

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020325\
 Data File : BG063982.D
 Acq On : 3 Feb 2025 15:42
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Quant Time: Feb 04 02:47:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 04 02:44:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	62459	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	273389	20.000	ng	0.00
39) Acenaphthene-d10	14.500	164	186977	20.000	ng	0.00
64) Phenanthrene-d10	17.238	188	403592	20.000	ng	0.00
76) Chrysene-d12	21.474	240	417408	20.000	ng	0.00
86) Perylene-d12	24.506	264	436876	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	650899	167.085	ng	0.00
7) Phenol-d6	7.044	99	902102	168.742	ng	0.00
23) Nitrobenzene-d5	9.036	82	839767	186.683	ng	0.00
42) 2,4,6-Tribromophenol	15.986	330	355478	160.485	ng	0.00
45) 2-Fluorobiphenyl	13.131	172	1852954	151.836	ng	0.00
79) Terphenyl-d14	19.864	244	2922013	146.200	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.389	88	136601	73.835	ng	97
3) Pyridine	3.777	79	403771m	80.788	ng	
4) n-Nitrosodimethylamine	3.689	42	231590	80.620	ng	98
6) Aniline	7.208	93	468274	81.738	ng	97
8) 2-Chlorophenol	7.443	128	349575	88.064	ng	99
9) Benzaldehyde	7.015	77	183513	62.880	ng	98
10) Phenol	7.073	94	473065	84.063	ng	99
11) bis(2-Chloroethyl)ether	7.308	93	356668	78.709	ng	99
12) 1,3-Dichlorobenzene	7.767	146	361404	76.511	ng	100
13) 1,4-Dichlorobenzene	7.914	146	365887	76.698	ng	98
14) 1,2-Dichlorobenzene	8.231	146	361228	79.004	ng	99
15) Benzyl Alcohol	8.113	79	354699	88.766	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.413	45	748382	82.015	ng	100
17) 2-Methylphenol	8.313	107	313301	86.082	ng	97
18) Hexachloroethane	8.959	117	132894	84.647	ng	93
19) n-Nitroso-di-n-propyla...	8.689	70	316993	85.624	ng	# 95
20) 3+4-Methylphenols	8.648	107	426775	88.016	ng	99
22) Acetophenone	8.695	105	603404	80.330	ng	# 97
24) Nitrobenzene	9.077	77	434588	80.742	ng	98
25) Isophorone	9.600	82	823666	84.466	ng	99
27) 2,4-Dimethylphenol	9.841	122	250246	89.211	ng	96
28) bis(2-Chloroethoxy)met...	10.082	93	517846	83.457	ng	99
29) 2,4-Dichlorophenol	10.311	162	329456	81.039	ng	97
30) 1,2,4-Trichlorobenzene	10.528	180	371697	80.656	ng	97
31) Naphthalene	10.716	128	1179655	80.482	ng	99
32) Benzoic acid	10.023	122	207541m	79.387	ng	
33) 4-Chloroaniline	10.822	127	469625	83.625	ng	98
34) Hexachlorobutadiene	11.010	225	237954	81.081	ng	99
35) Caprolactam	11.609	113	117009m	77.841	ng	
36) 4-Chloro-3-methylphenol	11.944	107	401026	89.317	ng	99
37) 2-Methylnaphthalene	12.326	142	824161	80.688	ng	96
38) 1-Methylnaphthalene	12.543	142	815579	80.698	ng	98
40) 1,2,4,5-Tetrachloroben...	12.690	216	443056	80.354	ng	99
41) Hexachlorocyclopentadiene	12.679	237	142868	96.043	ng	98
43) 2,4,6-Trichlorophenol	12.931	196	276858	81.598	ng	97
44) 2,4,5-Trichlorophenol	13.002	196	305225	80.794	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.337	154	1116671	78.441	ng	98
47) 2-Chloronaphthalene	13.378	162	832679	80.250	ng	98
48) 2-Nitroaniline	13.572	65	267219	79.130	ng	97
49) Acenaphthylene	14.224	152	1296806	80.463	ng	99
50) Dimethylphthalate	13.965	163	1076898	86.865	ng	100
51) 2,6-Dinitrotoluene	14.077	165	216080	79.007	ng	91
52) Acenaphthene	14.565	154	883156	81.692	ng	98
53) 3-Nitroaniline	14.400	138	231035	80.061	ng	97
54) 2,4-Dinitrophenol	14.606	184	63523	79.449	ng	88
55) Dibenzofuran	14.899	168	1369362	78.009	ng	98
56) 4-Nitrophenol	14.706	139	192405	80.216	ng	95
57) 2,4-Dinitrotoluene	14.858	165	285847	78.838	ng	97
58) Fluorene	15.552	166	1034340	76.235	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.123	232	299460	81.064	ng	99
60) Diethylphthalate	15.334	149	1126041	85.669	ng	99
61) 4-Chlorophenyl-phenylether	15.546	204	524356	77.025	ng	99
62) 4-Nitroaniline	15.569	138	235601	77.688	ng	96
63) Azobenzene	15.840	77	1216060	78.330	ng	100
65) 4,6-Dinitro-2-methylphthalate	15.622	198	110881	79.654	ng	96
66) n-Nitrosodiphenylamine	15.763	169	907085	81.062	ng	98
67) 4-Bromophenyl-phenylether	16.439	248	345807	86.083	ng	98
68) Hexachlorobenzene	16.550	284	378854	80.218	ng	95
69) Atrazine	16.709	200	316302	84.940	ng	98
70) Pentachlorophenol	16.891	266	251409	81.316	ng	97
71) Phenanthrene	17.285	178	1652070	77.937	ng	99
72) Anthracene	17.373	178	1679507	79.182	ng	99
73) Carbazole	17.637	167	1543432	77.732	ng	99
74) Di-n-butylphthalate	18.219	149	1845855	89.183	ng	99
75) Fluoranthene	19.294	202	1954193	75.708	ng	98
77) Benzidine	19.476	184	819347	92.181	ng	98
78) Pyrene	19.653	202	2029361	78.753	ng	98
80) Butylbenzylphthalate	20.558	149	766231	80.855	ng	98
81) Benzo(a)anthracene	21.456	228	2094477	79.032	ng	97
82) 3,3'-Dichlorobenzidine	21.380	252	735114	89.070	ng	99
83) Chrysene	21.521	228	2033841	77.117	ng	99
84) Bis(2-ethylhexyl)phthalate	21.404	149	1206467	80.301	ng	99
85) Di-n-octyl phthalate	22.561	149	2046672	81.075	ng	99
87) Indeno(1,2,3-cd)pyrene	27.943	276	2396769	85.039	ng	99
88) Benzo(b)fluoranthene	23.554	252	2114269	82.186	ng	99
89) Benzo(k)fluoranthene	23.619	252	2170201	82.157	ng	99
90) Benzo(a)pyrene	24.371	252	1922777	83.736	ng	99
91) Dibenzo(a,h)anthracene	28.008	278	2031458	85.360	ng	98
92) Benzo(g,h,i)perylene	29.012	276	2039172	84.876	ng	98

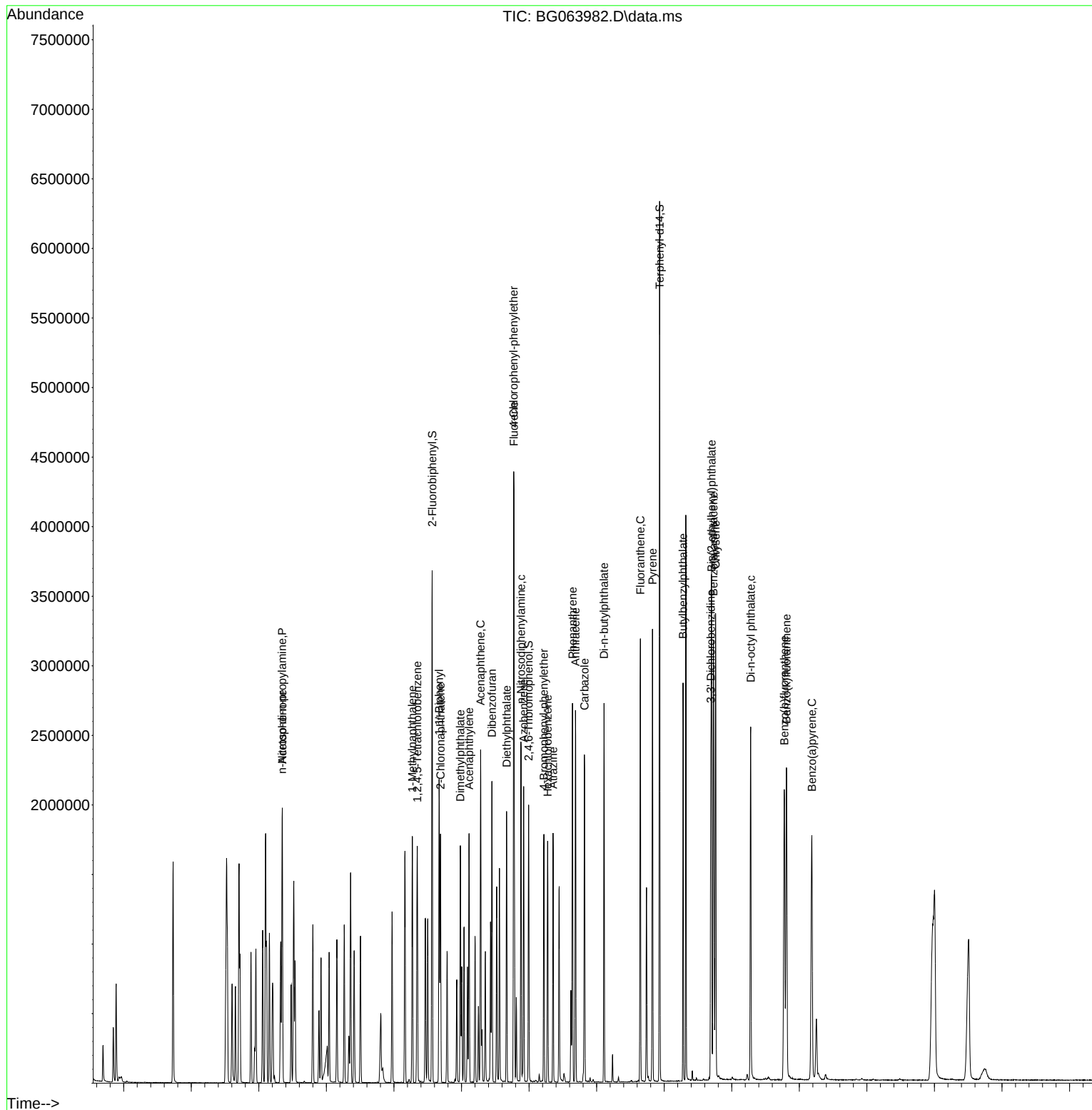
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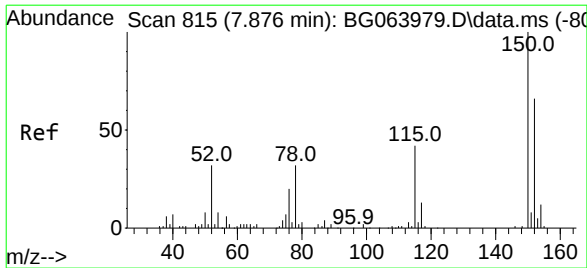
BNA G

ClientSampleId :

SSTDICC080

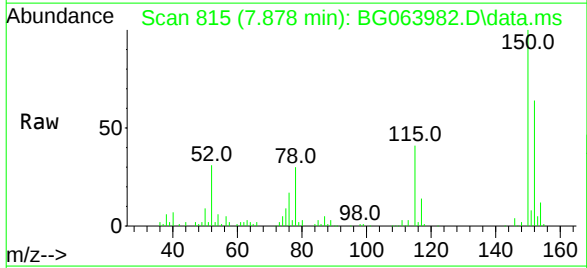
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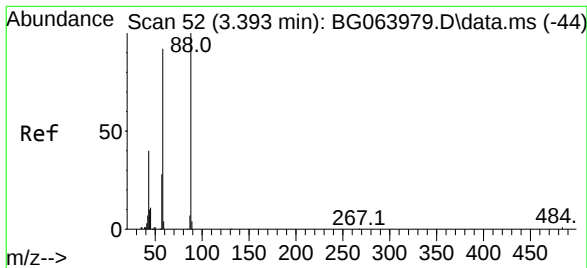
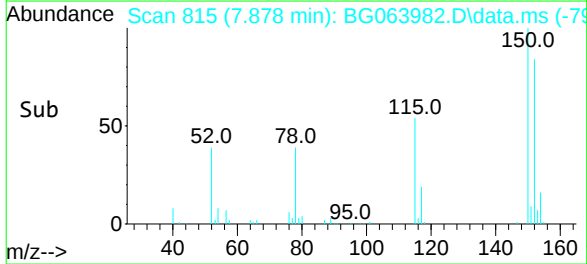
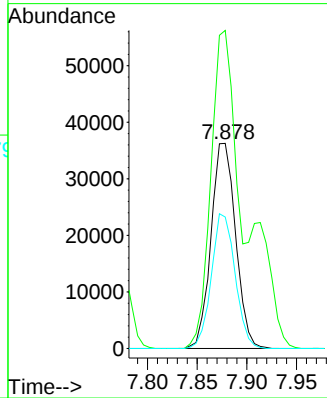


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.878 min Scan# 81
 Delta R.T. 0.002 min
 Lab File: BG063982.D
 Acq: 3 Feb 2025 15:42

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

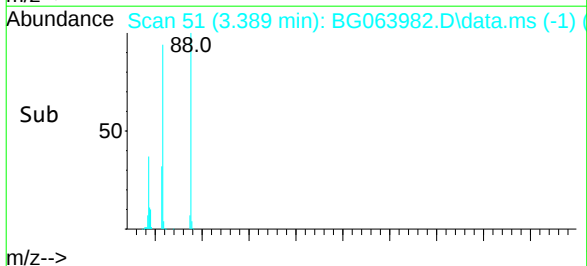
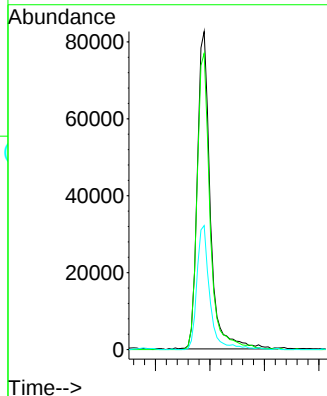
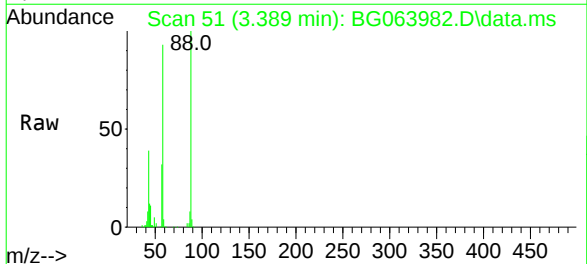


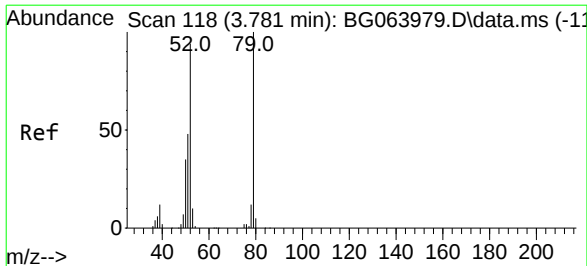
Tgt Ion:152 Resp: 62459
 Ion Ratio Lower Upper
 152 100
 150 155.1 121.0 181.6
 115 64.1 50.4 75.6



#2
 1,4-Dioxane
 Concen: 73.835 ng
 RT: 3.389 min Scan# 51
 Delta R.T. -0.004 min
 Lab File: BG063982.D
 Acq: 3 Feb 2025 15:42

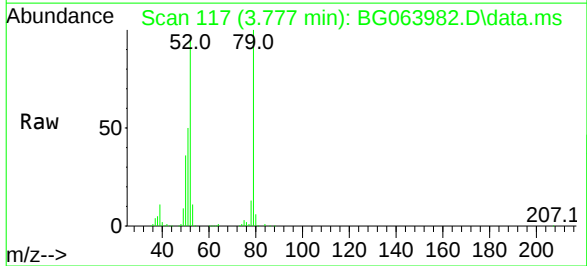
Tgt Ion: 88 Resp: 136601
 Ion Ratio Lower Upper
 88 100
 58 93.6 71.8 107.8
 43 38.6 31.2 46.8



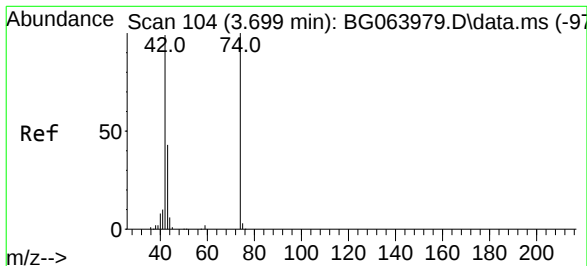
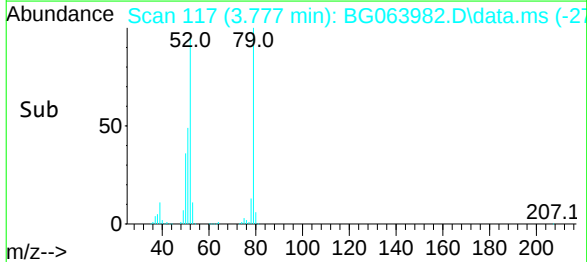
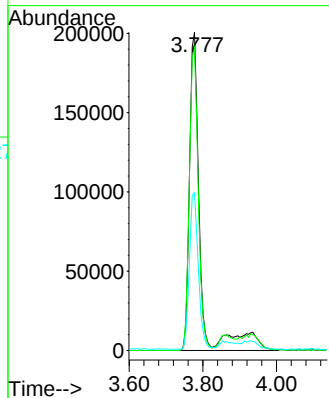


#3
Pyridine
Concen: 80.788 ng m
RT: 3.777 min Scan# 111
Delta R.T. -0.004 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

Instrument :
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ClientSampleId :
SSTDICC080

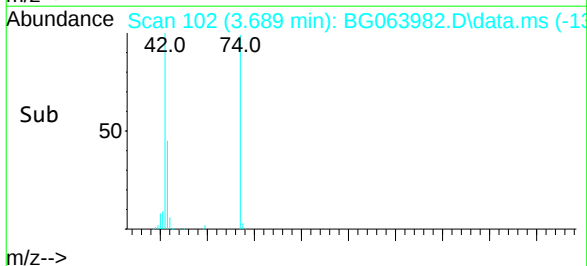
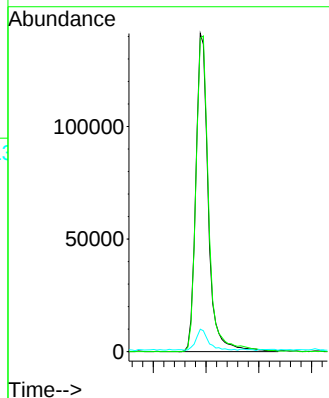
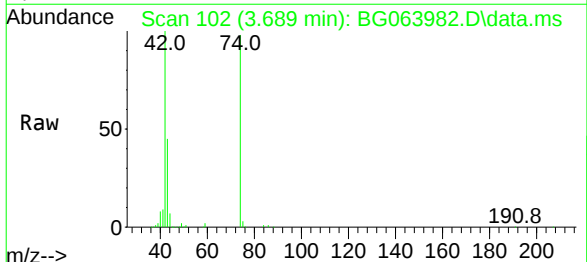


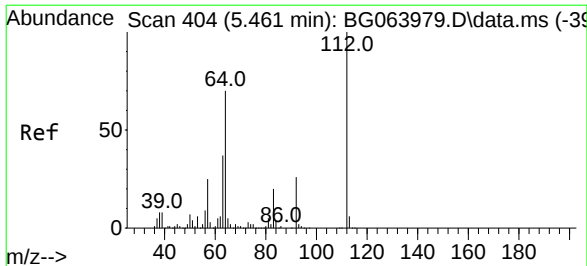
Tgt Ion: 79 Resp: 403771
Ion Ratio Lower Upper
79 100
52 95.1 75.1 112.7
51 49.5 38.9 58.3



#4
n-Nitrosodimethylamine
Concen: 80.620 ng
RT: 3.689 min Scan# 102
Delta R.T. -0.010 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

Tgt Ion: 42 Resp: 231590
Ion Ratio Lower Upper
42 100
74 98.5 80.8 121.2
44 7.0 5.8 8.6

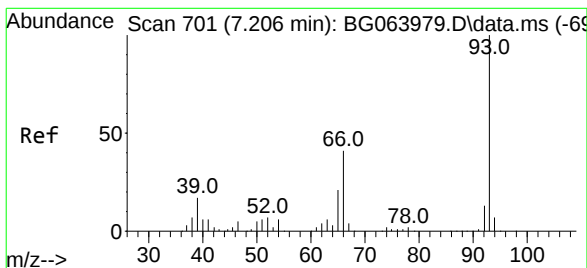
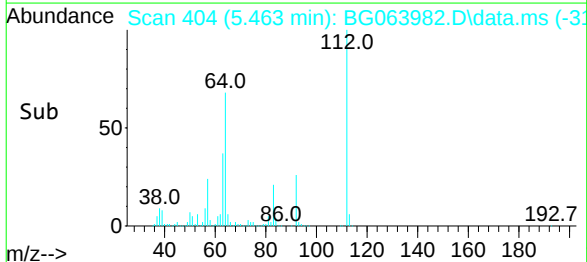
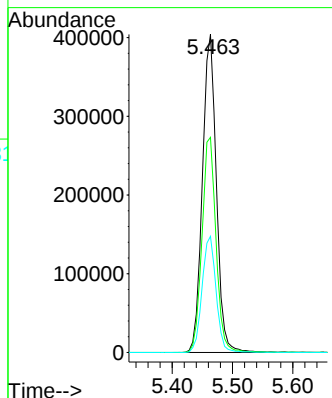
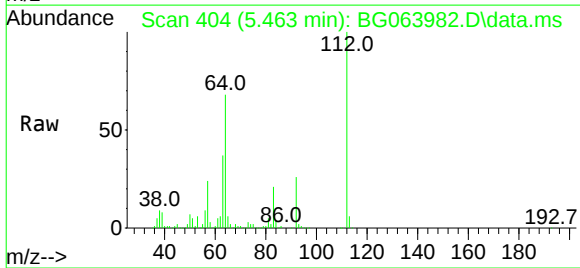




#5
2-Fluorophenol
Concen: 167.085 ng
RT: 5.463 min Scan# 404
Delta R.T. 0.002 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

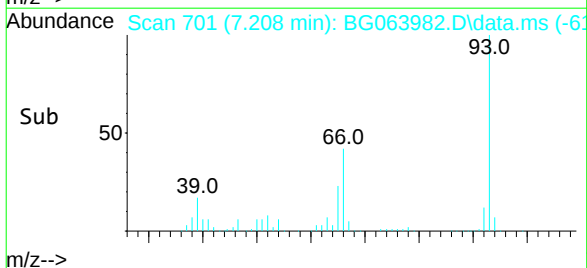
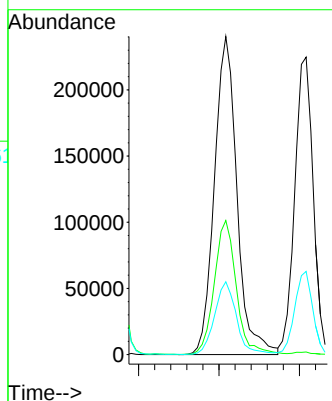
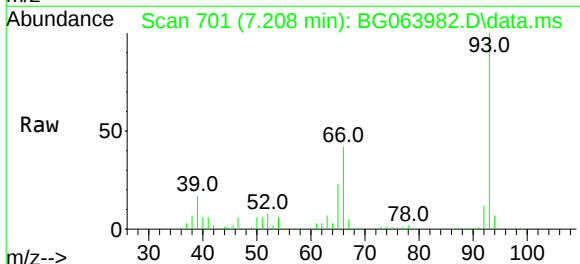
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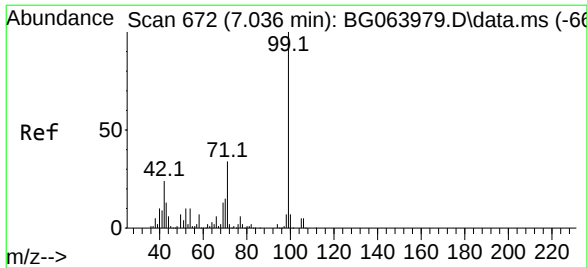
Tgt Ion: 112 Resp: 650899
Ion Ratio Lower Upper
112 100
64 67.6 55.8 83.8
63 36.5 29.3 43.9



#6
Aniline
Concen: 81.738 ng
RT: 7.208 min Scan# 701
Delta R.T. 0.002 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

Tgt Ion: 93 Resp: 468274
Ion Ratio Lower Upper
93 100
66 42.2 32.5 48.7
65 22.9 16.6 25.0

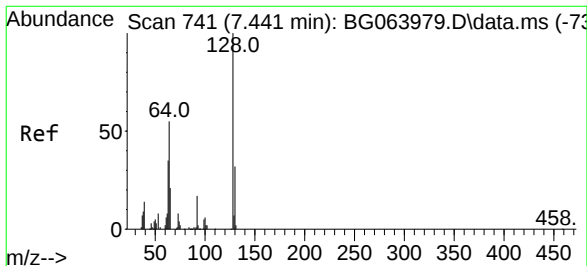
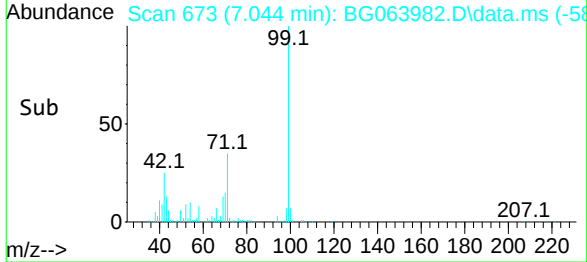
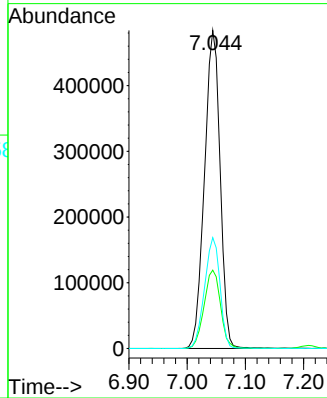
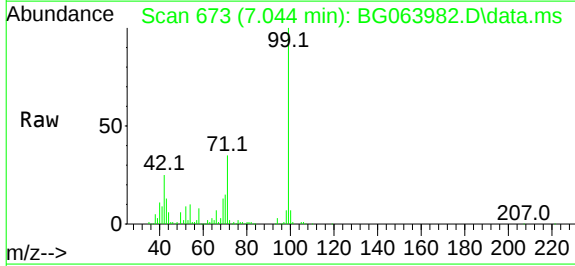




#7
Phenol-d6
Concen: 168.742 ng
RT: 7.044 min Scan# 671
Delta R.T. 0.008 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

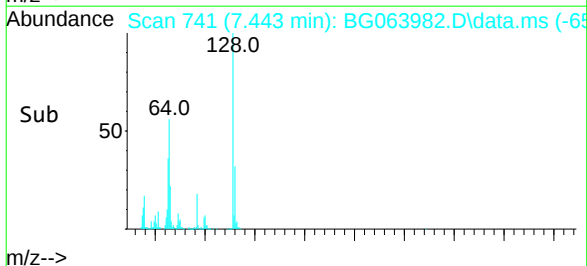
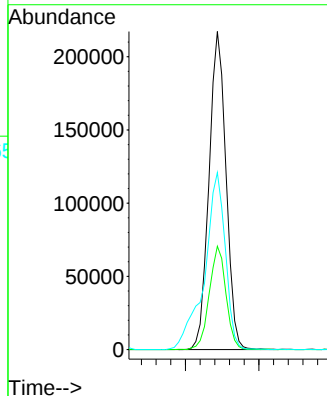
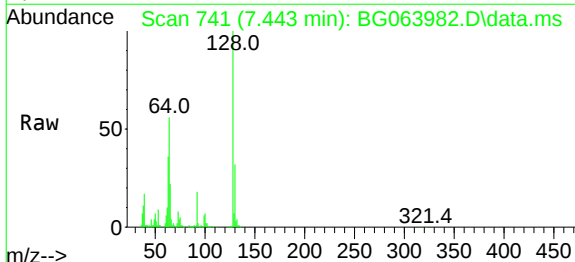
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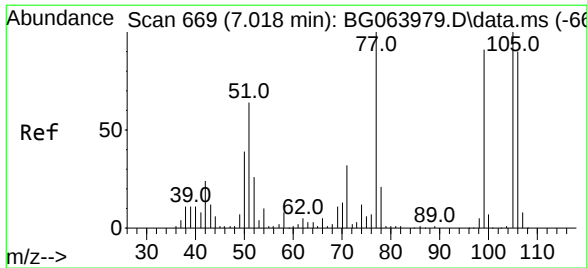
Tgt Ion	Ratio	Lower	Upper
99	100		
42	24.6	18.9	28.3
71	34.8	27.0	40.6



#8
2-Chlorophenol
Concen: 88.064 ng
RT: 7.443 min Scan# 741
Delta R.T. 0.002 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

Tgt Ion	Ratio	Lower	Upper
128	100		
130	32.5	11.9	51.9
64	55.7	36.8	76.8

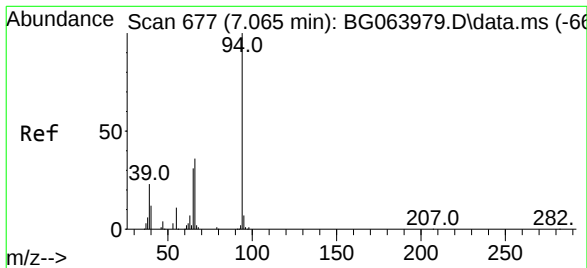
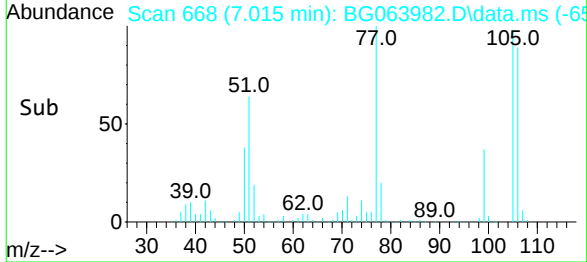
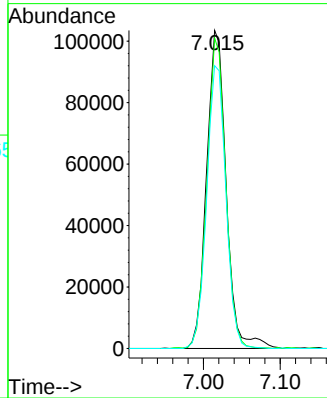
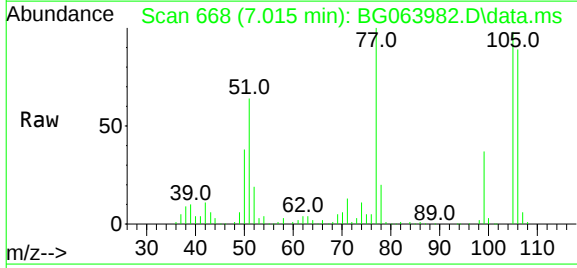




#9
Benzaldehyde
Concen: 62.880 ng
RT: 7.015 min Scan# 668
Delta R.T. -0.004 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

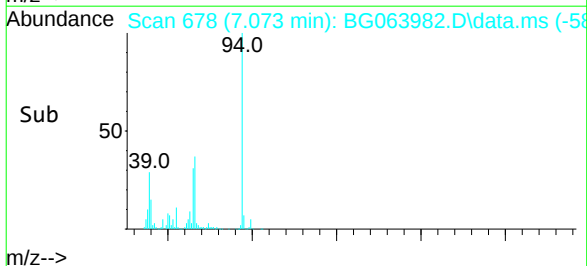
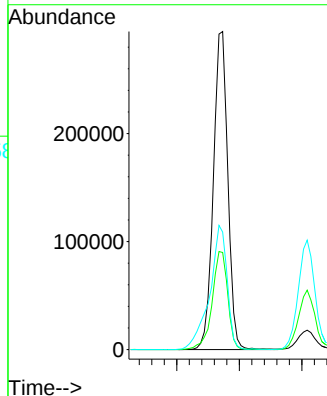
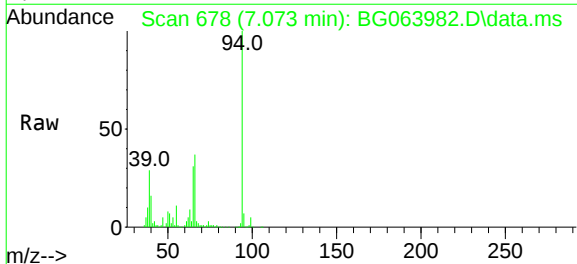
Instrument :
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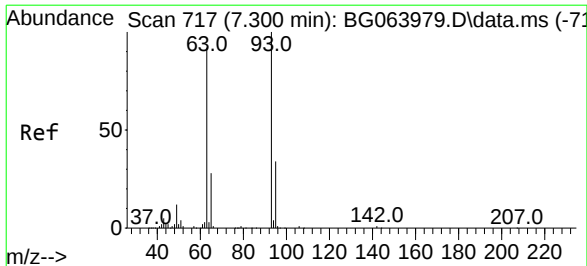
Tgt Ion: 77 Resp: 183513
Ion Ratio Lower Upper
77 100
105 97.5 79.8 119.8
106 88.9 69.9 109.9



#10
Phenol
Concen: 84.063 ng
RT: 7.073 min Scan# 678
Delta R.T. 0.008 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

Tgt Ion: 94 Resp: 473065
Ion Ratio Lower Upper
94 100
65 30.5 11.4 51.4
66 37.0 16.7 56.7

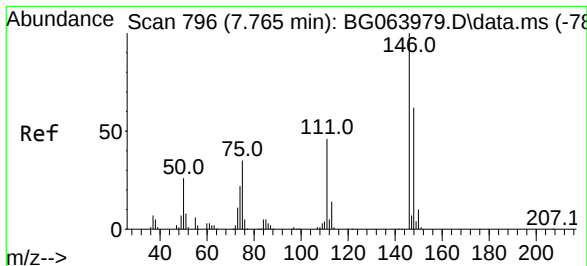
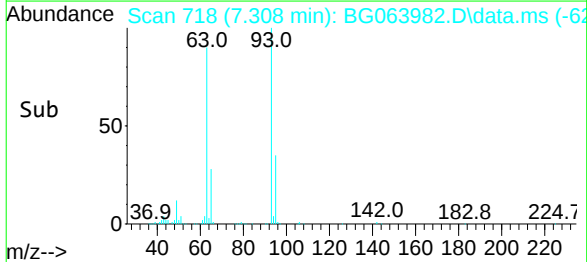
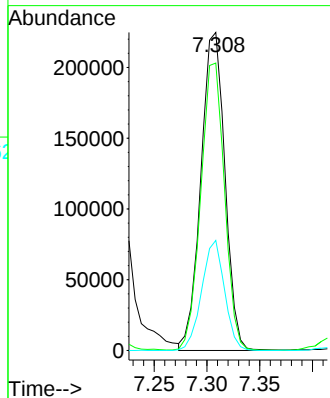
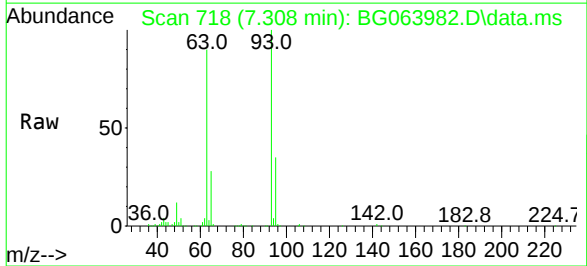




#11
bis(2-Chloroethyl)ether
Concen: 78.709 ng
RT: 7.308 min Scan# 717
Delta R.T. 0.008 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

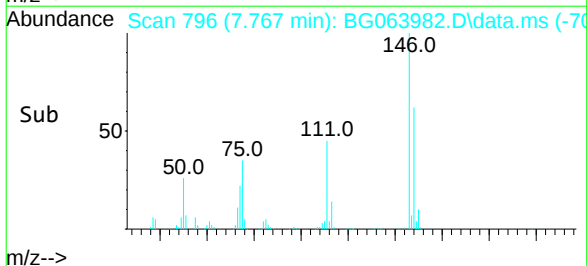
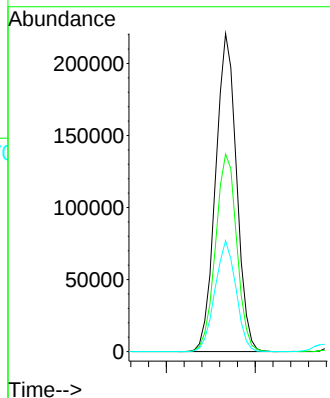
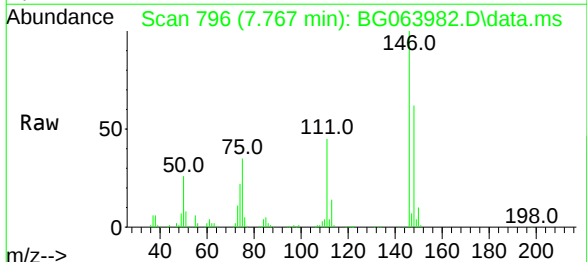
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

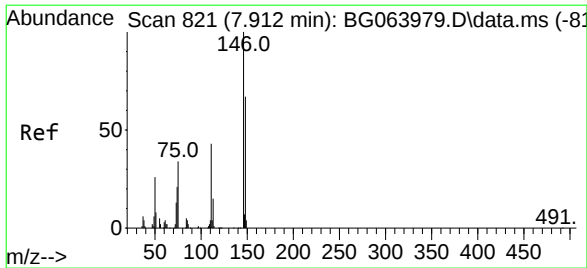
Tgt Ion: 93 Resp: 356668
Ion Ratio Lower Upper
93 100
63 90.4 71.2 111.2
95 34.6 13.9 53.9



#12
1,3-Dichlorobenzene
Concen: 76.511 ng
RT: 7.767 min Scan# 796
Delta R.T. 0.002 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

Tgt Ion: 146 Resp: 361404
Ion Ratio Lower Upper
146 100
148 62.1 49.6 74.4
75 34.9 27.8 41.8

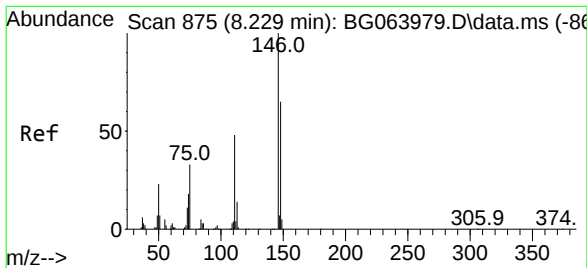
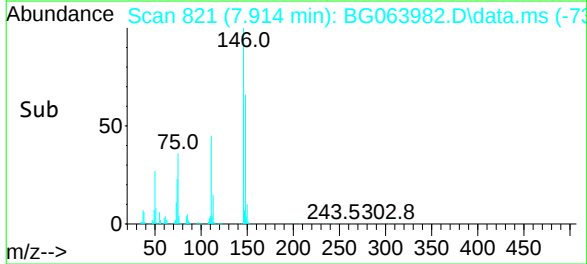
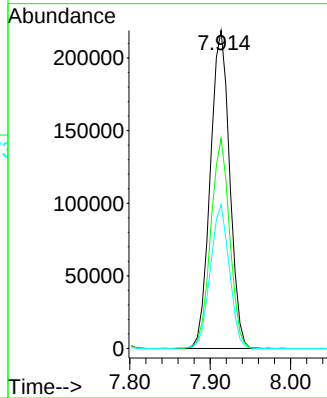
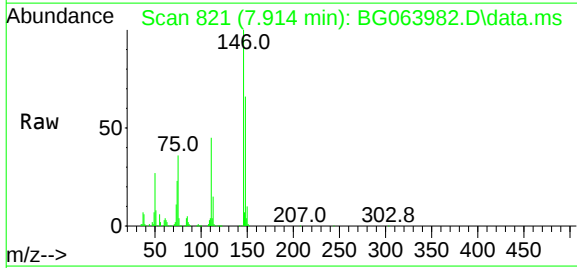




#13
1,4-Dichlorobenzene
Concen: 76.698 ng
RT: 7.914 min Scan# 821
Delta R.T. 0.002 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

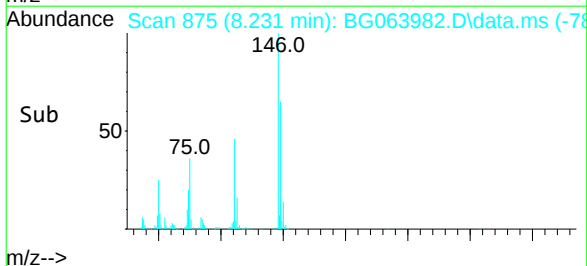
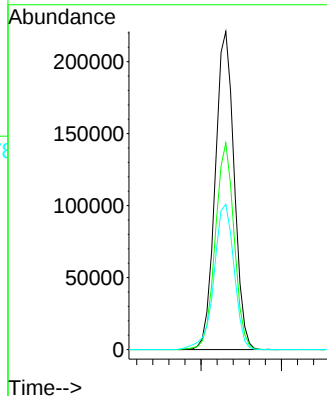
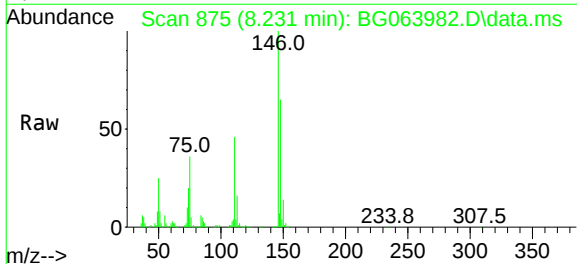
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

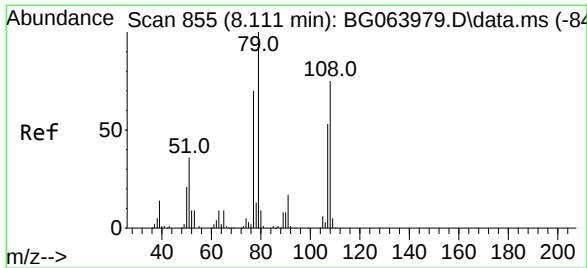
Tgt Ion:146 Resp: 365887
Ion Ratio Lower Upper
146 100
148 66.1 53.3 79.9
111 45.3 34.8 52.2



#14
1,2-Dichlorobenzene
Concen: 79.004 ng
RT: 8.231 min Scan# 875
Delta R.T. 0.002 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

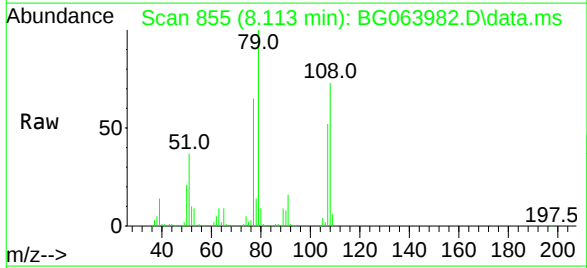
Tgt Ion:146 Resp: 361228
Ion Ratio Lower Upper
146 100
148 65.0 52.0 78.0
111 45.7 38.2 57.2





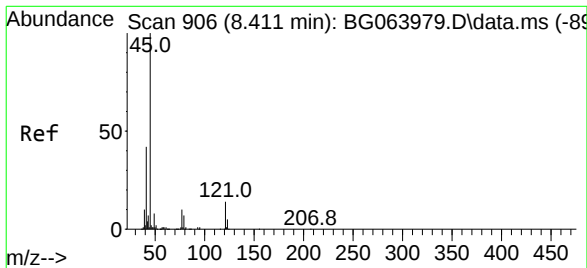
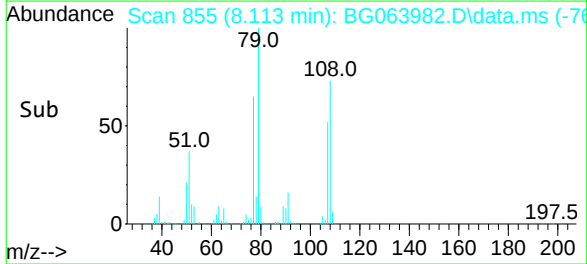
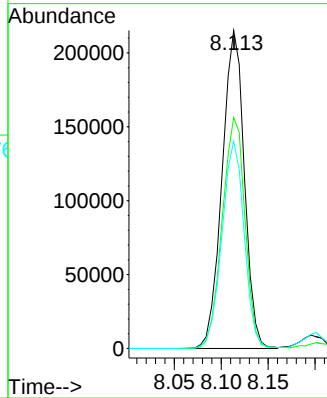
#15
Benzyl Alcohol
Concen: 88.766 ng
RT: 8.113 min Scan# 855
Delta R.T. 0.002 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 354699

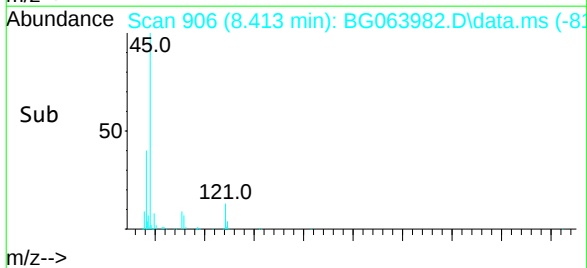
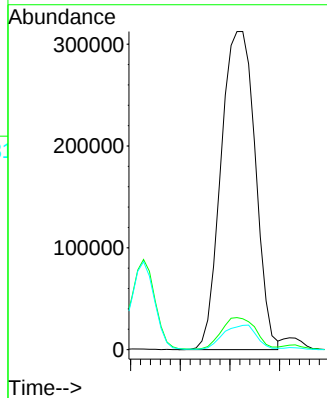
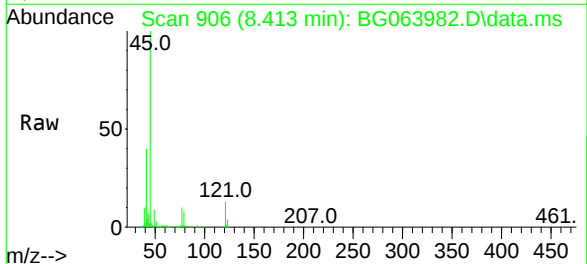
Ion	Ratio	Lower	Upper
79	100		
108	72.6	60.3	90.5
77	65.2	55.8	83.8

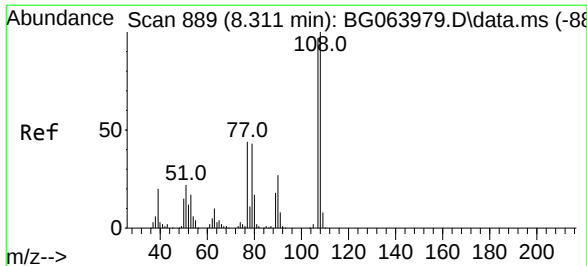


#16
2,2'-oxybis(1-Chloropropane)
Concen: 82.015 ng
RT: 8.413 min Scan# 906
Delta R.T. 0.002 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

Tgt Ion: 45 Resp: 748382

Ion	Ratio	Lower	Upper
45	100		
77	9.7	0.0	29.8
79	7.6	0.0	27.7

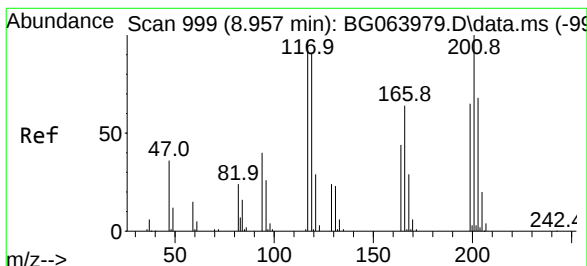
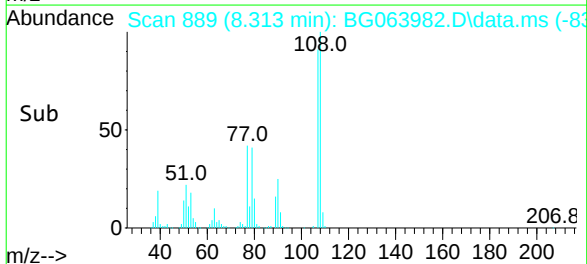
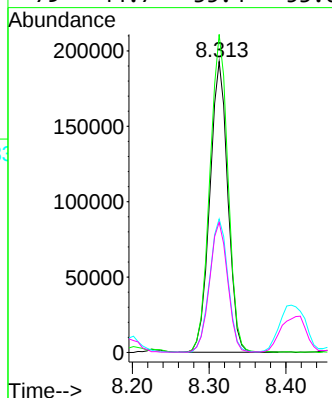
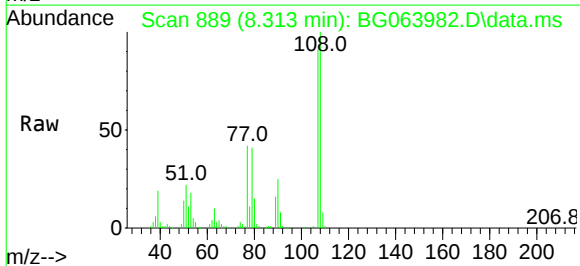




#17
2-Methylphenol
Concen: 86.082 ng
RT: 8.313 min Scan# 889
Delta R.T. 0.002 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

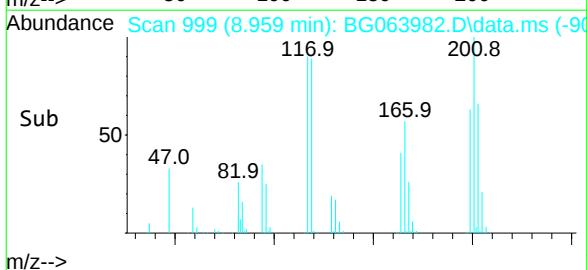
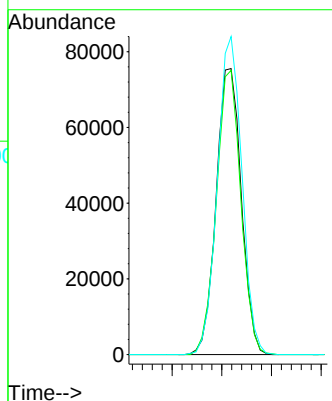
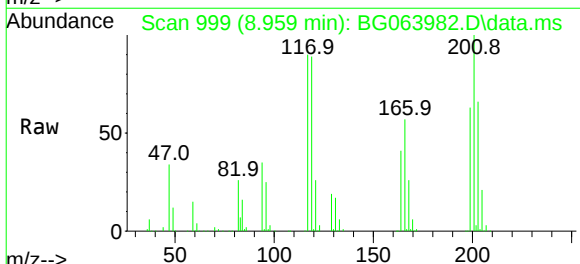
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

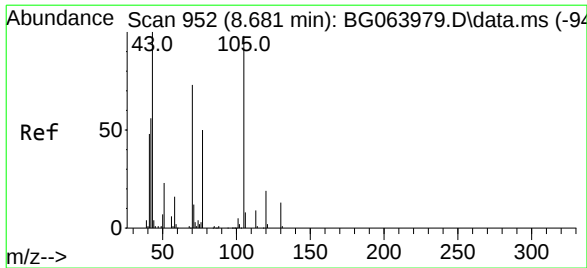
Tgt Ion:	107	Resp:	313301
Ion	Ratio	Lower	Upper
107	100		
108	109.3	82.9	124.3
77	45.9	36.4	54.6
79	44.7	35.4	53.0



#18
Hexachloroethane
Concen: 84.647 ng
RT: 8.959 min Scan# 999
Delta R.T. 0.002 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

Tgt Ion:	117	Resp:	132894
Ion	Ratio	Lower	Upper
117	100		
119	99.4	75.4	113.0
201	111.2	82.4	123.6

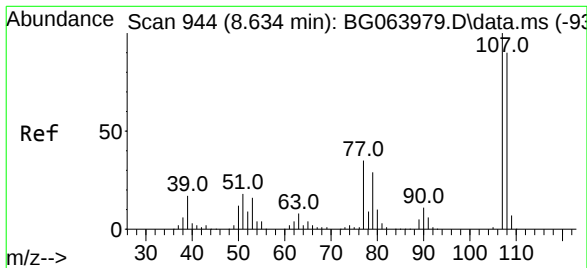
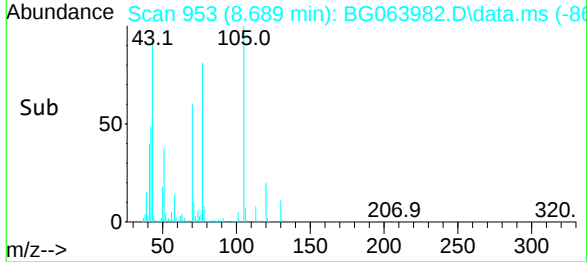
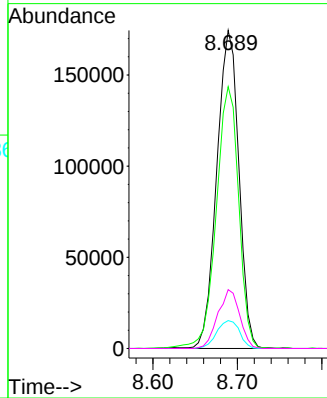
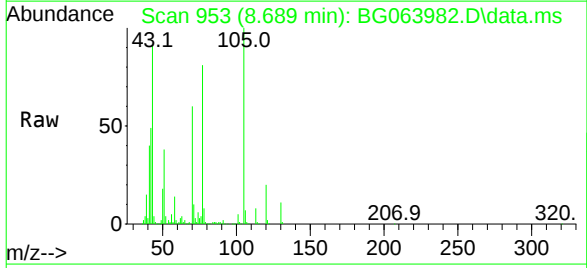




#19
n-Nitroso-di-n-propylamine
Concen: 85.624 ng
RT: 8.689 min Scan# 95
Delta R.T. 0.008 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

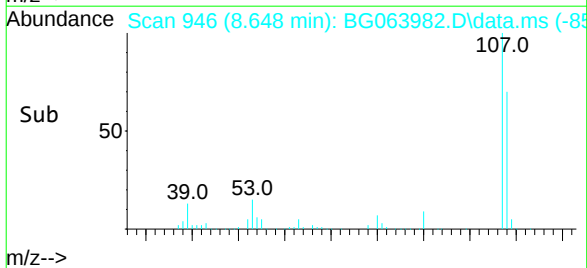
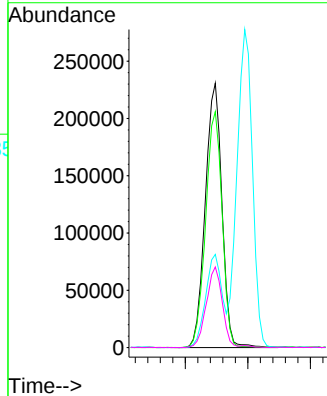
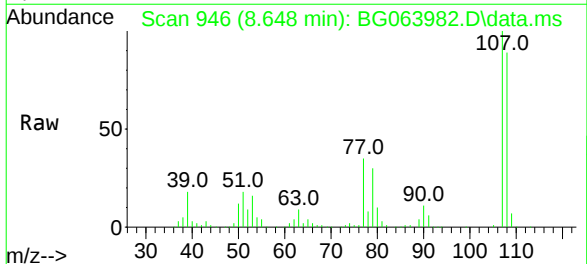
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

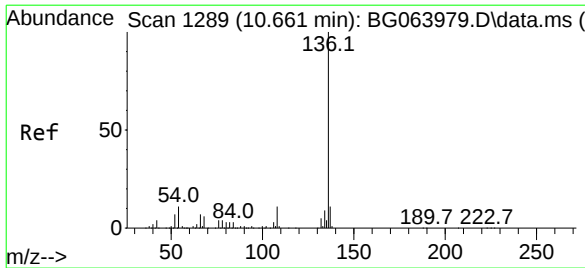
Tgt Ion: 70 Resp: 316993
Ion Ratio Lower Upper
70 100
42 82.3 62.2 93.4
101 8.8 5.6 8.4#
130 18.5 13.8 20.6



#20
3+4-Methylphenols
Concen: 88.016 ng
RT: 8.648 min Scan# 946
Delta R.T. 0.014 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

Tgt Ion: 107 Resp: 426775
Ion Ratio Lower Upper
107 100
108 89.2 70.0 110.0
77 35.2 15.2 55.2
79 30.5 9.1 49.1

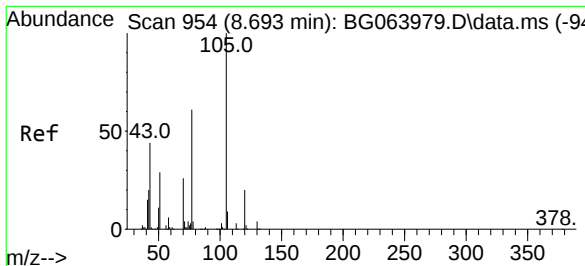
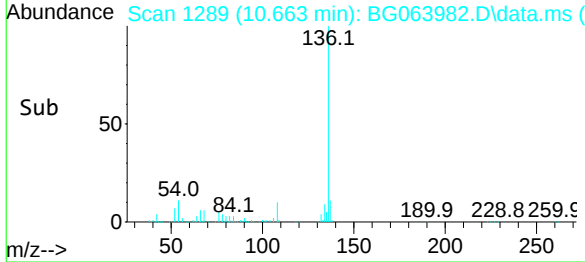
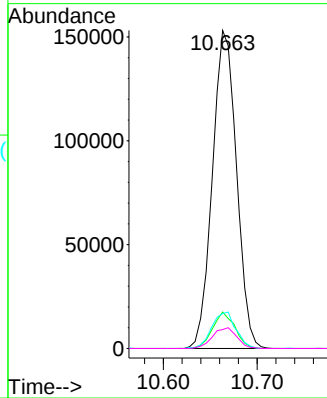
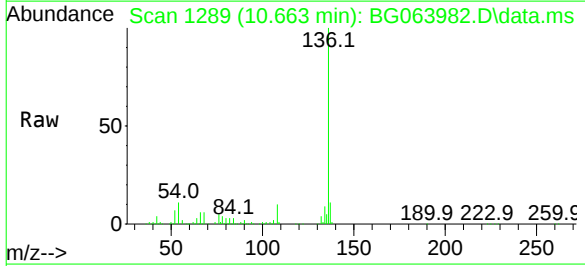




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1289
Delta R.T. 0.002 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

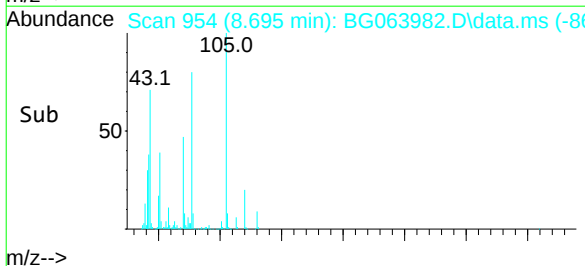
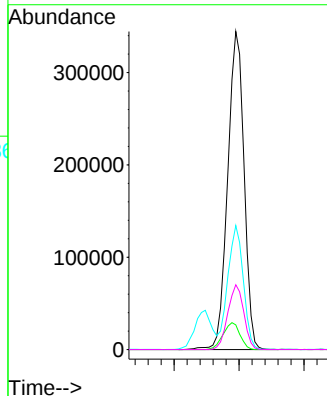
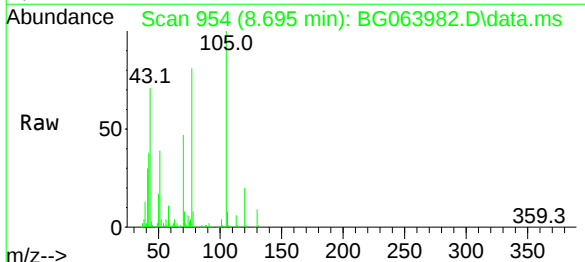
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

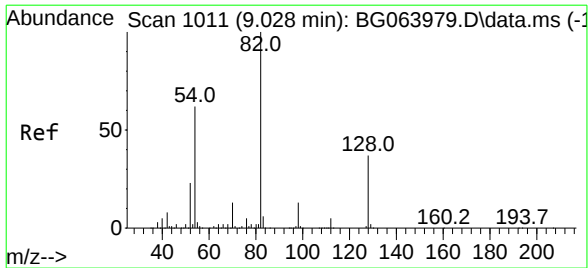
Tgt Ion:	136	Resp:	273389
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	11.0	9.2	13.8
68	5.9	5.1	7.7



#22
Acetophenone
Concen: 80.330 ng
RT: 8.695 min Scan# 954
Delta R.T. 0.002 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

Tgt Ion:	105	Resp:	603404
Ion	Ratio	Lower	Upper
105	100		
71	7.8	3.1	4.7#
51	39.0	29.9	44.9
120	20.4	16.0	24.0





#23

Nitrobenzene-d5

Concen: 186.683 ng

RT: 9.036 min Scan# 1011

Delta R.T. 0.008 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

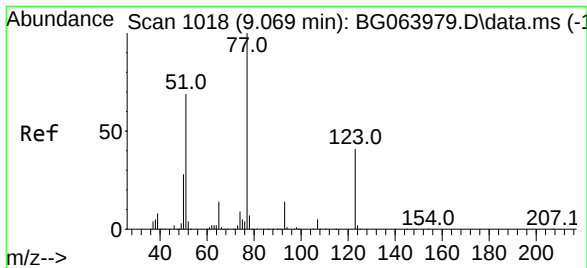
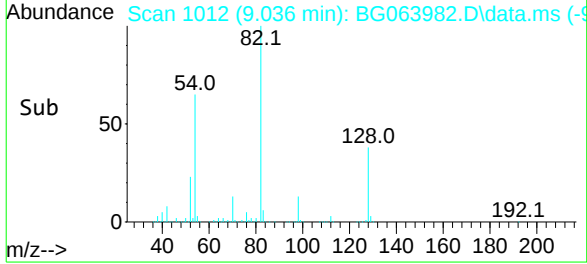
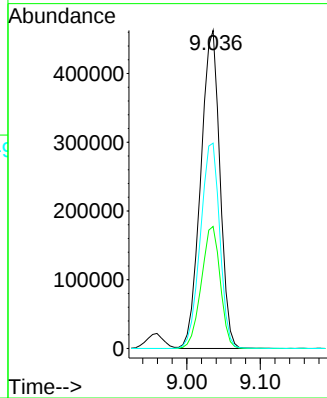
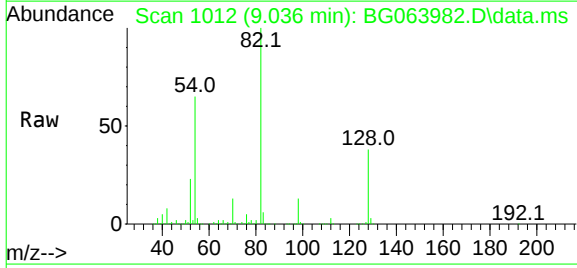
Tgt Ion: 82 Resp: 839767

Ion Ratio Lower Upper

82 100

128 38.4 29.4 44.2

54 64.6 49.9 74.9



#24

Nitrobenzene

Concen: 80.742 ng

RT: 9.077 min Scan# 1019

Delta R.T. 0.008 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

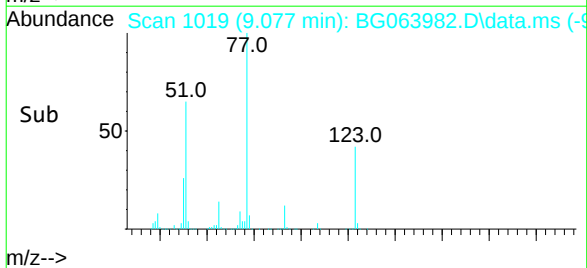
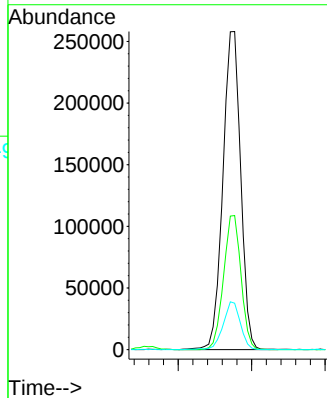
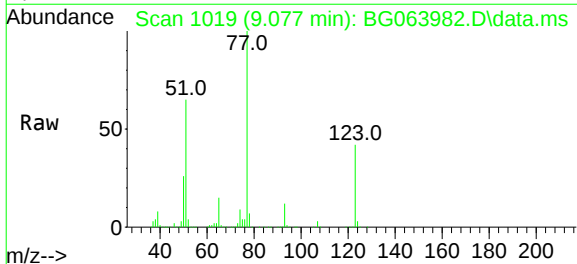
Tgt Ion: 77 Resp: 434588

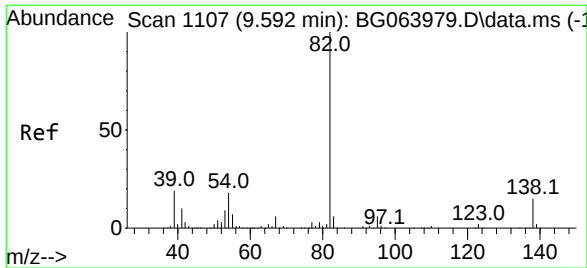
Ion Ratio Lower Upper

77 100

123 42.1 32.9 49.3

65 14.6 11.0 16.6





#25

Isophorone

Concen: 84.466 ng

RT: 9.600 min Scan# 1107

Delta R.T. 0.008 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

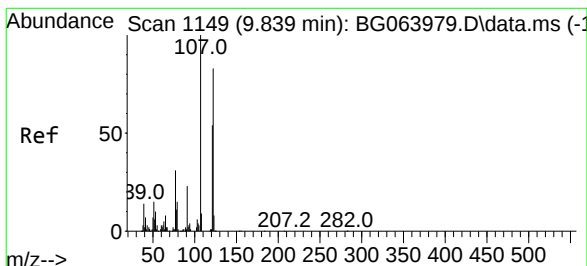
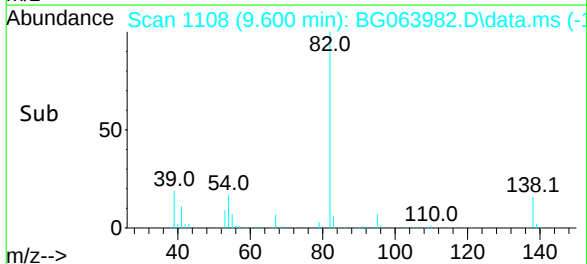
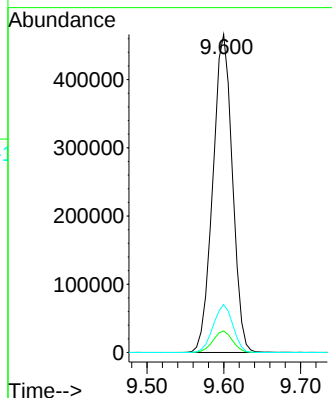
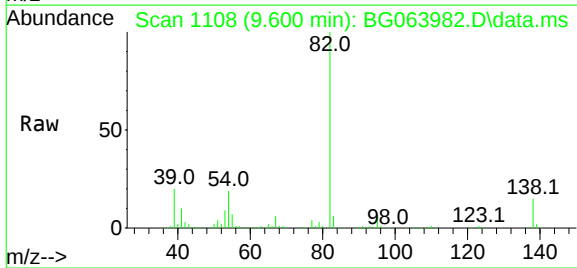
Tgt Ion: 82 Resp: 823666

Ion Ratio Lower Upper

82 100

95 6.8 5.0 7.4

138 15.0 12.2 18.4



#27

2,4-Dimethylphenol

Concen: 89.211 ng

RT: 9.841 min Scan# 1149

Delta R.T. 0.002 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

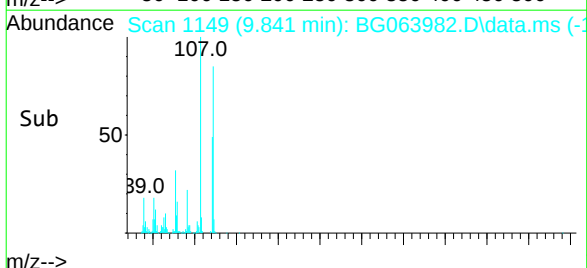
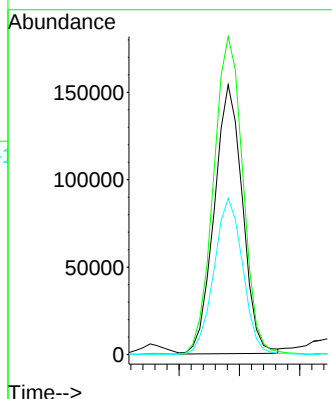
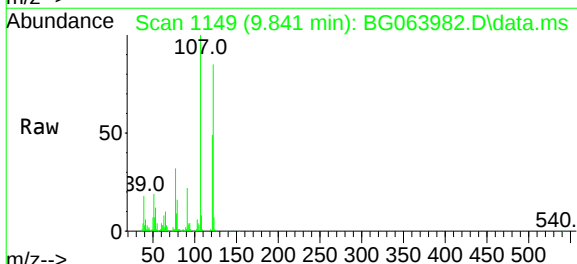
Tgt Ion:122 Resp: 250246

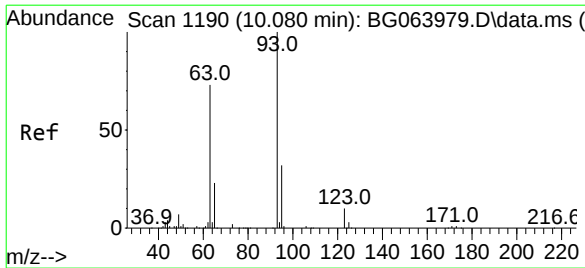
Ion Ratio Lower Upper

122 100

107 117.9 96.4 144.6

121 58.0 51.8 77.6

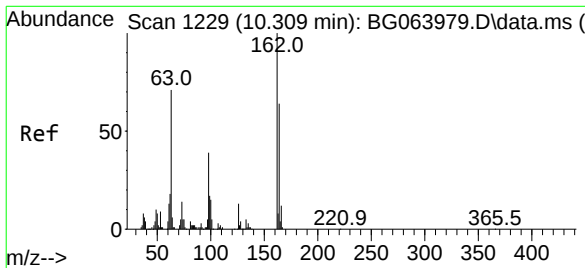
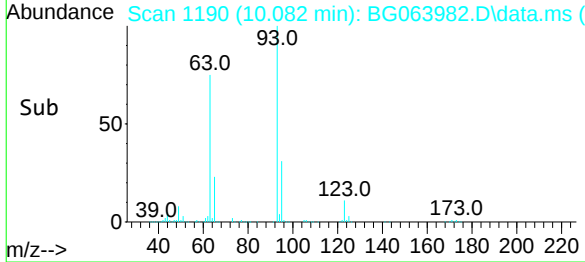
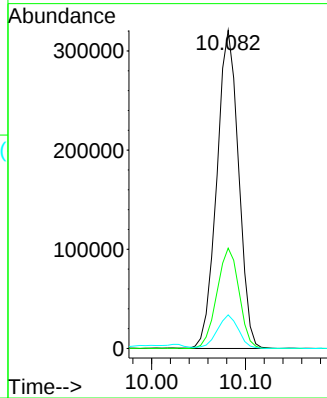
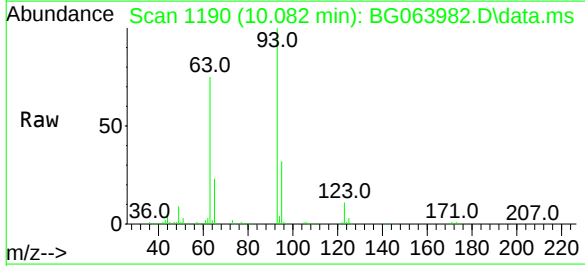




#28
bis(2-Chloroethoxy)methane
Concen: 83.457 ng
RT: 10.082 min Scan# 1190
Delta R.T. 0.002 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

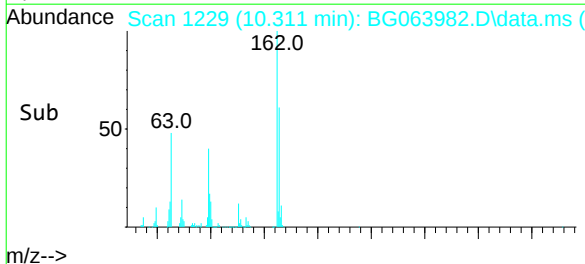
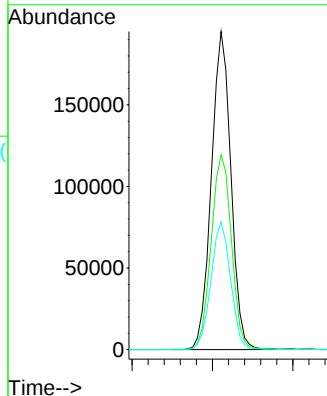
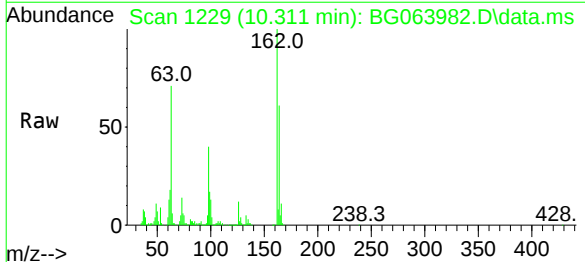
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

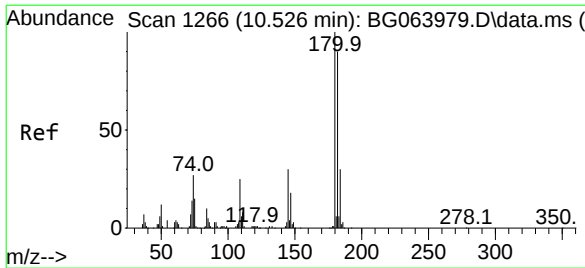
Tgt Ion: 93 Resp: 517846
Ion Ratio Lower Upper
93 100
95 31.5 25.4 38.2
123 10.6 7.8 11.6



#29
2,4-Dichlorophenol
Concen: 81.039 ng
RT: 10.311 min Scan# 1229
Delta R.T. 0.002 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

Tgt Ion:162 Resp: 329456
Ion Ratio Lower Upper
162 100
164 61.2 43.6 83.6
98 40.2 18.6 58.6





#30

1,2,4-Trichlorobenzene

Concen: 80.656 ng

RT: 10.528 min Scan# 1266

Delta R.T. 0.002 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

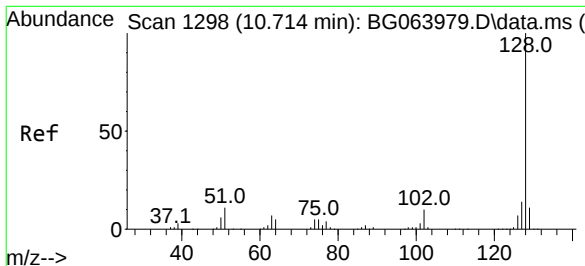
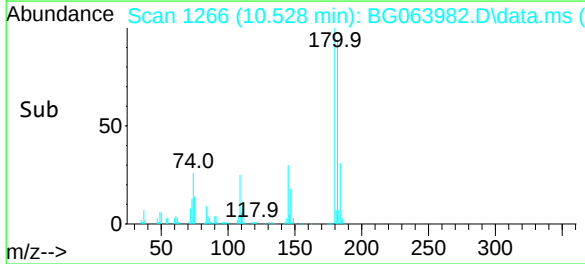
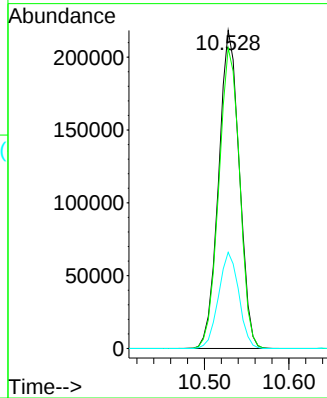
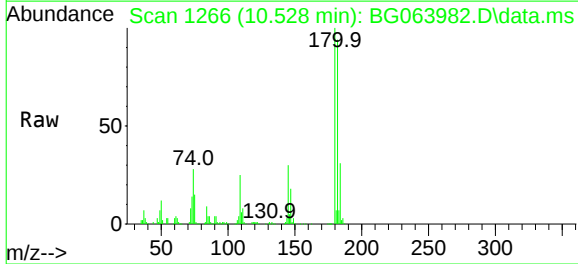
Tgt Ion:180 Resp: 371697

Ion Ratio Lower Upper

180 100

182 94.5 72.3 108.5

145 30.2 23.8 35.8



#31

Naphthalene

Concen: 80.482 ng

RT: 10.716 min Scan# 1298

Delta R.T. 0.002 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

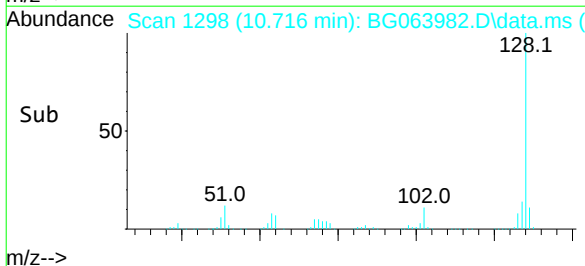
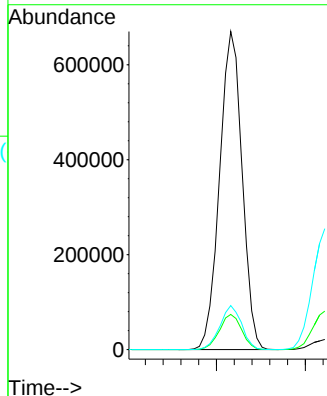
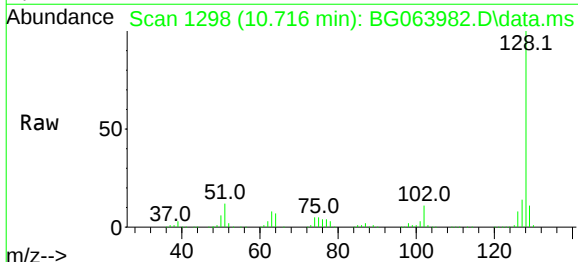
Tgt Ion:128 Resp: 1179655

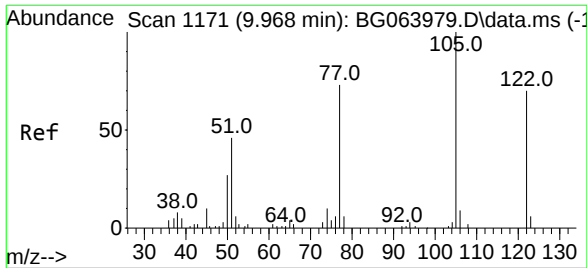
Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.8 10.8 16.2





#32

Benzoic acid

Concen: 79.387 ng m

RT: 10.023 min Scan# 11

Delta R.T. 0.055 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

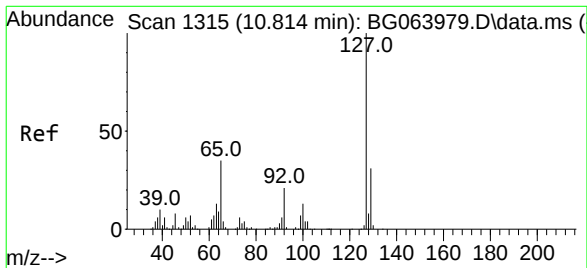
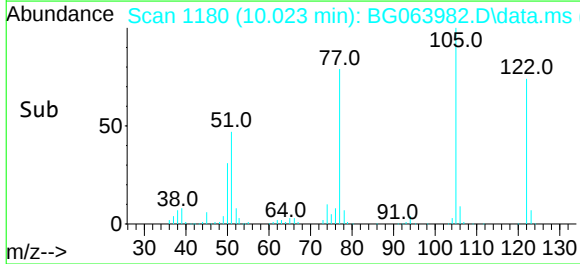
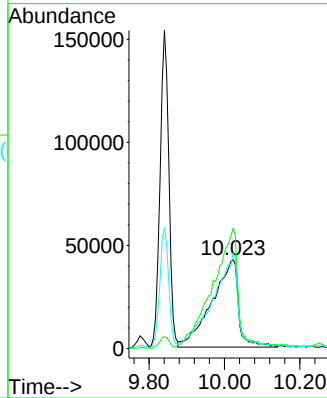
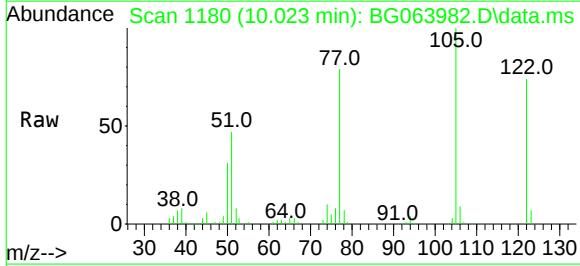
Tgt Ion:122 Resp: 207541

Ion Ratio Lower Upper

122 100

105 135.1 117.9 157.9

77 107.0 83.9 123.9



#33

4-Chloroaniline

Concen: 83.625 ng

RT: 10.822 min Scan# 1316

Delta R.T. 0.008 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

Tgt Ion:127 Resp: 469625

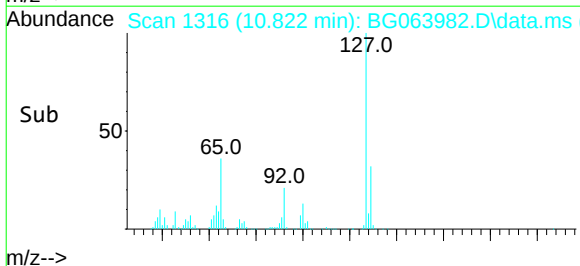
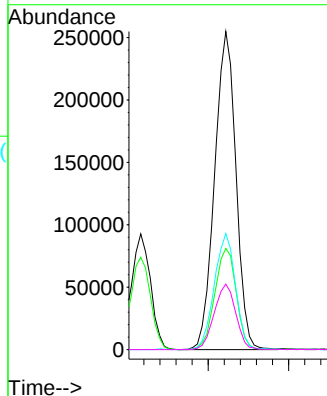
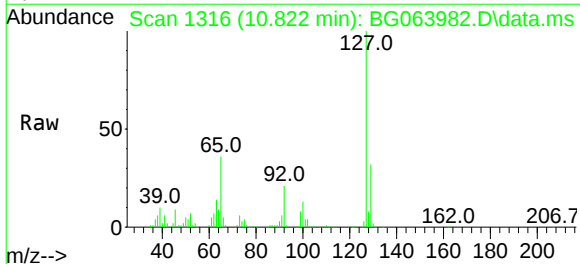
Ion Ratio Lower Upper

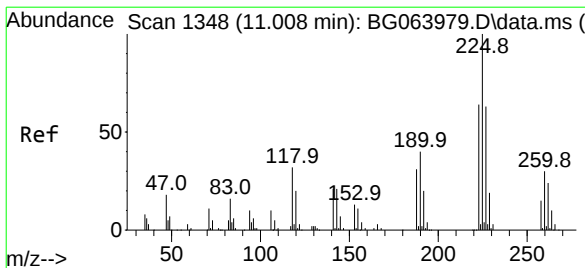
127 100

129 31.8 24.9 37.3

65 36.5 28.2 42.4

92 20.6 16.9 25.3





#34

Hexachlorobutadiene

Concen: 81.081 ng

RT: 11.010 min Scan# 13

Delta R.T. 0.002 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

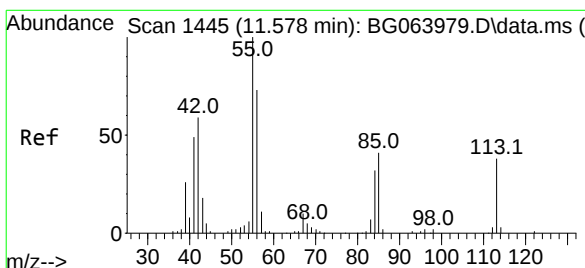
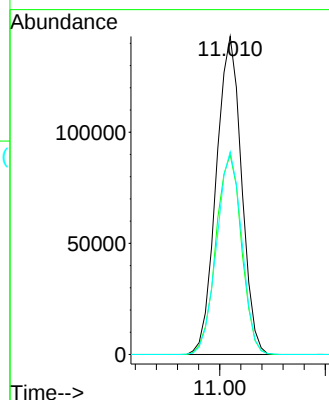
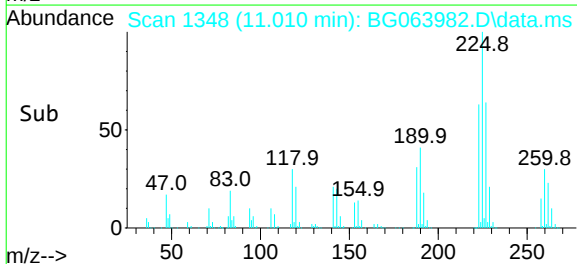
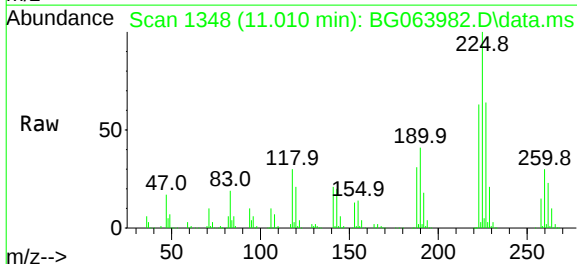
Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:	225	Resp:	237954
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.0	76.6
227	63.7	50.3	75.5



#35

Caprolactam

Concen: 77.841 ng m

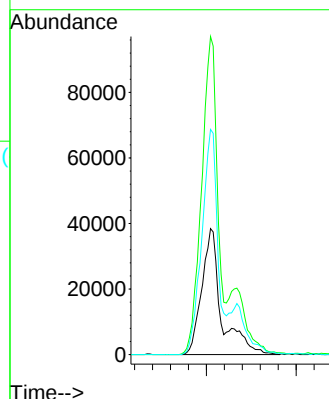
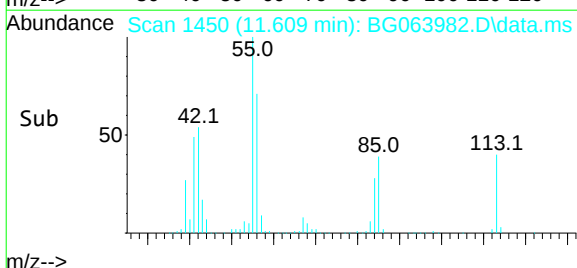
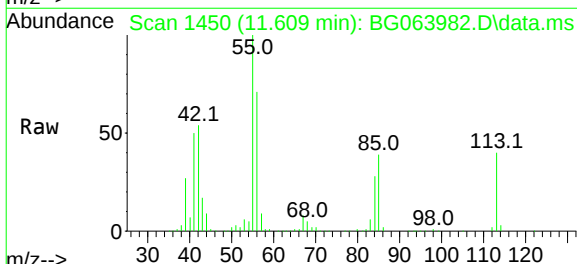
RT: 11.609 min Scan# 1450

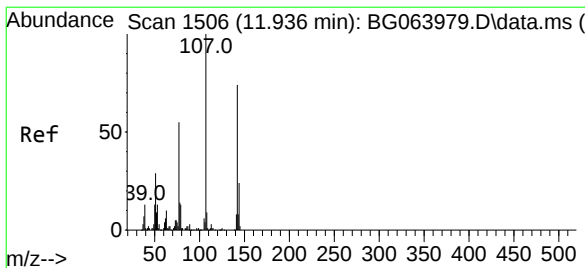
Delta R.T. 0.031 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

Tgt Ion:	113	Resp:	117009
Ion	Ratio	Lower	Upper
113	100		
55	252.5	241.8	281.8
56	178.8	171.5	211.5

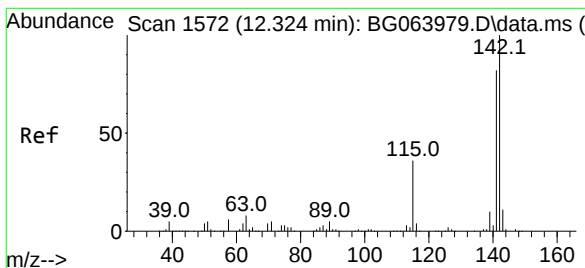
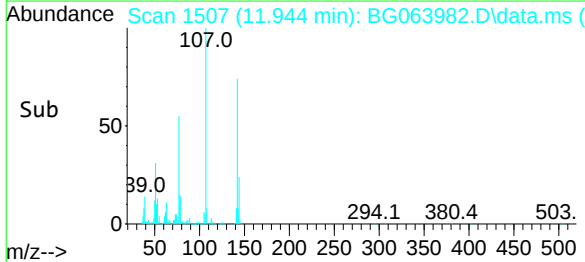
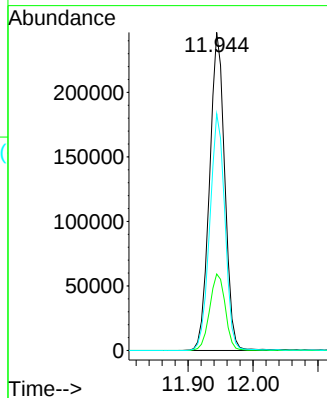
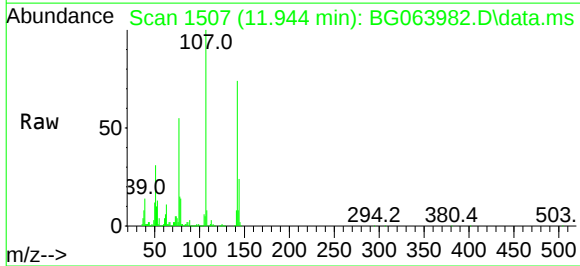




#36
4-Chloro-3-methylphenol
Concen: 89.317 ng
RT: 11.944 min Scan# 1506
Delta R.T. 0.008 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

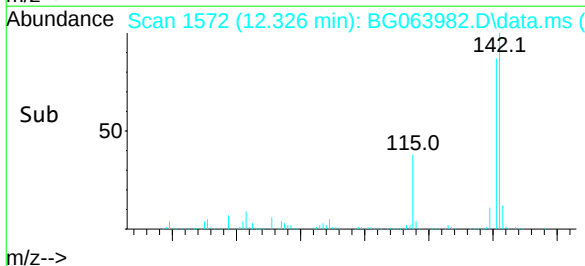
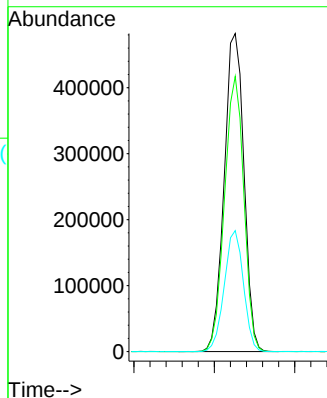
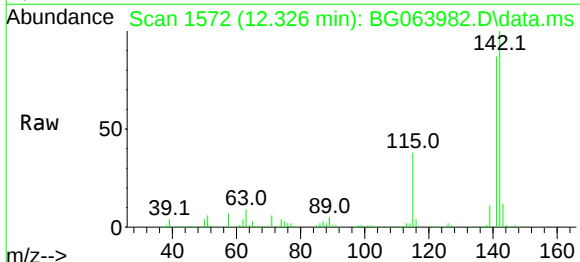
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

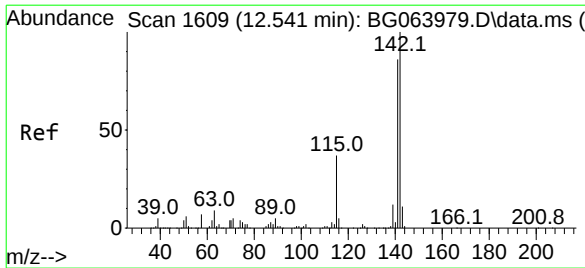
Tgt Ion:107 Resp: 401026
Ion Ratio Lower Upper
107 100
144 24.0 19.2 28.8
142 74.4 58.9 88.3



#37
2-Methylnaphthalene
Concen: 80.688 ng
RT: 12.326 min Scan# 1572
Delta R.T. 0.002 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

Tgt Ion:142 Resp: 824161
Ion Ratio Lower Upper
142 100
141 86.5 65.8 98.8
115 38.0 28.9 43.3





#38

1-Methylnaphthalene

Concen: 80.698 ng

RT: 12.543 min Scan# 1609

Delta R.T. 0.002 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

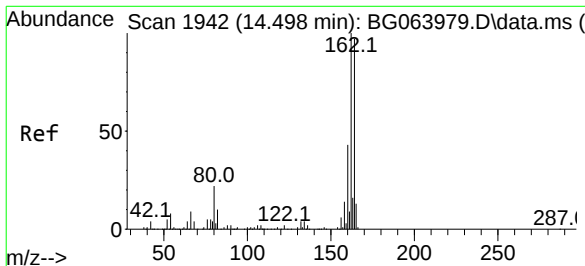
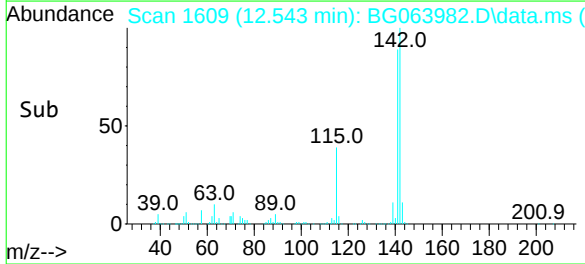
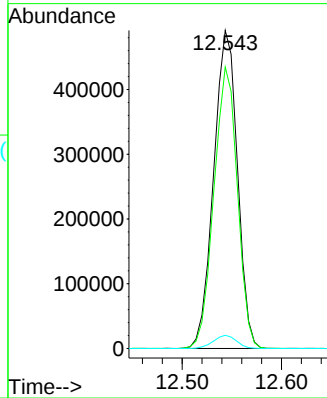
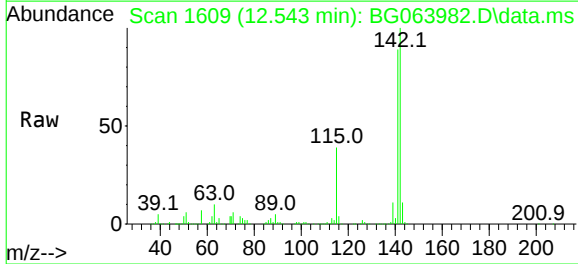
Tgt Ion:142 Resp: 815579

Ion Ratio Lower Upper

142 100

141 88.5 69.2 103.8

116 4.2 3.6 5.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.500 min Scan# 1942

Delta R.T. 0.002 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

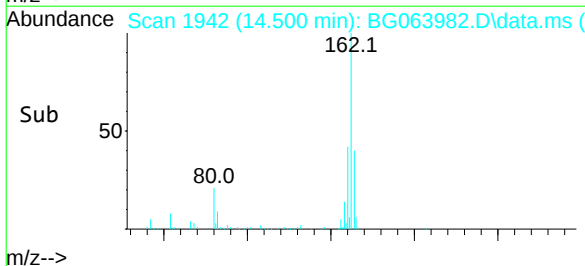
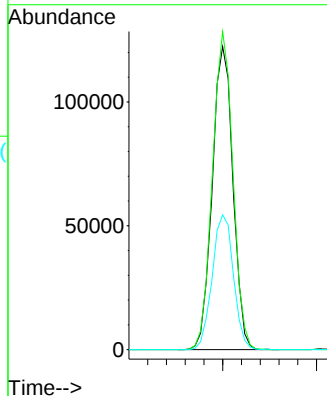
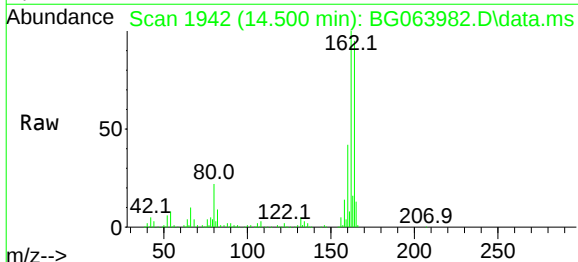
Tgt Ion:164 Resp: 186977

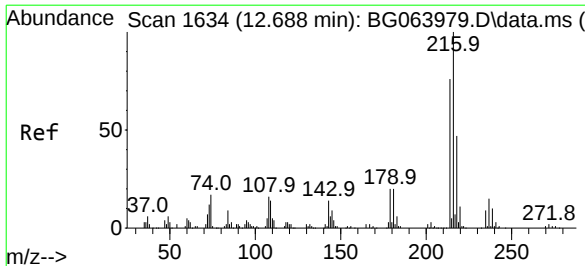
Ion Ratio Lower Upper

164 100

162 105.0 82.3 123.5

160 44.5 35.4 53.0





#40

1,2,4,5-Tetrachlorobenzene

Concen: 80.354 ng

RT: 12.690 min Scan# 1634

Delta R.T. 0.002 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:216 Resp: 443056

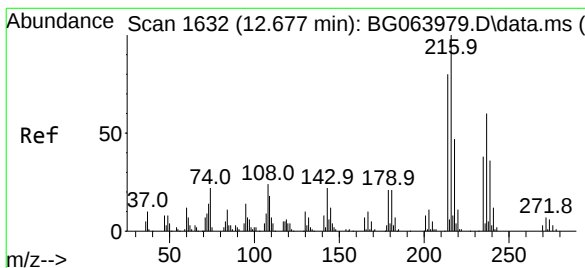
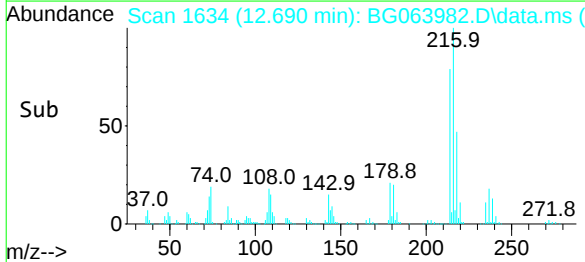
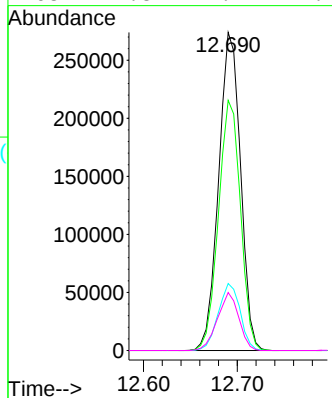
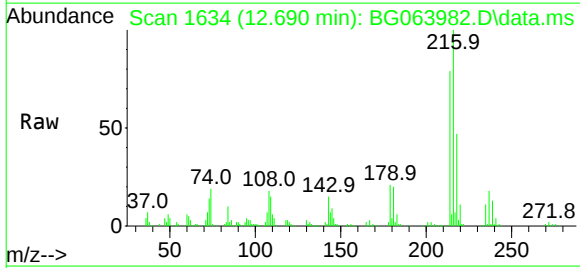
Ion Ratio Lower Upper

216 100

214 79.1 62.9 94.3

179 21.1 16.6 25.0

108 17.8 14.2 21.4



#41

Hexachlorocyclopentadiene

Concen: 96.043 ng

RT: 12.679 min Scan# 1632

Delta R.T. 0.002 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

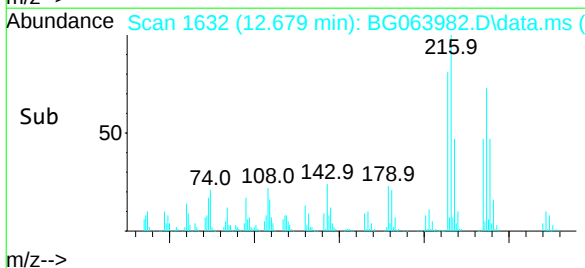
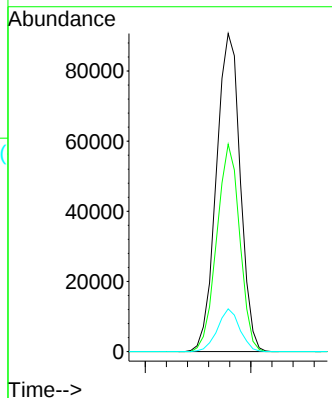
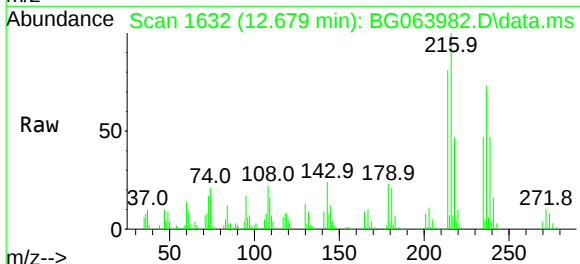
Tgt Ion:237 Resp: 142868

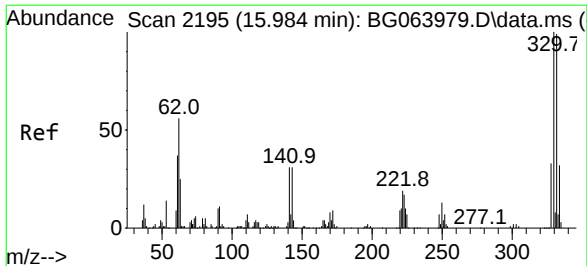
Ion Ratio Lower Upper

237 100

235 65.2 43.8 83.8

272 13.4 0.0 32.3

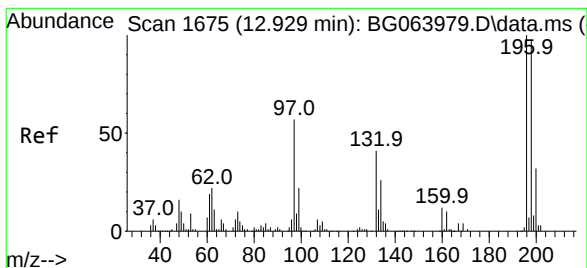
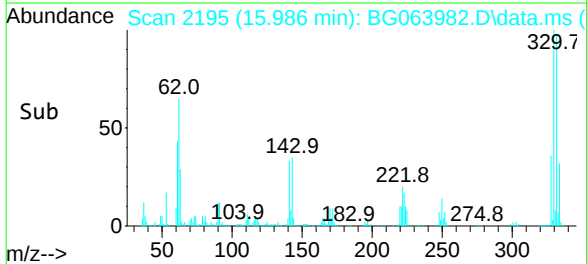
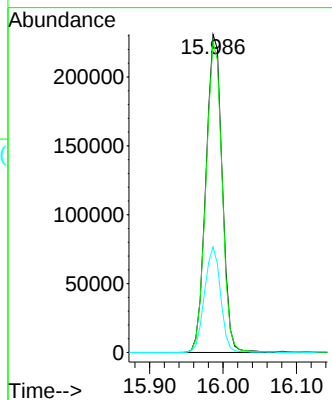
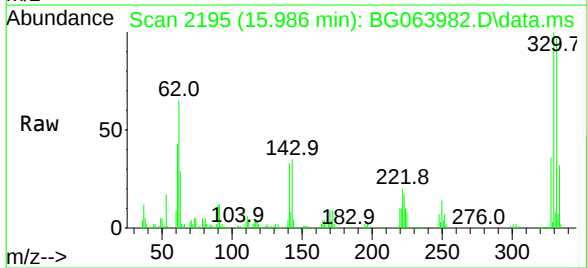




#42
2,4,6-Tribromophenol
Concen: 160.485 ng
RT: 15.986 min Scan# 2195
Delta R.T. 0.002 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

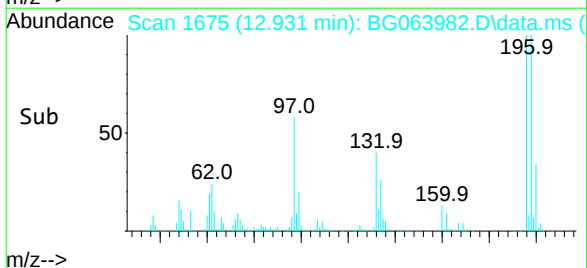
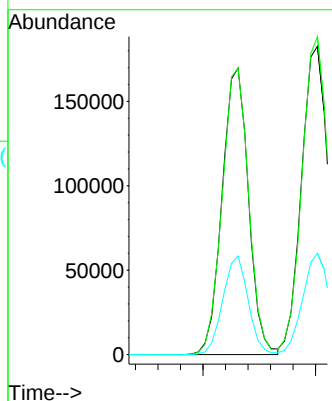
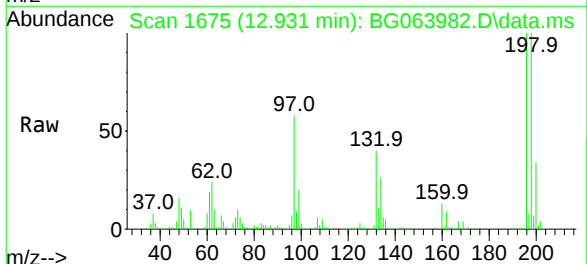
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

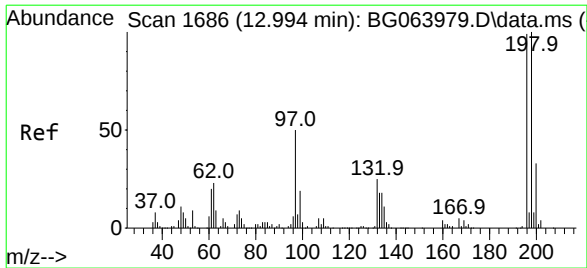
Tgt Ion:330 Resp: 355478
Ion Ratio Lower Upper
330 100
332 97.3 79.0 118.6
141 32.8 27.2 40.8



#43
2,4,6-Trichlorophenol
Concen: 81.598 ng
RT: 12.931 min Scan# 1675
Delta R.T. 0.002 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

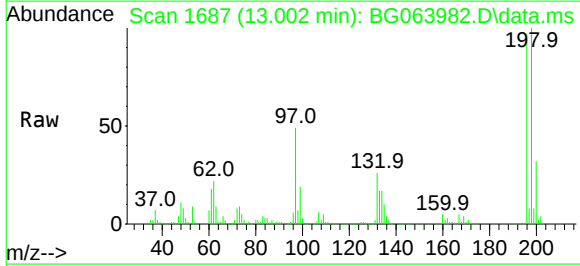
Tgt Ion:196 Resp: 276858
Ion Ratio Lower Upper
196 100
198 100.0 77.9 116.9
200 34.4 25.5 38.3



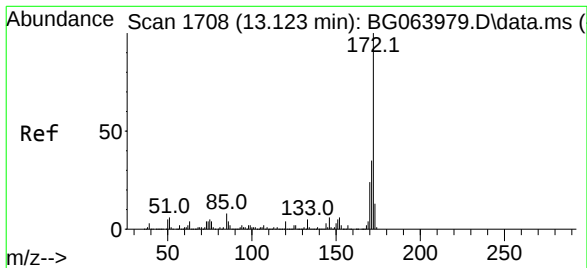
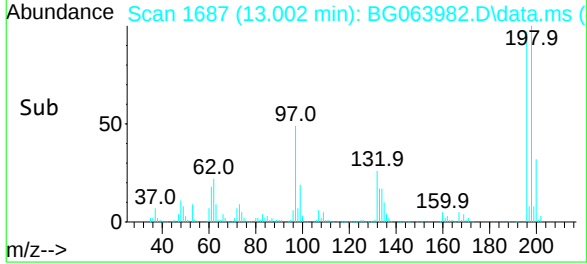
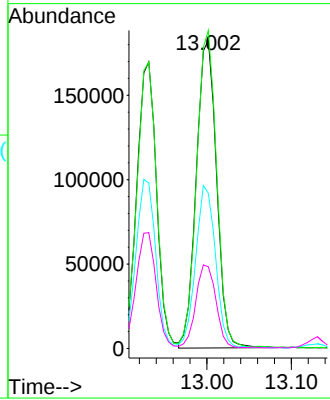


#44
2,4,5-Trichlorophenol
Concen: 80.794 ng
RT: 13.002 min Scan# 16
Delta R.T. 0.008 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

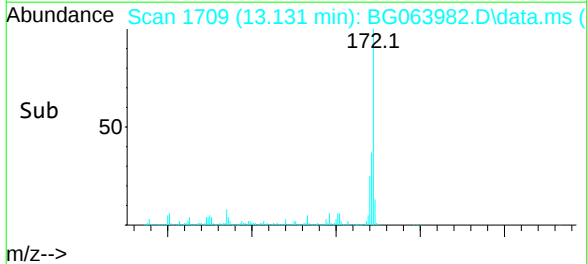
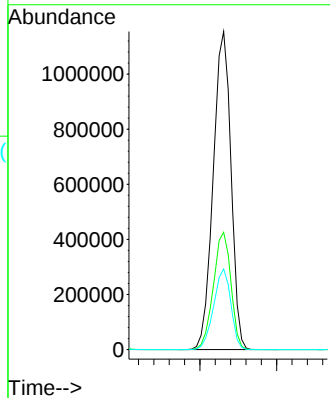
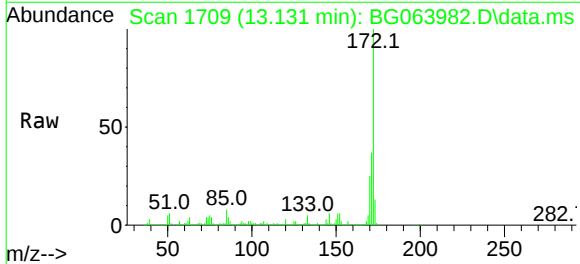


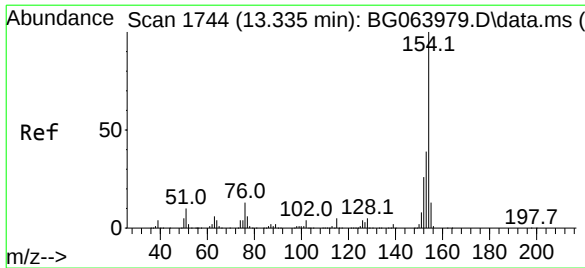
Tgt Ion:196 Resp: 305225
Ion Ratio Lower Upper
196 100
198 103.1 81.1 121.7
97 50.3 41.2 61.8
132 26.5 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 151.836 ng
RT: 13.131 min Scan# 1709
Delta R.T. 0.008 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

Tgt Ion:172 Resp: 1852954
Ion Ratio Lower Upper
172 100
171 36.9 27.8 41.6
170 25.4 19.4 29.2





#46

1,1'-Biphenyl

Concen: 78.441 ng

RT: 13.337 min Scan# 17

Delta R.T. 0.002 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

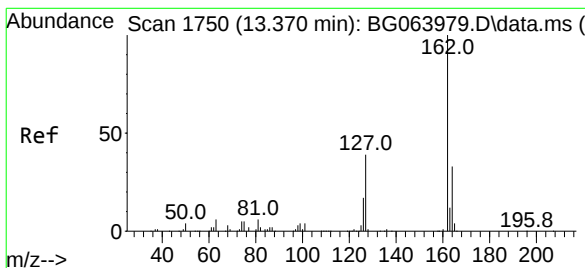
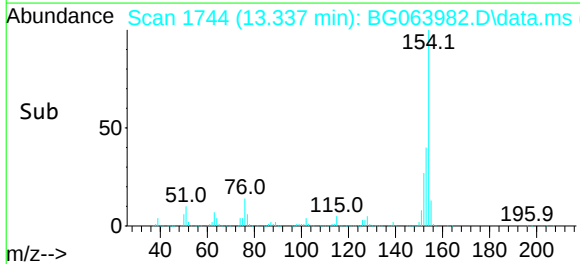
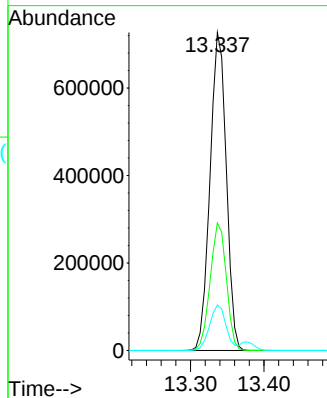
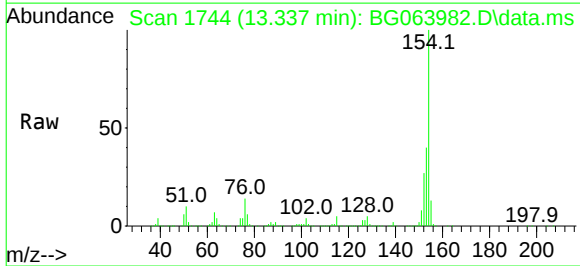
Tgt Ion:154 Resp: 1116671

Ion Ratio Lower Upper

154 100

153 40.1 19.3 59.3

76 14.3 0.0 33.3



#47

2-Chloronaphthalene

Concen: 80.250 ng

RT: 13.378 min Scan# 1751

Delta R.T. 0.008 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

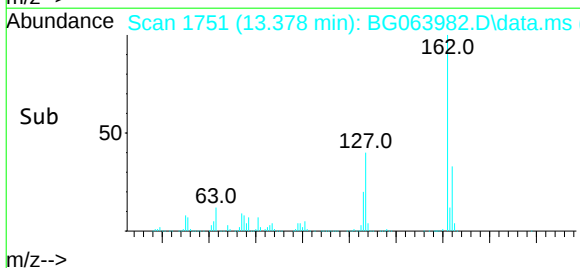
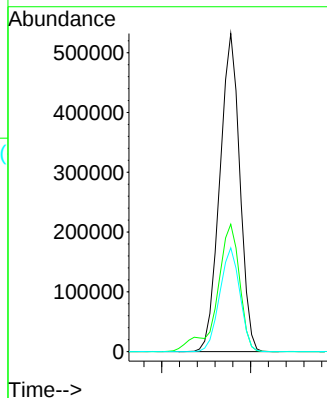
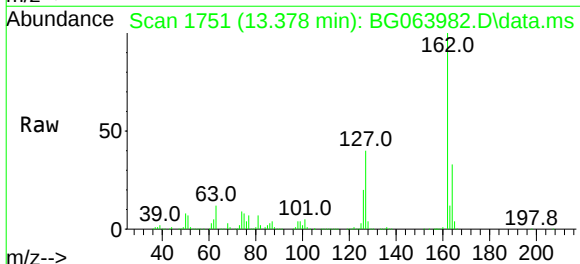
Tgt Ion:162 Resp: 832679

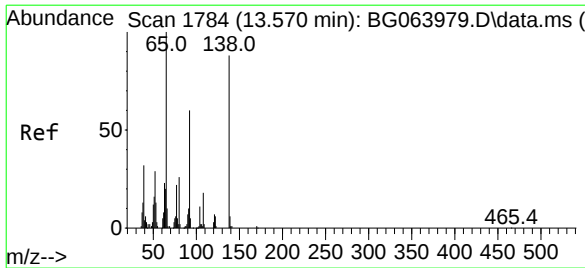
Ion Ratio Lower Upper

162 100

127 40.0 33.4 50.2

164 32.6 26.0 39.0





#48

2-Nitroaniline

Concen: 79.130 ng

RT: 13.572 min Scan# 17

Delta R.T. 0.002 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

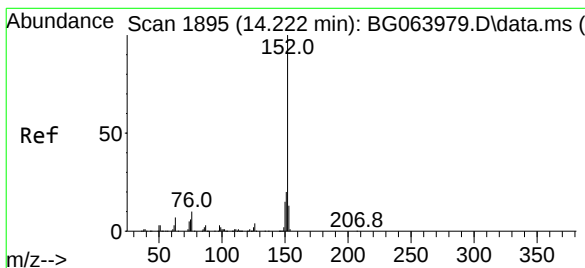
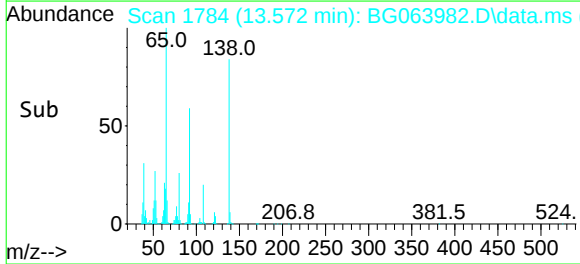
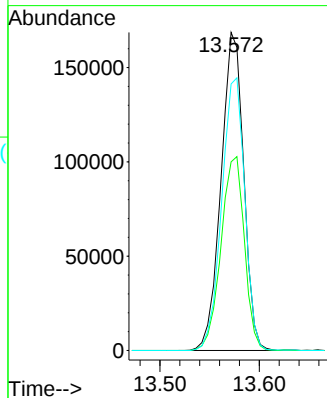
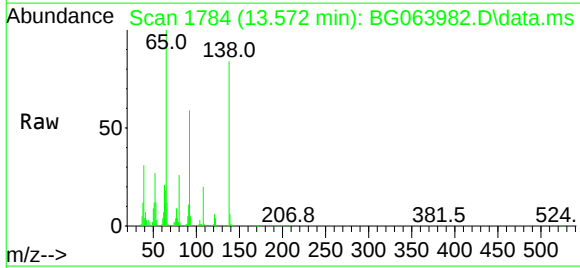
Tgt Ion: 65 Resp: 267219

Ion Ratio Lower Upper

65 100

92 59.3 47.6 71.4

138 83.8 70.6 106.0



#49

Acenaphthylene

Concen: 80.463 ng

RT: 14.224 min Scan# 1895

Delta R.T. 0.002 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

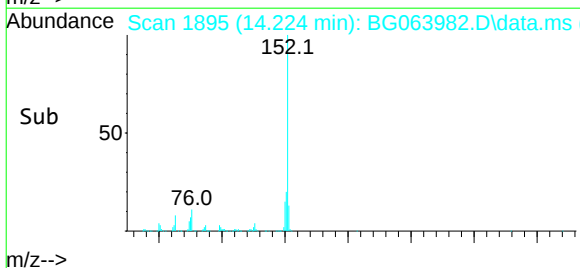
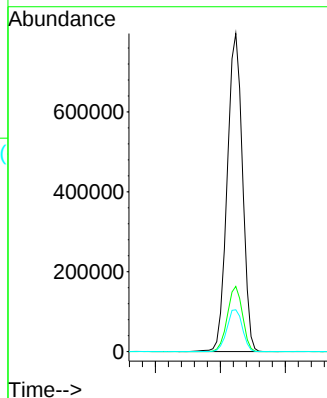
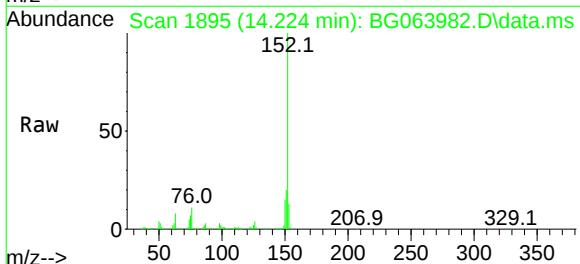
Tgt Ion:152 Resp: 1296806

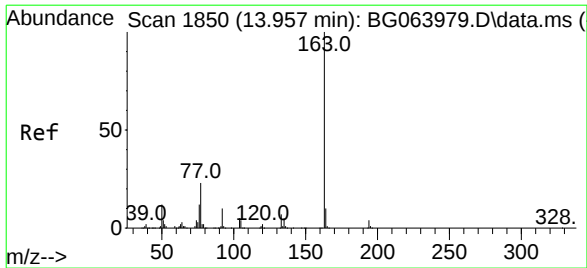
Ion Ratio Lower Upper

152 100

151 20.5 15.9 23.9

153 13.1 10.3 15.5





#50

Dimethylphthalate

Concen: 86.865 ng

RT: 13.965 min Scan# 18

Delta R.T. 0.008 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

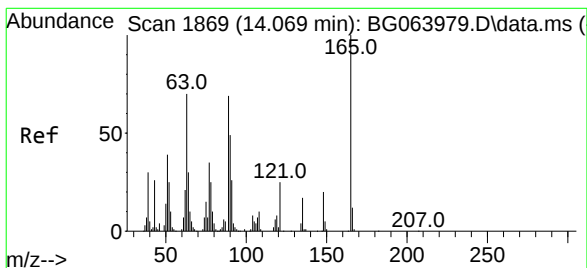
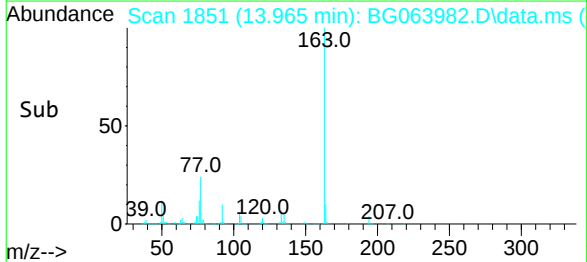
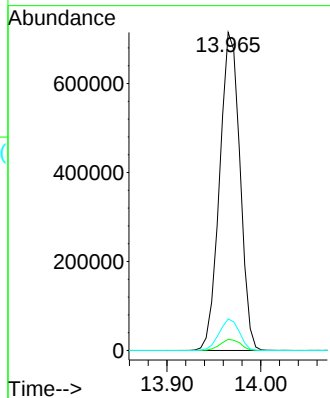
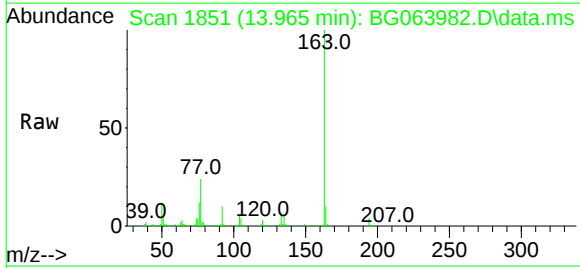
Tgt Ion:163 Resp: 1076898

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

164 9.9 8.0 12.0



#51

2,6-Dinitrotoluene

Concen: 79.007 ng

RT: 14.077 min Scan# 1870

Delta R.T. 0.008 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

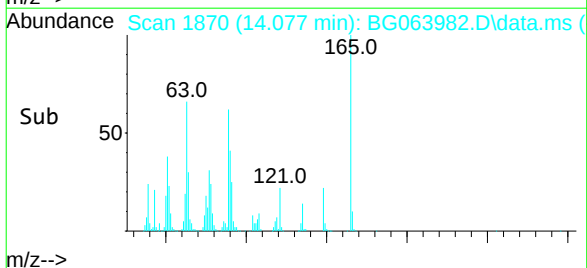
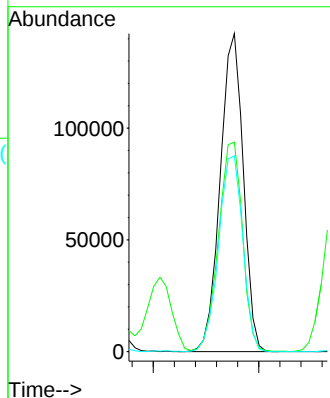
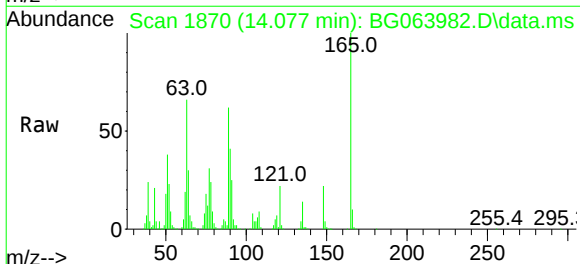
Tgt Ion:165 Resp: 216080

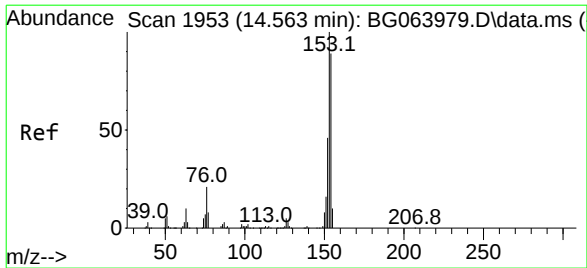
Ion Ratio Lower Upper

165 100

63 65.8 57.7 86.5

89 61.6 55.6 83.4





#52

Acenaphthene

Concen: 81.692 ng

RT: 14.565 min Scan# 19

Delta R.T. 0.002 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

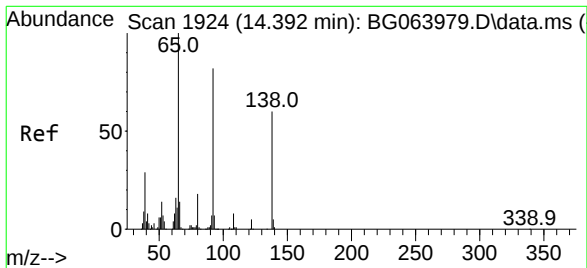
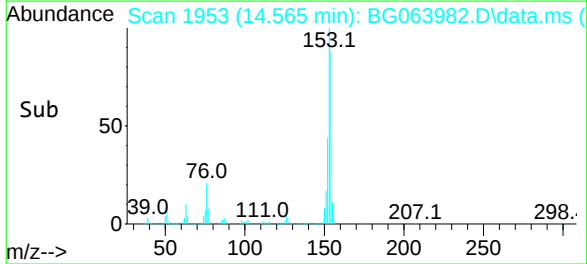
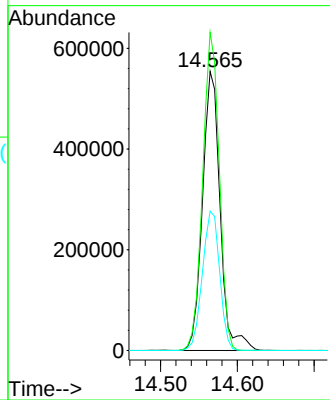
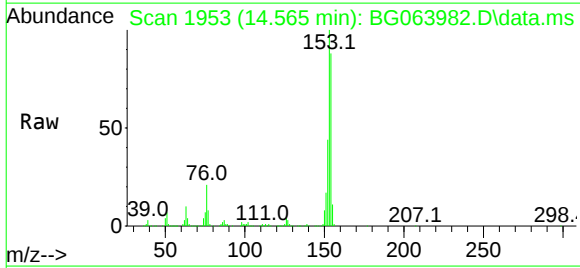
Tgt Ion:154 Resp: 883156

Ion Ratio Lower Upper

154 100

153 114.0 90.2 135.2

152 49.9 41.1 61.7



#53

3-Nitroaniline

Concen: 80.061 ng

RT: 14.400 min Scan# 1925

Delta R.T. 0.008 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

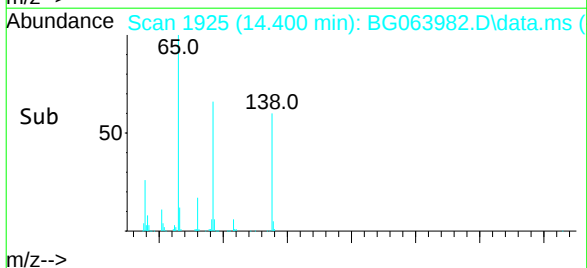
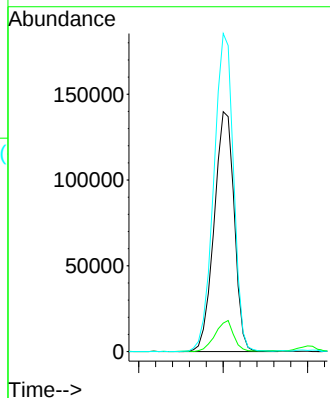
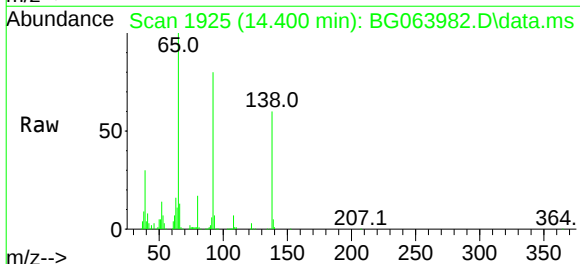
Tgt Ion:138 Resp: 231035

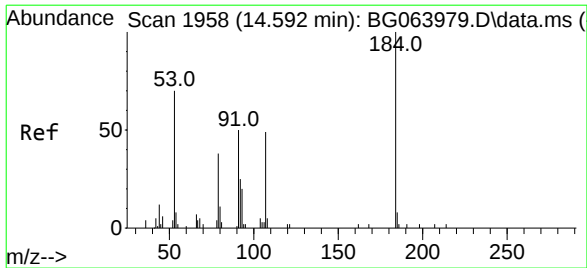
Ion Ratio Lower Upper

138 100

108 11.9 10.3 15.5

92 132.6 109.0 163.4

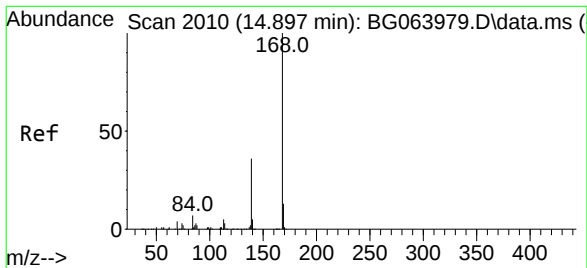
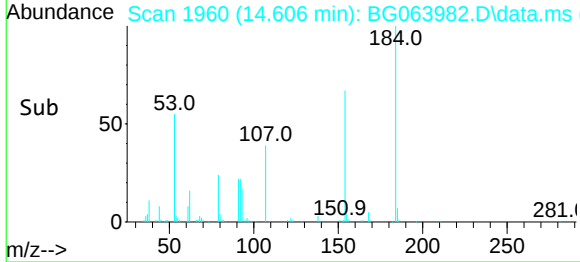
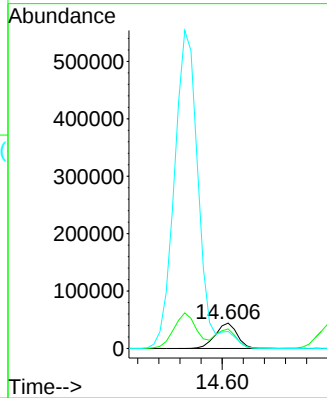
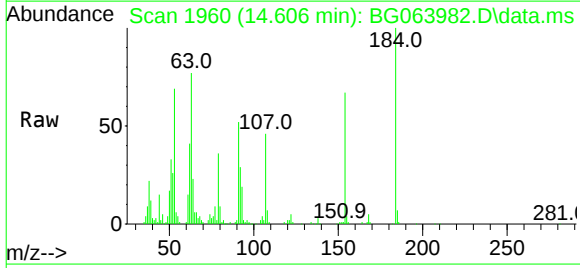




#54
2,4-Dinitrophenol
Concen: 79.449 ng
RT: 14.606 min Scan# 1958
Delta R.T. 0.014 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

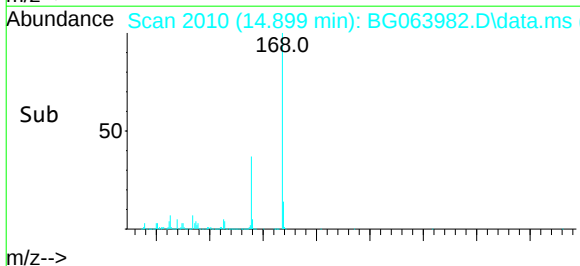
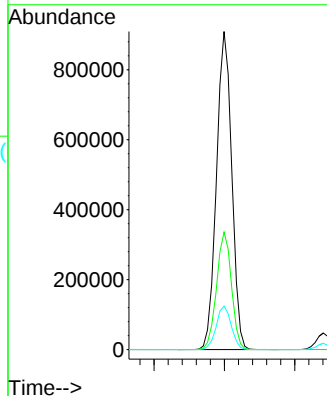
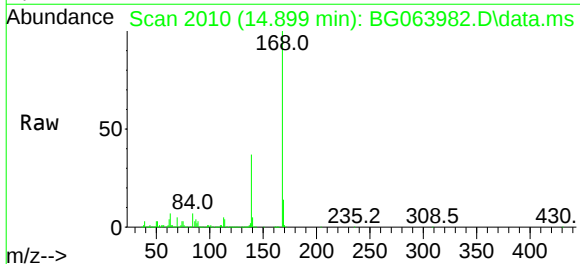
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

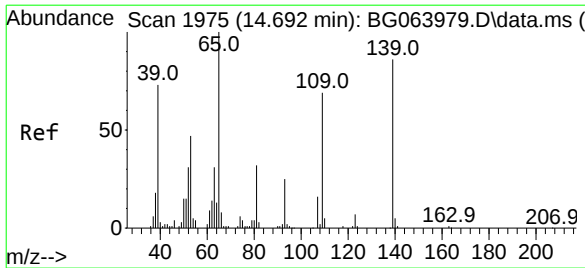
Tgt Ion:184 Resp: 63523
Ion Ratio Lower Upper
184 100
63 77.1 67.3 100.9
154 66.9 65.9 98.9



#55
Dibenzofuran
Concen: 78.009 ng
RT: 14.899 min Scan# 2010
Delta R.T. 0.002 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

Tgt Ion:168 Resp: 1369362
Ion Ratio Lower Upper
168 100
139 36.9 28.6 43.0
169 13.7 10.6 16.0





#56

4-Nitrophenol

Concen: 80.216 ng

RT: 14.706 min Scan# 1975

Delta R.T. 0.014 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

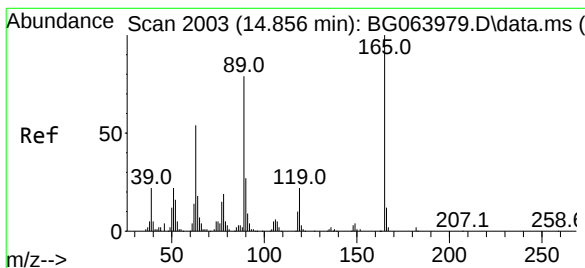
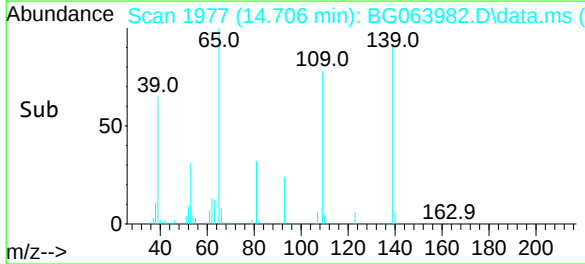
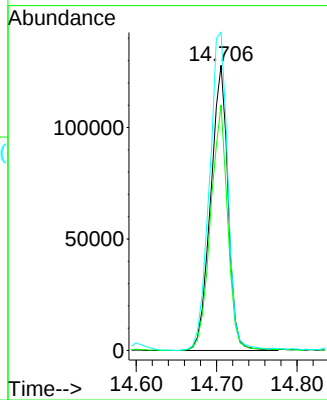
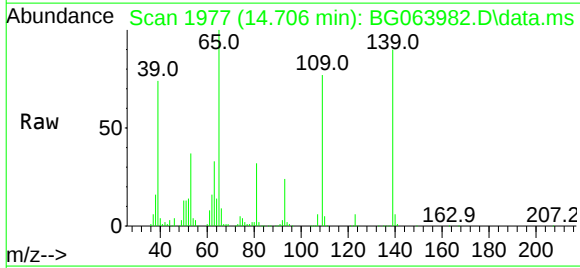
Tgt Ion:139 Resp: 192405

Ion Ratio Lower Upper

139 100

109 86.1 60.1 100.1

65 111.5 96.2 136.2



#57

2,4-Dinitrotoluene

Concen: 78.838 ng

RT: 14.858 min Scan# 2003

Delta R.T. 0.002 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

Tgt Ion:165 Resp: 285847

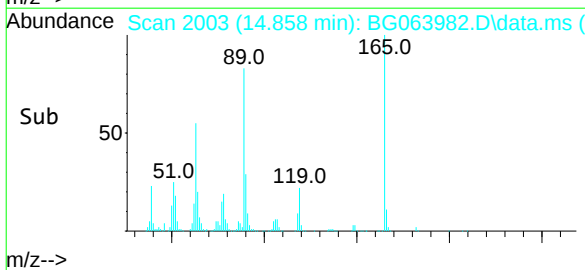
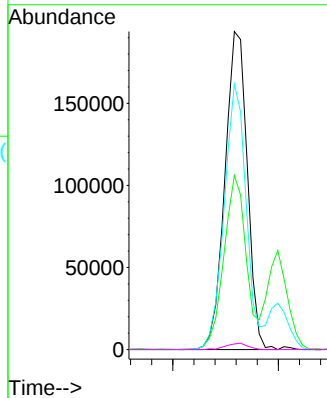
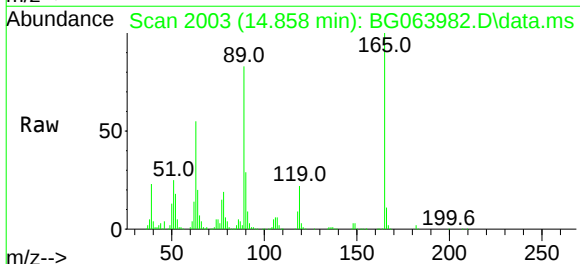
Ion Ratio Lower Upper

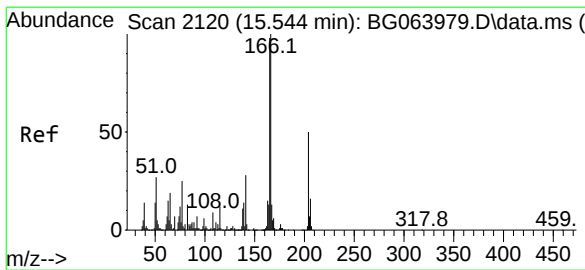
165 100

63 54.7 43.6 65.4

89 83.5 63.1 94.7

182 1.8 1.4 2.0





#58

Fluorene

Concen: 76.235 ng

RT: 15.552 min Scan# 21

Delta R.T. 0.008 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

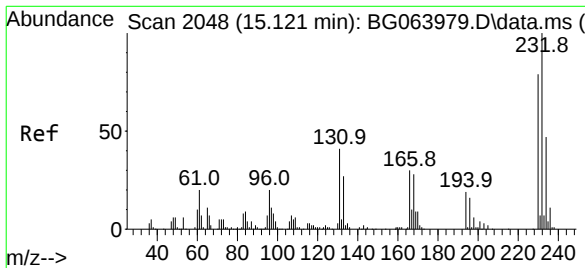
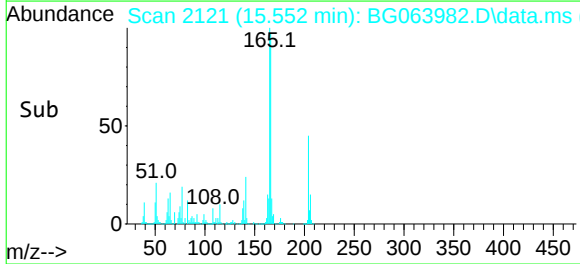
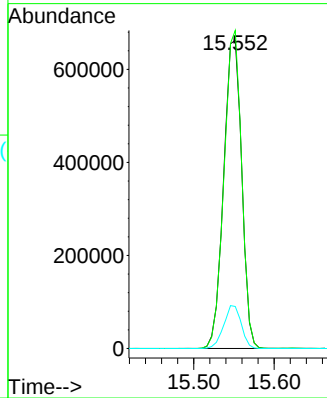
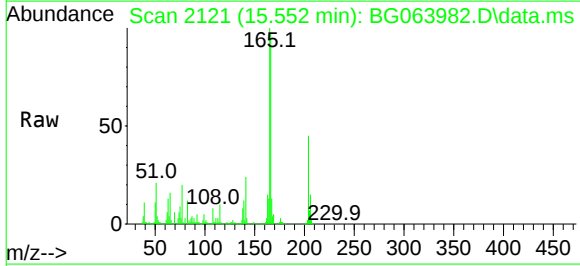
Tgt Ion:166 Resp: 1034340

Ion Ratio Lower Upper

166 100

165 103.2 78.7 118.1

167 13.6 10.1 15.1



#59

2,3,4,6-Tetrachlorophenol

Concen: 81.064 ng

RT: 15.123 min Scan# 2048

Delta R.T. 0.002 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

Tgt Ion:232 Resp: 299460

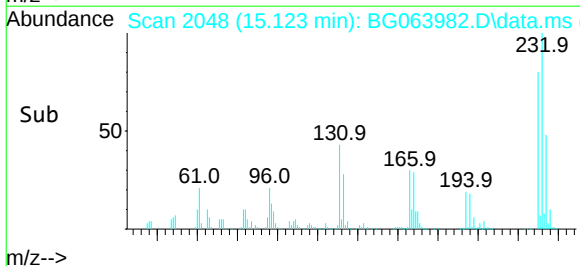
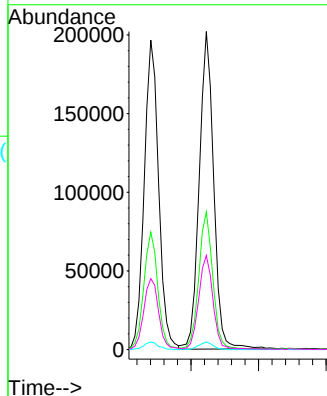
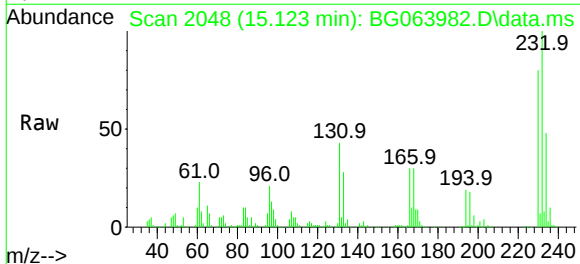
Ion Ratio Lower Upper

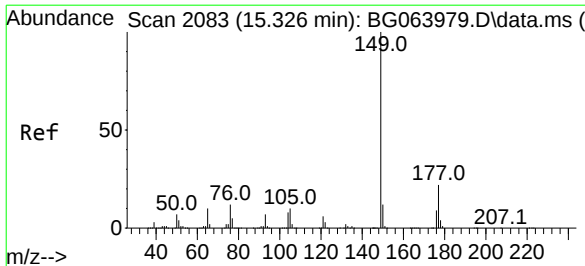
232 100

131 41.9 34.0 51.0

130 2.3 2.2 3.4

166 29.1 24.1 36.1





#60

Diethylphthalate

Concen: 85.669 ng

RT: 15.334 min Scan# 2084

Delta R.T. 0.008 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

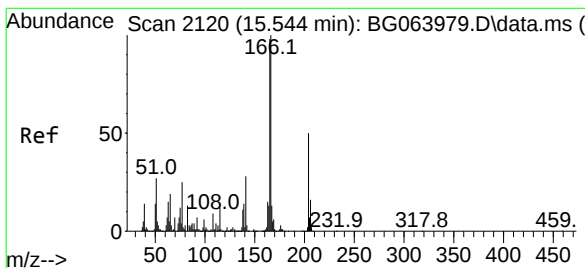
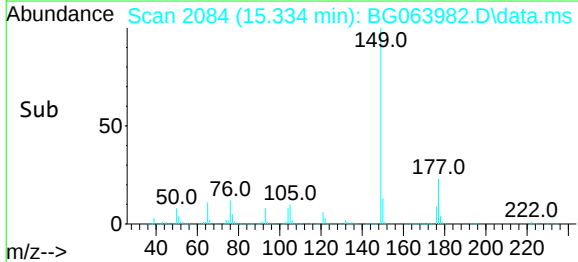
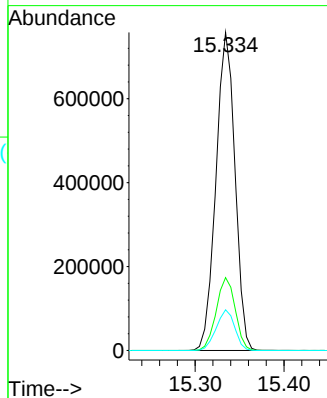
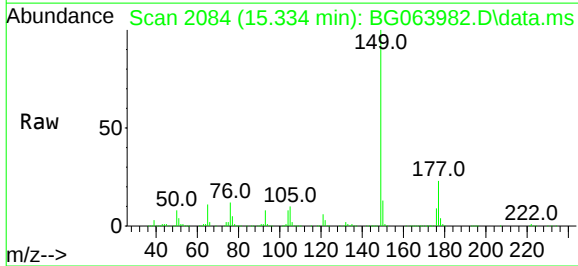
Tgt Ion:149 Resp: 1126041

Ion Ratio Lower Upper

149 100

177 22.9 18.0 27.0

150 12.8 9.7 14.5



#61

4-Chlorophenyl-phenylether

Concen: 77.025 ng

RT: 15.546 min Scan# 2120

Delta R.T. 0.002 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

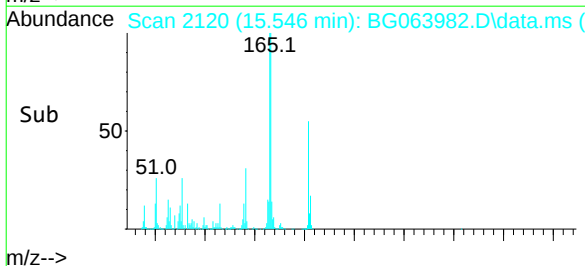
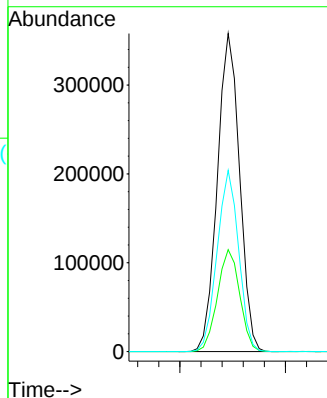
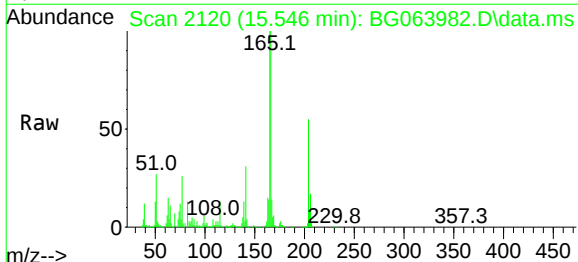
Tgt Ion:204 Resp: 524356

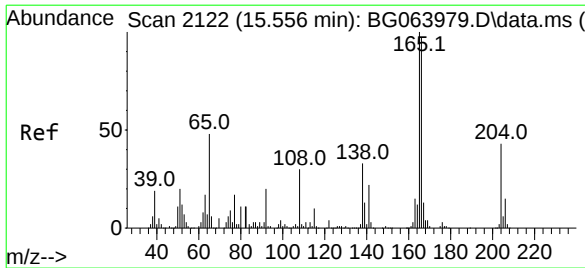
Ion Ratio Lower Upper

204 100

206 32.0 25.8 38.6

141 57.0 44.6 67.0

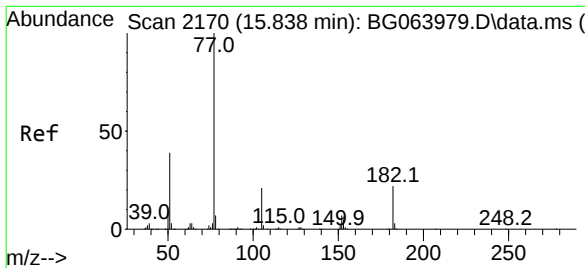
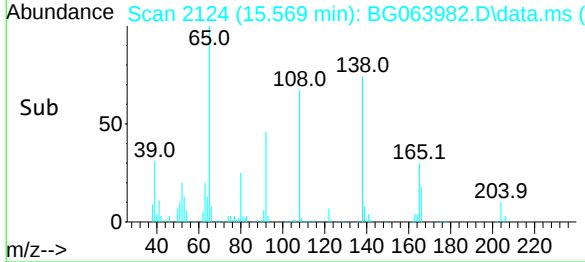
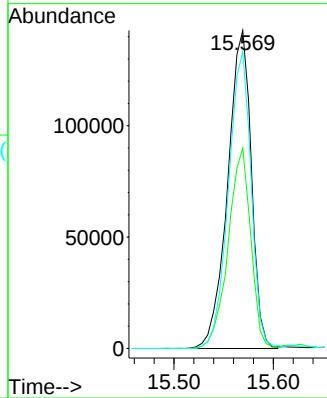
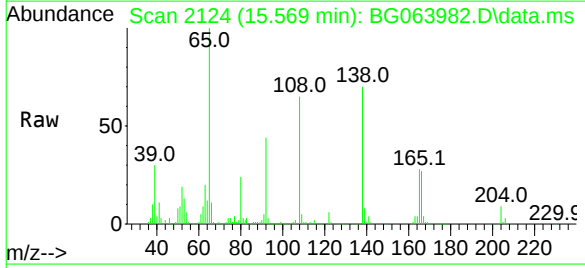




#62
4-Nitroaniline
Concen: 77.688 ng
RT: 15.569 min Scan# 2122
Delta R.T. 0.013 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

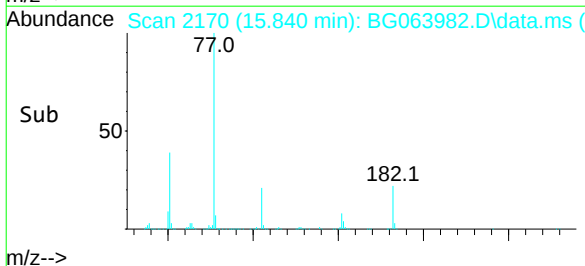
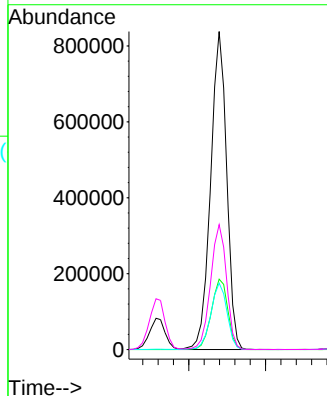
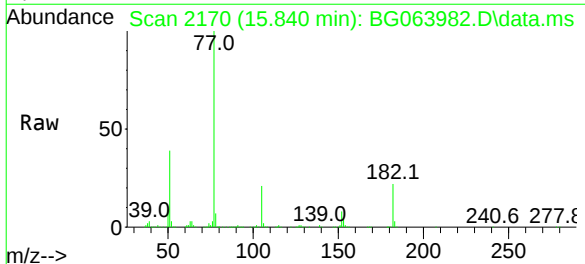
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

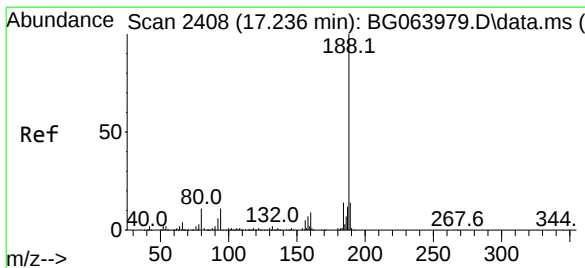
Tgt Ion:138 Resp: 235601
Ion Ratio Lower Upper
138 100
92 63.0 40.3 80.3
108 93.3 69.3 109.3



#63
Azobenzene
Concen: 78.330 ng
RT: 15.840 min Scan# 2170
Delta R.T. 0.002 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

Tgt Ion: 77 Resp: 1216060
Ion Ratio Lower Upper
77 100
182 22.1 2.3 42.3
105 20.9 1.0 41.0
51 39.3 19.0 59.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.238 min Scan# 2408

Delta R.T. 0.002 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

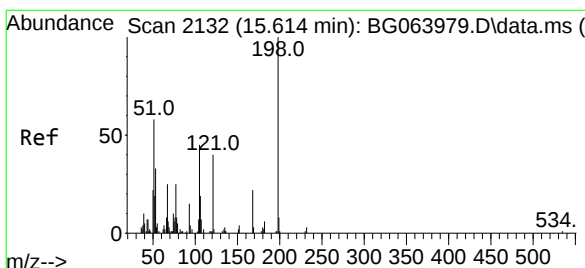
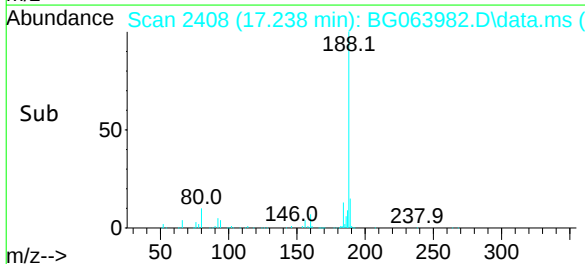
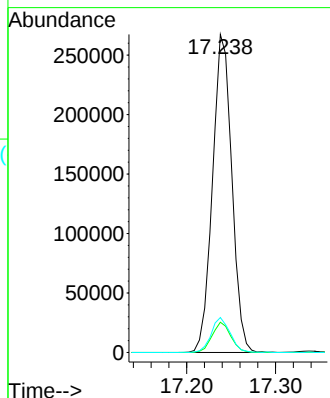
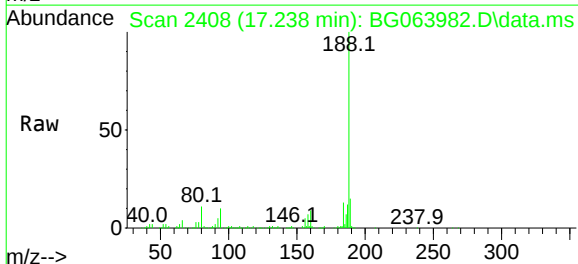
Tgt Ion:188 Resp: 403592

Ion Ratio Lower Upper

188 100

94 9.5 8.6 13.0

80 11.0 8.5 12.7



#65

4,6-Dinitro-2-methylphenol

Concen: 79.654 ng

RT: 15.622 min Scan# 2133

Delta R.T. 0.008 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

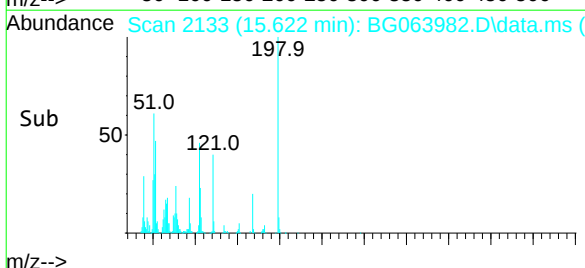
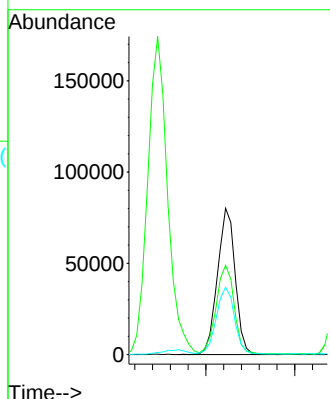
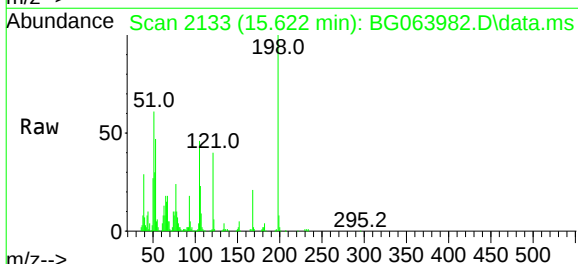
Tgt Ion:198 Resp: 110881

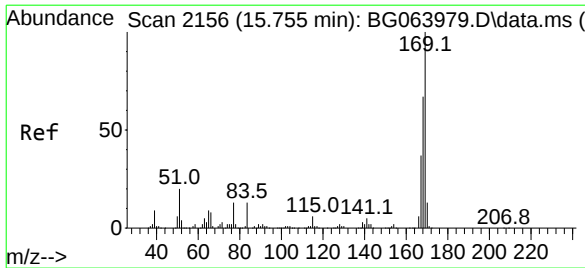
Ion Ratio Lower Upper

198 100

51 61.0 45.4 85.4

105 46.1 27.7 67.7

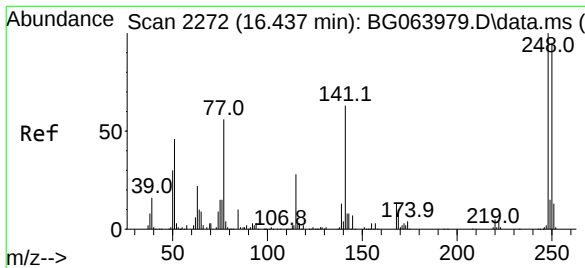
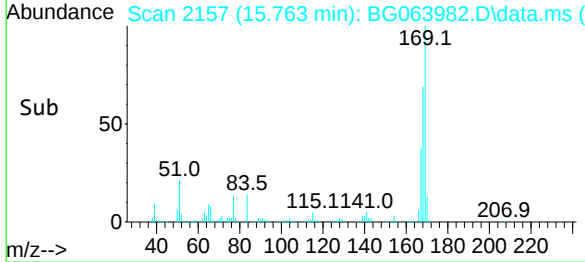
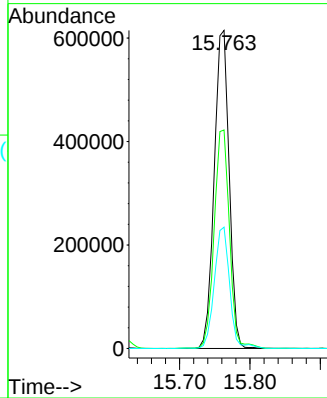
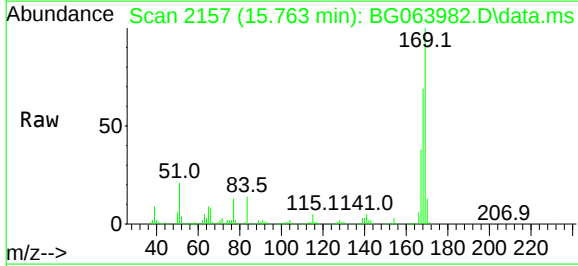




#66
n-Nitrosodiphenylamine
Concen: 81.062 ng
RT: 15.763 min Scan# 2157
Delta R.T. 0.008 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

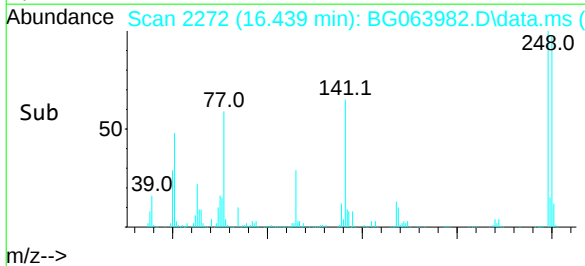
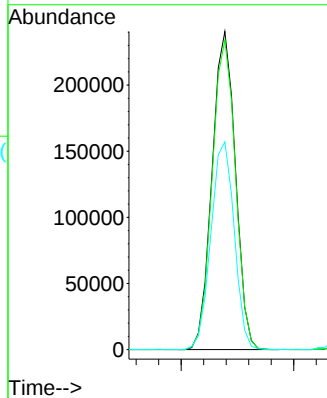
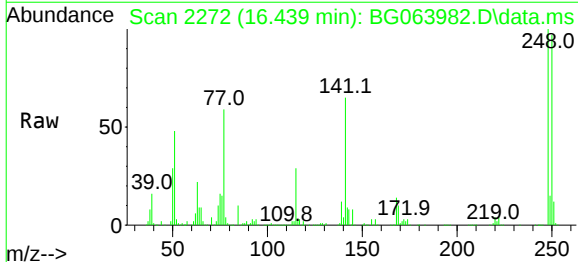
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

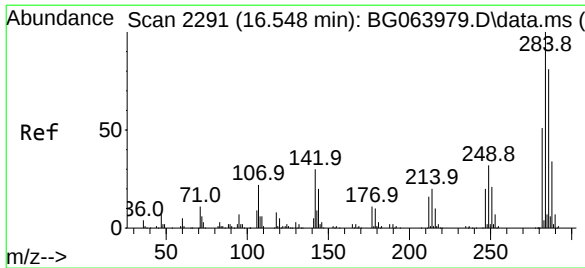
Tgt Ion:169 Resp: 907085
Ion Ratio Lower Upper
169 100
168 68.7 53.5 80.3
167 38.2 30.0 45.0



#67
4-Bromophenyl-phenylether
Concen: 86.083 ng
RT: 16.439 min Scan# 2272
Delta R.T. 0.002 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

Tgt Ion:248 Resp: 345807
Ion Ratio Lower Upper
248 100
250 97.3 76.2 114.4
141 65.3 50.6 75.8





#68

Hexachlorobenzene

Concen: 80.218 ng

RT: 16.550 min Scan# 2291

Delta R.T. 0.002 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

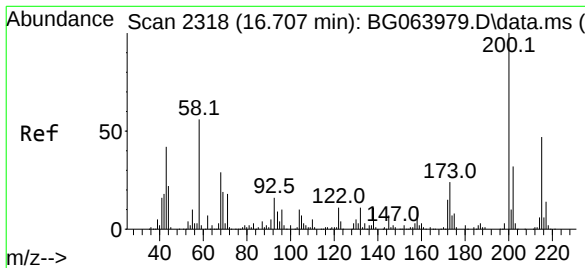
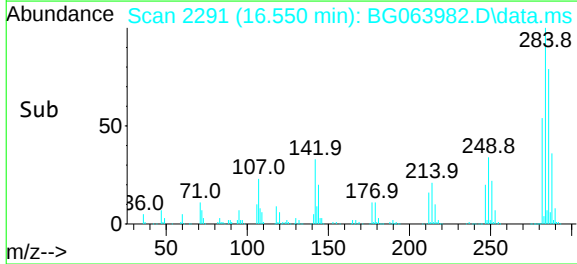
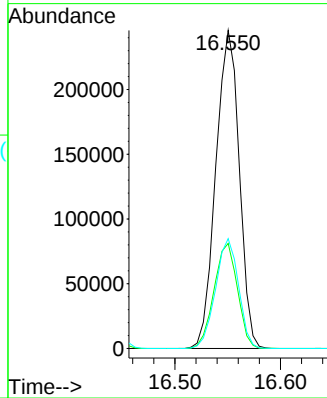
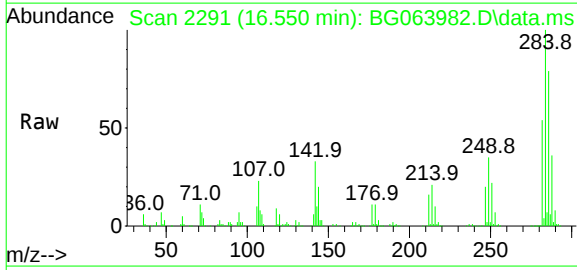
Tgt Ion:284 Resp: 378854

Ion Ratio Lower Upper

284 100

142 33.0 23.8 35.8

249 34.5 25.9 38.9



#69

Atrazine

Concen: 84.940 ng

RT: 16.709 min Scan# 2318

Delta R.T. 0.002 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

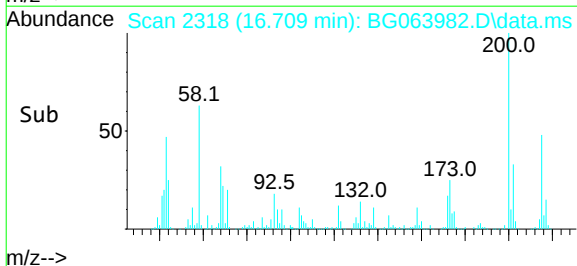
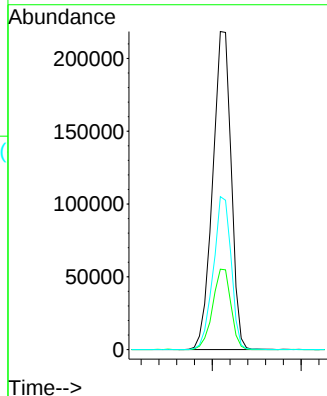
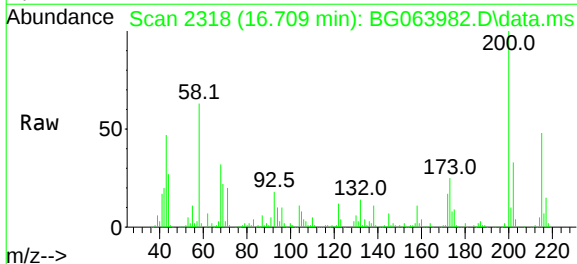
Tgt Ion:200 Resp: 316302

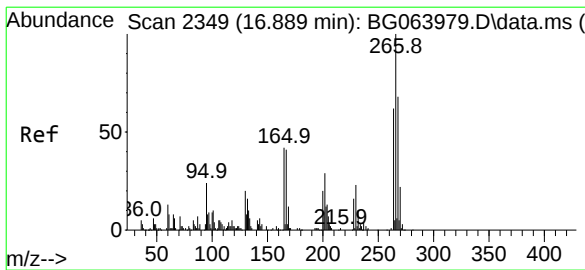
Ion Ratio Lower Upper

200 100

173 25.3 3.8 43.8

215 48.1 26.6 66.6





#70

Pentachlorophenol

Concen: 81.316 ng

RT: 16.891 min Scan# 23

Delta R.T. 0.002 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

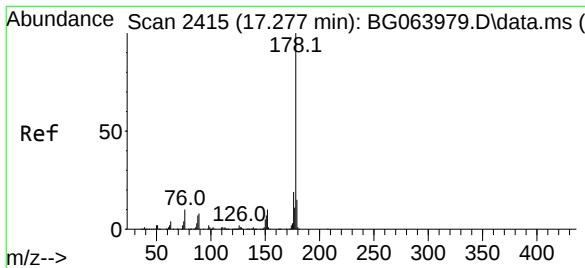
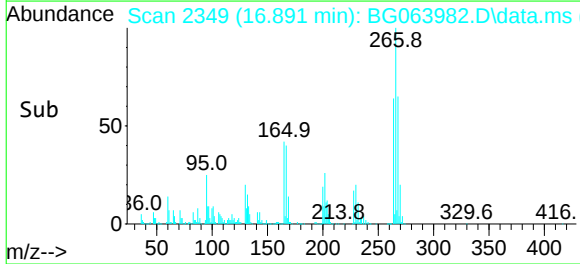
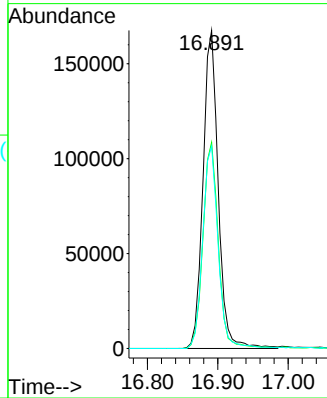
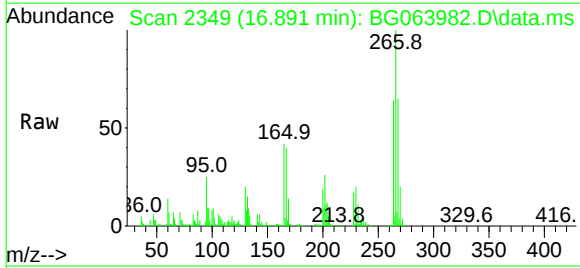
Tgt Ion:266 Resp: 251409

Ion Ratio Lower Upper

266 100

268 64.8 54.8 82.2

264 63.6 50.0 75.0



#71

Phenanthrene

Concen: 77.937 ng

RT: 17.285 min Scan# 2416

Delta R.T. 0.008 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

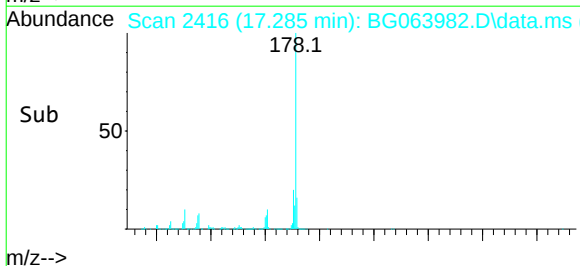
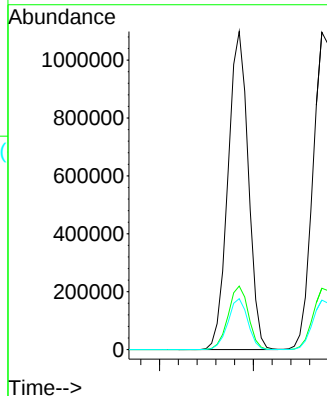
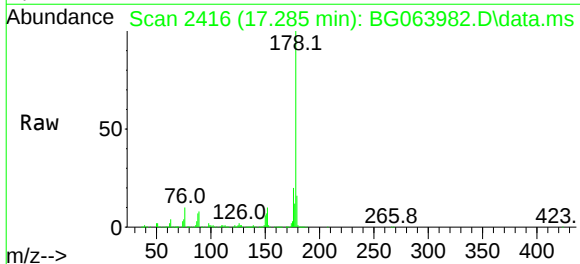
Tgt Ion:178 Resp: 1652070

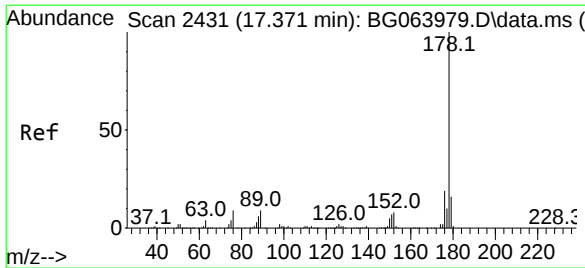
Ion Ratio Lower Upper

178 100

176 20.0 15.5 23.3

179 16.0 12.2 18.4





#72

Anthracene

Concen: 79.182 ng

RT: 17.373 min Scan# 2431

Delta R.T. 0.002 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

Instrument :

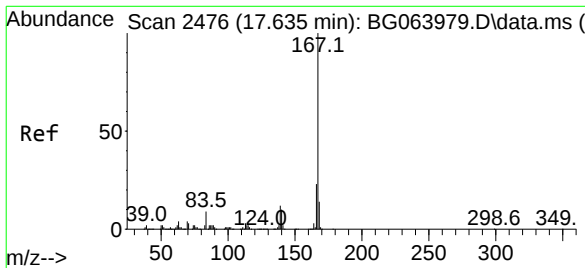
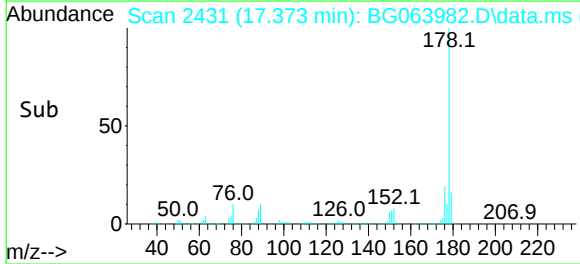
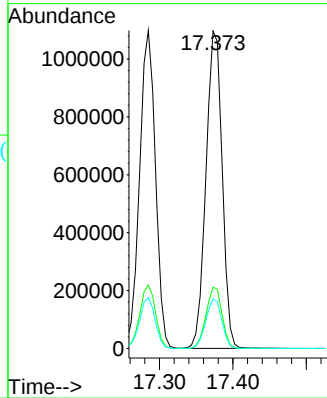
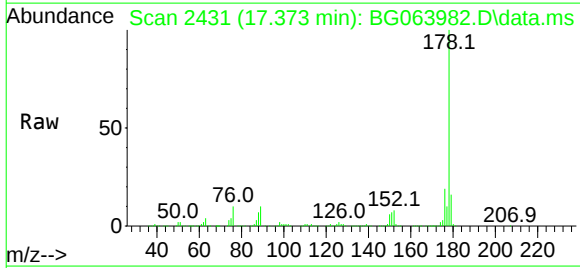
BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:178 Resp: 1679507

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.4
179	15.6	12.8	19.2



#73

Carbazole

Concen: 77.732 ng

RT: 17.637 min Scan# 2476

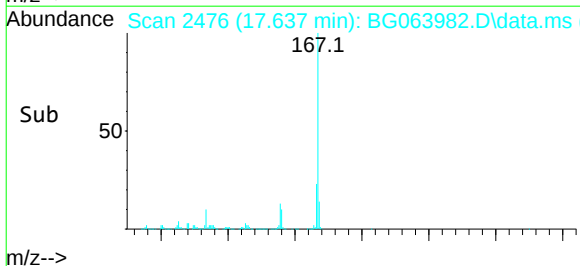
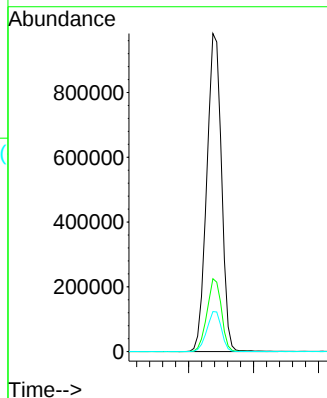
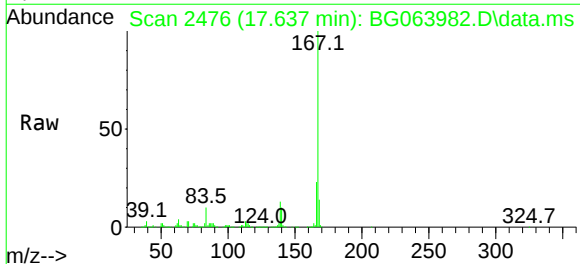
Delta R.T. 0.002 min

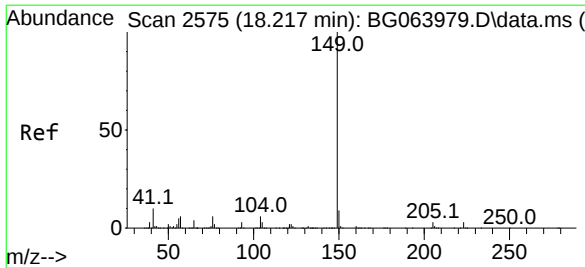
Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

Tgt Ion:167 Resp: 1543432

Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.6	28.0
139	12.6	9.8	14.8





#74

Di-n-butylphthalate

Concen: 89.183 ng

RT: 18.219 min Scan# 2575

Delta R.T. 0.002 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

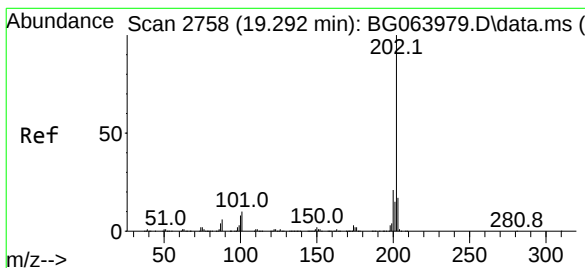
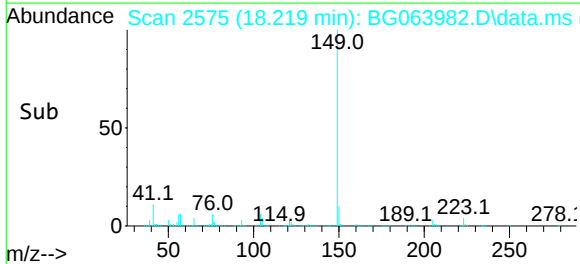
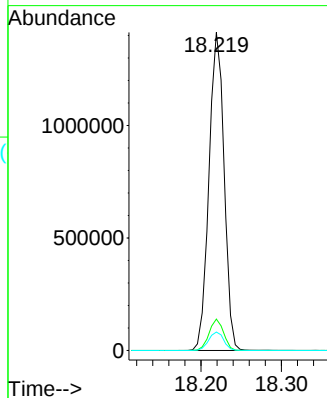
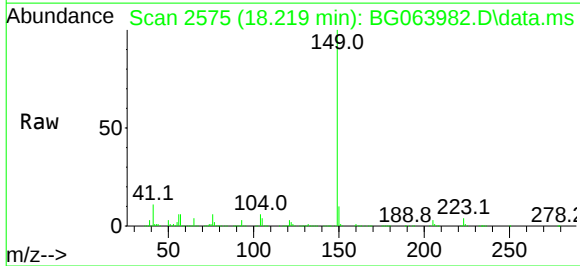
Tgt Ion:149 Resp: 1845855

Ion Ratio Lower Upper

149 100

150 9.9 7.4 11.0

104 5.8 4.6 6.8



#75

Fluoranthene

Concen: 75.708 ng

RT: 19.294 min Scan# 2758

Delta R.T. 0.002 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

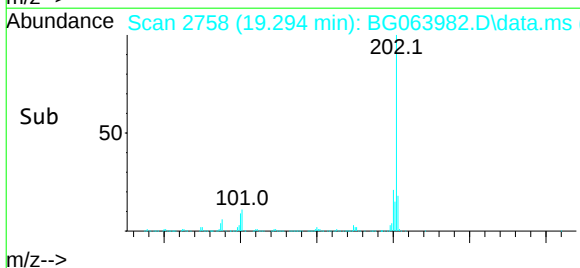
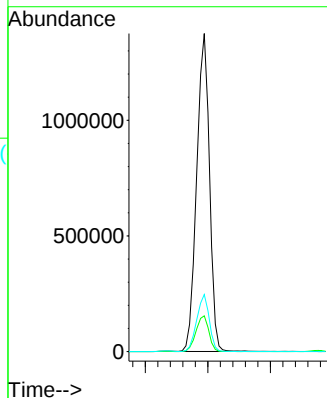
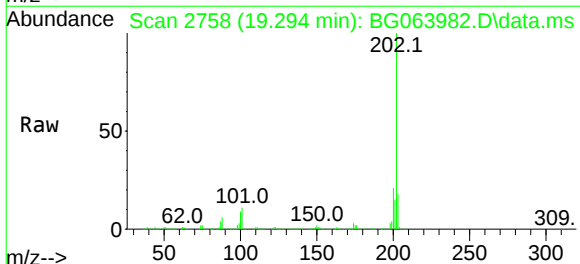
Tgt Ion:202 Resp: 1954193

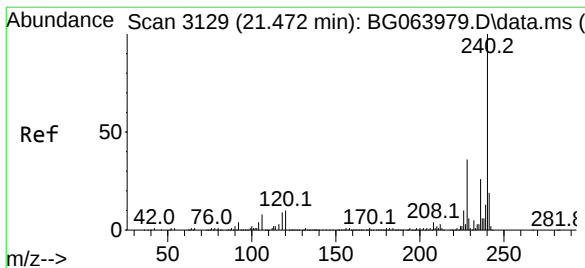
Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.4

203 17.9 0.0 37.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.474 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

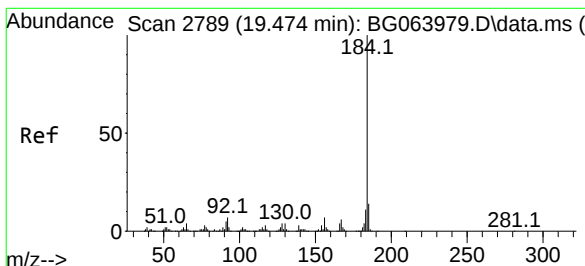
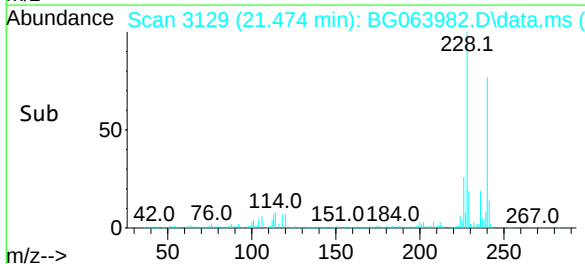
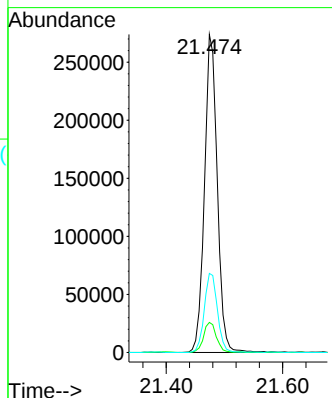
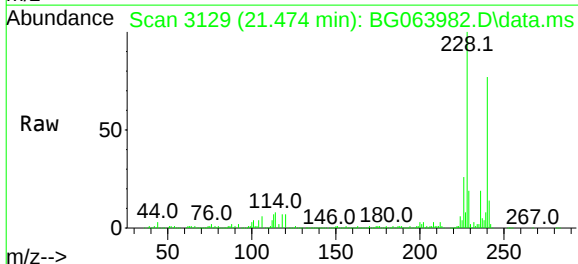
Tgt Ion:240 Resp: 417408

Ion Ratio Lower Upper

240 100

120 9.5 7.9 11.9

236 24.9 21.0 31.6



#77

Benzidine

Concen: 92.181 ng

RT: 19.476 min Scan# 2789

Delta R.T. 0.002 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

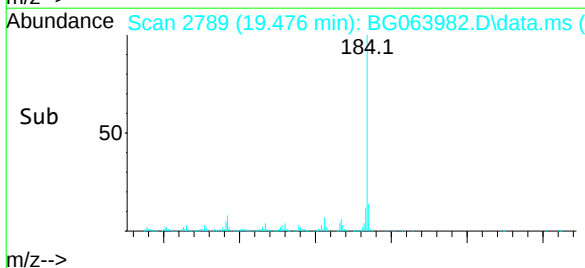
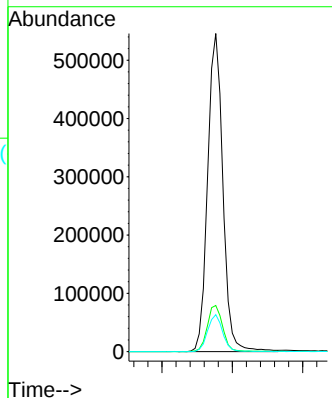
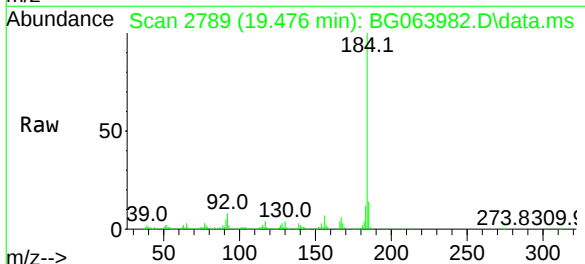
Tgt Ion:184 Resp: 819347

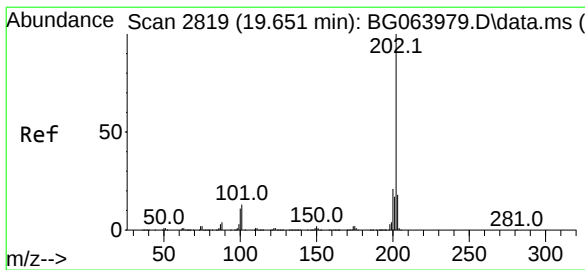
Ion Ratio Lower Upper

184 100

185 14.5 11.2 16.8

183 11.6 8.7 13.1





#78

Pyrene

Concen: 78.753 ng

RT: 19.653 min Scan# 2819

Delta R.T. 0.002 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

Instrument :

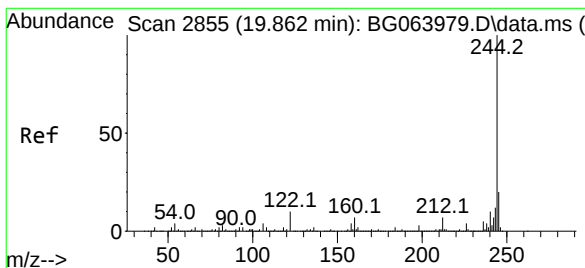
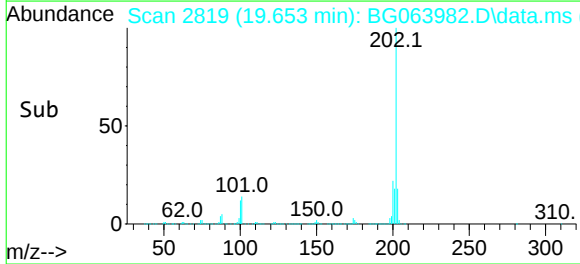
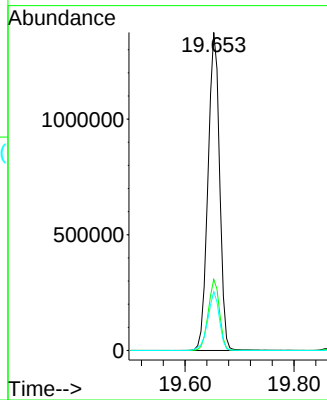
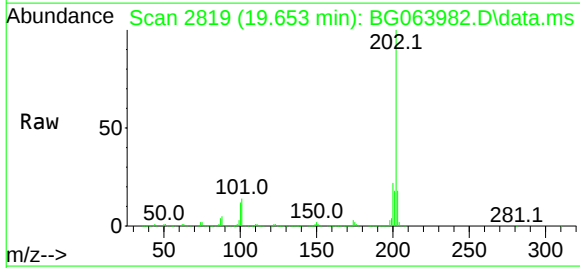
BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:202 Resp: 2029361

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.0	25.4
203	18.5	14.5	21.7



#79

Terphenyl-d14

Concen: 146.200 ng

RT: 19.864 min Scan# 2855

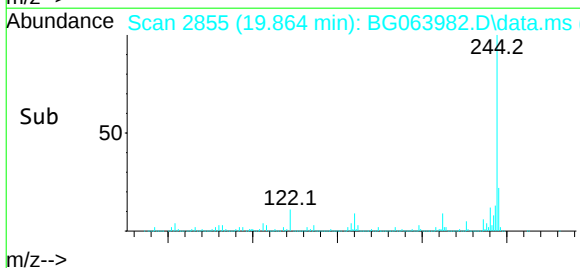
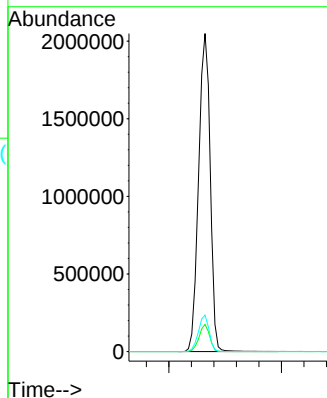
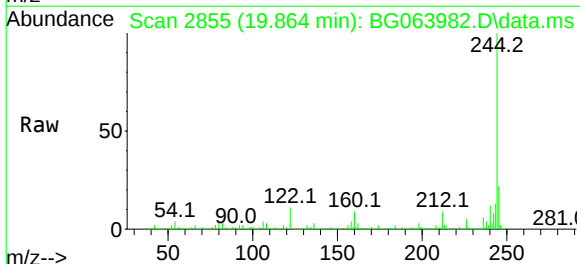
Delta R.T. 0.002 min

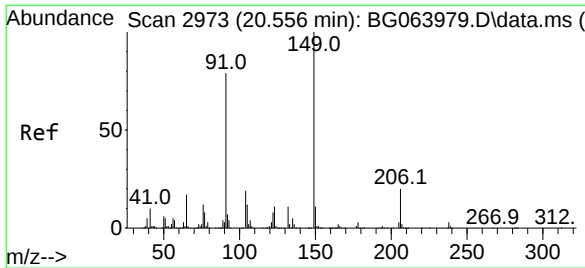
Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

Tgt Ion:244 Resp: 2922013

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	11.5	7.7	11.5





#80

Butylbenzylphthalate

Concen: 80.855 ng

RT: 20.558 min Scan# 2973

Delta R.T. 0.002 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

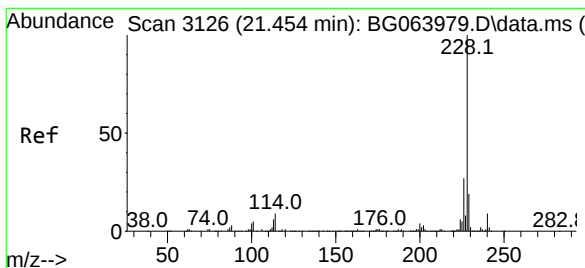
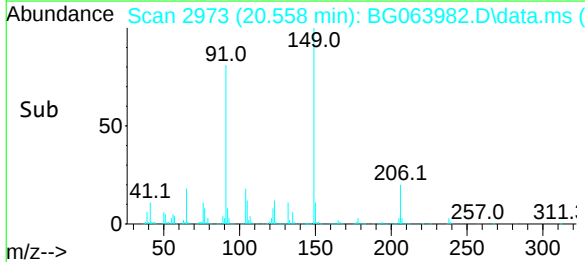
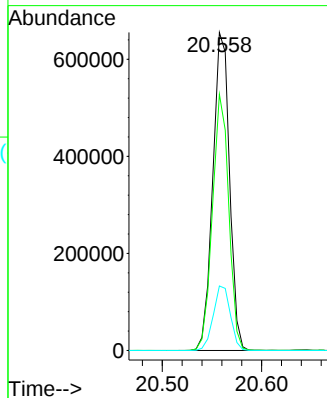
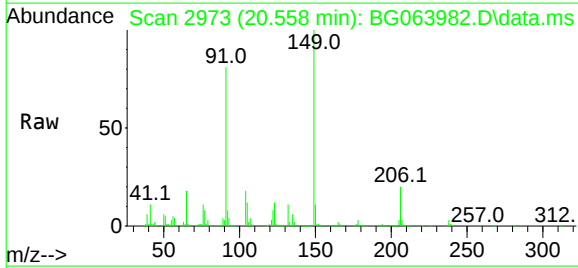
Tgt Ion:149 Resp: 766231

Ion Ratio Lower Upper

149 100

91 80.6 63.0 94.6

206 20.3 15.8 23.6



#81

Benzo(a)anthracene

Concen: 79.032 ng

RT: 21.456 min Scan# 3126

Delta R.T. 0.002 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

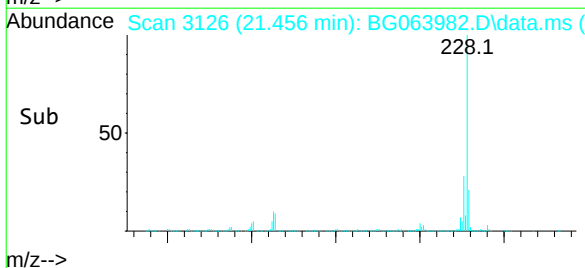
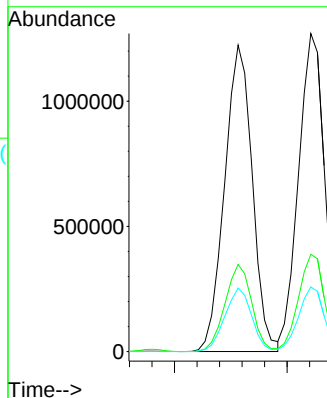
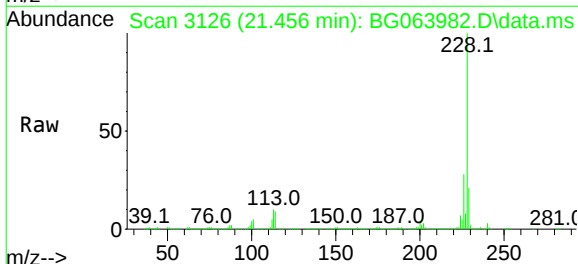
Tgt Ion:228 Resp: 2094477

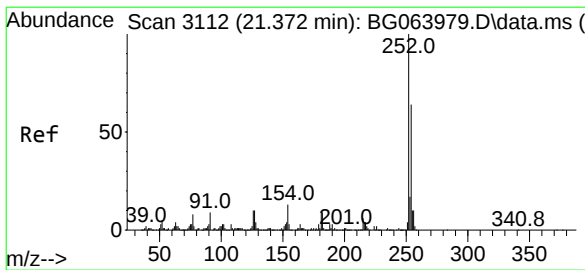
Ion Ratio Lower Upper

228 100

226 28.4 21.8 32.6

229 20.8 15.5 23.3





#82

3,3'-Dichlorobenzidine

Concen: 89.070 ng

RT: 21.380 min Scan# 3112

Delta R.T. 0.008 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

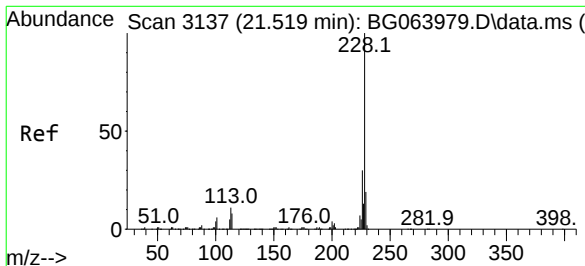
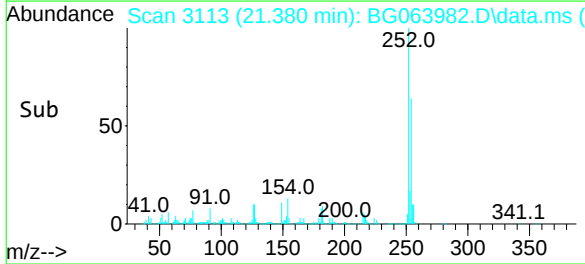
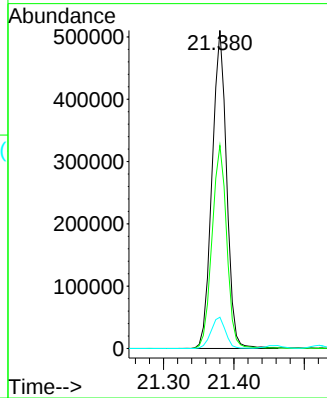
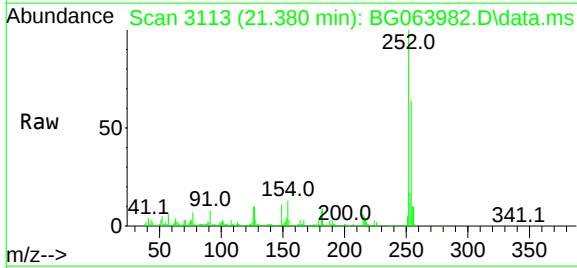
Tgt Ion:252 Resp: 735114

Ion Ratio Lower Upper

252 100

254 63.8 50.8 76.2

126 9.8 8.2 12.2



#83

Chrysene

Concen: 77.117 ng

RT: 21.521 min Scan# 3137

Delta R.T. 0.002 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

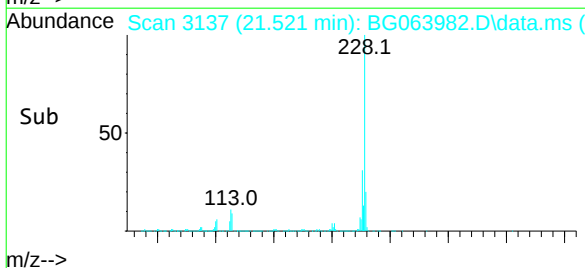
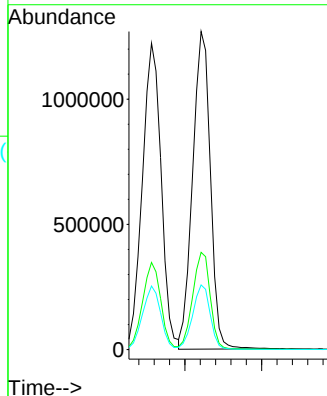
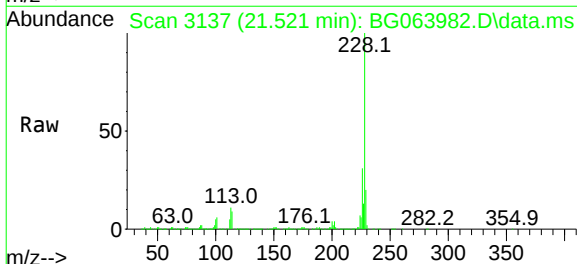
Tgt Ion:228 Resp: 2033841

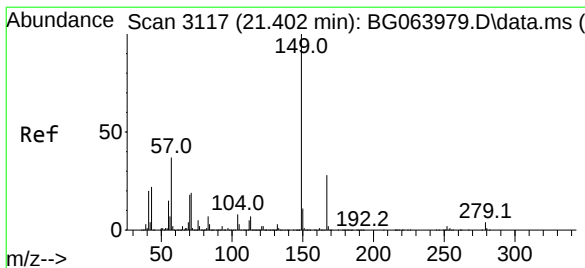
Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.2

229 20.3 15.4 23.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 80.301 ng

RT: 21.404 min Scan# 3117

Delta R.T. 0.002 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

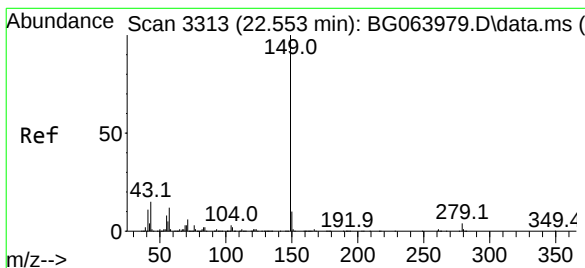
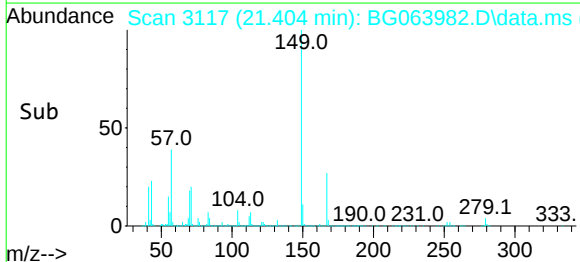
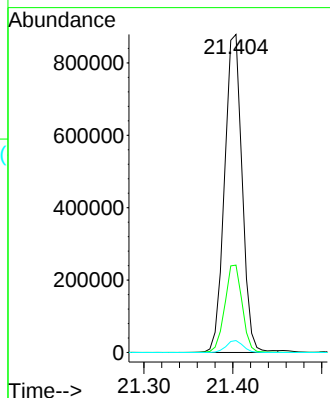
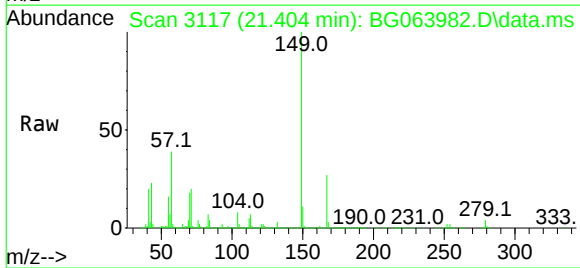
Tgt Ion:149 Resp: 1206467

Ion Ratio Lower Upper

149 100

167 27.5 22.5 33.7

279 3.7 3.0 4.4



#85

Di-n-octyl phthalate

Concen: 81.075 ng

RT: 22.561 min Scan# 3314

Delta R.T. 0.008 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

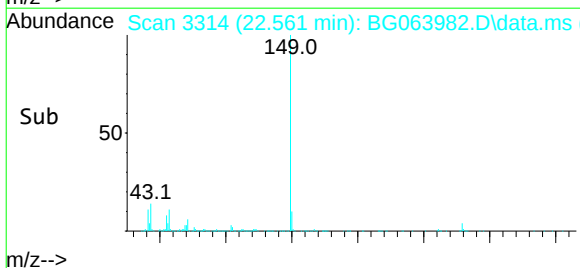
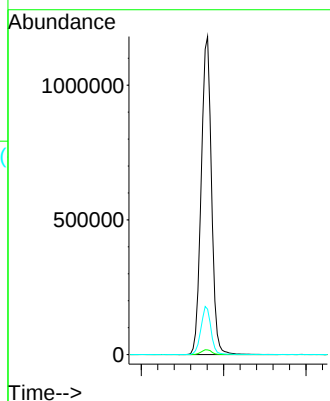
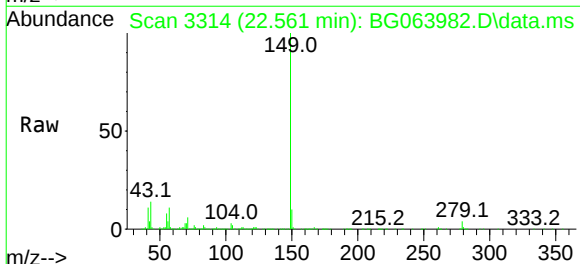
Tgt Ion:149 Resp: 2046672

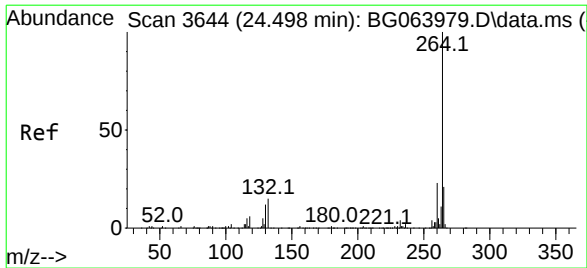
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 14.8 12.3 18.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.506 min Scan# 36

Delta R.T. 0.008 min

Lab File: BG063982.D

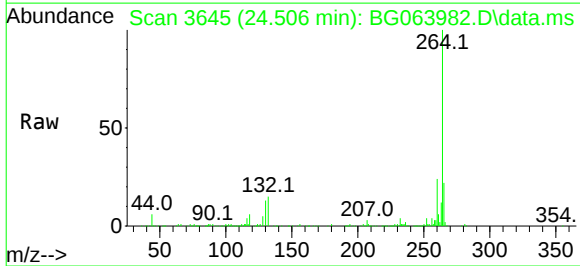
Acq: 3 Feb 2025 15:42

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



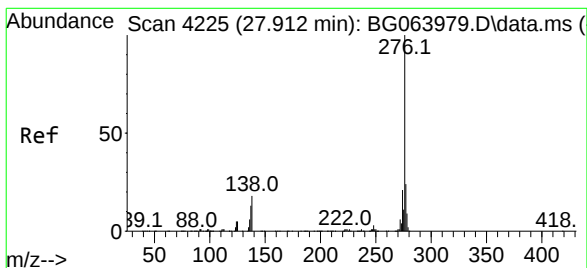
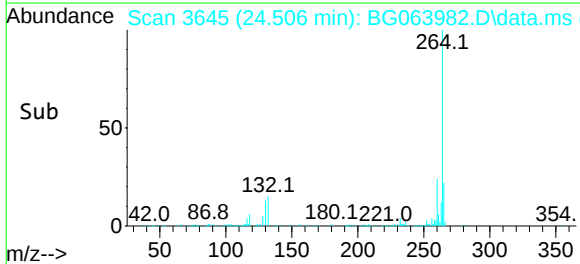
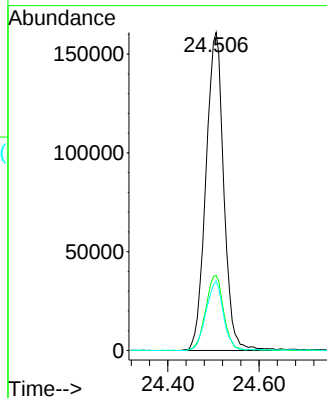
Tgt Ion:264 Resp: 436876

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 21.8 16.6 24.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 85.039 ng

RT: 27.943 min Scan# 4230

Delta R.T. 0.031 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

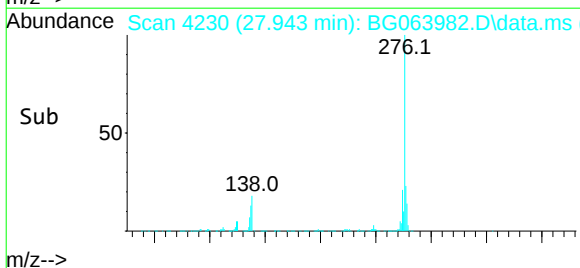
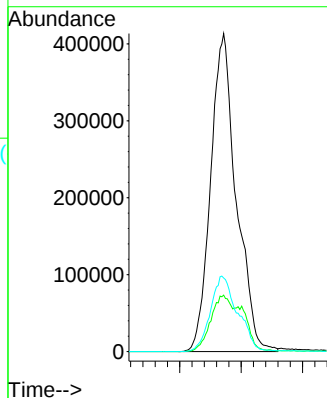
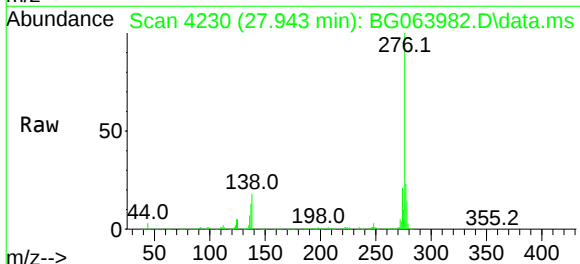
Tgt Ion:276 Resp: 2396769

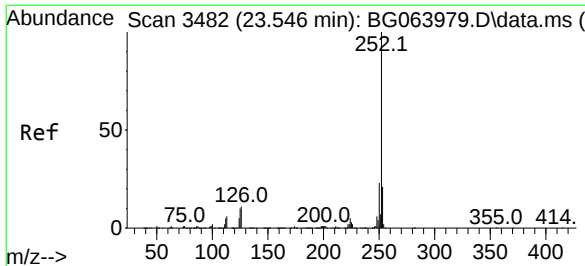
Ion Ratio Lower Upper

276 100

138 14.9 10.7 16.1

277 25.3 20.2 30.4





#88

Benzo(b)fluoranthene

Concen: 82.186 ng

RT: 23.554 min Scan# 34

Delta R.T. 0.008 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

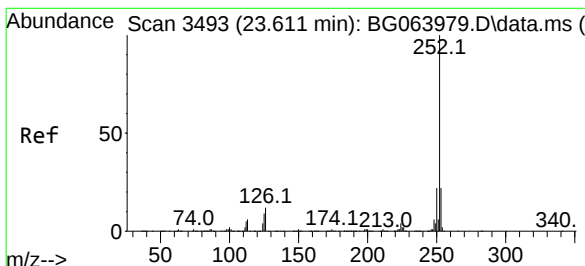
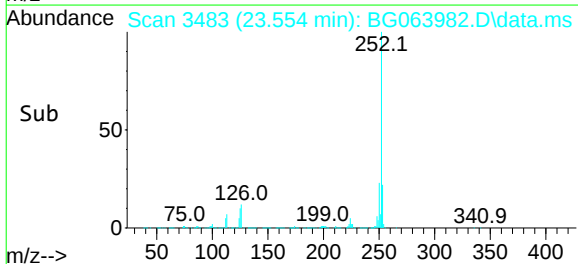
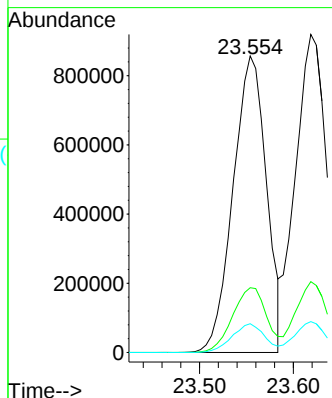
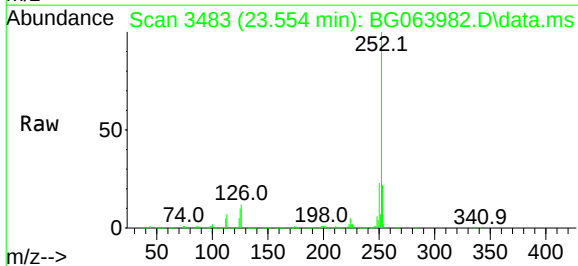
Tgt Ion:252 Resp: 2114269

Ion Ratio Lower Upper

252 100

253 21.8 16.9 25.3

125 9.7 7.9 11.9



#89

Benzo(k)fluoranthene

Concen: 82.157 ng

RT: 23.619 min Scan# 3494

Delta R.T. 0.008 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

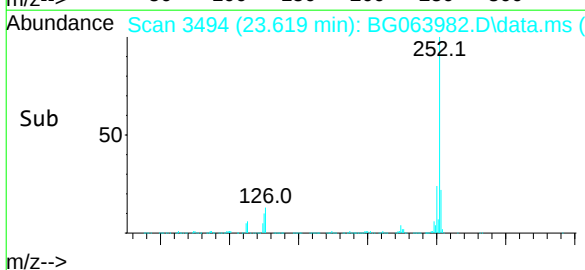
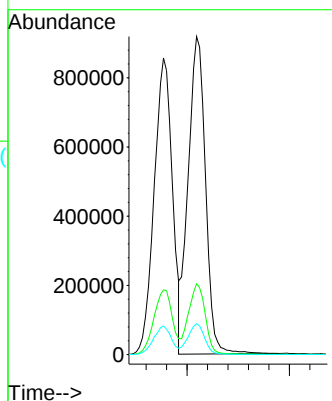
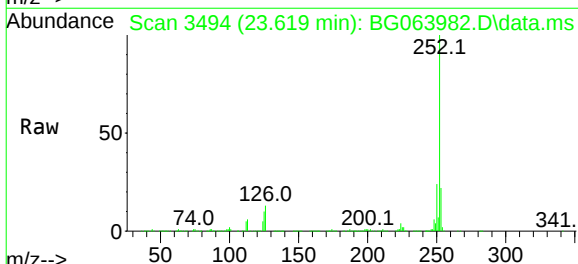
Tgt Ion:252 Resp: 2170201

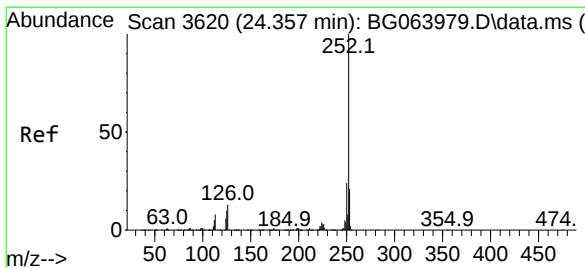
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 9.7 7.5 11.3





#90

Benzo(a)pyrene

Concen: 83.736 ng

RT: 24.371 min Scan# 36

Delta R.T. 0.014 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

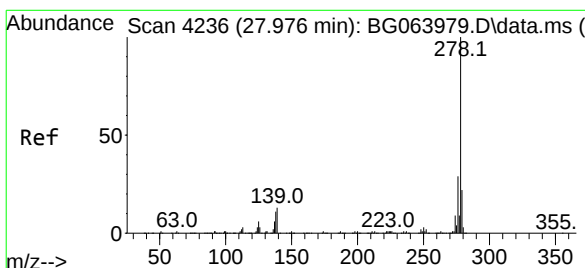
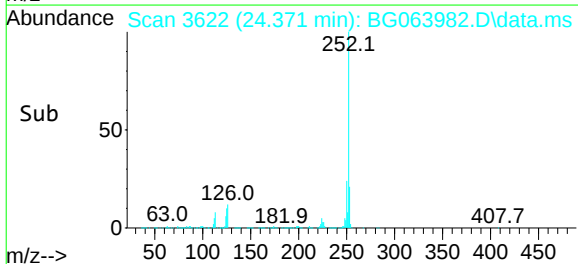
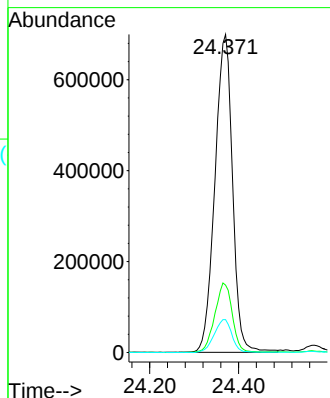
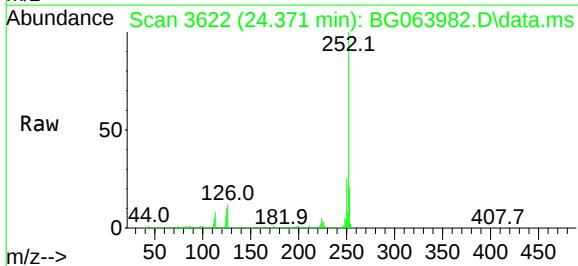
Tgt Ion:252 Resp: 1922777

Ion Ratio Lower Upper

252 100

253 21.2 17.1 25.7

125 10.3 7.9 11.9



#91

Dibenzo(a,h)anthracene

Concen: 85.360 ng

RT: 28.008 min Scan# 4241

Delta R.T. 0.031 min

Lab File: BG063982.D

Acq: 3 Feb 2025 15:42

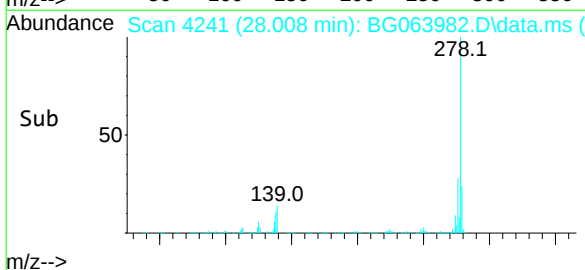
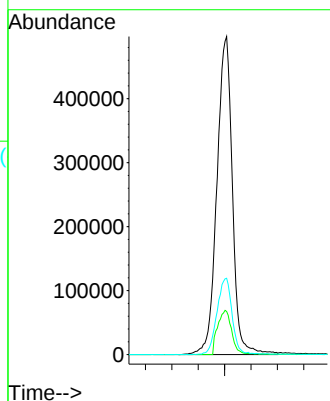
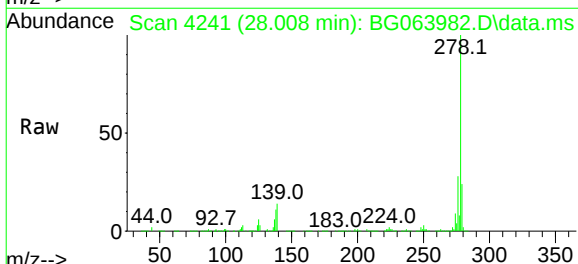
Tgt Ion:278 Resp: 2031458

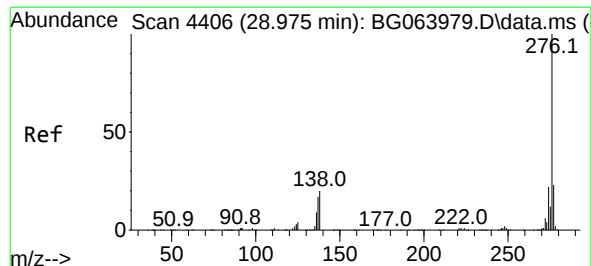
Ion Ratio Lower Upper

278 100

139 13.6 10.8 16.2

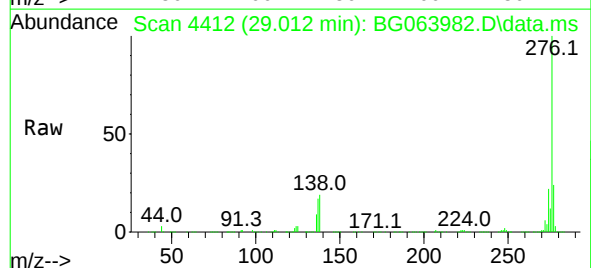
279 24.0 17.8 26.6





#92
Benzo(g,h,i)perylene
Concen: 84.876 ng
RT: 29.012 min Scan# 44
Delta R.T. 0.037 min
Lab File: BG063982.D
Acq: 3 Feb 2025 15:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:276 Resp: 2039172
Ion Ratio Lower Upper
276 100
277 24.1 18.2 27.4
138 18.7 15.8 23.6

