

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071524\
 Data File : BF138571.D
 Acq On : 15 Jul 2024 16:40
 Operator : CG\JU
 Sample : P3115-17MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20071MS

Quant Time: Jul 15 17:26:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	98000	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	401746	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	226745	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	376571	20.000	ng	# 0.00
76) Chrysene-d12	14.027	240	184299	20.000	ng	0.00
86) Perylene-d12	15.492	264	195824	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	777226	125.606	ng	0.02
7) Phenol-d6	6.510	99	996184	121.019	ng	0.00
23) Nitrobenzene-d5	7.433	82	742669	90.762	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	296698	140.007	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1315013	90.641	ng	0.00
79) Terphenyl-d14	12.974	244	1140542	100.819	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.857	88	115138	42.013	ng	# 80
3) Pyridine	3.563	79	246334	36.449	ng	98
4) n-Nitrosodimethylamine	3.504	42	218061	49.564	ng	94
6) Aniline	6.534	93	198984	25.808	ng	# 70
8) 2-Chlorophenol	6.657	128	341742	52.230	ng	97
9) Benzaldehyde	6.422	77	21362	4.848	ng	95
10) Phenol	6.528	94	402739	46.094	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	347881	52.882	ng	99
12) 1,3-Dichlorobenzene	6.810	146	348145	47.337	ng	98
13) 1,4-Dichlorobenzene	6.886	146	352350	47.178	ng	99
14) 1,2-Dichlorobenzene	7.039	146	336529	48.380	ng	98
15) Benzyl Alcohol	7.016	79	329976	53.415	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.139	45	632982	48.929	ng	93
17) 2-Methylphenol	7.128	107	273634	51.029	ng	94
18) Hexachloroethane	7.375	117	129703	47.240	ng	94
19) n-Nitroso-di-n-propyla...	7.286	70	264610	52.024	ng	94
20) 3+4-Methylphenols	7.281	107	342094	50.661	ng	91
22) Acetophenone	7.281	105	453350	46.463	ng	99
24) Nitrobenzene	7.451	77	400510	48.165	ng	97
25) Isophorone	7.692	82	734675	52.283	ng	98
26) 2-Nitrophenol	7.769	139	187944	52.735	ng	99
27) 2,4-Dimethylphenol	7.804	122	254022	57.992	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	429748	51.172	ng	99
29) 2,4-Dichlorophenol	8.010	162	299181	52.597	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	316623	47.782	ng	98
31) Naphthalene	8.169	128	1015964	48.625	ng	99
32) Benzoic acid	7.945	122	204084	48.850	ng	96
33) 4-Chloroaniline	8.222	127	89888	12.261	ng	97
34) Hexachlorobutadiene	8.280	225	181256	44.420	ng	99
35) Caprolactam	8.604	113	82896	45.162	ng	96
36) 4-Chloro-3-methylphenol	8.710	107	339761	53.354	ng	99
37) 2-Methylnaphthalene	8.863	142	679688	50.550	ng	99
38) 1-Methylnaphthalene	8.963	142	628262	47.877	ng	97
40) 1,2,4,5-Tetrachloroben...	9.027	216	293341	46.418	ng	99
41) Hexachlorocyclopentadiene	9.010	237	279908	136.460	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	213177	52.883	ng	99

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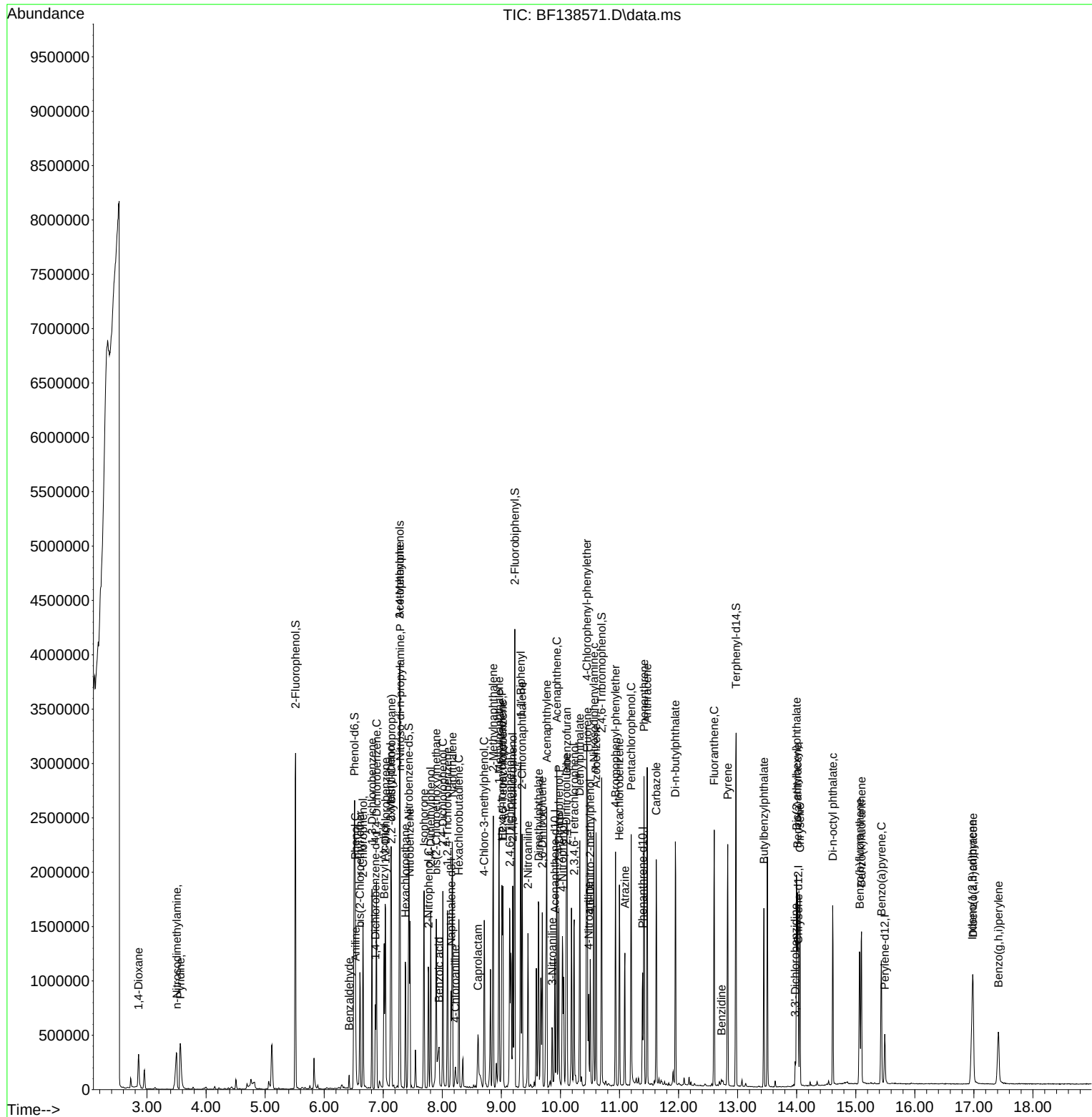
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	228758	51.595	ng	96
46) 1,1'-Biphenyl	9.327	154	808657	47.059	ng	99
47) 2-Chloronaphthalene	9.351	162	650141	50.082	ng	99
48) 2-Nitroaniline	9.451	65	244598	54.373	ng	95
49) Acenaphthylene	9.769	152	1019769	55.330	ng	100
50) Dimethylphthalate	9.633	163	798235	54.443	ng	100
51) 2,6-Dinitrotoluene	9.692	165	174564	51.710	ng	88
52) Acenaphthene	9.939	154	618218	50.461	ng	99
53) 3-Nitroaniline	9.863	138	80977	23.404	ng	97
54) 2,4-Dinitrophenol	9.974	184	195982	106.528	ng	91
55) Dibenzofuran	10.110	168	920619	51.807	ng	99
56) 4-Nitrophenol	10.033	139	223109	87.391	ng	99
57) 2,4-Dinitrotoluene	10.098	165	232476	53.224	ng	99
58) Fluorene	10.457	166	721576	51.319	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	193301	55.243	ng	99
60) Diethylphthalate	10.327	149	773651	54.735	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	358521	50.779	ng	98
62) 4-Nitroaniline	10.480	138	141317	40.758	ng	94
63) Azobenzene	10.604	77	794629	52.290	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	136743	62.889	ng	# 76
66) n-Nitrosodiphenylamine	10.569	169	614806	54.493	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	212499	54.903	ng	99
68) Hexachlorobenzene	10.998	284	229817	53.449	ng	99
69) Atrazine	11.092	200	134548	35.970	ng	98
70) Pentachlorophenol	11.198	266	257762	101.310	ng	98
71) Phenanthrene	11.416	178	1009710	53.074	ng	99
72) Anthracene	11.468	178	1032396	54.667	ng	99
73) Carbazole	11.621	167	788842	46.481	ng	99
74) Di-n-butylphthalate	11.945	149	1059455	54.157	ng	99
75) Fluoranthene	12.604	202	900270	46.375	ng	99
77) Benzidine	12.727	184	44948	9.667	ng	96
78) Pyrene	12.833	202	885826	47.348	ng	99
80) Butylbenzylphthalate	13.445	149	326098	57.942	ng	99
81) Benzo(a)anthracene	14.015	228	667227	53.954	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	46823	14.694	ng	93
83) Chrysene	14.057	228	640313	54.733	ng	98
84) Bis(2-ethylhexyl)phtha...	13.998	149	409684	68.254	ng	100
85) Di-n-octyl phthalate	14.609	149	701175	73.947	ng	100
87) Indeno(1,2,3-cd)pyrene	16.974	276	582796	44.307	ng	99
88) Benzo(b)fluoranthene	15.068	252	622121	56.412	ng	98
89) Benzo(k)fluoranthene	15.098	252	583483	54.249	ng	99
90) Benzo(a)pyrene	15.433	252	549592	56.730	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	481978	44.795	ng	99
92) Benzo(g,h,i)perylene	17.415	276	427785	37.494	ng	97

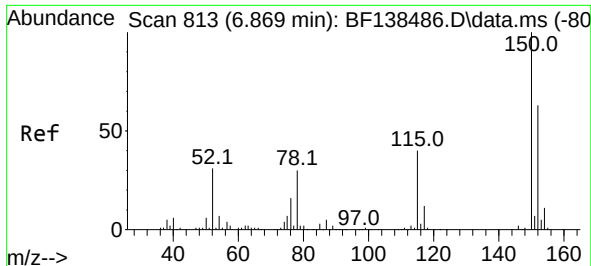
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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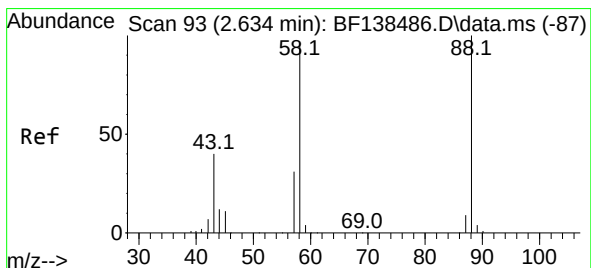
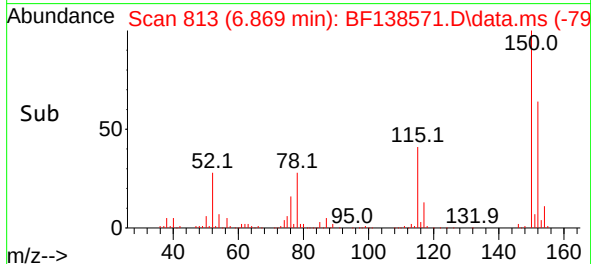
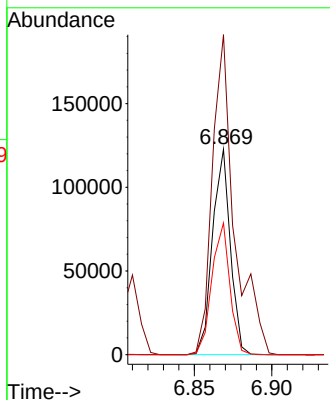
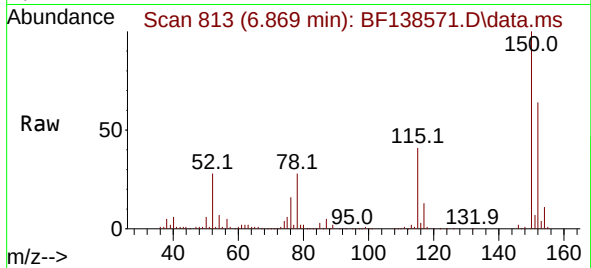




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF138571.D
 Acq: 15 Jul 2024 16:40

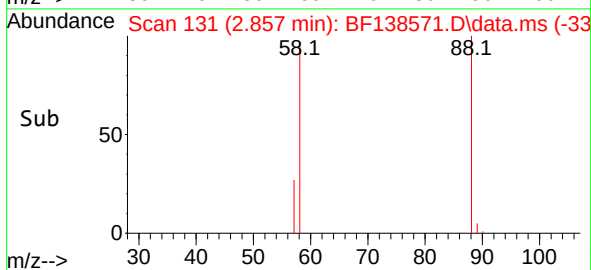
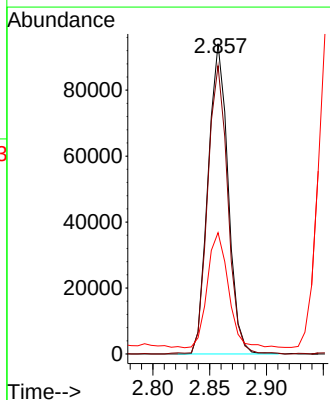
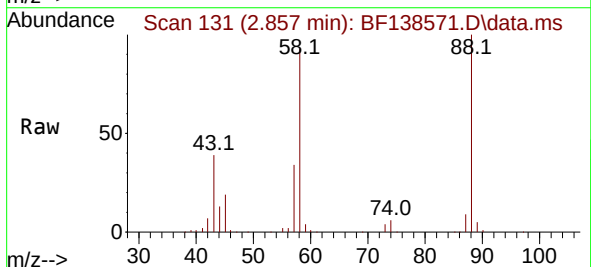
Instrument :
 BNA_F
 ClientSampleId :
 20071MS

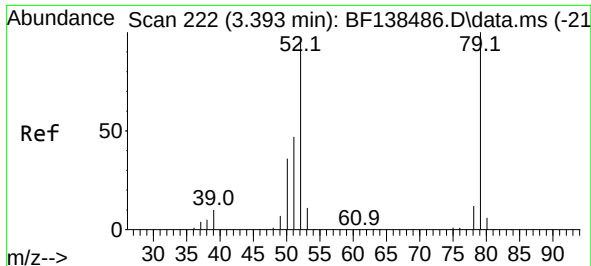
Tgt Ion:152 Resp: 98000
 Ion Ratio Lower Upper
 152 100
 150 155.8 126.2 189.4
 115 64.1 50.3 75.5



#2
 1,4-Dioxane
 Concen: 42.013 ng
 RT: 2.857 min Scan# 131
 Delta R.T. 0.224 min
 Lab File: BF138571.D
 Acq: 15 Jul 2024 16:40

Tgt Ion: 88 Resp: 115138
 Ion Ratio Lower Upper
 88 100
 58 93.7 74.6 112.0
 43 0.0 31.8 47.6#





#3

Pyridine

Concen: 36.449 ng

RT: 3.563 min Scan# 21

Delta R.T. 0.171 min

Lab File: BF138571.D

Acq: 15 Jul 2024 16:40

Instrument :

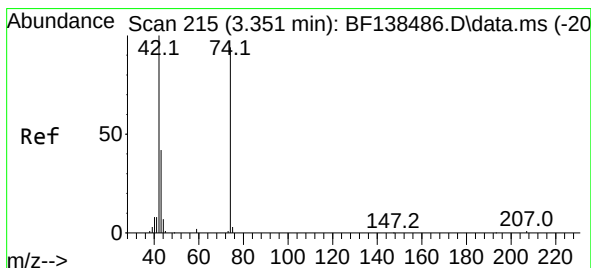
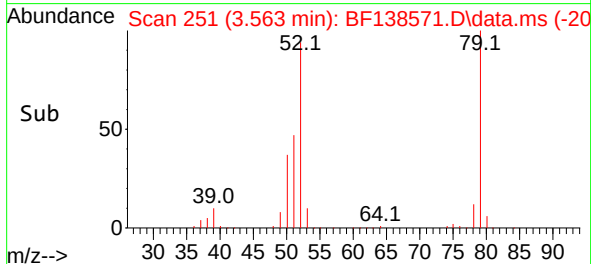
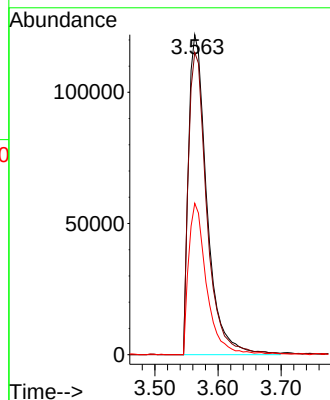
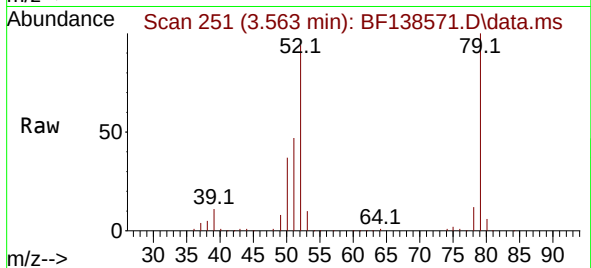
BNA_F

ClientSampleId :

20071MS

Tgt Ion: 79 Resp: 246334

Ion	Ratio	Lower	Upper
79	100		
52	94.4	77.4	116.2
51	47.3	37.4	56.0



#4

n-Nitrosodimethylamine

Concen: 49.564 ng

RT: 3.504 min Scan# 241

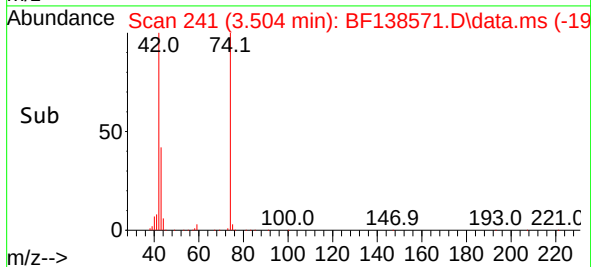
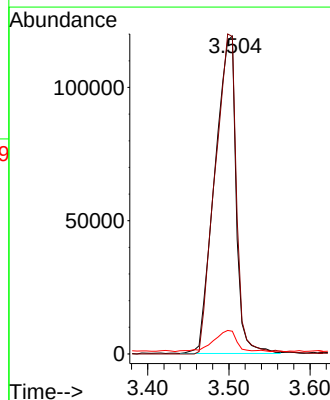
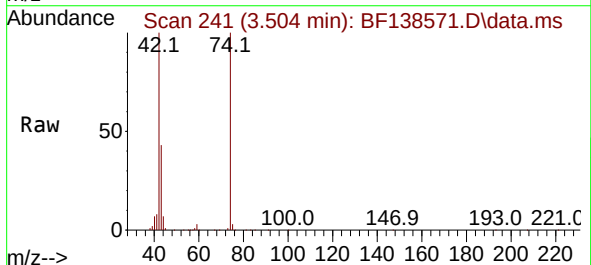
Delta R.T. 0.153 min

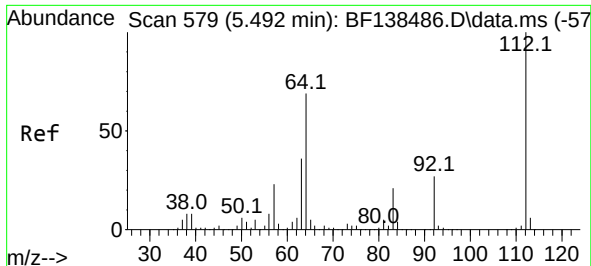
Lab File: BF138571.D

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Tgt Ion: 42 Resp: 218061

Ion	Ratio	Lower	Upper
42	100		
74	99.9	75.0	112.6
44	7.1	5.4	8.2

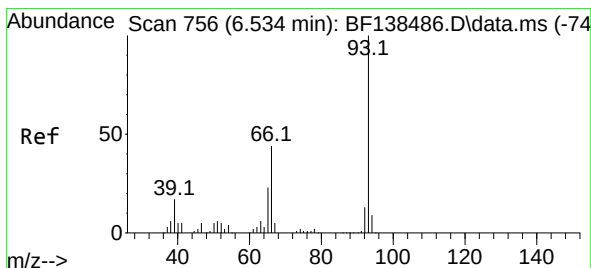
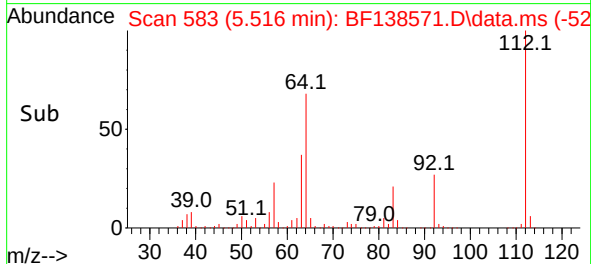
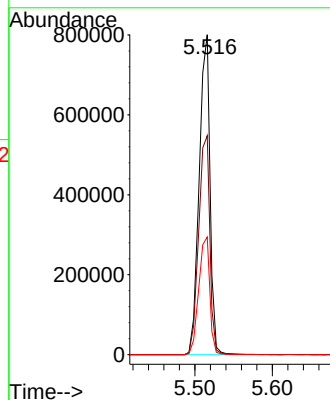
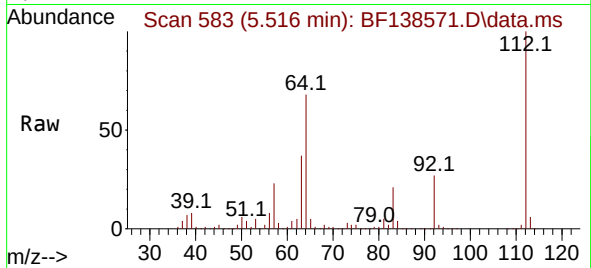




#5
2-Fluorophenol
Concen: 125.606 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

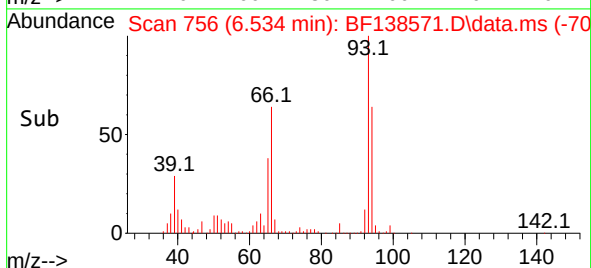
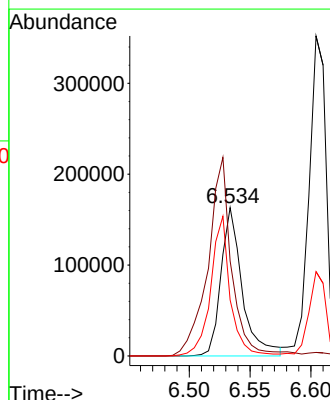
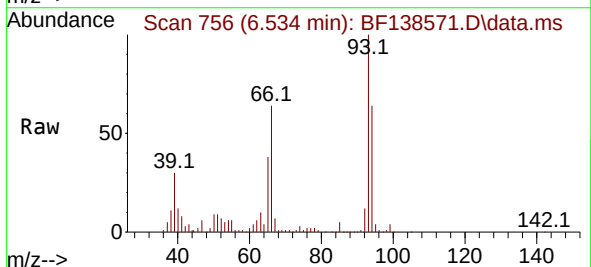
Instrument :
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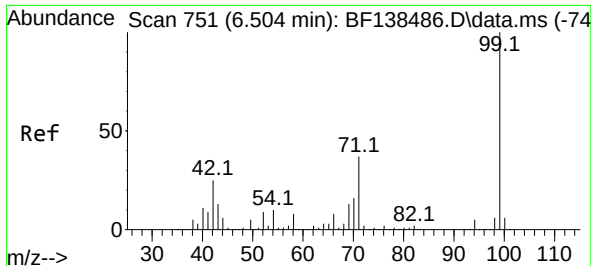
Tgt Ion:112 Resp: 777226
Ion Ratio Lower Upper
112 100
64 68.4 55.1 82.7
63 36.8 29.0 43.6



#6
Aniline
Concen: 25.808 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

Tgt Ion: 93 Resp: 198984
Ion Ratio Lower Upper
93 100
66 64.1 35.4 53.0#
65 37.7 18.6 27.8#

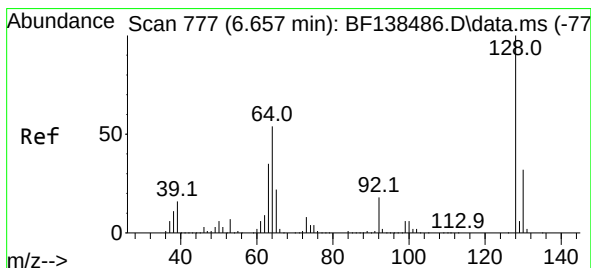
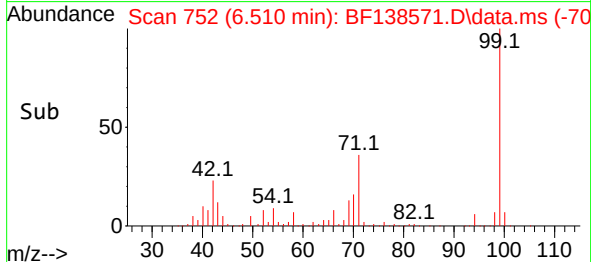
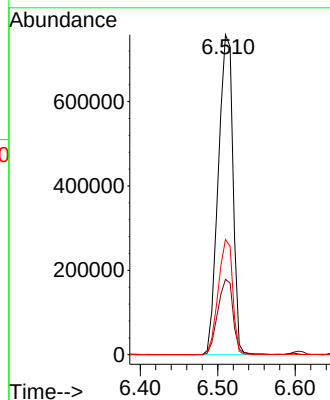
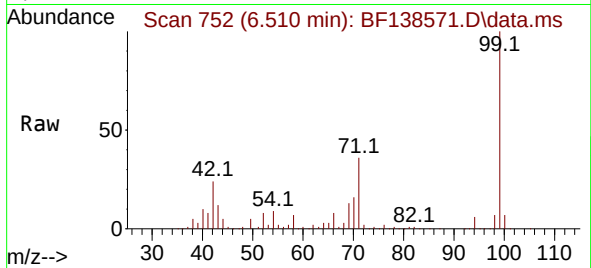




#7
Phenol-d6
Concen: 121.019 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

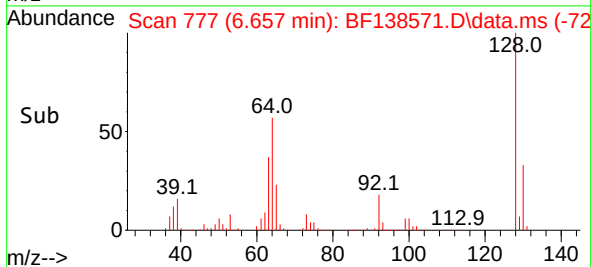
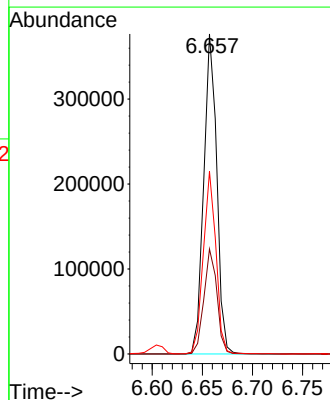
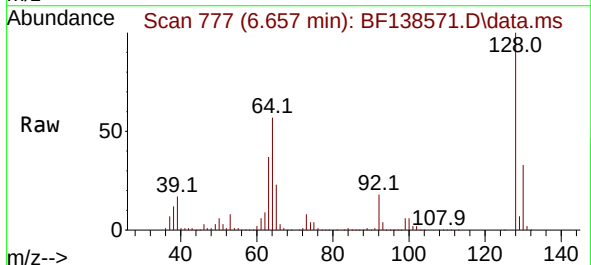
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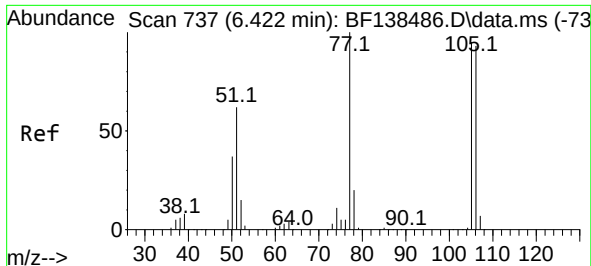
Tgt Ion: 99 Resp: 996184
Ion Ratio Lower Upper
99 100
42 23.5 19.7 29.5
71 36.0 29.9 44.9



#8
2-Chlorophenol
Concen: 52.230 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

Tgt Ion:128 Resp: 341742
Ion Ratio Lower Upper
128 100
130 32.8 12.1 52.1
64 57.1 34.4 74.4

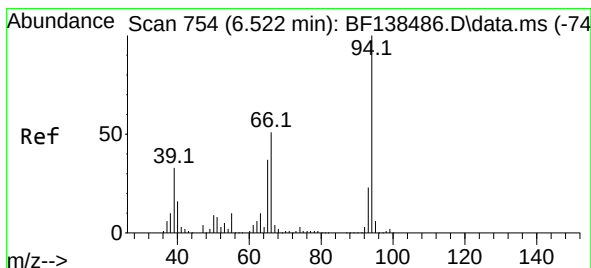
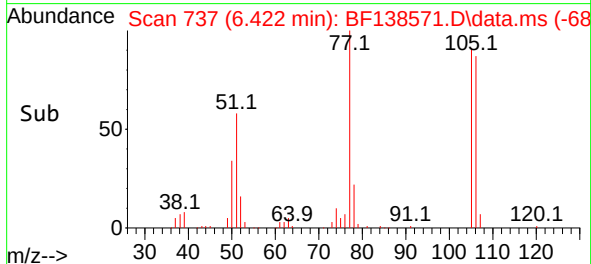
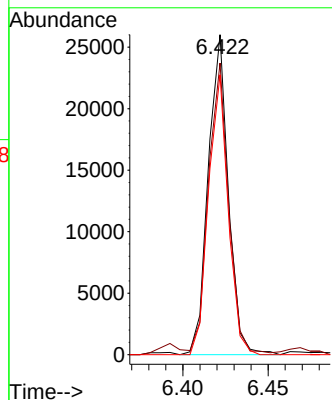
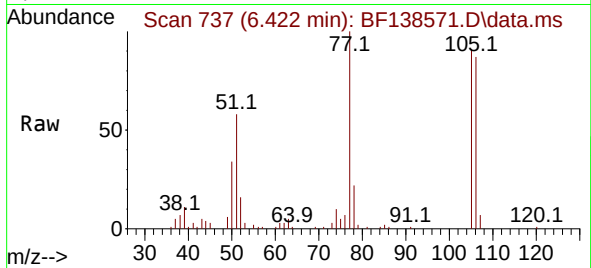




#9
Benzaldehyde
Concen: 4.848 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

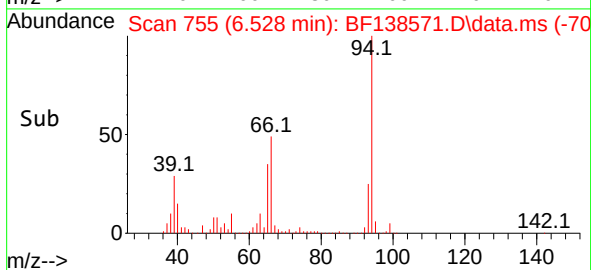
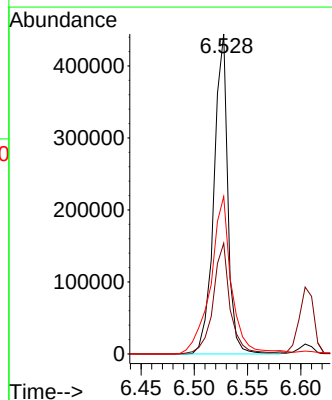
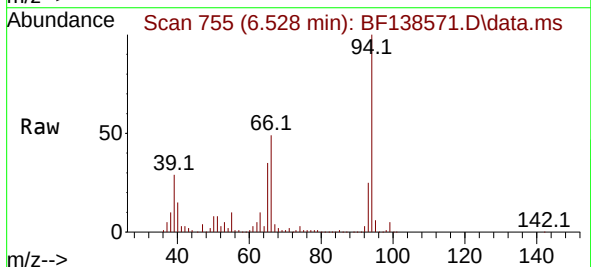
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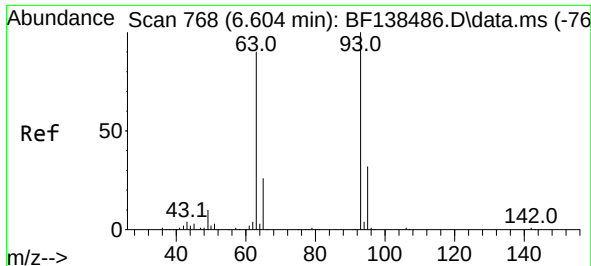
Tgt Ion: 77 Resp: 21362
Ion Ratio Lower Upper
77 100
105 91.2 75.1 115.1
106 87.5 73.2 113.2



#10
Phenol
Concen: 46.094 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.006 min
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Acq: 15 Jul 2024 16:40

Tgt Ion: 94 Resp: 402739
Ion Ratio Lower Upper
94 100
65 34.6 16.7 56.7
66 49.2 31.2 71.2

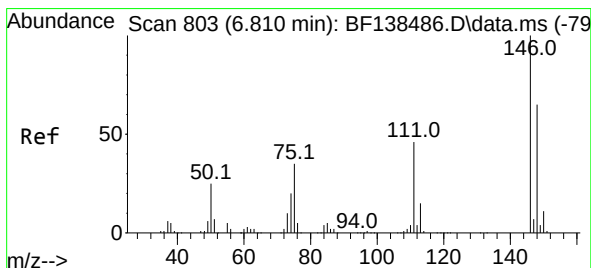
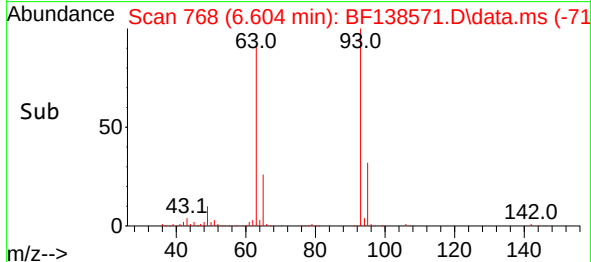
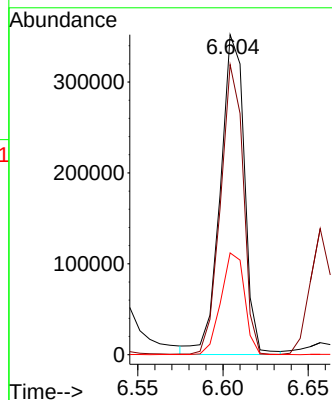
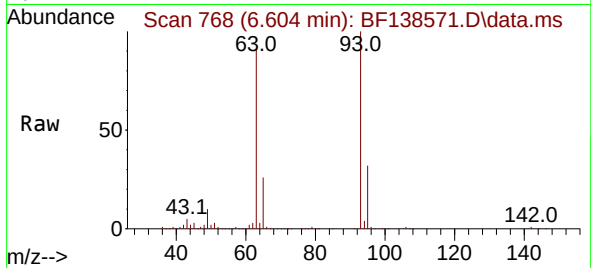




#11
bis(2-Chloroethyl)ether
Concen: 52.882 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

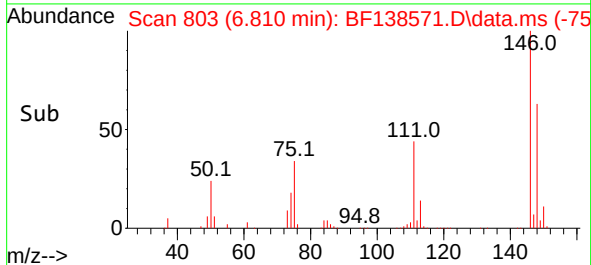
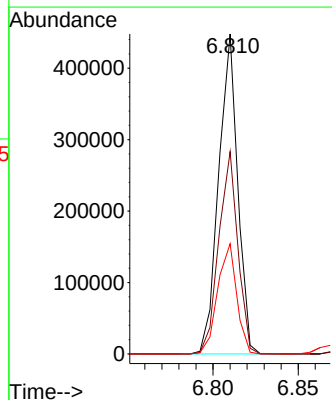
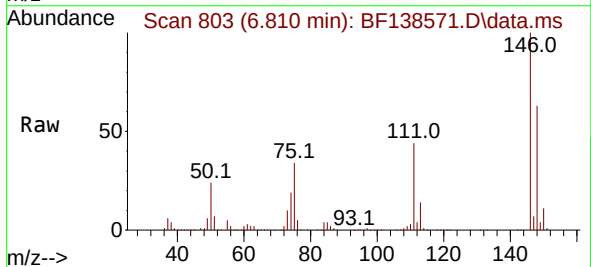
Instrument :
BNA_F
ClientSampleId :
20071MS

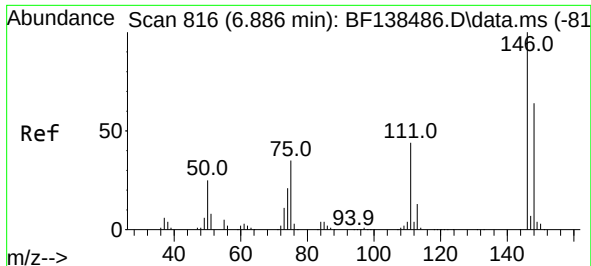
Tgt Ion: 93 Resp: 347881
Ion Ratio Lower Upper
93 100
63 90.6 68.8 108.8
95 31.8 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 47.337 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

Tgt Ion: 146 Resp: 348145
Ion Ratio Lower Upper
146 100
148 63.3 52.4 78.6
75 34.5 27.8 41.8

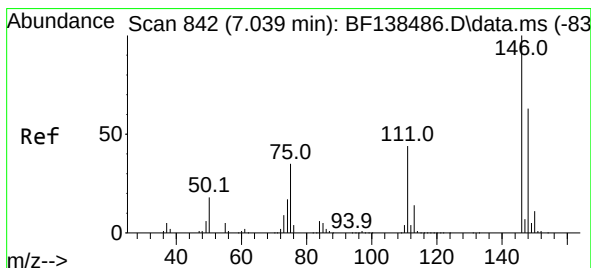
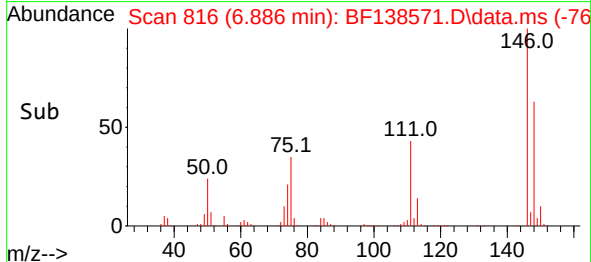
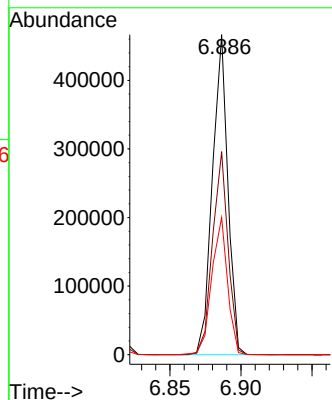
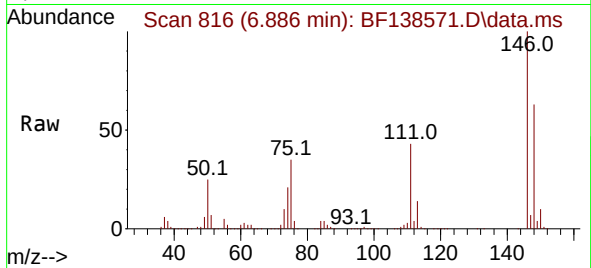




#13
1,4-Dichlorobenzene
Concen: 47.178 ng
RT: 6.886 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

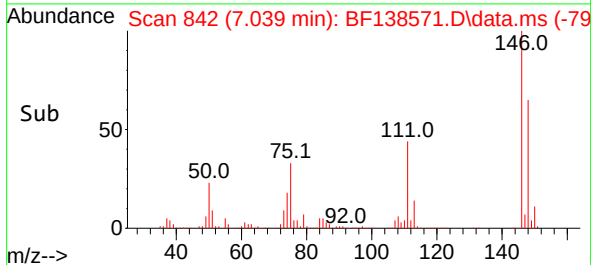
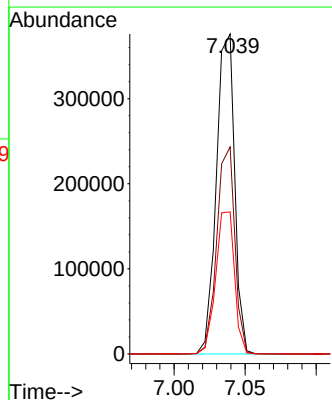
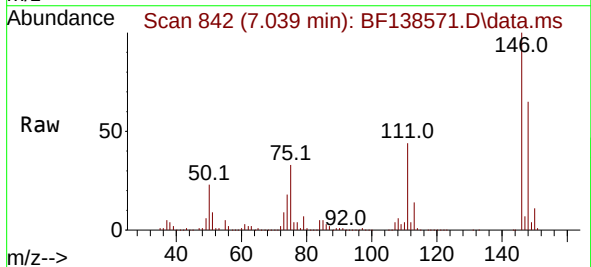
Instrument :
BNA_F
ClientSampleId :
20071MS

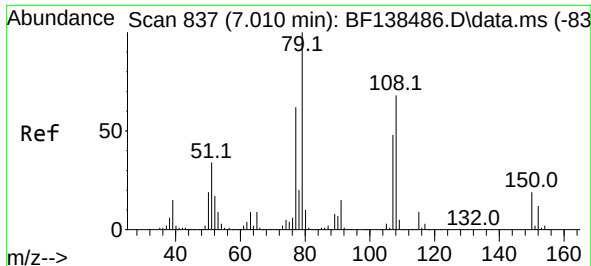
Tgt Ion:146 Resp: 352350
Ion Ratio Lower Upper
146 100
148 63.5 51.6 77.4
111 42.9 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 48.380 ng
RT: 7.039 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

Tgt Ion:146 Resp: 336529
Ion Ratio Lower Upper
146 100
148 64.7 50.1 75.1
111 44.4 35.5 53.3

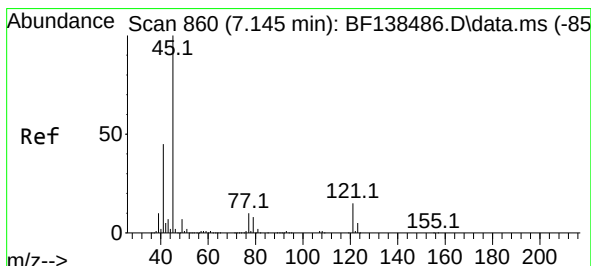
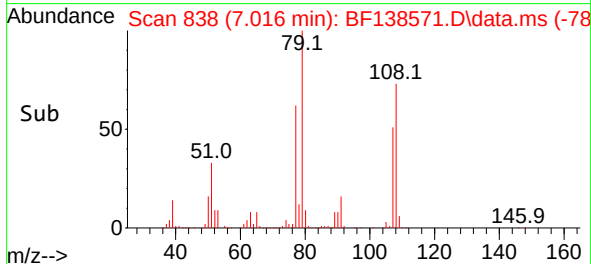
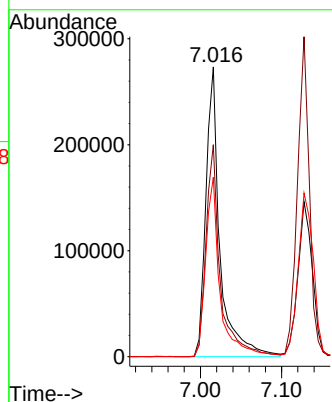
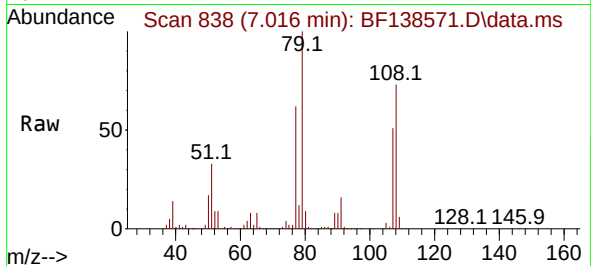




#15
Benzyl Alcohol
Concen: 53.415 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

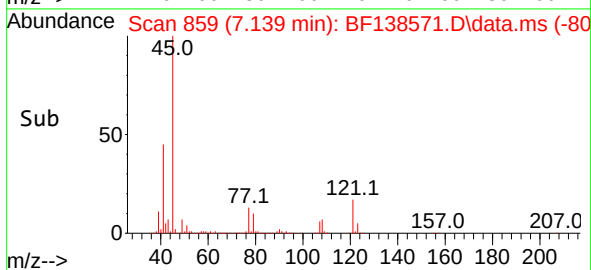
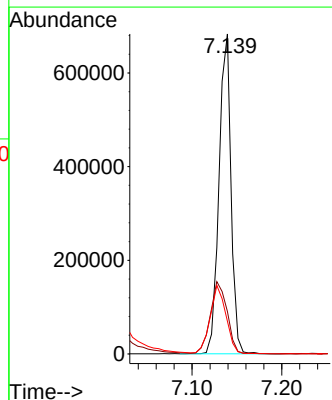
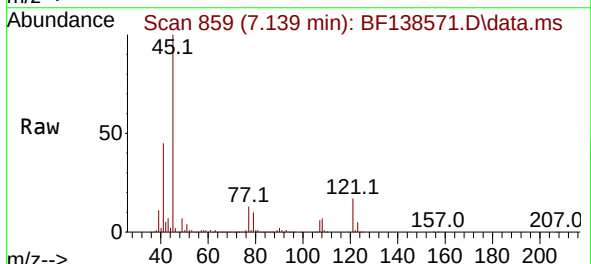
Instrument :
BNA_F
ClientSampleId :
20071MS

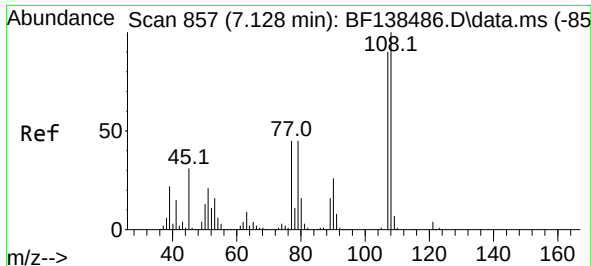
Tgt Ion: 79 Resp: 329976
Ion Ratio Lower Upper
79 100
108 73.2 54.3 81.5
77 61.9 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.929 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

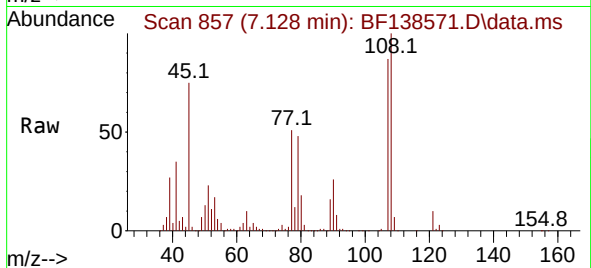
Tgt Ion: 45 Resp: 632982
Ion Ratio Lower Upper
45 100
77 13.3 0.0 30.4
79 10.3 0.0 28.1



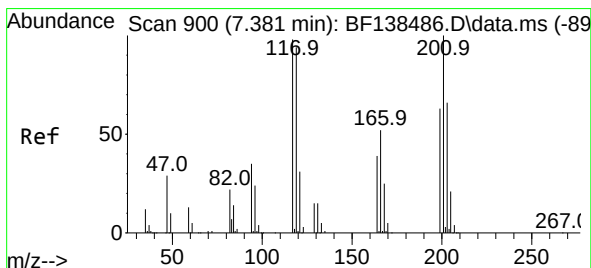
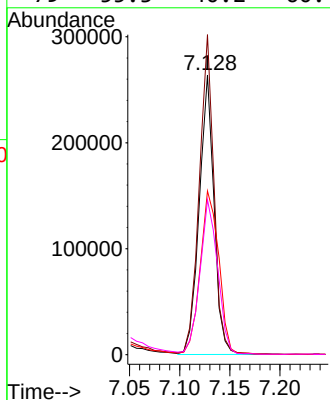
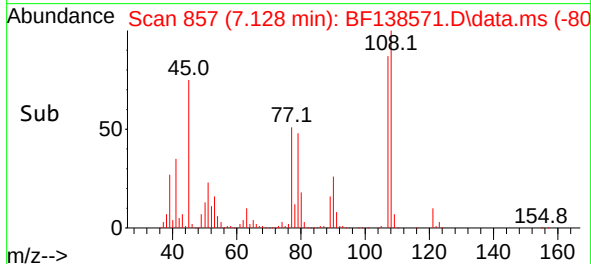


#17
2-Methylphenol
Concen: 51.029 ng
RT: 7.128 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

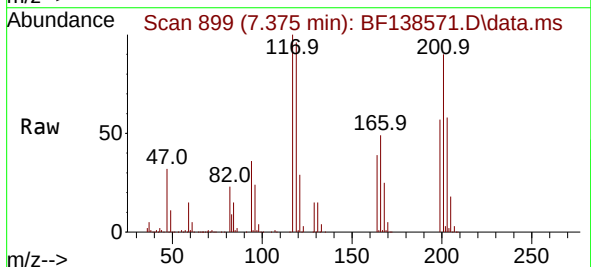
Instrument :
BNA_F
ClientSampleId :
20071MS



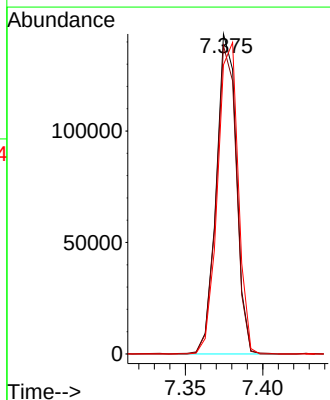
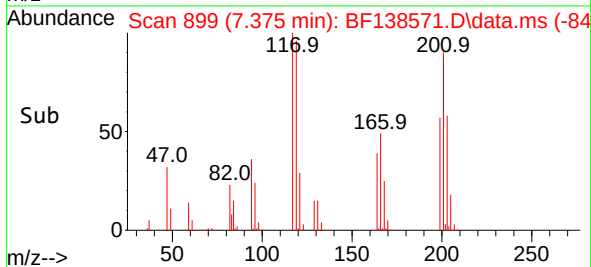
Tgt Ion:	107	Resp:	273634
Ion	Ratio	Lower	Upper
107	100		
108	114.4	89.0	133.4
77	58.5	40.3	60.5
79	55.3	40.2	60.4

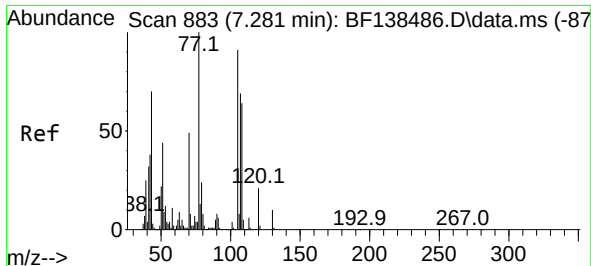


#18
Hexachloroethane
Concen: 47.240 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40



Tgt Ion:	117	Resp:	129703
Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.6	114.8
201	90.4	81.4	122.0

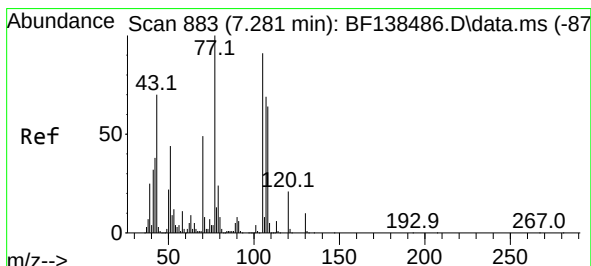
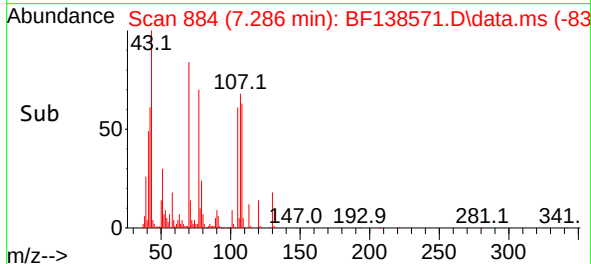
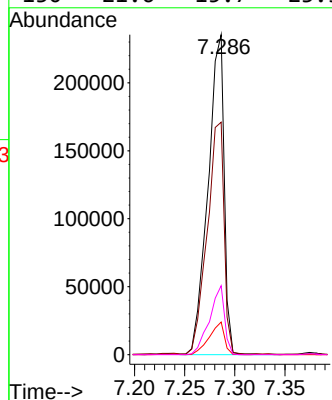
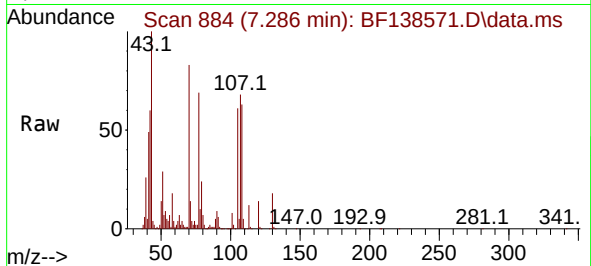




#19
n-Nitroso-di-n-propylamine
Concen: 52.024 ng
RT: 7.286 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

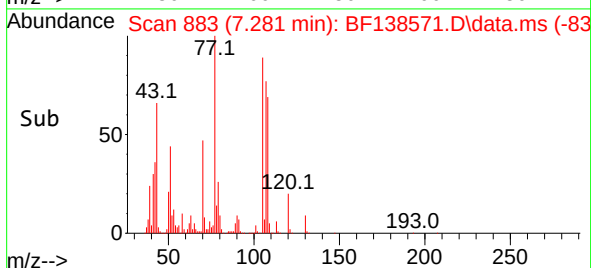
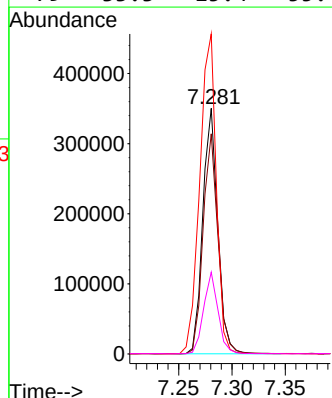
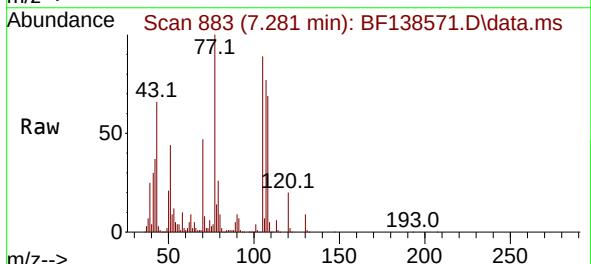
Instrument :
BNA_F
ClientSampleId :
20071MS

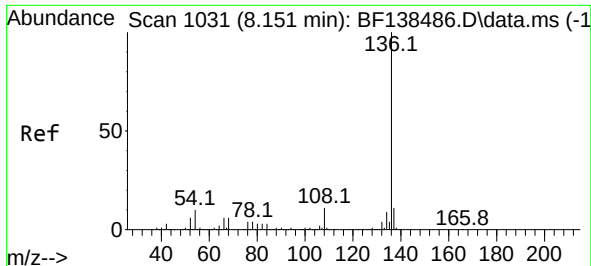
Tgt Ion: 70 Resp: 264610
Ion Ratio Lower Upper
70 100
42 72.6 62.4 93.6
101 10.2 7.2 10.8
130 21.6 15.7 23.5



#20
3+4-Methylphenols
Concen: 50.661 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

Tgt Ion: 107 Resp: 342094
Ion Ratio Lower Upper
107 100
108 89.7 73.7 113.7
77 130.3 126.0 166.0
79 33.3 15.4 55.4



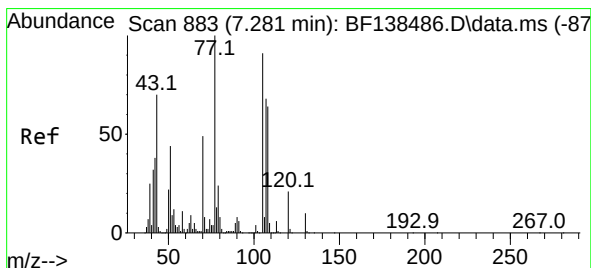
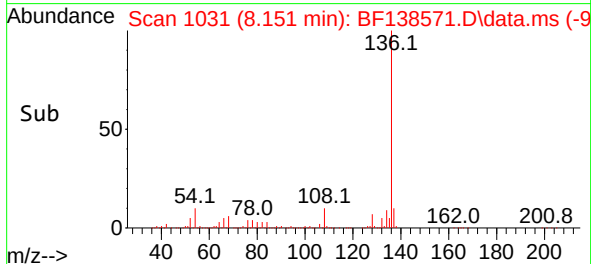
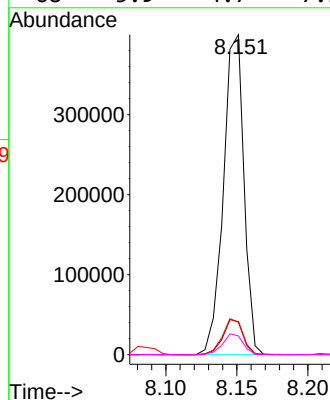
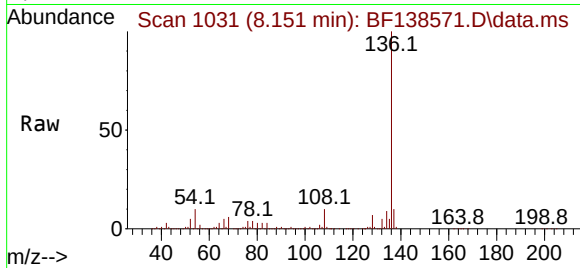


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

Instrument :
BNA_F
ClientSampleId :
20071MS

Tgt Ion:136 Resp: 401746

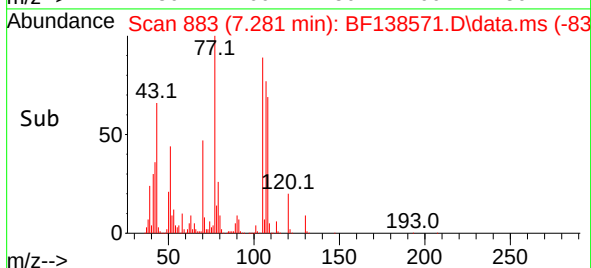
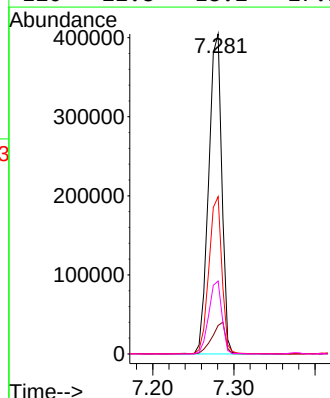
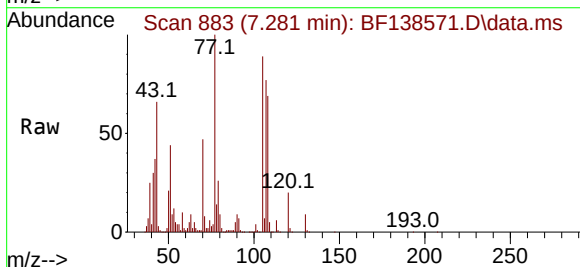
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	10.1	8.1	12.1
68	5.9	4.7	7.1

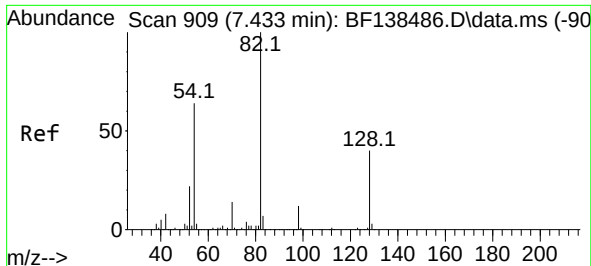


#22
Acetophenone
Concen: 46.463 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

Tgt Ion:105 Resp: 453350

Ion	Ratio	Lower	Upper
105	100		
71	8.9	7.4	11.2
51	49.2	38.7	58.1
120	22.8	18.2	27.2





#23

Nitrobenzene-d5

Concen: 90.762 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.000 min

Lab File: BF138571.D

Acq: 15 Jul 2024 16:40

Instrument :

BNA_F

ClientSampleId :

20071MS

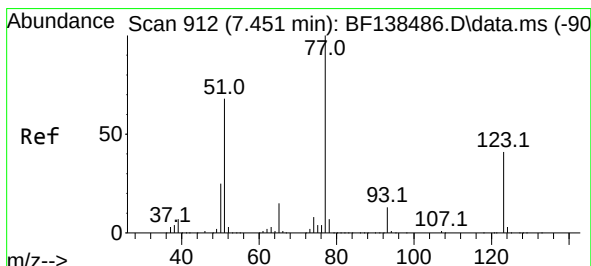
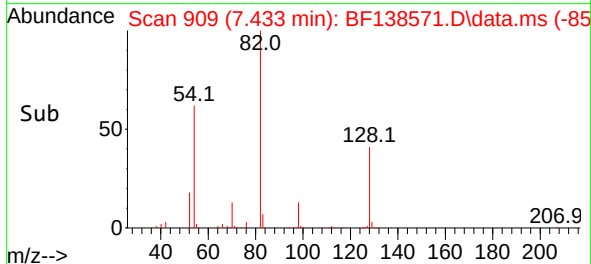
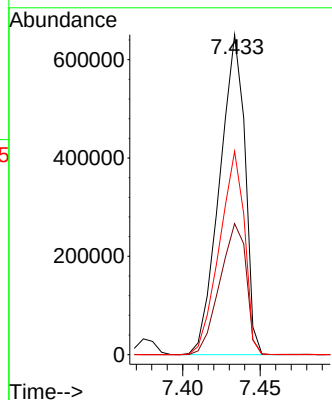
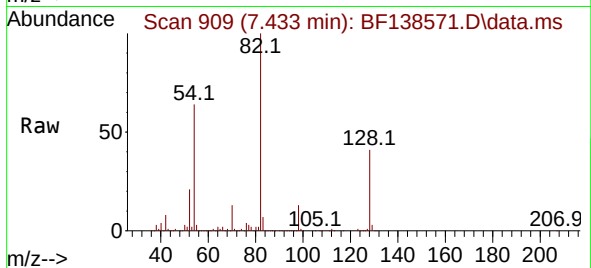
Tgt Ion: 82 Resp: 742669

Ion Ratio Lower Upper

82 100

128 41.0 32.3 48.5

54 63.6 51.4 77.0



#24

Nitrobenzene

Concen: 48.165 ng

RT: 7.451 min Scan# 912

Delta R.T. 0.000 min

Lab File: BF138571.D

Acq: 15 Jul 2024 16:40

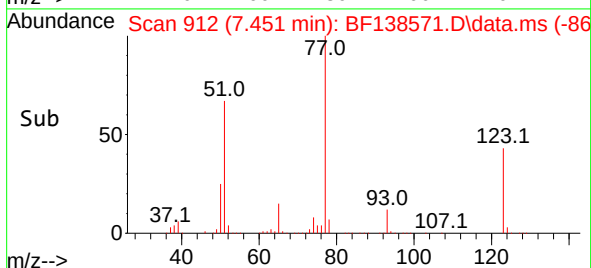
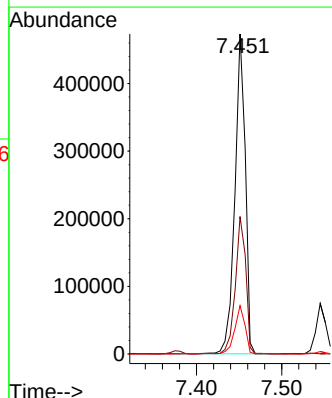
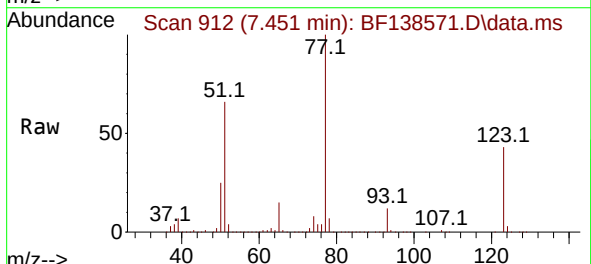
Tgt Ion: 77 Resp: 400510

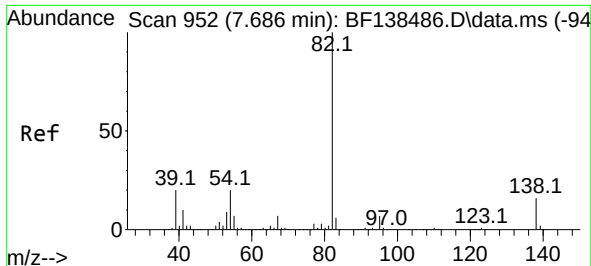
Ion Ratio Lower Upper

77 100

123 42.9 32.4 48.6

65 15.1 11.8 17.8

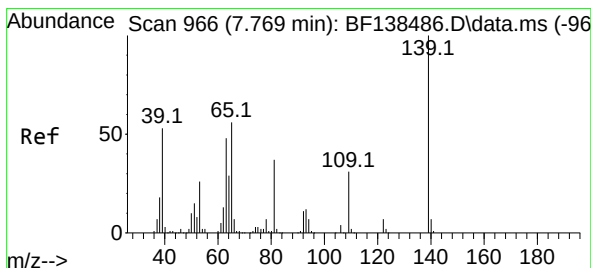
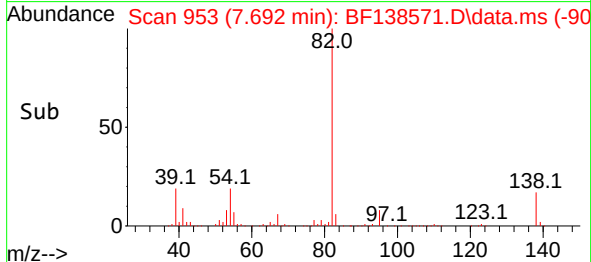
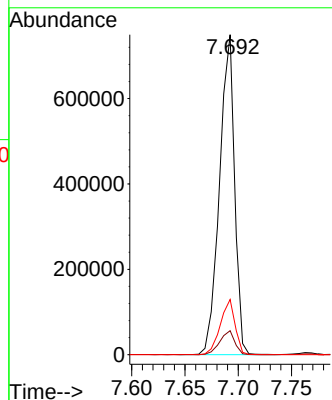
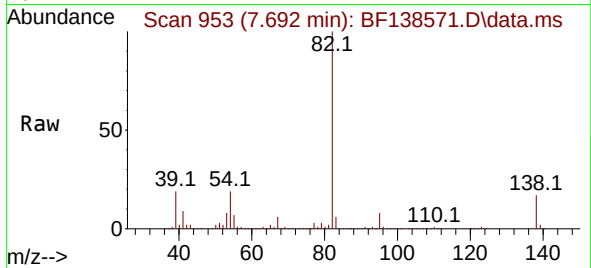




#25
Isophorone
Concen: 52.283 ng
RT: 7.692 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

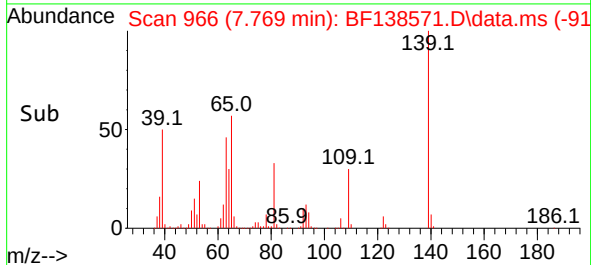
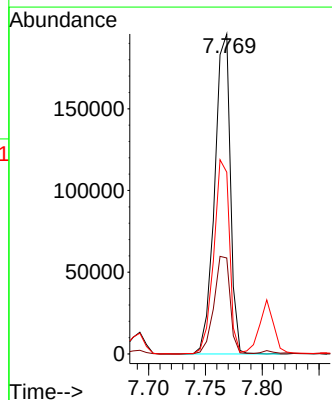
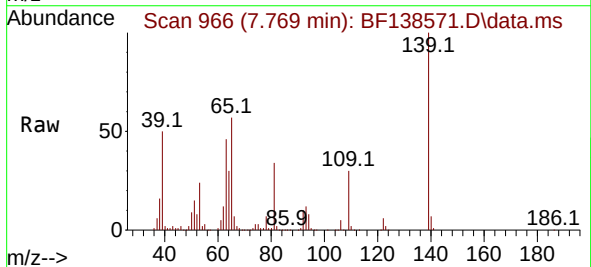
Instrument :
BNA_F
ClientSampleId :
20071MS

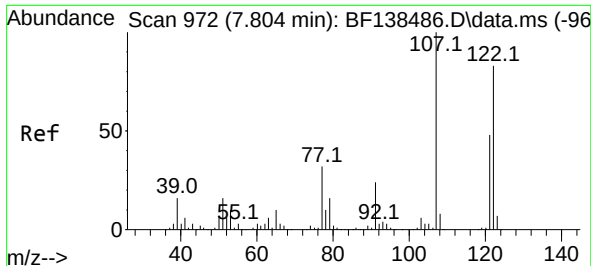
Tgt Ion: 82 Resp: 734675
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 17.3 12.8 19.2



#26
2-Nitrophenol
Concen: 52.735 ng
RT: 7.769 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

Tgt Ion:139 Resp: 187944
Ion Ratio Lower Upper
139 100
109 30.0 24.8 37.2
65 56.8 45.1 67.7

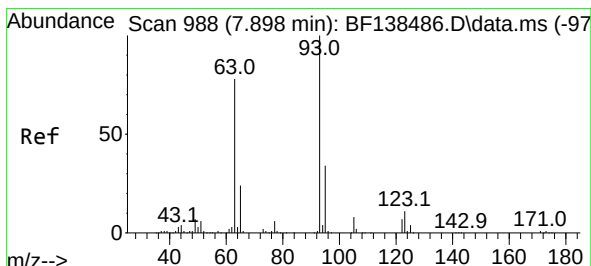
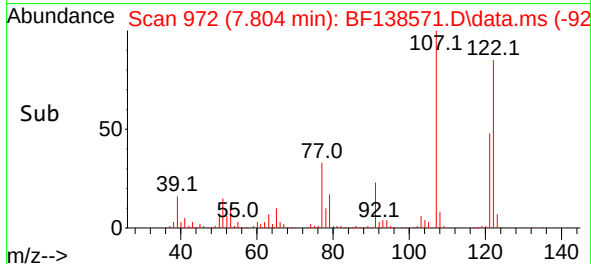
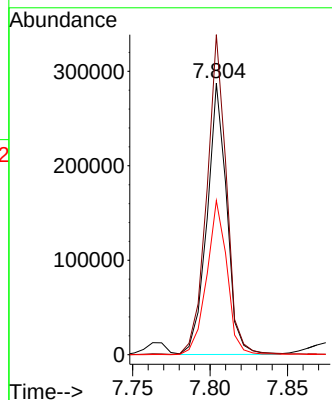
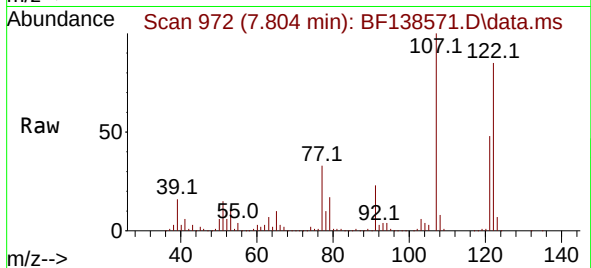




#27
2,4-Dimethylphenol
Concen: 57.992 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

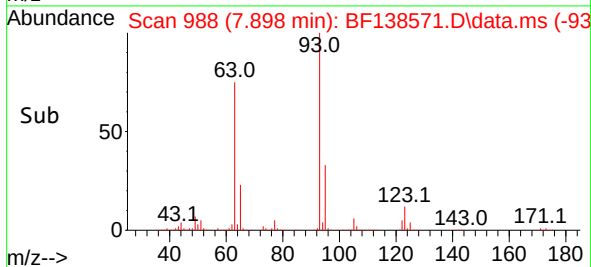
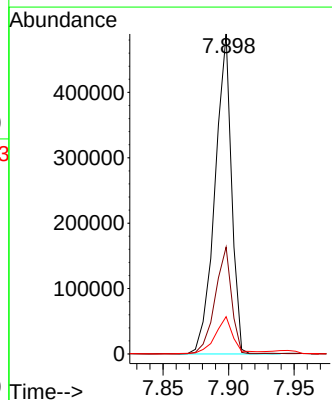
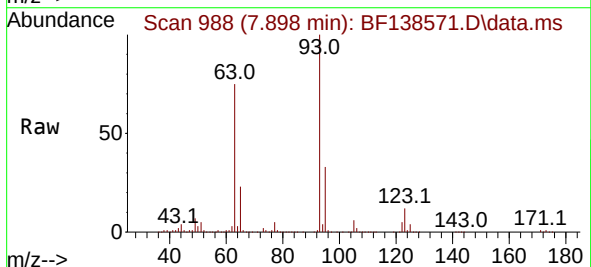
Instrument :
BNA_F
ClientSampleId :
20071MS

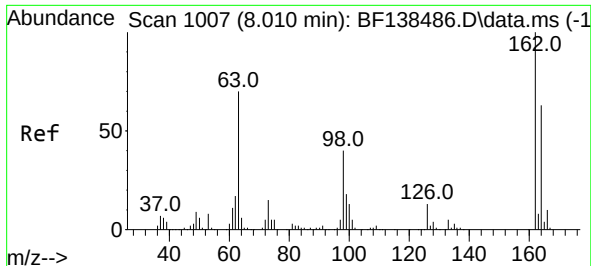
Tgt Ion:122 Resp: 254022
Ion Ratio Lower Upper
122 100
107 117.9 96.3 144.5
121 56.7 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 51.172 ng
RT: 7.898 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

Tgt Ion: 93 Resp: 429748
Ion Ratio Lower Upper
93 100
95 33.4 27.0 40.6
123 11.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 52.597 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF138571.D

Acq: 15 Jul 2024 16:40

Instrument :

BNA_F

ClientSampleId :

20071MS

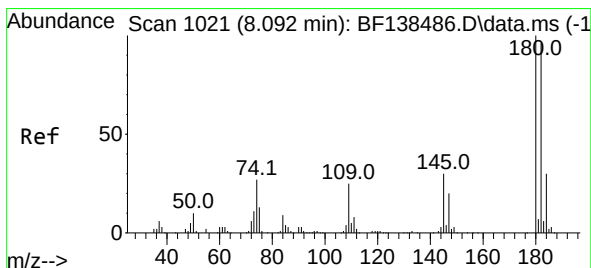
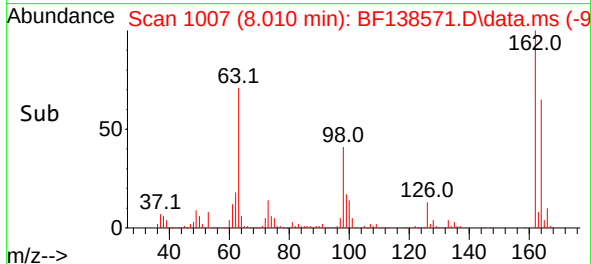
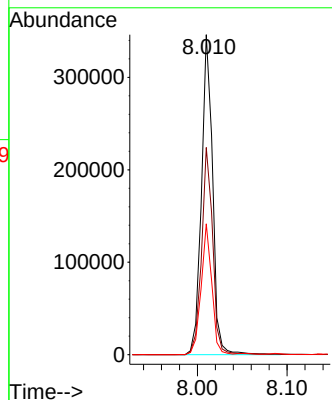
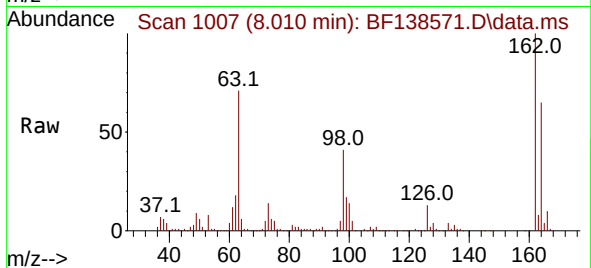
Tgt Ion:162 Resp: 299181

Ion Ratio Lower Upper

162 100

164 64.7 42.6 82.6

98 40.9 20.1 60.1



#30

1,2,4-Trichlorobenzene

Concen: 47.782 ng

RT: 8.086 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF138571.D

Acq: 15 Jul 2024 16:40

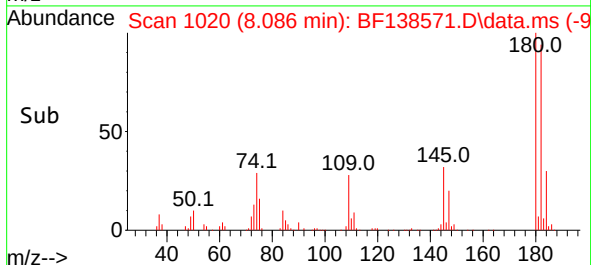
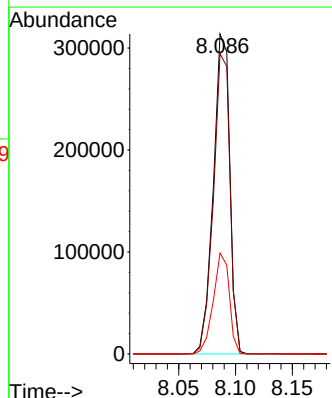
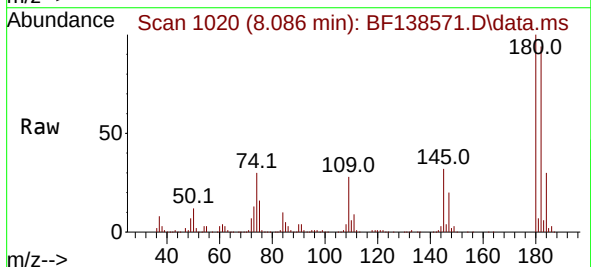
Tgt Ion:180 Resp: 316623

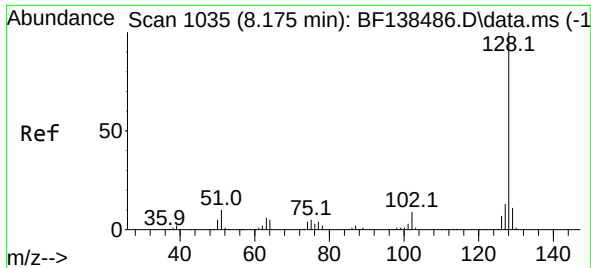
Ion Ratio Lower Upper

180 100

182 93.8 76.9 115.3

145 31.6 23.9 35.9

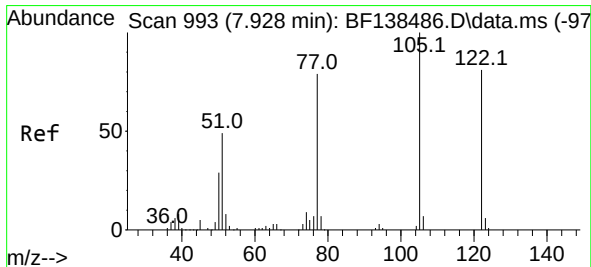
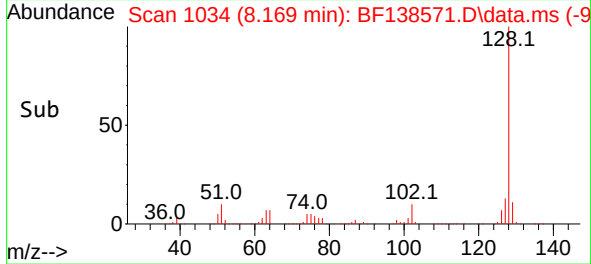
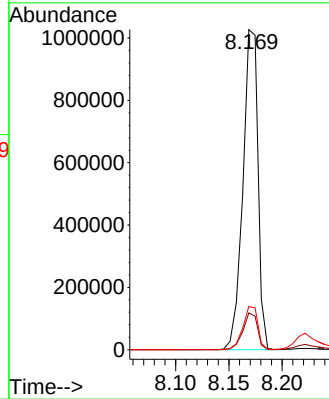
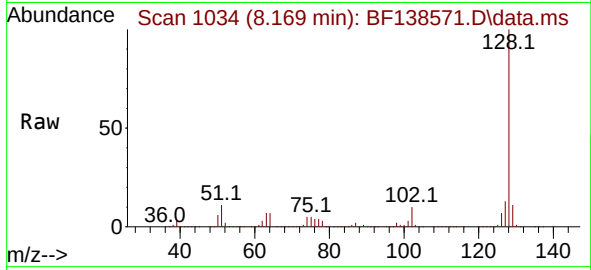




#31
Naphthalene
Concen: 48.625 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

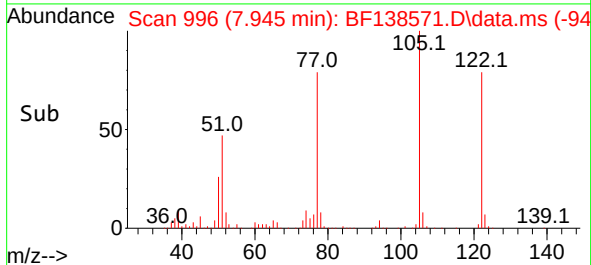
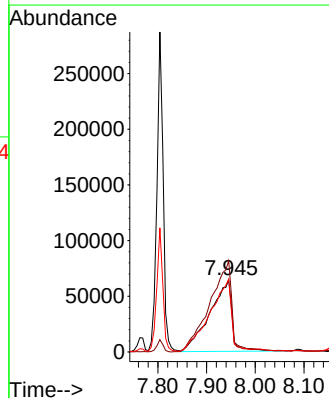
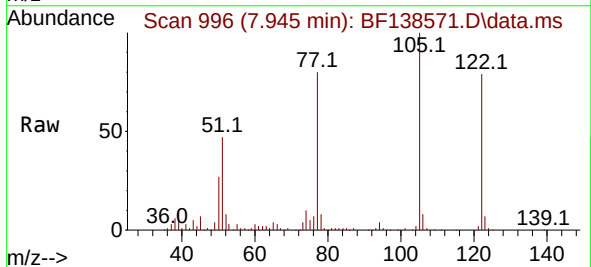
Instrument :
BNA_F
ClientSampleId :
20071MS

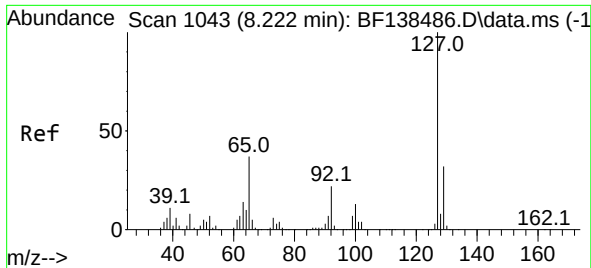
Tgt Ion:128 Resp: 1015964
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 48.850 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.018 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

Tgt Ion:122 Resp: 204084
Ion Ratio Lower Upper
122 100
105 126.7 101.5 141.5
77 101.1 77.3 117.3

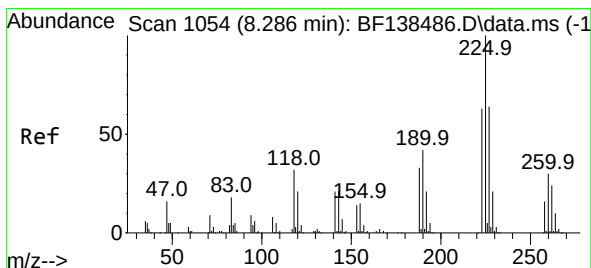
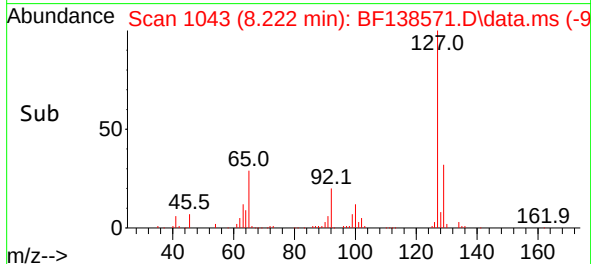
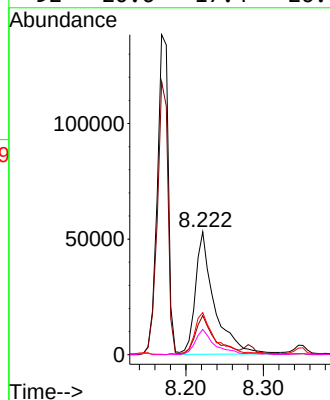
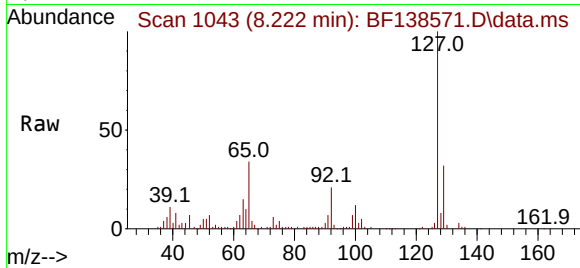




#33
4-Chloroaniline
Concen: 12.261 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

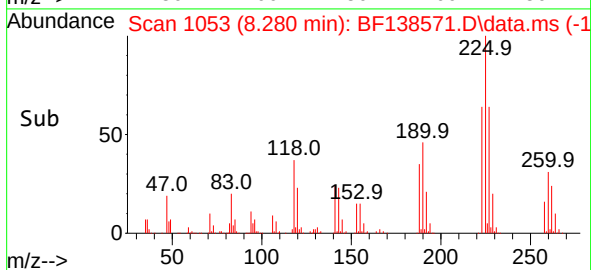
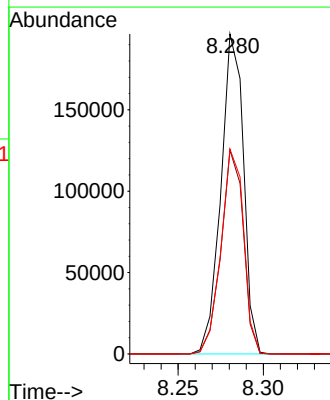
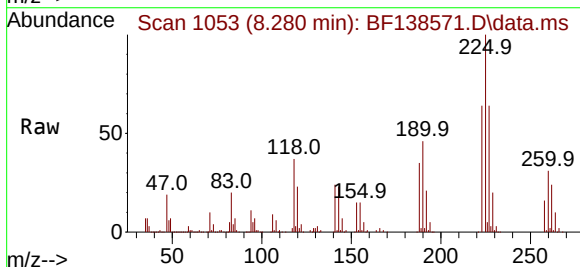
Instrument :
BNA_F
ClientSampleId :
20071MS

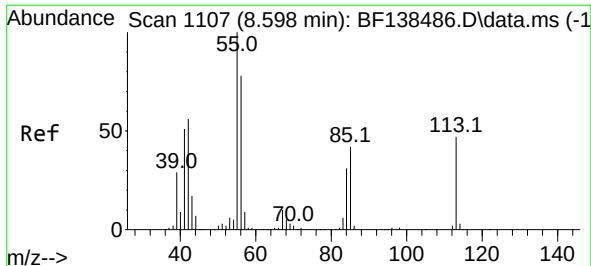
Tgt Ion:127	Resp:	89888
Ion	Ratio	Lower Upper
127	100	
129	31.8	25.6 38.4
65	34.2	29.6 44.4
92	20.6	17.4 26.0



#34
Hexachlorobutadiene
Concen: 44.420 ng
RT: 8.280 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

Tgt Ion:225	Resp:	181256
Ion	Ratio	Lower Upper
225	100	
223	63.7	50.0 75.0
227	64.0	51.0 76.6

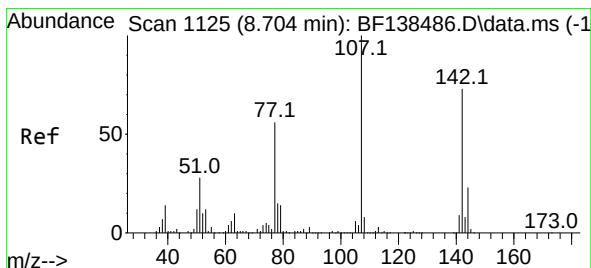
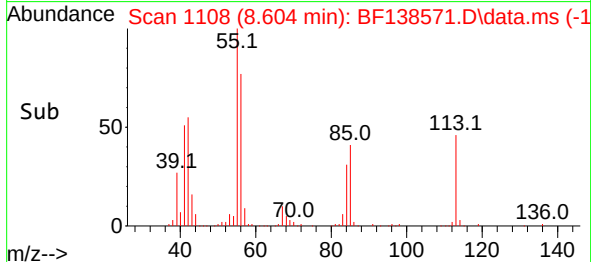
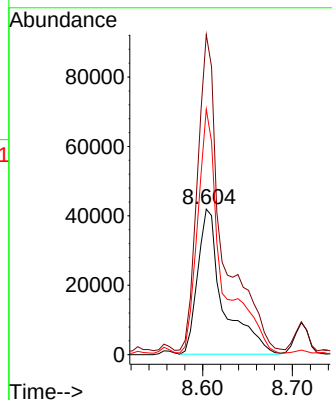
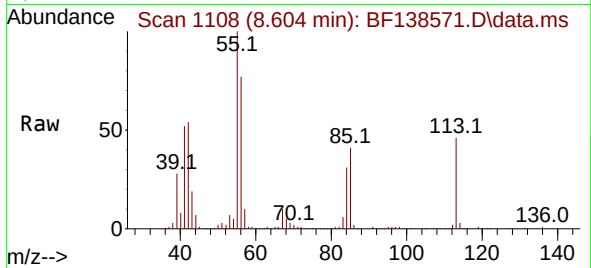




#35
 Caprolactam
 Concen: 45.162 ng
 RT: 8.604 min Scan# 1107
 Delta R.T. 0.006 min
 Lab File: BF138571.D
 Acq: 15 Jul 2024 16:40

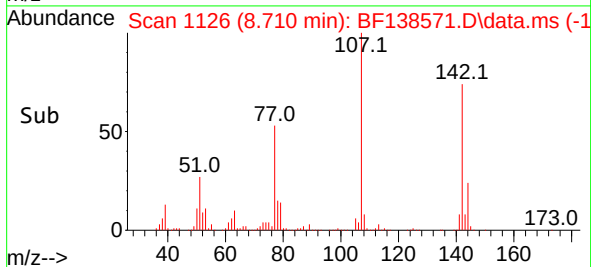
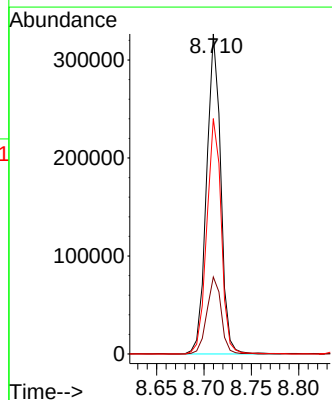
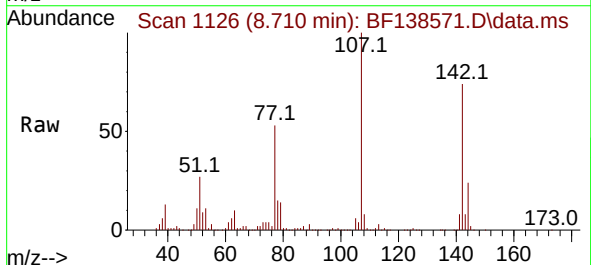
Instrument :
 BNA_F
 ClientSampleId :
 20071MS

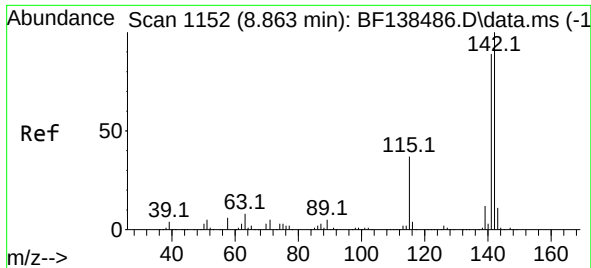
Tgt Ion:113 Resp: 82896
 Ion Ratio Lower Upper
 113 100
 55 219.7 192.5 232.5
 56 168.5 145.3 185.3



#36
 4-Chloro-3-methylphenol
 Concen: 53.354 ng
 RT: 8.710 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF138571.D
 Acq: 15 Jul 2024 16:40

Tgt Ion:107 Resp: 339761
 Ion Ratio Lower Upper
 107 100
 144 24.0 18.6 27.8
 142 73.6 58.6 88.0

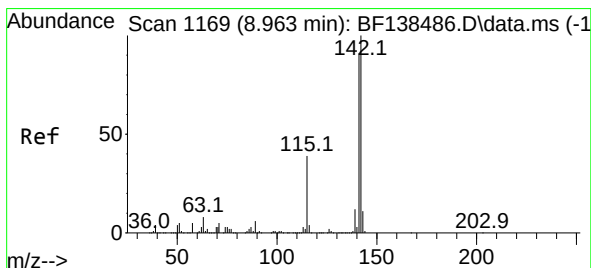
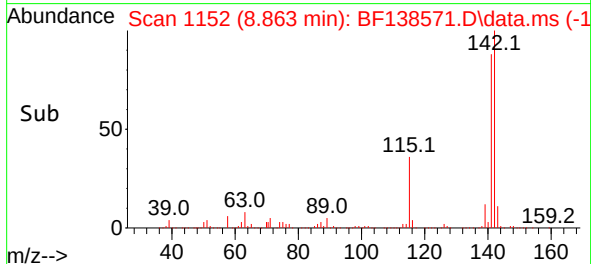
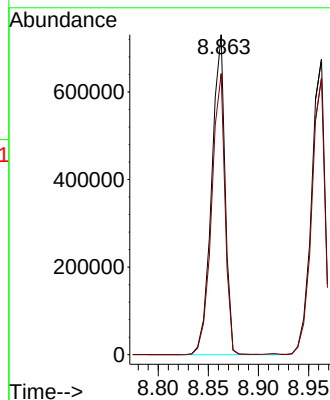
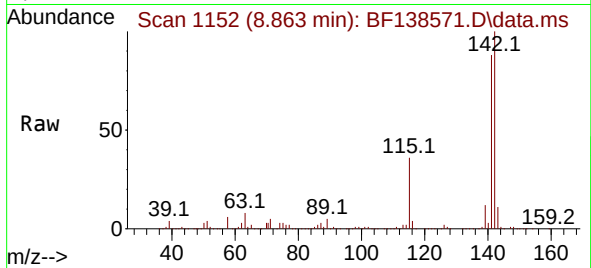




#37
2-Methylnaphthalene
Concen: 50.550 ng
RT: 8.863 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

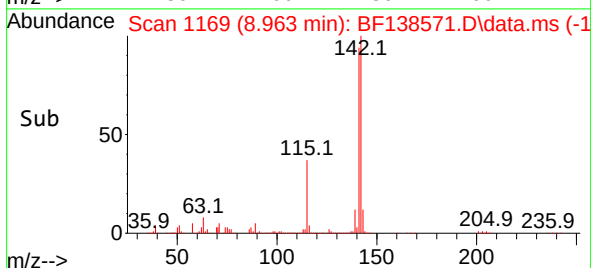
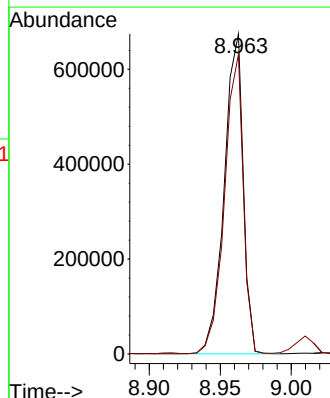
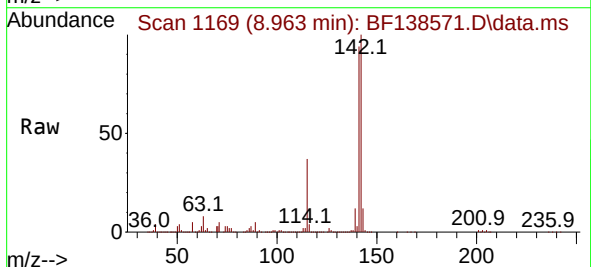
Instrument :
BNA_F
ClientSampleId :
20071MS

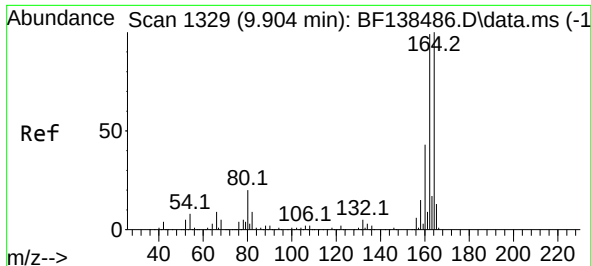
Tgt Ion:142 Resp: 679688
Ion Ratio Lower Upper
142 100
141 87.8 71.4 107.0



#38
1-Methylnaphthalene
Concen: 47.877 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

Tgt Ion:142 Resp: 628262
Ion Ratio Lower Upper
142 100
141 93.7 72.6 108.8

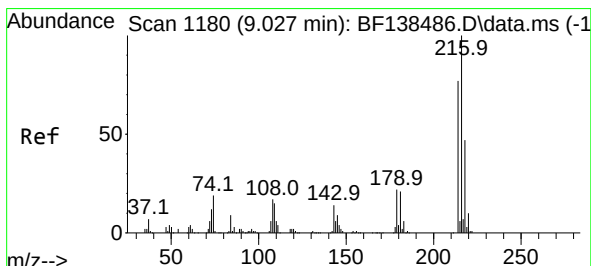
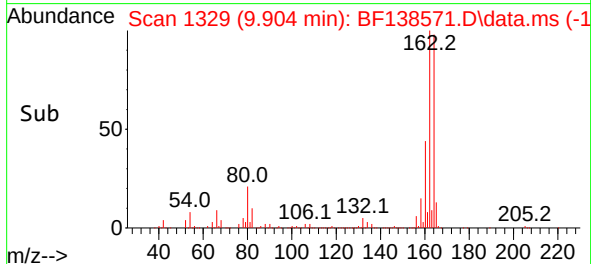
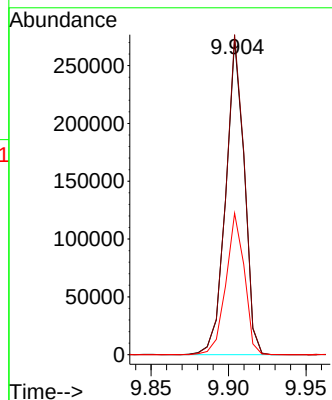
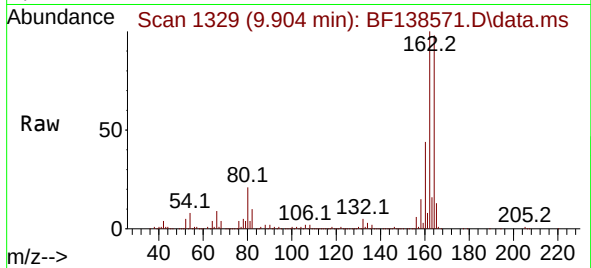




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

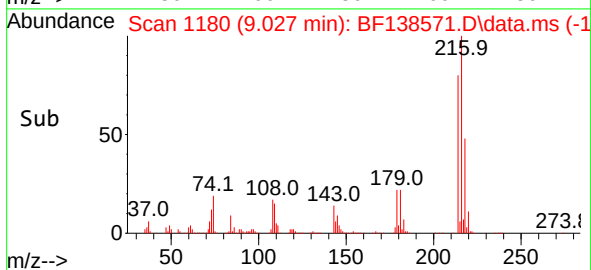
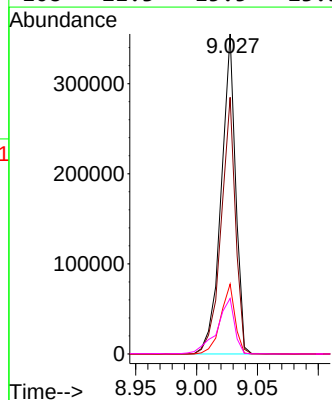
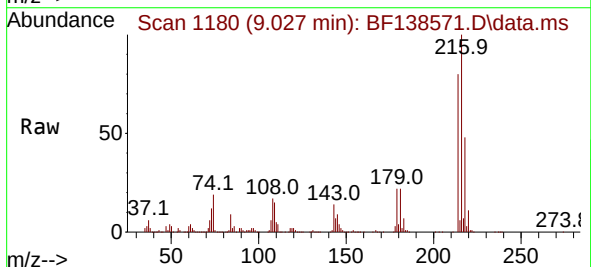
Instrument :
BNA_F
ClientSampleId :
20071MS

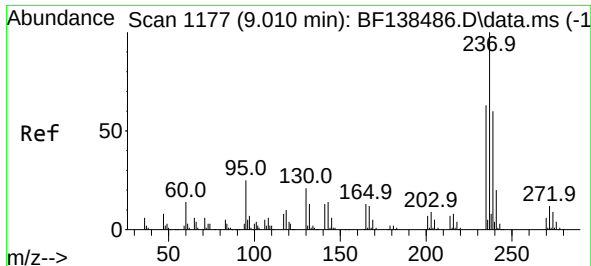
Tgt Ion:164 Resp: 226745
Ion Ratio Lower Upper
164 100
162 101.7 79.0 118.6
160 44.9 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.418 ng
RT: 9.027 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

Tgt Ion:216 Resp: 293341
Ion Ratio Lower Upper
216 100
214 79.3 62.8 94.2
179 21.6 17.7 26.5
108 21.3 15.5 23.3

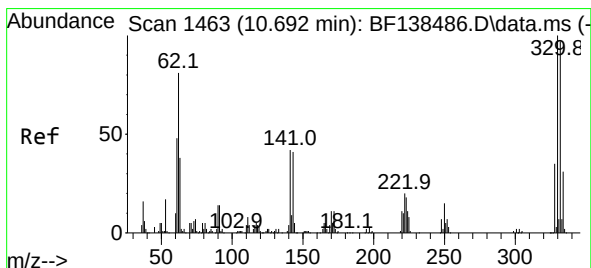
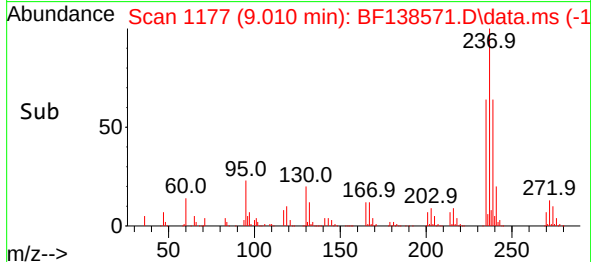
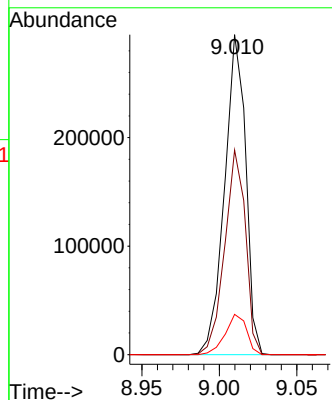
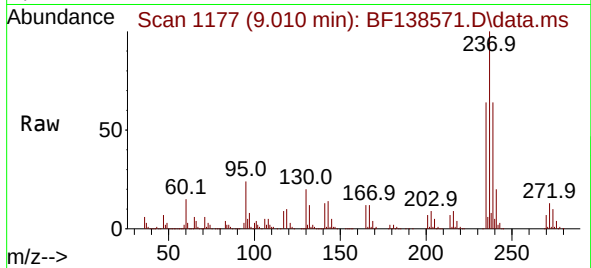




#41
Hexachlorocyclopentadiene
Concen: 136.460 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

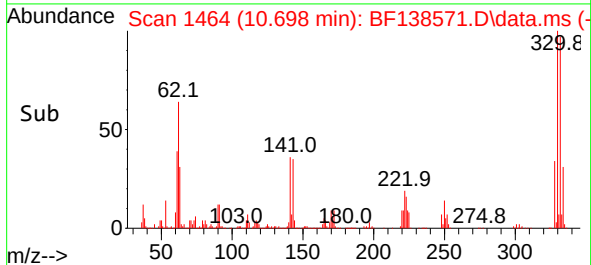
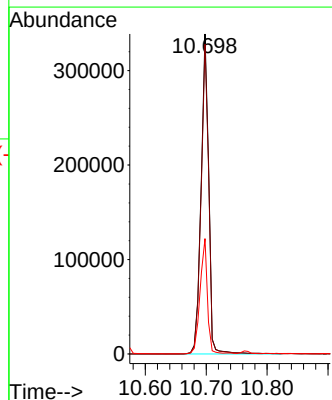
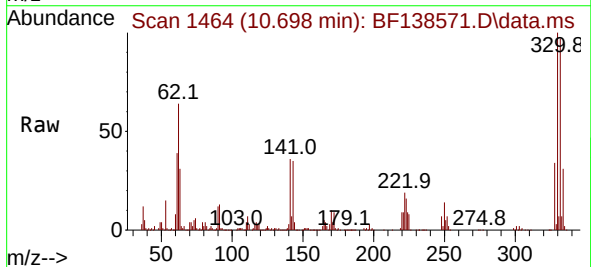
Instrument :
BNA_F
ClientSampleId :
20071MS

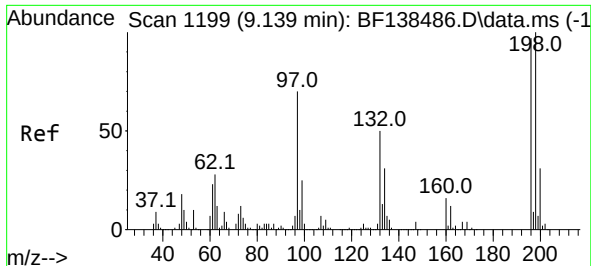
Tgt Ion:237 Resp: 279908
Ion Ratio Lower Upper
237 100
235 64.0 43.3 83.3
272 12.6 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 140.007 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

Tgt Ion:330 Resp: 296698
Ion Ratio Lower Upper
330 100
332 96.7 76.8 115.2
141 35.1 29.4 44.2

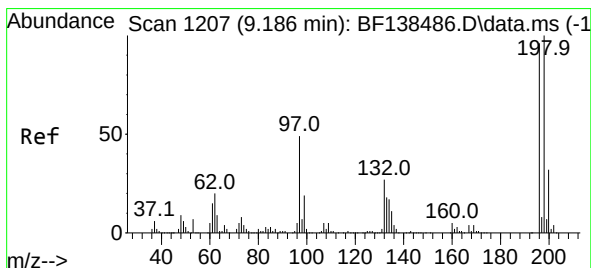
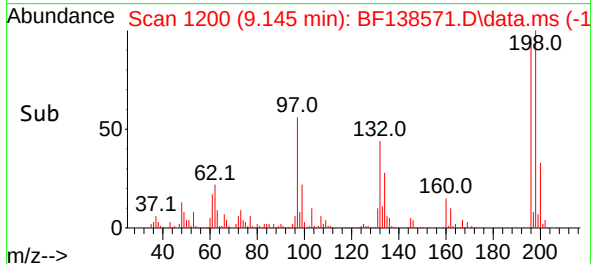
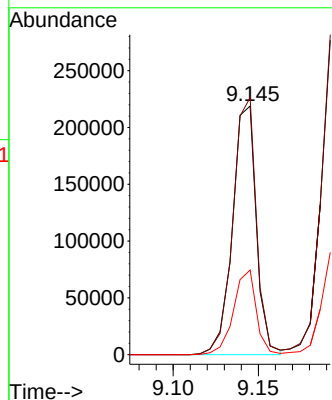
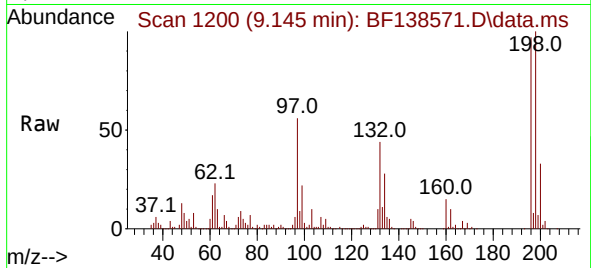




#43
2,4,6-Trichlorophenol
Concen: 52.883 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

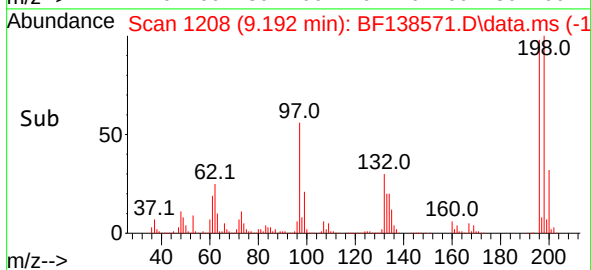
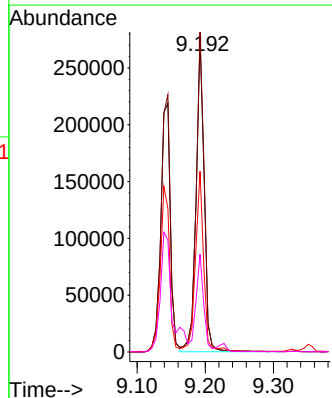
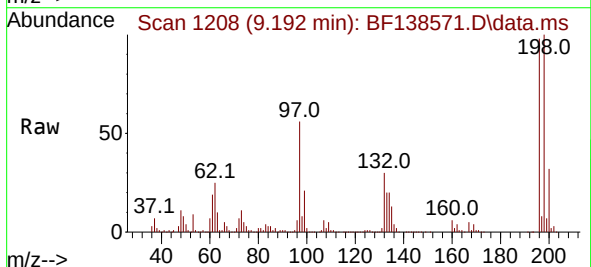
Instrument :
BNA_F
ClientSampleId :
20071MS

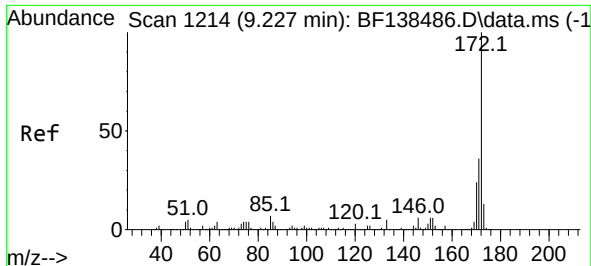
Tgt Ion:196 Resp: 213177
Ion Ratio Lower Upper
196 100
198 103.4 82.3 123.5
200 34.1 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 51.595 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

Tgt Ion:196 Resp: 228758
Ion Ratio Lower Upper
196 100
198 101.8 82.8 124.2
97 57.4 41.0 61.4
132 31.0 22.7 34.1

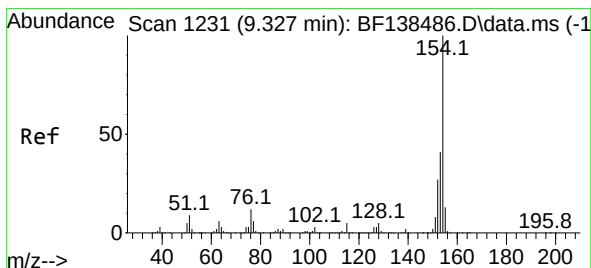
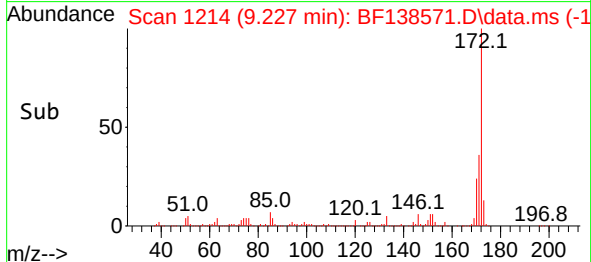
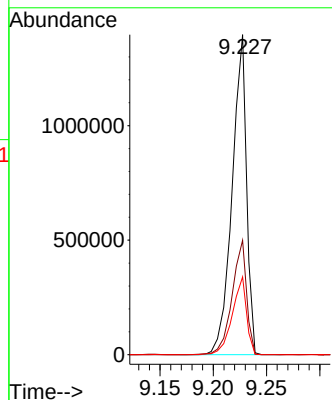
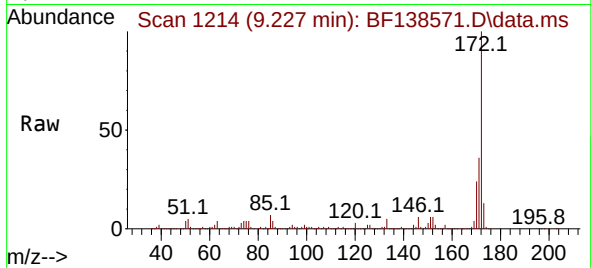




#45
2-Fluorobiphenyl
Concen: 90.641 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

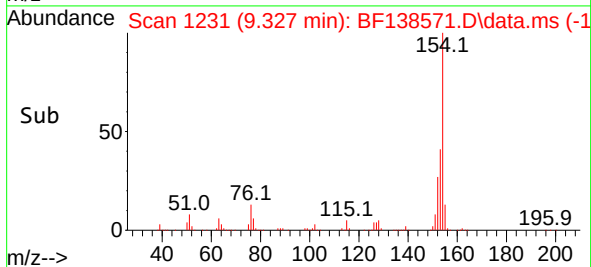
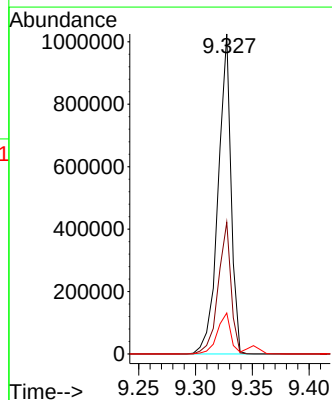
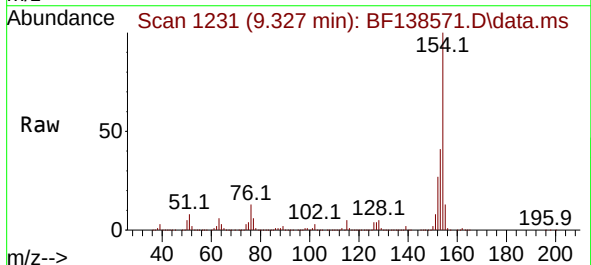
Instrument :
BNA_F
ClientSampleId :
20071MS

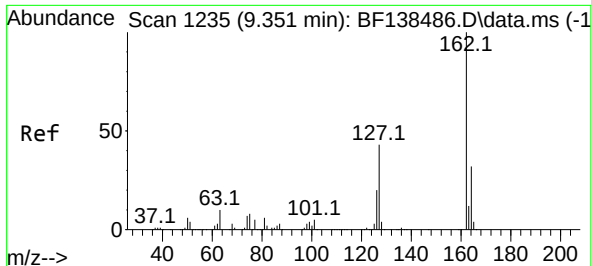
Tgt Ion:172 Resp: 1315013
Ion Ratio Lower Upper
172 100
171 35.8 28.9 43.3
170 24.3 18.9 28.3



#46
1,1'-Biphenyl
Concen: 47.059 ng
RT: 9.327 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

Tgt Ion:154 Resp: 808657
Ion Ratio Lower Upper
154 100
153 41.2 20.7 60.7
76 12.8 0.0 32.2

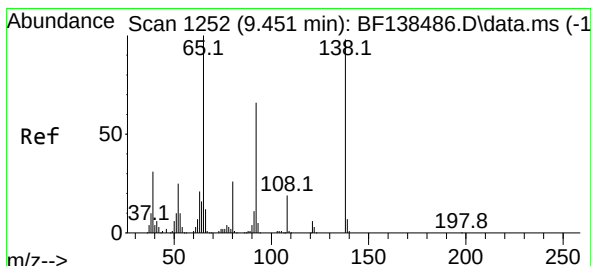
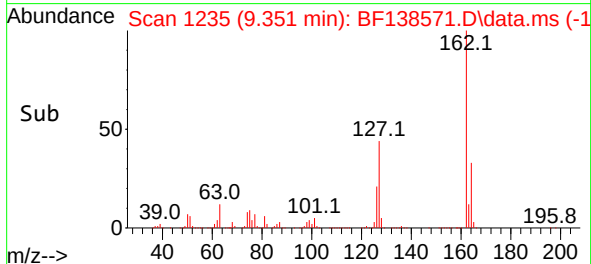
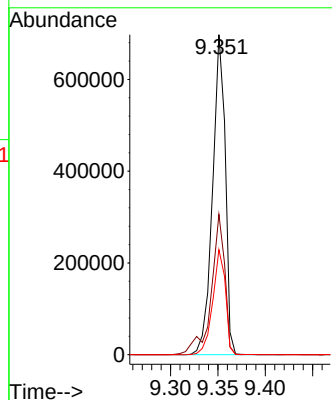
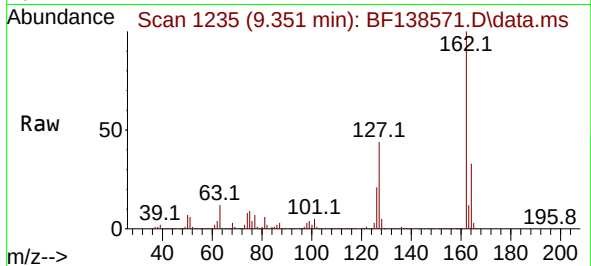




#47
2-Chloronaphthalene
Concen: 50.082 ng
RT: 9.351 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

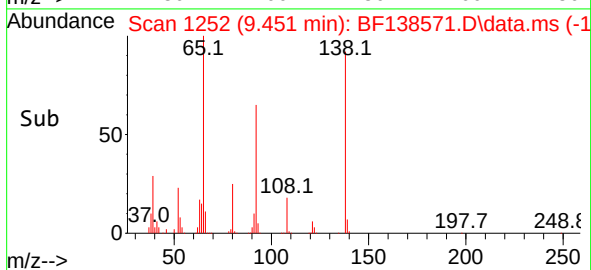
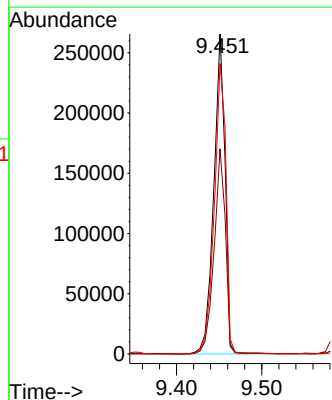
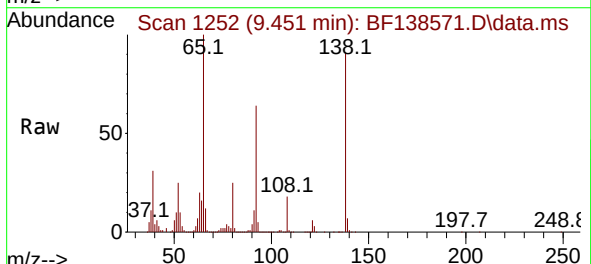
Instrument :
BNA_F
ClientSampleId :
20071MS

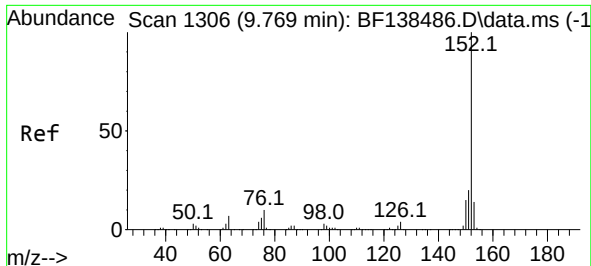
Tgt Ion:162 Resp: 650141
Ion Ratio Lower Upper
162 100
127 43.8 34.8 52.2
164 32.8 25.6 38.4



#48
2-Nitroaniline
Concen: 54.373 ng
RT: 9.451 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

Tgt Ion: 65 Resp: 244598
Ion Ratio Lower Upper
65 100
92 64.1 52.6 78.8
138 90.8 78.6 118.0





#49

Acenaphthylene

Concen: 55.330 ng

RT: 9.769 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138571.D

Acq: 15 Jul 2024 16:40

Instrument :

BNA_F

ClientSampleId :

20071MS

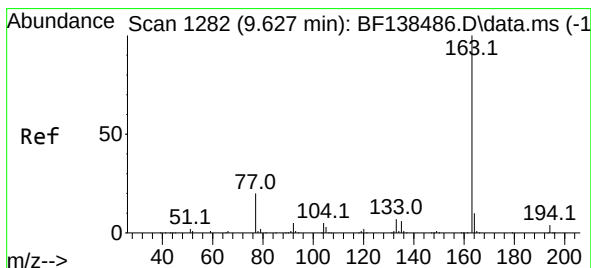
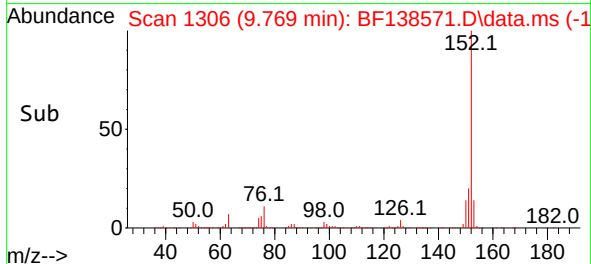
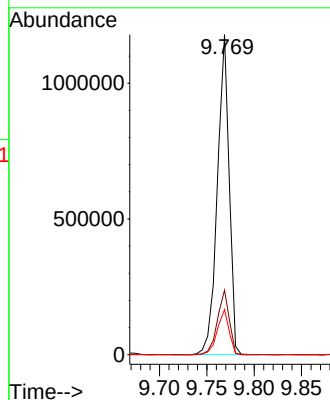
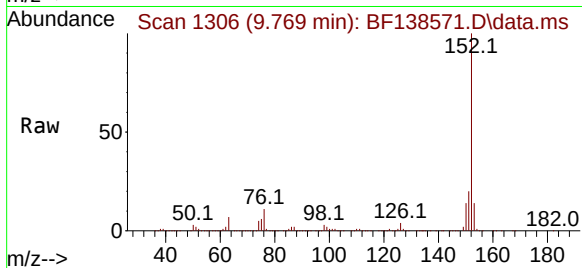
Tgt Ion:152 Resp: 1019769

Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5

153 14.1 11.3 16.9



#50

Dimethylphthalate

Concen: 54.443 ng

RT: 9.633 min Scan# 1283

Delta R.T. 0.006 min

Lab File: BF138571.D

Acq: 15 Jul 2024 16:40

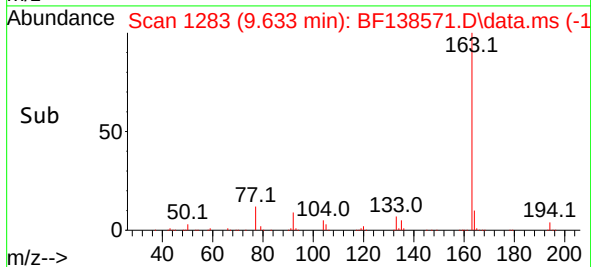
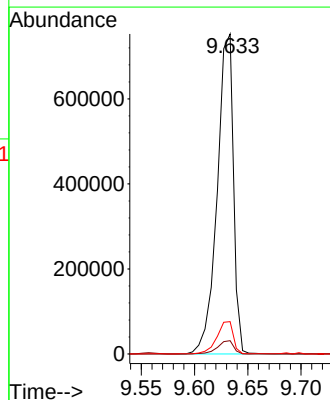
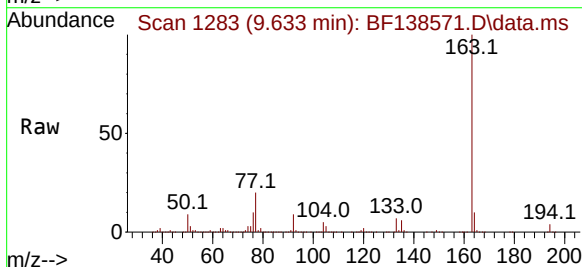
Tgt Ion:163 Resp: 798235

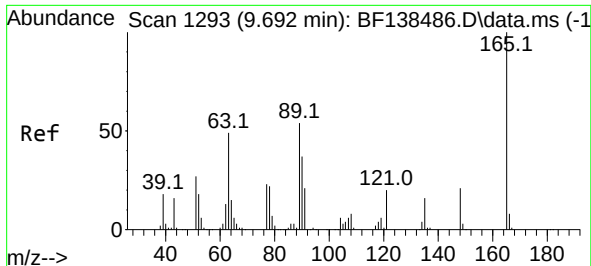
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

164 10.1 8.1 12.1

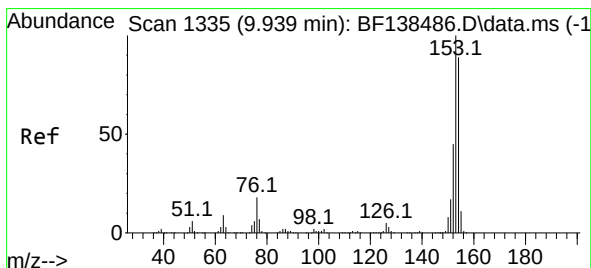
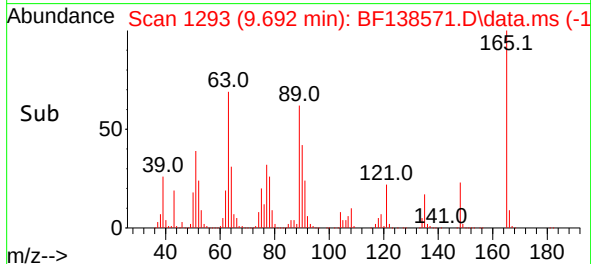
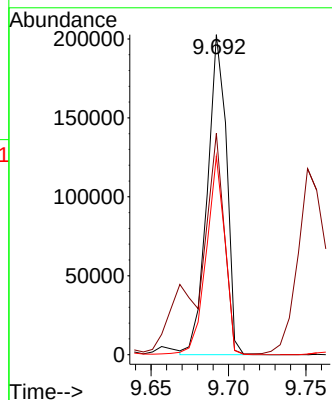
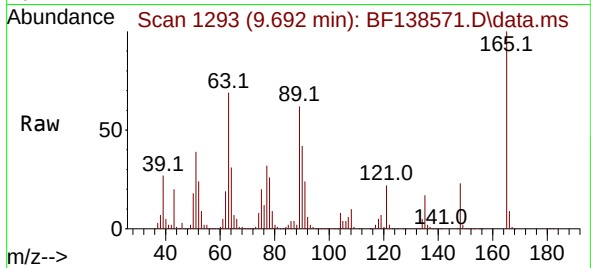




#51
2,6-Dinitrotoluene
Concen: 51.710 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

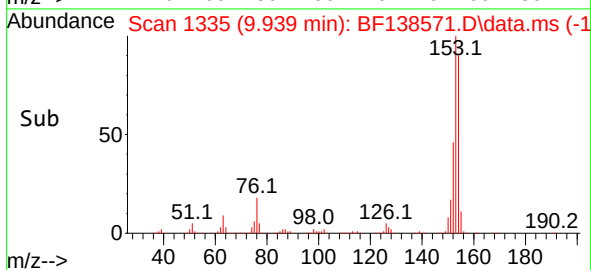
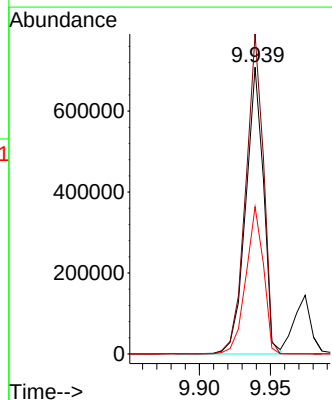
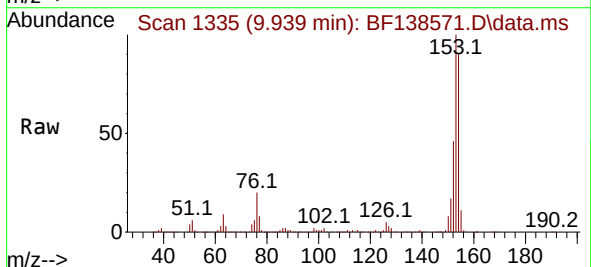
Instrument :
BNA_F
ClientSampleId :
20071MS

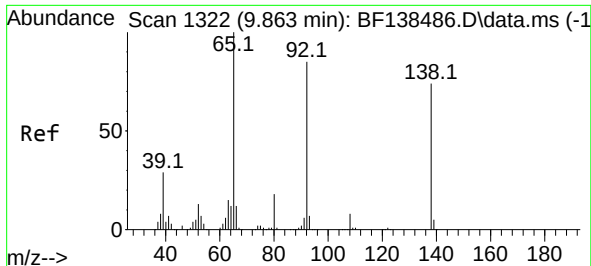
Tgt Ion:165 Resp: 174564
Ion Ratio Lower Upper
165 100
63 69.2 48.1 72.1
89 62.1 43.0 64.6



#52
Acenaphthene
Concen: 50.461 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

Tgt Ion:154 Resp: 618218
Ion Ratio Lower Upper
154 100
153 111.6 90.4 135.6
152 51.3 41.1 61.7

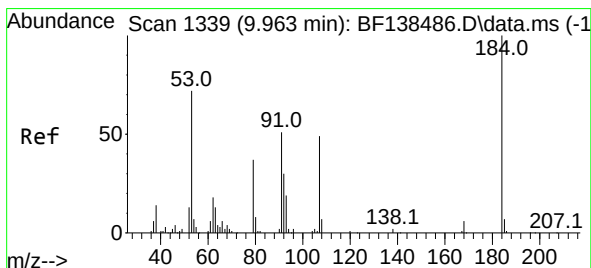
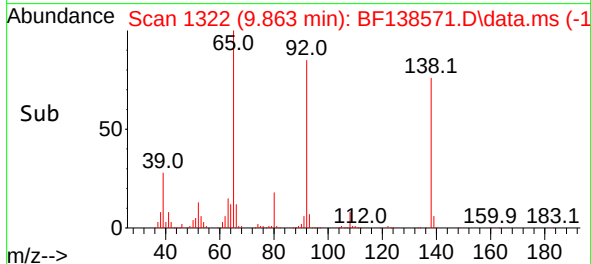
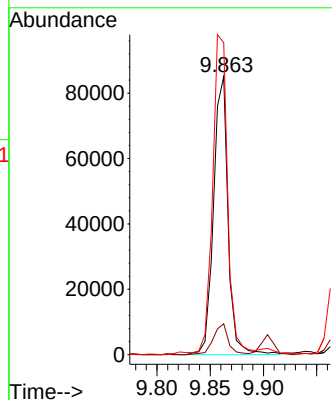
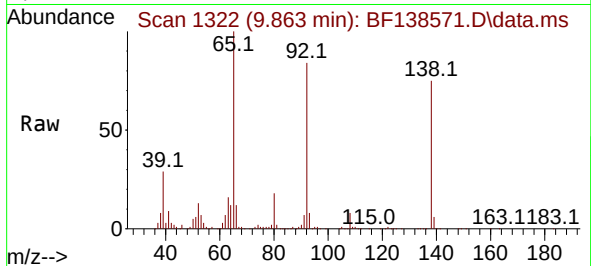




#53
3-Nitroaniline
Concen: 23.404 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

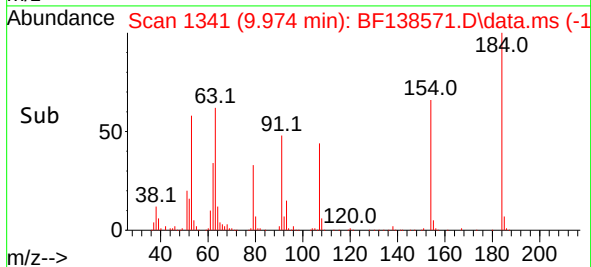
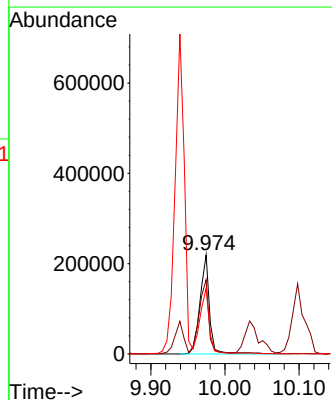
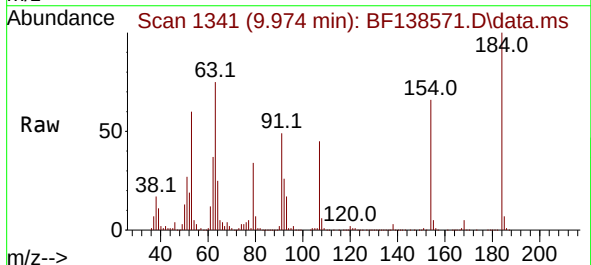
Instrument :
BNA_F
ClientSampleId :
20071MS

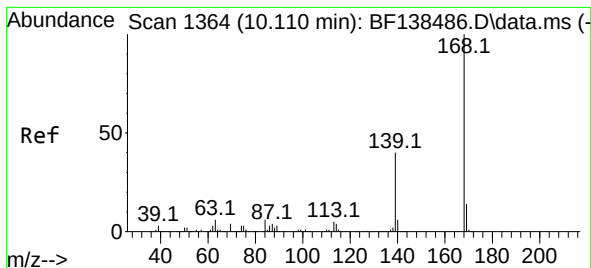
Tgt Ion:138 Resp: 80977
Ion Ratio Lower Upper
138 100
108 11.1 8.3 12.5
92 112.2 92.6 138.8



#54
2,4-Dinitrophenol
Concen: 106.528 ng
RT: 9.974 min Scan# 1341
Delta R.T. 0.011 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

Tgt Ion:184 Resp: 195982
Ion Ratio Lower Upper
184 100
63 75.0 70.6 106.0
154 66.1 53.8 80.6





#55

Dibenzenofuran

Concen: 51.807 ng

RT: 10.110 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138571.D

Acq: 15 Jul 2024 16:40

Instrument :

BNA_F

ClientSampleId :

20071MS

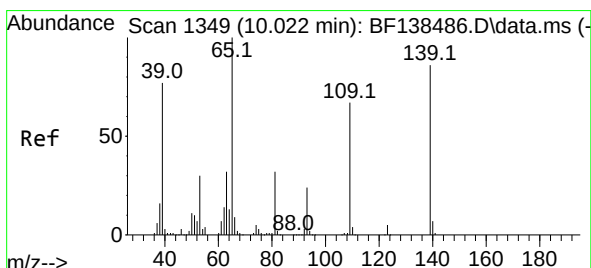
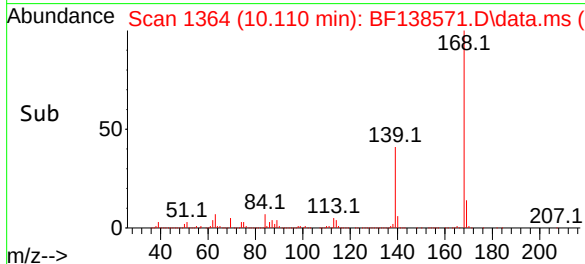
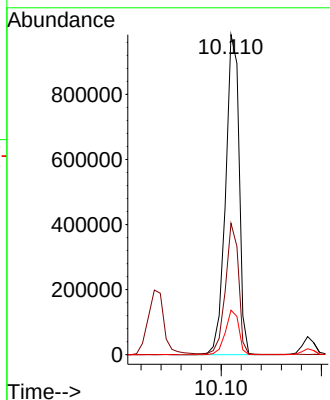
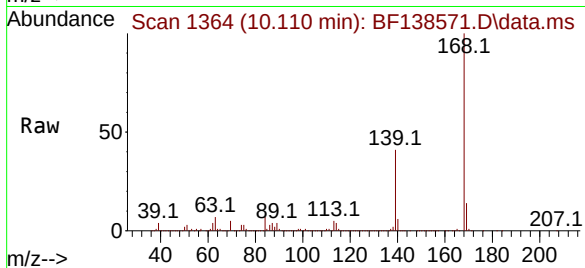
Tgt Ion:168 Resp: 920619

Ion Ratio Lower Upper

168 100

139 41.0 32.4 48.6

169 13.9 10.9 16.3



#56

4-Nitrophenol

Concen: 87.391 ng

RT: 10.033 min Scan# 1351

Delta R.T. 0.012 min

Lab File: BF138571.D

Acq: 15 Jul 2024 16:40

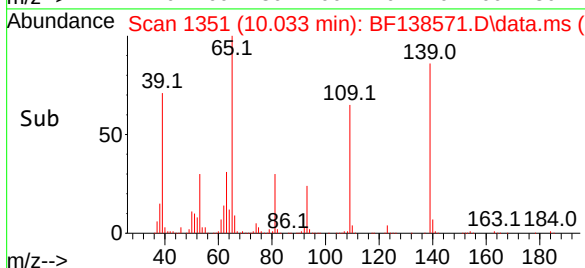
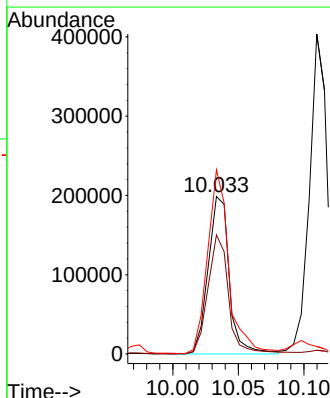
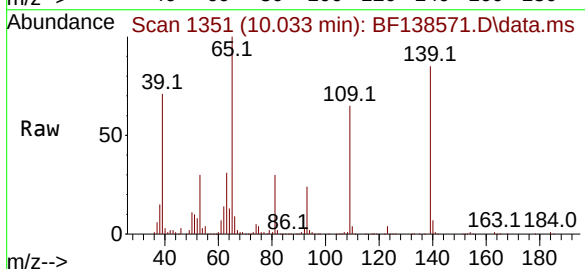
Tgt Ion:139 Resp: 223109

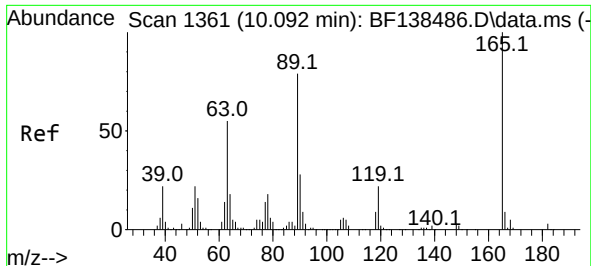
Ion Ratio Lower Upper

139 100

109 75.6 58.1 98.1

65 117.0 96.9 136.9

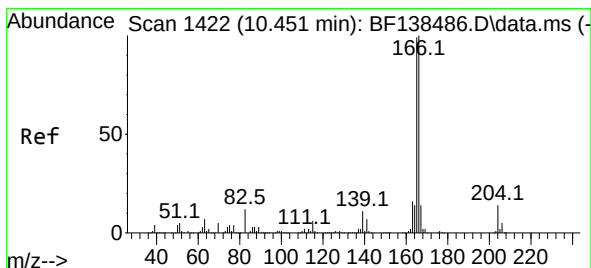
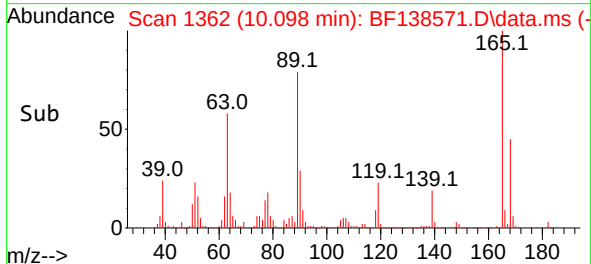
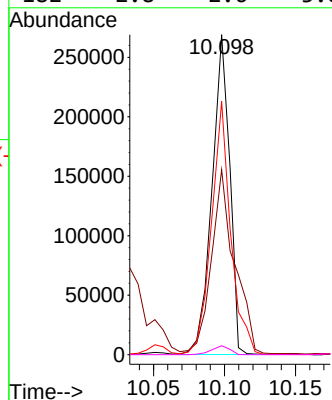
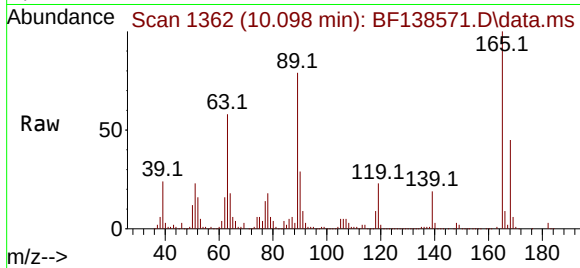




#57
2,4-Dinitrotoluene
Concen: 53.224 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

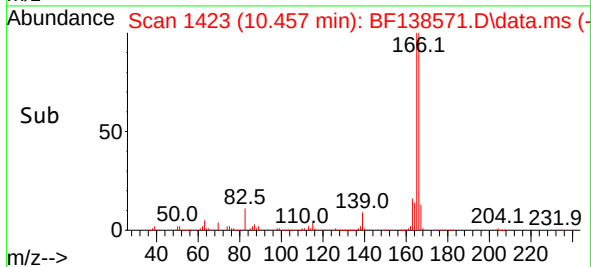
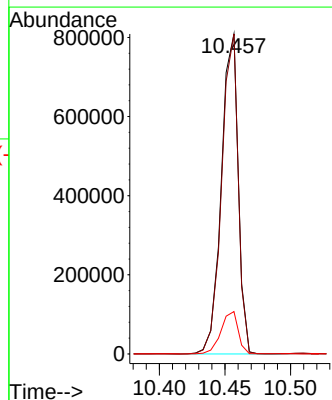
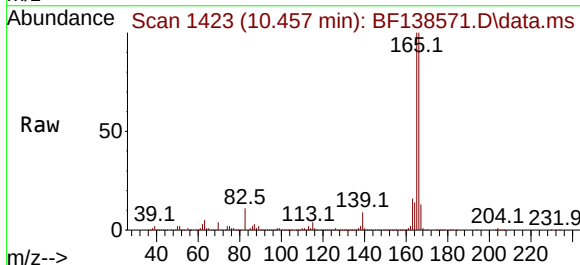
Instrument :
BNA_F
ClientSampleId :
20071MS

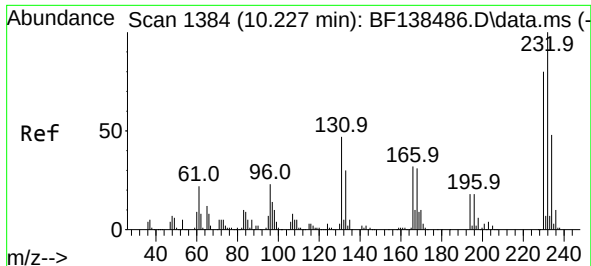
Tgt Ion:165 Resp: 232476
Ion Ratio Lower Upper
165 100
63 57.8 44.6 66.8
89 79.2 63.4 95.2
182 2.8 2.6 3.8



#58
Fluorene
Concen: 51.319 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

Tgt Ion:166 Resp: 721576
Ion Ratio Lower Upper
166 100
165 100.0 79.1 118.7
167 13.3 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 55.243 ng

RT: 10.233 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138571.D

Acq: 15 Jul 2024 16:40

Instrument :

BNA_F

ClientSampleId :

20071MS

Tgt Ion:232 Resp: 193301

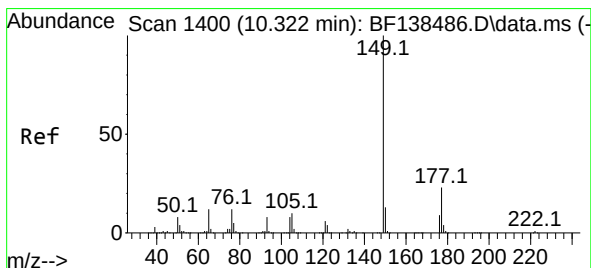
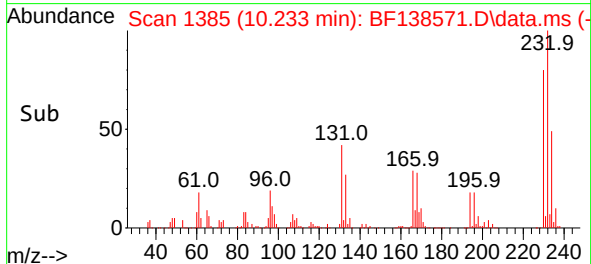
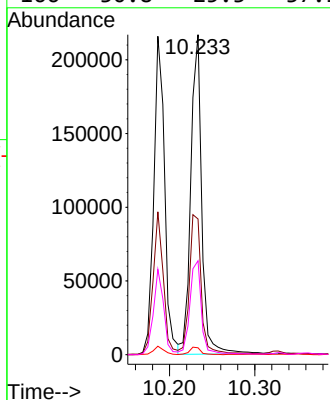
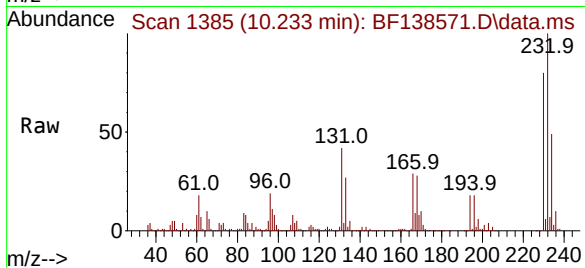
Ion Ratio Lower Upper

232 100

131 47.2 37.5 56.3

130 2.5 2.0 3.0

166 30.8 25.3 37.9



#60

Diethylphthalate

Concen: 54.735 ng

RT: 10.327 min Scan# 1401

Delta R.T. 0.006 min

Lab File: BF138571.D

Acq: 15 Jul 2024 16:40

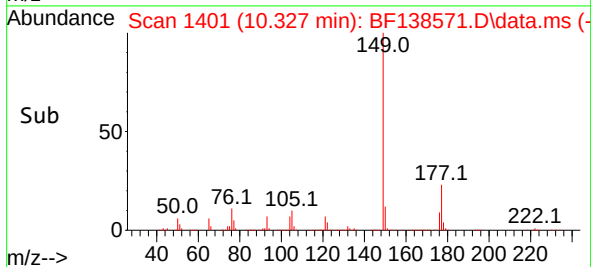
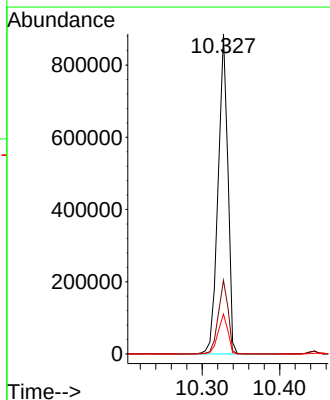
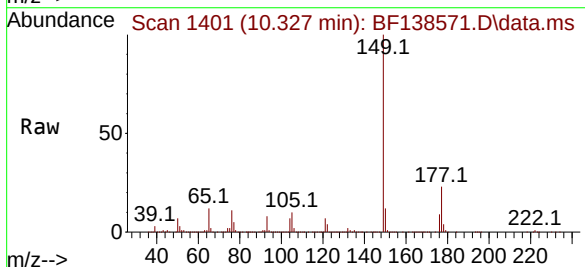
Tgt Ion:149 Resp: 773651

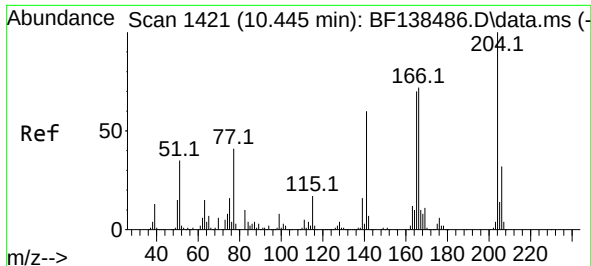
Ion Ratio Lower Upper

149 100

177 23.0 18.5 27.7

150 12.5 10.3 15.5

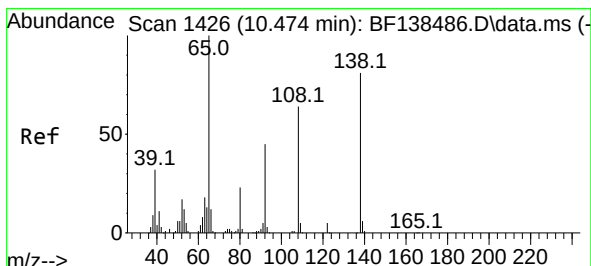
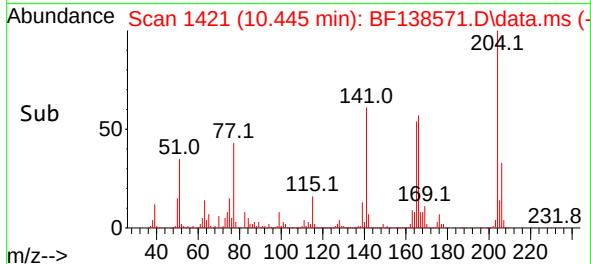
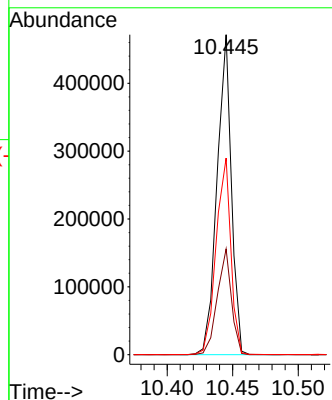
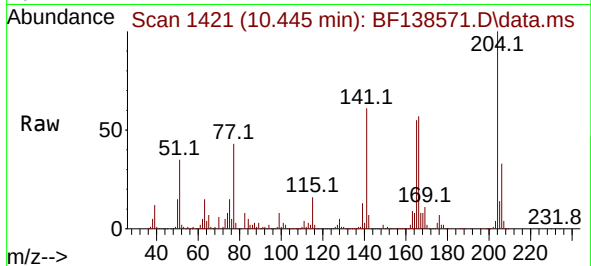




#61
4-Chlorophenyl-phenylether
Concen: 50.779 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

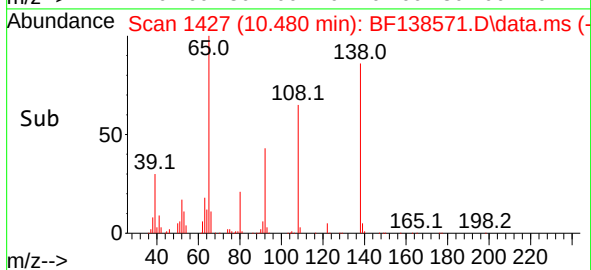
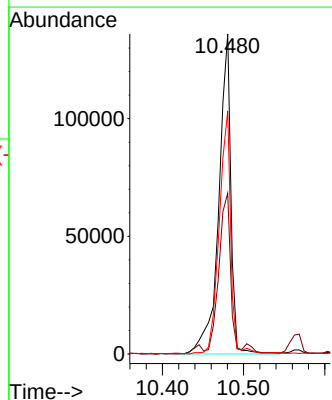
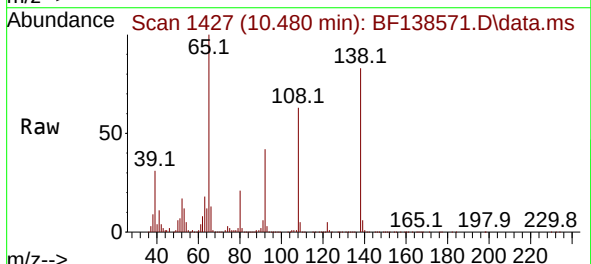
Instrument :
BNA_F
ClientSampleId :
20071MS

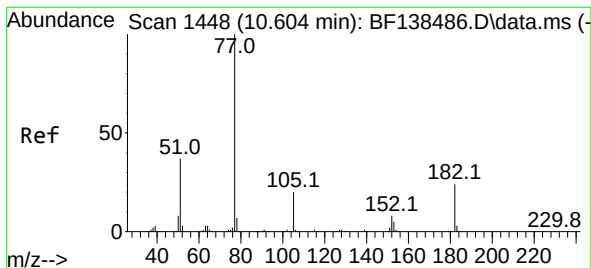
Tgt Ion:204 Resp: 358521
Ion Ratio Lower Upper
204 100
206 33.1 25.6 38.4
141 61.5 47.7 71.5



#62
4-Nitroaniline
Concen: 40.758 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

Tgt Ion:138 Resp: 141317
Ion Ratio Lower Upper
138 100
92 50.3 35.8 75.8
108 76.0 59.8 99.8





#63

Azobenzene

Concen: 52.290 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF138571.D

Acq: 15 Jul 2024 16:40

Instrument :

BNA_F

ClientSampleId :

20071MS

Tgt Ion: 77 Resp: 794629

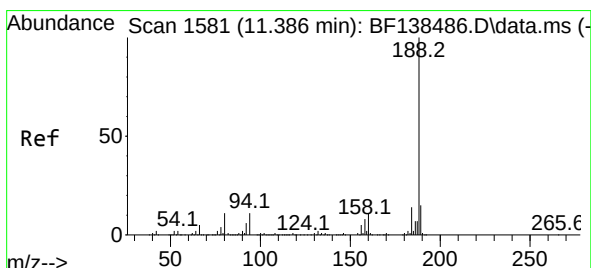
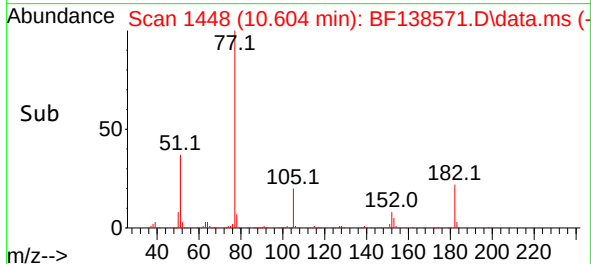
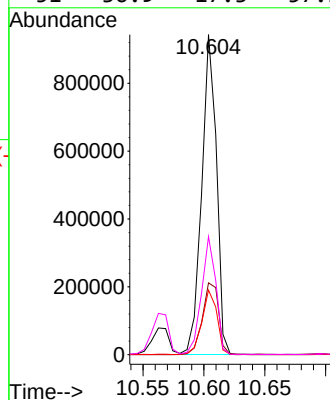
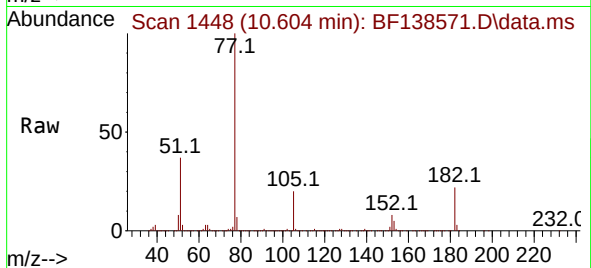
Ion Ratio Lower Upper

77 100

182 22.5 3.8 43.8

105 20.2 0.0 39.8

51 36.9 17.3 57.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1582

Delta R.T. 0.006 min

Lab File: BF138571.D

Acq: 15 Jul 2024 16:40

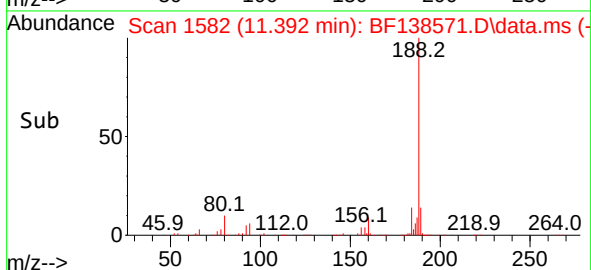
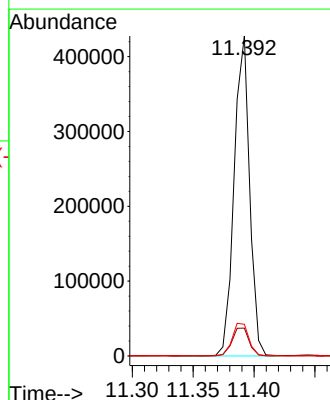
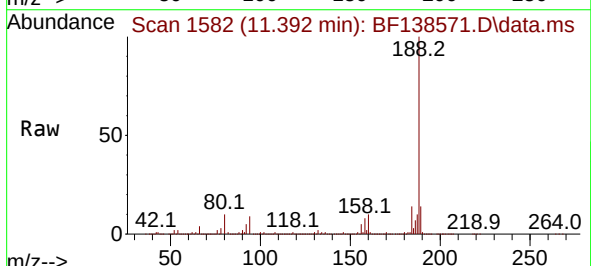
Tgt Ion:188 Resp: 376571

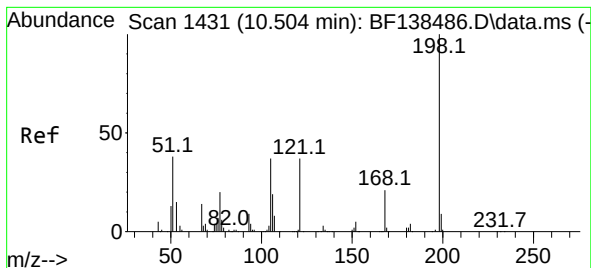
Ion Ratio Lower Upper

188 100

94 8.7 8.7 13.1#

80 9.9 9.0 13.4

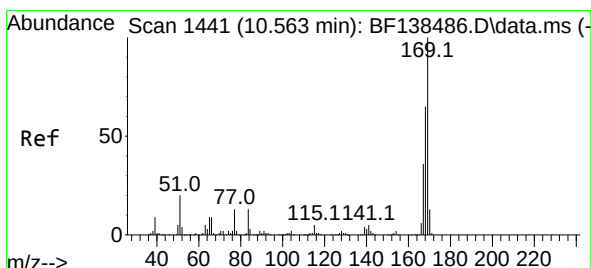
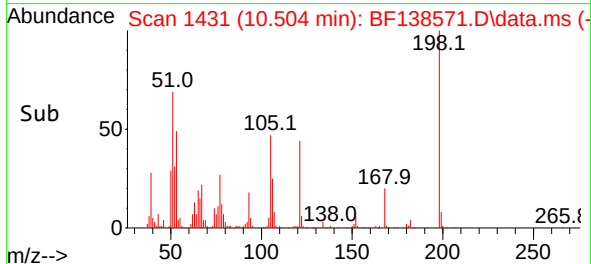
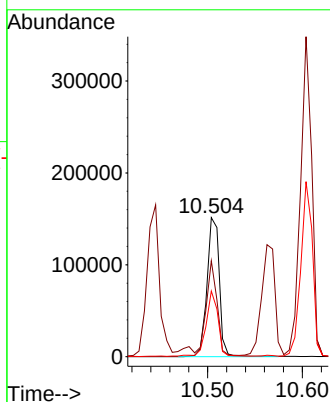
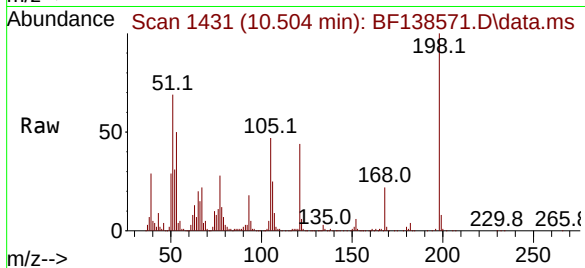




#65
4,6-Dinitro-2-methylphenol
Concen: 62.889 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

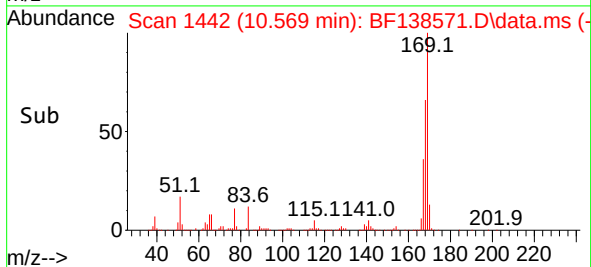
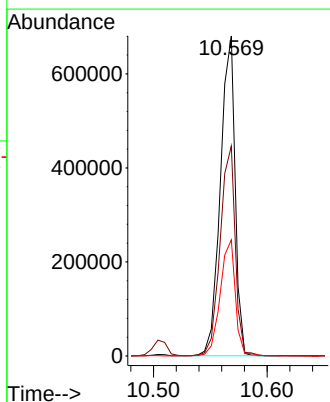
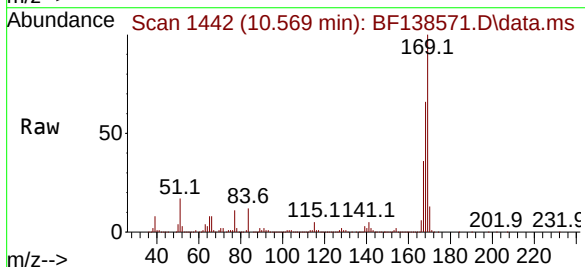
Instrument :
BNA_F
ClientSampleId :
20071MS

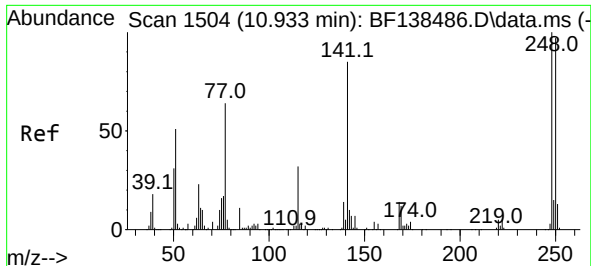
Tgt Ion:198 Resp: 136743
Ion Ratio Lower Upper
198 100
51 69.0 27.2 67.2#
105 47.2 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 54.493 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

Tgt Ion:169 Resp: 614806
Ion Ratio Lower Upper
169 100
168 65.6 51.7 77.5
167 36.3 28.5 42.7

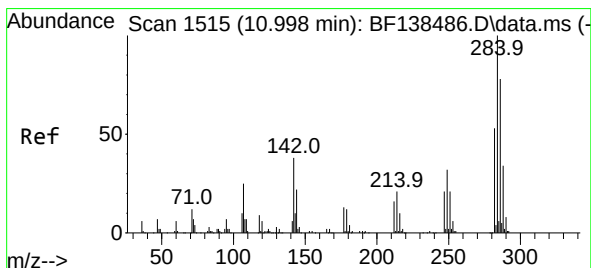
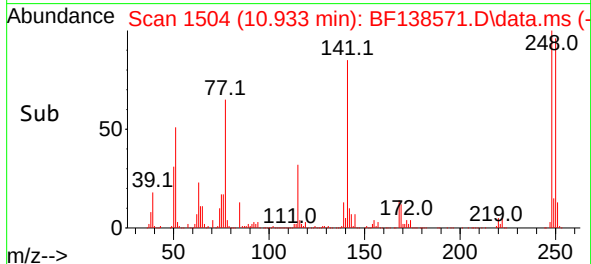
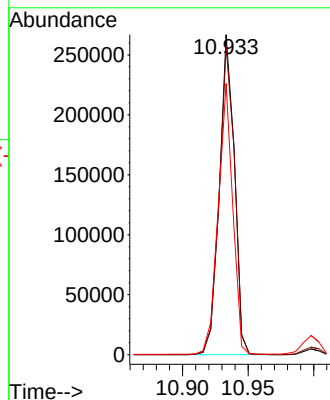
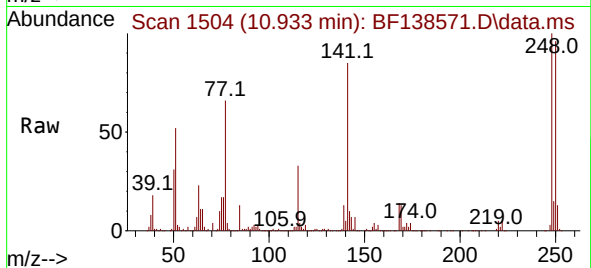




#67
4-Bromophenyl-phenylether
Concen: 54.903 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

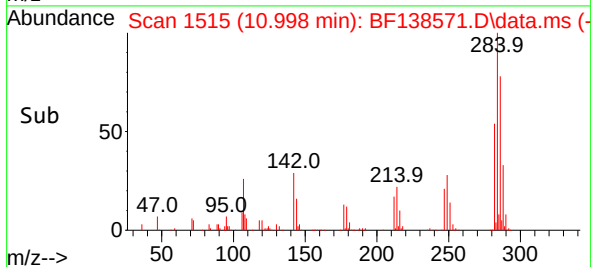
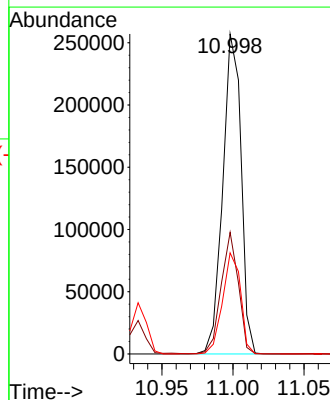
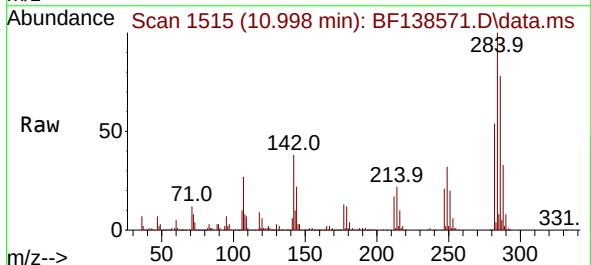
Instrument :
BNA_F
ClientSampleId :
20071MS

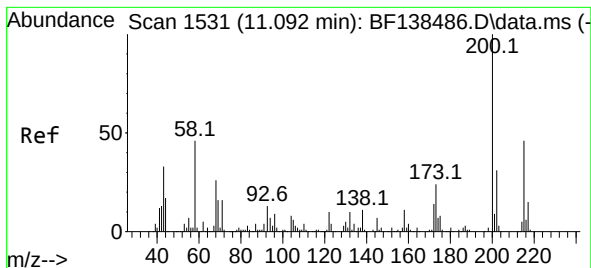
Tgt Ion:248 Resp: 212499
Ion Ratio Lower Upper
248 100
250 96.4 77.9 116.9
141 84.8 67.7 101.5



#68
Hexachlorobenzene
Concen: 53.449 ng
RT: 10.998 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

Tgt Ion:284 Resp: 229817
Ion Ratio Lower Upper
284 100
142 38.0 30.5 45.7
249 31.6 25.9 38.9





#69

Atrazine

Concen: 35.970 ng

RT: 11.092 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF138571.D

Acq: 15 Jul 2024 16:40

Instrument :

BNA_F

ClientSampleId :

20071MS

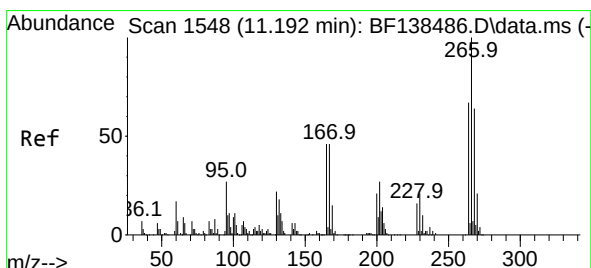
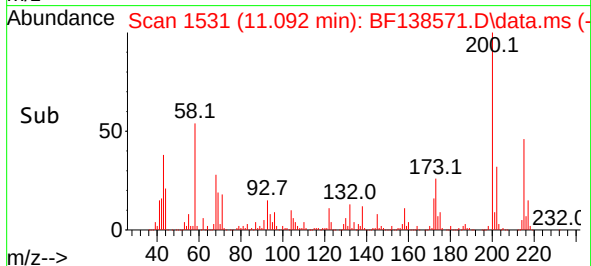
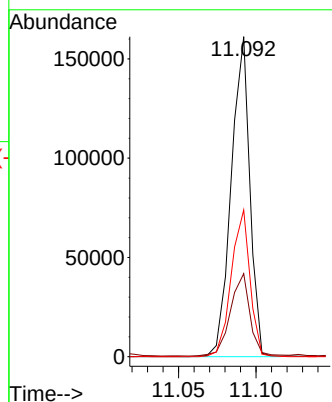
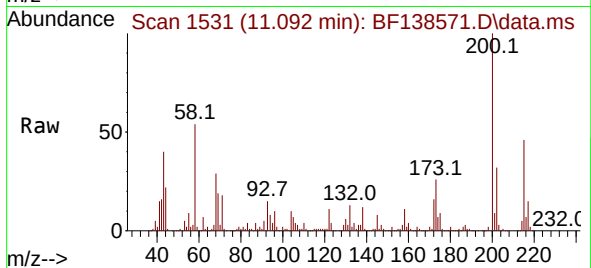
Tgt Ion:200 Resp: 134548

Ion Ratio Lower Upper

200 100

173 26.0 4.1 44.1

215 45.8 26.5 66.5



#70

Pentachlorophenol

Concen: 101.310 ng

RT: 11.198 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF138571.D

Acq: 15 Jul 2024 16:40

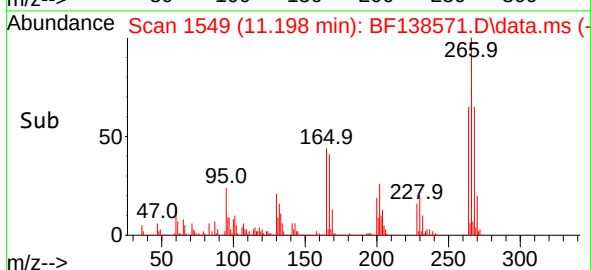
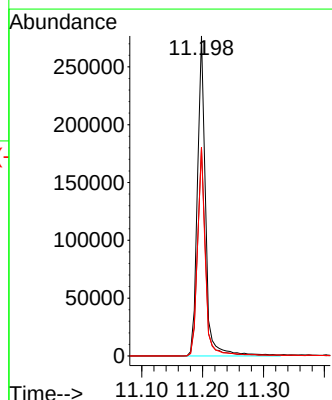
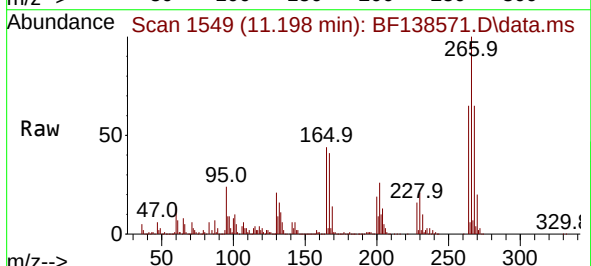
Tgt Ion:266 Resp: 257762

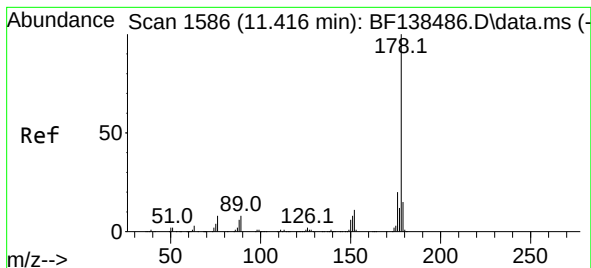
Ion Ratio Lower Upper

266 100

268 65.3 50.9 76.3

264 65.2 53.5 80.3





#71

Phenanthrene

Concen: 53.074 ng

RT: 11.416 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF138571.D

Acq: 15 Jul 2024 16:40

Instrument :

BNA_F

ClientSampleId :

20071MS

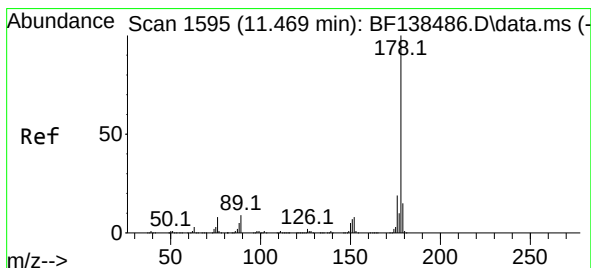
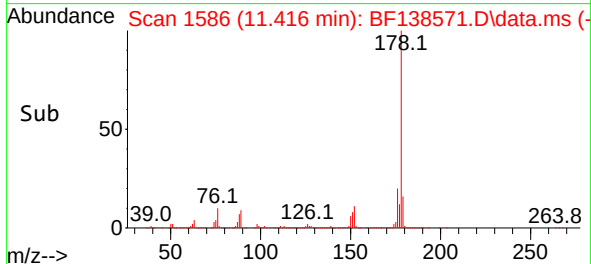
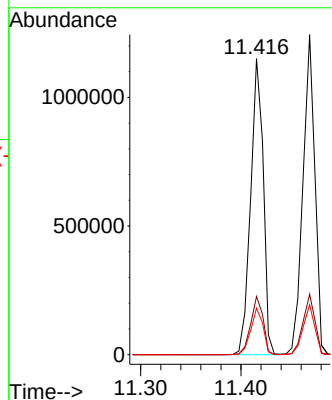
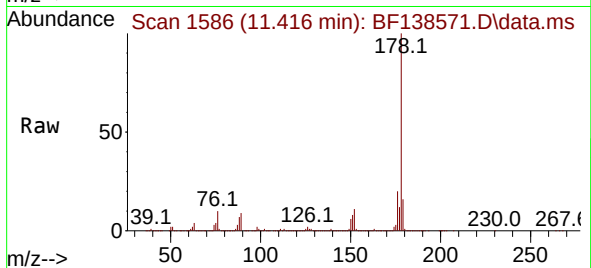
Tgt Ion:178 Resp: 1009710

Ion Ratio Lower Upper

178 100

176 19.7 15.7 23.5

179 15.8 12.2 18.2



#72

Anthracene

Concen: 54.667 ng

RT: 11.468 min Scan# 1595

Delta R.T. -0.000 min

Lab File: BF138571.D

Acq: 15 Jul 2024 16:40

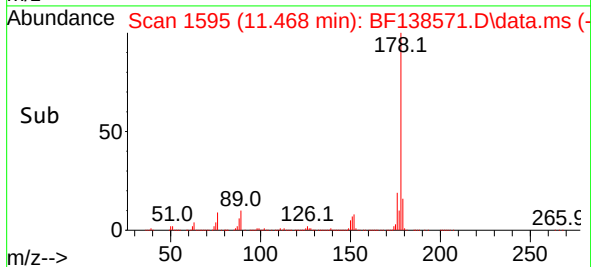
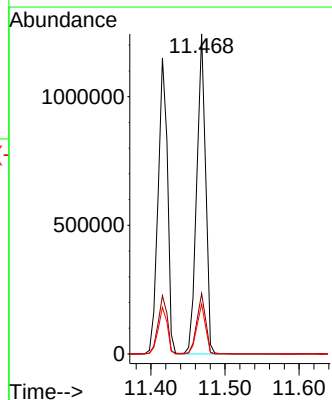
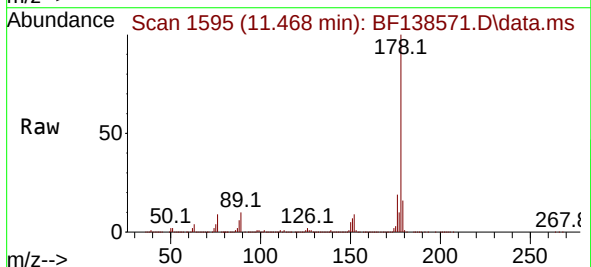
Tgt Ion:178 Resp: 1032396

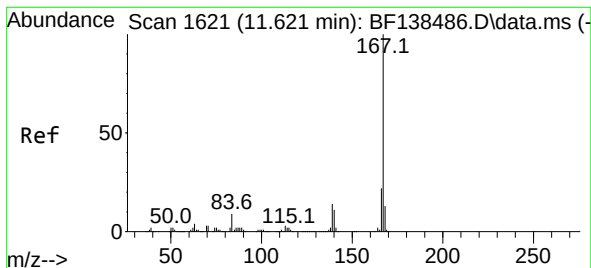
Ion Ratio Lower Upper

178 100

176 18.9 14.8 22.2

179 15.6 12.2 18.4





#73

Carbazole

Concen: 46.481 ng

RT: 11.621 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138571.D

Acq: 15 Jul 2024 16:40

Instrument :

BNA_F

ClientSampleId :

20071MS

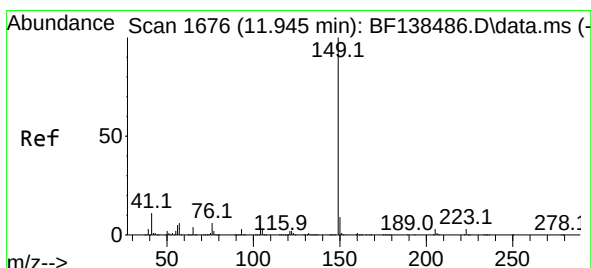
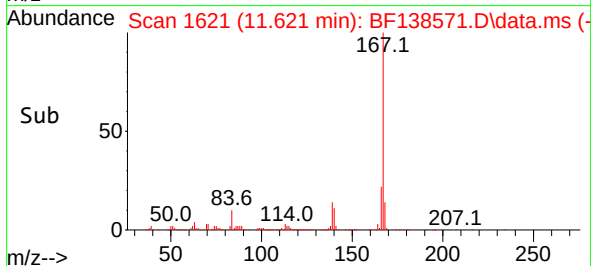
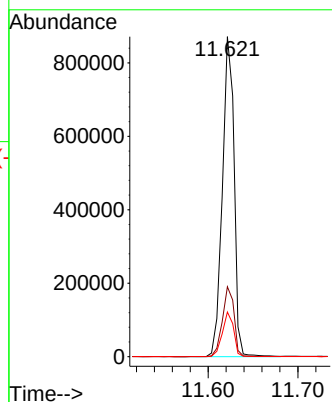
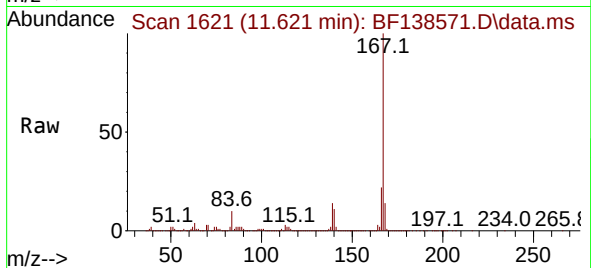
Tgt Ion:167 Resp: 788842

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.6

139 13.9 11.0 16.4



#74

Di-n-butylphthalate

Concen: 54.157 ng

RT: 11.945 min Scan# 1676

Delta R.T. -0.000 min

Lab File: BF138571.D

Acq: 15 Jul 2024 16:40

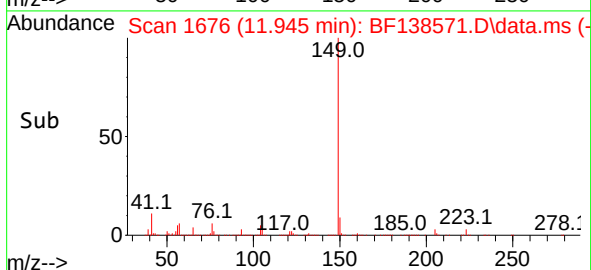
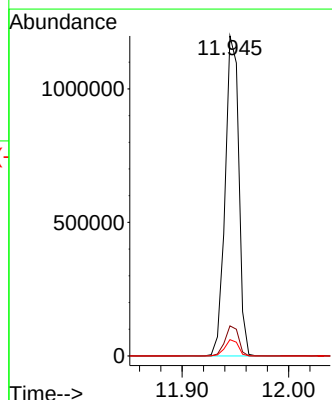
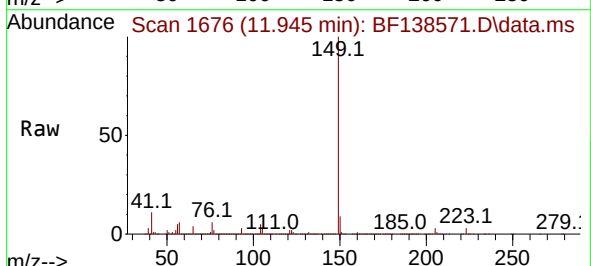
Tgt Ion:149 Resp: 1059455

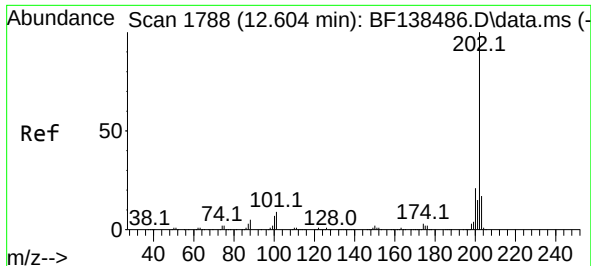
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 5.1 4.4 6.6

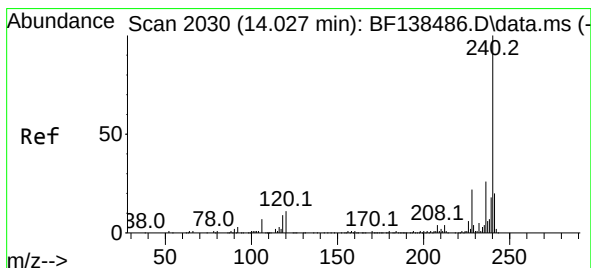
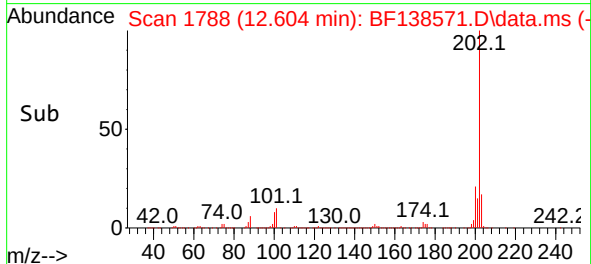
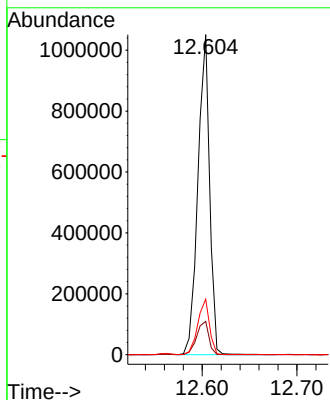
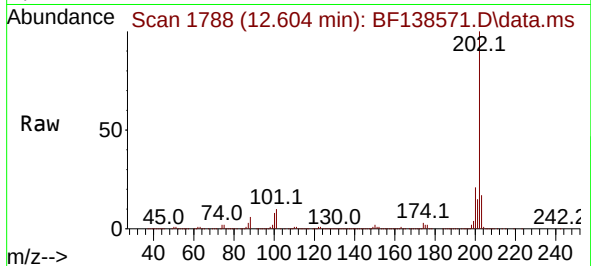




#75
Fluoranthene
Concen: 46.375 ng
RT: 12.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

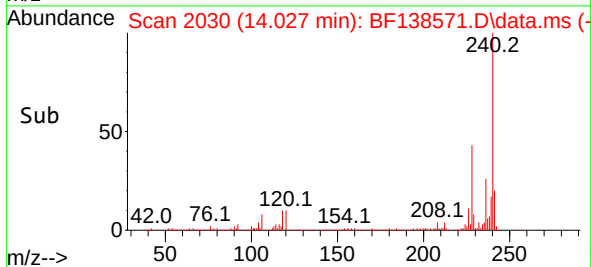
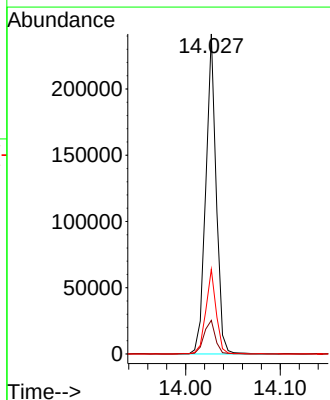
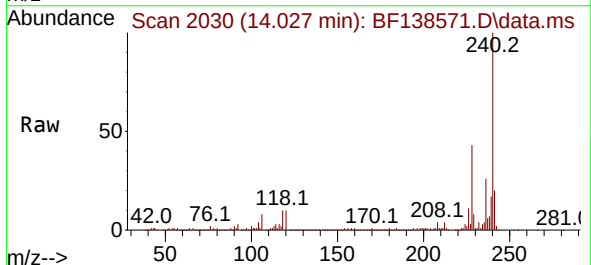
Instrument :
BNA_F
ClientSampleId :
20071MS

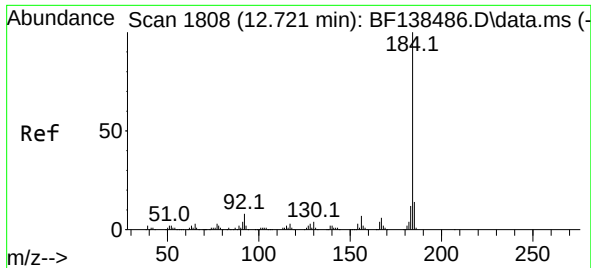
Tgt Ion:202 Resp: 900270
Ion Ratio Lower Upper
202 100
101 10.4 0.0 29.2
203 17.4 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

Tgt Ion:240 Resp: 184299
Ion Ratio Lower Upper
240 100
120 10.5 8.6 12.8
236 26.4 21.0 31.6

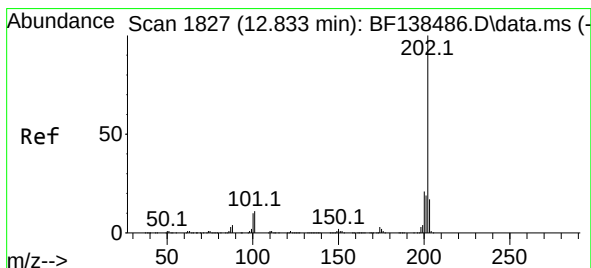
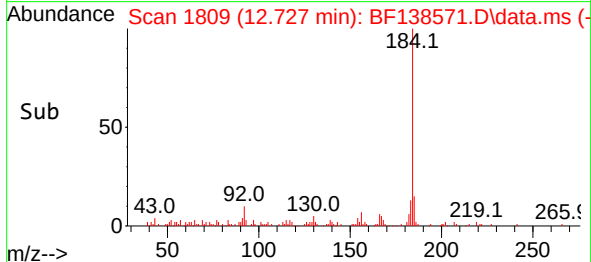
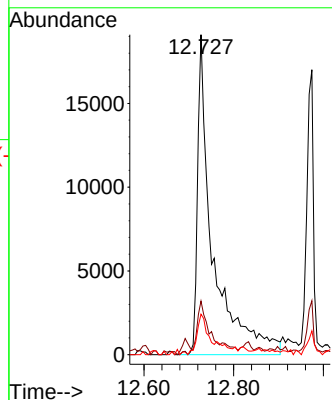
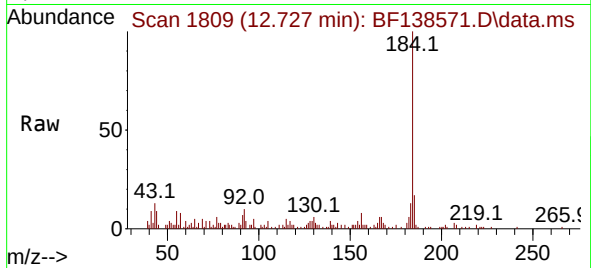




#77
Benzidine
Concen: 9.667 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

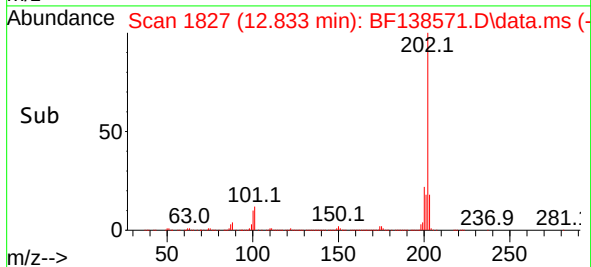
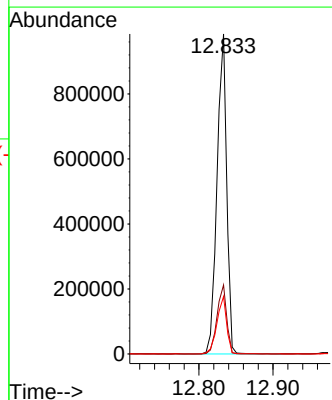
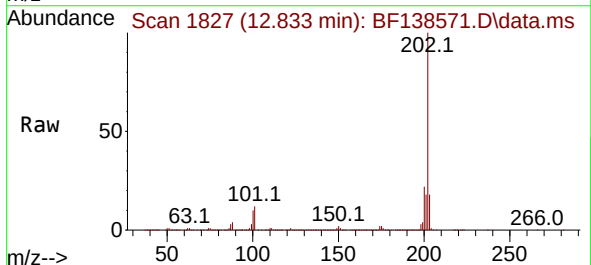
Instrument :
BNA_F
ClientSampleId :
20071MS

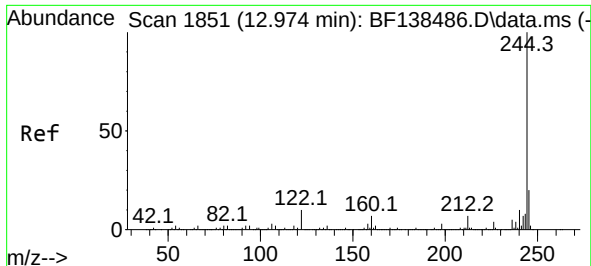
Tgt Ion:184 Resp: 44948
Ion Ratio Lower Upper
184 100
185 16.7 11.3 16.9
183 12.7 9.5 14.3



#78
Pyrene
Concen: 47.348 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

Tgt Ion:202 Resp: 885826
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.6
203 17.9 13.7 20.5

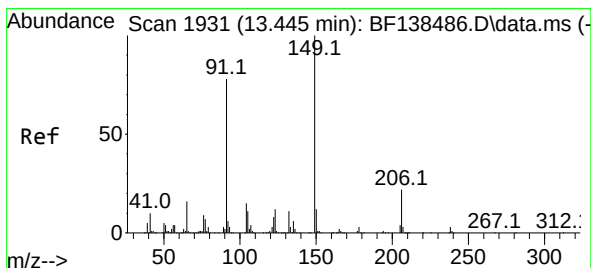
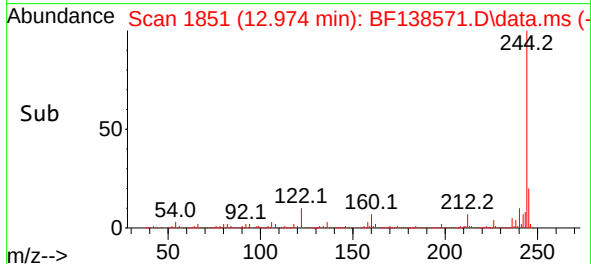
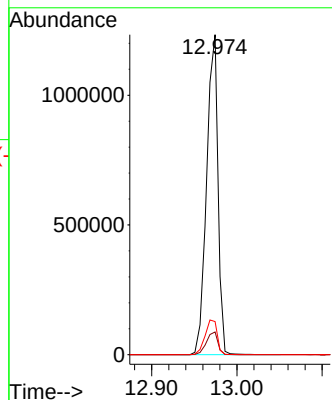
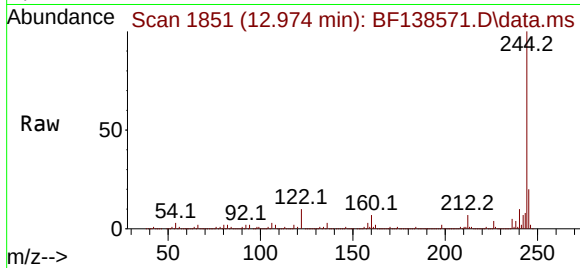




#79
 Terphenyl-d14
 Concen: 100.819 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF138571.D
 Acq: 15 Jul 2024 16:40

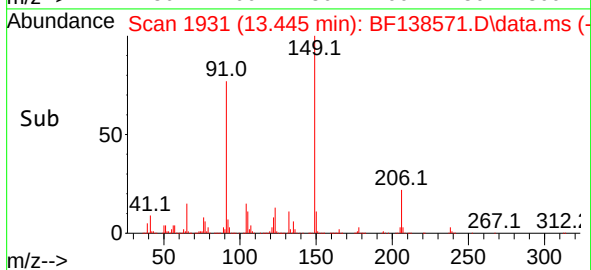
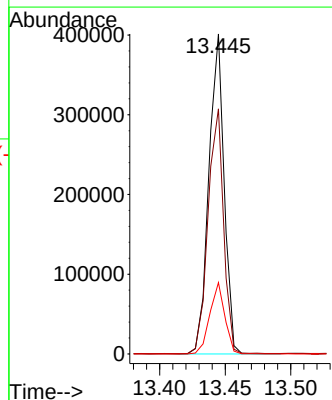
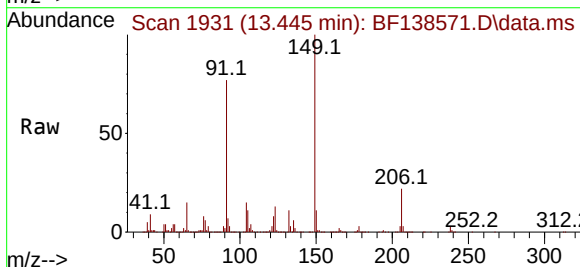
Instrument :
 BNA_F
 ClientSampleId :
 20071MS

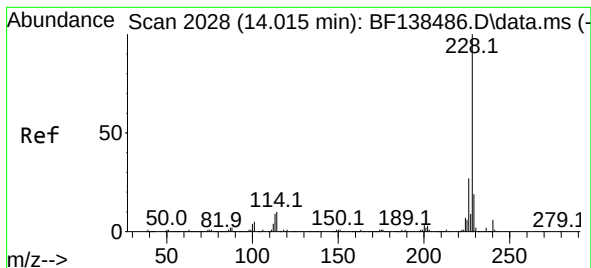
Tgt Ion:244 Resp: 1140542
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 10.3 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 57.942 ng
 RT: 13.445 min Scan# 1931
 Delta R.T. 0.000 min
 Lab File: BF138571.D
 Acq: 15 Jul 2024 16:40

Tgt Ion:149 Resp: 326098
 Ion Ratio Lower Upper
 149 100
 91 76.6 62.1 93.1
 206 22.3 18.0 27.0





#81

Benzo(a)anthracene

Concen: 53.954 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF138571.D

Acq: 15 Jul 2024 16:40

Instrument :

BNA_F

ClientSampleId :

20071MS

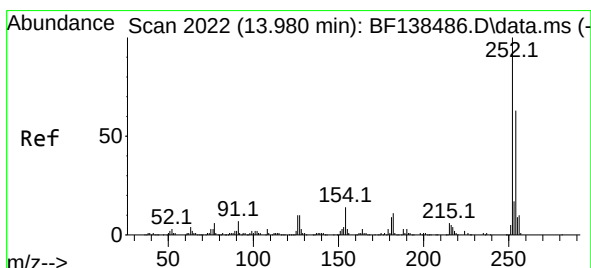
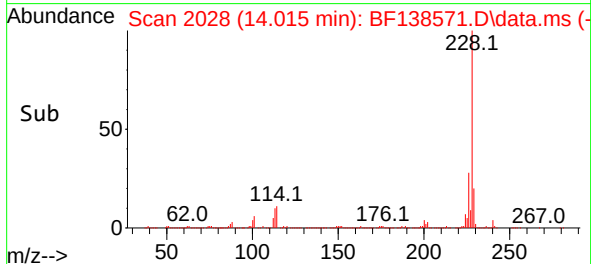
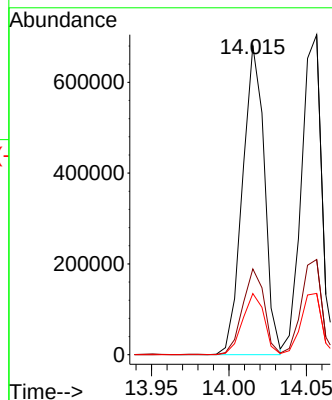
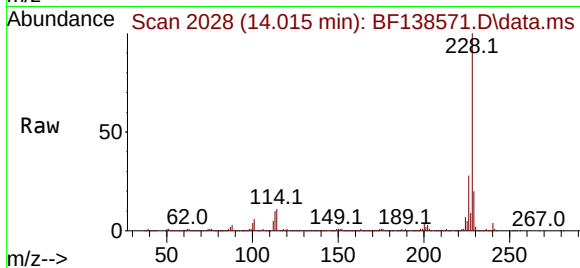
Tgt Ion:228 Resp: 667227

Ion Ratio Lower Upper

228 100

226 27.8 21.9 32.9

229 19.8 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 14.694 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF138571.D

Acq: 15 Jul 2024 16:40

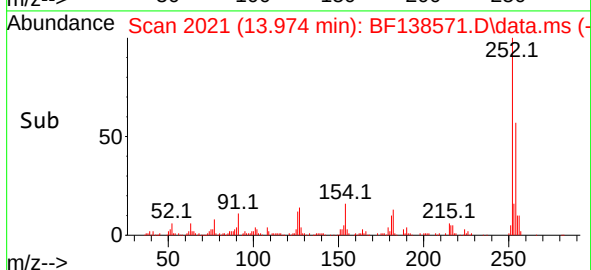
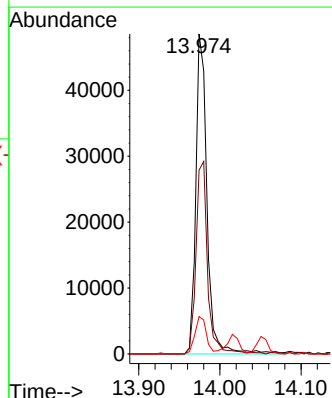
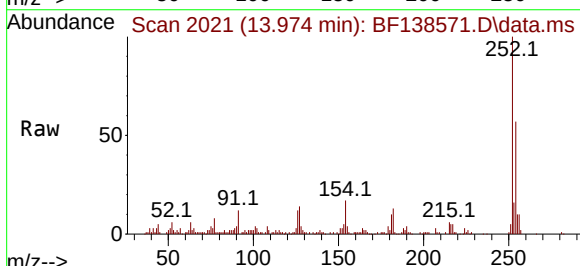
Tgt Ion:252 Resp: 46823

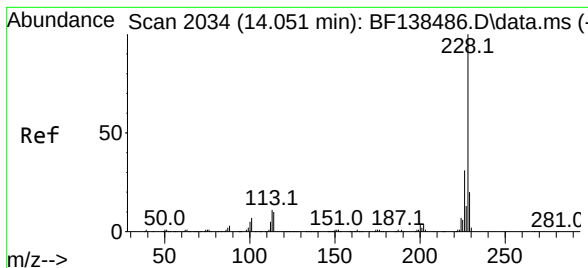
Ion Ratio Lower Upper

252 100

254 57.5 50.3 75.5

126 11.7 8.1 12.1





#83

Chrysene

Concen: 54.733 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF138571.D

Acq: 15 Jul 2024 16:40

Instrument :

BNA_F

ClientSampleId :

20071MS

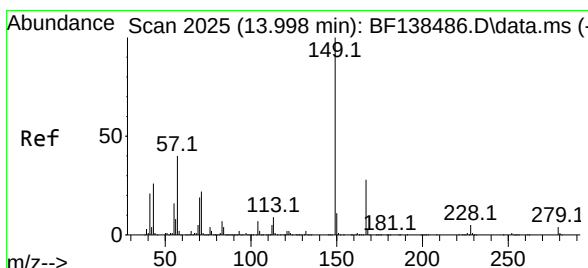
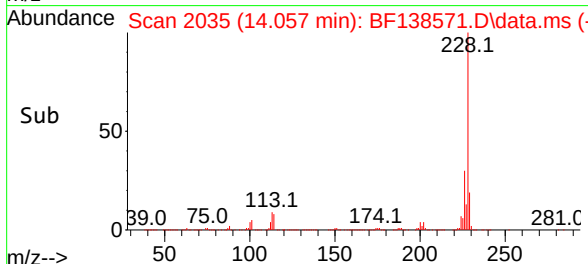
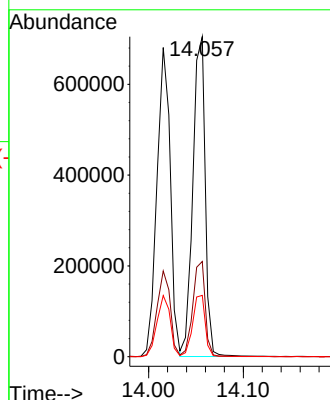
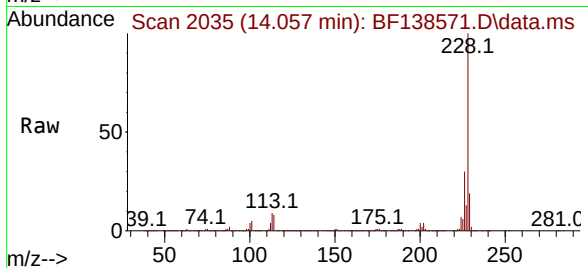
Tgt Ion:228 Resp: 640313

Ion Ratio Lower Upper

228 100

226 29.8 24.4 36.6

229 19.1 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 68.254 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF138571.D

Acq: 15 Jul 2024 16:40

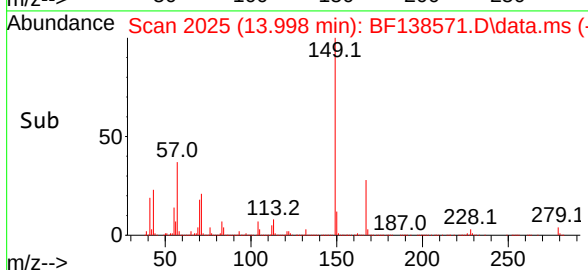
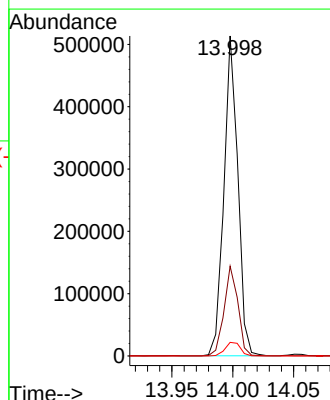
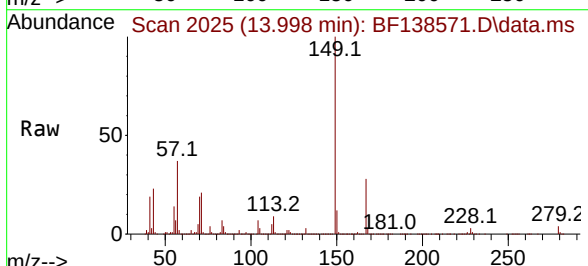
Tgt Ion:149 Resp: 409684

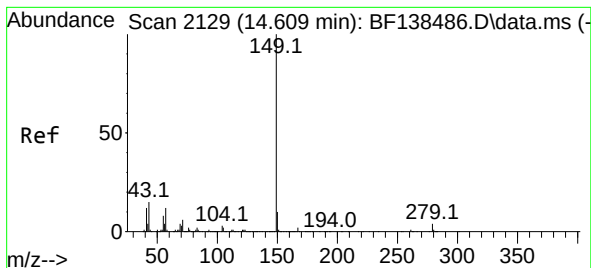
Ion Ratio Lower Upper

149 100

167 28.0 22.5 33.7

279 4.3 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 73.947 ng

RT: 14.609 min Scan# 2129

Delta R.T. 0.000 min

Lab File: BF138571.D

Acq: 15 Jul 2024 16:40

Instrument :

BNA_F

ClientSampleId :

20071MS

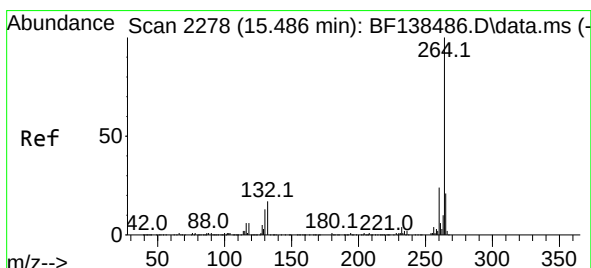
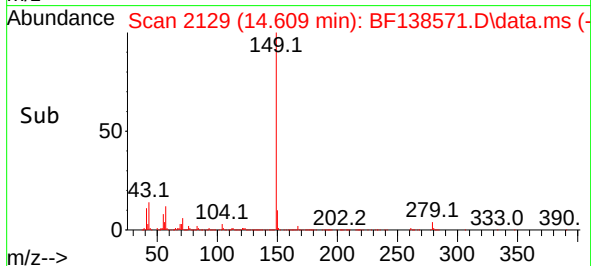
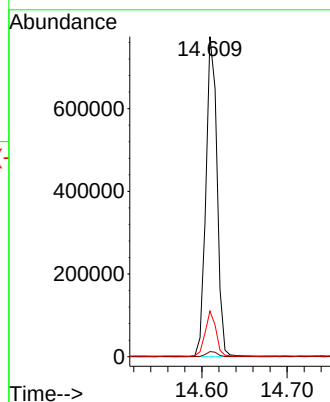
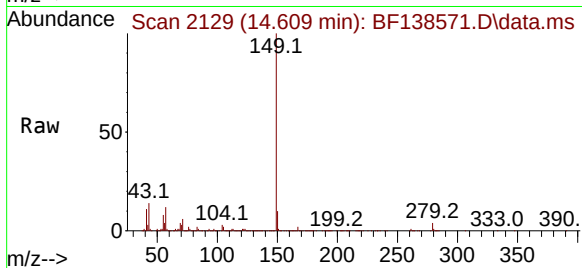
Tgt Ion:149 Resp: 701175

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 13.4 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.006 min

Lab File: BF138571.D

Acq: 15 Jul 2024 16:40

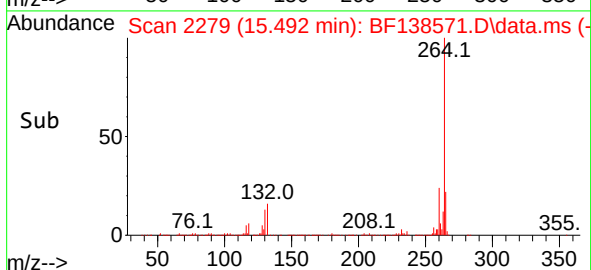
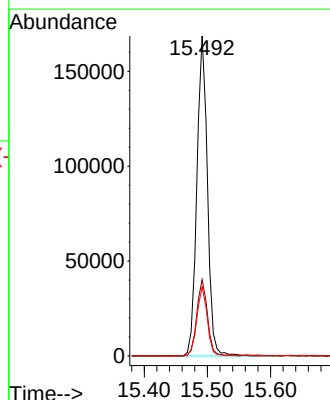
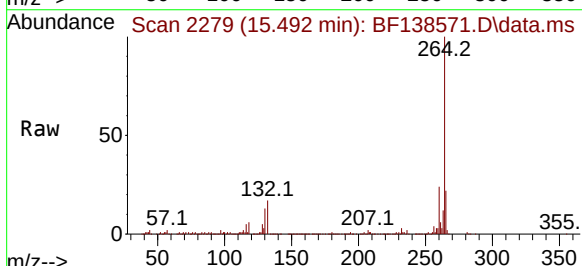
Tgt Ion:264 Resp: 195824

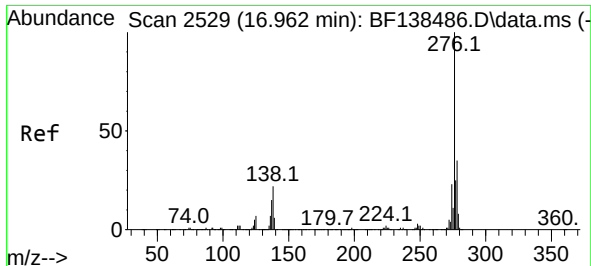
Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 21.6 17.0 25.4

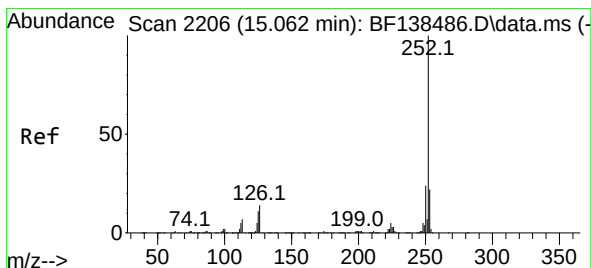
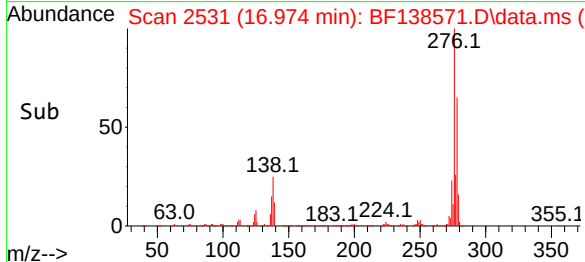
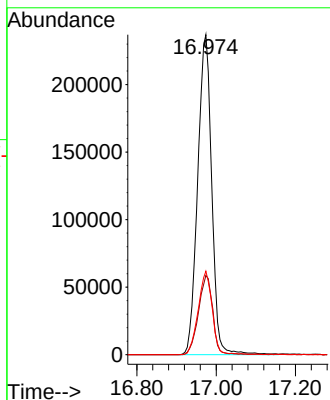
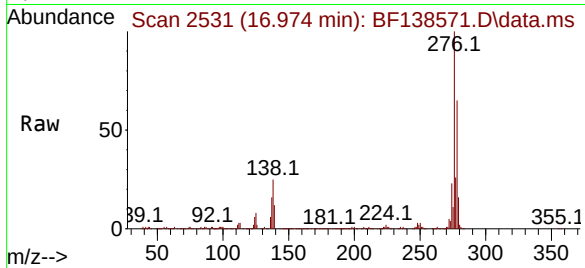




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.307 ng
 RT: 16.974 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF138571.D
 Acq: 15 Jul 2024 16:40

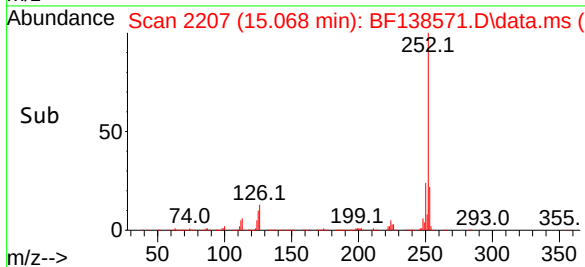
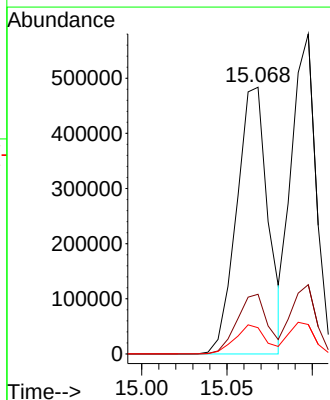
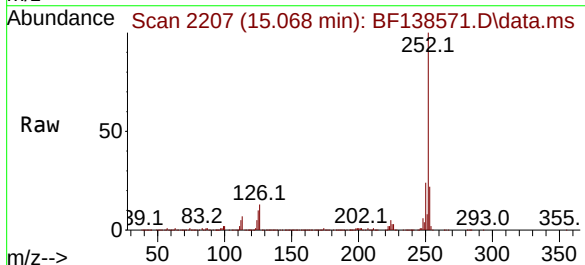
Instrument :
 BNA_F
 ClientSampleId :
 20071MS

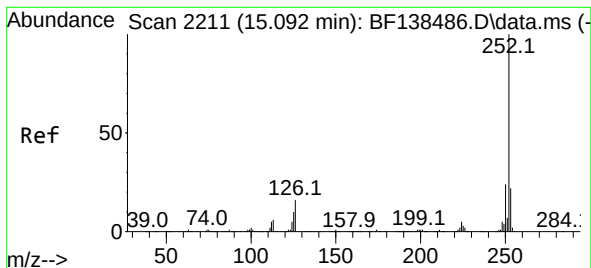
Tgt Ion:276 Resp: 582796
 Ion Ratio Lower Upper
 276 100
 138 24.8 19.6 29.4
 277 26.0 20.5 30.7



#88
 Benzo(b)fluoranthene
 Concen: 56.412 ng
 RT: 15.068 min Scan# 2207
 Delta R.T. 0.006 min
 Lab File: BF138571.D
 Acq: 15 Jul 2024 16:40

Tgt Ion:252 Resp: 622121
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.3 25.9
 125 9.8 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 54.249 ng

RT: 15.098 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138571.D

Acq: 15 Jul 2024 16:40

Instrument :

BNA_F

ClientSampleId :

20071MS

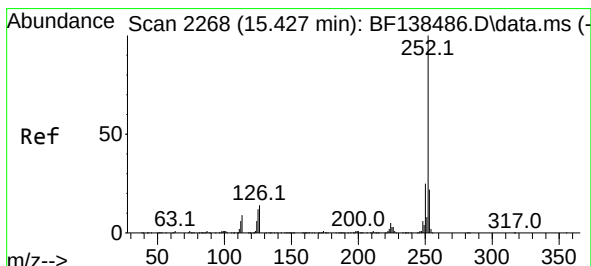
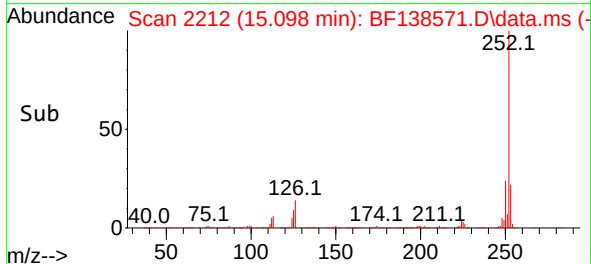
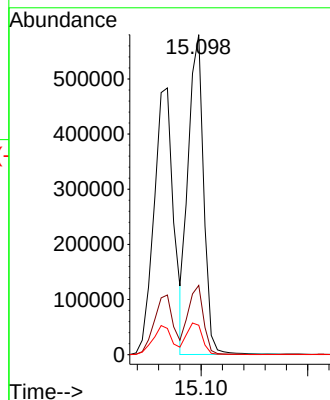
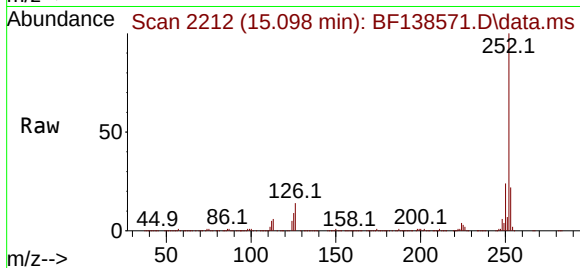
Tgt Ion:252 Resp: 583483

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 9.2 8.1 12.1



#90

Benzo(a)pyrene

Concen: 56.730 ng

RT: 15.433 min Scan# 2269

Delta R.T. 0.006 min

Lab File: BF138571.D

Acq: 15 Jul 2024 16:40

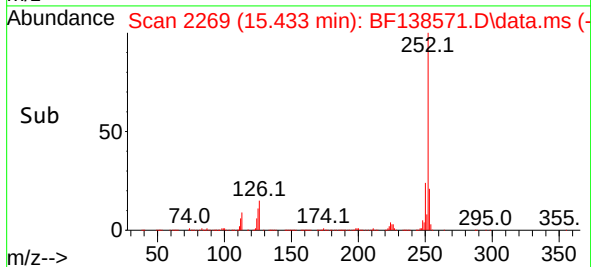
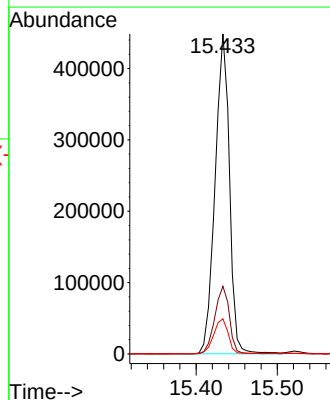
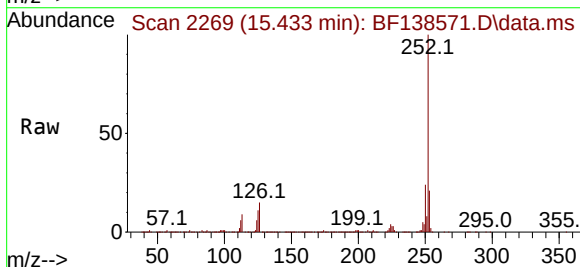
Tgt Ion:252 Resp: 549592

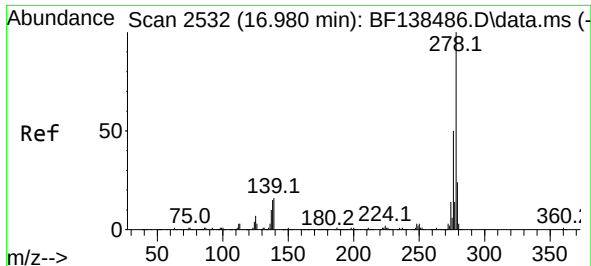
Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.0

125 11.0 9.4 14.2

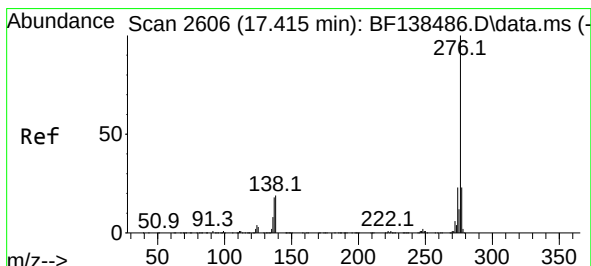
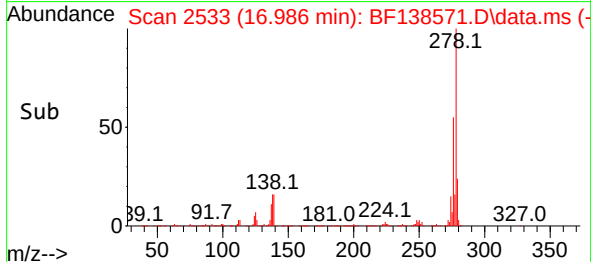
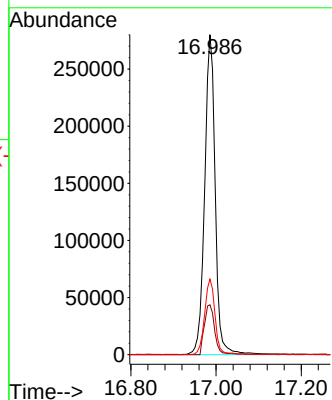
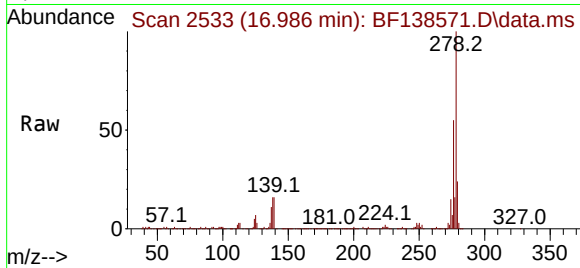




#91
Dibenzo(a,h)anthracene
Concen: 44.795 ng
RT: 16.986 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

Instrument :
BNA_F
ClientSampleId :
20071MS

Tgt Ion:278 Resp: 481978
Ion Ratio Lower Upper
278 100
139 15.6 12.8 19.2
279 23.6 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 37.494 ng
RT: 17.415 min Scan# 2606
Delta R.T. -0.000 min
Lab File: BF138571.D
Acq: 15 Jul 2024 16:40

Tgt Ion:276 Resp: 427785
Ion Ratio Lower Upper
276 100
277 22.4 18.0 27.0
138 22.1 15.5 23.3

