

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092724\
 Data File : BG063112.D
 Acq On : 28 Sep 2024 17:44
 Operator : RC/JU
 Sample : P3927-18MS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDCA5MS

Quant Time: Sep 28 23:25:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 25 13:16:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.848	152	80210	20.000	ng/ul	0.00
20) Naphthalene-d8	10.638	136	337687	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.487	164	305708	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.237	188	830508	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.490	240	870694	20.000	ng/ul	# 0.00
88) Perylene-d12	24.528	264	1012078	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	3.717	84	2318	0.681	ng/ul	0.00
7) Phenol-d5	7.025	99	3497	0.706	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.184	67	1128	0.583	ng/ul	0.00
11) 2-Chlorophenol-d4	7.383	132	1416	0.291	ng/ul	0.00
15) 4-Methylphenol-d8	8.564	113	2171	0.485	ng/ul	0.00
21) Nitrobenzene-d5	8.999	128	357	0.144	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	1378	0.435	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.274	165	2612	0.395	ng/ul	0.01
31) 4-Chloroaniline-d4	10.785	131	2026	0.261	ng/ul	0.01
46) Dimethylphthalate-d6	13.893	166	15414	0.634	ng/ul	0.00
49) Acenaphthylene-d8	14.176	160	15827	0.614	ng/ul	0.00
54) 4-Nitrophenol-d4	14.710	143	351	0.096	ng/ul	0.02
60) Fluorene-d10	15.474	176	16839	0.756	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.621	200	851	0.147	ng/ul	0.02
73) Anthracene-d10	17.336	188	31444	0.789	ng/ul	0.00
81) Pyrene-d10	19.634	212	34796	0.710	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.317	264	37553	0.693	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.359	88	484	0.295	ng/uL#	40
6) Benzaldehyde	7.002	77	322	0.140	ng/ul#	1
10) Bis(2-Chloroethyl)ether	7.331	93	155	0.050	ng/ul#	29
16) Acetophenone	8.647	105	3080	0.443	ng/ul#	32
17) N-Nitroso-di-n-propyla...	8.676	70	121	0.043	ng/ul#	39
19) Hexachloroethane	8.958	117	409	0.219	ng/ul#	1
22) Nitrobenzene	8.964	77	101	0.022	ng/ul#	38
23) Isophorone	9.563	82	217	0.024	ng/ul#	57
26) 2,4-Dimethylphenol	9.851	107	120	0.021	ng/ul#	17
27) Bis(2-Chloroethoxy)met...	9.898	93	53	0.011	ng/ul#	49
30) Naphthalene	10.691	128	4256	0.248	ng/ul#	70
32) 4-Chloroaniline	10.691	127	864	0.121	ng/ul	91
34) Caprolactam	11.772	113	138	0.078	ng/ul#	37
35) 4-Chloro-3-methylphenol	11.896	107	166	0.030	ng/ul#	1
36) 2-Methylnaphthalene	12.195	142	203	0.015	ng/ul	95
37) 1-Methylnaphthalene	12.507	142	184	0.013	ng/ul#	65
39) 1,2,4,5-Tetrachloroben...	12.642	216	174	0.015	ng/ul#	6
41) 2,4,6-Trichlorophenol	12.924	196	222	0.032	ng/ul#	12
42) 2,4,5-Trichlorophenol	12.924	196	222	0.030	ng/ul#	13
43) 1,1'-Biphenyl	13.312	154	89	0.004	ng/ul#	40
44) 2-Chloronaphthalene	13.465	162	271	0.017	ng/ul#	41
45) 2-Nitroaniline	13.523	65	83	0.028	ng/ul#	59
47) Dimethylphthalate	13.882	163	85	0.004	ng/ul#	76
48) 2,6-Dinitrotoluene	14.040	165	241	0.050	ng/ul#	40

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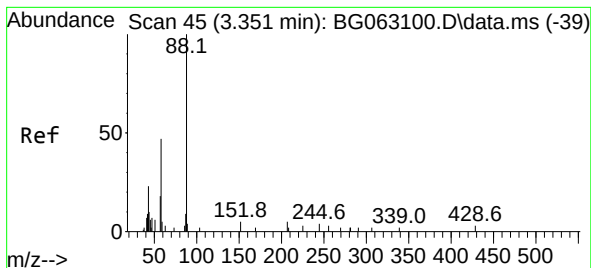
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

50) Acenaphthylene	14.193	152	86	0.003	ng/ul#	60
52) Acenaphthene	14.487	153	333	0.019	ng/ul#	1
55) 4-Nitrophenol	14.693	109	137	0.031	ng/ul#	38
56) Dibenzofuran	14.781	168	78	0.003	ng/ul#	1
57) 2,4-Dinitrotoluene	14.839	165	284	0.037	ng/ul#	26
58) 2,3,4,6-Tetrachlorophenol	15.116	232	37468	4.671	ng/ul#	97
59) Diethylphthalate	15.315	149	112	0.005	ng/ul#	55
61) Fluorene	15.539	166	214	0.009	ng/ul#	59
62) 4-Chlorophenyl-phenyle...	15.668	204	224	0.015	ng/ul#	50
63) 4-Nitroaniline	15.586	138	869	0.198	ng/ul#	8
66) 4,6-Dinitro-2-methylph...	15.638	198	313	0.051	ng/ul#	17
67) N-Nitrosodiphenylamine	15.732	169	175	0.008	ng/ul#	23
69) Hexachlorobenzene	16.496	284	123	0.011	ng/ul#	46
71) Pentachlorophenol	16.890	266	322383	45.622	ng/ul	86
72) Phenanthrene	17.278	178	2015	0.047	ng/ul#	87
74) Anthracene	17.372	178	154	0.003	ng/ul#	62
76) Pentachlorobenzene	14.646	250	91	0.007	ng/ul#	1
77) Carbazole	17.654	167	372	0.011	ng/ul#	61
78) Di-n-butylphthalate	18.200	149	1018	0.027	ng/ul#	79
80) Fluoranthene	19.252	202	64	0.001	ng/ul#	1
82) Pyrene	19.663	202	572	0.010	ng/ul#	89
83) Butylbenzylphthalate	20.556	149	384	0.024	ng/ul#	76
84) 3,3'-Dichlorobenzidine	21.449	252	143	0.007	ng/ul#	68
85) Benzo(a)anthracene	21.455	228	504	0.008	ng/ul#	51
86) Bis(2-ethylhexyl)phtha...	21.379	149	266	0.012	ng/ul#	35
87) Chrysene	21.532	228	957	0.017	ng/ul#	82
89) Di-n-octyl phthalate	22.536	149	921	0.024	ng/ul	100
90) Benzo(b)fluoranthene	23.570	252	447	0.007	ng/ul#	31
91) Benzo(k)fluoranthene	23.611	252	414	0.007	ng/ul#	29
93) Benzo(a)pyrene	24.387	252	565	0.010	ng/ul#	30
94) Indeno(1,2,3-cd)pyrene	27.953	276	323	0.005	ng/ul#	28
95) Dibenzo(a,h)anthracene	27.989	278	332	0.006	ng/ul#	58
96) Benzo(g,h,i)perylene	29.023	276	208	0.004	ng/ul#	48

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

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#2

1,4-Dioxane

Concen: 0.295 ng/uL

RT: 3.359 min Scan# 4

Delta R.T. 0.012 min

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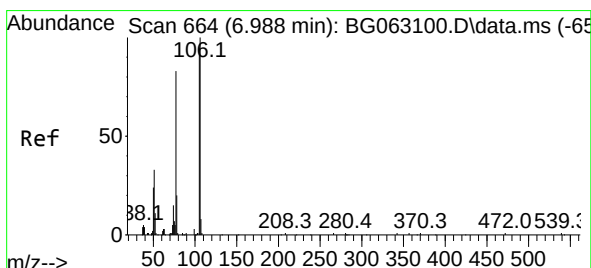
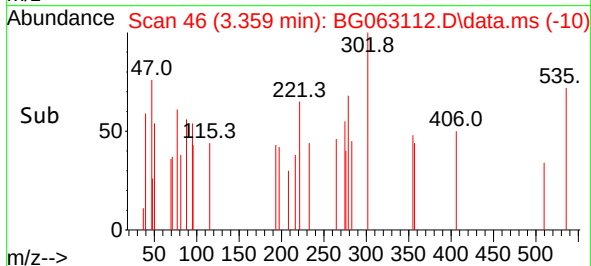
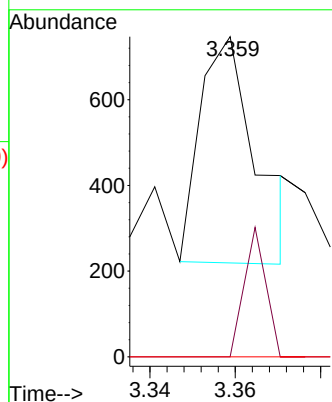
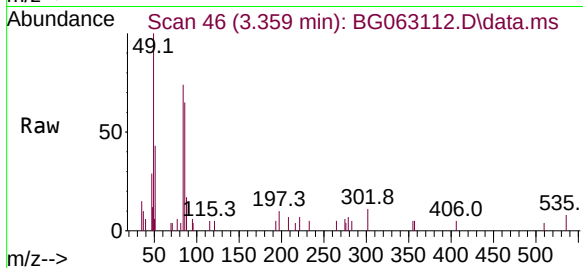
Tgt Ion: 88 Resp: 484

Ion Ratio Lower Upper

88 100

43 0.0 16.6 25.0#

58 0.0 34.8 52.2#



#6

Benzaldehyde

Concen: 0.140 ng/uL

RT: 7.002 min Scan# 666

Delta R.T. 0.012 min

Lab File: BG063112.D

Acq: 28 Sep 2024 17:44

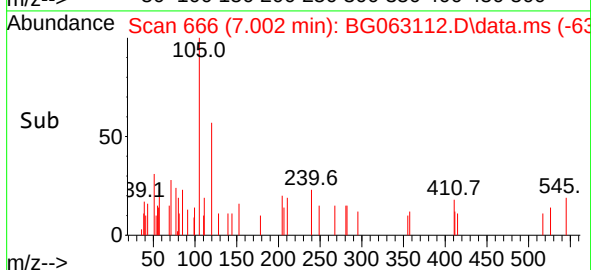
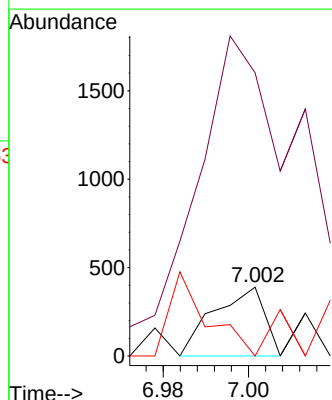
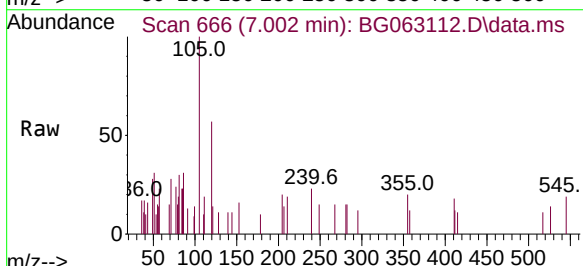
Tgt Ion: 77 Resp: 322

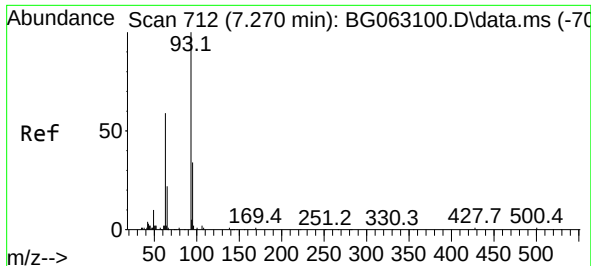
Ion Ratio Lower Upper

77 100

105 411.8 97.2 145.8#

106 0.0 89.8 134.8#

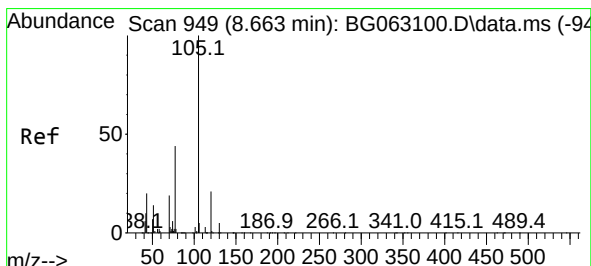
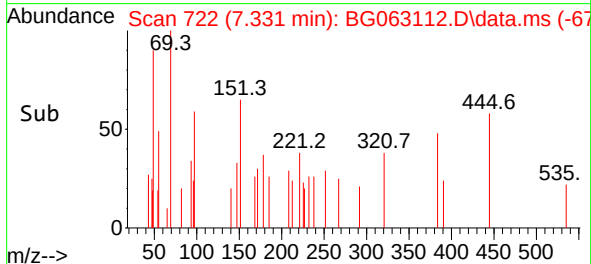
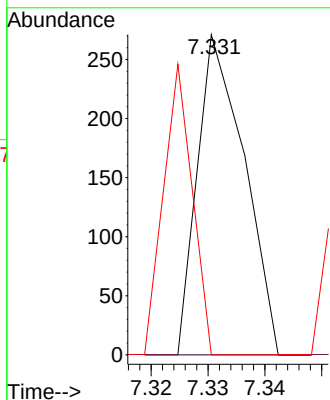
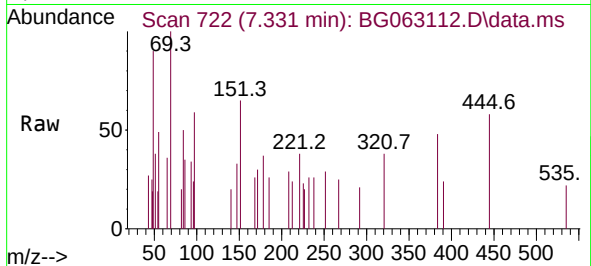




#10
Bis(2-Chloroethyl)ether
Concen: 0.050 ng/ul
RT: 7.331 min Scan# 712
Delta R.T. 0.059 min
Lab File: BG063112.D
Acq: 28 Sep 2024 17:44

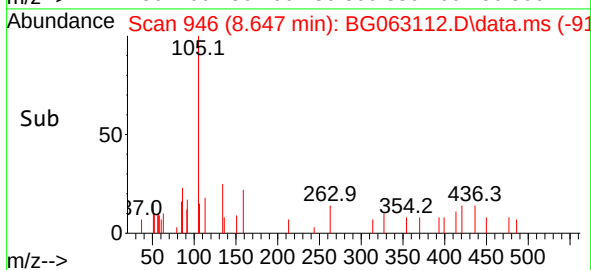
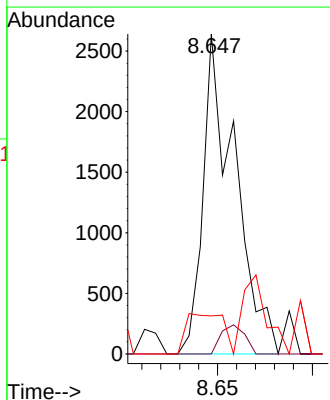
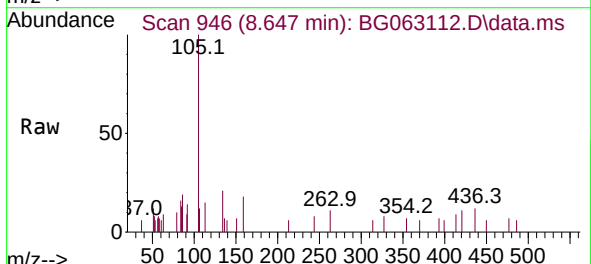
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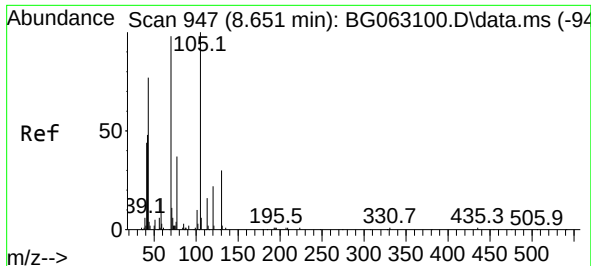
Tgt Ion: 93	Resp:	155	
Ion	Ratio	Lower	Upper
93	100		
63	0.0	47.2	70.8#
95	0.0	25.3	37.9#



#16
Acetophenone
Concen: 0.443 ng/ul
RT: 8.647 min Scan# 946
Delta R.T. -0.017 min
Lab File: BG063112.D
Acq: 28 Sep 2024 17:44

Tgt Ion:105	Resp:	3080	
Ion Ratio	Lower	Upper	
105 100			
77 0.0	54.2	81.4#	
51 11.9	19.6	29.4#	

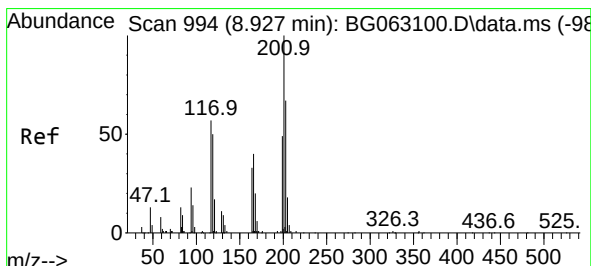
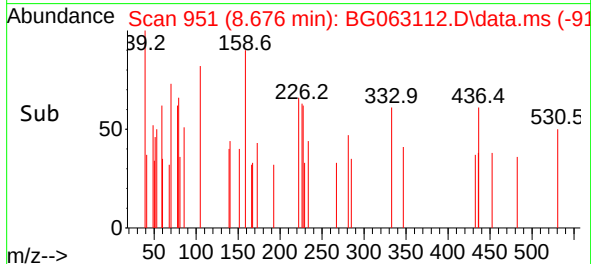
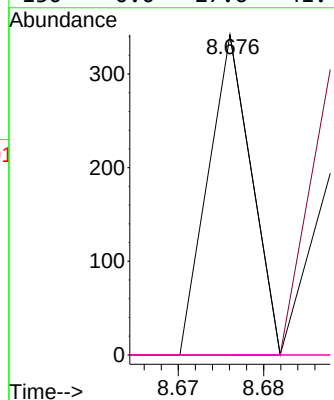
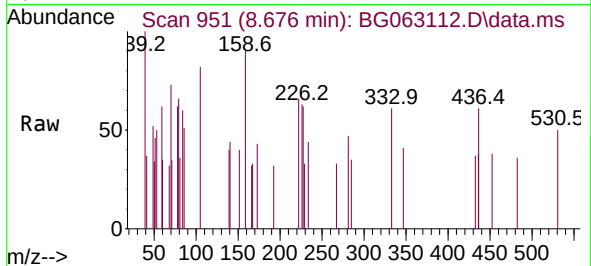




#17
N-Nitroso-di-n-propylamine
Concen: 0.043 ng/ul
RT: 8.676 min Scan# 911
Delta R.T. 0.024 min
Lab File: BG063112.D
Acq: 28 Sep 2024 17:44

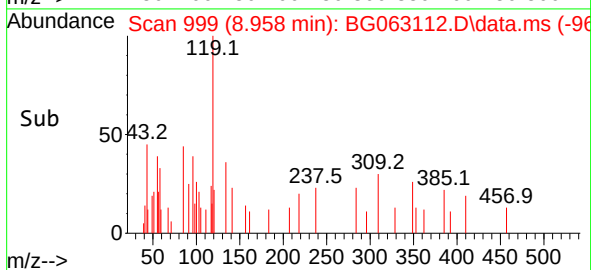
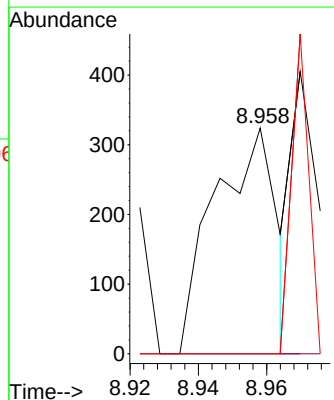
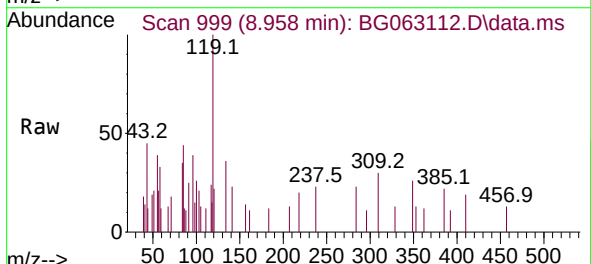
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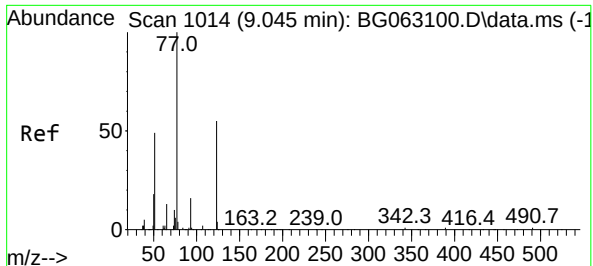
Tgt Ion: 70 Resp: 121
Ion Ratio Lower Upper
70 100
42 0.0 37.0 55.4#
101 0.0 7.6 11.4#
130 0.0 27.6 41.4#



#19
Hexachloroethane
Concen: 0.219 ng/ul
RT: 8.958 min Scan# 999
Delta R.T. 0.030 min
Lab File: BG063112.D
Acq: 28 Sep 2024 17:44

Tgt Ion: 117 Resp: 409
Ion Ratio Lower Upper
117 100
201 0.0 143.8 215.8#
199 0.0 89.1 133.7#

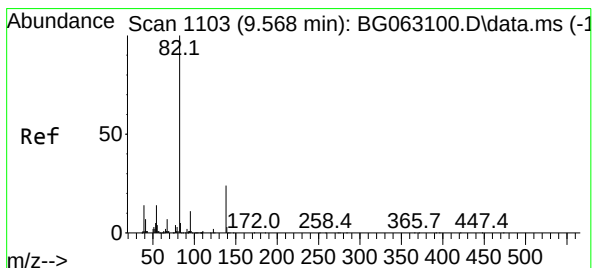
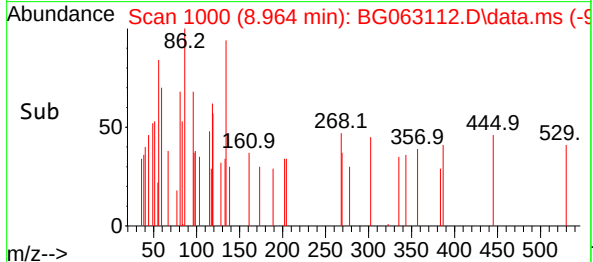
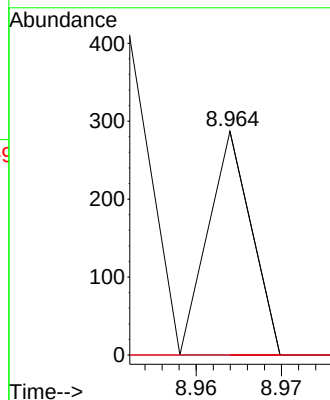
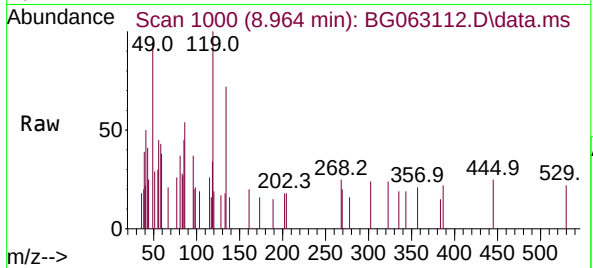




#22
Nitrobenzene
Concen: 0.022 ng/ul
RT: 8.964 min Scan# 1014
Delta R.T. -0.076 min
Lab File: BG063112.D
Acq: 28 Sep 2024 17:44

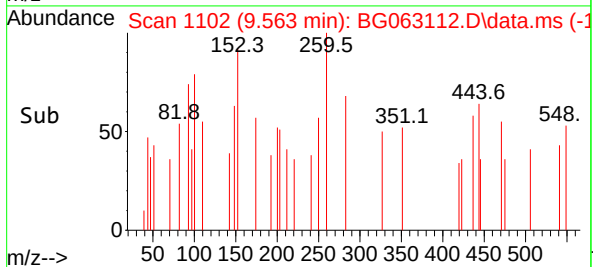
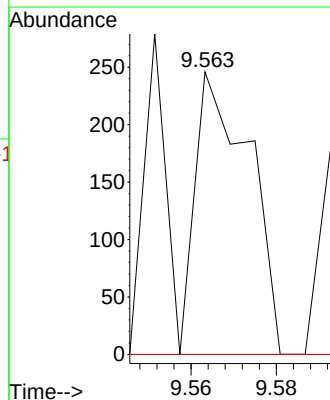
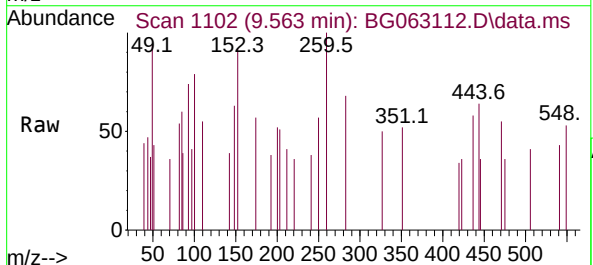
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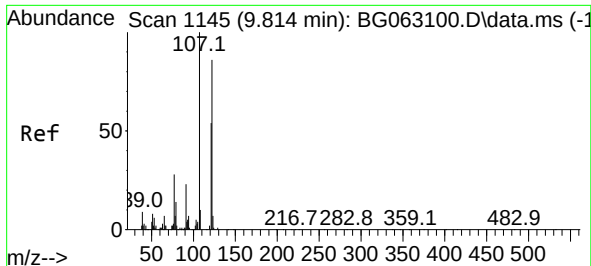
Tgt Ion: 77 Resp: 101
Ion Ratio Lower Upper
77 100
123 0.0 37.6 56.4#
65 0.0 12.0 18.0#



#23
Isophorone
Concen: 0.024 ng/ul
RT: 9.563 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BG063112.D
Acq: 28 Sep 2024 17:44

Tgt Ion: 82 Resp: 217
Ion Ratio Lower Upper
82 100
95 0.0 10.0 15.0#
138 0.0 19.5 29.3#

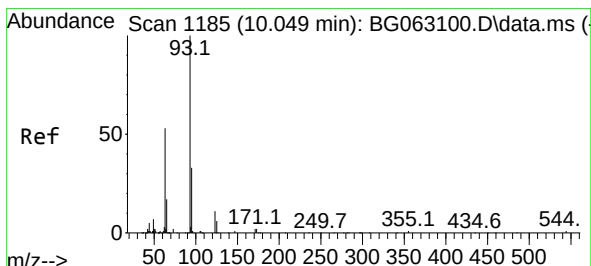
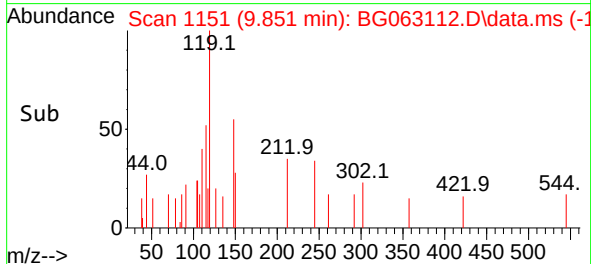
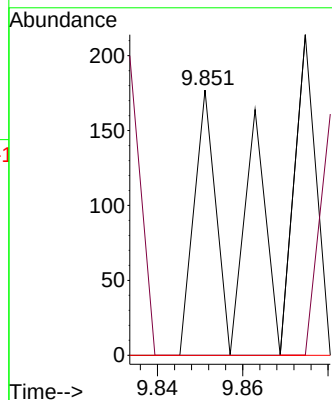
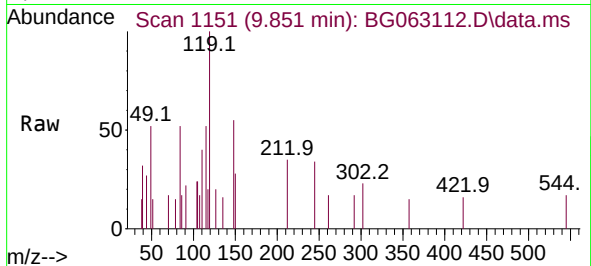




#26
2,4-Dimethylphenol
Concen: 0.021 ng/ul
RT: 9.851 min Scan# 1145
Delta R.T. 0.030 min
Lab File: BG063112.D
Acq: 28 Sep 2024 17:44

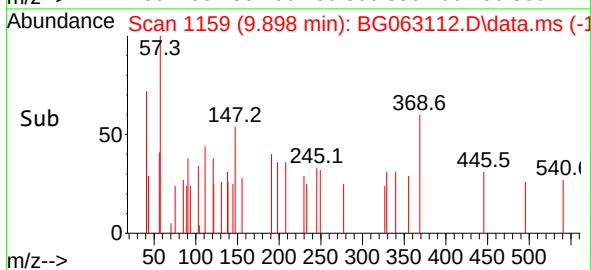
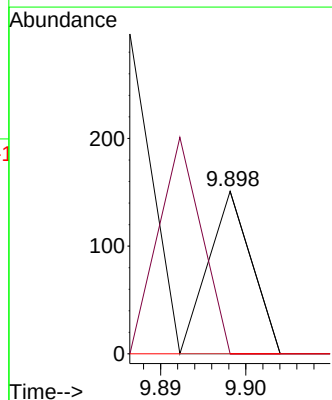
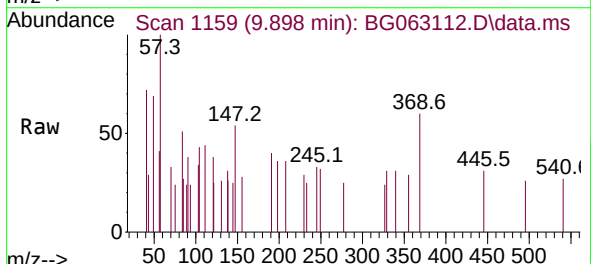
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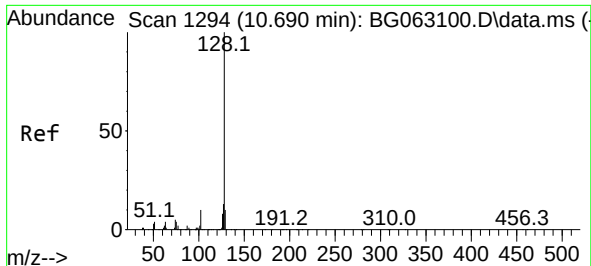
Tgt Ion:107 Resp: 120
Ion Ratio Lower Upper
107 100
121 0.0 38.3 57.5#
122 0.0 63.7 95.5#



#27
Bis(2-Chloroethoxy)methane
Concen: 0.011 ng/ul
RT: 9.898 min Scan# 1159
Delta R.T. -0.152 min
Lab File: BG063112.D
Acq: 28 Sep 2024 17:44

Tgt Ion: 93 Resp: 53
Ion Ratio Lower Upper
93 100
95 0.0 26.2 39.4#
123 0.0 8.7 13.1#

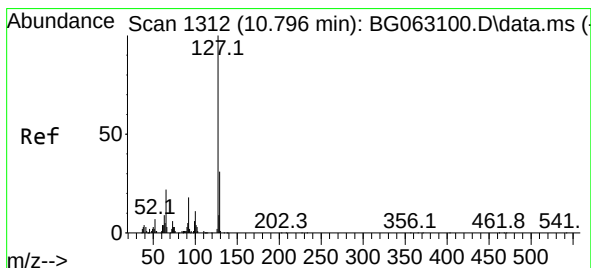
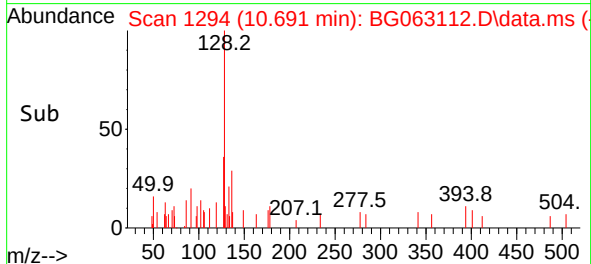
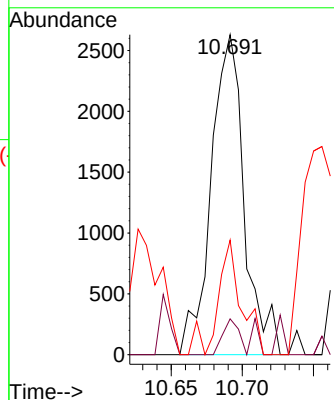
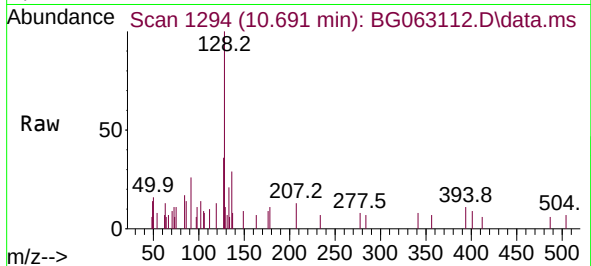




#30
Naphthalene
Concen: 0.248 ng/ul
RT: 10.691 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BG063112.D
Acq: 28 Sep 2024 17:44

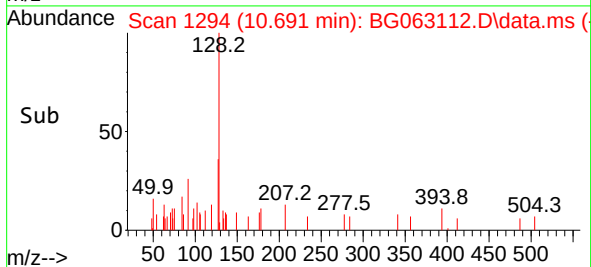
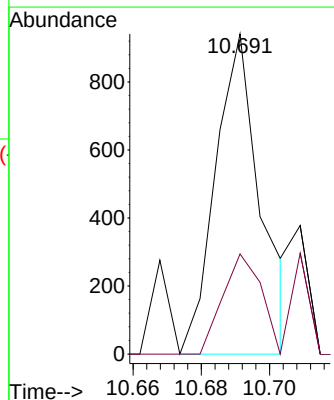
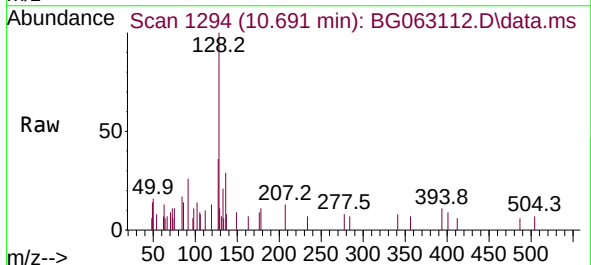
Instrument :
BNA_G
ClientSampleId :
DDCA5MS

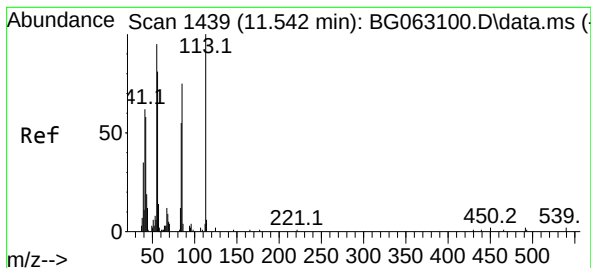
Tgt Ion:128 Resp: 4256
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 35.8 10.7 16.1#



#32
4-Chloroaniline
Concen: 0.121 ng/ul
RT: 10.691 min Scan# 1294
Delta R.T. -0.105 min
Lab File: BG063112.D
Acq: 28 Sep 2024 17:44

Tgt Ion:127 Resp: 864
Ion Ratio Lower Upper
127 100
129 31.2 29.4 44.0





#34

Caprolactam

Concen: 0.078 ng/ul

RT: 11.772 min Scan# 14

Delta R.T. 0.224 min

Lab File: BG063112.D

Acq: 28 Sep 2024 17:44

Instrument :

BNA_G

ClientSampleId :

DDCA5MS

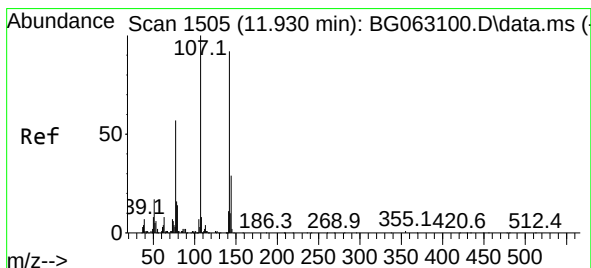
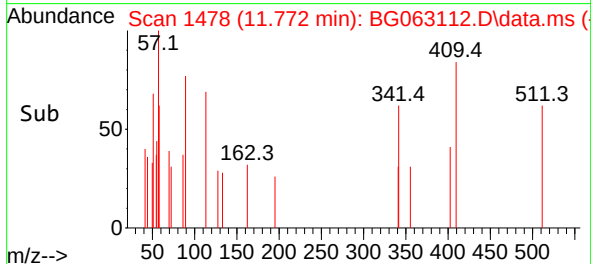
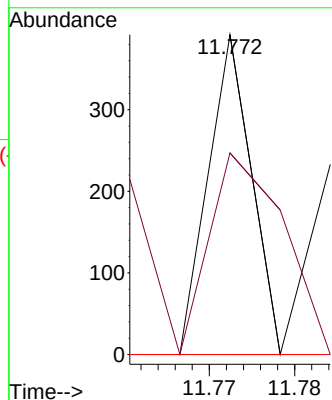
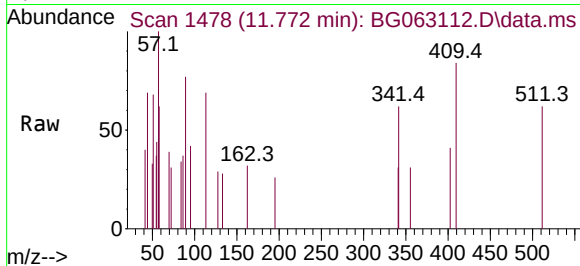
Tgt Ion:113 Resp: 138

Ion Ratio Lower Upper

113 100

55 63.0 85.4 128.2#

56 0.0 63.5 95.3#



#35

4-Chloro-3-methylphenol

Concen: 0.030 ng/ul

RT: 11.896 min Scan# 1499

Delta R.T. -0.035 min

Lab File: BG063112.D

Acq: 28 Sep 2024 17:44

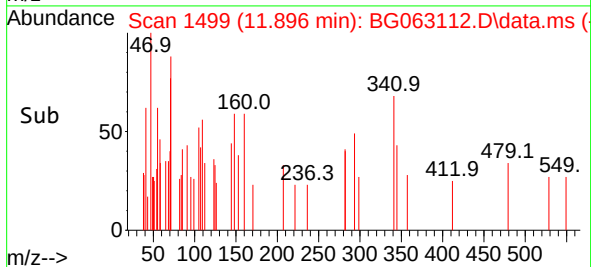
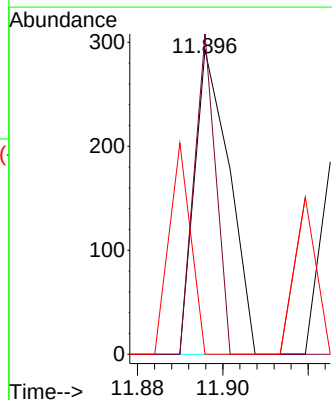
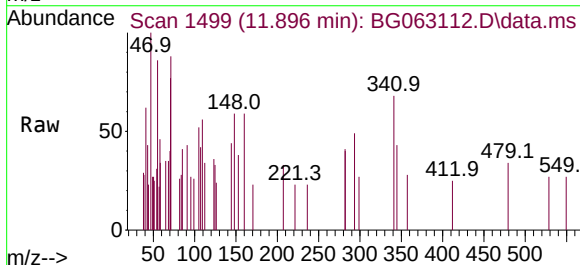
Tgt Ion:107 Resp: 166

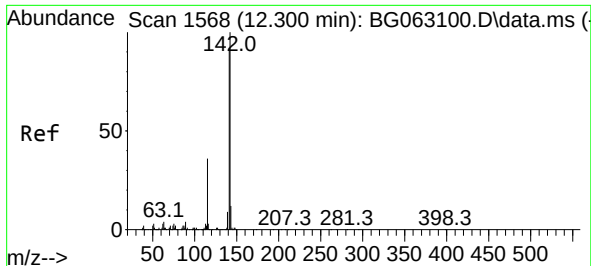
Ion Ratio Lower Upper

107 100

144 105.1 22.2 33.4#

142 0.0 71.8 107.6#

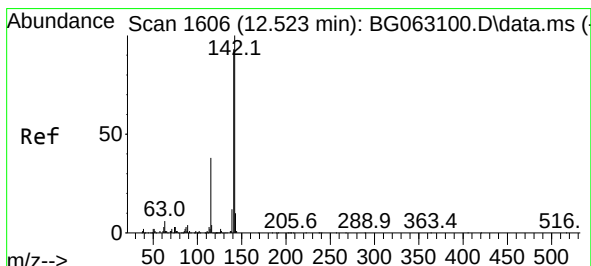
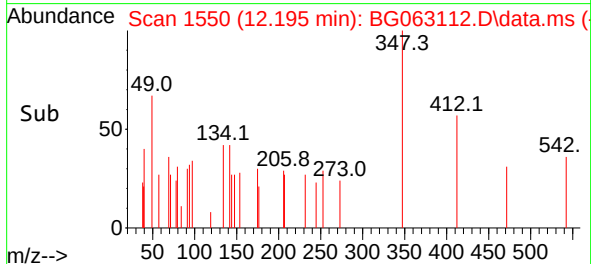
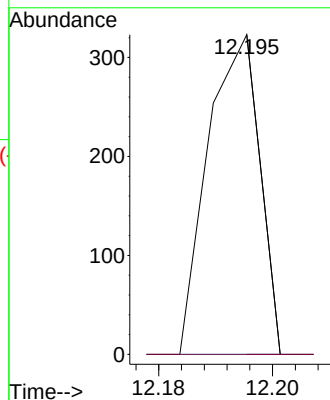
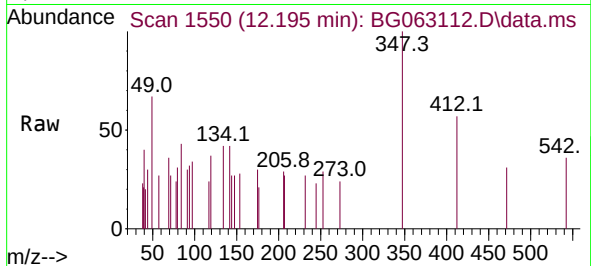




#36
2-Methylnaphthalene
Concen: 0.015 ng/ul
RT: 12.195 min Scan# 11
Delta R.T. -0.105 min
Lab File: BG063112.D
Acq: 28 Sep 2024 17:44

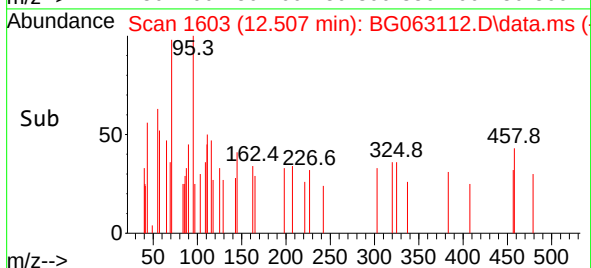
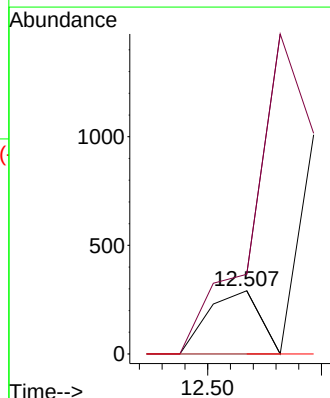
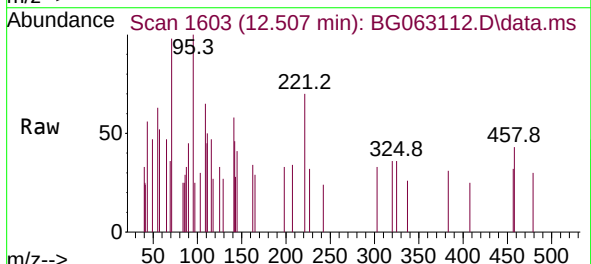
Instrument :
BNA_G
ClientSampleId :
DDCA5MS

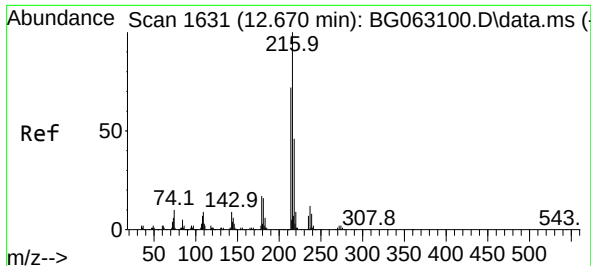
Tgt Ion:142 Resp: 203
Ion Ratio Lower Upper
142 100
141 100.0 75.8 113.8



#37
1-Methylnaphthalene
Concen: 0.013 ng/ul
RT: 12.507 min Scan# 1603
Delta R.T. -0.011 min
Lab File: BG063112.D
Acq: 28 Sep 2024 17:44

Tgt Ion:142 Resp: 184
Ion Ratio Lower Upper
142 100
141 126.1 73.4 110.0#
116 0.0 3.0 4.6#

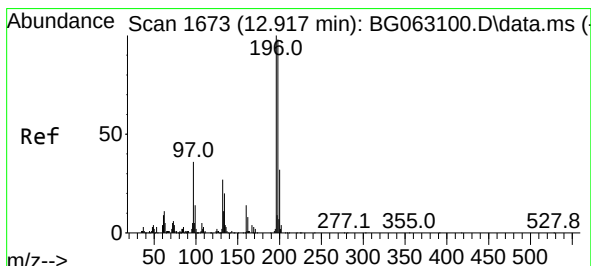
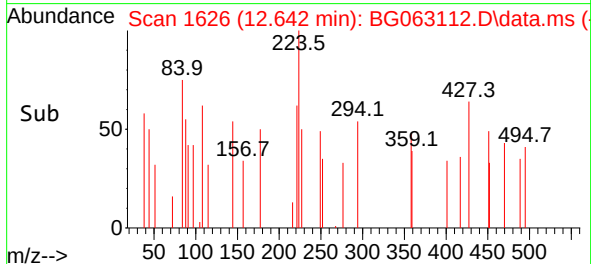
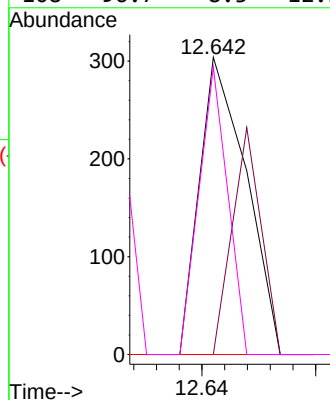
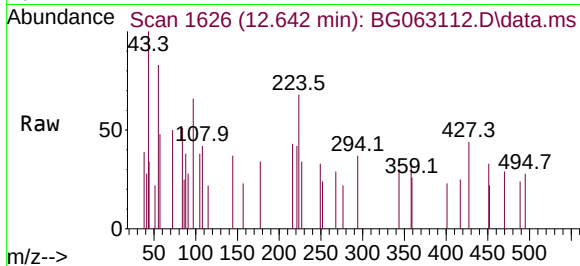




#39
1,2,4,5-Tetrachlorobenzene
Concen: 0.015 ng/ul
RT: 12.642 min Scan# 1626
Delta R.T. -0.029 min
Lab File: BG063112.D
Acq: 28 Sep 2024 17:44

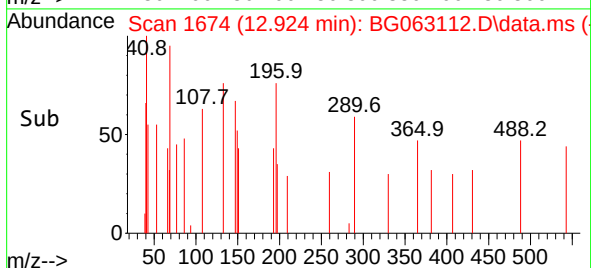
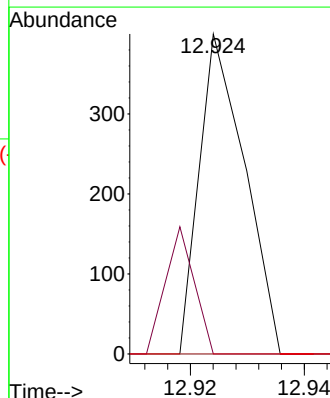
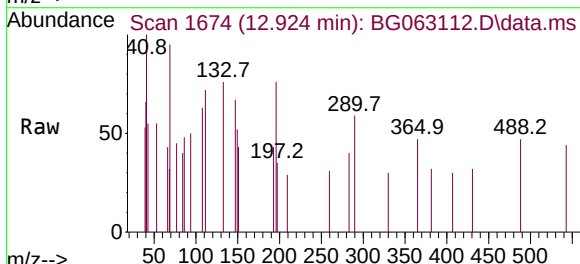
Instrument :
BNA_G
ClientSampleId :
DDCA5MS

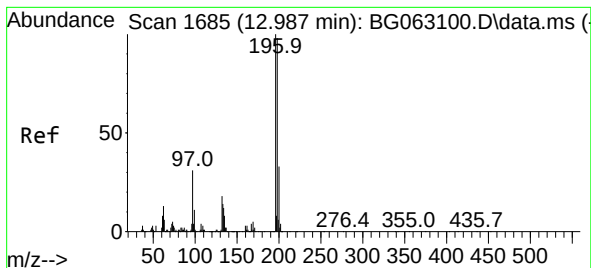
Tgt Ion:	216	Resp:	174
Ion	Ratio	Lower	Upper
216	100		
214	0.0	60.4	90.6#
179	0.0	14.2	21.4#
108	96.7	8.3	12.5#



#41
2,4,6-Trichlorophenol
Concen: 0.032 ng/ul
RT: 12.924 min Scan# 1674
Delta R.T. 0.006 min
Lab File: BG063112.D
Acq: 28 Sep 2024 17:44

Tgt Ion:	196	Resp:	222
Ion	Ratio	Lower	Upper
196	100		
198	0.0	77.6	116.4#
200	0.0	25.1	37.7#





#42

2,4,5-Trichlorophenol

Concen: 0.030 ng/ul

RT: 12.924 min Scan# 1

Delta R.T. -0.064 min

Lab File: BG063112.D

Acq: 28 Sep 2024 17:44

Instrument :

BNA_G

ClientSampleId :

DDCA5MS

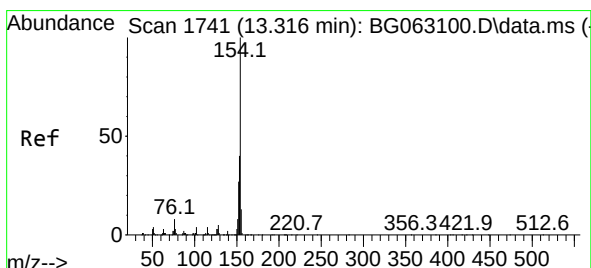
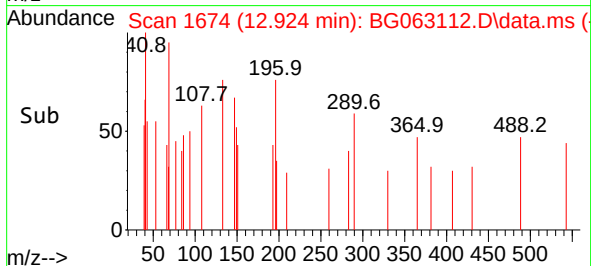
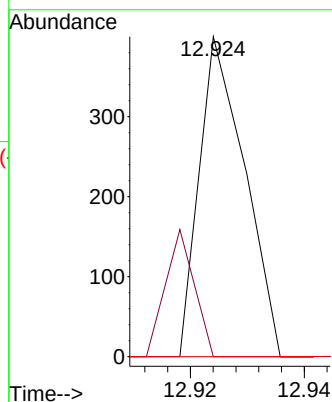
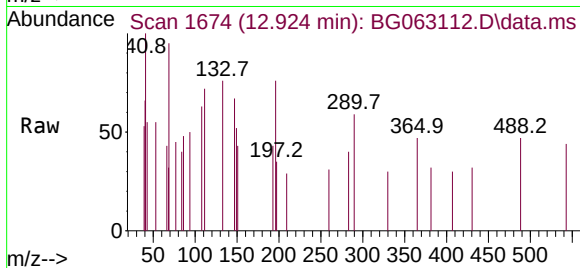
Tgt Ion:196 Resp: 222

Ion Ratio Lower Upper

196 100

198 0.0 74.0 111.0#

200 0.0 22.1 33.1#



#43

1,1'-Biphenyl

Concen: 0.004 ng/ul

RT: 13.312 min Scan# 1740

Delta R.T. 0.000 min

Lab File: BG063112.D

Acq: 28 Sep 2024 17:44

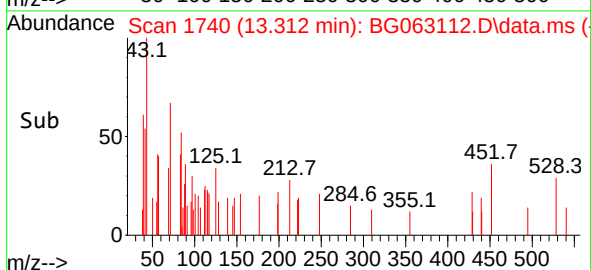
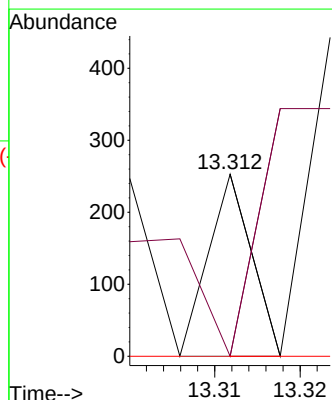
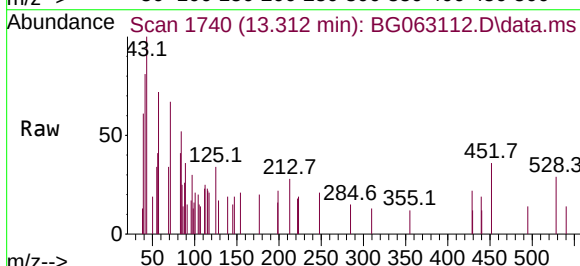
Tgt Ion:154 Resp: 89

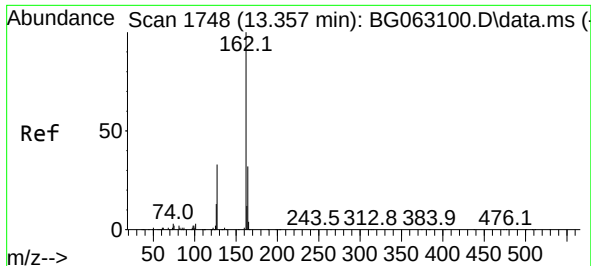
Ion Ratio Lower Upper

154 100

153 0.0 32.6 48.8#

76 0.0 4.1 6.1#

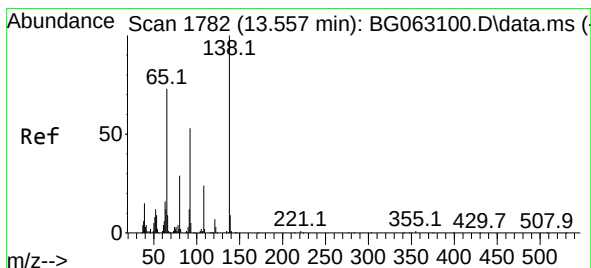
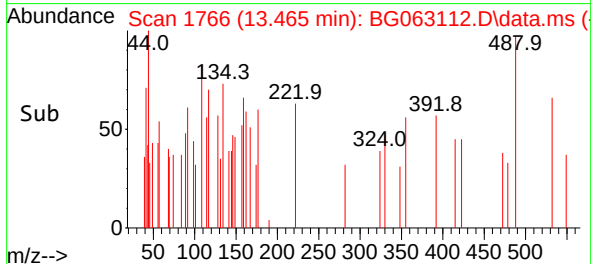
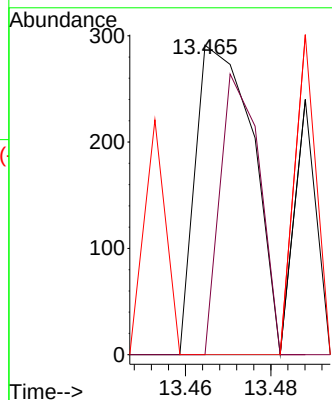
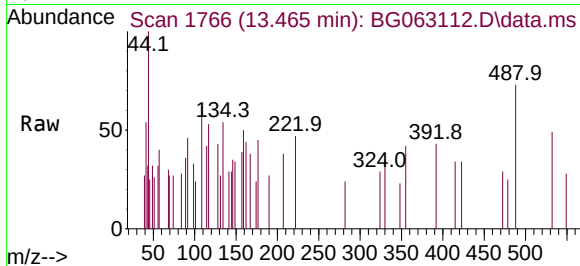




#44
2-Chloronaphthalene
Concen: 0.017 ng/ul
RT: 13.465 min Scan# 11
Delta R.T. 0.106 min
Lab File: BG063112.D
Acq: 28 Sep 2024 17:44

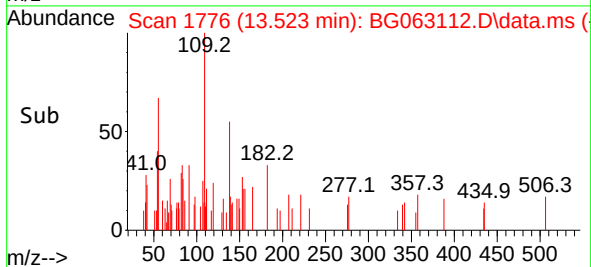
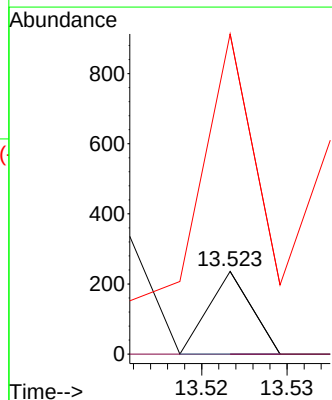
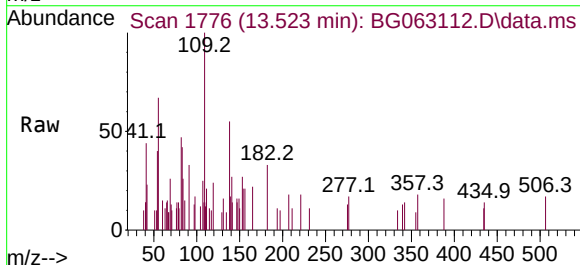
Instrument :
BNA_G
ClientSampleId :
DDCA5MS

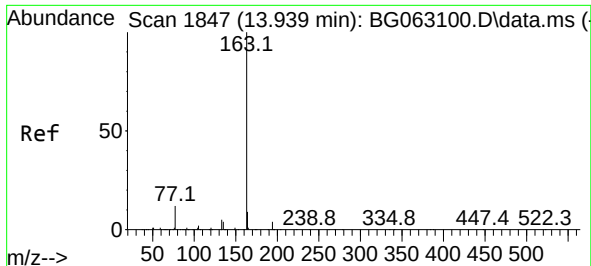
Tgt Ion:162 Resp: 271
Ion Ratio Lower Upper
162 100
164 0.0 27.0 40.6#
127 0.0 26.6 40.0#



#45
2-Nitroaniline
Concen: 0.028 ng/ul
RT: 13.523 min Scan# 1776
Delta R.T. -0.035 min
Lab File: BG063112.D
Acq: 28 Sep 2024 17:44

Tgt Ion: 65 Resp: 83
Ion Ratio Lower Upper
65 100
92 0.0 67.4 101.0#
138 191.0 135.4 203.2

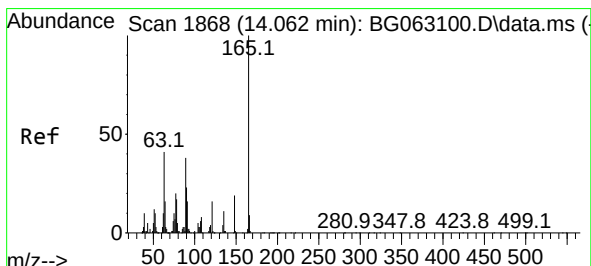
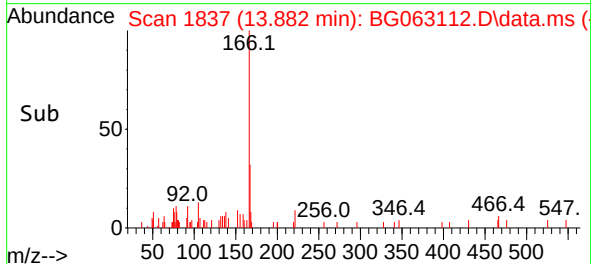
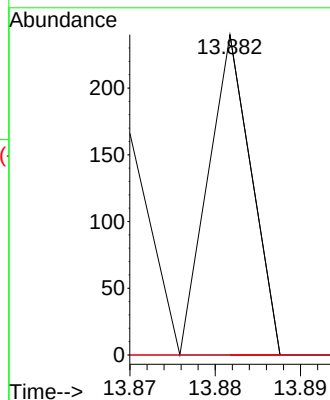
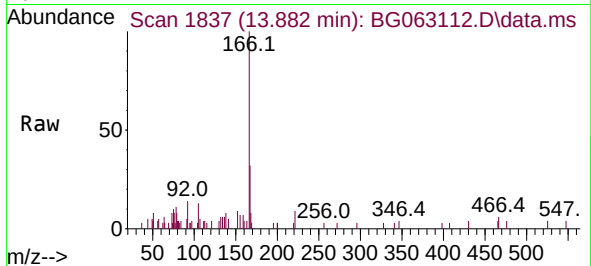




#47
Dimethylphthalate
Concen: 0.004 ng/ul
RT: 13.882 min Scan# 1837
Delta R.T. -0.058 min
Lab File: BG063112.D
Acq: 28 Sep 2024 17:44

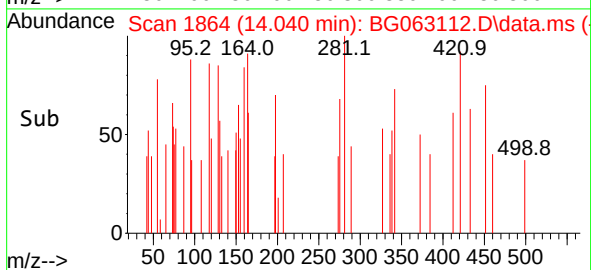
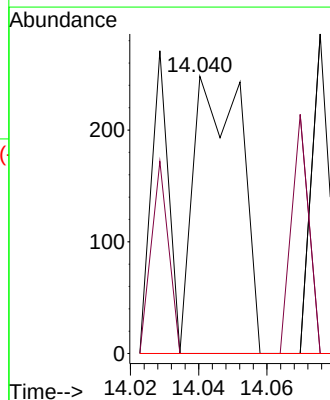
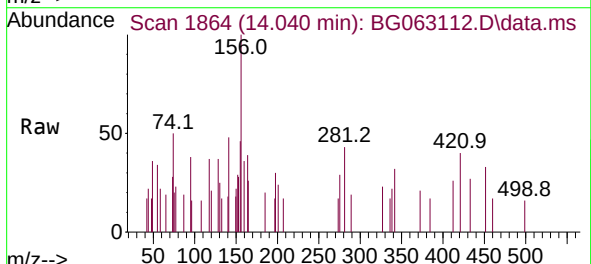
Instrument :
BNA_G
ClientSampleId :
DDCA5MS

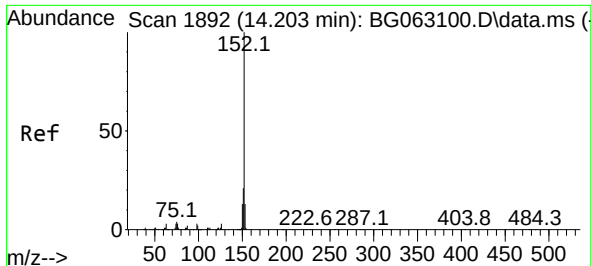
Tgt Ion:163 Resp: 85
Ion Ratio Lower Upper
163 100
194 0.0 3.5 5.3#
164 0.0 8.3 12.5#



#48
2,6-Dinitrotoluene
Concen: 0.050 ng/ul
RT: 14.040 min Scan# 1864
Delta R.T. -0.017 min
Lab File: BG063112.D
Acq: 28 Sep 2024 17:44

Tgt Ion:165 Resp: 241
Ion Ratio Lower Upper
165 100
89 0.0 34.9 52.3#
121 0.0 13.6 20.4#

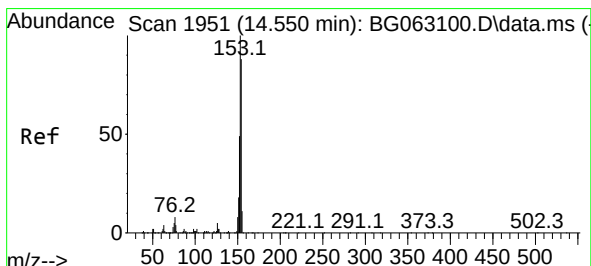
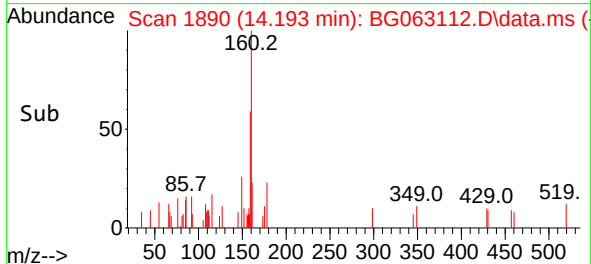
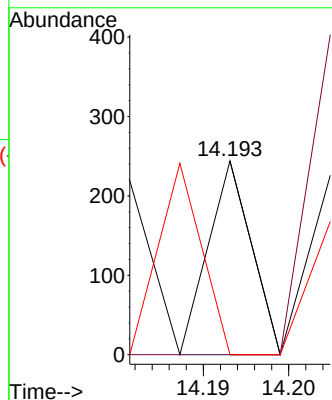
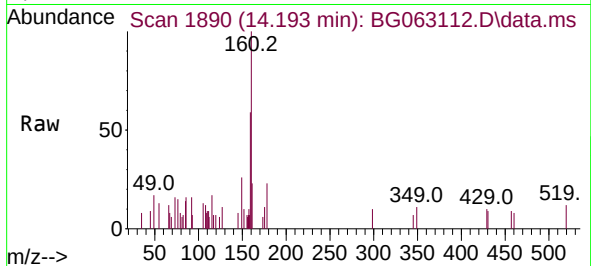




#50
Acenaphthylene
Concen: 0.003 ng/ul
RT: 14.193 min Scan# 1890
Delta R.T. -0.011 min
Lab File: BG063112.D
Acq: 28 Sep 2024 17:44

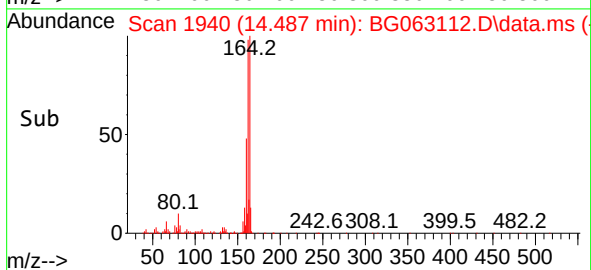
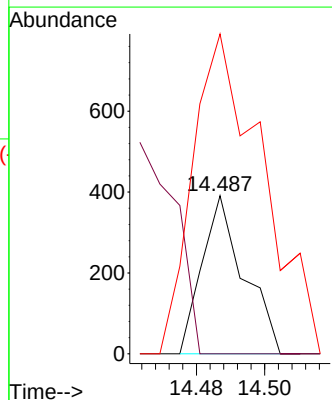
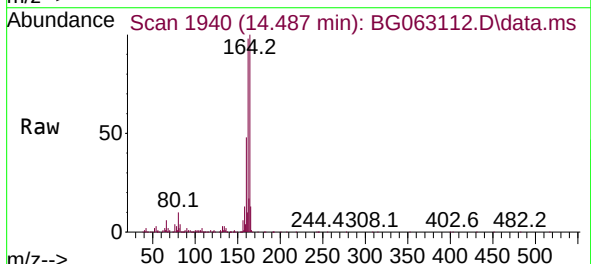
Instrument :
BNA_G
ClientSampleId :
DDCA5MS

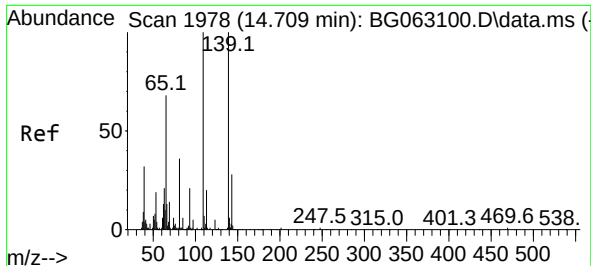
Tgt Ion:152 Resp: 86
Ion Ratio Lower Upper
152 100
151 0.0 16.9 25.3#
153 0.0 9.4 14.2#



#52
Acenaphthene
Concen: 0.019 ng/ul
RT: 14.487 min Scan# 1940
Delta R.T. -0.064 min
Lab File: BG063112.D
Acq: 28 Sep 2024 17:44

Tgt Ion:153 Resp: 333
Ion Ratio Lower Upper
153 100
152 0.0 36.9 55.3#
154 202.3 70.2 105.4#

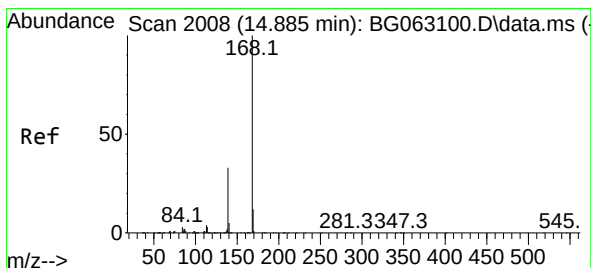
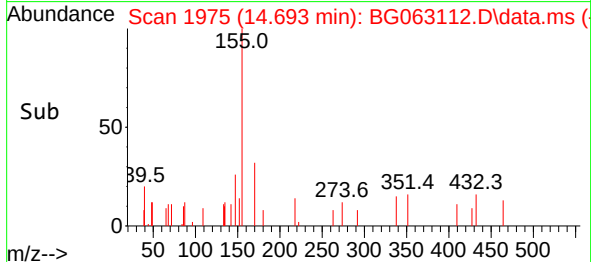
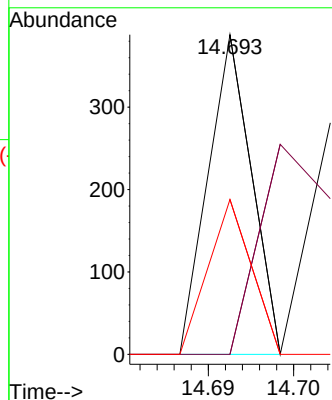
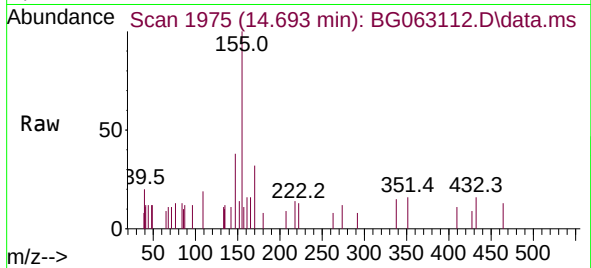




#55
4-Nitrophenol
Concen: 0.031 ng/ul
RT: 14.693 min Scan# 1990
Delta R.T. -0.011 min
Lab File: BG063112.D
Acq: 28 Sep 2024 17:44

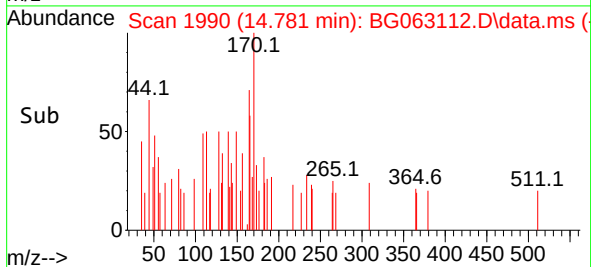
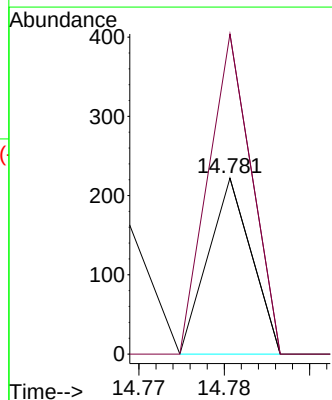
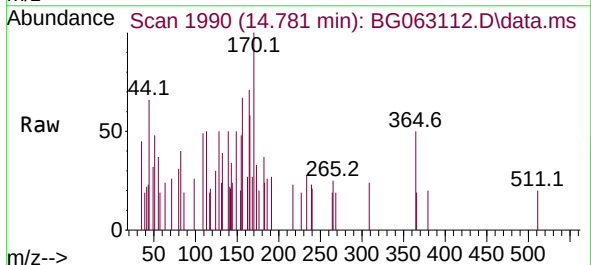
Instrument :
BNA_G
ClientSampleId :
DDCA5MS

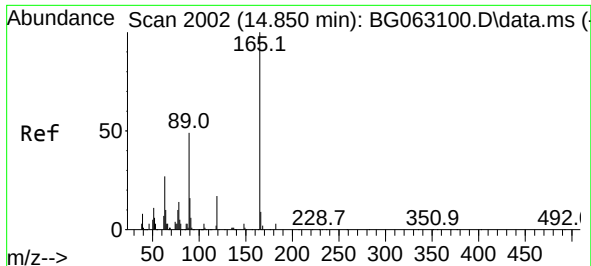
Tgt Ion:109 Resp: 137
Ion Ratio Lower Upper
109 100
139 0.0 66.8 100.2#
65 48.5 55.6 83.4#



#56
Dibenzofuran
Concen: 0.003 ng/ul
RT: 14.781 min Scan# 1990
Delta R.T. -0.105 min
Lab File: BG063112.D
Acq: 28 Sep 2024 17:44

Tgt Ion:168 Resp: 78
Ion Ratio Lower Upper
168 100
139 182.0 26.8 40.2#





#57

2,4-Dinitrotoluene

Concen: 0.037 ng/ul

RT: 14.839 min Scan# 2000

Delta R.T. -0.011 min

Lab File: BG063112.D

Acq: 28 Sep 2024 17:44

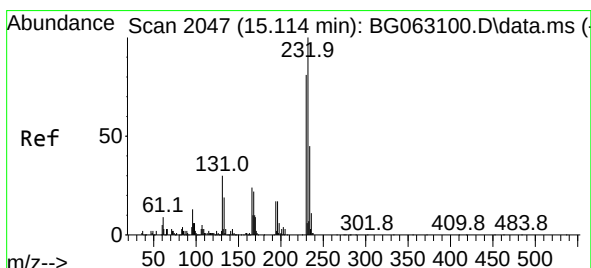
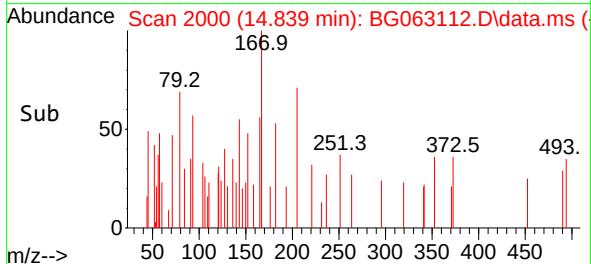
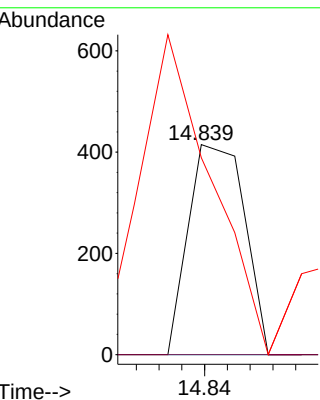
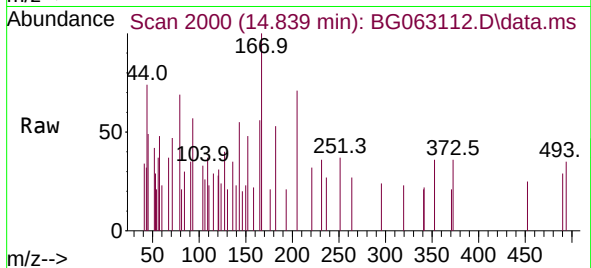
Instrument :

BNA_G

ClientSampleId :

DDCA5MS

Tgt Ion:165	Resp:	284
Ion Ratio	Lower	Upper
165	100	
63	0.0	25.0 37.4#
182	93.7	2.2 3.2#



#58

2,3,4,6-Tetrachlorophenol

Concen: 4.671 ng/ul

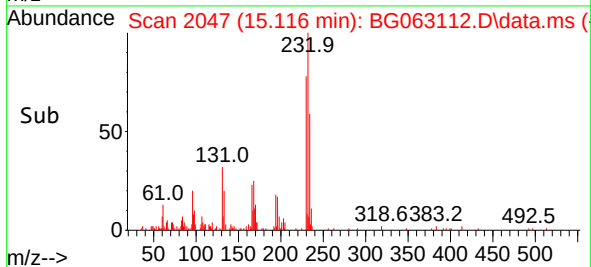
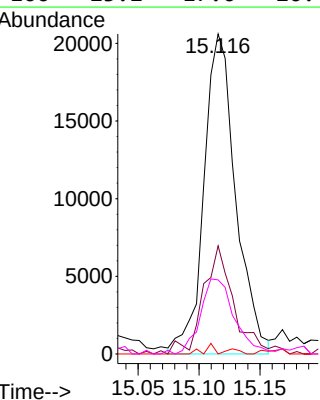
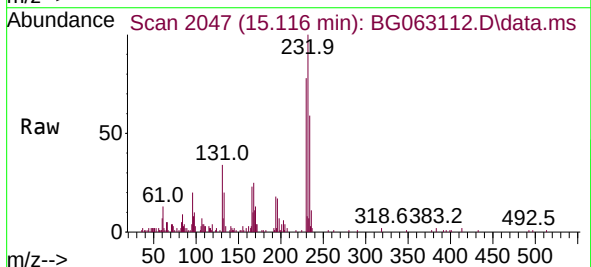
RT: 15.116 min Scan# 2047

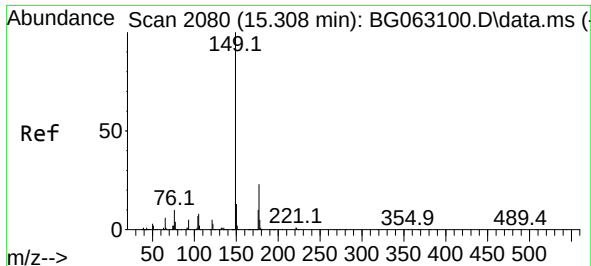
Delta R.T. 0.000 min

Lab File: BG063112.D

Acq: 28 Sep 2024 17:44

Tgt Ion:232	Resp:	37468
Ion Ratio	Lower	Upper
232	100	
131	33.8	25.8 38.6
130	0.0	1.9 2.9#
166	23.2	17.6 26.4

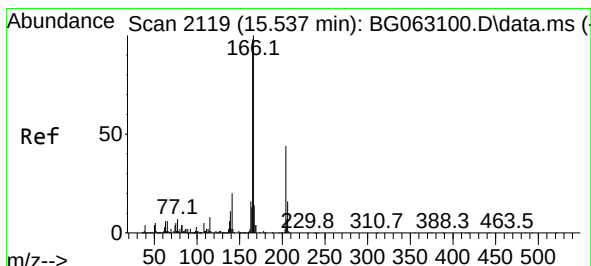
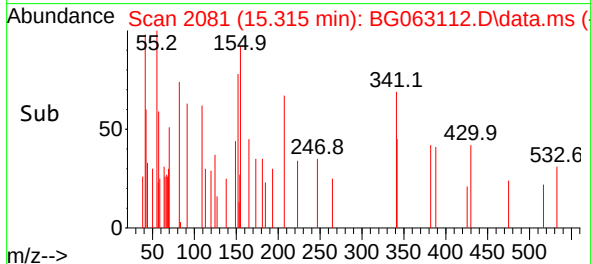
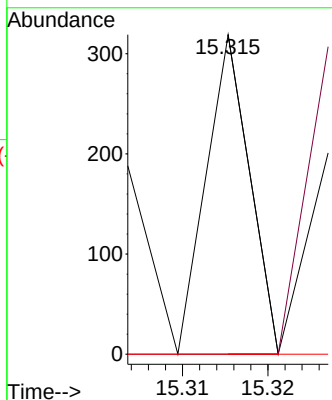
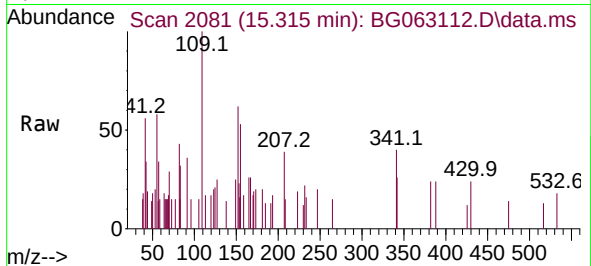




#59
Diethylphthalate
Concen: 0.005 ng/ul
RT: 15.315 min Scan# 2080
Delta R.T. 0.006 min
Lab File: BG063112.D
Acq: 28 Sep 2024 17:44

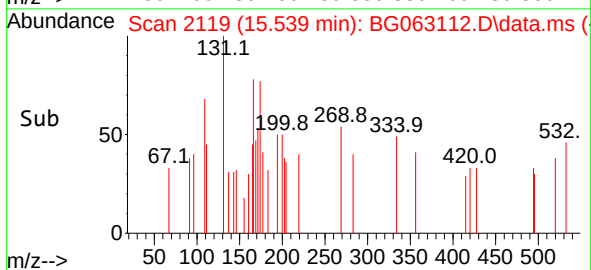
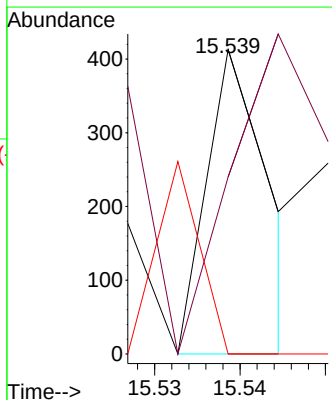
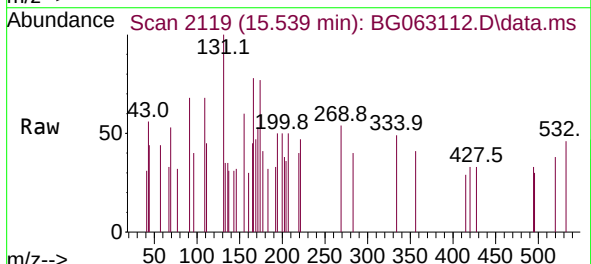
Instrument :
BNA_G
ClientSampleId :
DDCA5MS

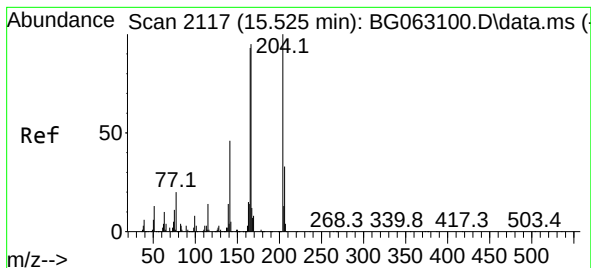
Tgt Ion:149 Resp: 112
Ion Ratio Lower Upper
149 100
177 0.0 20.9 31.3#
150 0.0 11.4 17.2#



#61
Fluorene
Concen: 0.009 ng/ul
RT: 15.539 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BG063112.D
Acq: 28 Sep 2024 17:44

Tgt Ion:166 Resp: 214
Ion Ratio Lower Upper
166 100
165 58.1 80.2 120.4#
167 0.0 9.5 14.3#

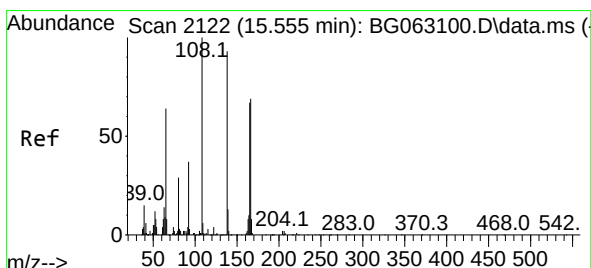
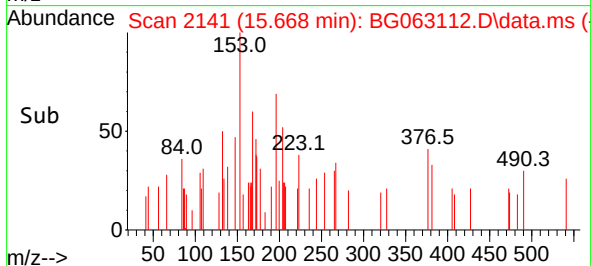
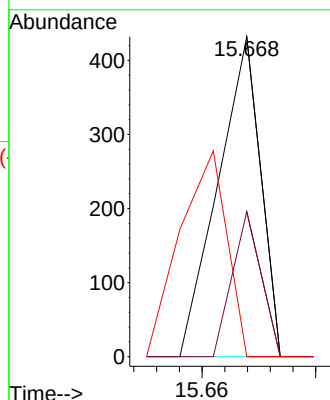
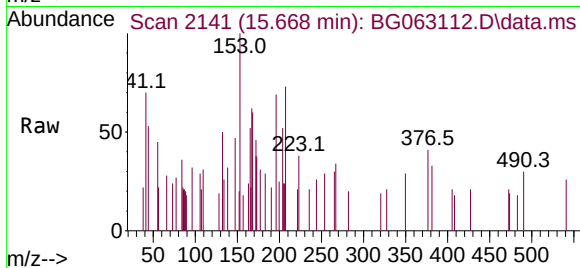




#62
4-Chlorophenyl-phenylether
Concen: 0.015 ng/ul
RT: 15.668 min Scan# 2117
Delta R.T. 0.136 min
Lab File: BG063112.D
Acq: 28 Sep 2024 17:44

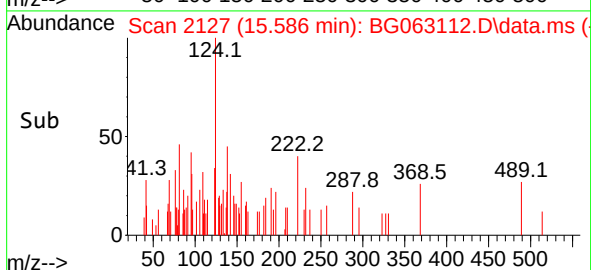
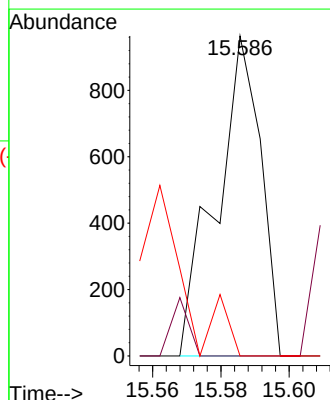
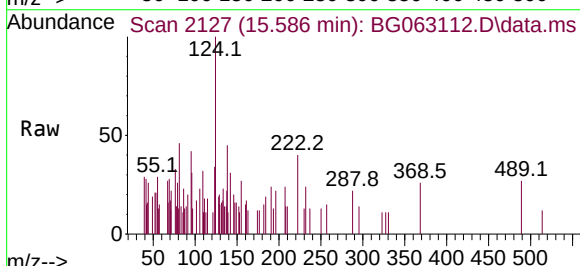
Instrument :
BNA_G
ClientSampleId :
DDCA5MS

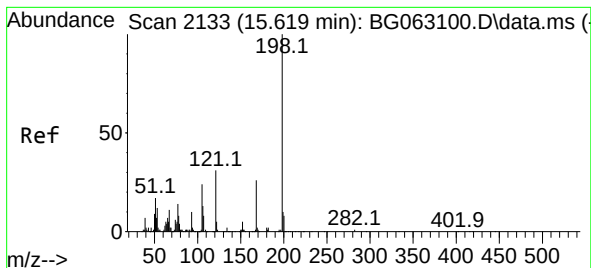
Tgt Ion:204 Resp: 224
Ion Ratio Lower Upper
204 100
206 45.4 27.0 40.6#
141 0.0 38.3 57.5#



#63
4-Nitroaniline
Concen: 0.198 ng/ul
RT: 15.586 min Scan# 2127
Delta R.T. 0.030 min
Lab File: BG063112.D
Acq: 28 Sep 2024 17:44

Tgt Ion:138 Resp: 869
Ion Ratio Lower Upper
138 100
92 0.0 33.5 50.3#
108 0.0 85.0 127.6#

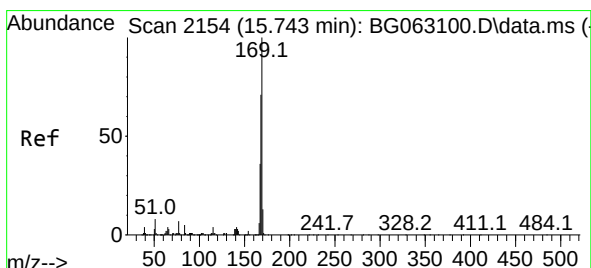
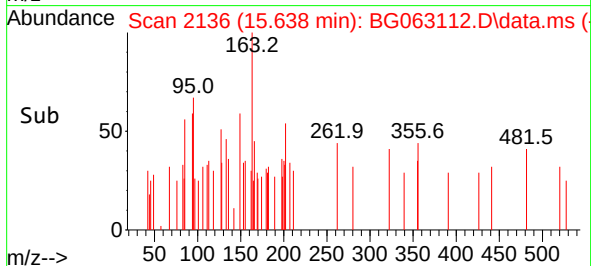
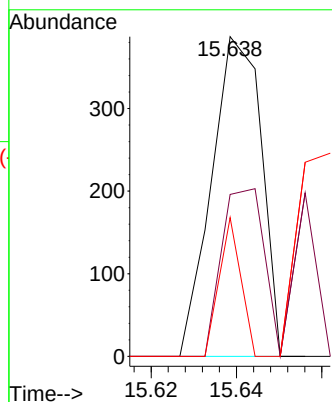
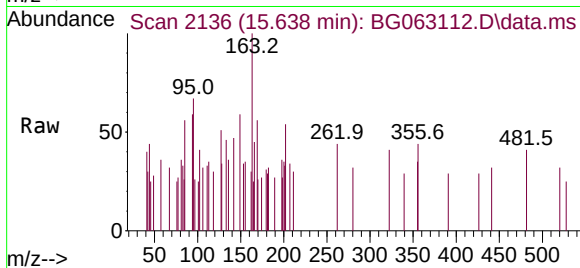




#66
 4,6-Dinitro-2-methylphenol
 Concen: 0.051 ng/ul
 RT: 15.638 min Scan# 2133
 Delta R.T. 0.024 min
 Lab File: BG063112.D
 Acq: 28 Sep 2024 17:44

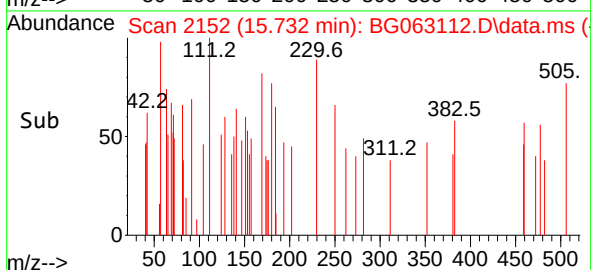
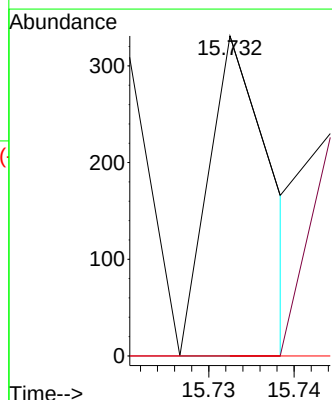
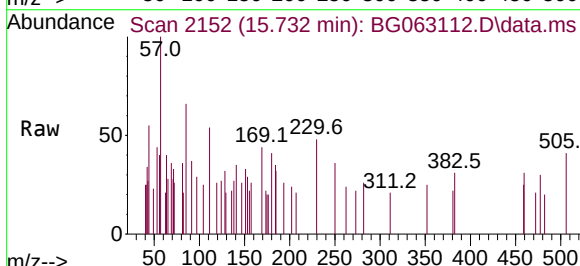
Instrument :
 BNA_G
 ClientSampleId :
 DDCA5MS

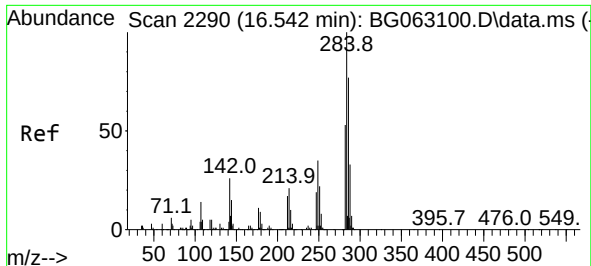
Tgt Ion:198 Resp: 313
 Ion Ratio Lower Upper
 198 100
 182 50.6 2.2 3.2#
 77 43.4 11.3 16.9#



#67
 N-Nitrosodiphenylamine
 Concen: 0.008 ng/ul
 RT: 15.732 min Scan# 2152
 Delta R.T. -0.011 min
 Lab File: BG063112.D
 Acq: 28 Sep 2024 17:44

Tgt Ion:169 Resp: 175
 Ion Ratio Lower Upper
 169 100
 168 0.0 55.8 83.8#
 167 0.0 28.6 42.8#

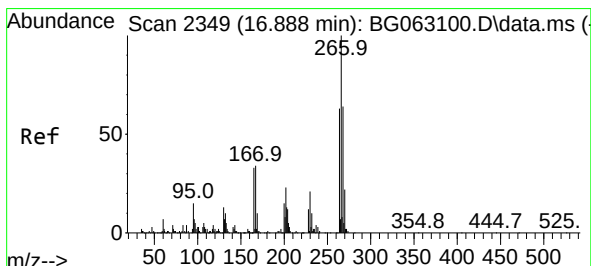
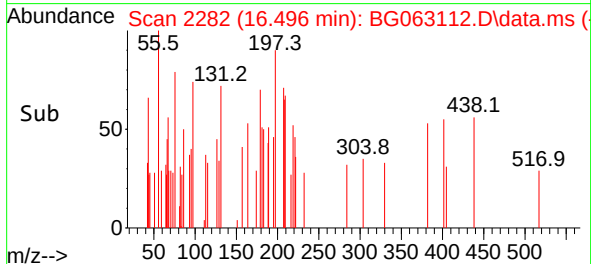
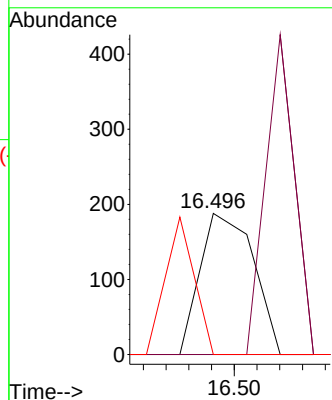
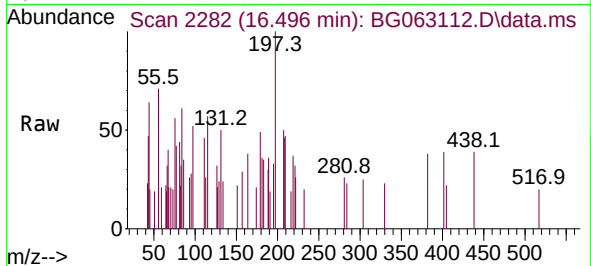




#69
Hexachlorobenzene
Concen: 0.011 ng/ul
RT: 16.496 min Scan# 21
Delta R.T. -0.047 min
Lab File: BG063112.D
Acq: 28 Sep 2024 17:44

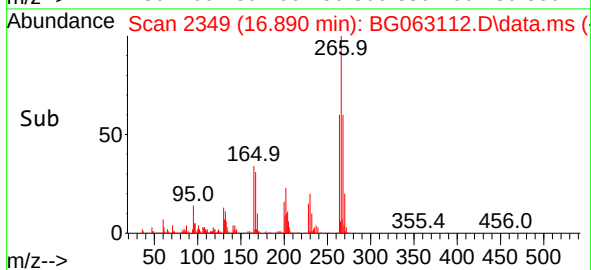
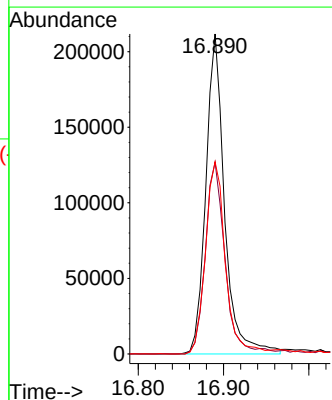
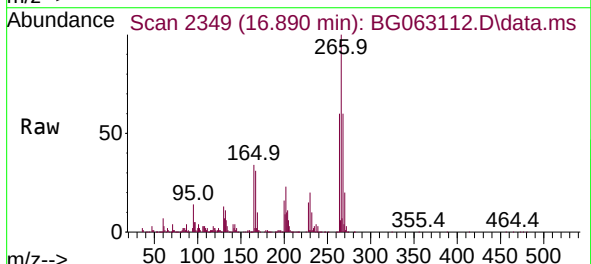
Instrument :
BNA_G
ClientSampleId :
DDCA5MS

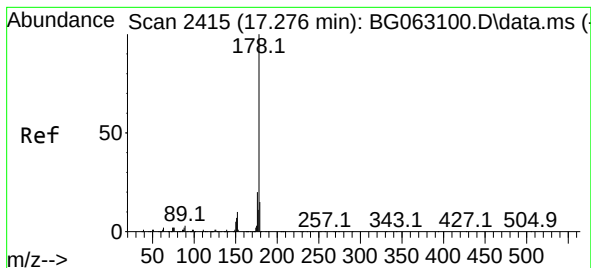
Tgt Ion:284 Resp: 123
Ion Ratio Lower Upper
284 100
142 0.0 19.0 28.4#
249 0.0 26.3 39.5#



#71
Pentachlorophenol
Concen: 45.622 ng/ul
RT: 16.890 min Scan# 2349
Delta R.T. 0.000 min
Lab File: BG063112.D
Acq: 28 Sep 2024 17:44

Tgt Ion:266 Resp: 322383
Ion Ratio Lower Upper
266 100
264 59.9 57.7 86.5
268 60.0 57.3 85.9





#72

Phenanthrene

Concen: 0.047 ng/u1

RT: 17.278 min Scan# 2415

Delta R.T. 0.000 min

Lab File: BG063112.D

Acq: 28 Sep 2024 17:44

Instrument :

BNA_G

ClientSampleId :

DDCA5MS

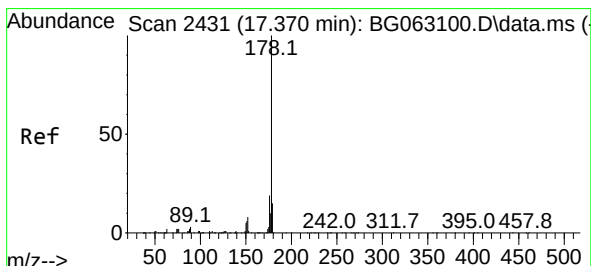
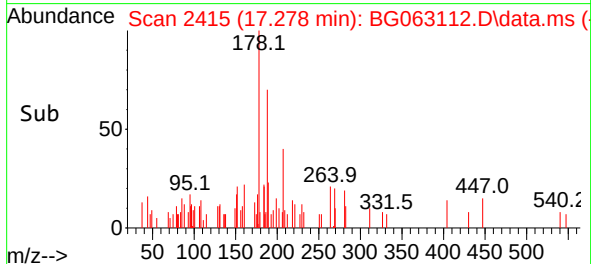
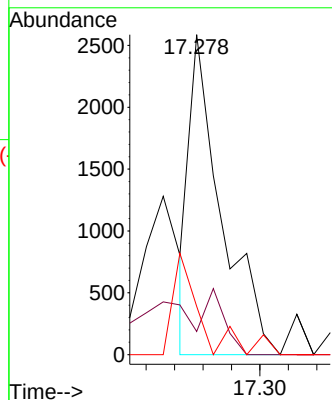
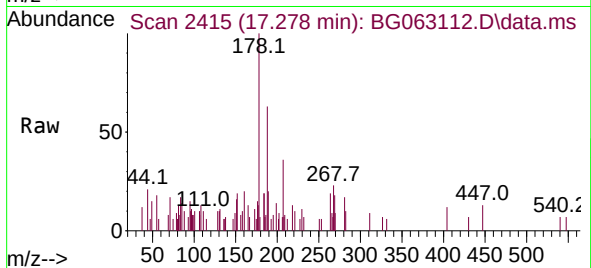
Tgt Ion:178 Resp: 2015

Ion Ratio Lower Upper

178 100

179 7.2 12.2 18.4#

176 15.1 14.9 22.3



#74

Anthracene

Concen: 0.003 ng/u1

RT: 17.372 min Scan# 2431

Delta R.T. 0.006 min

Lab File: BG063112.D

Acq: 28 Sep 2024 17:44

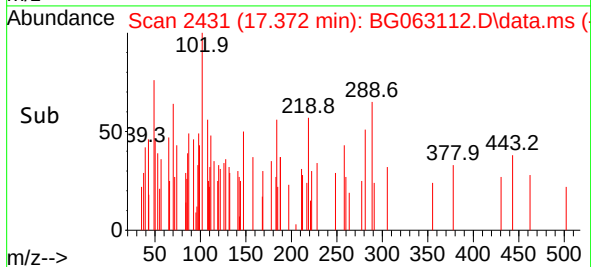
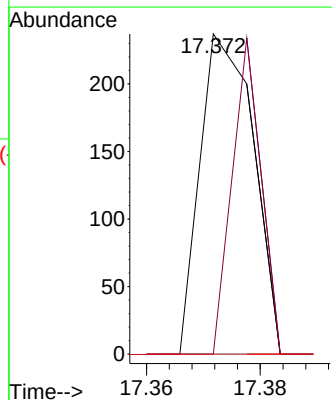
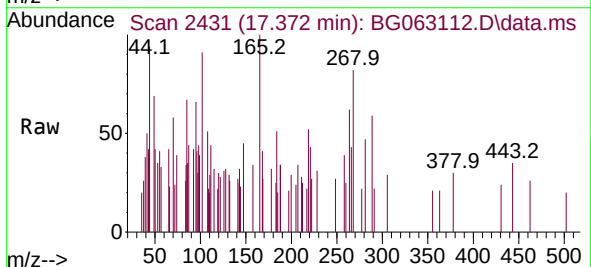
Tgt Ion:178 Resp: 154

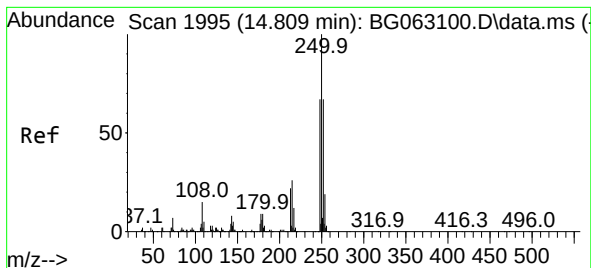
Ion Ratio Lower Upper

178 100

179 0.0 12.1 18.1#

176 0.0 14.1 21.1#

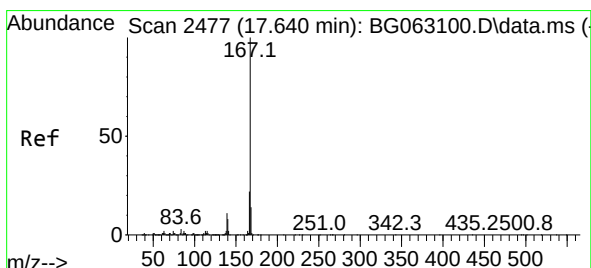
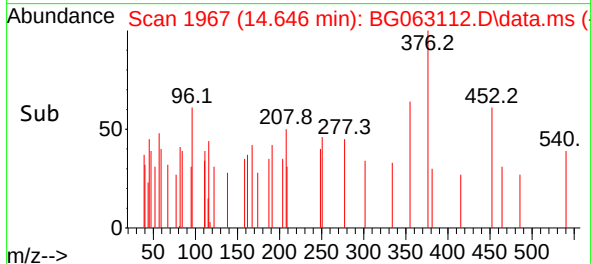
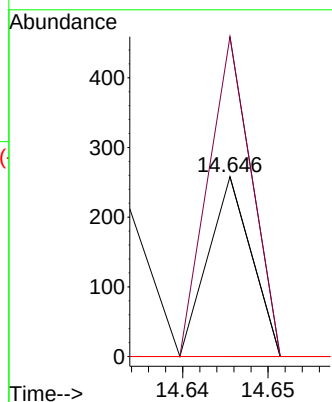
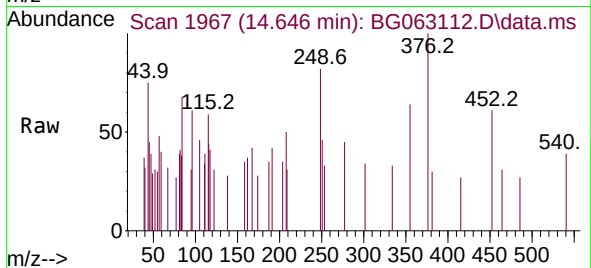




#76
Pentachlorobenzene
Concen: 0.007 ng/ul
RT: 14.646 min Scan# 1995
Delta R.T. -0.164 min
Lab File: BG063112.D
Acq: 28 Sep 2024 17:44

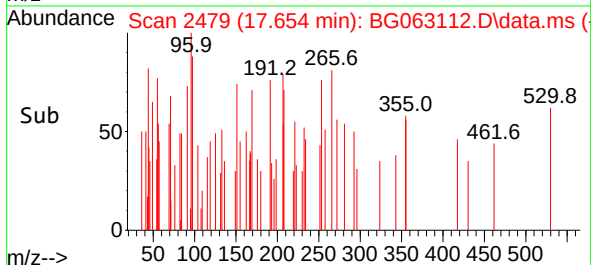
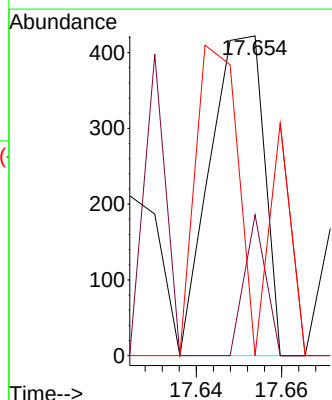
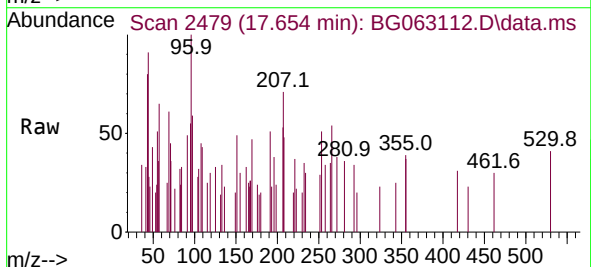
Instrument :
BNA_G
ClientSampleId :
DDCA5MS

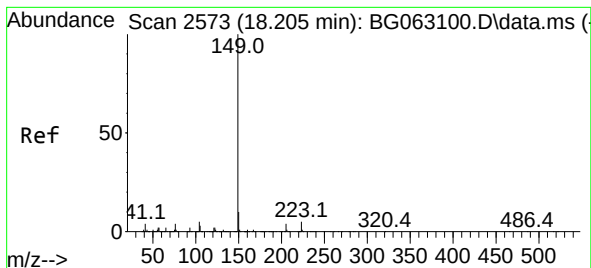
Tgt Ion:250 Resp: 91
Ion Ratio Lower Upper
250 100
248 177.9 52.7 79.1#
252 0.0 47.5 71.3#



#77
Carbazole
Concen: 0.011 ng/ul
RT: 17.654 min Scan# 2479
Delta R.T. 0.012 min
Lab File: BG063112.D
Acq: 28 Sep 2024 17:44

Tgt Ion:167 Resp: 372
Ion Ratio Lower Upper
167 100
166 44.1 18.5 27.7#
139 0.0 9.7 14.5#





#78

Di-n-butylphthalate

Concen: 0.027 ng/ul

RT: 18.200 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG063112.D

Acq: 28 Sep 2024 17:44

Instrument :

BNA_G

ClientSampleId :

DDCA5MS

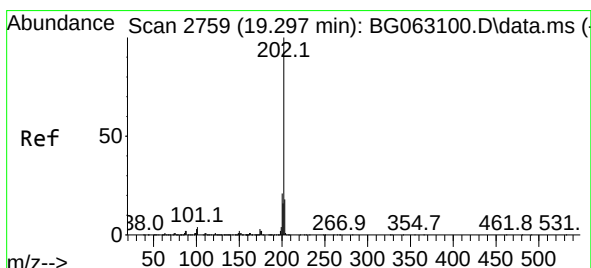
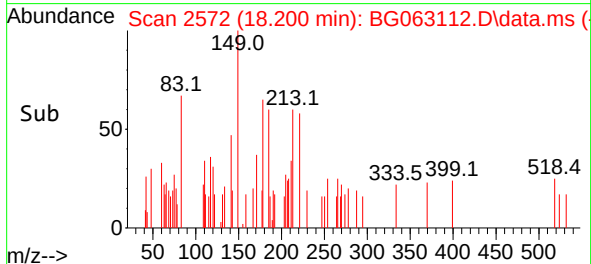
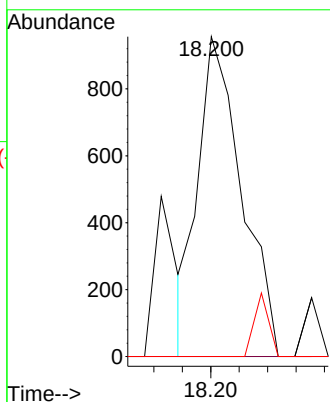
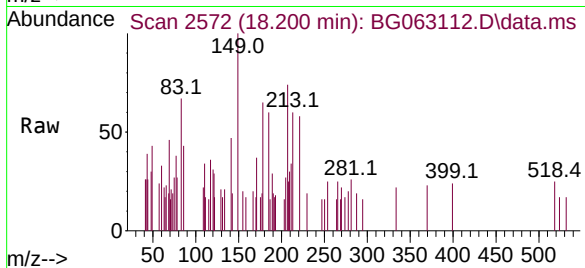
Tgt Ion:149 Resp: 1018

Ion Ratio Lower Upper

149 100

150 0.0 7.1 10.7#

104 0.0 4.3 6.5#



#80

Fluoranthene

Concen: 0.001 ng/ul

RT: 19.252 min Scan# 2751

Delta R.T. -0.041 min

Lab File: BG063112.D

Acq: 28 Sep 2024 17:44

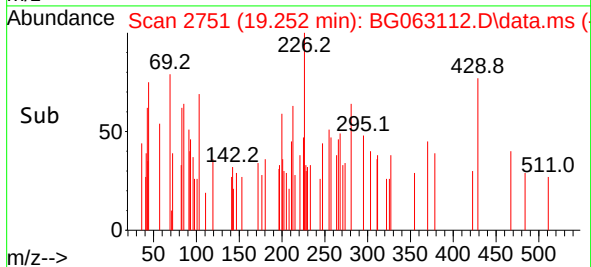
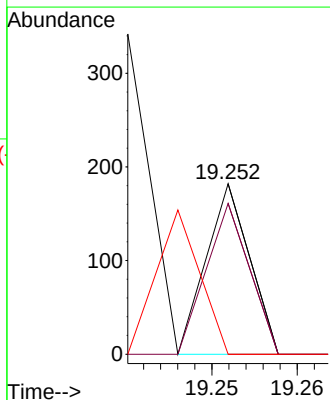
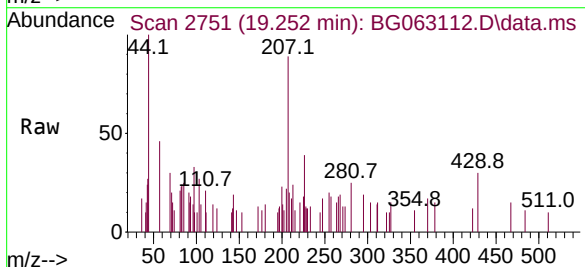
Tgt Ion:202 Resp: 64

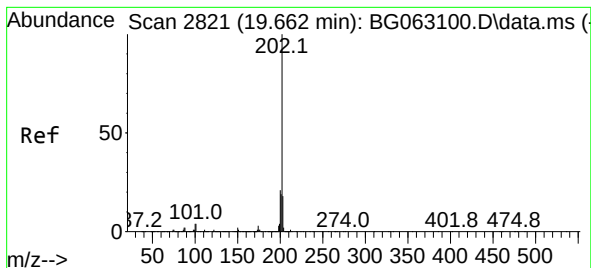
Ion Ratio Lower Upper

202 100

101 88.5 2.7 4.1#

100 88.5 1.9 2.9#





#82

Pyrene

Concen: 0.010 ng/ul

RT: 19.663 min Scan# 2821

Delta R.T. 0.006 min

Lab File: BG063112.D

Acq: 28 Sep 2024 17:44

Instrument :

BNA_G

ClientSampleId :

DDCA5MS

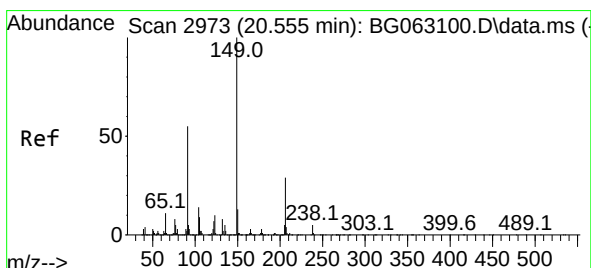
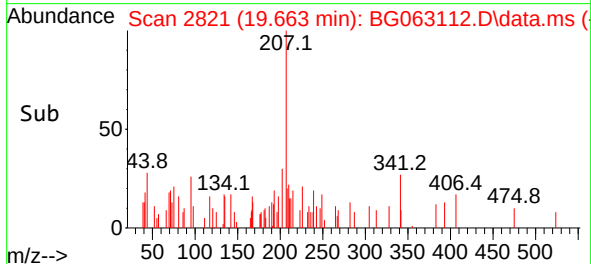
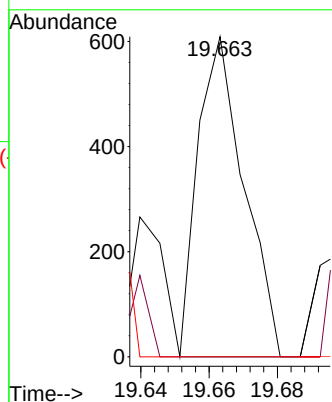
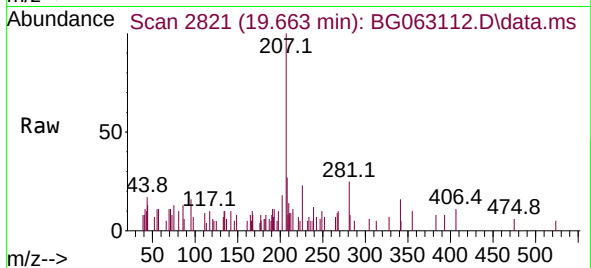
Tgt Ion:202 Resp: 572

Ion Ratio Lower Upper

202 100

101 0.0 3.1 4.7#

100 0.0 2.4 3.6#



#83

Butylbenzylphthalate

Concen: 0.024 ng/ul

RT: 20.556 min Scan# 2973

Delta R.T. 0.000 min

Lab File: BG063112.D

Acq: 28 Sep 2024 17:44

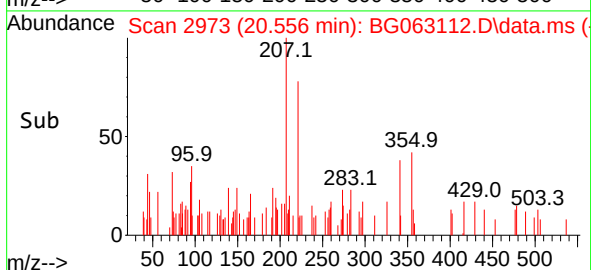
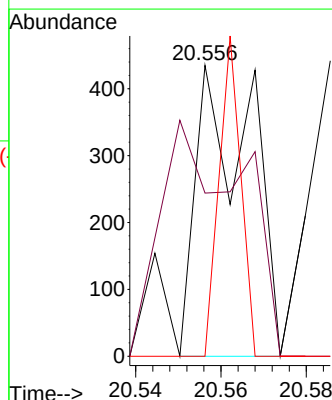
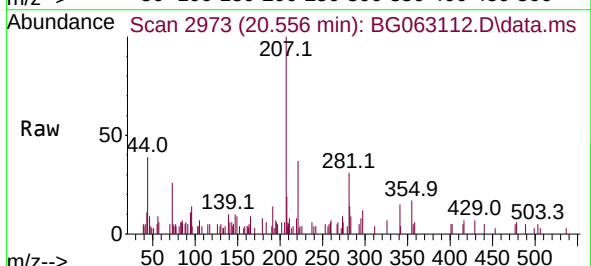
Tgt Ion:149 Resp: 384

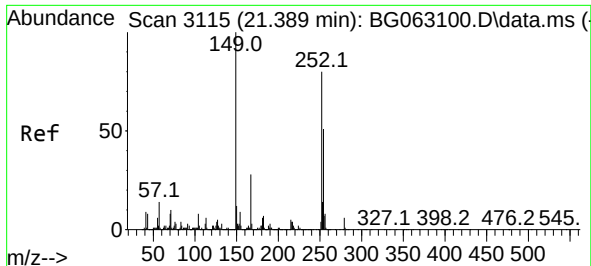
Ion Ratio Lower Upper

149 100

91 56.1 42.2 63.2

206 0.0 24.4 36.6#

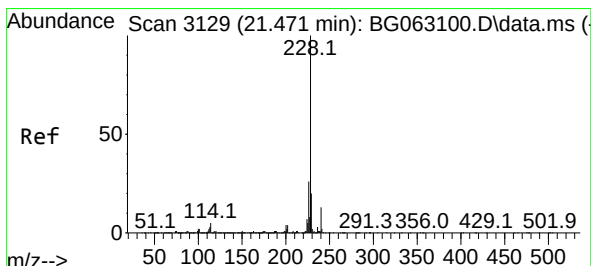
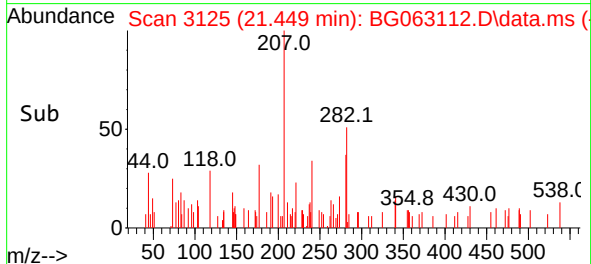
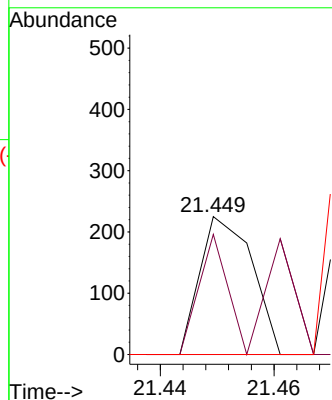
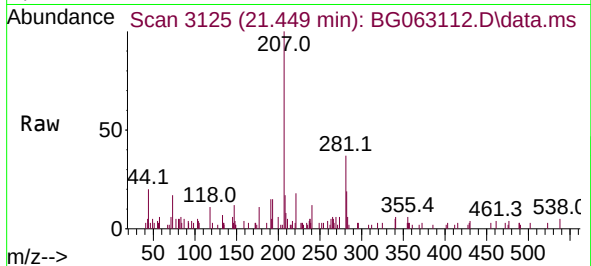




#84
3,3'-Dichlorobenzidine
Concen: 0.007 ng/ul
RT: 21.449 min Scan# 3115
Delta R.T. 0.059 min
Lab File: BG063112.D
Acq: 28 Sep 2024 17:44

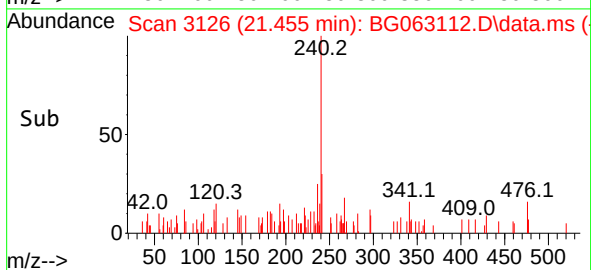
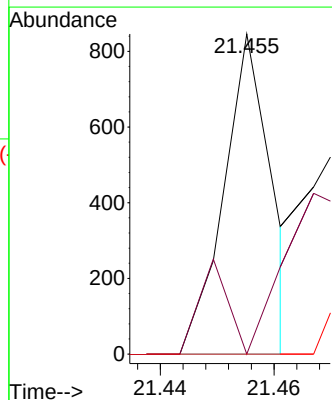
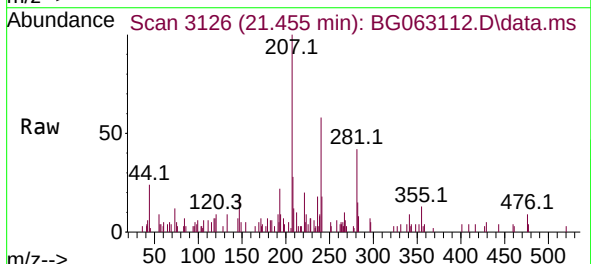
Instrument :
BNA_G
ClientSampleId :
DDCA5MS

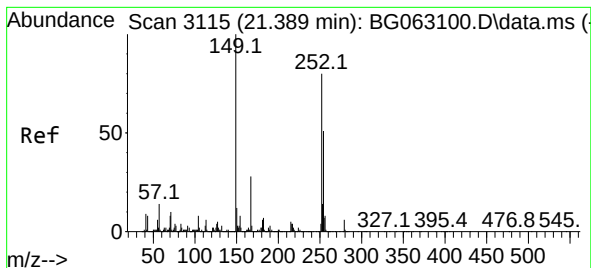
Tgt Ion:252 Resp: 143
Ion Ratio Lower Upper
252 100
254 87.1 49.3 73.9#
126 0.0 3.7 5.5#



#85
Benzo(a)anthracene
Concen: 0.008 ng/ul
RT: 21.455 min Scan# 3126
Delta R.T. -0.011 min
Lab File: BG063112.D
Acq: 28 Sep 2024 17:44

Tgt Ion:228 Resp: 504
Ion Ratio Lower Upper
228 100
229 0.0 15.5 23.3#
226 0.0 22.6 34.0#

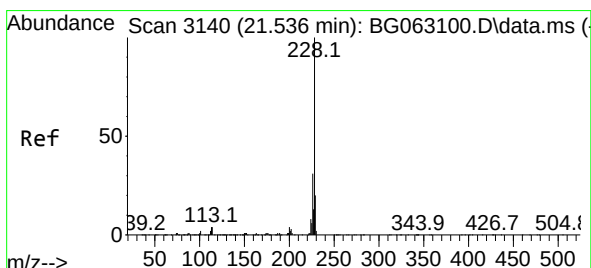
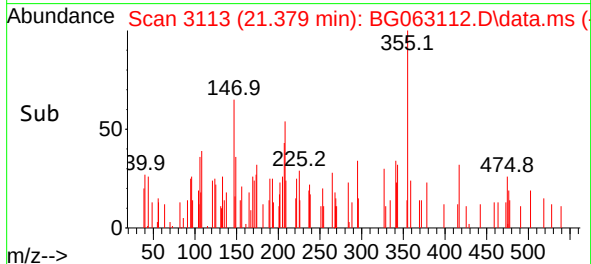
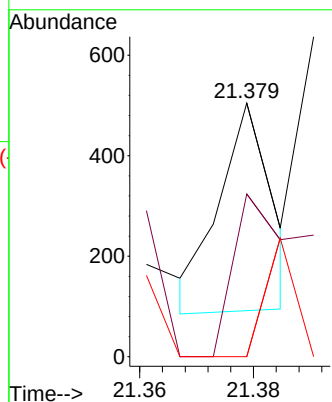
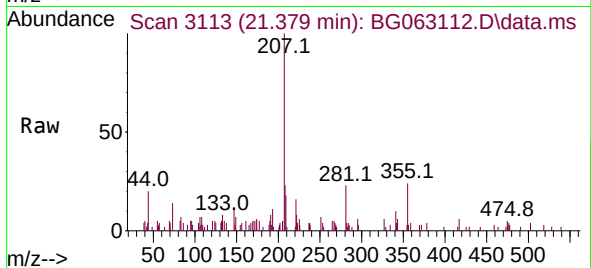




#86
Bis(2-ethylhexyl)phthalate
Concen: 0.012 ng/ul
RT: 21.379 min Scan# 3113
Delta R.T. -0.005 min
Lab File: BG063112.D
Acq: 28 Sep 2024 17:44

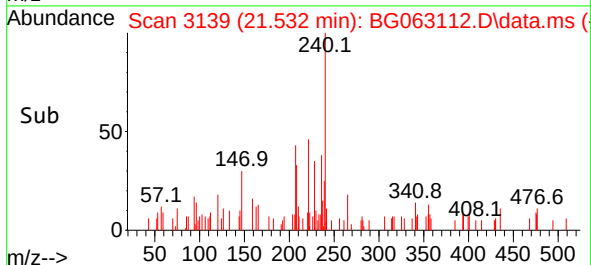
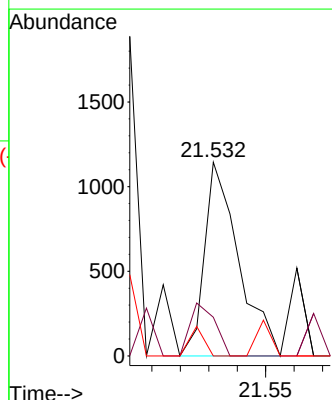
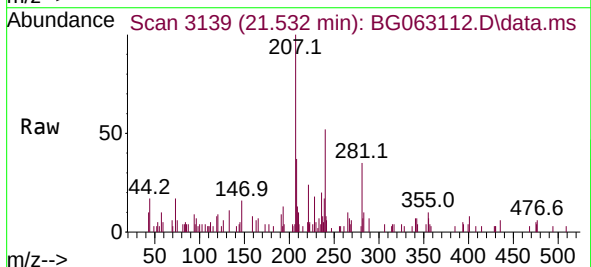
Instrument :
BNA_G
ClientSampleId :
DDCA5MS

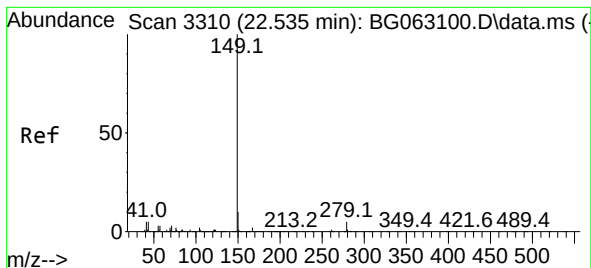
Tgt Ion:149 Resp: 266
Ion Ratio Lower Upper
149 100
167 64.2 20.8 31.2#
279 0.0 4.4 6.6#



#87
Chrysene
Concen: 0.017 ng/ul
RT: 21.532 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BG063112.D
Acq: 28 Sep 2024 17:44

Tgt Ion:228 Resp: 957
Ion Ratio Lower Upper
228 100
226 19.9 23.9 35.9#
229 27.4 15.9 23.9#





#89

Di-n-octyl phthalate

Concen: 0.024 ng/u1

RT: 22.536 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG063112.D

Acq: 28 Sep 2024 17:44

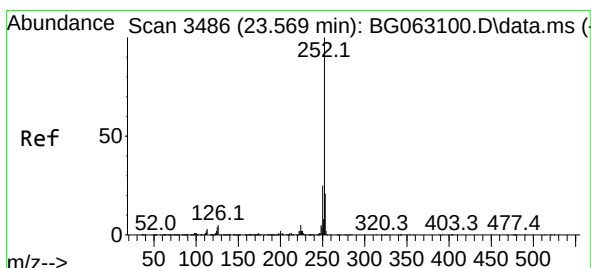
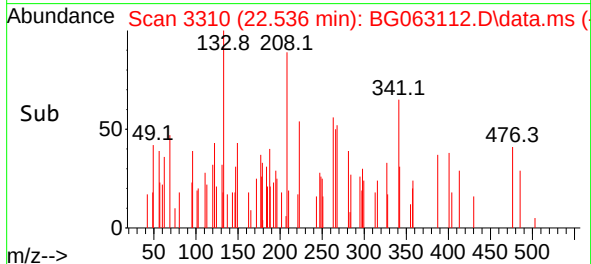
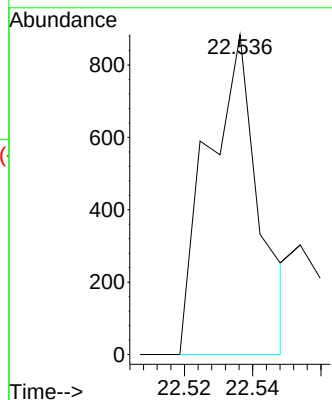
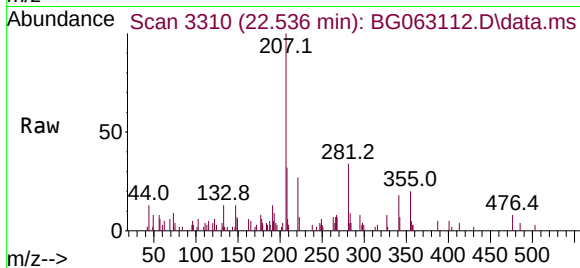
Instrument :

BNA_G

ClientSampleId :

DDCA5MS

Tgt Ion:149 Resp: 921



#90

Benzo(b)fluoranthene

Concen: 0.007 ng/u1

RT: 23.570 min Scan# 3486

Delta R.T. 0.006 min

Lab File: BG063112.D

Acq: 28 Sep 2024 17:44

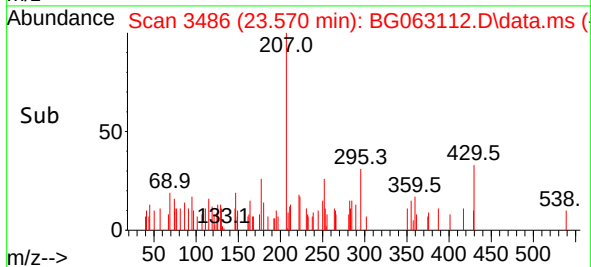
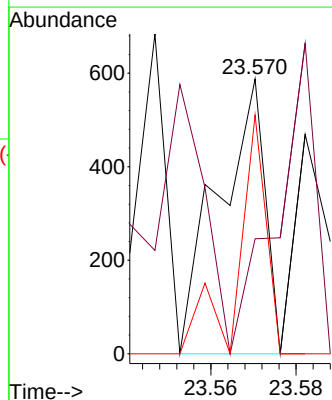
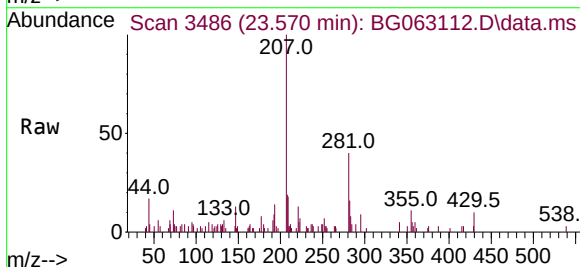
Tgt Ion:252 Resp: 447

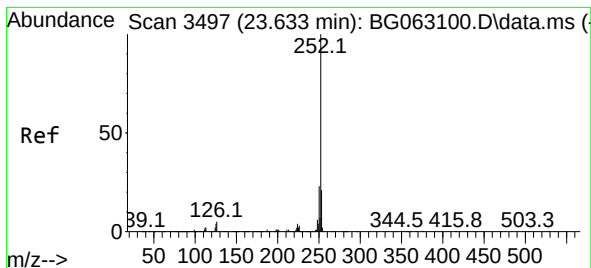
Ion Ratio Lower Upper

252 100

253 41.8 17.9 26.9#

125 86.9 2.7 4.1#





#91

Benzo(k)fluoranthene

Concen: 0.007 ng/ul

RT: 23.611 min Scan# 3493

Delta R.T. -0.017 min

Lab File: BG063112.D

Acq: 28 Sep 2024 17:44

Instrument :

BNA_G

ClientSampleId :

DDCA5MS

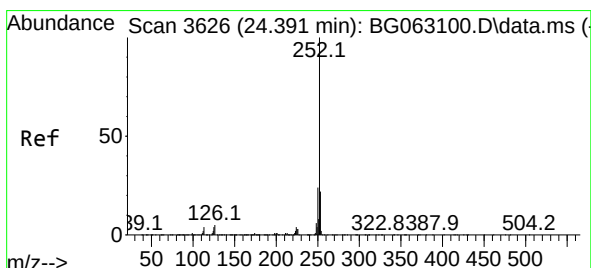
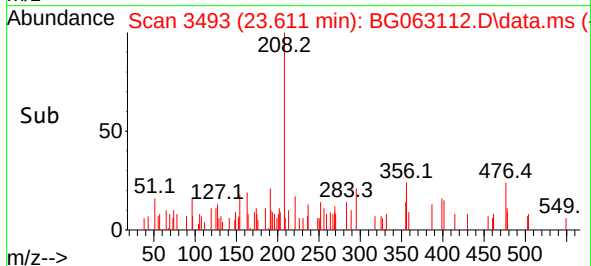
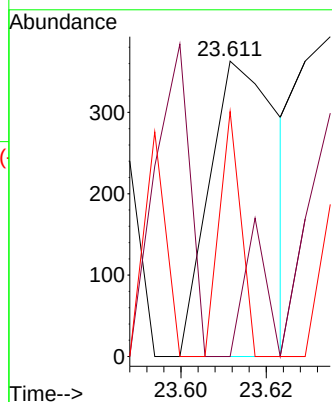
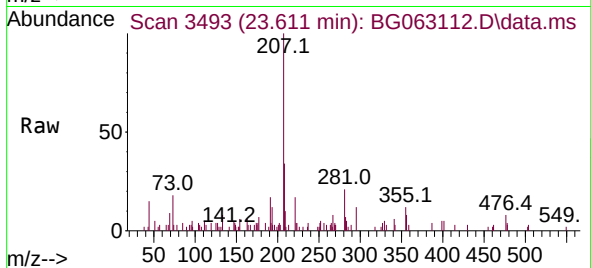
Tgt Ion:252 Resp: 414

Ion Ratio Lower Upper

252 100

253 0.0 17.7 26.5#

125 82.9 2.6 3.8#



#93

Benzo(a)pyrene

Concen: 0.010 ng/ul

RT: 24.387 min Scan# 3625

Delta R.T. 0.006 min

Lab File: BG063112.D

Acq: 28 Sep 2024 17:44

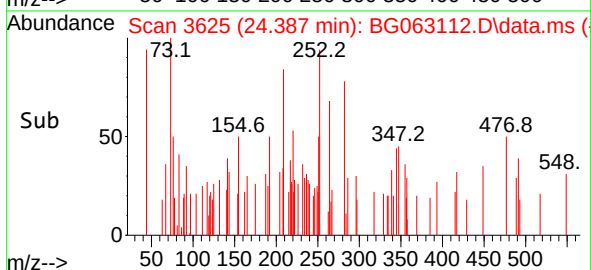
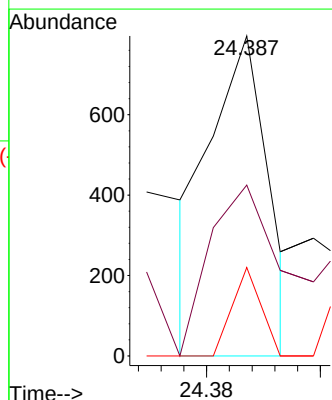
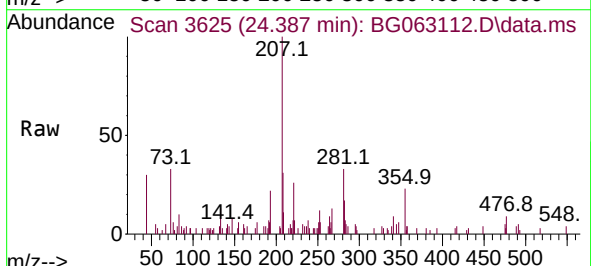
Tgt Ion:252 Resp: 565

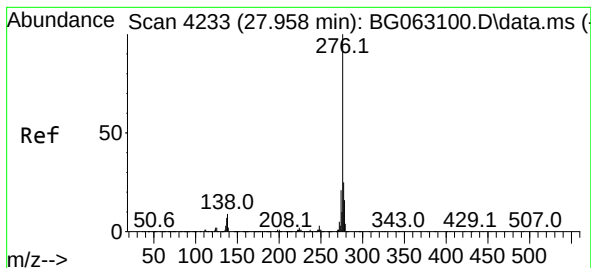
Ion Ratio Lower Upper

252 100

253 53.4 16.7 25.1#

125 27.6 2.6 3.8#





#94

Indeno(1,2,3-cd)pyrene

Concen: 0.005 ng/ul

RT: 27.953 min Scan# 41

Delta R.T. 0.012 min

Lab File: BG063112.D

Acq: 28 Sep 2024 17:44

Instrument :

BNA_G

ClientSampleId :

DDCA5MS

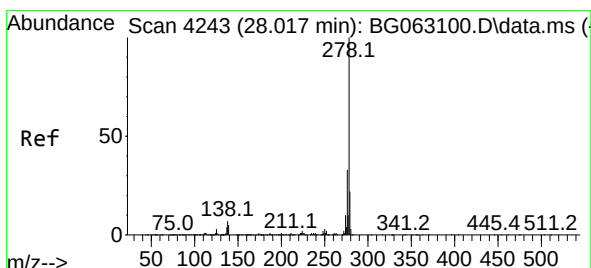
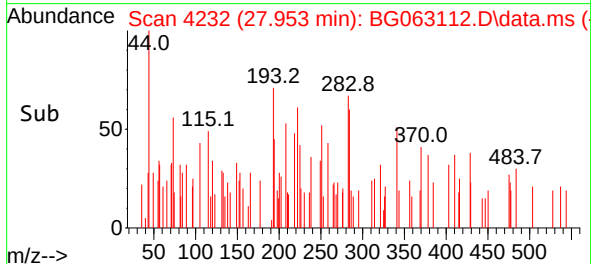
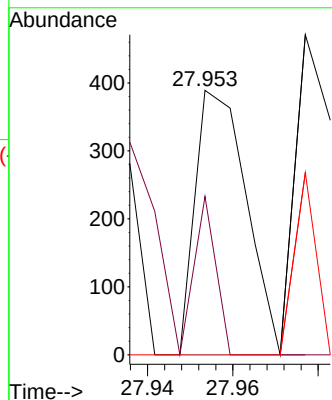
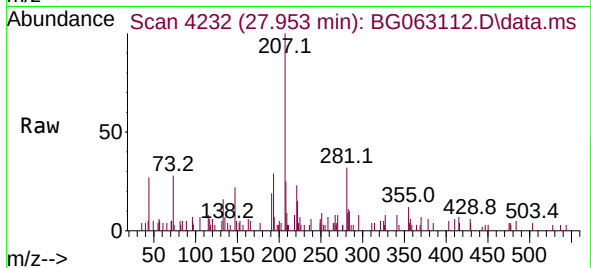
Tgt Ion:276 Resp: 323

Ion Ratio Lower Upper

276 100

138 59.9 5.7 8.5#

277 0.0 16.9 25.3#



#95

Dibenzo(a,h)anthracene

Concen: 0.006 ng/ul

RT: 27.989 min Scan# 4238

Delta R.T. -0.011 min

Lab File: BG063112.D

Acq: 28 Sep 2024 17:44

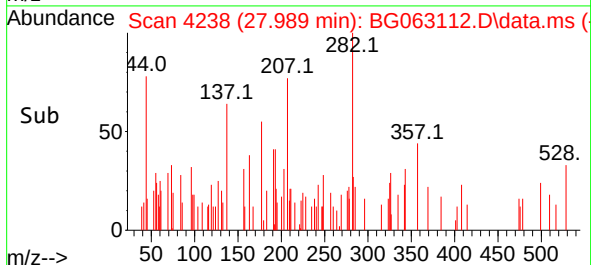
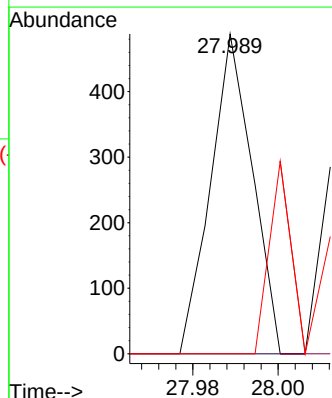
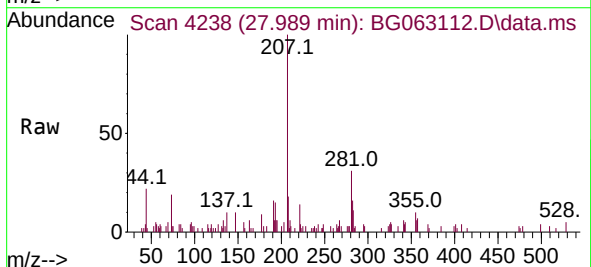
Tgt Ion:278 Resp: 332

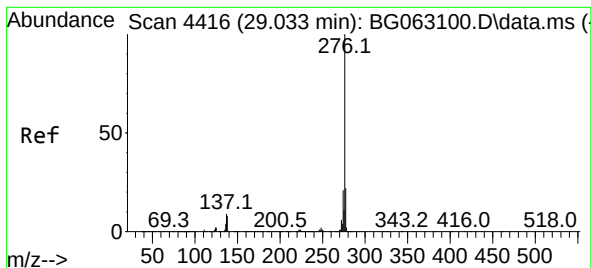
Ion Ratio Lower Upper

278 100

139 0.0 4.5 6.7#

279 0.0 18.6 28.0#





#96

Benzo(g,h,i)perylene

Concen: 0.004 ng/ul

RT: 29.023 min Scan# 4416

Delta R.T. 0.006 min

Lab File: BG063112.D

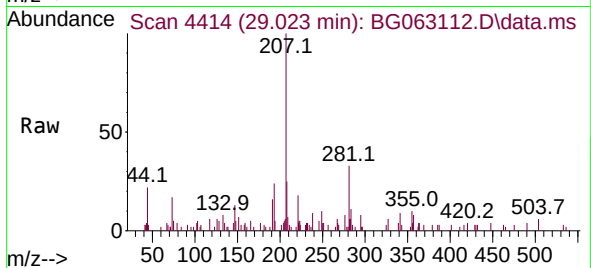
Acq: 28 Sep 2024 17:44

Instrument :

BNA_G

ClientSampleId :

DDCA5MS



Tgt Ion:276 Resp: 208

Ion Ratio Lower Upper

276 100

138 29.6 5.6 8.4#

277 0.0 19.2 28.8#

