

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
 Data File : BG064099.D
 Acq On : 11 Mar 2025 17:18
 Operator : RC/JU
 Sample : Q1534-13MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-363-COMP-18MSD

Quant Time: Mar 11 18:03:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	36861	20.000	ng	0.00
21) Naphthalene-d8	10.653	136	160546	20.000	ng	0.00
39) Acenaphthene-d10	14.489	164	104879	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	227860	20.000	ng	0.00
76) Chrysene-d12	21.464	240	229044	20.000	ng	0.00
86) Perylene-d12	24.478	264	250751	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.453	112	257007	108.869	ng	0.00
7) Phenol-d6	7.033	99	338622	105.442	ng	0.00
23) Nitrobenzene-d5	9.019	82	230571	79.365	ng	0.00
42) 2,4,6-Tribromophenol	15.976	330	145133	124.492	ng	0.00
45) 2-Fluorobiphenyl	13.115	172	456868	66.121	ng	0.00
79) Terphenyl-d14	19.848	244	717970	63.382	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.373	88	41064	38.382	ng	96
3) Pyridine	3.761	79	94458	36.303	ng	99
4) n-Nitrosodimethylamine	3.679	42	80131	43.104	ng	95
6) Aniline	7.192	93	57045	18.102	ng	93
8) 2-Chlorophenol	7.433	128	116852	46.088	ng	96
9) Benzaldehyde	7.004	77	37059	19.841	ng	98
10) Phenol	7.063	94	150432	45.751	ng	97
11) bis(2-Chloroethyl)ether	7.292	93	104304	40.463	ng	97
12) 1,3-Dichlorobenzene	7.756	146	119172	42.803	ng	98
13) 1,4-Dichlorobenzene	7.897	146	122364	42.877	ng	95
14) 1,2-Dichlorobenzene	8.214	146	118987	43.239	ng	99
15) Benzyl Alcohol	8.097	79	112956	45.516	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.391	45	244099	42.113	ng	99
17) 2-Methylphenol	8.303	107	99955	45.804	ng	97
18) Hexachloroethane	8.943	117	47128	47.200	ng	98
19) n-Nitroso-di-n-propyla...	8.667	70	91078	40.411	ng	98
20) 3+4-Methylphenols	8.632	107	133843	44.551	ng	90
22) Acetophenone	8.679	105	198932	45.193	ng	98
24) Nitrobenzene	9.060	77	136810	45.567	ng	94
25) Isophorone	9.583	82	248401	42.718	ng	96
26) 2-Nitrophenol	9.766	139	55617	52.437	ng	# 90
27) 2,4-Dimethylphenol	9.830	122	102529	58.817	ng	97
28) bis(2-Chloroethoxy)met...	10.065	93	142907	40.536	ng	97
29) 2,4-Dichlorophenol	10.300	162	104851	47.634	ng	97
30) 1,2,4-Trichlorobenzene	10.518	180	113058	42.548	ng	97
31) Naphthalene	10.700	128	362504	41.874	ng	99
32) Benzoic acid	9.983	122	82693	50.996	ng	88
33) 4-Chloroaniline	10.806	127	35869	11.336	ng	97
34) Hexachlorobutadiene	10.994	225	78334	44.976	ng	94
35) Caprolactam	11.575	113	24189	28.676	ng	95
36) 4-Chloro-3-methylphenol	11.934	107	129912	45.025	ng	99
37) 2-Methylnaphthalene	12.310	142	245425	40.157	ng	96
38) 1-Methylnaphthalene	12.533	142	244859	40.895	ng	100
40) 1,2,4,5-Tetrachloroben...	12.680	216	143931	48.070	ng	94
41) Hexachlorocyclopentadiene	12.662	237	135304	160.555	ng	95
43) 2,4,6-Trichlorophenol	12.915	196	90364	51.206	ng	99

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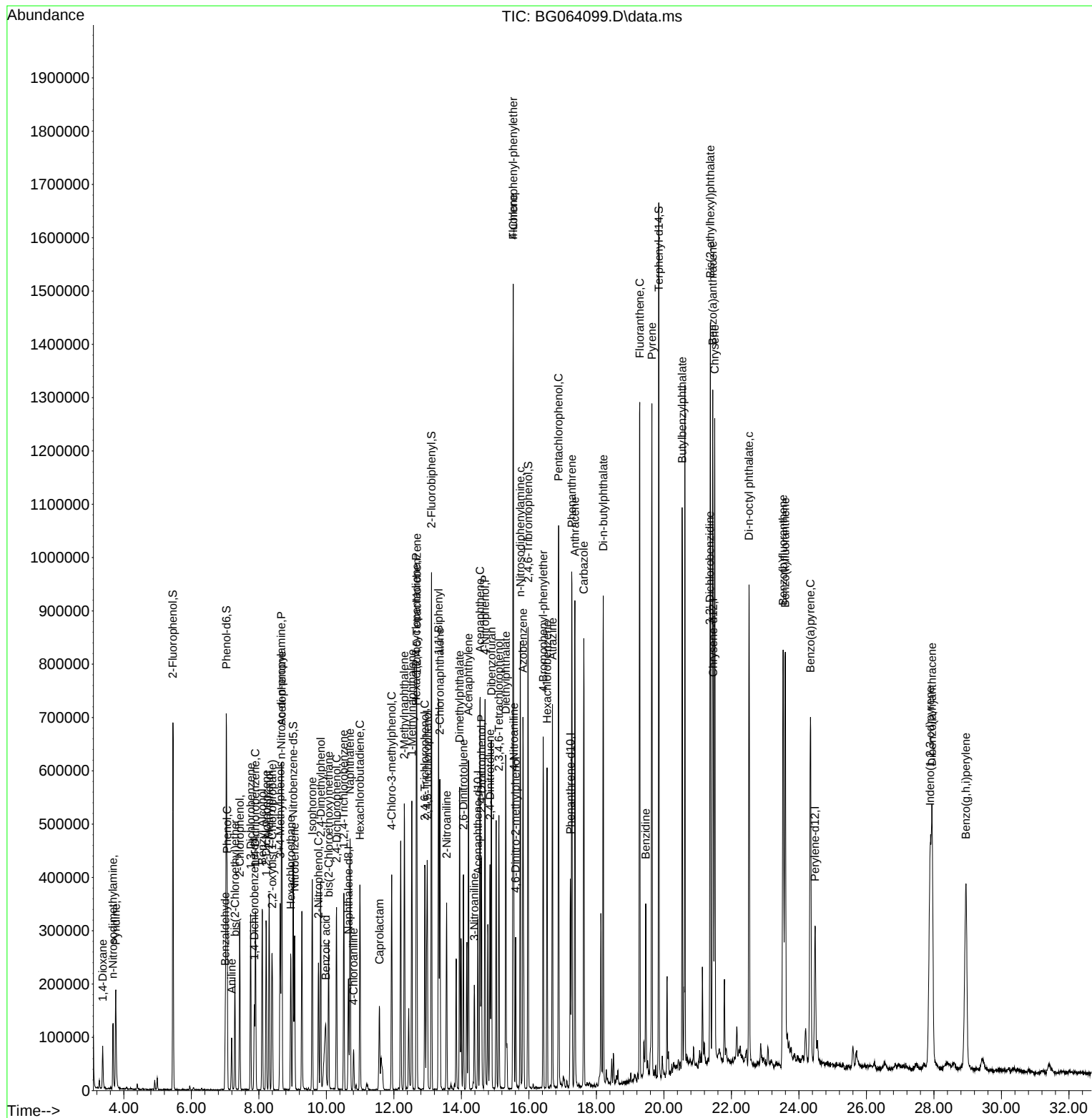
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44) 2,4,5-Trichlorophenol	12.991	196	97812	49.883	ng	98
46) 1,1'-Biphenyl	13.326	154	379279	47.866	ng	99
47) 2-Chloronaphthalene	13.361	162	259884	44.970	ng	98
48) 2-Nitroaniline	13.561	65	96480	49.877	ng	95
49) Acenaphthylene	14.207	152	420136	45.963	ng	100
50) Dimethylphthalate	13.949	163	324105	41.864	ng	100
51) 2,6-Dinitrotoluene	14.061	165	69016	44.226	ng	93
52) Acenaphthene	14.554	154	267447	43.598	ng	96
53) 3-Nitroaniline	14.384	138	38826	25.948	ng	100
54) 2,4-Dinitrophenol	14.595	184	71498	106.308	ng	# 71
55) Dibenzofuran	14.889	168	411899	41.448	ng	99
56) 4-Nitrophenol	14.701	139	133216	106.157	ng	92
57) 2,4-Dinitrotoluene	14.848	165	103560	47.802	ng	# 98
58) Fluorene	15.535	166	332059	42.901	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.112	232	93038	48.670	ng	# 94
60) Diethylphthalate	15.318	149	343845	40.912	ng	99
61) 4-Chlorophenyl-phenyle...	15.535	204	160637	41.764	ng	93
62) 4-Nitroaniline	15.553	138	68896	42.648	ng	92
63) Azobenzene	15.823	77	410064	45.723	ng	97
65) 4,6-Dinitro-2-methylph...	15.606	198	51090	51.236	ng	95
66) n-Nitrosodiphenylamine	15.747	169	290857	45.095	ng	97
67) 4-Bromophenyl-phenylether	16.422	248	106964	45.834	ng	96
68) Hexachlorobenzene	16.540	284	119434	45.713	ng	96
69) Atrazine	16.699	200	125547	66.156	ng	94
70) Pentachlorophenol	16.881	266	165181	101.826	ng	99
71) Phenanthrene	17.269	178	593381	48.824	ng	99
72) Anthracene	17.363	178	561767	46.485	ng	98
73) Carbazole	17.627	167	506551	44.894	ng	99
74) Di-n-butylphthalate	18.203	149	600944	45.246	ng	99
75) Fluoranthene	19.284	202	779571	53.206	ng	98
77) Benzidine	19.460	184	171089	53.944	ng	99
78) Pyrene	19.642	202	782598	53.005	ng	99
80) Butylbenzylphthalate	20.541	149	279315	50.232	ng	96
81) Benzo(a)anthracene	21.446	228	746275	50.864	ng	99
82) 3,3'-Dichlorobenzidine	21.364	252	122574	25.814	ng	99
83) Chrysene	21.505	228	723205	49.422	ng	99
84) Bis(2-ethylhexyl)phtha...	21.375	149	411903	51.911	ng	99
85) Di-n-octyl phthalate	22.521	149	708631	51.776	ng	100
87) Indeno(1,2,3-cd)pyrene	27.885	276	841394	50.151	ng	# 95
88) Benzo(b)fluoranthene	23.532	252	753441	49.703	ng	99
89) Benzo(k)fluoranthene	23.596	252	722579	47.515	ng	97
90) Benzo(a)pyrene	24.343	252	705169	52.234	ng	98
91) Dibenzo(a,h)anthracene	27.944	278	654641	47.066	ng	98
92) Benzo(g,h,i)perylene	28.949	276	676156	47.348	ng	96

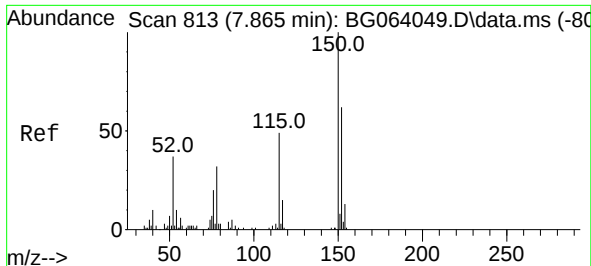
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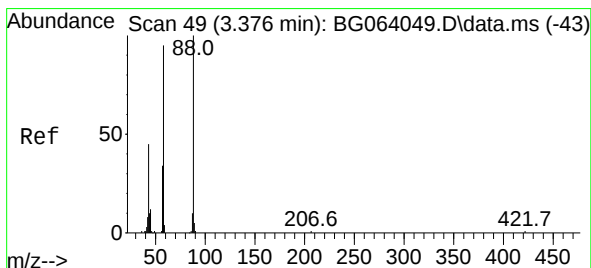
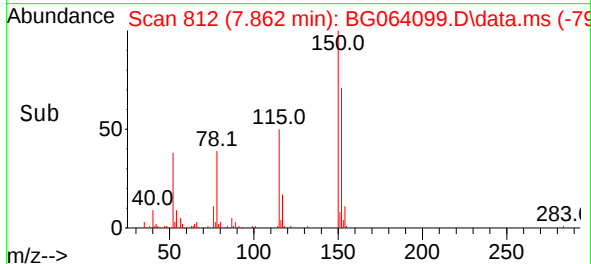
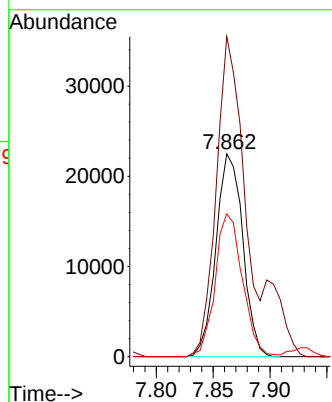
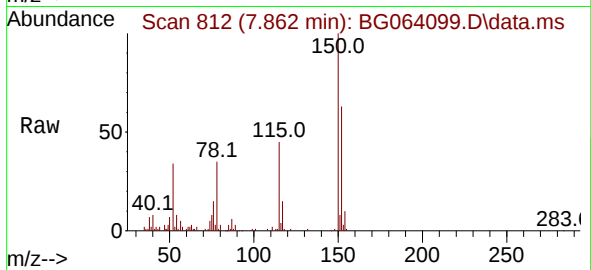




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.862 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

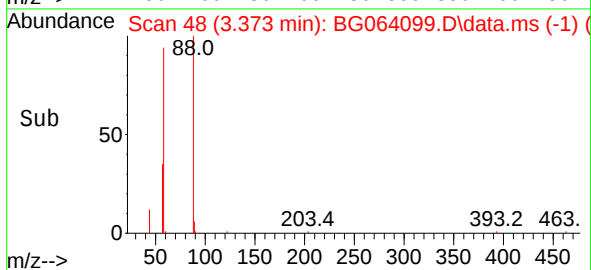
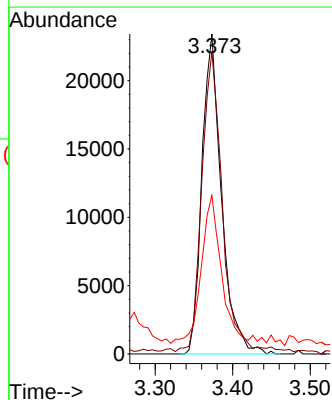
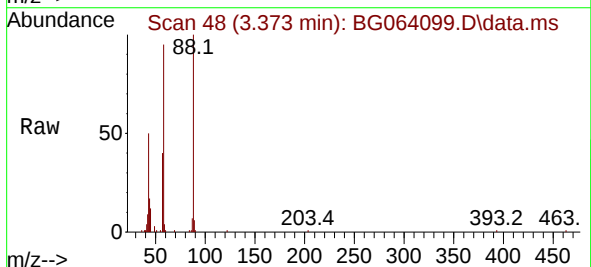
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ClientSampleId :
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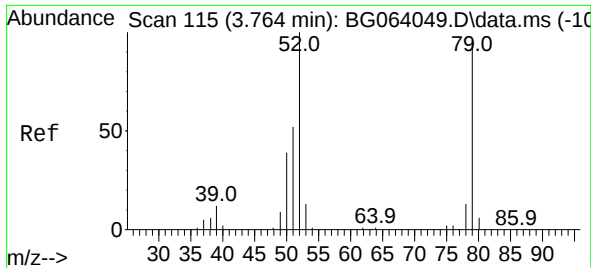
Tgt Ion:152 Resp: 36861
Ion Ratio Lower Upper
152 100
150 157.7 129.2 193.8
115 70.4 63.0 94.6



#2
1,4-Dioxane
Concen: 38.382 ng
RT: 3.373 min Scan# 48
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Tgt Ion: 88 Resp: 41064
Ion Ratio Lower Upper
88 100
58 97.8 74.6 111.8
43 46.9 35.5 53.3

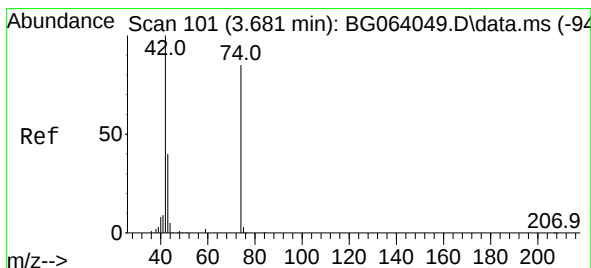
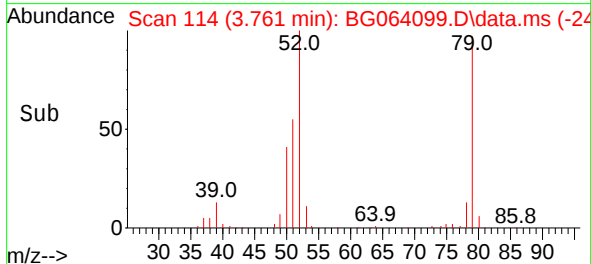
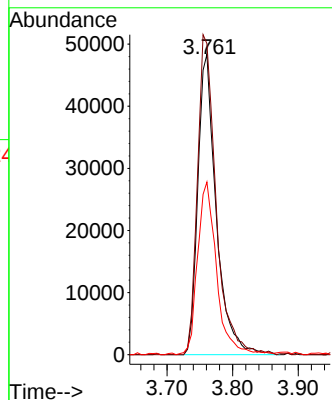
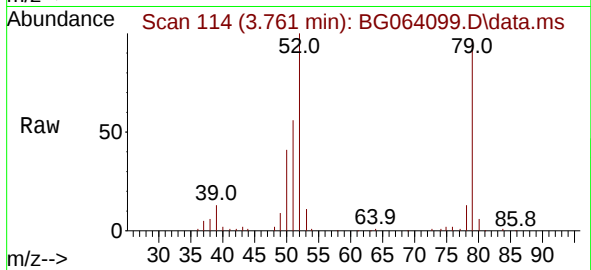




#3
Pyridine
Concen: 36.303 ng
RT: 3.761 min Scan# 115
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

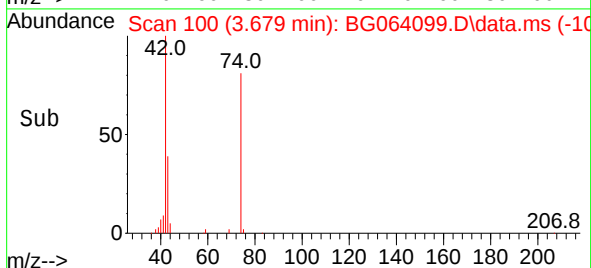
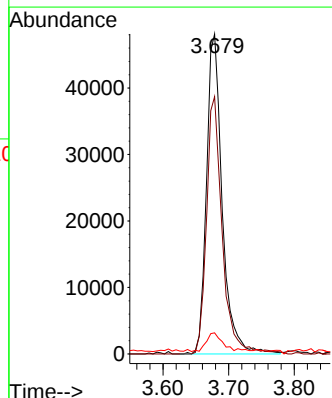
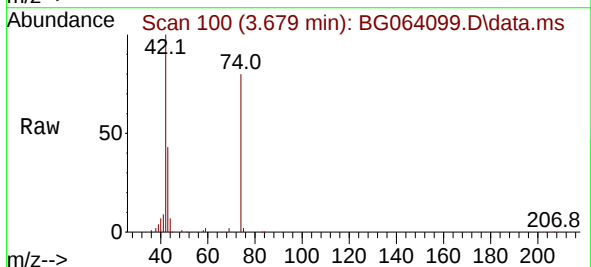
Instrument :
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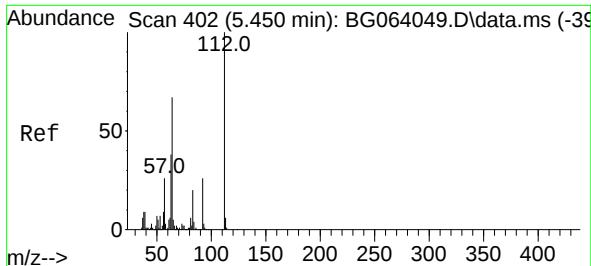
Tgt Ion: 79 Resp: 94458
Ion Ratio Lower Upper
79 100
52 103.6 83.0 124.6
51 57.5 44.3 66.5



#4
n-Nitrosodimethylamine
Concen: 43.104 ng
RT: 3.679 min Scan# 100
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Tgt Ion: 42 Resp: 80131
Ion Ratio Lower Upper
42 100
74 80.4 68.0 102.0
44 6.6 4.9 7.3

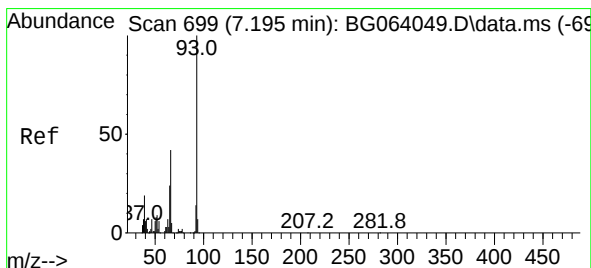
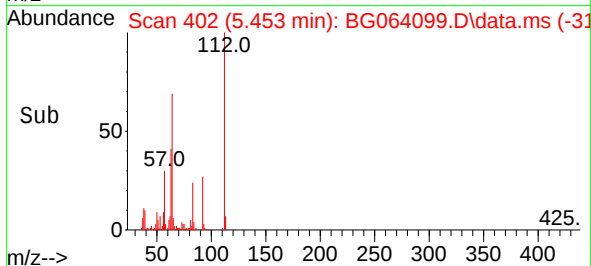
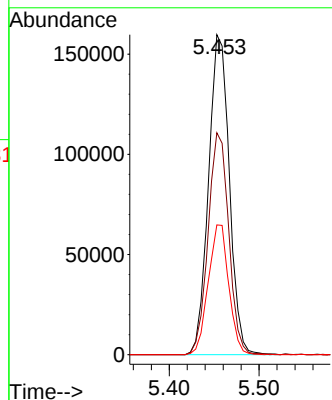
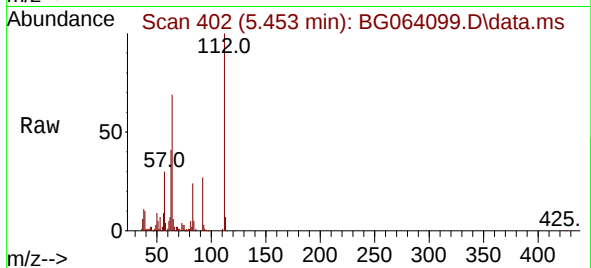




#5
2-Fluorophenol
Concen: 108.869 ng
RT: 5.453 min Scan# 402
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

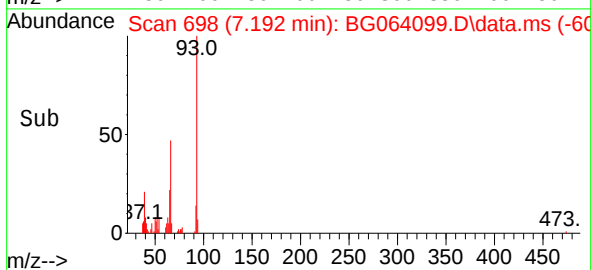
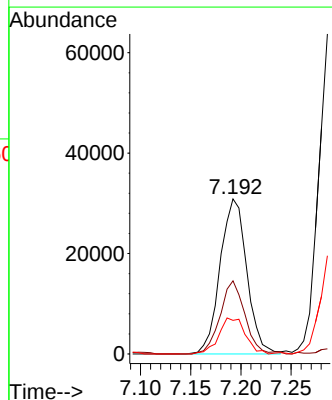
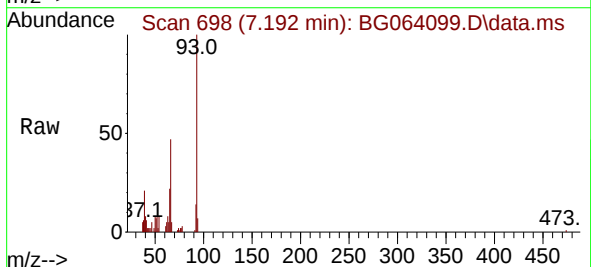
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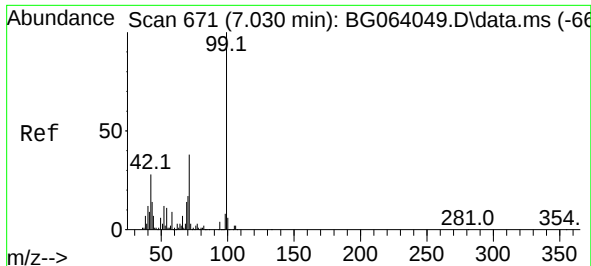
Tgt Ion:112 Resp: 257007
Ion Ratio Lower Upper
112 100
64 69.3 53.7 80.5
63 40.5 30.2 45.4



#6
Aniline
Concen: 18.102 ng
RT: 7.192 min Scan# 698
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Tgt Ion: 93 Resp: 57045
Ion Ratio Lower Upper
93 100
66 47.1 33.7 50.5
65 21.7 19.1 28.7

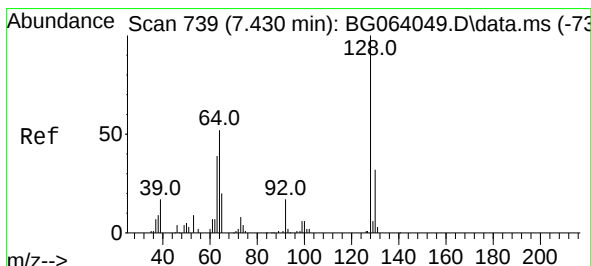
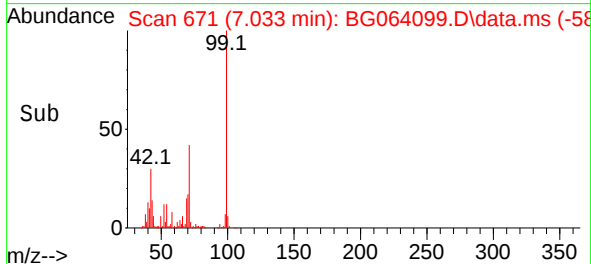
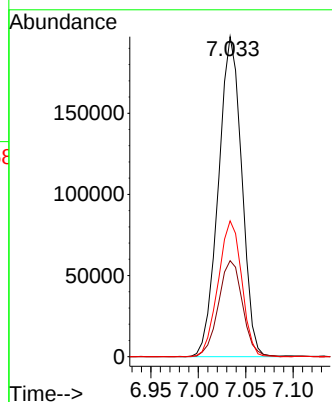
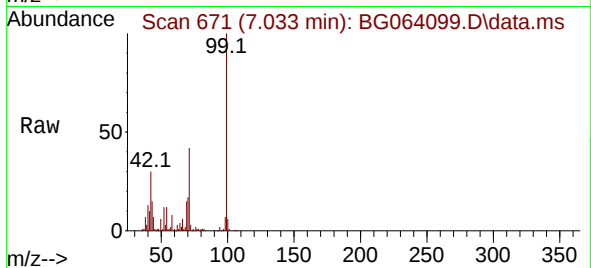




#7
Phenol-d6
Concen: 105.442 ng
RT: 7.033 min Scan# 671
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

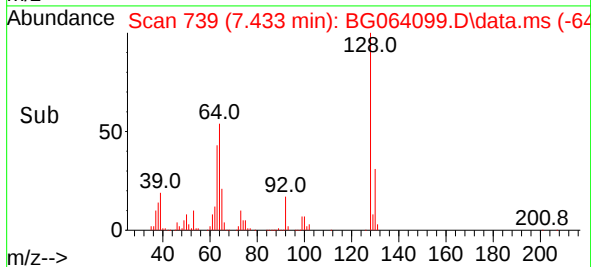
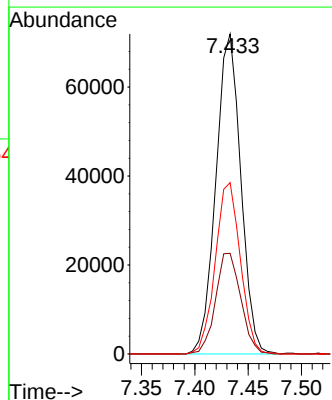
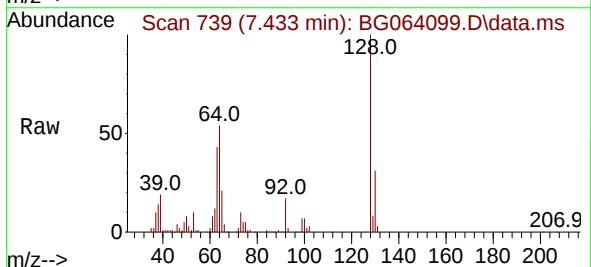
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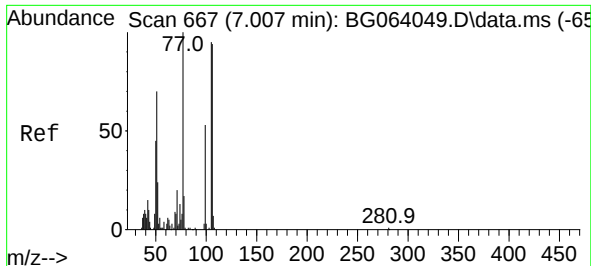
Tgt Ion: 99 Resp: 338622
Ion Ratio Lower Upper
99 100
42 30.0 22.7 34.1
71 42.4 30.6 46.0



#8
2-Chlorophenol
Concen: 46.088 ng
RT: 7.433 min Scan# 739
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Tgt Ion:128 Resp: 116852
Ion Ratio Lower Upper
128 100
130 31.4 12.3 52.3
64 53.6 37.0 77.0

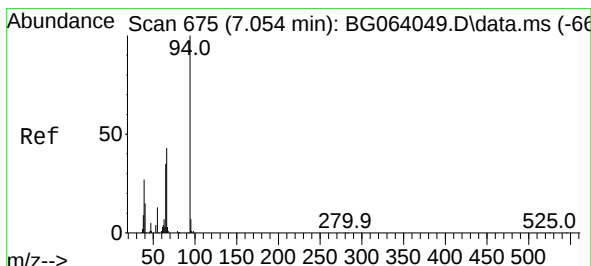
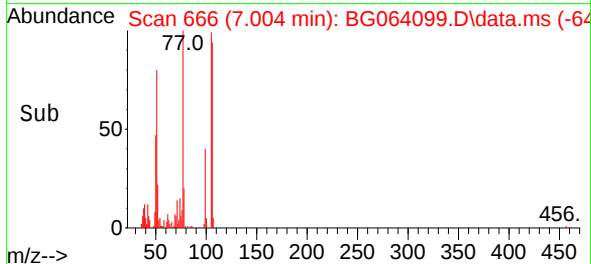
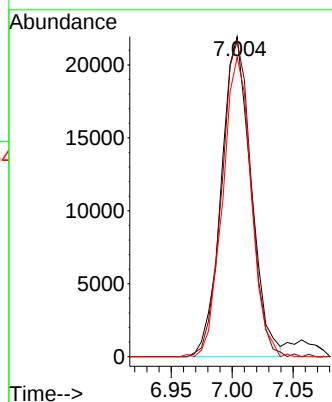
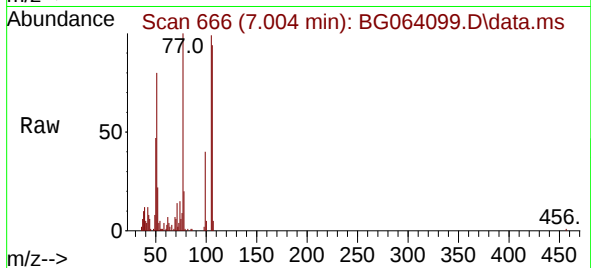




#9
Benzaldehyde
Concen: 19.841 ng
RT: 7.004 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG064099.D
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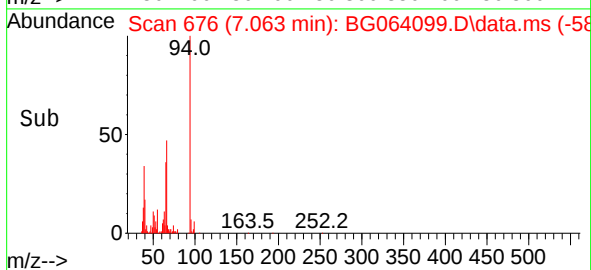
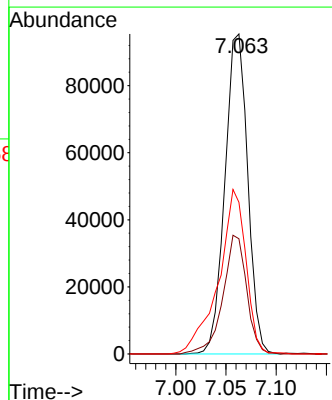
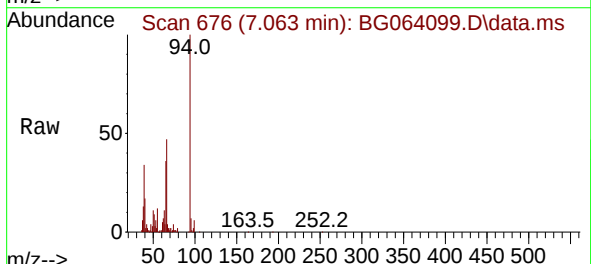
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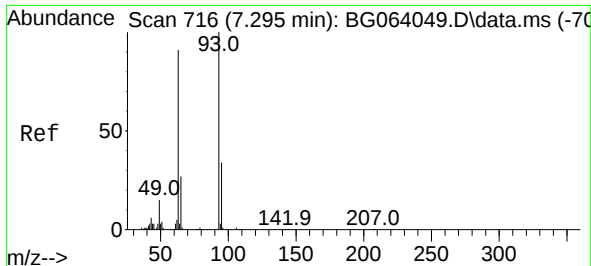
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Ion Ratio Lower Upper
77 100
105 98.5 75.5 115.5
106 93.6 74.2 114.2



#10
Phenol
Concen: 45.751 ng
RT: 7.063 min Scan# 676
Delta R.T. 0.009 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Tgt Ion: 94 Resp: 150432
Ion Ratio Lower Upper
94 100
65 36.0 15.2 55.2
66 47.4 25.1 65.1

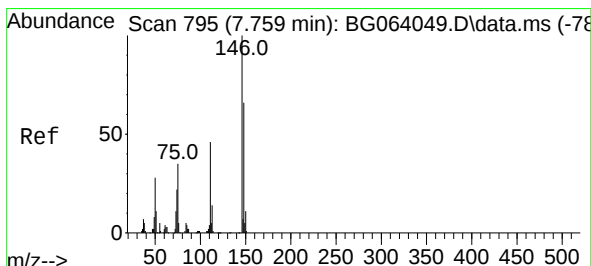
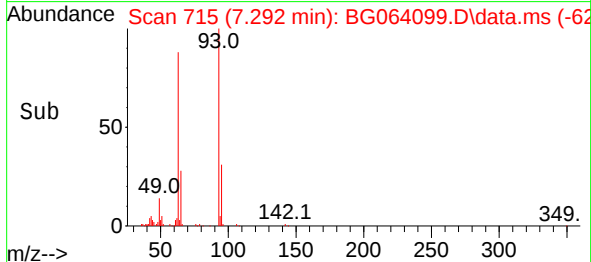
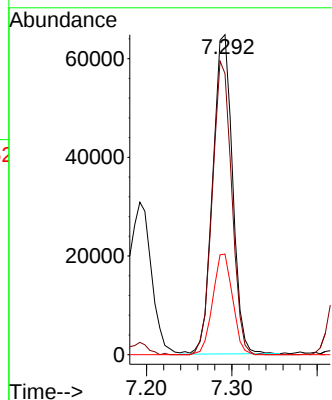
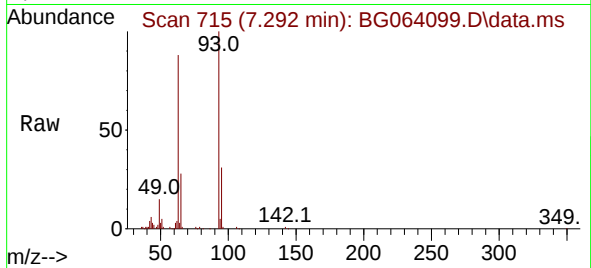




#11
bis(2-Chloroethyl)ether
Concen: 40.463 ng
RT: 7.292 min Scan# 715
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

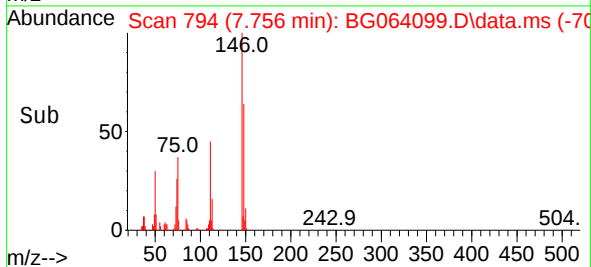
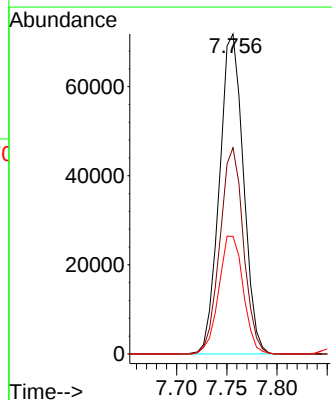
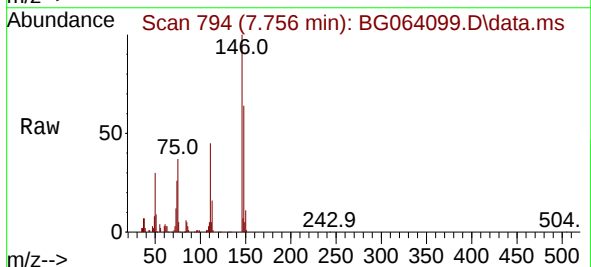
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD

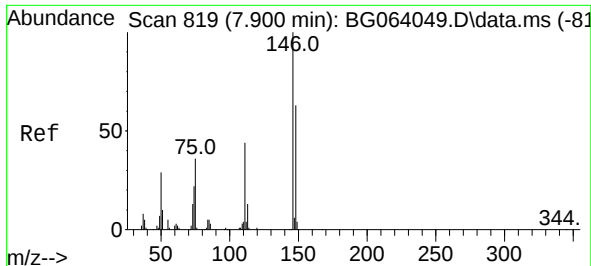
Tgt Ion: 93 Resp: 104304
Ion Ratio Lower Upper
93 100
63 87.9 70.0 110.0
95 31.4 13.7 53.7



#12
1,3-Dichlorobenzene
Concen: 42.803 ng
RT: 7.756 min Scan# 794
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Tgt Ion:146 Resp: 119172
Ion Ratio Lower Upper
146 100
148 64.5 52.6 78.8
75 36.7 28.1 42.1

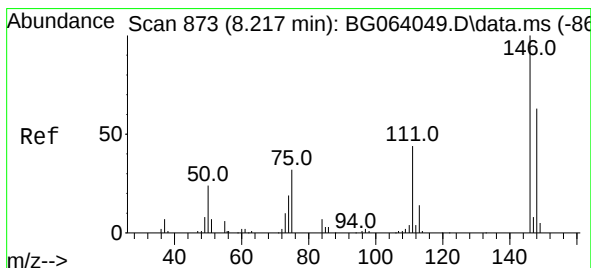
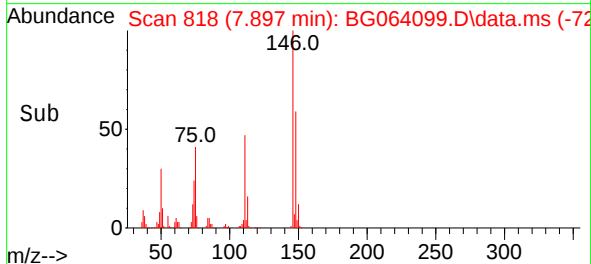
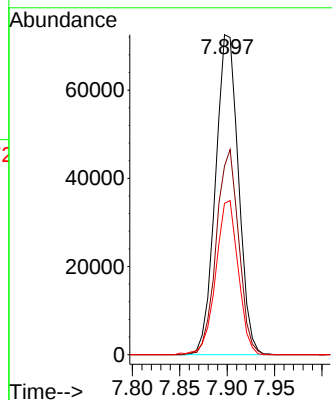
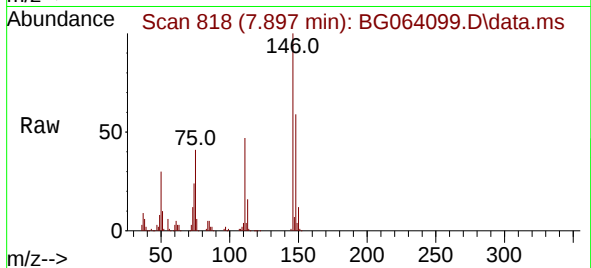




#13
1,4-Dichlorobenzene
Concen: 42.877 ng
RT: 7.897 min Scan# 819
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

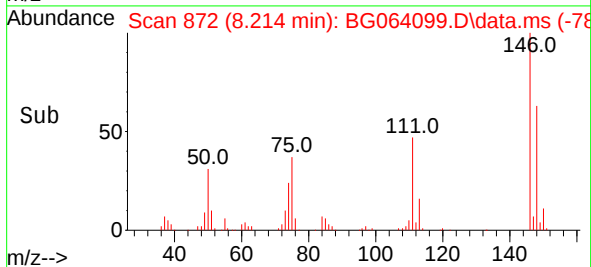
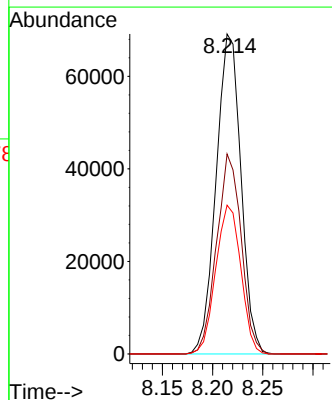
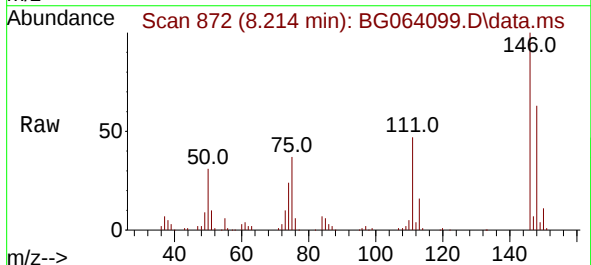
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD

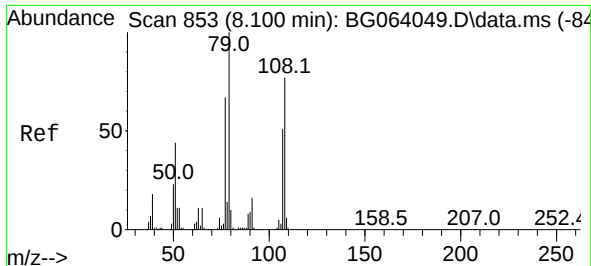
Tgt Ion:146 Resp: 122364
Ion Ratio Lower Upper
146 100
148 58.9 50.6 75.8
111 47.3 35.1 52.7



#14
1,2-Dichlorobenzene
Concen: 43.239 ng
RT: 8.214 min Scan# 872
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Tgt Ion:146 Resp: 118987
Ion Ratio Lower Upper
146 100
148 62.5 50.2 75.2
111 46.5 36.4 54.6





#15

Benzyl Alcohol

Concen: 45.516 ng

RT: 8.097 min Scan# 853

Delta R.T. -0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

Instrument :

BNA_G

ClientSampleId :

OR-363-COMP-18MSD

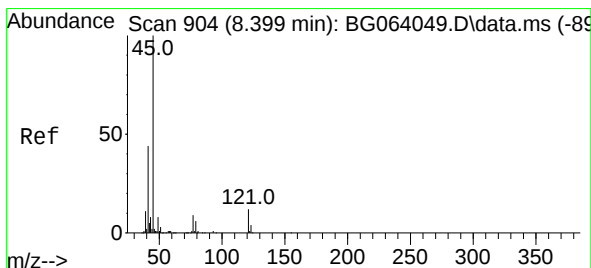
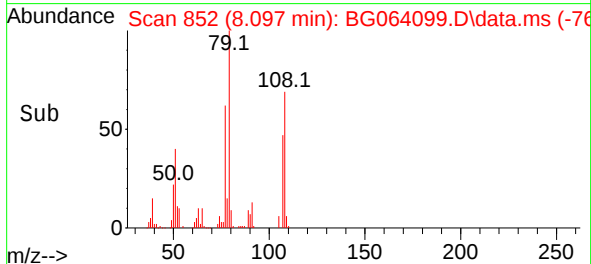
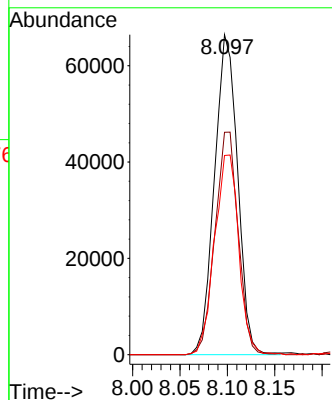
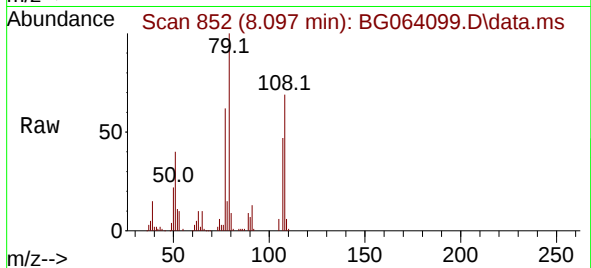
Tgt Ion: 79 Resp: 112956

Ion Ratio Lower Upper

79 100

108 69.5 61.7 92.5

77 62.3 53.9 80.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.113 ng

RT: 8.391 min Scan# 902

Delta R.T. -0.009 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

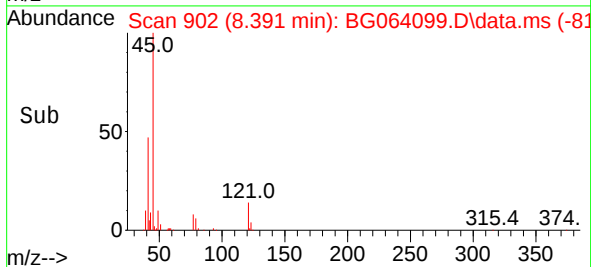
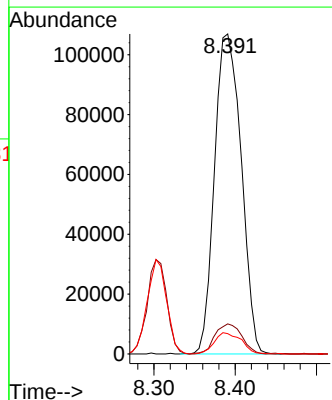
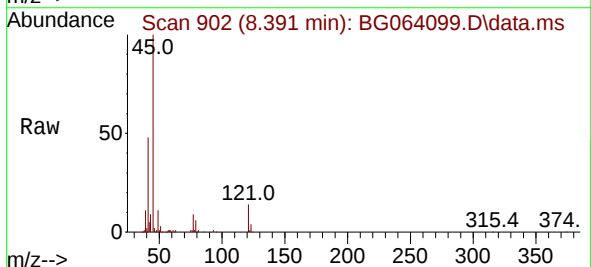
Tgt Ion: 45 Resp: 244099

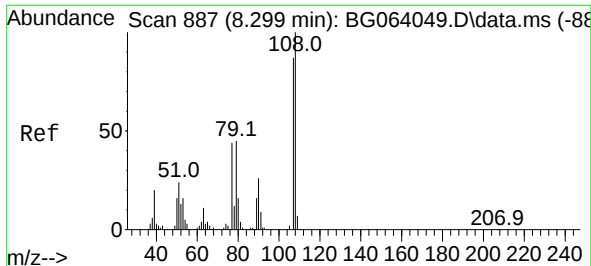
Ion Ratio Lower Upper

45 100

77 9.4 0.0 29.0

79 6.4 0.0 26.6

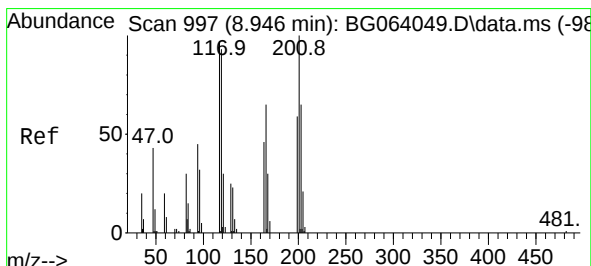
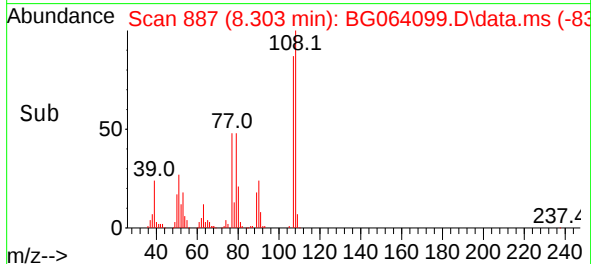
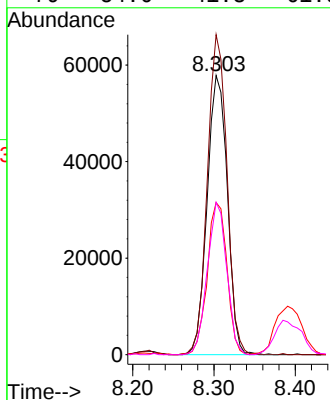
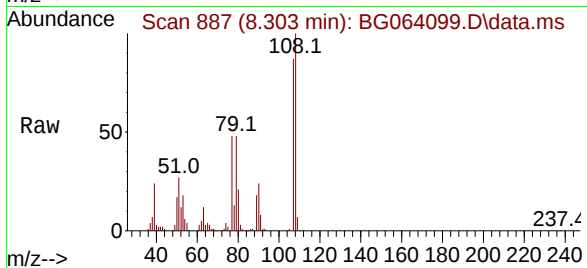




#17
2-Methylphenol
Concen: 45.804 ng
RT: 8.303 min Scan# 887
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

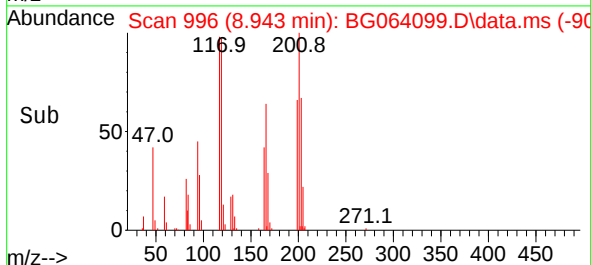
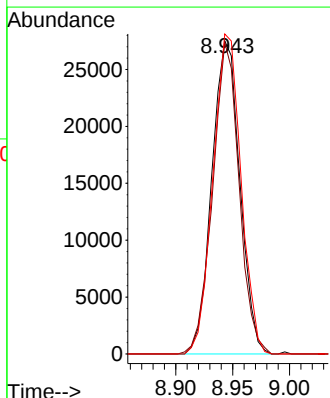
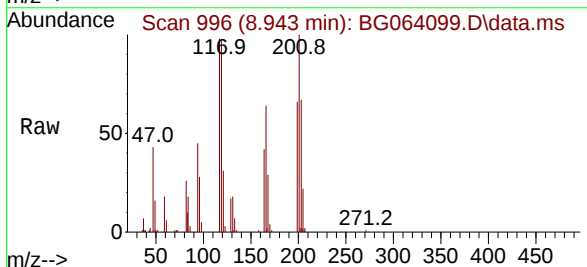
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD

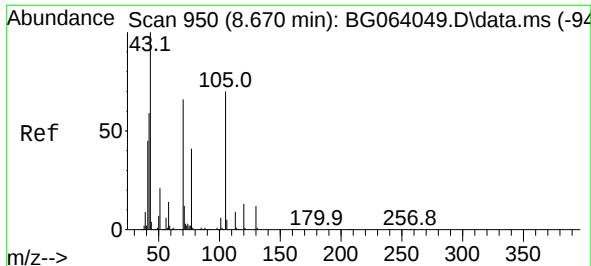
Tgt Ion:	107	Resp:	99955
Ion	Ratio	Lower	Upper
107	100		
108	114.6	92.5	138.7
77	54.5	40.5	60.7
79	54.6	41.3	61.9



#18
Hexachloroethane
Concen: 47.200 ng
RT: 8.943 min Scan# 996
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Tgt Ion:	117	Resp:	47128
Ion	Ratio	Lower	Upper
117	100		
119	99.6	76.2	114.2
201	102.3	81.5	122.3





#19

n-Nitroso-di-n-propylamine

Concen: 40.411 ng

RT: 8.667 min Scan# 949

Delta R.T. -0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

Instrument :

BNA_G

ClientSampleId :

OR-363-COMP-18MSD

Tgt Ion: 70 Resp: 91078

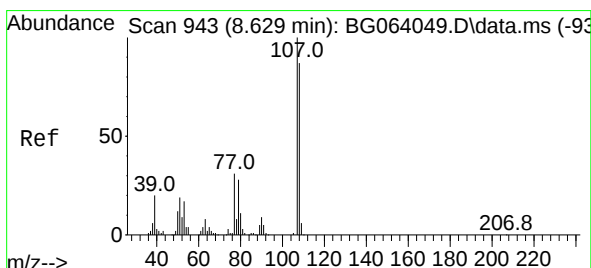
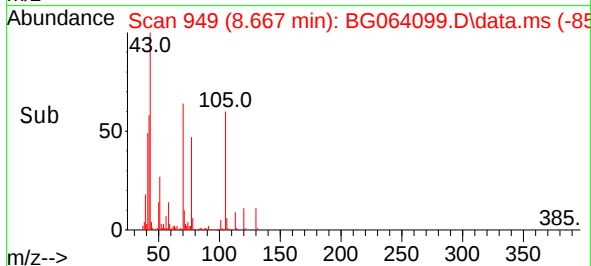
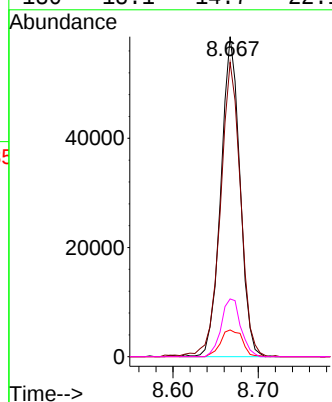
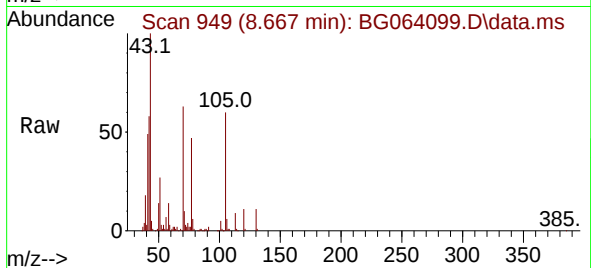
Ion Ratio Lower Upper

70 100

42 92.0 72.1 108.1

101 8.3 7.2 10.8

130 18.1 14.7 22.1



#20

3+4-Methylphenols

Concen: 44.551 ng

RT: 8.632 min Scan# 943

Delta R.T. 0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

Tgt Ion:107 Resp: 133843

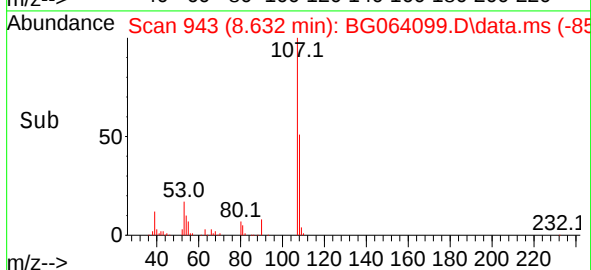
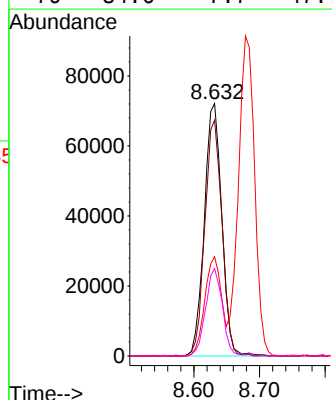
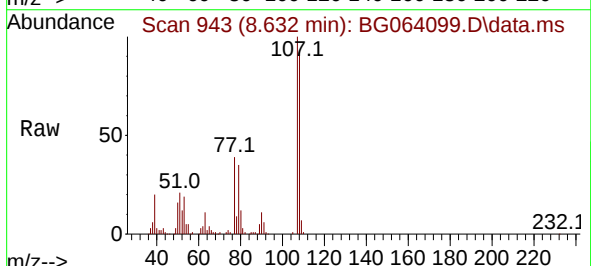
Ion Ratio Lower Upper

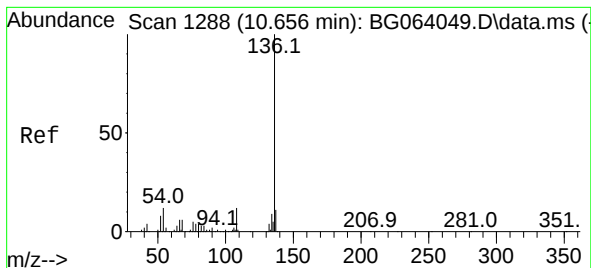
107 100

108 93.4 67.0 107.0

77 39.3 11.2 51.2

79 34.6 7.7 47.7

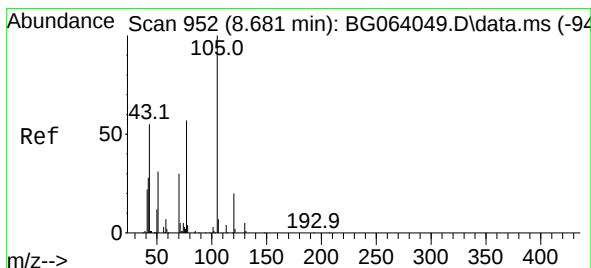
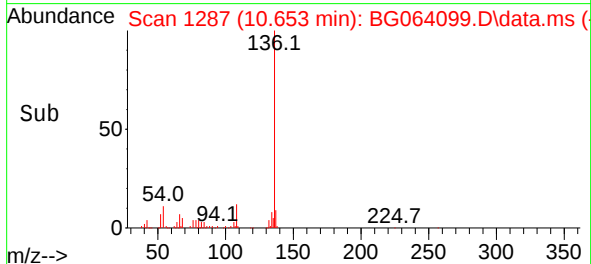
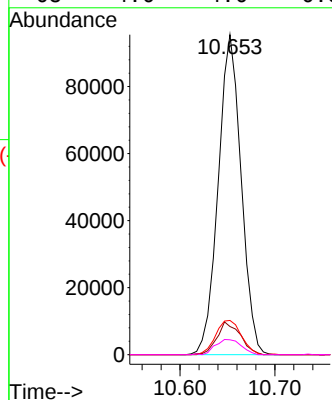
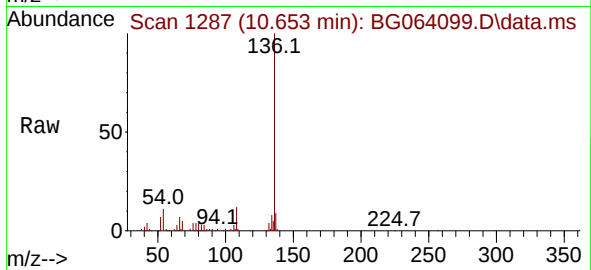




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.653 min Scan# 1287
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

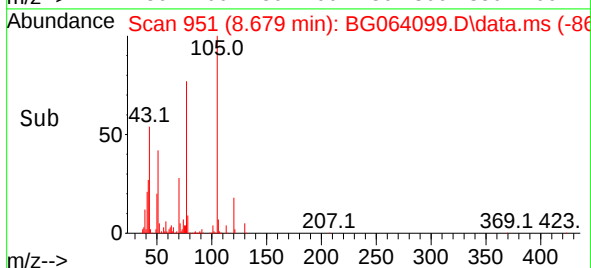
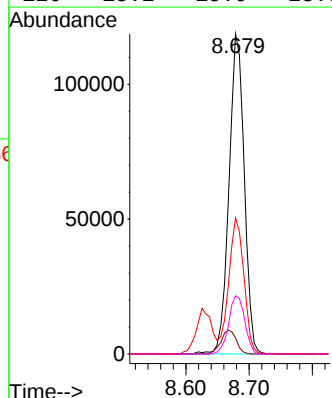
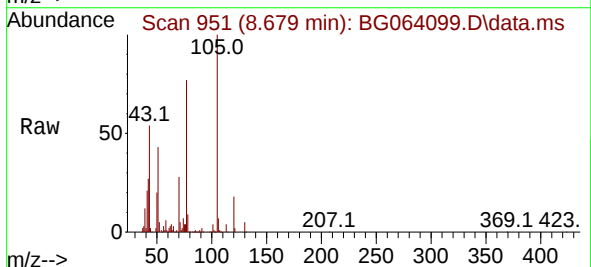
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD

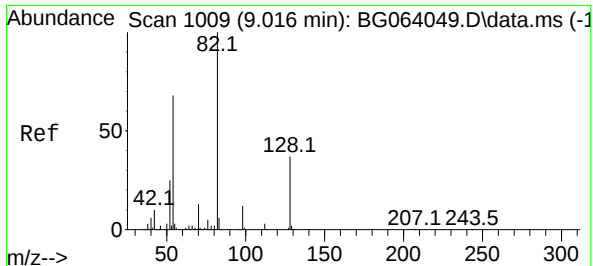
Tgt Ion:	136	Resp:	160546
Ion Ratio	Lower	Upper	
136	100		
137	8.8	8.5	12.7
54	10.7	9.9	14.9
68	4.6	4.6	6.8



#22
Acetophenone
Concen: 45.193 ng
RT: 8.679 min Scan# 951
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Tgt Ion:	105	Resp:	198932
Ion Ratio	Lower	Upper	
105	100		
71	5.0	4.2	6.4
51	42.5	33.3	49.9
120	18.2	15.9	23.9





#23

Nitrobenzene-d5

Concen: 79.365 ng

RT: 9.019 min Scan# 1009

Delta R.T. 0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

Instrument :

BNA_G

ClientSampleId :

OR-363-COMP-18MSD

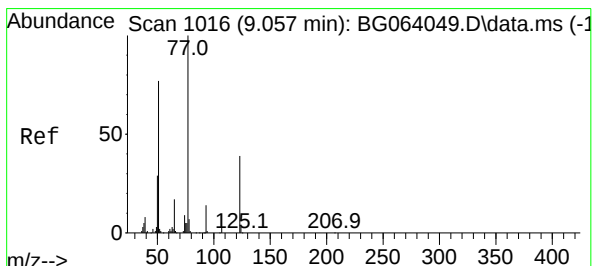
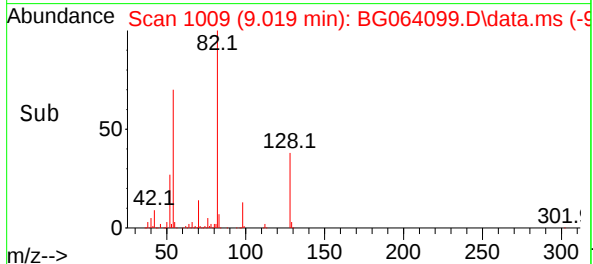
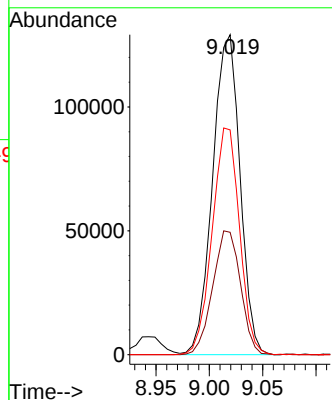
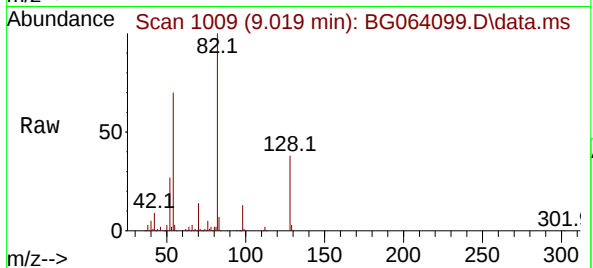
Tgt Ion: 82 Resp: 230571

Ion Ratio Lower Upper

82 100

128 38.3 30.0 45.0

54 70.2 54.7 82.1



#24

Nitrobenzene

Concen: 45.567 ng

RT: 9.060 min Scan# 1016

Delta R.T. 0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

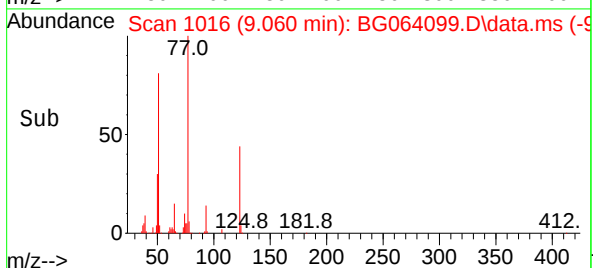
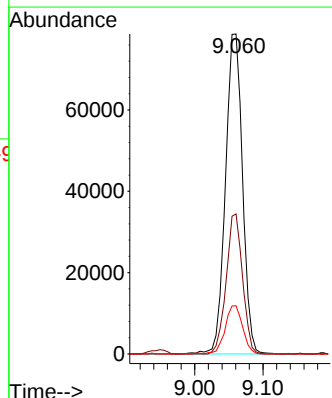
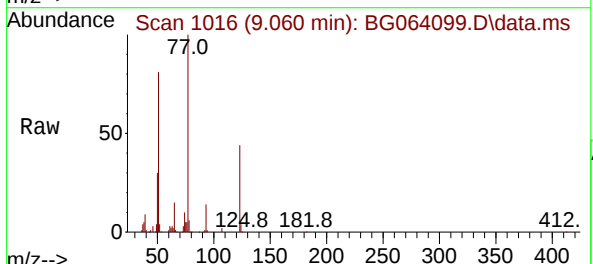
Tgt Ion: 77 Resp: 136810

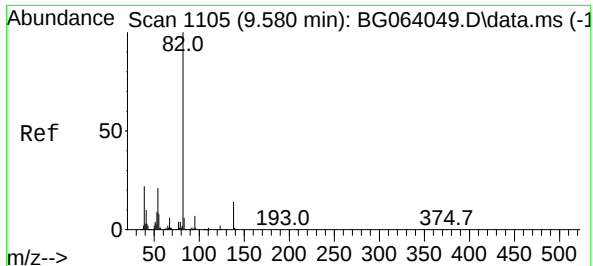
Ion Ratio Lower Upper

77 100

123 43.7 31.4 47.2

65 15.1 13.4 20.0





#25

Isophorone

Concen: 42.718 ng

RT: 9.583 min Scan# 1105

Delta R.T. 0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

Instrument :

BNA_G

ClientSampleId :

OR-363-COMP-18MSD

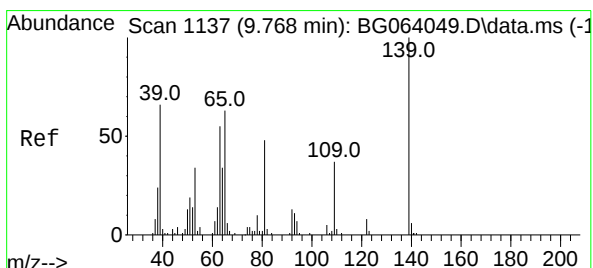
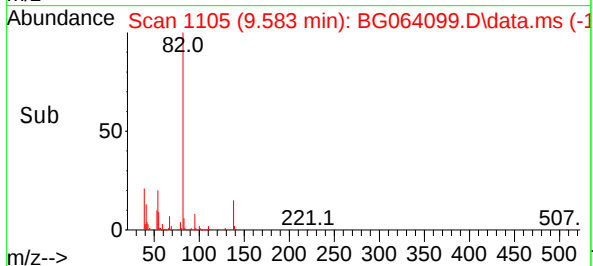
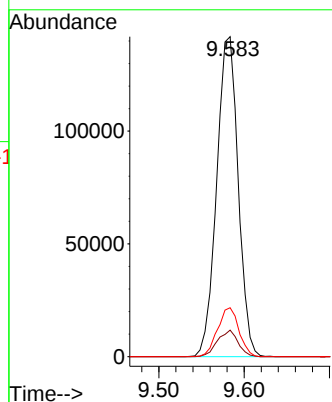
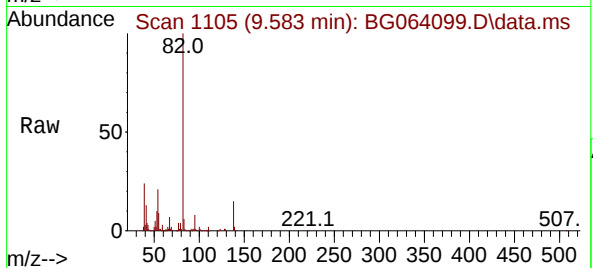
Tgt Ion: 82 Resp: 248401

Ion Ratio Lower Upper

82 100

95 8.3 5.8 8.8

138 15.3 10.9 16.3



#26

2-Nitrophenol

Concen: 52.437 ng

RT: 9.766 min Scan# 1136

Delta R.T. -0.002 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

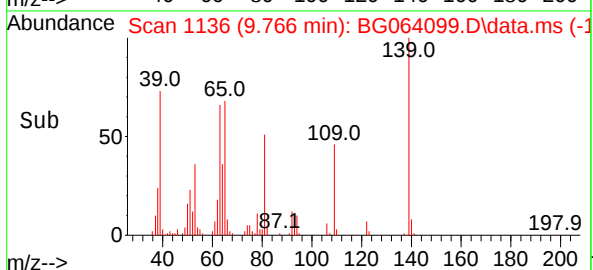
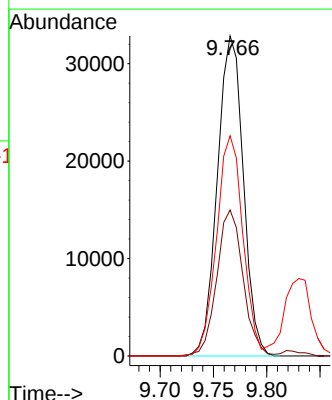
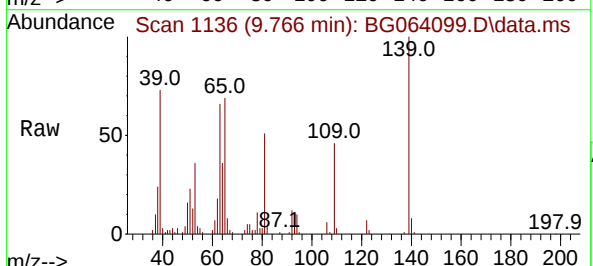
Tgt Ion:139 Resp: 55617

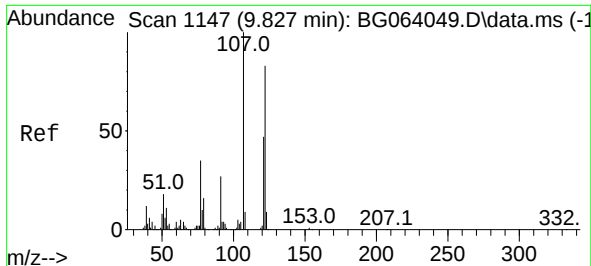
Ion Ratio Lower Upper

139 100

109 45.6 29.9 44.9#

65 68.8 50.6 76.0

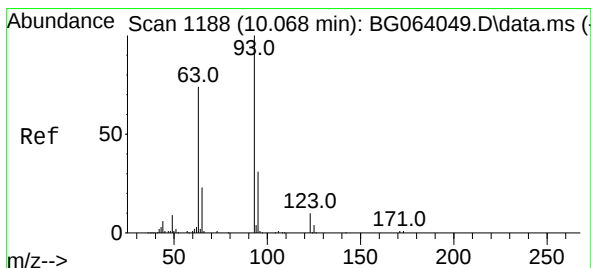
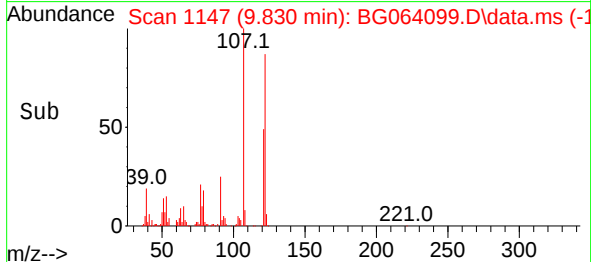
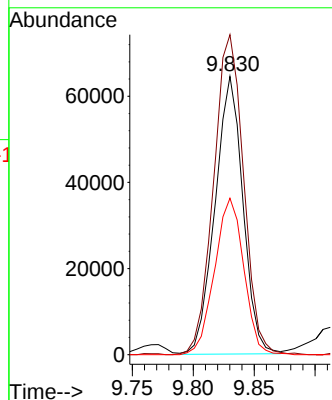
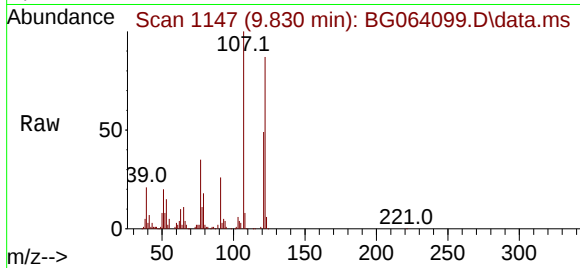




#27
2,4-Dimethylphenol
Concen: 58.817 ng
RT: 9.830 min Scan# 1147
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

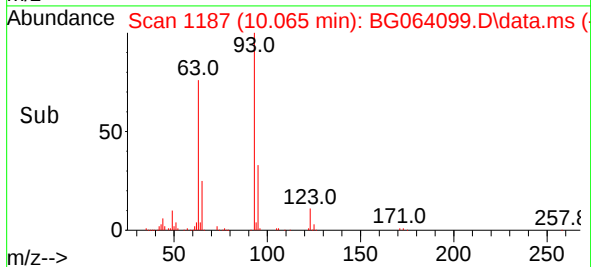
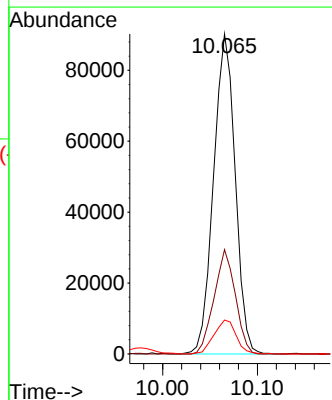
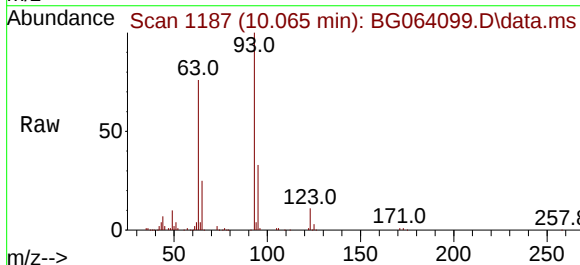
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD

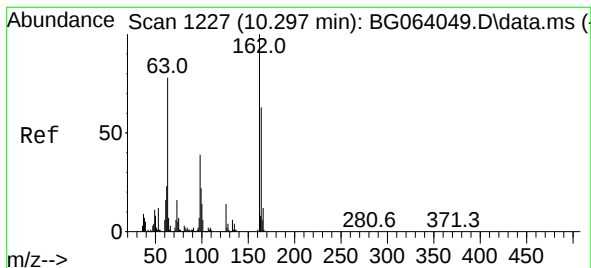
Tgt Ion:122 Resp: 102529
Ion Ratio Lower Upper
122 100
107 115.0 95.4 143.0
121 56.2 44.9 67.3



#28
bis(2-Chloroethoxy)methane
Concen: 40.536 ng
RT: 10.065 min Scan# 1187
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Tgt Ion: 93 Resp: 142907
Ion Ratio Lower Upper
93 100
95 32.6 25.0 37.4
123 10.6 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 47.634 ng

RT: 10.300 min Scan# 1227

Delta R.T. 0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

Instrument :

BNA_G

ClientSampleId :

OR-363-COMP-18MSD

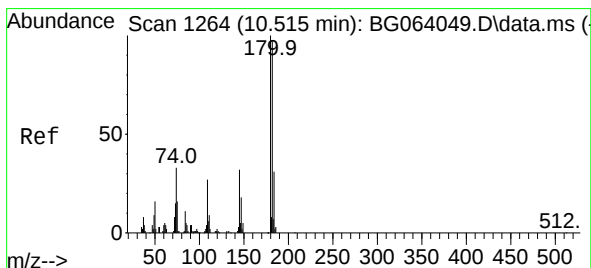
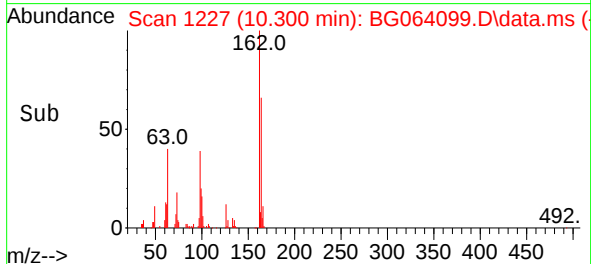
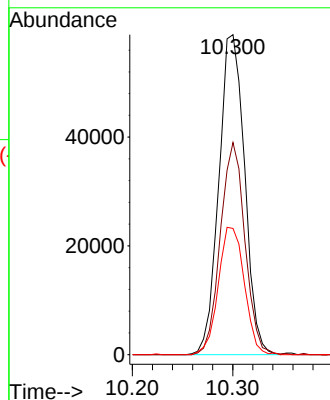
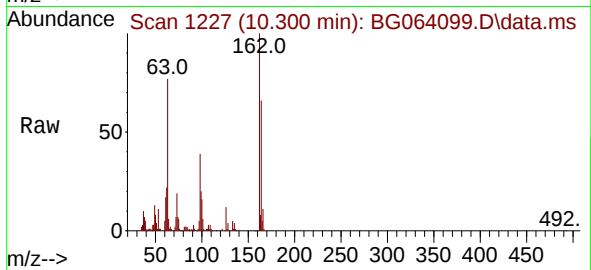
Tgt Ion:162 Resp: 104851

Ion Ratio Lower Upper

162 100

164 66.3 42.8 82.8

98 39.5 19.1 59.1



#30

1,2,4-Trichlorobenzene

Concen: 42.548 ng

RT: 10.518 min Scan# 1264

Delta R.T. 0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

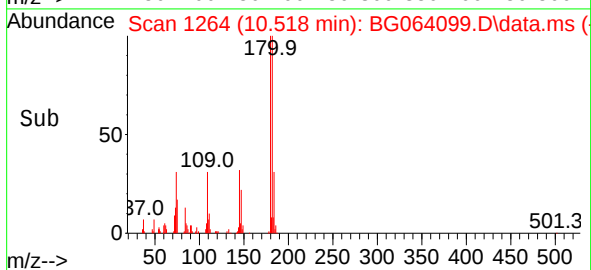
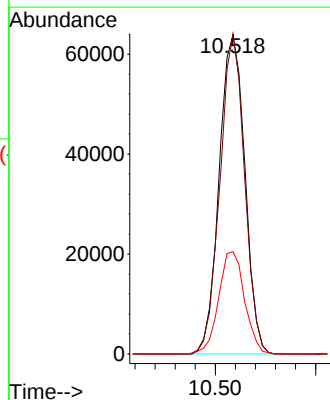
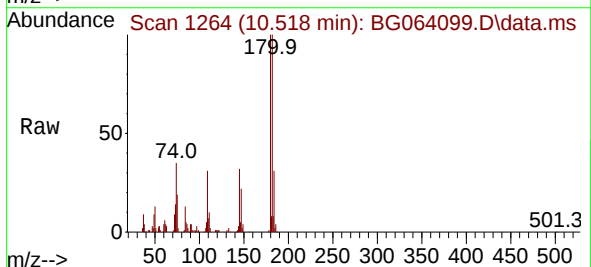
Tgt Ion:180 Resp: 113058

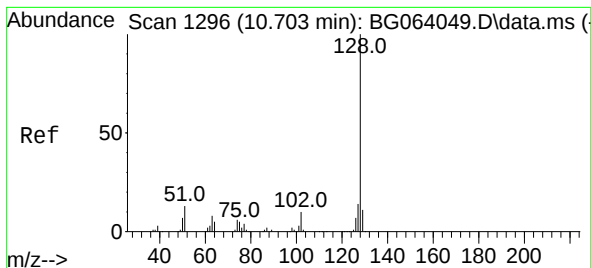
Ion Ratio Lower Upper

180 100

182 100.3 77.3 115.9

145 32.1 25.2 37.8





#31

Naphthalene

Concen: 41.874 ng

RT: 10.700 min Scan# 1117

Delta R.T. -0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

Instrument :

BNA_G

ClientSampleId :

OR-363-COMP-18MSD

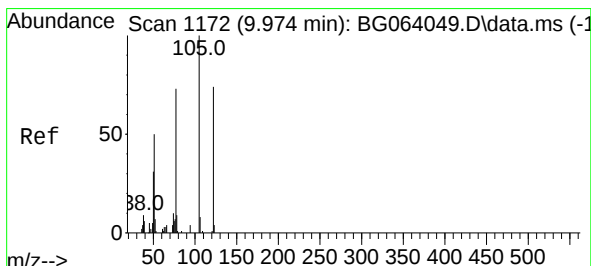
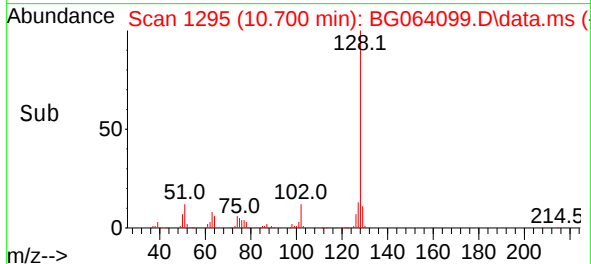
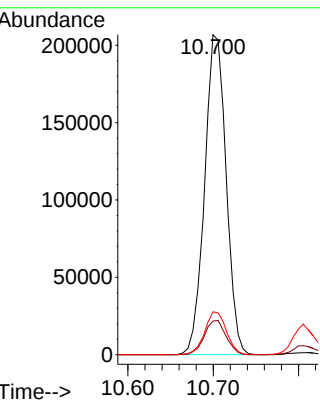
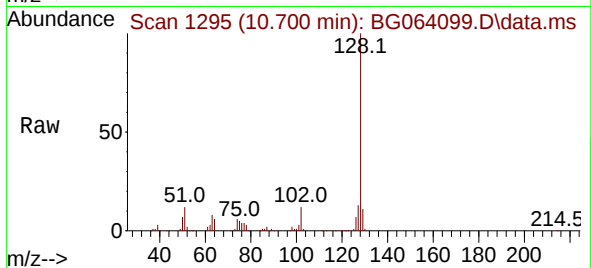
Tgt Ion:128 Resp: 362504

Ion Ratio Lower Upper

128 100

129 10.5 8.4 12.6

127 13.4 11.1 16.7



#32

Benzoic acid

Concen: 50.996 ng

RT: 9.983 min Scan# 1173

Delta R.T. 0.009 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

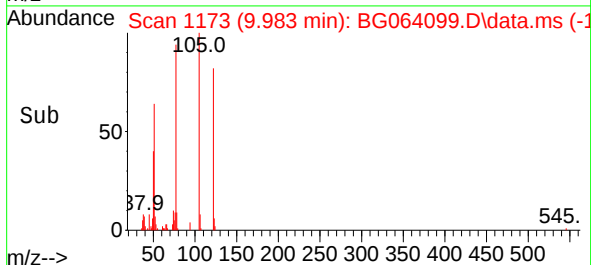
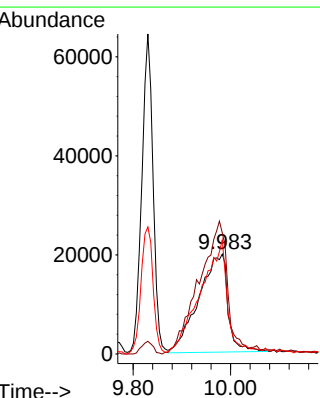
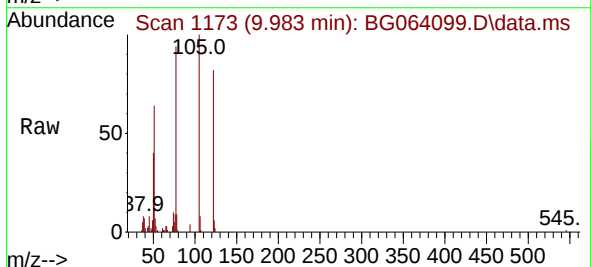
Tgt Ion:122 Resp: 82693

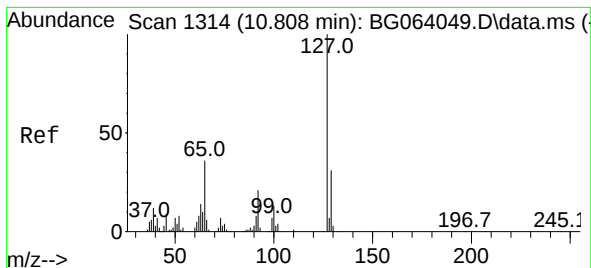
Ion Ratio Lower Upper

122 100

105 121.3 115.0 155.0

77 114.1 80.9 120.9

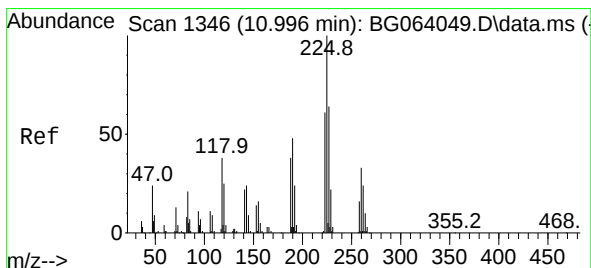
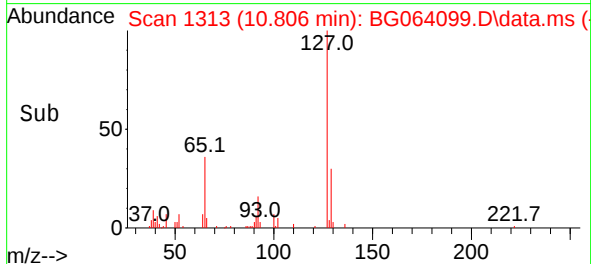
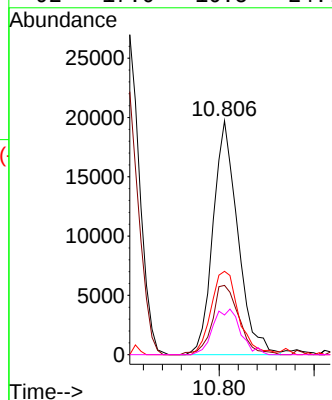
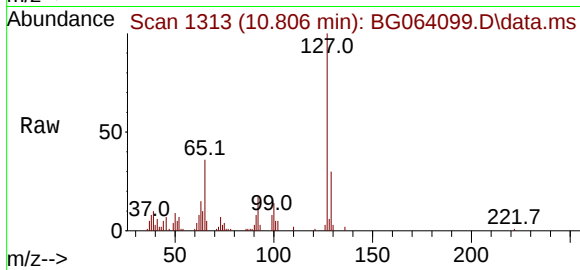




#33
4-Chloroaniline
Concen: 11.336 ng
RT: 10.806 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

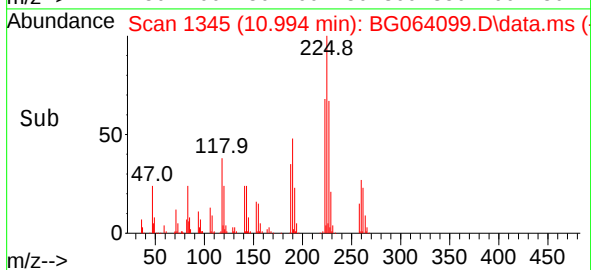
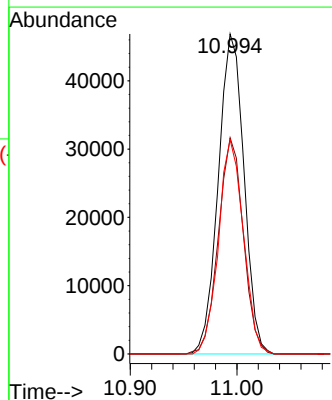
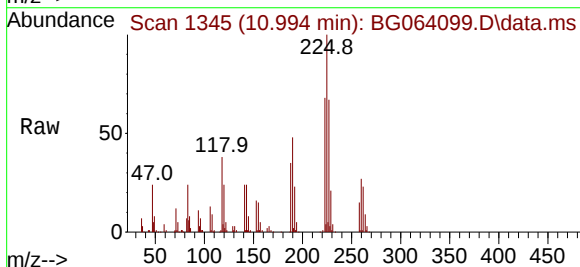
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD

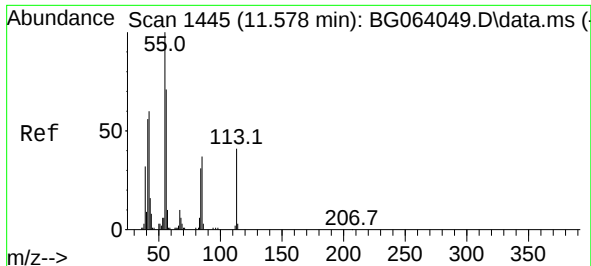
Tgt Ion:	127	Resp:	35869
Ion Ratio	Lower	Upper	
127	100		
129	29.7	25.0	37.4
65	35.7	28.5	42.7
92	17.0	16.5	24.7



#34
Hexachlorobutadiene
Concen: 44.976 ng
RT: 10.994 min Scan# 1345
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Tgt Ion:	225	Resp:	78334
Ion Ratio	Lower	Upper	
225	100		
223	67.5	48.5	72.7
227	66.9	51.0	76.6





#35

Caprolactam

Concen: 28.676 ng

RT: 11.575 min Scan# 1444

Delta R.T. -0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

Instrument :

BNA_G

ClientSampleId :

OR-363-COMP-18MSD

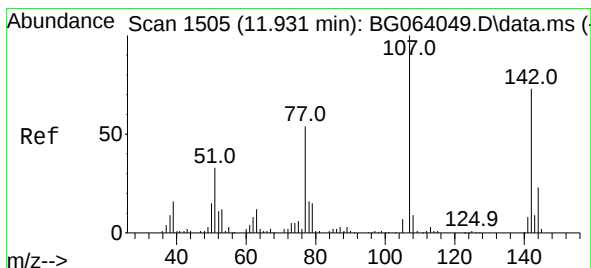
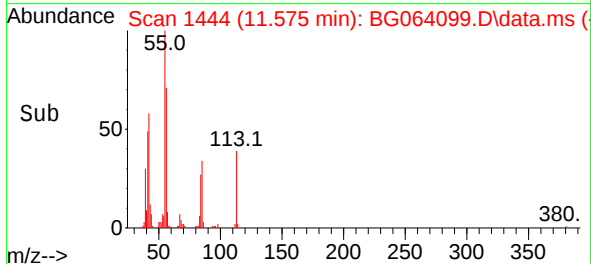
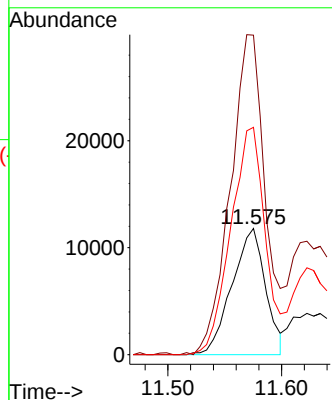
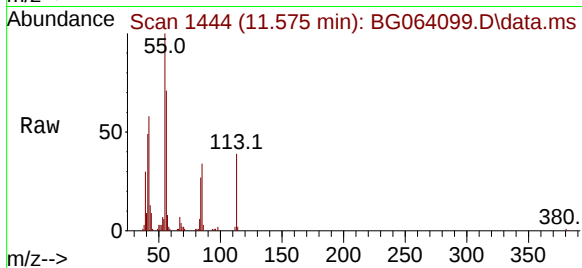
Tgt Ion:113 Resp: 24189

Ion Ratio Lower Upper

113 100

55 253.3 225.2 265.2

56 180.1 153.4 193.4



#36

4-Chloro-3-methylphenol

Concen: 45.025 ng

RT: 11.934 min Scan# 1505

Delta R.T. 0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

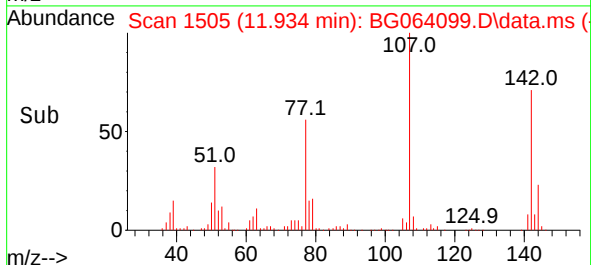
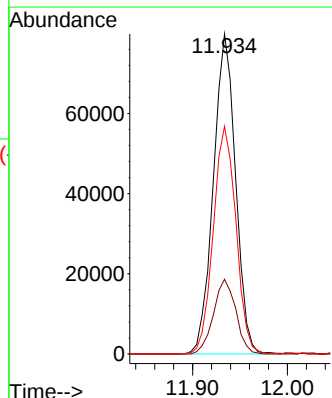
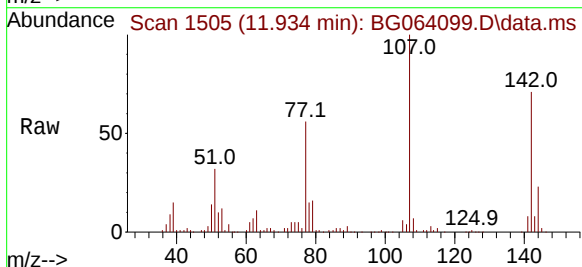
Tgt Ion:107 Resp: 129912

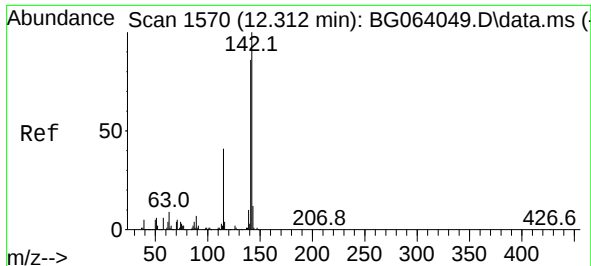
Ion Ratio Lower Upper

107 100

144 23.4 18.6 28.0

142 71.1 58.0 87.0

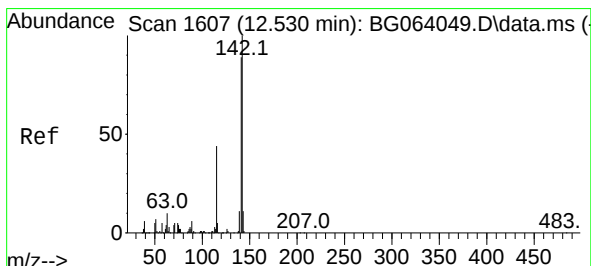
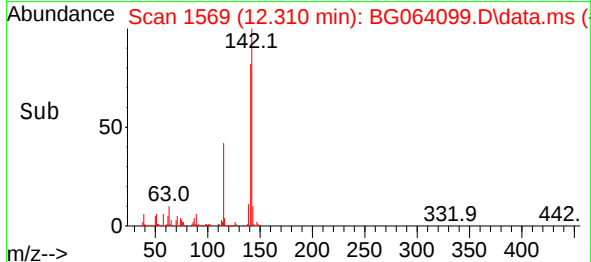
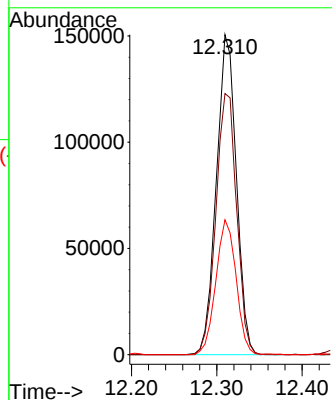
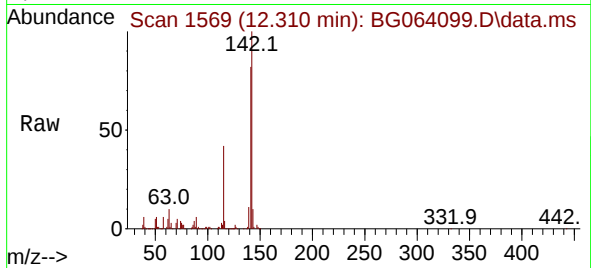




#37
2-Methylnaphthalene
Concen: 40.157 ng
RT: 12.310 min Scan# 1569
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

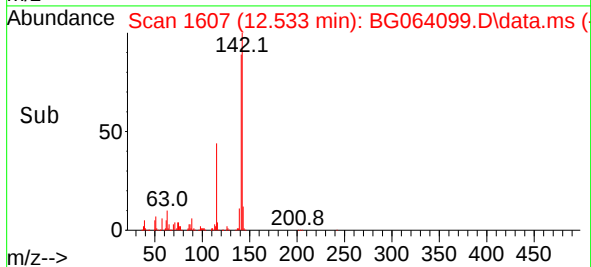
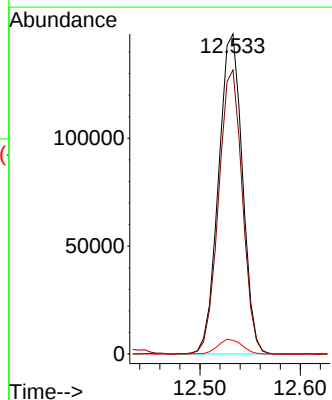
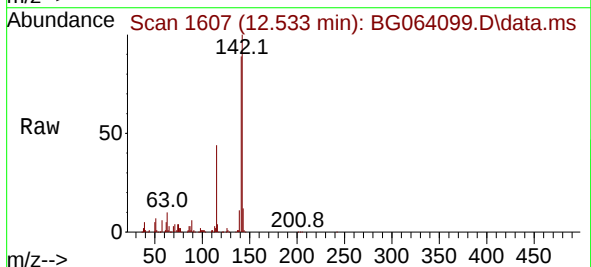
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD

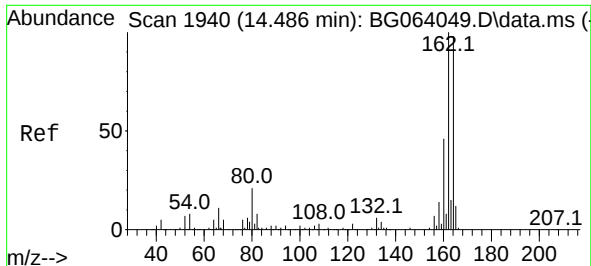
Tgt Ion:142 Resp: 245425
Ion Ratio Lower Upper
142 100
141 81.6 68.6 103.0
115 42.2 32.8 49.2



#38
1-Methylnaphthalene
Concen: 40.895 ng
RT: 12.533 min Scan# 1607
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Tgt Ion:142 Resp: 244859
Ion Ratio Lower Upper
142 100
141 88.7 71.2 106.8
116 4.2 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.489 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

Instrument :

BNA_G

ClientSampleId :

OR-363-COMP-18MSD

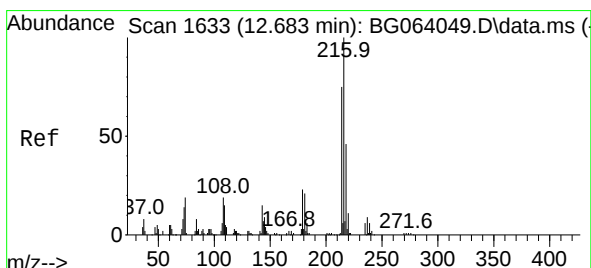
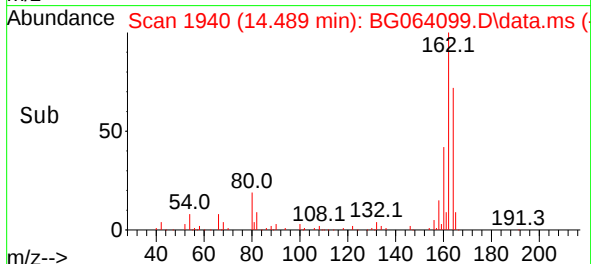
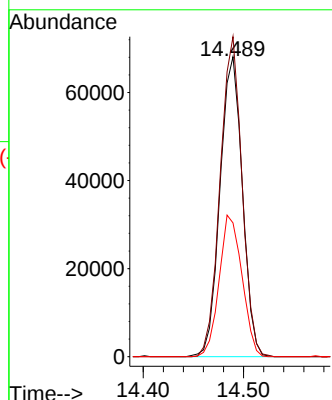
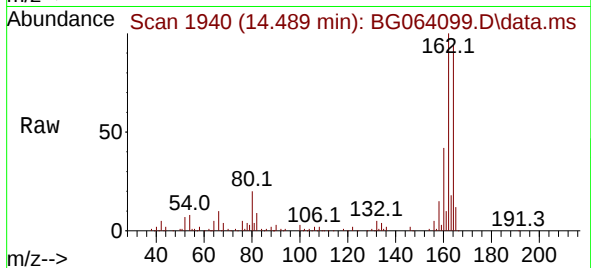
Tgt Ion:164 Resp: 104879

Ion Ratio Lower Upper

164 100

162 106.6 81.4 122.0

160 44.6 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.070 ng

RT: 12.680 min Scan# 1632

Delta R.T. -0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

Tgt Ion:216 Resp: 143931

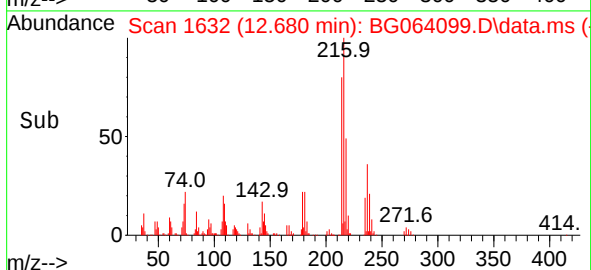
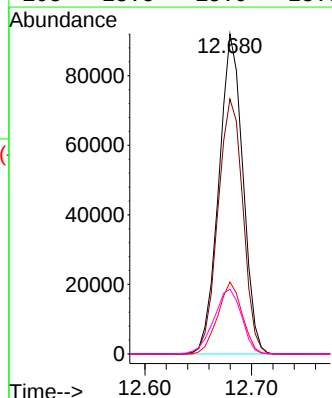
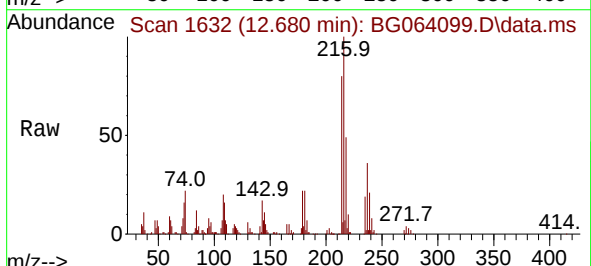
Ion Ratio Lower Upper

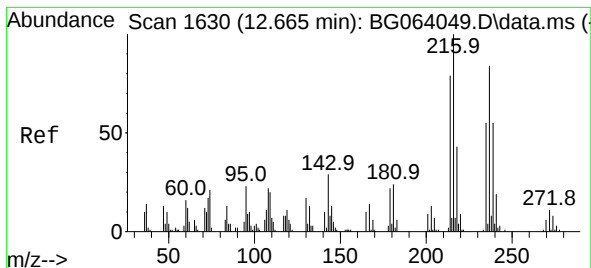
216 100

214 82.8 61.7 92.5

179 22.7 17.9 26.9

108 23.5 15.9 23.9





#41

Hexachlorocyclopentadiene

Concen: 160.555 ng

RT: 12.662 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG064099.D

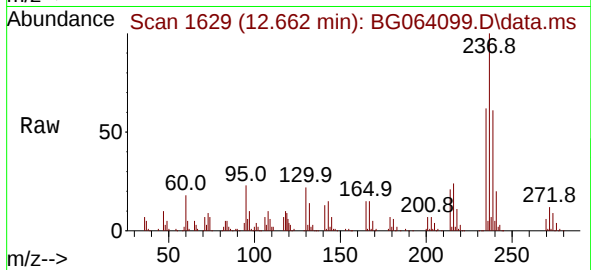
Acq: 11 Mar 2025 17:18

Instrument :

BNA_G

ClientSampleId :

OR-363-COMP-18MSD



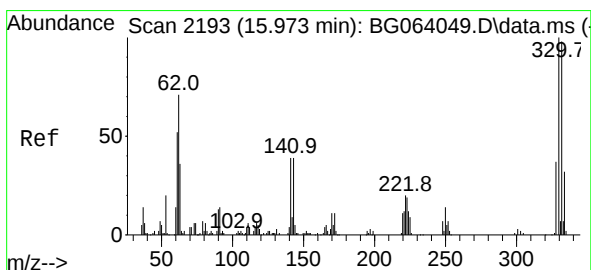
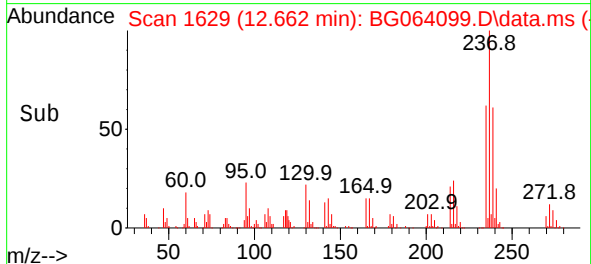
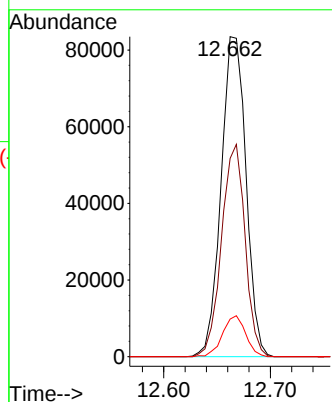
Tgt Ion:237 Resp: 135304

Ion Ratio Lower Upper

237 100

235 61.9 46.0 86.0

272 11.7 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 124.492 ng

RT: 15.976 min Scan# 2193

Delta R.T. 0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

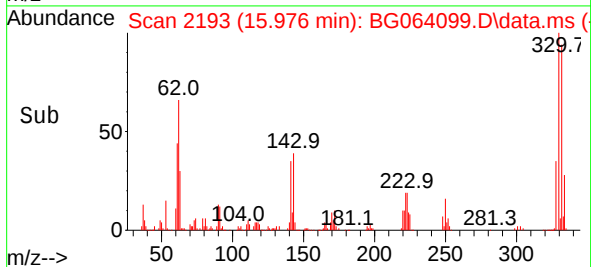
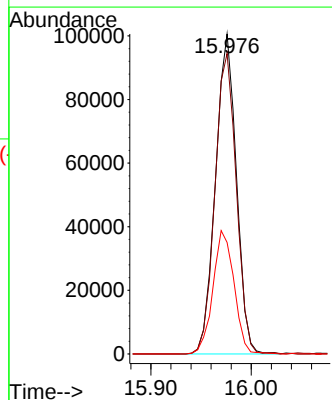
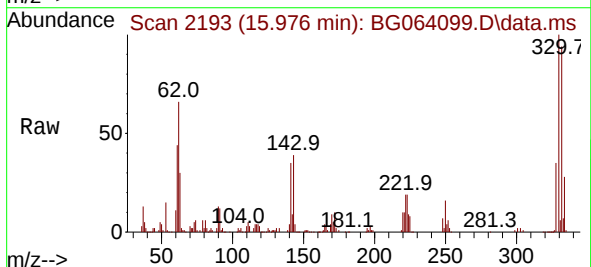
Tgt Ion:330 Resp: 145133

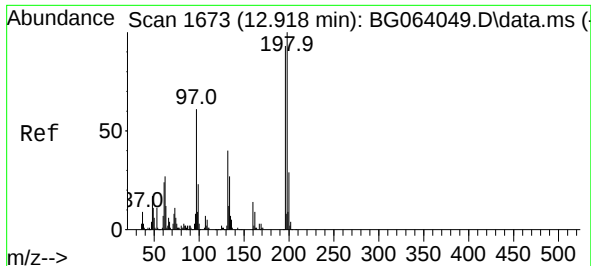
Ion Ratio Lower Upper

330 100

332 96.2 76.7 115.1

141 39.1 29.7 44.5





#43

2,4,6-Trichlorophenol

Concen: 51.206 ng

RT: 12.915 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

Instrument :

BNA_G

ClientSampleId :

OR-363-COMP-18MSD

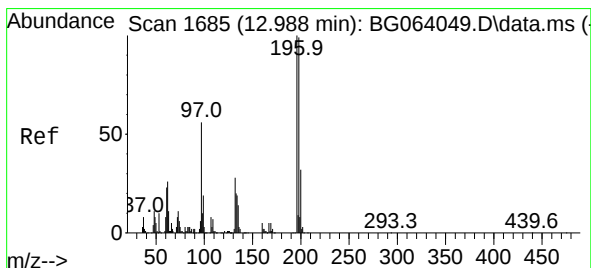
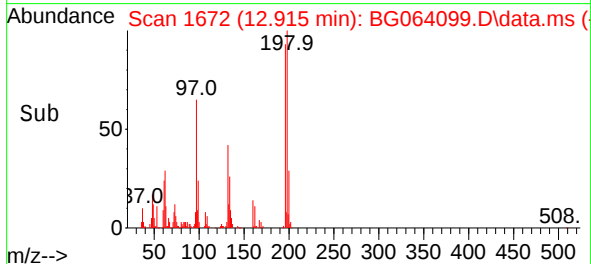
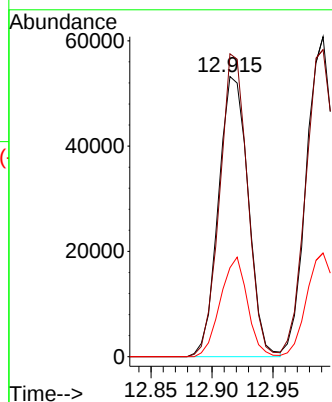
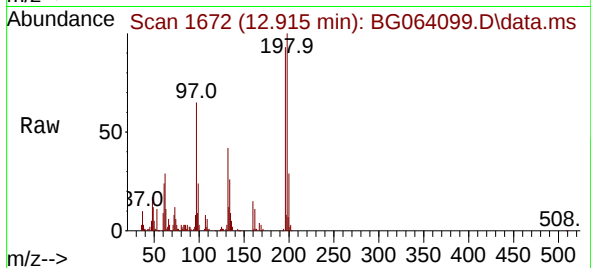
Tgt Ion:196 Resp: 90364

Ion Ratio Lower Upper

196 100

198 108.1 85.6 128.4

200 31.7 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 49.883 ng

RT: 12.991 min Scan# 1685

Delta R.T. 0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

Tgt Ion:196 Resp: 97812

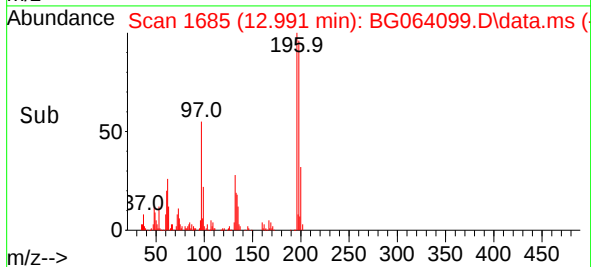
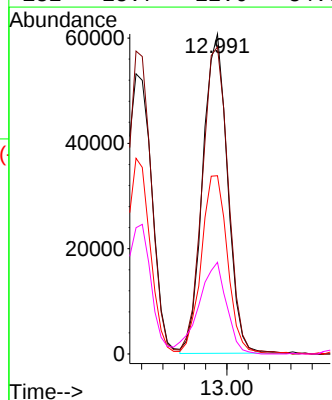
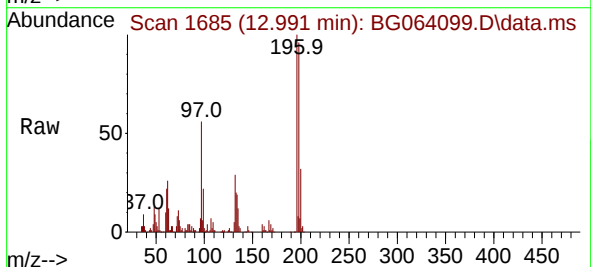
Ion Ratio Lower Upper

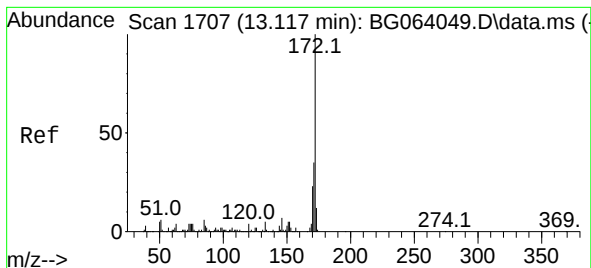
196 100

198 95.9 79.5 119.3

97 55.7 45.2 67.8

132 28.7 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 66.121 ng

RT: 13.115 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

Instrument :

BNA_G

ClientSampleId :

OR-363-COMP-18MSD

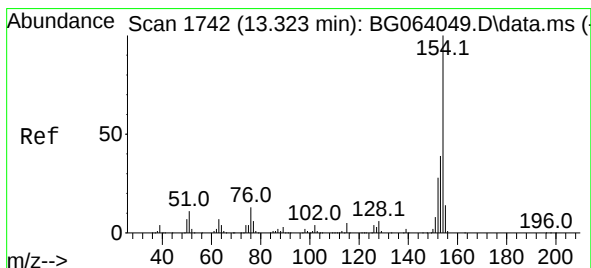
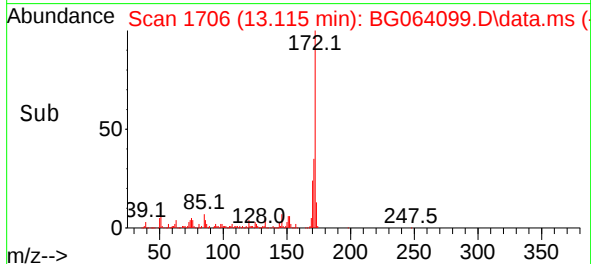
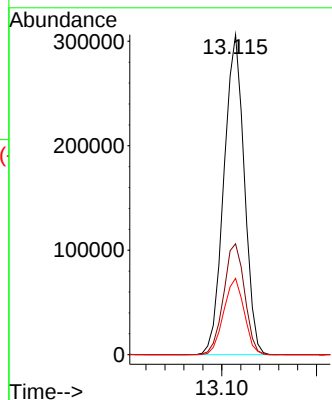
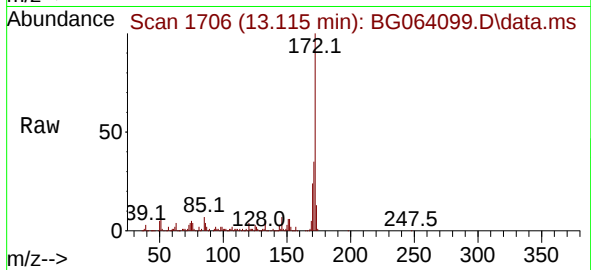
Tgt Ion:172 Resp: 456868

Ion Ratio Lower Upper

172 100

171 34.7 28.0 42.0

170 23.9 18.7 28.1



#46

1,1'-Biphenyl

Concen: 47.866 ng

RT: 13.326 min Scan# 1742

Delta R.T. 0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

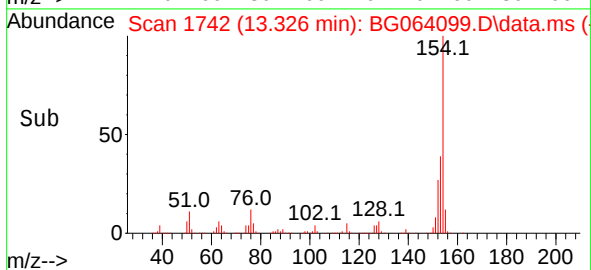
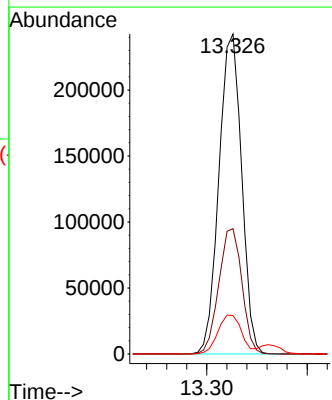
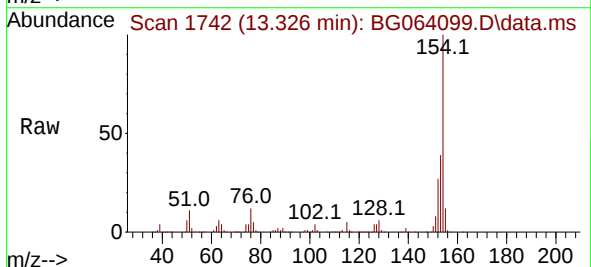
Tgt Ion:154 Resp: 379279

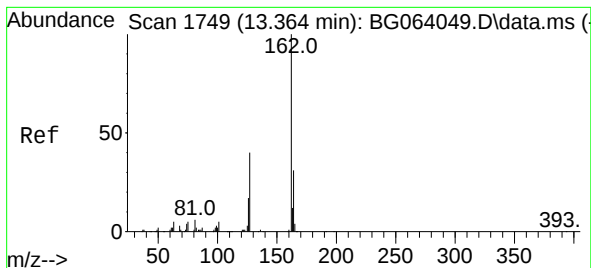
Ion Ratio Lower Upper

154 100

153 39.2 19.5 59.5

76 12.0 0.0 33.5

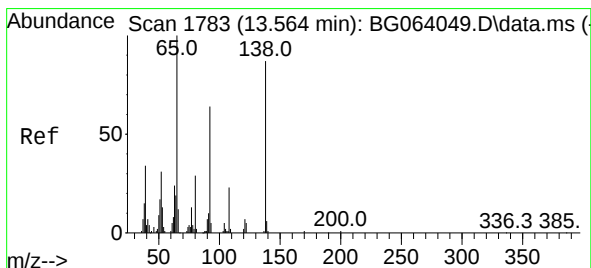
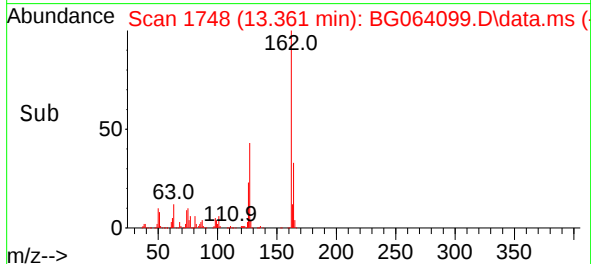
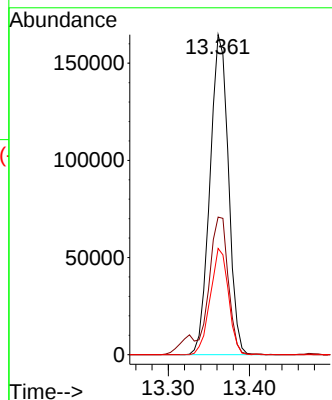
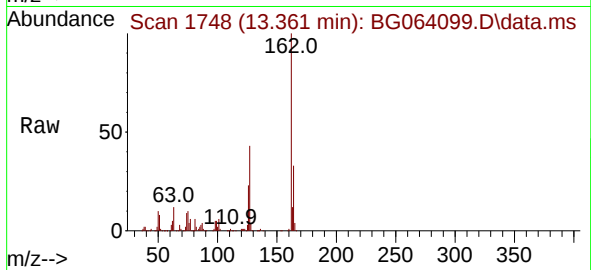




#47
2-Chloronaphthalene
Concen: 44.970 ng
RT: 13.361 min Scan# 1748
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

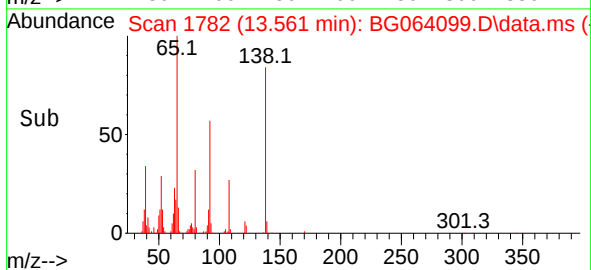
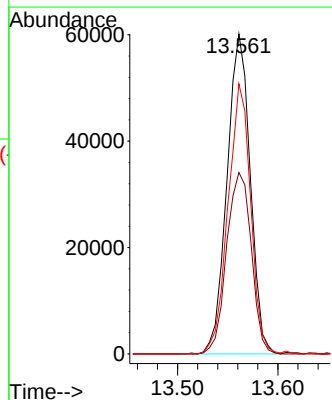
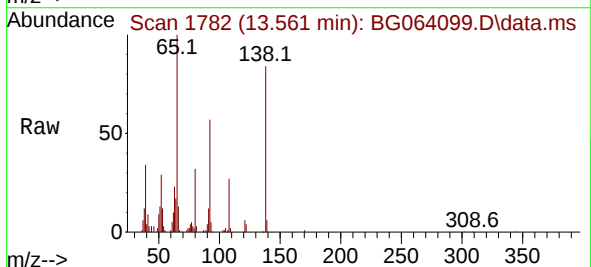
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD

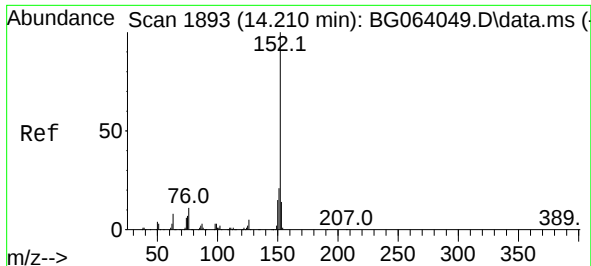
Tgt Ion:162 Resp: 259884
Ion Ratio Lower Upper
162 100
127 43.0 35.0 52.4
164 33.2 25.0 37.6



#48
2-Nitroaniline
Concen: 49.877 ng
RT: 13.561 min Scan# 1782
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Tgt Ion: 65 Resp: 96480
Ion Ratio Lower Upper
65 100
92 56.7 51.2 76.8
138 84.5 69.4 104.2

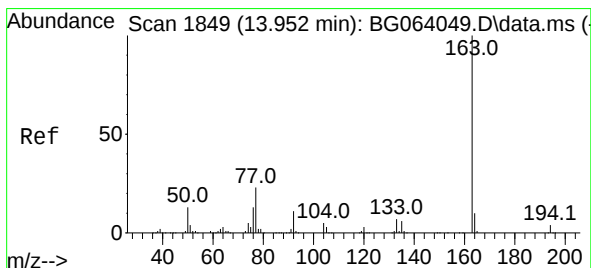
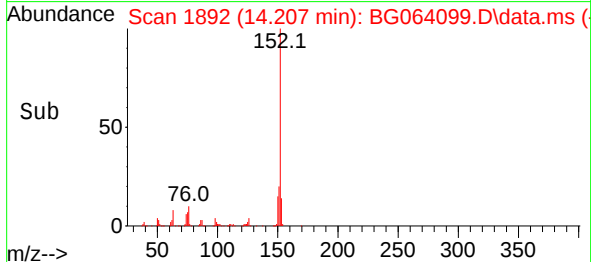
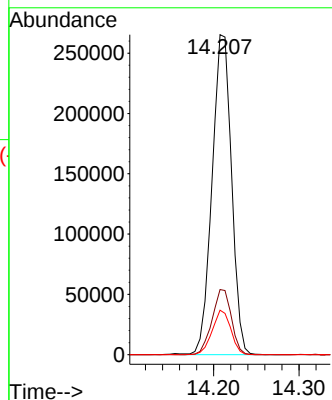
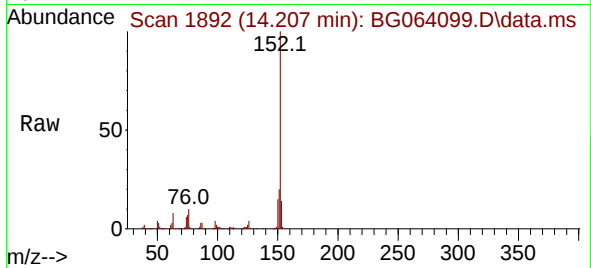




#49
Acenaphthylene
Concen: 45.963 ng
RT: 14.207 min Scan# 1892
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

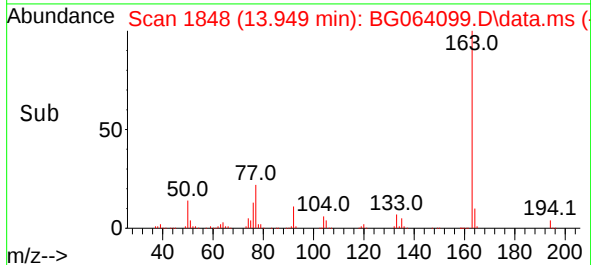
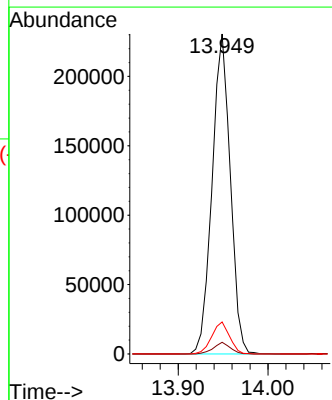
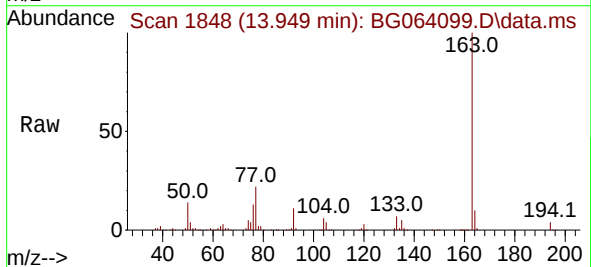
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD

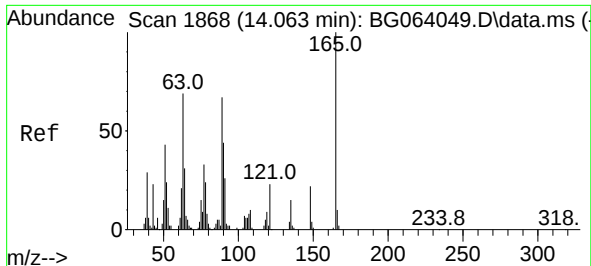
Tgt Ion:152 Resp: 420136
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.9 10.9 16.3



#50
Dimethylphthalate
Concen: 41.864 ng
RT: 13.949 min Scan# 1848
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Tgt Ion:163 Resp: 324105
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.0 8.2 12.2

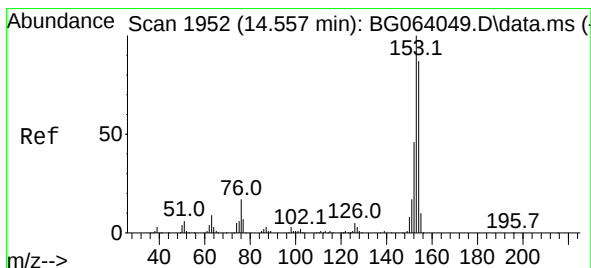
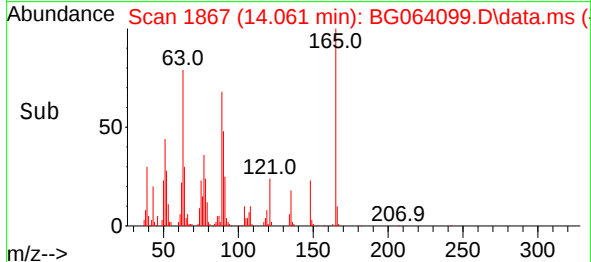
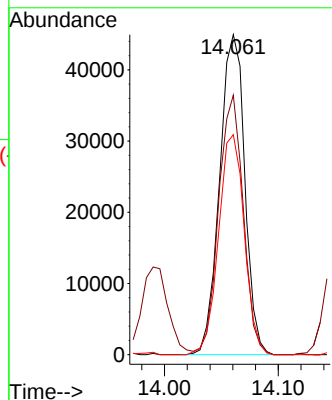
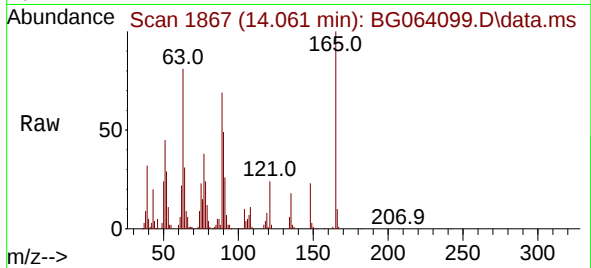




#51
2,6-Dinitrotoluene
Concen: 44.226 ng
RT: 14.061 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

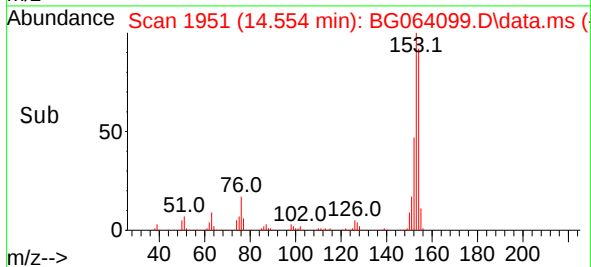
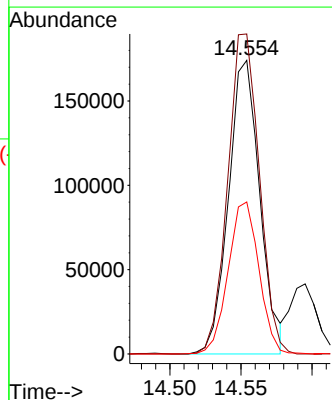
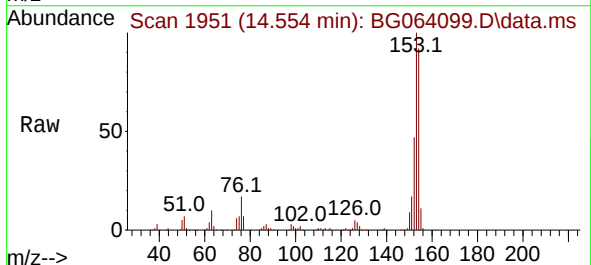
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD

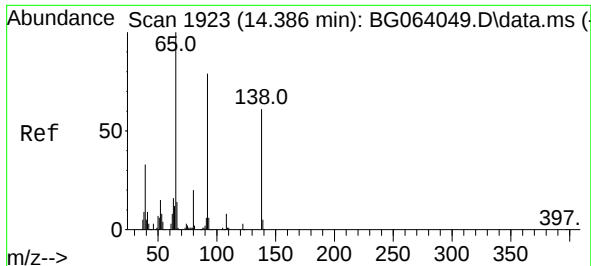
Tgt Ion:165 Resp: 69016
Ion Ratio Lower Upper
165 100
63 81.1 56.7 85.1
89 68.7 53.7 80.5



#52
Acenaphthene
Concen: 43.598 ng
RT: 14.554 min Scan# 1951
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Tgt Ion:154 Resp: 267447
Ion Ratio Lower Upper
154 100
153 109.0 91.6 137.4
152 51.7 42.5 63.7

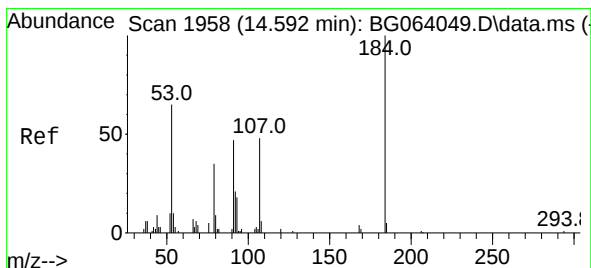
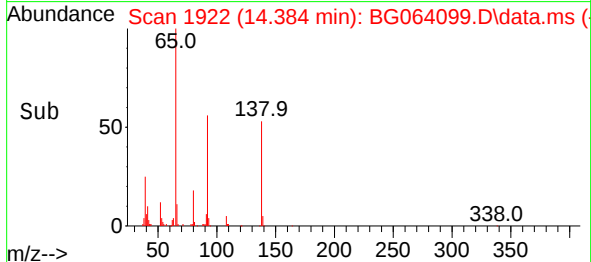
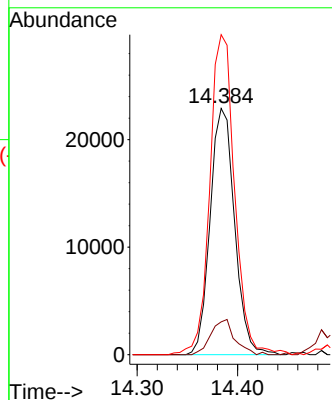
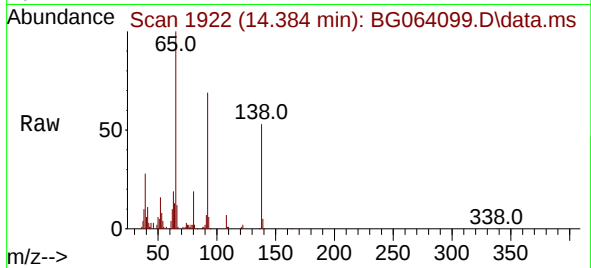




#53
3-Nitroaniline
Concen: 25.948 ng
RT: 14.384 min Scan# 1923
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

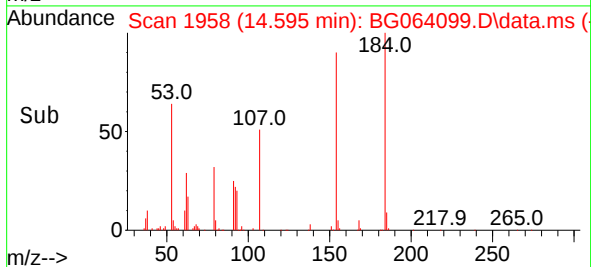
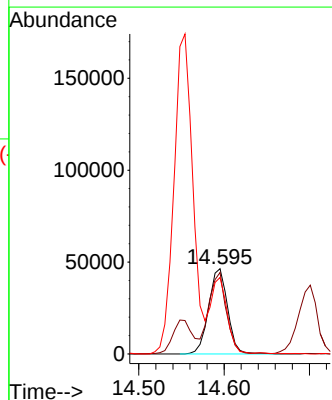
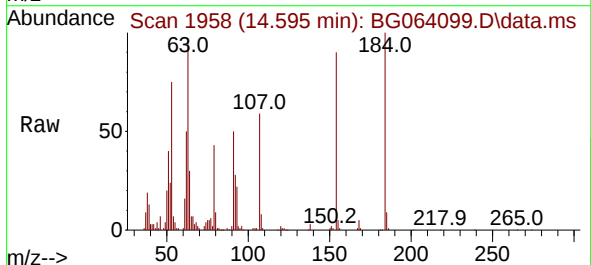
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD

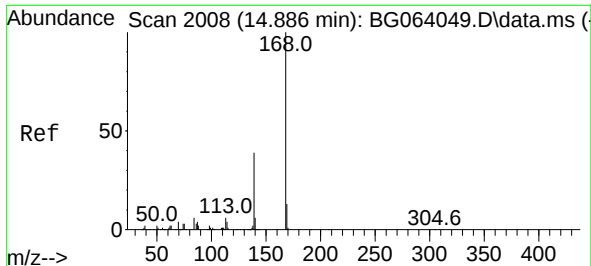
Tgt Ion:138 Resp: 38826
Ion Ratio Lower Upper
138 100
108 13.3 10.1 15.1
92 129.9 104.1 156.1



#54
2,4-Dinitrophenol
Concen: 106.308 ng
RT: 14.595 min Scan# 1958
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Tgt Ion:184 Resp: 71498
Ion Ratio Lower Upper
184 100
63 95.5 57.5 86.3#
154 89.6 52.3 78.5#





#55

Dibenzofuran

Concen: 41.448 ng

RT: 14.889 min Scan# 2008

Delta R.T. 0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

Instrument :

BNA_G

ClientSampleId :

OR-363-COMP-18MSD

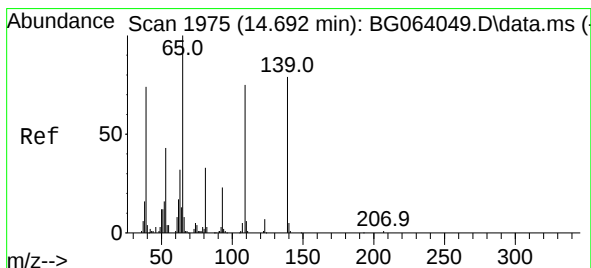
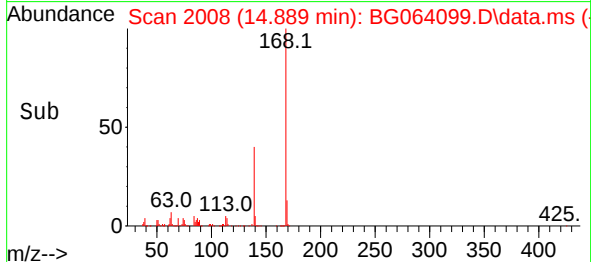
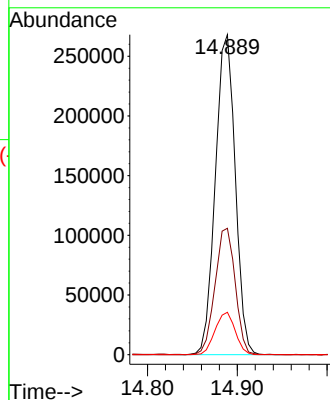
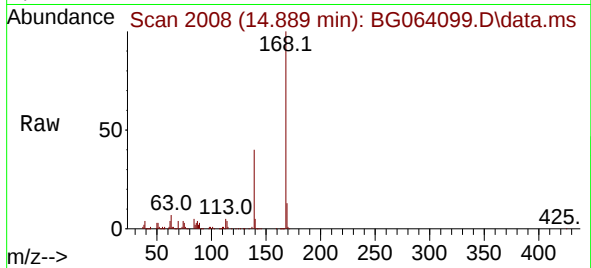
Tgt Ion:168 Resp: 411899

Ion Ratio Lower Upper

168 100

139 39.5 31.1 46.7

169 13.2 10.5 15.7



#56

4-Nitrophenol

Concen: 106.157 ng

RT: 14.701 min Scan# 1976

Delta R.T. 0.009 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

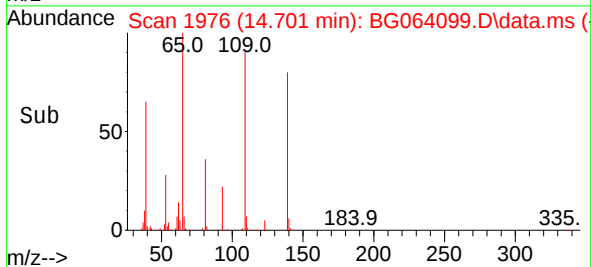
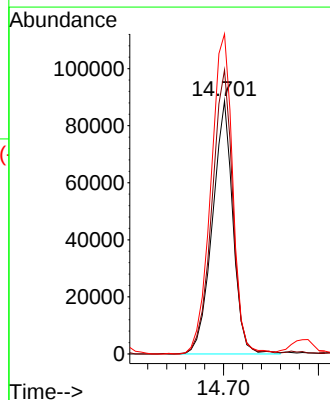
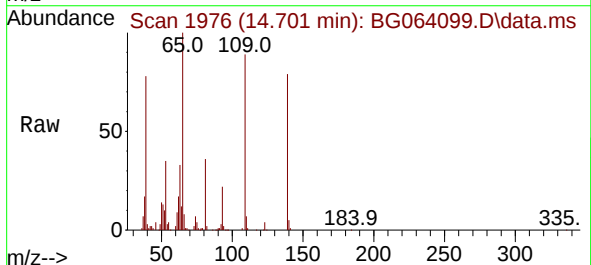
Tgt Ion:139 Resp: 133216

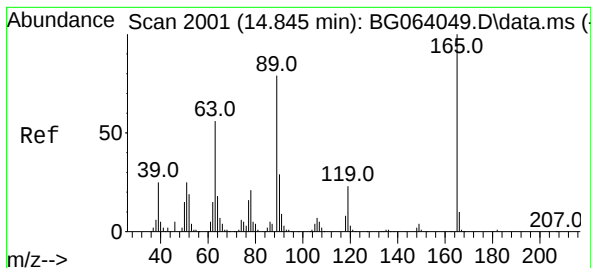
Ion Ratio Lower Upper

139 100

109 112.3 74.9 114.9

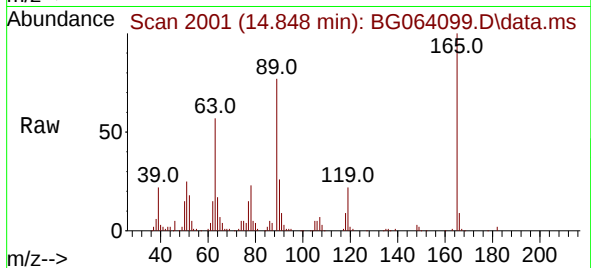
65 126.5 106.8 146.8



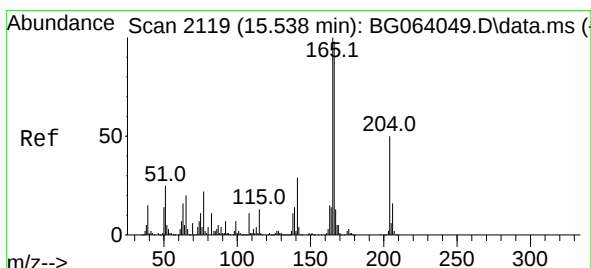
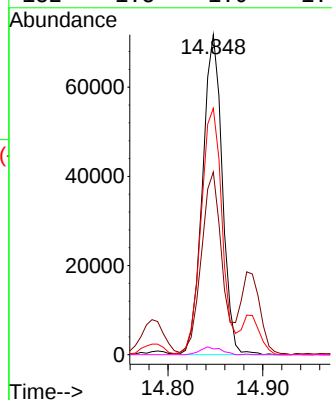
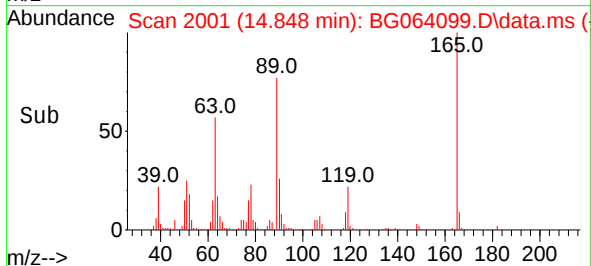


#57
2,4-Dinitrotoluene
Concen: 47.802 ng
RT: 14.848 min Scan# 2001
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD

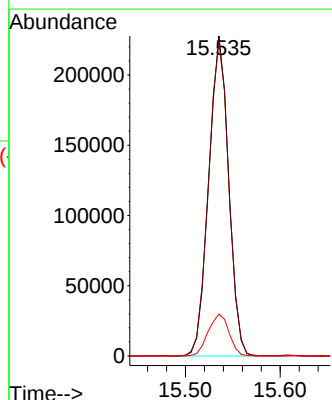
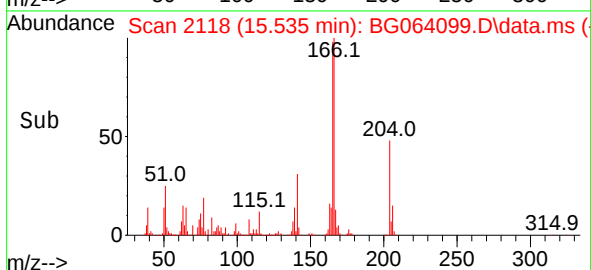
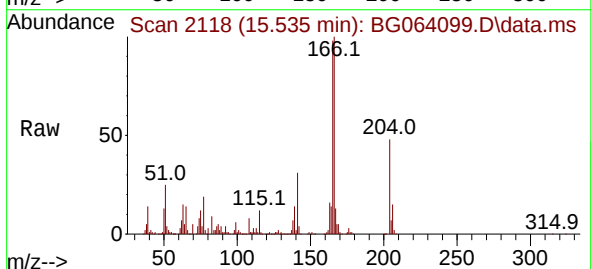


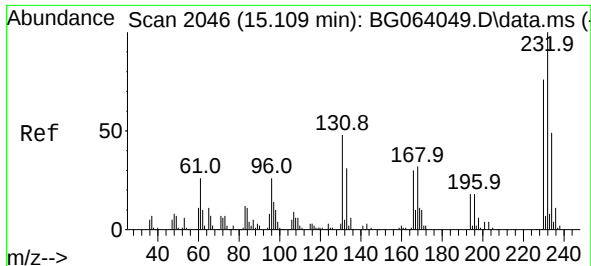
Tgt Ion:165 Resp: 103560
Ion Ratio Lower Upper
165 100
63 57.1 45.0 67.6
89 77.0 63.1 94.7
182 1.8 1.0 1.4#



#58
Fluorene
Concen: 42.901 ng
RT: 15.535 min Scan# 2118
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Tgt Ion:166 Resp: 332059
Ion Ratio Lower Upper
166 100
165 98.0 81.8 122.8
167 13.1 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.670 ng

RT: 15.112 min Scan# 2046

Delta R.T. 0.003 min

Lab File: BG064099.D

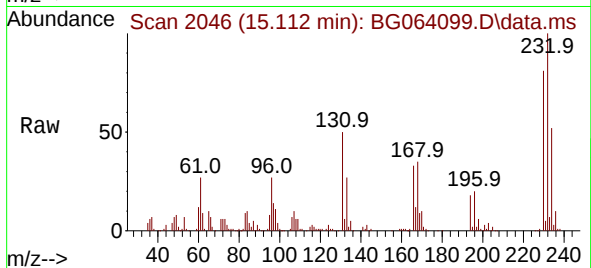
Acq: 11 Mar 2025 17:18

Instrument :

BNA_G

ClientSampleId :

OR-363-COMP-18MSD



Tgt Ion:232 Resp: 93038

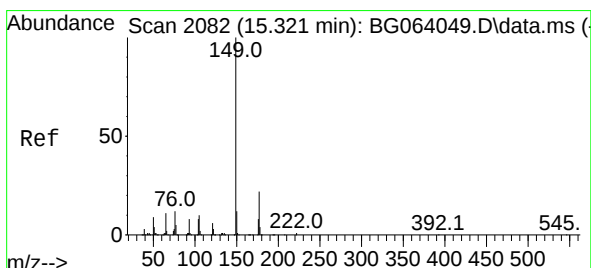
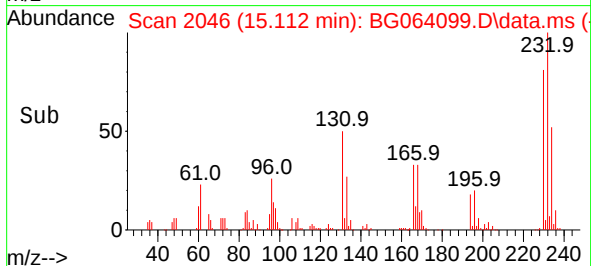
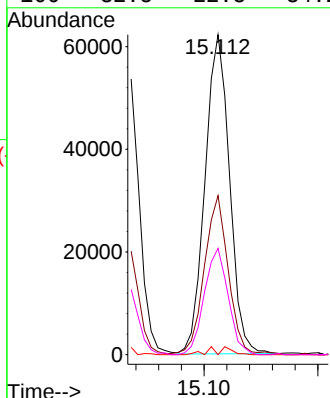
Ion Ratio Lower Upper

232 100

131 48.9 36.3 54.5

130 1.1 1.9 2.9#

166 32.5 22.8 34.2



#60

Diethylphthalate

Concen: 40.912 ng

RT: 15.318 min Scan# 2081

Delta R.T. -0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

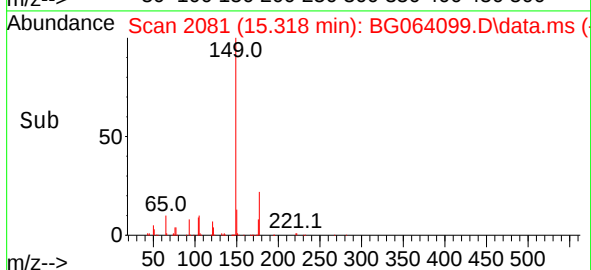
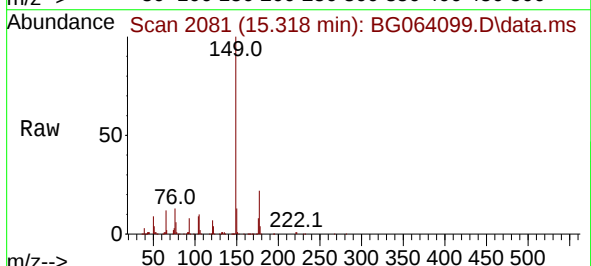
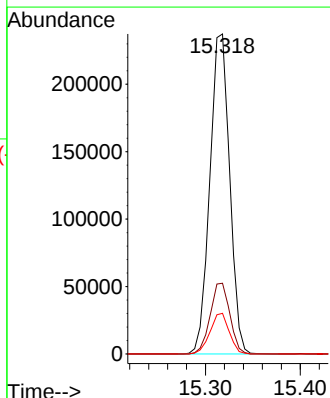
Tgt Ion:149 Resp: 343845

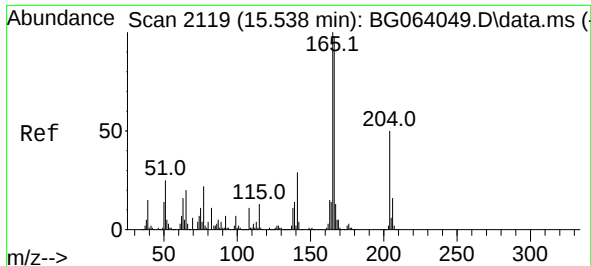
Ion Ratio Lower Upper

149 100

177 22.1 17.4 26.2

150 12.7 9.4 14.2

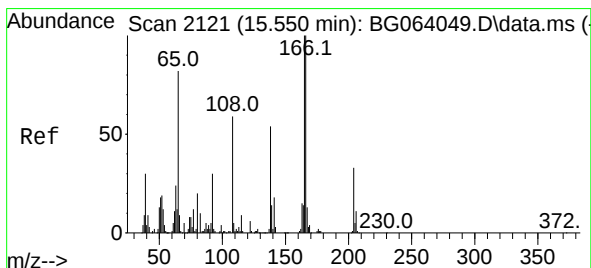
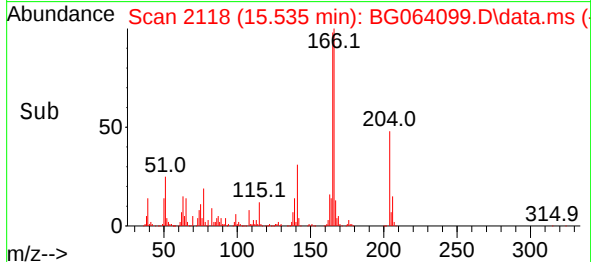
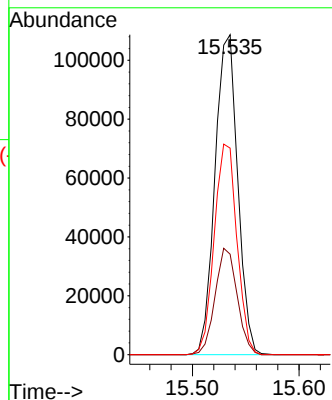
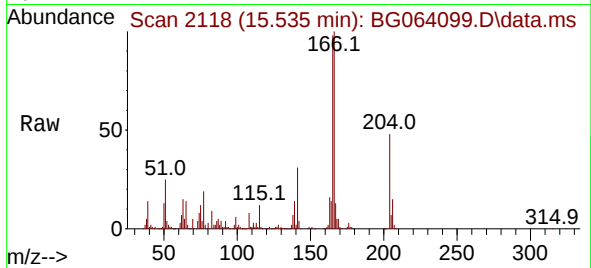




#61
4-Chlorophenyl-phenylether
Concen: 41.764 ng
RT: 15.535 min Scan# 2119
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

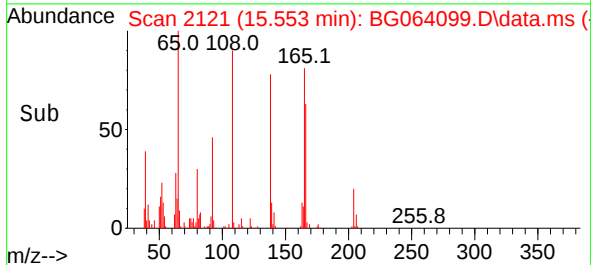
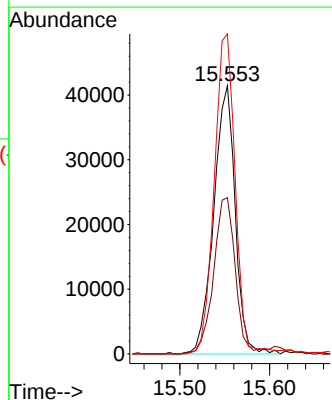
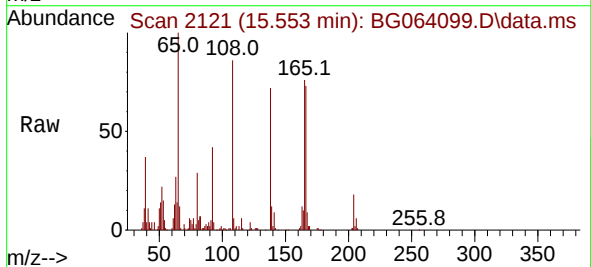
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD

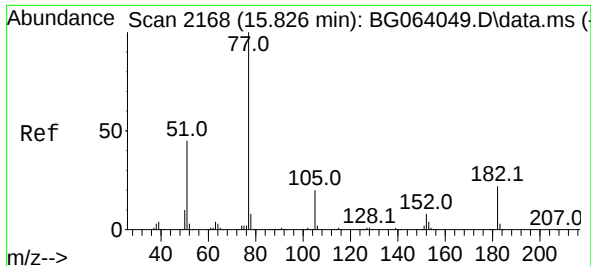
Tgt Ion:204 Resp: 160637
Ion Ratio Lower Upper
204 100
206 31.4 25.5 38.3
141 64.6 45.4 68.0



#62
4-Nitroaniline
Concen: 42.648 ng
RT: 15.553 min Scan# 2121
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Tgt Ion:138 Resp: 68896
Ion Ratio Lower Upper
138 100
92 58.3 36.1 76.1
108 119.3 87.9 127.9

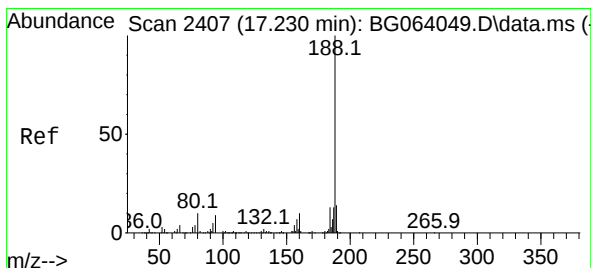
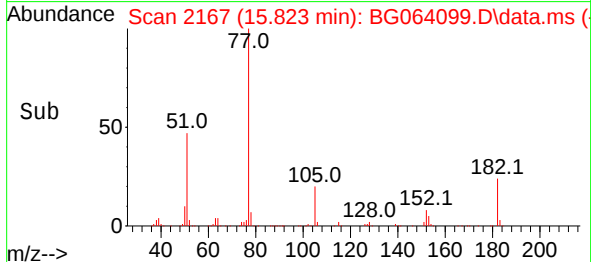
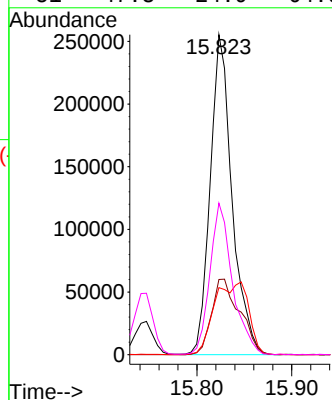
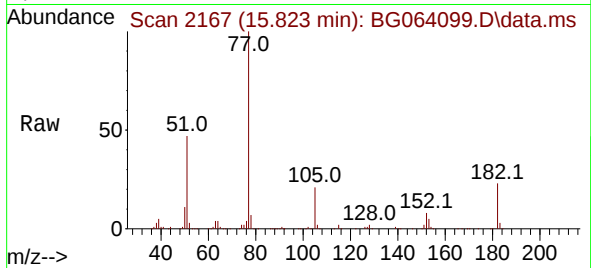




#63
 Azobenzene
 Concen: 45.723 ng
 RT: 15.823 min Scan# 2168
 Delta R.T. -0.003 min
 Lab File: BG064099.D
 Acq: 11 Mar 2025 17:18

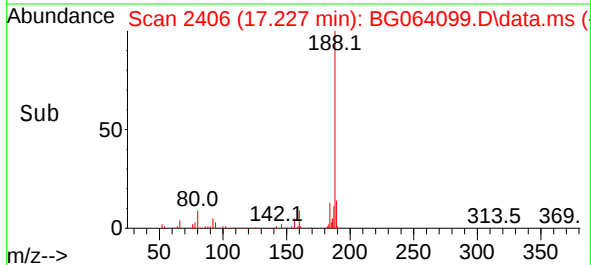
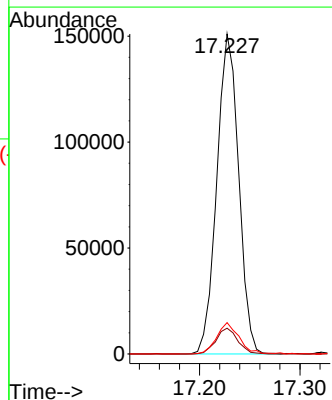
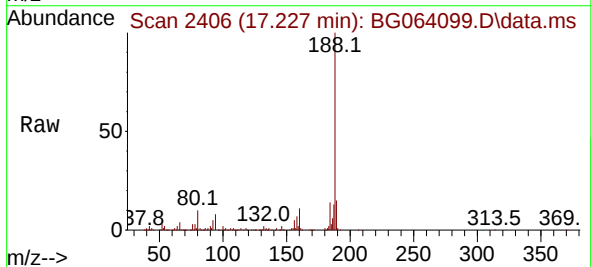
Instrument :
 BNA_G
 ClientSampleId :
 OR-363-COMP-18MSD

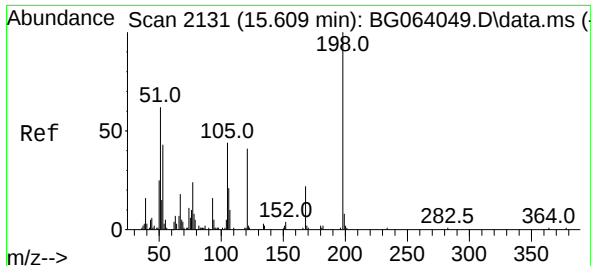
Tgt Ion:	77	Resp:	410064
Ion	Ratio	Lower	Upper
77	100		
182	23.5	2.4	42.4
105	21.0	0.0	40.0
51	47.3	24.9	64.9



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.227 min Scan# 2406
 Delta R.T. -0.003 min
 Lab File: BG064099.D
 Acq: 11 Mar 2025 17:18

Tgt Ion:	188	Resp:	227860
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	9.8	8.1	12.1

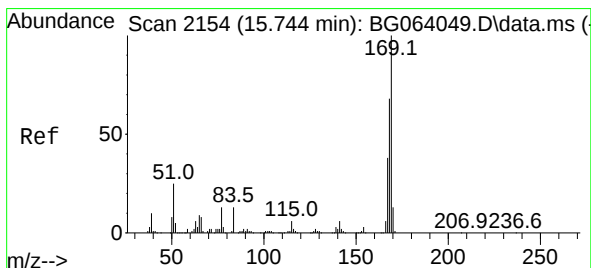
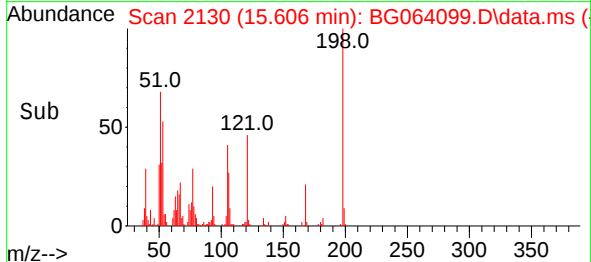
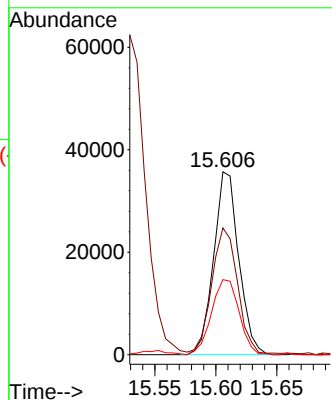
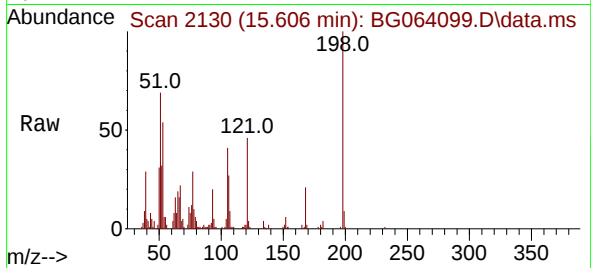




#65
4,6-Dinitro-2-methylphenol
Concen: 51.236 ng
RT: 15.606 min Scan# 2131
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

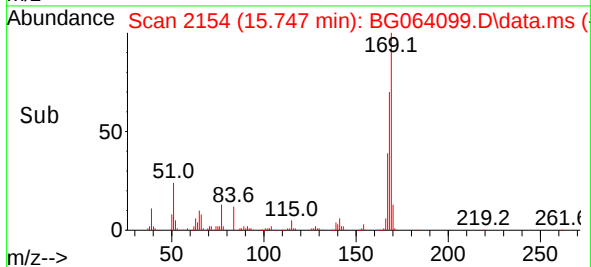
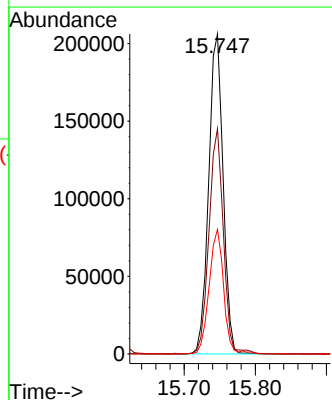
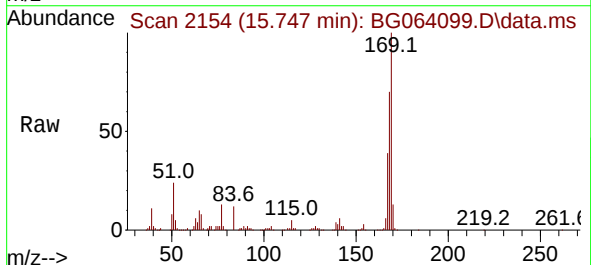
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD

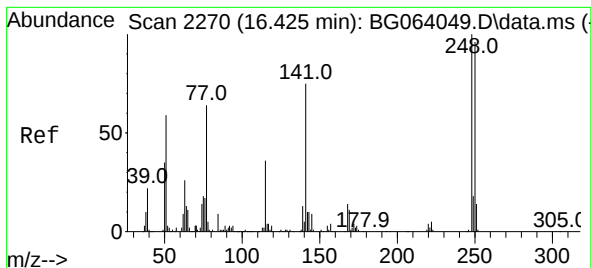
Tgt Ion:198 Resp: 51090
Ion Ratio Lower Upper
198 100
51 69.2 45.6 85.6
105 41.0 25.3 65.3



#66
n-Nitrosodiphenylamine
Concen: 45.095 ng
RT: 15.747 min Scan# 2154
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Tgt Ion:169 Resp: 290857
Ion Ratio Lower Upper
169 100
168 70.4 54.1 81.1
167 38.9 30.3 45.5

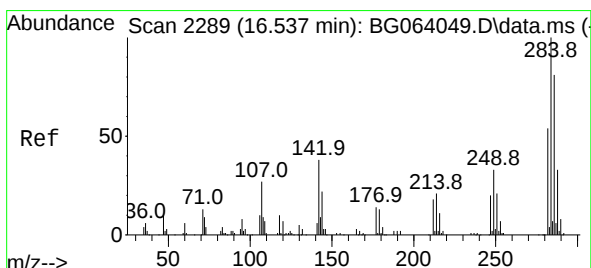
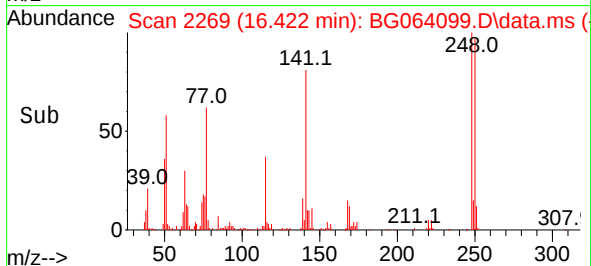
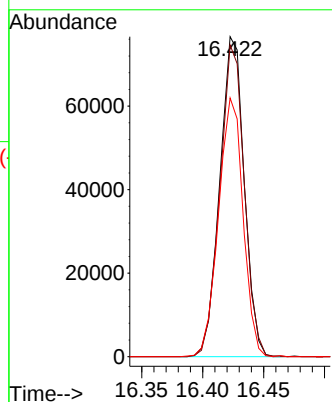
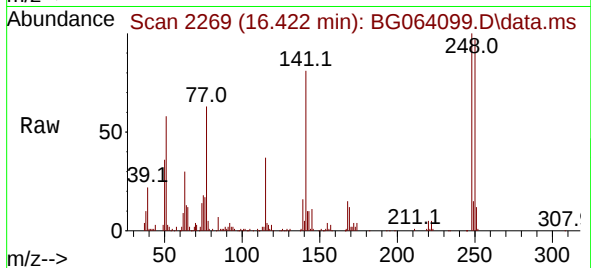




#67
4-Bromophenyl-phenylether
Concen: 45.834 ng
RT: 16.422 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

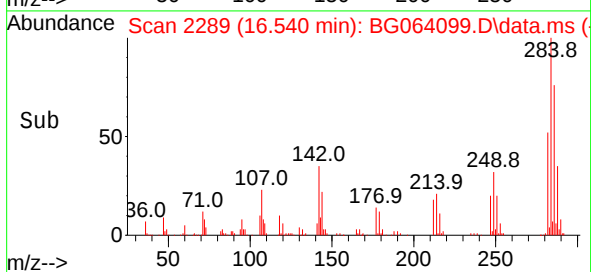
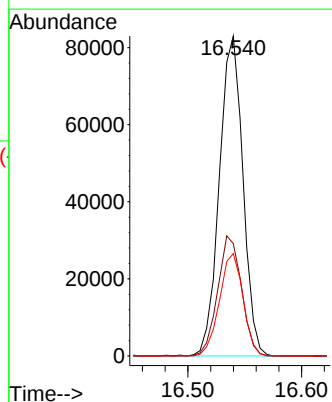
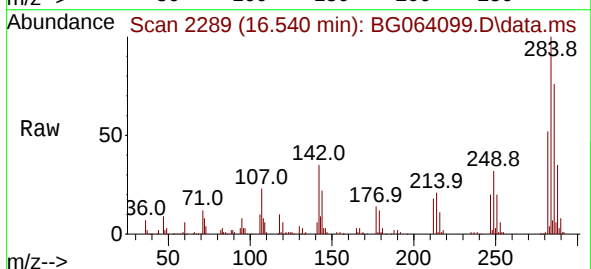
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD

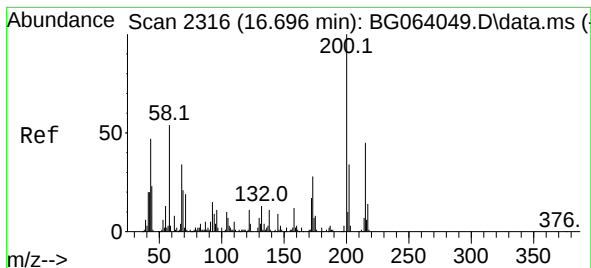
Tgt Ion:248 Resp: 106964
Ion Ratio Lower Upper
248 100
250 97.4 77.1 115.7
141 80.9 59.8 89.8



#68
Hexachlorobenzene
Concen: 45.713 ng
RT: 16.540 min Scan# 2289
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Tgt Ion:284 Resp: 119434
Ion Ratio Lower Upper
284 100
142 35.1 30.6 45.8
249 32.0 26.6 39.8





#69

Atrazine

Concen: 66.156 ng

RT: 16.699 min Scan# 2316

Delta R.T. 0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

Instrument :

BNA_G

ClientSampleId :

OR-363-COMP-18MSD

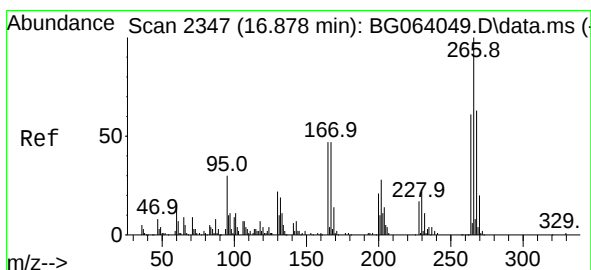
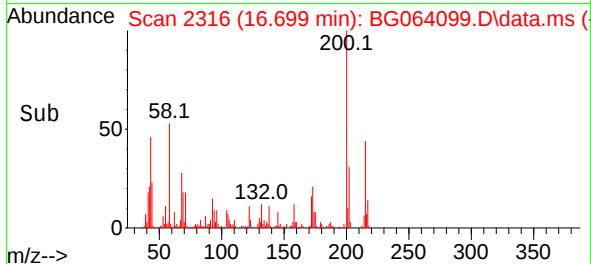
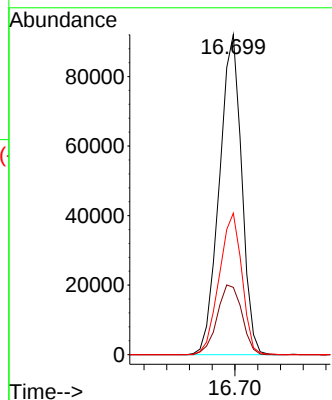
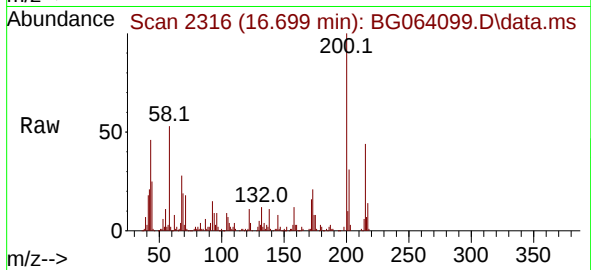
Tgt Ion:200 Resp: 125547

Ion Ratio Lower Upper

200 100

173 21.1 8.2 48.2

215 44.2 25.5 65.5



#70

Pentachlorophenol

Concen: 101.826 ng

RT: 16.881 min Scan# 2347

Delta R.T. 0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

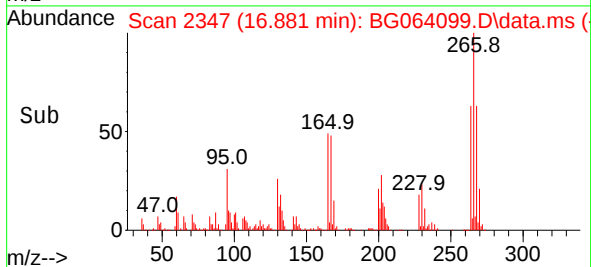
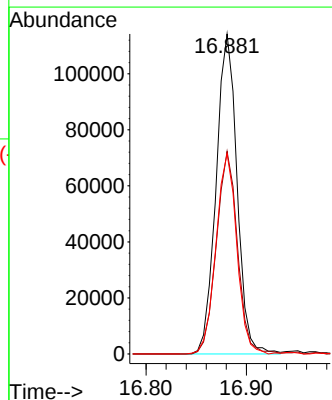
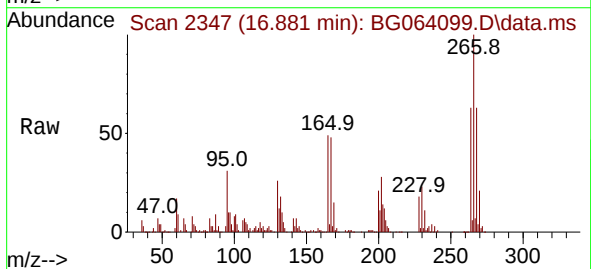
Tgt Ion:266 Resp: 165181

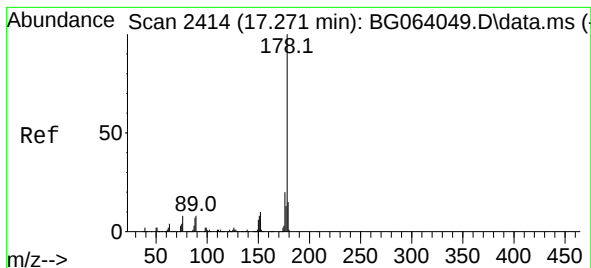
Ion Ratio Lower Upper

266 100

268 63.3 50.2 75.4

264 62.6 48.9 73.3





#71

Phenanthrene

Concen: 48.824 ng

RT: 17.269 min Scan# 2413

Delta R.T. -0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

Instrument :

BNA_G

ClientSampleId :

OR-363-COMP-18MSD

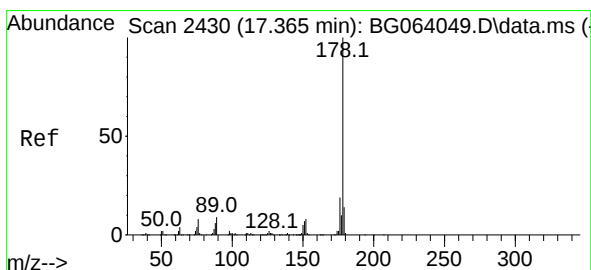
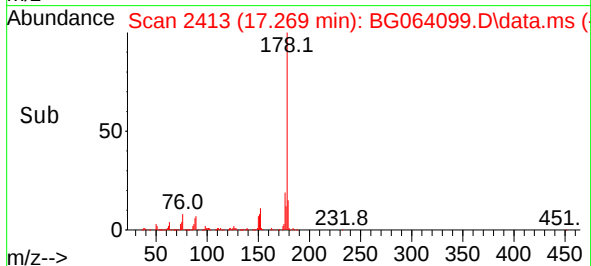
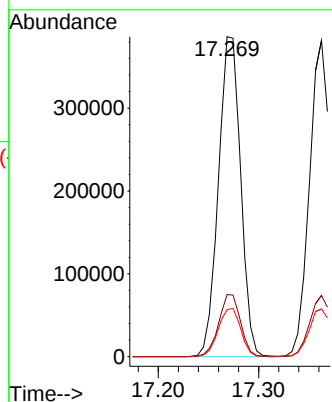
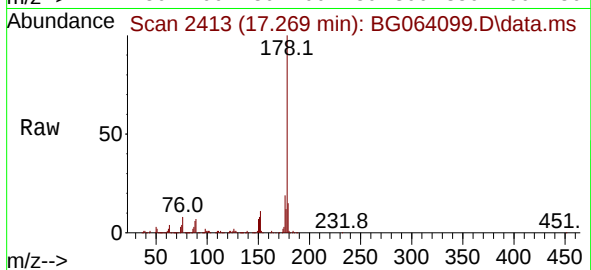
Tgt Ion:178 Resp: 593381

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

179 14.7 12.2 18.2



#72

Anthracene

Concen: 46.485 ng

RT: 17.363 min Scan# 2429

Delta R.T. -0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

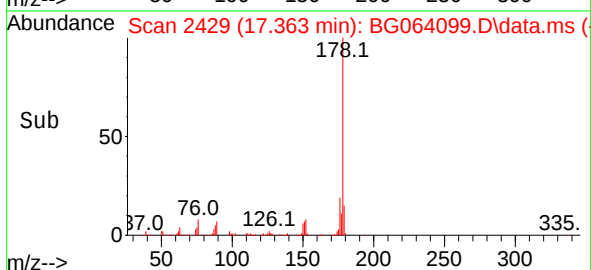
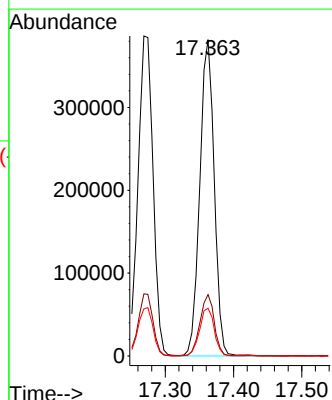
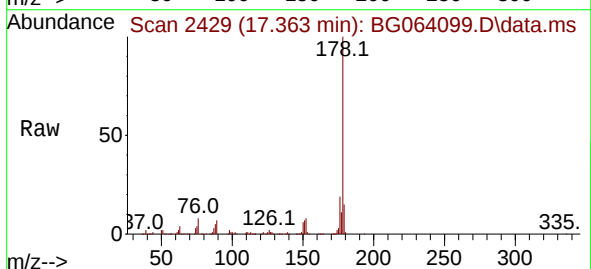
Tgt Ion:178 Resp: 561767

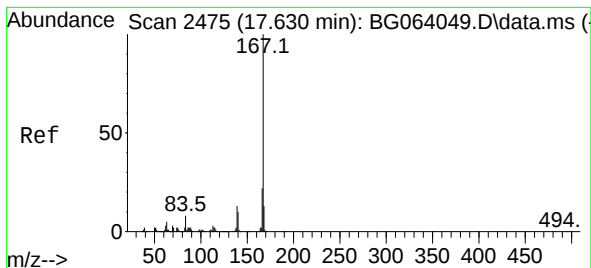
Ion Ratio Lower Upper

178 100

176 19.4 14.8 22.2

179 15.1 11.5 17.3





#73

Carbazole

Concen: 44.894 ng

RT: 17.627 min Scan# 2475

Delta R.T. -0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

Instrument :

BNA_G

ClientSampleId :

OR-363-COMP-18MSD

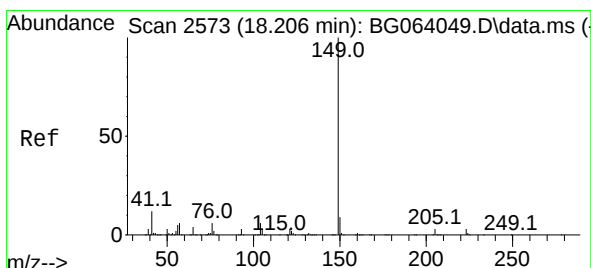
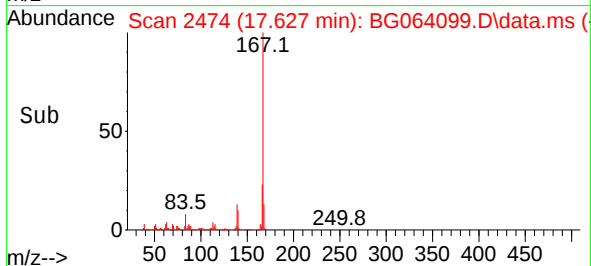
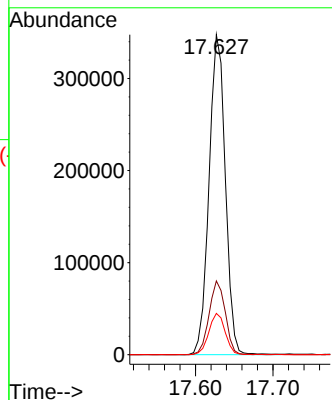
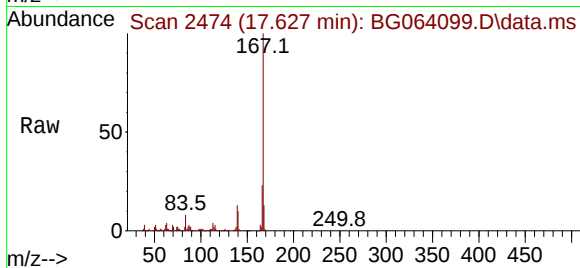
Tgt Ion:167 Resp: 506551

Ion Ratio Lower Upper

167 100

166 23.0 18.0 27.0

139 12.9 10.6 15.8



#74

Di-n-butylphthalate

Concen: 45.246 ng

RT: 18.203 min Scan# 2572

Delta R.T. -0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

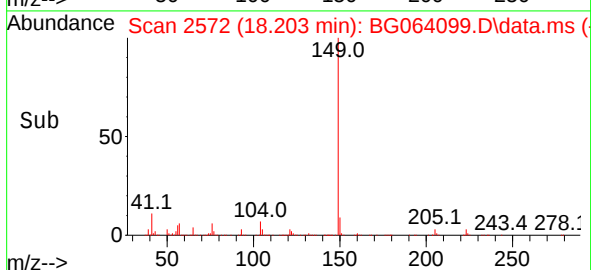
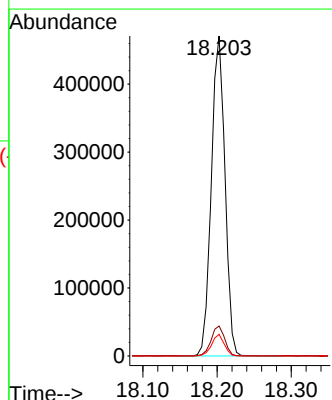
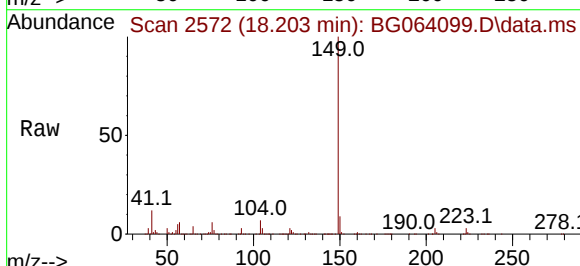
Tgt Ion:149 Resp: 600944

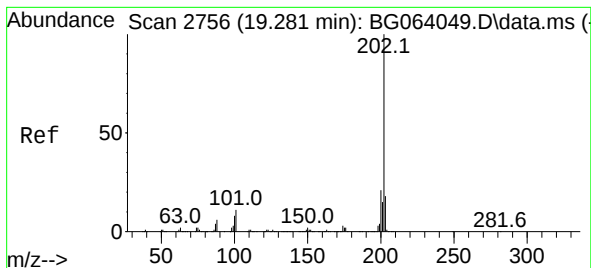
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 6.8 5.0 7.6





#75

Fluoranthene

Concen: 53.206 ng

RT: 19.284 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

Instrument :

BNA_G

ClientSampleId :

OR-363-COMP-18MSD

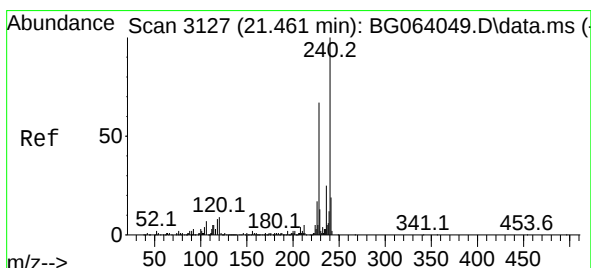
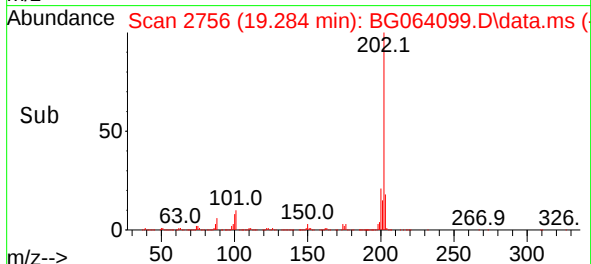
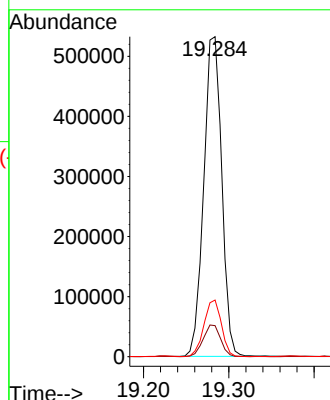
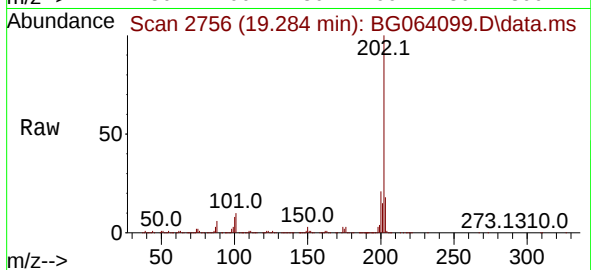
Tgt Ion:202 Resp: 779571

Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.5

203 17.7 0.0 38.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.464 min Scan# 3127

Delta R.T. 0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

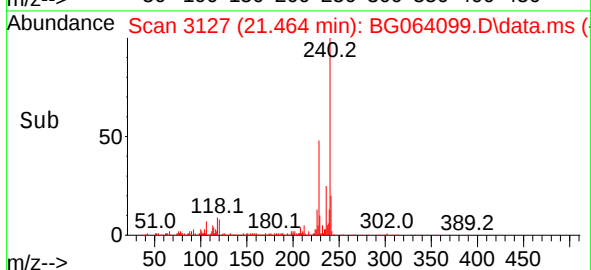
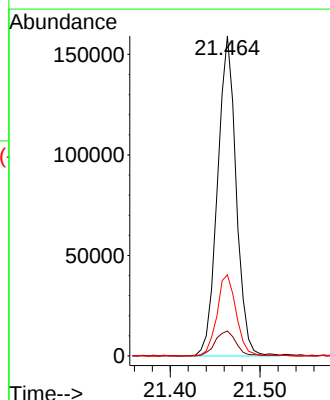
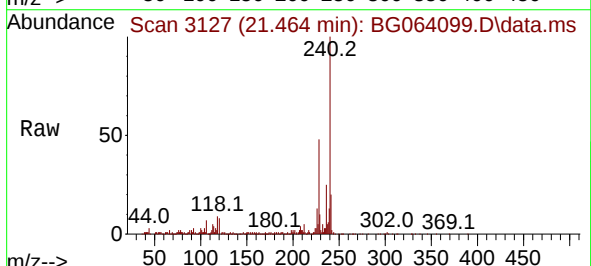
Tgt Ion:240 Resp: 229044

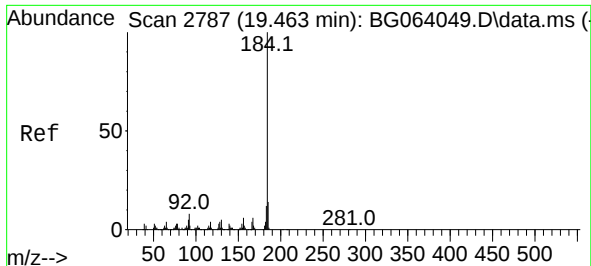
Ion Ratio Lower Upper

240 100

120 7.8 7.2 10.8

236 25.4 20.2 30.2

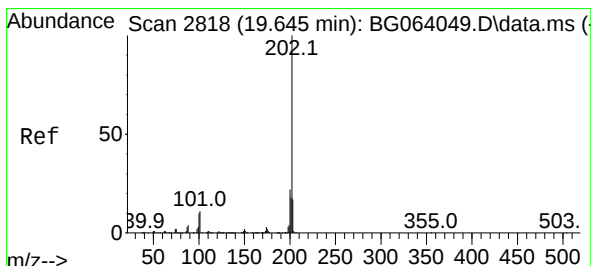
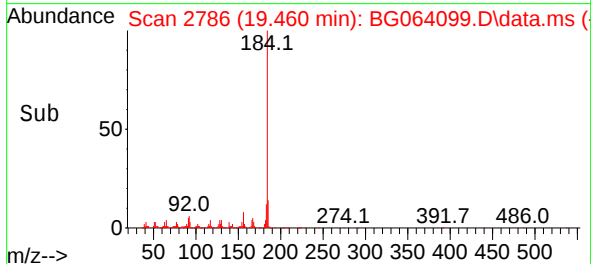
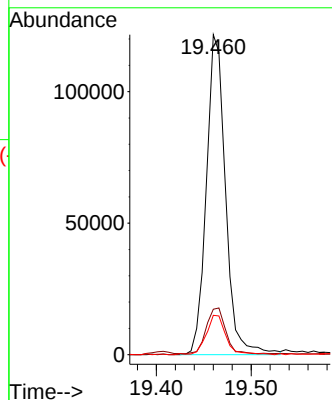
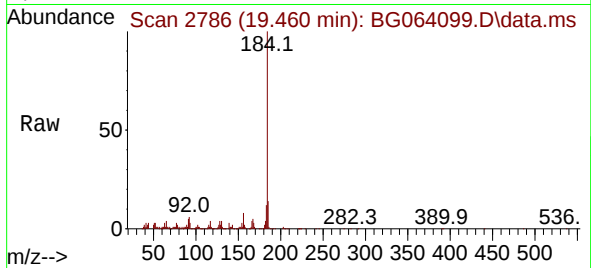




#77
Benzidine
Concen: 53.944 ng
RT: 19.460 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

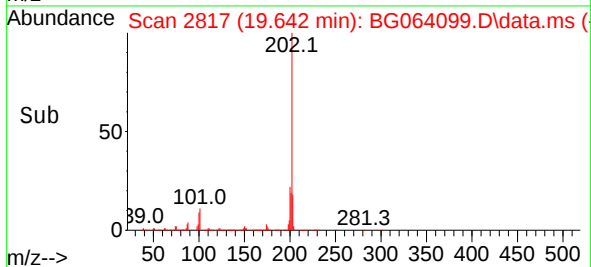
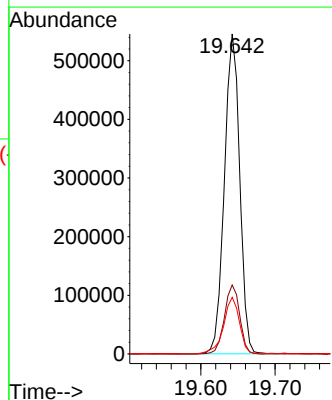
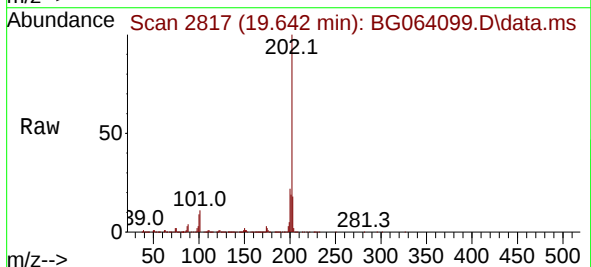
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD

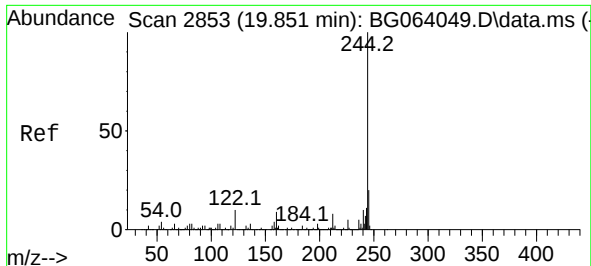
Tgt Ion:184 Resp: 171089
Ion Ratio Lower Upper
184 100
185 14.2 11.3 16.9
183 12.3 9.5 14.3



#78
Pyrene
Concen: 53.005 ng
RT: 19.642 min Scan# 2817
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Tgt Ion:202 Resp: 782598
Ion Ratio Lower Upper
202 100
200 21.6 17.3 25.9
203 17.7 13.6 20.4

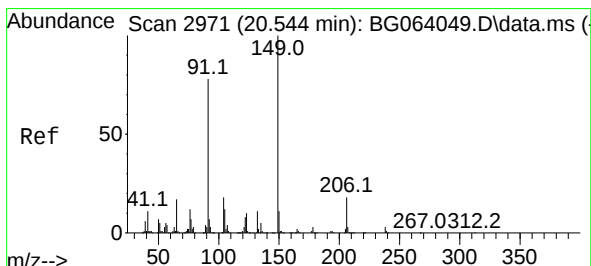
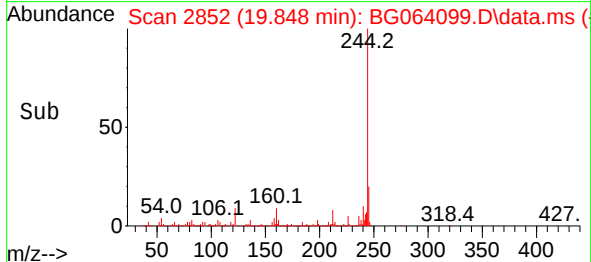
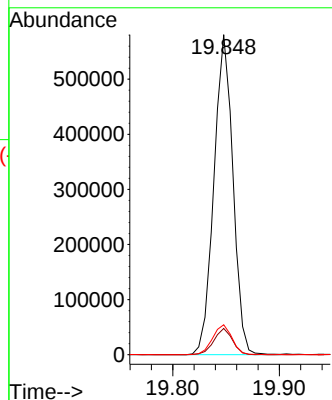
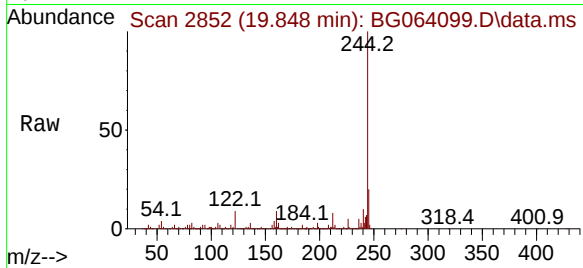




#79
 Terphenyl-d14
 Concen: 63.382 ng
 RT: 19.848 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG064099.D
 Acq: 11 Mar 2025 17:18

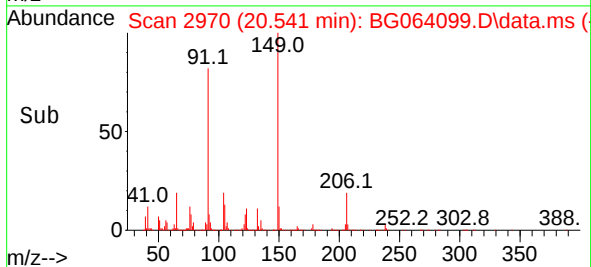
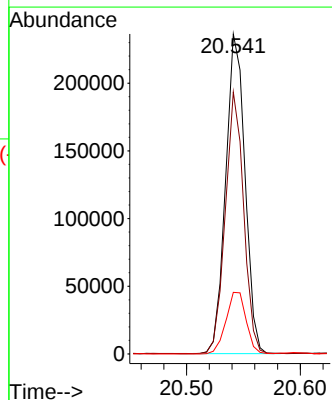
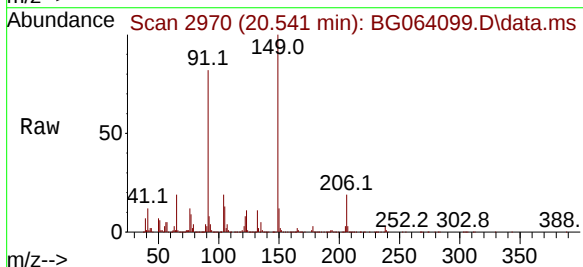
Instrument :
 BNA_G
 ClientSampleId :
 OR-363-COMP-18MSD

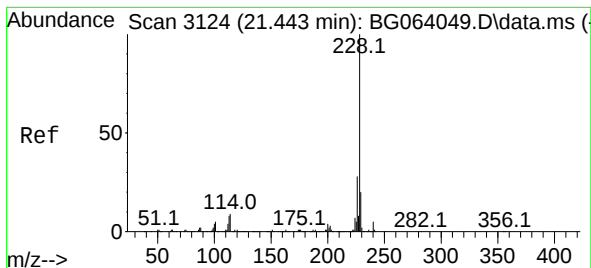
Tgt Ion:244 Resp: 717970
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.4
 122 9.3 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 50.232 ng
 RT: 20.541 min Scan# 2970
 Delta R.T. -0.003 min
 Lab File: BG064099.D
 Acq: 11 Mar 2025 17:18

Tgt Ion:149 Resp: 279315
 Ion Ratio Lower Upper
 149 100
 91 81.8 62.0 93.0
 206 19.2 14.6 21.8





#81

Benzo(a)anthracene

Concen: 50.864 ng

RT: 21.446 min Scan# 3110

Delta R.T. 0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

Instrument :

BNA_G

ClientSampleId :

OR-363-COMP-18MSD

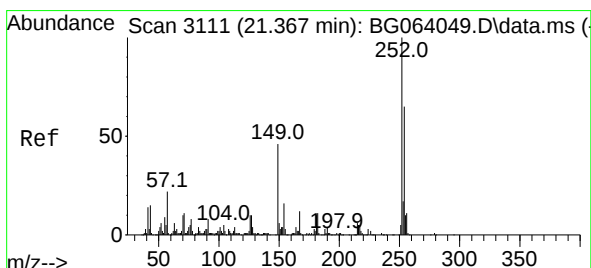
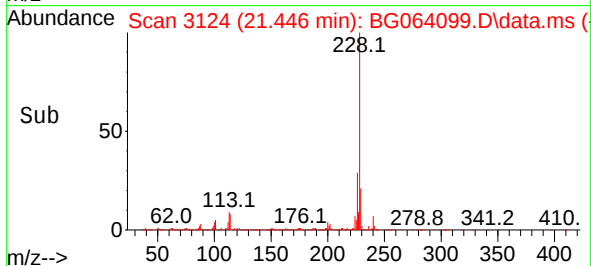
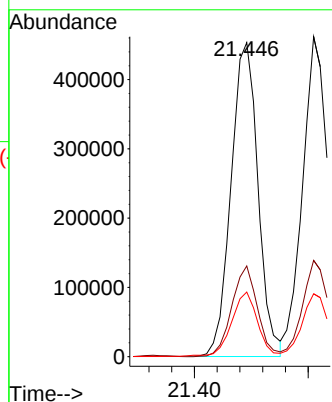
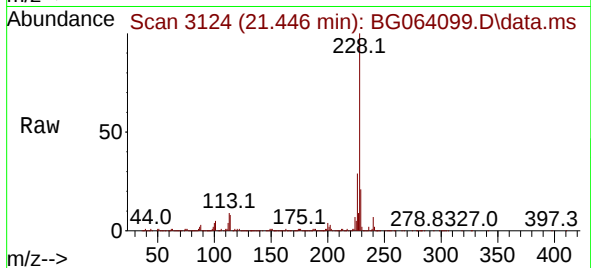
Tgt Ion:228 Resp: 746275

Ion Ratio Lower Upper

228 100

226 28.9 22.2 33.2

229 20.6 16.4 24.6



#82

3,3'-Dichlorobenzidine

Concen: 25.814 ng

RT: 21.364 min Scan# 3110

Delta R.T. -0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

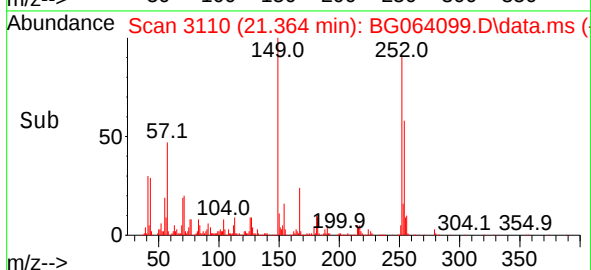
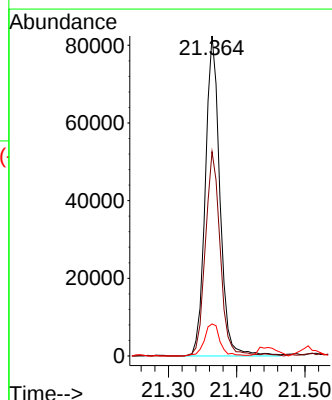
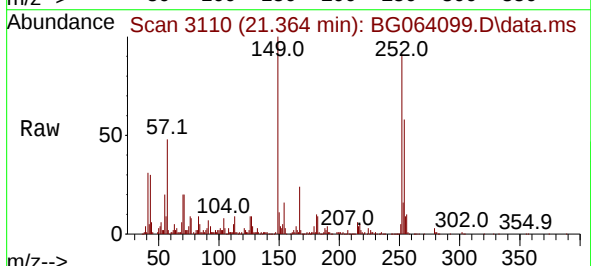
Tgt Ion:252 Resp: 122574

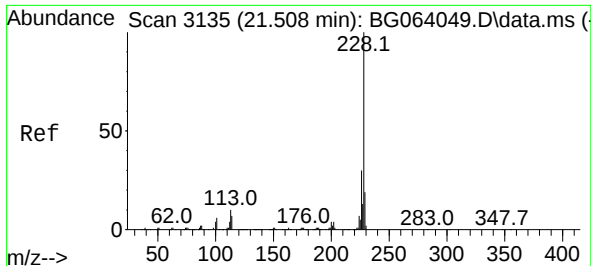
Ion Ratio Lower Upper

252 100

254 63.9 52.1 78.1

126 10.0 7.8 11.8

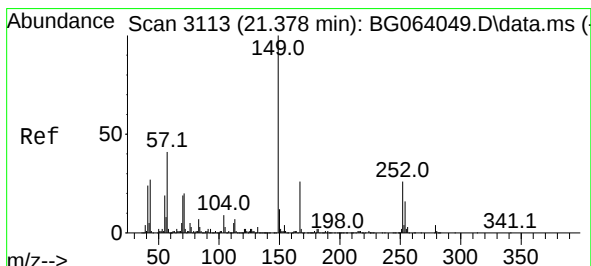
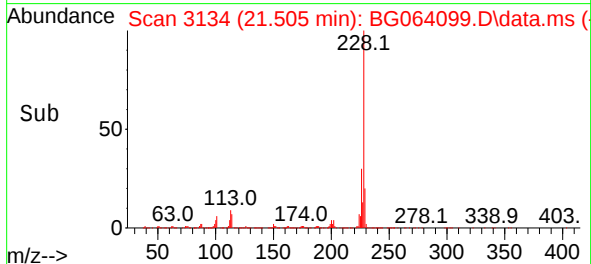
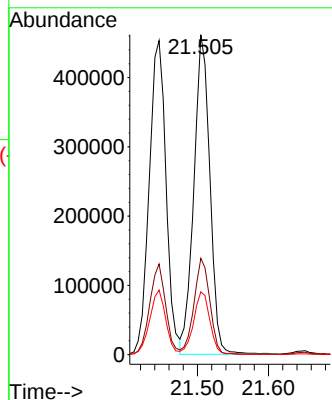
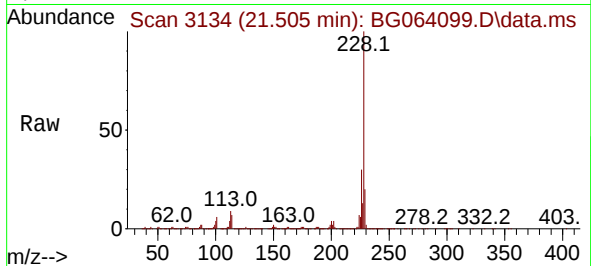




#83
Chrysene
Concen: 49.422 ng
RT: 21.505 min Scan# 3135
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

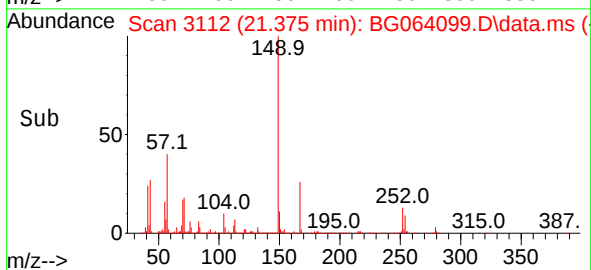
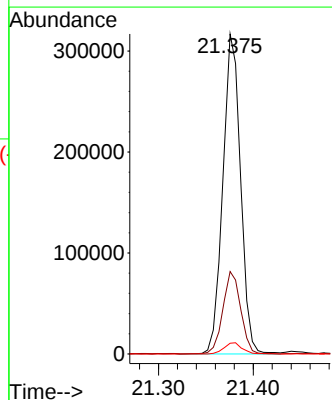
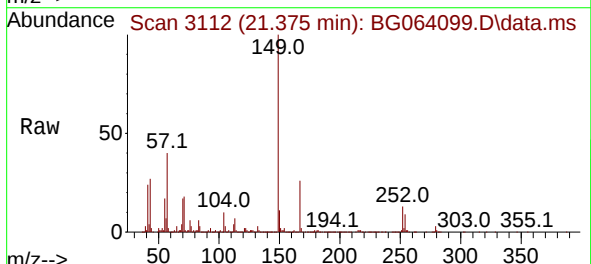
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD

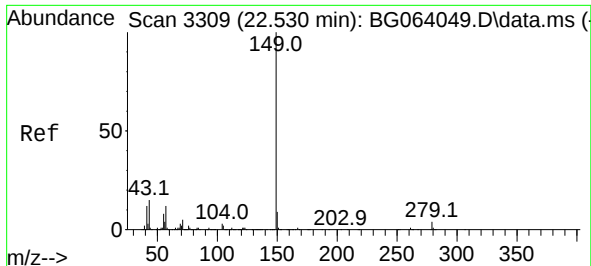
Tgt Ion:228 Resp: 723205
Ion Ratio Lower Upper
228 100
226 30.1 23.9 35.9
229 19.6 15.3 22.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.911 ng
RT: 21.375 min Scan# 3112
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Tgt Ion:149 Resp: 411903
Ion Ratio Lower Upper
149 100
167 25.7 21.0 31.6
279 3.4 2.8 4.2

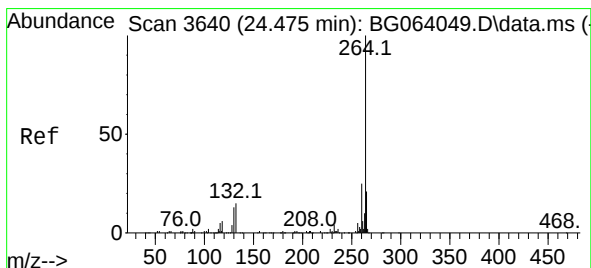
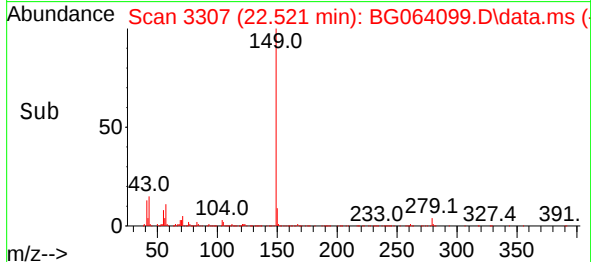
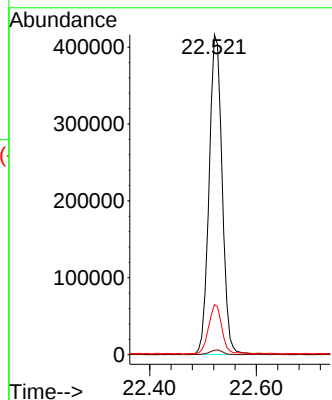
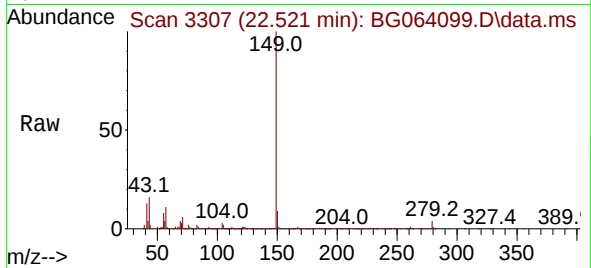




#85
Di-n-octyl phthalate
Concen: 51.776 ng
RT: 22.521 min Scan# 3307
Delta R.T. -0.009 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

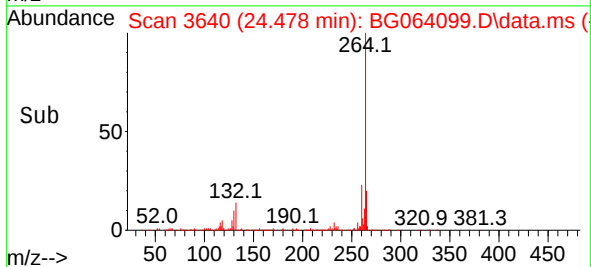
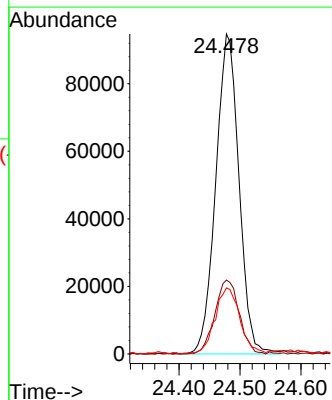
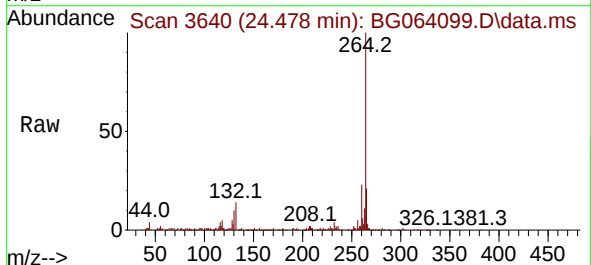
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD

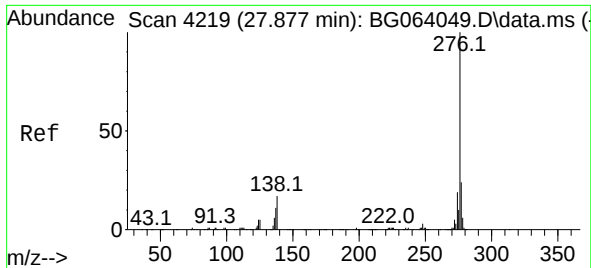
Tgt Ion:149 Resp: 708631
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 15.9 12.6 19.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.478 min Scan# 3640
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Tgt Ion:264 Resp: 250751
Ion Ratio Lower Upper
264 100
260 23.1 19.6 29.4
265 20.6 16.6 25.0

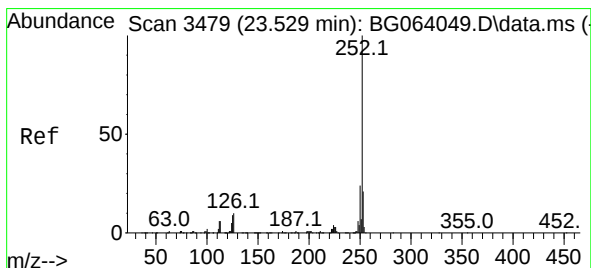
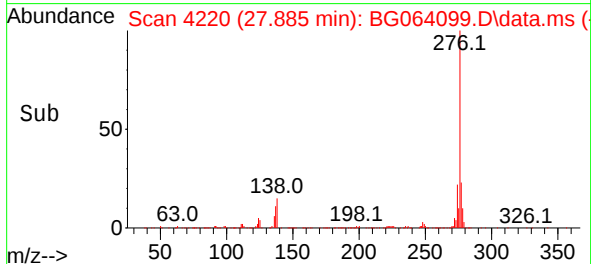
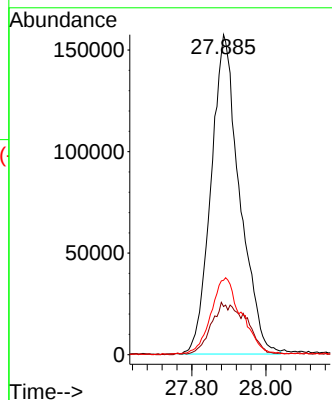
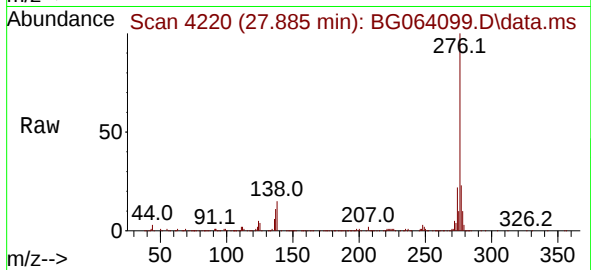




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.151 ng
 RT: 27.885 min Scan# 41
 Delta R.T. 0.009 min
 Lab File: BG064099.D
 Acq: 11 Mar 2025 17:18

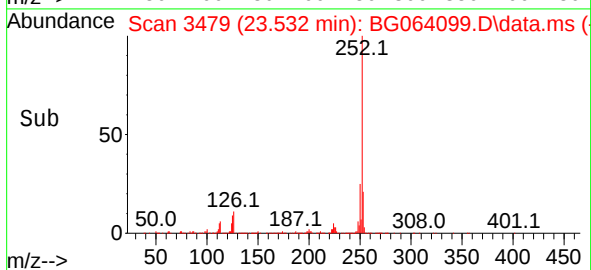
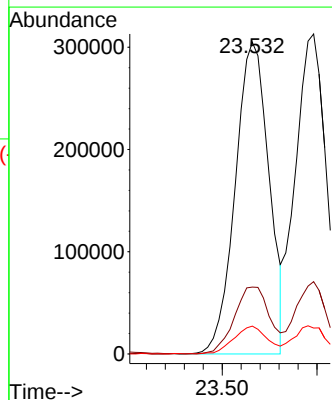
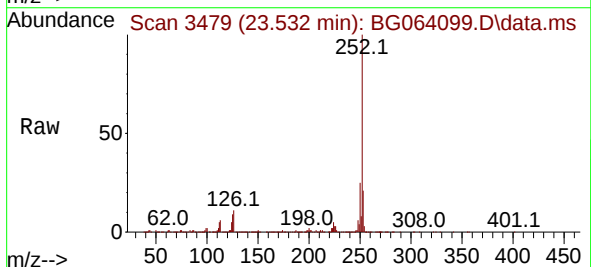
Instrument :
 BNA_G
 ClientSampleId :
 OR-363-COMP-18MSD

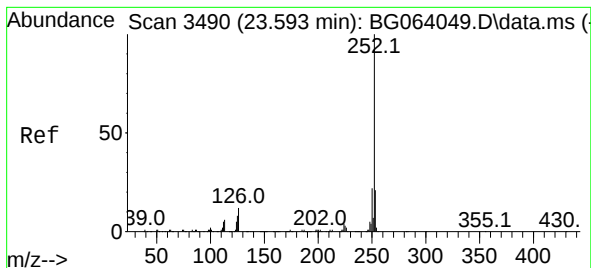
Tgt Ion:276 Resp: 841394
 Ion Ratio Lower Upper
 276 100
 138 9.4 12.1 18.1#
 277 25.2 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 49.703 ng
 RT: 23.532 min Scan# 3479
 Delta R.T. 0.003 min
 Lab File: BG064099.D
 Acq: 11 Mar 2025 17:18

Tgt Ion:252 Resp: 753441
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.0 25.4
 125 8.9 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 47.515 ng

RT: 23.596 min Scan# 3490

Delta R.T. 0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

Instrument :

BNA_G

ClientSampleId :

OR-363-COMP-18MSD

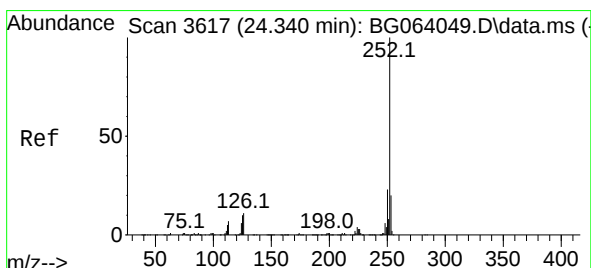
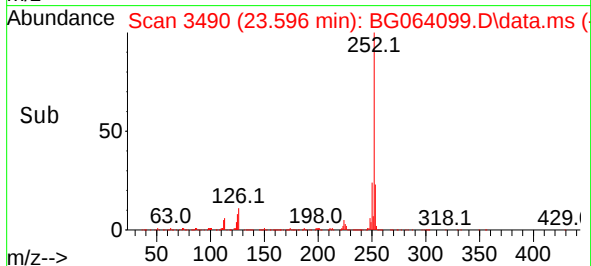
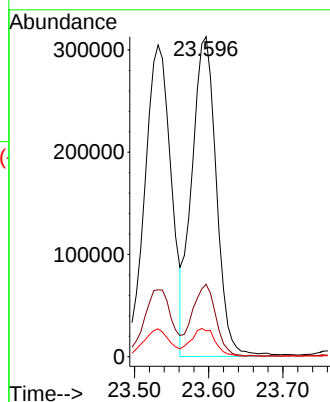
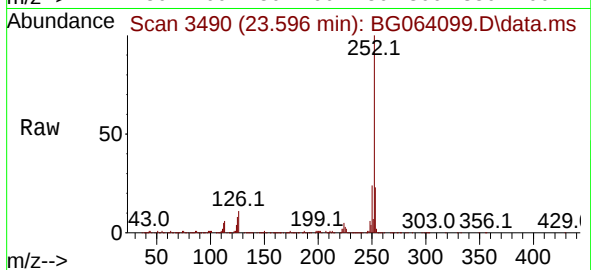
Tgt Ion:252 Resp: 722579

Ion Ratio Lower Upper

252 100

253 22.6 16.8 25.2

125 8.1 6.9 10.3



#90

Benzo(a)pyrene

Concen: 52.234 ng

RT: 24.343 min Scan# 3617

Delta R.T. 0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

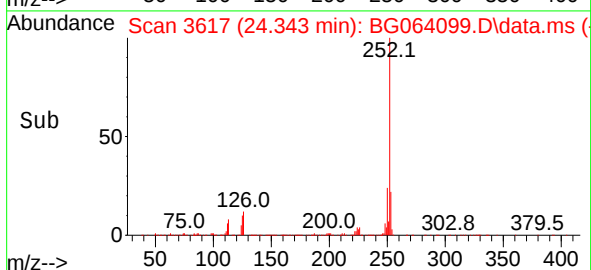
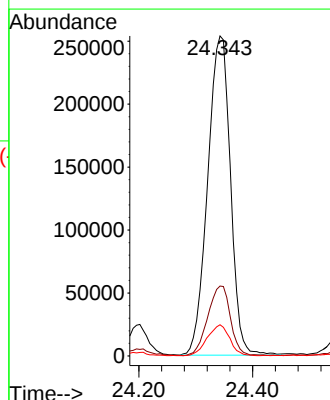
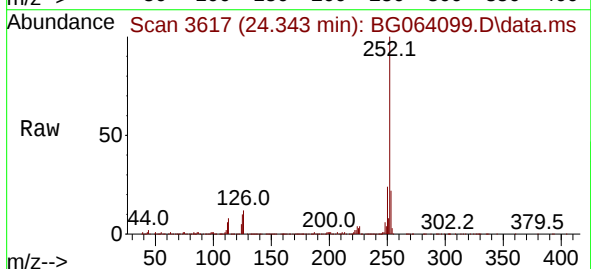
Tgt Ion:252 Resp: 705169

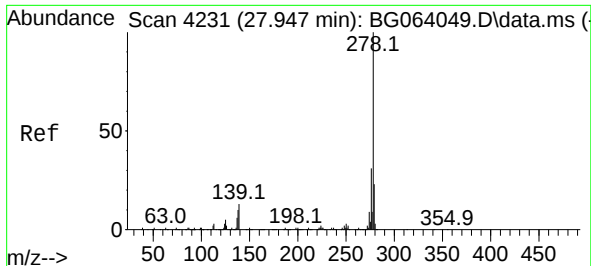
Ion Ratio Lower Upper

252 100

253 21.8 16.2 24.2

125 9.8 7.8 11.6

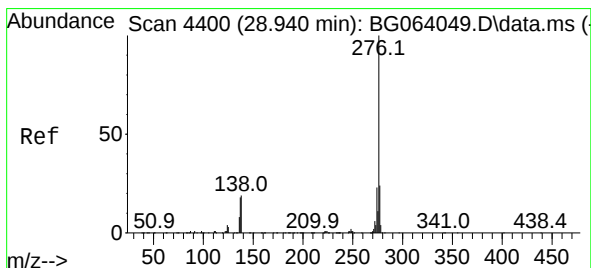
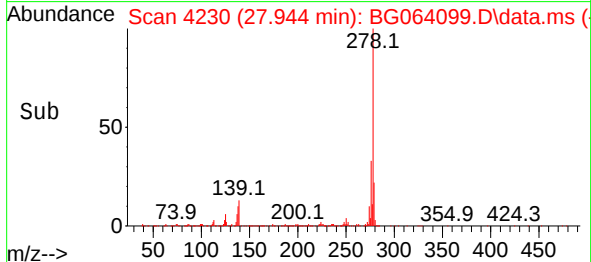
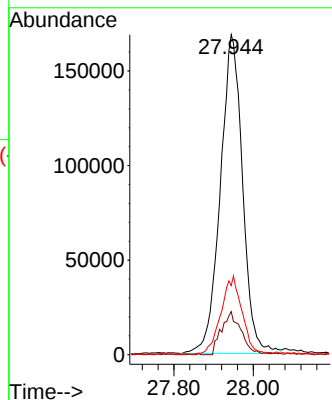
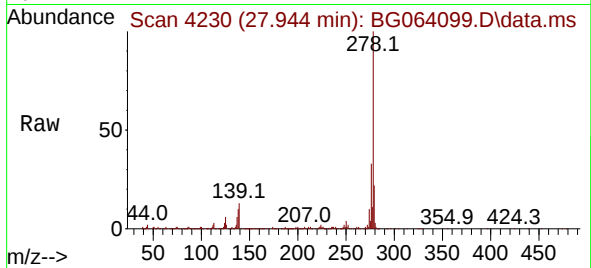




#91
Dibenzo(a,h)anthracene
Concen: 47.066 ng
RT: 27.944 min Scan# 41
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD

Tgt Ion:278 Resp: 654641
Ion Ratio Lower Upper
278 100
139 13.5 10.2 15.2
279 21.6 18.1 27.1



#92
Benzo(g,h,i)perylene
Concen: 47.348 ng
RT: 28.949 min Scan# 4401
Delta R.T. 0.009 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Tgt Ion:276 Resp: 676156
Ion Ratio Lower Upper
276 100
277 23.2 19.5 29.3
138 17.0 15.4 23.0

