

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
 Data File : BG063844.D
 Acq On : 26 Dec 2024 20:47
 Operator : RC/JU
 Sample : P5324-06MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YE5X6MSD

Quant Time: Dec 27 01:23:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 24 00:44:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	88327	20.000	ng/u1	0.00
20) Naphthalene-d8	10.585	136	382146	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	311186	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.195	188	749700	20.000	ng/u1	0.00
79) Chrysene-d12	21.443	240	782487	20.000	ng/u1	0.00
88) Perylene-d12	24.463	264	825859	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	10066	4.466	ng/uL	0.00
4) Pyridine-d5	3.664	84	149592	21.039	ng/u1	0.00
7) Phenol-d5	6.983	99	217081	26.685	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.124	67	114567	20.391	ng/u1	0.00
11) 2-Chlorophenol-d4	7.336	132	127338	24.179	ng/u1	0.00
15) 4-Methylphenol-d8	8.517	113	158653	25.120	ng/u1	0.00
21) Nitrobenzene-d5	8.952	128	64843	23.765	ng/u1	0.00
24) 2-Nitrophenol-d4	9.674	143	85655	28.005	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.221	165	169060	28.549	ng/u1	0.00
31) 4-Chloroaniline-d4	10.726	131	209337	27.842	ng/u1	0.00
46) Dimethylphthalate-d6	13.846	166	623057	29.424	ng/u1	0.00
49) Acenaphthylene-d8	14.128	160	559095	23.162	ng/u1	0.00
54) 4-Nitrophenol-d4	14.674	143	89997	29.997	ng/u1	0.00
60) Fluorene-d10	15.432	176	506719	27.066	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.573	200	99395	25.535	ng/u1	0.00
73) Anthracene-d10	17.289	188	1000971	31.055	ng/u1	0.00
81) Pyrene-d10	19.592	212	1058986	26.007	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.257	264	1048067	27.024	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	32770	12.285	ng/uL#	93
5) Pyridine	3.681	79	242562	31.850	ng/u1	91
6) Benzaldehyde	6.936	77	52991	10.620	ng/u1	93
8) Phenol	7.007	94	281456	32.464	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.218	93	195457	29.466	ng/u1	97
12) 2-Chlorophenol	7.365	128	165521	31.049	ng/u1	98
13) 2-Methylphenol	8.252	108	203005	32.397	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.311	45	293032	29.757	ng/u1	96
16) Acetophenone	8.617	105	326905	30.516	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.599	70	193779	30.316	ng/u1	93
18) 4-Methylphenol	8.581	108	229461	33.459	ng/u1	99
19) Hexachloroethane	8.869	117	73735	28.149	ng/u1	95
22) Nitrobenzene	8.993	77	275069	30.189	ng/u1	96
23) Isophorone	9.516	82	547843	31.822	ng/u1	98
25) 2-Nitrophenol	9.704	139	110967	35.302	ng/u1#	85
26) 2,4-Dimethylphenol	9.774	107	234992	32.946	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.997	93	293345	31.503	ng/u1	99
29) 2,4-Dichlorophenol	10.244	162	201895	34.313	ng/u1	96
30) Naphthalene	10.638	128	600932	31.452	ng/u1	99
32) 4-Chloroaniline	10.749	127	148295	20.729	ng/u1	99
33) Hexachlorobutadiene	10.920	225	131744	27.560	ng/u1	97
34) Caprolactam	11.507	113	60544	29.767	ng/u1	91
36) 2-Methylnaphthalene	12.248	142	442478	32.223	ng/u1	99
37) 1-Methylnaphthalene	12.471	142	453796	32.444	ng/u1	97

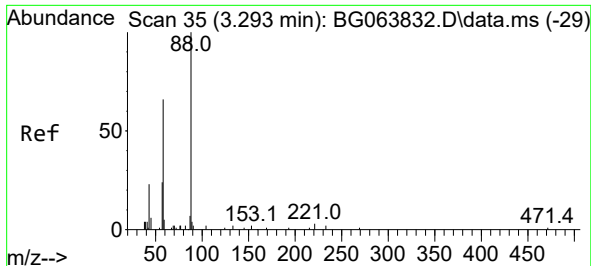
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.624	216	274499	27.555	ng/ul	98
40) Hexachlorocyclopentadiene	12.600	237	54838	13.925	ng/ul#	97
41) 2,4,6-Trichlorophenol	12.871	196	181102	32.165	ng/ul	98
42) 2,4,5-Trichlorophenol	12.871	196	126967	21.608	ng/ul	97
43) 1,1'-Biphenyl	13.270	154	634577	30.921	ng/ul	94
44) 2-Chloronaphthalene	13.311	162	498362	30.241	ng/ul	98
45) 2-Nitroaniline	13.517	65	201012	36.415	ng/ul	93
47) Dimethylphthalate	13.893	163	699739	32.973	ng/ul	98
48) 2,6-Dinitrotoluene	14.022	165	145856	37.007	ng/ul#	87
50) Acenaphthylene	14.157	152	832086	32.149	ng/ul	98
51) 3-Nitroaniline	14.351	138	145627	39.964	ng/ul	91
52) Acenaphthene	14.504	153	602365	32.836	ng/ul	95
53) 2,4-Dinitrophenol	14.574	184	63489	31.521	ng/ul	92
55) 4-Nitrophenol	14.686	109	98427	31.594	ng/ul	95
56) Dibenzofuran	14.839	168	860896	33.287	ng/ul	94
57) 2,4-Dinitrotoluene	14.815	165	223368	38.141	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.080	232	163283	32.237	ng/ul	92
59) Diethylphthalate	15.262	149	698436	34.044	ng/ul	97
61) Fluorene	15.491	166	705991	34.186	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.485	204	367956	31.981	ng/ul	96
63) 4-Nitroaniline	15.520	138	161974	44.400	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.591	198	146420	36.513	ng/ul#	89
67) N-Nitrosodiphenylamine	15.702	169	626499	34.510	ng/ul	97
68) 4-Bromophenyl-phenylether	16.378	248	249701	32.681	ng/ul	98
69) Hexachlorobenzene	16.502	284	275198	32.148	ng/ul	94
70) Atrazine	16.654	200	260470	33.941	ng/ul	99
71) Pentachlorophenol	16.854	266	99605	27.597	ng/ul	98
72) Phenanthrene	17.236	178	1275450	35.304	ng/ul	99
74) Anthracene	17.324	178	1298273	35.505	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.235	216	284338	28.426	ng/ul	98
76) Pentachlorobenzene	14.762	250	308614	31.144	ng/ul	99
77) Carbazole	17.600	167	1127141	38.080	ng/ul	99
78) Di-n-butylphthalate	18.158	149	1279348	35.789	ng/ul	98
80) Fluoranthene	19.257	202	1544608	33.375	ng/ul	97
82) Pyrene	19.621	202	1619028	32.881	ng/ul#	95
83) Butylbenzylphthalate	20.514	149	562101	37.188	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.349	252	470111	33.281	ng/ul	94
85) Benzo(a)anthracene	21.425	228	1579967	32.219	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.337	149	817343	37.173	ng/ul	99
87) Chrysene	21.490	228	1512840	32.368	ng/ul	97
89) Di-n-octyl phthalate	22.471	149	1439940	40.396	ng/ul	100
90) Benzo(b)fluoranthene	23.511	252	1600253	34.093	ng/ul	99
91) Benzo(k)fluoranthene	23.570	252	1566512	33.458	ng/ul	99
93) Benzo(a)pyrene	24.322	252	1478452	33.557	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.871	276	1872923	34.810	ng/ul	96
95) Dibenzo(a,h)anthracene	27.918	278	1507224	35.009	ng/ul	94
96) Benzo(g,h,i)perylene	28.928	276	1462698	34.259	ng/ul	97

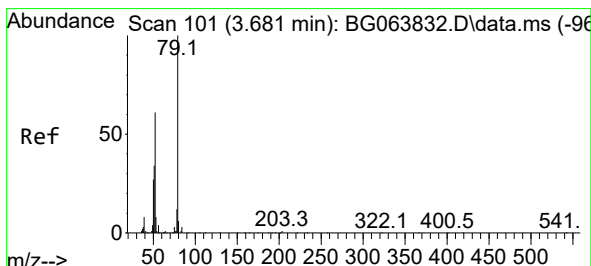
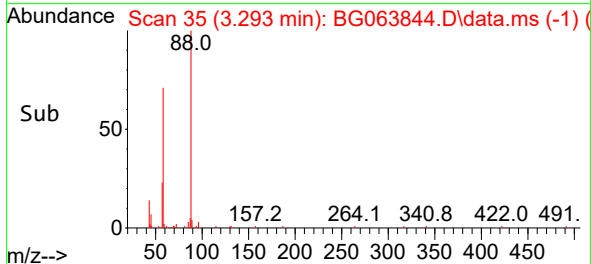
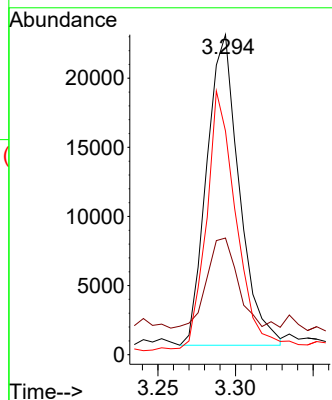
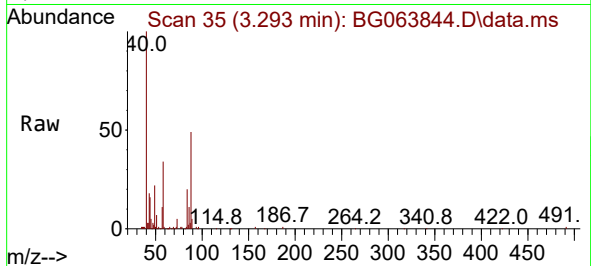
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#2
1,4-Dioxane
Concen: 12.285 ng/uL
RT: 3.293 min Scan# 35
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

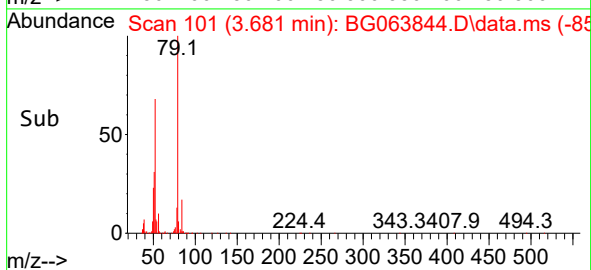
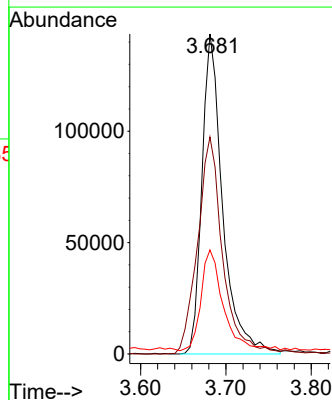
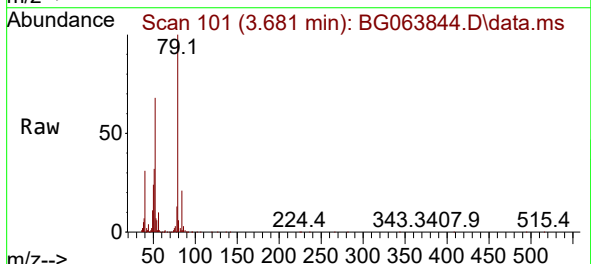
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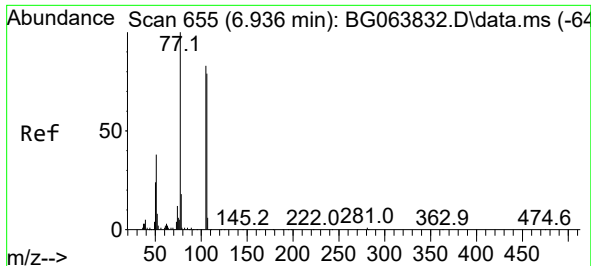
Tgt Ion: 88 Resp: 32770
Ion Ratio Lower Upper
88 100
43 36.5 20.9 31.3#
58 69.9 57.7 86.5



#5
Pyridine
Concen: 31.850 ng/uL
RT: 3.681 min Scan# 101
Delta R.T. -0.006 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Tgt Ion: 79 Resp: 242562
Ion Ratio Lower Upper
79 100
52 67.8 60.9 91.3
51 32.5 29.5 44.3

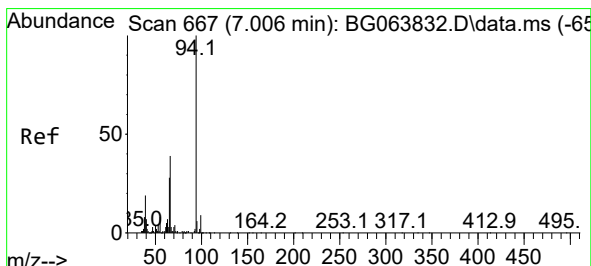
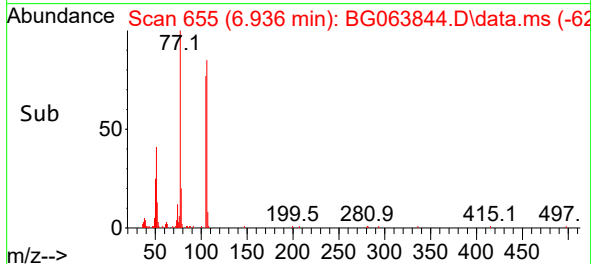
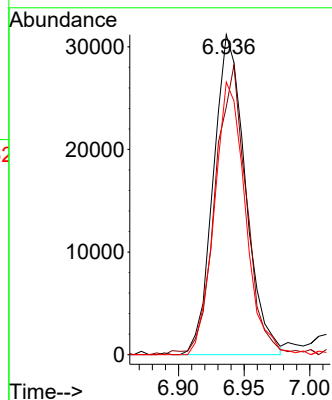
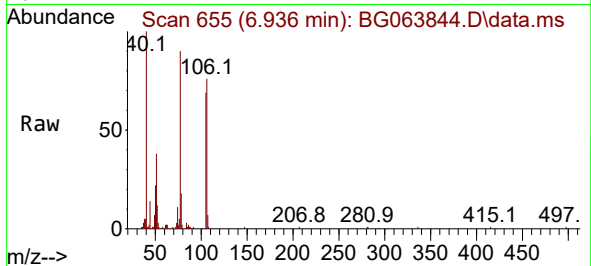




#6
Benzaldehyde
Concen: 10.620 ng/ul
RT: 6.936 min Scan# 611
Delta R.T. -0.006 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

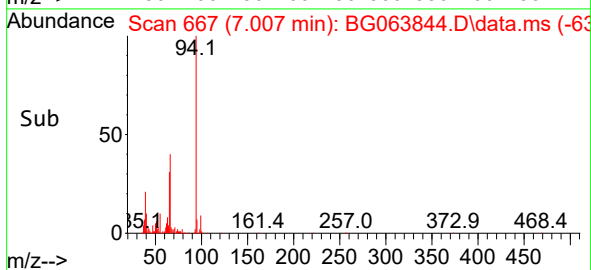
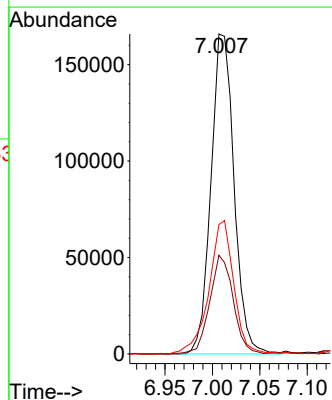
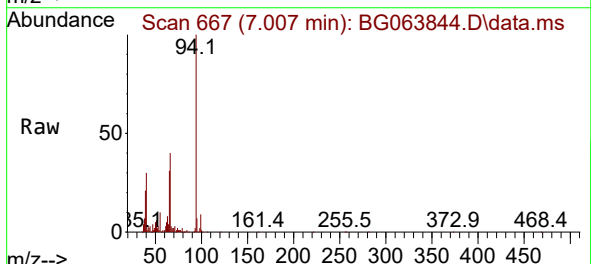
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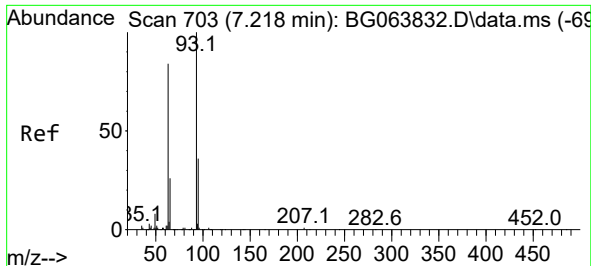
Tgt Ion: 77 Resp: 52991
Ion Ratio Lower Upper
77 100
105 77.4 65.2 97.8
106 85.2 61.0 91.4



#8
Phenol
Concen: 32.464 ng/ul
RT: 7.007 min Scan# 667
Delta R.T. -0.006 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Tgt Ion: 94 Resp: 281456
Ion Ratio Lower Upper
94 100
65 30.8 25.6 38.4
66 40.4 34.2 51.2

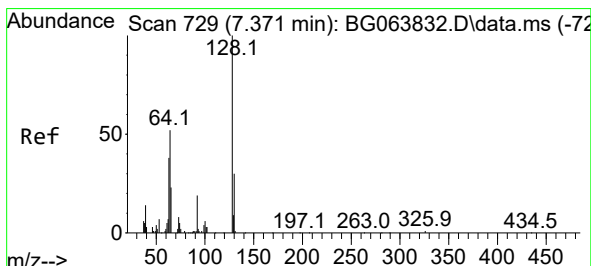
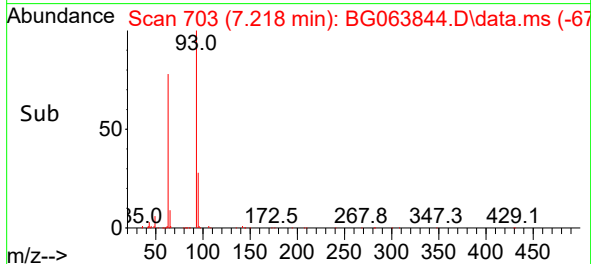
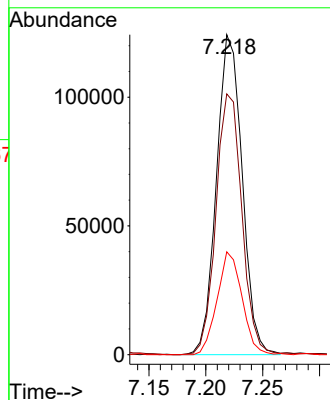
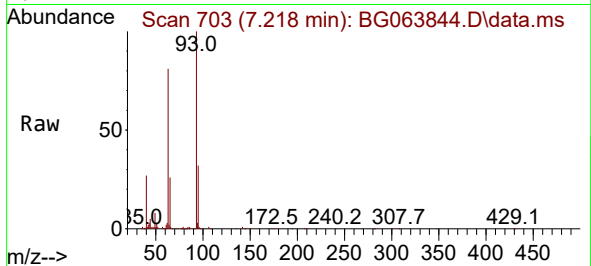




#10
Bis(2-Chloroethyl)ether
Concen: 29.466 ng/ul
RT: 7.218 min Scan# 703
Delta R.T. -0.006 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

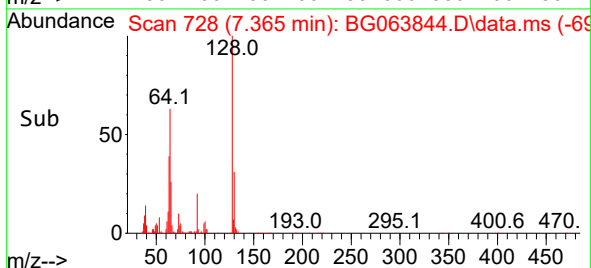
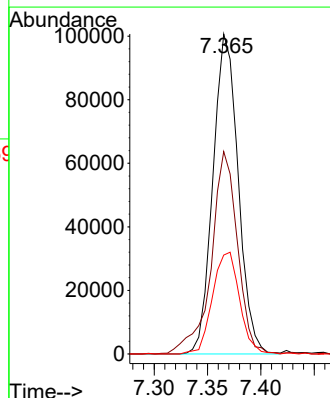
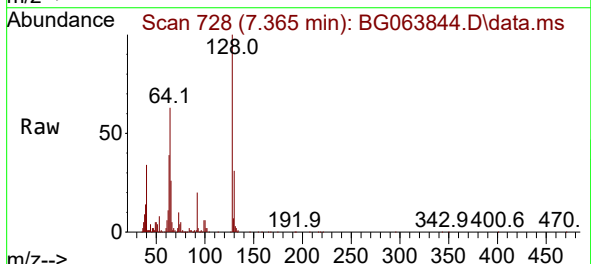
Instrument :
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ClientSampleId :
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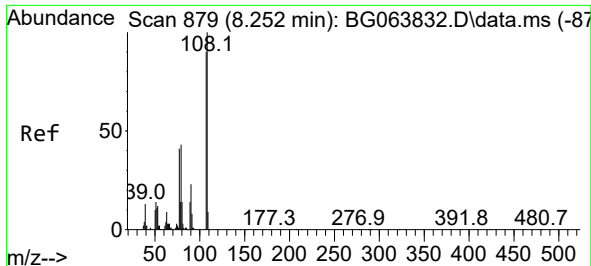
Tgt Ion: 93 Resp: 195457
Ion Ratio Lower Upper
93 100
63 81.5 63.8 95.6
95 32.1 27.6 41.4



#12
2-Chlorophenol
Concen: 31.049 ng/ul
RT: 7.365 min Scan# 728
Delta R.T. -0.006 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Tgt Ion:128 Resp: 165521
Ion Ratio Lower Upper
128 100
64 63.2 48.9 73.3
130 30.9 24.2 36.2





#13

2-Methylphenol

Concen: 32.397 ng/ul

RT: 8.252 min Scan# 879

Delta R.T. 0.000 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

Instrument :

BNA_G

ClientSampleId :

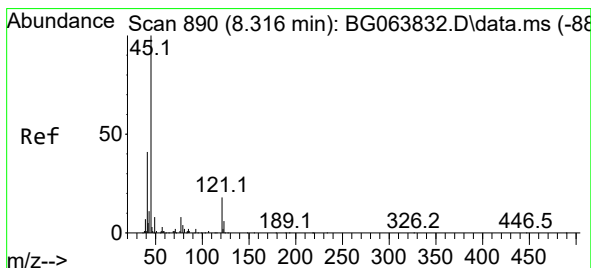
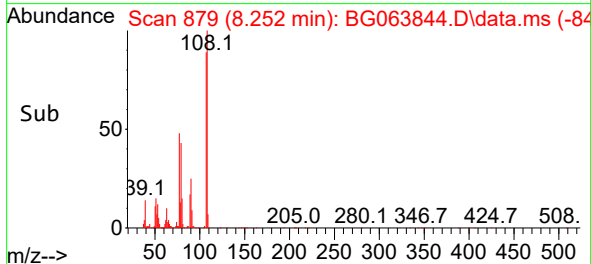
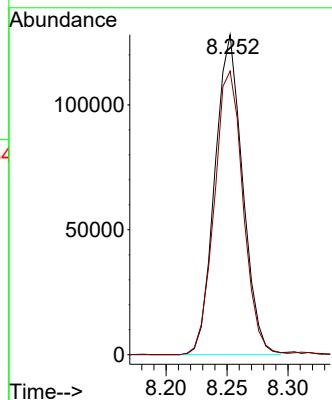
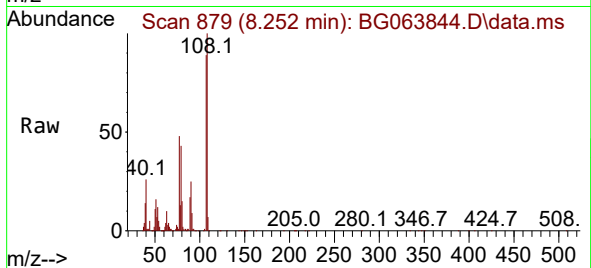
YE5X6MSD

Tgt Ion:108 Resp: 203005

Ion Ratio Lower Upper

108 100

107 88.6 72.6 108.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 29.757 ng/ul

RT: 8.311 min Scan# 889

Delta R.T. -0.006 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

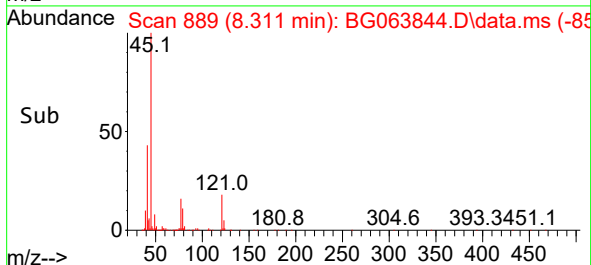
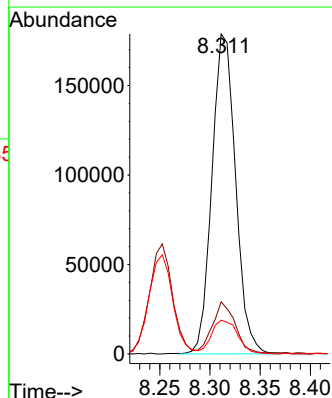
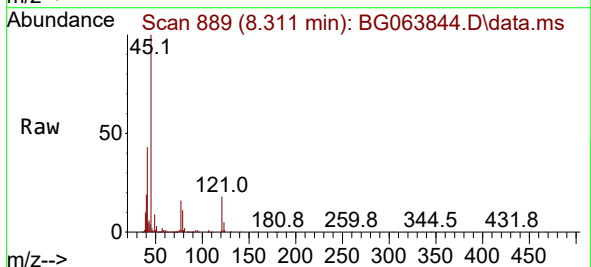
Tgt Ion: 45 Resp: 293032

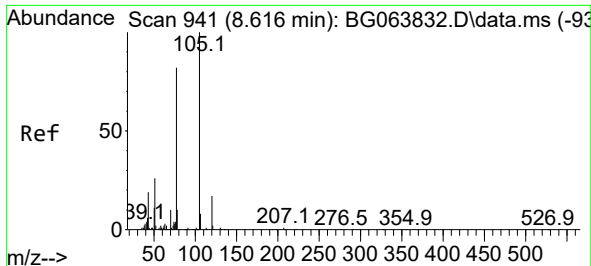
Ion Ratio Lower Upper

45 100

77 16.3 11.5 17.3

79 10.5 9.2 13.8

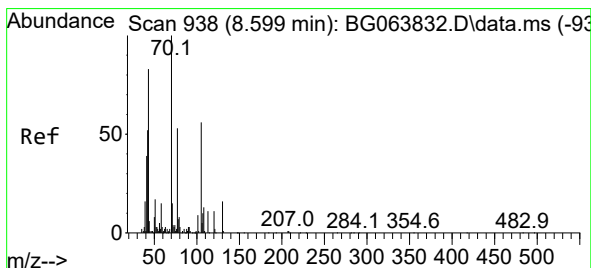
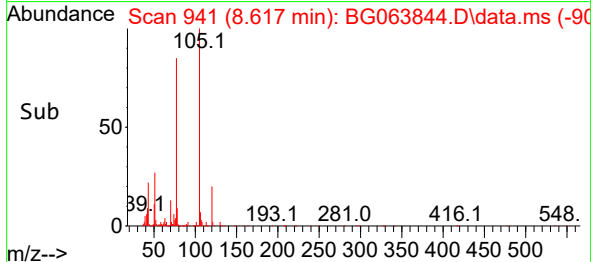
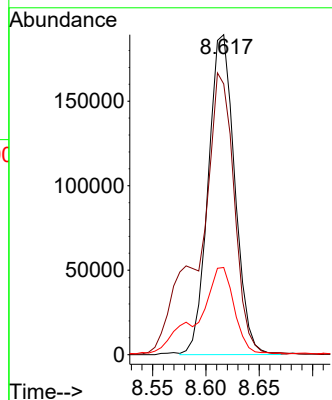
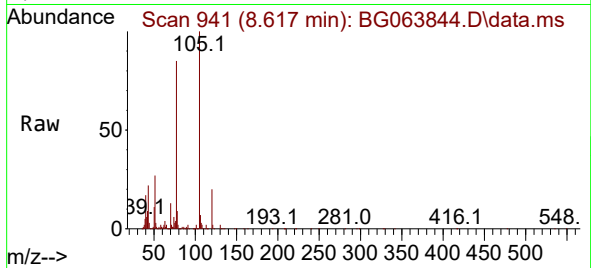




#16
Acetophenone
Concen: 30.516 ng/ul
RT: 8.617 min Scan# 941
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

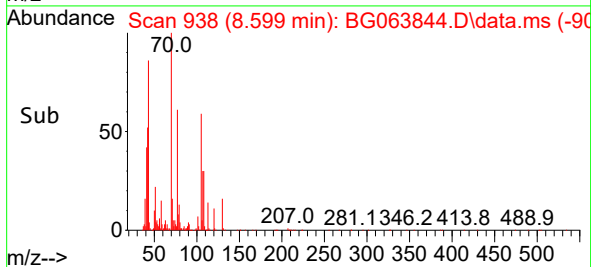
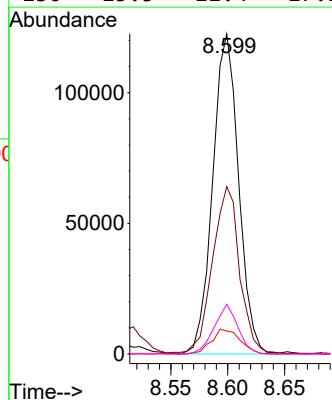
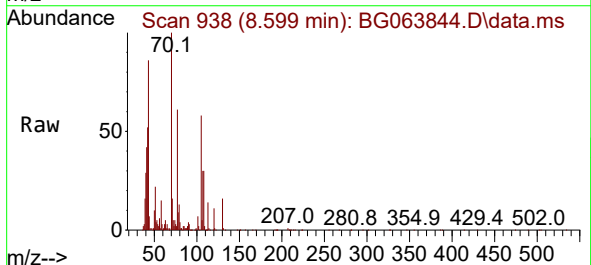
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ClientSampleId :
YE5X6MSD

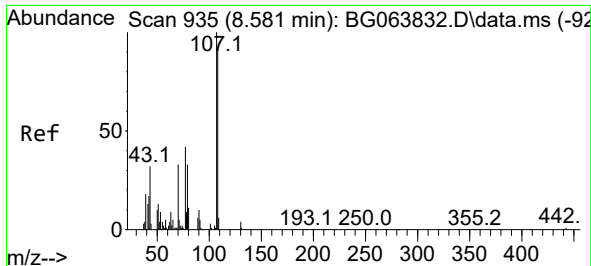
Tgt Ion:105 Resp: 326905
Ion Ratio Lower Upper
105 100
77 84.6 73.6 110.4
51 27.3 25.4 38.2



#17
N-Nitroso-di-n-propylamine
Concen: 30.316 ng/ul
RT: 8.599 min Scan# 938
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Tgt Ion: 70 Resp: 193779
Ion Ratio Lower Upper
70 100
42 52.3 47.4 71.0
101 7.2 6.1 9.1
130 15.5 11.4 17.2

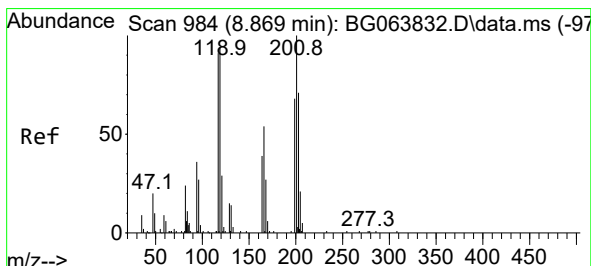
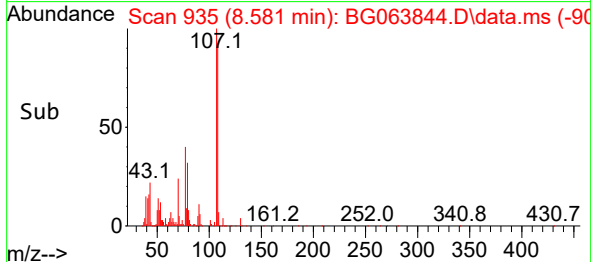
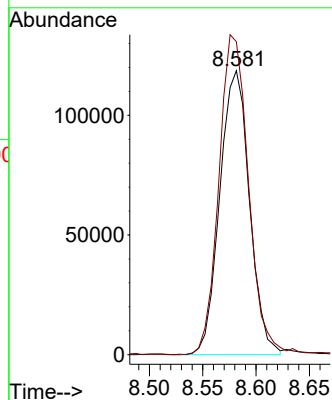
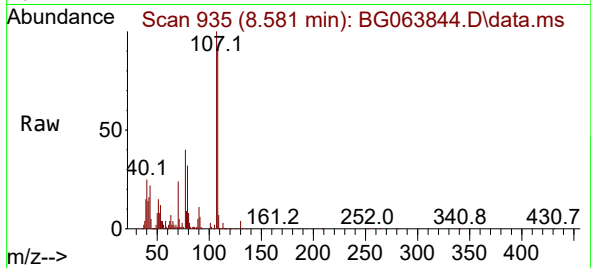




#18
4-Methylphenol
Concen: 33.459 ng/ul
RT: 8.581 min Scan# 911
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

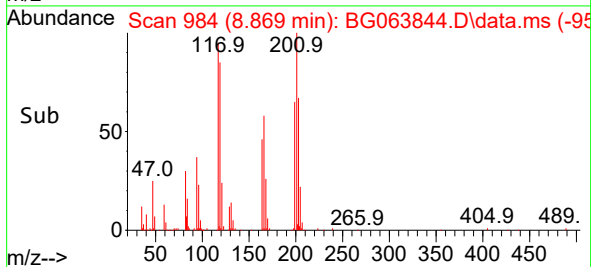
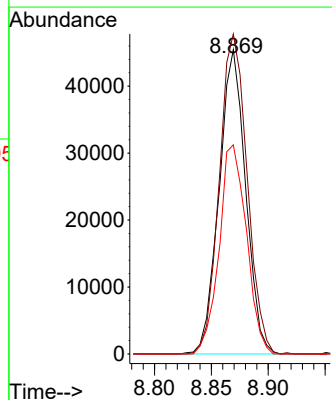
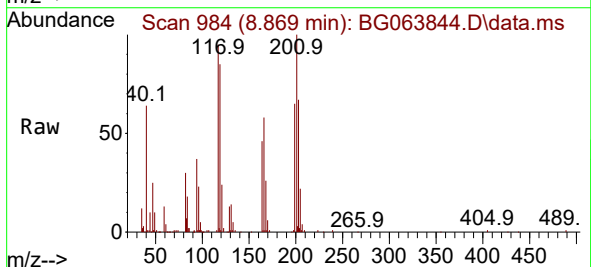
Instrument :
BNA_G
ClientSampleId :
YE5X6MSD

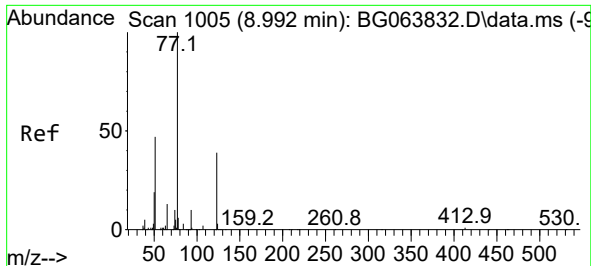
Tgt Ion:108 Resp: 229461
Ion Ratio Lower Upper
108 100
107 110.2 89.2 133.8



#19
Hexachloroethane
Concen: 28.149 ng/ul
RT: 8.869 min Scan# 984
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

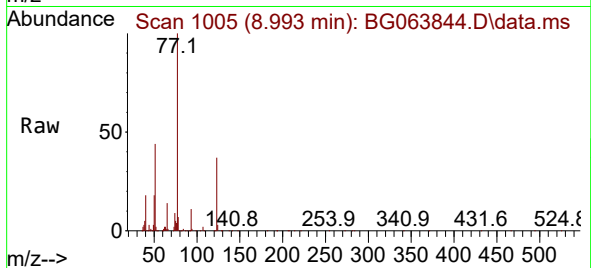
Tgt Ion:117 Resp: 73735
Ion Ratio Lower Upper
117 100
201 105.1 86.8 130.2
199 68.7 59.4 89.2



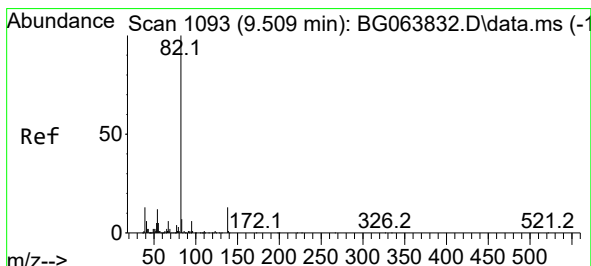
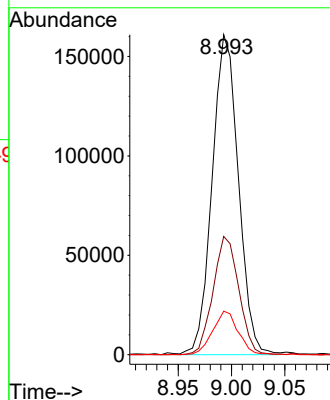
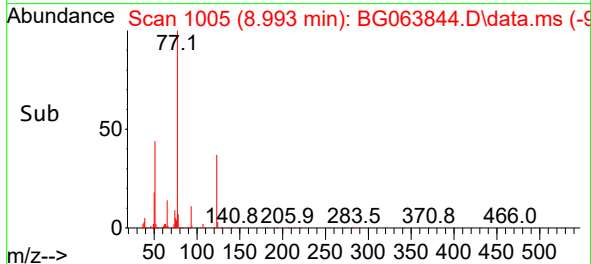


#22
Nitrobenzene
Concen: 30.189 ng/ul
RT: 8.993 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Instrument :
BNA_G
ClientSampleId :
YE5X6MSD

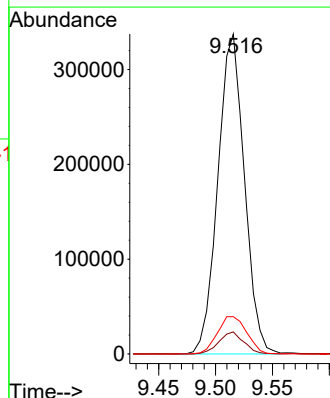
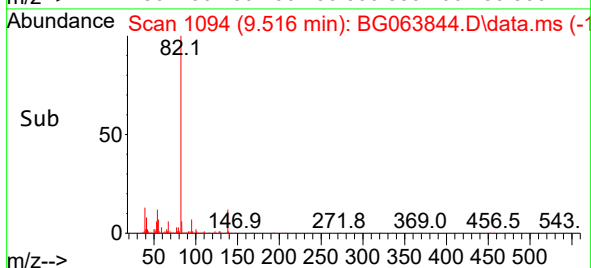
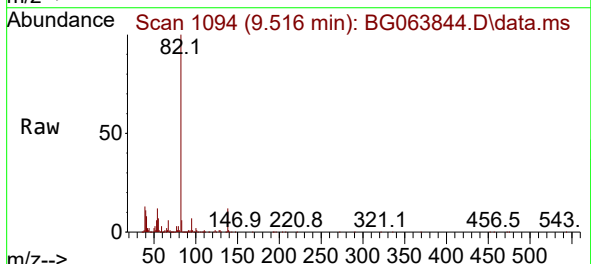


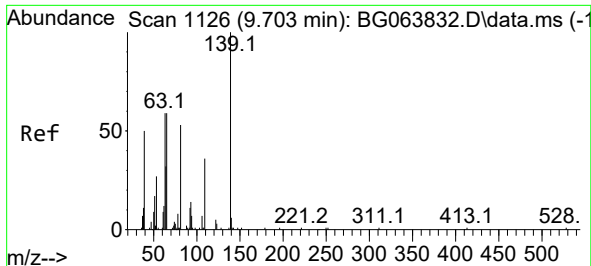
Tgt Ion: 77 Resp: 275069
Ion Ratio Lower Upper
77 100
123 36.9 27.0 40.4
65 13.6 10.8 16.2



#23
Isophorone
Concen: 31.822 ng/ul
RT: 9.516 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Tgt Ion: 82 Resp: 547843
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.6
138 11.7 10.3 15.5

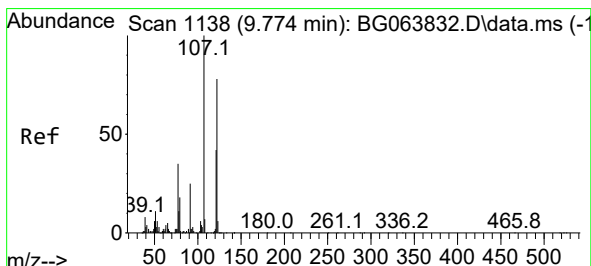
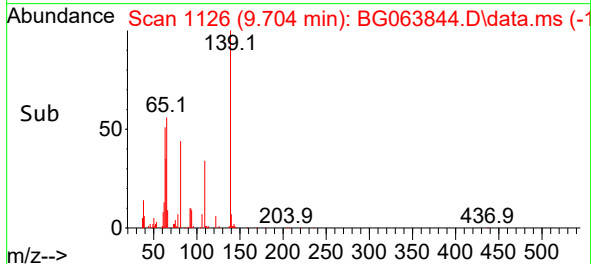
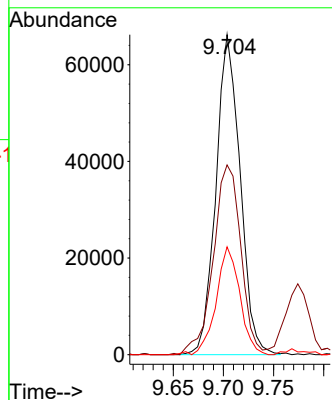
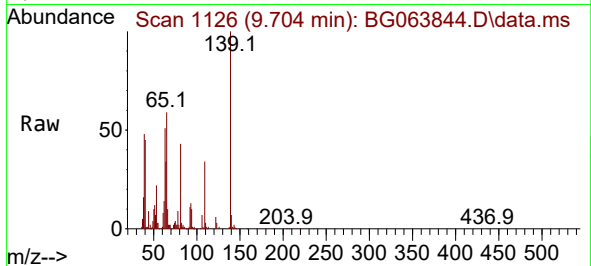




#25
2-Nitrophenol
Concen: 35.302 ng/ul
RT: 9.704 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

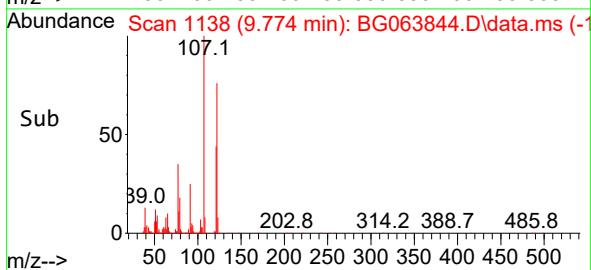
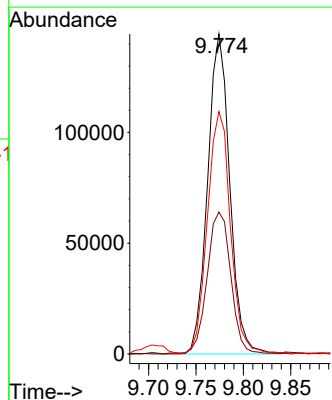
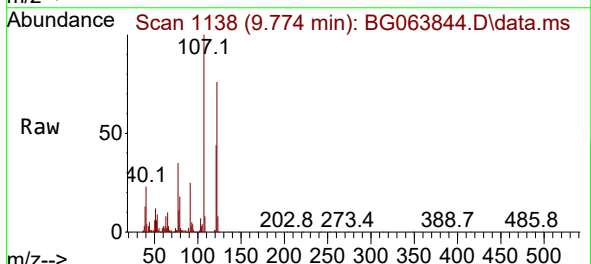
Instrument :
BNA_G
ClientSampleId :
YE5X6MSD

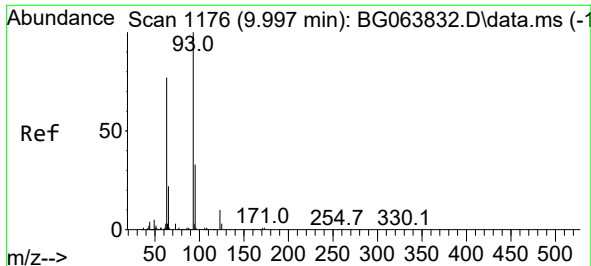
Tgt Ion:139 Resp: 110967
Ion Ratio Lower Upper
139 100
65 59.3 62.2 93.2#
109 33.7 26.9 40.3



#26
2,4-Dimethylphenol
Concen: 32.946 ng/ul
RT: 9.774 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Tgt Ion:107 Resp: 234992
Ion Ratio Lower Upper
107 100
121 44.4 38.4 57.6
122 75.8 61.8 92.8

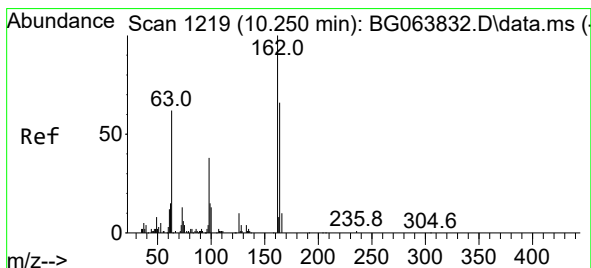
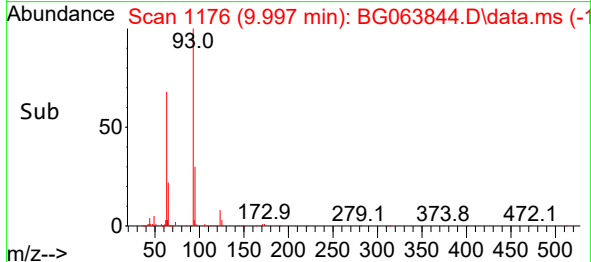
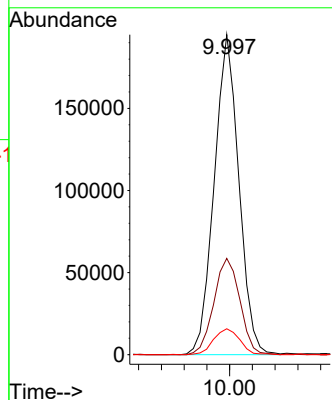
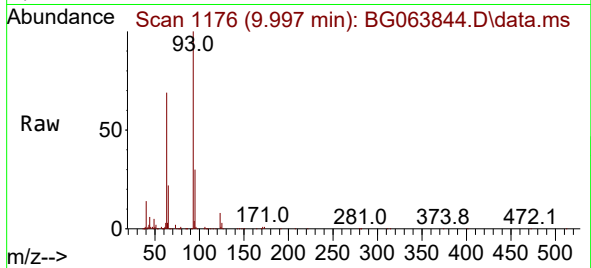




#27
 Bis(2-Chloroethoxy)methane
 Concen: 31.503 ng/ul
 RT: 9.997 min Scan# 1176
 Delta R.T. 0.000 min
 Lab File: BG063844.D
 Acq: 26 Dec 2024 20:47

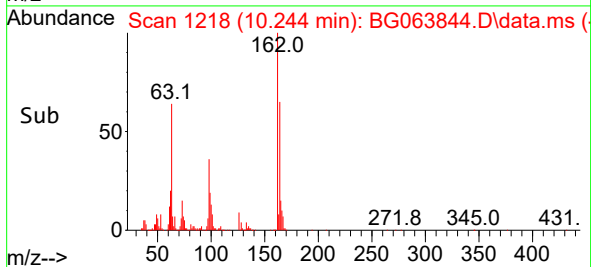
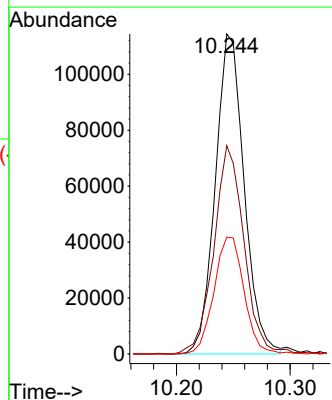
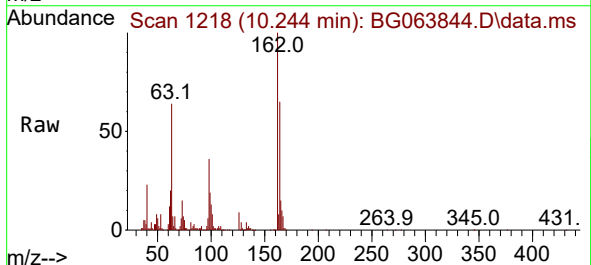
Instrument :
 BNA_G
 ClientSampleId :
 YE5X6MSD

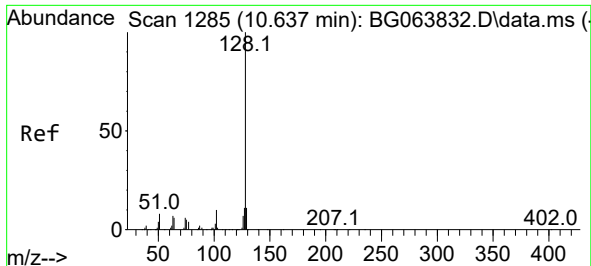
Tgt Ion: 93 Resp: 293345
 Ion Ratio Lower Upper
 93 100
 95 30.1 23.5 35.3
 123 8.1 6.2 9.4



#29
 2,4-Dichlorophenol
 Concen: 34.313 ng/ul
 RT: 10.244 min Scan# 1218
 Delta R.T. 0.000 min
 Lab File: BG063844.D
 Acq: 26 Dec 2024 20:47

Tgt Ion:162 Resp: 201895
 Ion Ratio Lower Upper
 162 100
 164 65.1 53.0 79.4
 98 36.5 33.0 49.6

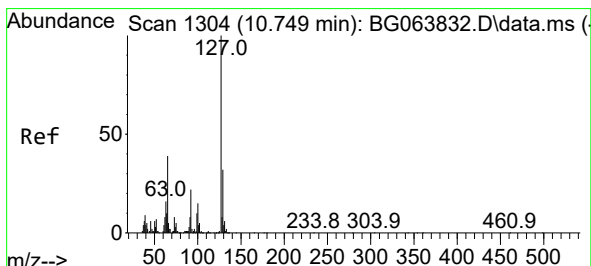
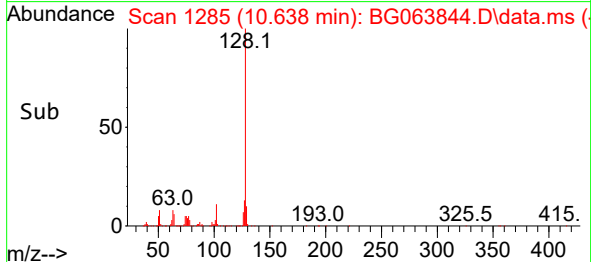
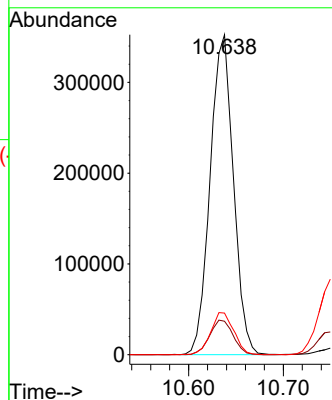
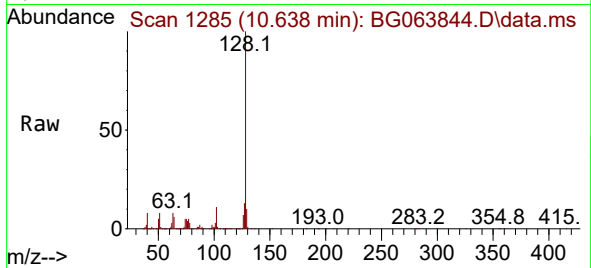




#30
Naphthalene
Concen: 31.452 ng/ul
RT: 10.638 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

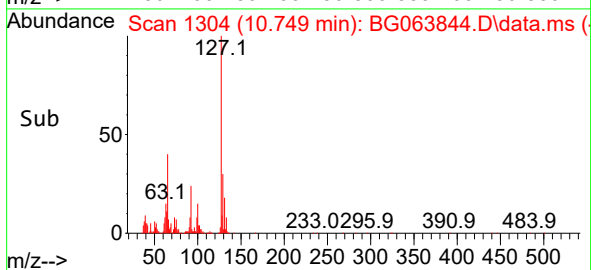
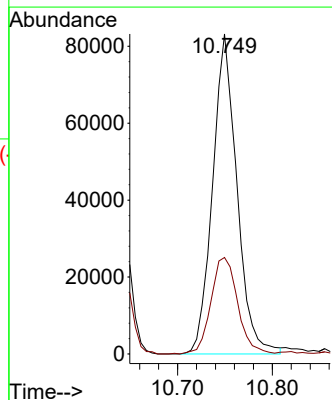
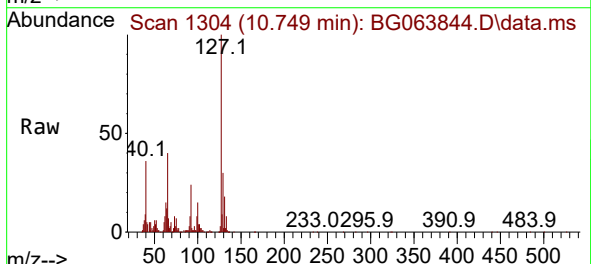
Instrument :
BNA_G
ClientSampleId :
YE5X6MSD

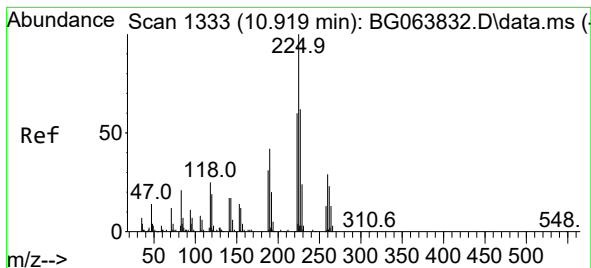
Tgt Ion:128 Resp: 600932
Ion Ratio Lower Upper
128 100
129 10.5 8.2 12.2
127 13.0 9.8 14.8



#32
4-Chloroaniline
Concen: 20.729 ng/ul
RT: 10.749 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Tgt Ion:127 Resp: 148295
Ion Ratio Lower Upper
127 100
129 30.2 24.5 36.7

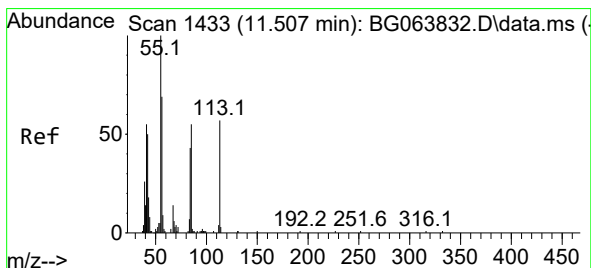
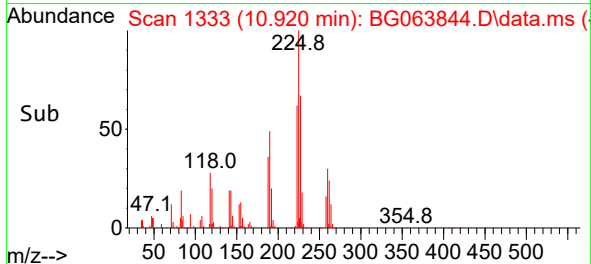
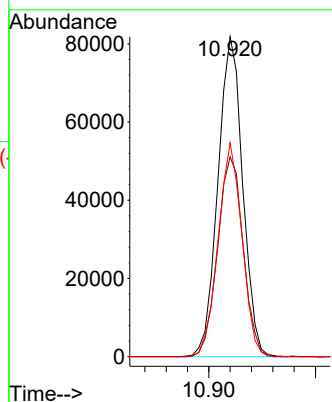
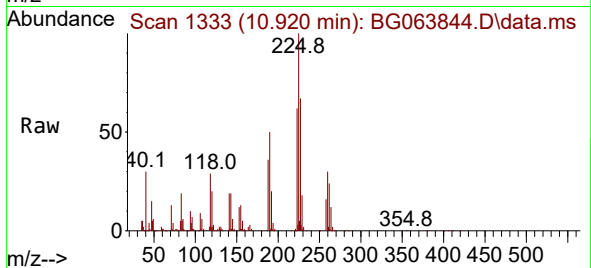




#33
Hexachlorobutadiene
Concen: 27.560 ng/ul
RT: 10.920 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

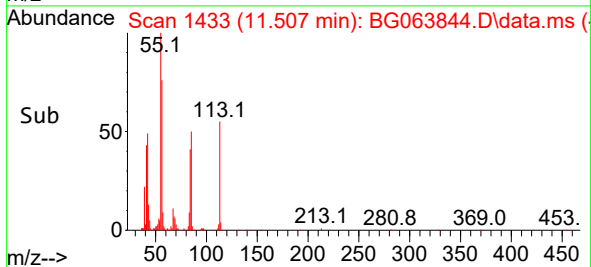
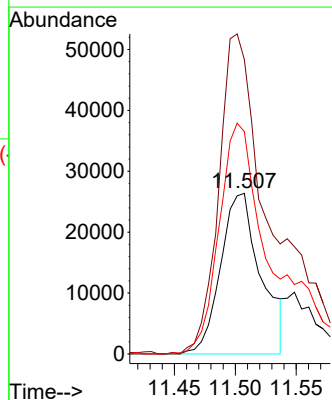
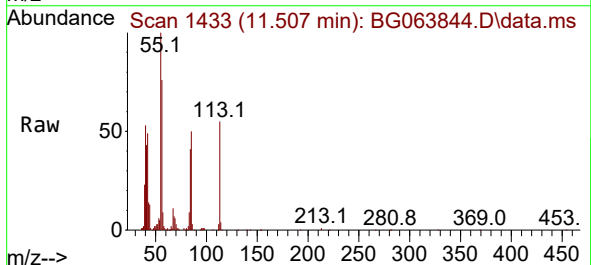
Instrument :
BNA_G
ClientSampleId :
YE5X6MSD

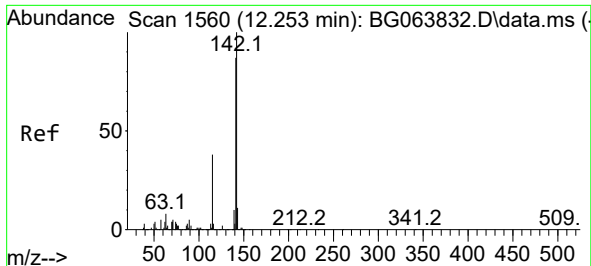
Tgt Ion:225 Resp: 131744
Ion Ratio Lower Upper
225 100
223 62.5 51.2 76.8
227 66.8 51.1 76.7



#34
Caprolactam
Concen: 29.767 ng/ul
RT: 11.507 min Scan# 1433
Delta R.T. 0.012 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Tgt Ion:113 Resp: 60544
Ion Ratio Lower Upper
113 100
55 183.2 162.3 243.5
56 138.4 107.1 160.7

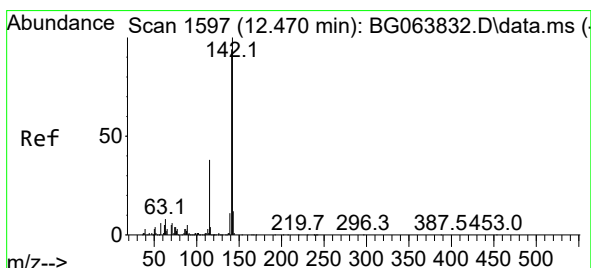
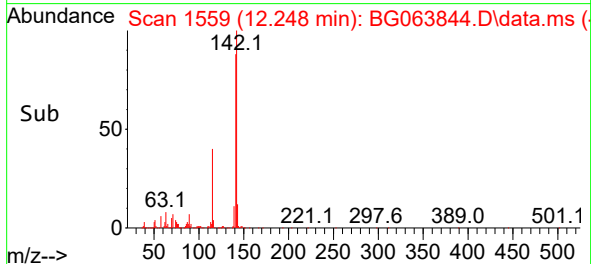
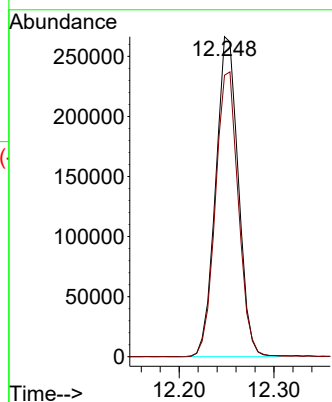
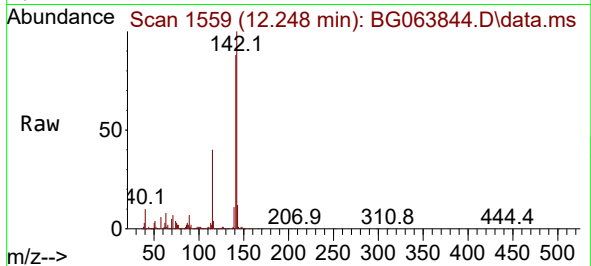




#36
2-Methylnaphthalene
Concen: 32.223 ng/ul
RT: 12.248 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

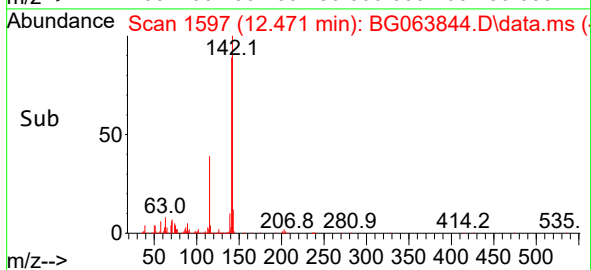
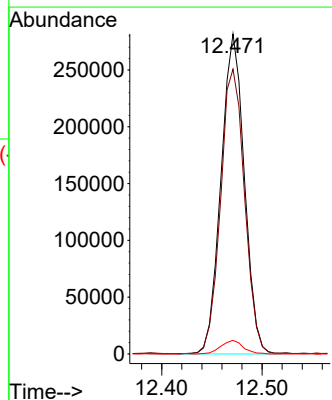
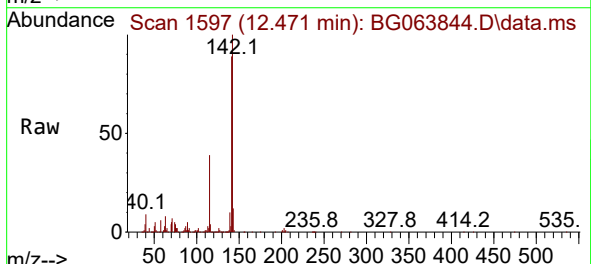
Instrument :
BNA_G
ClientSampleId :
YE5X6MSD

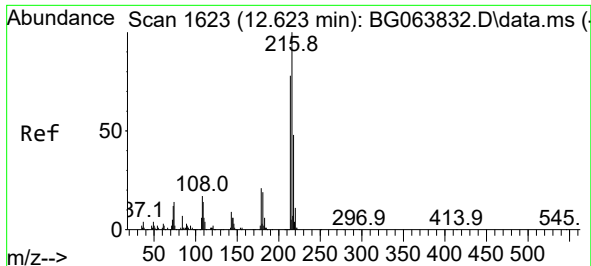
Tgt Ion:142 Resp: 442478
Ion Ratio Lower Upper
142 100
141 88.0 69.5 104.3



#37
1-Methylnaphthalene
Concen: 32.444 ng/ul
RT: 12.471 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Tgt Ion:142 Resp: 453796
Ion Ratio Lower Upper
142 100
141 89.0 73.8 110.6
116 4.3 3.5 5.3

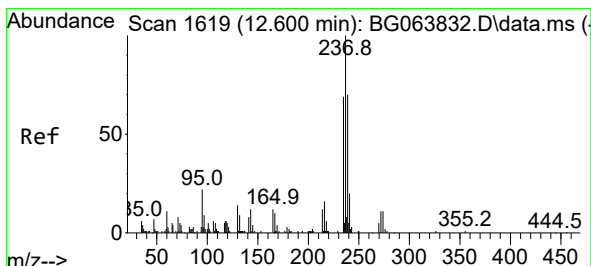
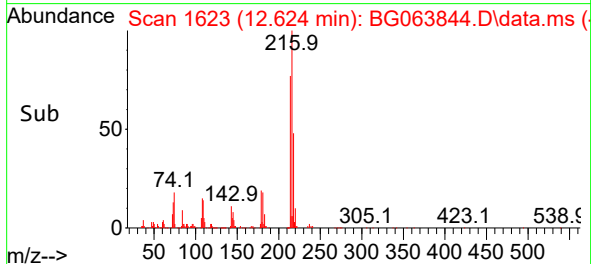
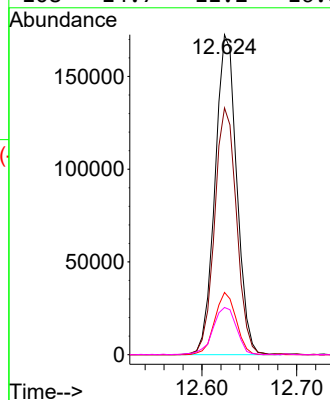
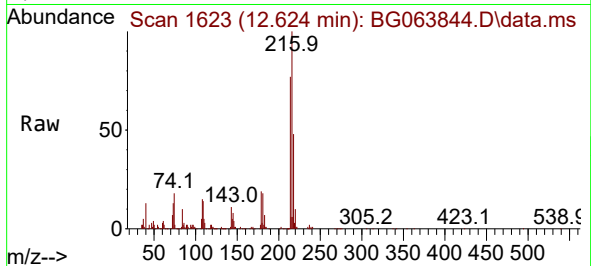




#39
1,2,4,5-Tetrachlorobenzene
Concen: 27.555 ng/ul
RT: 12.624 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

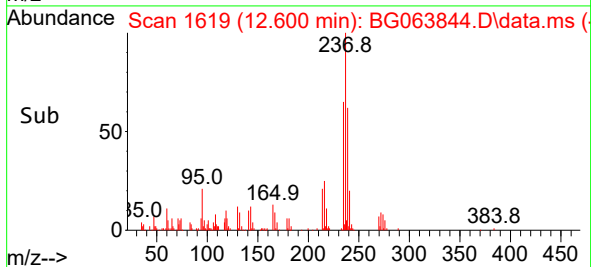
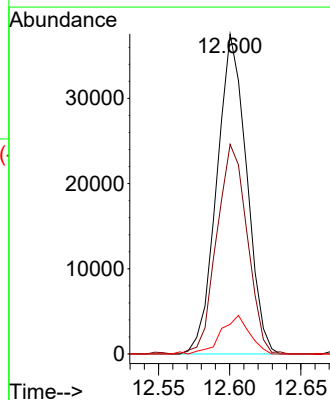
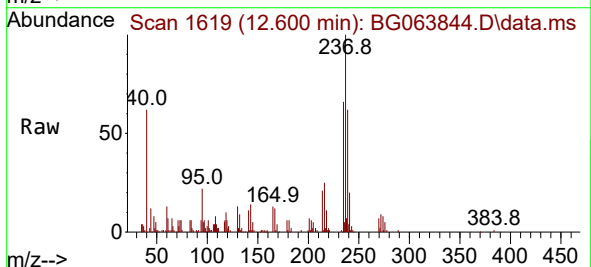
Instrument :
BNA_G
ClientSampleId :
YE5X6MSD

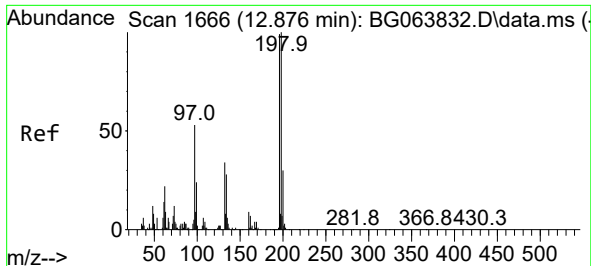
Tgt Ion:216 Resp: 274499
Ion Ratio Lower Upper
216 100
214 77.1 62.6 93.8
179 19.5 16.5 24.7
108 14.7 11.2 16.8



#40
Hexachlorocyclopentadiene
Concen: 13.925 ng/ul
RT: 12.600 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Tgt Ion:237 Resp: 54838
Ion Ratio Lower Upper
237 100
235 65.5 51.0 76.6
272 9.2 9.7 14.5

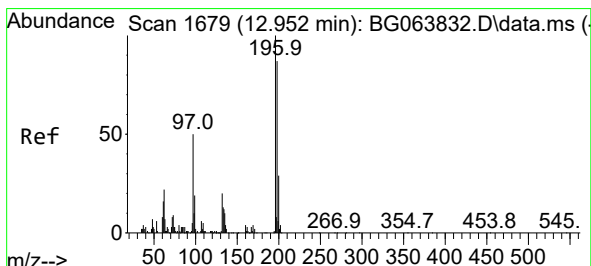
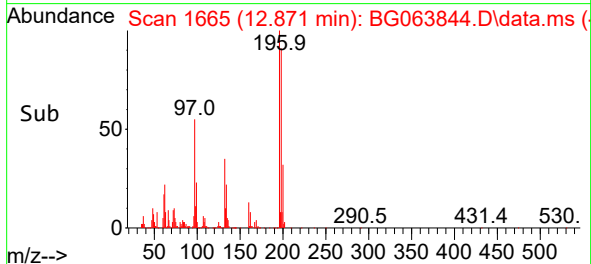
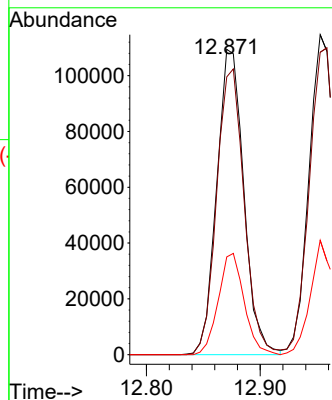
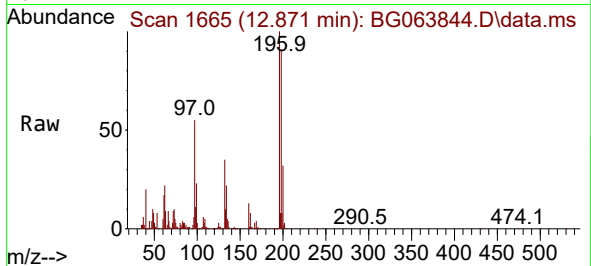




#41
2,4,6-Trichlorophenol
Concen: 32.165 ng/ul
RT: 12.871 min Scan# 1665
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

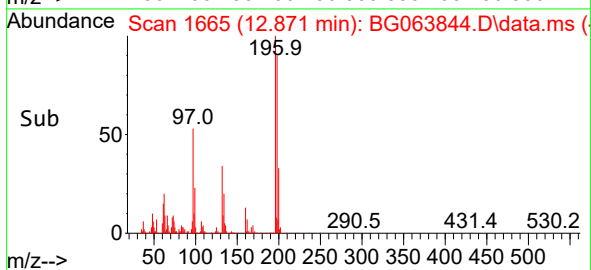
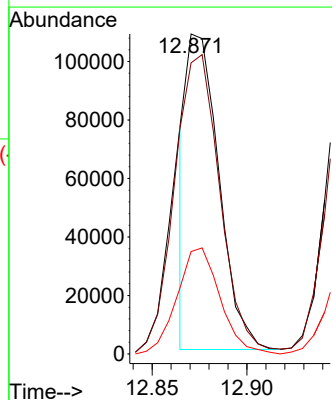
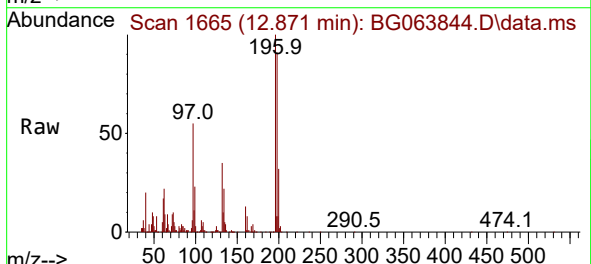
Instrument :
BNA_G
ClientSampleId :
YE5X6MSD

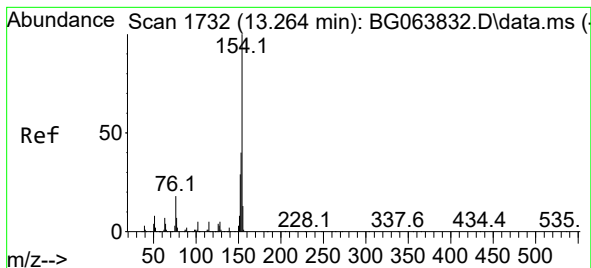
Tgt Ion:196 Resp: 181102
Ion Ratio Lower Upper
196 100
198 91.0 72.4 108.6
200 32.0 22.5 33.7



#42
2,4,5-Trichlorophenol
Concen: 21.608 ng/ul
RT: 12.871 min Scan# 1665
Delta R.T. -0.082 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Tgt Ion:196 Resp: 126967
Ion Ratio Lower Upper
196 100
198 91.0 74.2 111.4
200 32.0 23.5 35.3





#43

1,1'-Biphenyl

Concen: 30.921 ng/ul

RT: 13.270 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

Instrument :

BNA_G

ClientSampleId :

YE5X6MSD

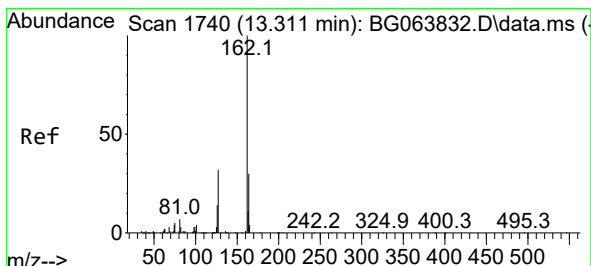
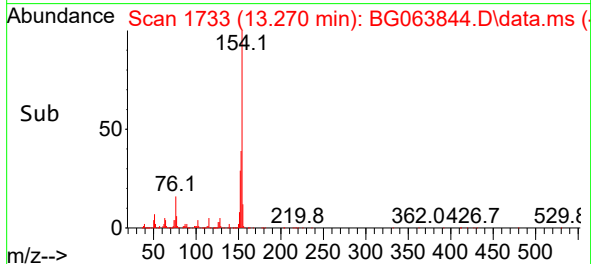
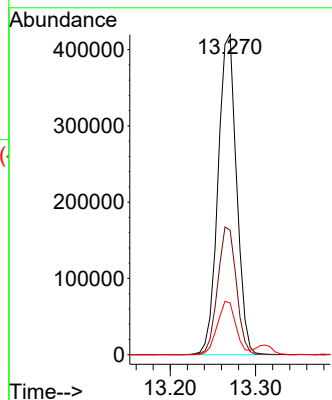
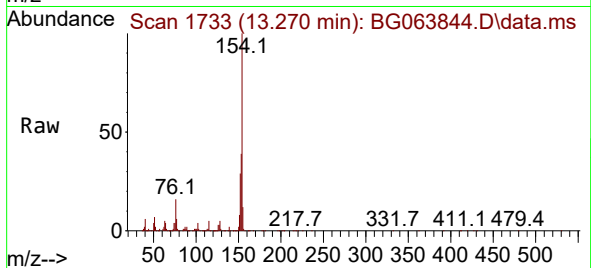
Tgt Ion:154 Resp: 634577

Ion Ratio Lower Upper

154 100

153 38.9 35.1 52.7

76 16.2 13.4 20.2



#44

2-Chloronaphthalene

Concen: 30.241 ng/ul

RT: 13.311 min Scan# 1740

Delta R.T. 0.000 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

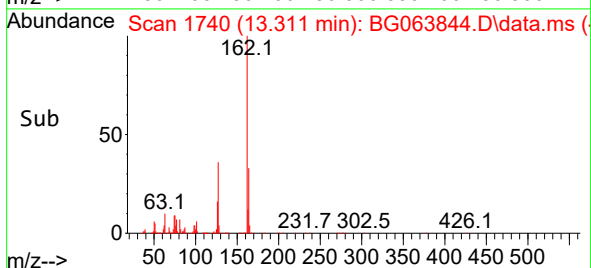
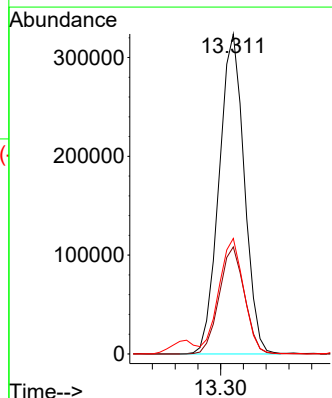
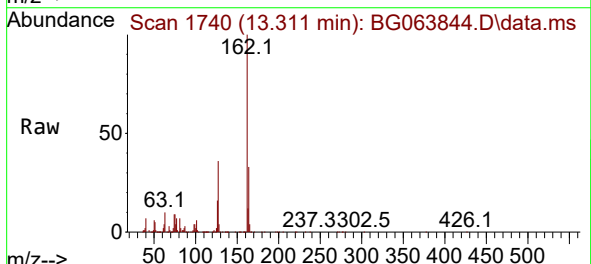
Tgt Ion:162 Resp: 498362

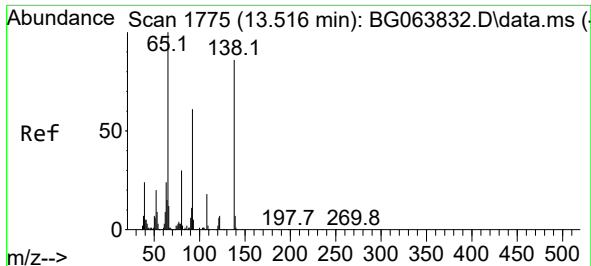
Ion Ratio Lower Upper

162 100

164 33.5 25.2 37.8

127 36.1 29.2 43.8

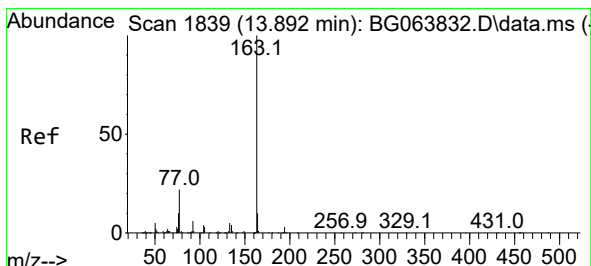
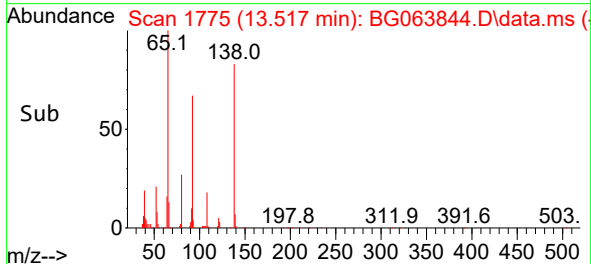
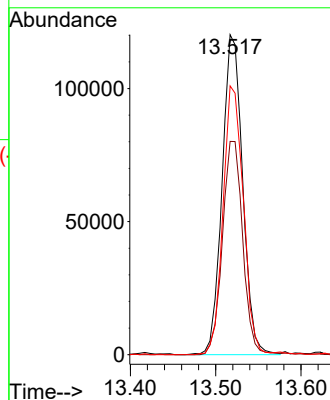
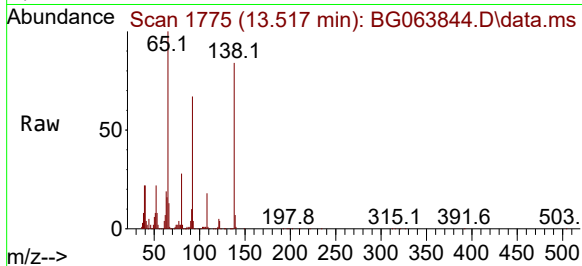




#45
2-Nitroaniline
Concen: 36.415 ng/ul
RT: 13.517 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

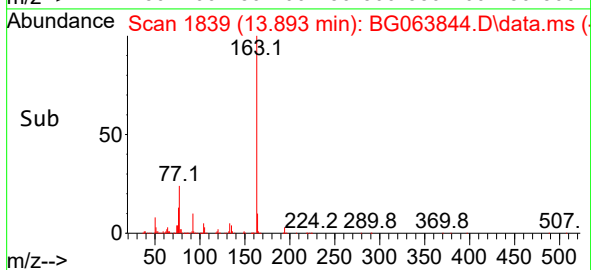
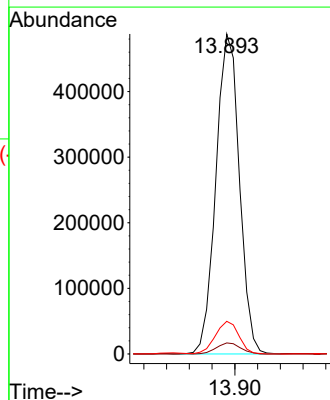
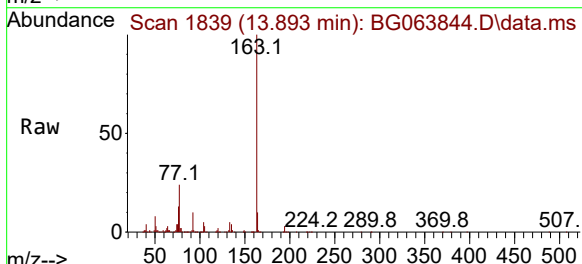
Instrument :
BNA_G
ClientSampleId :
YE5X6MSD

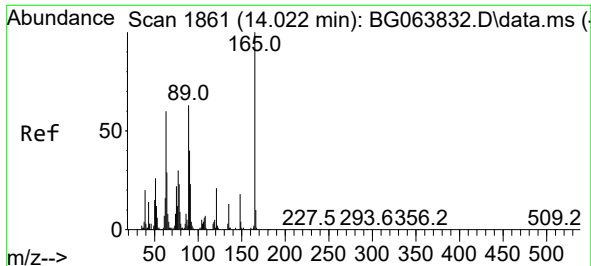
Tgt Ion: 65 Resp: 201012
Ion Ratio Lower Upper
65 100
92 66.6 49.5 74.3
138 84.0 61.8 92.8



#47
Dimethylphthalate
Concen: 32.973 ng/ul
RT: 13.893 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Tgt Ion:163 Resp: 699739
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.2 8.8 13.2

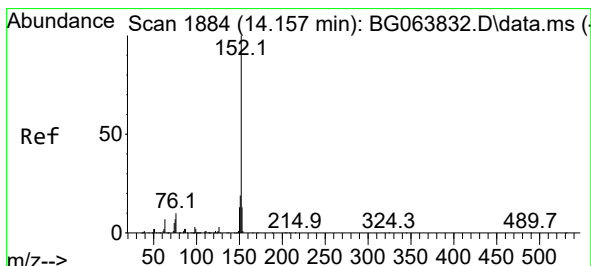
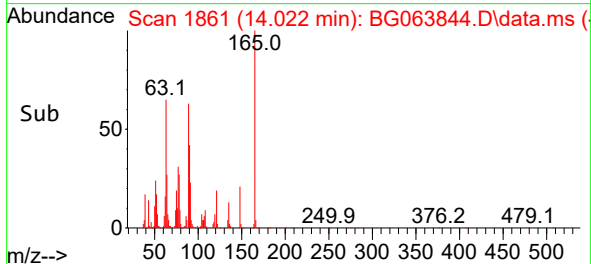
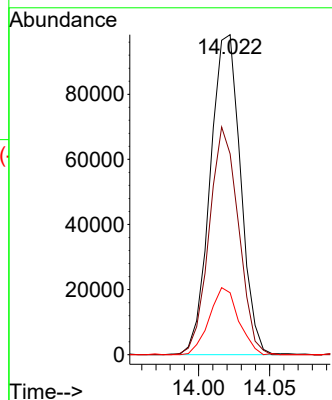
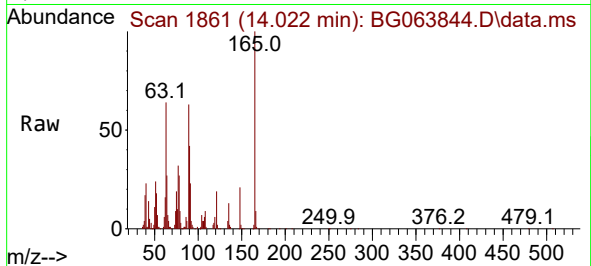




#48
2,6-Dinitrotoluene
Concen: 37.007 ng/ul
RT: 14.022 min Scan# 1861
Delta R.T. 0.006 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

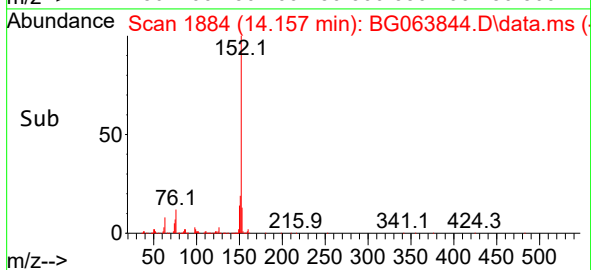
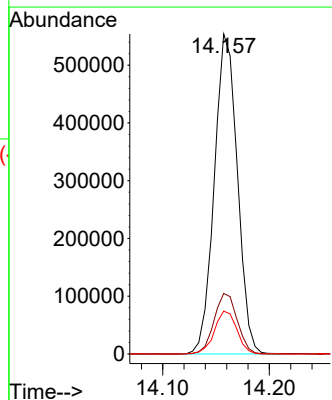
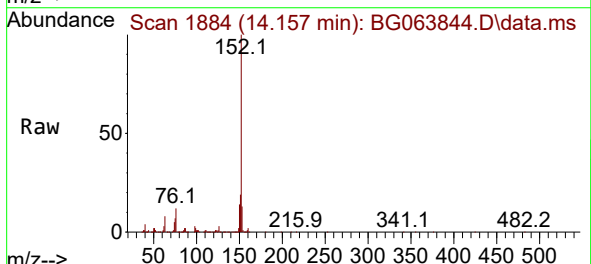
Instrument :
BNA_G
ClientSampleId :
YE5X6MSD

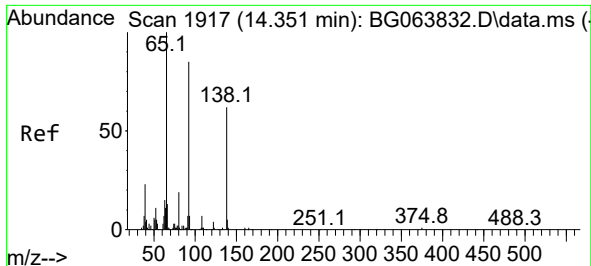
Tgt Ion:165 Resp: 145856
Ion Ratio Lower Upper
165 100
89 62.8 59.4 89.2
121 19.4 20.8 31.2#



#50
Acenaphthylene
Concen: 32.149 ng/ul
RT: 14.157 min Scan# 1884
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Tgt Ion:152 Resp: 832086
Ion Ratio Lower Upper
152 100
151 18.9 14.6 22.0
153 13.4 10.0 15.0

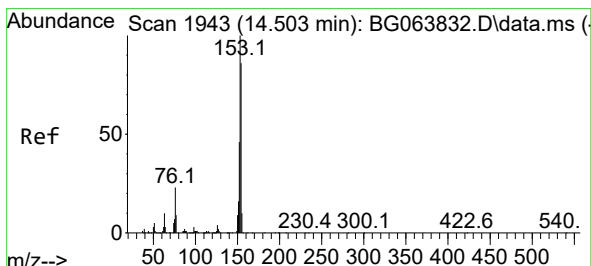
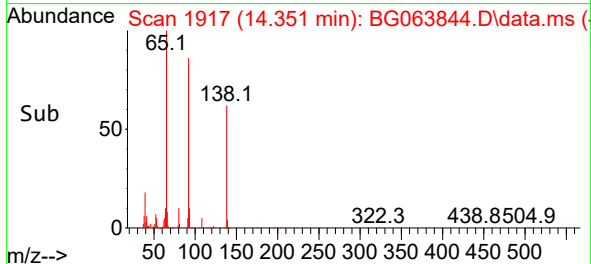
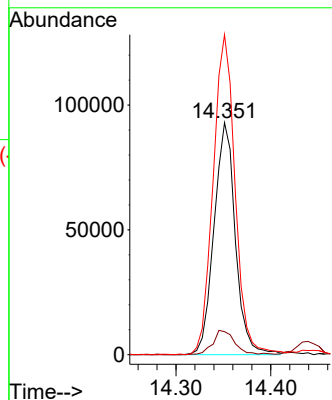
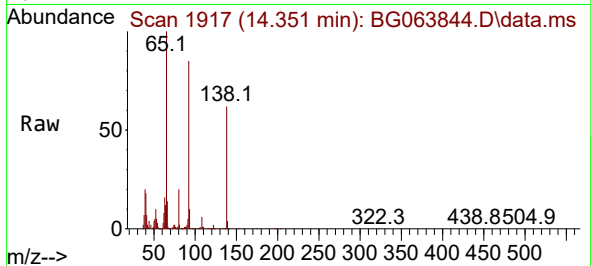




#51
3-Nitroaniline
Concen: 39.964 ng/ul
RT: 14.351 min Scan# 1917
Delta R.T. 0.006 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

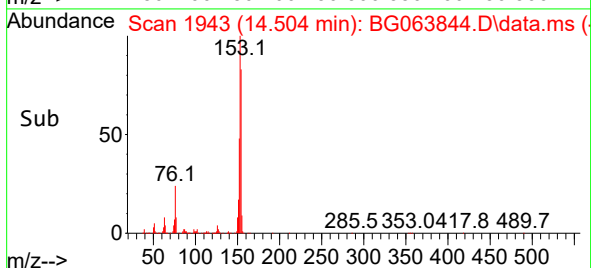
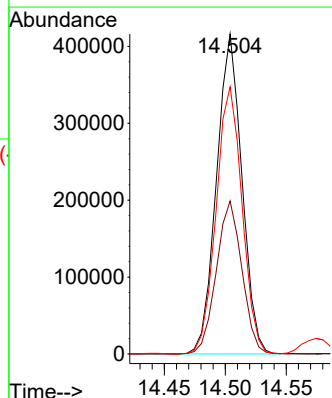
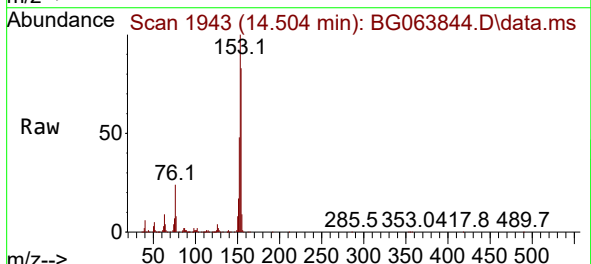
Instrument :
BNA_G
ClientSampleId :
YE5X6MSD

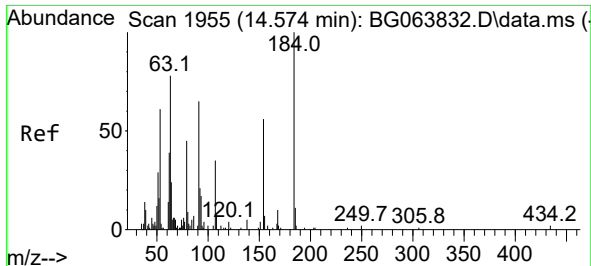
Tgt Ion:138 Resp: 145627
Ion Ratio Lower Upper
138 100
108 10.0 8.4 12.6
92 137.9 120.4 180.6



#52
Acenaphthene
Concen: 32.836 ng/ul
RT: 14.504 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Tgt Ion:153 Resp: 602365
Ion Ratio Lower Upper
153 100
152 47.8 40.2 60.4
154 83.5 70.8 106.2

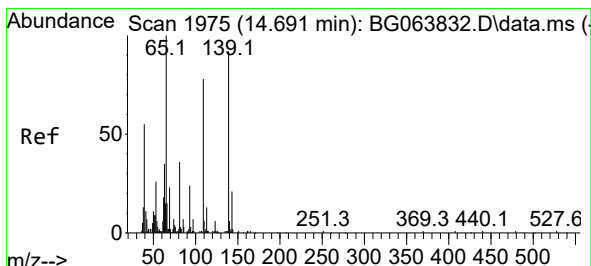
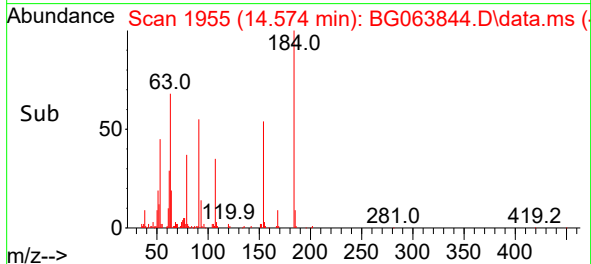
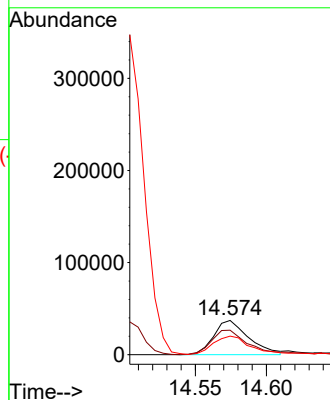
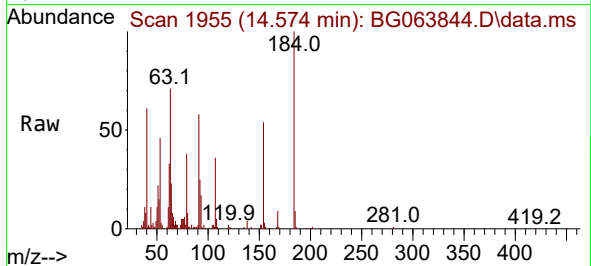




#53
2,4-Dinitrophenol
Concen: 31.521 ng/ul
RT: 14.574 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

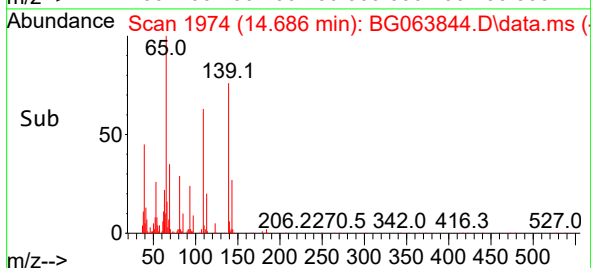
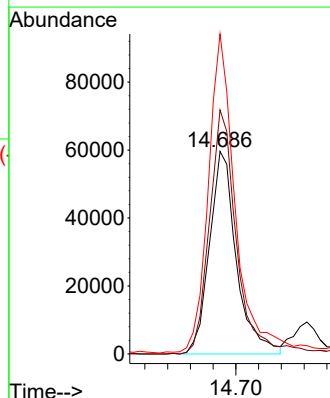
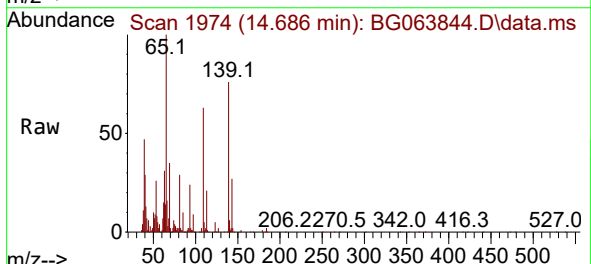
Instrument :
BNA_G
ClientSampleId :
YE5X6MSD

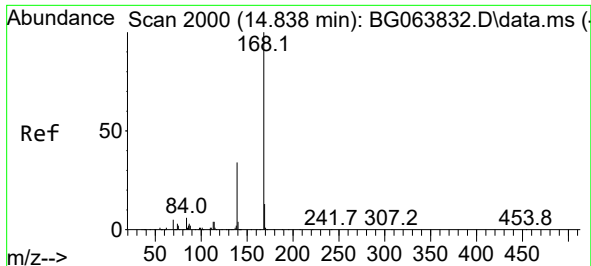
Tgt Ion:184 Resp: 63489
Ion Ratio Lower Upper
184 100
63 71.4 52.1 78.1
154 54.2 47.8 71.6



#55
4-Nitrophenol
Concen: 31.594 ng/ul
RT: 14.686 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Tgt Ion:109 Resp: 98427
Ion Ratio Lower Upper
109 100
139 120.5 86.4 129.6
65 158.0 127.0 190.4

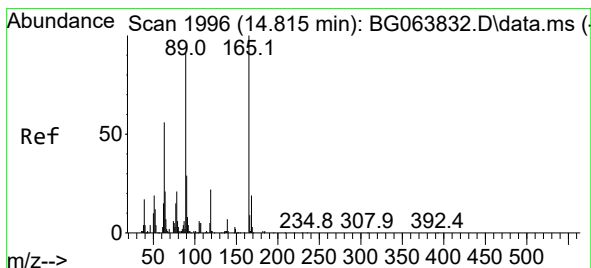
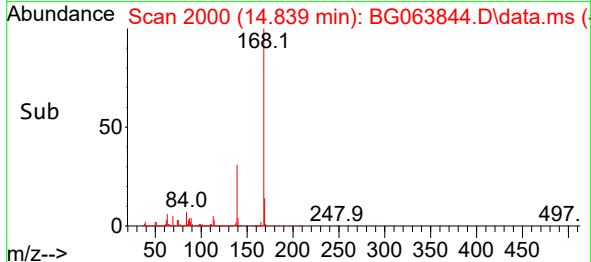
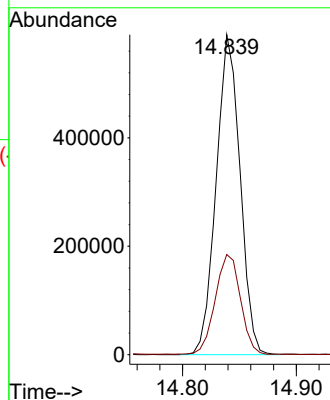
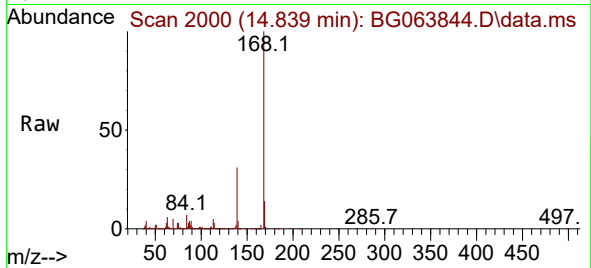




#56
Dibenzenofuran
Concen: 33.287 ng/ul
RT: 14.839 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

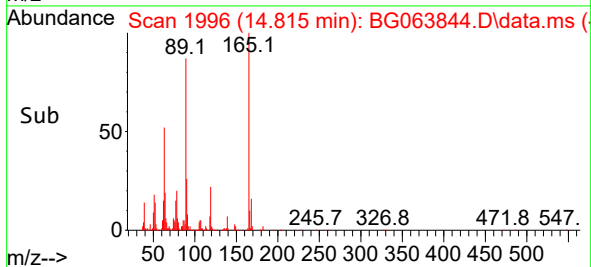
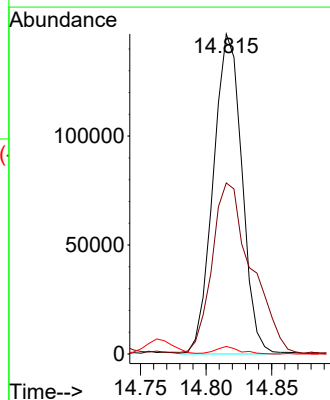
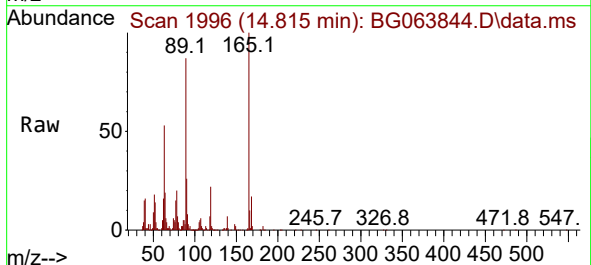
Instrument :
BNA_G
ClientSampleId :
YE5X6MSD

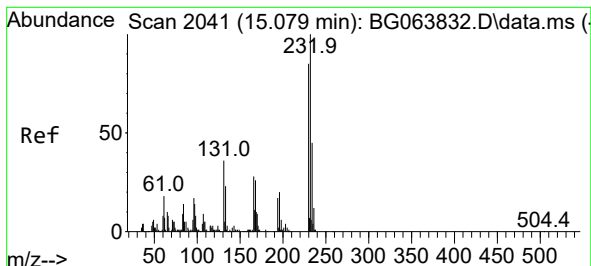
Tgt Ion:168 Resp: 860896
Ion Ratio Lower Upper
168 100
139 31.3 27.8 41.8



#57
2,4-Dinitrotoluene
Concen: 38.141 ng/ul
RT: 14.815 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Tgt Ion:165 Resp: 223368
Ion Ratio Lower Upper
165 100
63 53.4 45.0 67.4
182 2.5 1.8 2.8

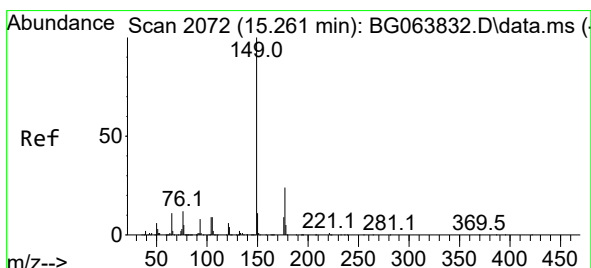
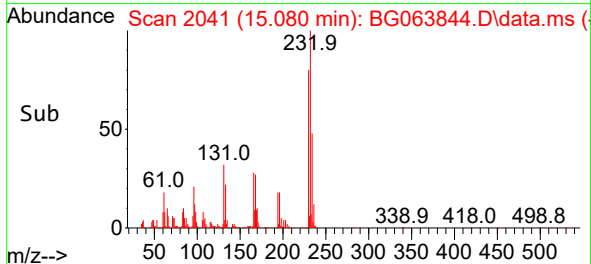
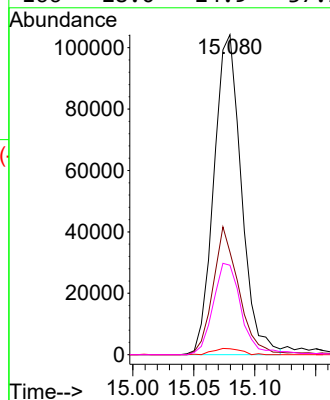
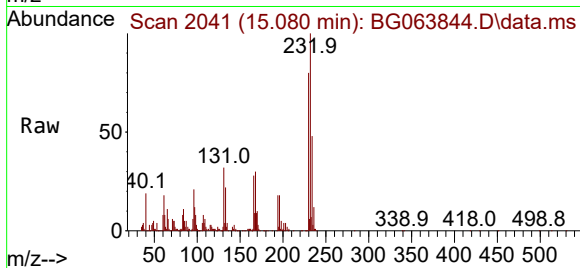




#58
2,3,4,6-Tetrachlorophenol
Concen: 32.237 ng/ul
RT: 15.080 min Scan# 2041
Delta R.T. 0.006 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

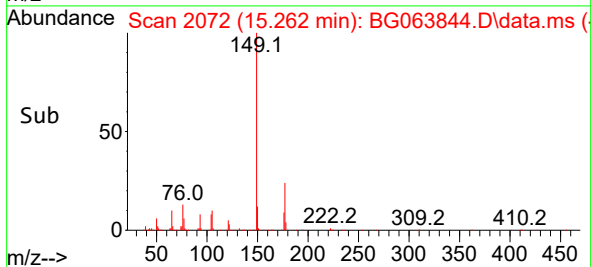
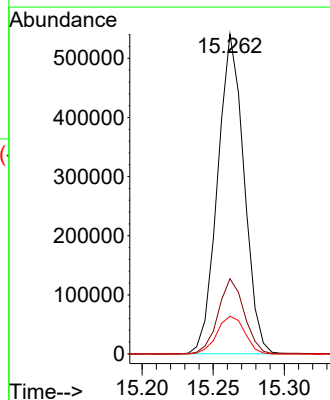
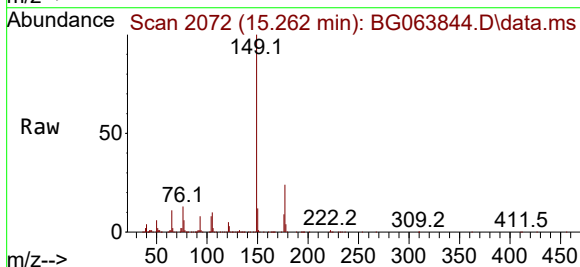
Instrument :
BNA_G
ClientSampleId :
YE5X6MSD

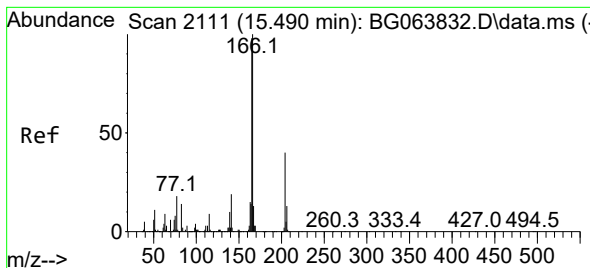
Tgt Ion:	232	Resp:	163283
Ion	Ratio	Lower	Upper
232	100		
131	32.0	30.3	45.5
130	1.9	1.8	2.6
166	28.0	24.9	37.3



#59
Diethylphthalate
Concen: 34.044 ng/ul
RT: 15.262 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Tgt Ion:	149	Resp:	698436
Ion	Ratio	Lower	Upper
149	100		
177	23.5	17.6	26.4
150	11.8	9.0	13.4





#61

Fluorene

Concen: 34.186 ng/ul

RT: 15.491 min Scan# 2111

Delta R.T. 0.000 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

Instrument :

BNA_G

ClientSampleId :

YE5X6MSD

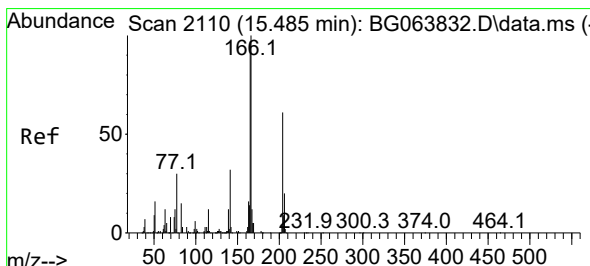
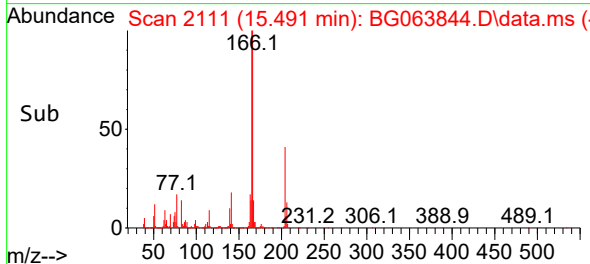
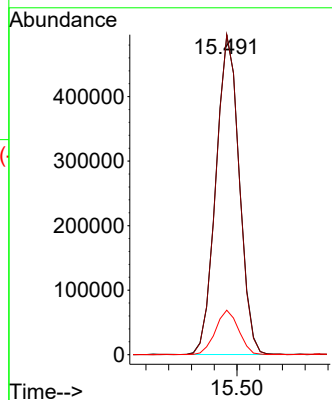
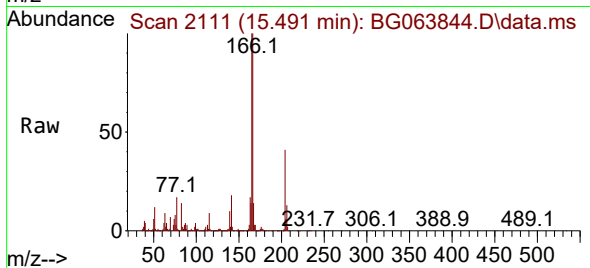
Tgt Ion:166 Resp: 705991

Ion Ratio Lower Upper

166 100

165 100.1 81.9 122.9

167 13.9 11.4 17.0



#62

4-Chlorophenyl-phenylether

Concen: 31.981 ng/ul

RT: 15.485 min Scan# 2110

Delta R.T. 0.000 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

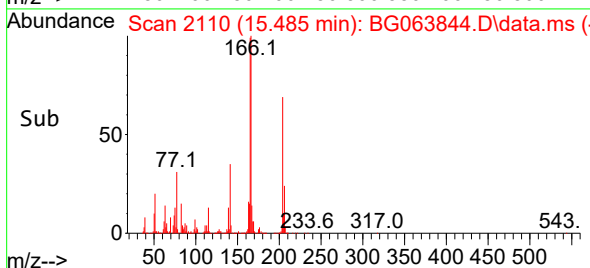
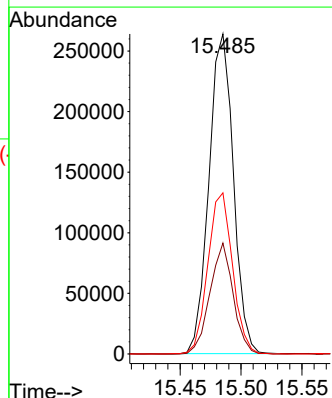
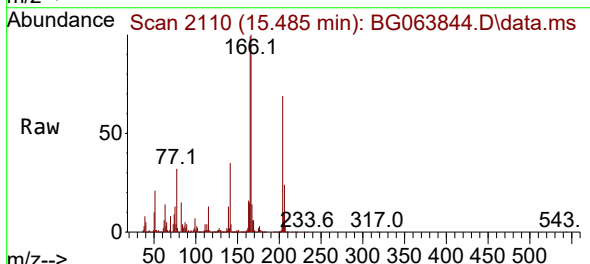
Tgt Ion:204 Resp: 367956

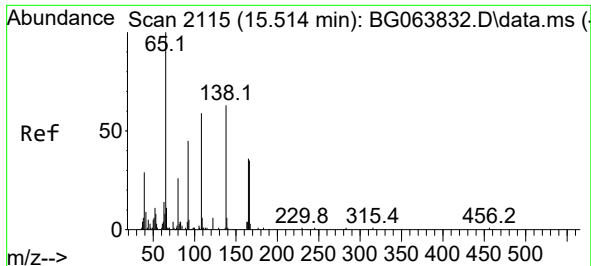
Ion Ratio Lower Upper

204 100

206 34.7 25.6 38.4

141 50.4 42.3 63.5

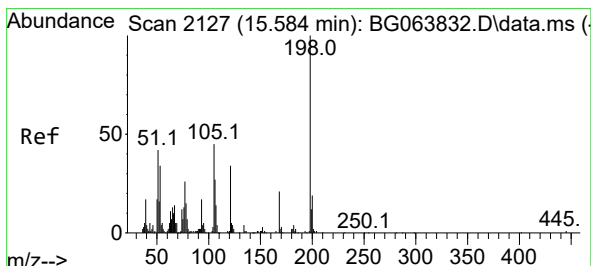
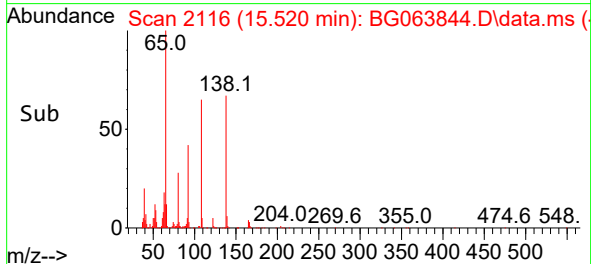
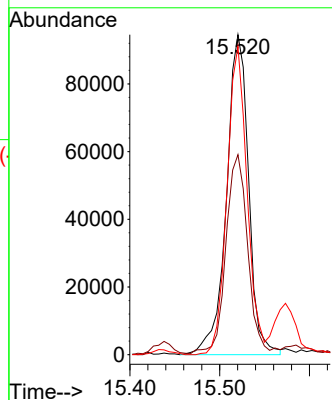
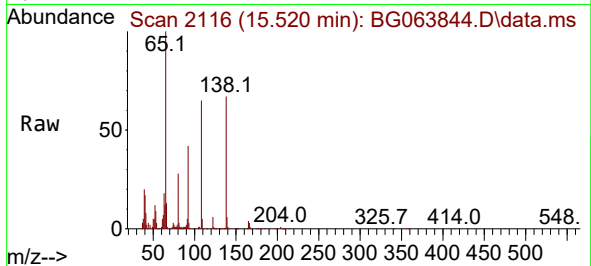




#63
4-Nitroaniline
Concen: 44.400 ng/ul
RT: 15.520 min Scan# 2116
Delta R.T. 0.006 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

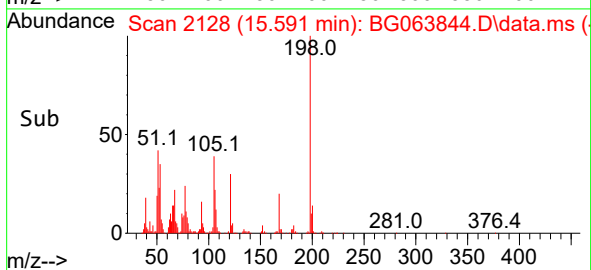
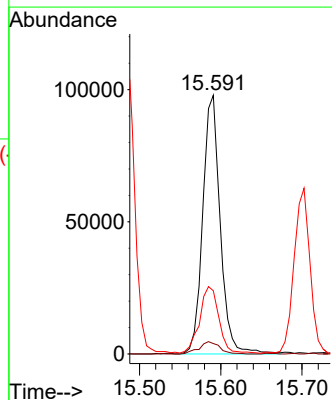
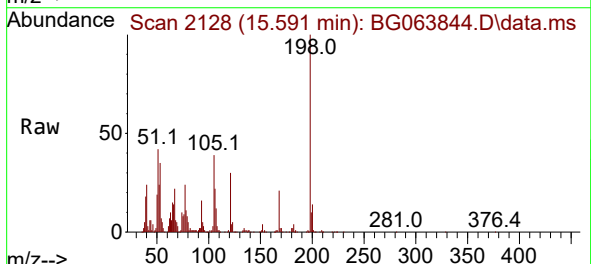
Instrument :
BNA_G
ClientSampleId :
YE5X6MSD

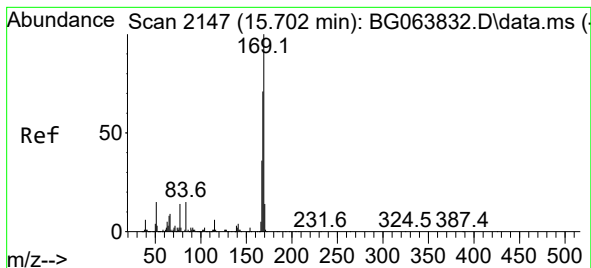
Tgt Ion:138 Resp: 161974
Ion Ratio Lower Upper
138 100
92 62.5 53.2 79.8
108 96.3 79.4 119.0



#66
4,6-Dinitro-2-methylphenol
Concen: 36.513 ng/ul
RT: 15.591 min Scan# 2128
Delta R.T. 0.006 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Tgt Ion:198 Resp: 146420
Ion Ratio Lower Upper
198 100
182 4.1 3.4 5.2
77 24.4 25.2 37.8#





#67

N-Nitrosodiphenylamine

Concen: 34.510 ng/ul

RT: 15.702 min Scan# 2147

Delta R.T. 0.006 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

Instrument :

BNA_G

ClientSampleId :

YE5X6MSD

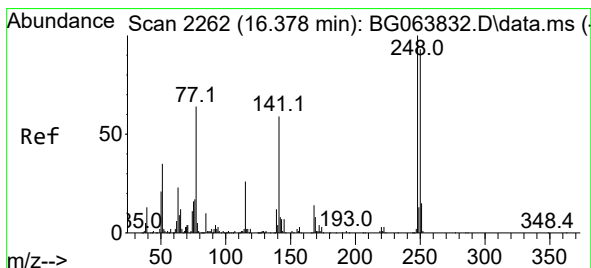
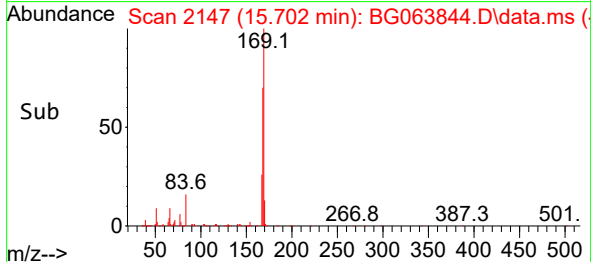
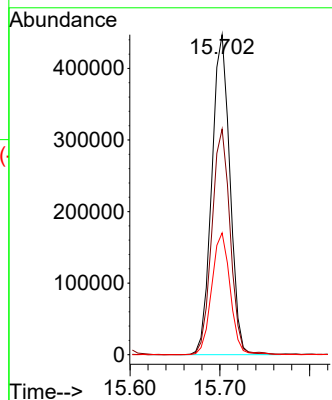
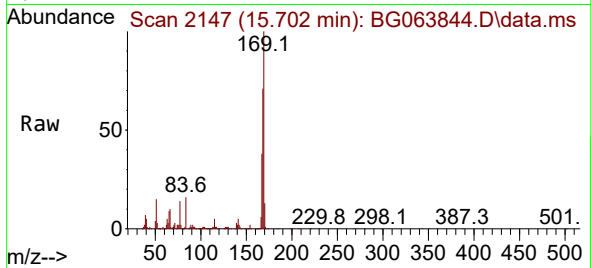
Tgt Ion:169 Resp: 626499

Ion Ratio Lower Upper

169 100

168 70.5 54.0 81.0

167 38.0 29.8 44.8



#68

4-Bromophenyl-phenylether

Concen: 32.681 ng/ul

RT: 16.378 min Scan# 2262

Delta R.T. 0.000 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

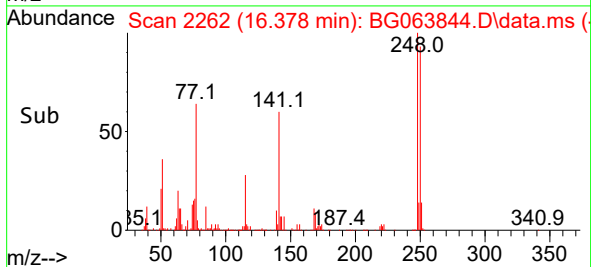
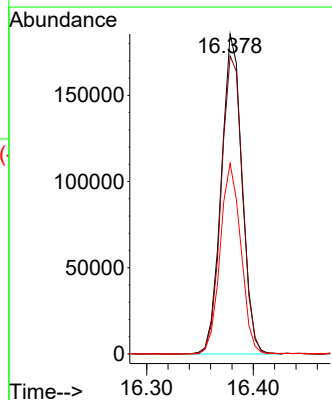
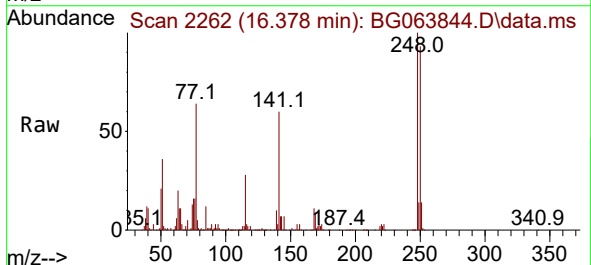
Tgt Ion:248 Resp: 249701

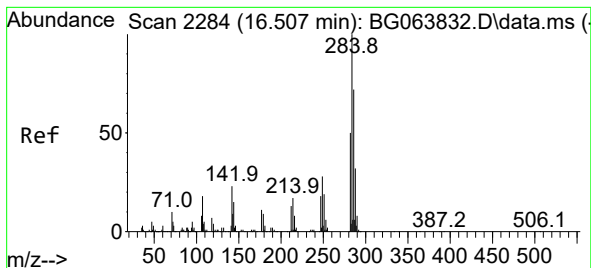
Ion Ratio Lower Upper

248 100

250 93.2 76.1 114.1

141 59.6 46.0 69.0





#69

Hexachlorobenzene

Concen: 32.148 ng/ul

RT: 16.502 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

Instrument :

BNA_G

ClientSampleId :

YE5X6MSD

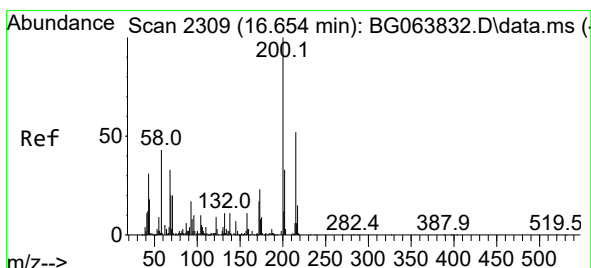
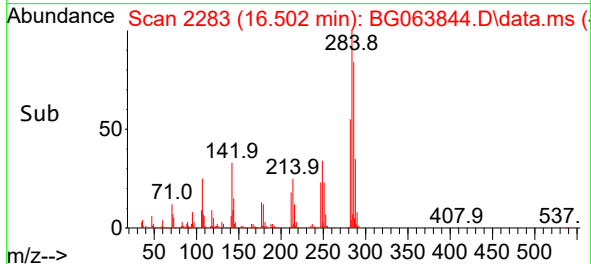
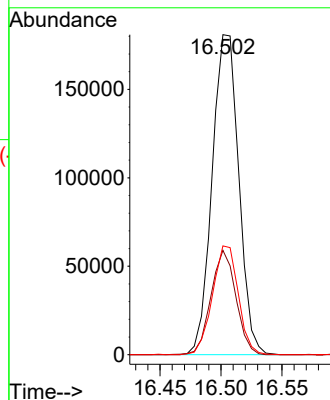
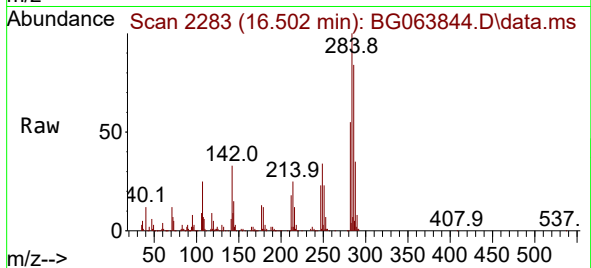
Tgt Ion:284 Resp: 275198

Ion Ratio Lower Upper

284 100

142 32.6 23.9 35.9

249 34.0 24.6 36.8



#70

Atrazine

Concen: 33.941 ng/ul

RT: 16.654 min Scan# 2309

Delta R.T. 0.000 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

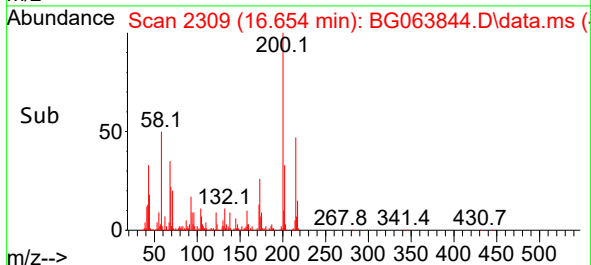
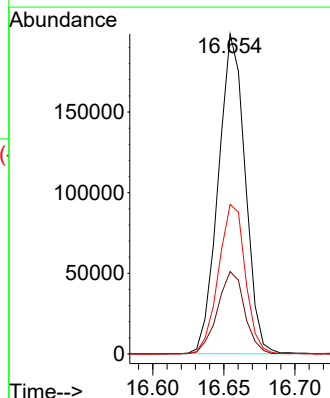
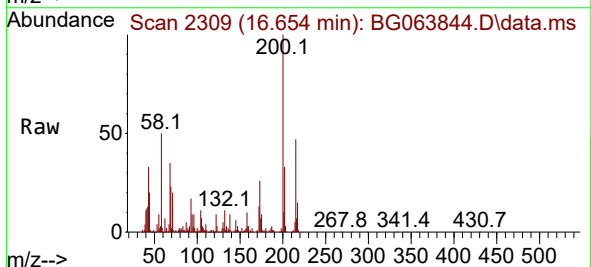
Tgt Ion:200 Resp: 260470

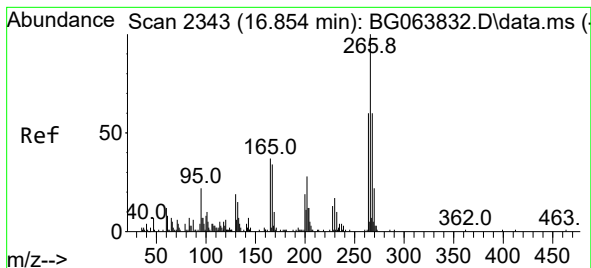
Ion Ratio Lower Upper

200 100

173 25.7 21.3 31.9

215 46.7 37.8 56.8





#71

Pentachlorophenol

Concen: 27.597 ng/ul

RT: 16.854 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

Instrument :

BNA_G

ClientSampleId :

YE5X6MSD

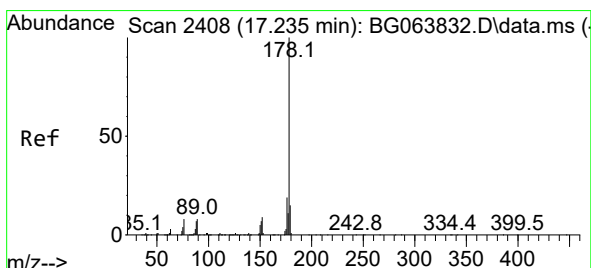
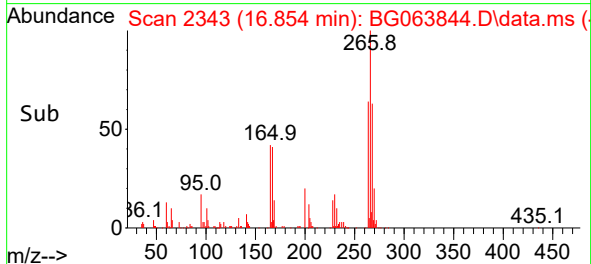
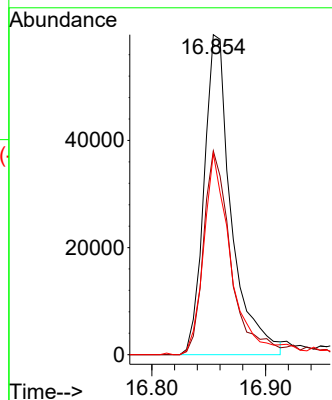
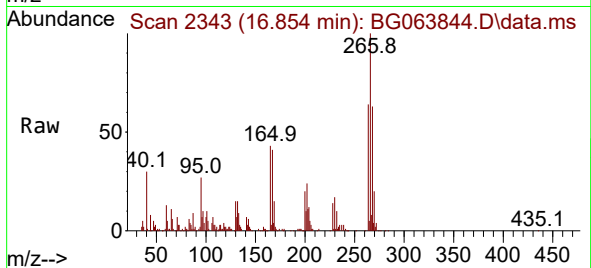
Tgt Ion:266 Resp: 99605

Ion Ratio Lower Upper

266 100

264 63.7 49.3 73.9

268 62.9 50.5 75.7



#72

Phenanthrene

Concen: 35.304 ng/ul

RT: 17.236 min Scan# 2408

Delta R.T. 0.006 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

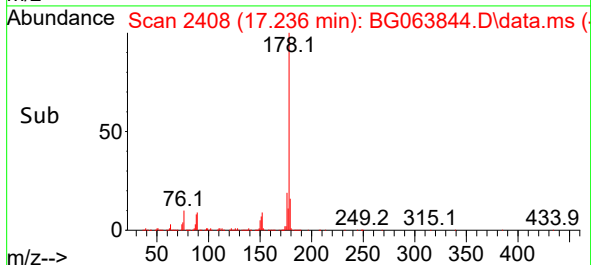
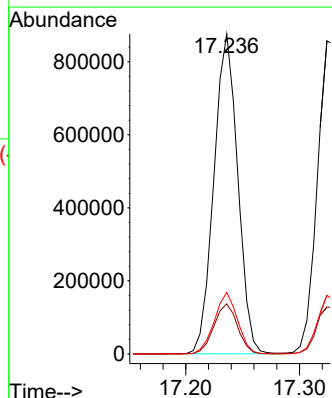
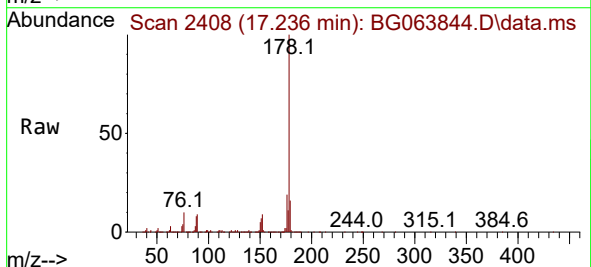
Tgt Ion:178 Resp: 1275450

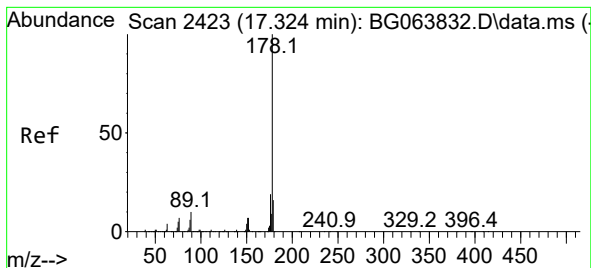
Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.2

176 19.3 15.8 23.6





#74

Anthracene

Concen: 35.505 ng/ul

RT: 17.324 min Scan# 2423

Delta R.T. 0.000 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

Instrument :

BNA_G

ClientSampleId :

YE5X6MSD

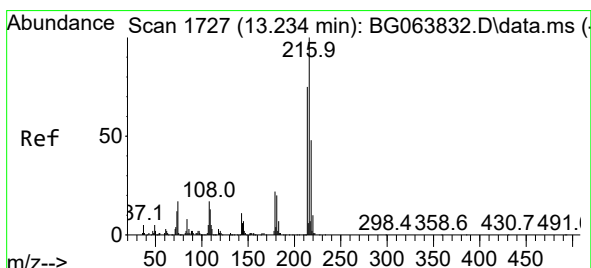
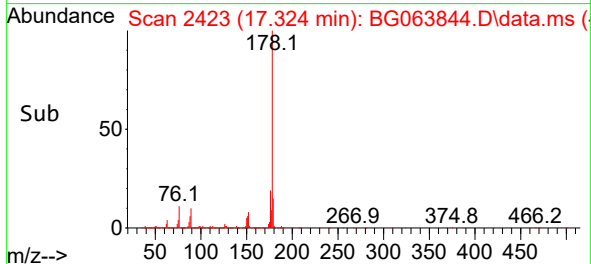
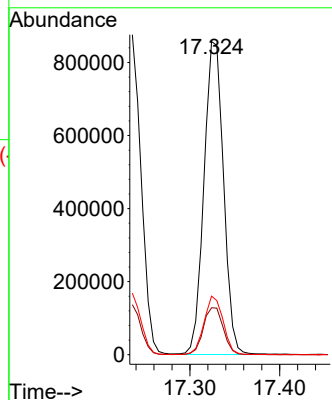
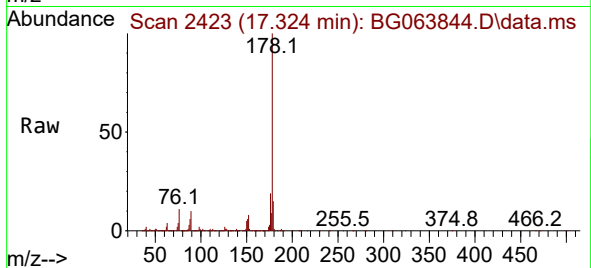
Tgt Ion:178 Resp: 1298273

Ion Ratio Lower Upper

178 100

179 14.9 12.4 18.6

176 18.7 14.4 21.6



#75

1,2,3,4-Tetrachlorobenzene

Concen: 28.426 ng/ul

RT: 13.235 min Scan# 1727

Delta R.T. 0.000 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

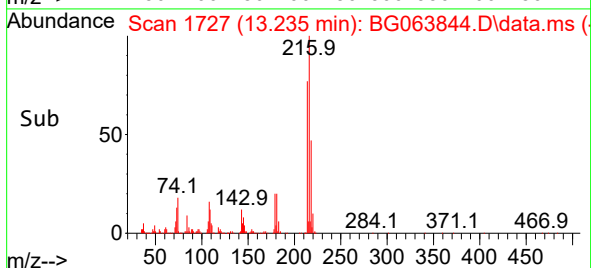
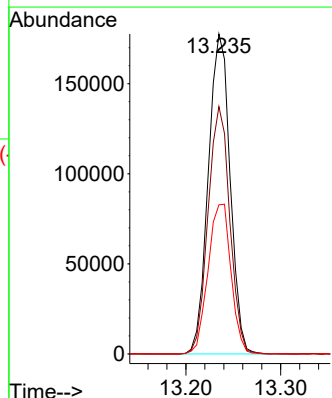
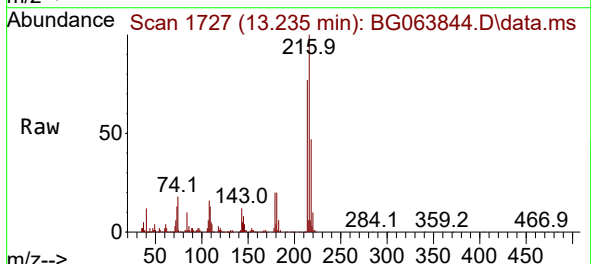
Tgt Ion:216 Resp: 284338

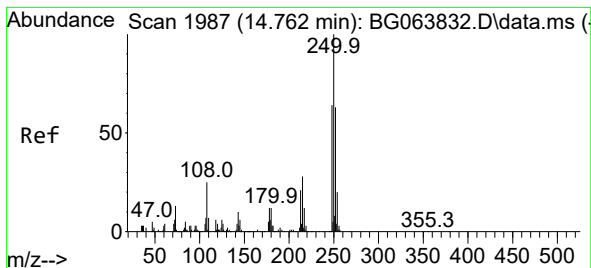
Ion Ratio Lower Upper

216 100

214 77.3 60.2 90.4

218 46.6 37.6 56.4





#76

Pentachlorobenzene

Concen: 31.144 ng/ul

RT: 14.762 min Scan# 1987

Delta R.T. 0.000 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

Instrument :

BNA_G

ClientSampleId :

YE5X6MSD

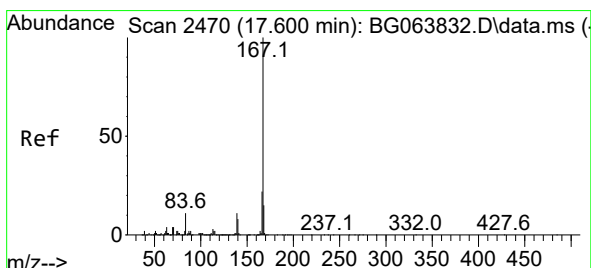
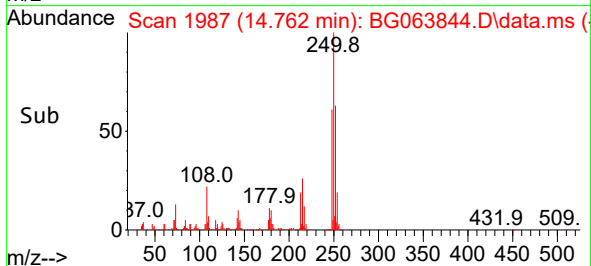
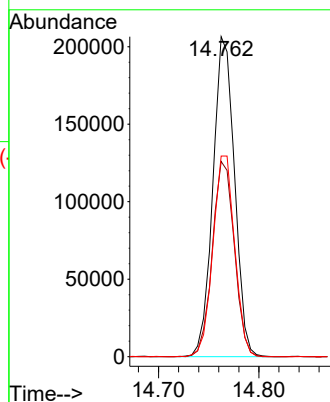
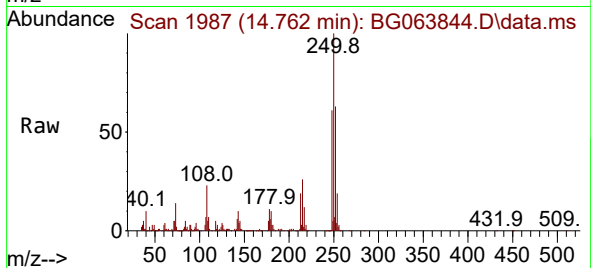
Tgt Ion:250 Resp: 308614

Ion Ratio Lower Upper

250 100

248 61.0 49.8 74.8

252 62.7 50.4 75.6



#77

Carbazole

Concen: 38.080 ng/ul

RT: 17.600 min Scan# 2470

Delta R.T. 0.006 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

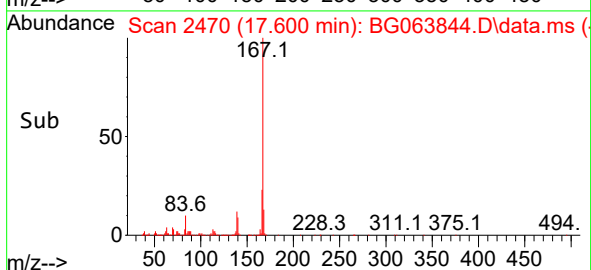
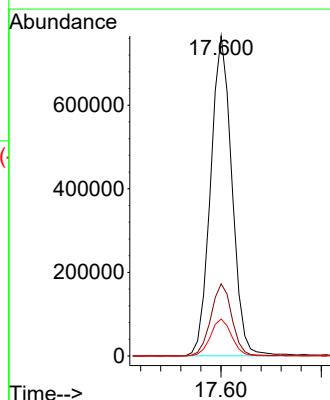
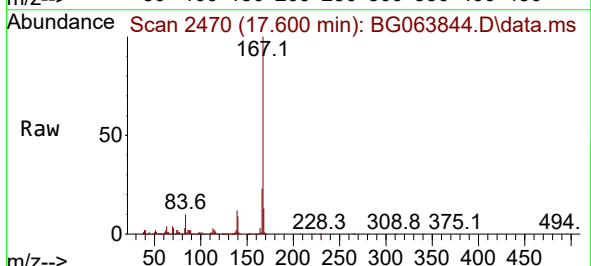
Tgt Ion:167 Resp: 1127141

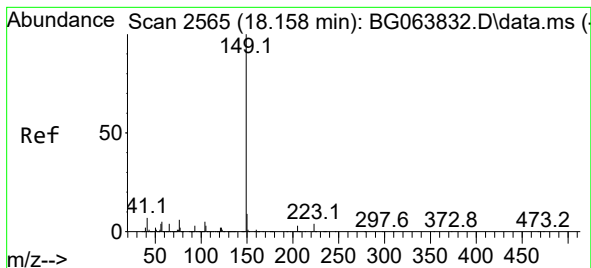
Ion Ratio Lower Upper

167 100

166 22.5 18.2 27.4

139 11.6 10.1 15.1





#78

Di-n-butylphthalate

Concen: 35.789 ng/ul

RT: 18.158 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

Instrument :

BNA_G

ClientSampleId :

YE5X6MSD

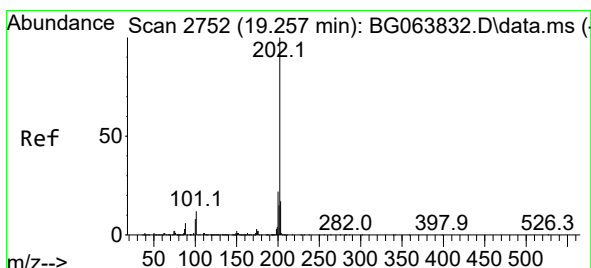
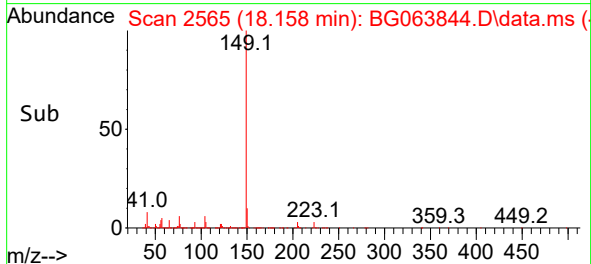
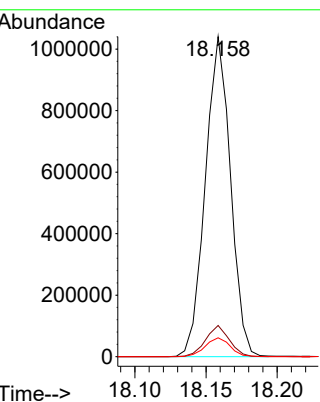
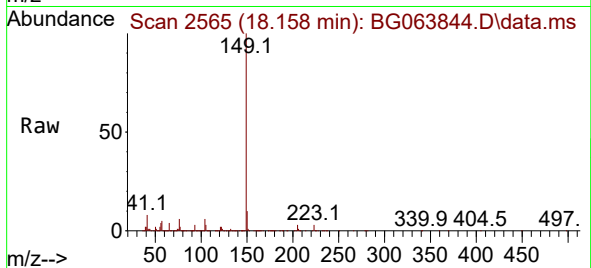
Tgt Ion:149 Resp: 1279348

Ion Ratio Lower Upper

149 100

150 9.7 7.2 10.8

104 5.9 5.4 8.0



#80

Fluoranthene

Concen: 33.375 ng/ul

RT: 19.257 min Scan# 2752

Delta R.T. 0.006 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

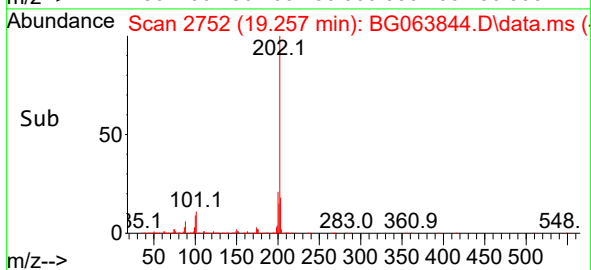
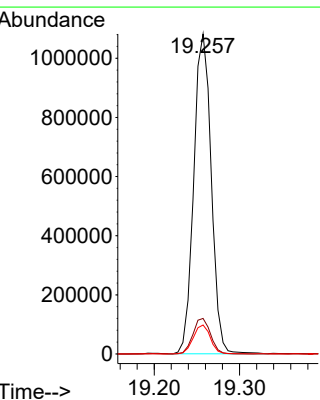
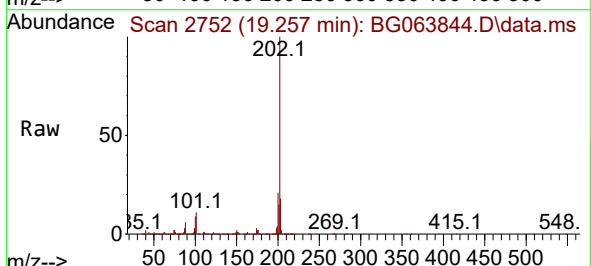
Tgt Ion:202 Resp: 1544608

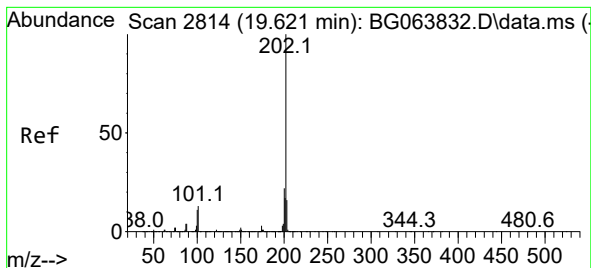
Ion Ratio Lower Upper

202 100

101 11.1 8.1 12.1

100 9.0 6.5 9.7





#82

Pyrene

Concen: 32.881 ng/ul

RT: 19.621 min Scan# 2814

Delta R.T. 0.006 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

Instrument :

BNA_G

ClientSampleId :

YE5X6MSD

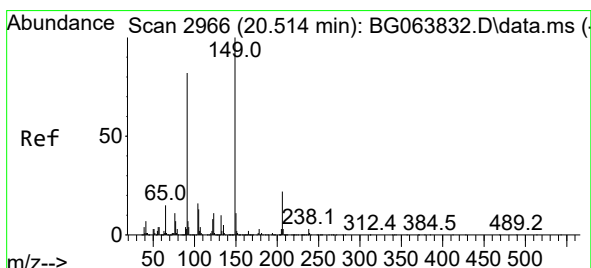
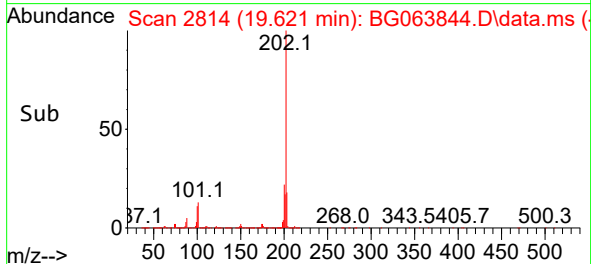
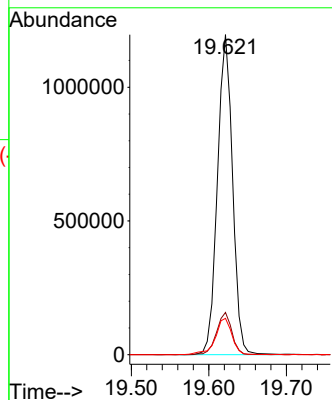
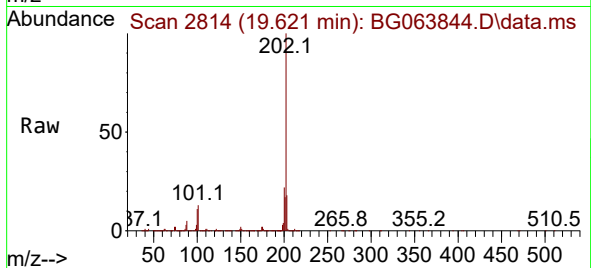
Tgt Ion:202 Resp: 1619028

Ion Ratio Lower Upper

202 100

101 13.2 8.7 13.1#

100 11.4 7.8 11.6



#83

Butylbenzylphthalate

Concen: 37.188 ng/ul

RT: 20.514 min Scan# 2966

Delta R.T. 0.006 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

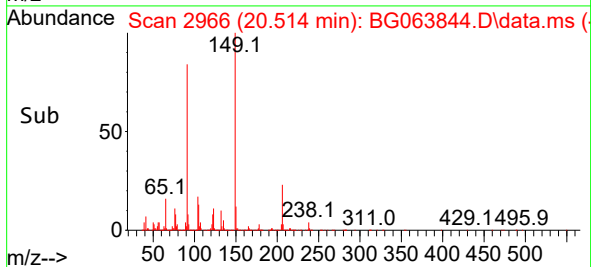
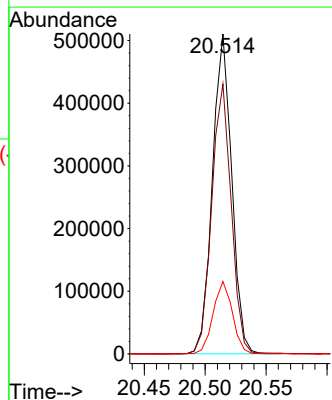
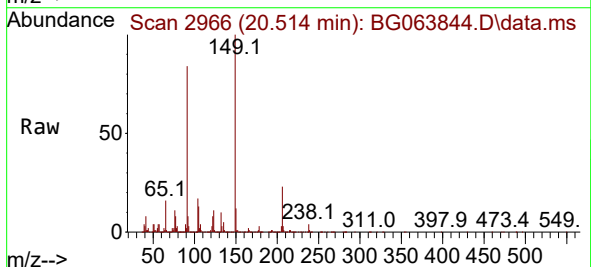
Tgt Ion:149 Resp: 562101

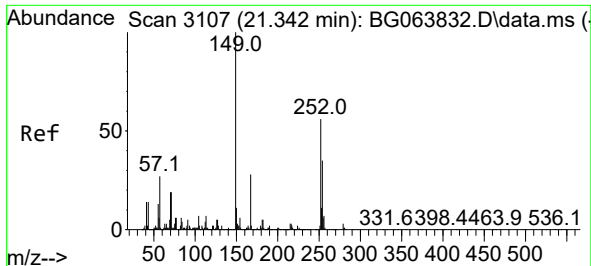
Ion Ratio Lower Upper

149 100

91 84.4 68.7 103.1

206 22.7 17.3 25.9

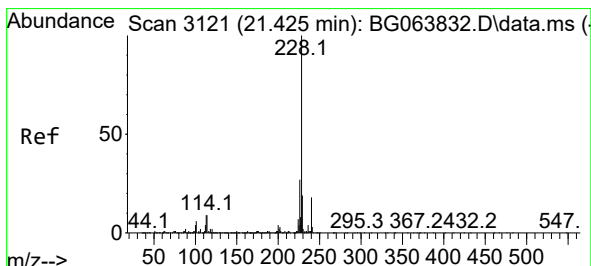
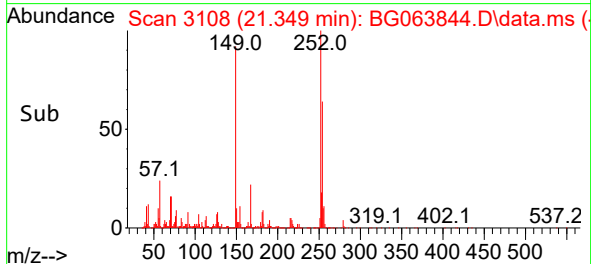
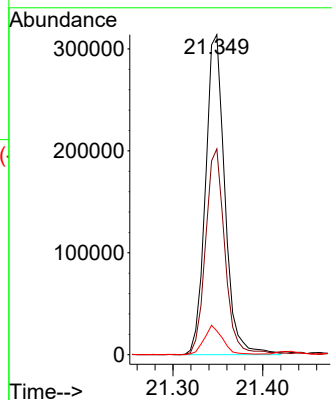
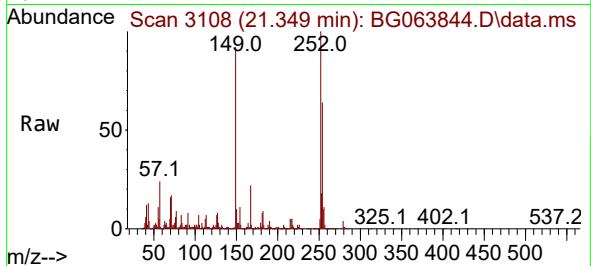




#84
3,3'-Dichlorobenzidine
Concen: 33.281 ng/ul
RT: 21.349 min Scan# 3108
Delta R.T. 0.006 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

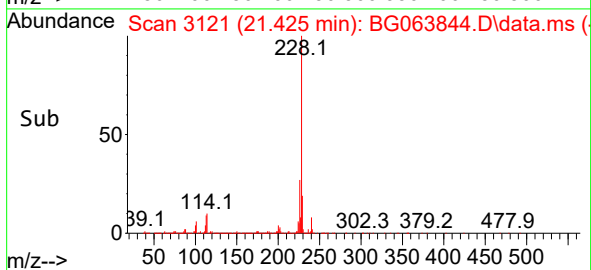
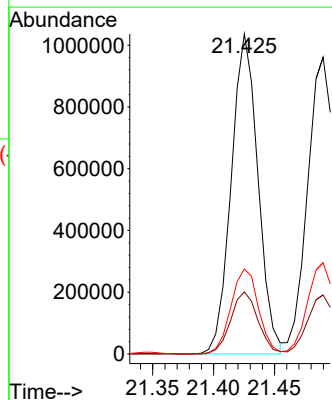
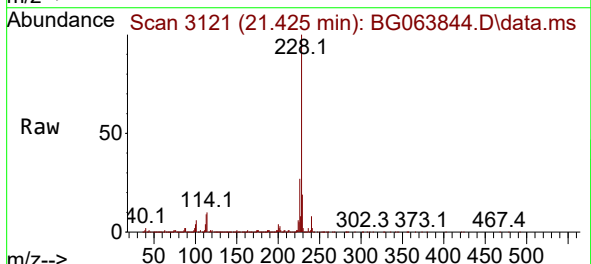
Instrument :
BNA_G
ClientSampleId :
YE5X6MSD

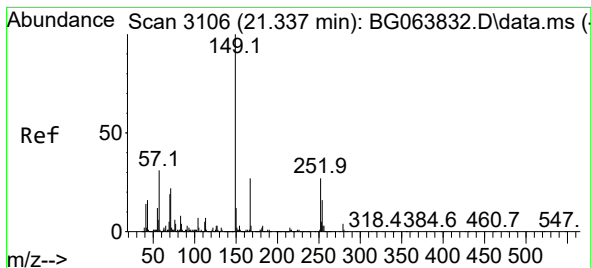
Tgt Ion:252 Resp: 470111
Ion Ratio Lower Upper
252 100
254 64.3 55.8 83.6
126 7.4 6.4 9.6



#85
Benzo(a)anthracene
Concen: 32.219 ng/ul
RT: 21.425 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Tgt Ion:228 Resp: 1579967
Ion Ratio Lower Upper
228 100
229 19.4 15.7 23.5
226 26.6 22.0 33.0

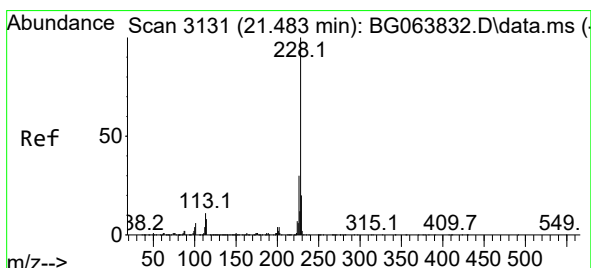
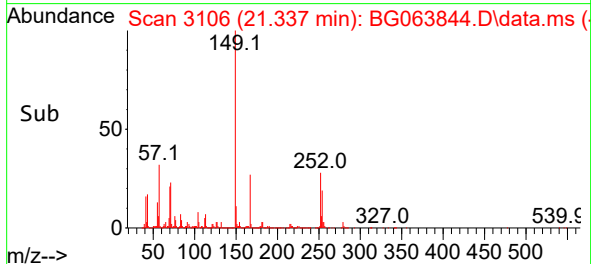
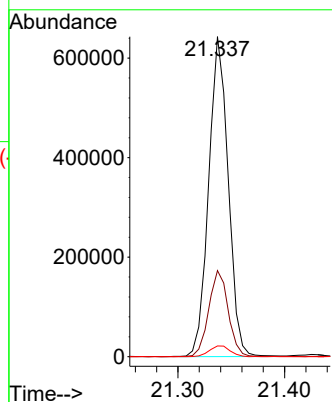
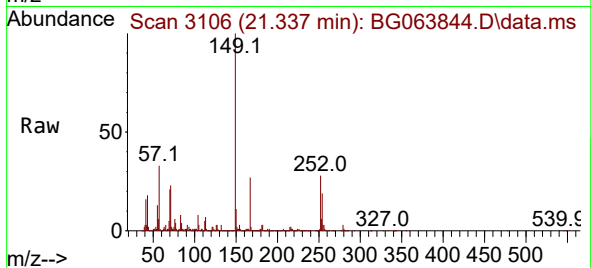




#86
Bis(2-ethylhexyl)phthalate
Concen: 37.173 ng/ul
RT: 21.337 min Scan# 3106
Delta R.T. 0.006 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

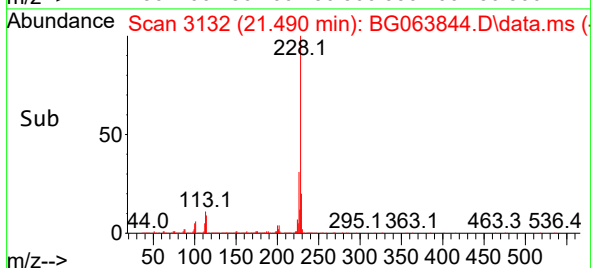
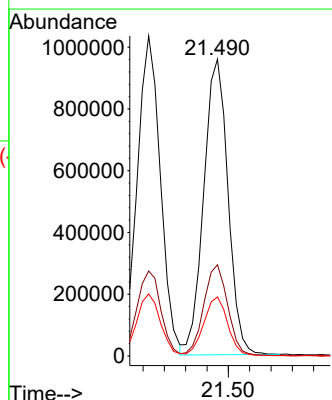
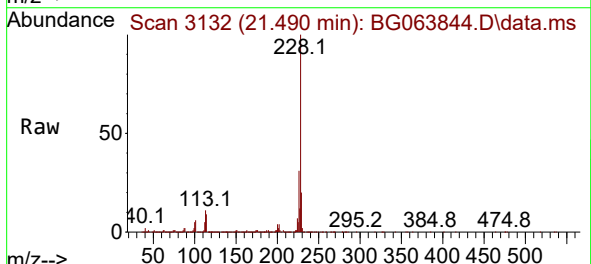
Instrument :
BNA_G
ClientSampleId :
YE5X6MSD

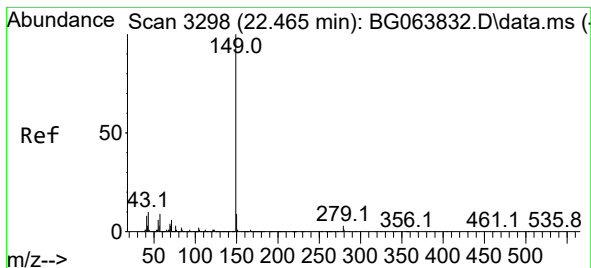
Tgt Ion:149 Resp: 817343
Ion Ratio Lower Upper
149 100
167 26.9 22.1 33.1
279 3.3 2.9 4.3



#87
Chrysene
Concen: 32.368 ng/ul
RT: 21.490 min Scan# 3132
Delta R.T. 0.006 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Tgt Ion:228 Resp: 1512840
Ion Ratio Lower Upper
228 100
226 30.7 23.4 35.0
229 19.9 14.8 22.2





#89

Di-n-octyl phthalate

Concen: 40.396 ng/ul

RT: 22.471 min Scan# 31

Delta R.T. 0.006 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

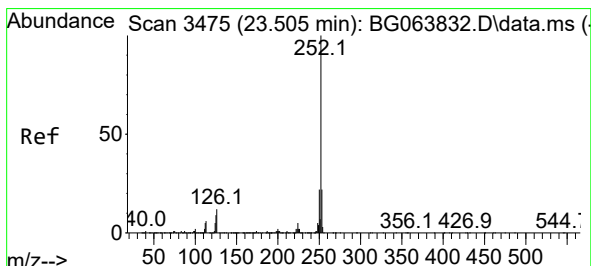
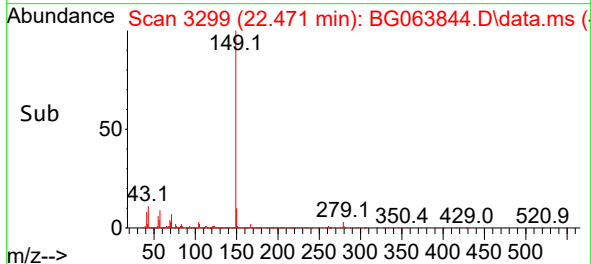
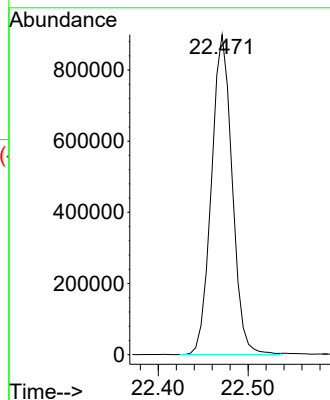
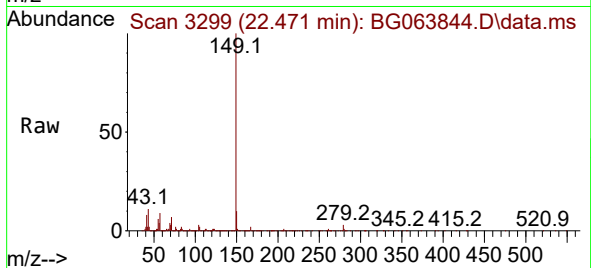
Instrument :

BNA_G

ClientSampleId :

YE5X6MSD

Tgt Ion:149 Resp: 1439940



#90

Benzo(b)fluoranthene

Concen: 34.093 ng/ul

RT: 23.511 min Scan# 3476

Delta R.T. 0.012 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

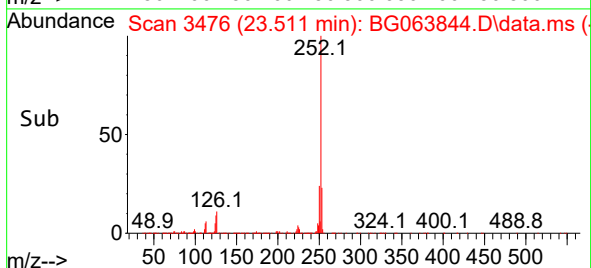
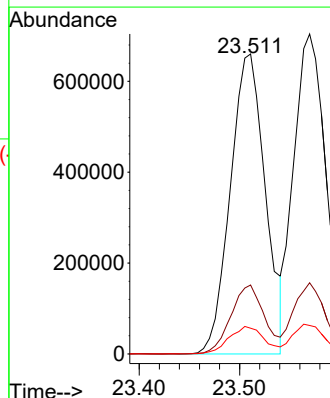
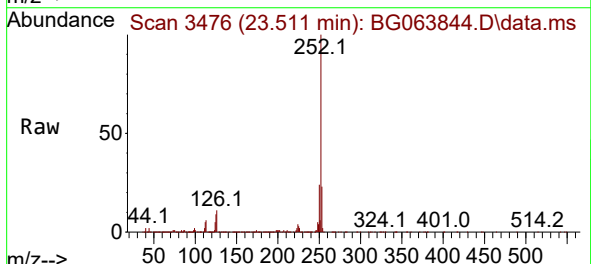
Tgt Ion:252 Resp: 1600253

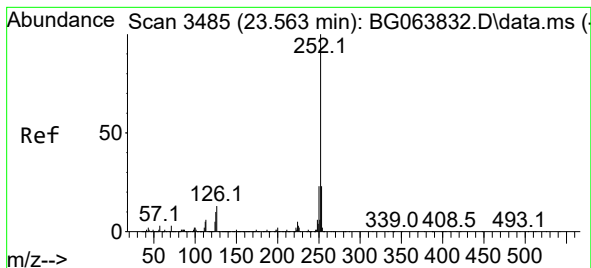
Ion Ratio Lower Upper

252 100

253 23.0 17.7 26.5

125 8.6 7.0 10.4





#91

Benzo(k)fluoranthene

Concen: 33.458 ng/ul

RT: 23.570 min Scan# 34

Delta R.T. 0.012 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

Instrument :

BNA_G

ClientSampleId :

YE5X6MSD

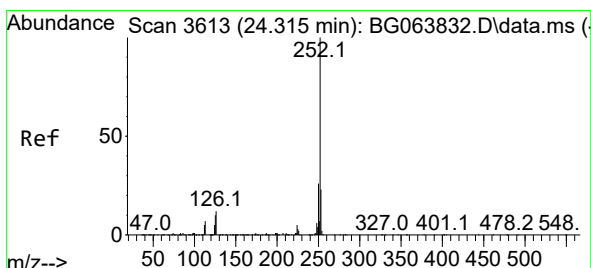
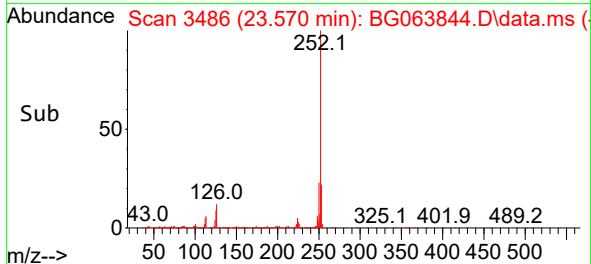
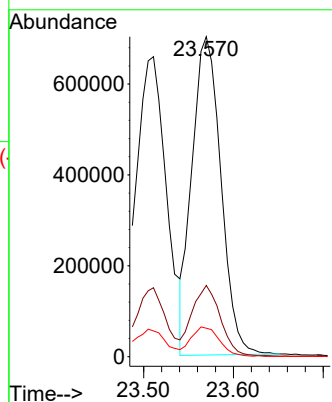
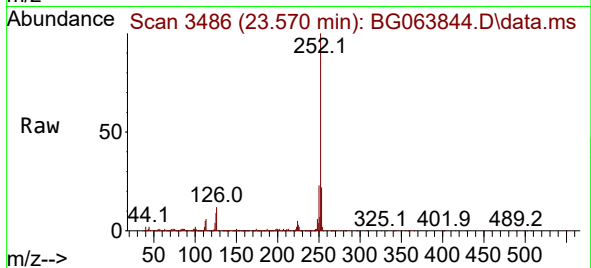
Tgt Ion:252 Resp: 1566512

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 8.9 6.5 9.7



#93

Benzo(a)pyrene

Concen: 33.557 ng/ul

RT: 24.322 min Scan# 3614

Delta R.T. 0.018 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

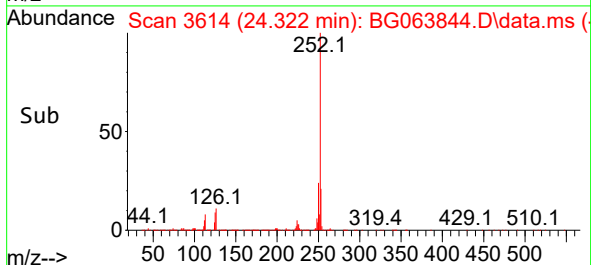
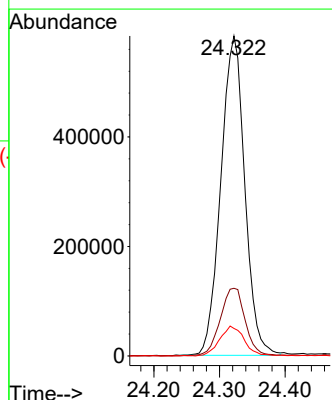
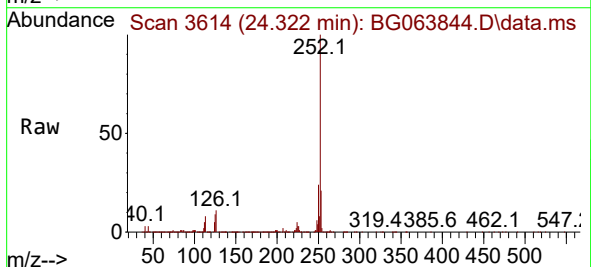
Tgt Ion:252 Resp: 1478452

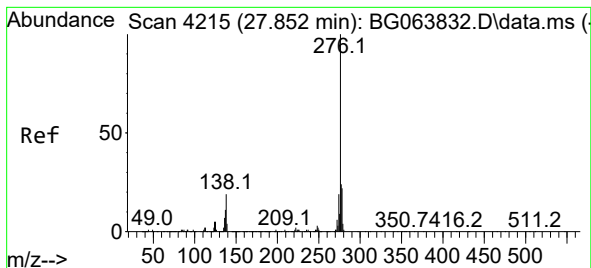
Ion Ratio Lower Upper

252 100

253 21.2 16.6 24.8

125 8.6 8.0 12.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 34.810 ng/ul

RT: 27.871 min Scan# 4215

Delta R.T. 0.024 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

Instrument :

BNA_G

ClientSampleId :

YE5X6MSD

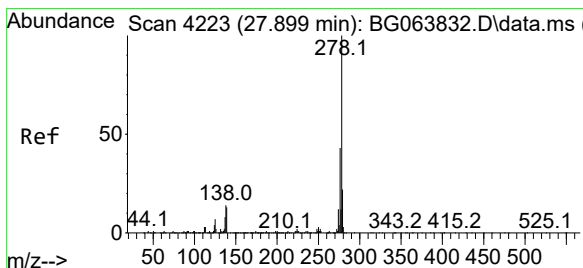
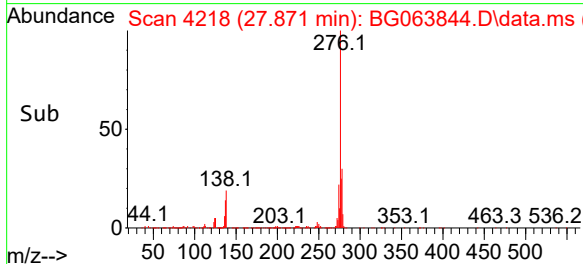
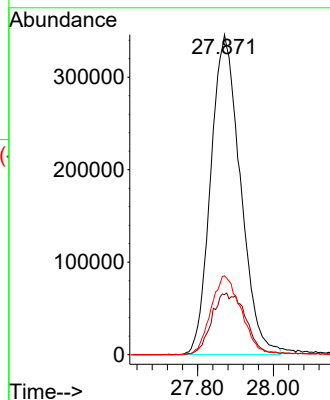
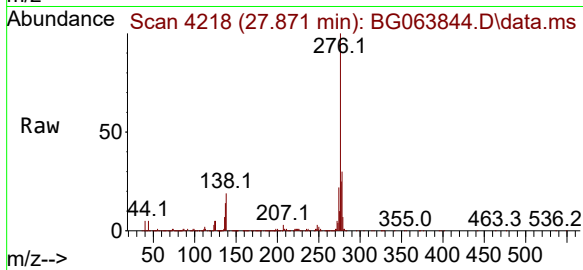
Tgt Ion:276 Resp: 1872923

Ion Ratio Lower Upper

276 100

138 18.8 13.7 20.5

277 24.7 18.4 27.6



#95

Dibenzo(a,h)anthracene

Concen: 35.009 ng/ul

RT: 27.918 min Scan# 4226

Delta R.T. 0.030 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

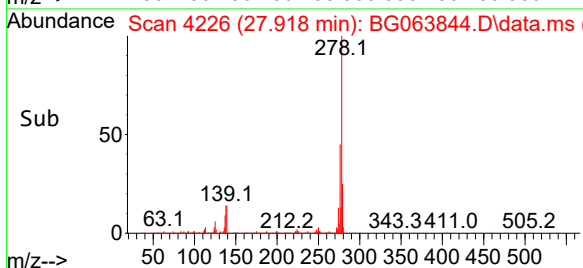
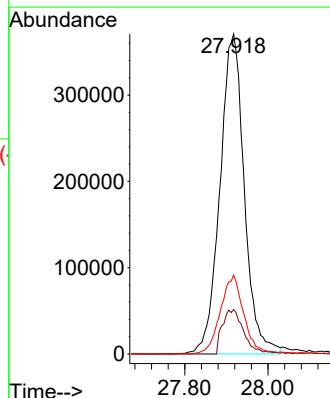
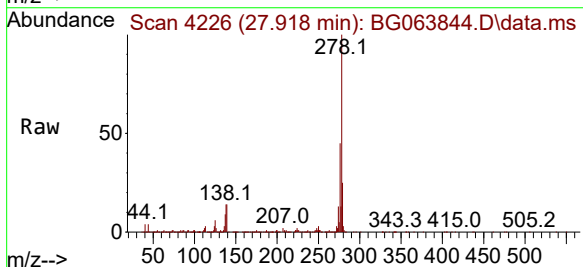
Tgt Ion:278 Resp: 1507224

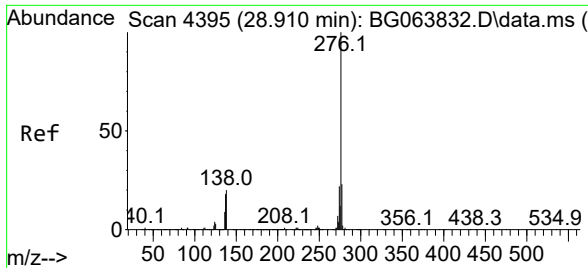
Ion Ratio Lower Upper

278 100

139 13.9 9.7 14.5

279 24.6 17.3 25.9





#96
 Benzo(g,h,i)perylene
 Concen: 34.259 ng/ul
 RT: 28.928 min Scan# 41
 Delta R.T. 0.030 min
 Lab File: BG063844.D
 Acq: 26 Dec 2024 20:47

Instrument :
 BNA_G
 ClientSampleId :
 YE5X6MSD

Tgt Ion:276 Resp: 1462698

Ion	Ratio	Lower	Upper
276	100		
138	19.7	13.8	20.8
277	23.0	17.8	26.8

