

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
 Data File : BG058664.D
 Acq On : 9 Aug 2023 18:40
 Operator : MA/JU
 Sample : 03939-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ORA-1745-1746-1747MS

Quant Time: Aug 10 02:54:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	43778	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	189945	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	139885	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	338640	20.000	ng	0.00
76) Chrysene-d12	21.448	240	295702	20.000	ng	0.00
86) Perylene-d12	24.521	264	373524	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	299741	104.651	ng	0.00
7) Phenol-d6	6.988	99	427292	107.212	ng	0.00
23) Nitrobenzene-d5	8.980	82	249629	64.561	ng	0.00
42) 2,4,6-Tribromophenol	15.954	330	216895	94.598	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	543196	58.193	ng	0.00
79) Terphenyl-d14	19.826	244	973064	61.882	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.263	88	52936	38.141	ng	100
3) Pyridine	3.663	79	132085	34.907	ng	95
4) n-Nitrosodimethylamine	3.581	42	71548	44.627	ng	91
6) Aniline	7.135	93	108174	22.045	ng	99
8) 2-Chlorophenol	7.376	128	145919	51.931	ng	98
9) Benzaldehyde	6.953	77	73377	33.887	ng	100
10) Phenol	7.012	94	204194	52.449	ng	98
11) bis(2-Chloroethyl)ether	7.235	93	134948	43.968	ng	95
12) 1,3-Dichlorobenzene	7.699	146	138479	46.153	ng	99
13) 1,4-Dichlorobenzene	7.846	146	140097	46.503	ng	95
14) 1,2-Dichlorobenzene	8.163	146	135254	46.958	ng	97
15) Benzyl Alcohol	8.052	79	140894	55.745	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.346	45	238814	47.900	ng	98
17) 2-Methylphenol	8.263	107	139501	49.006	ng	99
18) Hexachloroethane	8.886	117	50222	45.864	ng	93
19) n-Nitroso-di-n-propyla...	8.616	70	116934	45.423	ng	98
20) 3+4-Methylphenols	8.592	107	192946	50.110	ng	97
22) Acetophenone	8.633	105	228904	45.007	ng	# 98
24) Nitrobenzene	9.021	77	172990	44.008	ng	96
25) Isophorone	9.538	82	344266	43.093	ng	99
26) 2-Nitrophenol	9.732	139	77651	45.381	ng	97
27) 2,4-Dimethylphenol	9.791	122	133565	47.059	ng	98
28) bis(2-Chloroethoxy)met...	10.026	93	197256	45.371	ng	98
29) 2,4-Dichlorophenol	10.267	162	148323	50.331	ng	99
30) 1,2,4-Trichlorobenzene	10.478	180	152815	44.965	ng	98
31) Naphthalene	10.666	128	435798	43.531	ng	100
32) Benzoic acid	9.955	122	86590	40.727	ng	98
33) 4-Chloroaniline	10.784	127	67739	16.015	ng	99
34) Hexachlorobutadiene	10.943	225	93221	42.593	ng	97
35) Caprolactam	11.565	113	37179	34.165	ng	# 80
36) 4-Chloro-3-methylphenol	11.912	107	180121	49.410	ng	95
37) 2-Methylnaphthalene	12.276	142	308220	43.040	ng	99
38) 1-Methylnaphthalene	12.500	142	297731	43.737	ng	98
40) 1,2,4,5-Tetrachloroben...	12.646	216	181145	42.180	ng	99
41) Hexachlorocyclopentadiene	12.623	237	146389	73.951	ng	99
43) 2,4,6-Trichlorophenol	12.893	196	133709	45.265	ng	96

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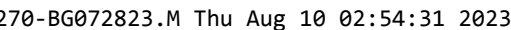
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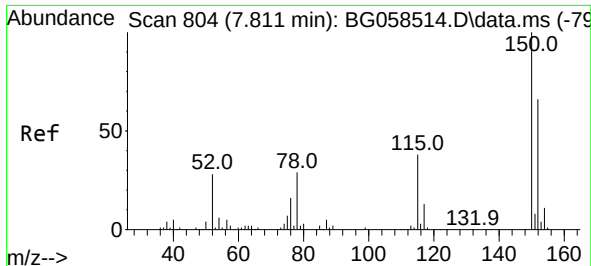
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	145150	41.719	ng	98
46) 1,1'-Biphenyl	13.293	154	412454	42.934	ng	99
47) 2-Chloronaphthalene	13.334	162	332249	44.357	ng	99
48) 2-Nitroaniline	13.545	65	129512	45.300	ng	99
49) Acenaphthylene	14.180	152	555910	44.329	ng	100
50) Dimethylphthalate	13.921	163	448808	42.720	ng	99
51) 2,6-Dinitrotoluene	14.045	165	99356	43.102	ng	96
52) Acenaphthene	14.527	154	312220	43.088	ng	98
53) 3-Nitroaniline	14.374	138	51831	22.474	ng	93
54) 2,4-Dinitrophenol	14.585	184	81112	64.065	ng	98
55) Dibenzofuran	14.861	168	534658	42.940	ng	99
56) 4-Nitrophenol	14.697	139	151543	88.316	ng	98
57) 2,4-Dinitrotoluene	14.832	165	142589	44.618	ng	94
58) Fluorene	15.508	166	432209	43.696	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.091	232	133465	44.955	ng	99
60) Diethylphthalate	15.279	149	459897	42.970	ng	99
61) 4-Chlorophenyl-phenyle...	15.502	204	237337	43.038	ng	97
62) 4-Nitroaniline	15.543	138	99767	45.665	ng	96
63) Azobenzene	15.796	77	456161	43.272	ng	99
65) 4,6-Dinitro-2-methylph...	15.602	198	79922	42.803	ng	96
66) n-Nitrosodiphenylamine	15.719	169	382509	43.399	ng	99
67) 4-Bromophenyl-phenylether	16.395	248	164108	42.726	ng	97
68) Hexachlorobenzene	16.512	284	185096	45.478	ng	100
69) Atrazine	16.665	200	157253	52.852	ng	99
70) Pentachlorophenol	16.859	266	173356	70.370	ng	98
71) Phenanthrene	17.247	178	698817	43.513	ng	99
72) Anthracene	17.341	178	708062	42.968	ng	100
73) Carbazole	17.611	167	659888	45.411	ng	100
74) Di-n-butylphthalate	18.163	149	813749	44.709	ng	100
75) Fluoranthene	19.262	202	838164	43.448	ng	100
77) Benzidine	19.450	184	214874	47.920	ng	98
78) Pyrene	19.626	202	870510	43.257	ng	99
80) Butylbenzylphthalate	20.514	149	357651	43.267	ng	99
81) Benzo(a)anthracene	21.430	228	889004	43.686	ng	100
82) 3,3'-Dichlorobenzidine	21.354	252	178957	26.009	ng	99
83) Chrysene	21.495	228	816108	41.827	ng	100
84) Bis(2-ethylhexyl)phtha...	21.330	149	529930	43.870	ng	99
85) Di-n-octyl phthalate	22.482	149	935895	44.068	ng	99
87) Indeno(1,2,3-cd)pyrene	28.017	276	1097047	44.148	ng	98
88) Benzo(b)fluoranthene	23.545	252	939436	46.371	ng	100
89) Benzo(k)fluoranthene	23.610	252	887026	43.584	ng	99
90) Benzo(a)pyrene	24.380	252	835575	41.998	ng	100
91) Dibenzo(a,h)anthracene	28.075	278	903992	43.996	ng	99
92) Benzo(g,h,i)perylene	29.109	276	865199	41.993	ng	99

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

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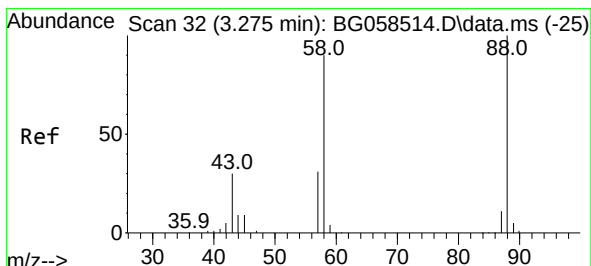
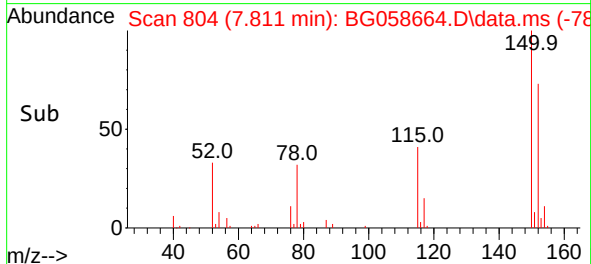
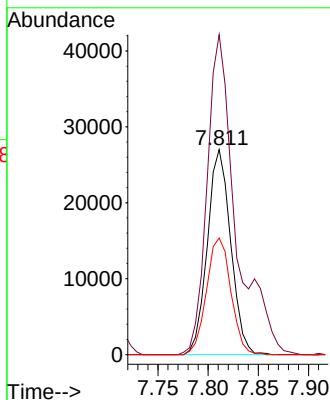
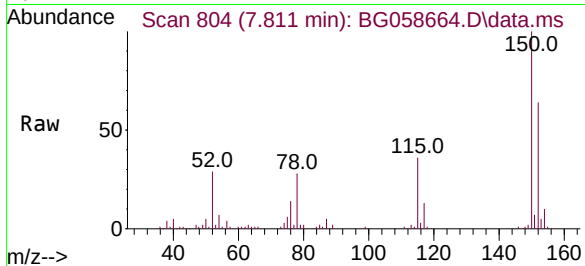




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 80
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

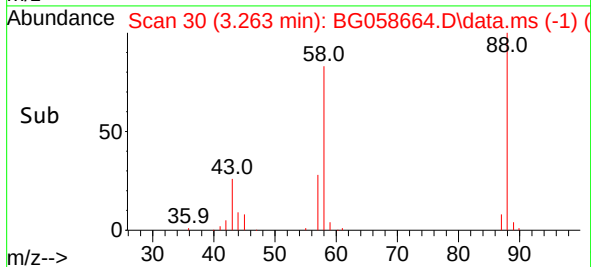
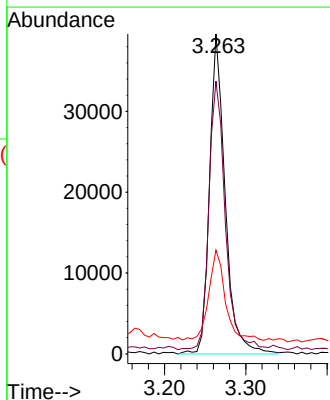
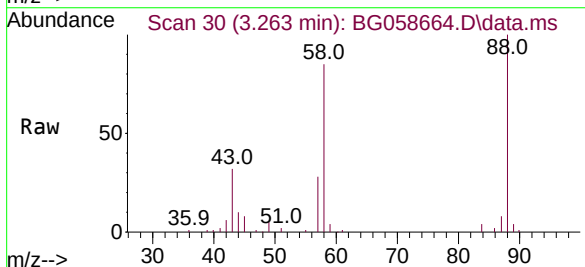
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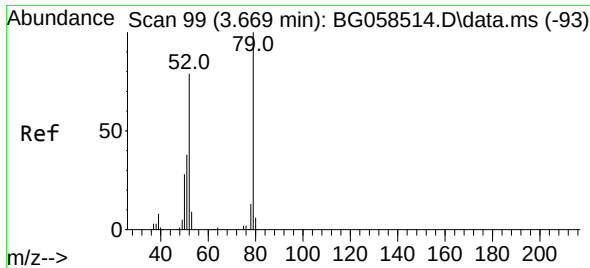
Tgt Ion:152 Resp: 43778
Ion Ratio Lower Upper
152 100
150 156.1 120.5 180.7
115 56.8 45.9 68.9



#2
1,4-Dioxane
Concen: 38.141 ng
RT: 3.263 min Scan# 30
Delta R.T. -0.012 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

Tgt Ion: 88 Resp: 52936
Ion Ratio Lower Upper
88 100
58 86.2 68.9 103.3
43 29.4 22.9 34.3





#3

Pyridine

Concen: 34.907 ng

RT: 3.663 min Scan# 98

Delta R.T. -0.006 min

Lab File: BG058664.D

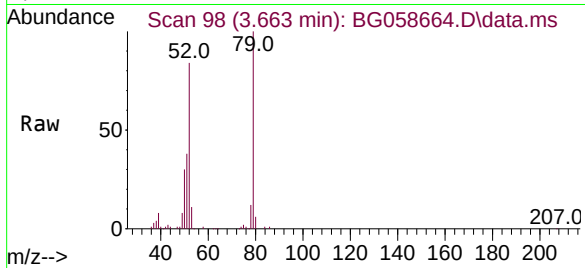
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Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MS



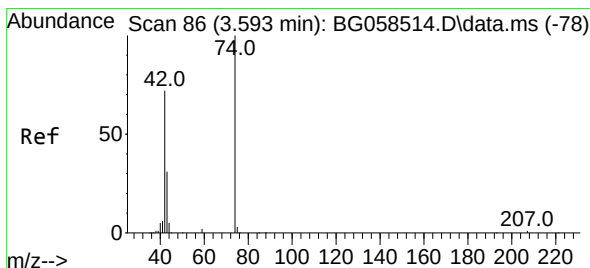
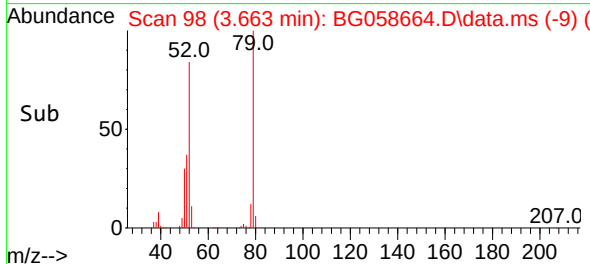
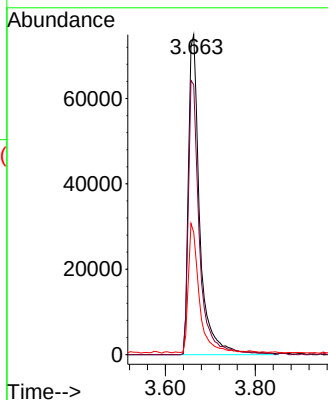
Tgt Ion: 79 Resp: 132085

Ion Ratio Lower Upper

79 100

52 84.3 63.2 94.8

51 38.2 31.9 47.9



#4

n-Nitrosodimethylamine

Concen: 44.627 ng

RT: 3.581 min Scan# 84

Delta R.T. -0.012 min

Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

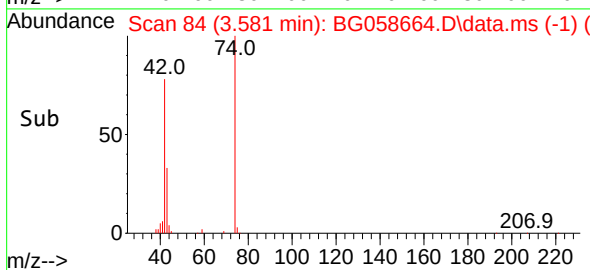
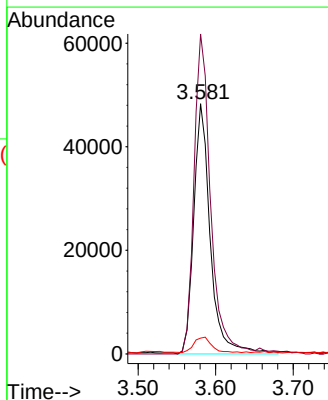
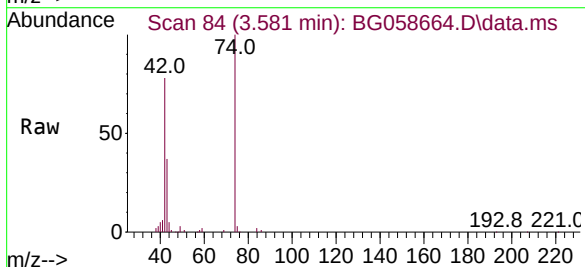
Tgt Ion: 42 Resp: 71548

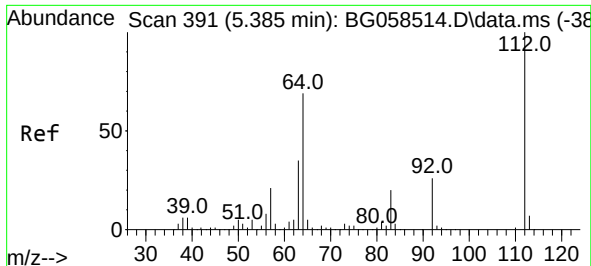
Ion Ratio Lower Upper

42 100

74 127.9 111.5 167.3

44 6.3 5.4 8.2

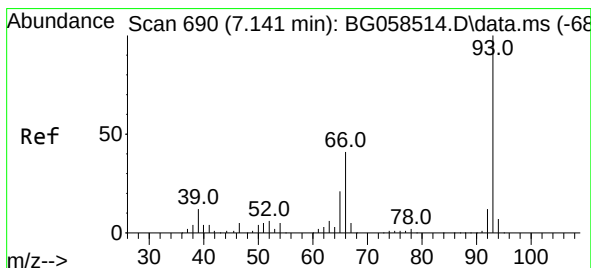
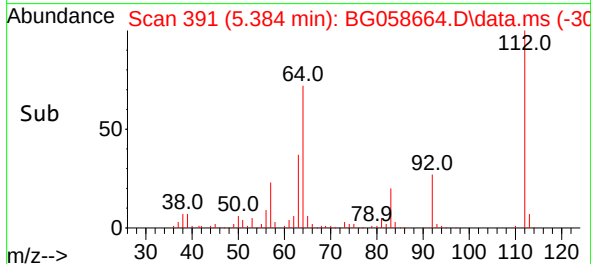
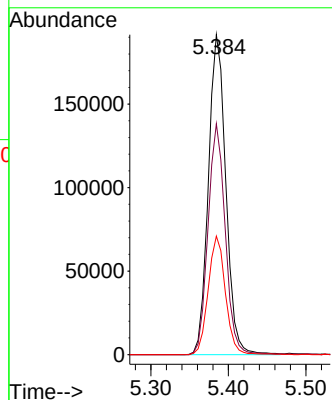
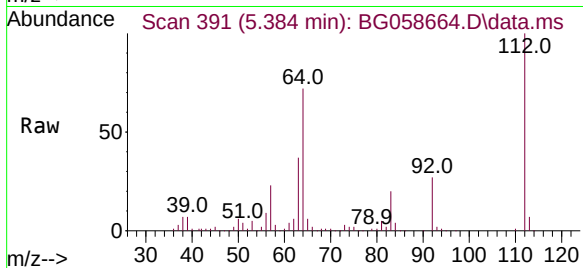




#5
2-Fluorophenol
Concen: 104.651 ng
RT: 5.384 min Scan# 391
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

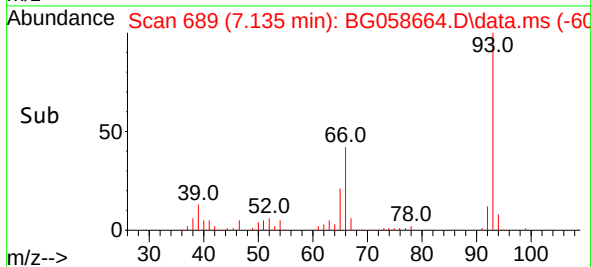
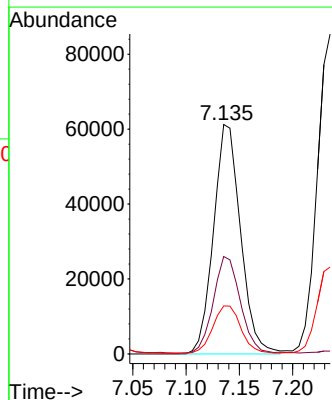
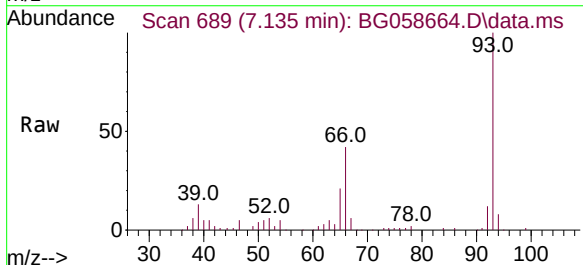
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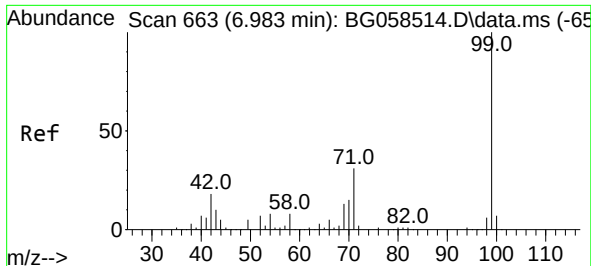
Tgt Ion:112 Resp: 299741
Ion Ratio Lower Upper
112 100
64 72.1 55.3 82.9
63 37.0 28.3 42.5



#6
Aniline
Concen: 22.045 ng
RT: 7.135 min Scan# 689
Delta R.T. -0.006 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

Tgt Ion: 93 Resp: 108174
Ion Ratio Lower Upper
93 100
66 42.5 33.1 49.7
65 20.9 17.0 25.4

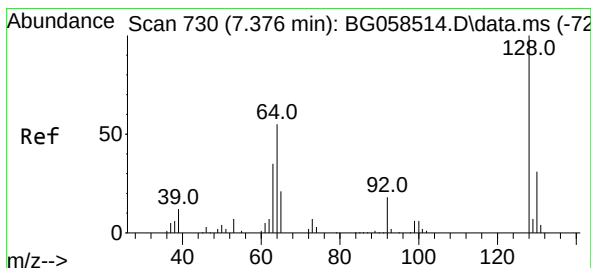
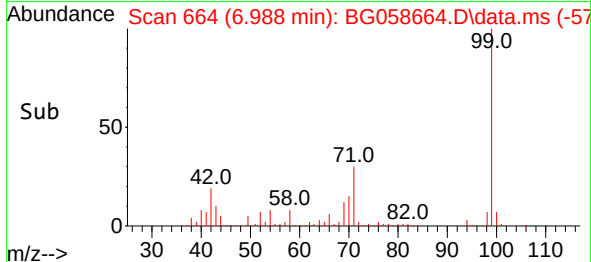
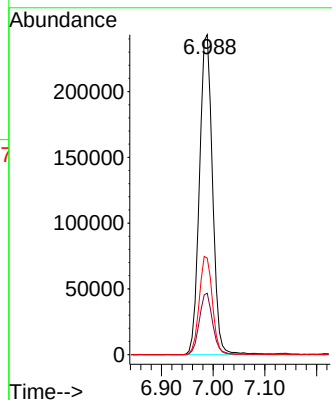
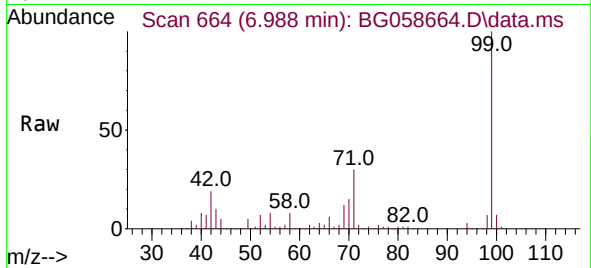




#7
Phenol-d6
Concen: 107.212 ng
RT: 6.988 min Scan# 60
Delta R.T. 0.006 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

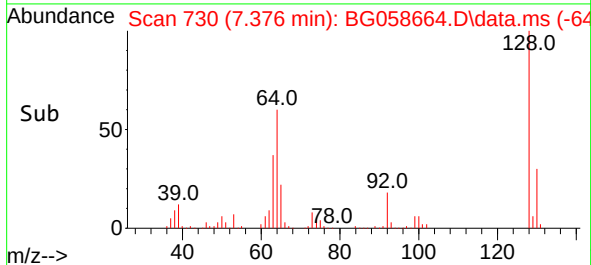
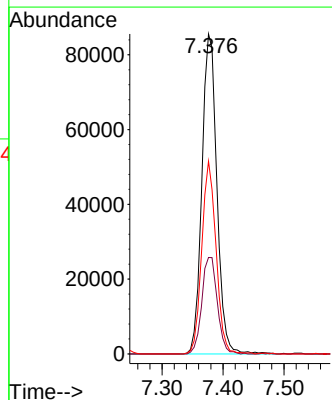
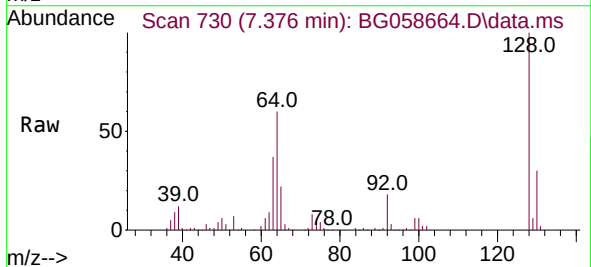
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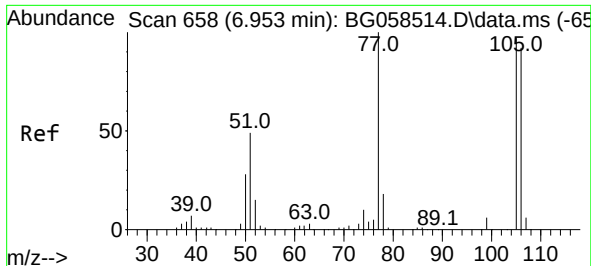
Tgt Ion: 99 Resp: 427292
Ion Ratio Lower Upper
99 100
42 19.2 14.6 21.8
71 30.2 25.0 37.4



#8
2-Chlorophenol
Concen: 51.931 ng
RT: 7.376 min Scan# 730
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

Tgt Ion:128 Resp: 145919
Ion Ratio Lower Upper
128 100
130 30.1 10.9 50.9
64 60.2 39.0 79.0

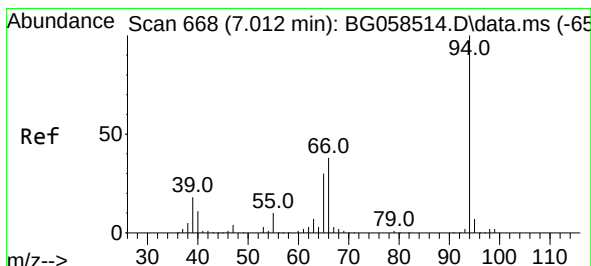
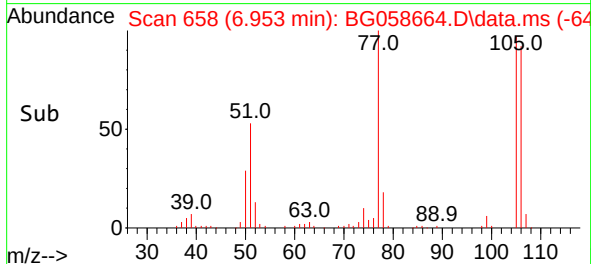
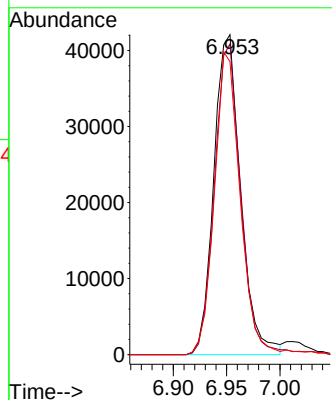
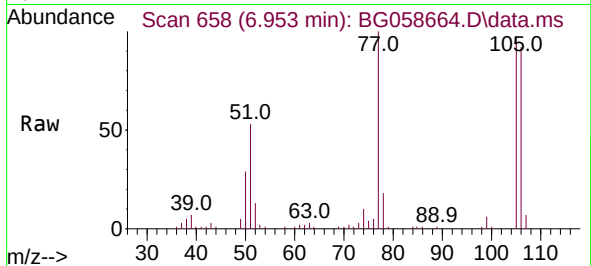




#9
Benzaldehyde
Concen: 33.887 ng
RT: 6.953 min Scan# 658
Delta R.T. 0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

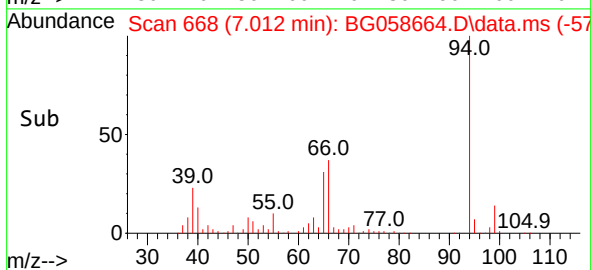
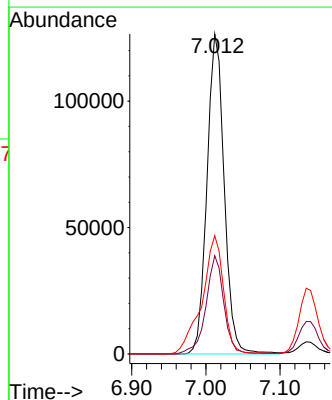
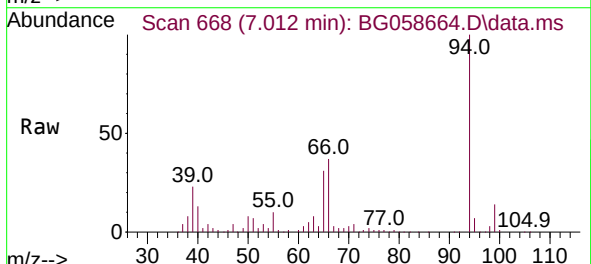
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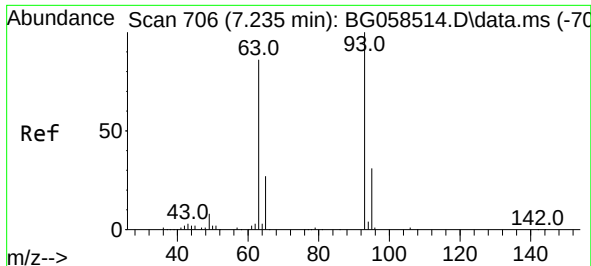
Tgt Ion:	77	Resp:	73377
Ion	Ratio	Lower	Upper
77	100		
105	97.1	77.1	117.1
106	91.5	71.6	111.6



#10
Phenol
Concen: 52.449 ng
RT: 7.012 min Scan# 668
Delta R.T. -0.000 min
Lab File: BG058664.D
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Tgt Ion:	94	Resp:	204194
Ion	Ratio	Lower	Upper
94	100		
65	30.7	10.4	50.4
66	36.9	18.7	58.7

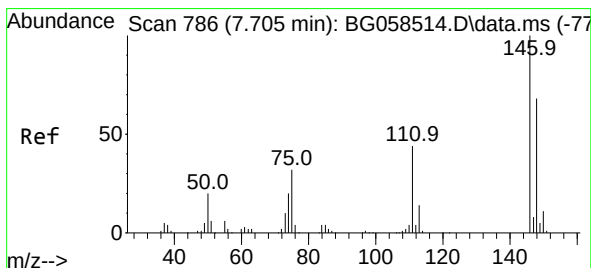
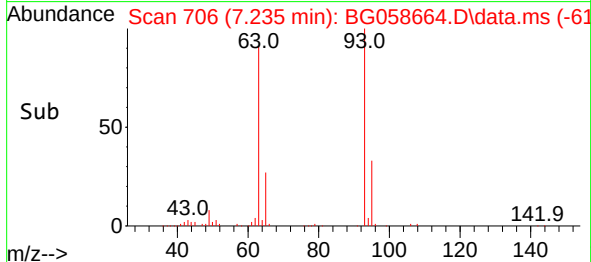
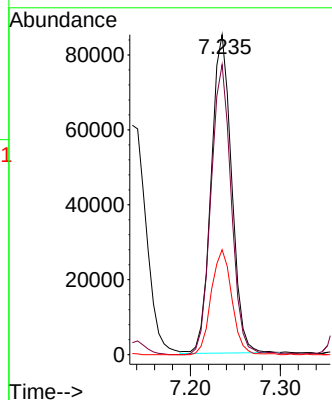
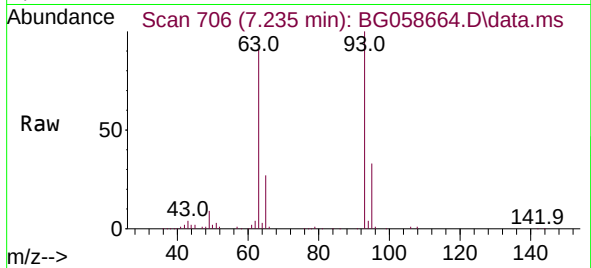




#11
bis(2-Chloroethyl)ether
Concen: 43.968 ng
RT: 7.235 min Scan# 706
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

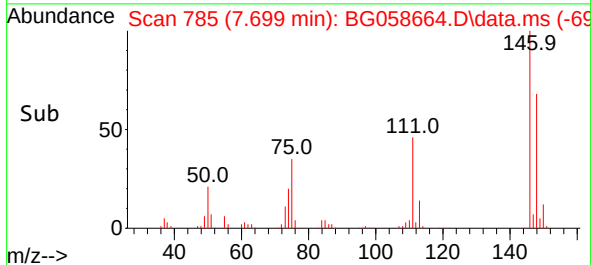
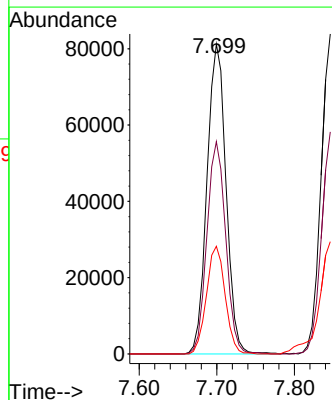
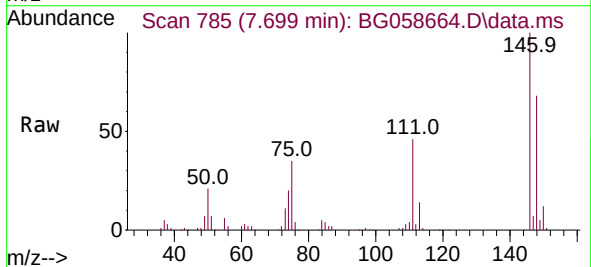
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS

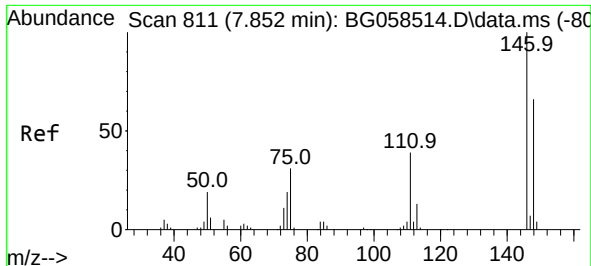
Tgt Ion: 93 Resp: 134948
Ion Ratio Lower Upper
93 100
63 90.6 65.5 105.5
95 32.8 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 46.153 ng
RT: 7.699 min Scan# 785
Delta R.T. -0.006 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

Tgt Ion:146 Resp: 138479
Ion Ratio Lower Upper
146 100
148 68.5 54.7 82.1
75 34.7 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 46.503 ng

RT: 7.846 min Scan# 811

Delta R.T. -0.006 min

Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MS

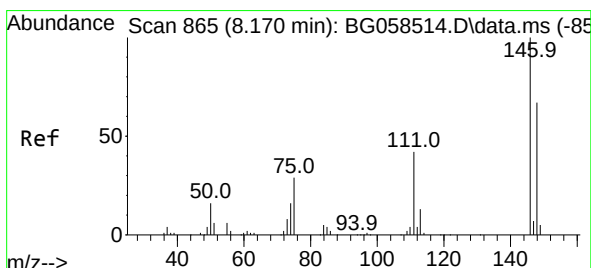
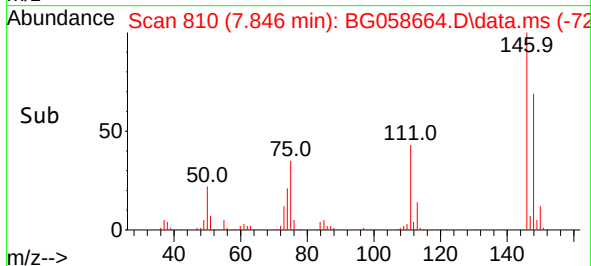
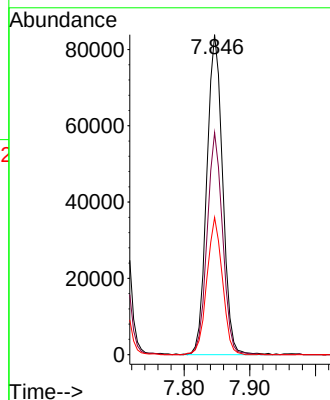
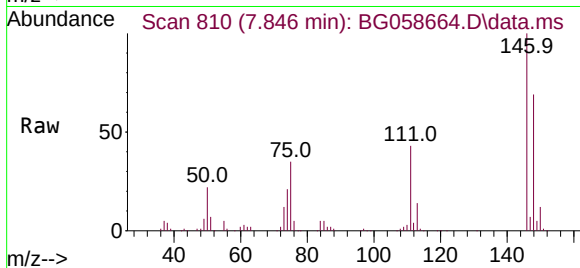
Tgt Ion:146 Resp: 140097

Ion Ratio Lower Upper

146 100

148 69.4 52.8 79.2

111 42.9 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 46.958 ng

RT: 8.163 min Scan# 864

Delta R.T. -0.006 min

Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

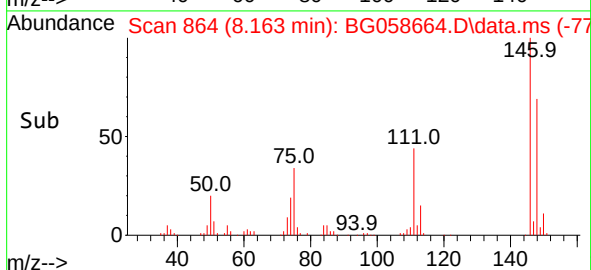
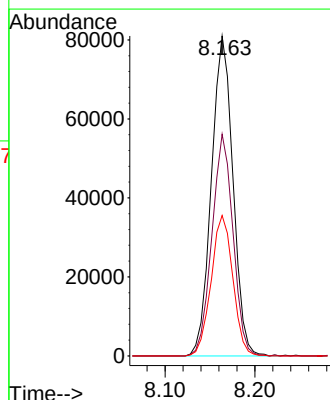
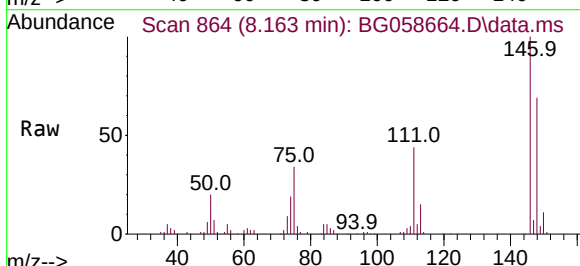
Tgt Ion:146 Resp: 135254

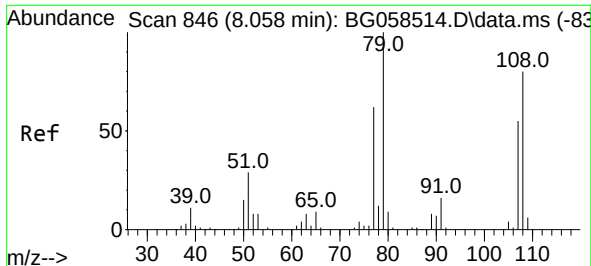
Ion Ratio Lower Upper

146 100

148 69.3 53.4 80.2

111 43.9 34.2 51.2

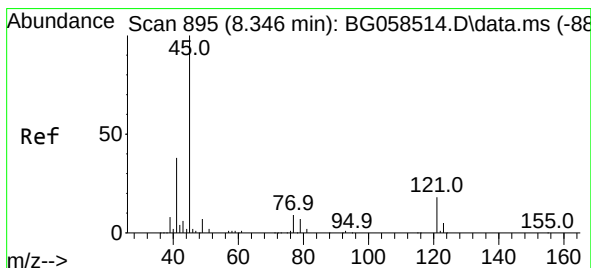
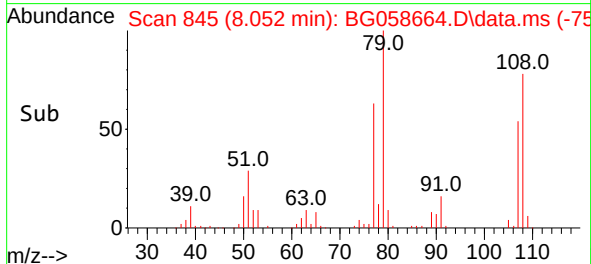
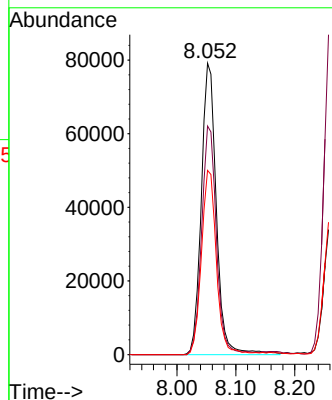
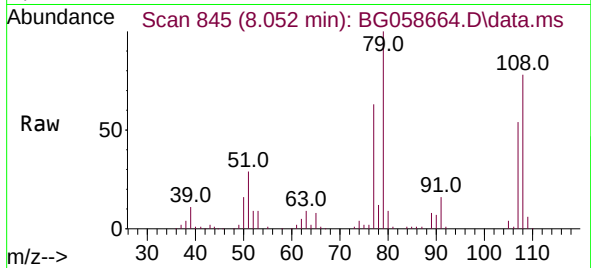




#15
Benzyl Alcohol
Concen: 55.745 ng
RT: 8.052 min Scan# 846
Delta R.T. -0.006 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

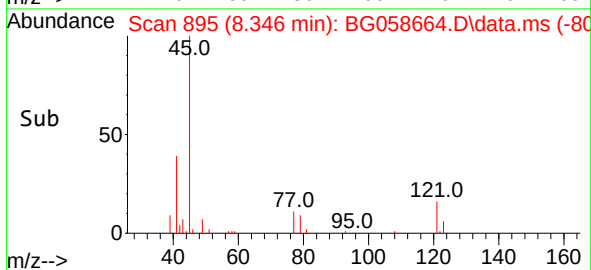
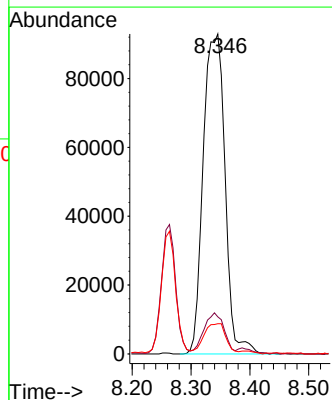
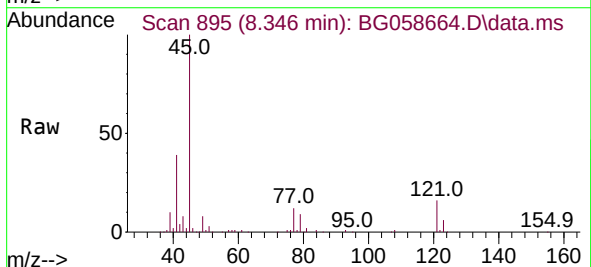
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS

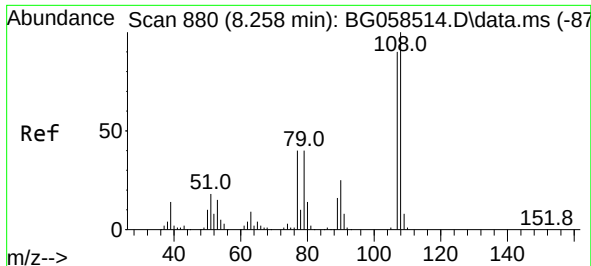
Tgt Ion: 79 Resp: 140894
Ion Ratio Lower Upper
79 100
108 78.4 63.8 95.6
77 63.2 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.900 ng
RT: 8.346 min Scan# 895
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

Tgt Ion: 45 Resp: 238814
Ion Ratio Lower Upper
45 100
77 11.6 0.0 32.6
79 9.4 0.0 30.2

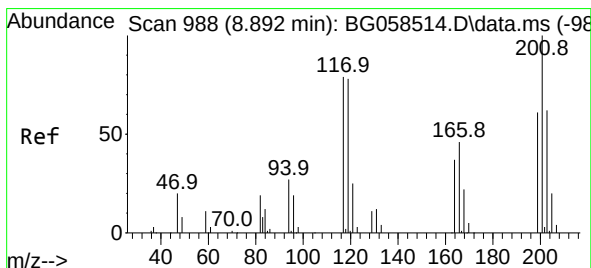
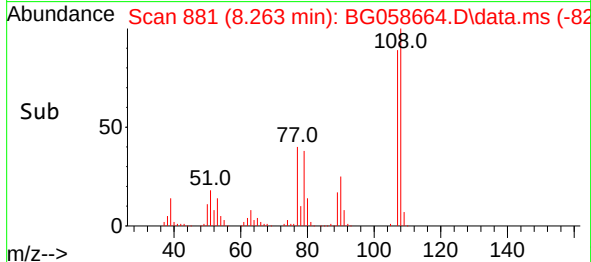
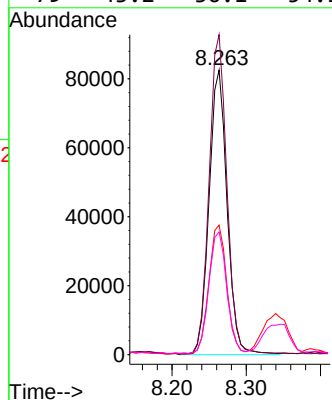
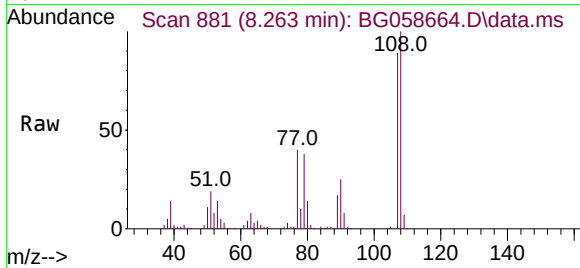




#17
2-Methylphenol
Concen: 49.006 ng
RT: 8.263 min Scan# 881
Delta R.T. 0.006 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

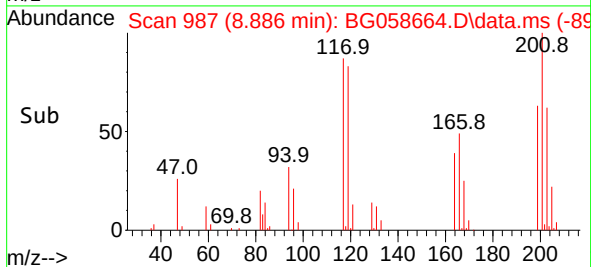
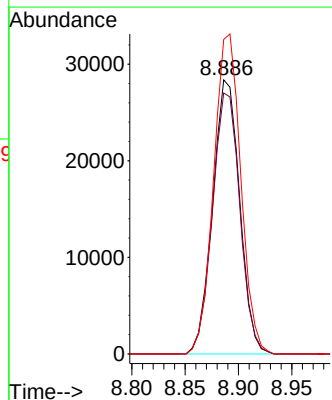
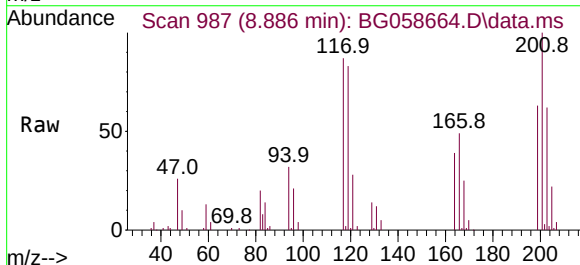
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS

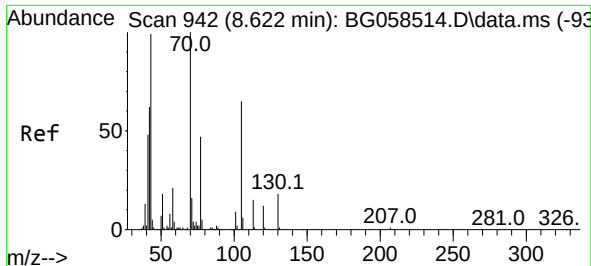
Tgt Ion:107 Resp: 139501
Ion Ratio Lower Upper
107 100
108 112.5 89.1 133.7
77 45.5 36.2 54.4
79 43.2 36.1 54.1



#18
Hexachloroethane
Concen: 45.864 ng
RT: 8.886 min Scan# 987
Delta R.T. -0.006 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

Tgt Ion:117 Resp: 50222
Ion Ratio Lower Upper
117 100
119 95.2 78.6 117.8
201 114.8 101.4 152.0

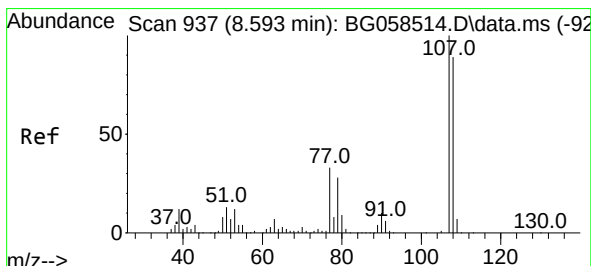
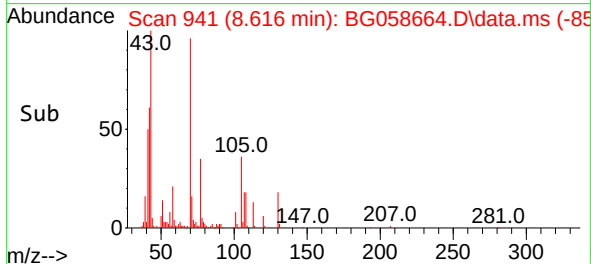
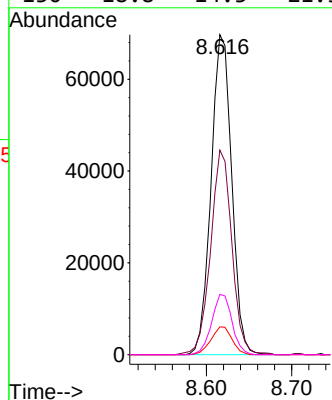
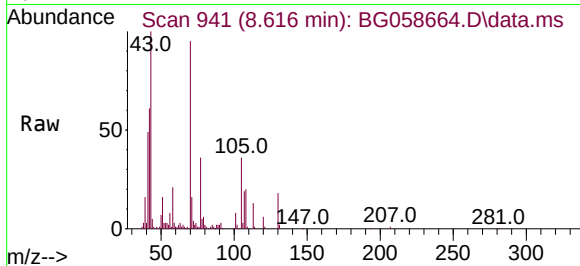




#19
n-Nitroso-di-n-propylamine
Concen: 45.423 ng
RT: 8.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

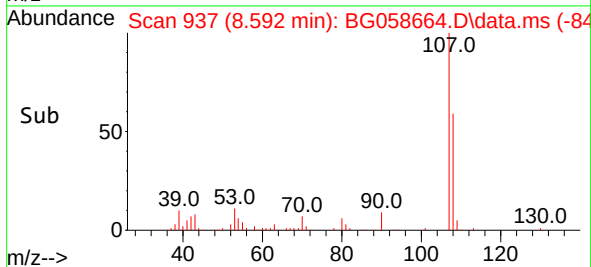
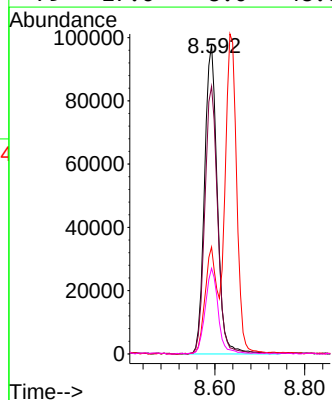
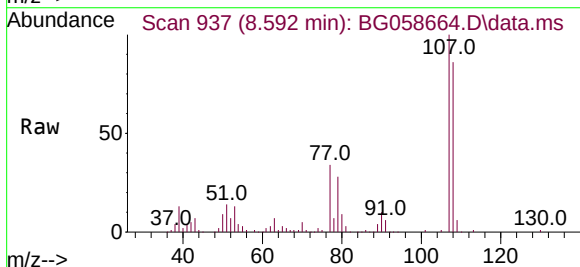
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS

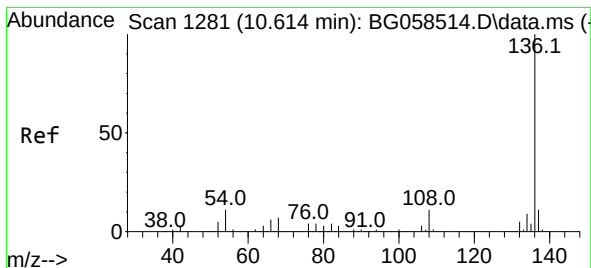
Tgt Ion: 70 Resp: 116934
Ion Ratio Lower Upper
70 100
42 63.9 49.7 74.5
101 8.7 7.0 10.4
130 18.8 14.3 21.5



#20
3+4-Methylphenols
Concen: 50.110 ng
RT: 8.592 min Scan# 937
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

Tgt Ion: 107 Resp: 192946
Ion Ratio Lower Upper
107 100
108 86.4 69.4 109.4
77 34.5 13.0 53.0
79 27.6 8.0 48.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.614 min Scan# 1281

Delta R.T. -0.000 min

Lab File: BG058664.D

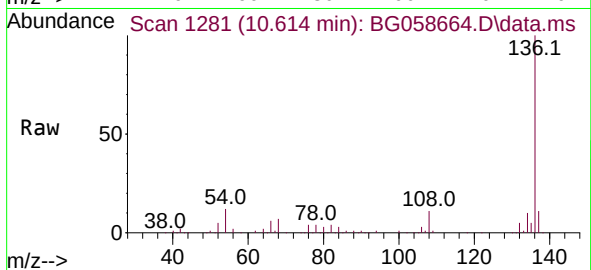
Acq: 9 Aug 2023 18:40

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MS



Tgt Ion:136 Resp: 189945

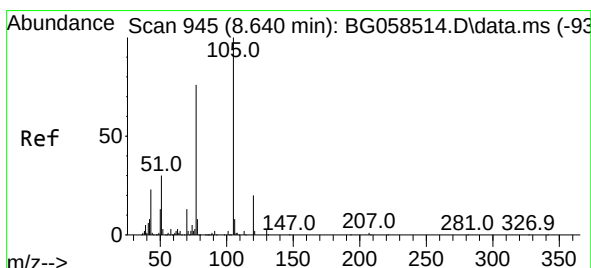
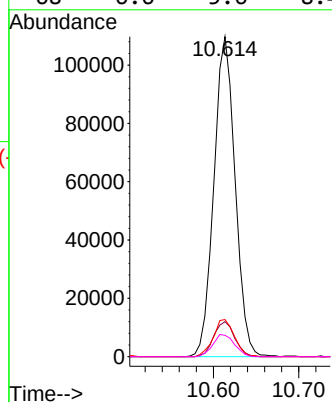
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 11.6 8.9 13.3

68 6.6 5.6 8.4



#22

Acetophenone

Concen: 45.007 ng

RT: 8.633 min Scan# 944

Delta R.T. -0.006 min

Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

Tgt Ion:105 Resp: 228904

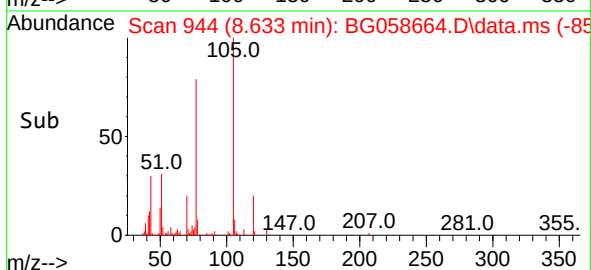
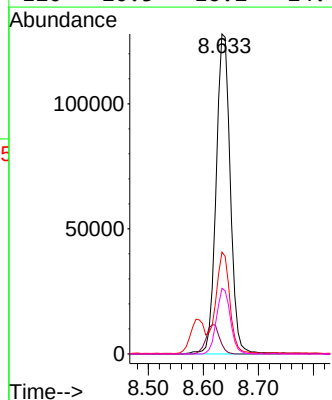
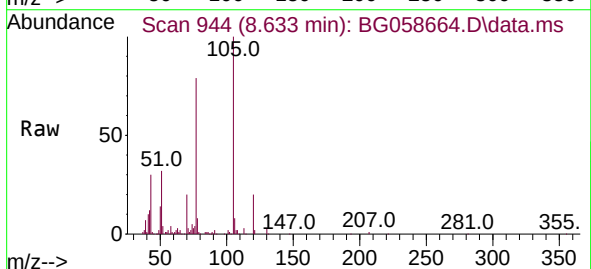
Ion Ratio Lower Upper

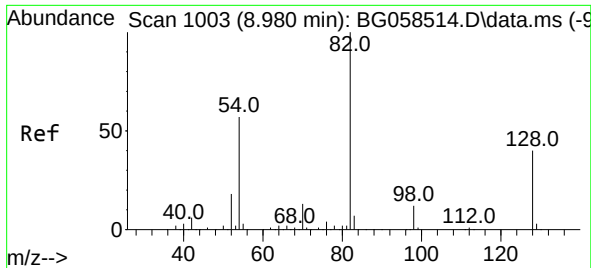
105 100

71 3.0 1.8 2.6

51 31.8 24.2 36.2

120 20.5 16.2 24.4

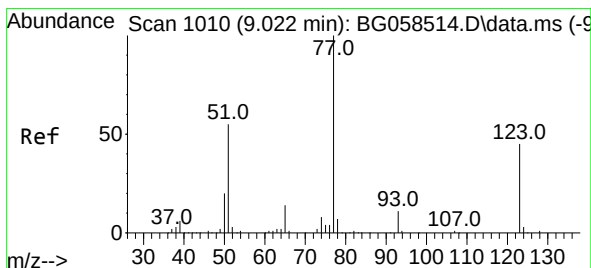
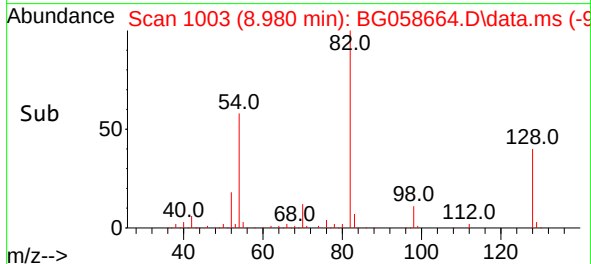
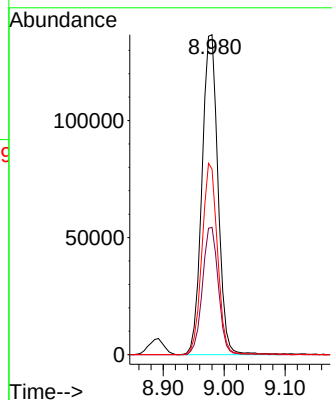
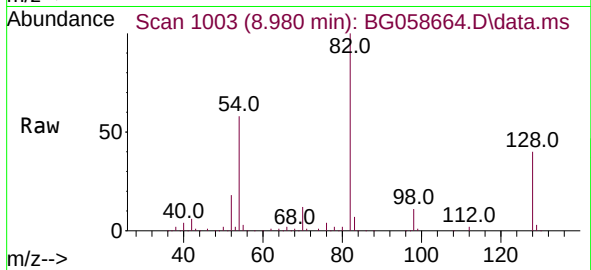




#23
 Nitrobenzene-d5
 Concen: 64.561 ng
 RT: 8.980 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BG058664.D
 Acq: 9 Aug 2023 18:40

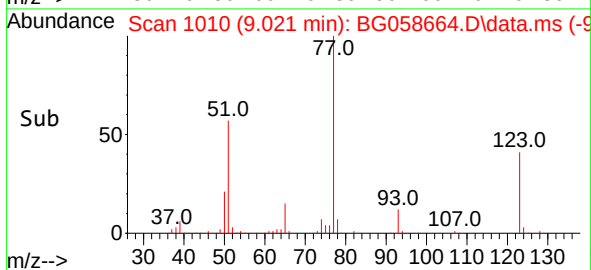
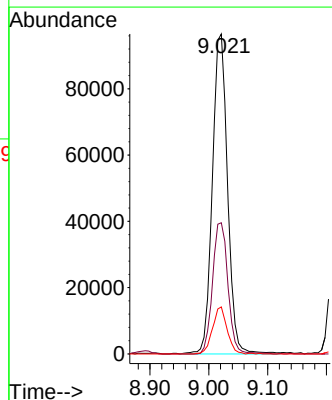
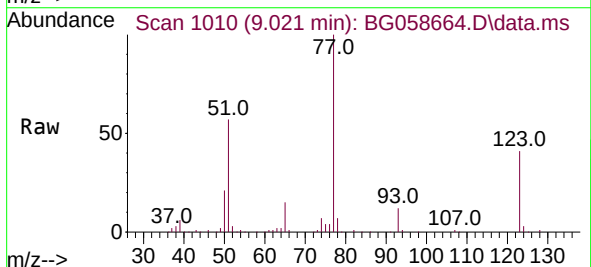
Instrument :
 BNA_G
 ClientSampleId :
 ORA-1745-1746-1747MS

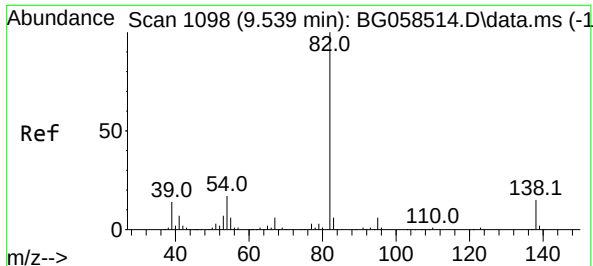
Tgt Ion: 82 Resp: 249629
 Ion Ratio Lower Upper
 82 100
 128 39.8 32.2 48.2
 54 58.0 46.0 69.0



#24
 Nitrobenzene
 Concen: 44.008 ng
 RT: 9.021 min Scan# 1010
 Delta R.T. -0.000 min
 Lab File: BG058664.D
 Acq: 9 Aug 2023 18:40

Tgt Ion: 77 Resp: 172990
 Ion Ratio Lower Upper
 77 100
 123 41.0 35.6 53.4
 65 14.7 11.4 17.0

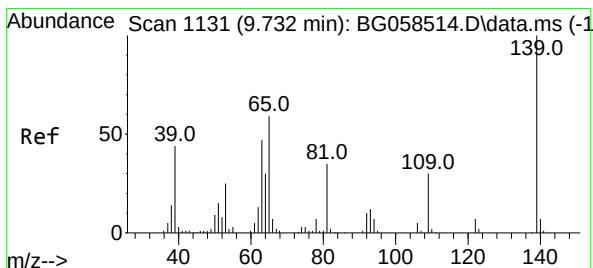
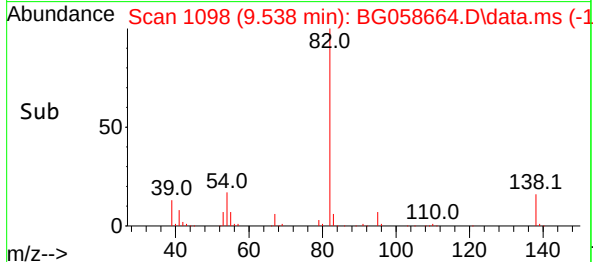
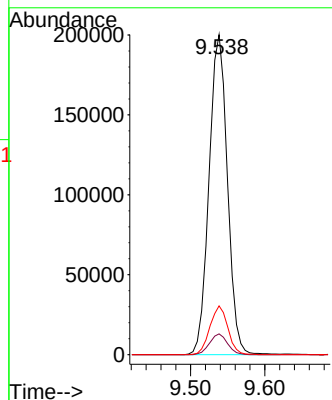
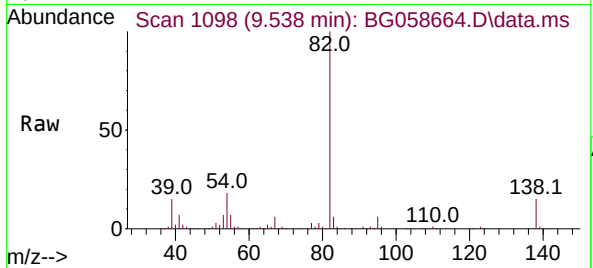




#25
Isophorone
Concen: 43.093 ng
RT: 9.538 min Scan# 1098
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

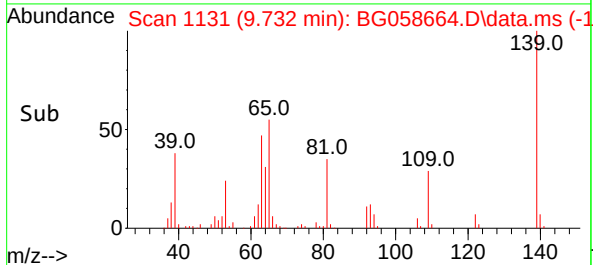
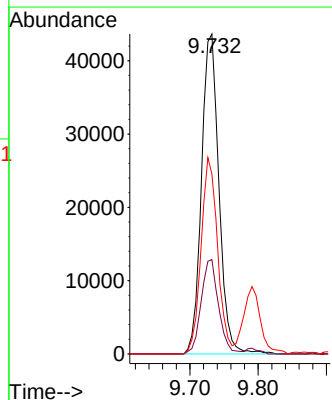
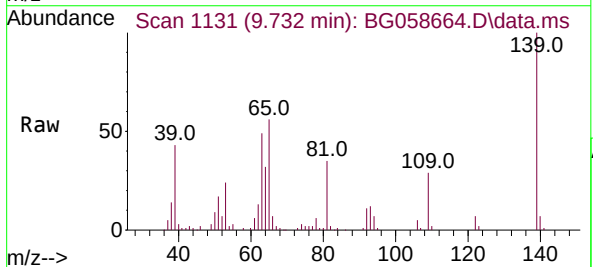
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS

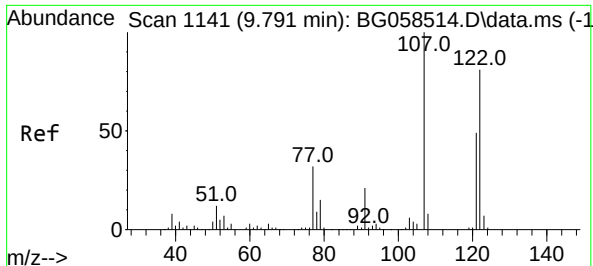
Tgt Ion: 82 Resp: 344266
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 15.2 11.9 17.9



#26
2-Nitrophenol
Concen: 45.381 ng
RT: 9.732 min Scan# 1131
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

Tgt Ion: 139 Resp: 77651
Ion Ratio Lower Upper
139 100
109 29.5 24.2 36.2
65 56.2 47.0 70.4

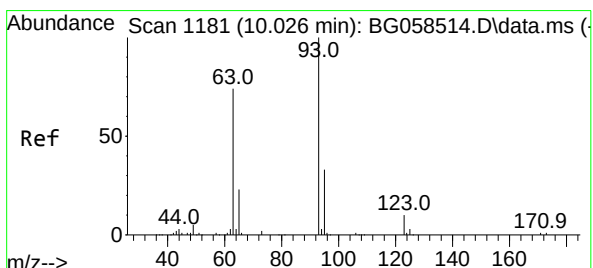
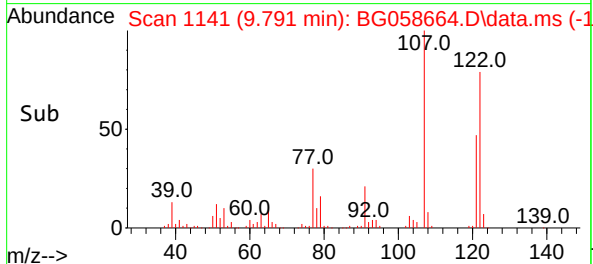
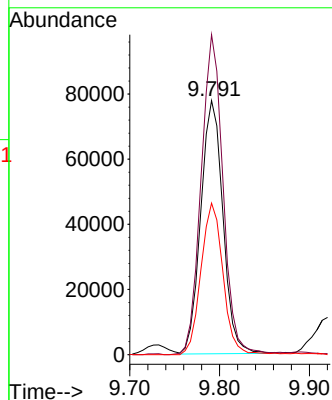
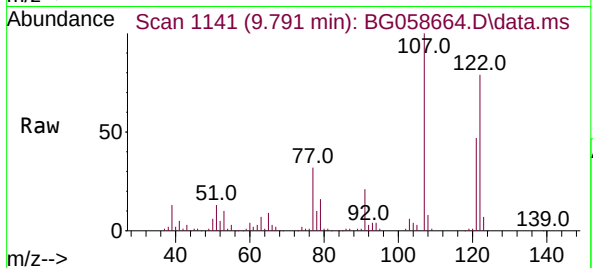




#27
2,4-Dimethylphenol
Concen: 47.059 ng
RT: 9.791 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

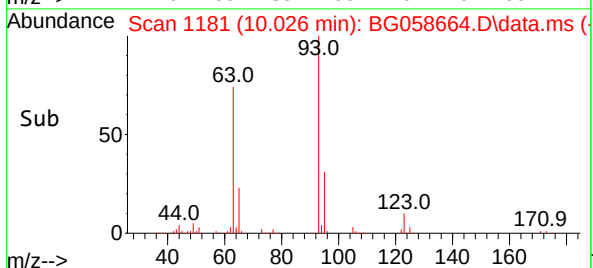
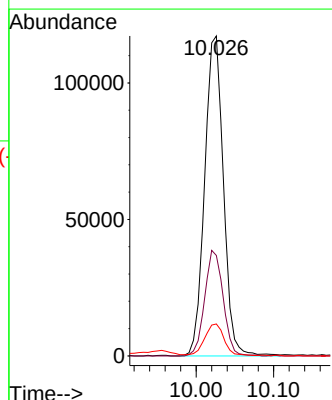
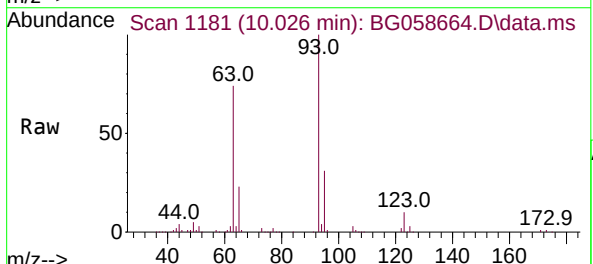
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS

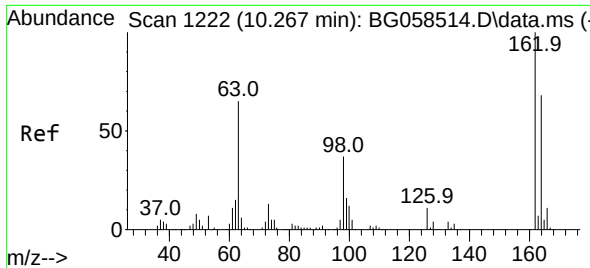
Tgt Ion:122 Resp: 133565
Ion Ratio Lower Upper
122 100
107 126.0 98.0 147.0
121 59.6 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 45.371 ng
RT: 10.026 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

Tgt Ion: 93 Resp: 197256
Ion Ratio Lower Upper
93 100
95 31.4 26.0 39.0
123 10.0 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 50.331 ng

RT: 10.267 min Scan# 11

Delta R.T. -0.000 min

Lab File: BG058664.D

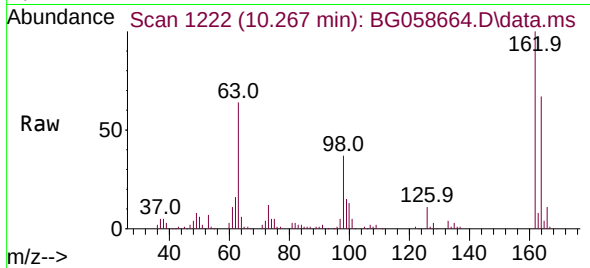
Acq: 9 Aug 2023 18:40

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MS



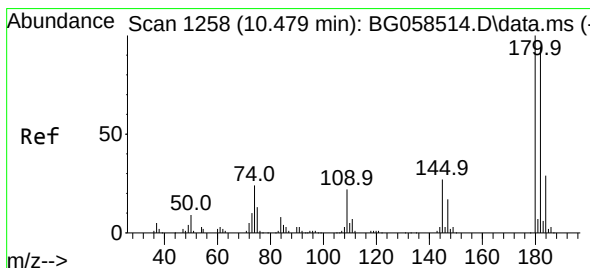
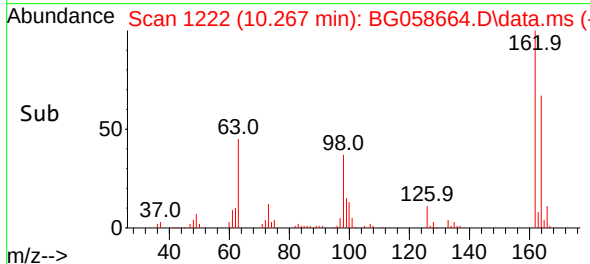
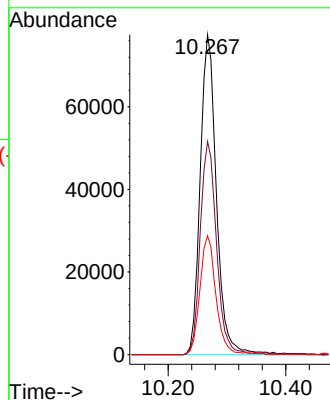
Tgt Ion:162 Resp: 148323

Ion Ratio Lower Upper

162 100

164 66.6 47.6 87.6

98 37.1 17.1 57.1



#30

1,2,4-Trichlorobenzene

Concen: 44.965 ng

RT: 10.478 min Scan# 1258

Delta R.T. -0.000 min

Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

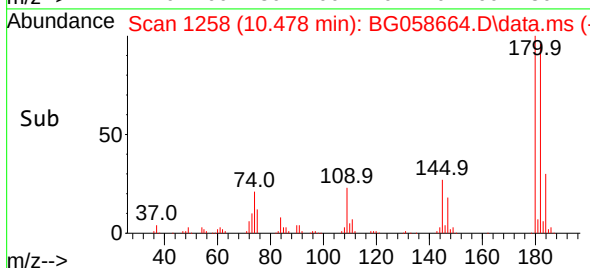
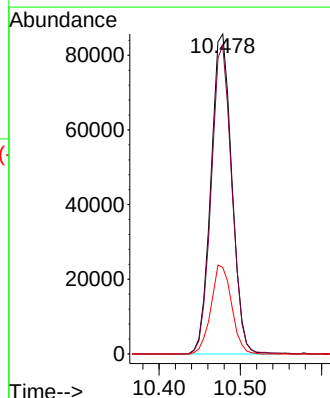
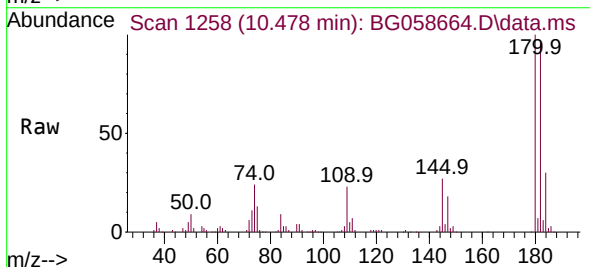
Tgt Ion:180 Resp: 152815

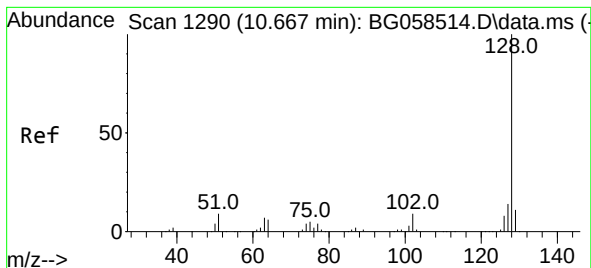
Ion Ratio Lower Upper

180 100

182 96.4 75.0 112.4

145 27.0 21.9 32.9





#31

Naphthalene

Concen: 43.531 ng

RT: 10.666 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MS

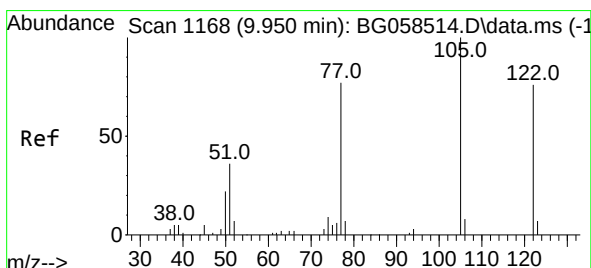
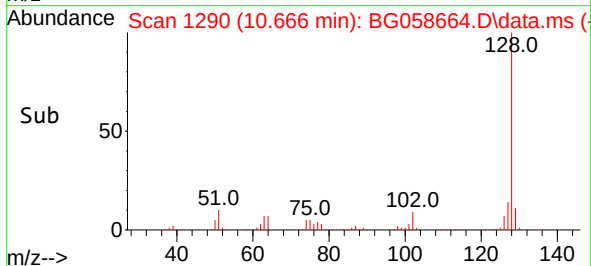
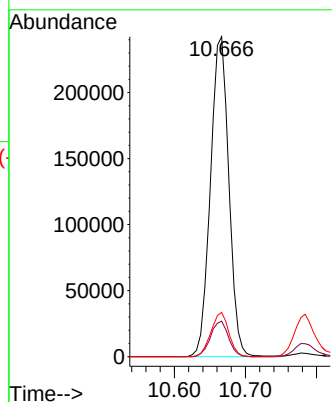
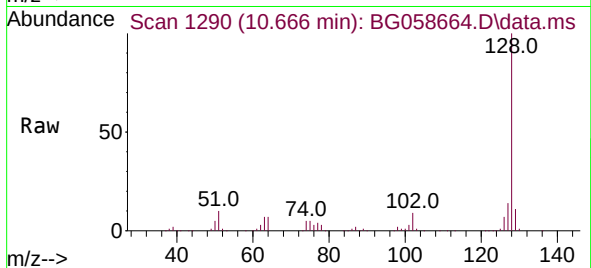
Tgt Ion:128 Resp: 435798

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

127 13.9 10.9 16.3



#32

Benzoic acid

Concen: 40.727 ng

RT: 9.955 min Scan# 1169

Delta R.T. 0.005 min

Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

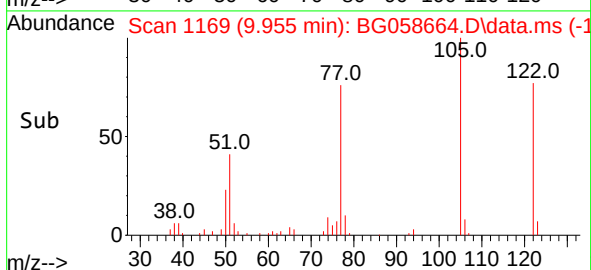
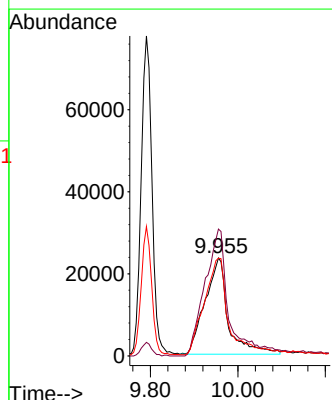
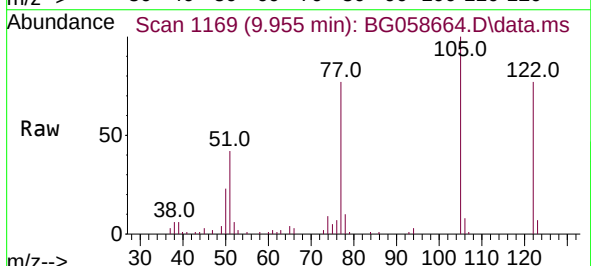
Tgt Ion:122 Resp: 86590

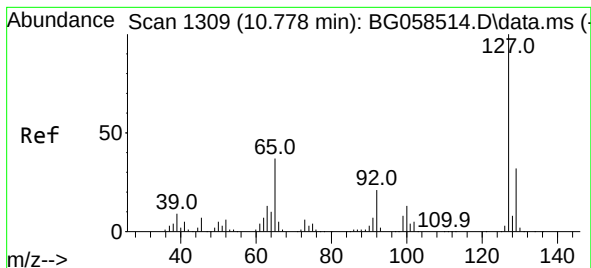
Ion Ratio Lower Upper

122 100

105 129.7 106.5 146.5

77 99.9 78.1 118.1





#33

4-Chloroaniline

Concen: 16.015 ng

RT: 10.784 min Scan# 1310

Delta R.T. 0.006 min

Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MS

Tgt Ion:127 Resp: 67739

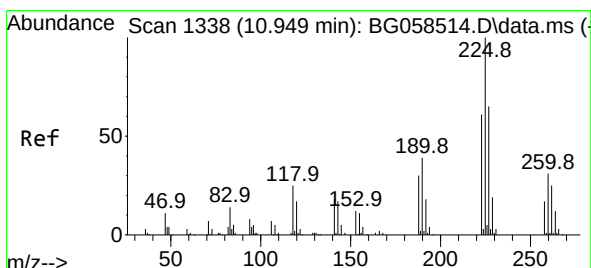
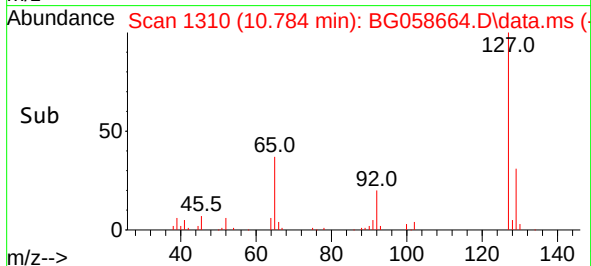
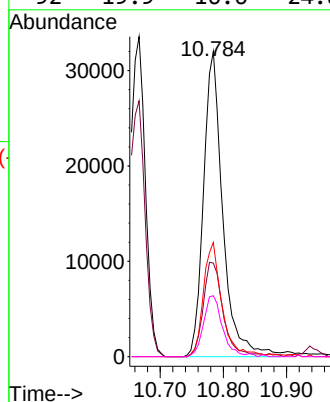
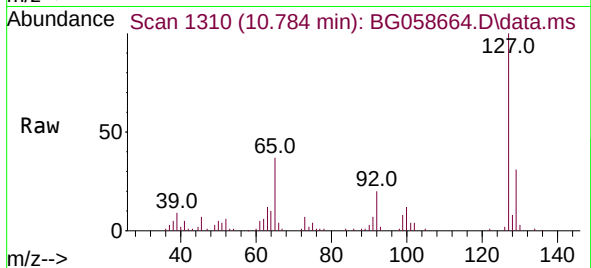
Ion Ratio Lower Upper

127 100

129 30.6 25.4 38.2

65 37.4 29.5 44.3

92 19.9 16.6 24.8



#34

Hexachlorobutadiene

Concen: 42.593 ng

RT: 10.943 min Scan# 1337

Delta R.T. -0.006 min

Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

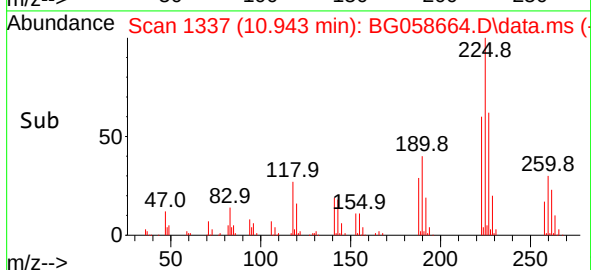
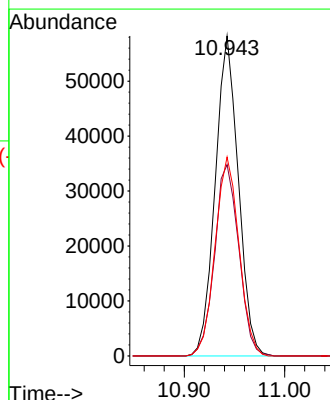
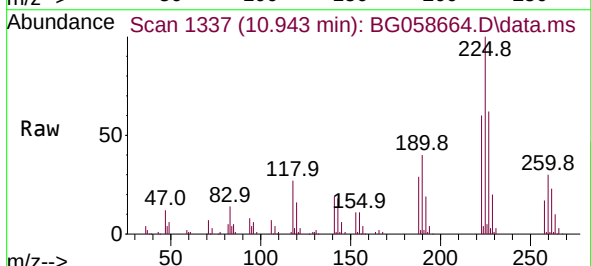
Tgt Ion:225 Resp: 93221

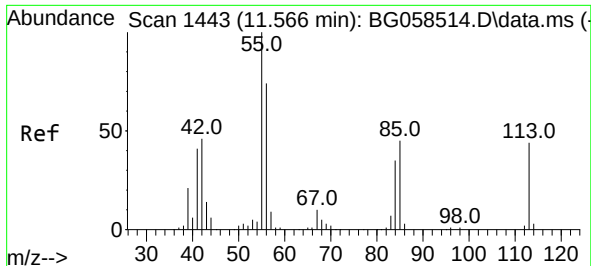
Ion Ratio Lower Upper

225 100

223 59.8 49.0 73.6

227 62.1 51.7 77.5

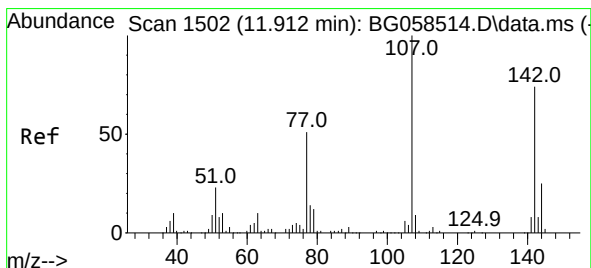
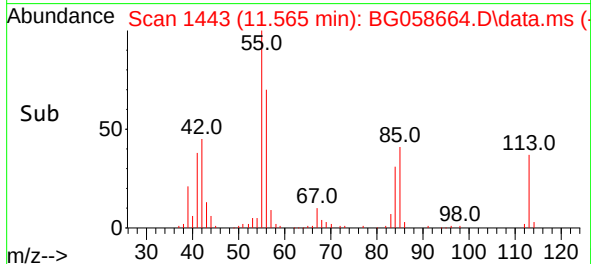
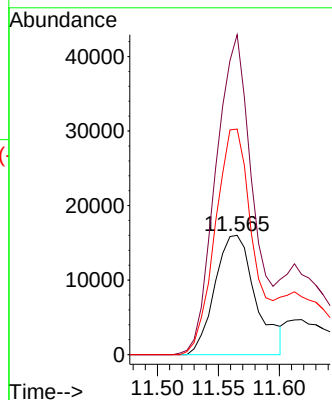
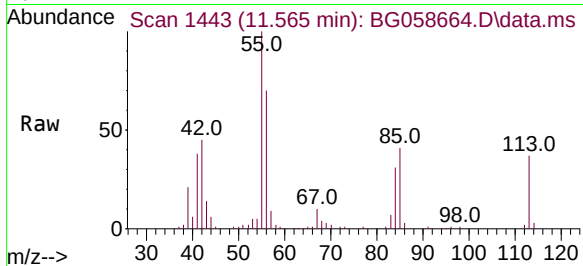




#35
Caprolactam
Concen: 34.165 ng
RT: 11.565 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

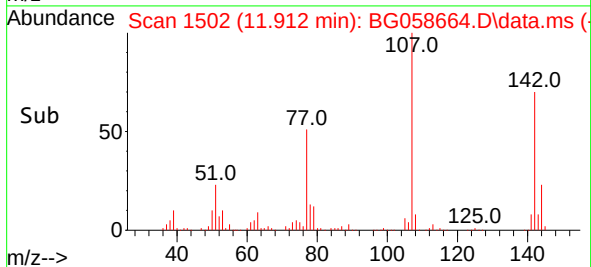
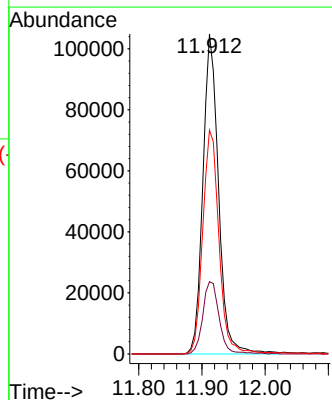
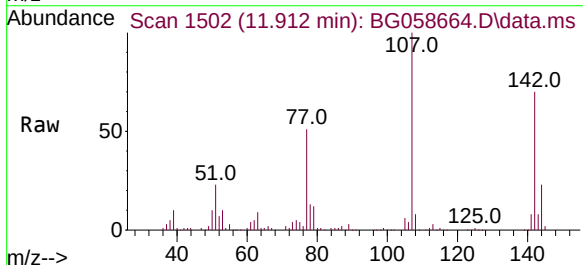
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS

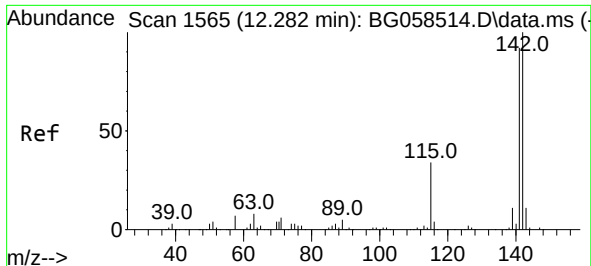
Tgt Ion:113 Resp: 37179
Ion Ratio Lower Upper
113 100
55 268.1 208.0 248.0#
56 189.0 148.6 188.6#



#36
4-Chloro-3-methylphenol
Concen: 49.410 ng
RT: 11.912 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

Tgt Ion:107 Resp: 180121
Ion Ratio Lower Upper
107 100
144 22.6 19.6 29.4
142 69.9 59.3 88.9





#37

2-Methylnaphthalene

Concen: 43.040 ng

RT: 12.276 min Scan# 1564

Delta R.T. -0.006 min

Lab File: BG058664.D

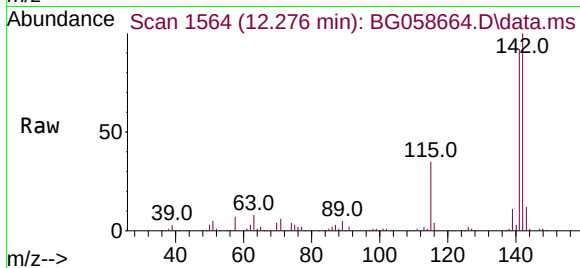
Acq: 9 Aug 2023 18:40

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MS



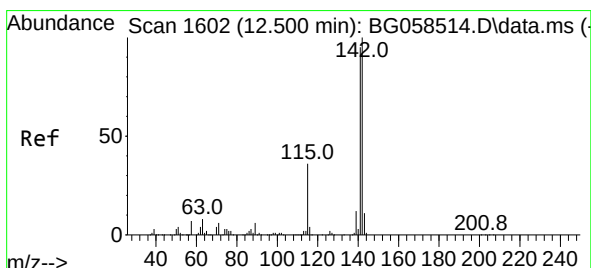
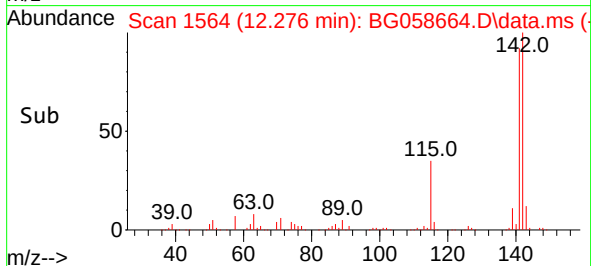
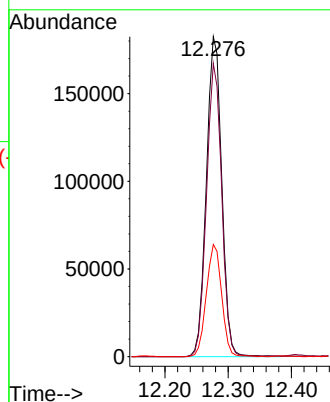
Tgt Ion:142 Resp: 308220

Ion Ratio Lower Upper

142 100

141 91.6 73.5 110.3

115 35.0 27.4 41.0



#38

1-Methylnaphthalene

Concen: 43.737 ng

RT: 12.500 min Scan# 1602

Delta R.T. -0.000 min

Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

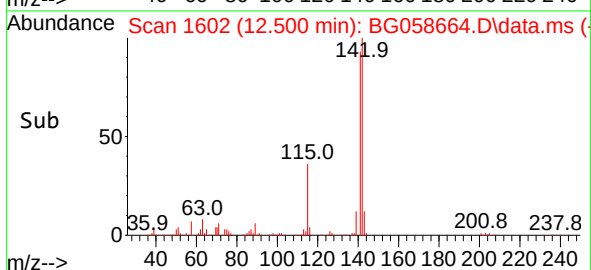
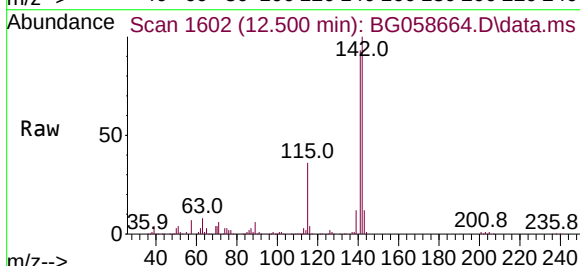
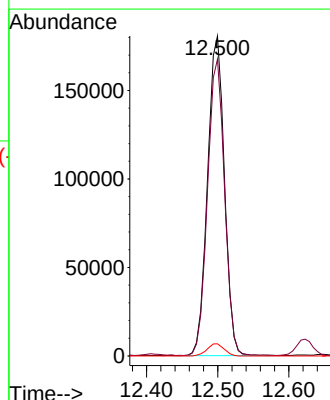
Tgt Ion:142 Resp: 297731

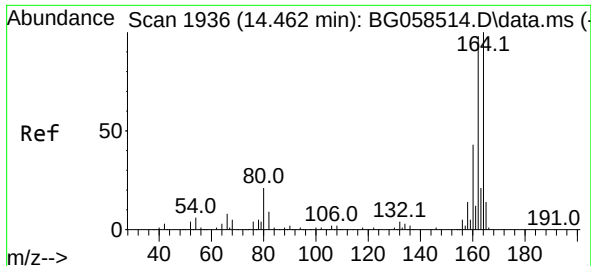
Ion Ratio Lower Upper

142 100

141 92.7 75.7 113.5

116 3.8 3.2 4.8

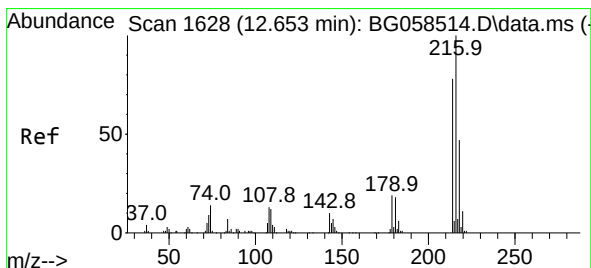
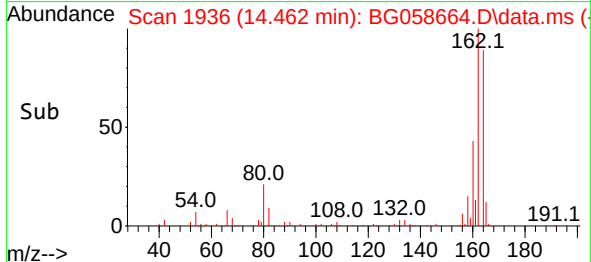
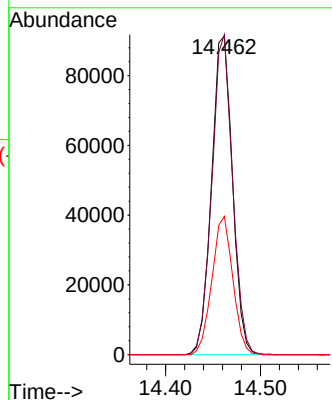
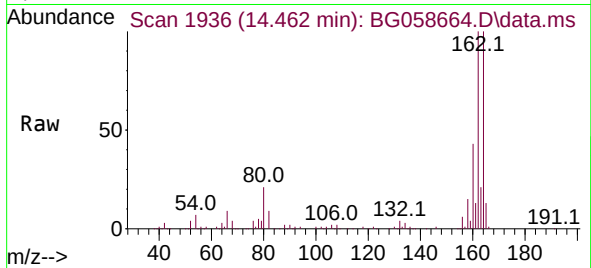




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

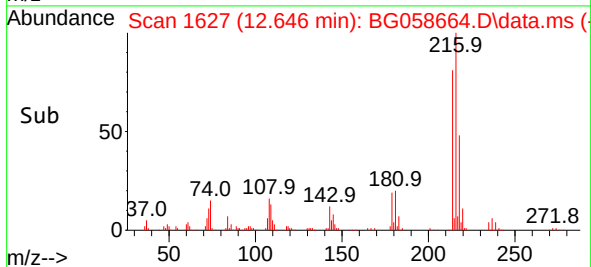
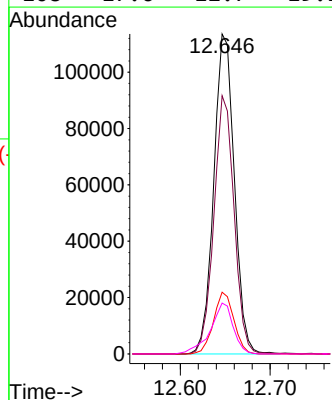
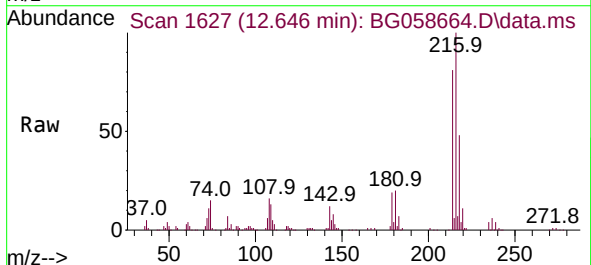
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS

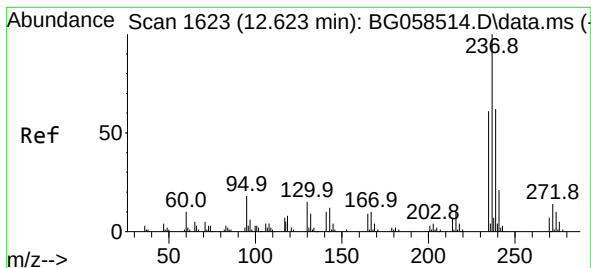
Tgt Ion:164 Resp: 139885
Ion Ratio Lower Upper
164 100
162 100.4 78.3 117.5
160 43.4 34.1 51.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.180 ng
RT: 12.646 min Scan# 1627
Delta R.T. -0.006 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

Tgt Ion:216 Resp: 181145
Ion Ratio Lower Upper
216 100
214 79.3 63.1 94.7
179 19.0 15.6 23.4
108 17.6 12.7 19.1





#41

Hexachlorocyclopentadiene

Concen: 73.951 ng

RT: 12.623 min Scan# 1623

Delta R.T. -0.000 min

Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MS

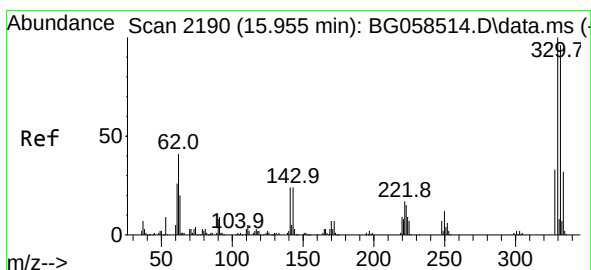
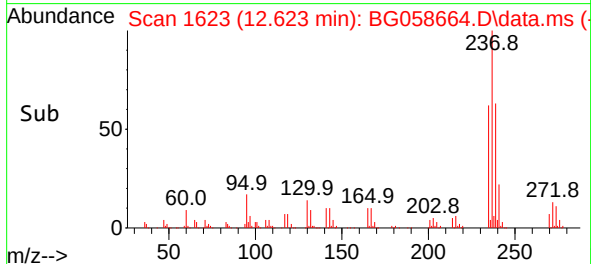
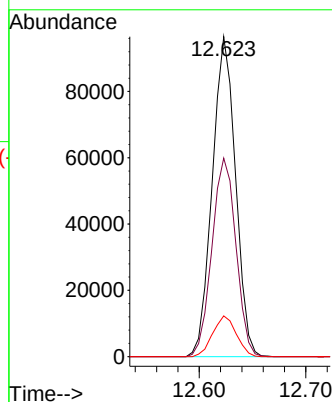
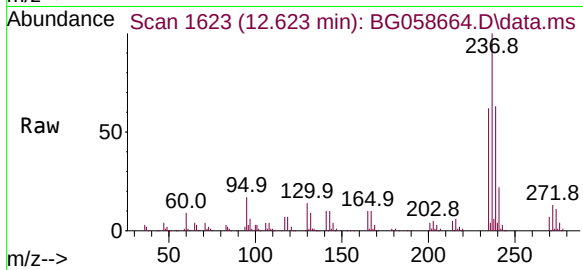
Tgt Ion:237 Resp: 146389

Ion Ratio Lower Upper

237 100

235 62.0 41.0 81.0

272 12.7 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 94.598 ng

RT: 15.954 min Scan# 2190

Delta R.T. -0.000 min

Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

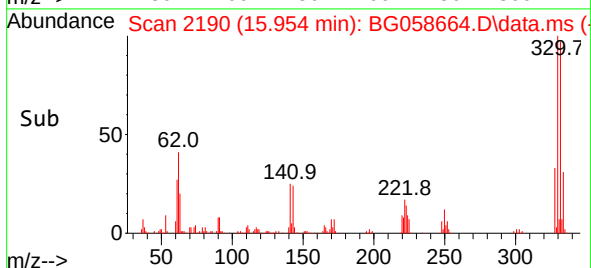
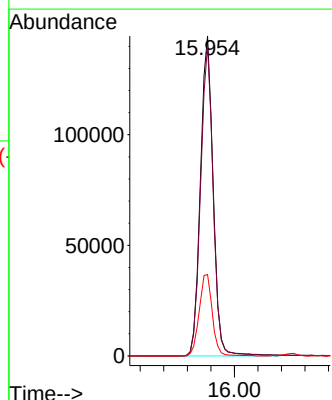
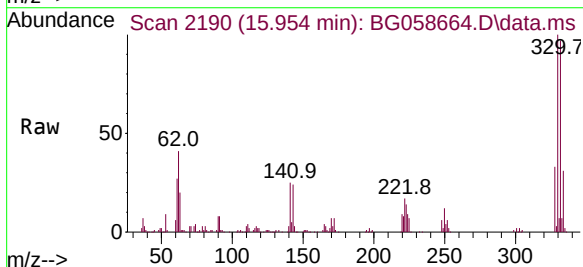
Tgt Ion:330 Resp: 216895

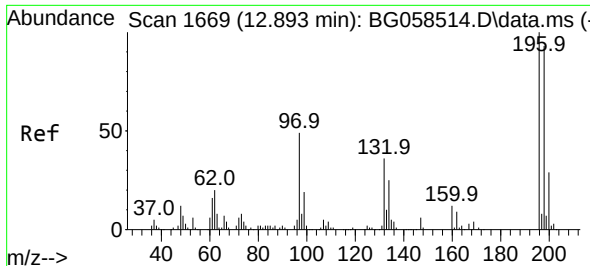
Ion Ratio Lower Upper

330 100

332 95.8 77.5 116.3

141 26.1 20.7 31.1

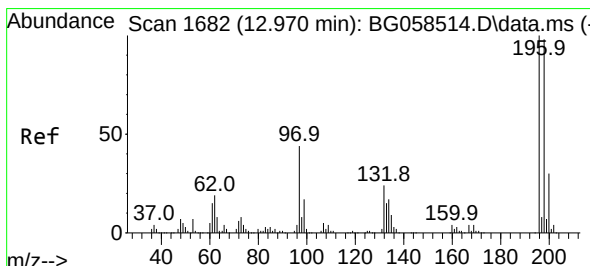
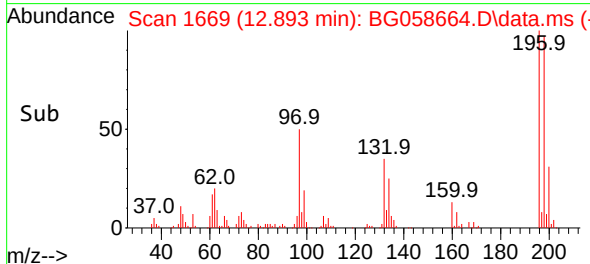
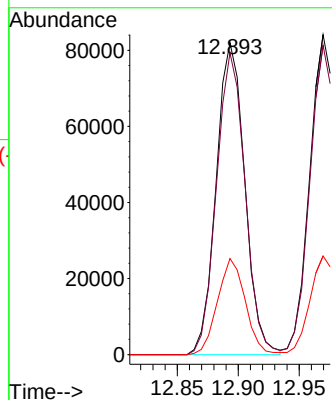
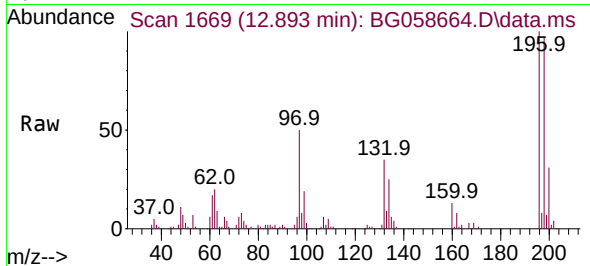




#43
2,4,6-Trichlorophenol
Concen: 45.265 ng
RT: 12.893 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

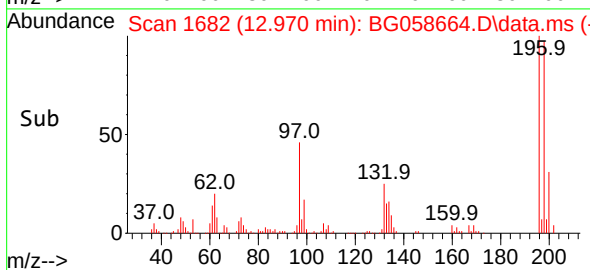
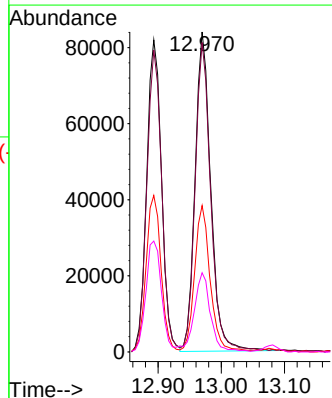
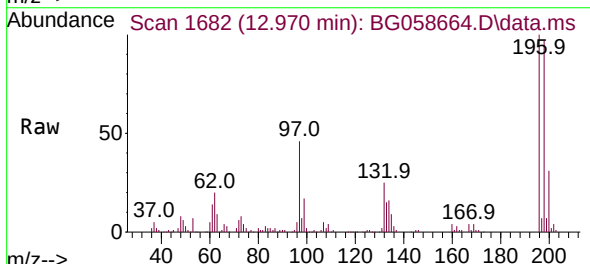
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS

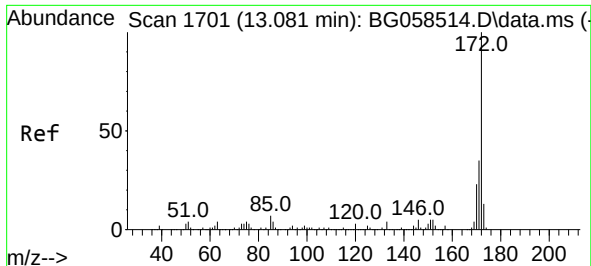
Tgt Ion:196 Resp: 133709
Ion Ratio Lower Upper
196 100
198 96.7 74.2 111.4
200 30.8 22.9 34.3



#44
2,4,5-Trichlorophenol
Concen: 41.719 ng
RT: 12.970 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

Tgt Ion:196 Resp: 145150
Ion Ratio Lower Upper
196 100
198 96.7 78.3 117.5
97 45.7 35.2 52.8
132 24.7 19.4 29.0

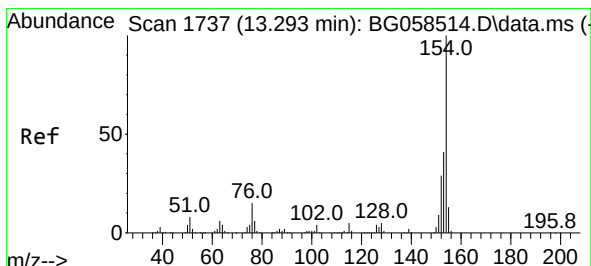
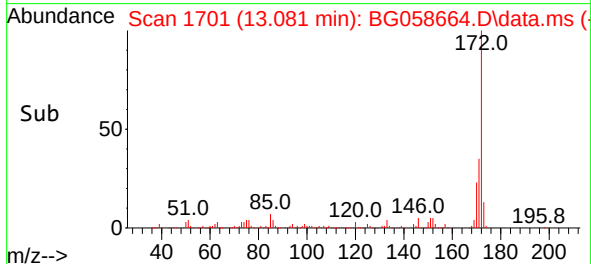
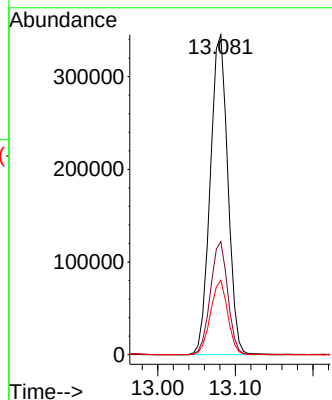
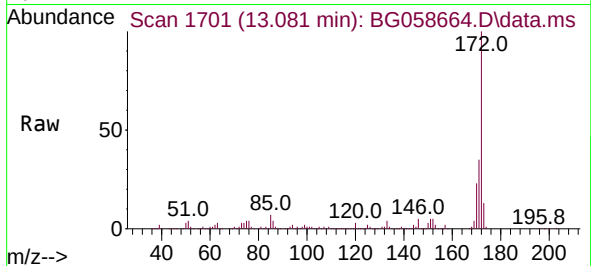




#45
2-Fluorobiphenyl
Concen: 58.193 ng
RT: 13.081 min Scan# 1701
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

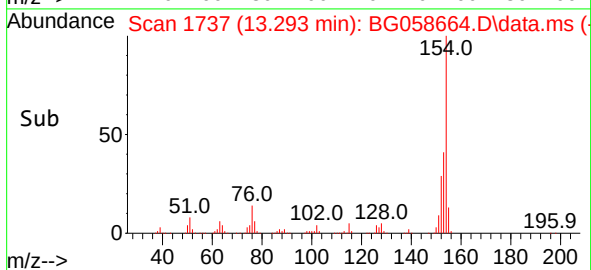
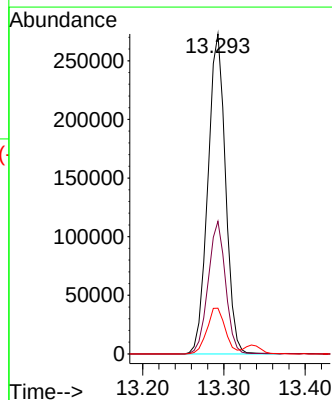
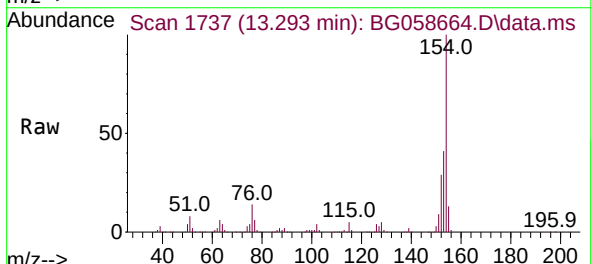
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS

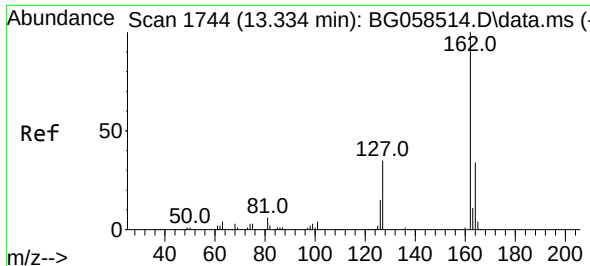
Tgt Ion:172 Resp: 543196
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 23.2 18.4 27.6



#46
1,1'-Biphenyl
Concen: 42.934 ng
RT: 13.293 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

Tgt Ion:154 Resp: 412454
Ion Ratio Lower Upper
154 100
153 41.4 21.2 61.2
76 14.3 0.0 34.7

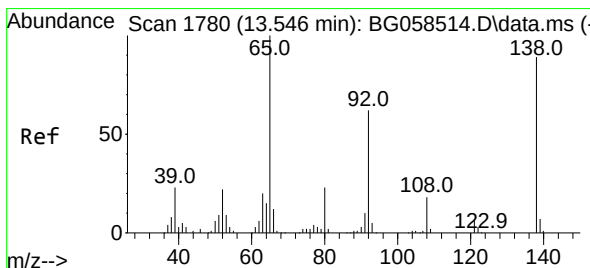
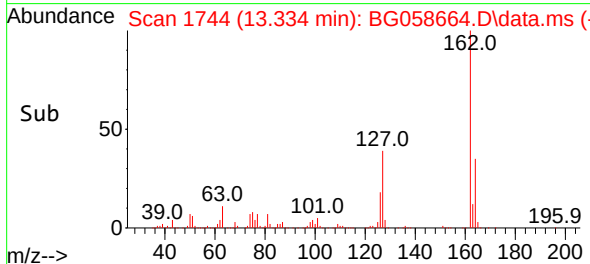
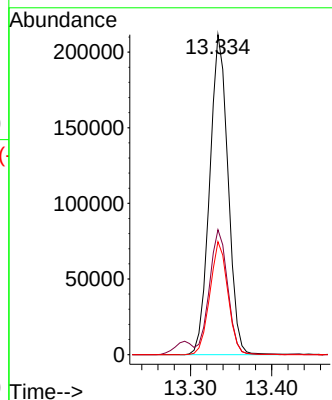
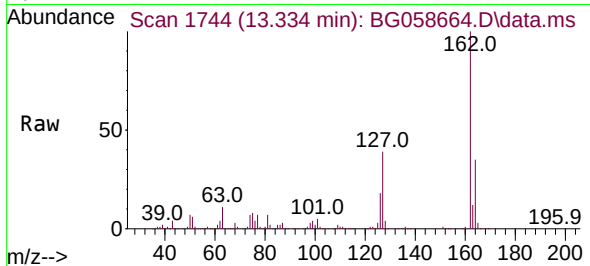




#47
2-Chloronaphthalene
Concen: 44.357 ng
RT: 13.334 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

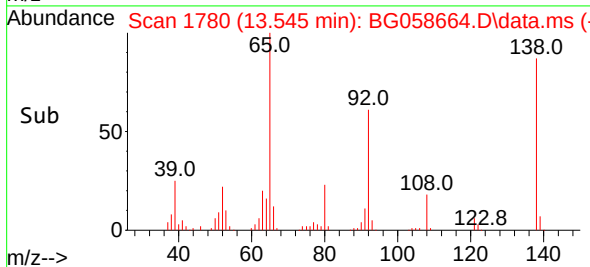
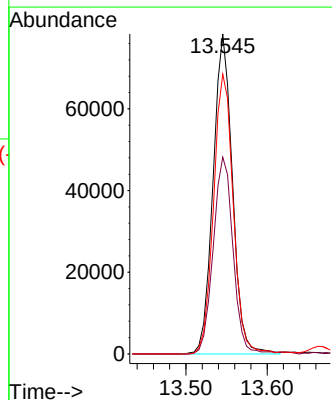
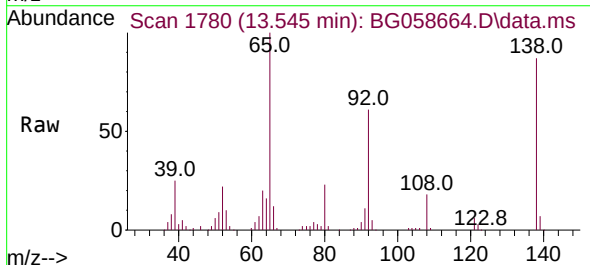
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS

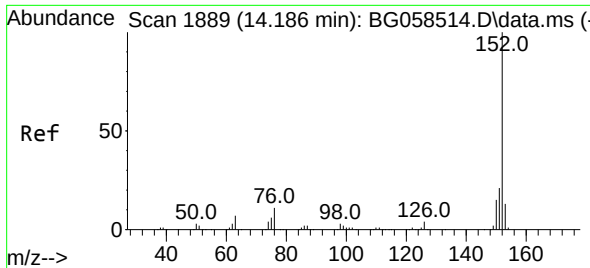
Tgt Ion:162 Resp: 332249
Ion Ratio Lower Upper
162 100
127 39.0 30.9 46.3
164 35.3 27.2 40.8



#48
2-Nitroaniline
Concen: 45.300 ng
RT: 13.545 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

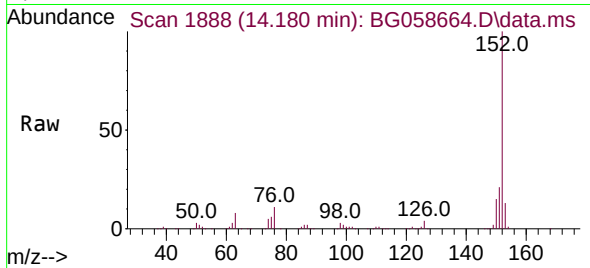
Tgt Ion: 65 Resp: 129512
Ion Ratio Lower Upper
65 100
92 61.5 49.2 73.8
138 87.4 71.5 107.3



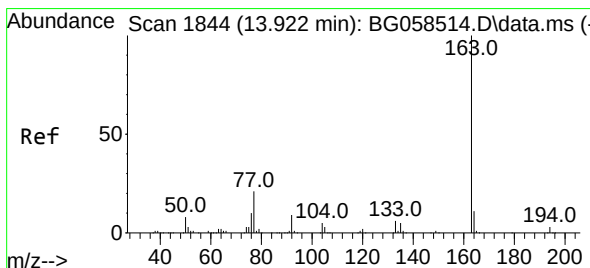
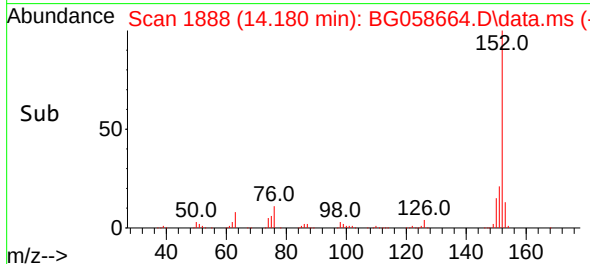
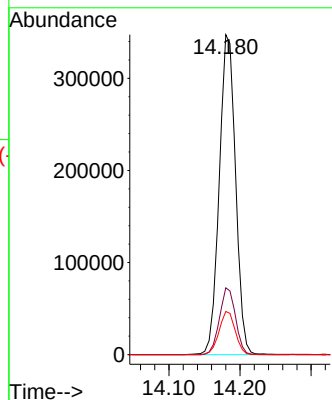


#49
Acenaphthylene
Concen: 44.329 ng
RT: 14.180 min Scan# 1888
Delta R.T. -0.006 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS

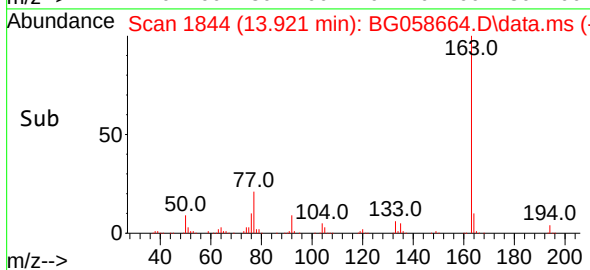
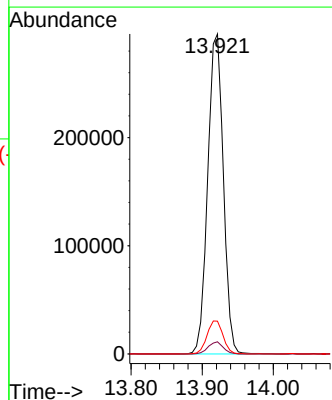
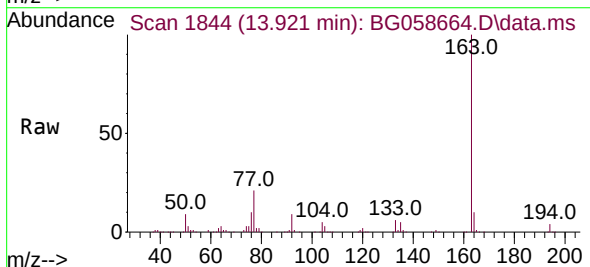


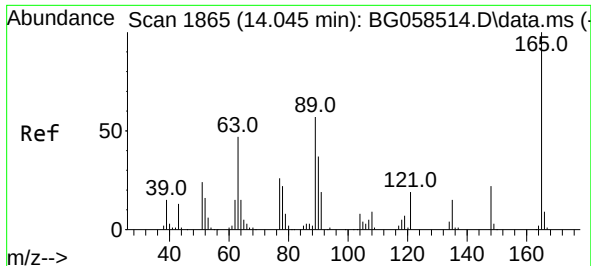
Tgt Ion:152 Resp: 555910
Ion Ratio Lower Upper
152 100
151 20.9 16.5 24.7
153 13.5 10.7 16.1



#50
Dimethylphthalate
Concen: 42.720 ng
RT: 13.921 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

Tgt Ion:163 Resp: 448808
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.2 8.6 12.8

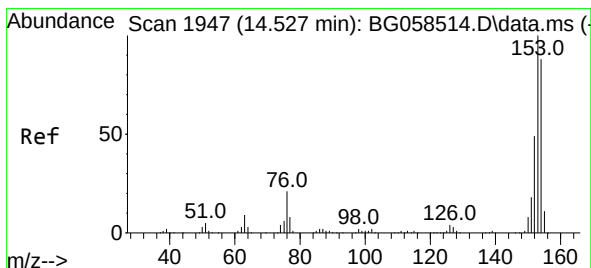
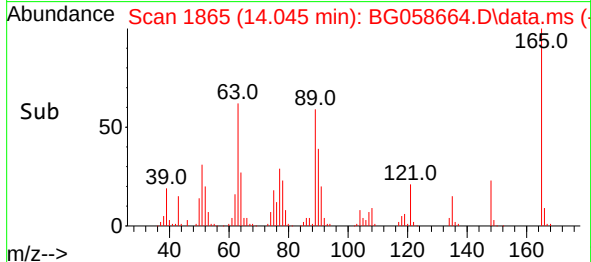
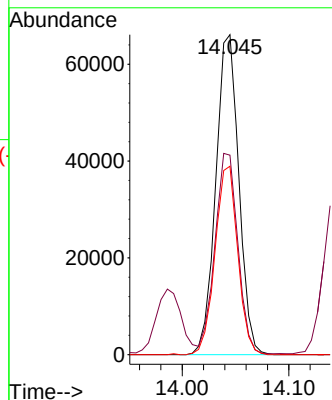
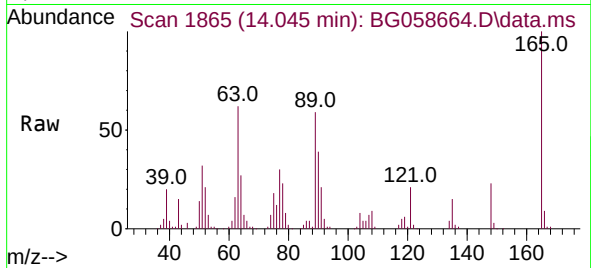




#51
2,6-Dinitrotoluene
Concen: 43.102 ng
RT: 14.045 min Scan# 1865
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

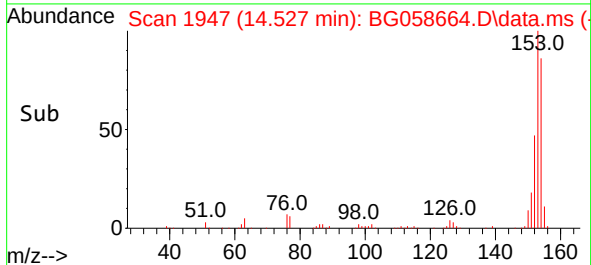
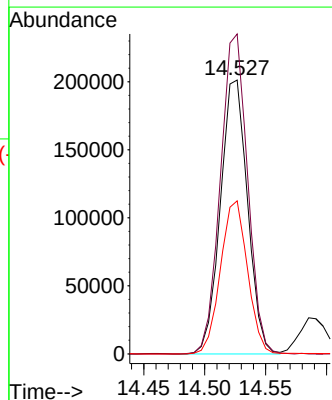
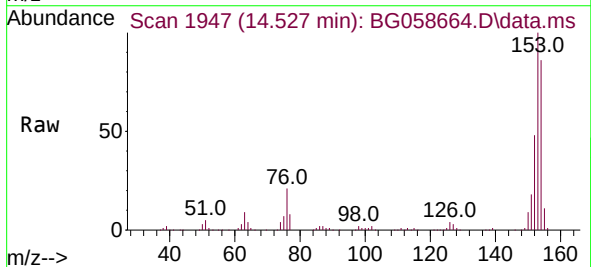
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS

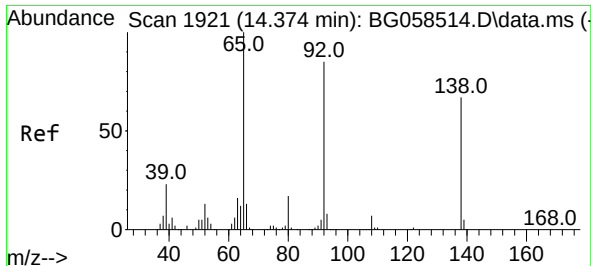
Tgt Ion:165 Resp: 99356
Ion Ratio Lower Upper
165 100
63 62.3 46.4 69.6
89 58.9 45.3 67.9



#52
Acenaphthene
Concen: 43.088 ng
RT: 14.527 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

Tgt Ion:154 Resp: 312220
Ion Ratio Lower Upper
154 100
153 116.9 91.1 136.7
152 55.9 44.6 66.8

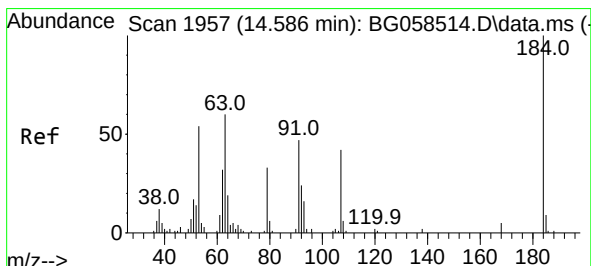
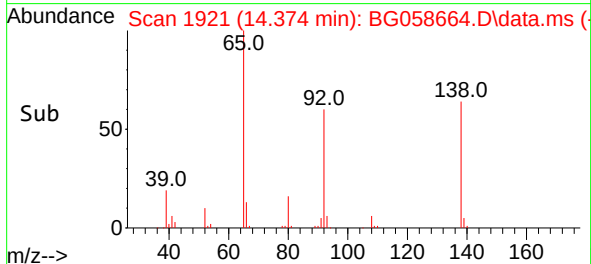
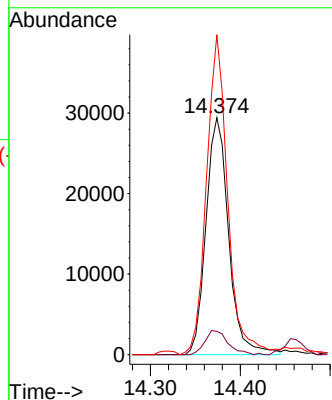
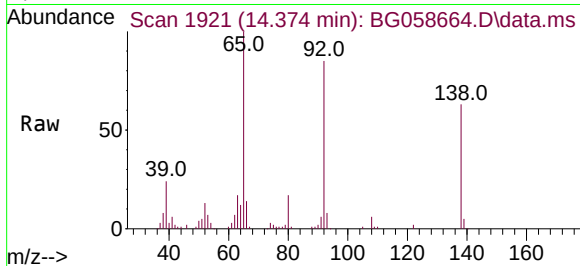




#53
3-Nitroaniline
Concen: 22.474 ng
RT: 14.374 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

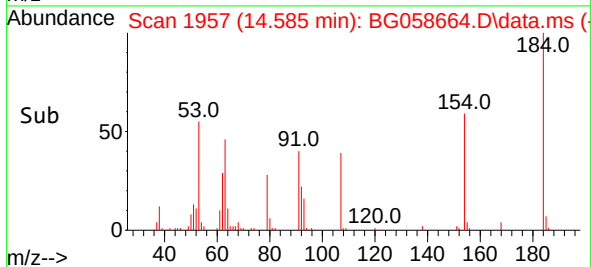
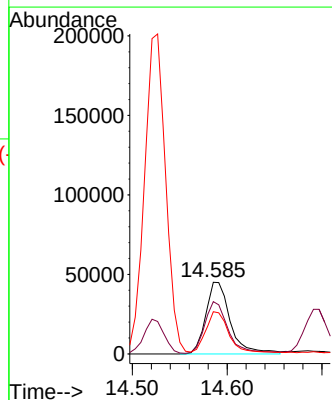
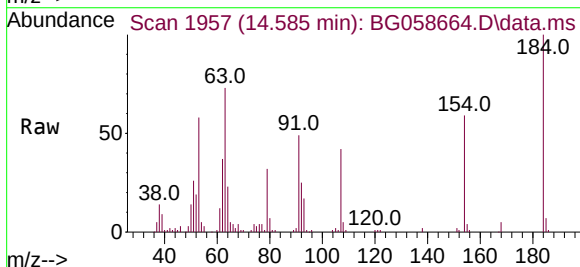
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS

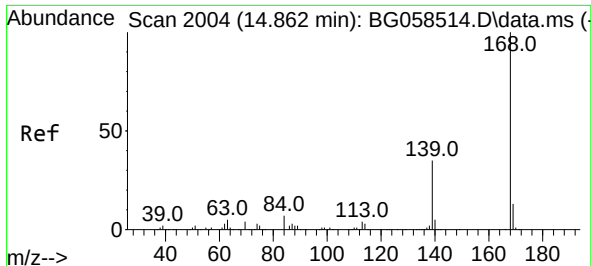
Tgt Ion:138 Resp: 51831
Ion Ratio Lower Upper
138 100
108 9.9 8.3 12.5
92 135.1 101.1 151.7



#54
2,4-Dinitrophenol
Concen: 64.065 ng
RT: 14.585 min Scan# 1957
Delta R.T. -0.001 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

Tgt Ion:184 Resp: 81112
Ion Ratio Lower Upper
184 100
63 73.1 56.7 85.1
154 59.0 46.1 69.1

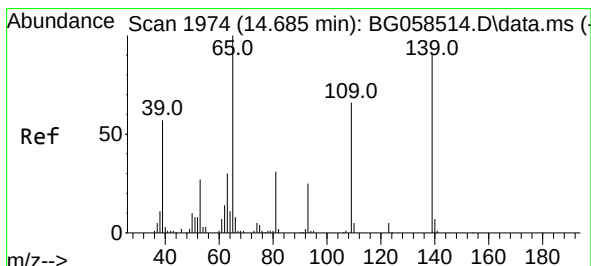
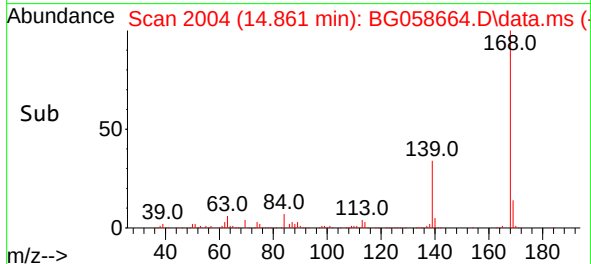
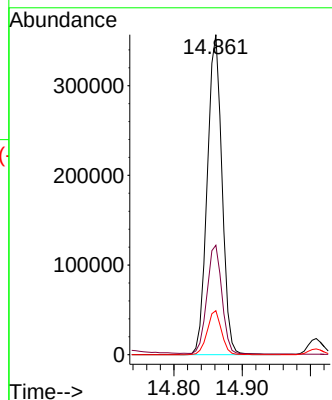
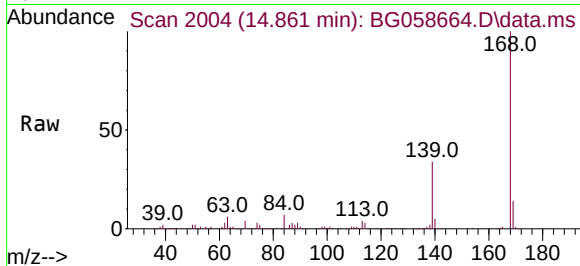




#55
Dibenzofuran
Concen: 42.940 ng
RT: 14.861 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

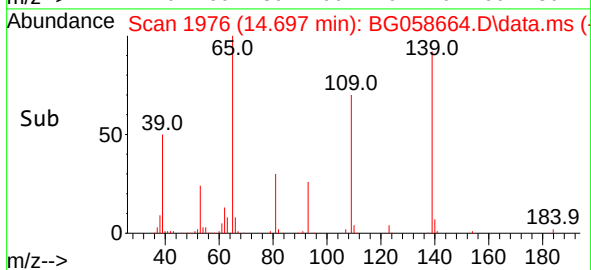
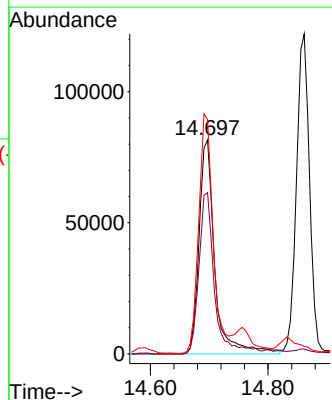
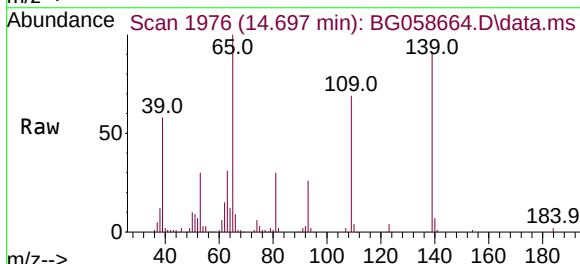
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS

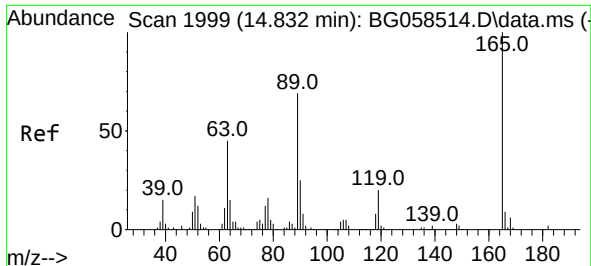
Tgt Ion:168 Resp: 534658
Ion Ratio Lower Upper
168 100
139 34.2 27.8 41.8
169 13.7 10.6 16.0



#56
4-Nitrophenol
Concen: 88.316 ng
RT: 14.697 min Scan# 1976
Delta R.T. 0.012 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

Tgt Ion:139 Resp: 151543
Ion Ratio Lower Upper
139 100
109 75.3 52.5 92.5
65 109.4 90.5 130.5





#57

2,4-Dinitrotoluene

Concen: 44.618 ng

RT: 14.832 min Scan# 1999

Delta R.T. 0.000 min

Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MS

Tgt Ion:165 Resp: 142589

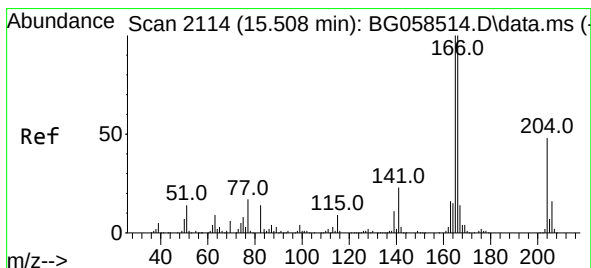
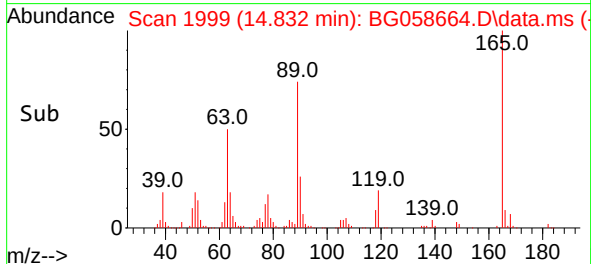
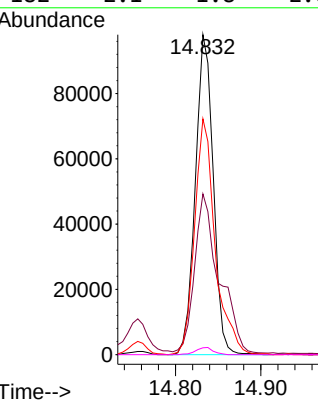
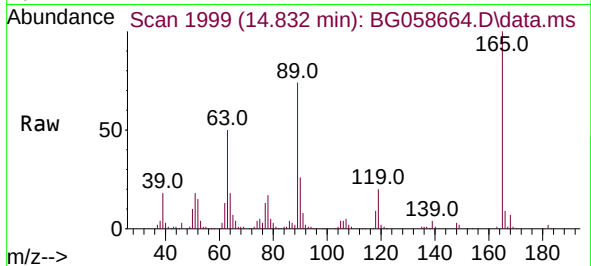
Ion Ratio Lower Upper

165 100

63 50.2 36.6 54.8

89 73.7 55.4 83.0

182 2.1 1.8 2.6



#58

Fluorene

Concen: 43.696 ng

RT: 15.508 min Scan# 2114

Delta R.T. -0.000 min

Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

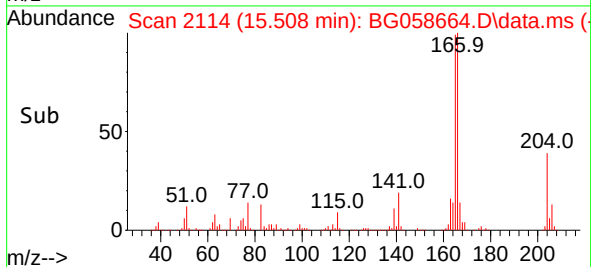
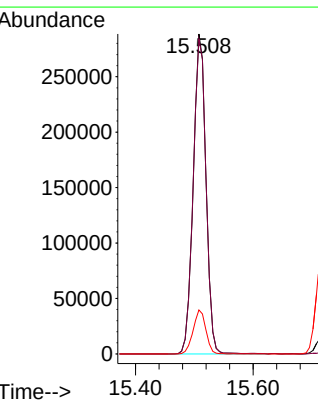
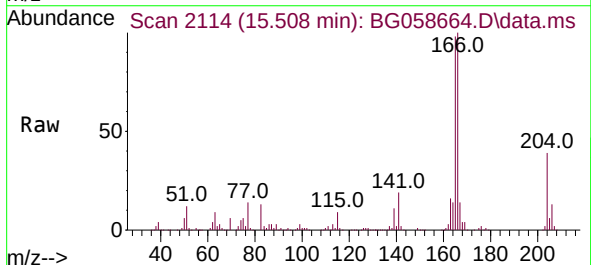
Tgt Ion:166 Resp: 432209

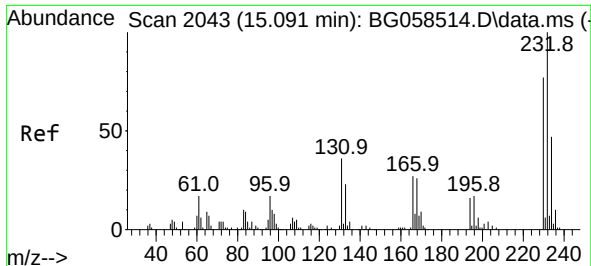
Ion Ratio Lower Upper

166 100

165 98.4 80.0 120.0

167 13.7 11.3 16.9

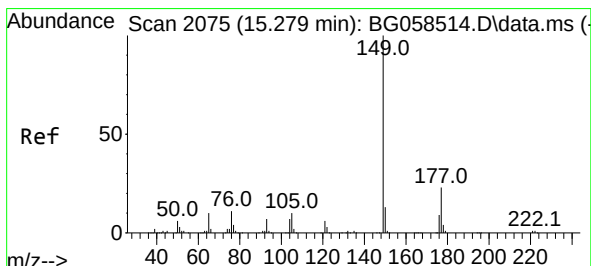
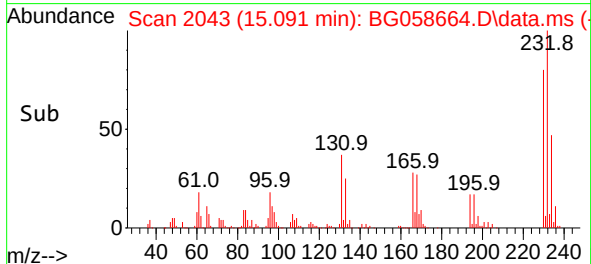
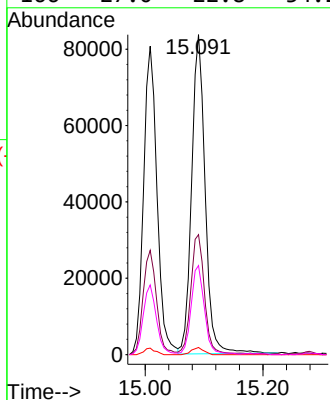
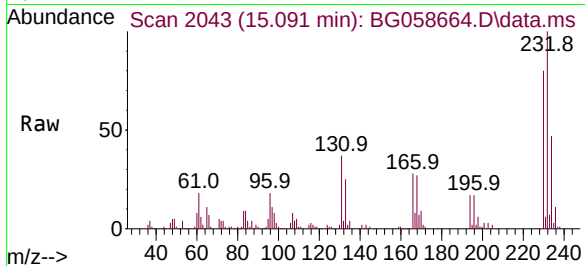




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.955 ng
RT: 15.091 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

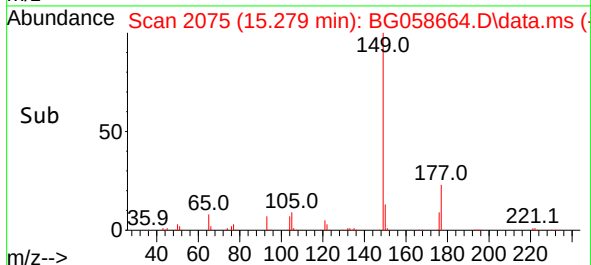
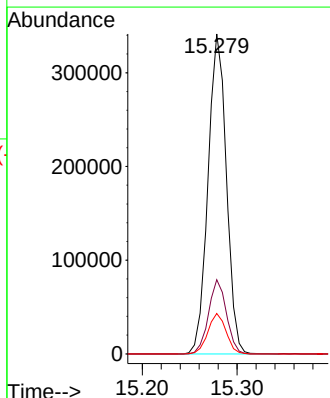
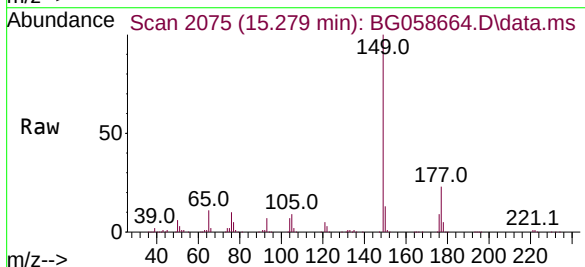
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS

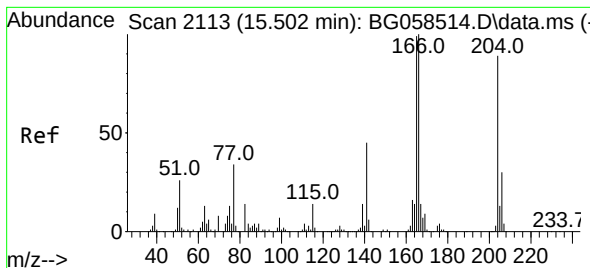
Tgt Ion:232 Resp: 133465
Ion Ratio Lower Upper
232 100
131 37.3 30.0 45.0
130 2.0 1.5 2.3
166 27.0 22.8 34.2



#60
Diethylphthalate
Concen: 42.970 ng
RT: 15.279 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

Tgt Ion:149 Resp: 459897
Ion Ratio Lower Upper
149 100
177 23.2 18.2 27.4
150 12.6 10.2 15.4

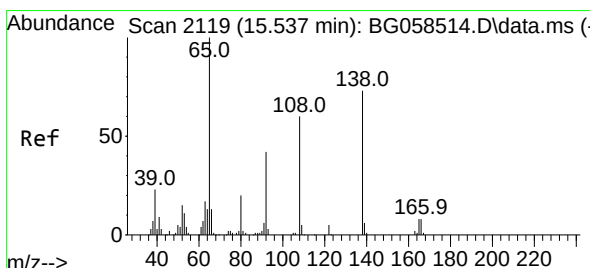
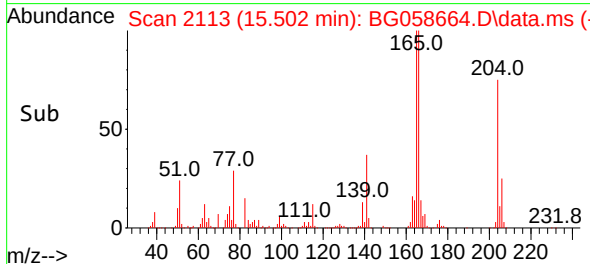
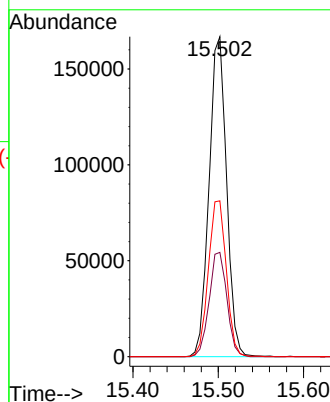
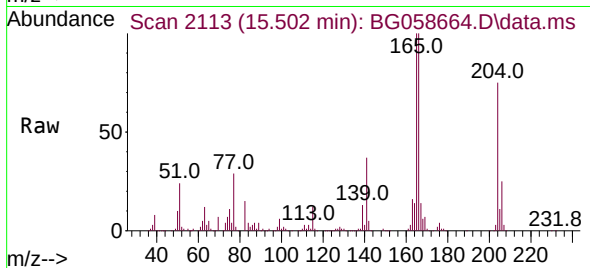




#61
4-Chlorophenyl-phenylether
Concen: 43.038 ng
RT: 15.502 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

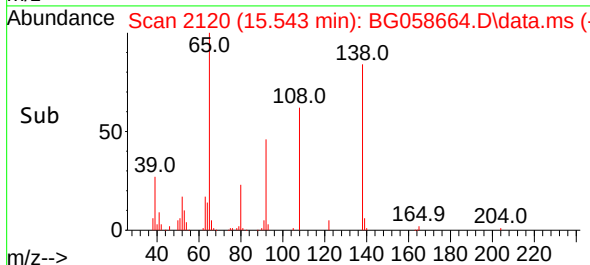
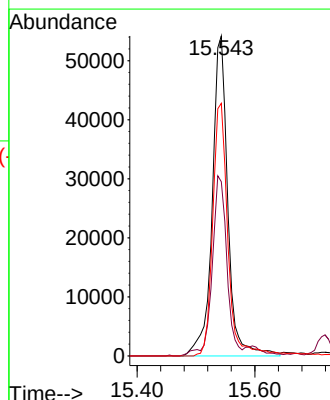
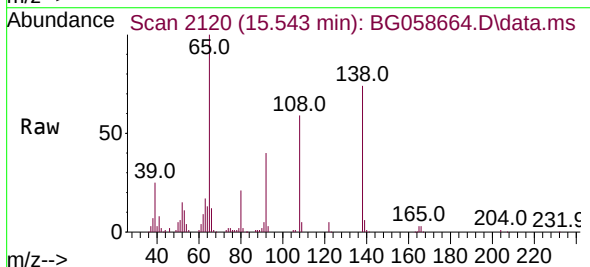
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS

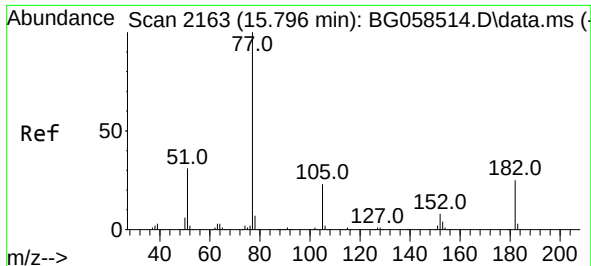
Tgt Ion:204 Resp: 237337
Ion Ratio Lower Upper
204 100
206 32.6 27.0 40.4
141 48.7 40.8 61.2



#62
4-Nitroaniline
Concen: 45.665 ng
RT: 15.543 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

Tgt Ion:138 Resp: 99767
Ion Ratio Lower Upper
138 100
92 54.5 37.3 77.3
108 78.9 62.6 102.6

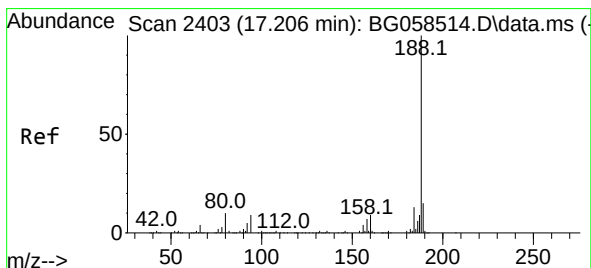
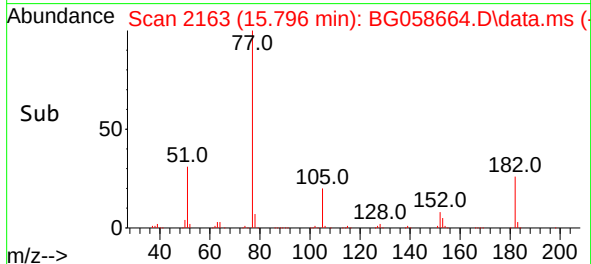
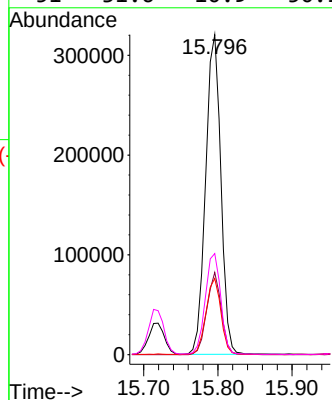
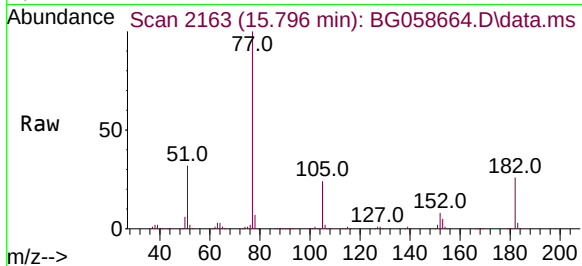




#63
Azobenzene
Concen: 43.272 ng
RT: 15.796 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

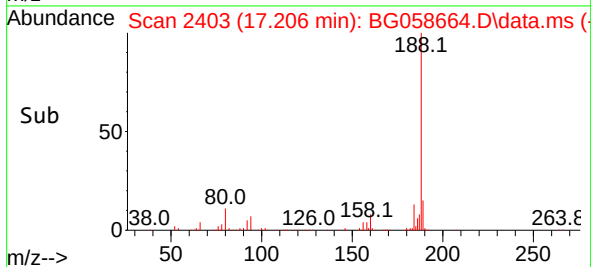
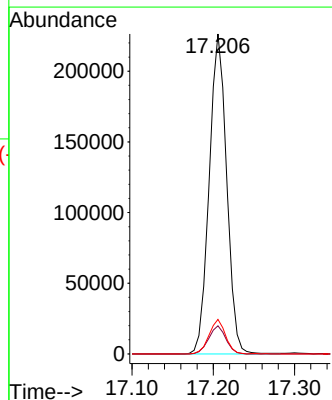
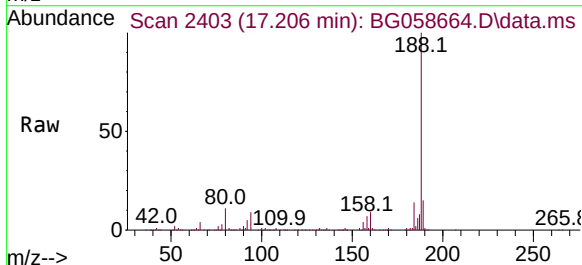
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS

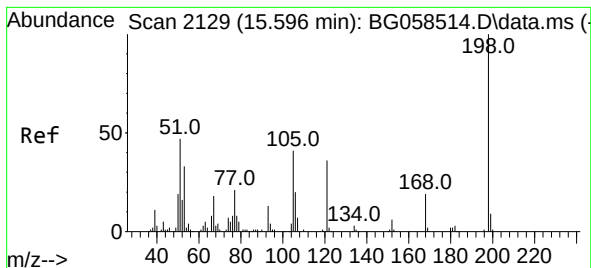
Tgt Ion:	77	Resp:	456161
Ion	Ratio	Lower	Upper
77	100		
182	25.7	4.6	44.6
105	23.8	3.3	43.3
51	31.6	10.9	50.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

Tgt Ion:	188	Resp:	338640
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.6
80	10.8	8.1	12.1

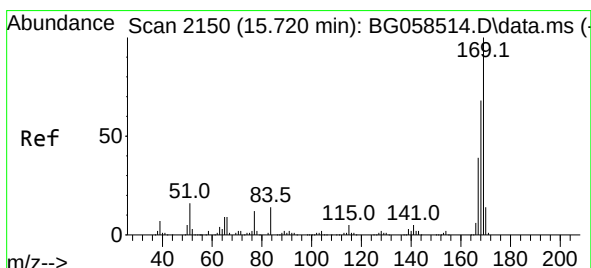
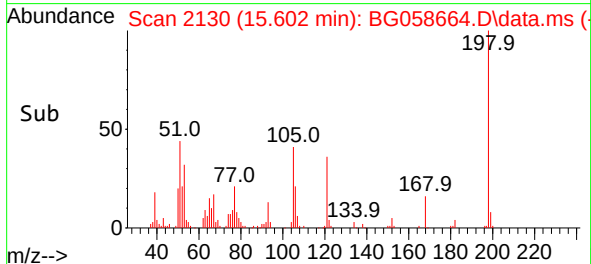
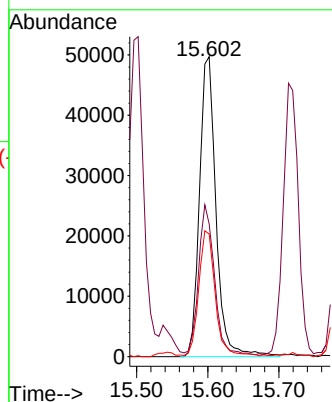
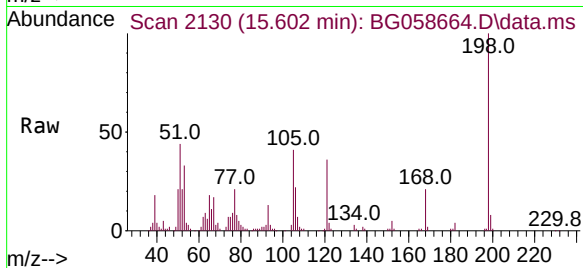




#65
4,6-Dinitro-2-methylphenol
Concen: 42.803 ng
RT: 15.602 min Scan# 211
Delta R.T. 0.006 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

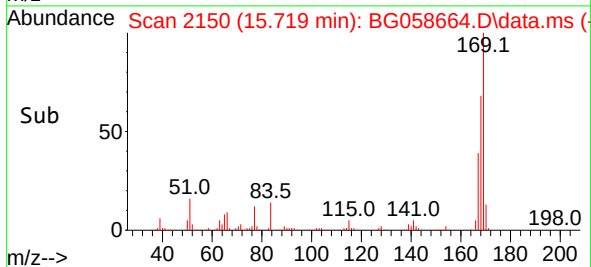
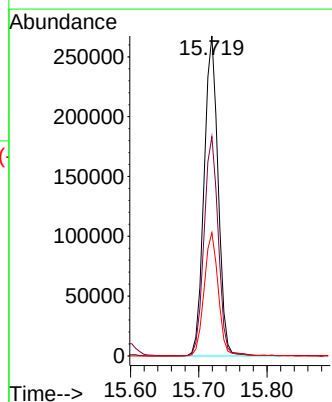
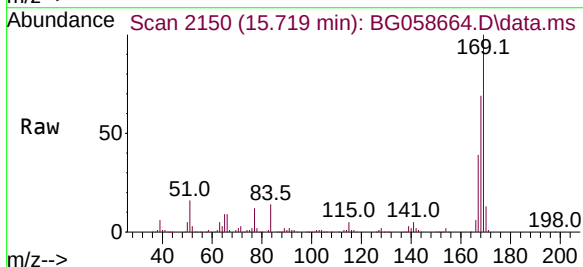
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS

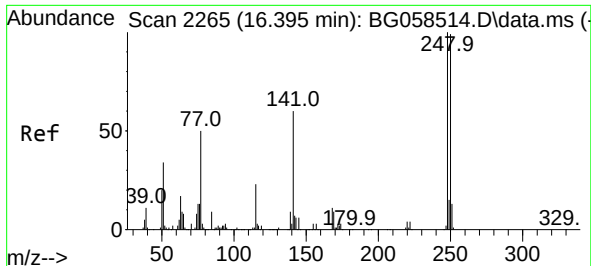
Tgt Ion:198 Resp: 79922
Ion Ratio Lower Upper
198 100
51 44.2 29.3 69.3
105 40.9 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 43.399 ng
RT: 15.719 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

Tgt Ion:169 Resp: 382509
Ion Ratio Lower Upper
169 100
168 68.5 54.6 82.0
167 38.5 31.3 46.9

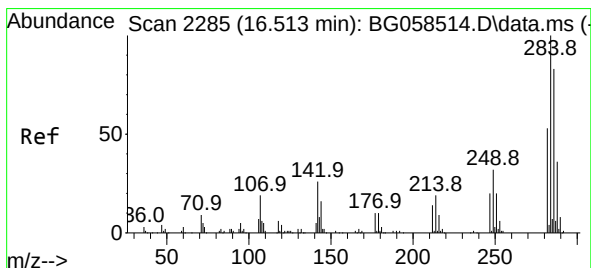
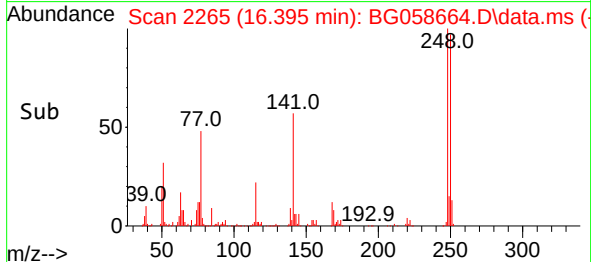
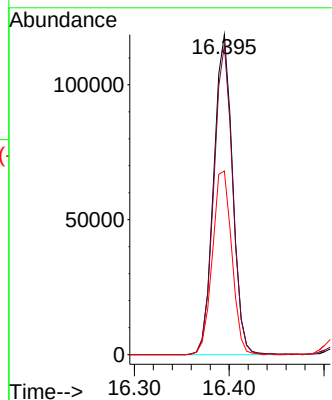
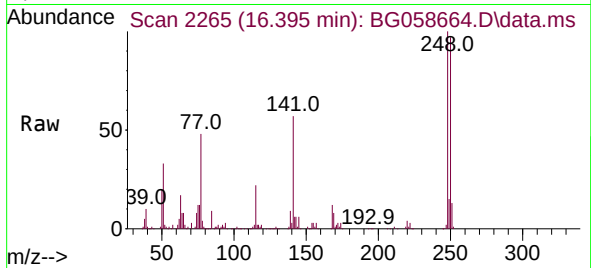




#67
4-Bromophenyl-phenylether
Concen: 42.726 ng
RT: 16.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

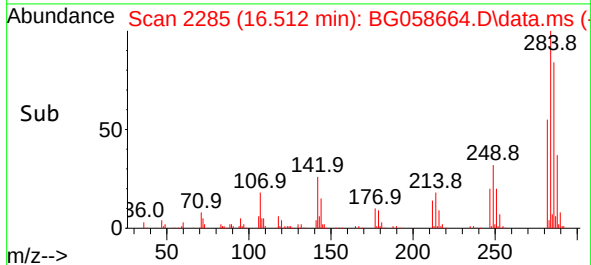
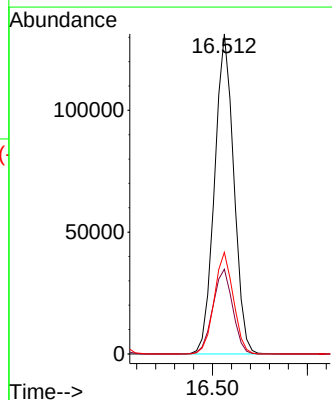
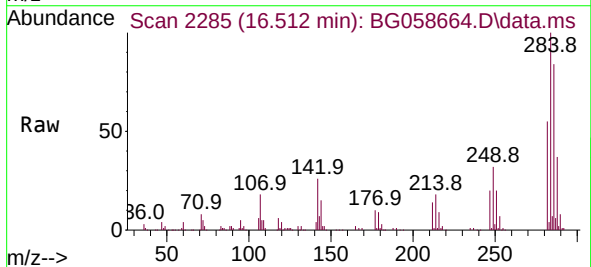
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS

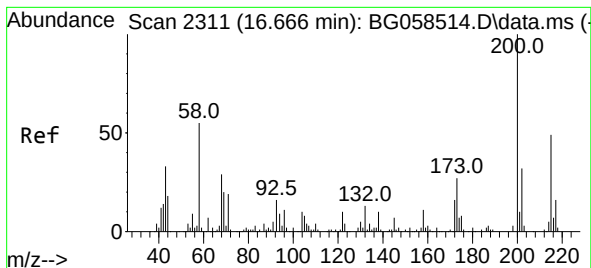
Tgt Ion:248 Resp: 164108
Ion Ratio Lower Upper
248 100
250 96.8 79.5 119.3
141 57.4 48.2 72.2



#68
Hexachlorobenzene
Concen: 45.478 ng
RT: 16.512 min Scan# 2285
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

Tgt Ion:284 Resp: 185096
Ion Ratio Lower Upper
284 100
142 26.5 21.0 31.4
249 31.7 25.5 38.3





#69

Atrazine

Concen: 52.852 ng

RT: 16.665 min Scan# 2311

Delta R.T. -0.000 min

Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MS

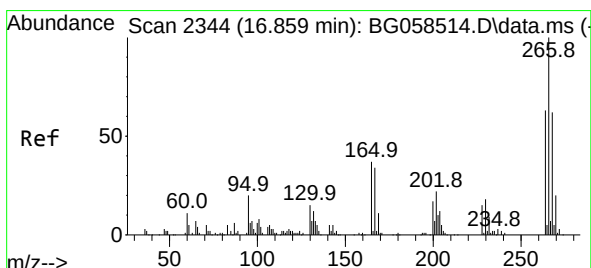
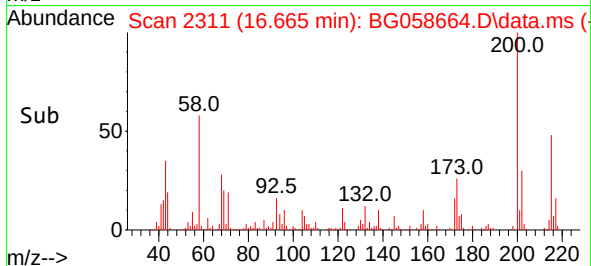
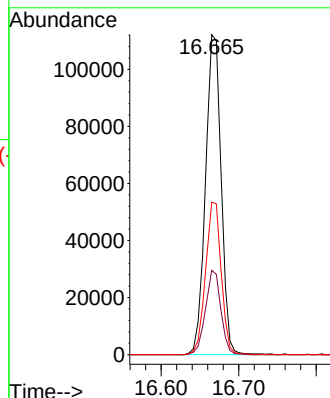
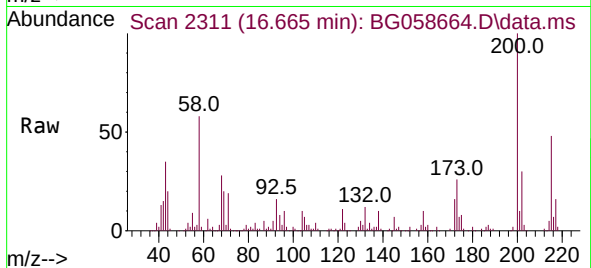
Tgt Ion:200 Resp: 157253

Ion Ratio Lower Upper

200 100

173 26.3 6.5 46.5

215 47.6 28.9 68.9



#70

Pentachlorophenol

Concen: 70.370 ng

RT: 16.859 min Scan# 2344

Delta R.T. 0.000 min

Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

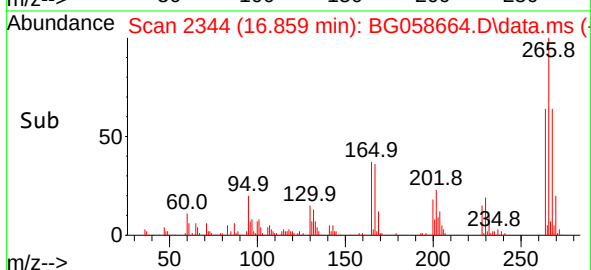
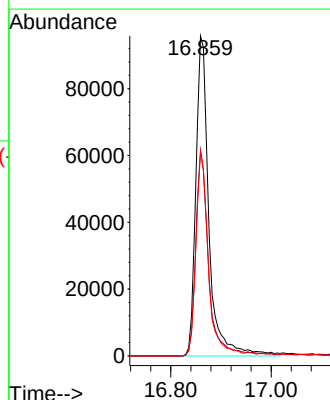
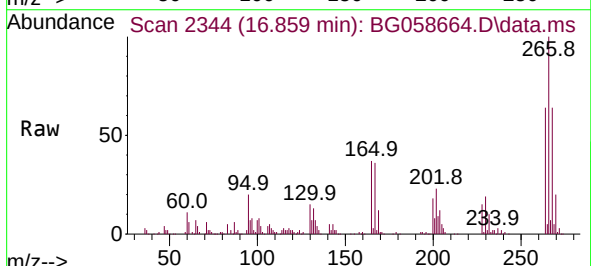
Tgt Ion:266 Resp: 173356

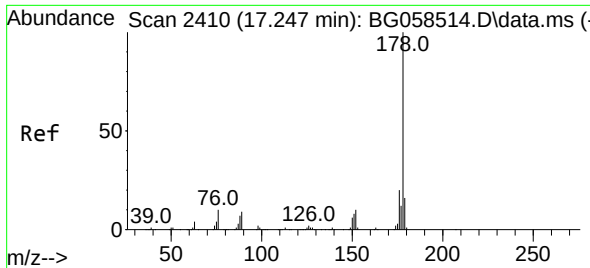
Ion Ratio Lower Upper

266 100

268 64.3 49.9 74.9

264 63.9 50.2 75.4

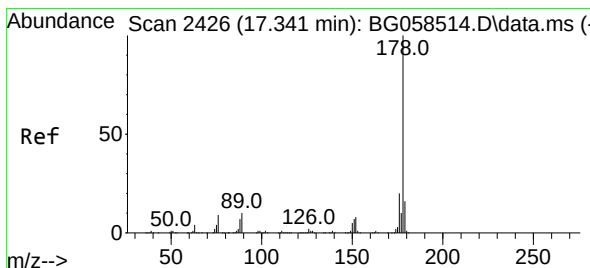
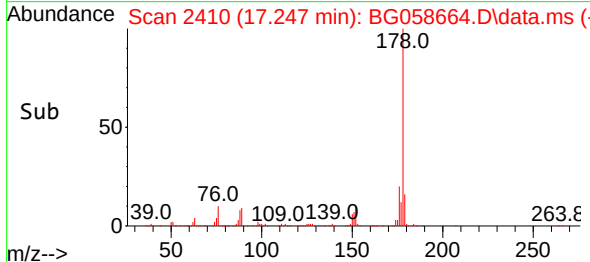
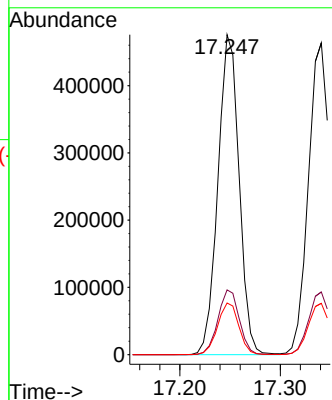
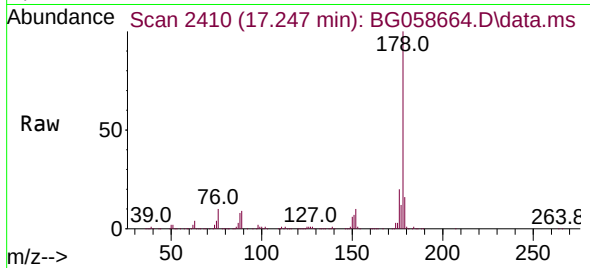




#71
Phenanthrene
Concen: 43.513 ng
RT: 17.247 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

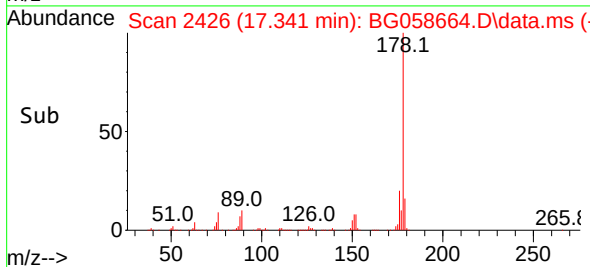
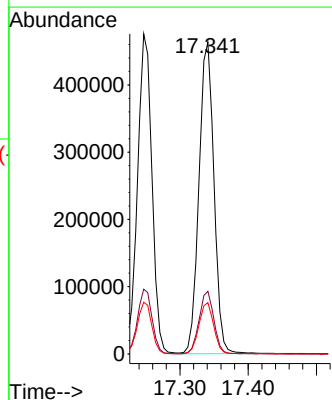
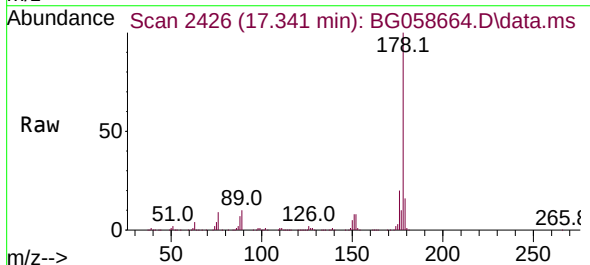
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS

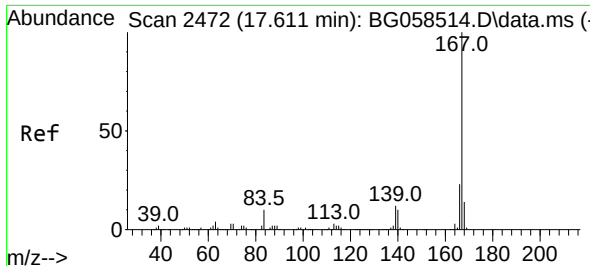
Tgt Ion:178 Resp: 698817
Ion Ratio Lower Upper
178 100
176 20.2 16.3 24.5
179 16.1 13.1 19.7



#72
Anthracene
Concen: 42.968 ng
RT: 17.341 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

Tgt Ion:178 Resp: 708062
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 16.4 12.9 19.3

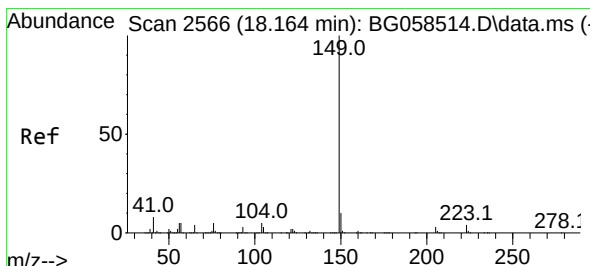
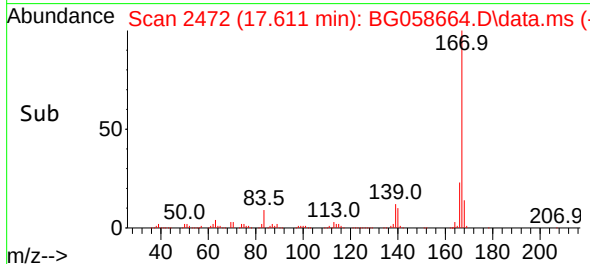
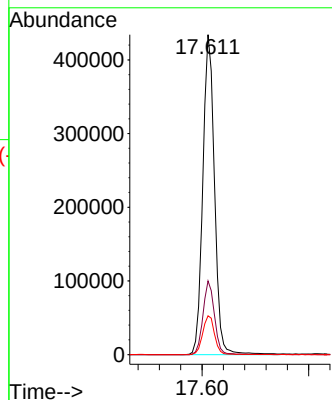
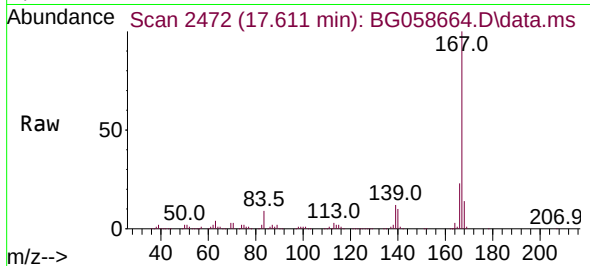




#73
 Carbazole
 Concen: 45.411 ng
 RT: 17.611 min Scan# 2472
 Delta R.T. -0.000 min
 Lab File: BG058664.D
 Acq: 9 Aug 2023 18:40

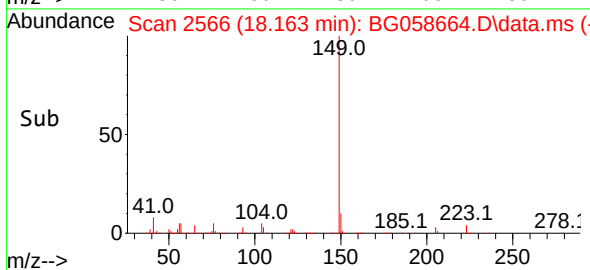
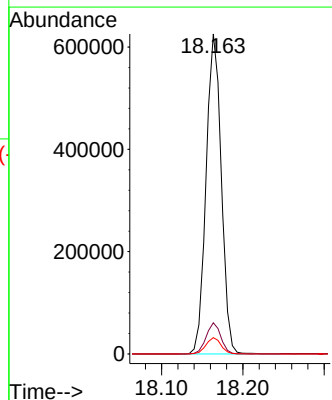
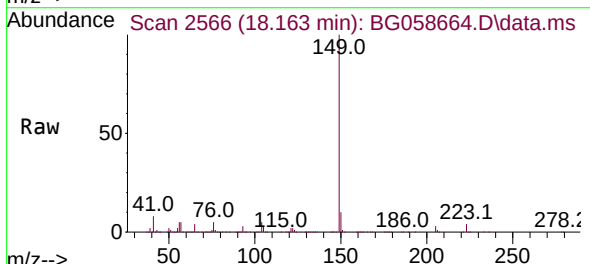
Instrument :
 BNA_G
 ClientSampleId :
 ORA-1745-1746-1747MS

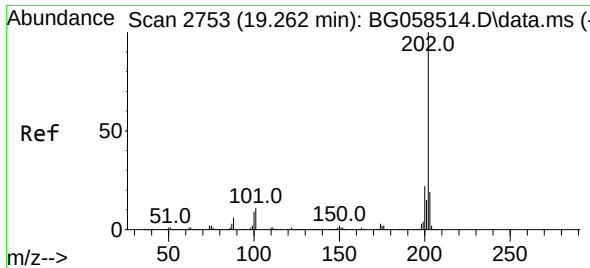
Tgt Ion:167 Resp: 659888
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.4 27.6
 139 12.1 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 44.709 ng
 RT: 18.163 min Scan# 2566
 Delta R.T. -0.000 min
 Lab File: BG058664.D
 Acq: 9 Aug 2023 18:40

Tgt Ion:149 Resp: 813749
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.6
 104 5.1 4.0 6.0

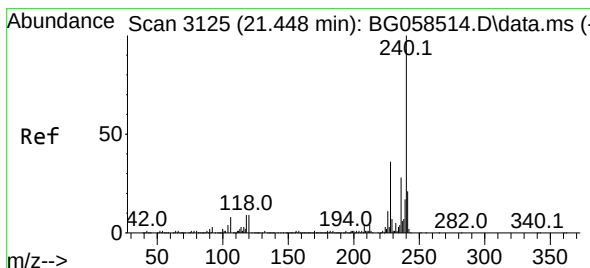
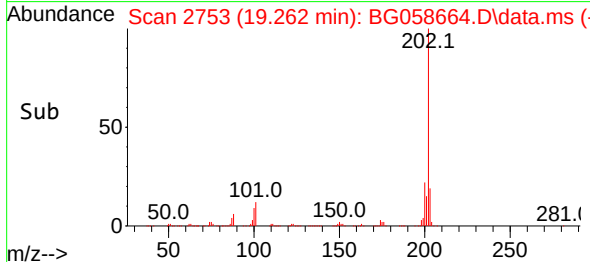
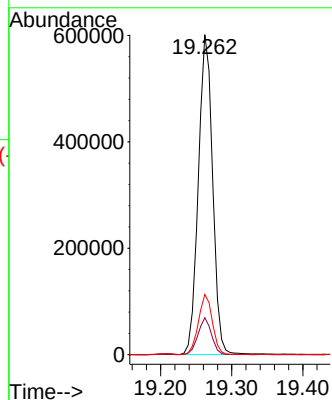
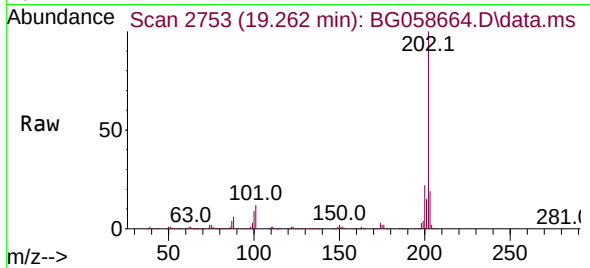




#75
Fluoranthene
Concen: 43.448 ng
RT: 19.262 min Scan# 2753
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

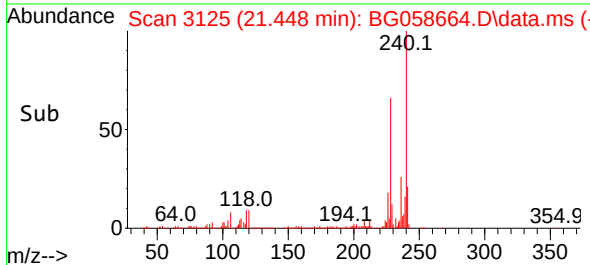
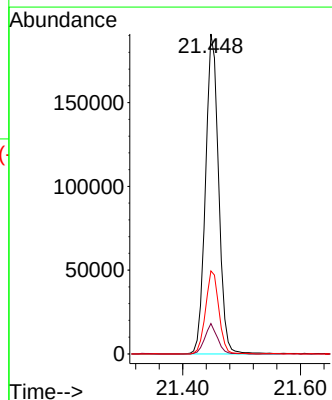
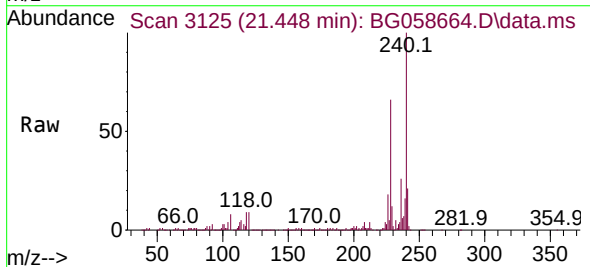
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS

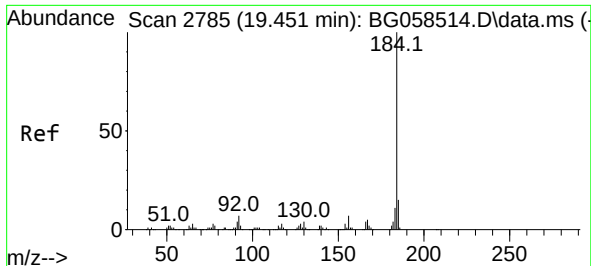
Tgt Ion:202 Resp: 838164
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.4
203 18.8 0.0 39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

Tgt Ion:240 Resp: 295702
Ion Ratio Lower Upper
240 100
120 9.5 7.4 11.0
236 25.9 22.2 33.4

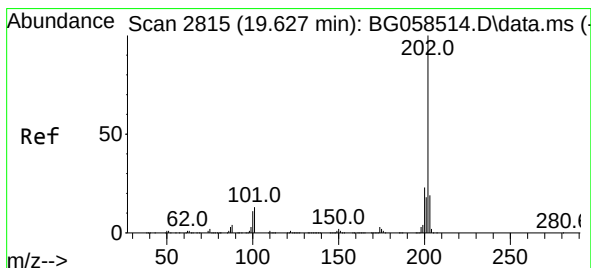
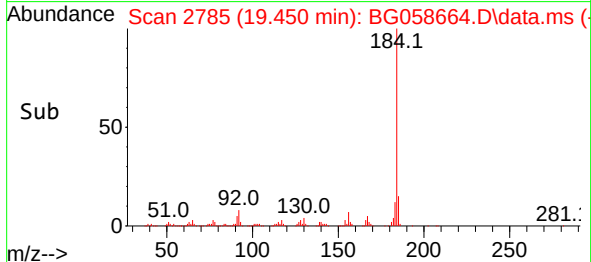
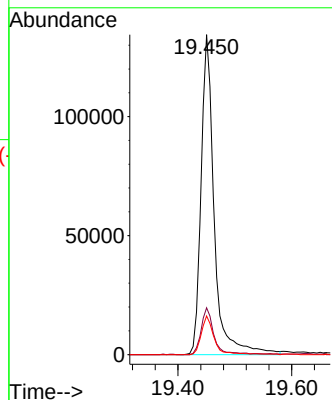
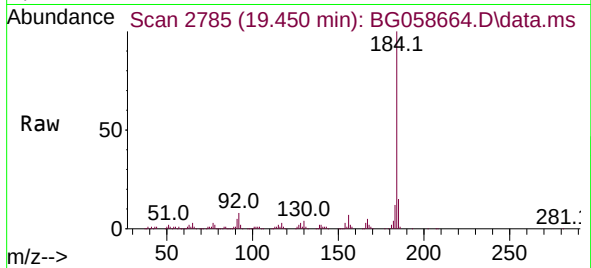




#77
Benzidine
Concen: 47.920 ng
RT: 19.450 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

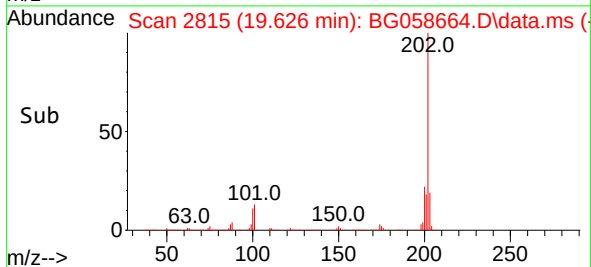
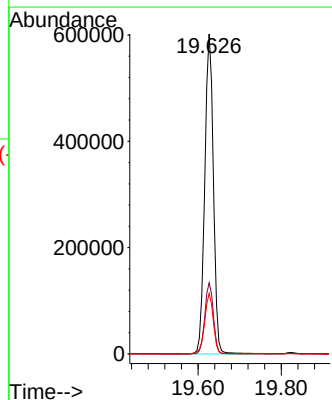
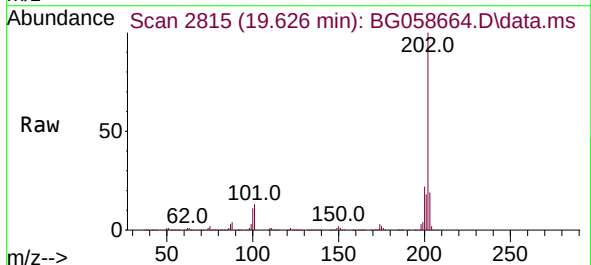
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS

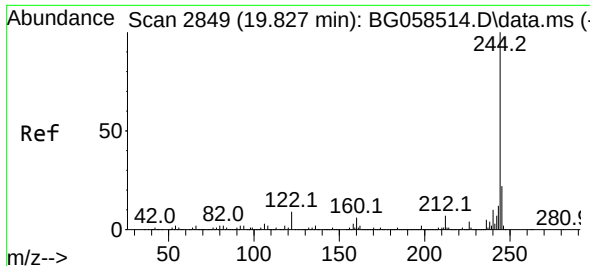
Tgt Ion:184 Resp: 214874
Ion Ratio Lower Upper
184 100
185 14.6 11.9 17.9
183 12.1 8.7 13.1



#78
Pyrene
Concen: 43.257 ng
RT: 19.626 min Scan# 2815
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

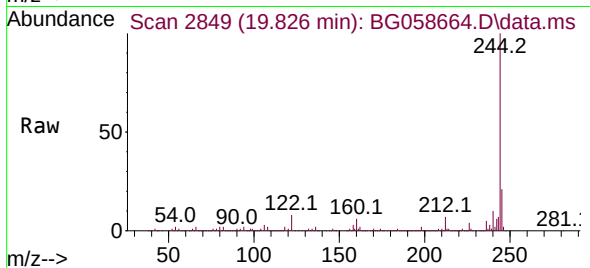
Tgt Ion:202 Resp: 870510
Ion Ratio Lower Upper
202 100
200 22.2 18.2 27.2
203 18.9 15.1 22.7



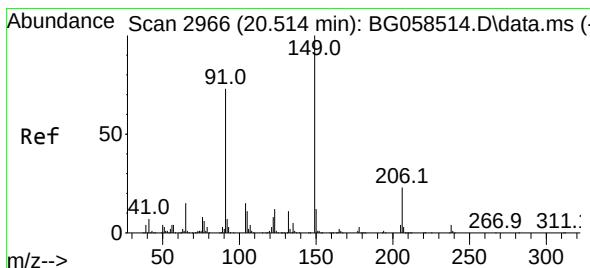
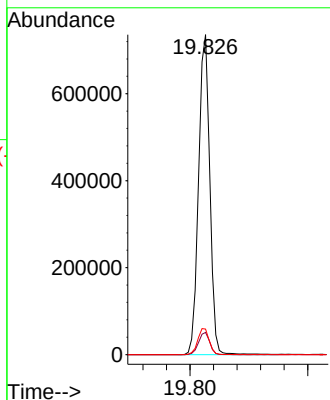
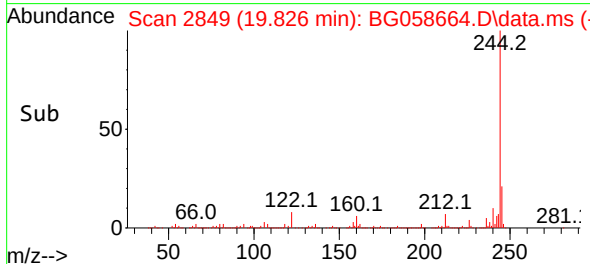


#79
 Terphenyl-d14
 Concen: 61.882 ng
 RT: 19.826 min Scan# 2849
 Delta R.T. -0.000 min
 Lab File: BG058664.D
 Acq: 9 Aug 2023 18:40

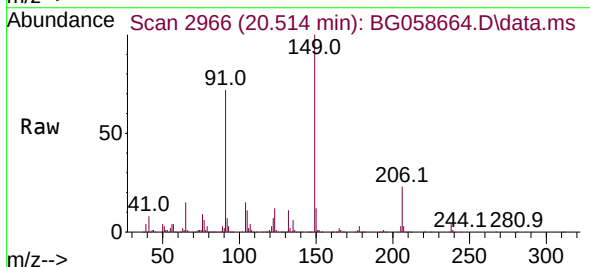
Instrument :
 BNA_G
 ClientSampleId :
 ORA-1745-1746-1747MS



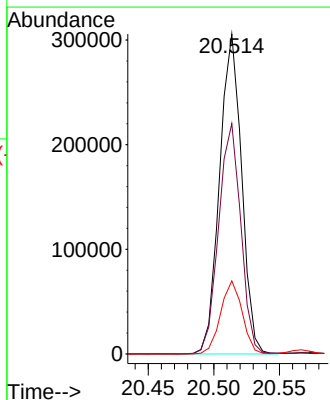
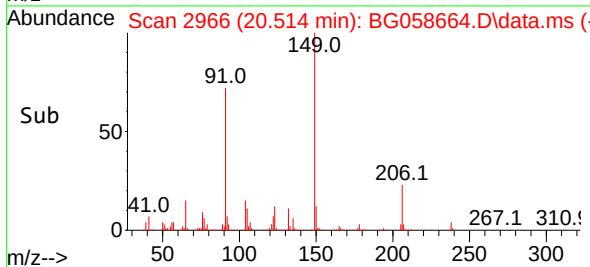
Tgt Ion:244 Resp: 973064
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 8.0 6.8 10.2

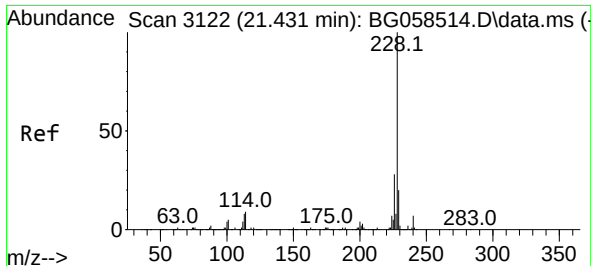


#80
 Butylbenzylphthalate
 Concen: 43.267 ng
 RT: 20.514 min Scan# 2966
 Delta R.T. -0.000 min
 Lab File: BG058664.D
 Acq: 9 Aug 2023 18:40



Tgt Ion:149 Resp: 357651
 Ion Ratio Lower Upper
 149 100
 91 72.0 58.4 87.6
 206 22.8 18.3 27.5

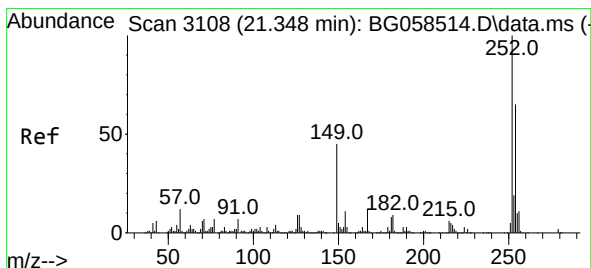
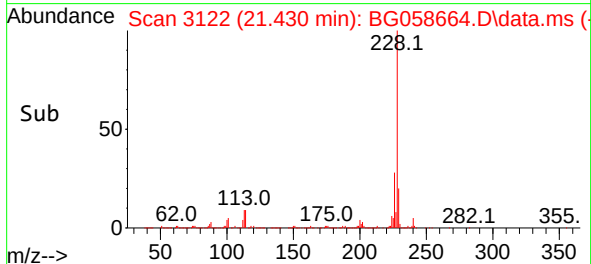
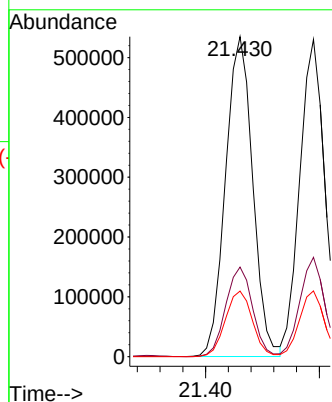
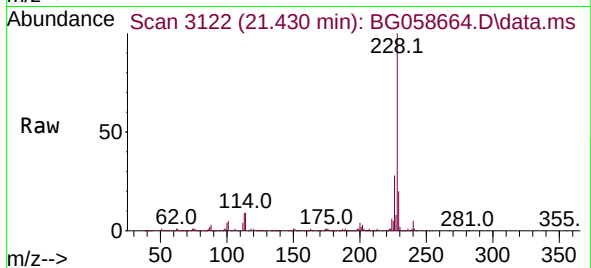




#81
Benzo(a)anthracene
Concen: 43.686 ng
RT: 21.430 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

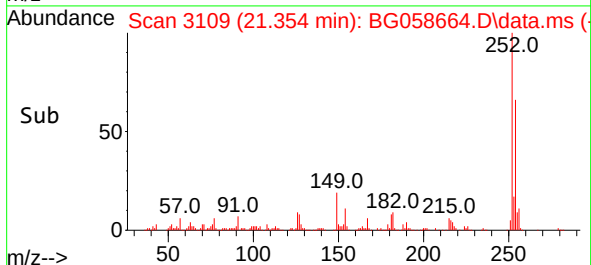
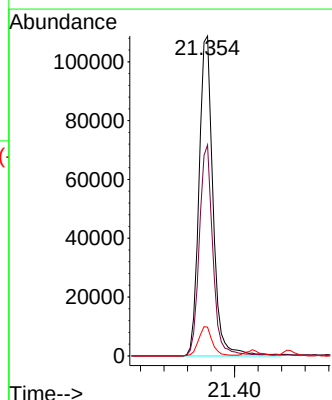
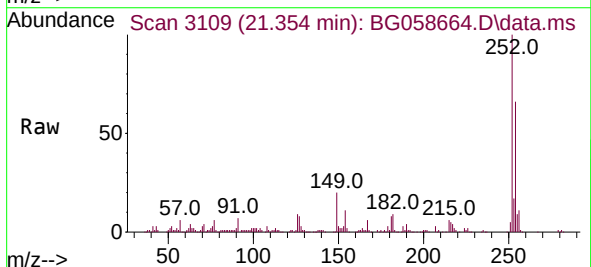
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS

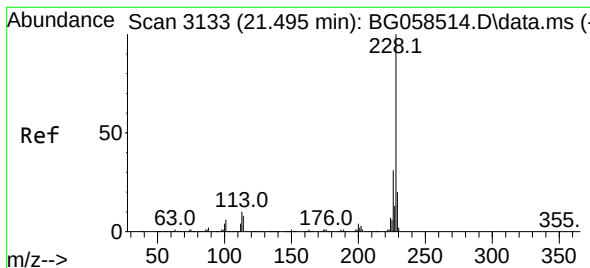
Tgt Ion:228 Resp: 889004
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.5 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 26.009 ng
RT: 21.354 min Scan# 3109
Delta R.T. 0.006 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

Tgt Ion:252 Resp: 178957
Ion Ratio Lower Upper
252 100
254 65.9 52.2 78.4
126 9.0 7.2 10.8





#83

Chrysene

Concen: 41.827 ng

RT: 21.495 min Scan# 3133

Delta R.T. -0.000 min

Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MS

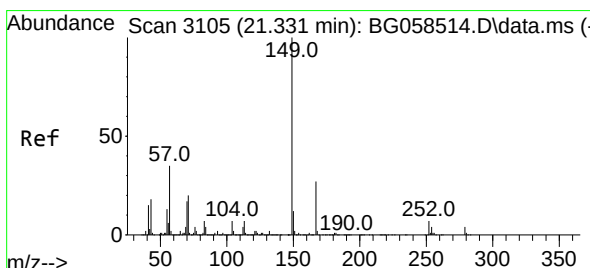
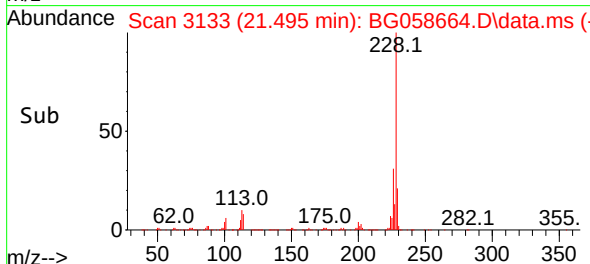
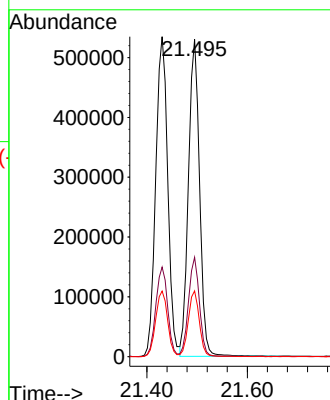
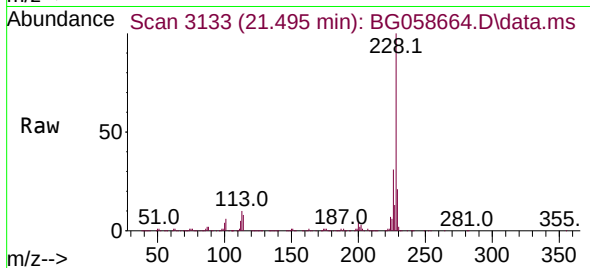
Tgt Ion:228 Resp: 816108

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.6

229 20.7 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.870 ng

RT: 21.330 min Scan# 3105

Delta R.T. -0.000 min

Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

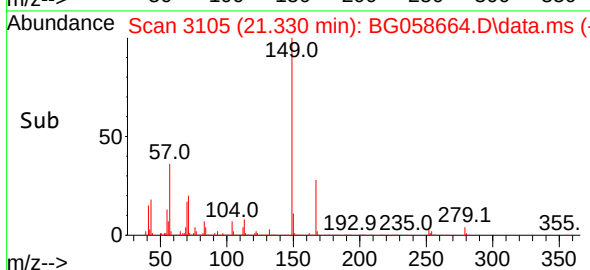
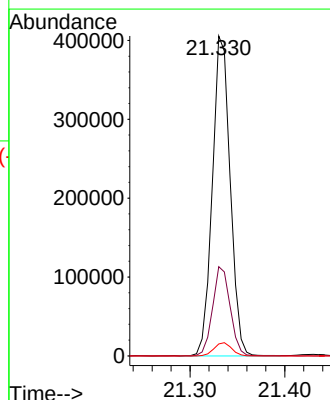
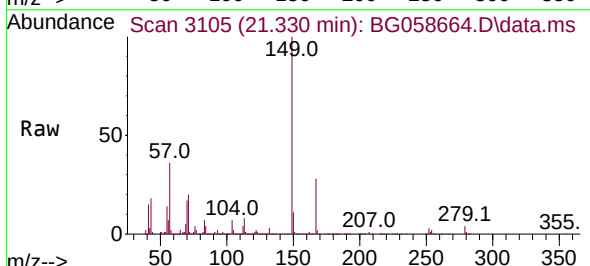
Tgt Ion:149 Resp: 529930

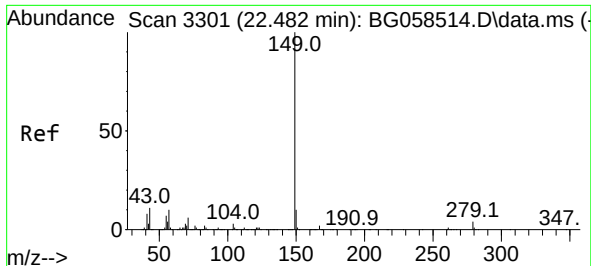
Ion Ratio Lower Upper

149 100

167 27.9 21.8 32.8

279 3.7 2.9 4.3

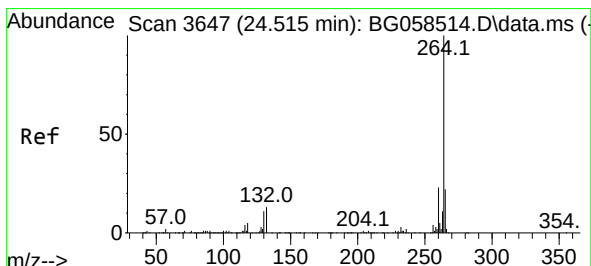
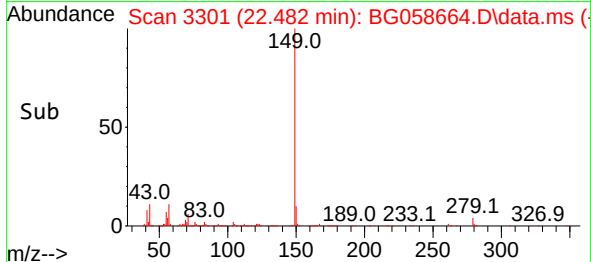
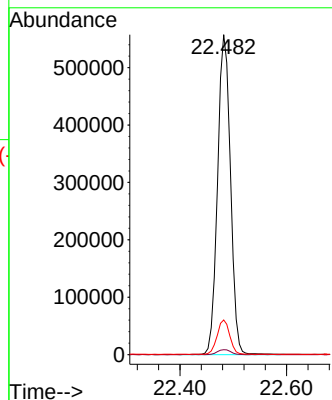
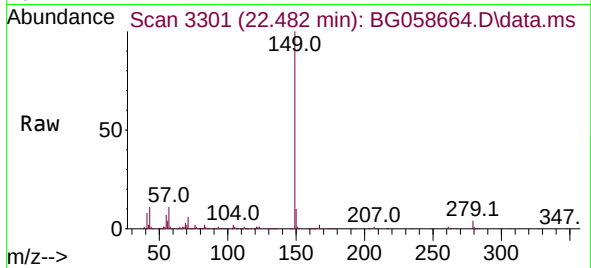




#85
Di-n-octyl phthalate
Concen: 44.068 ng
RT: 22.482 min Scan# 3301
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

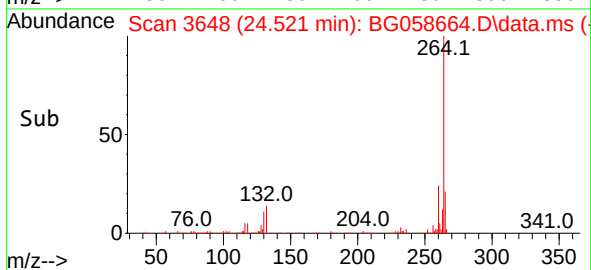
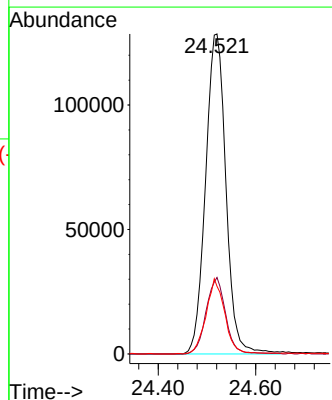
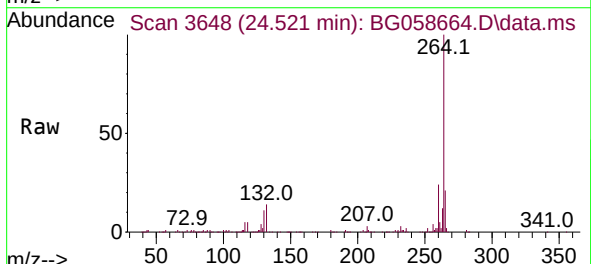
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS

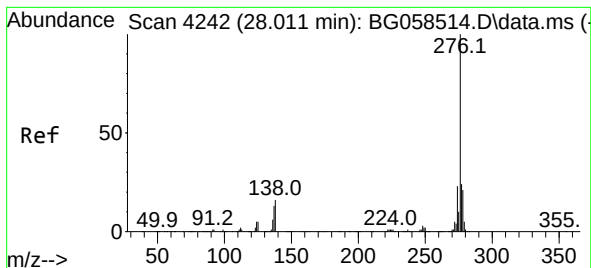
Tgt Ion:149 Resp: 935895
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.4 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.521 min Scan# 3648
Delta R.T. 0.006 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

Tgt Ion:264 Resp: 373524
Ion Ratio Lower Upper
264 100
260 23.9 18.4 27.6
265 21.1 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.148 ng

RT: 28.017 min Scan# 4242

Delta R.T. 0.006 min

Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MS

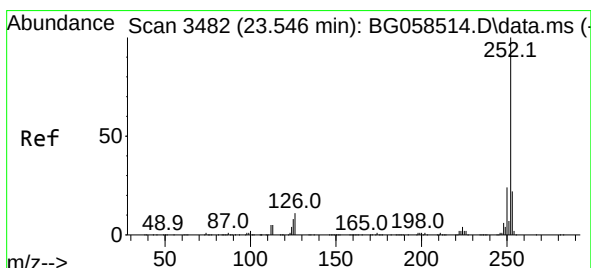
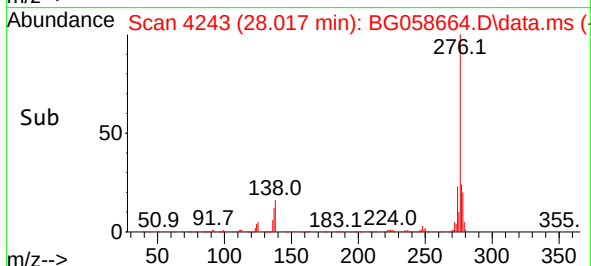
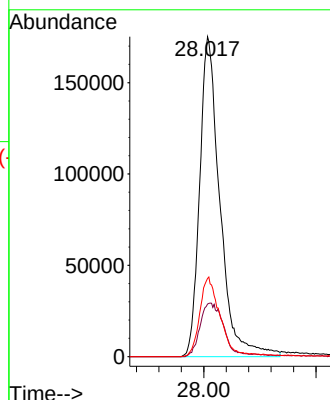
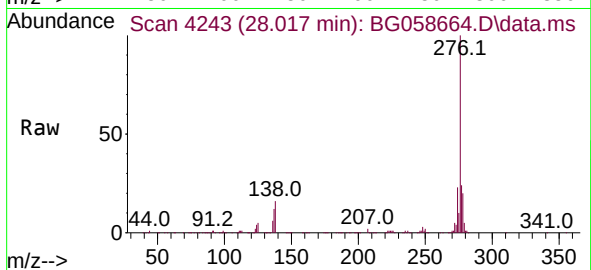
Tgt Ion:276 Resp: 1097047

Ion Ratio Lower Upper

276 100

138 19.3 16.0 24.0

277 24.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 46.371 ng

RT: 23.545 min Scan# 3482

Delta R.T. -0.000 min

Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

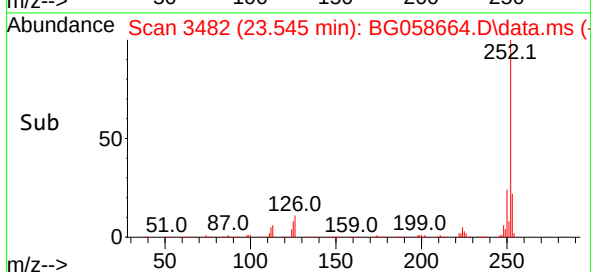
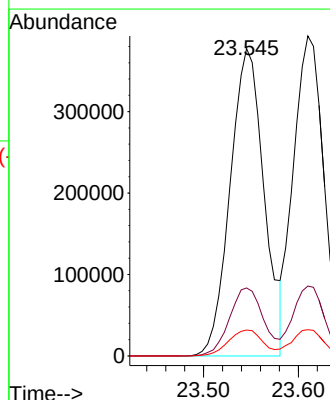
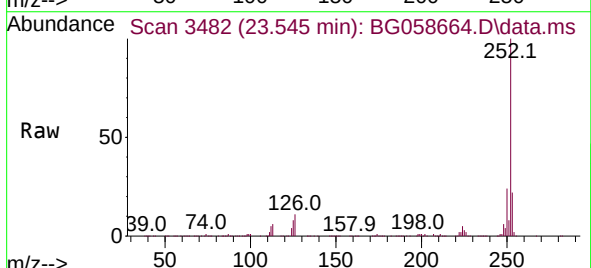
Tgt Ion:252 Resp: 939436

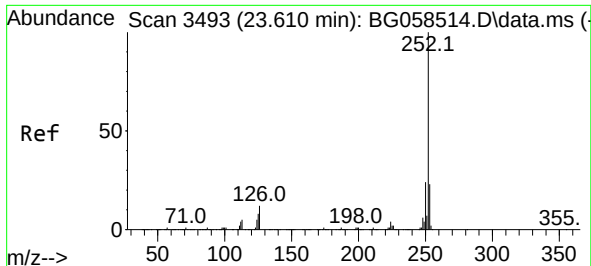
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 8.4 6.6 9.8

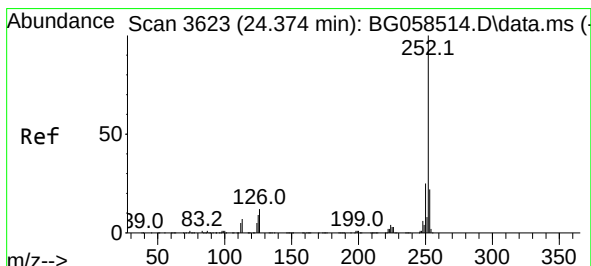
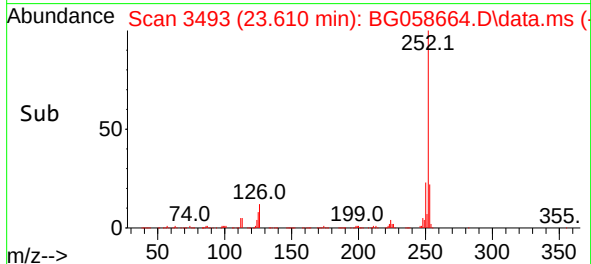
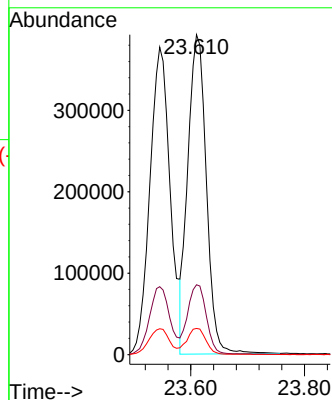
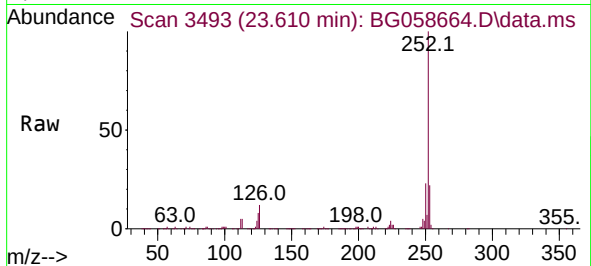




#89
Benzo(k)fluoranthene
Concen: 43.584 ng
RT: 23.610 min Scan# 3493
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

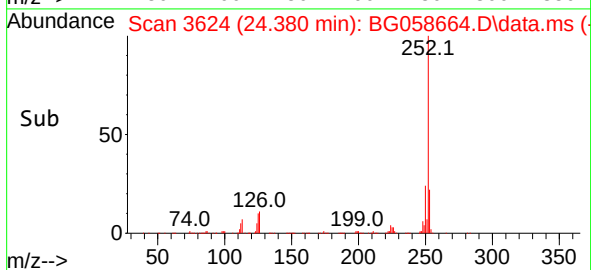
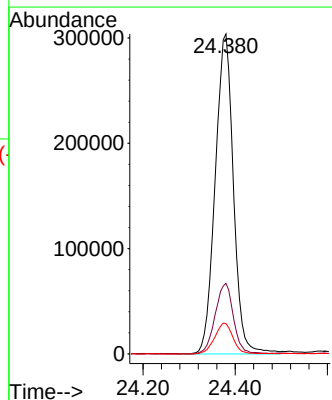
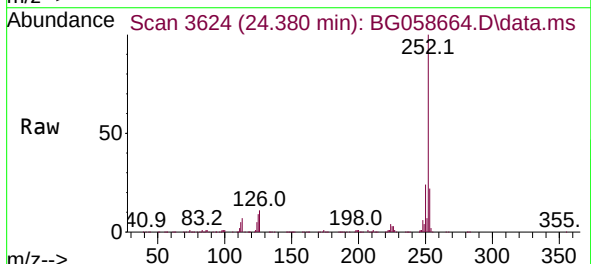
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS

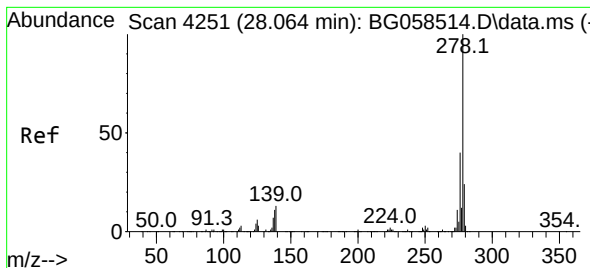
Tgt Ion:252 Resp: 887026
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 8.2 6.6 10.0



#90
Benzo(a)pyrene
Concen: 41.998 ng
RT: 24.380 min Scan# 3624
Delta R.T. 0.006 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

Tgt Ion:252 Resp: 835575
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.5 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 43.996 ng

RT: 28.075 min Scan# 4253

Delta R.T. 0.011 min

Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MS

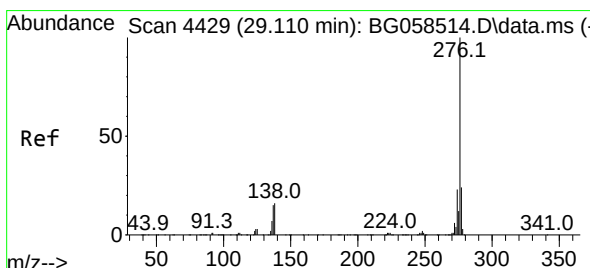
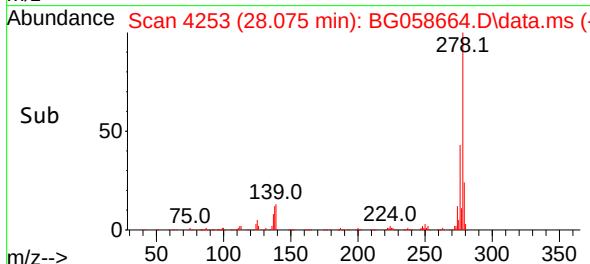
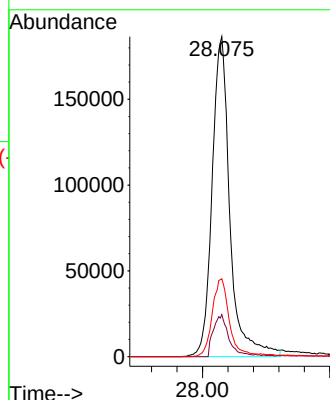
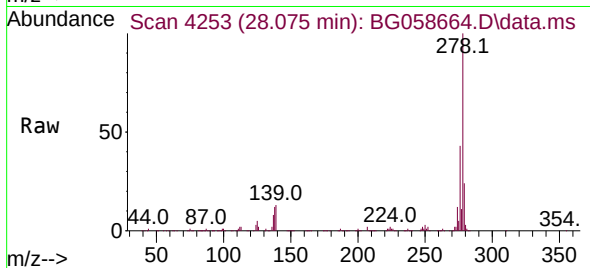
Tgt Ion:278 Resp: 903992

Ion Ratio Lower Upper

278 100

139 13.1 10.4 15.6

279 24.3 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 41.993 ng

RT: 29.109 min Scan# 4429

Delta R.T. -0.000 min

Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

Tgt Ion:276 Resp: 865199

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 16.7 13.0 19.4

