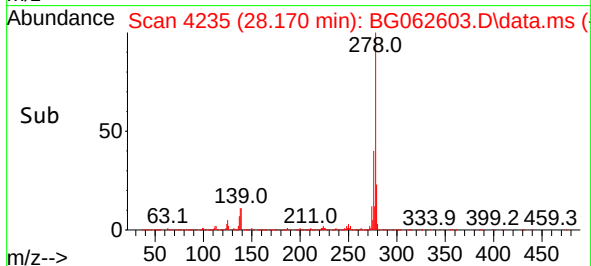
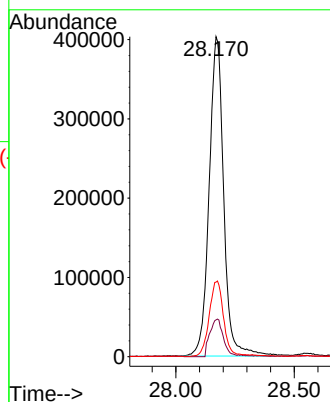
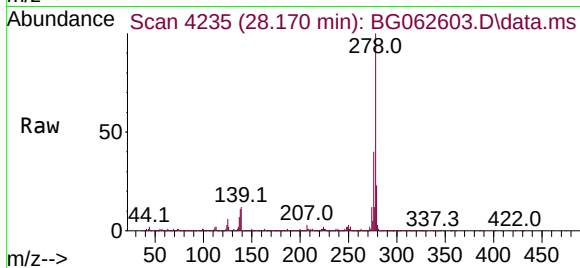
Tgt Ion:278 Resp: 1723795

Ion Ratio Lower Upper

278 100

139 11.5 11.1 16.7

279 23.3 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 49.270 ng

RT: 29.204 min Scan# 4411

Delta R.T. 0.006 min

Lab File: BG062603.D

Acq: 28 Aug 2024 20:04

Tgt Ion:276 Resp: 1644596

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 15.8 15.8 23.6

