

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
 Data File : BG064091.D
 Acq On : 11 Mar 2025 11:54
 Operator : RC/JU
 Sample : Q1524-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-241MS

Quant Time: Mar 11 12:32:25 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	7.864	152	37979	20.000	ng	# 0.00
21) Naphthalene-d8	10.655	136	164795	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	112370	20.000	ng	0.00
64) Phenanthrene-d10	17.230	188	238184	20.000	ng	0.00
76) Chrysene-d12	21.460	240	235742	20.000	ng	0.00
86) Perylene-d12	24.474	264	260668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.455	112	283585	116.591	ng	0.00
7) Phenol-d6	7.036	99	372996	112.726	ng	0.00
23) Nitrobenzene-d5	9.016	82	248511	83.335	ng	0.00
42) 2,4,6-Tribromophenol	15.972	330	156329	125.156	ng	0.00
45) 2-Fluorobiphenyl	13.111	172	506244	68.383	ng	0.00
79) Terphenyl-d14	19.850	244	863576	74.070	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	39639	35.959	ng	91
3) Pyridine	3.757	79	97755	36.464	ng	98
4) n-Nitrosodimethylamine	3.675	42	80909	42.241	ng	# 95
6) Aniline	7.194	93	78395	24.145	ng	93
8) 2-Chlorophenol	7.429	128	123654	47.335	ng	95
9) Benzaldehyde	7.000	77	41387	21.506	ng	92
10) Phenol	7.059	94	162513	47.971	ng	96
11) bis(2-Chloroethyl)ether	7.288	93	115208	43.377	ng	97
12) 1,3-Dichlorobenzene	7.752	146	127642	44.495	ng	94
13) 1,4-Dichlorobenzene	7.899	146	128794	43.802	ng	99
14) 1,2-Dichlorobenzene	8.217	146	126725	44.695	ng	98
15) Benzyl Alcohol	8.099	79	122966	48.091	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.387	45	260916	43.689	ng	98
17) 2-Methylphenol	8.305	107	107250	47.700	ng	96
18) Hexachloroethane	8.945	117	50163	48.761	ng	98
19) n-Nitroso-di-n-propyla...	8.669	70	97338	41.917	ng	97
20) 3+4-Methylphenols	8.628	107	143840	46.469	ng	91
22) Acetophenone	8.681	105	215036	47.592	ng	# 97
24) Nitrobenzene	9.057	77	146864	47.655	ng	99
25) Isophorone	9.580	82	268028	44.905	ng	98
26) 2-Nitrophenol	9.762	139	58166	53.227	ng	97
27) 2,4-Dimethylphenol	9.832	122	110494	61.751	ng	99
28) bis(2-Chloroethoxy)met...	10.061	93	157229	43.449	ng	99
29) 2,4-Dichlorophenol	10.297	162	113550	50.256	ng	98
30) 1,2,4-Trichlorobenzene	10.514	180	121187	44.431	ng	98
31) Naphthalene	10.702	128	390542	43.949	ng	98
32) Benzoic acid	9.973	122	84111	50.612	ng	95
33) 4-Chloroaniline	10.808	127	33066	10.181	ng	98
34) Hexachlorobutadiene	10.996	225	84315	47.162	ng	97
35) Caprolactam	11.566	113	21743	25.112	ng	98
36) 4-Chloro-3-methylphenol	11.930	107	140733	47.518	ng	98
37) 2-Methylnaphthalene	12.312	142	266743	42.520	ng	97
38) 1-Methylnaphthalene	12.529	142	265282	43.163	ng	95
40) 1,2,4,5-Tetrachloroben...	12.682	216	159778	49.805	ng	98
41) Hexachlorocyclopentadiene	12.664	237	190782	211.294	ng	99
43) 2,4,6-Trichlorophenol	12.917	196	93753	49.585	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
 Data File : BG064091.D
 Acq On : 11 Mar 2025 11:54
 Operator : RC/JU
 Sample : Q1524-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-241MS

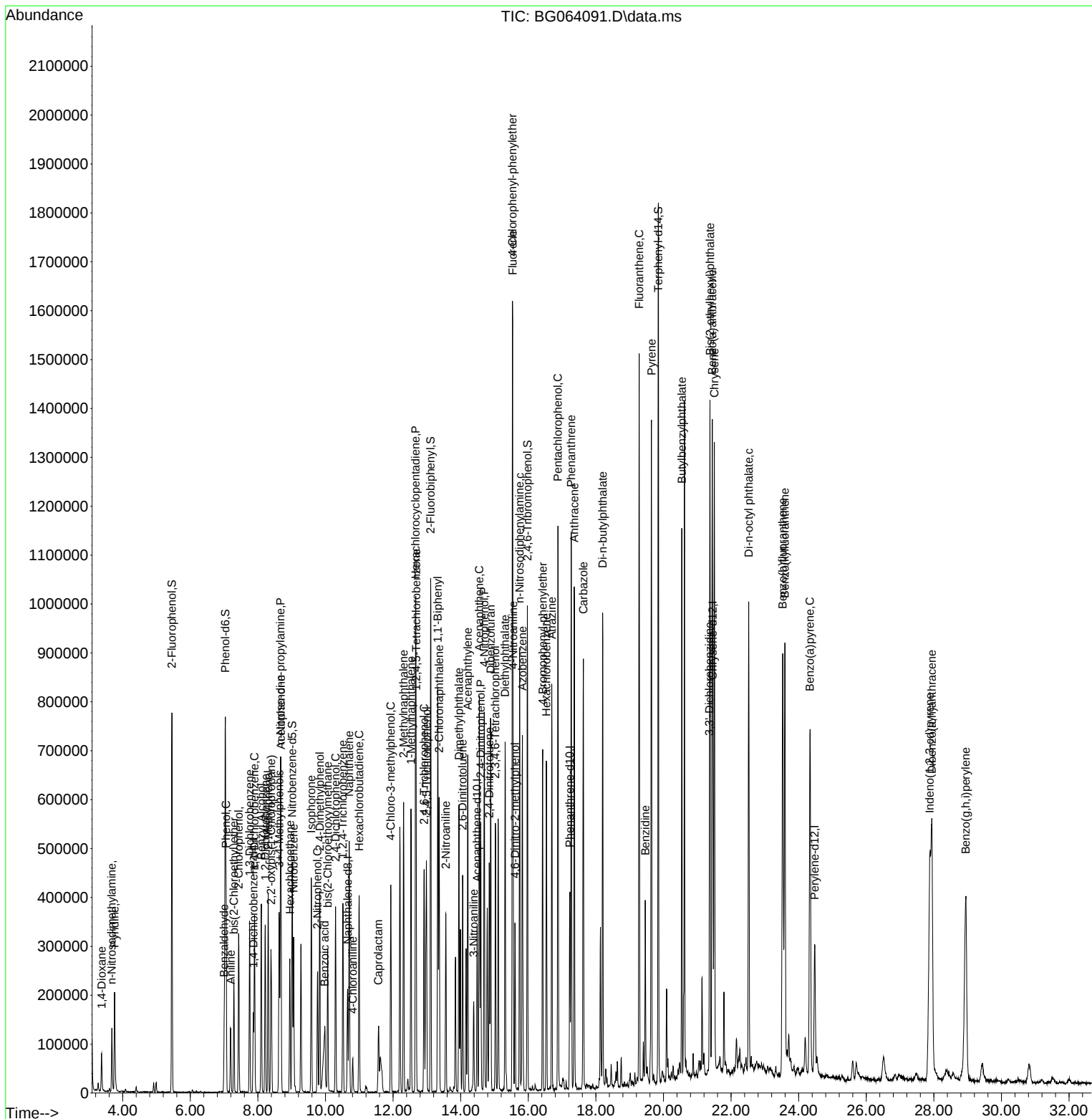
Quant Time: Mar 11 12:32:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

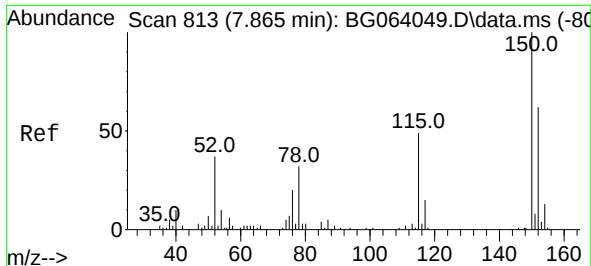
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.987	196	107021	50.941	ng	97
46) 1,1'-Biphenyl	13.322	154	417546	49.183	ng	99
47) 2-Chloronaphthalene	13.364	162	276497	44.656	ng	98
48) 2-Nitroaniline	13.557	65	100198	48.612	ng	95
49) Acenaphthylene	14.210	152	455574	46.517	ng	99
50) Dimethylphthalate	13.951	163	348262	41.985	ng	100
51) 2,6-Dinitrotoluene	14.057	165	75218	44.929	ng	95
52) Acenaphthene	14.550	154	284311	43.257	ng	98
53) 3-Nitroaniline	14.386	138	37345	23.295	ng	# 99
54) 2,4-Dinitrophenol	14.591	184	90449	124.095	ng	# 81
55) Dibenzofuran	14.885	168	448409	42.114	ng	98
56) 4-Nitrophenol	14.697	139	147946	110.035	ng	# 83
57) 2,4-Dinitrotoluene	14.844	165	111043	47.837	ng	# 95
58) Fluorene	15.537	166	360603	43.483	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.026	232	104337	50.943	ng	97
60) Diethylphthalate	15.314	149	381664	42.384	ng	99
61) 4-Chlorophenyl-phenyle...	15.532	204	172383	41.830	ng	# 85
62) 4-Nitroaniline	15.549	138	79784	46.096	ng	92
63) Azobenzene	15.825	77	419093	43.614	ng	98
65) 4,6-Dinitro-2-methylph...	15.608	198	61184	57.508	ng	93
66) n-Nitrosodiphenylamine	15.743	169	317353	47.070	ng	99
67) 4-Bromophenyl-phenylether	16.425	248	117875	48.320	ng	99
68) Hexachlorobenzene	16.536	284	128338	46.992	ng	97
69) Atrazine	16.695	200	142465	71.817	ng	95
70) Pentachlorophenol	16.877	266	186136	109.770	ng	98
71) Phenanthrene	17.271	178	684606	53.888	ng	99
72) Anthracene	17.359	178	617998	48.921	ng	97
73) Carbazole	17.629	167	563342	47.763	ng	99
74) Di-n-butylphthalate	18.199	149	666674	48.020	ng	99
75) Fluoranthene	19.280	202	881117	57.530	ng	98
77) Benzidine	19.462	184	188076	57.615	ng	99
78) Pyrene	19.644	202	875616	57.620	ng	100
80) Butylbenzylphthalate	20.543	149	295368	51.510	ng	96
81) Benzo(a)anthracene	21.442	228	780343	51.675	ng	99
82) 3,3'-Dichlorobenzidine	21.360	252	119108	24.371	ng	97
83) Chrysene	21.507	228	778326	51.677	ng	98
84) Bis(2-ethylhexyl)phtha...	21.378	149	450595	55.174	ng	100
85) Di-n-octyl phthalate	22.523	149	765208	54.322	ng	99
87) Indeno(1,2,3-cd)pyrene	27.876	276	922445	52.890	ng	# 95
88) Benzo(b)fluoranthene	23.528	252	833473	52.891	ng	99
89) Benzo(k)fluoranthene	23.593	252	800743	50.652	ng	98
90) Benzo(a)pyrene	24.333	252	748958	53.366	ng	98
91) Dibenzo(a,h)anthracene	27.941	278	708354	48.991	ng	99
92) Benzo(g,h,i)perylene	28.945	276	723226	48.718	ng	97

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

Instrument :
BNA_G
ClientSampleId :
VNJ-241MS

Quant Time: Mar 11 12:32:25 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

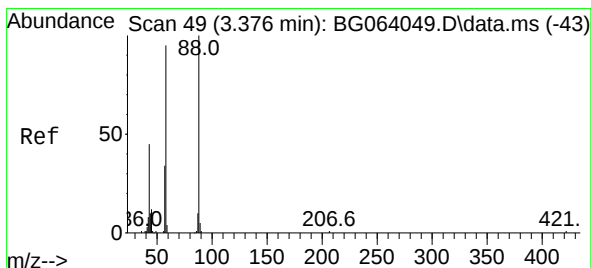
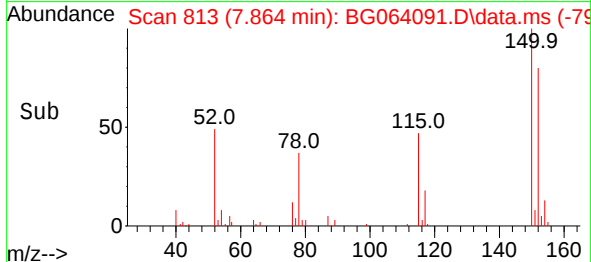
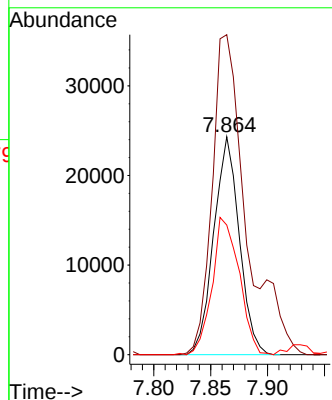
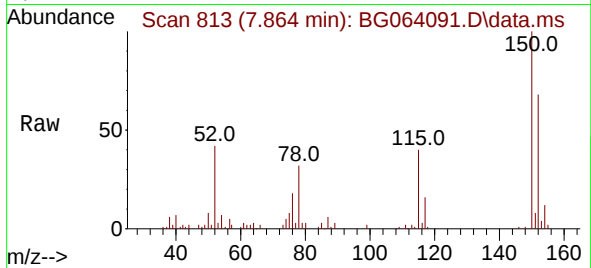




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.864 min Scan# 813
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

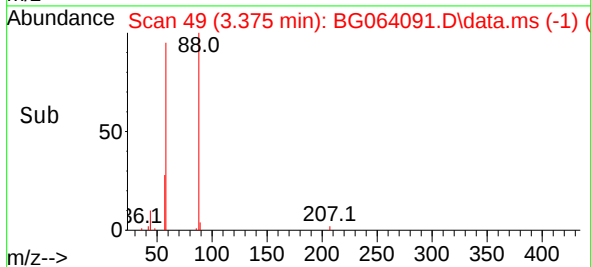
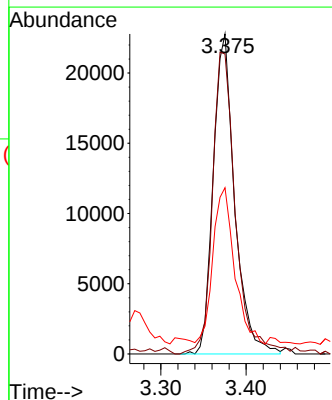
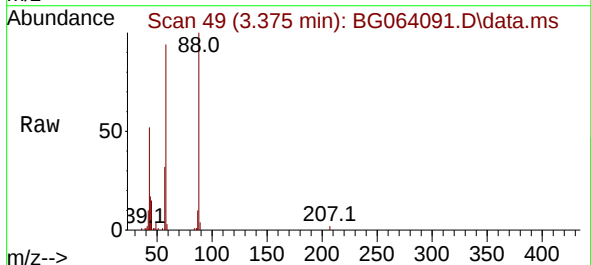
Instrument :
BNA_G
ClientSampleId :
VNJ-241MS

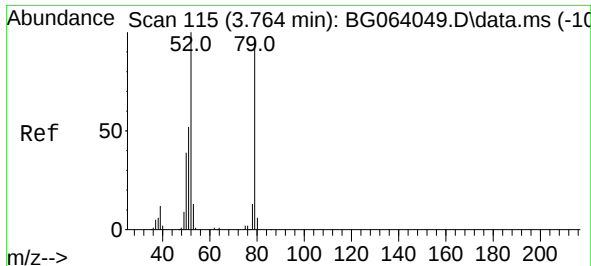
Tgt Ion:152 Resp: 37979
Ion Ratio Lower Upper
152 100
150 146.8 129.2 193.8
115 59.5 63.0 94.6#



#2
1,4-Dioxane
Concen: 35.959 ng
RT: 3.375 min Scan# 49
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

Tgt Ion: 88 Resp: 39639
Ion Ratio Lower Upper
88 100
58 102.5 74.6 111.8
43 49.5 35.5 53.3





#3

Pyridine

Concen: 36.464 ng

RT: 3.757 min Scan# 115

Delta R.T. -0.007 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

Instrument :

BNA_G

ClientSampleId :

VNJ-241MS

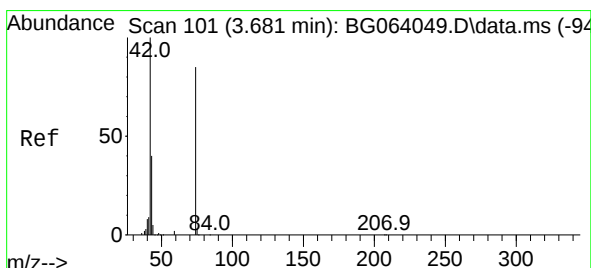
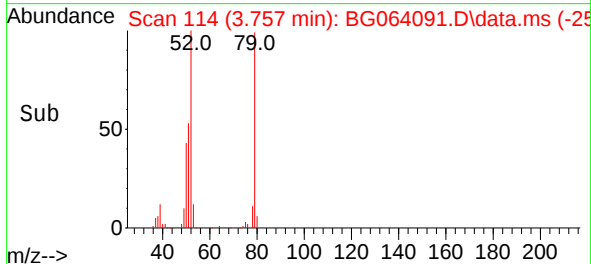
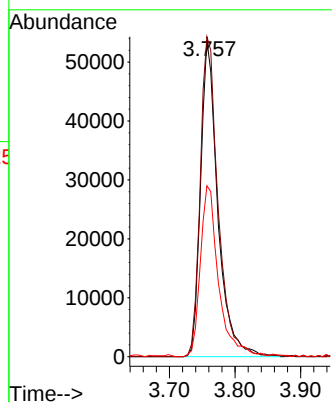
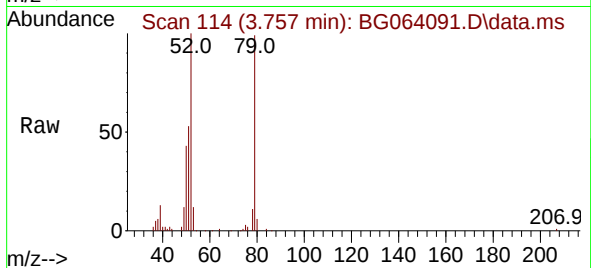
Tgt Ion: 79 Resp: 97755

Ion Ratio Lower Upper

79 100

52 101.0 83.0 124.6

51 53.9 44.3 66.5



#4

n-Nitrosodimethylamine

Concen: 42.241 ng

RT: 3.675 min Scan# 100

Delta R.T. -0.007 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

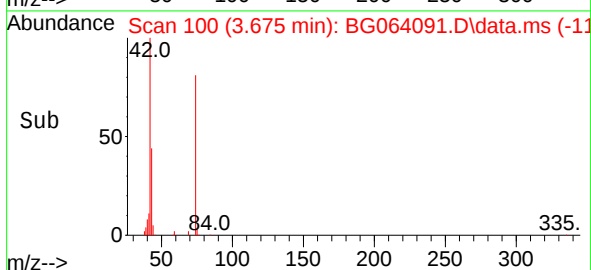
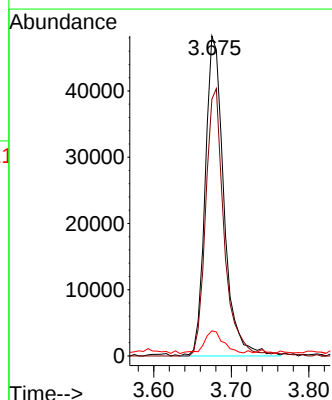
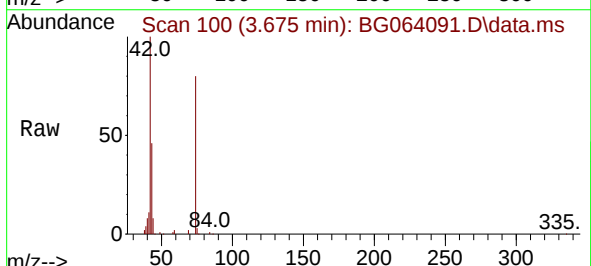
Tgt Ion: 42 Resp: 80909

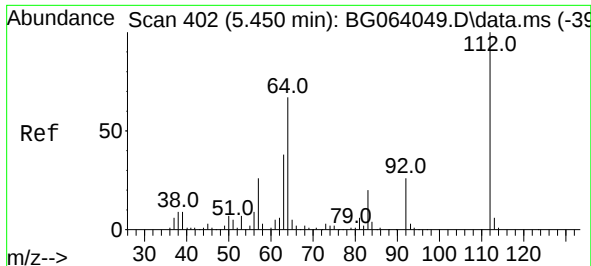
Ion Ratio Lower Upper

42 100

74 80.3 68.0 102.0

44 7.8 4.9 7.3#

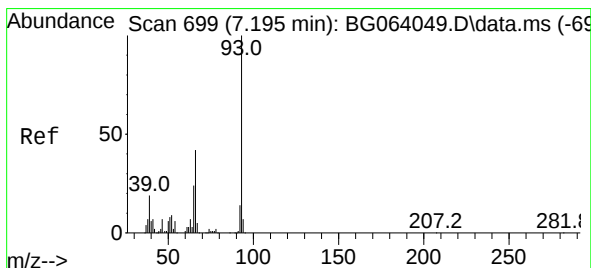
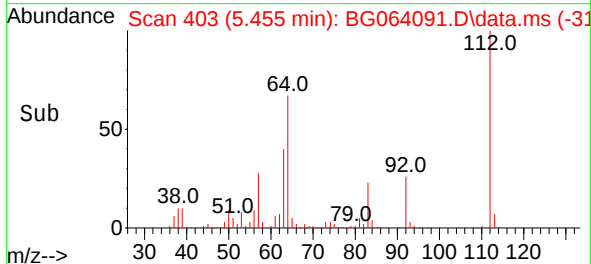
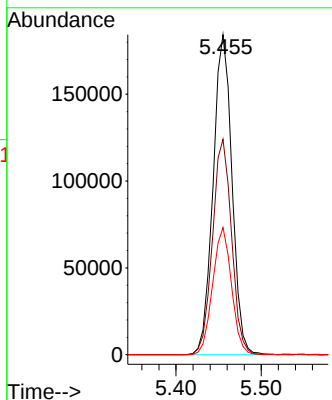
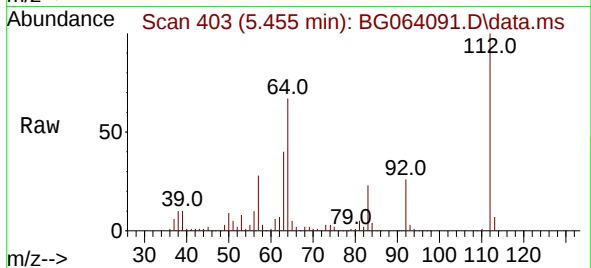




#5
2-Fluorophenol
Concen: 116.591 ng
RT: 5.455 min Scan# 402
Delta R.T. 0.005 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

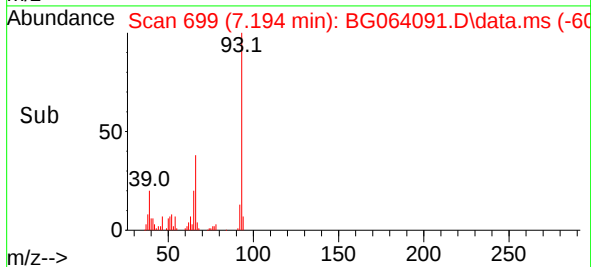
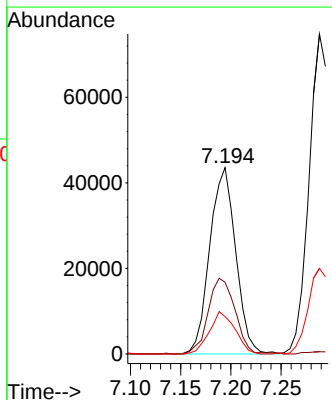
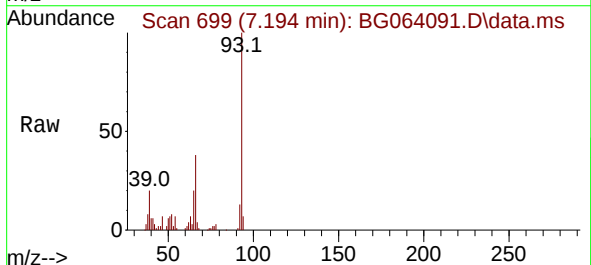
Instrument :
BNA_G
ClientSampleId :
VNJ-241MS

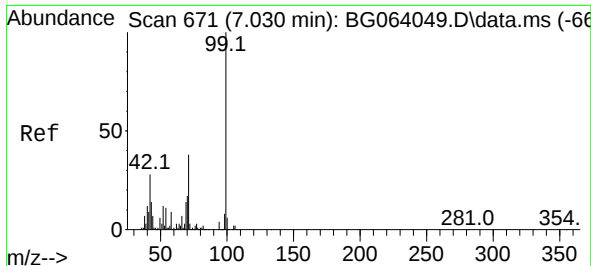
Tgt Ion:112 Resp: 283585
Ion Ratio Lower Upper
112 100
64 67.3 53.7 80.5
63 39.8 30.2 45.4



#6
Aniline
Concen: 24.145 ng
RT: 7.194 min Scan# 699
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

Tgt Ion: 93 Resp: 78395
Ion Ratio Lower Upper
93 100
66 38.5 33.7 50.5
65 20.0 19.1 28.7

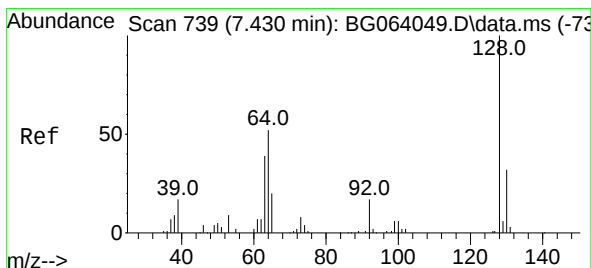
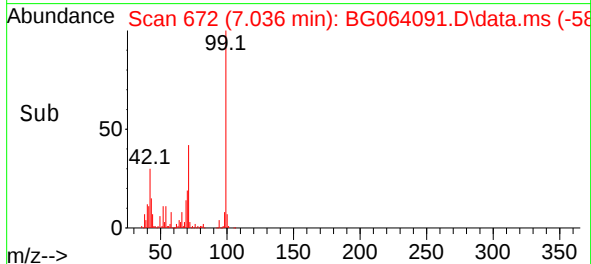
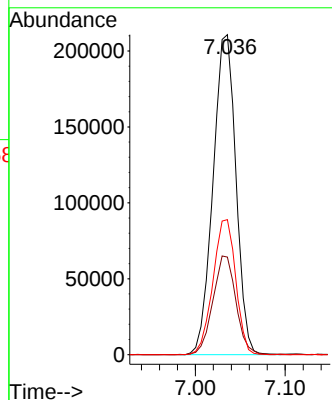
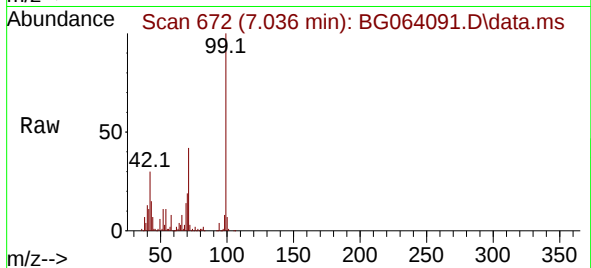




#7
Phenol-d6
Concen: 112.726 ng
RT: 7.036 min Scan# 671
Delta R.T. 0.005 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

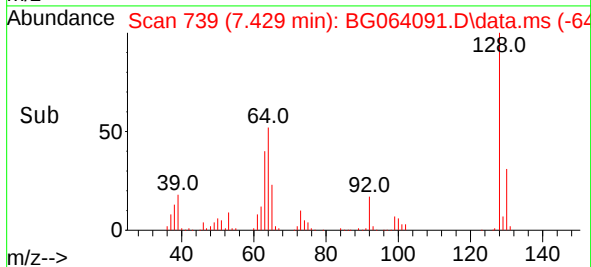
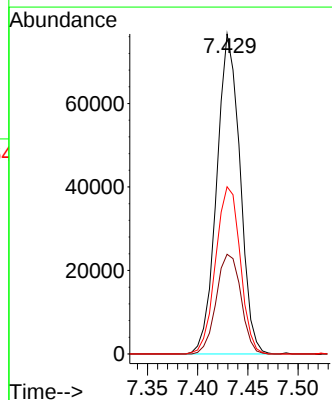
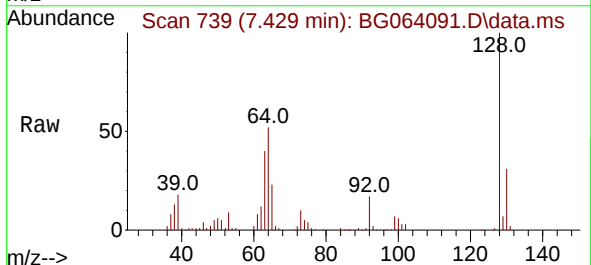
Instrument :
BNA_G
ClientSampleId :
VNJ-241MS

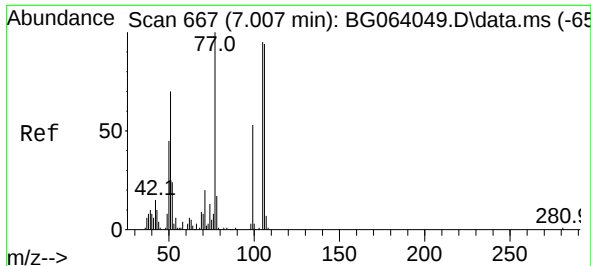
Tgt Ion: 99 Resp: 372996
Ion Ratio Lower Upper
99 100
42 30.5 22.7 34.1
71 42.2 30.6 46.0



#8
2-Chlorophenol
Concen: 47.335 ng
RT: 7.429 min Scan# 739
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

Tgt Ion: 128 Resp: 123654
Ion Ratio Lower Upper
128 100
130 31.2 12.3 52.3
64 52.2 37.0 77.0

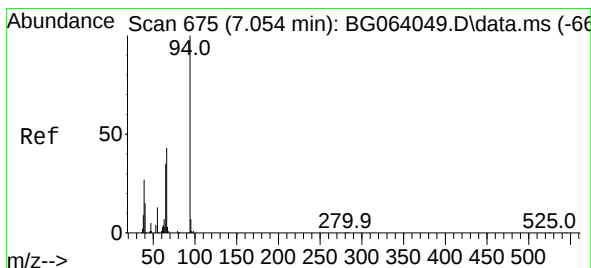
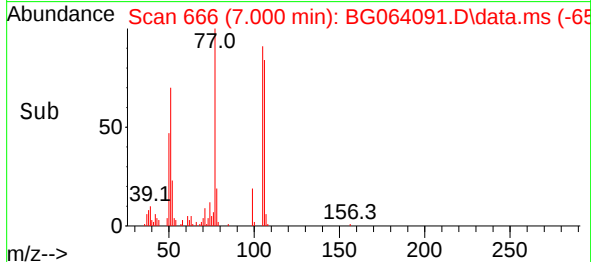
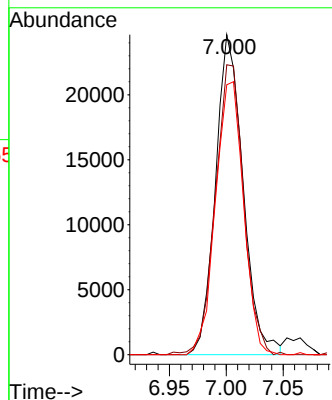
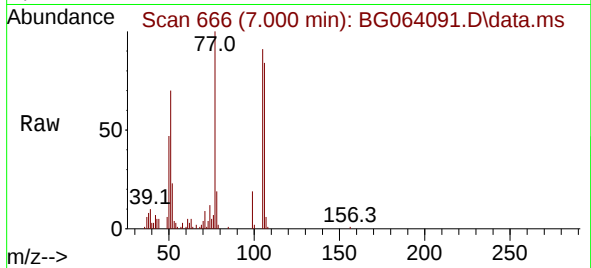




#9
Benzaldehyde
Concen: 21.506 ng
RT: 7.000 min Scan# 666
Delta R.T. -0.007 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

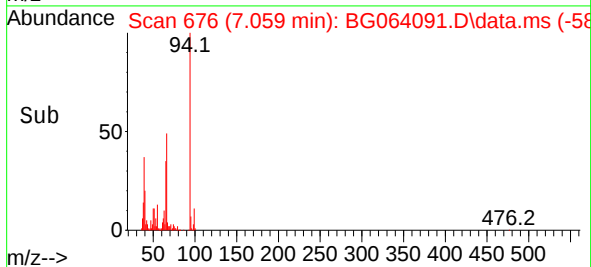
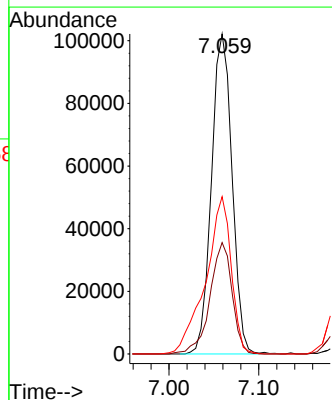
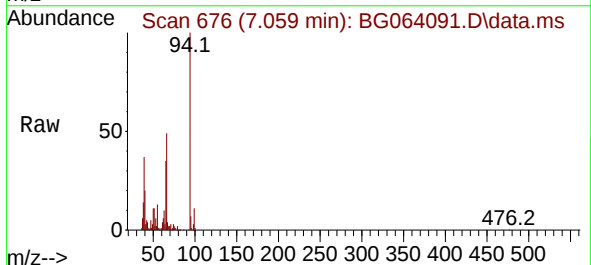
Instrument :
BNA_G
ClientSampleId :
VNJ-241MS

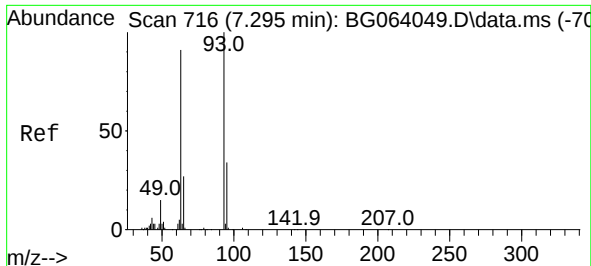
Tgt Ion: 77 Resp: 41387
Ion Ratio Lower Upper
77 100
105 90.6 75.5 115.5
106 84.4 74.2 114.2



#10
Phenol
Concen: 47.971 ng
RT: 7.059 min Scan# 676
Delta R.T. 0.005 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

Tgt Ion: 94 Resp: 162513
Ion Ratio Lower Upper
94 100
65 34.8 15.2 55.2
66 49.1 25.1 65.1

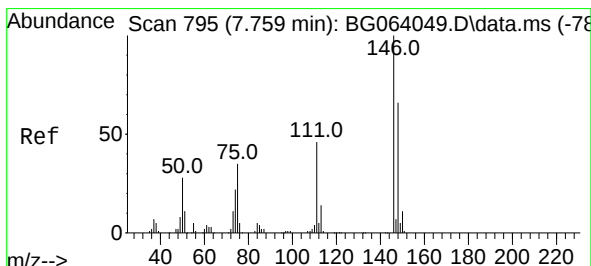
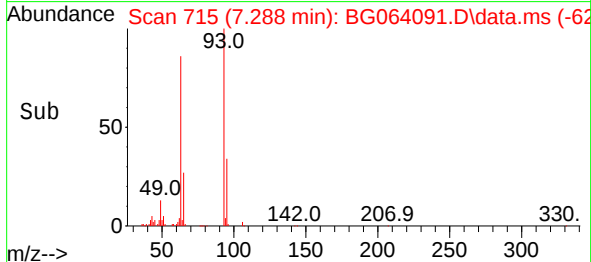
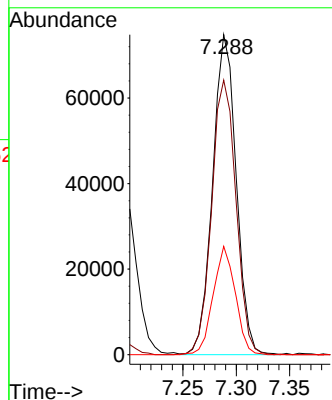
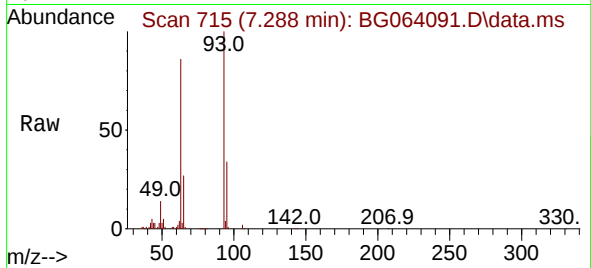




#11
bis(2-Chloroethyl)ether
Concen: 43.377 ng
RT: 7.288 min Scan# 715
Delta R.T. -0.007 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

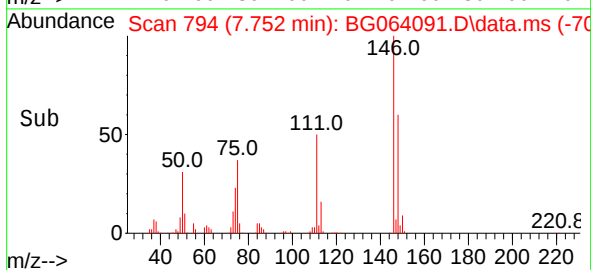
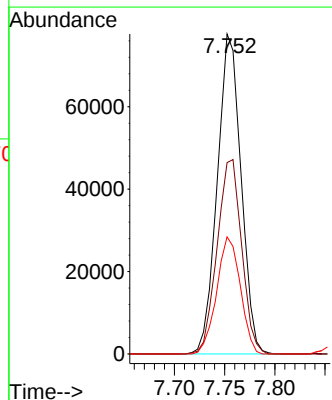
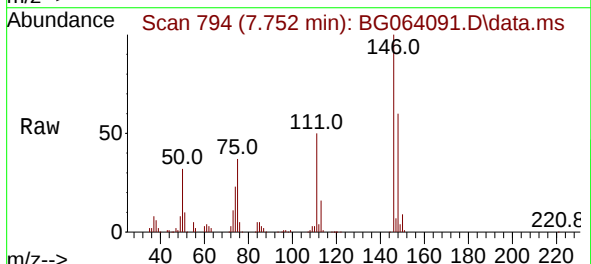
Instrument :
BNA_G
ClientSampleId :
VNJ-241MS

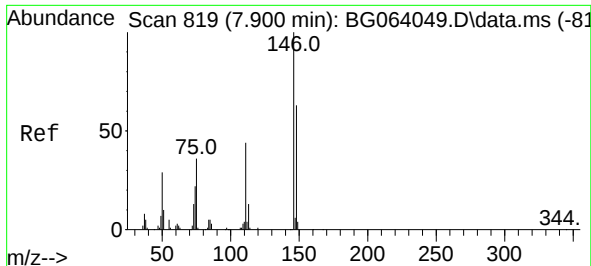
Tgt Ion: 93 Resp: 115208
Ion Ratio Lower Upper
93 100
63 85.8 70.0 110.0
95 33.9 13.7 53.7



#12
1,3-Dichlorobenzene
Concen: 44.495 ng
RT: 7.752 min Scan# 794
Delta R.T. -0.006 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

Tgt Ion:146 Resp: 127642
Ion Ratio Lower Upper
146 100
148 59.8 52.6 78.8
75 36.6 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 43.802 ng

RT: 7.899 min Scan# 819

Delta R.T. -0.001 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

Instrument :

BNA_G

ClientSampleId :

VNJ-241MS

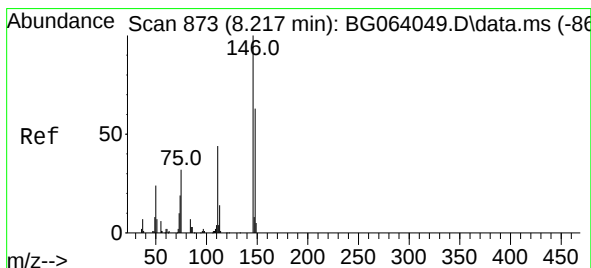
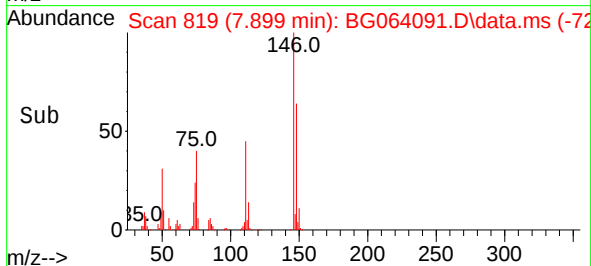
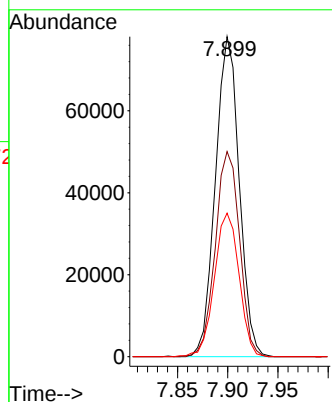
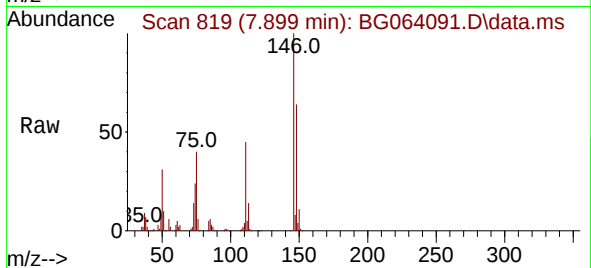
Tgt Ion:146 Resp: 128794

Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

111 44.9 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 44.695 ng

RT: 8.217 min Scan# 873

Delta R.T. -0.001 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

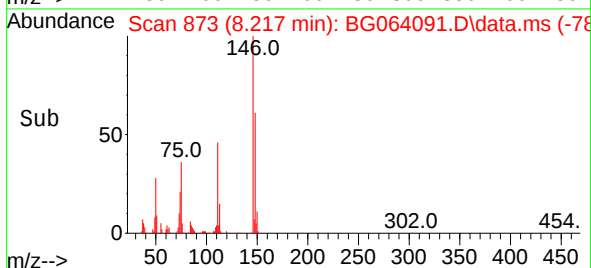
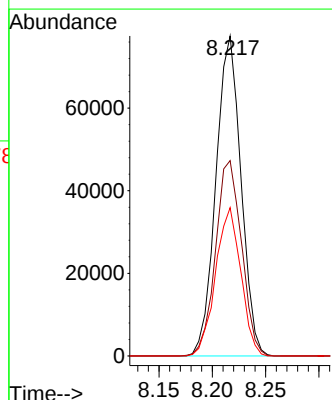
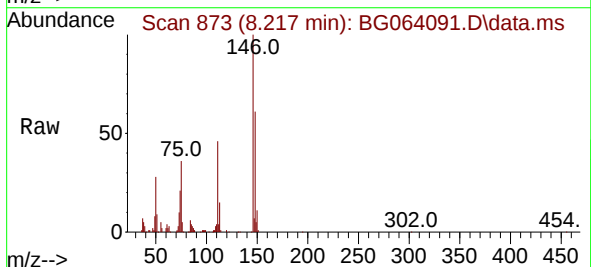
Tgt Ion:146 Resp: 126725

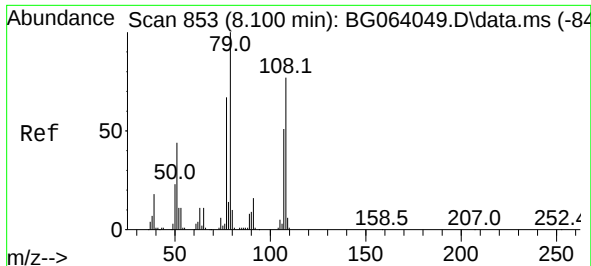
Ion Ratio Lower Upper

146 100

148 61.1 50.2 75.2

111 46.4 36.4 54.6

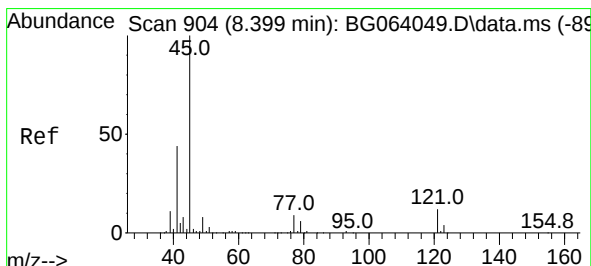
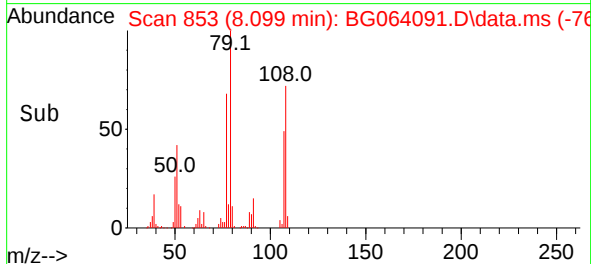
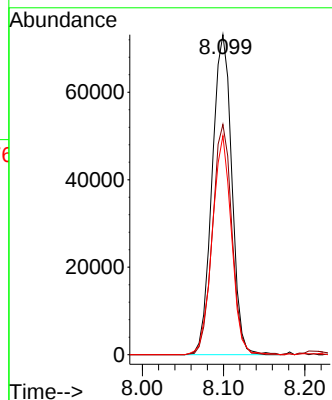
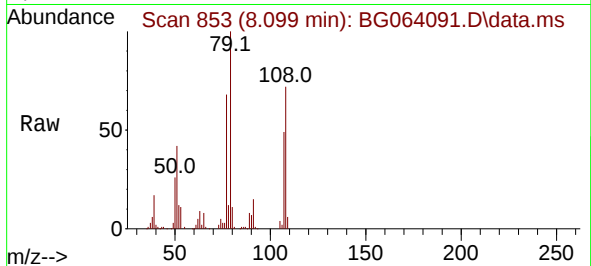




#15
Benzyl Alcohol
Concen: 48.091 ng
RT: 8.099 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

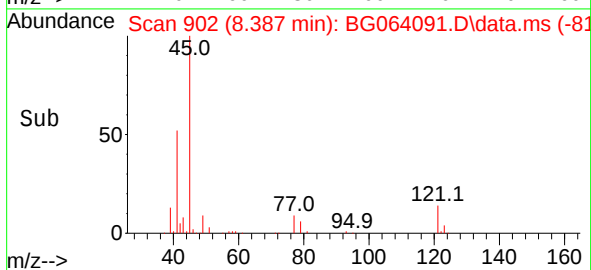
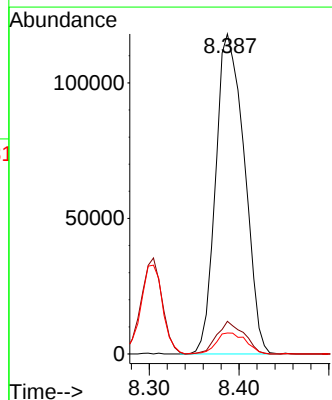
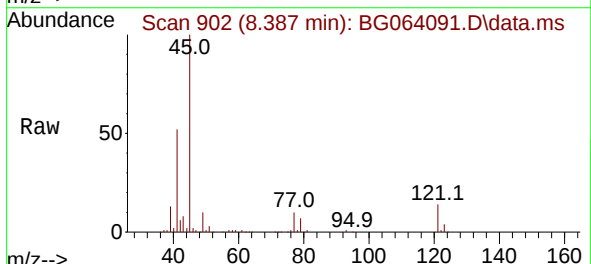
Instrument :
BNA_G
ClientSampleId :
VNJ-241MS

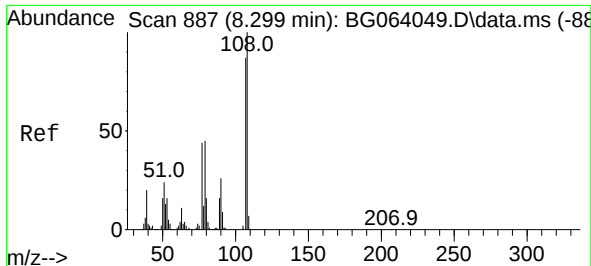
Tgt Ion: 79 Resp: 122966
Ion Ratio Lower Upper
79 100
108 72.0 61.7 92.5
77 68.4 53.9 80.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.689 ng
RT: 8.387 min Scan# 902
Delta R.T. -0.012 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

Tgt Ion: 45 Resp: 260916
Ion Ratio Lower Upper
45 100
77 10.2 0.0 29.0
79 6.6 0.0 26.6

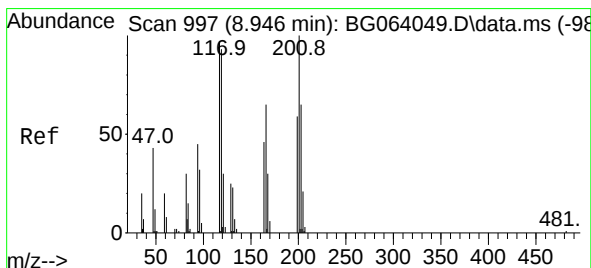
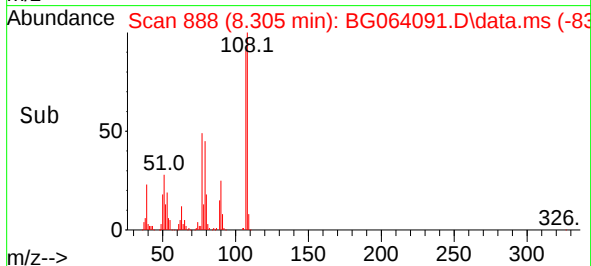
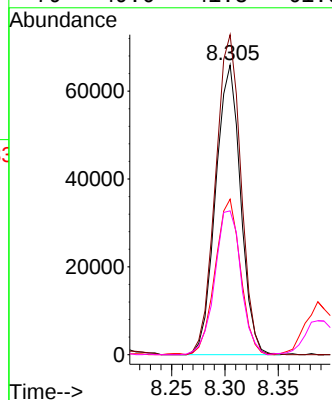
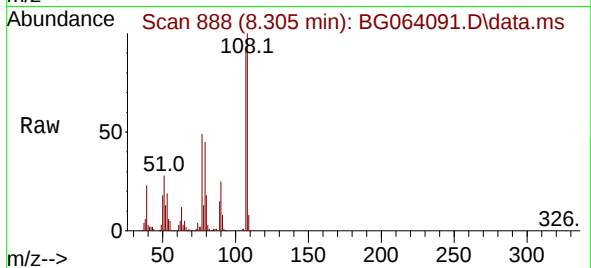




#17
2-Methylphenol
Concen: 47.700 ng
RT: 8.305 min Scan# 887
Delta R.T. 0.005 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

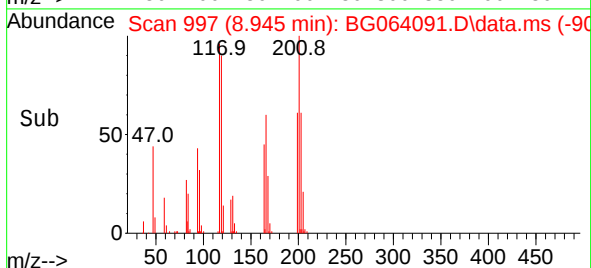
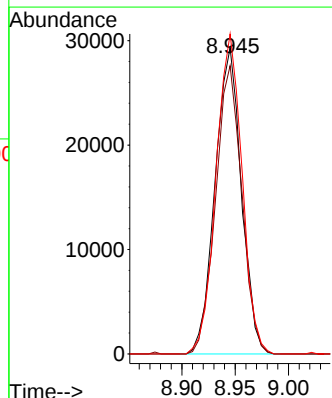
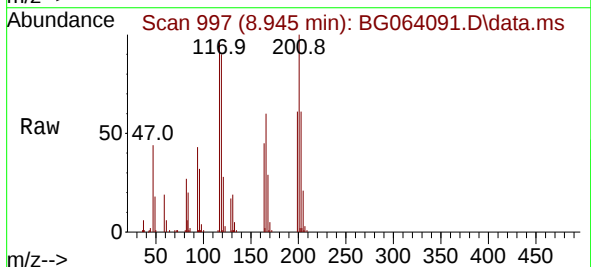
Instrument :
BNA_G
ClientSampleId :
VNJ-241MS

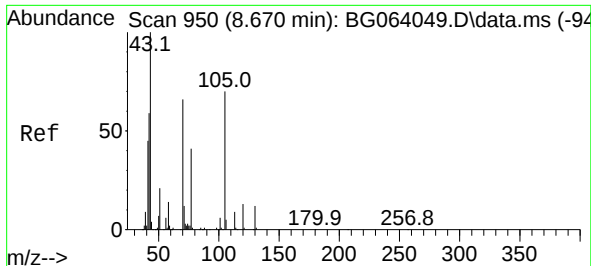
Tgt Ion:107 Resp: 107250
Ion Ratio Lower Upper
107 100
108 110.4 92.5 138.7
77 53.7 40.5 60.7
79 49.6 41.3 61.9



#18
Hexachloroethane
Concen: 48.761 ng
RT: 8.945 min Scan# 997
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

Tgt Ion:117 Resp: 50163
Ion Ratio Lower Upper
117 100
119 94.1 76.2 114.2
201 104.5 81.5 122.3





#19

n-Nitroso-di-n-propylamine

Concen: 41.917 ng

RT: 8.669 min Scan# 950

Delta R.T. -0.001 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

Instrument :

BNA_G

ClientSampleId :

VNJ-241MS

Tgt Ion: 70 Resp: 97338

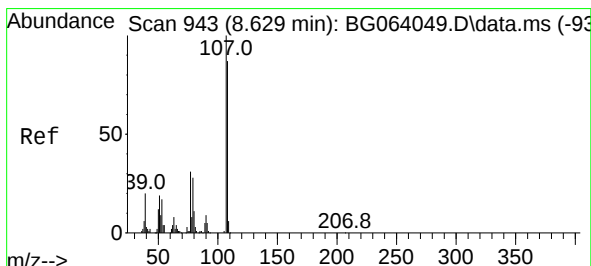
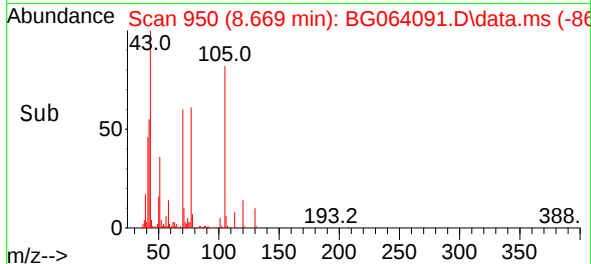
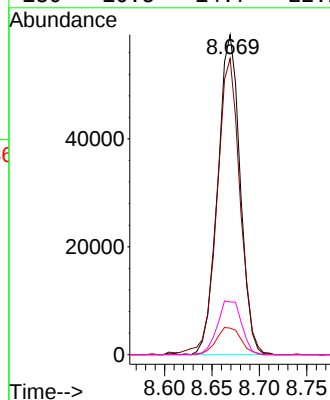
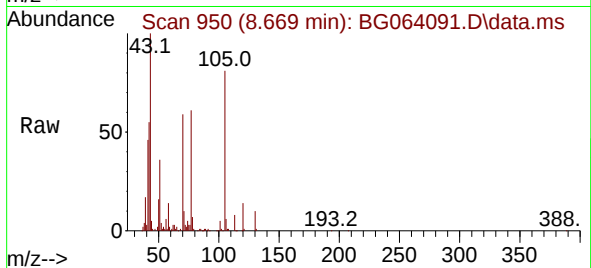
Ion Ratio Lower Upper

70 100

42 92.5 72.1 108.1

101 8.3 7.2 10.8

130 16.5 14.7 22.1



#20

3+4-Methylphenols

Concen: 46.469 ng

RT: 8.628 min Scan# 943

Delta R.T. -0.001 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

Tgt Ion:107 Resp: 143840

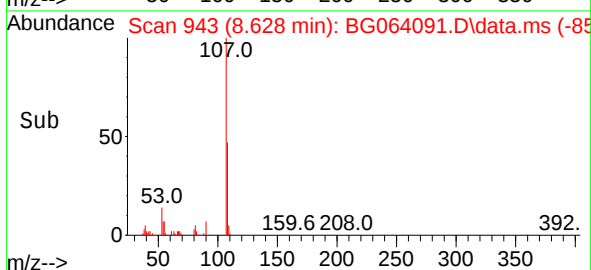
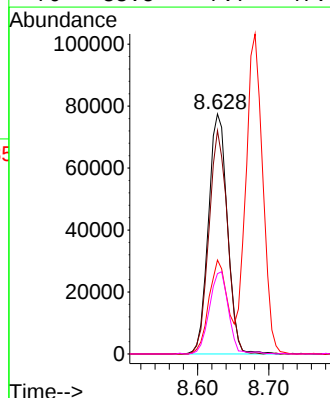
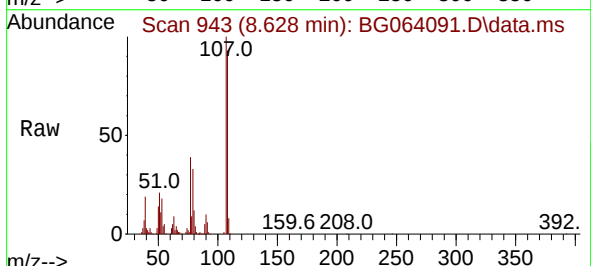
Ion Ratio Lower Upper

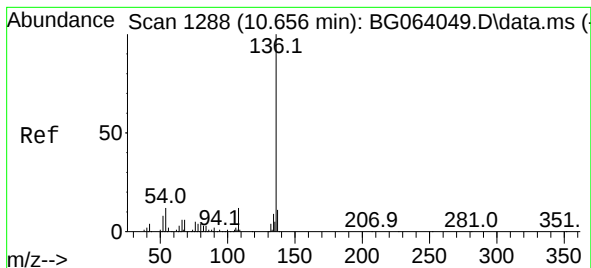
107 100

108 93.1 67.0 107.0

77 39.1 11.2 51.2

79 33.5 7.7 47.7

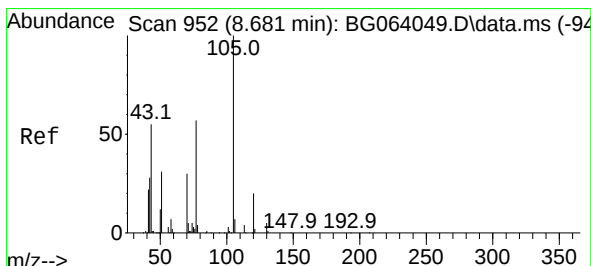
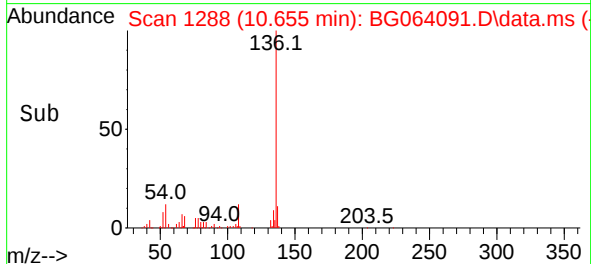
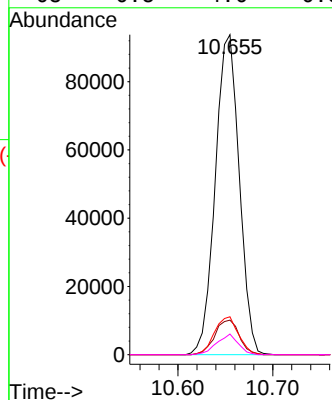
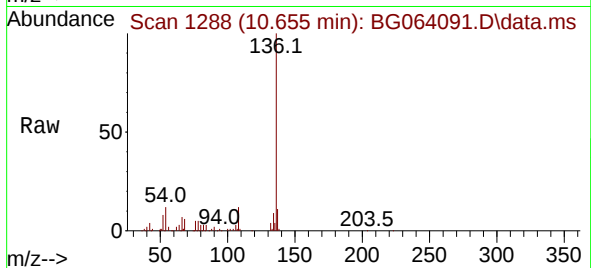




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.655 min Scan# 1288
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

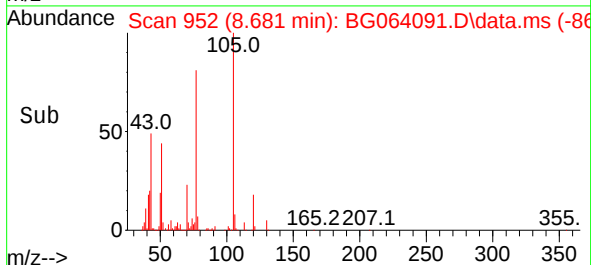
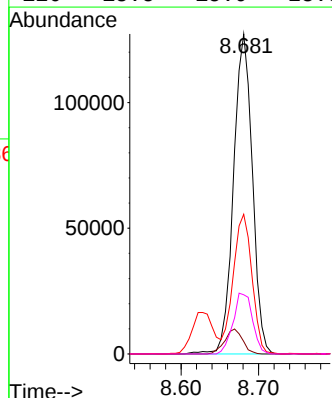
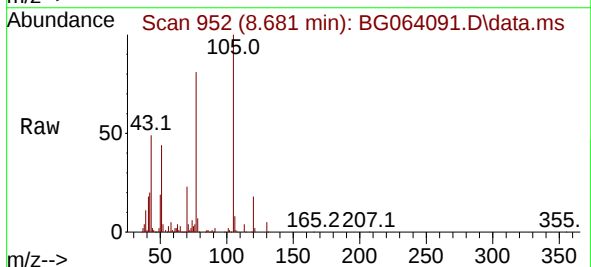
Instrument :
BNA_G
ClientSampleId :
VNJ-241MS

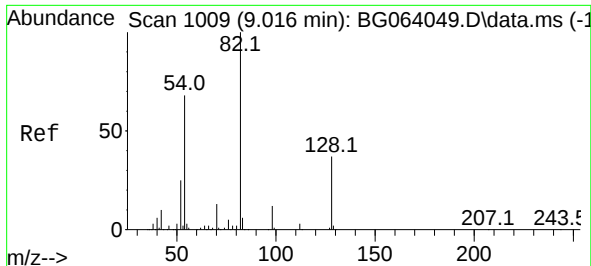
Tgt Ion:136 Resp: 164795
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 11.8 9.9 14.9
68 6.5 4.6 6.8



#22
Acetophenone
Concen: 47.592 ng
RT: 8.681 min Scan# 952
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

Tgt Ion:105 Resp: 215036
Ion Ratio Lower Upper
105 100
71 3.9 4.2 6.4#
51 43.6 33.3 49.9
120 18.5 15.9 23.9





#23

Nitrobenzene-d5

Concen: 83.335 ng

RT: 9.016 min Scan# 1009

Delta R.T. -0.001 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

Instrument :

BNA_G

ClientSampleId :

VNJ-241MS

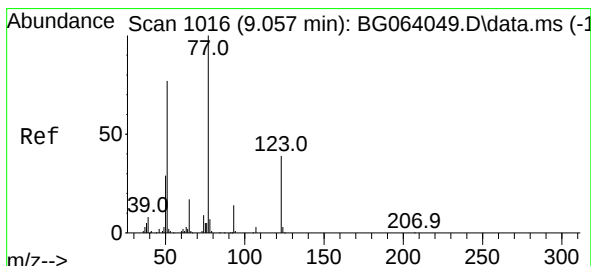
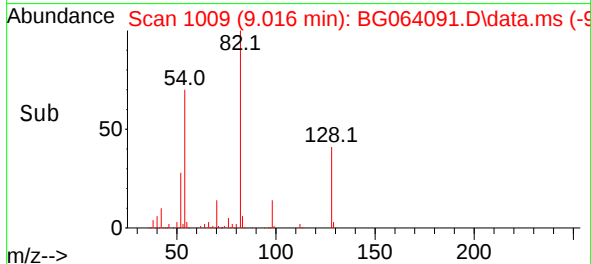
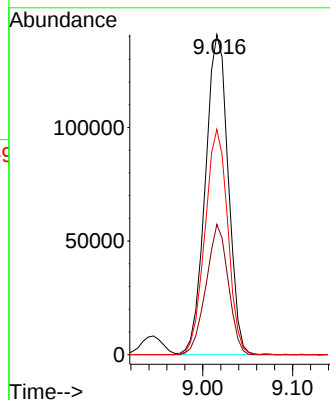
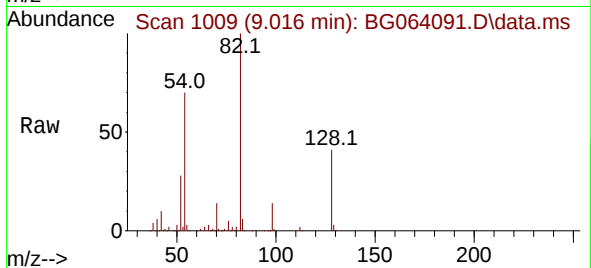
Tgt Ion: 82 Resp: 248511

Ion Ratio Lower Upper

82 100

128 40.7 30.0 45.0

54 70.4 54.7 82.1



#24

Nitrobenzene

Concen: 47.655 ng

RT: 9.057 min Scan# 1016

Delta R.T. -0.001 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

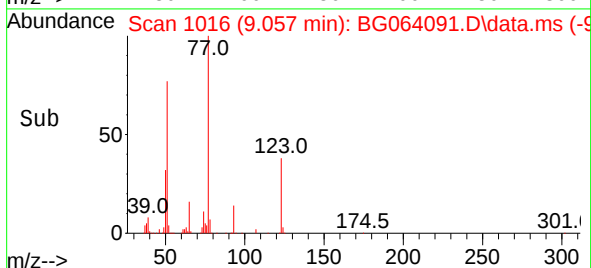
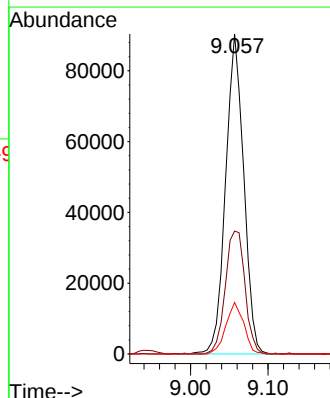
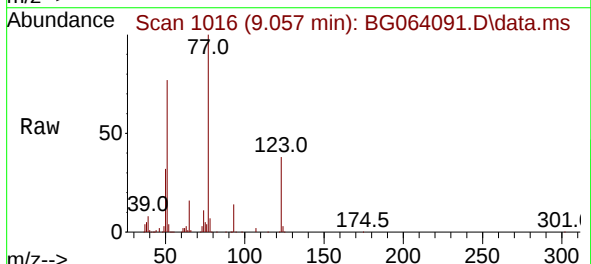
Tgt Ion: 77 Resp: 146864

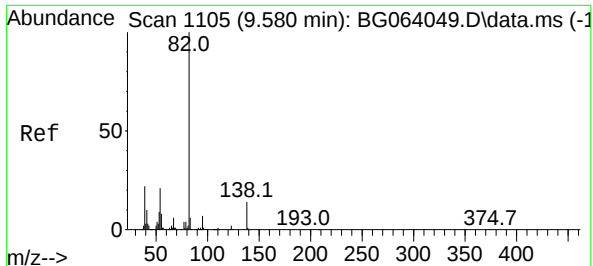
Ion Ratio Lower Upper

77 100

123 38.4 31.4 47.2

65 16.1 13.4 20.0

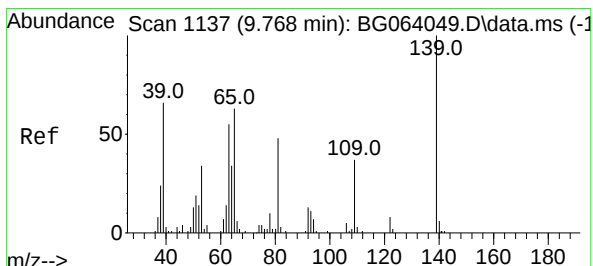
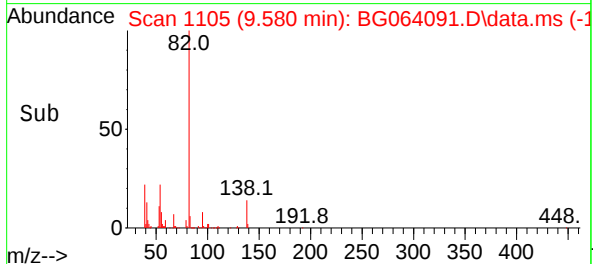
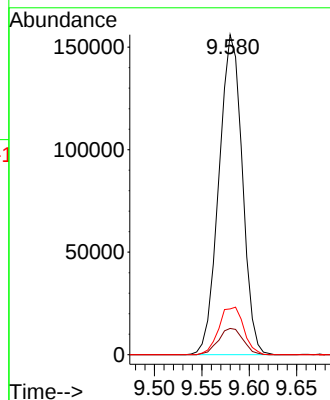
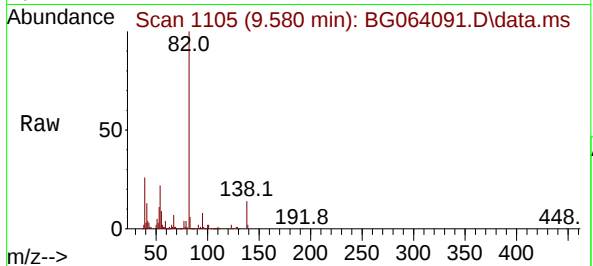




#25
Isophorone
Concen: 44.905 ng
RT: 9.580 min Scan# 1105
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

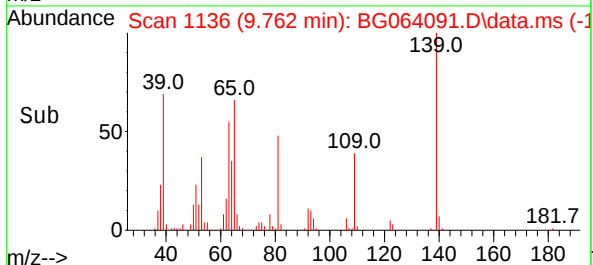
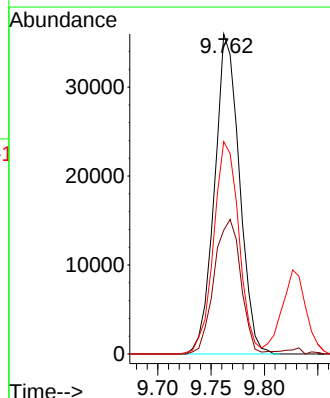
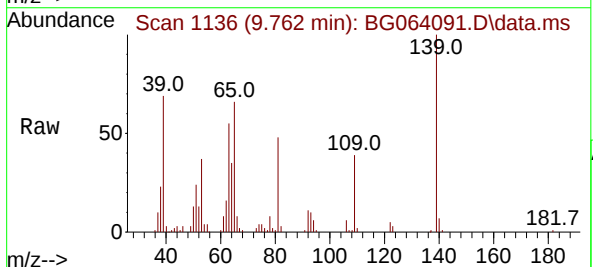
Instrument :
BNA_G
ClientSampleId :
VNJ-241MS

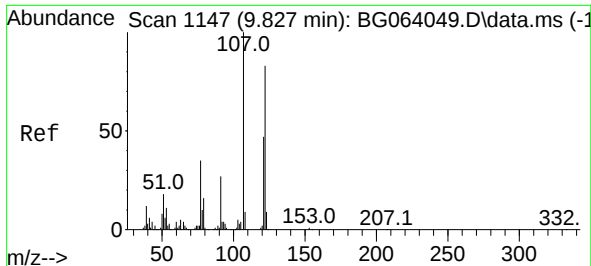
Tgt Ion: 82 Resp: 268028
Ion Ratio Lower Upper
82 100
95 8.2 5.8 8.8
138 14.3 10.9 16.3



#26
2-Nitrophenol
Concen: 53.227 ng
RT: 9.762 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

Tgt Ion:139 Resp: 58166
Ion Ratio Lower Upper
139 100
109 38.7 29.9 44.9
65 66.4 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 61.751 ng

RT: 9.832 min Scan# 1147

Delta R.T. 0.005 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

Instrument :

BNA_G

ClientSampleId :

VNJ-241MS

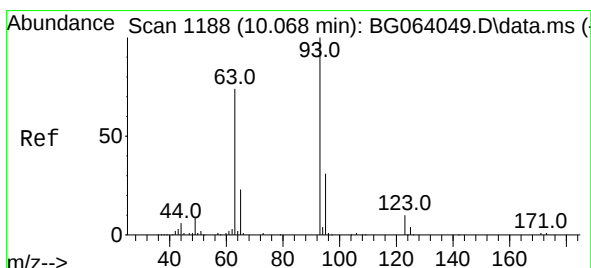
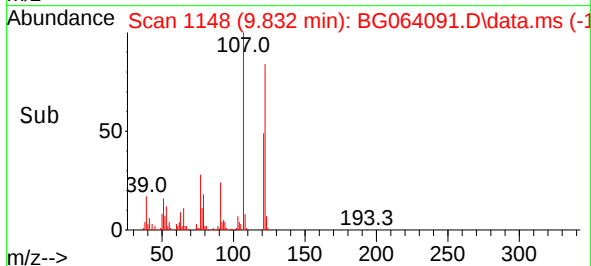
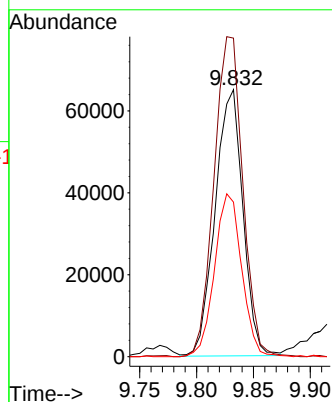
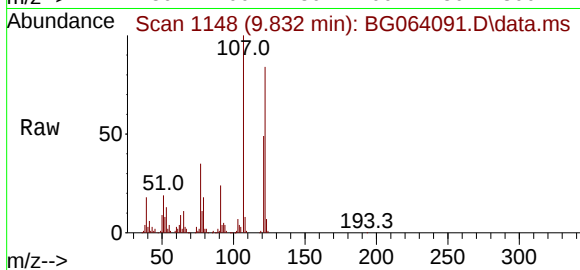
Tgt Ion:122 Resp: 110494

Ion Ratio Lower Upper

122 100

107 119.3 95.4 143.0

121 57.9 44.9 67.3



#28

bis(2-Chloroethoxy)methane

Concen: 43.449 ng

RT: 10.061 min Scan# 1187

Delta R.T. -0.007 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

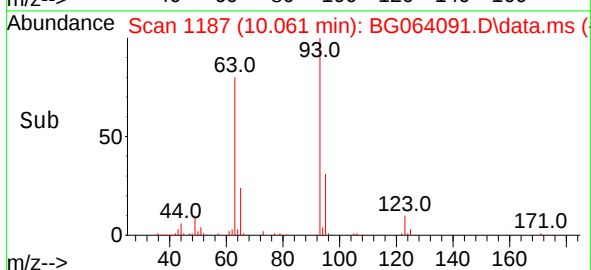
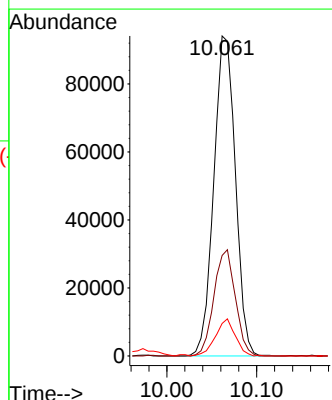
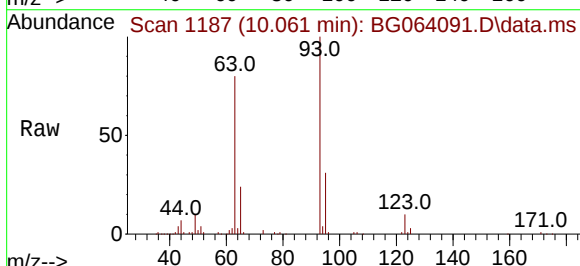
Tgt Ion: 93 Resp: 157229

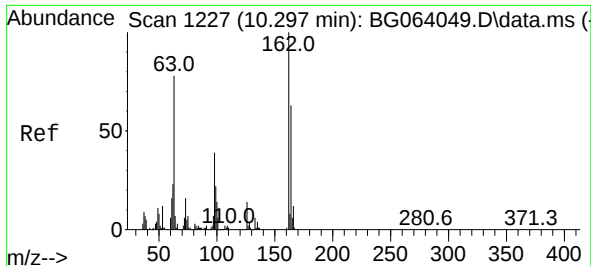
Ion Ratio Lower Upper

93 100

95 31.4 25.0 37.4

123 10.1 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 50.256 ng

RT: 10.297 min Scan# 1227

Delta R.T. -0.001 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

Instrument :

BNA_G

ClientSampleId :

VNJ-241MS

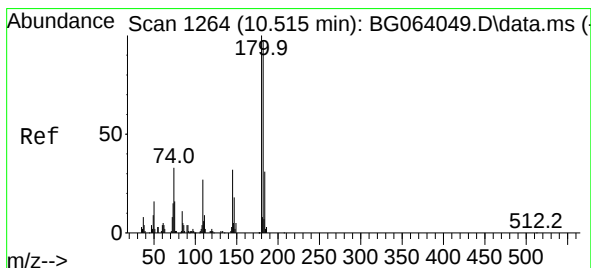
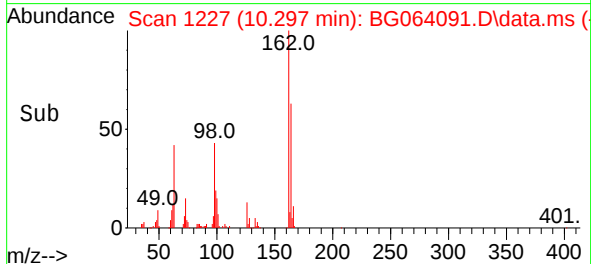
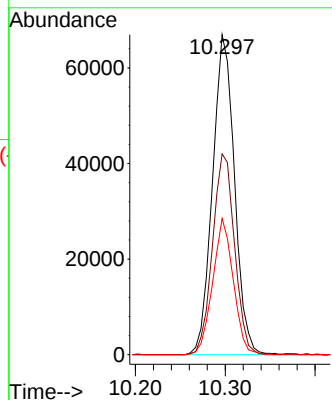
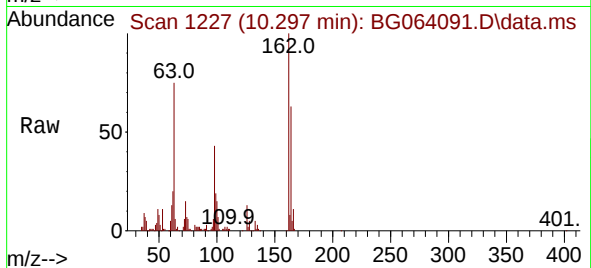
Tgt Ion:162 Resp: 113550

Ion Ratio Lower Upper

162 100

164 62.8 42.8 82.8

98 42.6 19.1 59.1



#30

1,2,4-Trichlorobenzene

Concen: 44.431 ng

RT: 10.514 min Scan# 1264

Delta R.T. -0.001 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

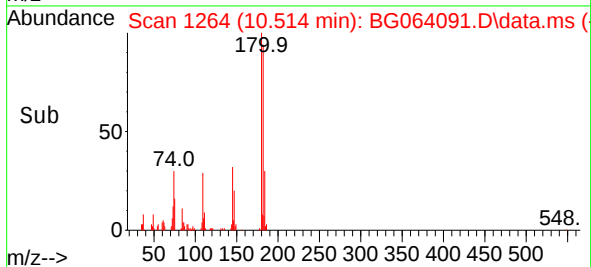
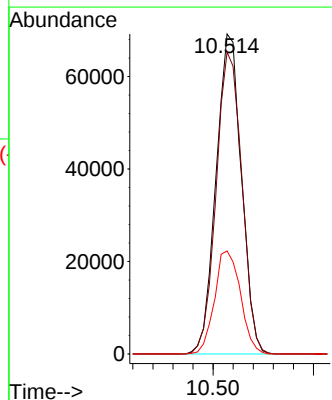
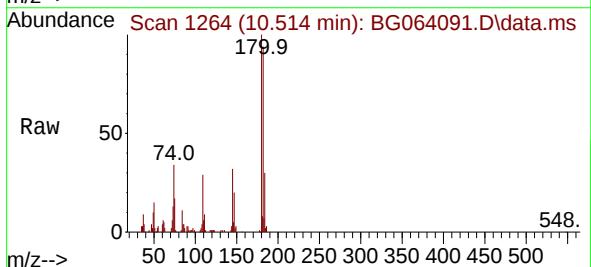
Tgt Ion:180 Resp: 121187

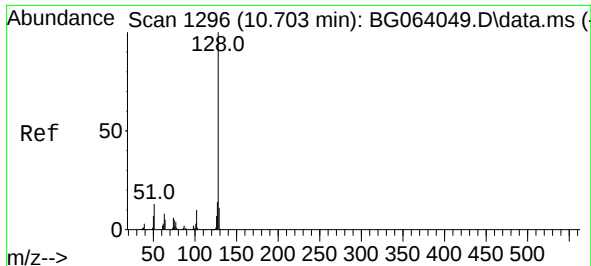
Ion Ratio Lower Upper

180 100

182 94.4 77.3 115.9

145 32.2 25.2 37.8

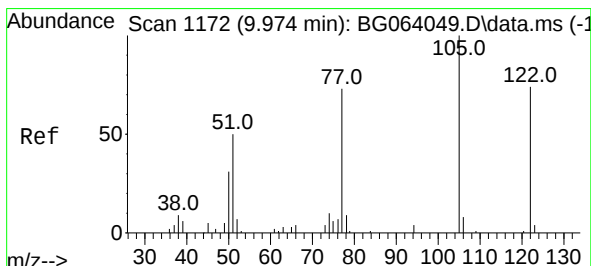
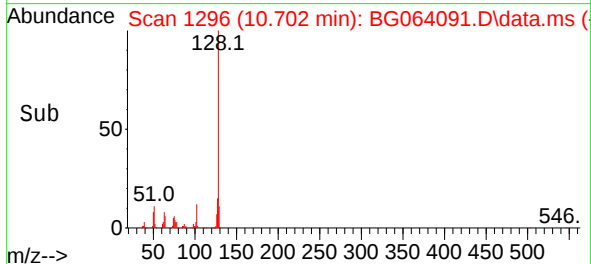
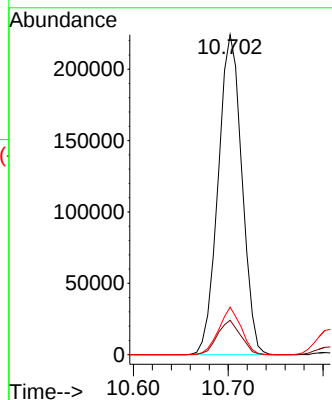
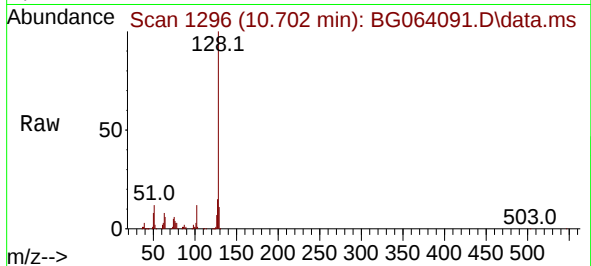




#31
Naphthalene
Concen: 43.949 ng
RT: 10.702 min Scan# 1296
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

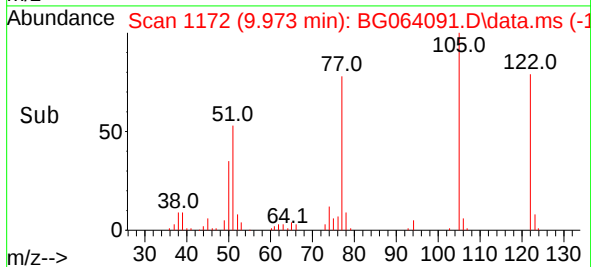
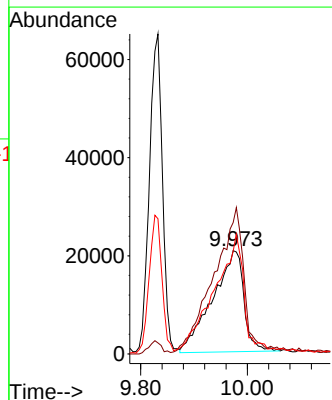
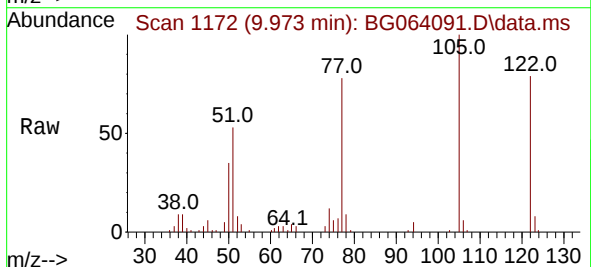
Instrument :
BNA_G
ClientSampleId :
VNJ-241MS

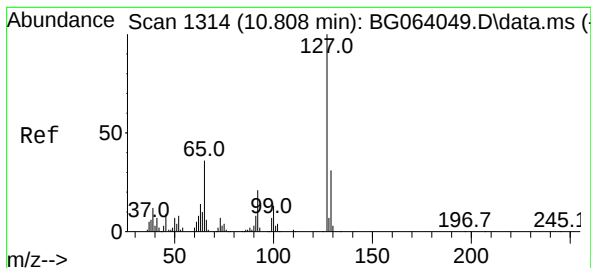
Tgt Ion:128 Resp: 390542
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 14.9 11.1 16.7



#32
Benzoic acid
Concen: 50.612 ng
RT: 9.973 min Scan# 1172
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

Tgt Ion:122 Resp: 84111
Ion Ratio Lower Upper
122 100
105 127.0 115.0 155.0
77 99.3 80.9 120.9

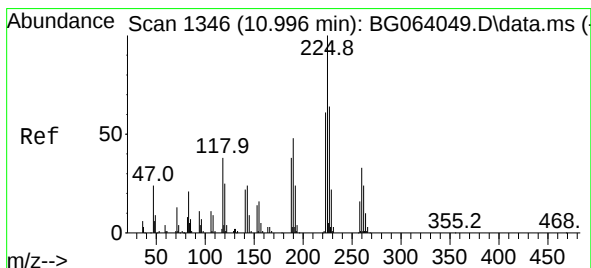
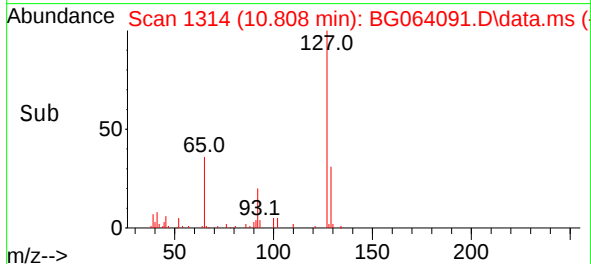
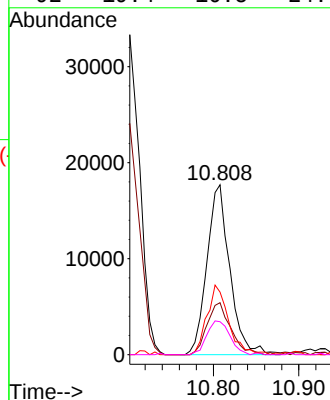
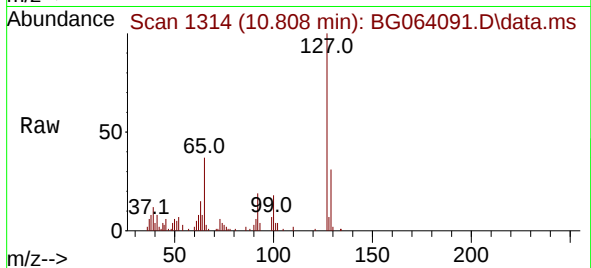




#33
4-Chloroaniline
Concen: 10.181 ng
RT: 10.808 min Scan# 1314
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

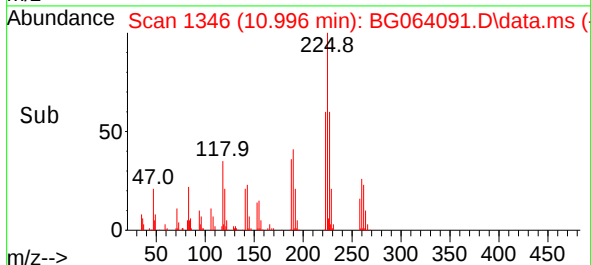
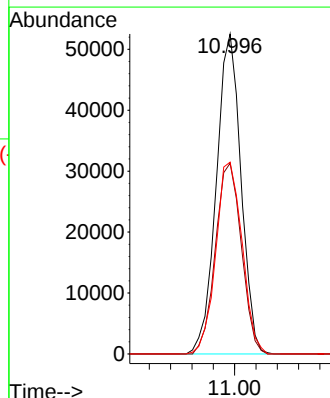
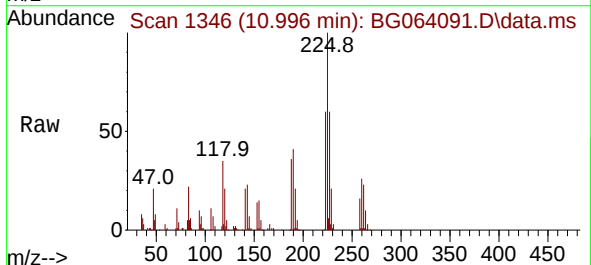
Instrument :
BNA_G
ClientSampleId :
VNJ-241MS

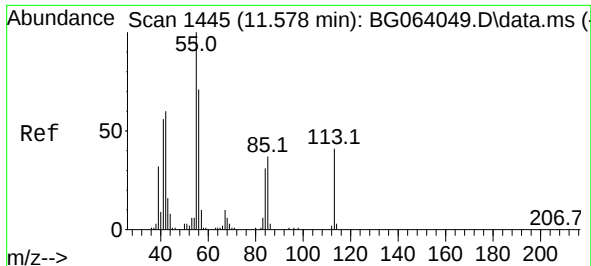
Tgt Ion:	127	Resp:	33066
Ion Ratio	Lower	Upper	
127	100		
129	30.6	25.0	37.4
65	36.8	28.5	42.7
92	19.4	16.5	24.7



#34
Hexachlorobutadiene
Concen: 47.162 ng
RT: 10.996 min Scan# 1346
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

Tgt Ion:	225	Resp:	84315
Ion Ratio	Lower	Upper	
225	100		
223	59.6	48.5	72.7
227	59.9	51.0	76.6





#35

Caprolactam

Concen: 25.112 ng

RT: 11.566 min Scan# 1443

Delta R.T. -0.012 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

Instrument :

BNA_G

ClientSampleId :

VNJ-241MS

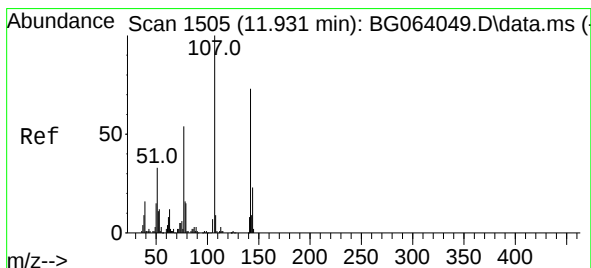
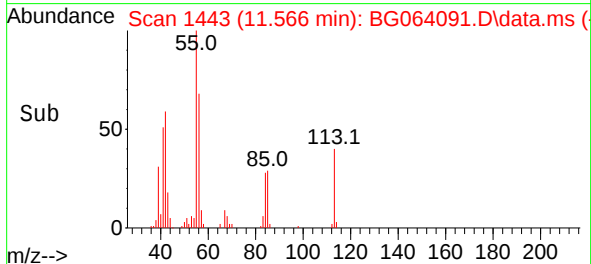
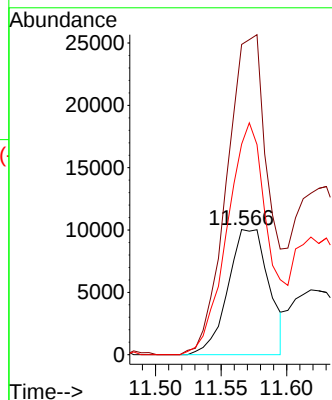
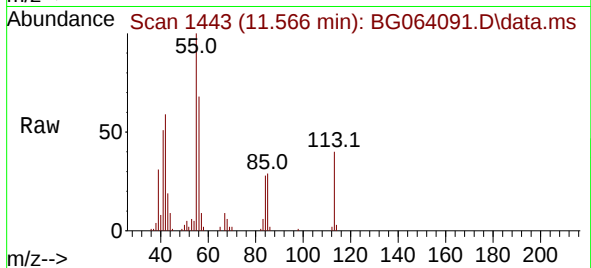
Tgt Ion:113 Resp: 21743

Ion Ratio Lower Upper

113 100

55 247.9 225.2 265.2

56 168.2 153.4 193.4



#36

4-Chloro-3-methylphenol

Concen: 47.518 ng

RT: 11.930 min Scan# 1505

Delta R.T. -0.001 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

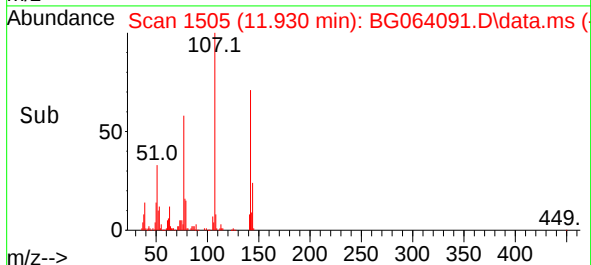
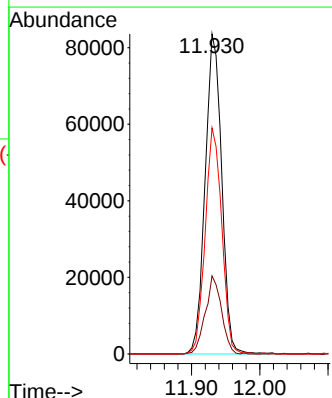
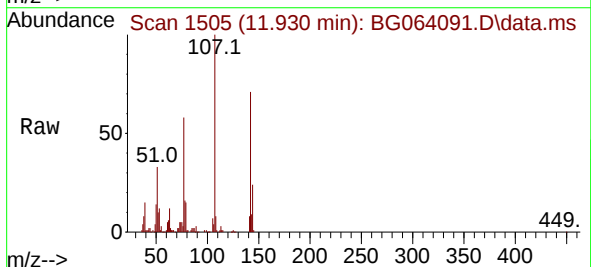
Tgt Ion:107 Resp: 140733

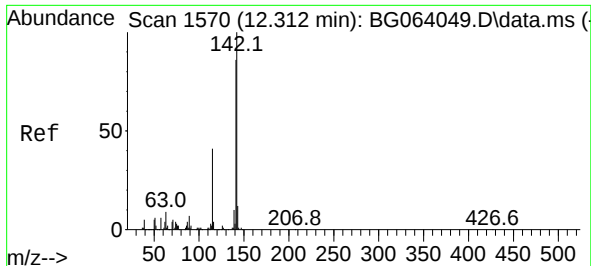
Ion Ratio Lower Upper

107 100

144 24.4 18.6 28.0

142 70.6 58.0 87.0





#37

2-Methylnaphthalene

Concen: 42.520 ng

RT: 12.312 min Scan# 1570

Delta R.T. -0.001 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

Instrument :

BNA_G

ClientSampleId :

VNJ-241MS

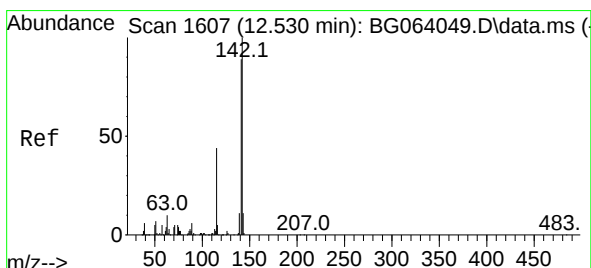
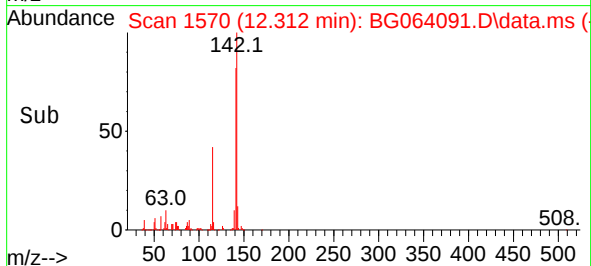
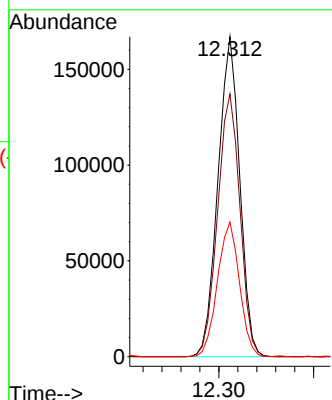
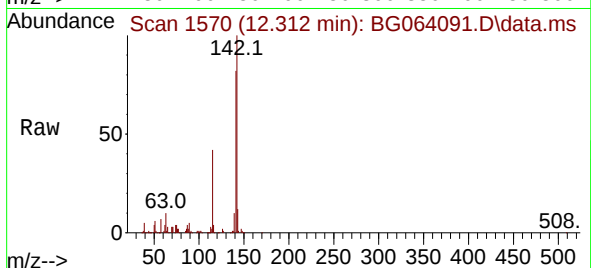
Tgt Ion:142 Resp: 266743

Ion Ratio Lower Upper

142 100

141 82.1 68.6 103.0

115 42.0 32.8 49.2



#38

1-Methylnaphthalene

Concen: 43.163 ng

RT: 12.529 min Scan# 1607

Delta R.T. -0.001 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

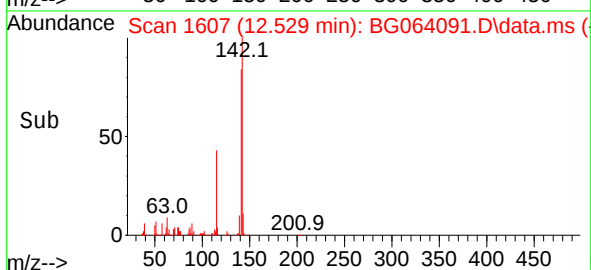
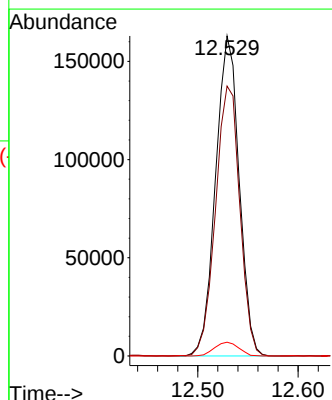
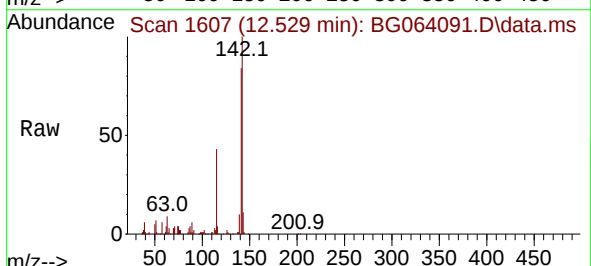
Tgt Ion:142 Resp: 265282

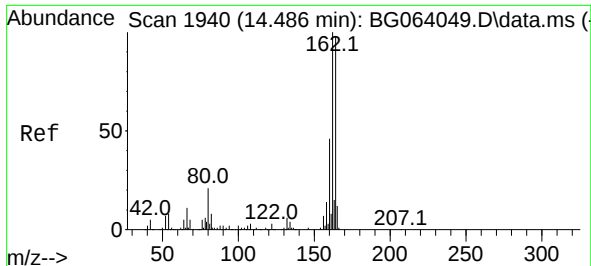
Ion Ratio Lower Upper

142 100

141 84.3 71.2 106.8

116 4.3 3.6 5.4

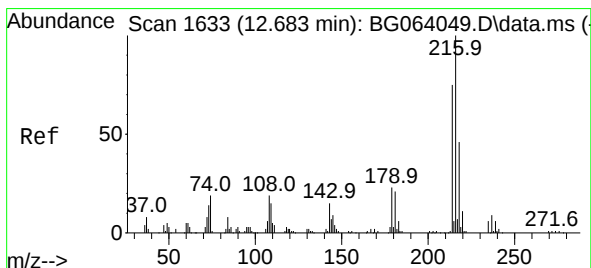
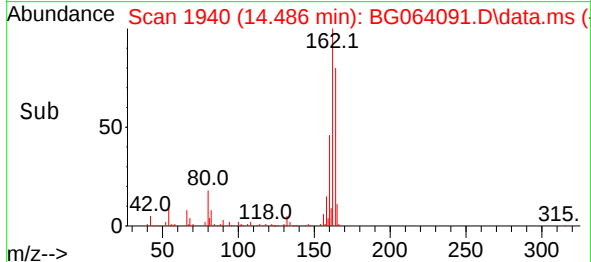
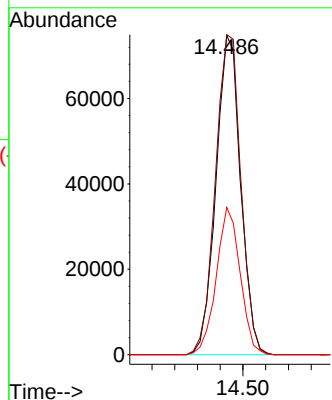
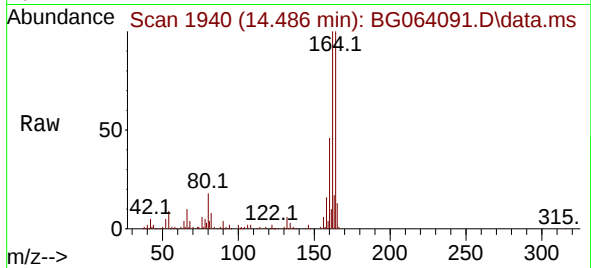




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

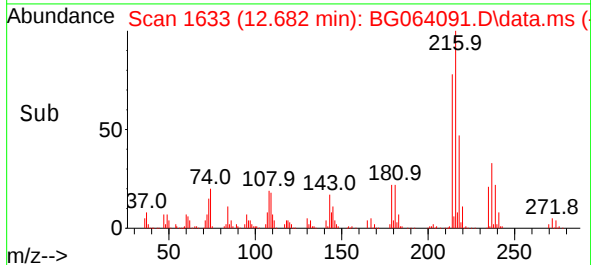
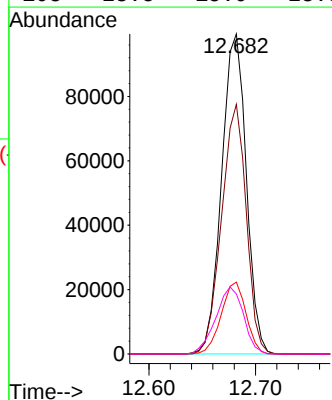
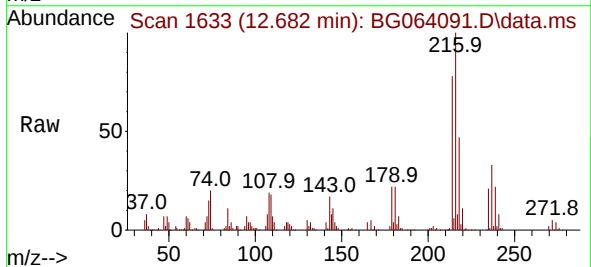
Instrument :
BNA_G
ClientSampleId :
VNJ-241MS

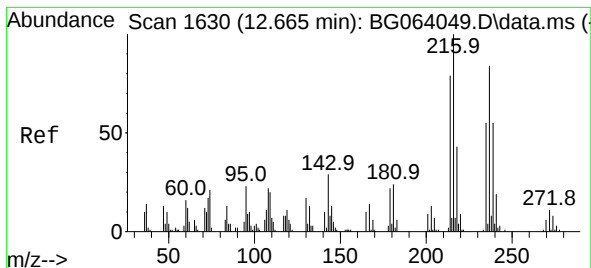
Tgt Ion:164 Resp: 112370
Ion Ratio Lower Upper
164 100
162 100.3 81.4 122.0
160 46.1 37.0 55.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.805 ng
RT: 12.682 min Scan# 1633
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

Tgt Ion:216 Resp: 159778
Ion Ratio Lower Upper
216 100
214 77.8 61.7 92.5
179 22.6 17.9 26.9
108 23.5 15.9 23.9

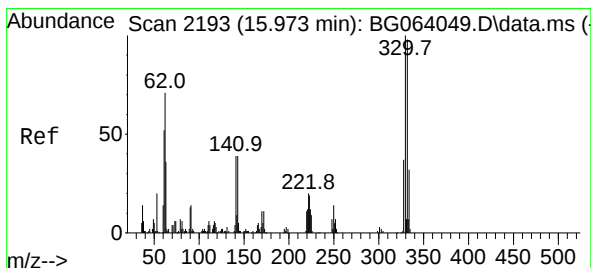
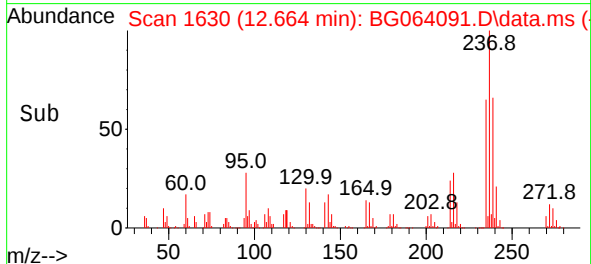
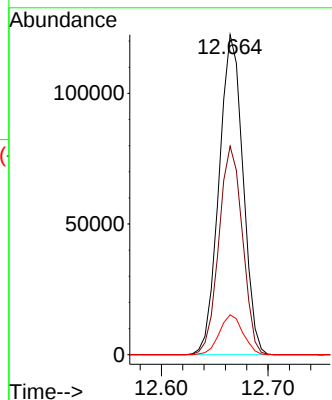
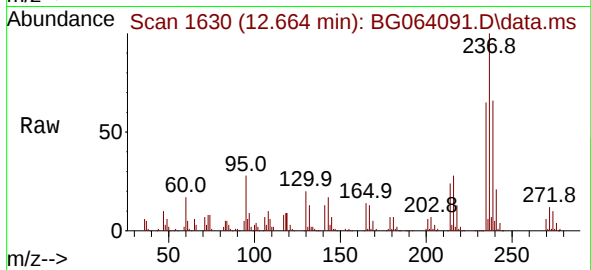




#41
Hexachlorocyclopentadiene
Concen: 211.294 ng
RT: 12.664 min Scan# 1630
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

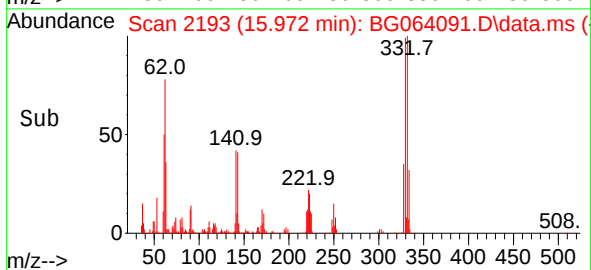
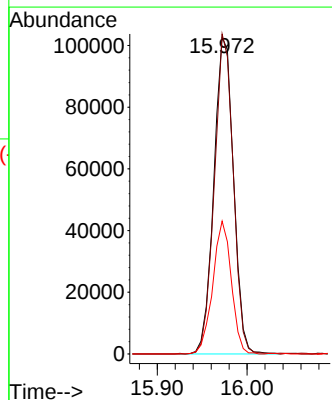
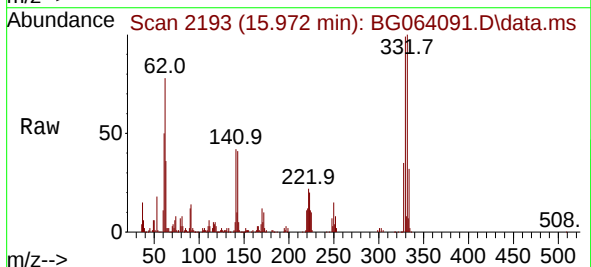
Instrument :
BNA_G
ClientSampleId :
VNJ-241MS

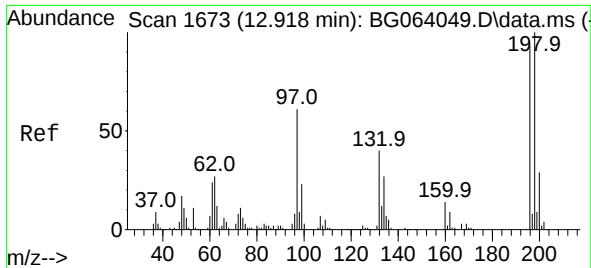
Tgt Ion:237 Resp: 190782
Ion Ratio Lower Upper
237 100
235 65.2 46.0 86.0
272 12.4 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 125.156 ng
RT: 15.972 min Scan# 2193
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

Tgt Ion:330 Resp: 156329
Ion Ratio Lower Upper
330 100
332 96.8 76.7 115.1
141 39.6 29.7 44.5

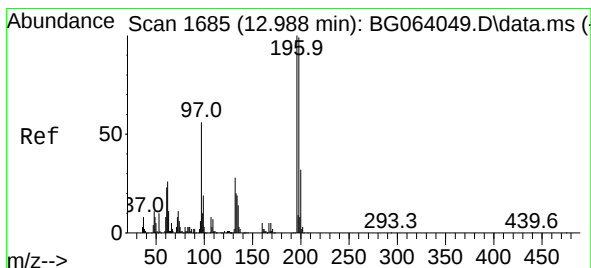
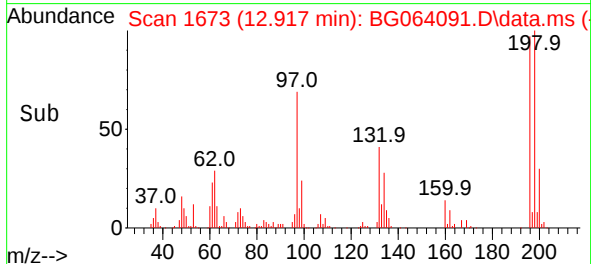
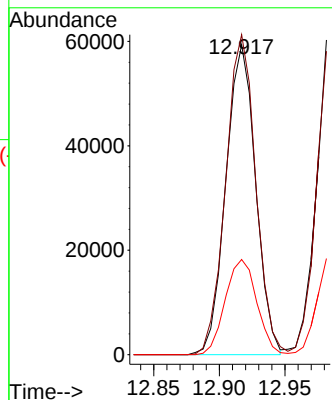
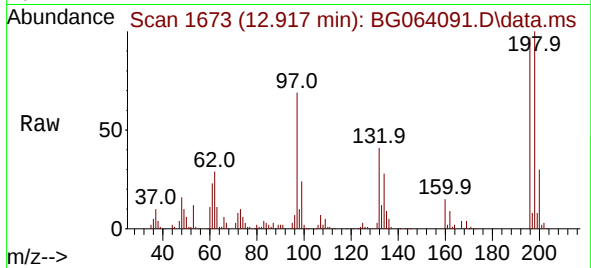




#43
2,4,6-Trichlorophenol
Concen: 49.585 ng
RT: 12.917 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

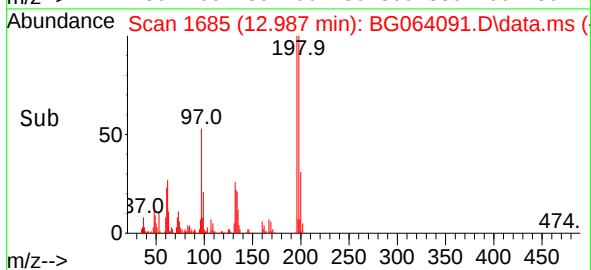
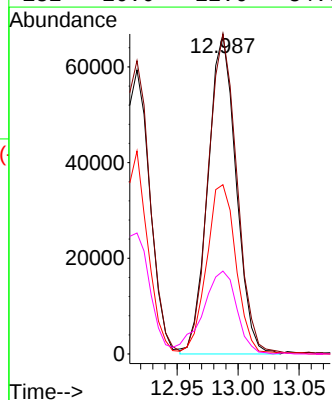
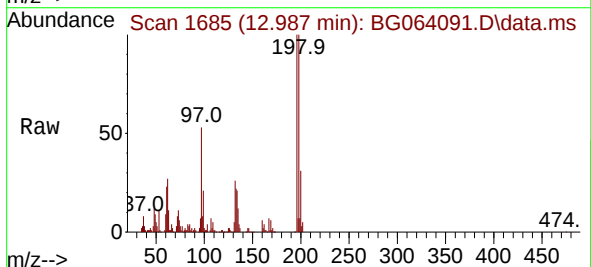
Instrument :
BNA_G
ClientSampleId :
VNJ-241MS

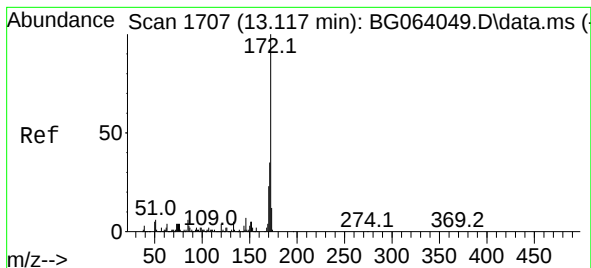
Tgt Ion:196 Resp: 93753
Ion Ratio Lower Upper
196 100
198 103.2 85.6 128.4
200 30.7 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 50.941 ng
RT: 12.987 min Scan# 1685
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

Tgt Ion:196 Resp: 107021
Ion Ratio Lower Upper
196 100
198 100.1 79.5 119.3
97 53.0 45.2 67.8
132 26.0 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 68.383 ng

RT: 13.111 min Scan# 1706

Delta R.T. -0.007 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

Instrument :

BNA_G

ClientSampleId :

VNJ-241MS

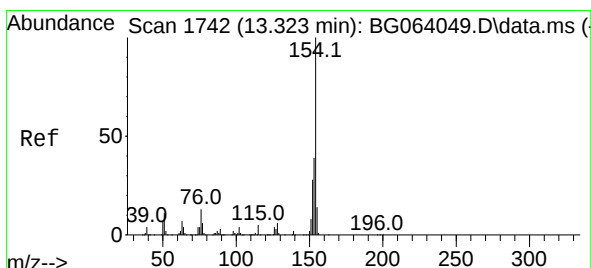
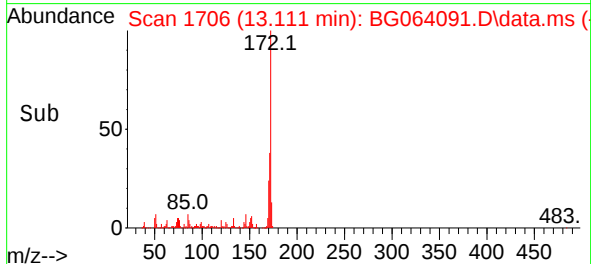
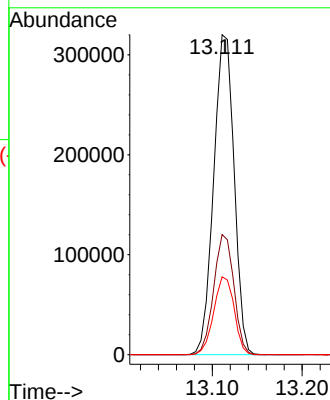
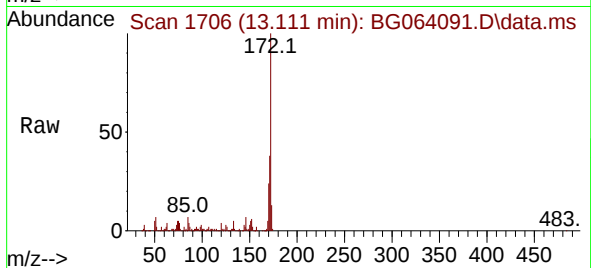
Tgt Ion:172 Resp: 506244

Ion Ratio Lower Upper

172 100

171 37.5 28.0 42.0

170 24.3 18.7 28.1



#46

1,1'-Biphenyl

Concen: 49.183 ng

RT: 13.322 min Scan# 1742

Delta R.T. -0.001 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

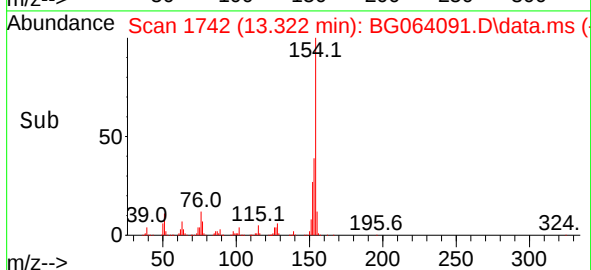
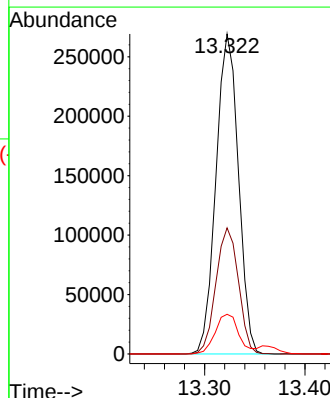
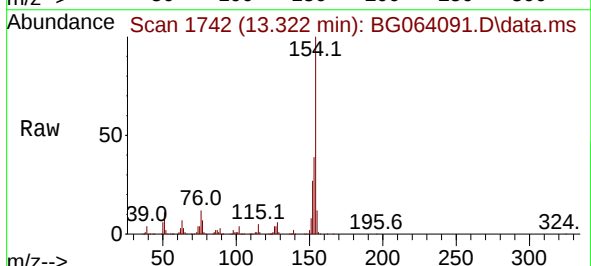
Tgt Ion:154 Resp: 417546

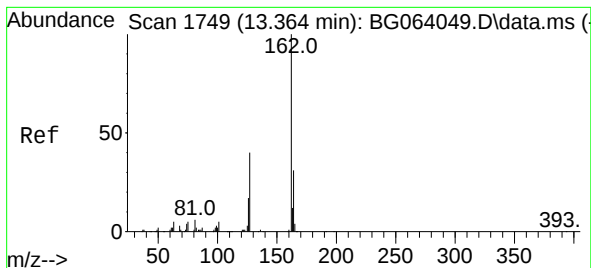
Ion Ratio Lower Upper

154 100

153 39.4 19.5 59.5

76 12.4 0.0 33.5





#47

2-Chloronaphthalene

Concen: 44.656 ng

RT: 13.364 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

Instrument :

BNA_G

ClientSampleId :

VNJ-241MS

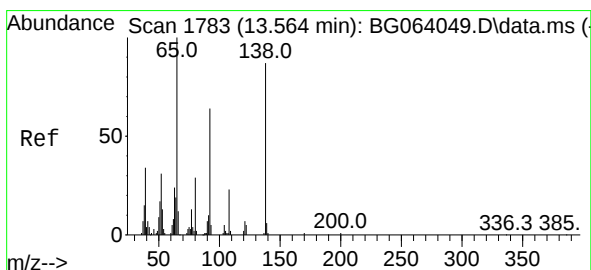
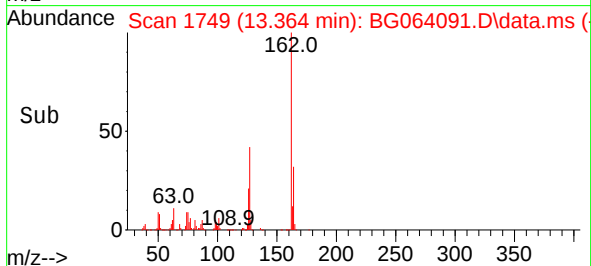
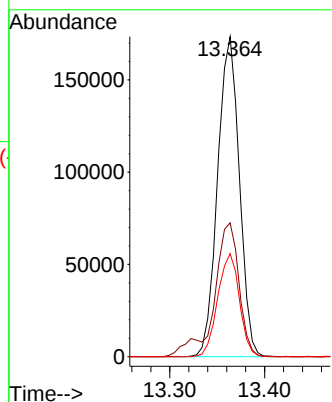
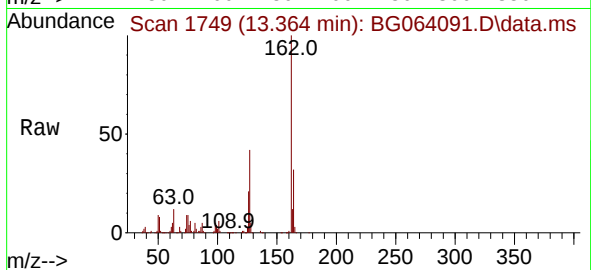
Tgt Ion:162 Resp: 276497

Ion Ratio Lower Upper

162 100

127 41.8 35.0 52.4

164 32.2 25.0 37.6



#48

2-Nitroaniline

Concen: 48.612 ng

RT: 13.557 min Scan# 1782

Delta R.T. -0.007 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

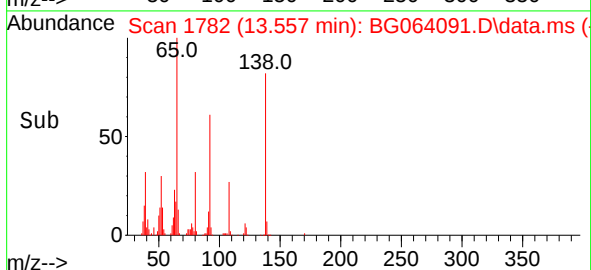
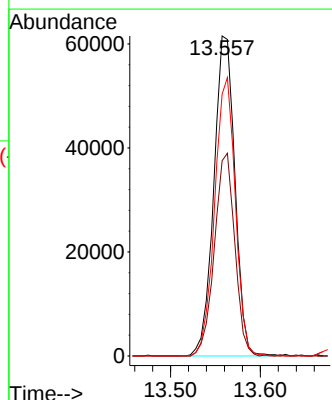
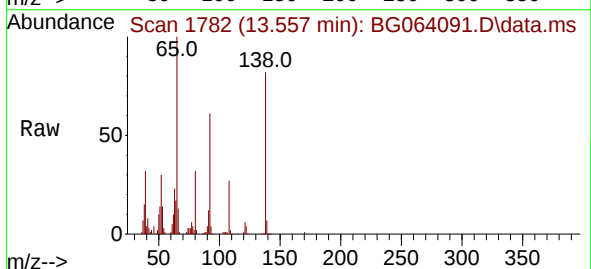
Tgt Ion: 65 Resp: 100198

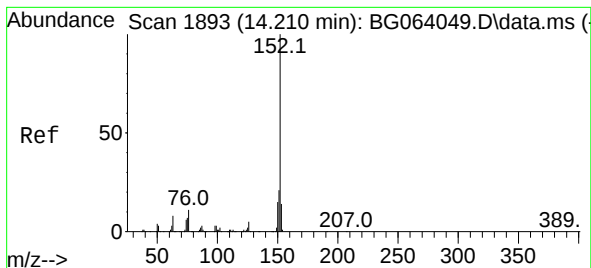
Ion Ratio Lower Upper

65 100

92 61.0 51.2 76.8

138 81.8 69.4 104.2





#49

Acenaphthylene

Concen: 46.517 ng

RT: 14.210 min Scan# 1893

Delta R.T. -0.001 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

Instrument :

BNA_G

ClientSampleId :

VNJ-241MS

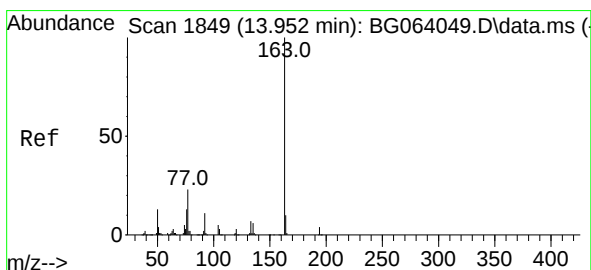
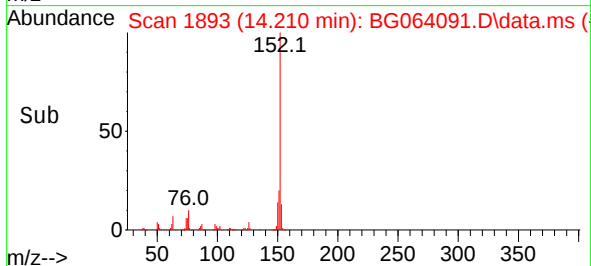
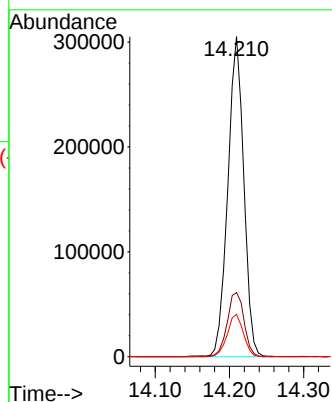
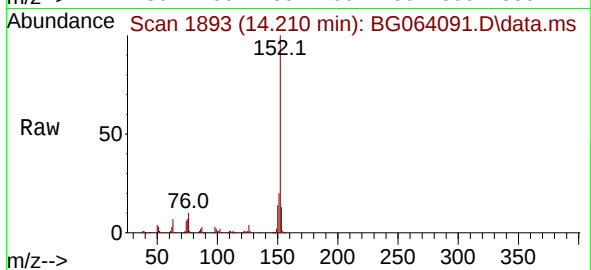
Tgt Ion:152 Resp: 455574

Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6

153 13.3 10.9 16.3



#50

Dimethylphthalate

Concen: 41.985 ng

RT: 13.951 min Scan# 1849

Delta R.T. -0.001 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

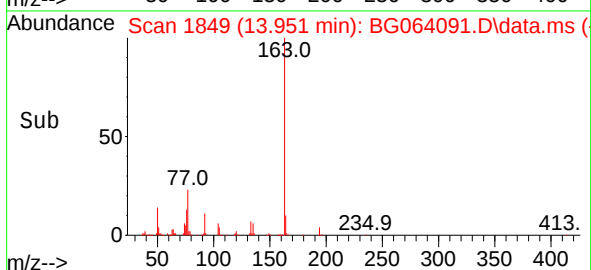
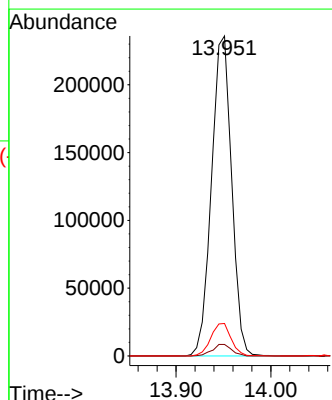
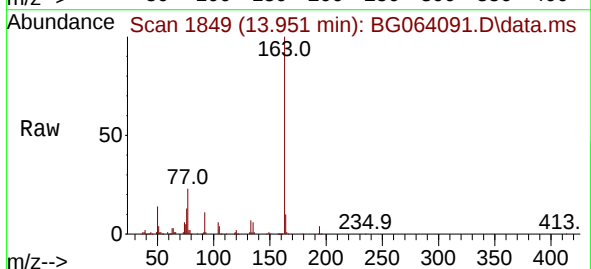
Tgt Ion:163 Resp: 348262

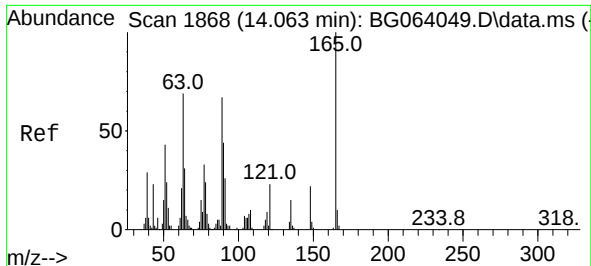
Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

164 10.2 8.2 12.2

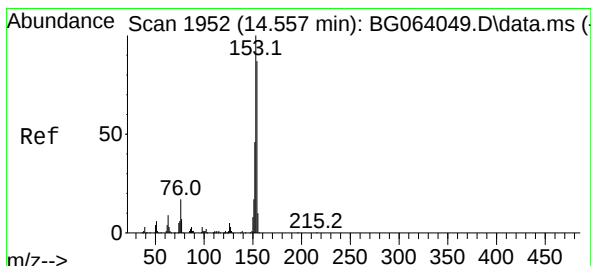
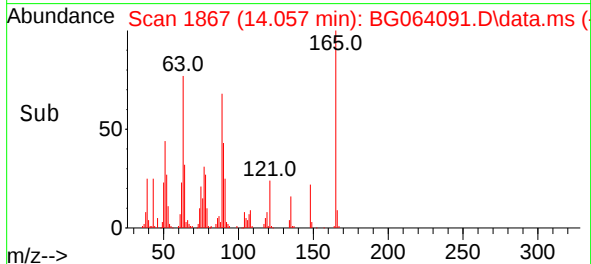
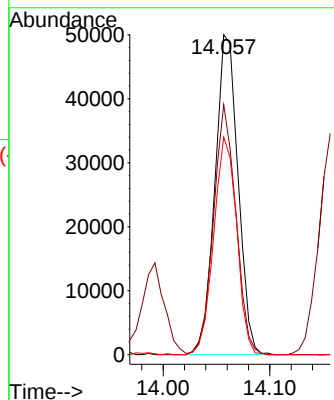
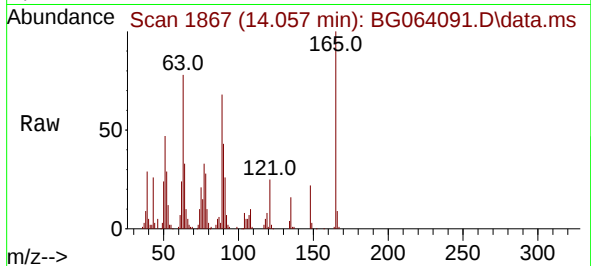




#51
2,6-Dinitrotoluene
Concen: 44.929 ng
RT: 14.057 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

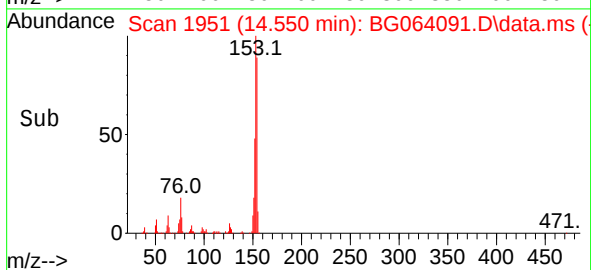
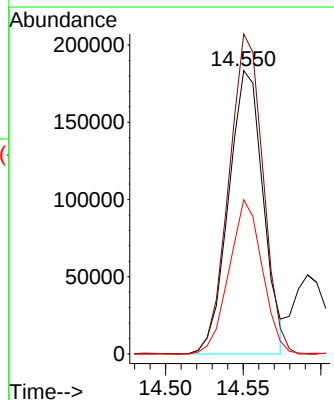
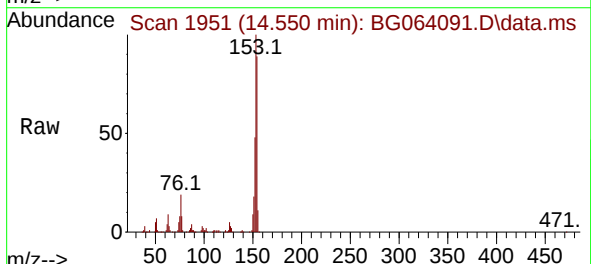
Instrument :
BNA_G
ClientSampleId :
VNJ-241MS

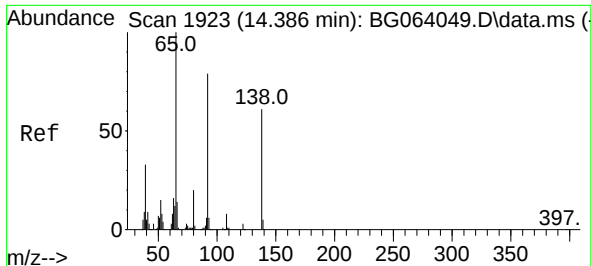
Tgt Ion:165 Resp: 75218
Ion Ratio Lower Upper
165 100
63 78.1 56.7 85.1
89 68.0 53.7 80.5



#52
Acenaphthene
Concen: 43.257 ng
RT: 14.550 min Scan# 1951
Delta R.T. -0.007 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

Tgt Ion:154 Resp: 284311
Ion Ratio Lower Upper
154 100
153 112.9 91.6 137.4
152 54.4 42.5 63.7

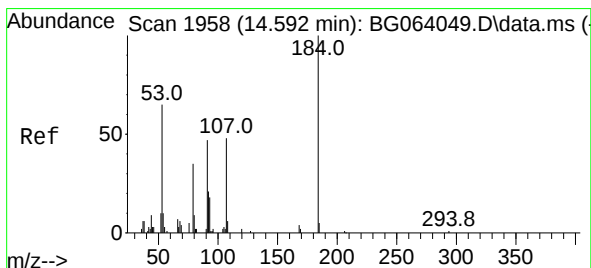
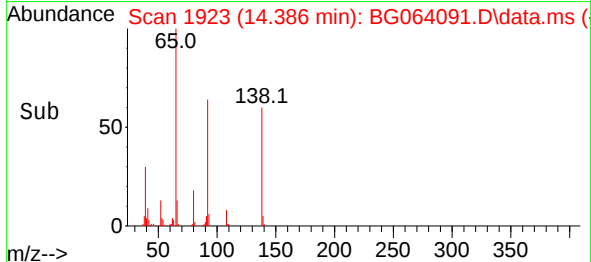
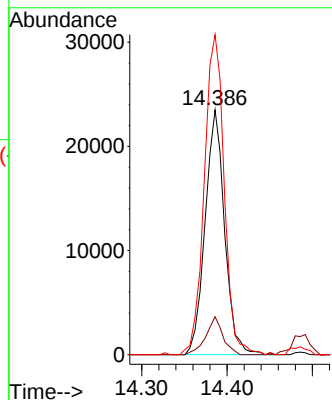
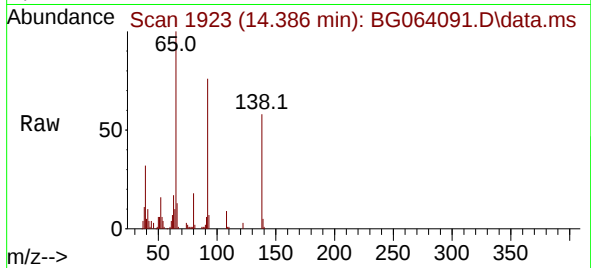




#53
3-Nitroaniline
Concen: 23.295 ng
RT: 14.386 min Scan# 1923
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

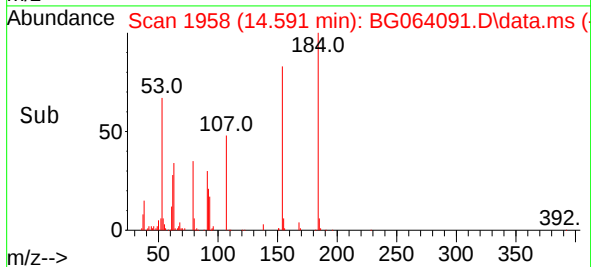
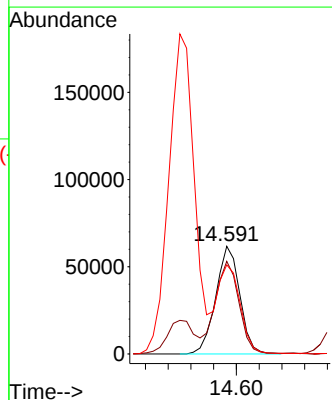
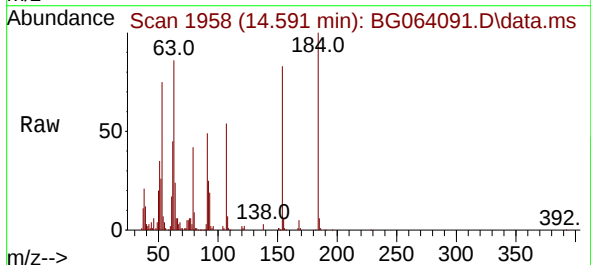
Instrument :
BNA_G
ClientSampleId :
VNJ-241MS

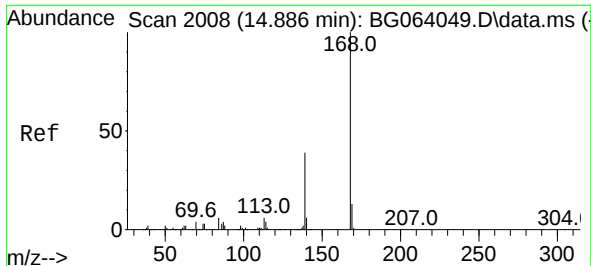
Tgt Ion:138 Resp: 37345
Ion Ratio Lower Upper
138 100
108 15.5 10.1 15.1#
92 130.7 104.1 156.1



#54
2,4-Dinitrophenol
Concen: 124.095 ng
RT: 14.591 min Scan# 1958
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

Tgt Ion:184 Resp: 90449
Ion Ratio Lower Upper
184 100
63 86.0 57.5 86.3
154 82.8 52.3 78.5#

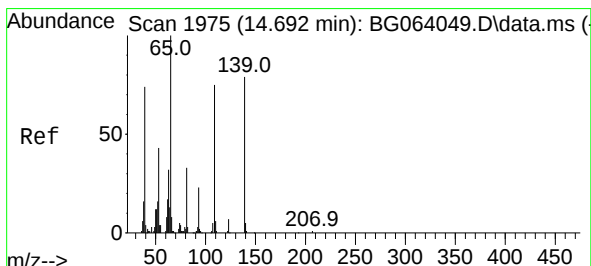
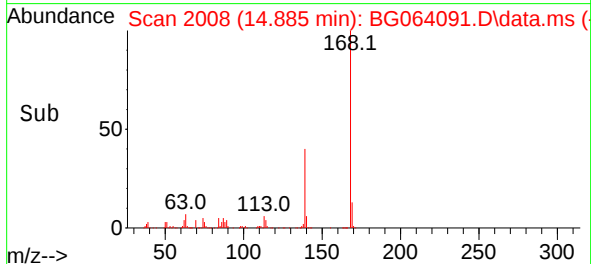
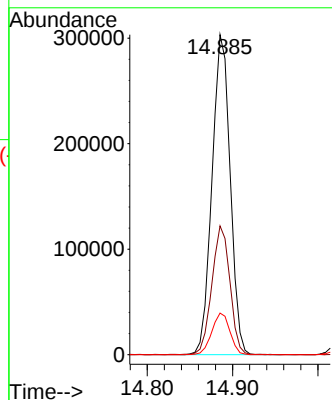
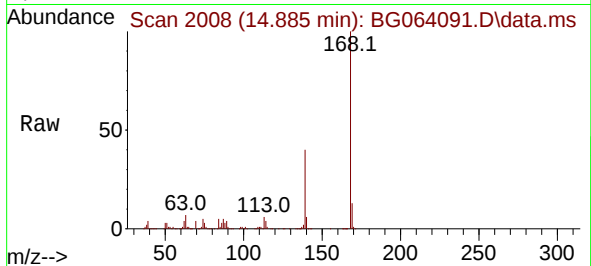




#55
Dibenzofuran
Concen: 42.114 ng
RT: 14.885 min Scan# 2008
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

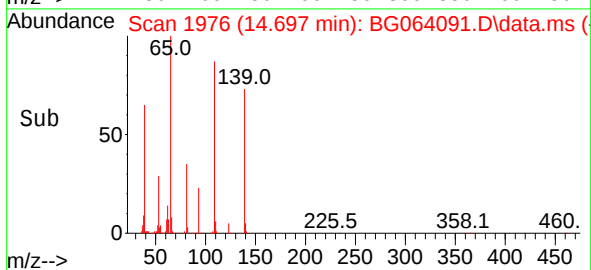
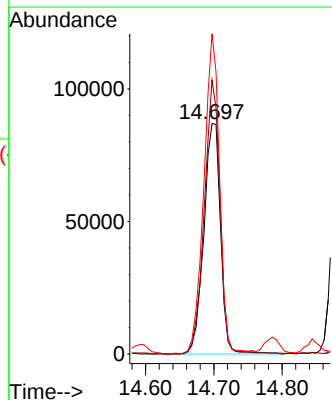
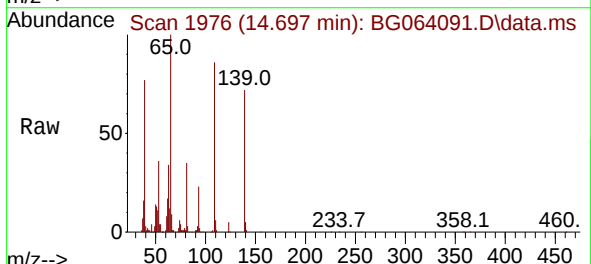
Instrument :
BNA_G
ClientSampleId :
VNJ-241MS

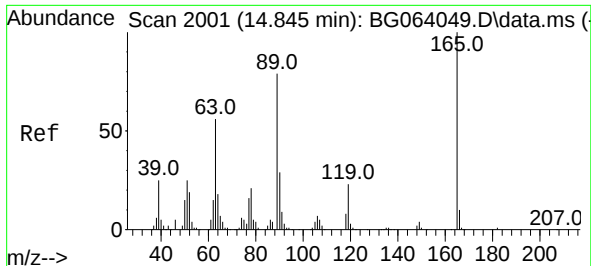
Tgt Ion:168 Resp: 448409
Ion Ratio Lower Upper
168 100
139 40.3 31.1 46.7
169 13.0 10.5 15.7



#56
4-Nitrophenol
Concen: 110.035 ng
RT: 14.697 min Scan# 1976
Delta R.T. 0.005 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

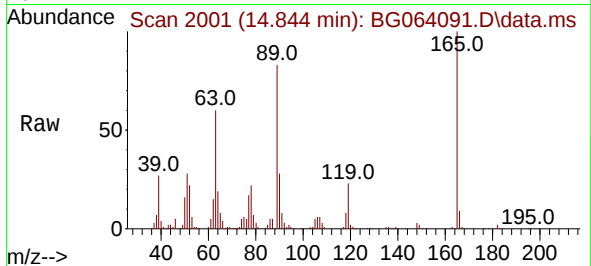
Tgt Ion:139 Resp: 147946
Ion Ratio Lower Upper
139 100
109 118.9 74.9 114.9#
65 138.9 106.8 146.8



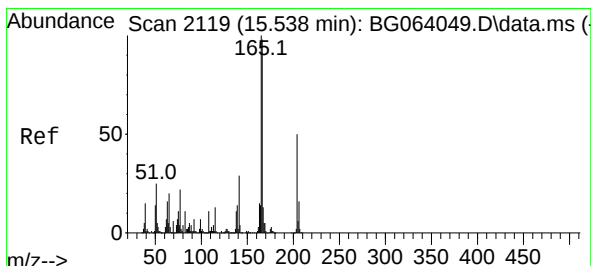
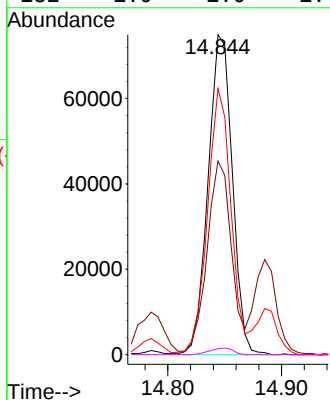
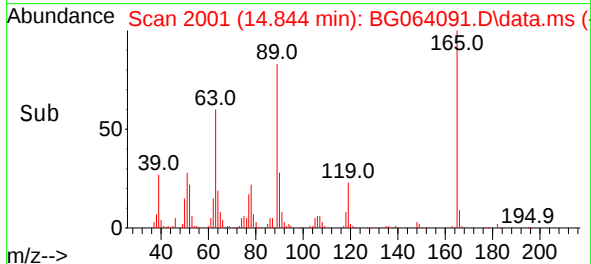


#57
2,4-Dinitrotoluene
Concen: 47.837 ng
RT: 14.844 min Scan# 2001
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

Instrument :
BNA_G
ClientSampleId :
VNJ-241MS

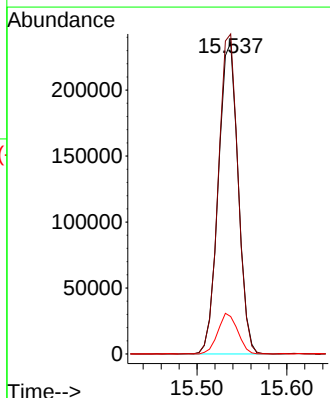
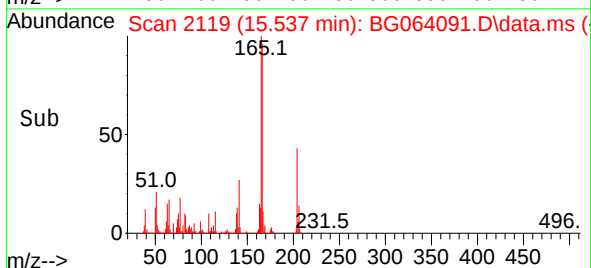
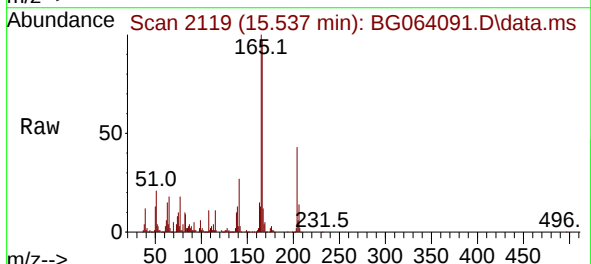


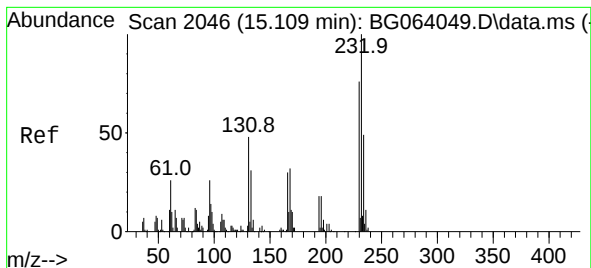
Tgt Ion:165 Resp: 111043
Ion Ratio Lower Upper
165 100
63 60.5 45.0 67.6
89 83.1 63.1 94.7
182 1.9 1.0 1.4#



#58
Fluorene
Concen: 43.483 ng
RT: 15.537 min Scan# 2119
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

Tgt Ion:166 Resp: 360603
Ion Ratio Lower Upper
166 100
165 102.8 81.8 122.8
167 12.1 10.8 16.2



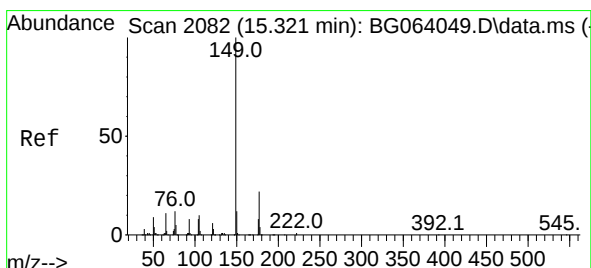
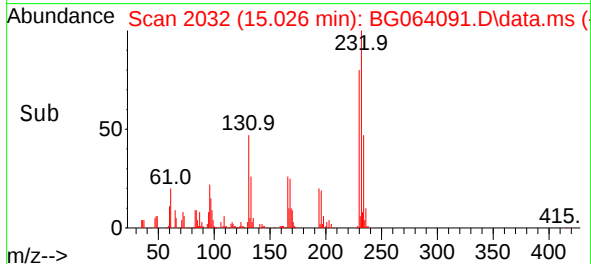
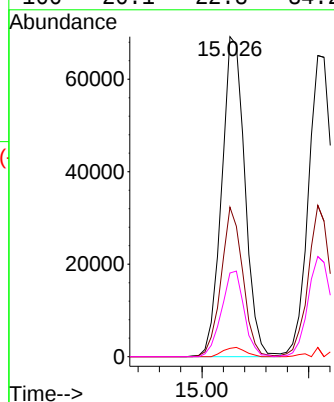
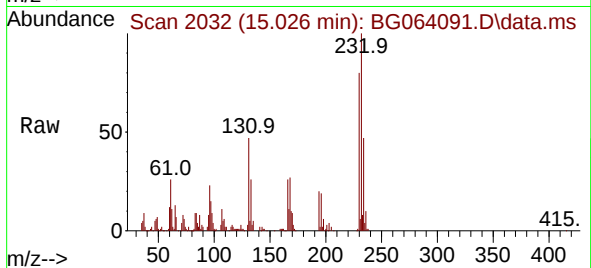


#59
2,3,4,6-Tetrachlorophenol
Concen: 50.943 ng
RT: 15.026 min Scan# 2032
Delta R.T. -0.083 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

Instrument :
BNA_G
ClientSampleId :
VNJ-241MS

Tgt Ion:232 Resp: 104337

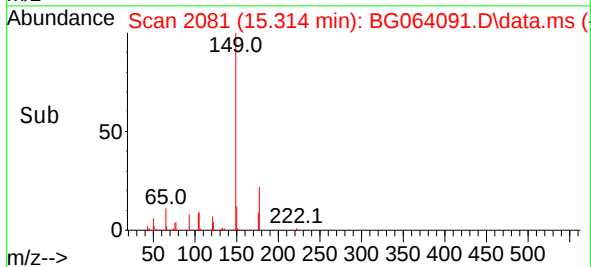
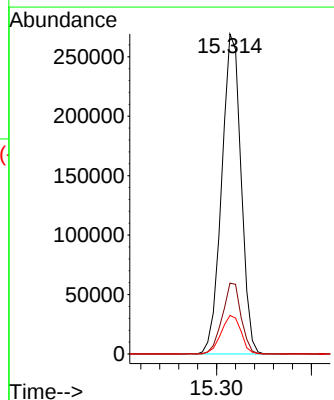
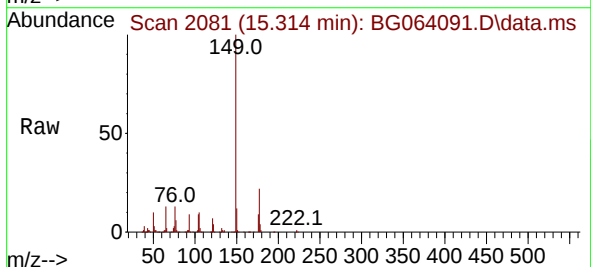
Ion	Ratio	Lower	Upper
232	100		
131	43.5	36.3	54.5
130	2.8	1.9	2.9
166	26.1	22.8	34.2

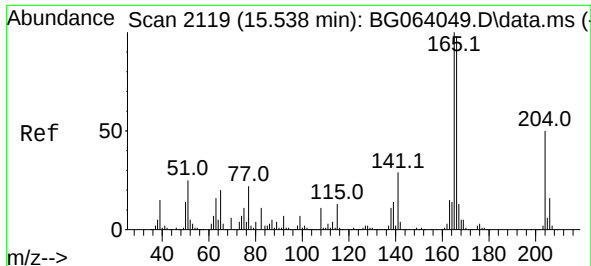


#60
Diethylphthalate
Concen: 42.384 ng
RT: 15.314 min Scan# 2081
Delta R.T. -0.007 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

Tgt Ion:149 Resp: 381664

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.4	26.2
150	12.0	9.4	14.2

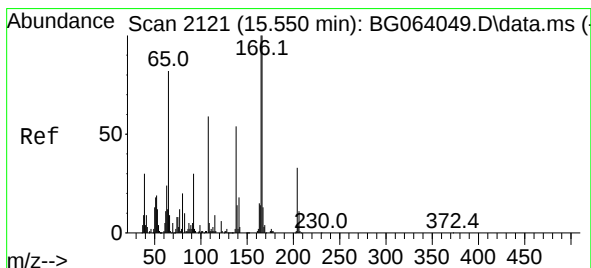
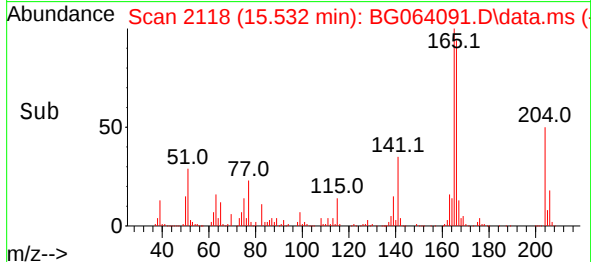
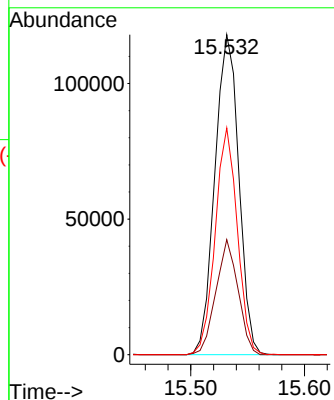
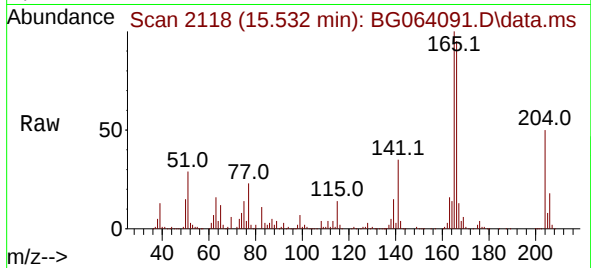




#61
4-Chlorophenyl-phenylether
Concen: 41.830 ng
RT: 15.532 min Scan# 2119
Delta R.T. -0.007 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

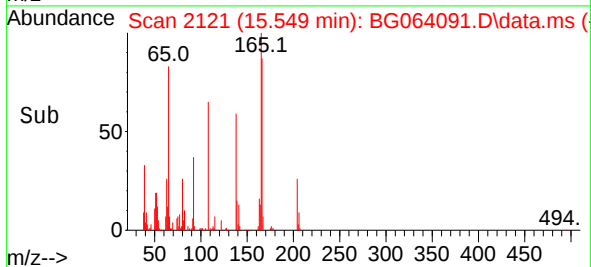
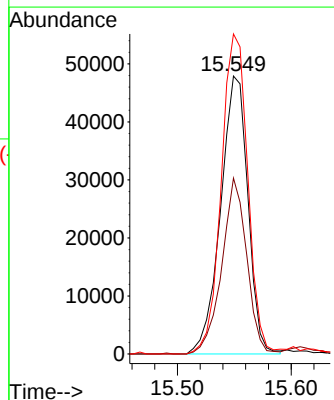
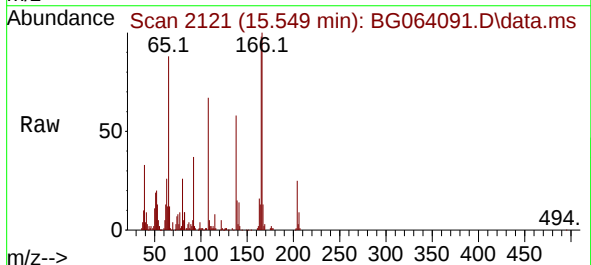
Instrument :
BNA_G
ClientSampleId :
VNJ-241MS

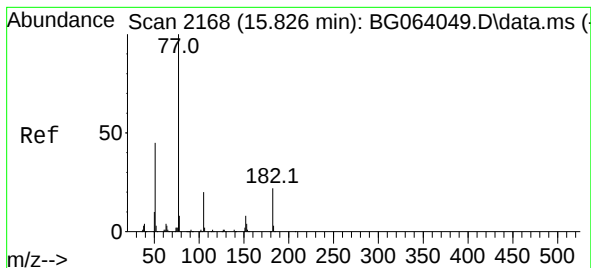
Tgt Ion:204 Resp: 172383
Ion Ratio Lower Upper
204 100
206 36.0 25.5 38.3
141 70.9 45.4 68.0#



#62
4-Nitroaniline
Concen: 46.096 ng
RT: 15.549 min Scan# 2121
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

Tgt Ion:138 Resp: 79784
Ion Ratio Lower Upper
138 100
92 63.3 36.1 76.1
108 115.2 87.9 127.9





#63

Azobenzene

Concen: 43.614 ng

RT: 15.825 min Scan# 2168

Delta R.T. -0.001 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

Instrument :

BNA_G

ClientSampleId :

VNJ-241MS

Tgt Ion: 77 Resp: 419093

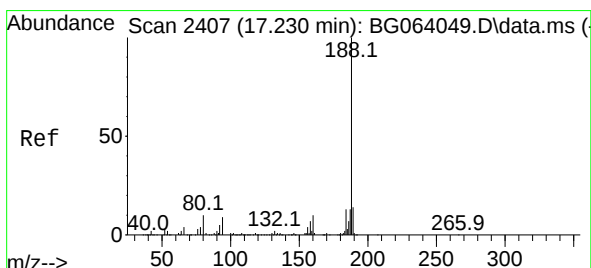
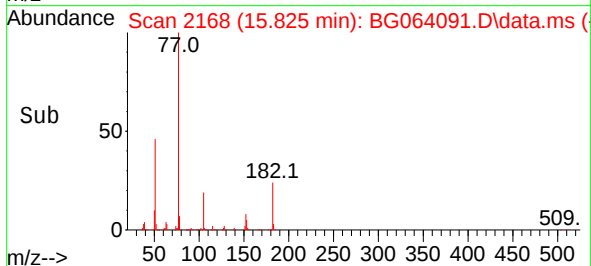
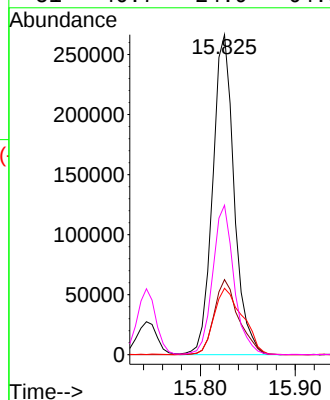
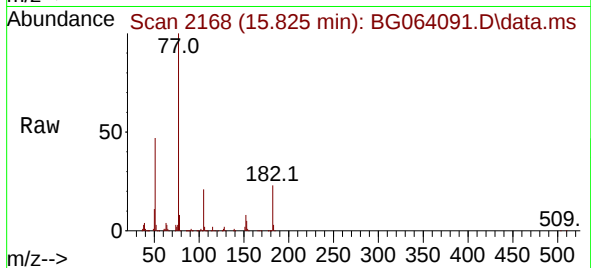
Ion Ratio Lower Upper

77 100

182 23.5 2.4 42.4

105 20.7 0.0 40.0

51 46.7 24.9 64.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.230 min Scan# 2407

Delta R.T. -0.000 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

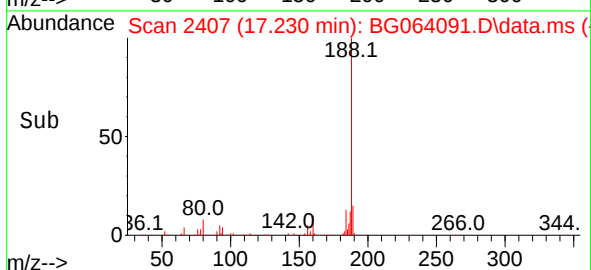
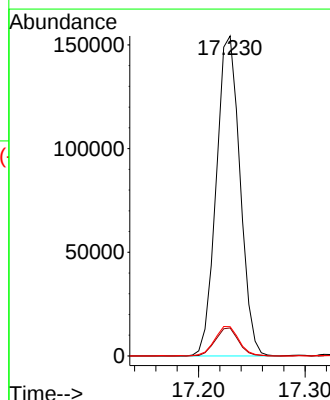
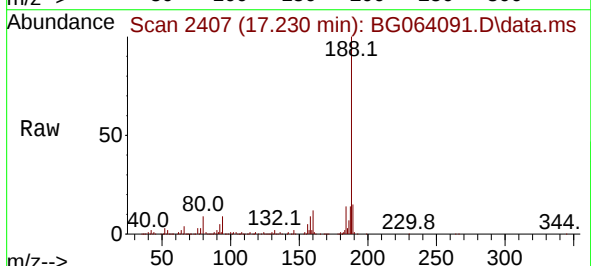
Tgt Ion:188 Resp: 238184

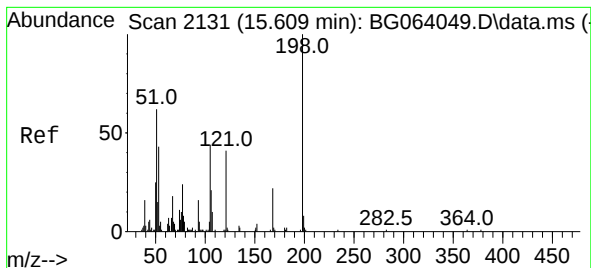
Ion Ratio Lower Upper

188 100

94 8.8 6.9 10.3

80 9.2 8.1 12.1

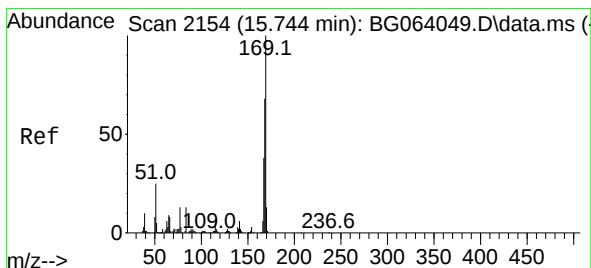
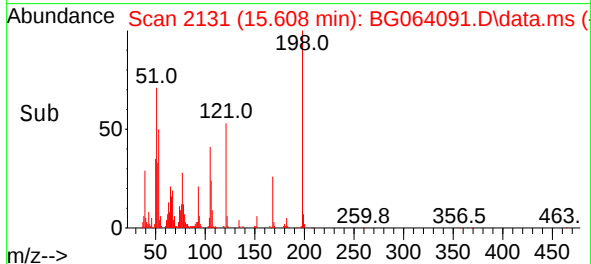
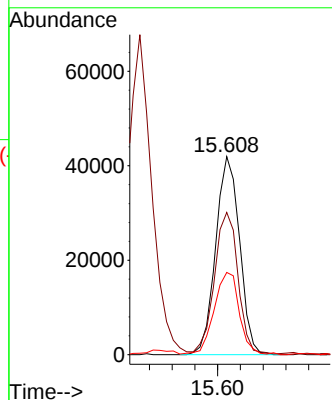
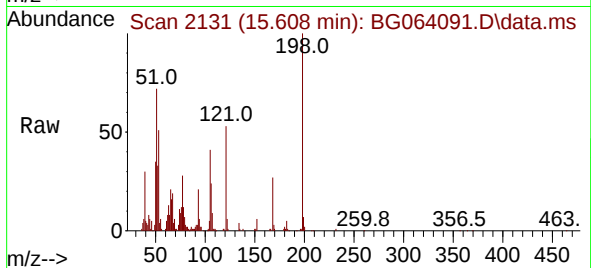




#65
4,6-Dinitro-2-methylphenol
Concen: 57.508 ng
RT: 15.608 min Scan# 2131
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

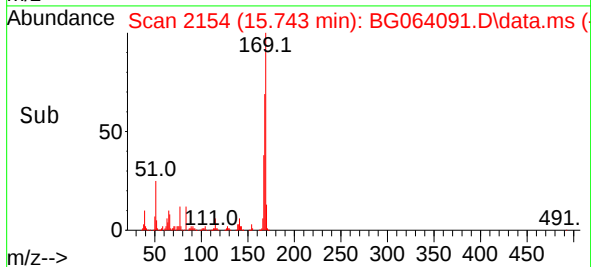
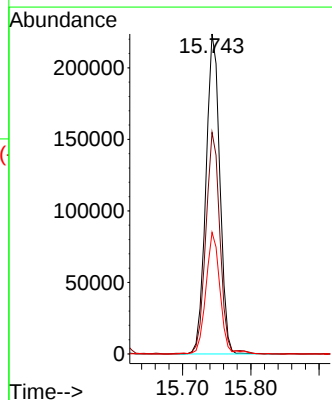
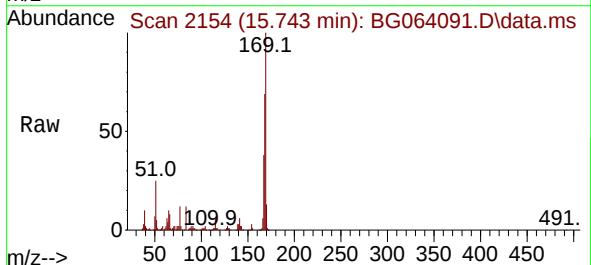
Instrument :
BNA_G
ClientSampleId :
VNJ-241MS

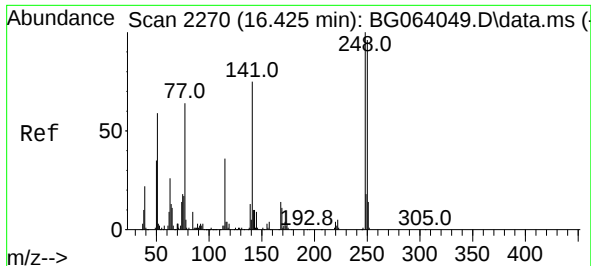
Tgt Ion:198 Resp: 61184
Ion Ratio Lower Upper
198 100
51 71.8 45.6 85.6
105 41.5 25.3 65.3



#66
n-Nitrosodiphenylamine
Concen: 47.070 ng
RT: 15.743 min Scan# 2154
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

Tgt Ion:169 Resp: 317353
Ion Ratio Lower Upper
169 100
168 69.2 54.1 81.1
167 38.0 30.3 45.5

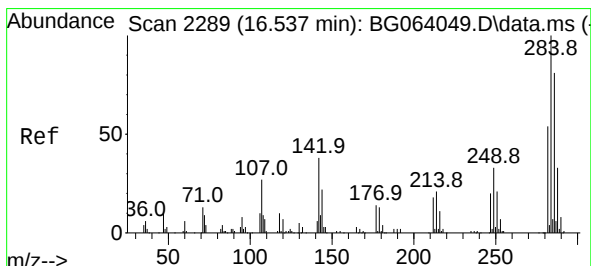
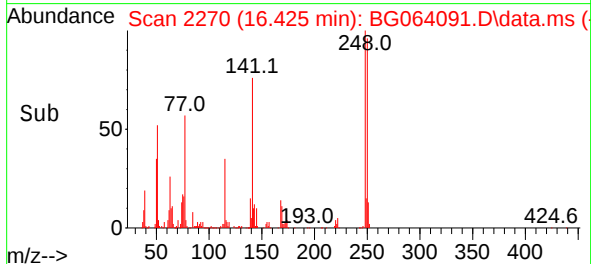
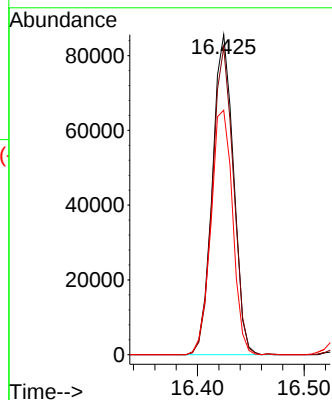
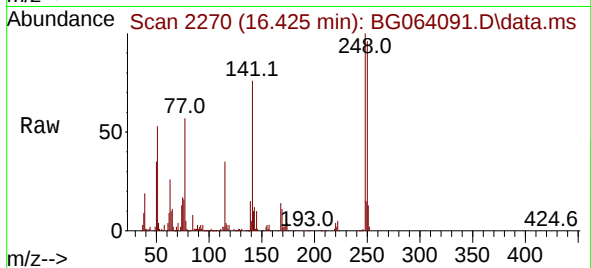




#67
4-Bromophenyl-phenylether
Concen: 48.320 ng
RT: 16.425 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

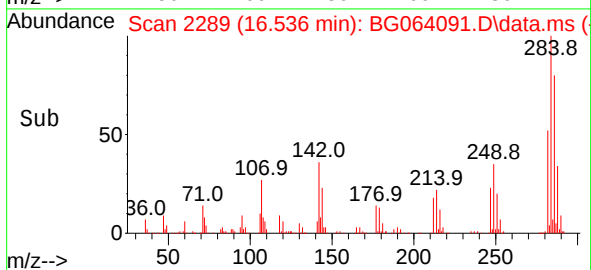
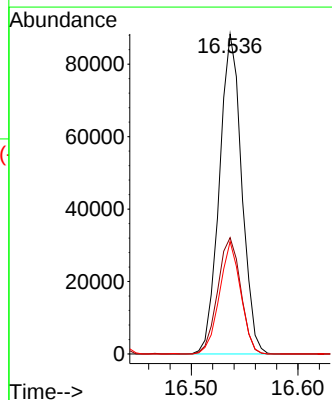
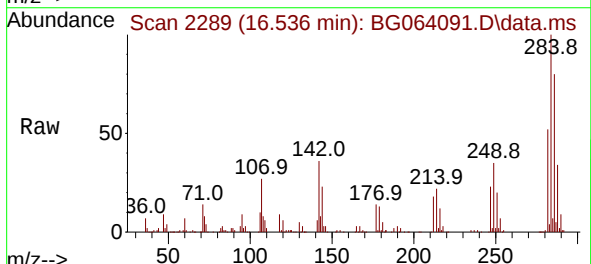
Instrument :
BNA_G
ClientSampleId :
VNJ-241MS

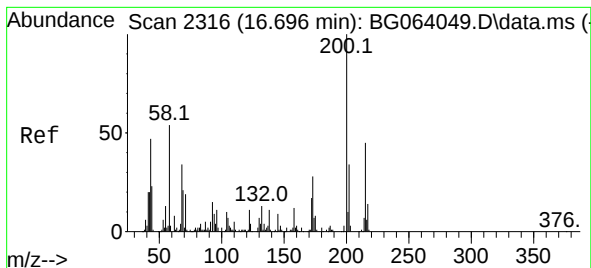
Tgt Ion:248 Resp: 117875
Ion Ratio Lower Upper
248 100
250 96.1 77.1 115.7
141 76.4 59.8 89.8



#68
Hexachlorobenzene
Concen: 46.992 ng
RT: 16.536 min Scan# 2289
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

Tgt Ion:284 Resp: 128338
Ion Ratio Lower Upper
284 100
142 36.4 30.6 45.8
249 35.1 26.6 39.8





#69

Atrazine

Concen: 71.817 ng

RT: 16.695 min Scan# 2316

Delta R.T. -0.001 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

Instrument :

BNA_G

ClientSampleId :

VNJ-241MS

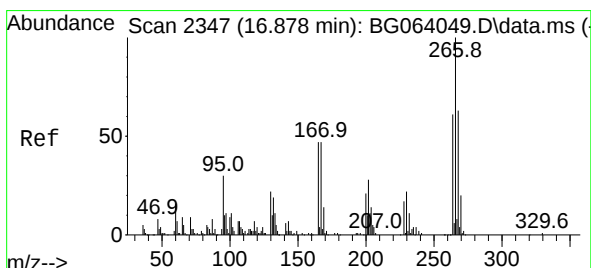
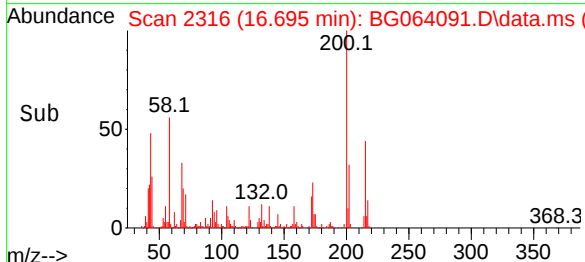
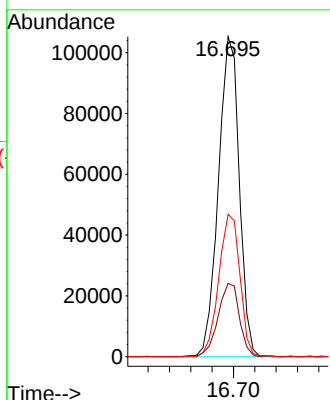
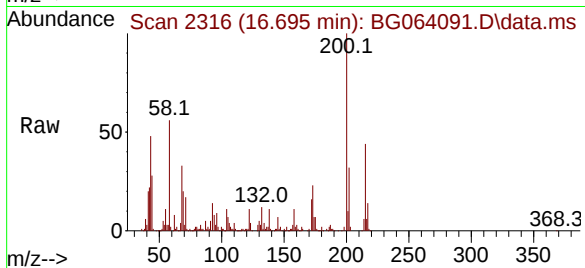
Tgt Ion:200 Resp: 142465

Ion Ratio Lower Upper

200 100

173 22.9 8.2 48.2

215 44.5 25.5 65.5



#70

Pentachlorophenol

Concen: 109.770 ng

RT: 16.877 min Scan# 2347

Delta R.T. -0.001 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

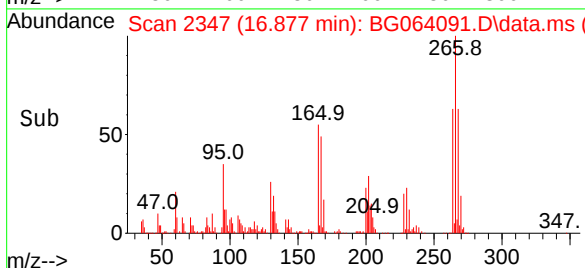
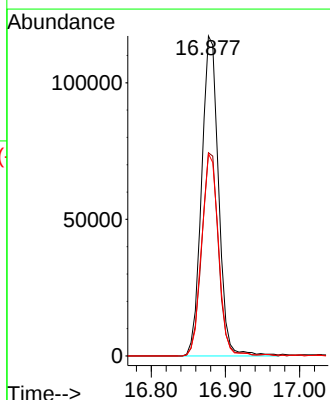
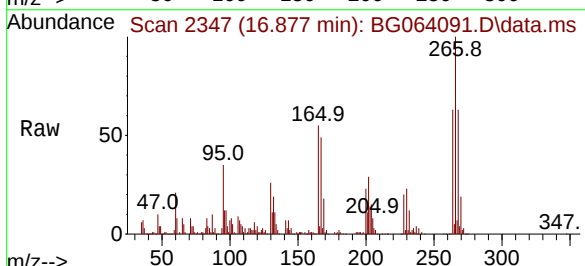
Tgt Ion:266 Resp: 186136

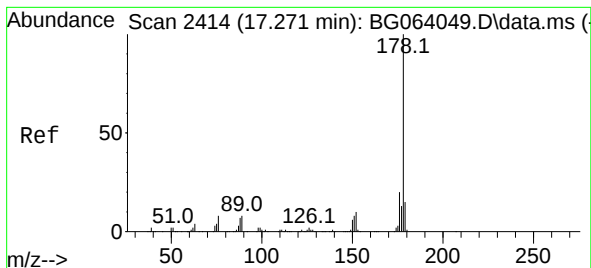
Ion Ratio Lower Upper

266 100

268 63.5 50.2 75.4

264 63.2 48.9 73.3





#71

Phenanthrene

Concen: 53.888 ng

RT: 17.271 min Scan# 2414

Delta R.T. -0.001 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

Instrument :

BNA_G

ClientSampleId :

VNJ-241MS

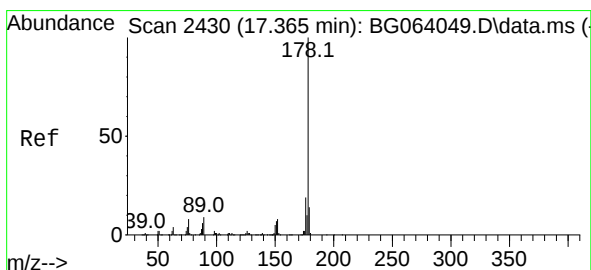
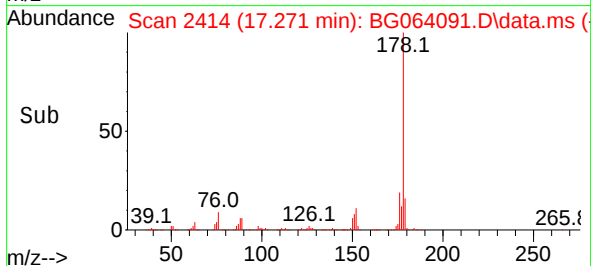
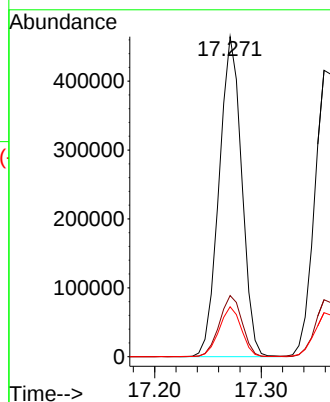
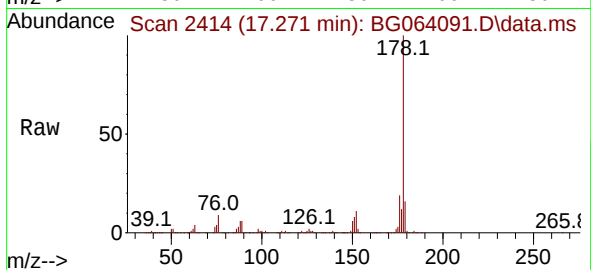
Tgt Ion:178 Resp: 684606

Ion Ratio Lower Upper

178 100

176 19.1 15.9 23.9

179 15.6 12.2 18.2



#72

Anthracene

Concen: 48.921 ng

RT: 17.359 min Scan# 2429

Delta R.T. -0.007 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

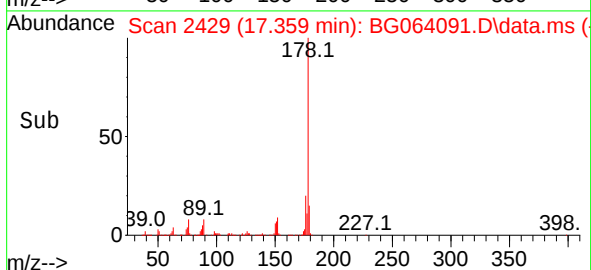
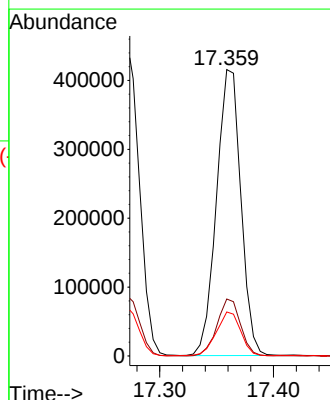
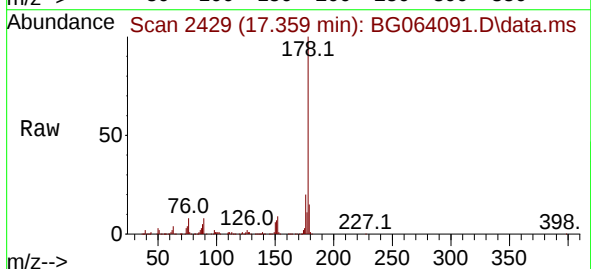
Tgt Ion:178 Resp: 617998

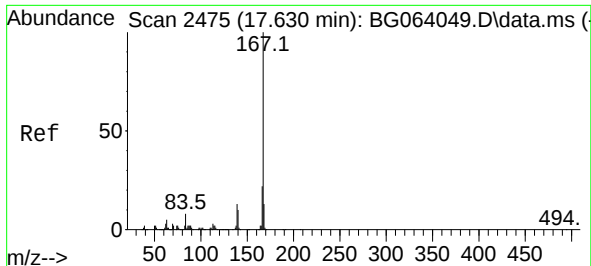
Ion Ratio Lower Upper

178 100

176 19.9 14.8 22.2

179 15.4 11.5 17.3

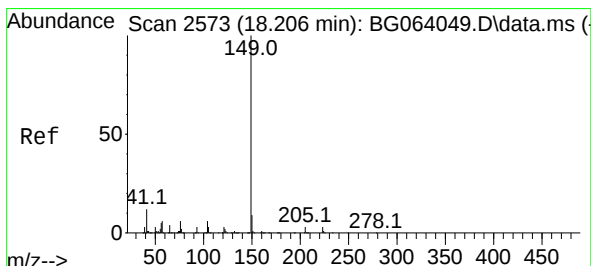
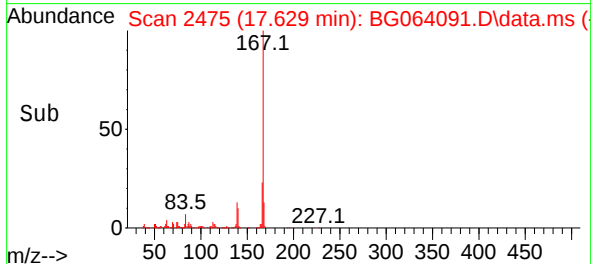
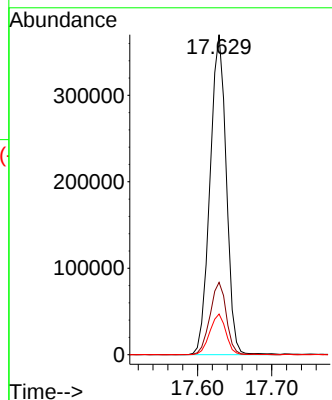
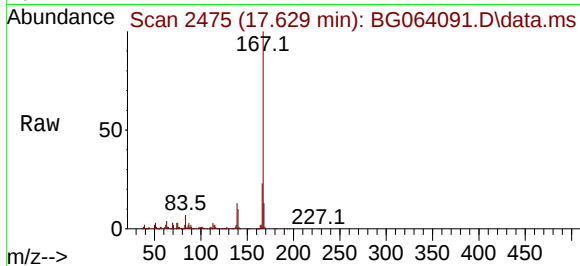




#73
 Carbazole
 Concen: 47.763 ng
 RT: 17.629 min Scan# 2475
 Delta R.T. -0.001 min
 Lab File: BG064091.D
 Acq: 11 Mar 2025 11:54

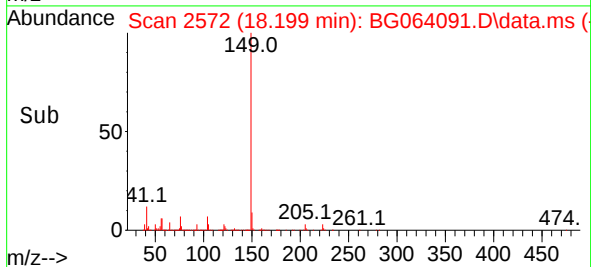
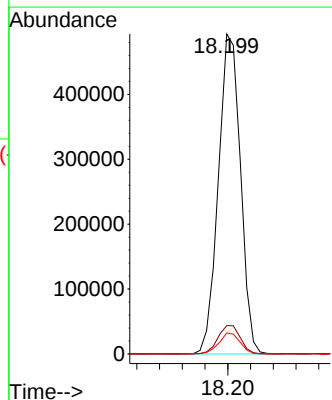
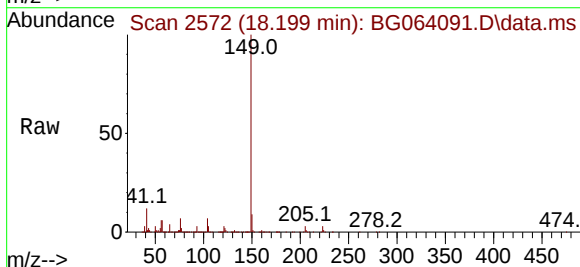
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-241MS

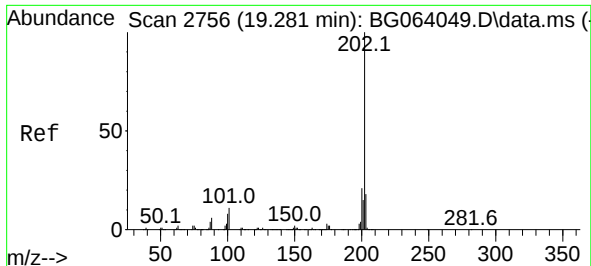
Tgt Ion:167 Resp: 563342
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.0 27.0
 139 12.7 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 48.020 ng
 RT: 18.199 min Scan# 2572
 Delta R.T. -0.007 min
 Lab File: BG064091.D
 Acq: 11 Mar 2025 11:54

Tgt Ion:149 Resp: 666674
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.4 11.0
 104 6.6 5.0 7.6

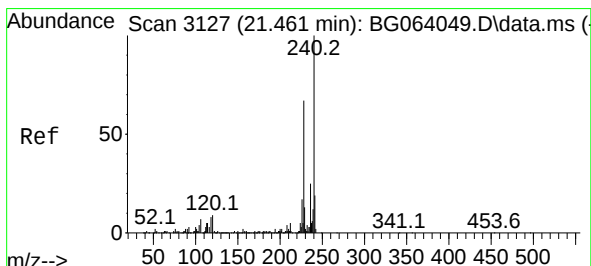
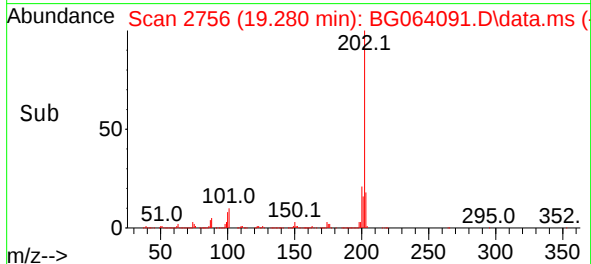
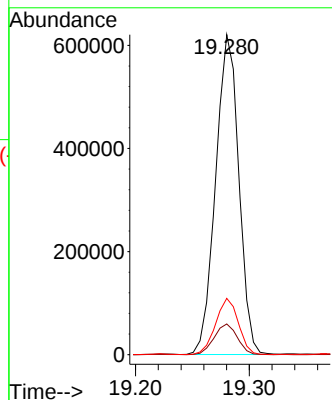
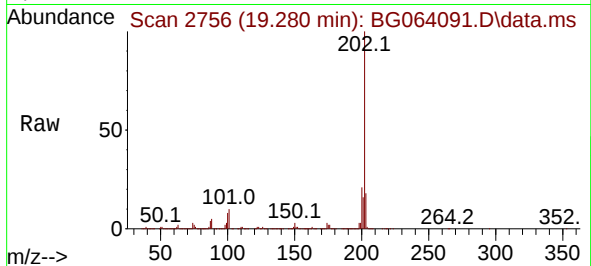




#75
Fluoranthene
Concen: 57.530 ng
RT: 19.280 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

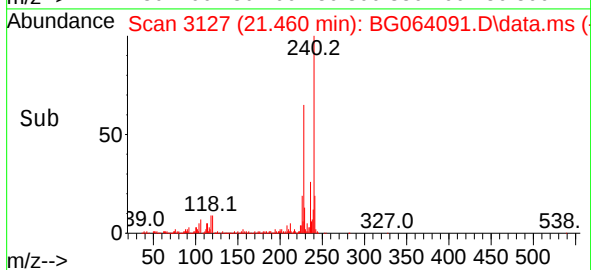
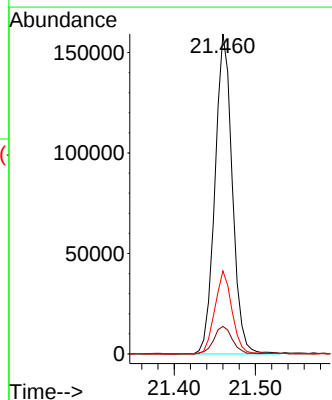
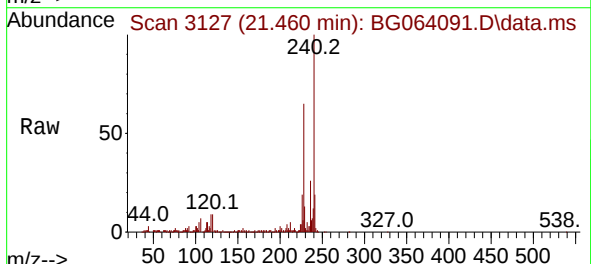
Instrument :
BNA_G
ClientSampleId :
VNJ-241MS

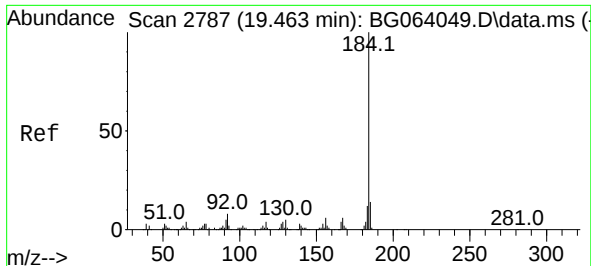
Tgt Ion:202 Resp: 881117
Ion Ratio Lower Upper
202 100
101 9.6 0.0 30.5
203 17.6 0.0 38.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.460 min Scan# 3127
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

Tgt Ion:240 Resp: 235742
Ion Ratio Lower Upper
240 100
120 8.6 7.2 10.8
236 25.9 20.2 30.2

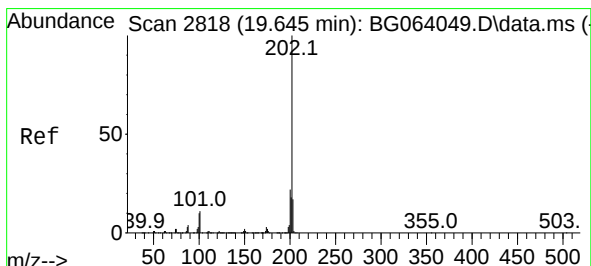
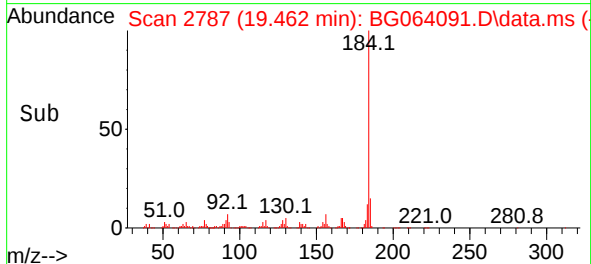
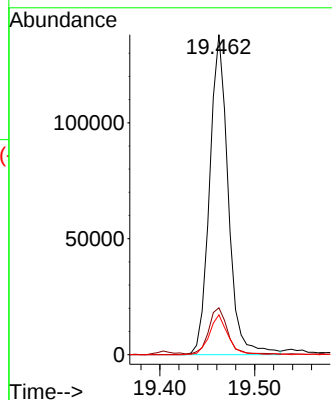
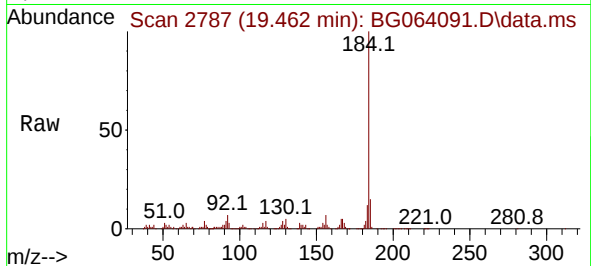




#77
Benzidine
Concen: 57.615 ng
RT: 19.462 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

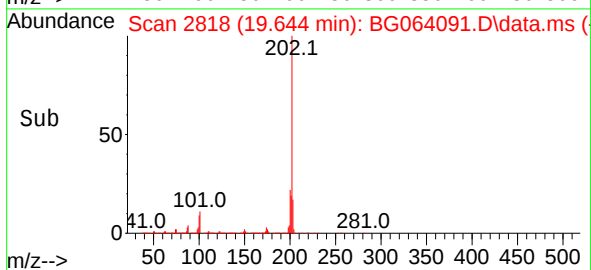
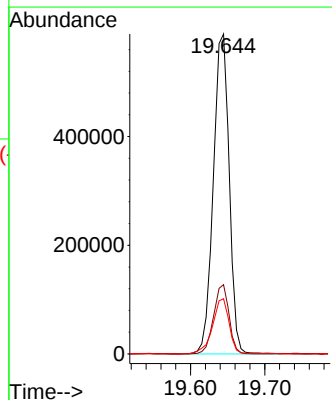
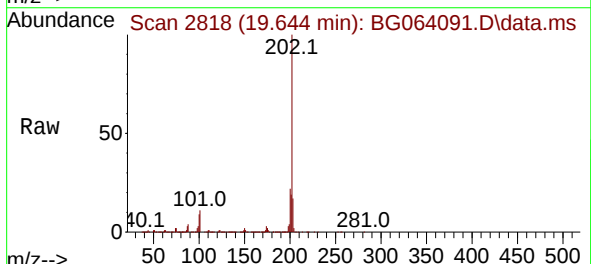
Instrument :
BNA_G
ClientSampleId :
VNJ-241MS

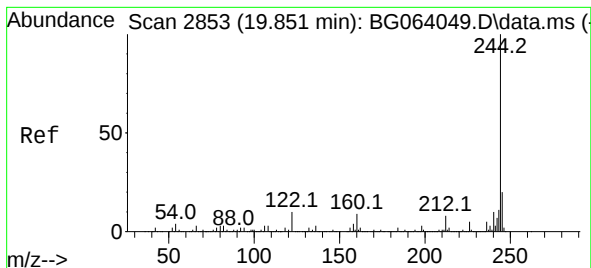
Tgt Ion:184 Resp: 188076
Ion Ratio Lower Upper
184 100
185 14.7 11.3 16.9
183 12.4 9.5 14.3



#78
Pyrene
Concen: 57.620 ng
RT: 19.644 min Scan# 2818
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

Tgt Ion:202 Resp: 875616
Ion Ratio Lower Upper
202 100
200 21.6 17.3 25.9
203 17.2 13.6 20.4





#79

Terphenyl-d14

Concen: 74.070 ng

RT: 19.850 min Scan# 2853

Delta R.T. -0.001 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

Instrument :

BNA_G

ClientSampleId :

VNJ-241MS

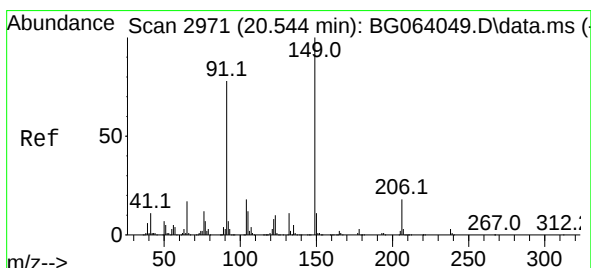
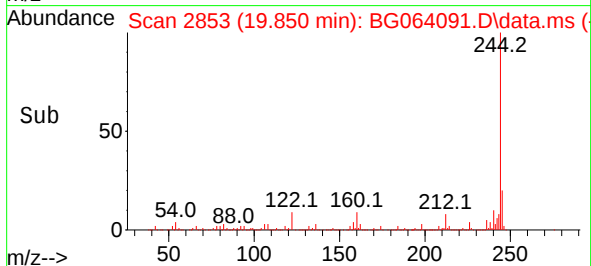
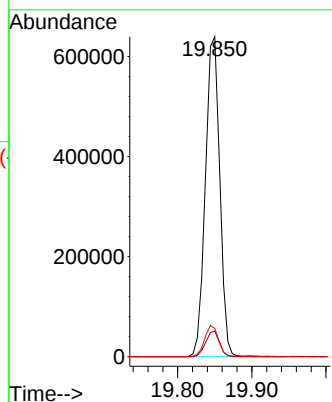
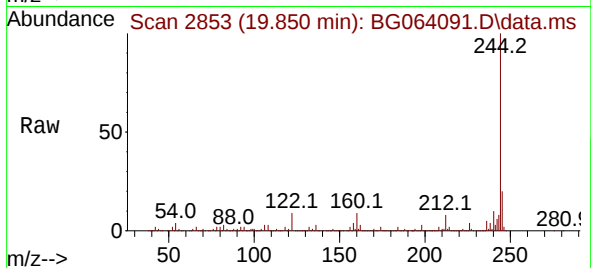
Tgt Ion:244 Resp: 863576

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.4

122 8.8 8.0 12.0



#80

Butylbenzylphthalate

Concen: 51.510 ng

RT: 20.543 min Scan# 2971

Delta R.T. -0.001 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

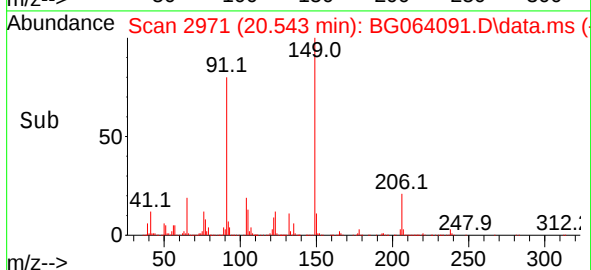
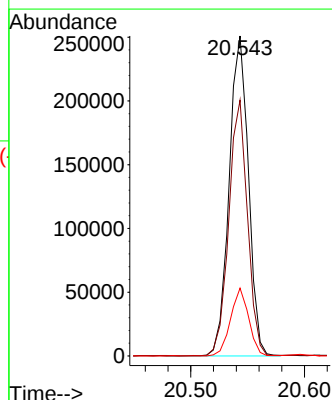
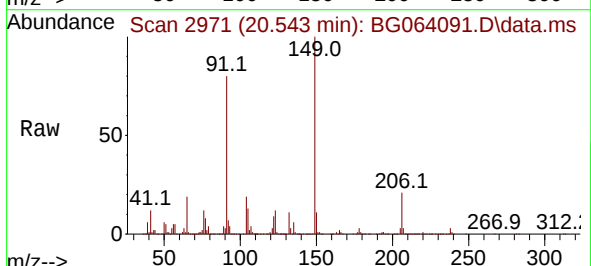
Tgt Ion:149 Resp: 295368

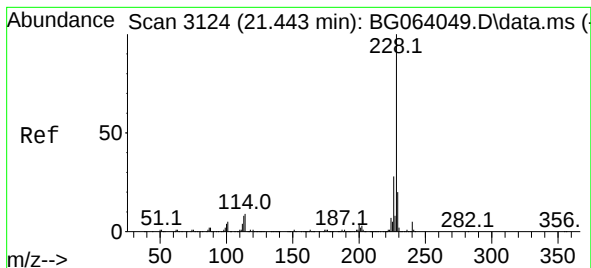
Ion Ratio Lower Upper

149 100

91 79.9 62.0 93.0

206 21.2 14.6 21.8





#81

Benzo(a)anthracene

Concen: 51.675 ng

RT: 21.442 min Scan# 3124

Delta R.T. -0.001 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

Instrument :

BNA_G

ClientSampleId :

VNJ-241MS

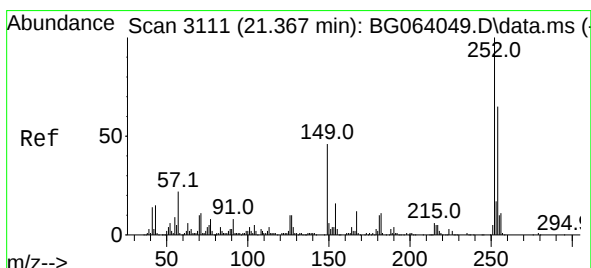
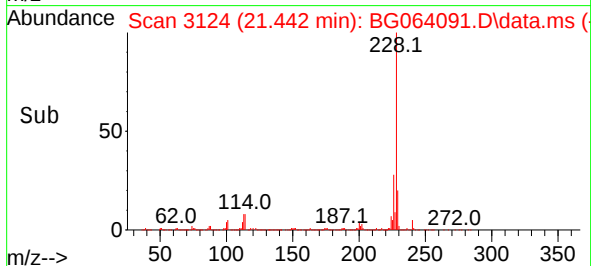
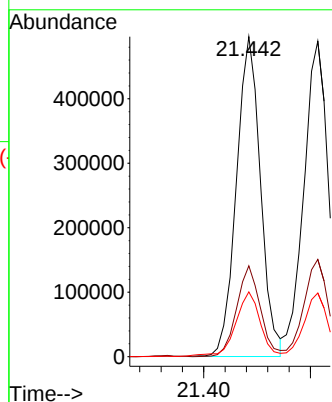
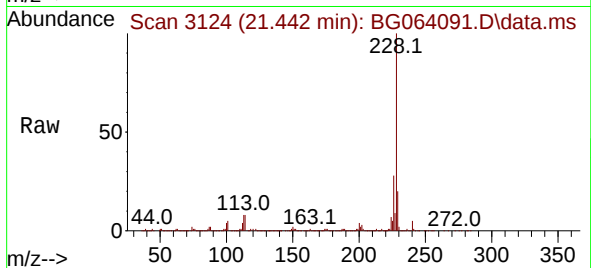
Tgt Ion:228 Resp: 780343

Ion Ratio Lower Upper

228 100

226 28.4 22.2 33.2

229 20.3 16.4 24.6



#82

3,3'-Dichlorobenzidine

Concen: 24.371 ng

RT: 21.360 min Scan# 3110

Delta R.T. -0.007 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

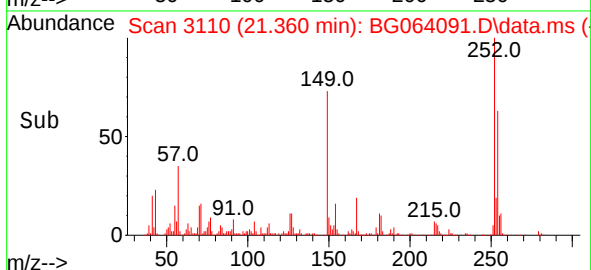
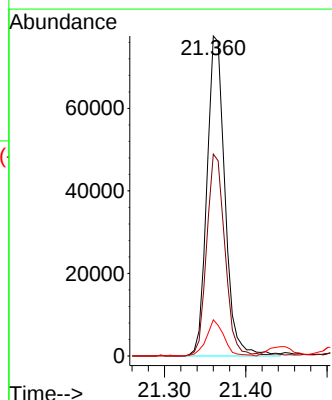
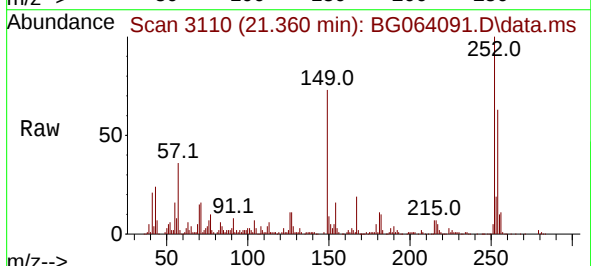
Tgt Ion:252 Resp: 119108

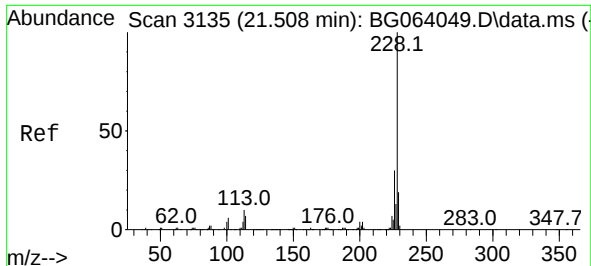
Ion Ratio Lower Upper

252 100

254 63.1 52.1 78.1

126 11.3 7.8 11.8

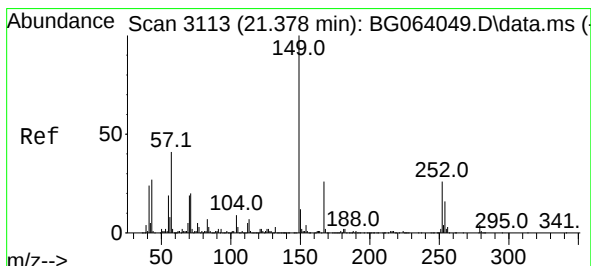
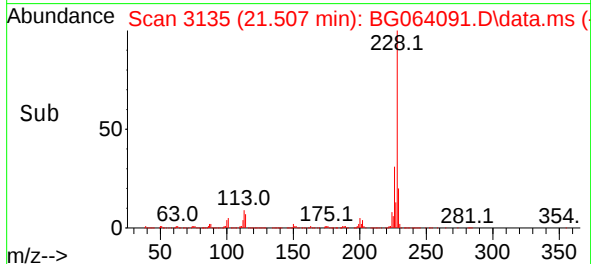
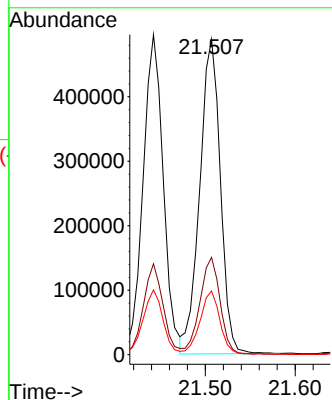
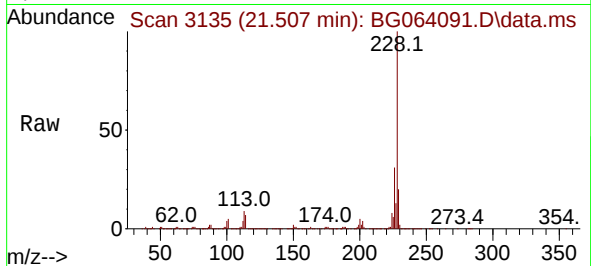




#83
Chrysene
Concen: 51.677 ng
RT: 21.507 min Scan# 3135
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

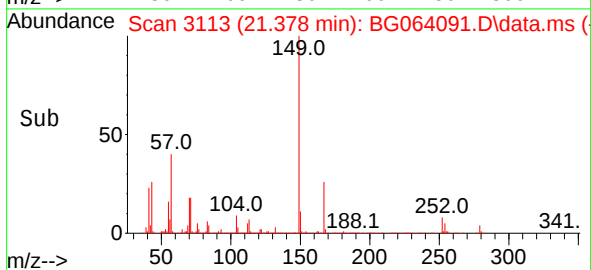
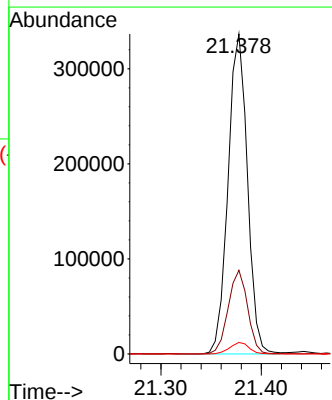
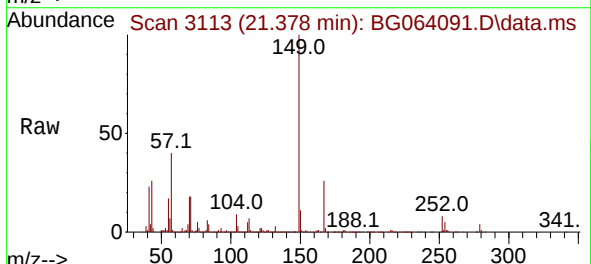
Instrument :
BNA_G
ClientSampleId :
VNJ-241MS

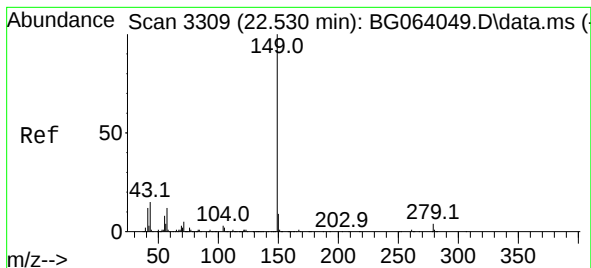
Tgt Ion:228 Resp: 778326
Ion Ratio Lower Upper
228 100
226 30.8 23.9 35.9
229 20.2 15.3 22.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 55.174 ng
RT: 21.378 min Scan# 3113
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

Tgt Ion:149 Resp: 450595
Ion Ratio Lower Upper
149 100
167 26.2 21.0 31.6
279 3.6 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 54.322 ng

RT: 22.523 min Scan# 3309

Delta R.T. -0.007 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

Instrument :

BNA_G

ClientSampleId :

VNJ-241MS

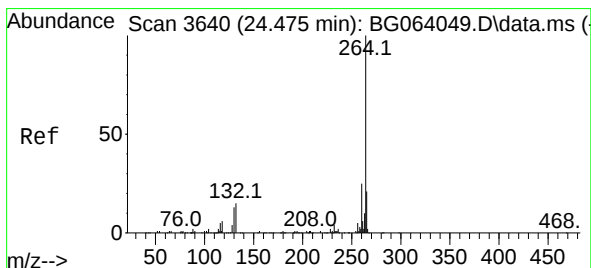
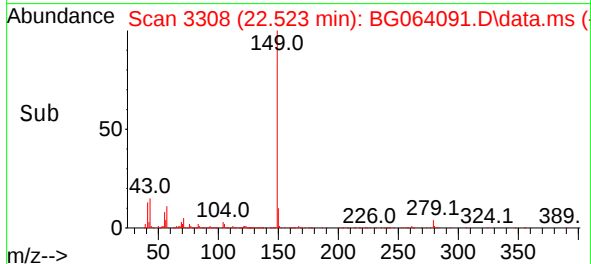
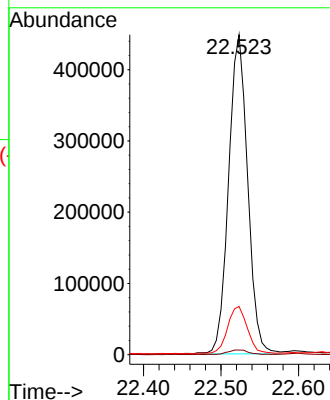
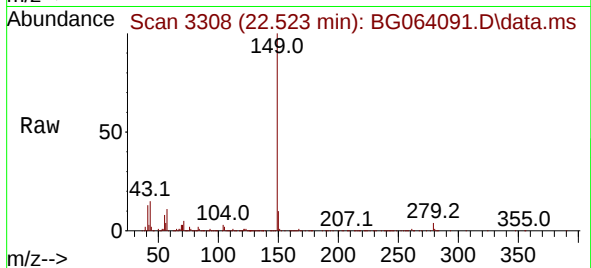
Tgt Ion:149 Resp: 765208

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 15.3 12.6 19.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.474 min Scan# 3640

Delta R.T. -0.001 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

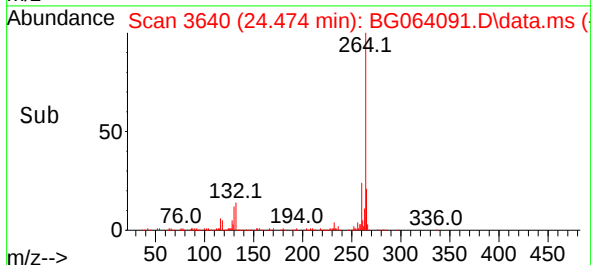
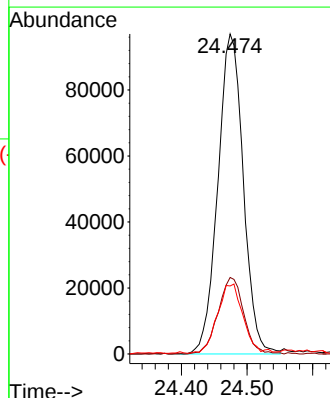
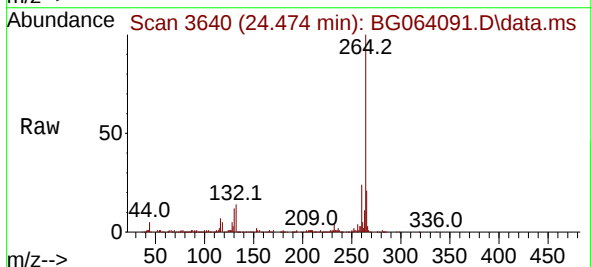
Tgt Ion:264 Resp: 260668

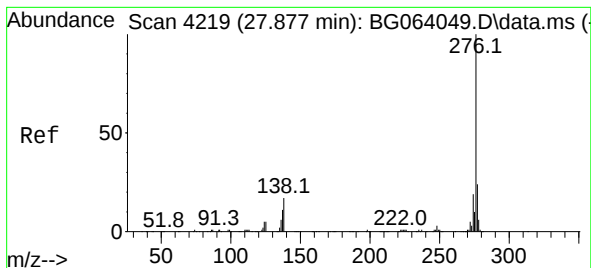
Ion Ratio Lower Upper

264 100

260 23.9 19.6 29.4

265 21.3 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.890 ng

RT: 27.876 min Scan# 4219

Delta R.T. -0.001 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

Instrument :

BNA_G

ClientSampleId :

VNJ-241MS

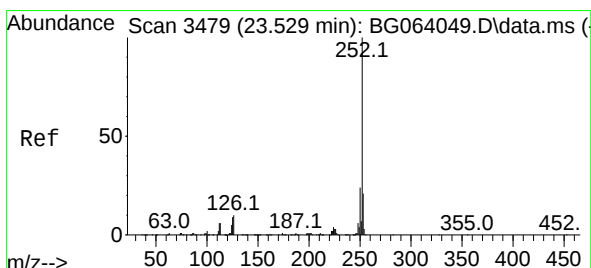
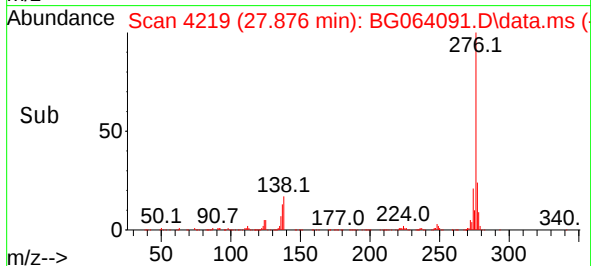
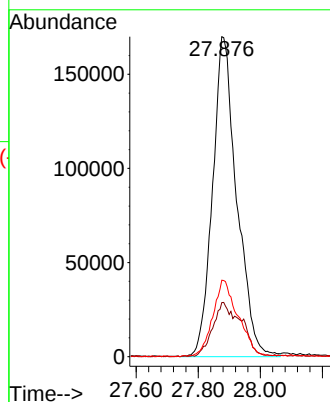
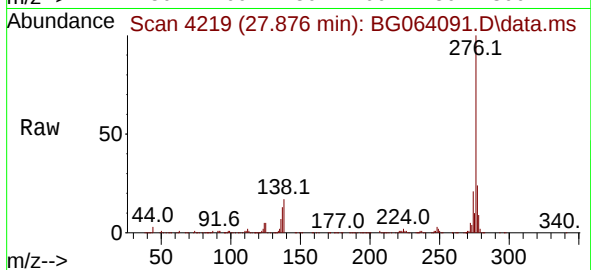
Tgt Ion:276 Resp: 922445

Ion Ratio Lower Upper

276 100

138 19.7 12.1 18.1#

277 24.6 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 52.891 ng

RT: 23.528 min Scan# 3479

Delta R.T. -0.001 min

Lab File: BG064091.D

Acq: 11 Mar 2025 11:54

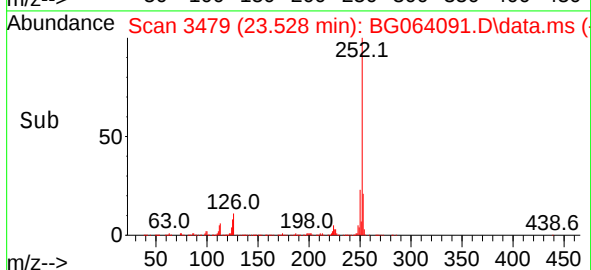
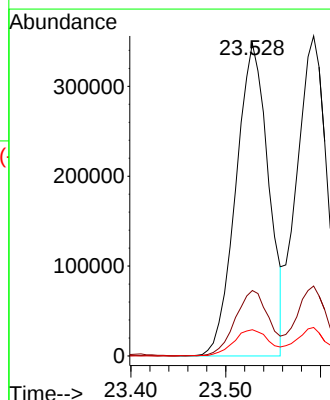
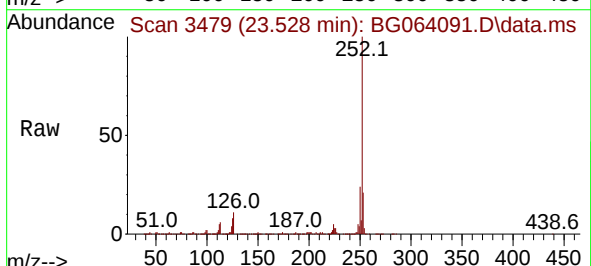
Tgt Ion:252 Resp: 833473

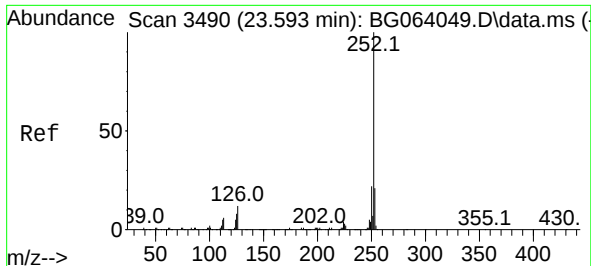
Ion Ratio Lower Upper

252 100

253 20.9 17.0 25.4

125 8.4 7.4 11.2

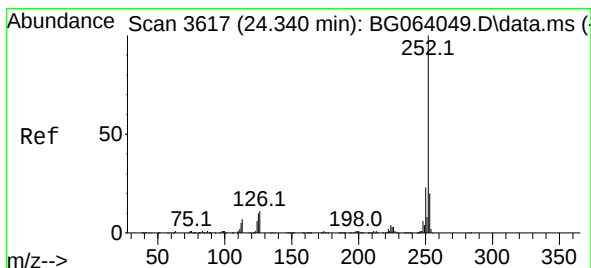
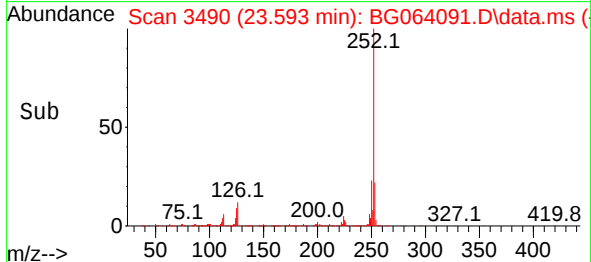
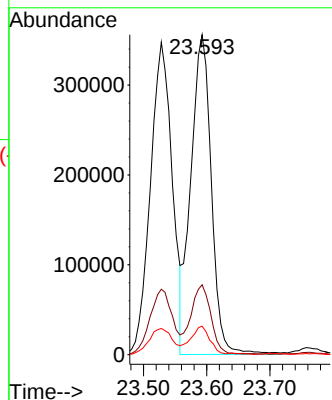
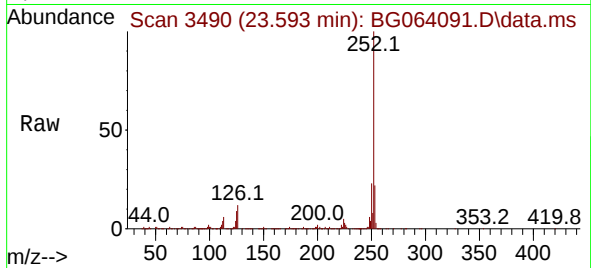




#89
Benzo(k)fluoranthene
Concen: 50.652 ng
RT: 23.593 min Scan# 3490
Delta R.T. -0.001 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

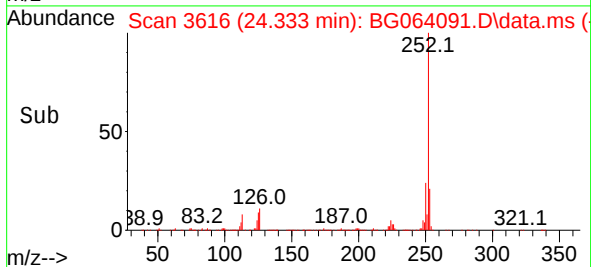
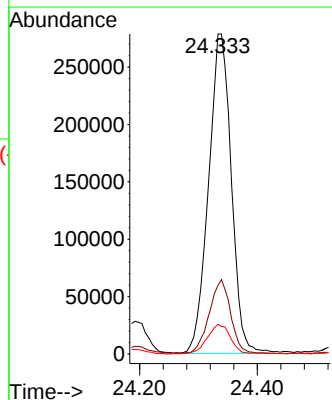
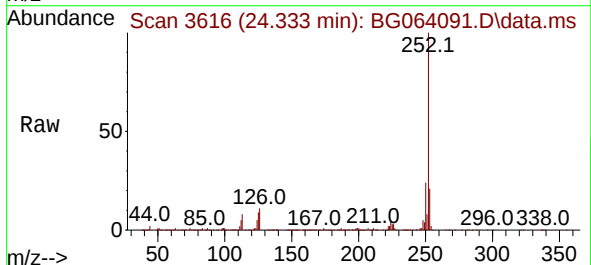
Instrument :
BNA_G
ClientSampleId :
VNJ-241MS

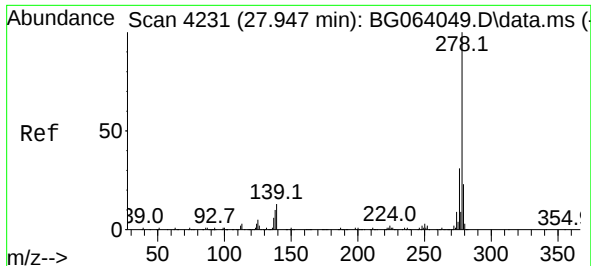
Tgt Ion:252 Resp: 800743
Ion Ratio Lower Upper
252 100
253 21.8 16.8 25.2
125 8.9 6.9 10.3



#90
Benzo(a)pyrene
Concen: 53.366 ng
RT: 24.333 min Scan# 3616
Delta R.T. -0.007 min
Lab File: BG064091.D
Acq: 11 Mar 2025 11:54

Tgt Ion:252 Resp: 748958
Ion Ratio Lower Upper
252 100
253 21.5 16.2 24.2
125 9.2 7.8 11.6

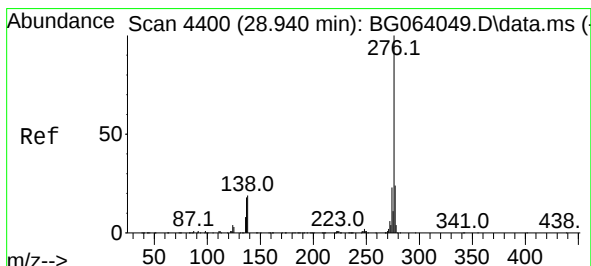
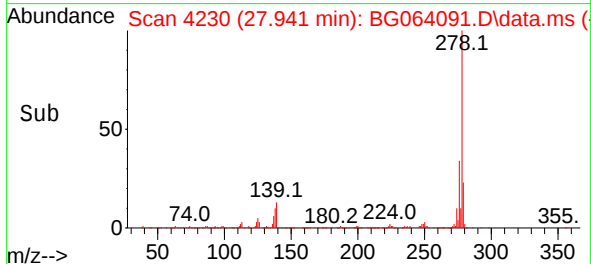
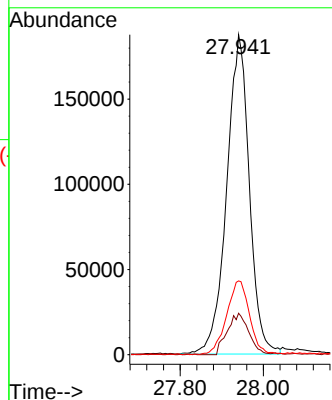
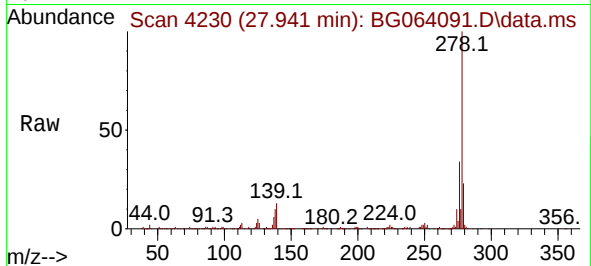




#91
 Dibenzo(a,h)anthracene
 Concen: 48.991 ng
 RT: 27.941 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BG064091.D
 Acq: 11 Mar 2025 11:54

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-241MS

Tgt Ion:278 Resp: 708354
 Ion Ratio Lower Upper
 278 100
 139 13.0 10.2 15.2
 279 23.1 18.1 27.1



#92
 Benzo(g,h,i)perylene
 Concen: 48.718 ng
 RT: 28.945 min Scan# 4401
 Delta R.T. 0.005 min
 Lab File: BG064091.D
 Acq: 11 Mar 2025 11:54

Tgt Ion:276 Resp: 723226
 Ion Ratio Lower Upper
 276 100
 277 23.1 19.5 29.3
 138 17.9 15.4 23.0

