

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
 Data File : BF138763.D
 Acq On : 03 Aug 2024 11:32
 Operator : RC/JU
 Sample : P3402-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-222MS

Quant Time: Aug 05 00:49:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	56824	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	246946	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	162491	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	264133	20.000	ng	0.00
76) Chrysene-d12	14.016	240	125417	20.000	ng	0.01
86) Perylene-d12	15.480	264	122767	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	316671	86.025	ng	0.02
7) Phenol-d6	6.492	99	462042	93.487	ng	0.00
23) Nitrobenzene-d5	7.416	82	314113	62.189	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	115727	86.946	ng	0.01
45) 2-Fluorobiphenyl	9.204	172	607617	56.184	ng	0.00
79) Terphenyl-d14	12.951	244	581839	77.673	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	55274	34.297	ng	97
3) Pyridine	3.451	79	143561	36.772	ng	94
4) n-Nitrosodimethylamine	3.410	42	100262	43.120	ng	99
6) Aniline	6.510	93	199172	45.188	ng	# 46
8) 2-Chlorophenol	6.640	128	195755	50.544	ng	96
9) Benzaldehyde	6.398	77	9503	3.208	ng	97
10) Phenol	6.510	94	256068	49.209	ng	80
11) bis(2-Chloroethyl)ether	6.587	93	187914	46.927	ng	98
12) 1,3-Dichlorobenzene	6.787	146	207311	47.819	ng	99
13) 1,4-Dichlorobenzene	6.863	146	216144	49.403	ng	100
14) 1,2-Dichlorobenzene	7.016	146	204231	49.948	ng	100
15) Benzyl Alcohol	6.998	79	192661	54.086	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	319738	46.397	ng	53
17) 2-Methylphenol	7.110	107	162532	50.822	ng	# 91
18) Hexachloroethane	7.357	117	83434	50.661	ng	99
19) n-Nitroso-di-n-propyla...	7.263	70	160449	53.751	ng	96
20) 3+4-Methylphenols	7.263	107	221017	53.863	ng	# 87
22) Acetophenone	7.257	105	276594	45.745	ng	98
24) Nitrobenzene	7.434	77	236676	46.049	ng	98
25) Isophorone	7.675	82	430785	49.948	ng	99
26) 2-Nitrophenol	7.745	139	113444	51.303	ng	97
27) 2,4-Dimethylphenol	7.787	122	143969	54.417	ng	99
28) bis(2-Chloroethoxy)met...	7.881	93	255878	48.719	ng	99
29) 2,4-Dichlorophenol	7.998	162	173214	50.950	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	185230	47.213	ng	99
31) Naphthalene	8.151	128	606356	46.648	ng	100
32) Benzoic acid	7.934	122	85015	40.878	ng	97
33) 4-Chloroaniline	8.204	127	175801	40.291	ng	99
34) Hexachlorobutadiene	8.263	225	112220	47.224	ng	100
35) Caprolactam	8.586	113	34414	33.925	ng	97
36) 4-Chloro-3-methylphenol	8.692	107	198723	51.147	ng	98
37) 2-Methylnaphthalene	8.839	142	398906	48.592	ng	98
38) 1-Methylnaphthalene	8.939	142	372534	46.310	ng	98
40) 1,2,4,5-Tetrachloroben...	9.010	216	174532	38.666	ng	99
41) Hexachlorocyclopentadiene	8.992	237	101110	84.226	ng	98
43) 2,4,6-Trichlorophenol	9.128	196	120010	43.606	ng	98

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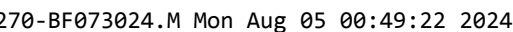
Instrument :
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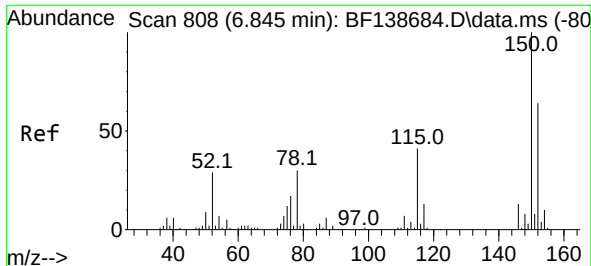
Quant Time: Aug 05 00:49:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	129082	42.904	ng	98
46) 1,1'-Biphenyl	9.304	154	527586	41.457	ng	99
47) 2-Chloronaphthalene	9.333	162	412789	43.613	ng	99
48) 2-Nitroaniline	9.433	65	164840	51.373	ng	98
49) Acenaphthylene	9.751	152	696440	51.881	ng	100
50) Dimethylphthalate	9.610	163	535747	51.564	ng	99
51) 2,6-Dinitrotoluene	9.681	165	115738	49.359	ng	99
52) Acenaphthene	9.922	154	422015	46.767	ng	100
53) 3-Nitroaniline	9.845	138	101932	42.051	ng	99
54) 2,4-Dinitrophenol	9.963	184	105787	98.006	ng	95
55) Dibenzofuran	10.092	168	625218	49.083	ng	99
56) 4-Nitrophenol	10.028	139	130671	89.643	ng	98
57) 2,4-Dinitrotoluene	10.086	165	151439	50.622	ng	# 91
58) Fluorene	10.433	166	471287	46.461	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	117584	51.120	ng	97
60) Diethylphthalate	10.310	149	518746	52.657	ng	99
61) 4-Chlorophenyl-phenylether	10.428	204	241601	48.428	ng	99
62) 4-Nitroaniline	10.463	138	93900	40.763	ng	93
63) Azobenzene	10.586	77	463351	42.407	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	70841	43.961	ng	97
66) n-Nitrosodiphenylamine	10.545	169	368997	44.693	ng	100
67) 4-Bromophenyl-phenylether	10.916	248	126100	44.095	ng	98
68) Hexachlorobenzene	10.980	284	130504	44.198	ng	98
69) Atrazine	11.075	200	111415	52.305	ng	99
70) Pentachlorophenol	11.186	266	102016	76.651	ng	98
71) Phenanthrene	11.398	178	685800	50.424	ng	99
72) Anthracene	11.451	178	695087	51.878	ng	100
73) Carbazole	11.610	167	558447	48.310	ng	99
74) Di-n-butylphthalate	11.927	149	742538	57.141	ng	100
75) Fluoranthene	12.586	202	605298	47.672	ng	100
77) Benzidine	12.710	184	152304	50.772	ng	99
78) Pyrene	12.816	202	592364	50.165	ng	100
80) Butylbenzylphthalate	13.427	149	225487	59.631	ng	100
81) Benzo(a)anthracene	14.004	228	430089	49.799	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	118390	53.567	ng	99
83) Chrysene	14.039	228	395303	50.733	ng	98
84) Bis(2-ethylhexyl)phtha...	13.986	149	325303	58.749	ng	100
85) Di-n-octyl phthalate	14.598	149	501100	48.913	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	486778	55.329	ng	98
88) Benzo(b)fluoranthene	15.057	252	415558	54.604	ng	99
89) Benzo(k)fluoranthene	15.086	252	383175	58.152	ng	99
90) Benzo(a)pyrene	15.421	252	338344	52.855	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	388816	53.838	ng	99
92) Benzo(g,h,i)perylene	17.415	276	365815	48.813	ng	98

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

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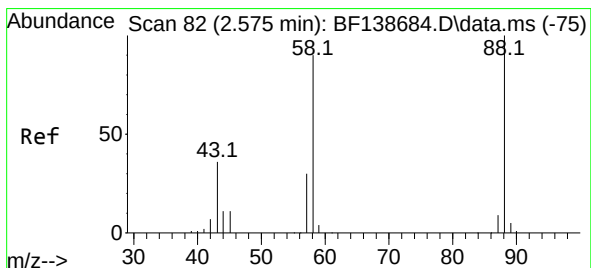
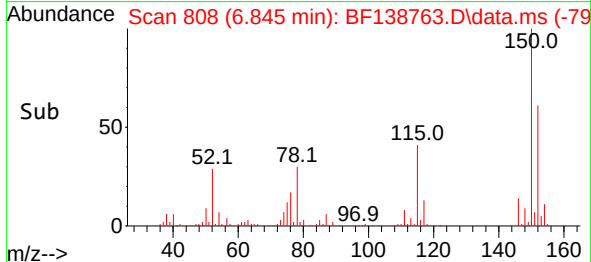
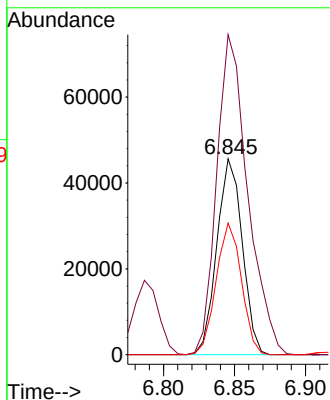
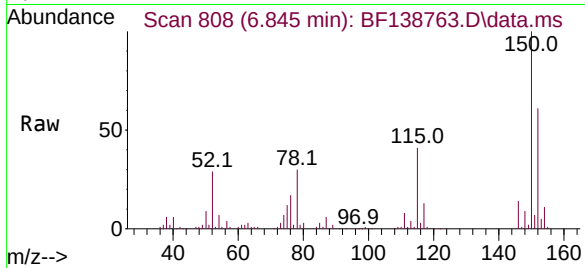




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF138763.D
 Acq: 03 Aug 2024 11:32

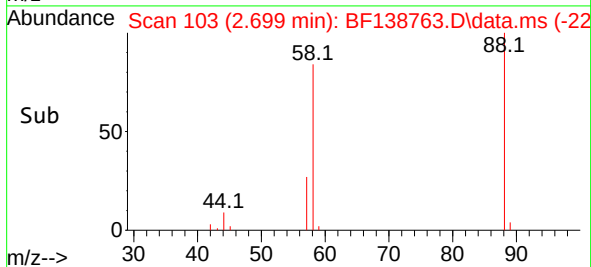
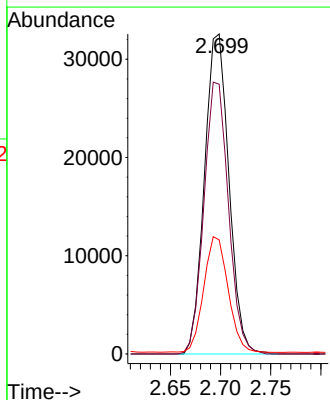
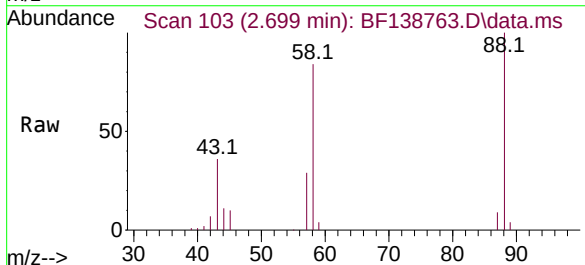
Instrument :
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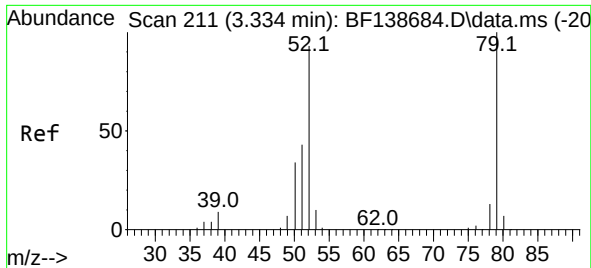
Tgt Ion:152 Resp: 56824
 Ion Ratio Lower Upper
 152 100
 150 163.4 126.0 189.0
 115 67.1 51.7 77.5



#2
 1,4-Dioxane
 Concen: 34.297 ng
 RT: 2.699 min Scan# 103
 Delta R.T. 0.123 min
 Lab File: BF138763.D
 Acq: 03 Aug 2024 11:32

Tgt Ion: 88 Resp: 55274
 Ion Ratio Lower Upper
 88 100
 58 85.3 71.6 107.4
 43 36.0 28.7 43.1

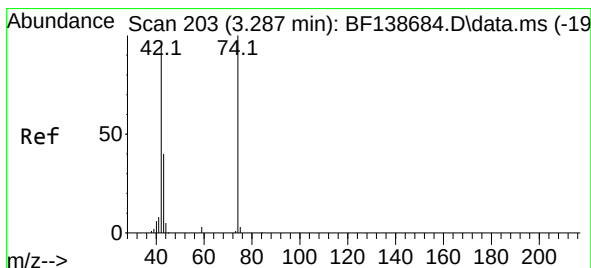
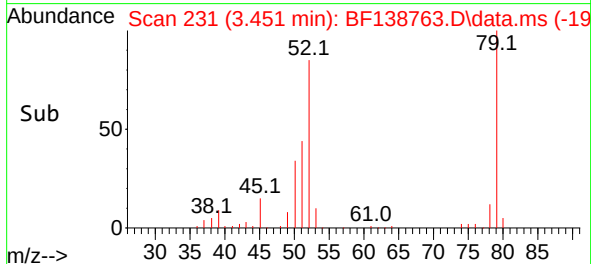
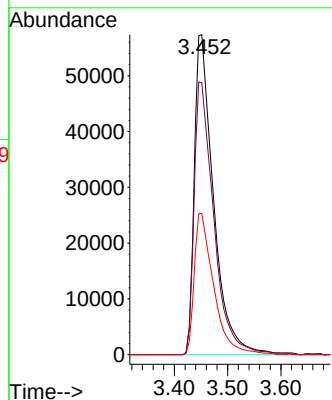
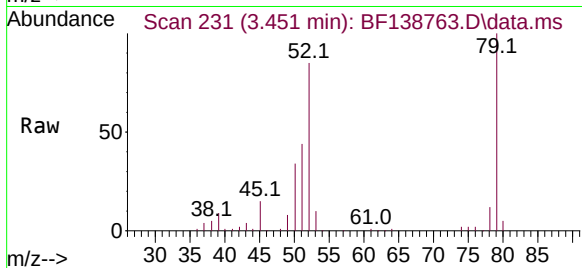




#3
Pyridine
Concen: 36.772 ng
RT: 3.451 min Scan# 211
Delta R.T. 0.118 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

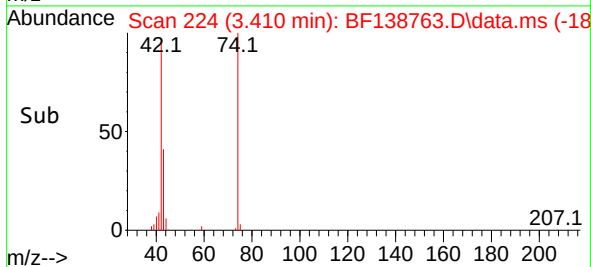
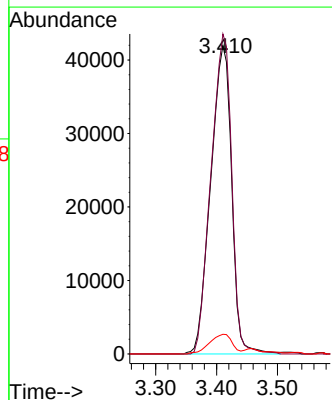
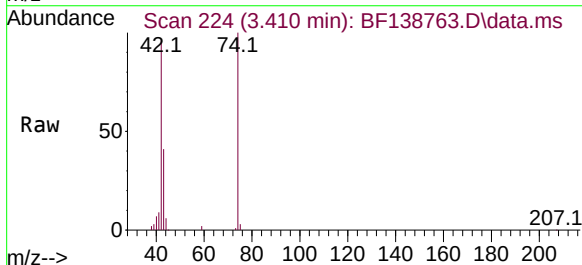
Instrument :
BNA_F
ClientSampleId :
VNJ-222MS

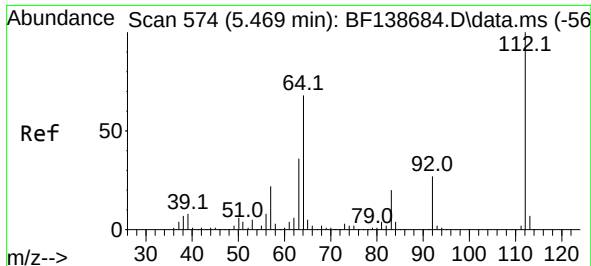
Tgt Ion: 79 Resp: 143561
Ion Ratio Lower Upper
79 100
52 85.0 74.7 112.1
51 44.2 34.6 51.8



#4
n-Nitrosodimethylamine
Concen: 43.120 ng
RT: 3.410 min Scan# 224
Delta R.T. 0.123 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

Tgt Ion: 42 Resp: 100262
Ion Ratio Lower Upper
42 100
74 103.7 84.2 126.4
44 6.4 4.9 7.3

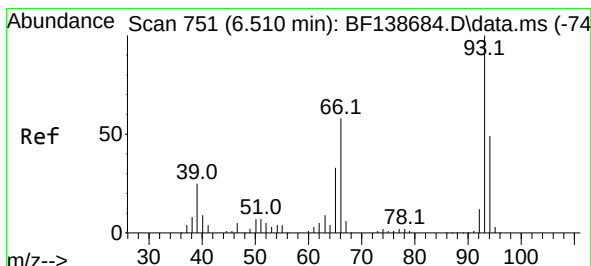
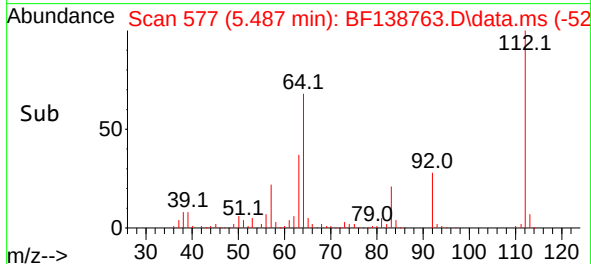
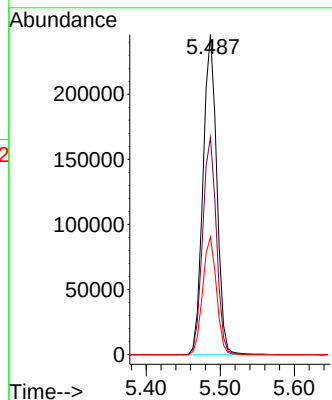
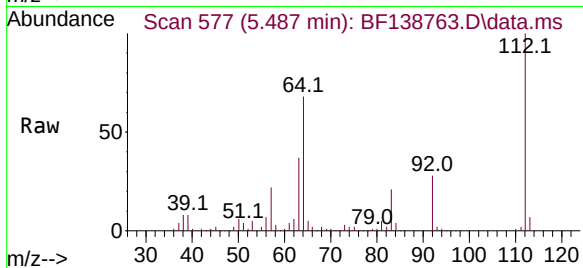




#5
2-Fluorophenol
Concen: 86.025 ng
RT: 5.487 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

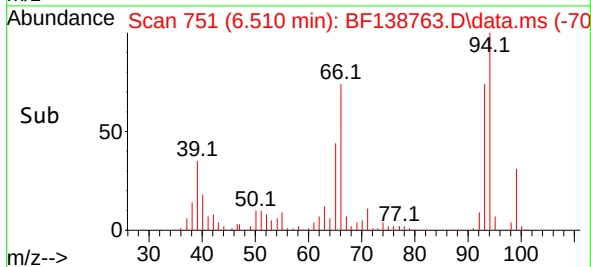
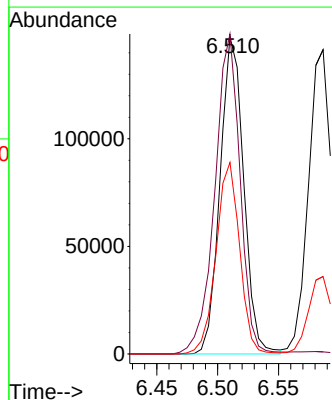
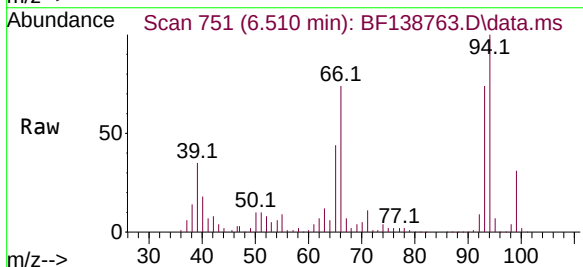
Instrument :
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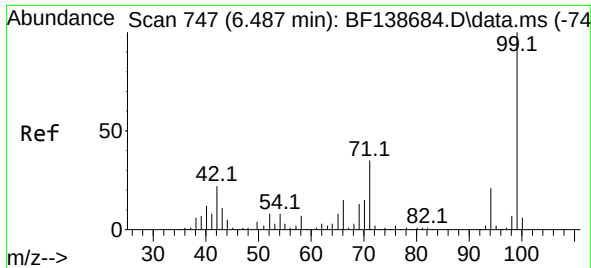
Tgt Ion:112 Resp: 316671
Ion Ratio Lower Upper
112 100
64 68.0 54.2 81.4
63 36.8 28.7 43.1



#6
Aniline
Concen: 45.188 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

Tgt Ion: 93 Resp: 199172
Ion Ratio Lower Upper
93 100
66 100.8 46.9 70.3#
65 60.4 26.5 39.7#





#7

Phenol-d6

Concen: 93.487 ng

RT: 6.492 min Scan# 747

Delta R.T. 0.006 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

Instrument :

BNA_F

ClientSampleId :

VNJ-222MS

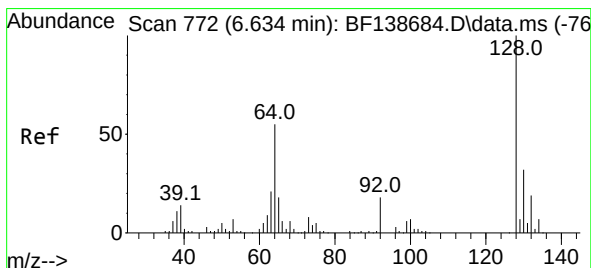
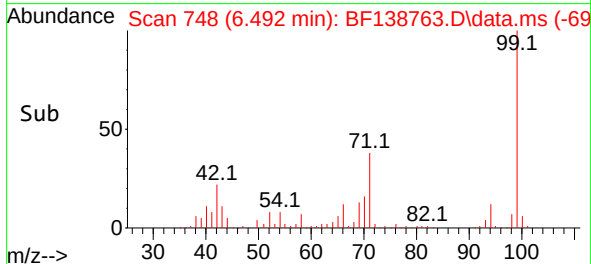
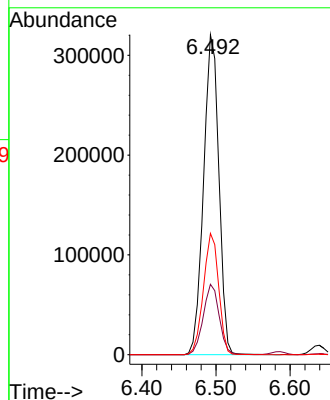
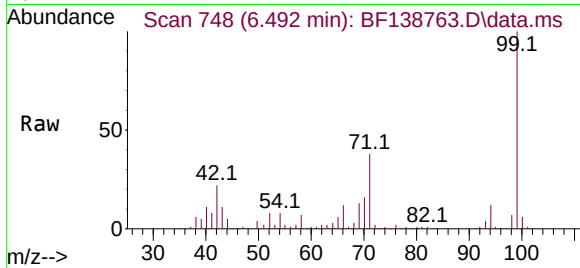
Tgt Ion: 99 Resp: 462042

Ion Ratio Lower Upper

99 100

42 22.0 17.4 26.0

71 37.9 28.1 42.1



#8

2-Chlorophenol

Concen: 50.544 ng

RT: 6.640 min Scan# 773

Delta R.T. 0.006 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

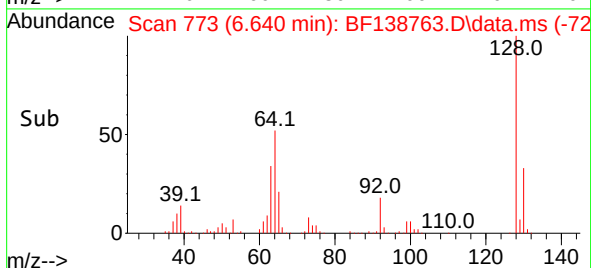
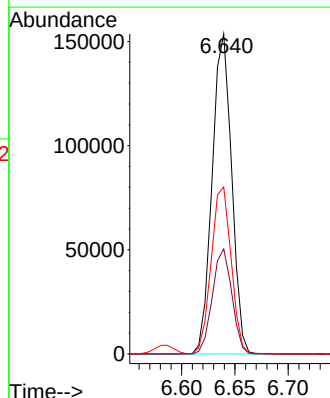
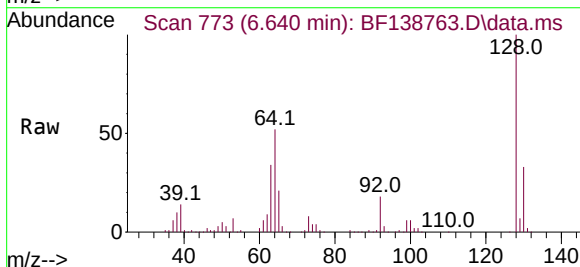
Tgt Ion: 128 Resp: 195755

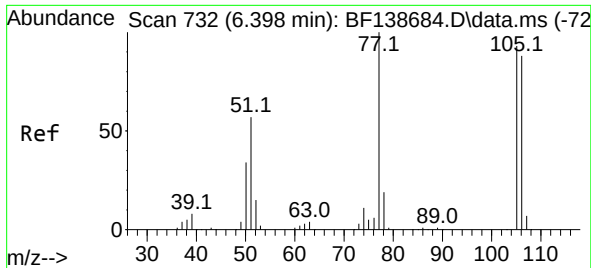
Ion Ratio Lower Upper

128 100

130 32.8 12.0 52.0

64 52.2 36.3 76.3





#9

Benzaldehyde

Concen: 3.208 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

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Acq: 03 Aug 2024 11:32

Instrument :

BNA_F

ClientSampleId :

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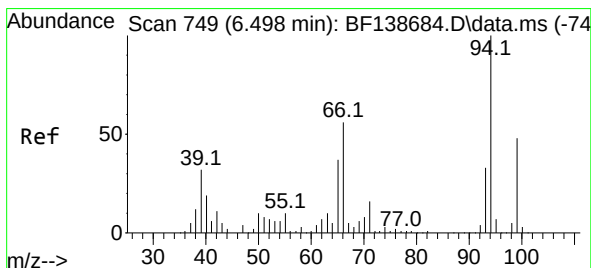
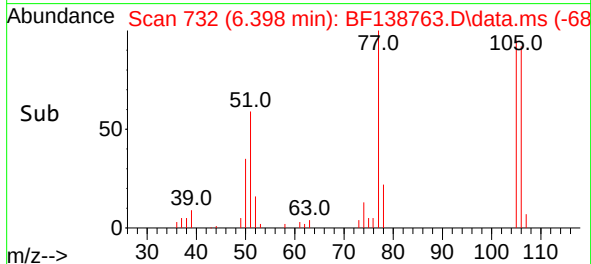
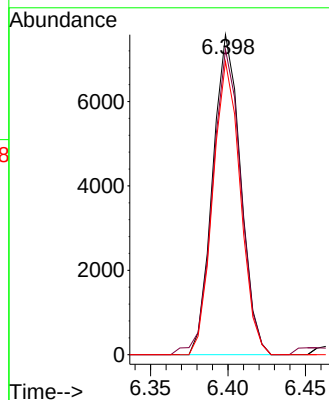
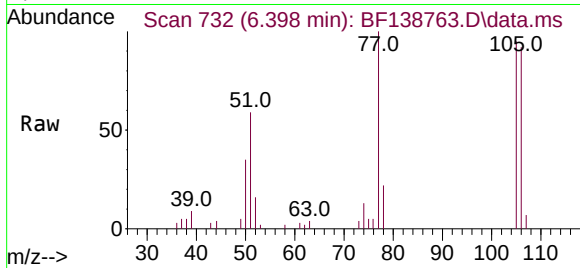
Tgt Ion: 77 Resp: 9503

Ion Ratio Lower Upper

77 100

105 95.4 72.9 112.9

106 91.6 68.4 108.4



#10

Phenol

Concen: 49.209 ng

RT: 6.510 min Scan# 751

Delta R.T. 0.012 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

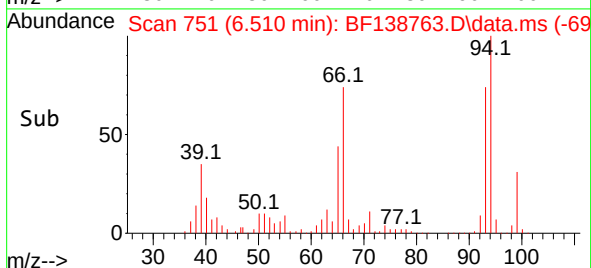
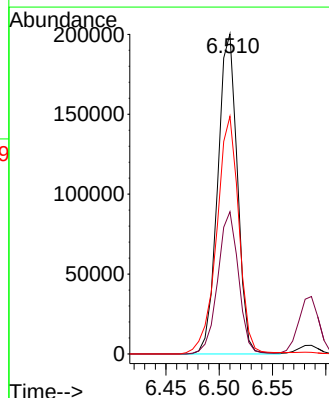
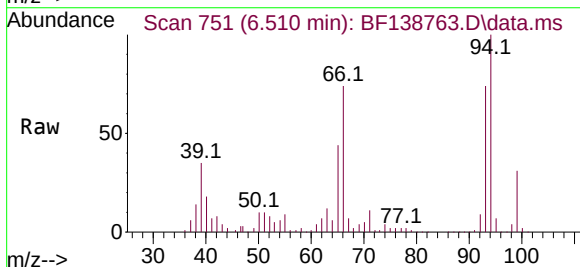
Tgt Ion: 94 Resp: 256068

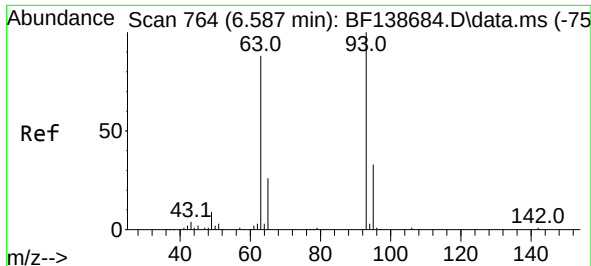
Ion Ratio Lower Upper

94 100

65 44.5 16.9 56.9

66 74.3 36.5 76.5

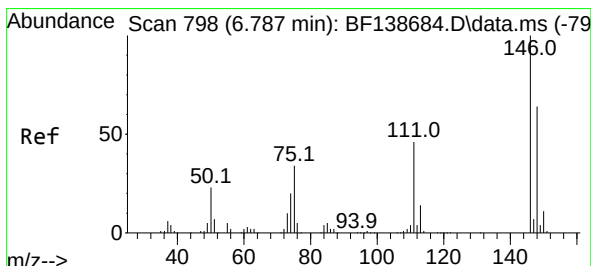
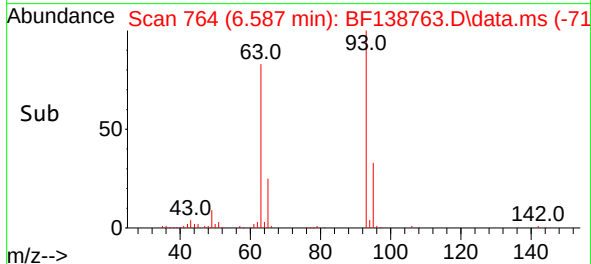
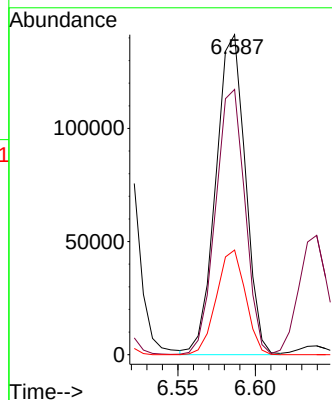
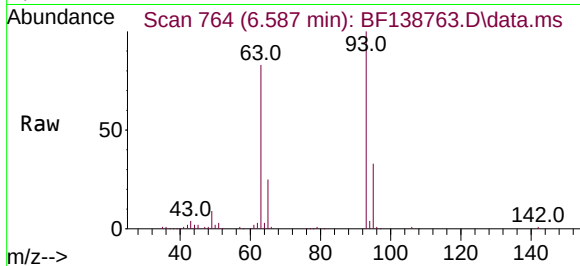




#11
bis(2-Chloroethyl)ether
Concen: 46.927 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

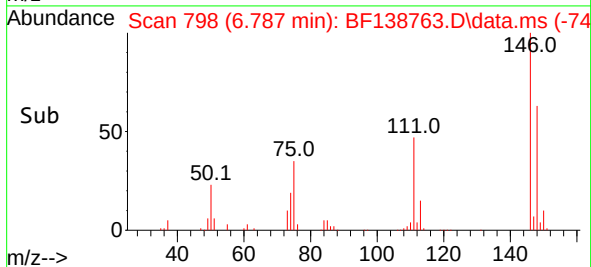
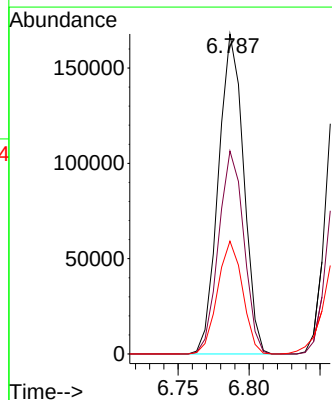
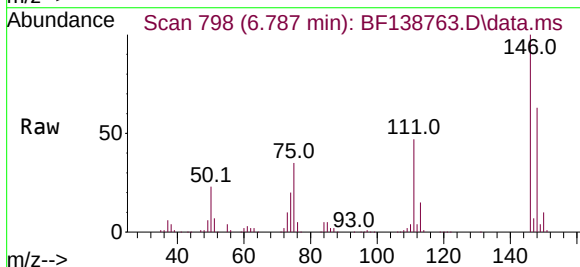
Instrument :
BNA_F
ClientSampleId :
VNJ-222MS

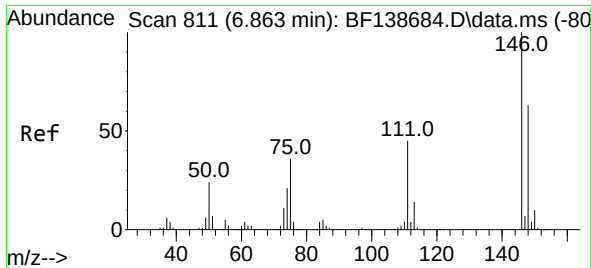
Tgt Ion: 93 Resp: 187914
Ion Ratio Lower Upper
93 100
63 82.9 65.3 105.3
95 32.7 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 47.819 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

Tgt Ion:146 Resp: 207311
Ion Ratio Lower Upper
146 100
148 63.4 51.2 76.8
75 35.2 27.4 41.2

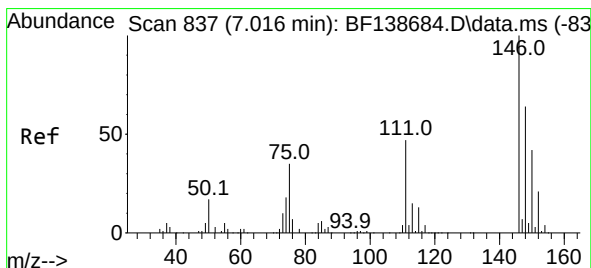
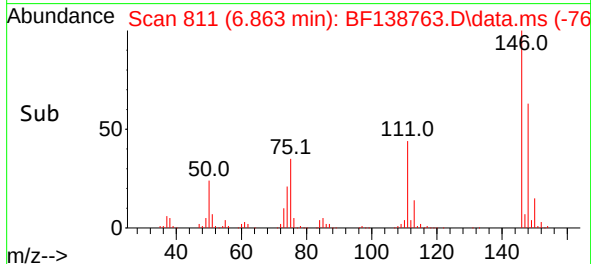
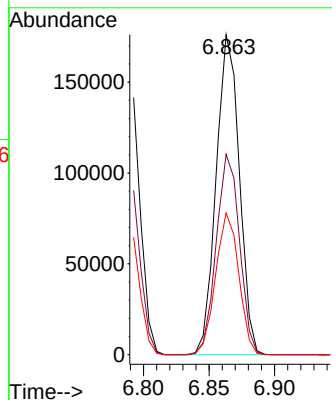
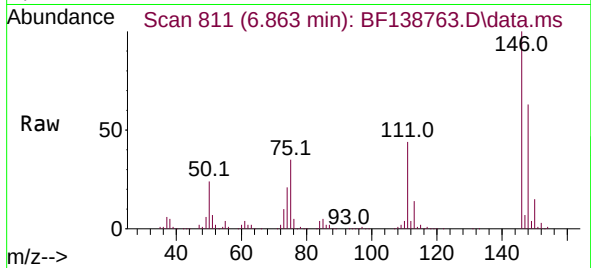




#13
1,4-Dichlorobenzene
Concen: 49.403 ng
RT: 6.863 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

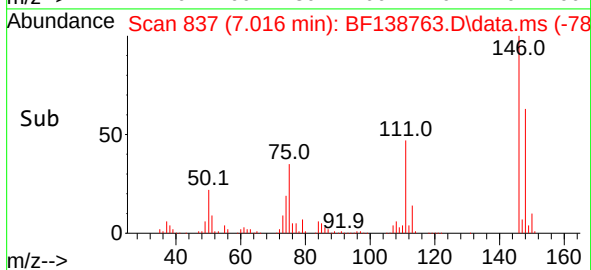
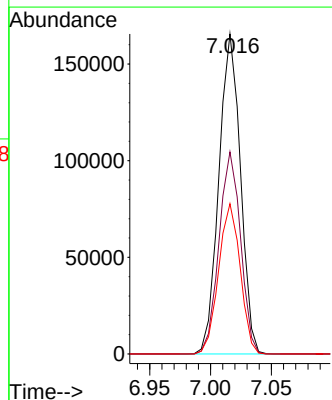
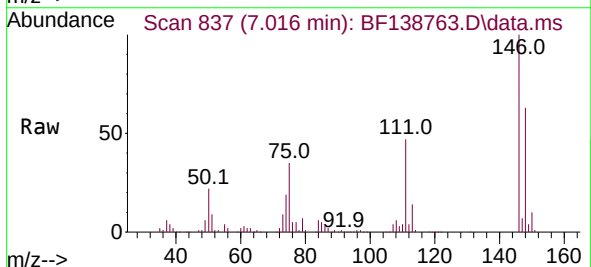
Instrument :
BNA_F
ClientSampleId :
VNJ-222MS

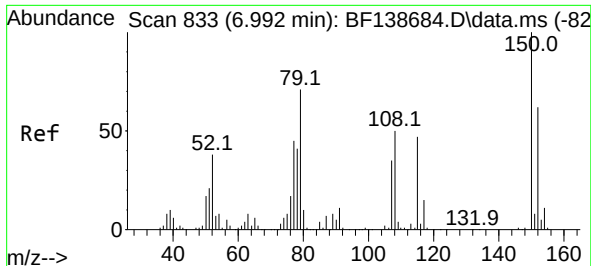
Tgt Ion:146 Resp: 216144
Ion Ratio Lower Upper
146 100
148 62.6 50.2 75.2
111 44.3 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 49.948 ng
RT: 7.016 min Scan# 837
Delta R.T. -0.000 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

Tgt Ion:146 Resp: 204231
Ion Ratio Lower Upper
146 100
148 63.1 50.8 76.2
111 47.0 37.4 56.2

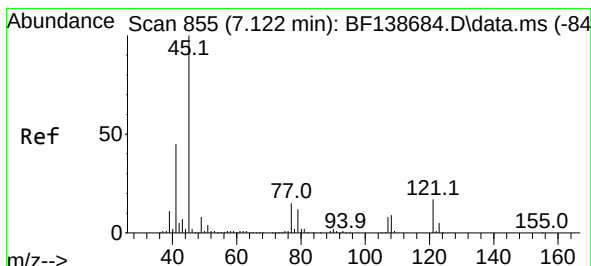
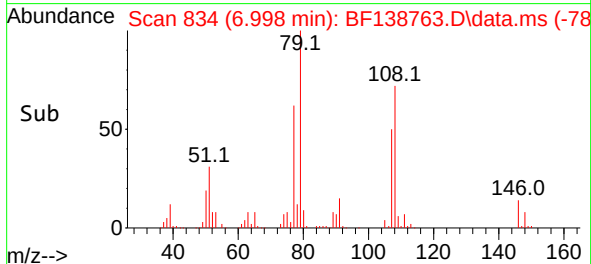
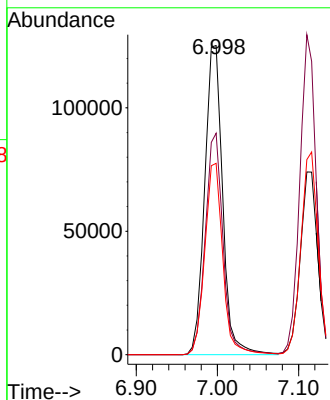
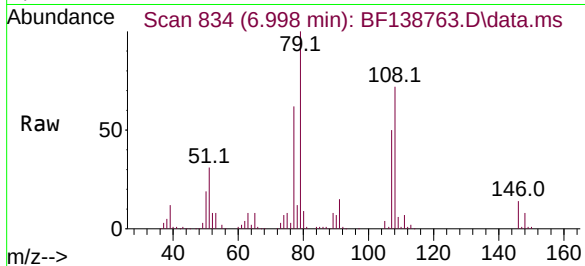




#15
Benzyl Alcohol
Concen: 54.086 ng
RT: 6.998 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

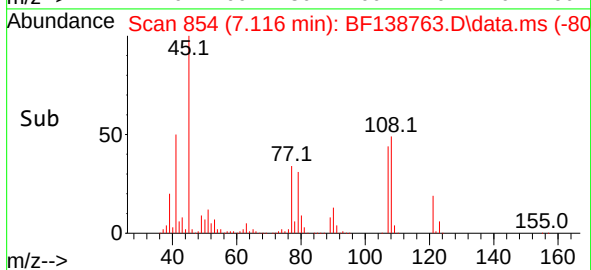
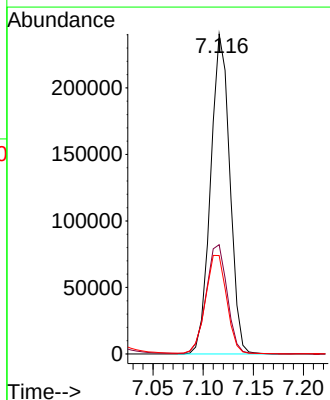
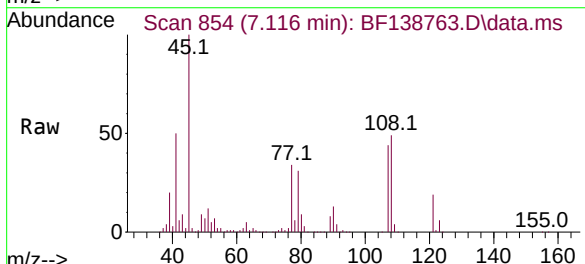
Instrument :
BNA_F
ClientSampleId :
VNJ-222MS

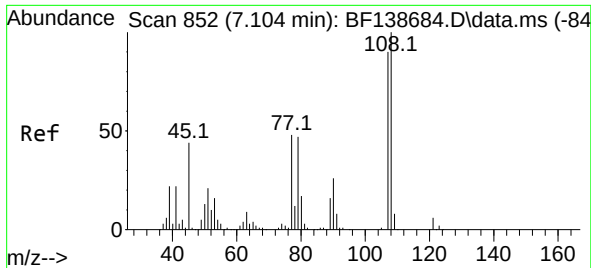
Tgt Ion: 79 Resp: 192661
Ion Ratio Lower Upper
79 100
108 71.6 56.6 85.0
77 61.9 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.397 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

Tgt Ion: 45 Resp: 319738
Ion Ratio Lower Upper
45 100
77 34.1 0.0 34.9
79 30.7 0.0 32.2

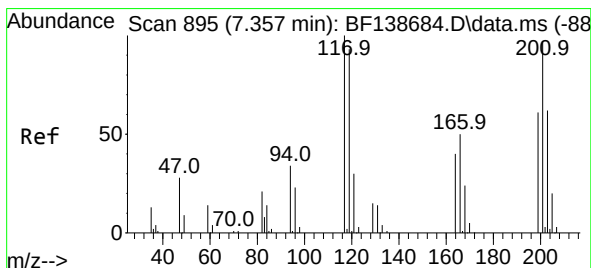
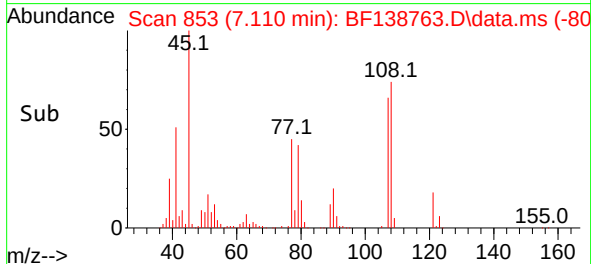
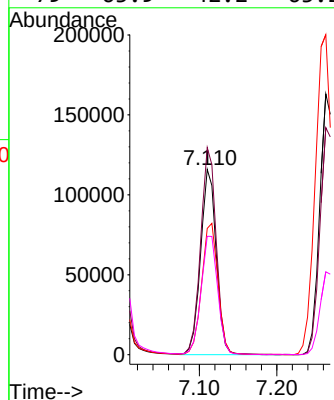
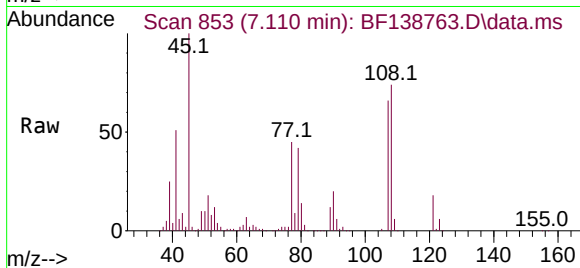




#17
2-Methylphenol
Concen: 50.822 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

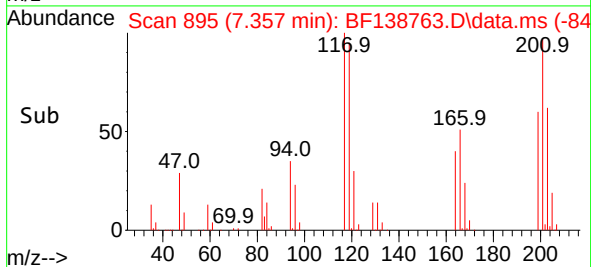
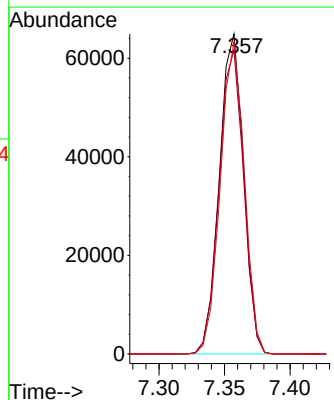
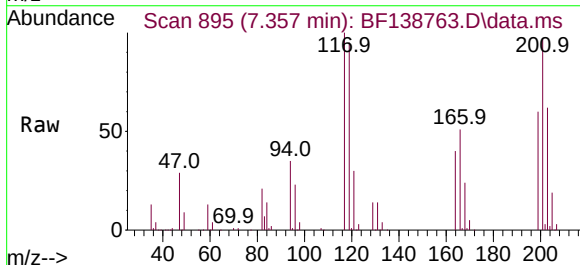
Instrument :
BNA_F
ClientSampleId :
VNJ-222MS

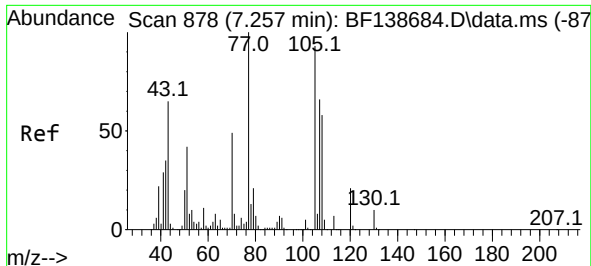
Tgt Ion:107 Resp: 162532
Ion Ratio Lower Upper
107 100
108 111.9 89.2 133.8
77 68.2 43.0 64.4#
79 63.9 42.2 63.2#



#18
Hexachloroethane
Concen: 50.661 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

Tgt Ion:117 Resp: 83434
Ion Ratio Lower Upper
117 100
119 94.9 74.6 111.8
201 97.5 77.2 115.8



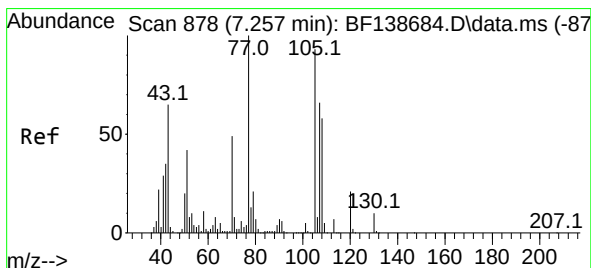
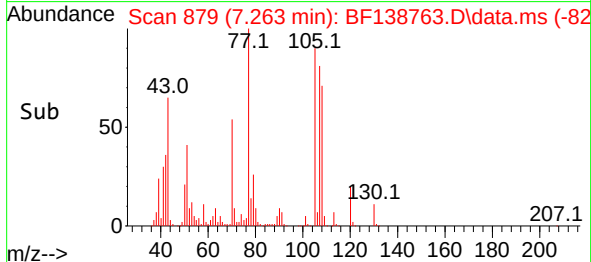
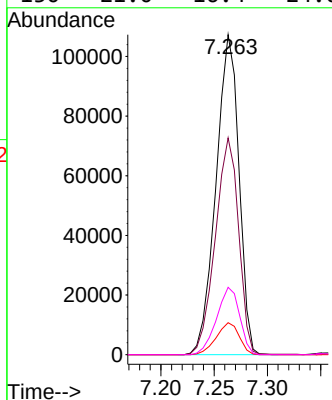
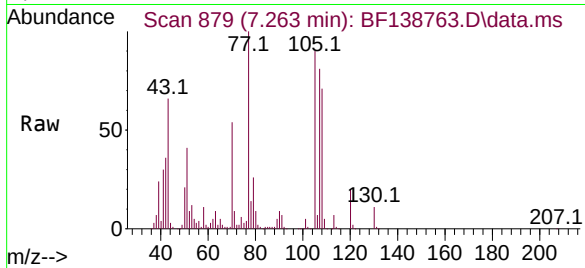


#19
n-Nitroso-di-n-propylamine
Concen: 53.751 ng
RT: 7.263 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

Instrument :
BNA_F
ClientSampleId :
VNJ-222MS

Tgt Ion: 70 Resp: 160449

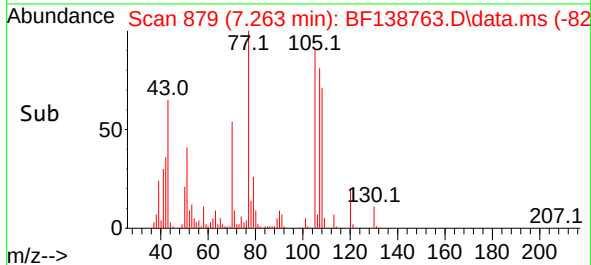
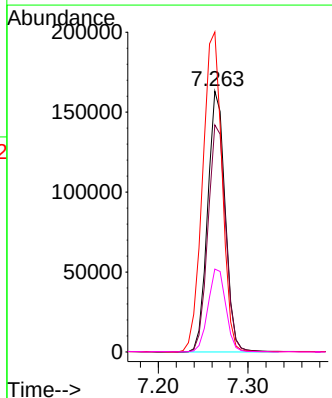
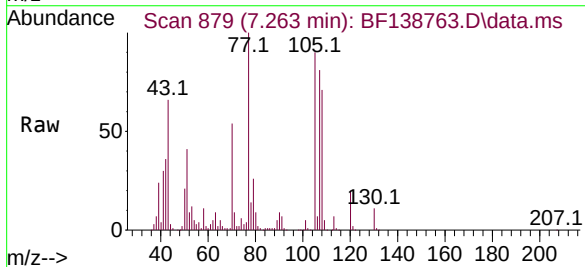
Ion	Ratio	Lower	Upper
70	100		
42	67.7	57.4	86.0
101	10.0	7.5	11.3
130	21.0	16.4	24.6

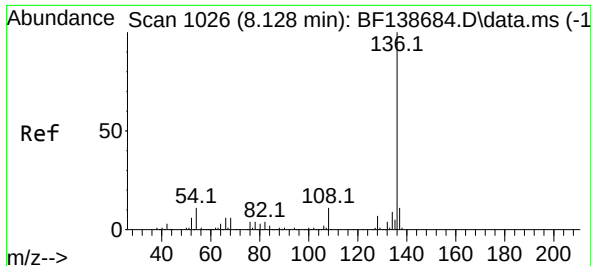


#20
3+4-Methylphenols
Concen: 53.863 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

Tgt Ion: 107 Resp: 221017

Ion	Ratio	Lower	Upper
107	100		
108	87.1	68.2	108.2
77	122.7	132.1	172.1#
79	31.8	11.5	51.5

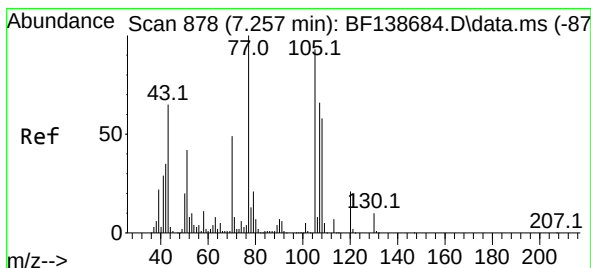
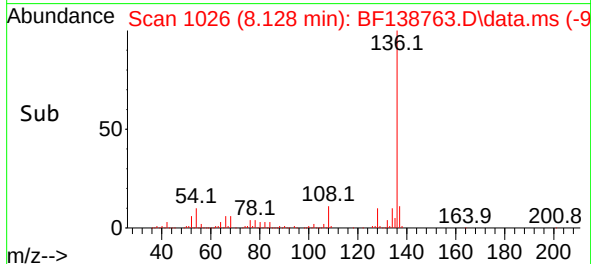
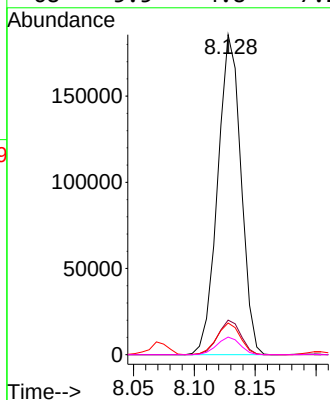
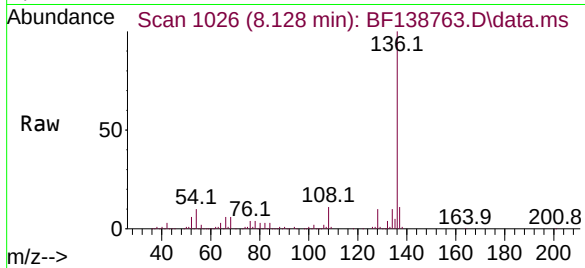




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

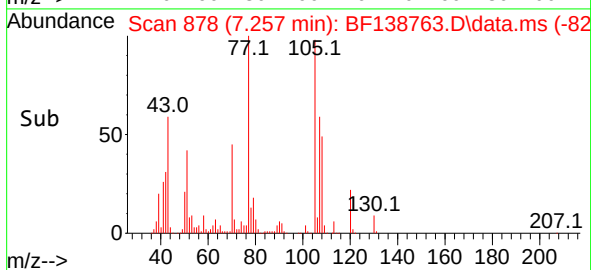
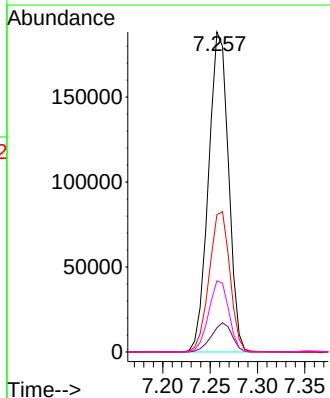
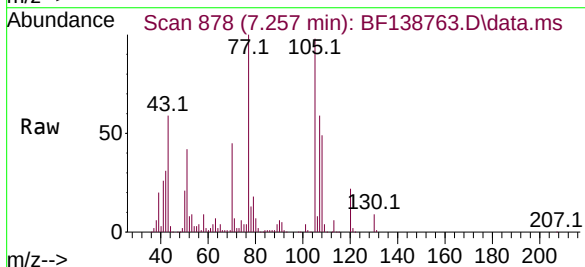
Instrument :
BNA_F
ClientSampleId :
VNJ-222MS

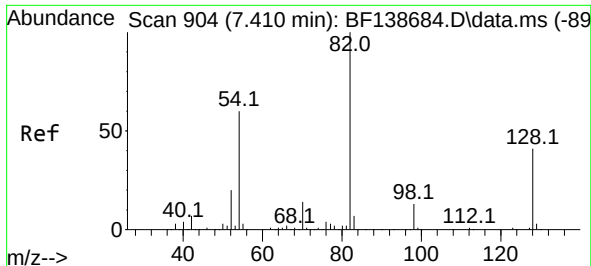
Tgt Ion:	136	Resp:	246946
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.9	8.6	12.8
68	5.5	4.8	7.2



#22
Acetophenone
Concen: 45.745 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

Tgt Ion:	105	Resp:	276594
Ion	Ratio	Lower	Upper
105	100		
71	7.6	7.2	10.8
51	42.9	35.9	53.9
120	22.2	17.6	26.4





#23

Nitrobenzene-d5

Concen: 62.189 ng

RT: 7.416 min Scan# 904

Delta R.T. 0.006 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

Instrument :

BNA_F

ClientSampleId :

VNJ-222MS

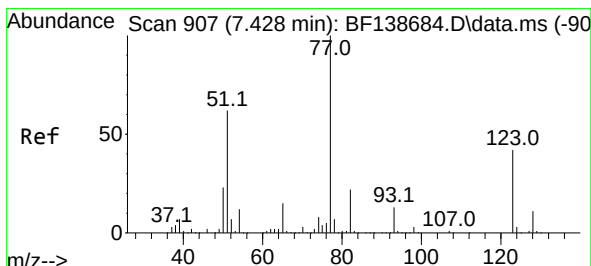
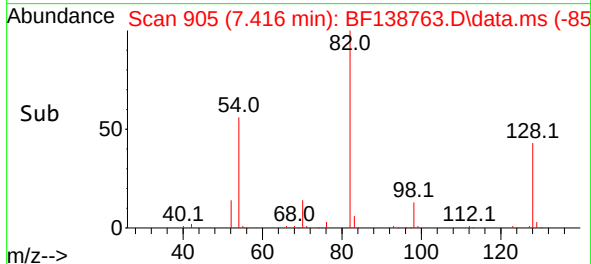
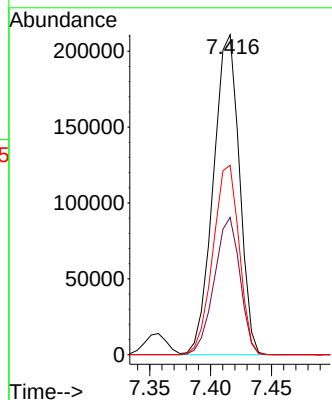
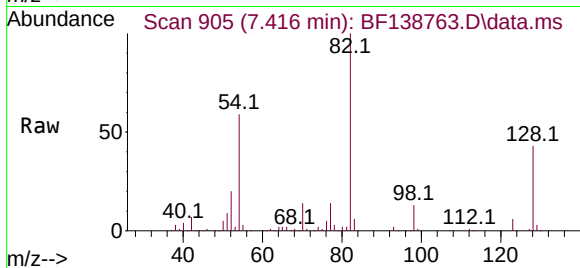
Tgt Ion: 82 Resp: 314113

Ion Ratio Lower Upper

82 100

128 42.9 32.8 49.2

54 59.2 48.3 72.5



#24

Nitrobenzene

Concen: 46.049 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.006 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

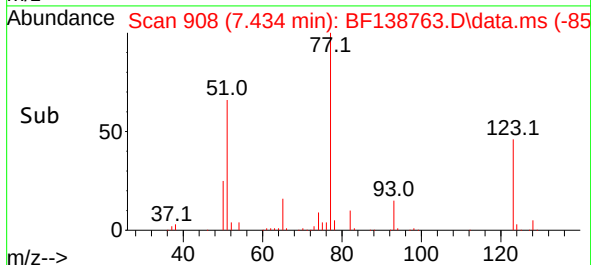
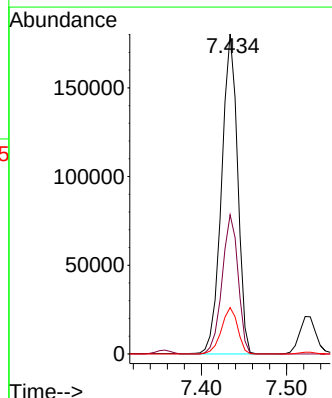
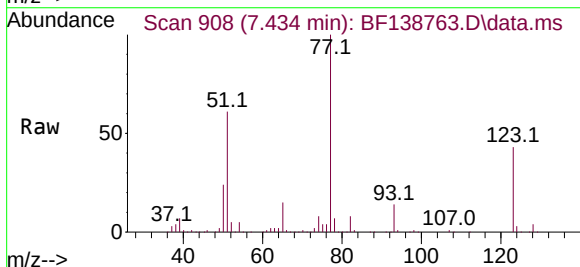
Tgt Ion: 77 Resp: 236676

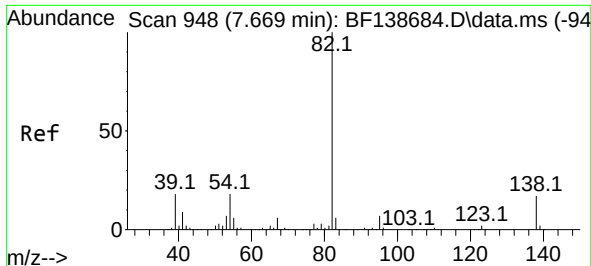
Ion Ratio Lower Upper

77 100

123 43.5 33.3 49.9

65 14.5 11.9 17.9

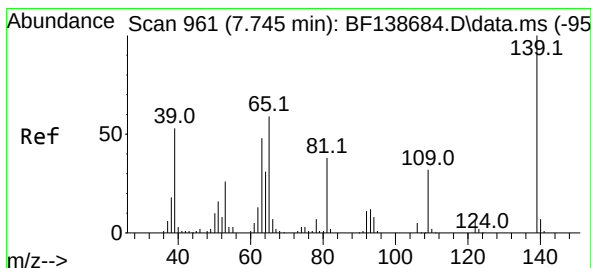
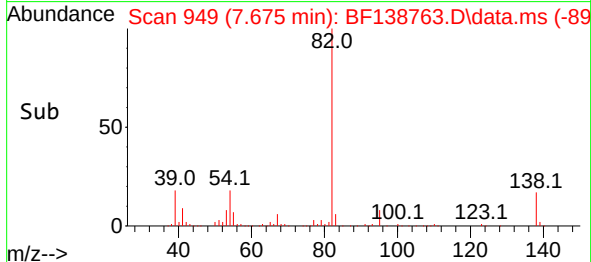
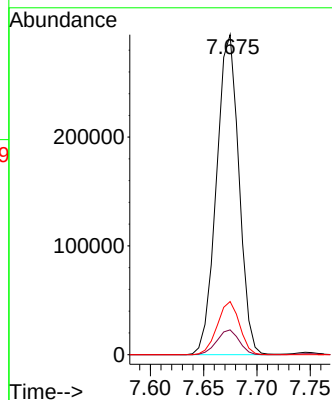
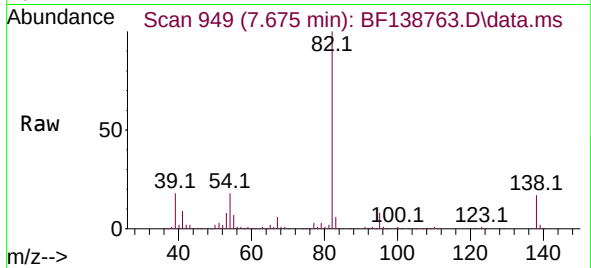




#25
Isophorone
Concen: 49.948 ng
RT: 7.675 min Scan# 949
Delta R.T. 0.006 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

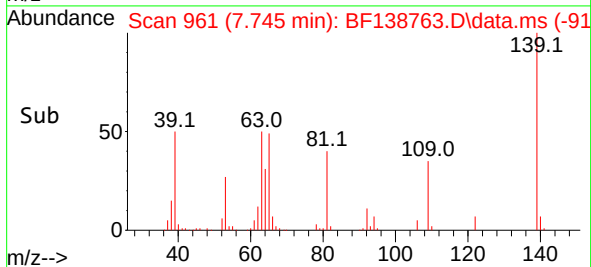
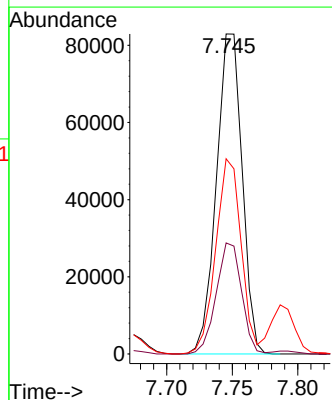
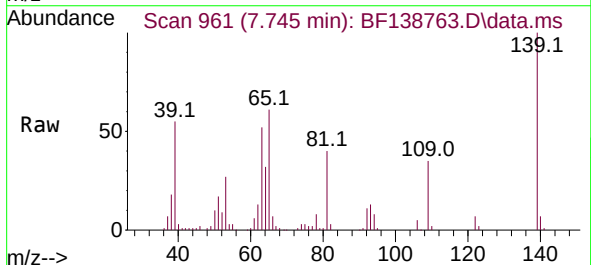
Instrument :
BNA_F
ClientSampleId :
VNJ-222MS

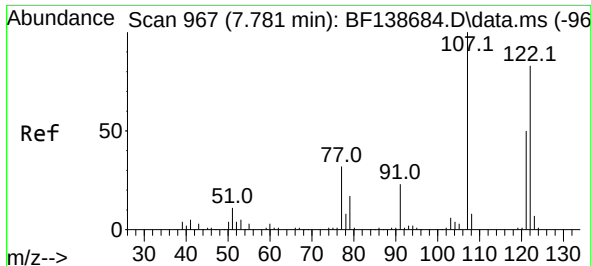
Tgt Ion: 82 Resp: 430785
Ion Ratio Lower Upper
82 100
95 7.7 5.7 8.5
138 16.6 13.7 20.5



#26
2-Nitrophenol
Concen: 51.303 ng
RT: 7.745 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

Tgt Ion:139 Resp: 113444
Ion Ratio Lower Upper
139 100
109 34.7 25.9 38.9
65 61.0 47.0 70.6





#27

2,4-Dimethylphenol

Concen: 54.417 ng

RT: 7.787 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

Instrument :

BNA_F

ClientSampleId :

VNJ-222MS

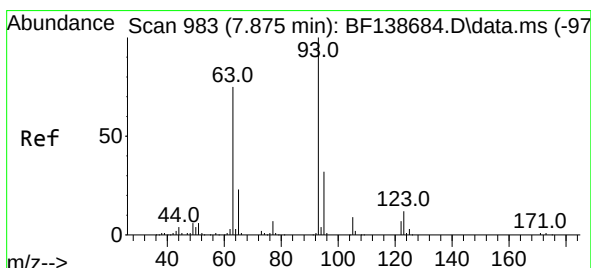
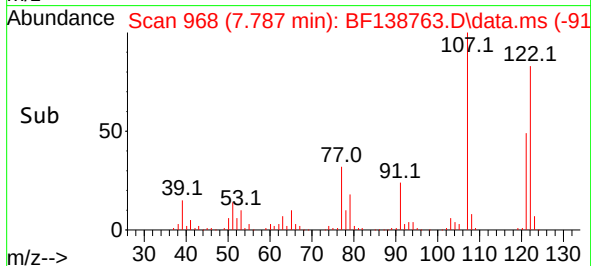
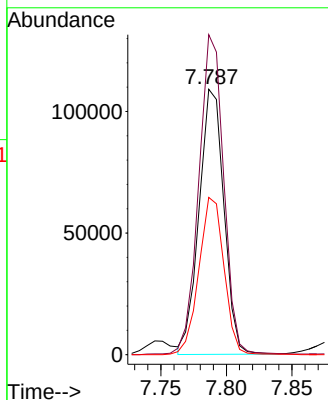
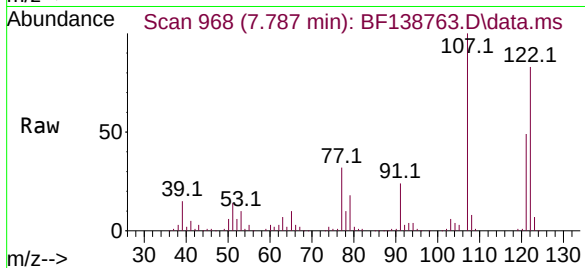
Tgt Ion:122 Resp: 143969

Ion Ratio Lower Upper

122 100

107 120.6 95.0 142.6

121 59.2 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 48.719 ng

RT: 7.881 min Scan# 984

Delta R.T. 0.006 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

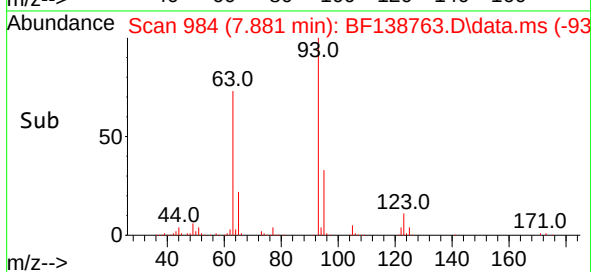
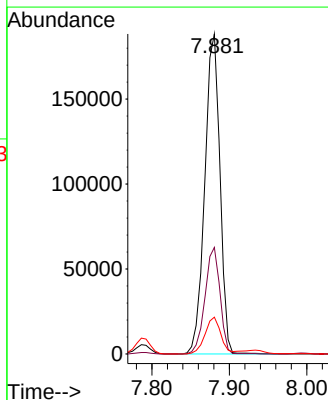
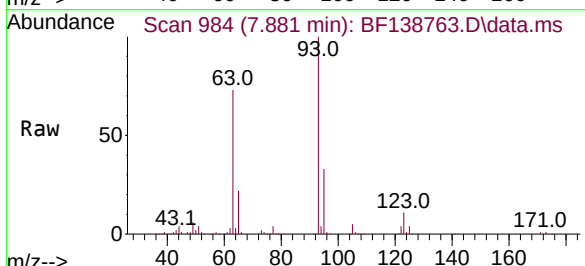
Tgt Ion: 93 Resp: 255878

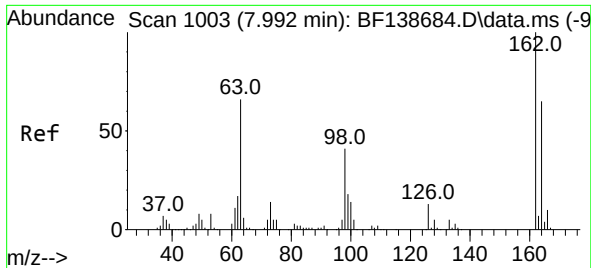
Ion Ratio Lower Upper

93 100

95 33.3 25.8 38.8

123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 50.950 ng

RT: 7.998 min Scan# 1004

Delta R.T. 0.006 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

Instrument :

BNA_F

ClientSampleId :

VNJ-222MS

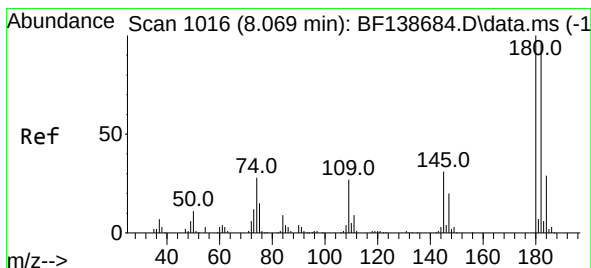
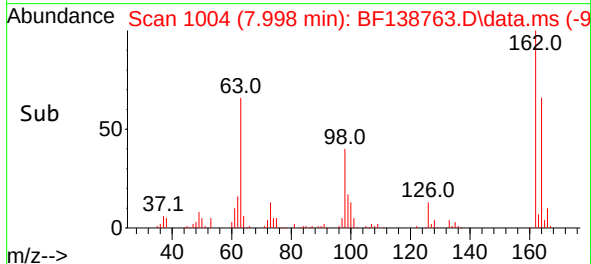
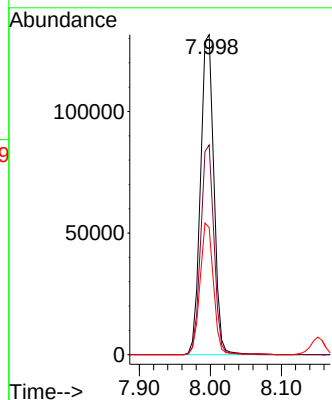
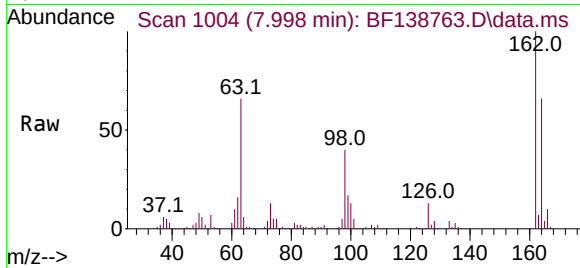
Tgt Ion:162 Resp: 173214

Ion Ratio Lower Upper

162 100

164 65.6 44.7 84.7

98 39.7 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 47.213 ng

RT: 8.069 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

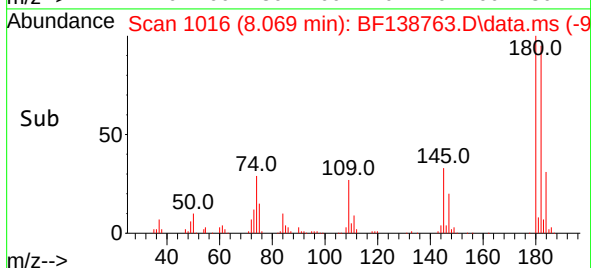
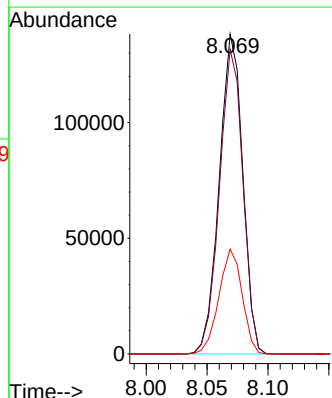
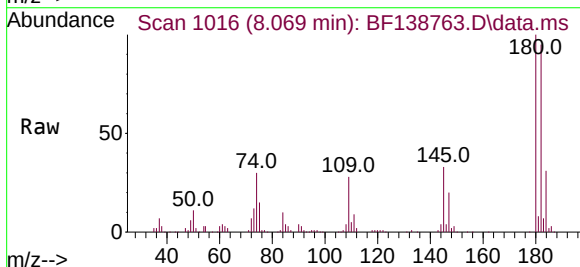
Tgt Ion:180 Resp: 185230

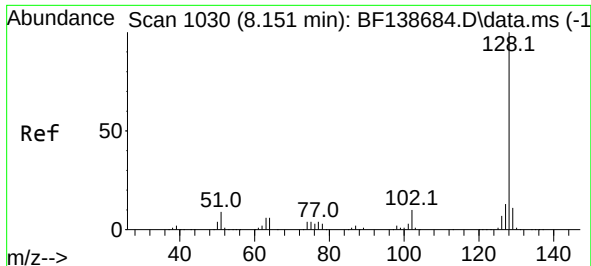
Ion Ratio Lower Upper

180 100

182 95.1 76.9 115.3

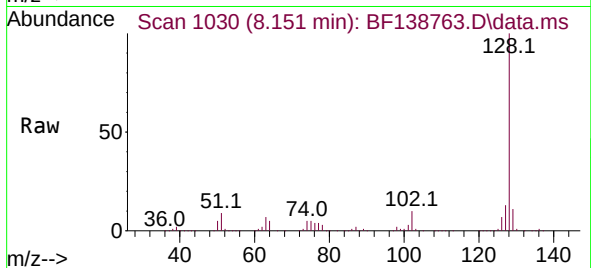
145 32.7 25.0 37.4



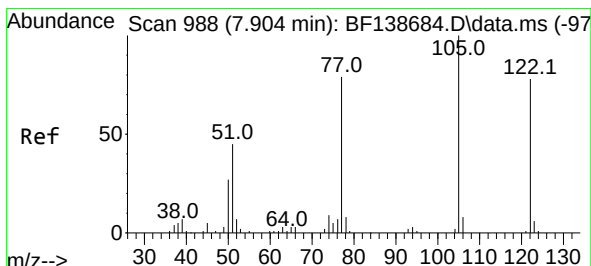
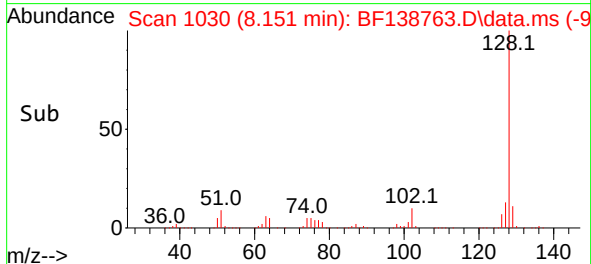
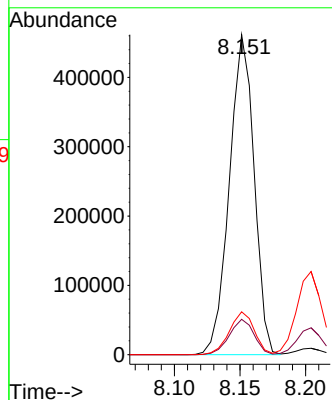


#31
Naphthalene
Concen: 46.648 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

Instrument :
BNA_F
ClientSampleId :
VNJ-222MS

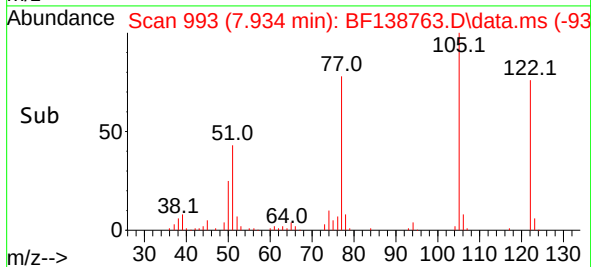
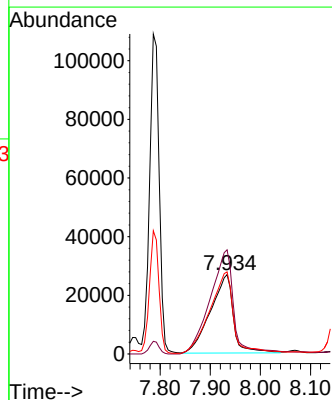
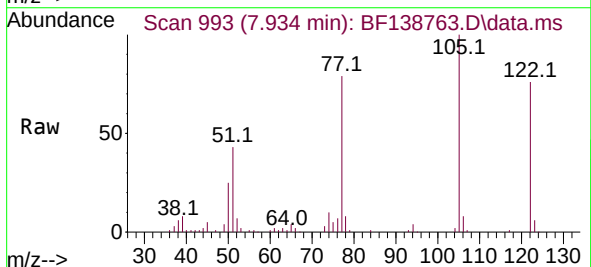


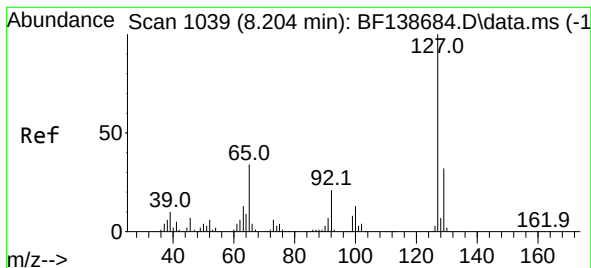
Tgt Ion:128 Resp: 606356
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 40.878 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.030 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

Tgt Ion:122 Resp: 85015
Ion Ratio Lower Upper
122 100
105 131.3 106.7 146.7
77 103.5 81.1 121.1





#33

4-Chloroaniline

Concen: 40.291 ng

RT: 8.204 min Scan# 1039

Delta R.T. 0.000 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

Instrument :

BNA_F

ClientSampleId :

VNJ-222MS

Tgt Ion:127 Resp: 175801

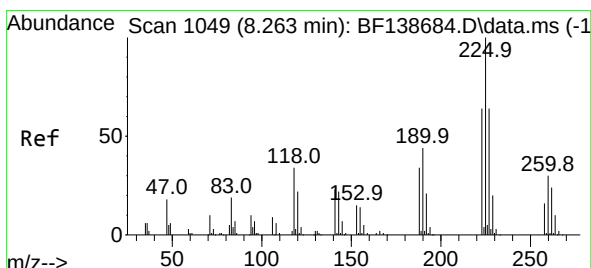
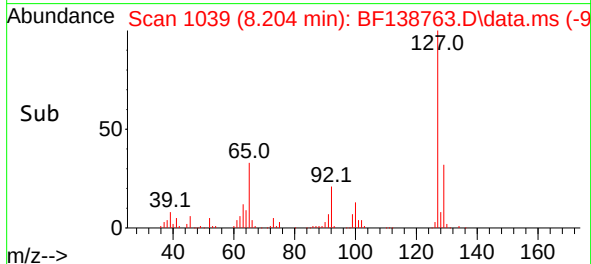
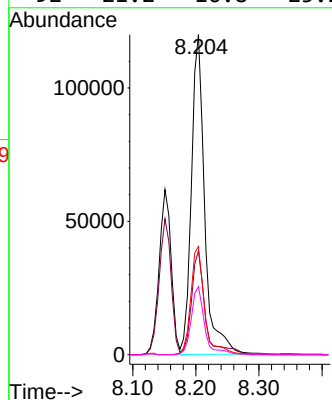
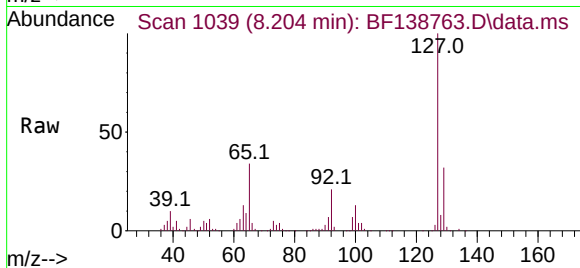
Ion Ratio Lower Upper

127 100

129 32.4 25.9 38.9

65 33.8 27.6 41.4

92 21.2 16.8 25.2



#34

Hexachlorobutadiene

Concen: 47.224 ng

RT: 8.263 min Scan# 1049

Delta R.T. -0.000 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

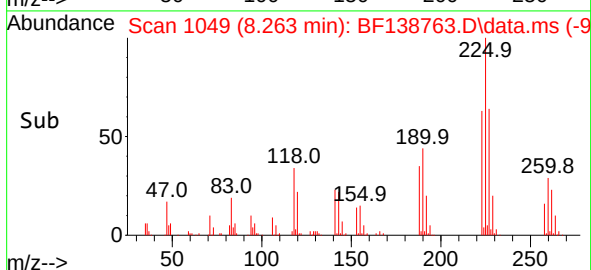
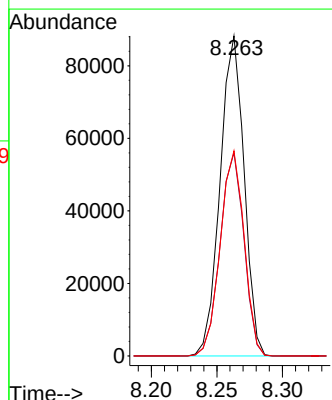
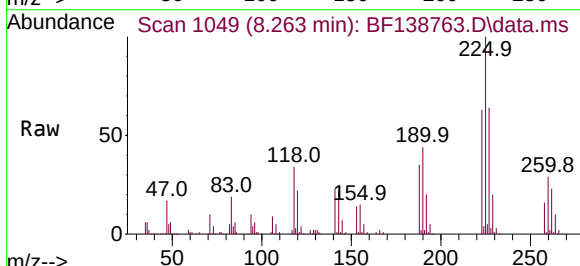
Tgt Ion:225 Resp: 112220

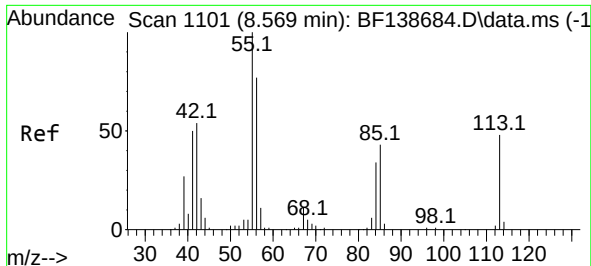
Ion Ratio Lower Upper

225 100

223 63.5 51.2 76.8

227 64.1 51.1 76.7

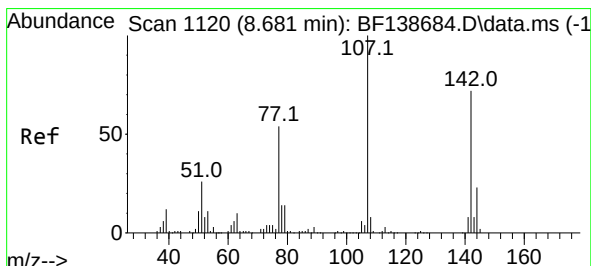
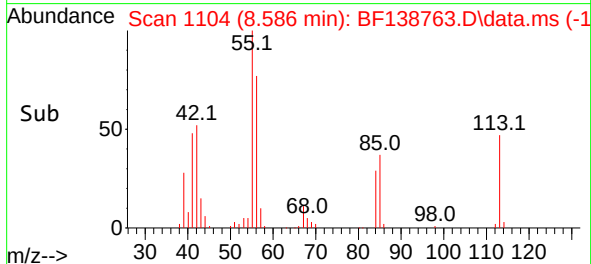
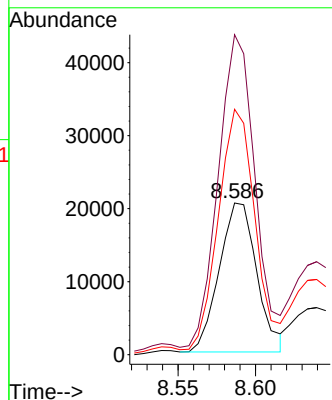
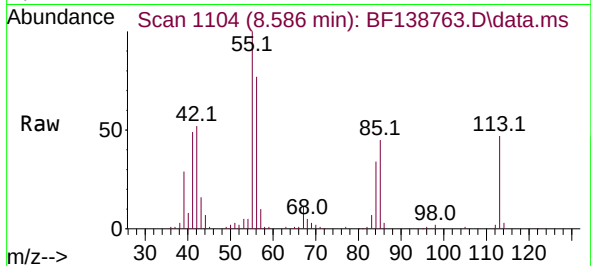




#35
Caprolactam
Concen: 33.925 ng
RT: 8.586 min Scan# 1104
Delta R.T. 0.018 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

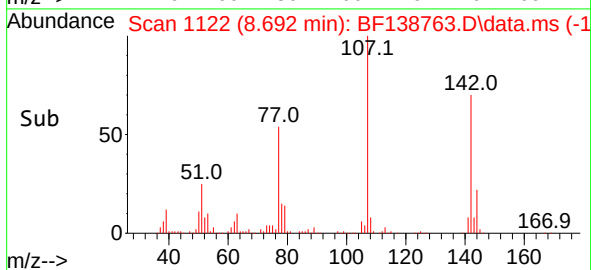
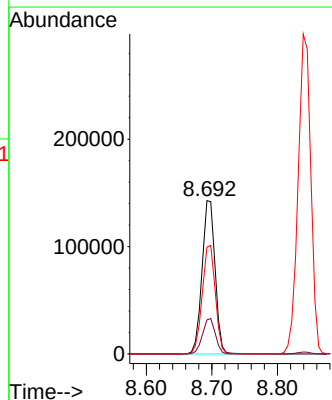
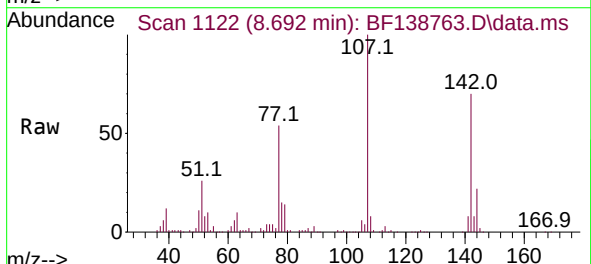
Instrument :
BNA_F
ClientSampleId :
VNJ-222MS

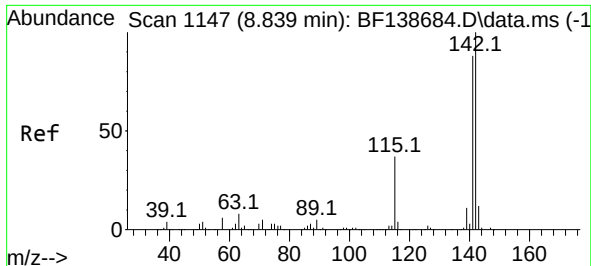
Tgt Ion:113 Resp: 34414
Ion Ratio Lower Upper
113 100
55 211.1 186.7 226.7
56 161.9 138.9 178.9



#36
4-Chloro-3-methylphenol
Concen: 51.147 ng
RT: 8.692 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

Tgt Ion:107 Resp: 198723
Ion Ratio Lower Upper
107 100
144 22.3 18.2 27.2
142 69.8 57.4 86.2





#37

2-Methylnaphthalene

Concen: 48.592 ng

RT: 8.839 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

Instrument :

BNA_F

ClientSampleId :

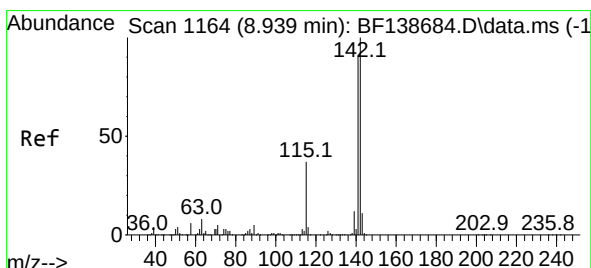
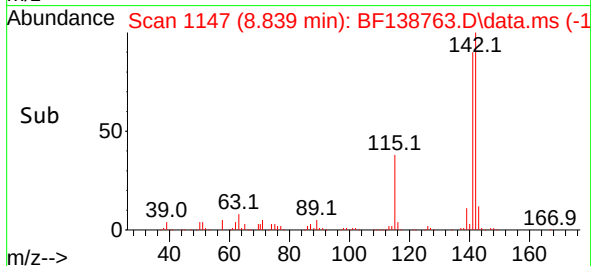
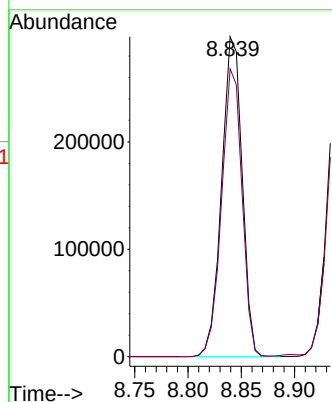
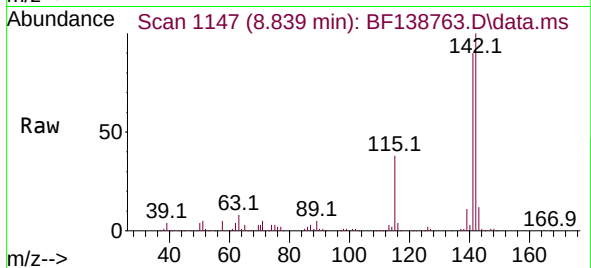
VNJ-222MS

Tgt Ion:142 Resp: 398906

Ion Ratio Lower Upper

142 100

141 90.0 70.8 106.2



#38

1-Methylnaphthalene

Concen: 46.310 ng

RT: 8.939 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF138763.D

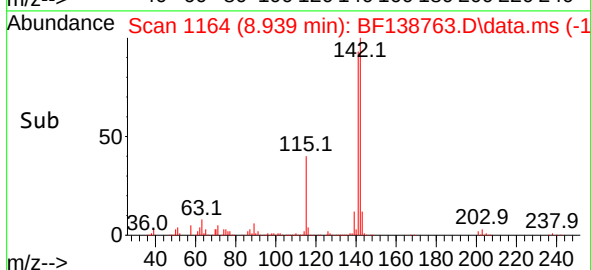
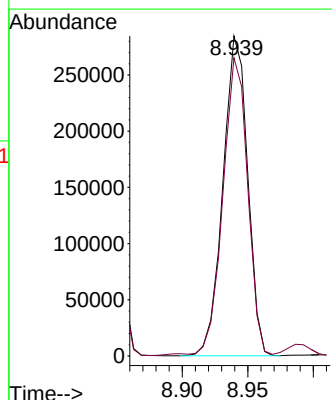
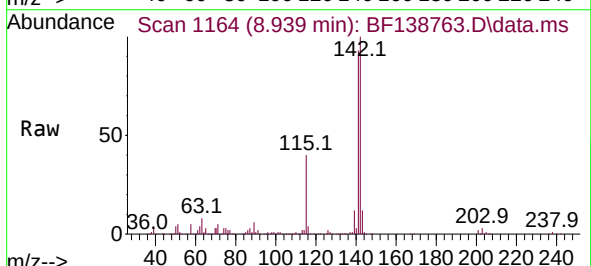
Acq: 03 Aug 2024 11:32

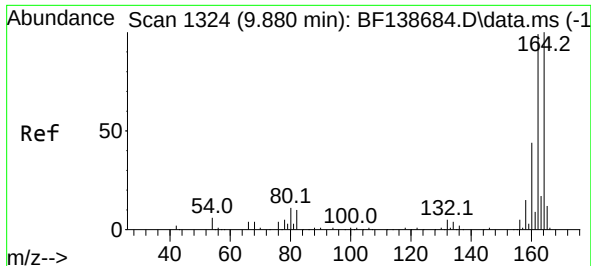
Tgt Ion:142 Resp: 372534

Ion Ratio Lower Upper

142 100

141 93.1 73.1 109.7

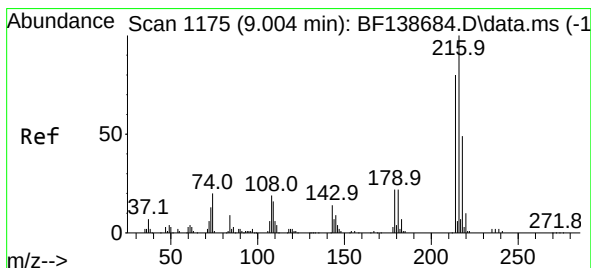
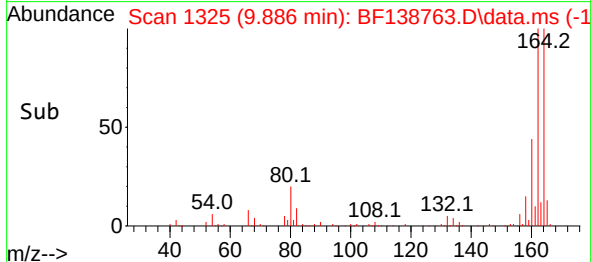
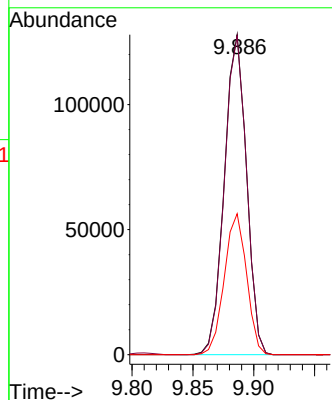
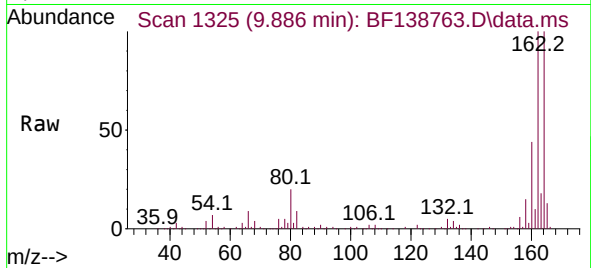




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1175
Delta R.T. 0.006 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

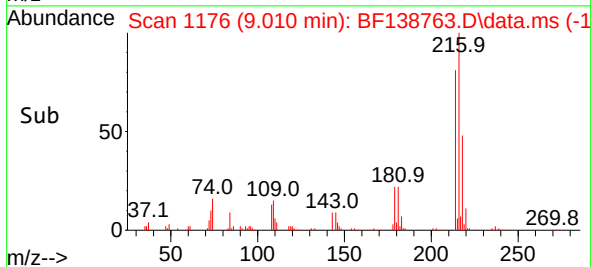
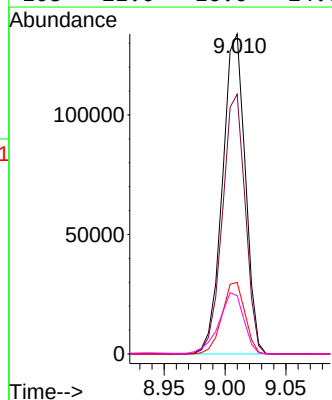
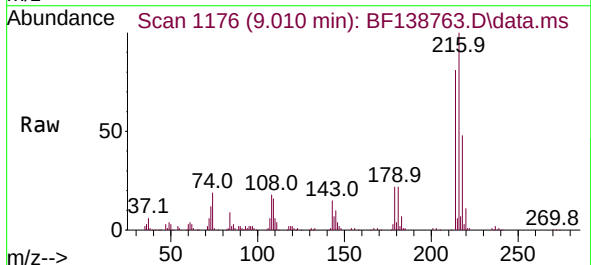
Instrument :
BNA_F
ClientSampleId :
VNJ-222MS

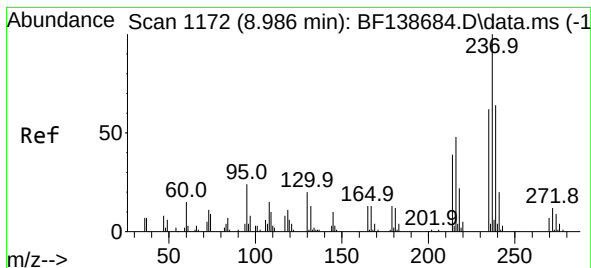
Tgt Ion:164 Resp: 162491
Ion Ratio Lower Upper
164 100
162 99.7 79.4 119.0
160 44.0 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.666 ng
RT: 9.010 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

Tgt Ion:216 Resp: 174532
Ion Ratio Lower Upper
216 100
214 81.0 63.9 95.9
179 22.5 17.8 26.6
108 21.0 16.0 24.0





#41

Hexachlorocyclopentadiene

Concen: 84.226 ng

RT: 8.992 min Scan# 1172

Delta R.T. 0.006 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

Instrument :

BNA_F

ClientSampleId :

VNJ-222MS

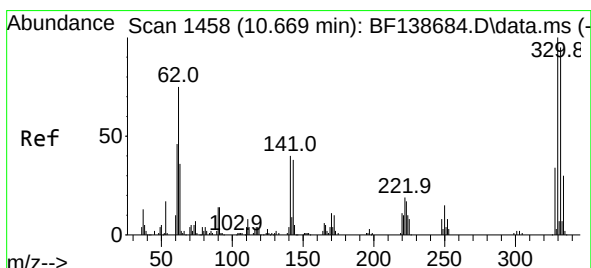
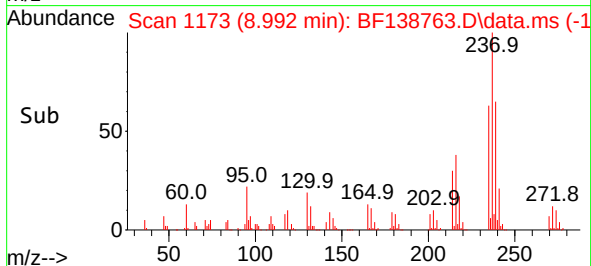
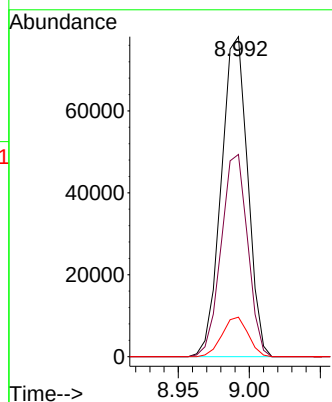
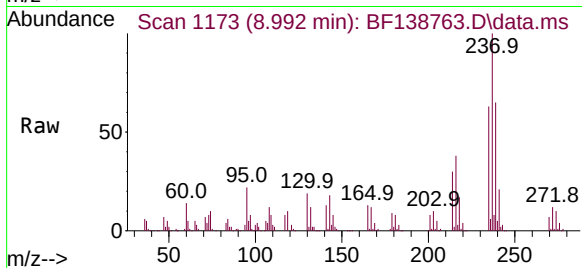
Tgt Ion:237 Resp: 101110

Ion Ratio Lower Upper

237 100

235 63.2 41.8 81.8

272 12.4 0.0 32.2



#42

2,4,6-Tribromophenol

Concen: 86.946 ng

RT: 10.680 min Scan# 1460

Delta R.T. 0.012 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

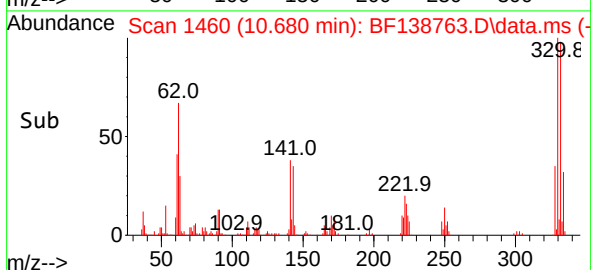
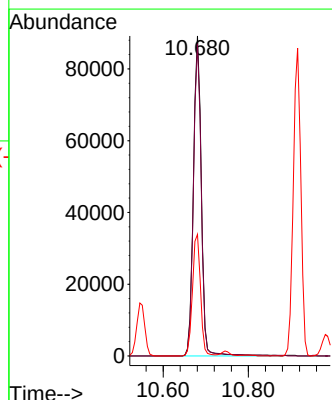
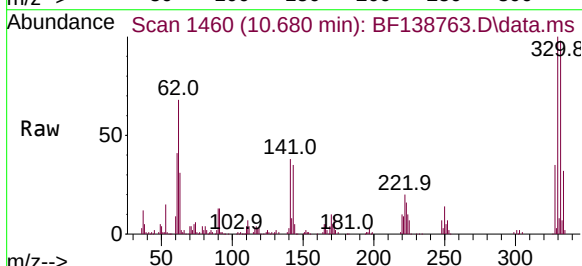
Tgt Ion:330 Resp: 115727

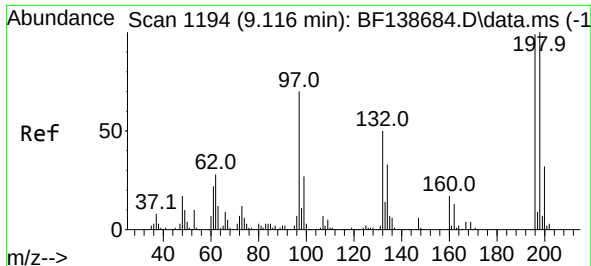
Ion Ratio Lower Upper

330 100

332 96.5 76.4 114.6

141 38.5 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 43.606 ng

RT: 9.128 min Scan# 1194

Delta R.T. 0.012 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

Instrument :

BNA_F

ClientSampleId :

VNJ-222MS

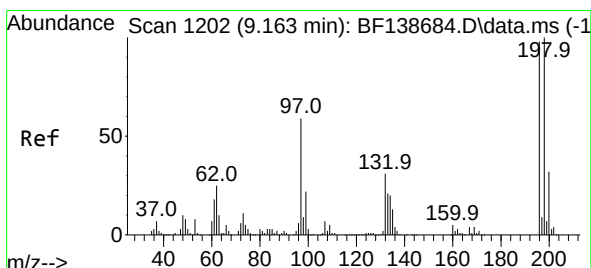
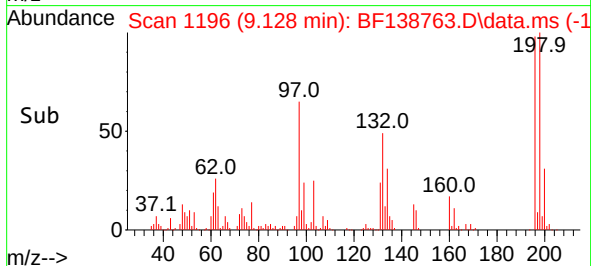
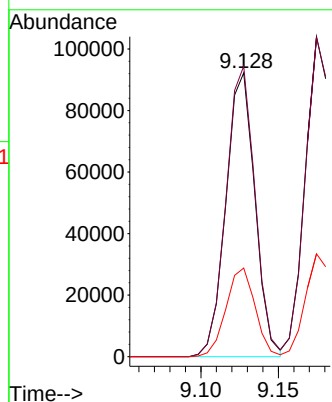
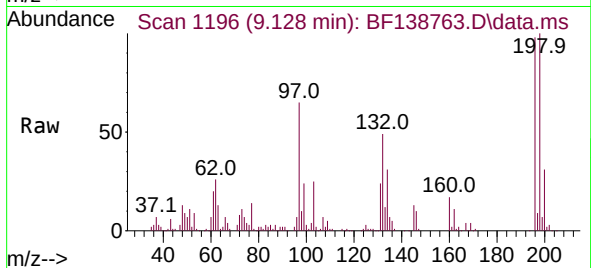
Tgt Ion:196 Resp: 120010

Ion Ratio Lower Upper

196 100

198 102.3 80.5 120.7

200 31.2 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 42.904 ng

RT: 9.175 min Scan# 1204

Delta R.T. 0.012 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

Tgt Ion:196 Resp: 129082

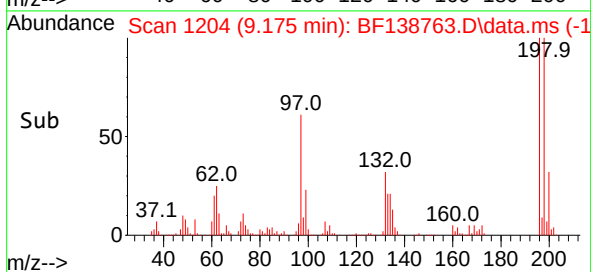
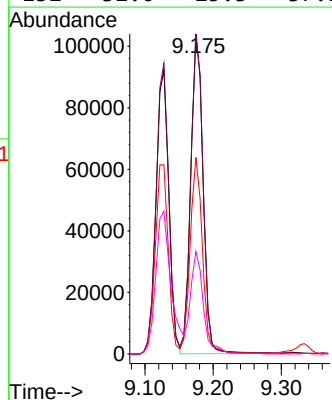
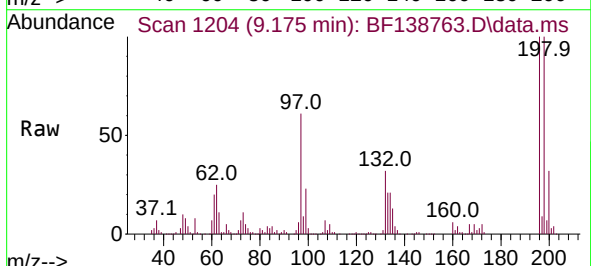
Ion Ratio Lower Upper

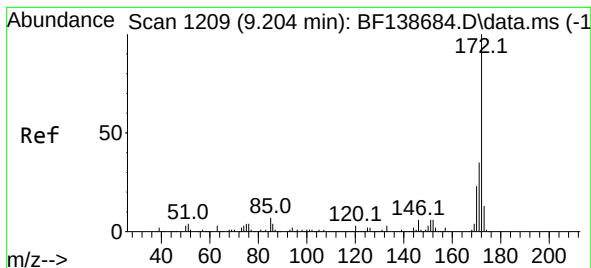
196 100

198 99.7 81.2 121.8

97 61.4 47.8 71.6

132 32.0 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 56.184 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

Instrument :

BNA_F

ClientSampleId :

VNJ-222MS

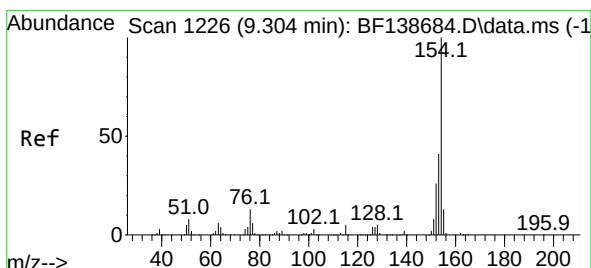
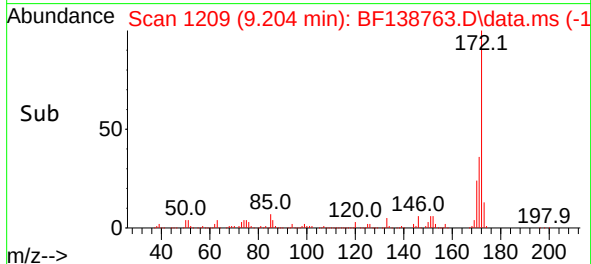
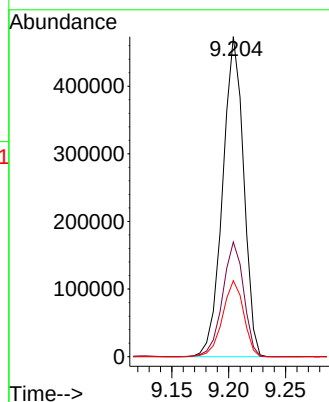
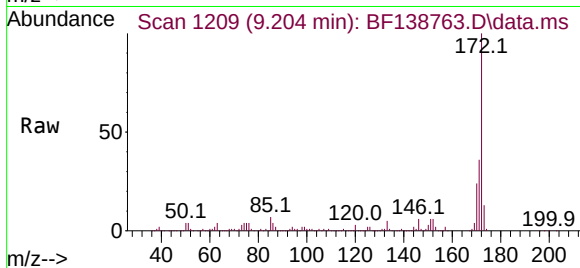
Tgt Ion:172 Resp: 607617

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.7 18.8 28.2



#46

1,1'-Biphenyl

Concen: 41.457 ng

RT: 9.304 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

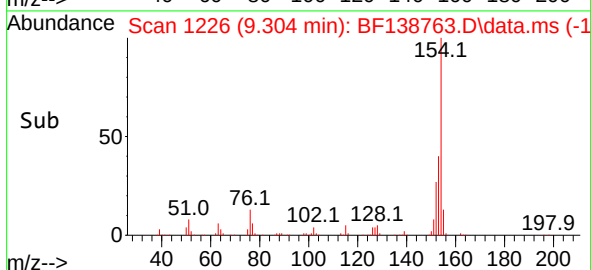
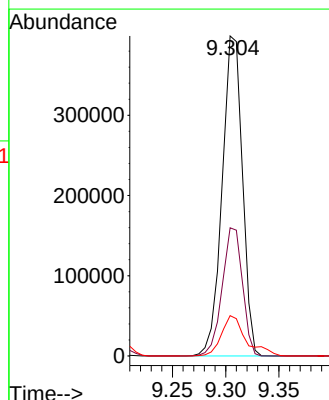
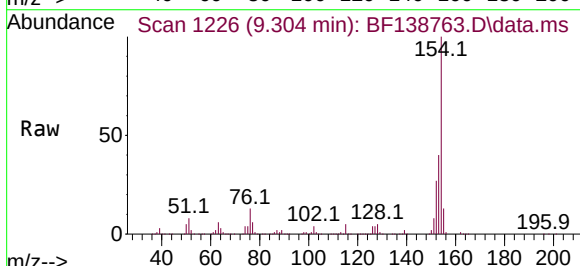
Tgt Ion:154 Resp: 527586

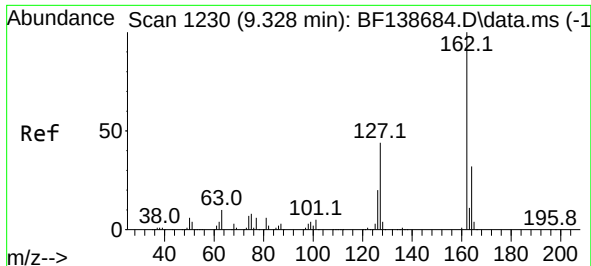
Ion Ratio Lower Upper

154 100

153 40.1 20.8 60.8

76 12.6 0.0 32.8





#47

2-Chloronaphthalene

Concen: 43.613 ng

RT: 9.333 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

Instrument :

BNA_F

ClientSampleId :

VNJ-222MS

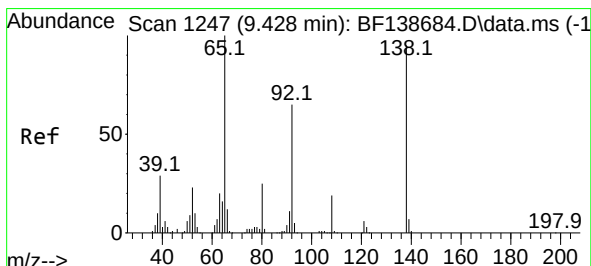
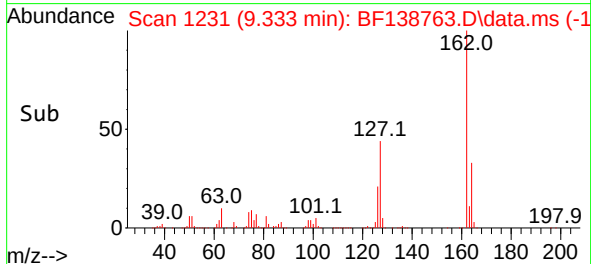
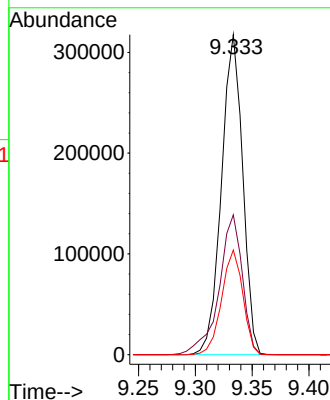
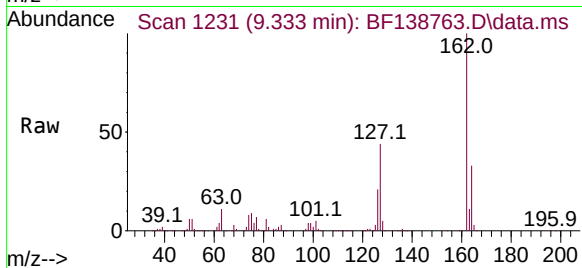
Tgt Ion:162 Resp: 412789

Ion Ratio Lower Upper

162 100

127 43.7 35.4 53.2

164 32.7 25.6 38.4



#48

2-Nitroaniline

Concen: 51.373 ng

RT: 9.433 min Scan# 1248

Delta R.T. 0.006 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

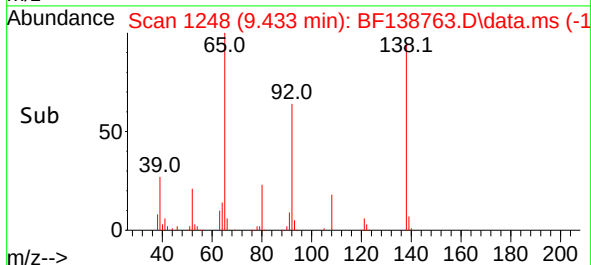
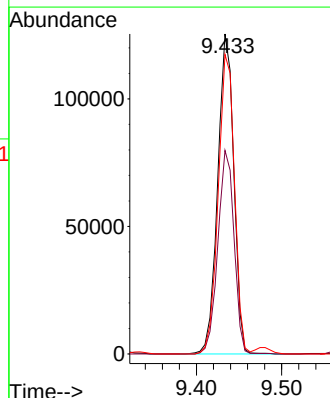
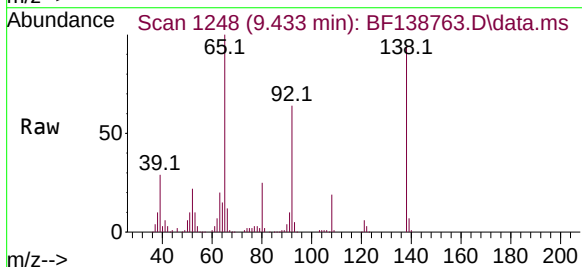
Tgt Ion: 65 Resp: 164840

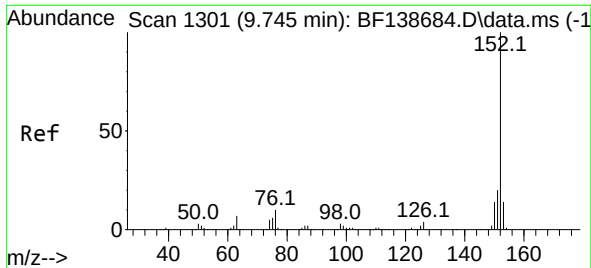
Ion Ratio Lower Upper

65 100

92 63.6 52.0 78.0

138 93.6 76.2 114.4





#49

Acenaphthylene

Concen: 51.881 ng

RT: 9.751 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

Instrument :

BNA_F

ClientSampleId :

VNJ-222MS

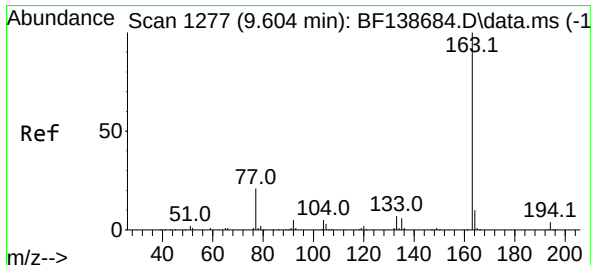
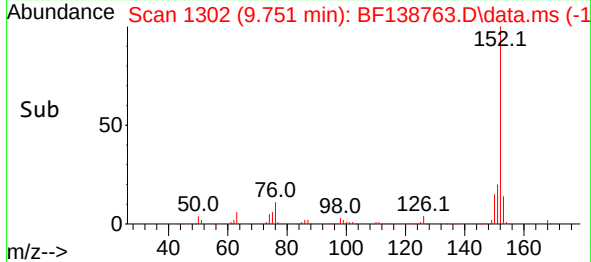
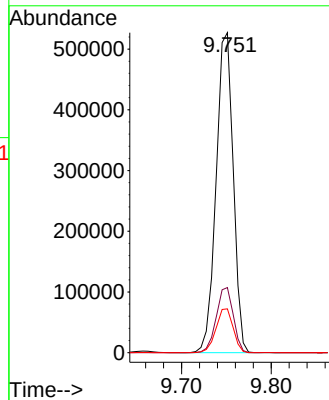
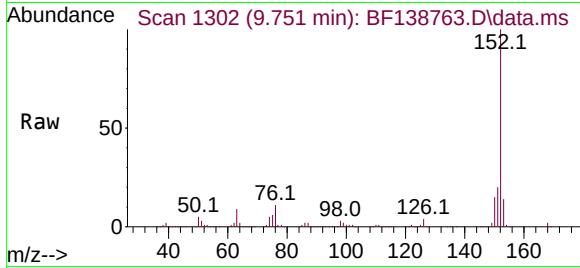
Tgt Ion:152 Resp: 696440

Ion Ratio Lower Upper

152 100

151 20.4 16.0 24.0

153 13.7 11.0 16.4



#50

Dimethylphthalate

Concen: 51.564 ng

RT: 9.610 min Scan# 1278

Delta R.T. 0.006 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

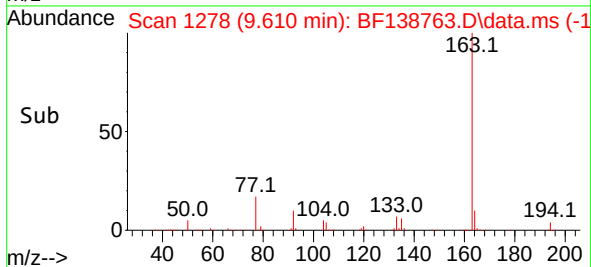
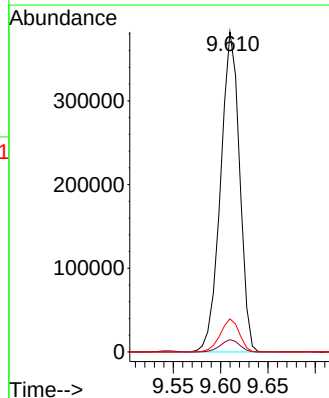
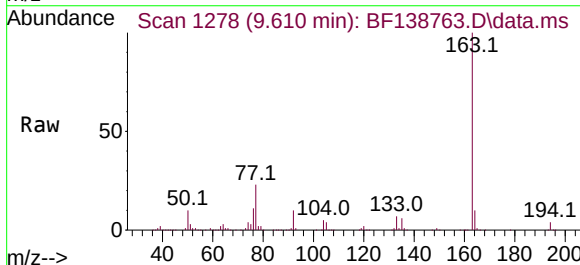
Tgt Ion:163 Resp: 535747

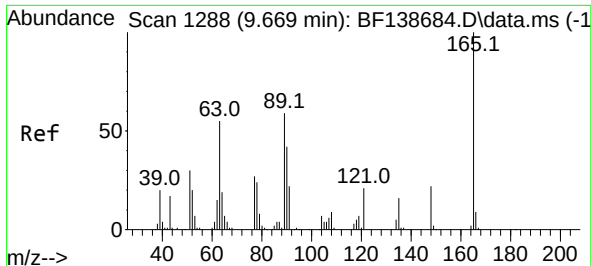
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.4 7.8 11.8

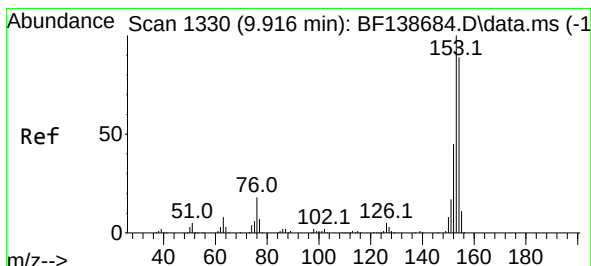
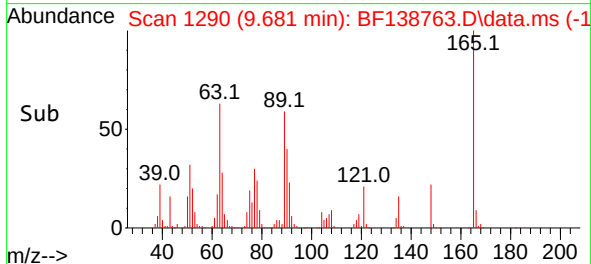
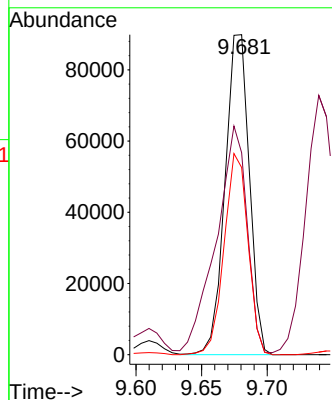
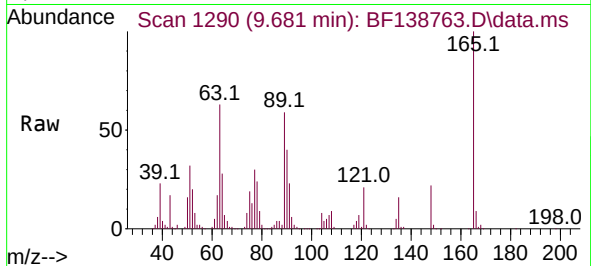




#51
2,6-Dinitrotoluene
Concen: 49.359 ng
RT: 9.681 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

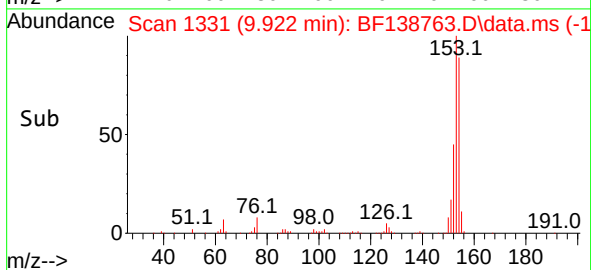
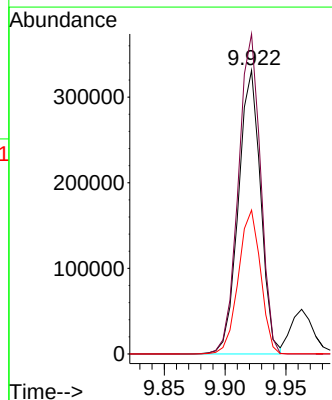
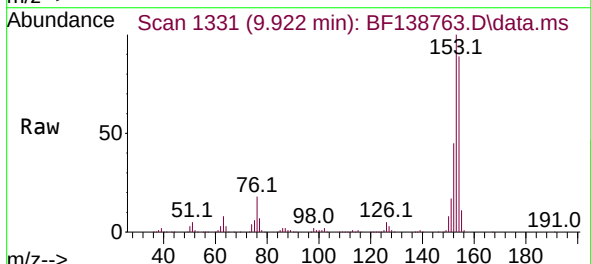
Instrument :
BNA_F
ClientSampleId :
VNJ-222MS

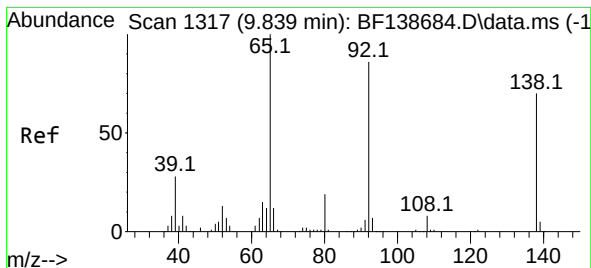
Tgt Ion:165 Resp: 115738
Ion Ratio Lower Upper
165 100
63 63.1 52.0 78.0
89 58.5 47.0 70.6



#52
Acenaphthene
Concen: 46.767 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

Tgt Ion:154 Resp: 422015
Ion Ratio Lower Upper
154 100
153 112.8 89.9 134.9
152 50.7 40.6 60.8





#53

3-Nitroaniline

Concen: 42.051 ng

RT: 9.845 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

Instrument :

BNA_F

ClientSampleId :

VNJ-222MS

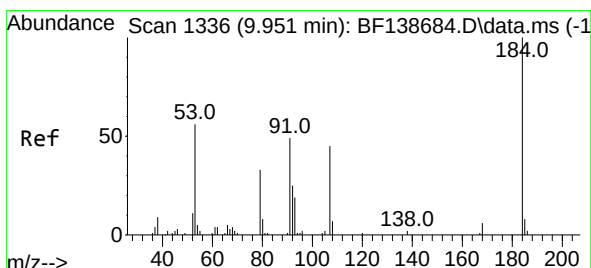
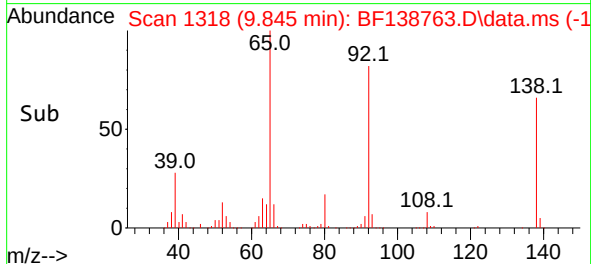
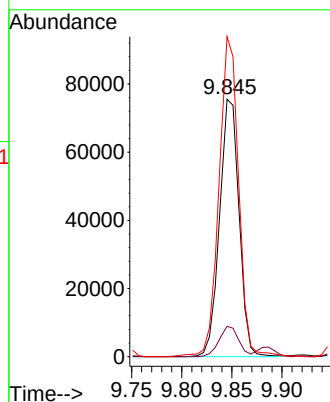
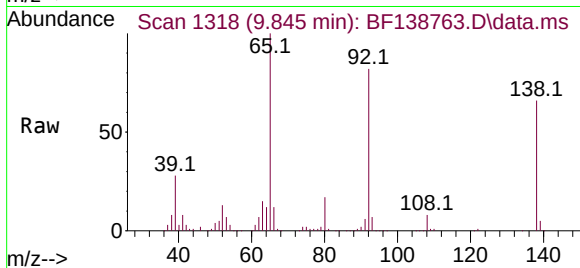
Tgt Ion:138 Resp: 101932

Ion Ratio Lower Upper

138 100

108 11.8 9.1 13.7

92 124.3 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 98.006 ng

RT: 9.963 min Scan# 1338

Delta R.T. 0.012 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

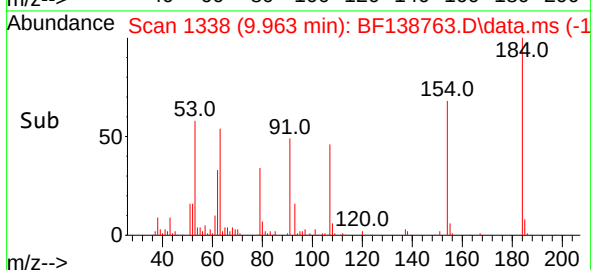
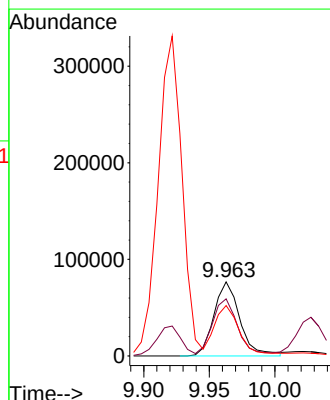
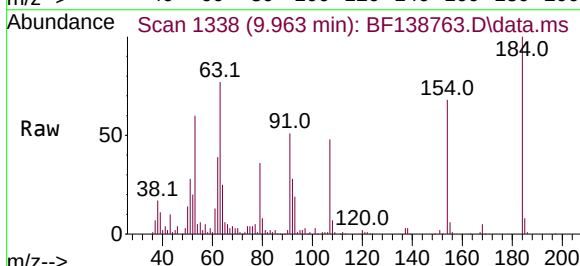
Tgt Ion:184 Resp: 105787

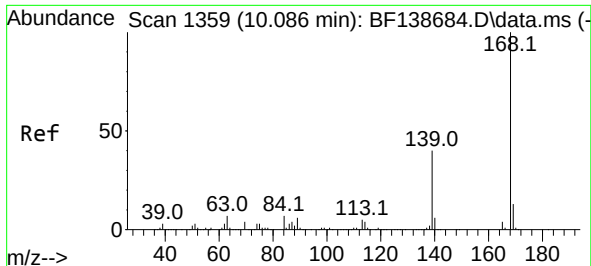
Ion Ratio Lower Upper

184 100

63 77.0 57.5 86.3

154 68.0 51.7 77.5

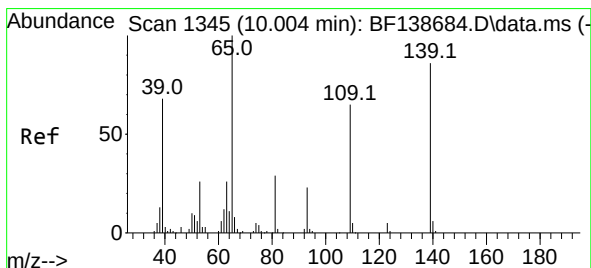
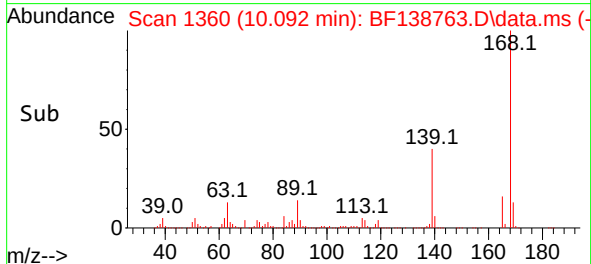
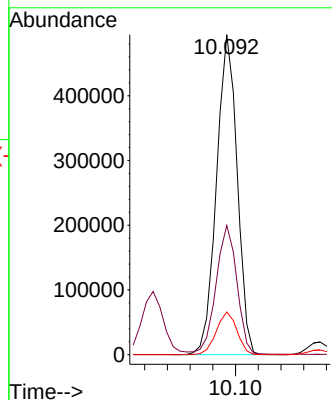
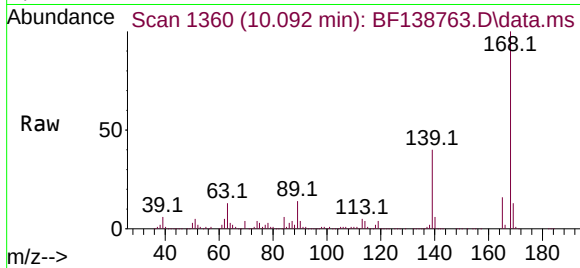




#55
Dibenzenofuran
Concen: 49.083 ng
RT: 10.092 min Scan# 1360
Delta R.T. 0.006 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

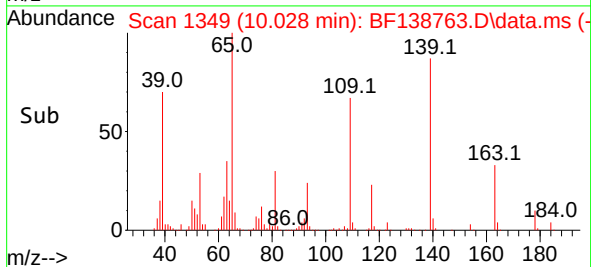
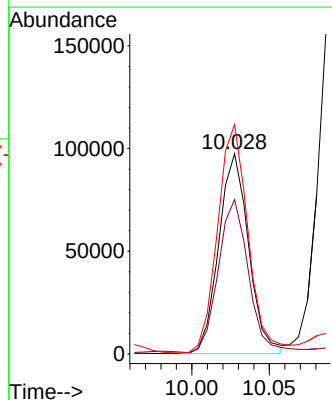
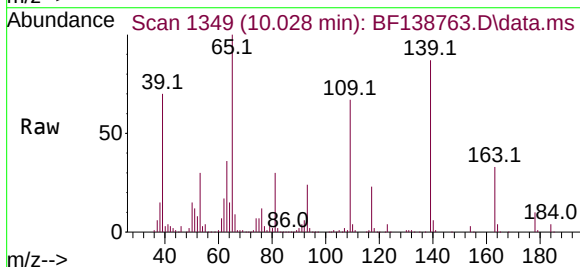
Instrument :
BNA_F
ClientSampleId :
VNJ-222MS

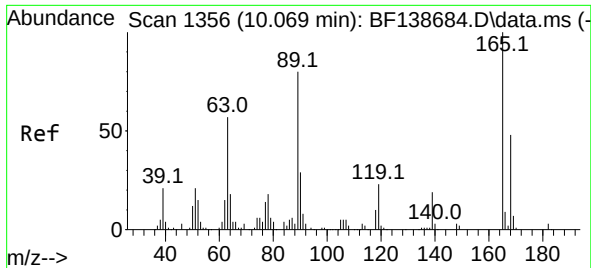
Tgt Ion:168 Resp: 625218
Ion Ratio Lower Upper
168 100
139 40.4 32.6 49.0
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 89.643 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.024 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

Tgt Ion:139 Resp: 130671
Ion Ratio Lower Upper
139 100
109 77.1 55.5 95.5
65 114.5 96.7 136.7

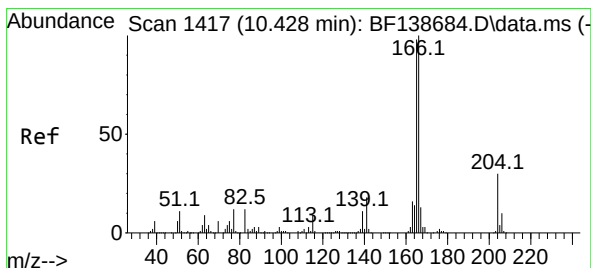
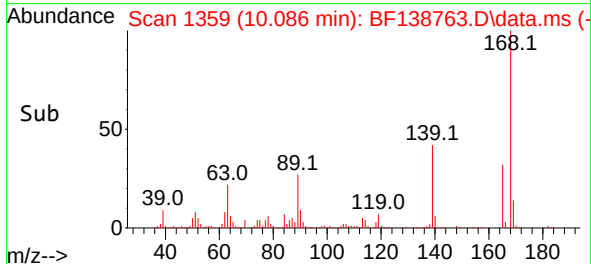
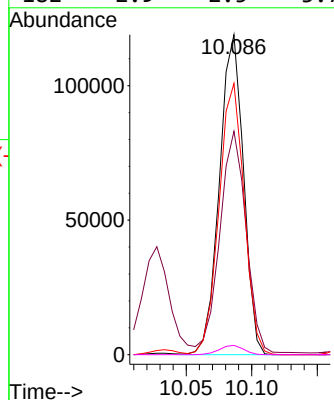
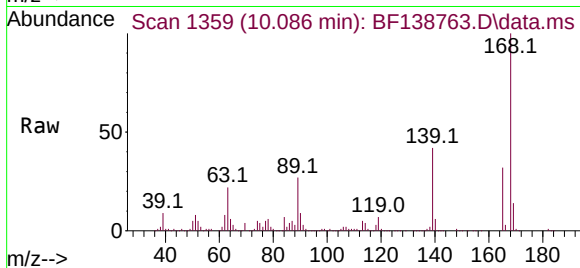




#57
2,4-Dinitrotoluene
Concen: 50.622 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

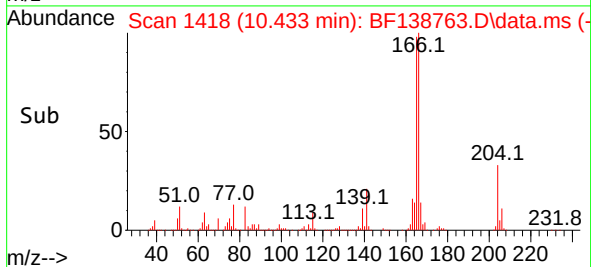
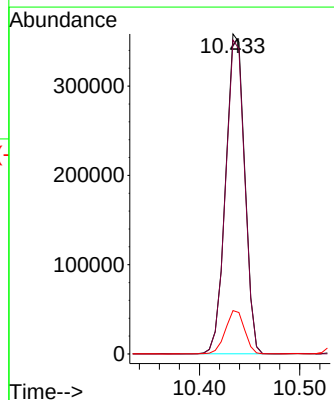
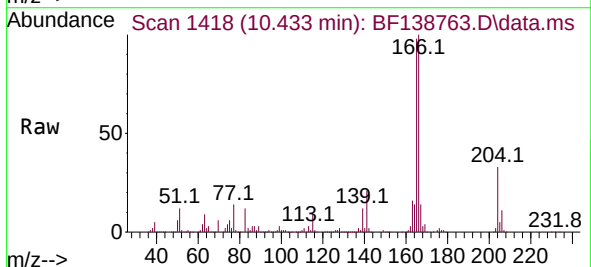
Instrument :
BNA_F
ClientSampleId :
VNJ-222MS

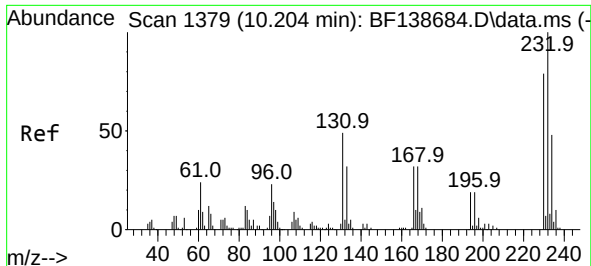
Tgt Ion:165 Resp: 151439
Ion Ratio Lower Upper
165 100
63 69.8 46.3 69.5#
89 84.8 64.2 96.4
182 2.9 2.5 3.7



#58
Fluorene
Concen: 46.461 ng
RT: 10.433 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

Tgt Ion:166 Resp: 471287
Ion Ratio Lower Upper
166 100
165 98.1 78.4 117.6
167 13.6 10.6 16.0

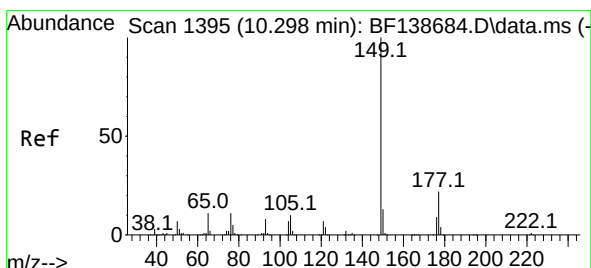
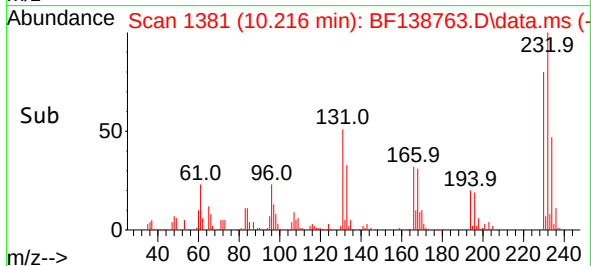
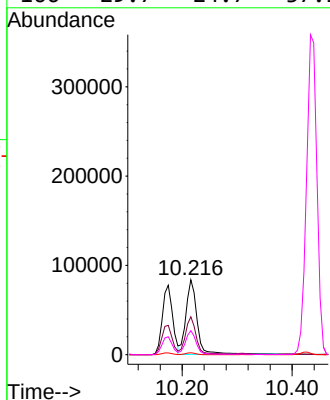
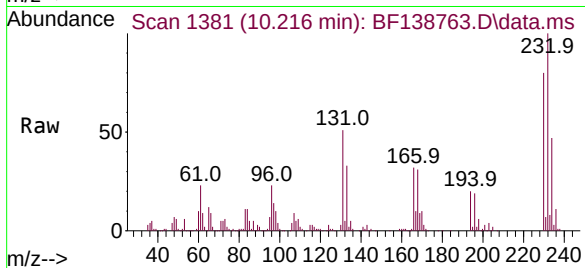




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.120 ng
RT: 10.216 min Scan# 1381
Delta R.T. 0.012 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

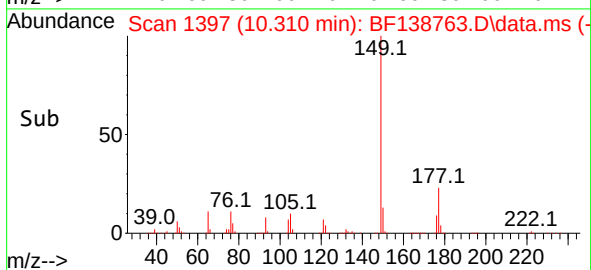
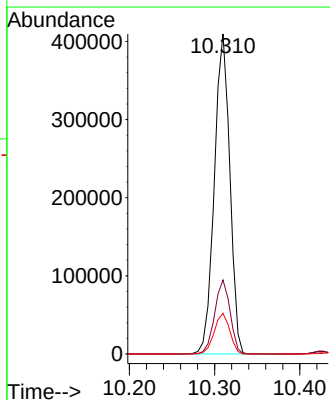
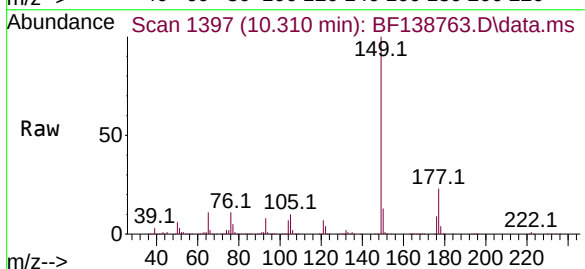
Instrument :
BNA_F
ClientSampleId :
VNJ-222MS

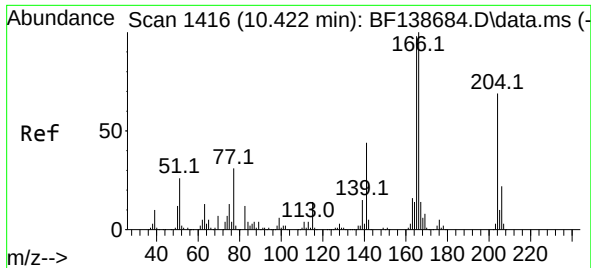
Tgt Ion:232 Resp: 117584
Ion Ratio Lower Upper
232 100
131 48.5 37.0 55.4
130 2.4 2.0 3.0
166 29.7 24.7 37.1



#60
Diethylphthalate
Concen: 52.657 ng
RT: 10.310 min Scan# 1397
Delta R.T. 0.012 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

Tgt Ion:149 Resp: 518746
Ion Ratio Lower Upper
149 100
177 23.1 17.8 26.8
150 12.7 10.1 15.1

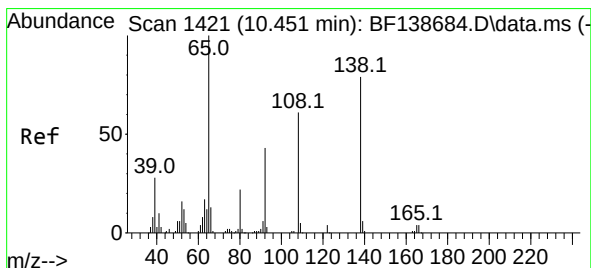
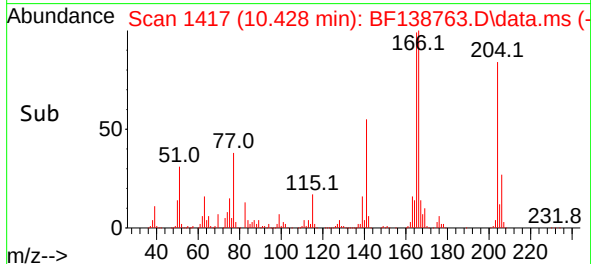
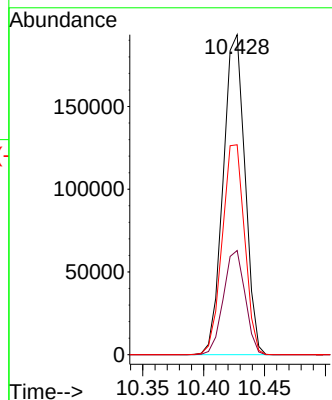
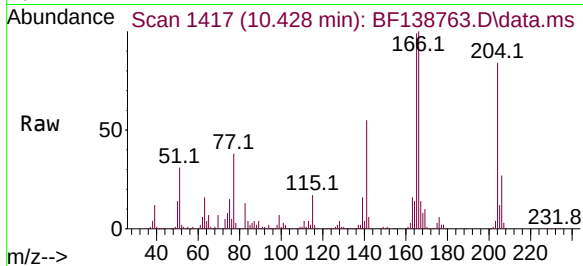




#61
4-Chlorophenyl-phenylether
Concen: 48.428 ng
RT: 10.428 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

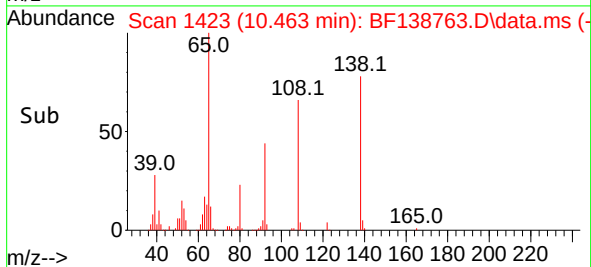
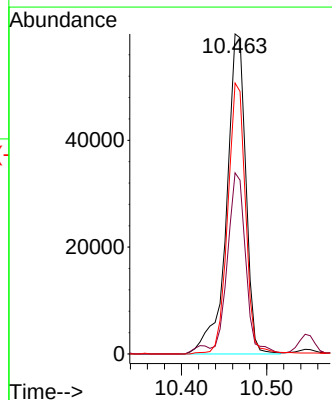
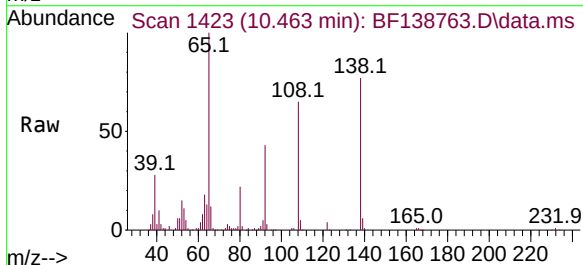
Instrument :
BNA_F
ClientSampleId :
VNJ-222MS

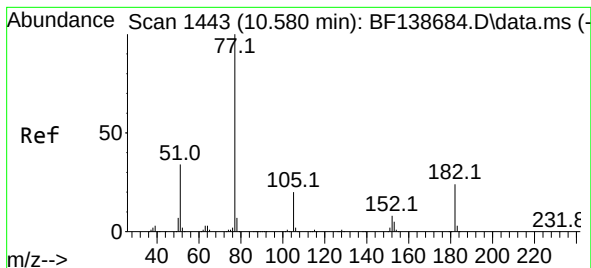
Tgt Ion:204 Resp: 241601
Ion Ratio Lower Upper
204 100
206 32.6 26.1 39.1
141 65.6 51.4 77.0



#62
4-Nitroaniline
Concen: 40.763 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

Tgt Ion:138 Resp: 93900
Ion Ratio Lower Upper
138 100
92 56.6 34.2 74.2
108 84.6 56.2 96.2





#63

Azobenzene

Concen: 42.407 ng

RT: 10.586 min Scan# 1443

Delta R.T. 0.006 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

Instrument :

BNA_F

ClientSampleId :

VNJ-222MS

Tgt Ion: 77 Resp: 463351

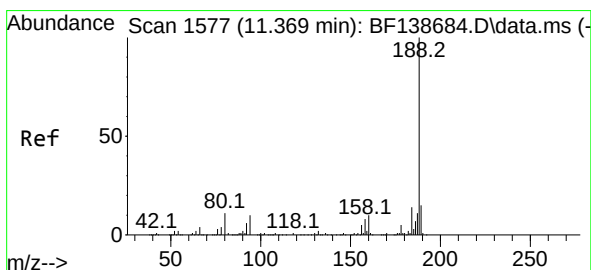
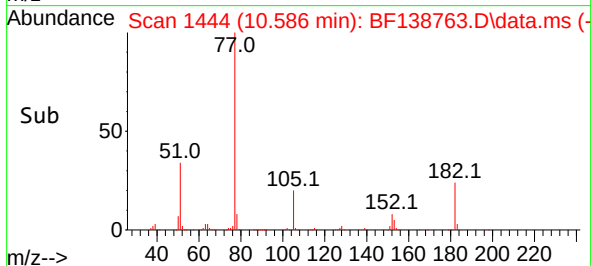
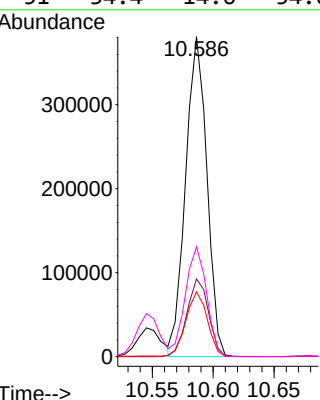
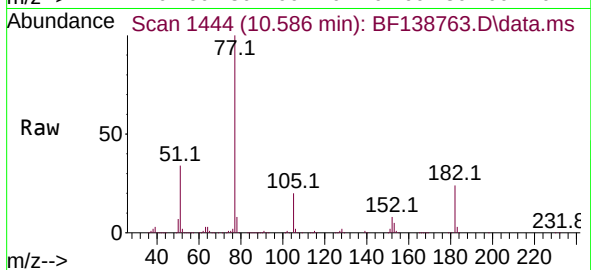
Ion Ratio Lower Upper

77 100

182 24.3 3.4 43.4

105 20.2 0.2 40.2

51 34.4 14.6 54.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1578

Delta R.T. 0.006 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

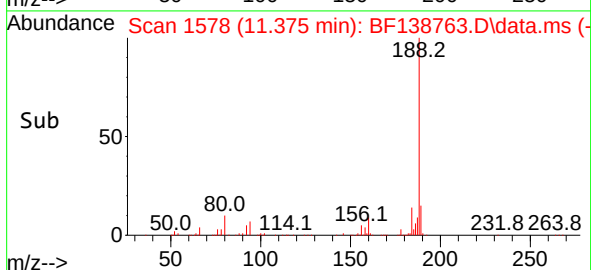
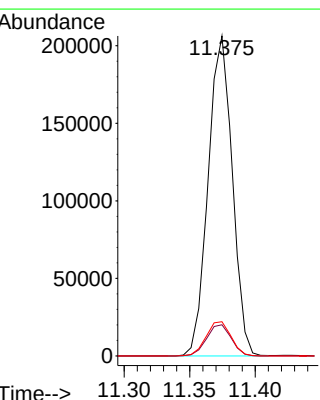
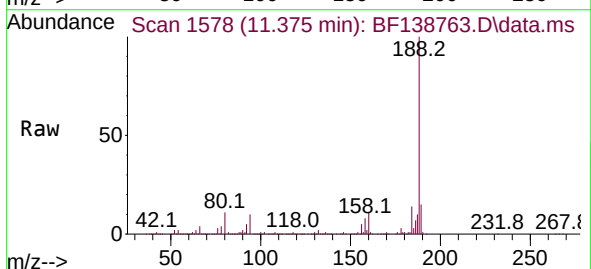
Tgt Ion: 188 Resp: 264133

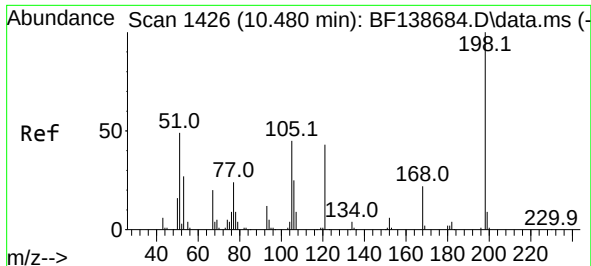
Ion Ratio Lower Upper

188 100

94 9.8 7.6 11.4

80 10.7 8.6 12.8

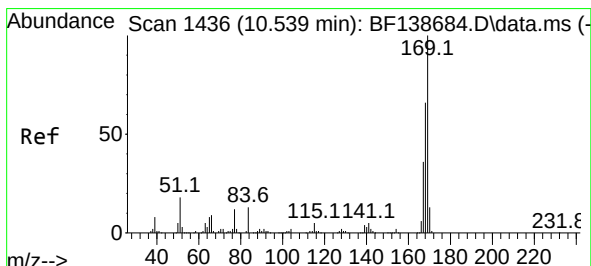
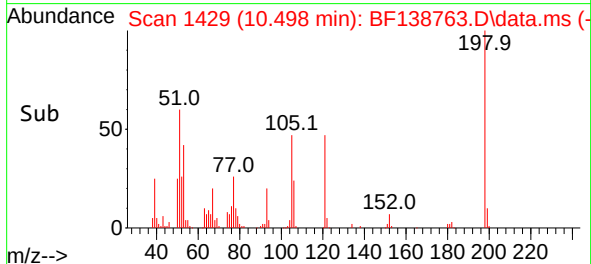
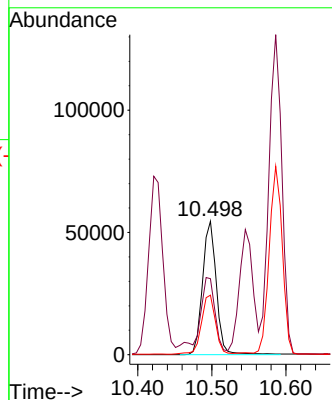
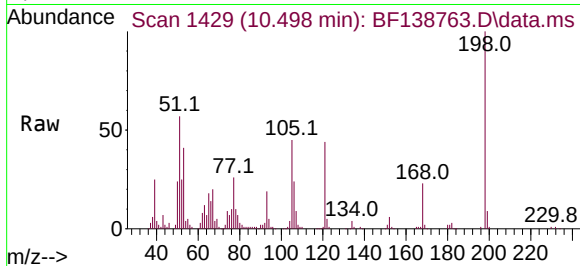




#65
4,6-Dinitro-2-methylphenol
Concen: 43.961 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.018 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

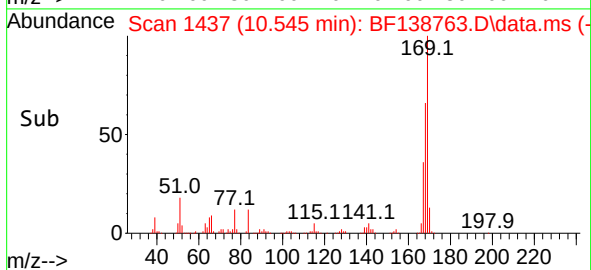
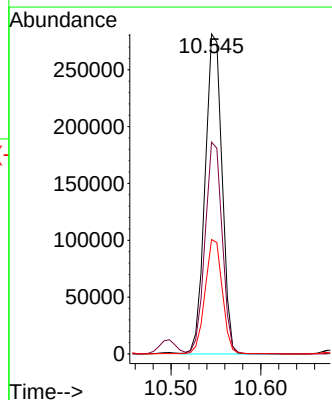
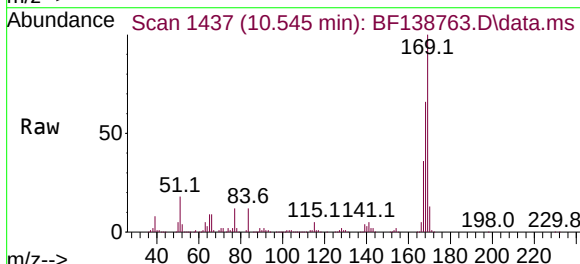
Instrument :
BNA_F
ClientSampleId :
VNJ-222MS

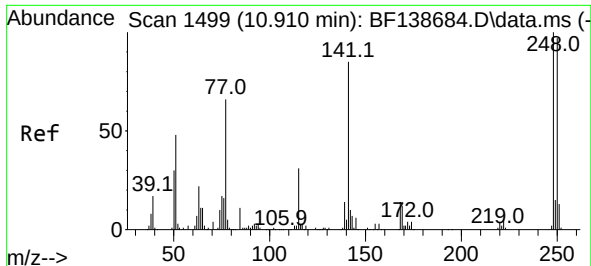
Tgt Ion:198 Resp: 70841
Ion Ratio Lower Upper
198 100
51 56.9 39.9 79.9
105 44.6 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 44.693 ng
RT: 10.545 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

Tgt Ion:169 Resp: 368997
Ion Ratio Lower Upper
169 100
168 66.2 53.0 79.6
167 35.8 29.0 43.6

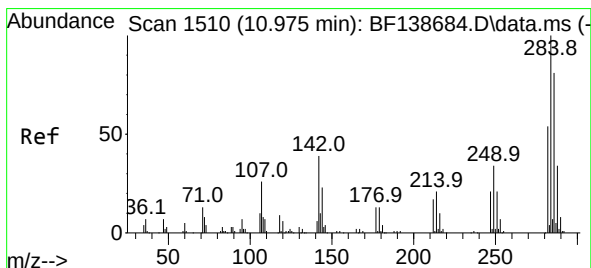
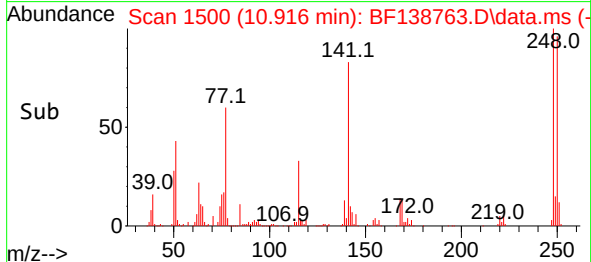
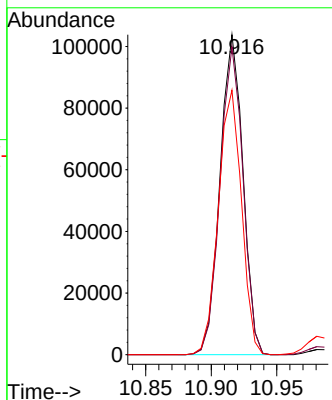
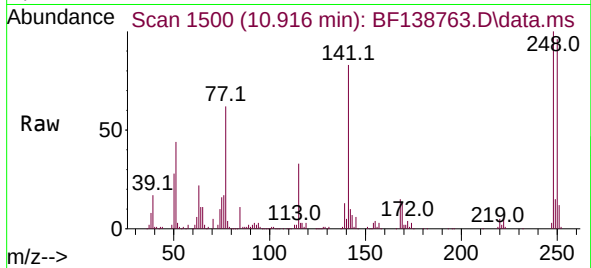




#67
4-Bromophenyl-phenylether
Concen: 44.095 ng
RT: 10.916 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

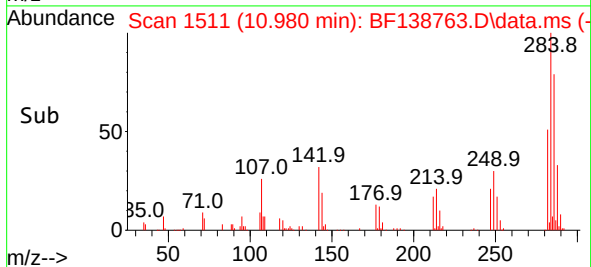
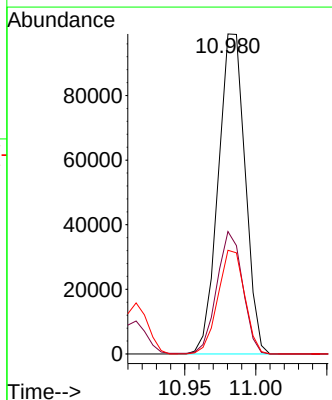
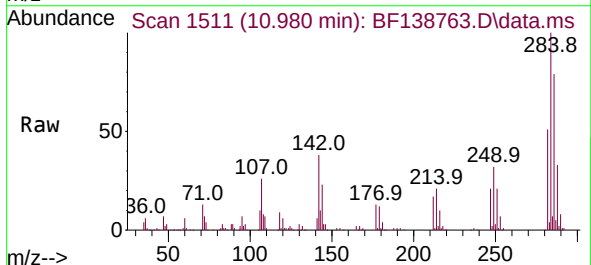
Instrument :
BNA_F
ClientSampleId :
VNJ-222MS

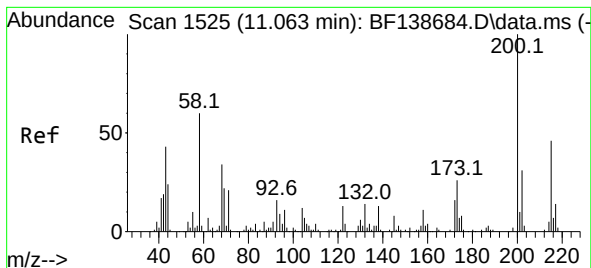
Tgt Ion:248 Resp: 126100
Ion Ratio Lower Upper
248 100
250 96.2 77.7 116.5
141 82.6 68.0 102.0



#68
Hexachlorobenzene
Concen: 44.198 ng
RT: 10.980 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

Tgt Ion:284 Resp: 130504
Ion Ratio Lower Upper
284 100
142 38.3 31.3 46.9
249 32.4 27.2 40.8





#69

Atrazine

Concen: 52.305 ng

RT: 11.075 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

Instrument :

BNA_F

ClientSampleId :

VNJ-222MS

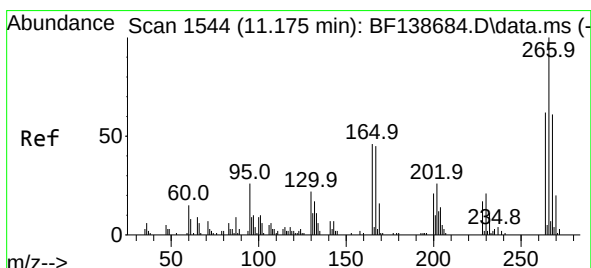
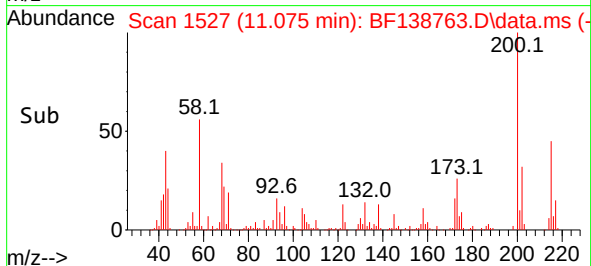
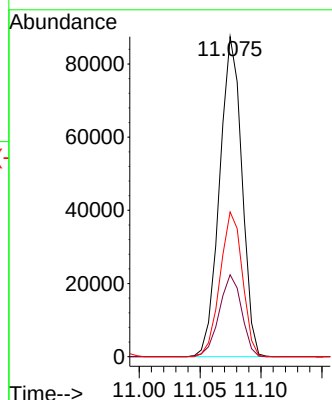
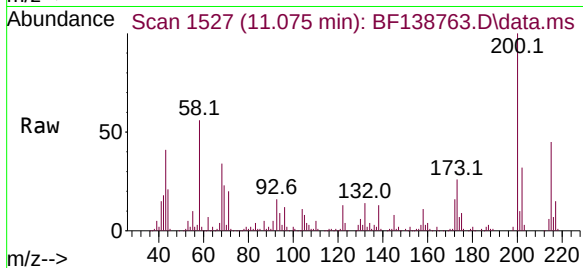
Tgt Ion:200 Resp: 111415

Ion Ratio Lower Upper

200 100

173 25.6 6.0 46.0

215 45.3 26.1 66.1



#70

Pentachlorophenol

Concen: 76.651 ng

RT: 11.186 min Scan# 1546

Delta R.T. 0.011 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

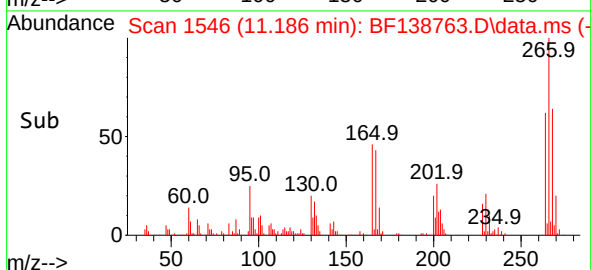
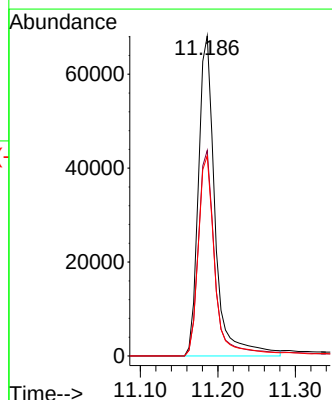
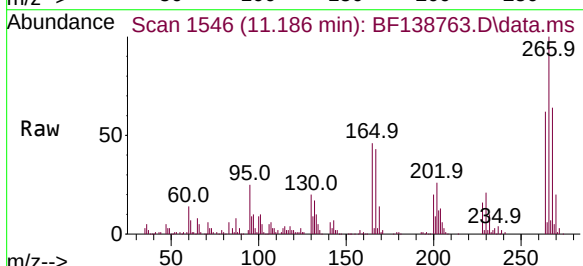
Tgt Ion:266 Resp: 102016

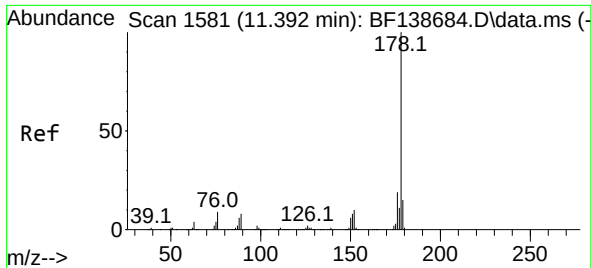
Ion Ratio Lower Upper

266 100

268 64.2 49.2 73.8

264 62.5 49.8 74.6

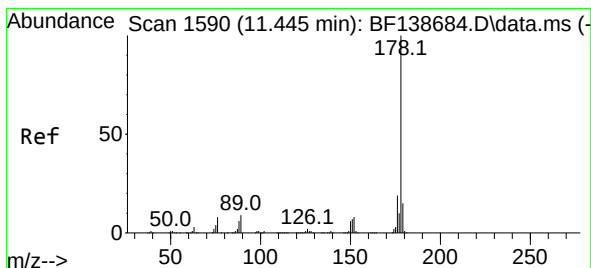
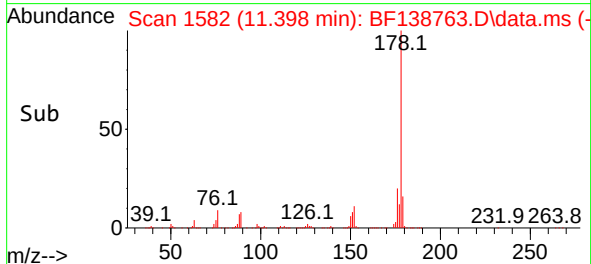
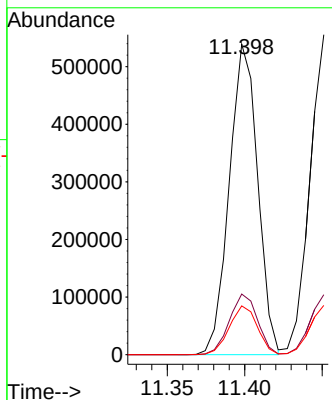
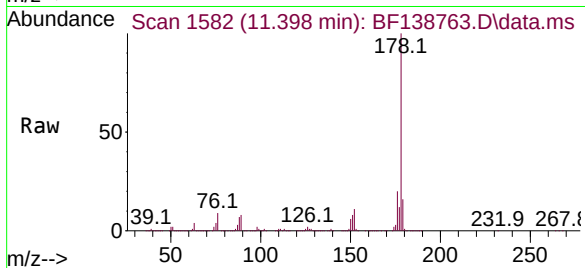




#71
Phenanthrene
Concen: 50.424 ng
RT: 11.398 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

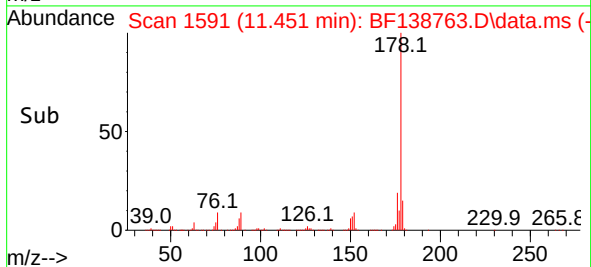
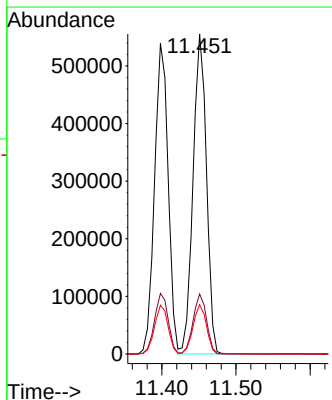
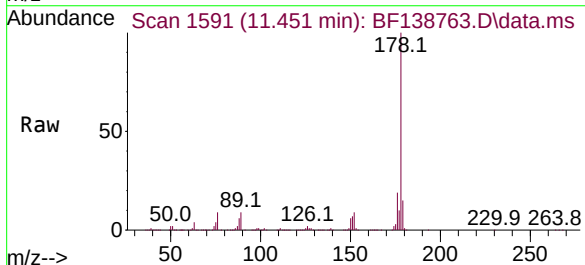
Instrument :
BNA_F
ClientSampleId :
VNJ-222MS

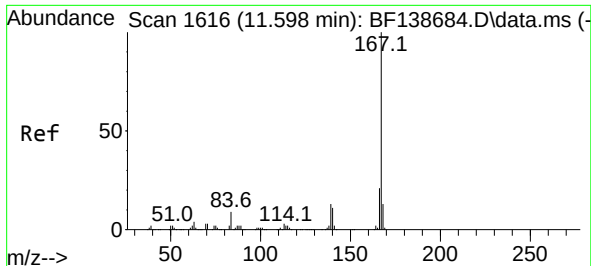
Tgt Ion:178 Resp: 685800
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.7 12.2 18.2



#72
Anthracene
Concen: 51.878 ng
RT: 11.451 min Scan# 1591
Delta R.T. 0.006 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

Tgt Ion:178 Resp: 695087
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.4 12.4 18.6

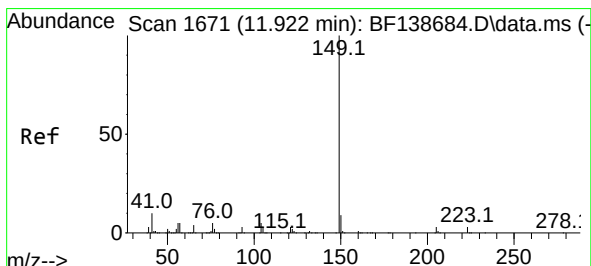
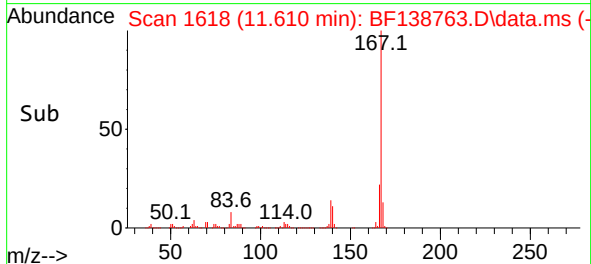
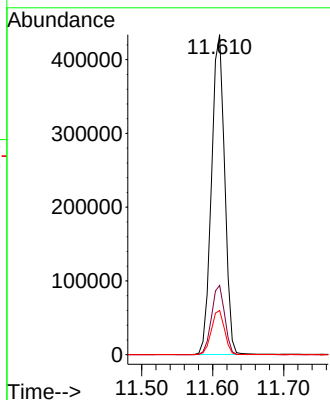
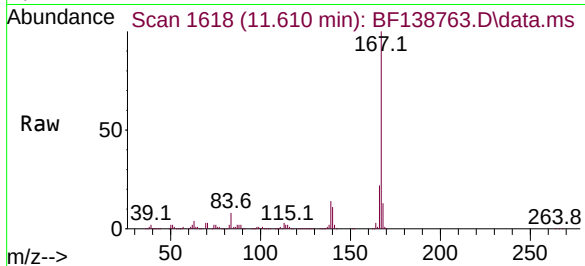




#73
Carbazole
Concen: 48.310 ng
RT: 11.610 min Scan# 1617
Delta R.T. 0.012 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

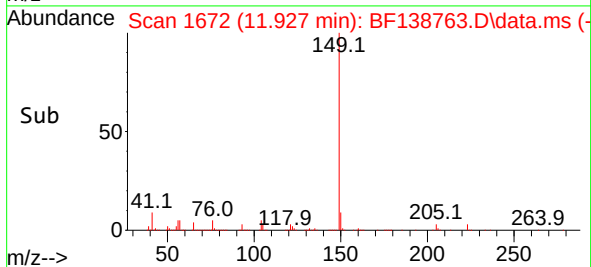
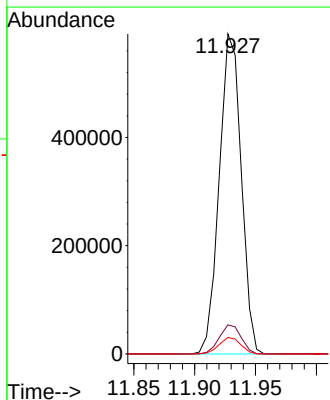
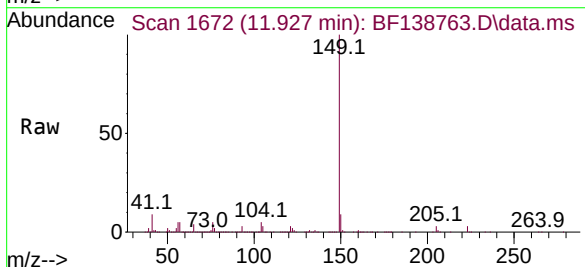
Instrument :
BNA_F
ClientSampleId :
VNJ-222MS

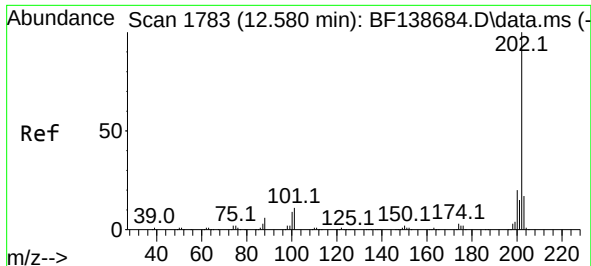
Tgt Ion:167 Resp: 558447
Ion Ratio Lower Upper
167 100
166 21.6 17.2 25.8
139 13.8 10.6 16.0



#74
Di-n-butylphthalate
Concen: 57.141 ng
RT: 11.927 min Scan# 1672
Delta R.T. 0.006 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

Tgt Ion:149 Resp: 742538
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.1 4.1 6.1

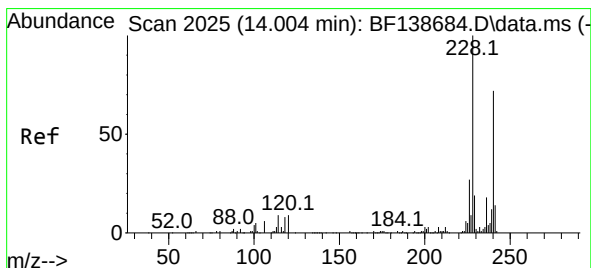
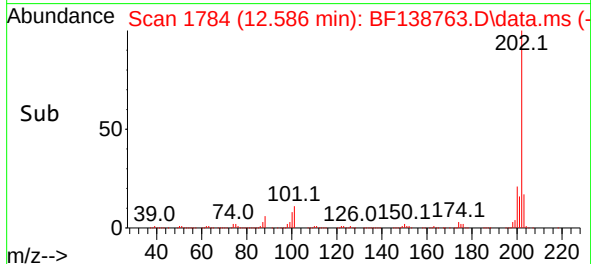
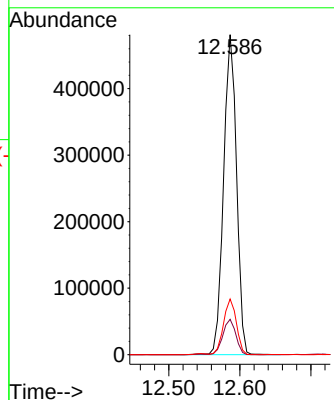
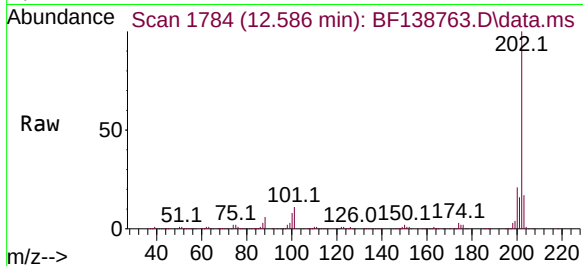




#75
Fluoranthene
Concen: 47.672 ng
RT: 12.586 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

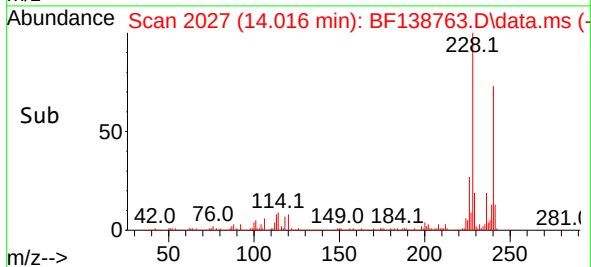
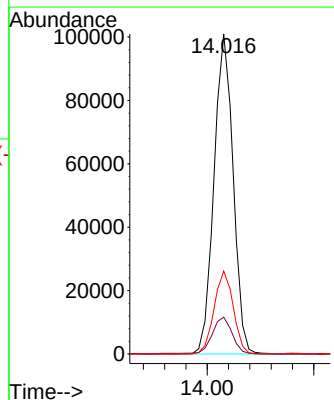
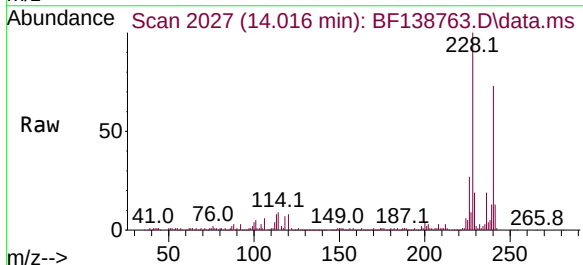
Instrument :
BNA_F
ClientSampleId :
VNJ-222MS

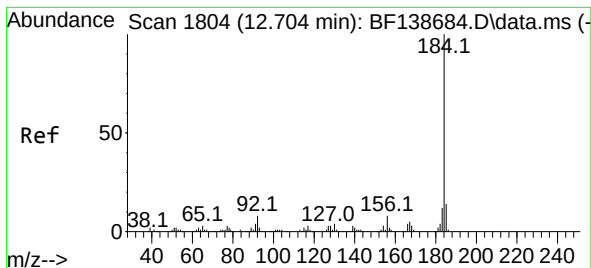
Tgt Ion:202 Resp: 605298
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.2
203 17.4 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2027
Delta R.T. 0.012 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

Tgt Ion:240 Resp: 125417
Ion Ratio Lower Upper
240 100
120 11.5 10.2 15.4
236 25.9 19.8 29.8





#77

Benzidine

Concen: 50.772 ng

RT: 12.710 min Scan# 1805

Delta R.T. 0.006 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

Instrument :

BNA_F

ClientSampleId :

VNJ-222MS

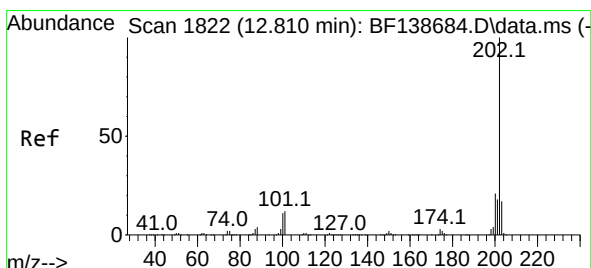
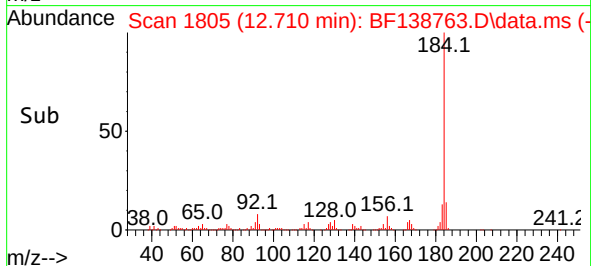
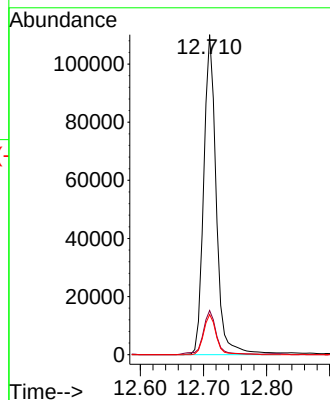
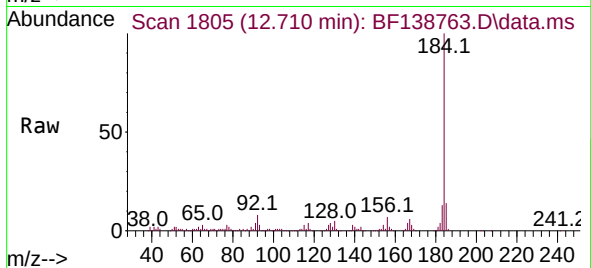
Tgt Ion:184 Resp: 152304

Ion Ratio Lower Upper

184 100

185 13.8 11.1 16.7

183 12.6 9.6 14.4



#78

Pyrene

Concen: 50.165 ng

RT: 12.816 min Scan# 1823

Delta R.T. 0.006 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

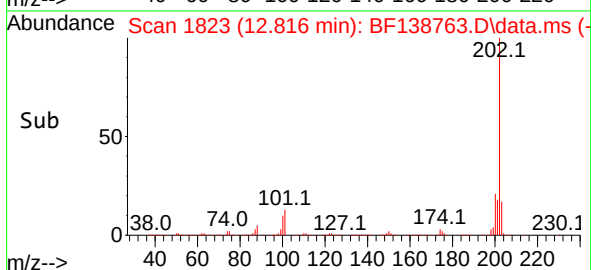
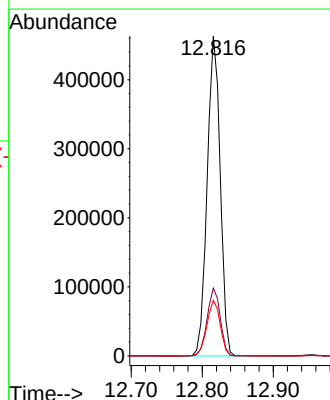
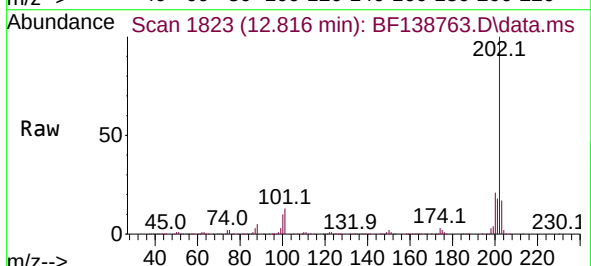
Tgt Ion:202 Resp: 592364

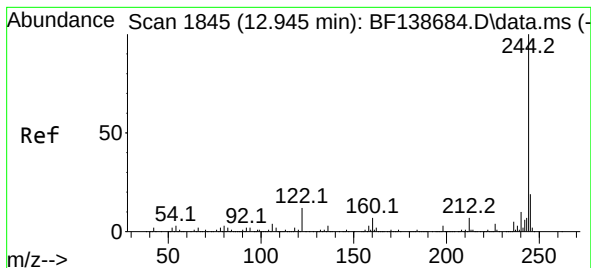
Ion Ratio Lower Upper

202 100

200 21.2 16.8 25.2

203 17.4 13.8 20.6





#79

Terphenyl-d14

Concen: 77.673 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.006 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

Instrument :

BNA_F

ClientSampleId :

VNJ-222MS

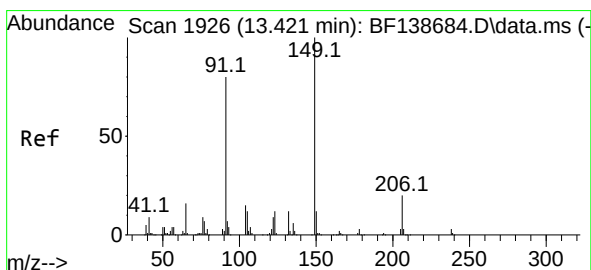
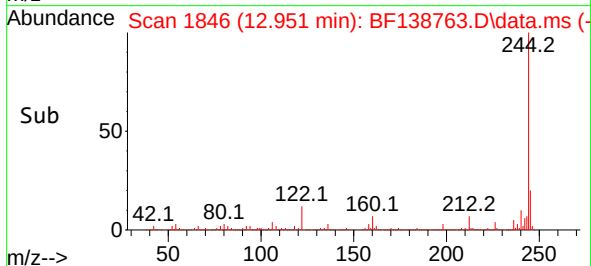
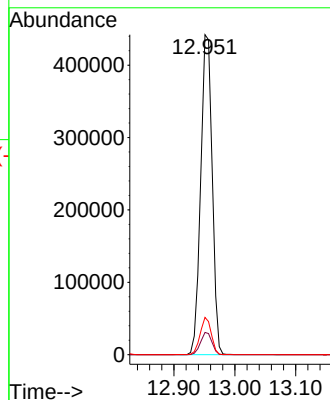
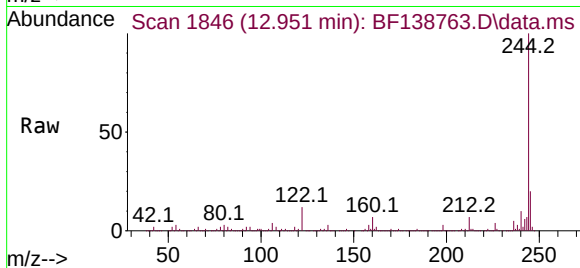
Tgt Ion:244 Resp: 581839

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 11.7 9.6 14.4



#80

Butylbenzylphthalate

Concen: 59.631 ng

RT: 13.427 min Scan# 1927

Delta R.T. 0.006 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

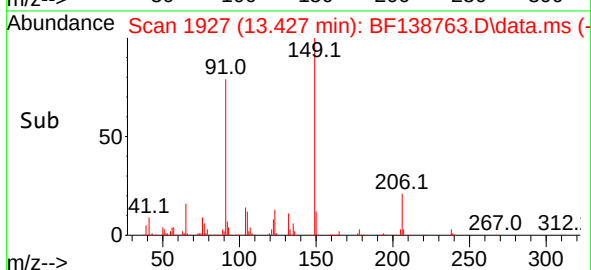
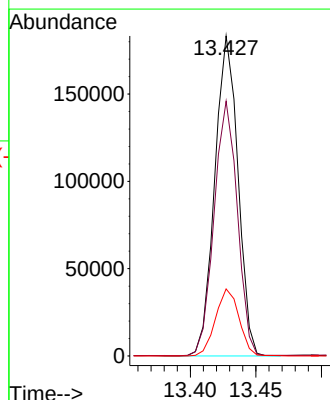
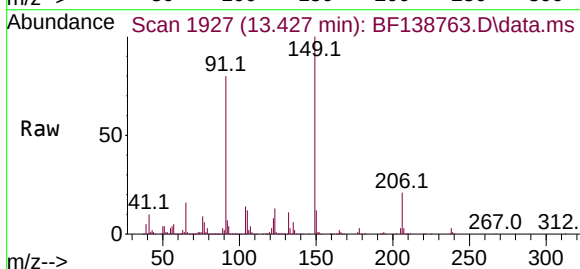
Tgt Ion:149 Resp: 225487

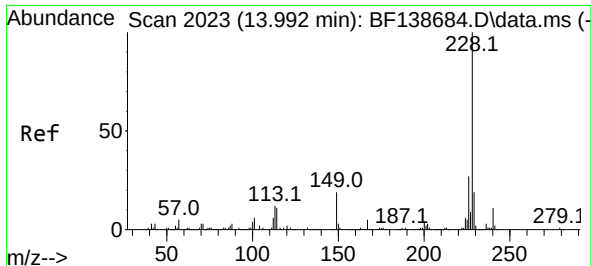
Ion Ratio Lower Upper

149 100

91 79.6 63.7 95.5

206 21.0 16.2 24.2

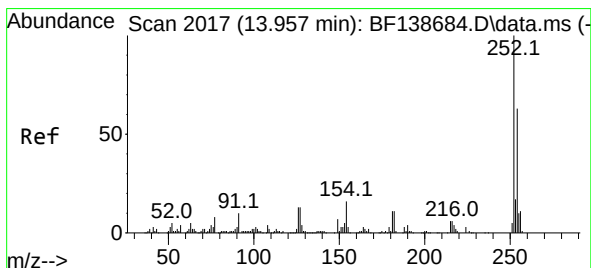
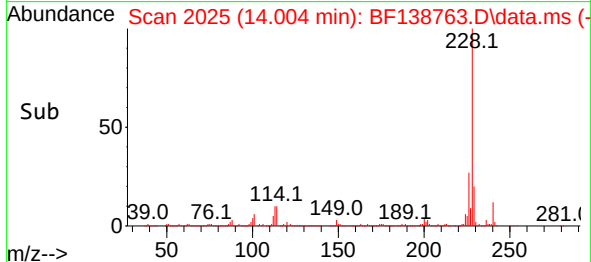
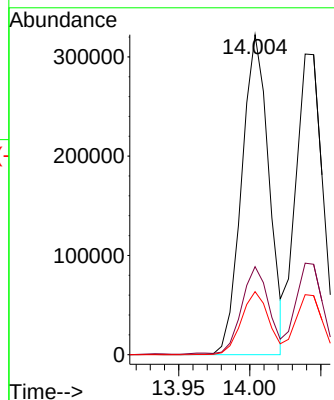
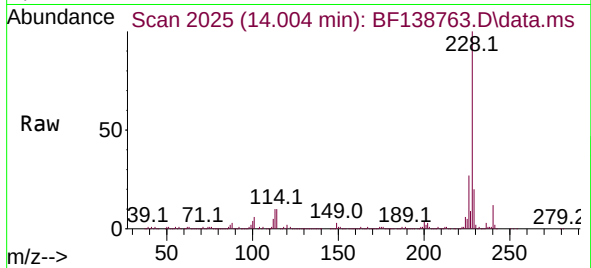




#81
Benzo(a)anthracene
Concen: 49.799 ng
RT: 14.004 min Scan# 2019
Delta R.T. 0.012 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

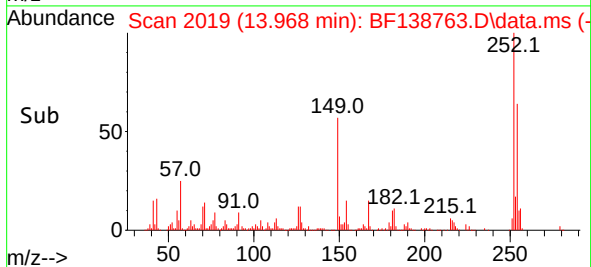
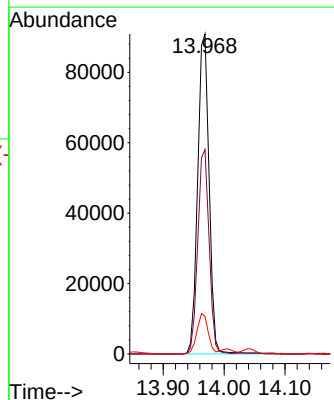
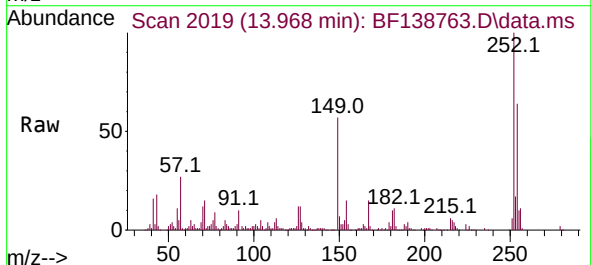
Instrument :
BNA_F
ClientSampleId :
VNJ-222MS

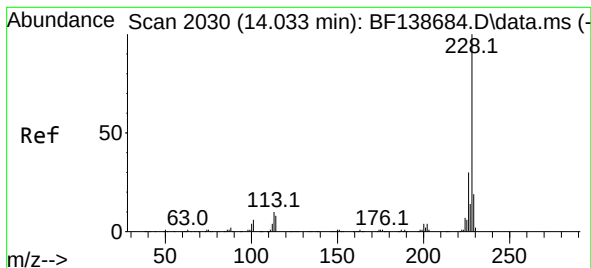
Tgt Ion:228 Resp: 430089
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 19.7 15.4 23.0



#82
3,3'-Dichlorobenzidine
Concen: 53.567 ng
RT: 13.968 min Scan# 2019
Delta R.T. 0.012 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

Tgt Ion:252 Resp: 118390
Ion Ratio Lower Upper
252 100
254 63.8 50.8 76.2
126 11.7 10.2 15.2





#83

Chrysene

Concen: 50.733 ng

RT: 14.039 min Scan# 2030

Delta R.T. 0.006 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

Instrument :

BNA_F

ClientSampleId :

VNJ-222MS

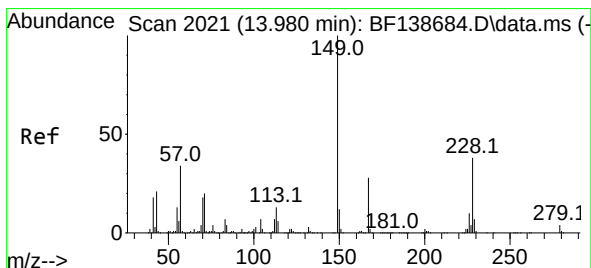
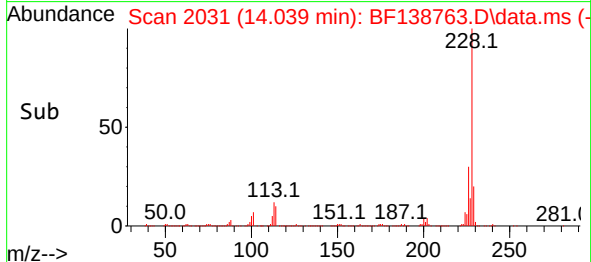
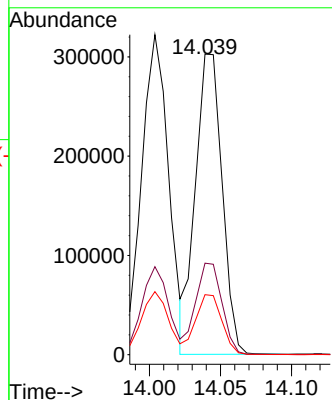
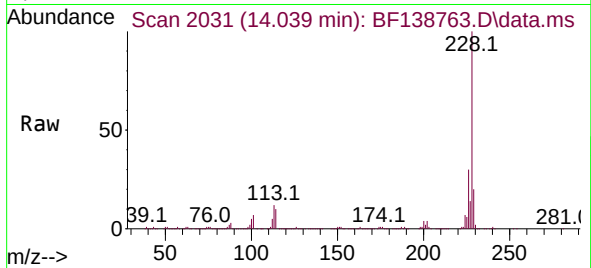
Tgt Ion:228 Resp: 395303

Ion Ratio Lower Upper

228 100

226 30.5 23.7 35.5

229 20.0 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.749 ng

RT: 13.986 min Scan# 2022

Delta R.T. 0.006 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

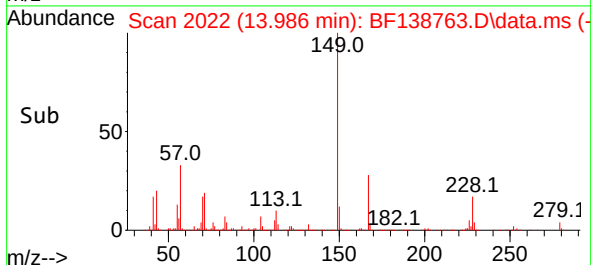
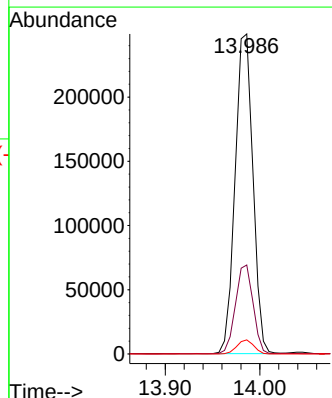
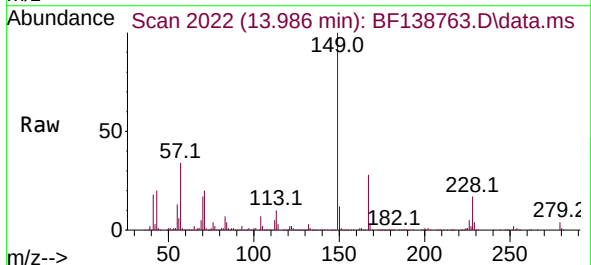
Tgt Ion:149 Resp: 325303

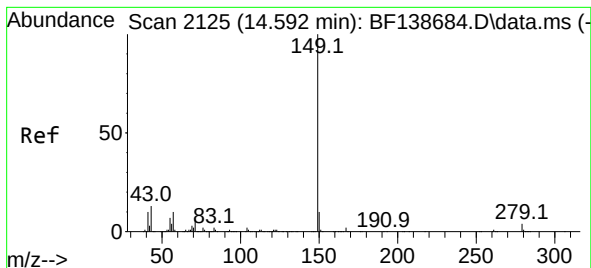
Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.4

279 4.4 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 48.913 ng

RT: 14.598 min Scan# 2125

Delta R.T. 0.006 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

Instrument :

BNA_F

ClientSampleId :

VNJ-222MS

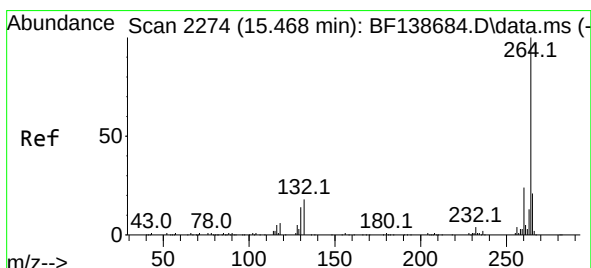
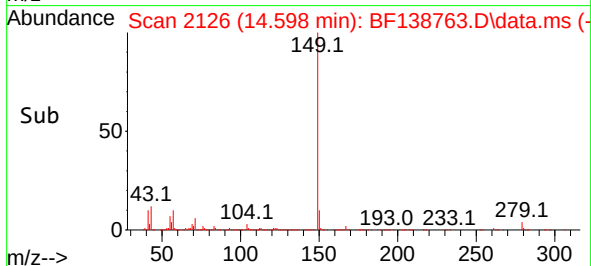
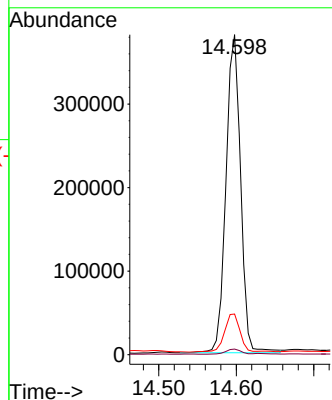
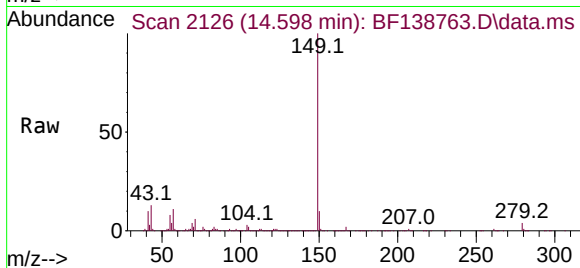
Tgt Ion:149 Resp: 501100

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 12.6 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 2276

Delta R.T. 0.012 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

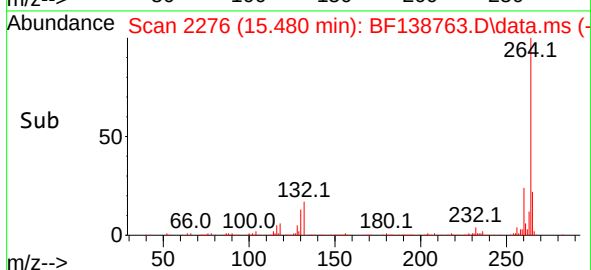
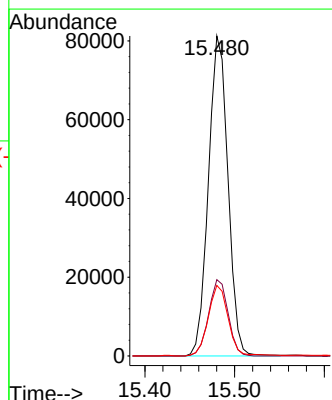
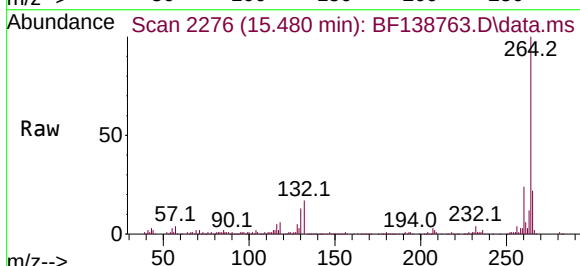
Tgt Ion:264 Resp: 122767

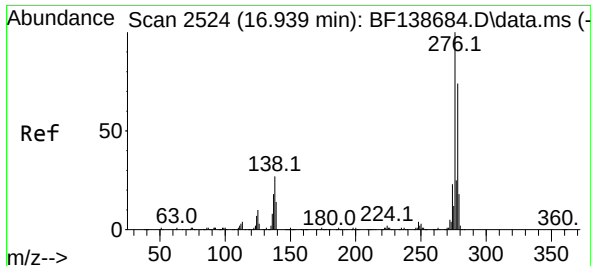
Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 22.1 17.0 25.6

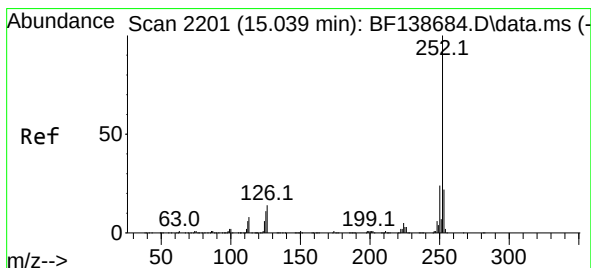
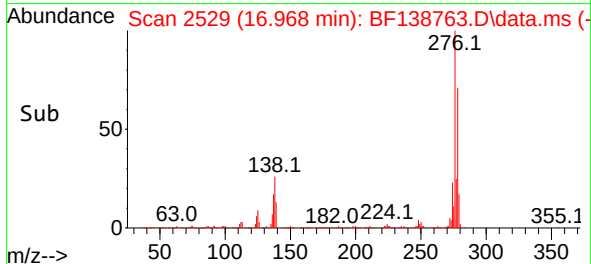
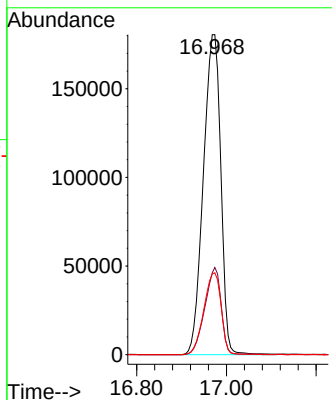
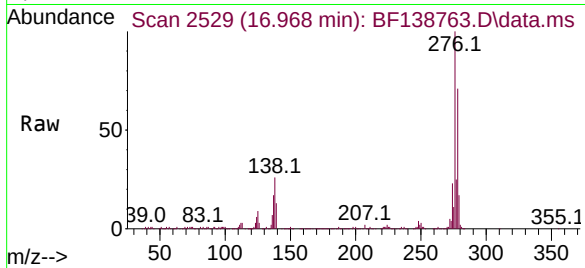




#87
Indeno(1,2,3-cd)pyrene
Concen: 55.329 ng
RT: 16.968 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

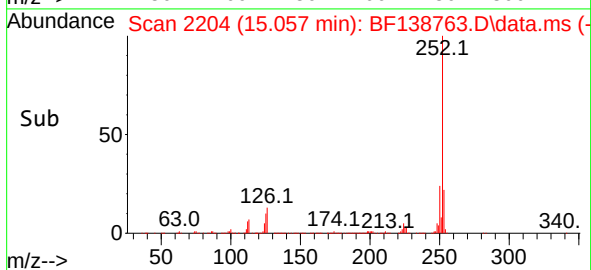
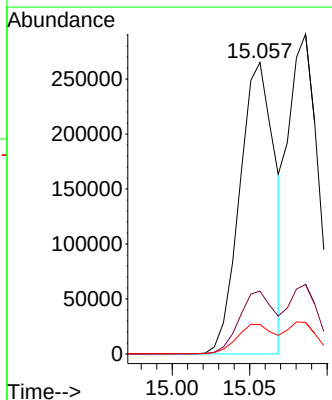
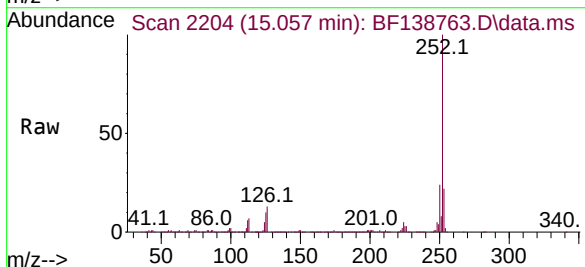
Instrument :
BNA_F
ClientSampleId :
VNJ-222MS

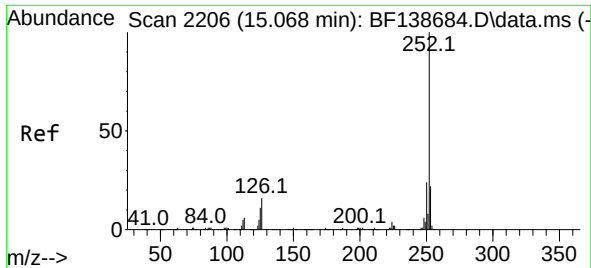
Tgt Ion:276 Resp: 486778
Ion Ratio Lower Upper
276 100
138 25.6 21.8 32.8
277 25.4 20.6 30.8



#88
Benzo(b)fluoranthene
Concen: 54.604 ng
RT: 15.057 min Scan# 2204
Delta R.T. 0.018 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

Tgt Ion:252 Resp: 415558
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 10.1 8.9 13.3

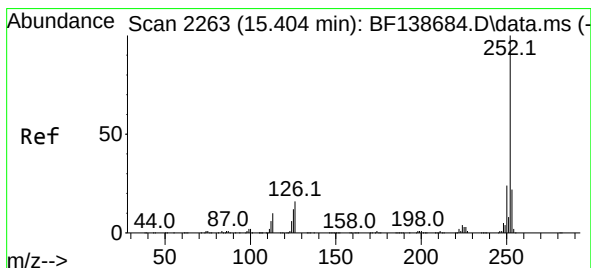
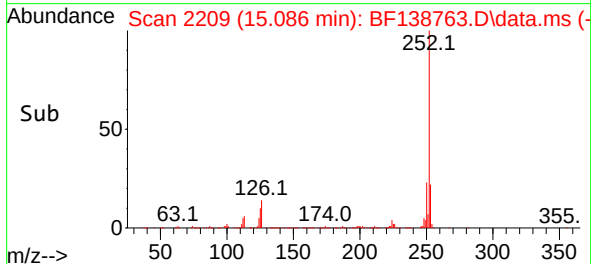
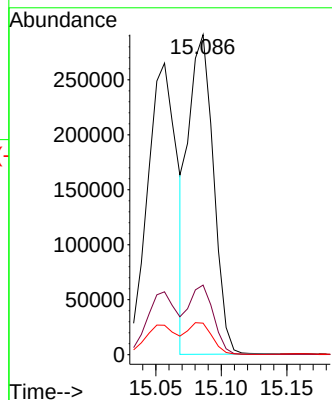
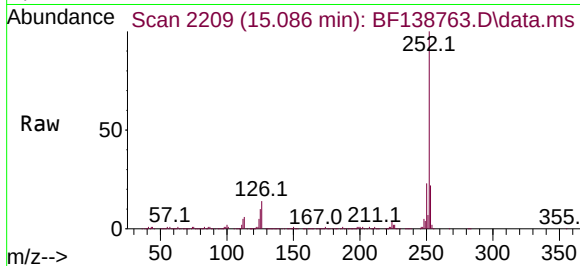




#89
Benzo(k)fluoranthene
Concen: 58.152 ng
RT: 15.086 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

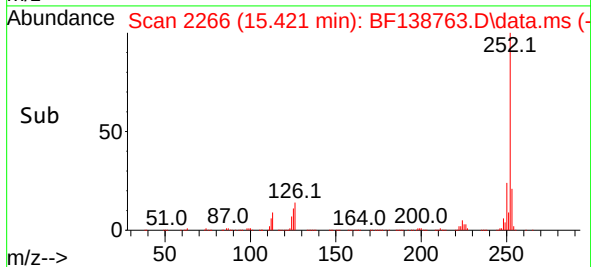
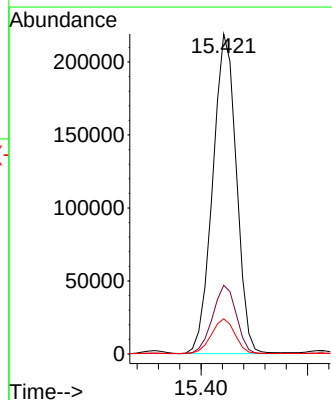
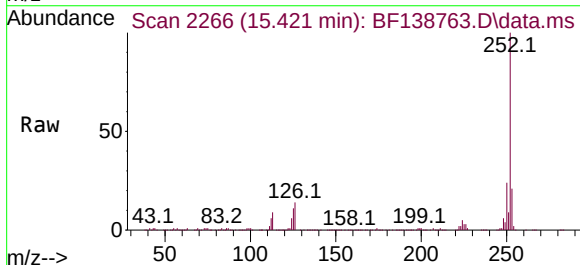
Instrument :
BNA_F
ClientSampleId :
VNJ-222MS

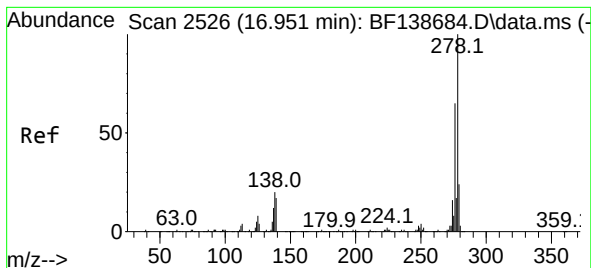
Tgt Ion:252 Resp: 383175
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 9.9 8.6 13.0



#90
Benzo(a)pyrene
Concen: 52.855 ng
RT: 15.421 min Scan# 2266
Delta R.T. 0.018 min
Lab File: BF138763.D
Acq: 03 Aug 2024 11:32

Tgt Ion:252 Resp: 338344
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 11.0 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 53.838 ng

RT: 16.980 min Scan# 2

Delta R.T. 0.029 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

Instrument :

BNA_F

ClientSampleId :

VNJ-222MS

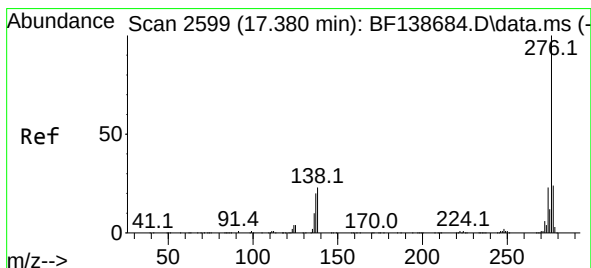
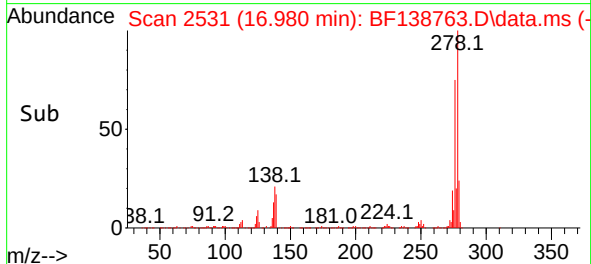
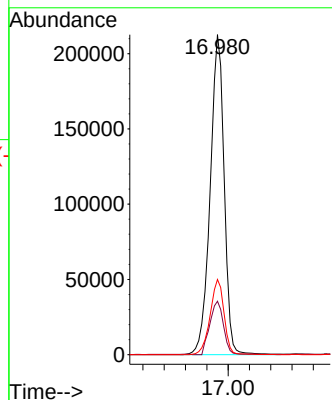
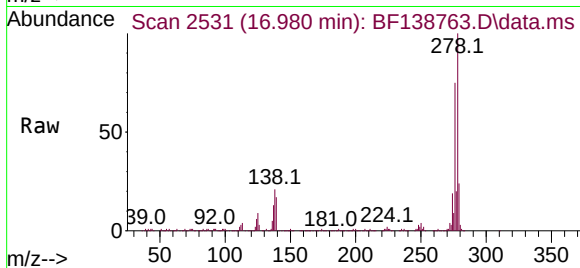
Tgt Ion:278 Resp: 388816

Ion Ratio Lower Upper

278 100

139 16.7 14.0 21.0

279 23.5 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 48.813 ng

RT: 17.415 min Scan# 2605

Delta R.T. 0.035 min

Lab File: BF138763.D

Acq: 03 Aug 2024 11:32

Tgt Ion:276 Resp: 365815

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 21.6 18.5 27.7

