

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
 Data File : BF138672.D
 Acq On : 29 Jul 2024 16:42
 Operator : RC/JU
 Sample : P3393-12MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-852-GI-SO-9.5-10-072624MS

Quant Time: Jul 29 17:06:14 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	6.851	152	95522	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	358163	20.000	ng	-0.02
39) Acenaphthene-d10	9.892	164	158180	20.000	ng	-0.01
64) Phenanthrene-d10	11.380	188	216292	20.000	ng	0.00
76) Chrysene-d12	14.022	240	145285	20.000	ng	0.00
86) Perylene-d12	15.486	264	107531	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	644843	106.915	ng	-0.01
7) Phenol-d6	6.493	99	863332	107.601	ng	-0.01
23) Nitrobenzene-d5	7.416	82	531773	72.896	ng	-0.02
42) 2,4,6-Tribromophenol	10.686	330	132871	89.878	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	763300	75.418	ng	-0.02
79) Terphenyl-d14	12.963	244	615284	68.993	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	101530	38.009	ng	97
3) Pyridine	3.428	79	266168	40.405	ng	95
4) n-Nitrosodimethylamine	3.387	42	192856	44.972	ng	85
6) Aniline	6.516	93	313302	41.689	ng	# 59
8) 2-Chlorophenol	6.640	128	311330	48.817	ng	99
9) Benzaldehyde	6.398	77	18287	4.258	ng	96
10) Phenol	6.510	94	413968	48.608	ng	81
11) bis(2-Chloroethyl)ether	6.587	93	316500	49.360	ng	98
12) 1,3-Dichlorobenzene	6.793	146	318512	44.431	ng	99
13) 1,4-Dichlorobenzene	6.869	146	324098	44.521	ng	98
14) 1,2-Dichlorobenzene	7.022	146	307251	45.317	ng	98
15) Benzyl Alcohol	6.998	79	292062	48.504	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.122	45	548690	43.514	ng	75
17) 2-Methylphenol	7.110	107	246668	47.193	ng	94
18) Hexachloroethane	7.357	117	110434	41.266	ng	94
19) n-Nitroso-di-n-propyla...	7.269	70	233224	47.042	ng	91
20) 3+4-Methylphenols	7.263	107	307179	46.671	ng	91
22) Acetophenone	7.263	105	391384	44.993	ng	99
24) Nitrobenzene	7.434	77	346205	46.701	ng	97
25) Isophorone	7.675	82	611791	48.835	ng	99
26) 2-Nitrophenol	7.751	139	148068	46.602	ng	98
27) 2,4-Dimethylphenol	7.787	122	205103	52.522	ng	98
28) bis(2-Chloroethoxy)met...	7.881	93	375030	50.091	ng	99
29) 2,4-Dichlorophenol	7.992	162	229684	45.292	ng	97
30) 1,2,4-Trichlorobenzene	8.075	180	256063	43.345	ng	99
31) Naphthalene	8.157	128	846850	45.463	ng	100
32) Benzoic acid	7.922	122	88562	23.778	ng	94
33) 4-Chloroaniline	8.204	127	198192	30.324	ng	99
34) Hexachlorobutadiene	8.269	225	149976	41.227	ng	100
35) Caprolactam	8.587	113	68975	42.151	ng	96
36) 4-Chloro-3-methylphenol	8.698	107	256191	45.126	ng	98
37) 2-Methylnaphthalene	8.845	142	516812	43.114	ng	99
38) 1-Methylnaphthalene	8.945	142	475014	40.603	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	208773	47.356	ng	99
41) Hexachlorocyclopentadiene	8.998	237	45880	32.063	ng	99
43) 2,4,6-Trichlorophenol	9.134	196	136006	48.364	ng	98

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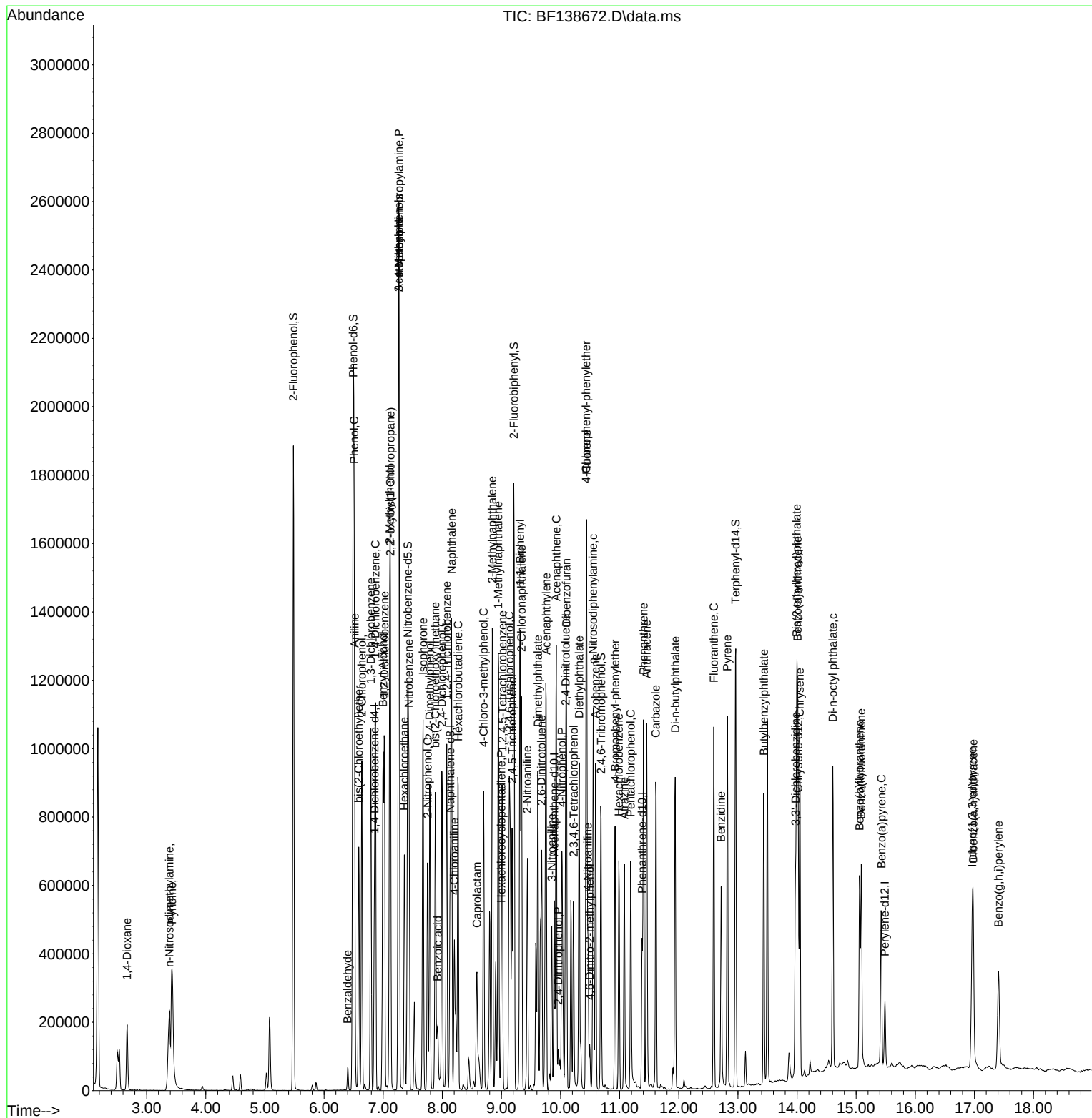
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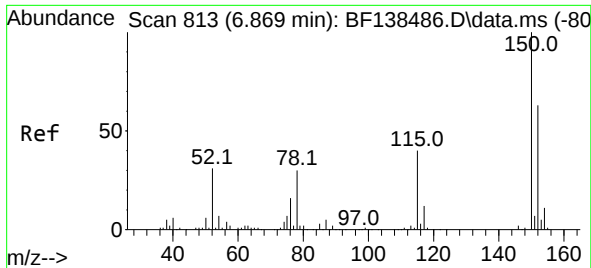
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	136772	44.220	ng	95
46) 1,1'-Biphenyl	9.316	154	578841	48.287	ng	99
47) 2-Chloronaphthalene	9.339	162	441987	48.805	ng	99
48) 2-Nitroaniline	9.439	65	161711	51.530	ng	98
49) Acenaphthylene	9.757	152	665893	51.790	ng	100
50) Dimethylphthalate	9.616	163	542327	53.023	ng	100
51) 2,6-Dinitrotoluene	9.681	165	108473	46.060	ng	90
52) Acenaphthene	9.928	154	407769	47.711	ng	99
53) 3-Nitroaniline	9.851	138	93816	38.868	ng	94
54) 2,4-Dinitrophenol	9.963	184	20675	20.071	ng	92
55) Dibenzofuran	10.098	168	566703	45.714	ng	99
56) 4-Nitrophenol	10.022	139	131138	73.632	ng	96
57) 2,4-Dinitrotoluene	10.086	165	130593	42.858	ng	94
58) Fluorene	10.439	166	422496	43.073	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	94305	38.633	ng	99
60) Diethylphthalate	10.316	149	482588	48.942	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	212634	43.170	ng	96
62) 4-Nitroaniline	10.463	138	94009	38.867	ng	98
63) Azobenzene	10.592	77	475601	44.863	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	20789	16.646	ng	75
66) n-Nitrosodiphenylamine	10.551	169	368900	56.927	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	114269	51.401	ng	100
68) Hexachlorobenzene	10.986	284	121617	49.244	ng	98
69) Atrazine	11.081	200	103045	47.961	ng	98
70) Pentachlorophenol	11.186	266	114093	78.073	ng	97
71) Phenanthrene	11.404	178	550968	50.421	ng	99
72) Anthracene	11.457	178	561185	51.736	ng	100
73) Carbazole	11.610	167	493735	50.650	ng	99
74) Di-n-butylphthalate	11.939	149	616363	54.855	ng	99
75) Fluoranthene	12.592	202	580721	52.082	ng	98
77) Benzidine	12.716	184	315167	85.982	ng	100
78) Pyrene	12.822	202	597963	40.544	ng	100
80) Butylbenzylphthalate	13.439	149	259833	58.566	ng	99
81) Benzo(a)anthracene	14.010	228	483432	49.590	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	148997	59.315	ng	98
83) Chrysene	14.045	228	449080	48.695	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	343785	72.656	ng	99
85) Di-n-octyl phthalate	14.604	149	536485	71.772	ng	100
87) Indeno(1,2,3-cd)pyrene	16.962	276	329935	45.679	ng	99
88) Benzo(b)fluoranthene	15.057	252	354054	58.465	ng	99
89) Benzo(k)fluoranthene	15.086	252	293832	49.750	ng	99
90) Benzo(a)pyrene	15.427	252	276796	52.031	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	261380	44.239	ng	98
92) Benzo(g,h,i)perylene	17.410	276	255449	40.773	ng	96

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

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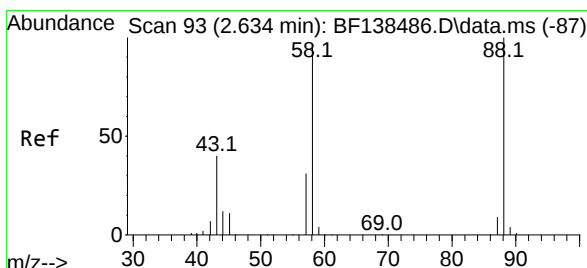
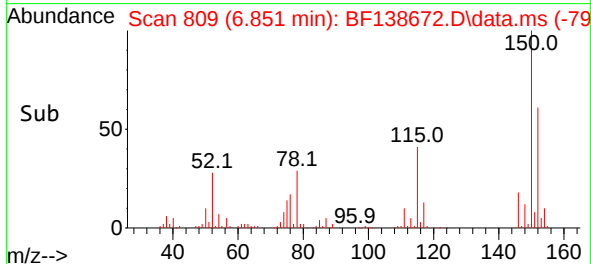
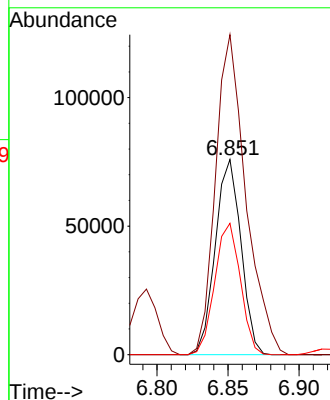
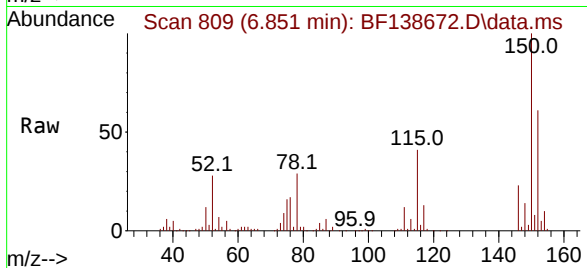




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: BF138672.D
 Acq: 29 Jul 2024 16:42

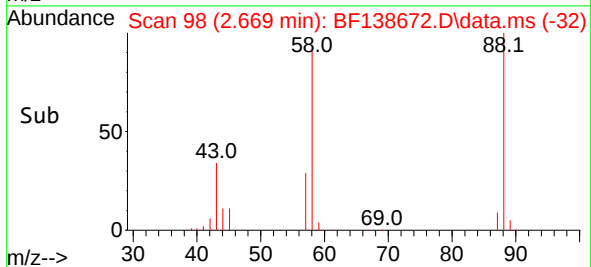
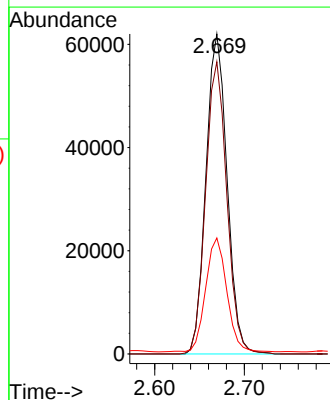
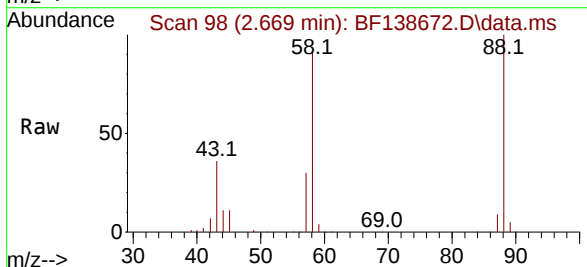
Instrument :
 BNA_F
 ClientSampleId :
 S-852-GI-SO-9.5-10-072624MS

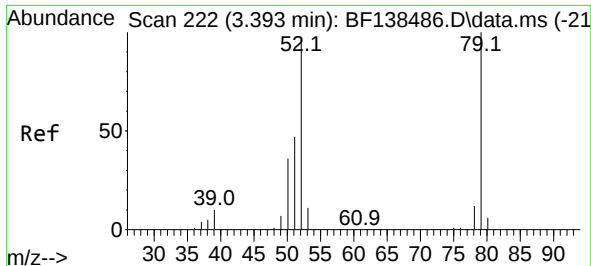
Tgt Ion:152 Resp: 95522
 Ion Ratio Lower Upper
 152 100
 150 163.9 126.2 189.4
 115 67.3 50.3 75.5



#2
 1,4-Dioxane
 Concen: 38.009 ng
 RT: 2.669 min Scan# 98
 Delta R.T. 0.036 min
 Lab File: BF138672.D
 Acq: 29 Jul 2024 16:42

Tgt Ion: 88 Resp: 101530
 Ion Ratio Lower Upper
 88 100
 58 91.5 74.6 112.0
 43 35.6 31.8 47.6





#3

Pyridine

Concen: 40.405 ng

RT: 3.428 min Scan# 21

Delta R.T. 0.036 min

Lab File: BF138672.D

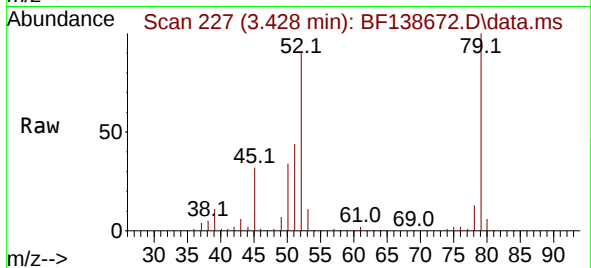
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Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MS



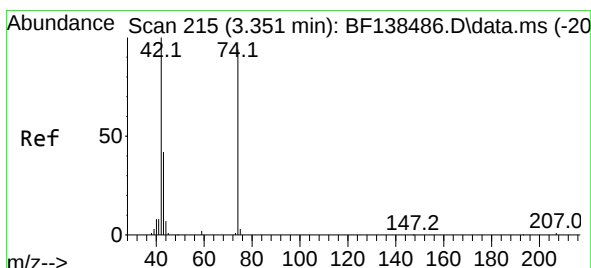
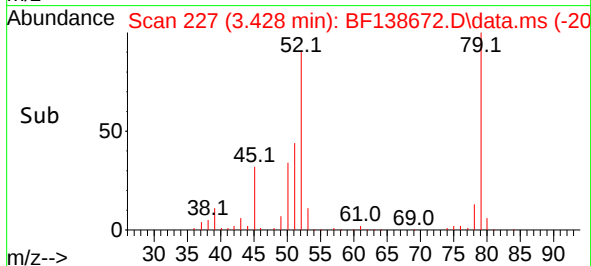
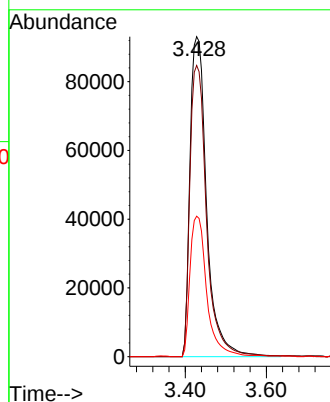
Tgt Ion: 79 Resp: 266168

Ion Ratio Lower Upper

79 100

52 91.0 77.4 116.2

51 43.9 37.4 56.0



#4

n-Nitrosodimethylamine

Concen: 44.972 ng

RT: 3.387 min Scan# 220

Delta R.T. 0.036 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

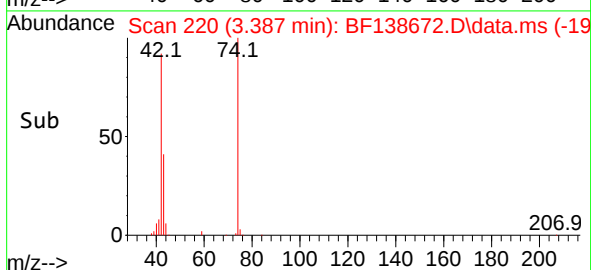
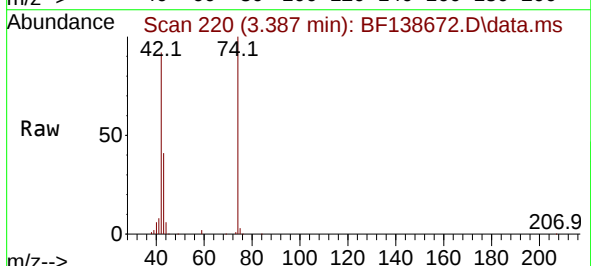
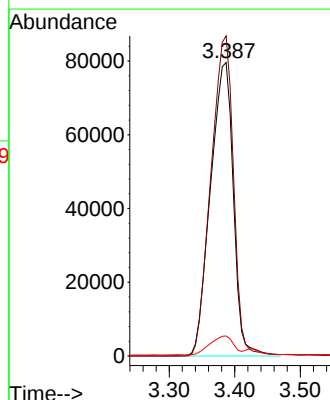
Tgt Ion: 42 Resp: 192856

Ion Ratio Lower Upper

42 100

74 109.0 75.0 112.6

44 6.8 5.4 8.2

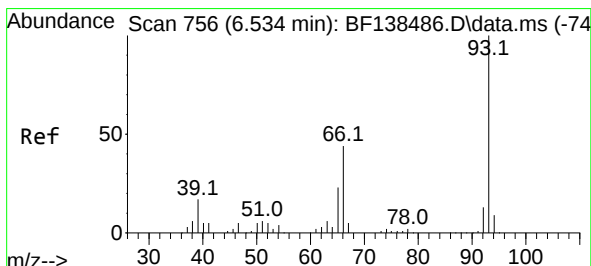
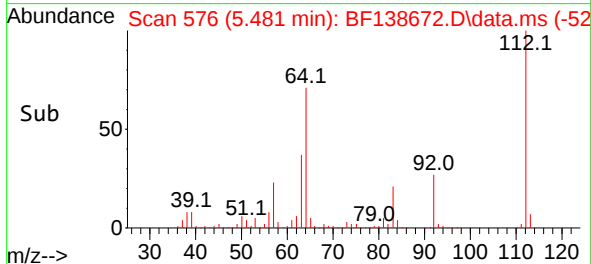
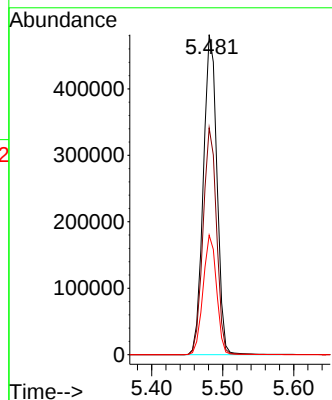
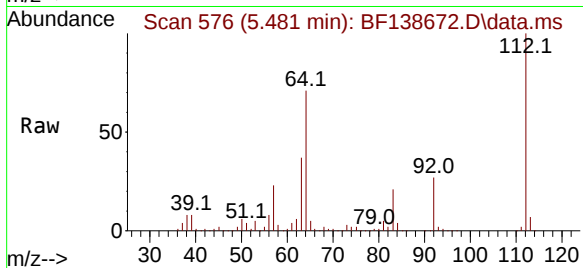




#5
2-Fluorophenol
Concen: 106.915 ng
RT: 5.481 min Scan# 51
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

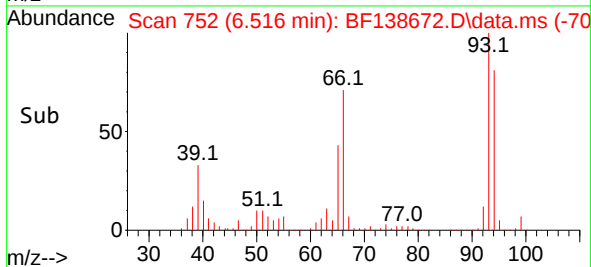
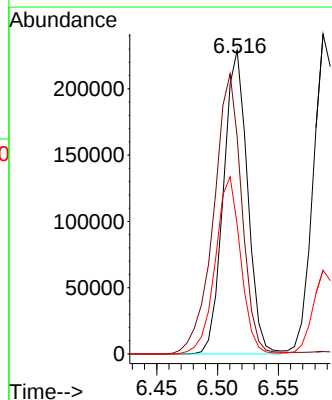
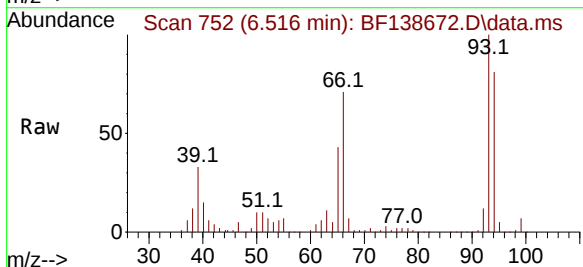
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Tgt Ion:112 Resp: 644843
Ion Ratio Lower Upper
112 100
64 70.9 55.1 82.7
63 37.4 29.0 43.6



#6
Aniline
Concen: 41.689 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.017 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion: 93 Resp: 313302
Ion Ratio Lower Upper
93 100
66 71.5 35.4 53.0#
65 42.6 18.6 27.8#

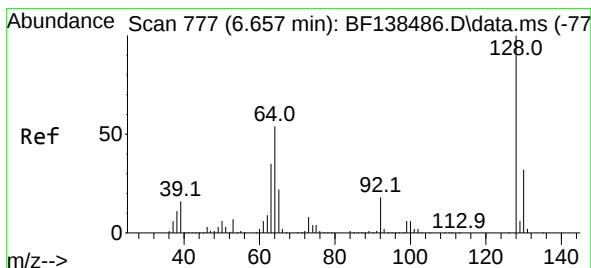
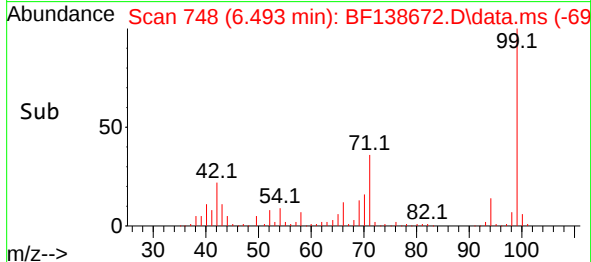
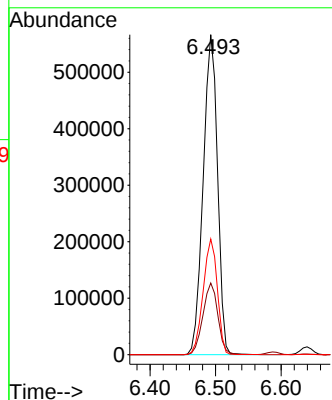
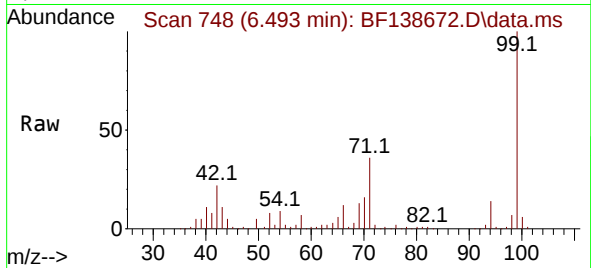




#7
Phenol-d6
Concen: 107.601 ng
RT: 6.493 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

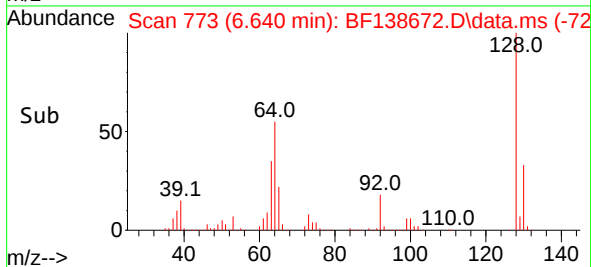
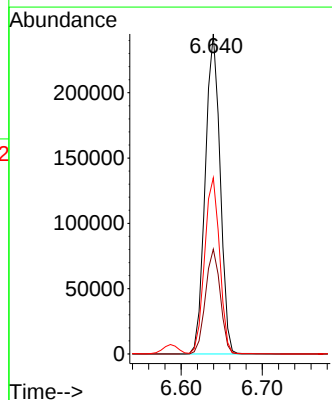
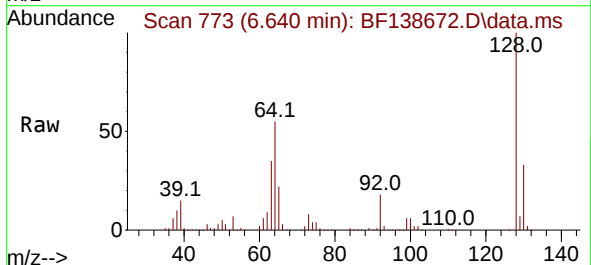
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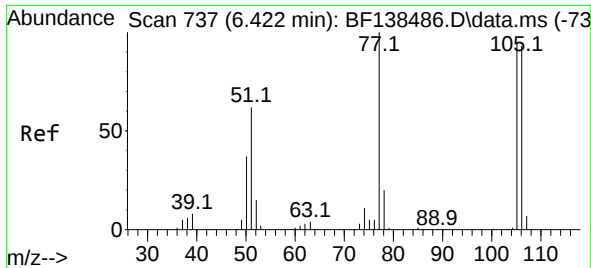
Tgt Ion: 99 Resp: 863332
Ion Ratio Lower Upper
99 100
42 22.4 19.7 29.5
71 36.1 29.9 44.9



#8
2-Chlorophenol
Concen: 48.817 ng
RT: 6.640 min Scan# 773
Delta R.T. -0.017 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion:128 Resp: 311330
Ion Ratio Lower Upper
128 100
130 32.7 12.1 52.1
64 55.0 34.4 74.4





#9

Benzaldehyde

Concen: 4.258 ng

RT: 6.398 min Scan# 71

Delta R.T. -0.024 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

Instrument :

BNA_F

ClientSampleId :

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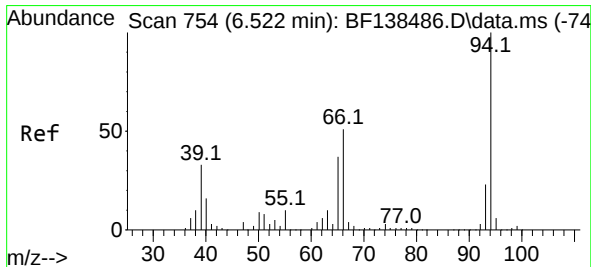
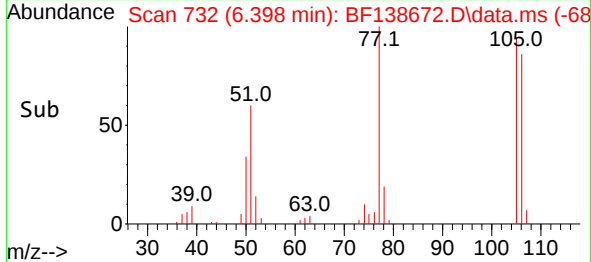
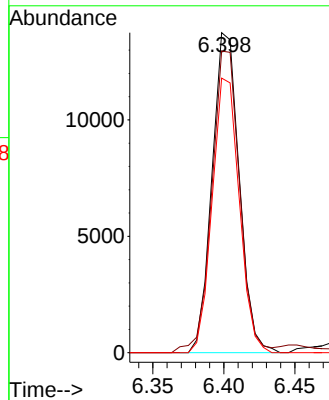
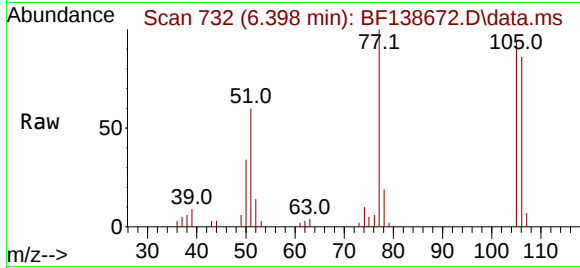
Tgt Ion: 77 Resp: 18287

Ion Ratio Lower Upper

77 100

105 94.3 75.1 115.1

106 85.8 73.2 113.2



#10

Phenol

Concen: 48.608 ng

RT: 6.510 min Scan# 751

Delta R.T. -0.012 min

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Acq: 29 Jul 2024 16:42

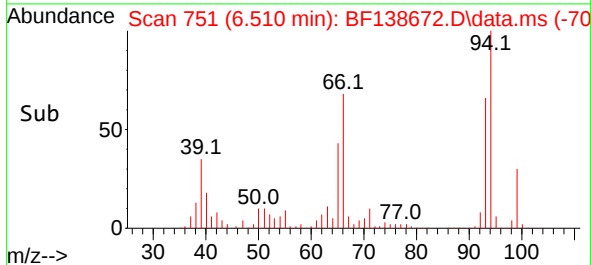
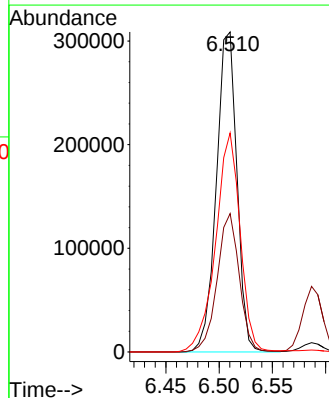
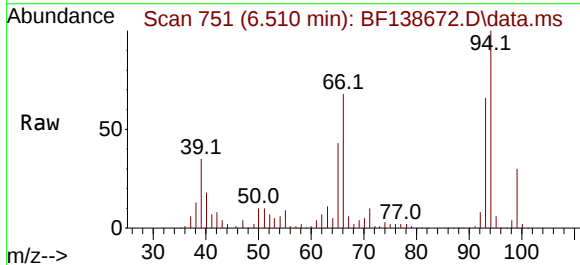
Tgt Ion: 94 Resp: 413968

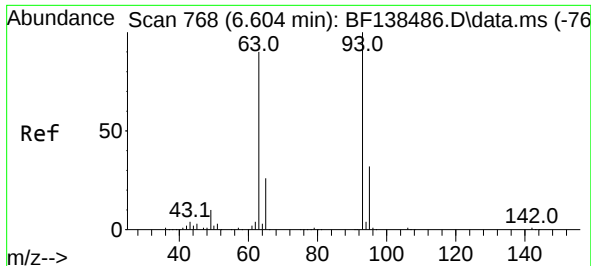
Ion Ratio Lower Upper

94 100

65 43.3 16.7 56.7

66 68.5 31.2 71.2

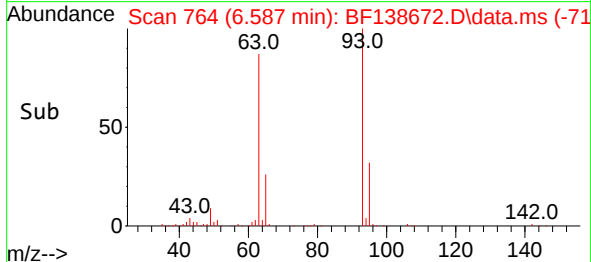
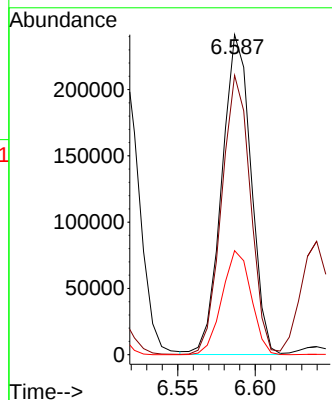
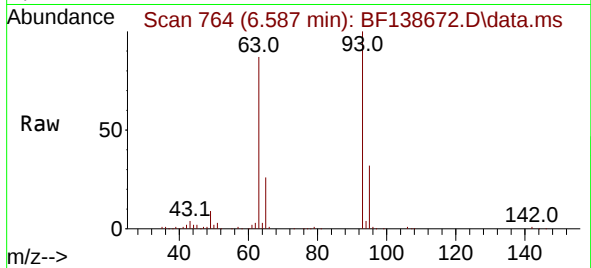




#11
bis(2-Chloroethyl)ether
Concen: 49.360 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.017 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

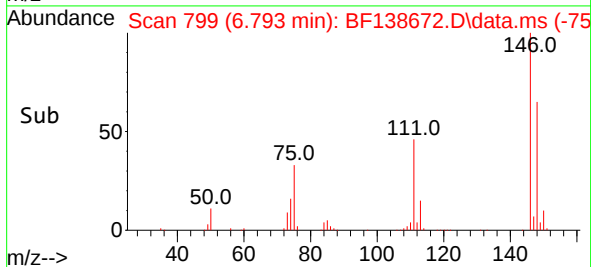
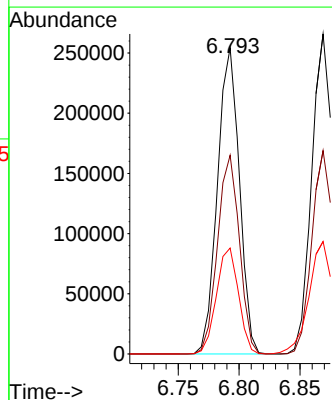
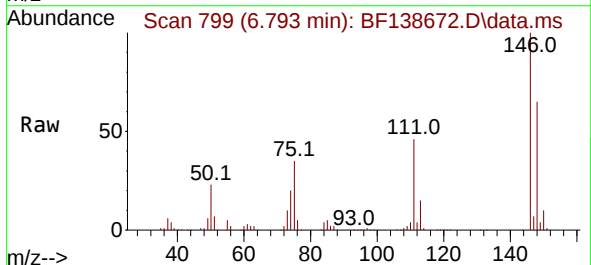
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS

Tgt Ion: 93 Resp: 316500
Ion Ratio Lower Upper
93 100
63 87.3 68.8 108.8
95 32.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 44.431 ng
RT: 6.793 min Scan# 799
Delta R.T. -0.017 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion: 146 Resp: 318512
Ion Ratio Lower Upper
146 100
148 64.9 52.4 78.6
75 34.6 27.8 41.8

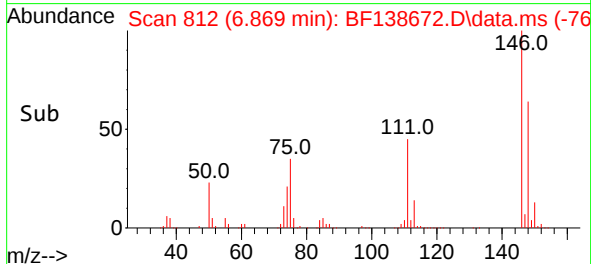
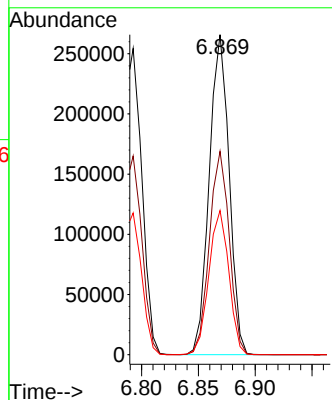
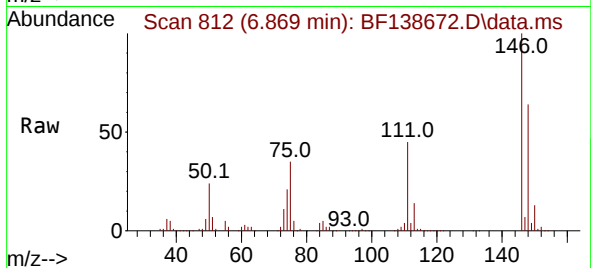




#13
1,4-Dichlorobenzene
Concen: 44.521 ng
RT: 6.869 min Scan# 816
Delta R.T. -0.017 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

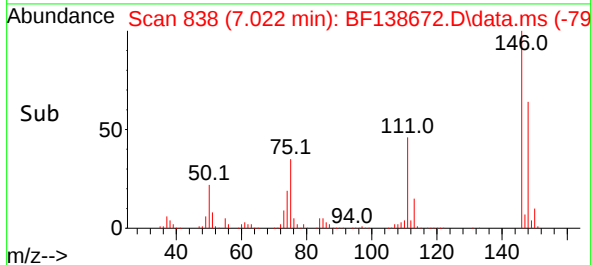
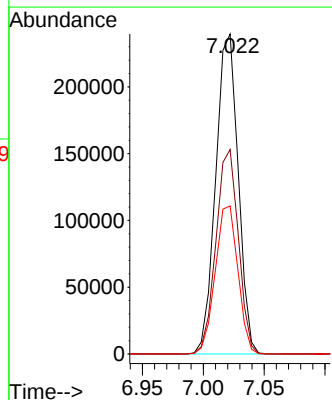
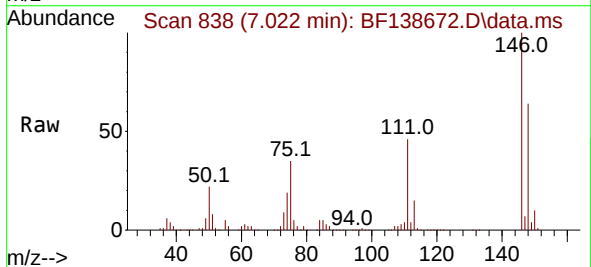
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS

Tgt Ion:146 Resp: 324098
Ion Ratio Lower Upper
146 100
148 63.5 51.6 77.4
111 45.0 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 45.317 ng
RT: 7.022 min Scan# 838
Delta R.T. -0.017 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion:146 Resp: 307251
Ion Ratio Lower Upper
146 100
148 63.9 50.1 75.1
111 46.3 35.5 53.3

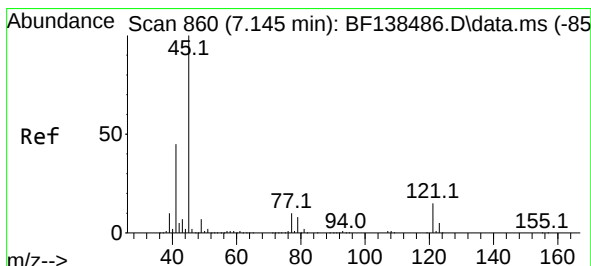
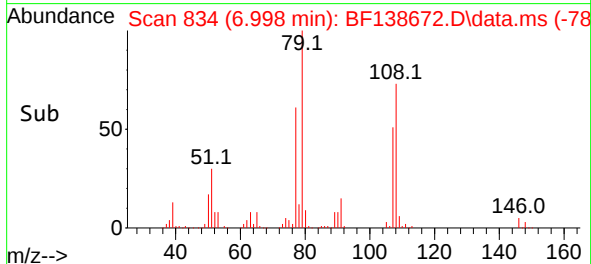
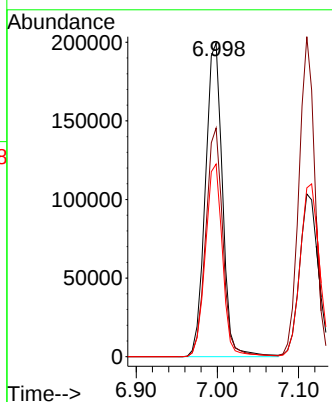
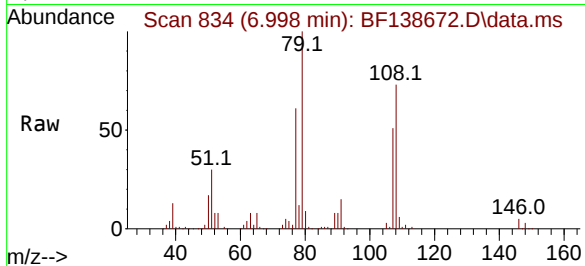




#15
Benzyl Alcohol
Concen: 48.504 ng
RT: 6.998 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

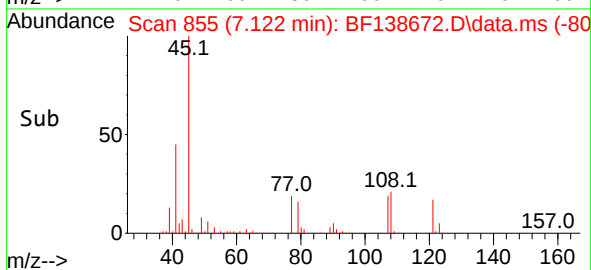
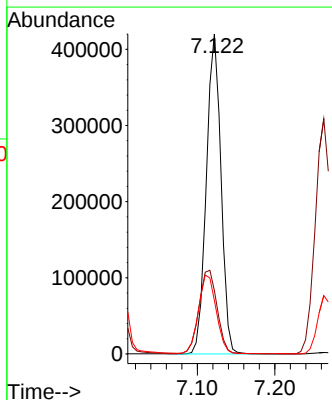
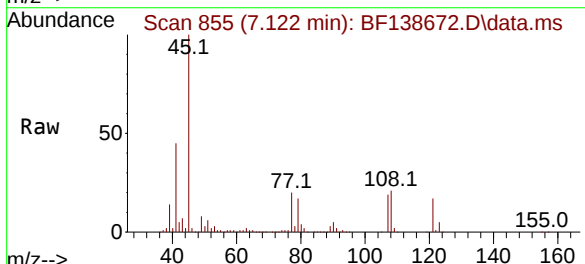
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS

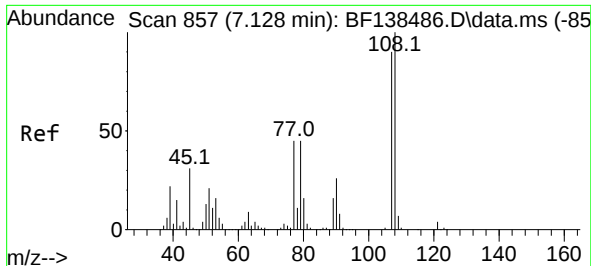
Tgt Ion: 79 Resp: 292062
Ion Ratio Lower Upper
79 100
108 72.9 54.3 81.5
77 61.5 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.514 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.023 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion: 45 Resp: 548690
Ion Ratio Lower Upper
45 100
77 19.8 0.0 30.4
79 16.7 0.0 28.1

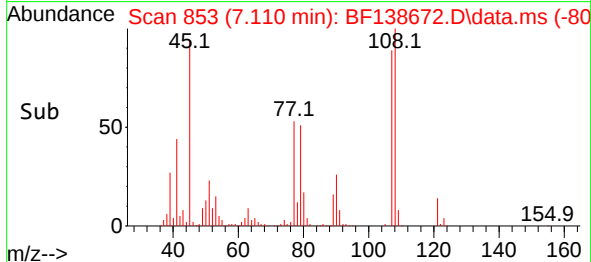
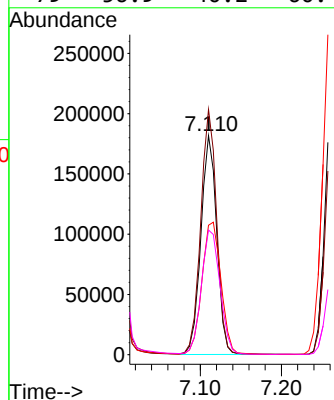
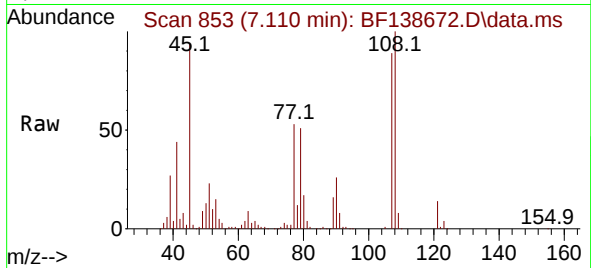




#17
2-Methylphenol
Concen: 47.193 ng
RT: 7.110 min Scan# 81
Delta R.T. -0.017 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

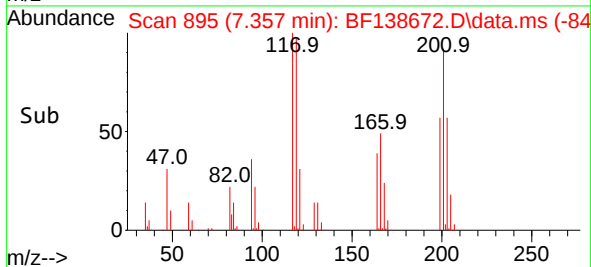
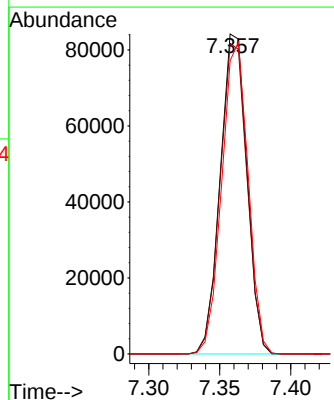
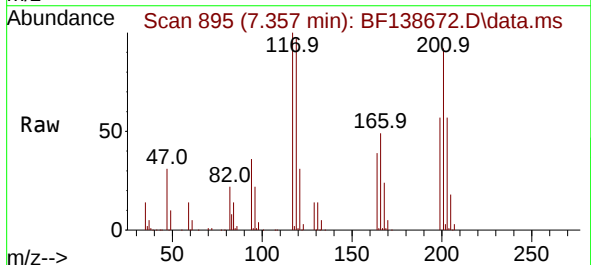
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS

Tgt Ion:	107	Resp:	246668
Ion	Ratio	Lower	Upper
107	100		
108	112.0	89.0	133.4
77	59.1	40.3	60.5
79	56.9	40.2	60.4



#18
Hexachloroethane
Concen: 41.266 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.023 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion:	117	Resp:	110434
Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.6	114.8
201	91.6	81.4	122.0

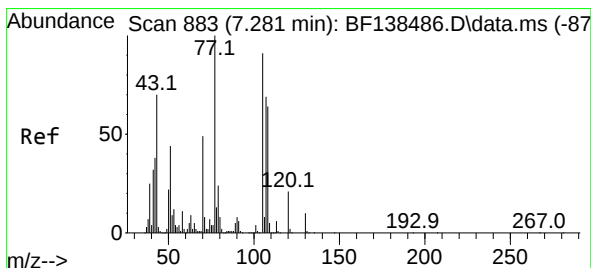
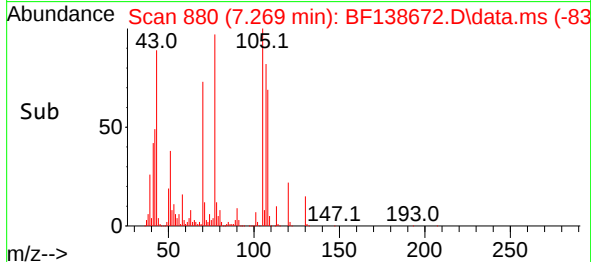
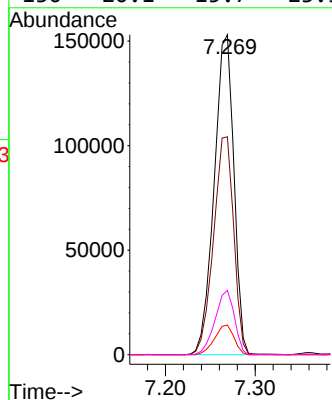
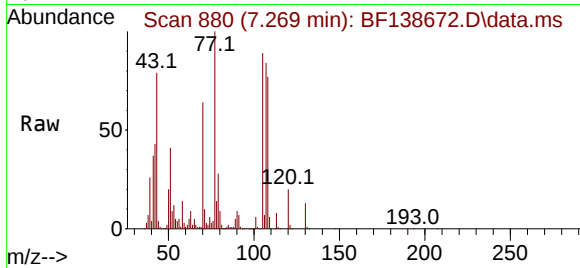




#19
n-Nitroso-di-n-propylamine
Concen: 47.042 ng
RT: 7.269 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

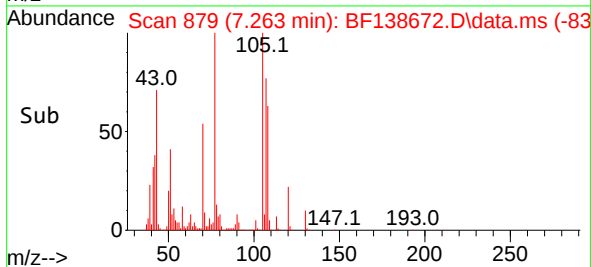
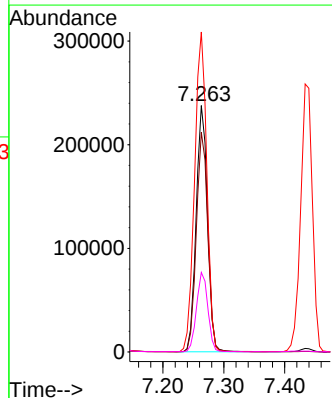
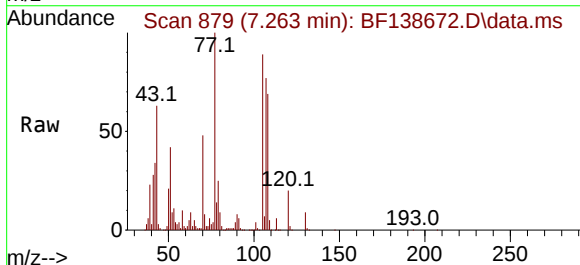
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS

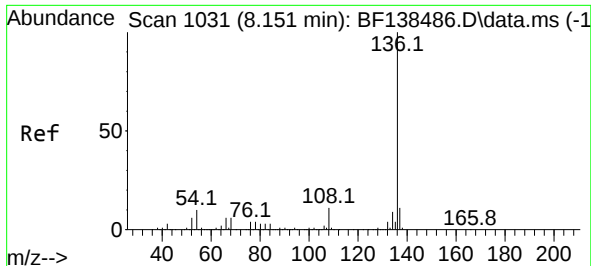
Tgt Ion: 70 Resp: 233224
Ion Ratio Lower Upper
70 100
42 68.1 62.4 93.6
101 9.3 7.2 10.8
130 20.1 15.7 23.5



#20
3+4-Methylphenols
Concen: 46.671 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.017 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion:107 Resp: 307179
Ion Ratio Lower Upper
107 100
108 89.2 73.7 113.7
77 129.9 126.0 166.0
79 32.3 15.4 55.4

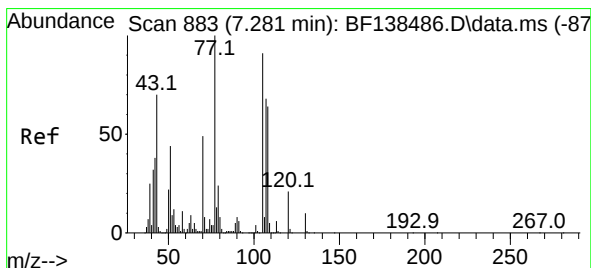
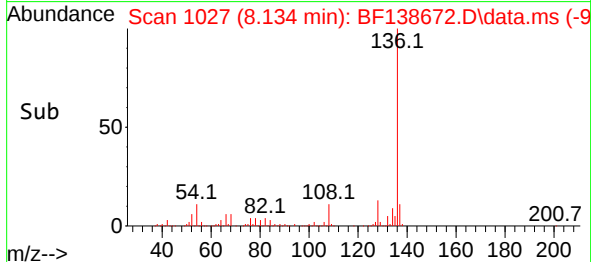
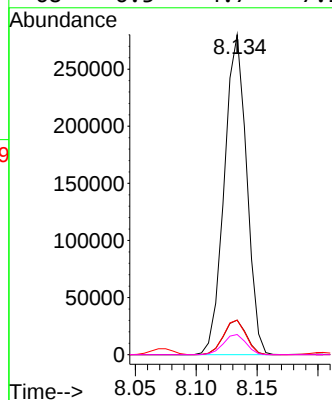
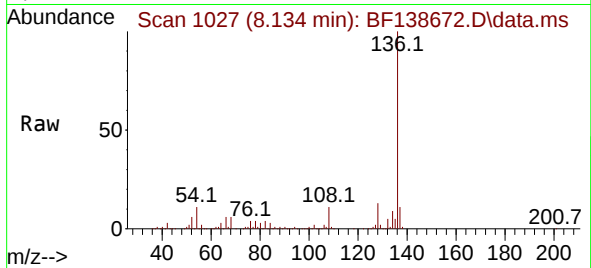




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1031
Delta R.T. -0.017 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

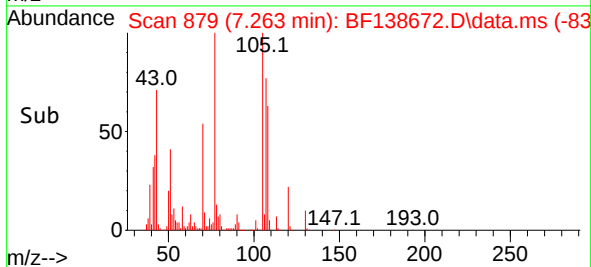
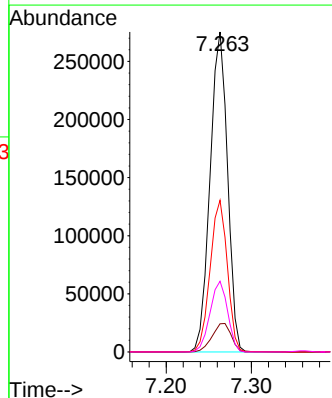
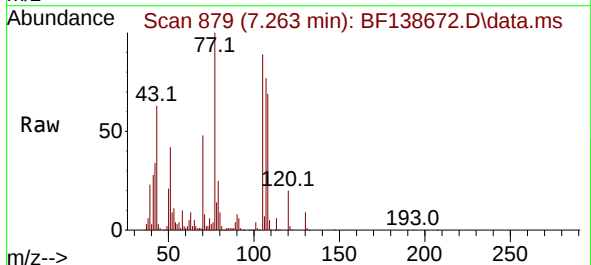
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS

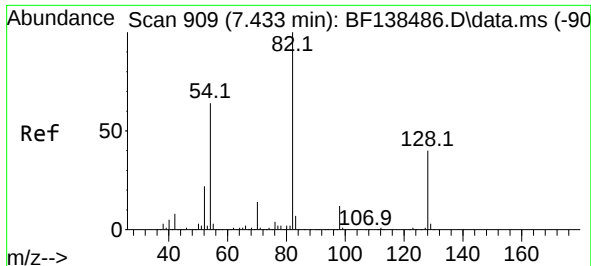
Tgt Ion:136 Resp: 358163
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.8 8.1 12.1
68 6.3 4.7 7.1



#22
Acetophenone
Concen: 44.993 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.017 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion:105 Resp: 391384
Ion Ratio Lower Upper
105 100
71 8.8 7.4 11.2
51 47.4 38.7 58.1
120 22.1 18.2 27.2

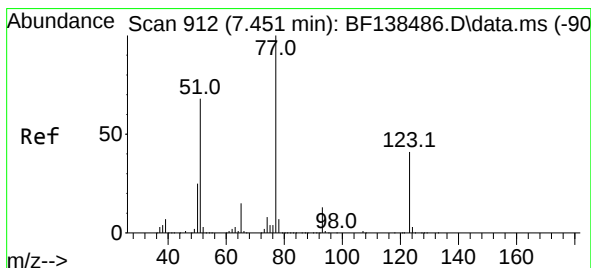
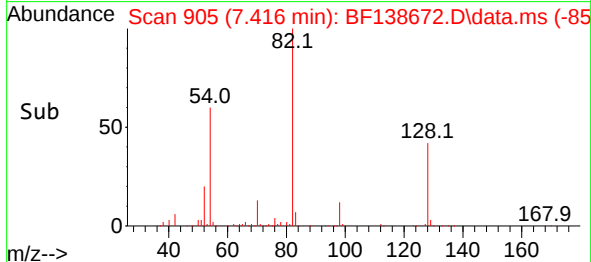
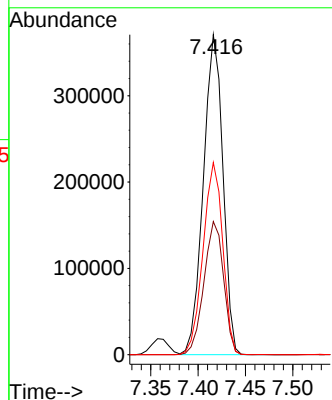
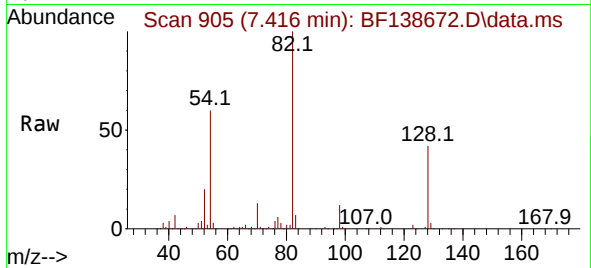




#23
Nitrobenzene-d5
Concen: 72.896 ng
RT: 7.416 min Scan# 908
Delta R.T. -0.017 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

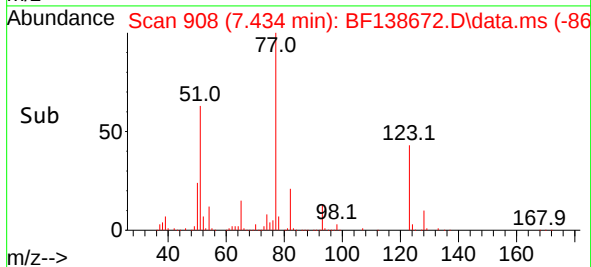
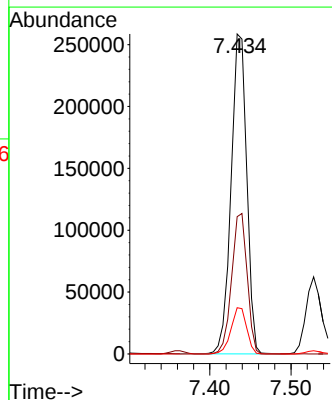
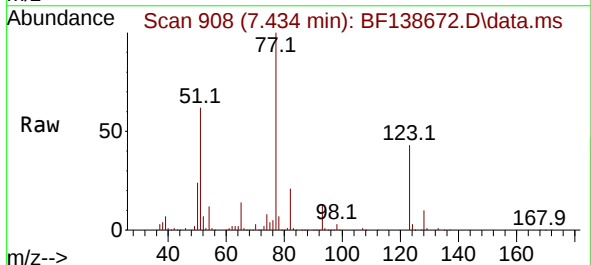
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS

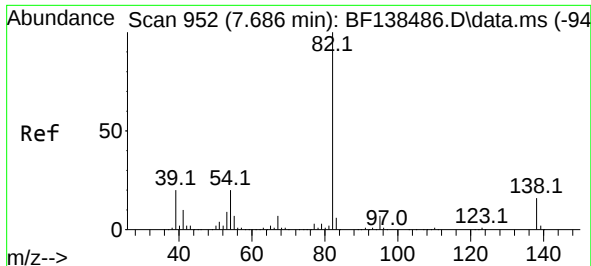
Tgt Ion: 82 Resp: 531773
Ion Ratio Lower Upper
82 100
128 41.6 32.3 48.5
54 60.1 51.4 77.0



#24
Nitrobenzene
Concen: 46.701 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.017 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion: 77 Resp: 346205
Ion Ratio Lower Upper
77 100
123 42.9 32.4 48.6
65 14.5 11.8 17.8

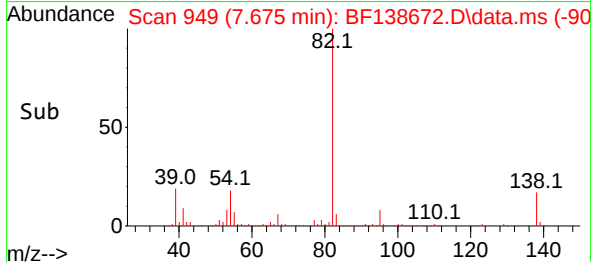
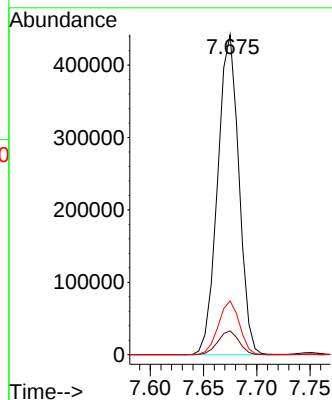
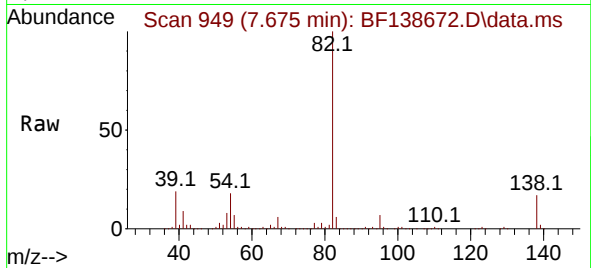




#25
Isophorone
Concen: 48.835 ng
RT: 7.675 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

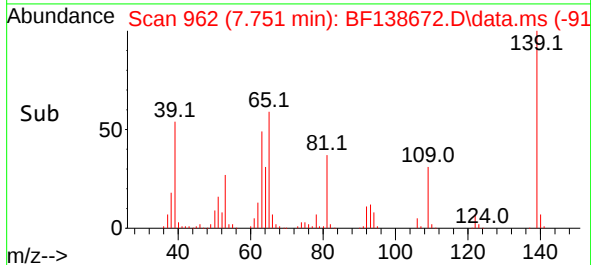
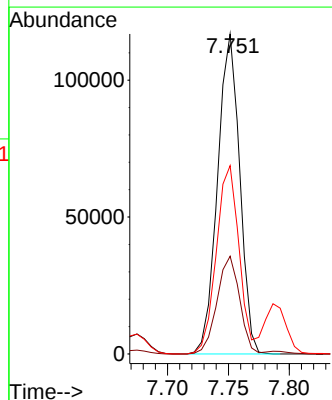
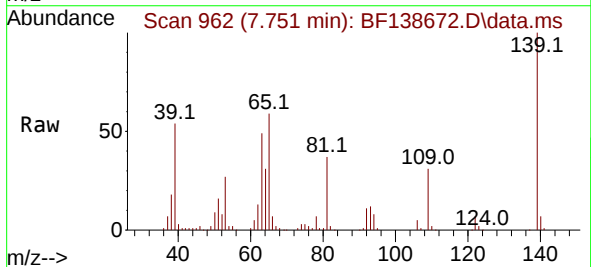
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS

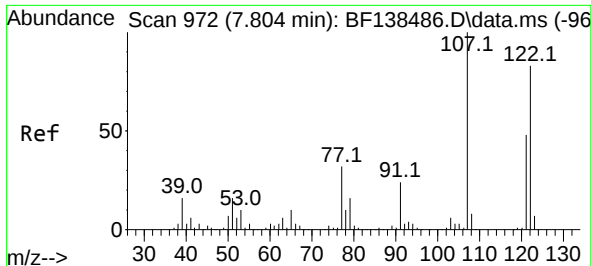
Tgt Ion: 82 Resp: 611791
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 16.8 12.8 19.2



#26
2-Nitrophenol
Concen: 46.602 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.017 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion:139 Resp: 148068
Ion Ratio Lower Upper
139 100
109 30.6 24.8 37.2
65 58.8 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 52.522 ng

RT: 7.787 min Scan# 90

Delta R.T. -0.017 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MS

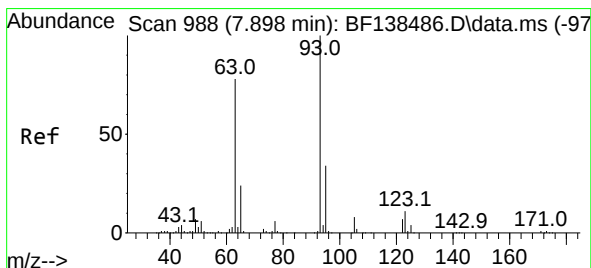
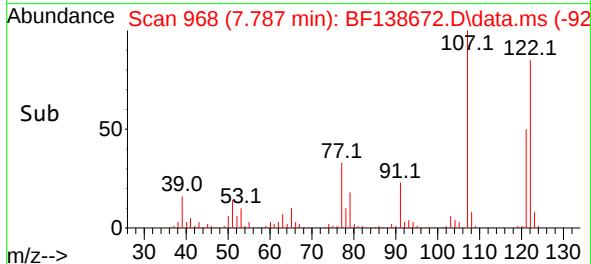
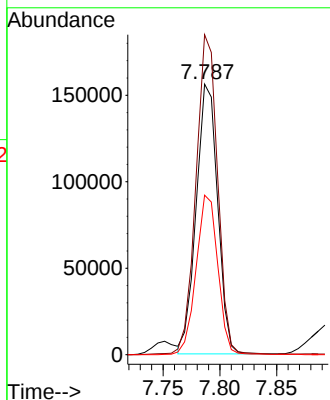
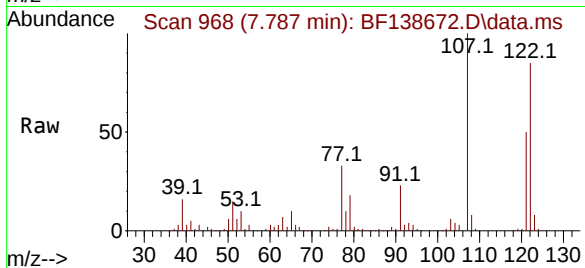
Tgt Ion:122 Resp: 205103

Ion Ratio Lower Upper

122 100

107 118.2 96.3 144.5

121 59.0 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 50.091 ng

RT: 7.881 min Scan# 984

Delta R.T. -0.017 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

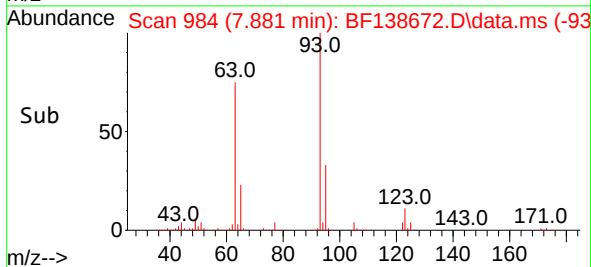
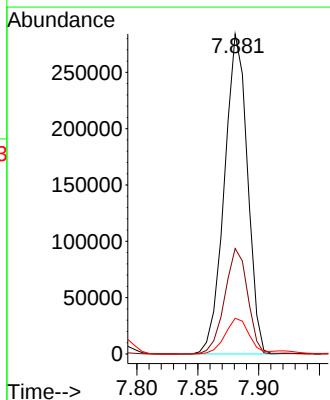
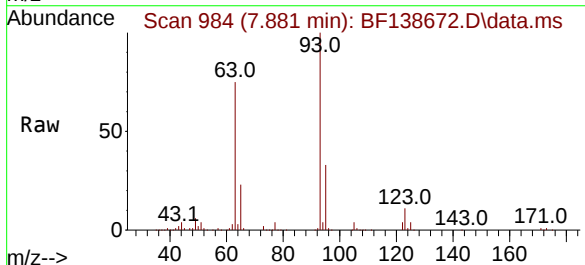
Tgt Ion: 93 Resp: 375030

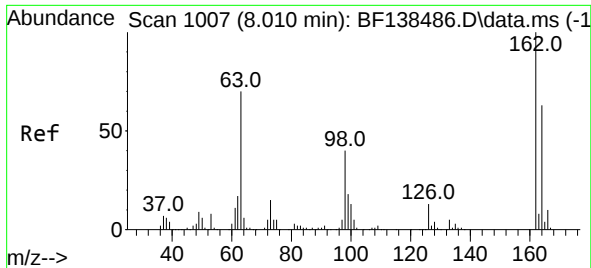
Ion Ratio Lower Upper

93 100

95 32.9 27.0 40.6

123 11.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 45.292 ng

RT: 7.992 min Scan# 1017

Delta R.T. -0.017 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MS

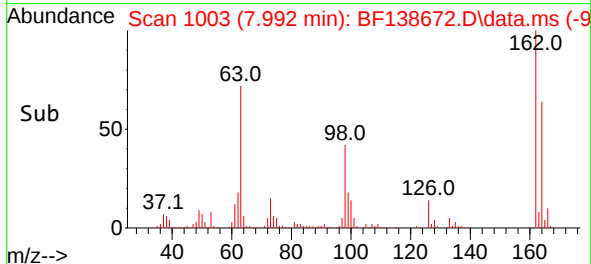
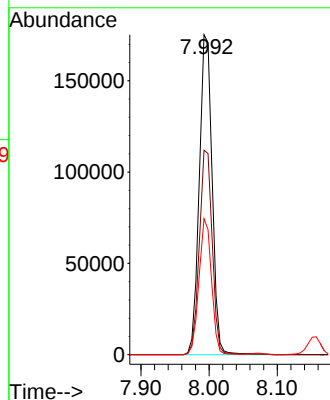
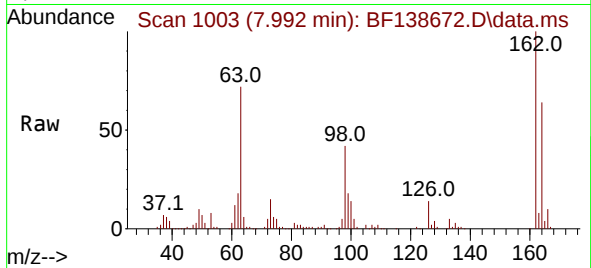
Tgt Ion:162 Resp: 229684

Ion Ratio Lower Upper

162 100

164 63.9 42.6 82.6

98 42.5 20.1 60.1



#30

1,2,4-Trichlorobenzene

Concen: 43.345 ng

RT: 8.075 min Scan# 1017

Delta R.T. -0.017 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

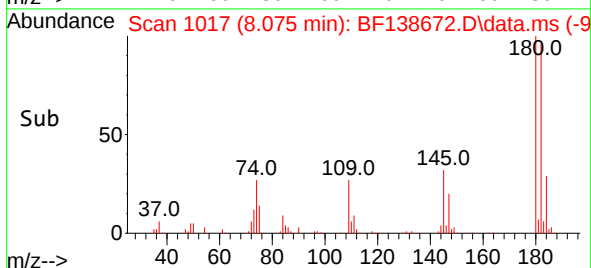
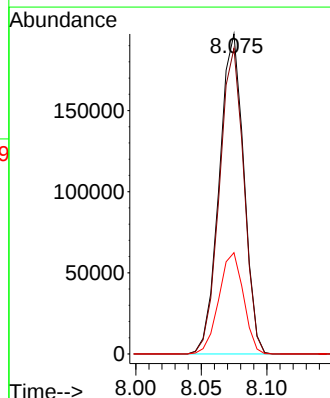
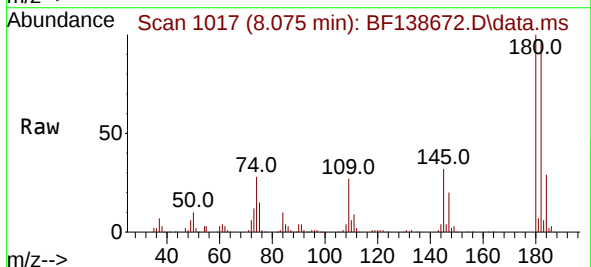
Tgt Ion:180 Resp: 256063

Ion Ratio Lower Upper

180 100

182 95.5 76.9 115.3

145 31.6 23.9 35.9

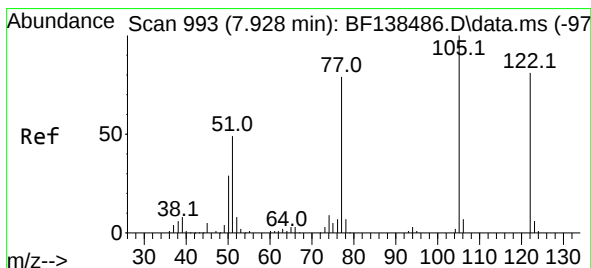
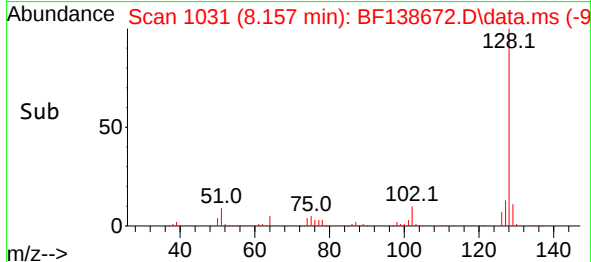
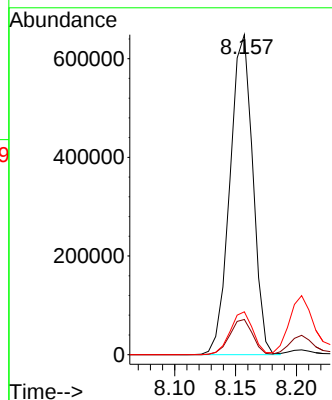
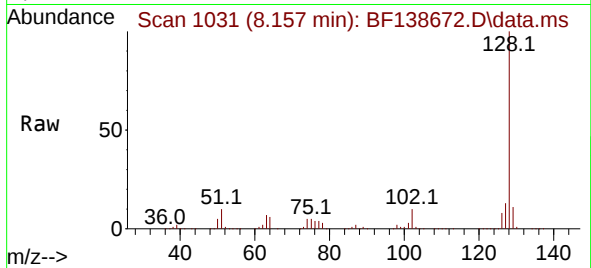




#31
Naphthalene
Concen: 45.463 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.017 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

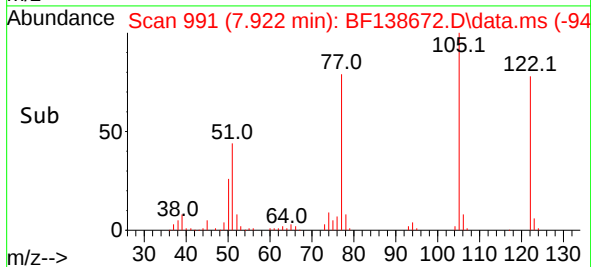
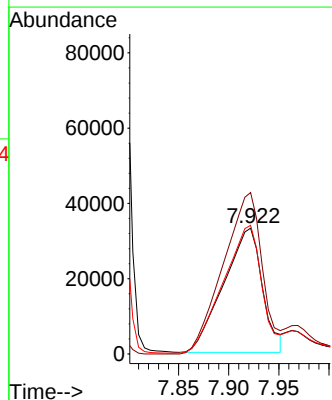
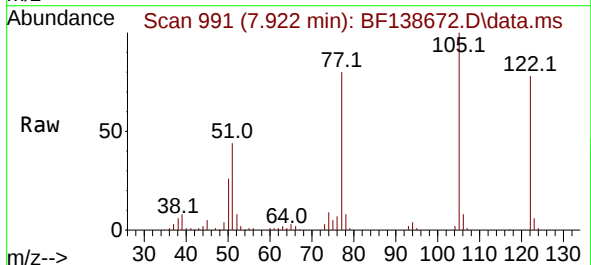
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS

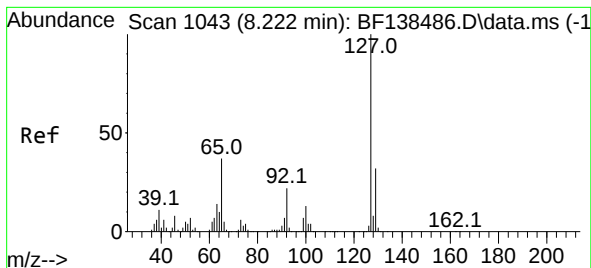
Tgt Ion:128 Resp: 846850
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 23.778 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion:122 Resp: 88562
Ion Ratio Lower Upper
122 100
105 128.4 101.5 141.5
77 102.3 77.3 117.3





#33

4-Chloroaniline

Concen: 30.324 ng

RT: 8.204 min Scan# 1039

Delta R.T. -0.017 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MS

Tgt Ion:127 Resp: 198192

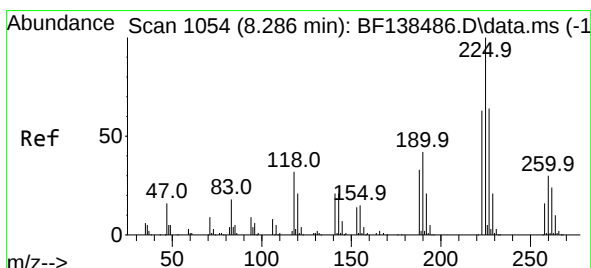
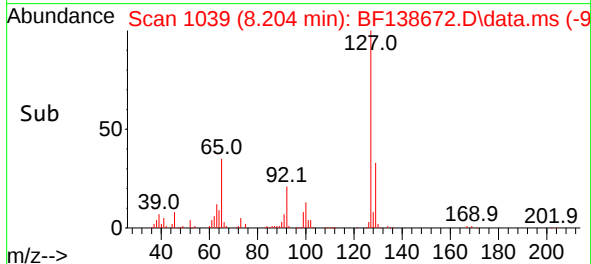
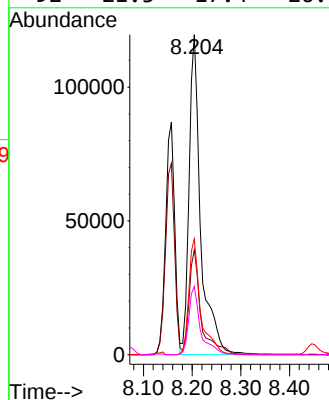
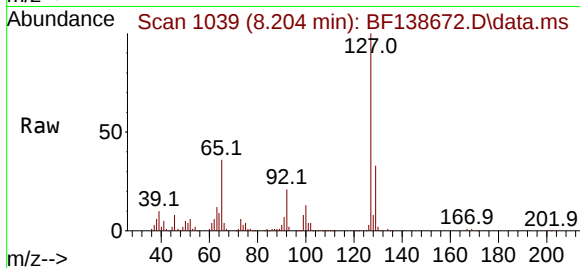
Ion Ratio Lower Upper

127 100

129 32.8 25.6 38.4

65 36.1 29.6 44.4

92 21.3 17.4 26.0



#34

Hexachlorobutadiene

Concen: 41.227 ng

RT: 8.269 min Scan# 1050

Delta R.T. -0.017 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

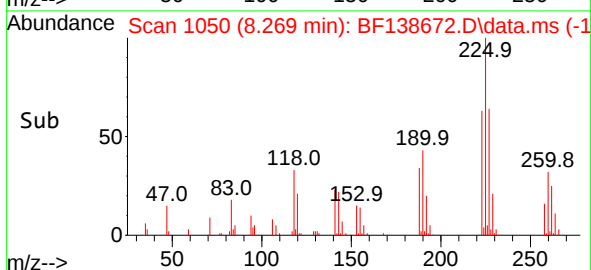
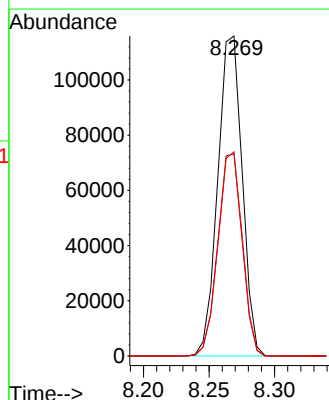
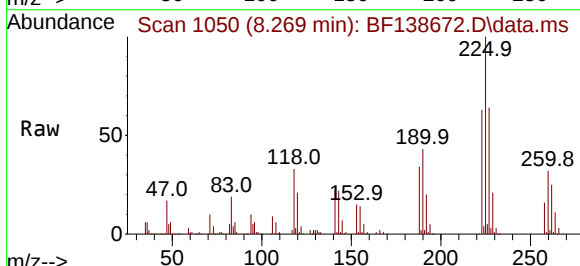
Tgt Ion:225 Resp: 149976

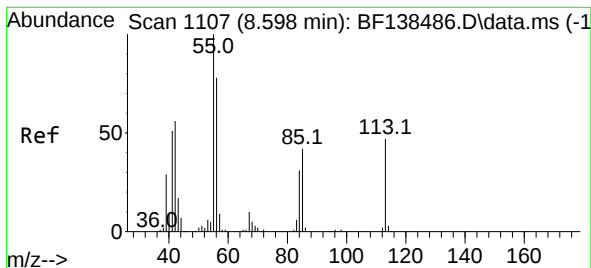
Ion Ratio Lower Upper

225 100

223 63.2 50.0 75.0

227 63.8 51.0 76.6





#35

Caprolactam

Concen: 42.151 ng

RT: 8.587 min Scan# 1107

Delta R.T. -0.012 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MS

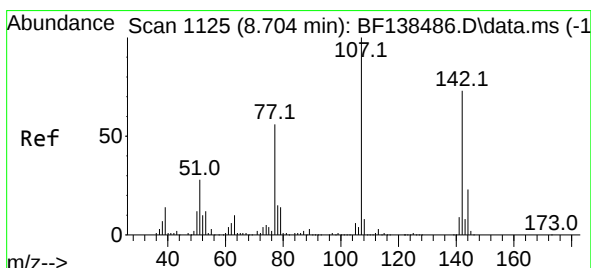
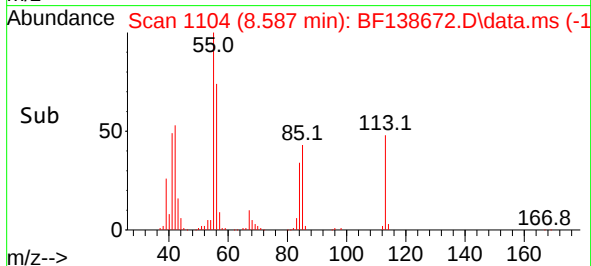
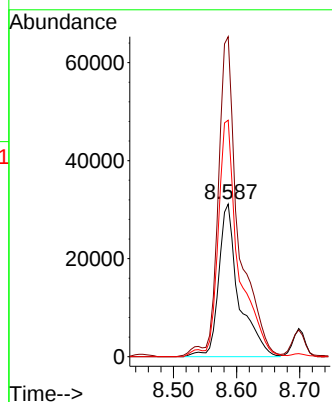
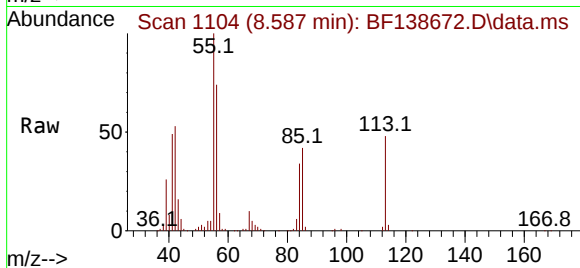
Tgt Ion:113 Resp: 68975

Ion Ratio Lower Upper

113 100

55 209.6 192.5 232.5

56 154.9 145.3 185.3



#36

4-Chloro-3-methylphenol

Concen: 45.126 ng

RT: 8.698 min Scan# 1123

Delta R.T. -0.006 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

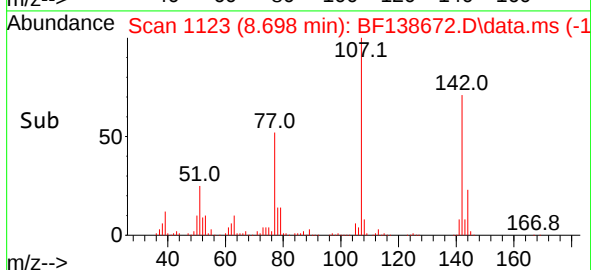
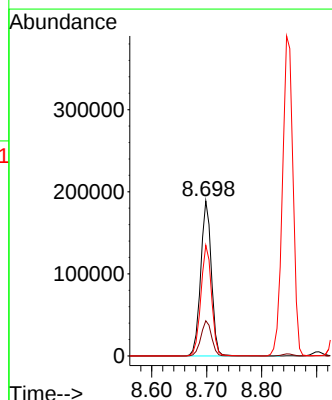
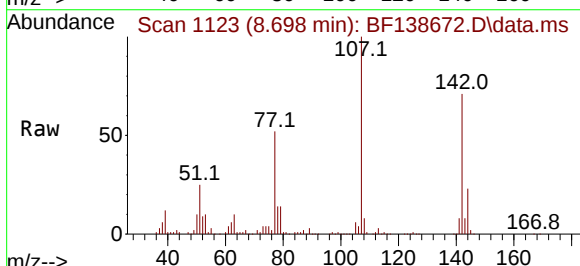
Tgt Ion:107 Resp: 256191

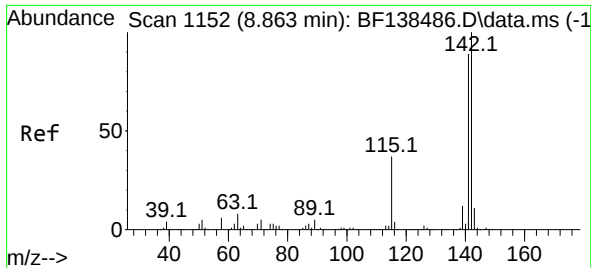
Ion Ratio Lower Upper

107 100

144 22.7 18.6 27.8

142 71.4 58.6 88.0

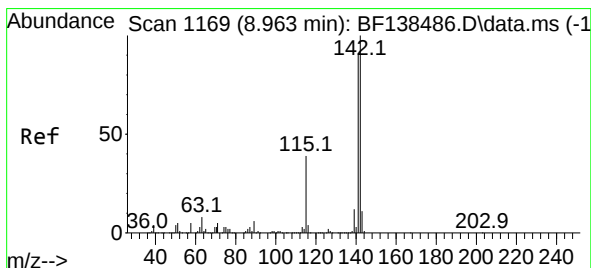
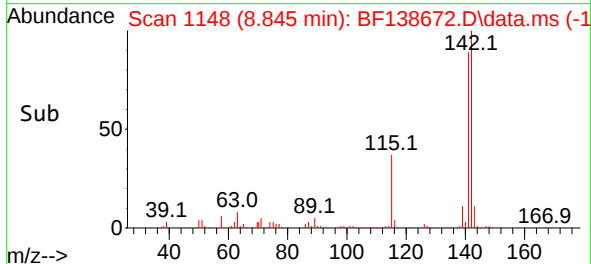
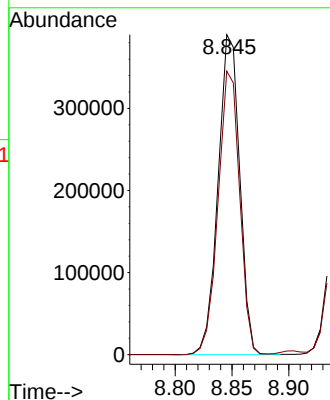
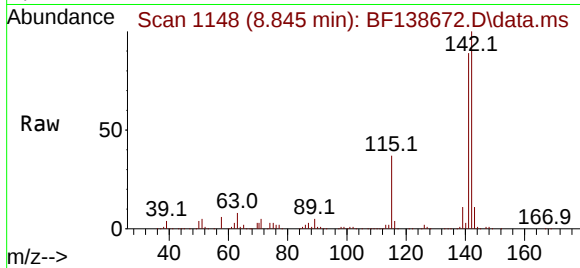




#37
2-Methylnaphthalene
Concen: 43.114 ng
RT: 8.845 min Scan# 1148
Delta R.T. -0.017 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

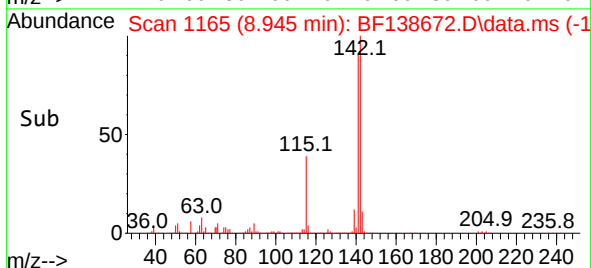
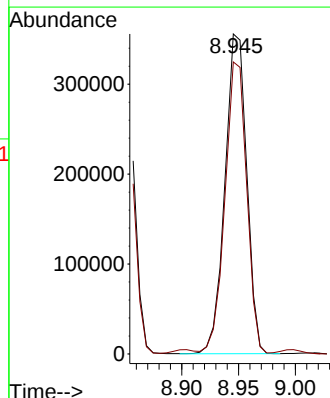
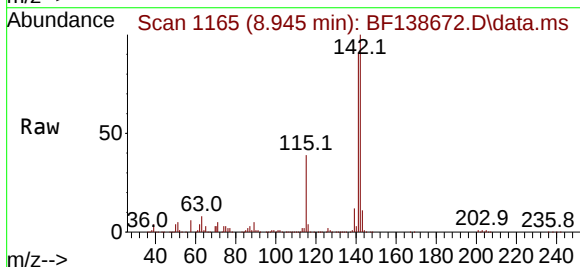
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS

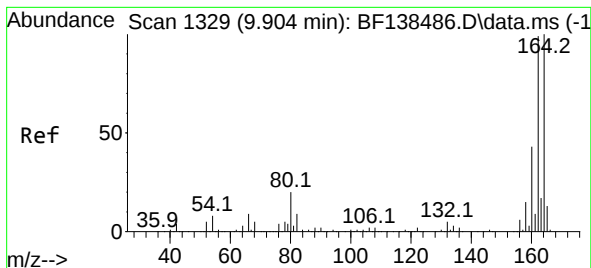
Tgt Ion:142 Resp: 516812
Ion Ratio Lower Upper
142 100
141 88.6 71.4 107.0



#38
1-Methylnaphthalene
Concen: 40.603 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.017 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion:142 Resp: 475014
Ion Ratio Lower Upper
142 100
141 91.3 72.6 108.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1177

Delta R.T. -0.012 min

Lab File: BF138672.D

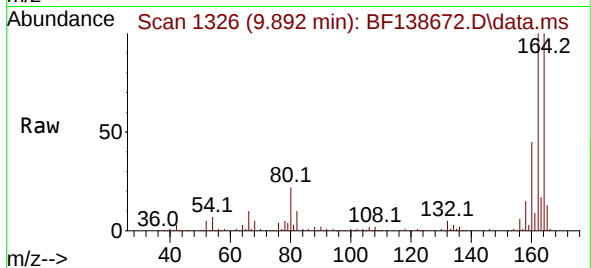
Acq: 29 Jul 2024 16:42

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MS



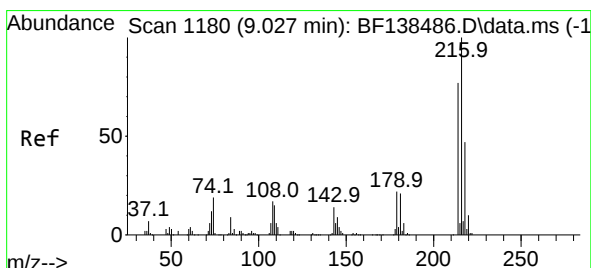
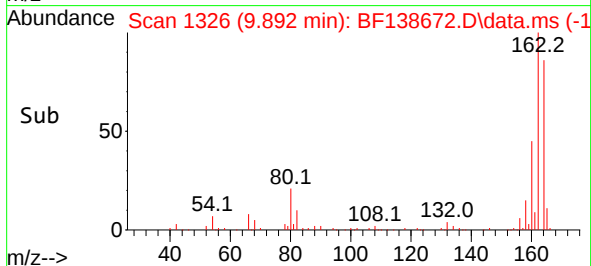
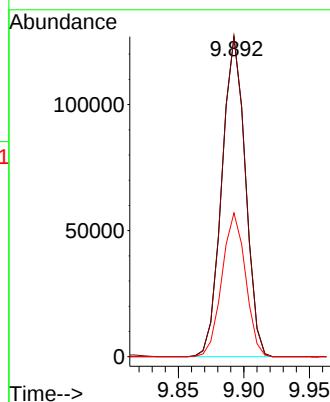
Tgt Ion:164 Resp: 158180

Ion Ratio Lower Upper

164 100

162 99.9 79.0 118.6

160 44.9 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.356 ng

RT: 9.016 min Scan# 1177

Delta R.T. -0.012 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

Tgt Ion:216 Resp: 208773

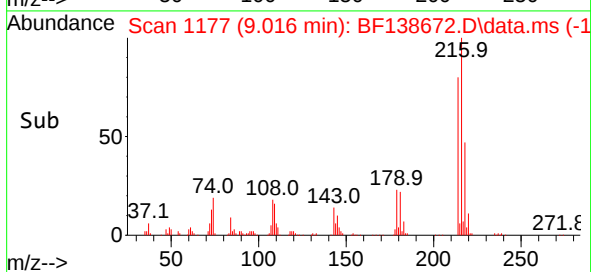
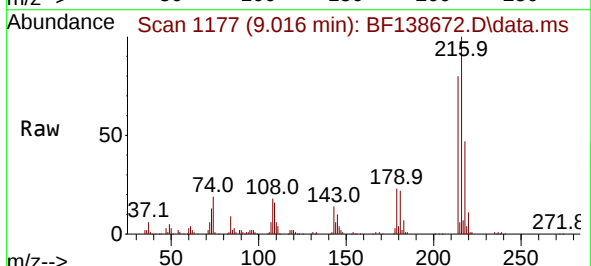
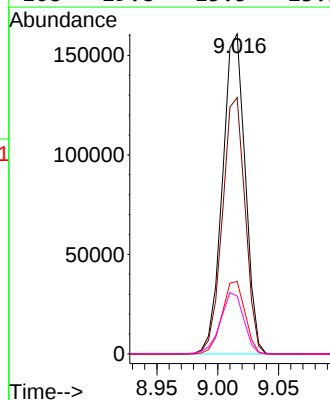
Ion Ratio Lower Upper

216 100

214 79.8 62.8 94.2

179 22.9 17.7 26.5

108 19.8 15.5 23.3

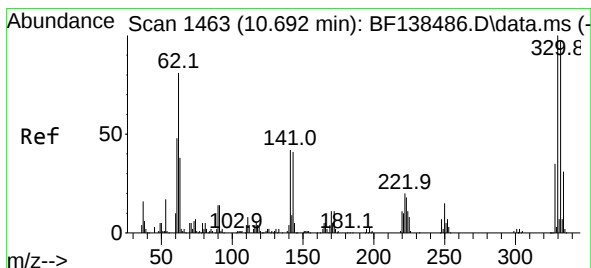
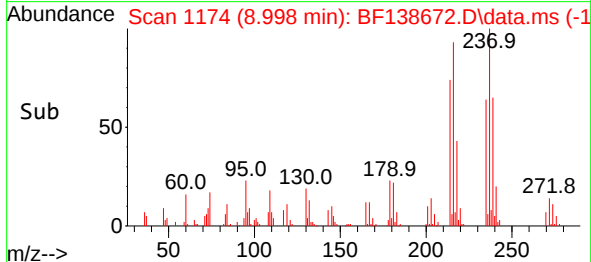
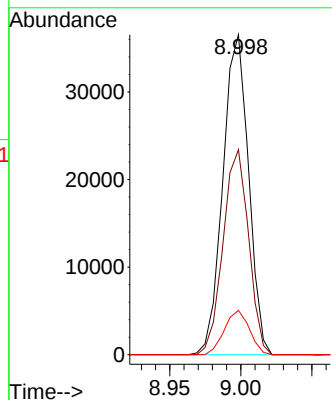
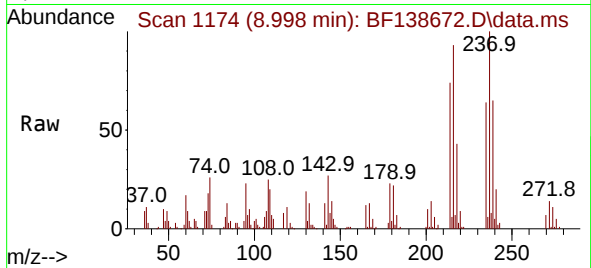




#41
Hexachlorocyclopentadiene
Concen: 32.063 ng
RT: 8.998 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

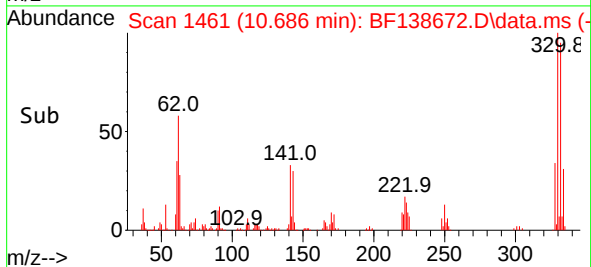
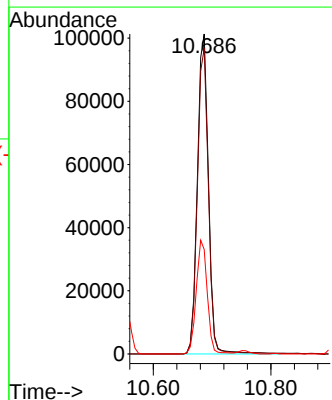
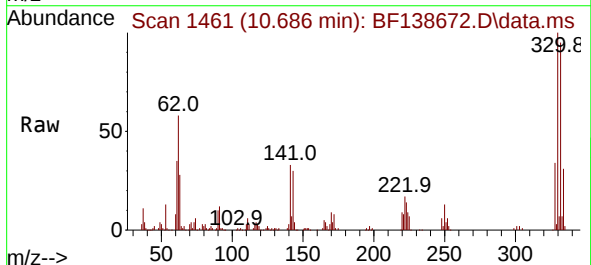
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS

Tgt Ion: 237 Resp: 45880
Ion Ratio Lower Upper
237 100
235 64.1 43.3 83.3
272 13.9 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 89.878 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion: 330 Resp: 132871
Ion Ratio Lower Upper
330 100
332 94.9 76.8 115.2
141 35.2 29.4 44.2





#43

2,4,6-Trichlorophenol

Concen: 48.364 ng

RT: 9.134 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MS

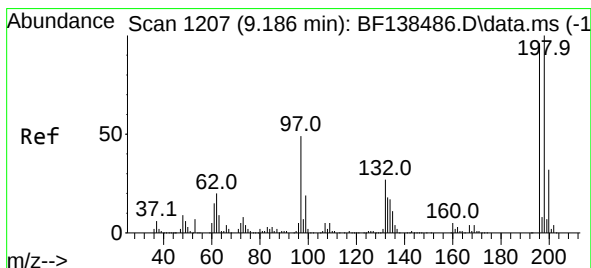
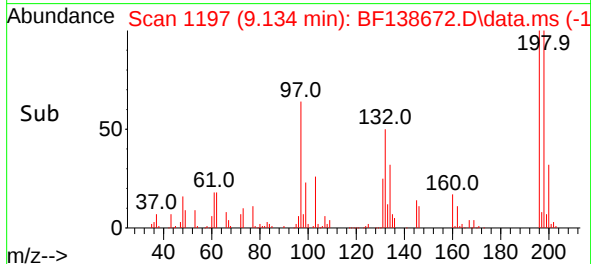
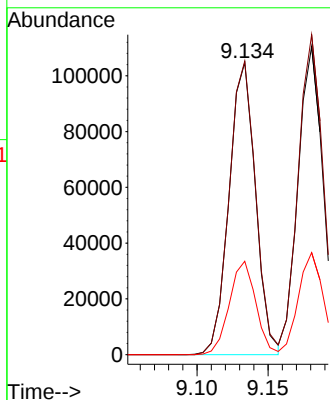
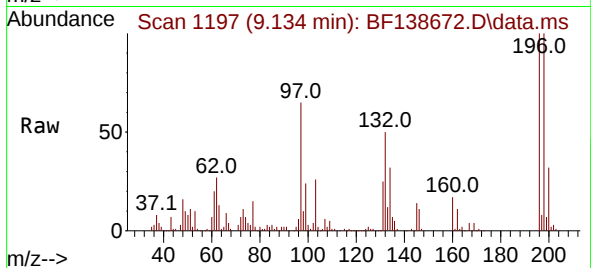
Tgt Ion:196 Resp: 136006

Ion Ratio Lower Upper

196 100

198 100.5 82.3 123.5

200 32.0 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 44.220 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

Tgt Ion:196 Resp: 136772

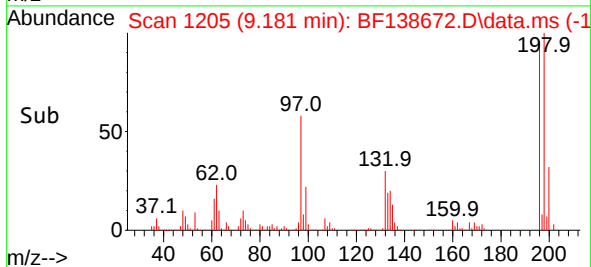
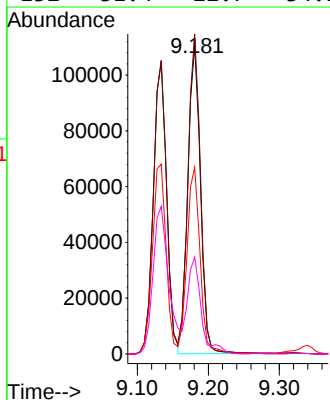
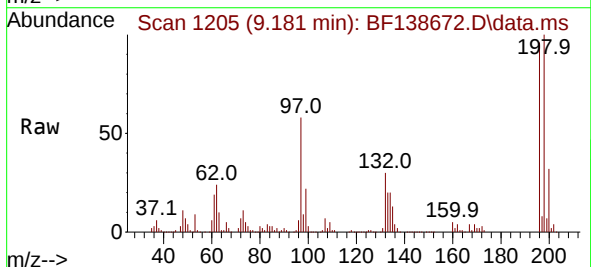
Ion Ratio Lower Upper

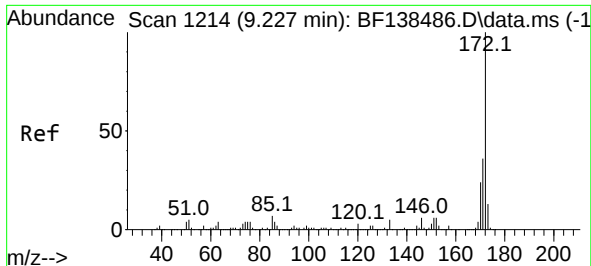
196 100

198 103.8 82.8 124.2

97 60.5 41.0 61.4

132 31.4 22.7 34.1

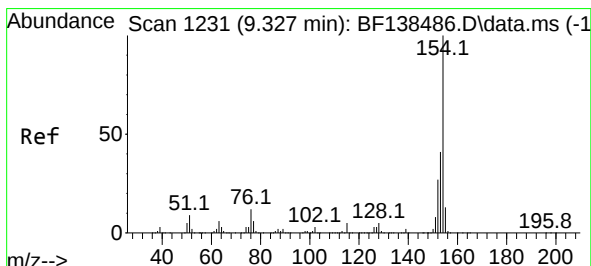
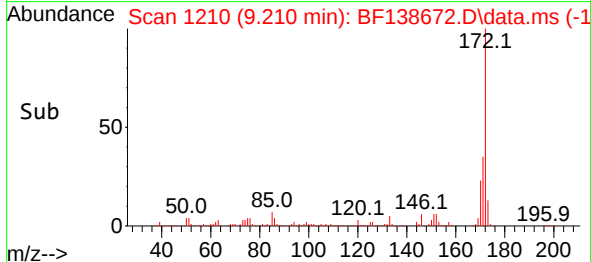
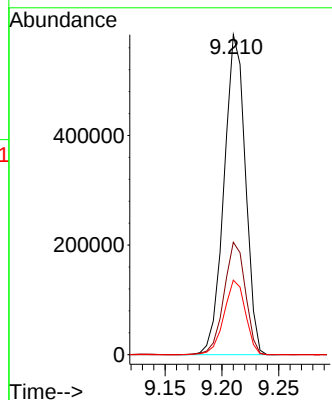
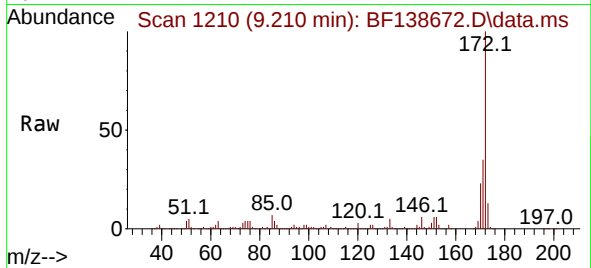




#45
2-Fluorobiphenyl
Concen: 75.418 ng
RT: 9.210 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

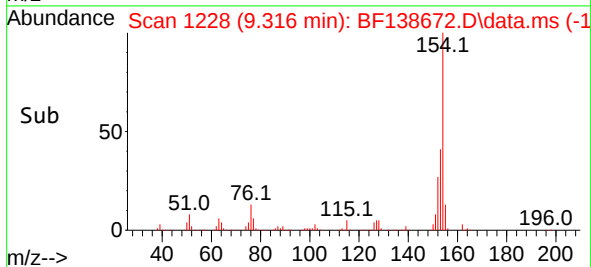
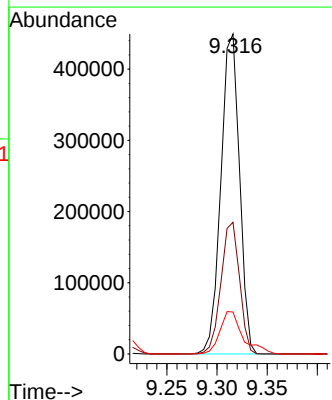
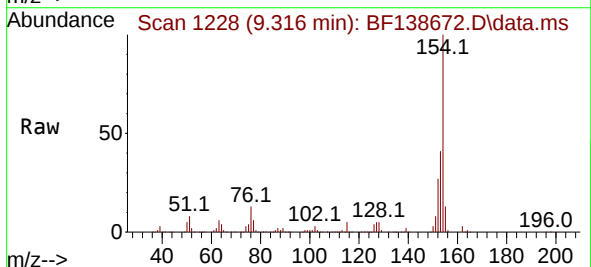
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS

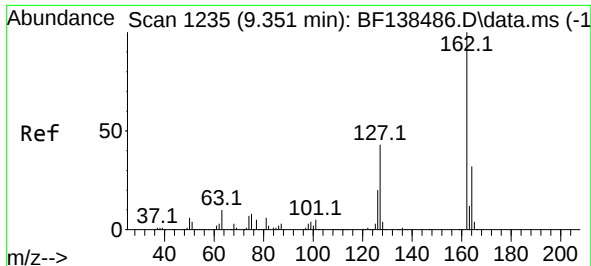
Tgt Ion:172 Resp: 763300
Ion Ratio Lower Upper
172 100
171 35.2 28.9 43.3
170 23.3 18.9 28.3



#46
1,1'-Biphenyl
Concen: 48.287 ng
RT: 9.316 min Scan# 1228
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion:154 Resp: 578841
Ion Ratio Lower Upper
154 100
153 41.2 20.7 60.7
76 13.1 0.0 32.2





#47

2-Chloronaphthalene

Concen: 48.805 ng

RT: 9.339 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MS

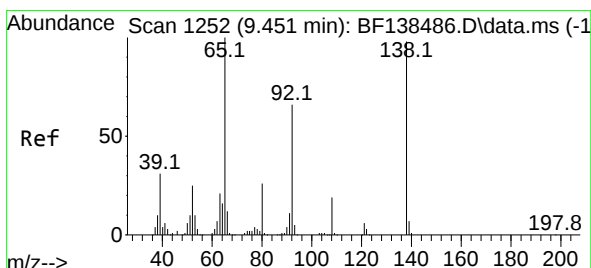
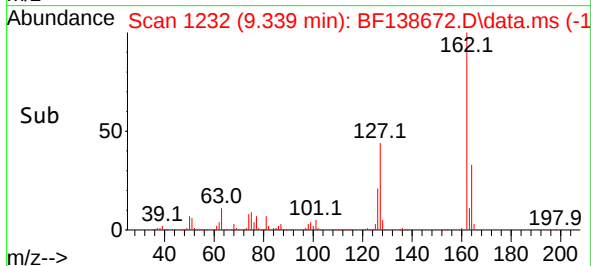
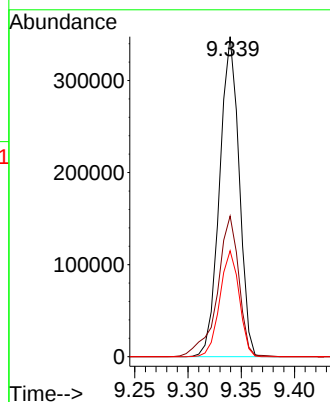
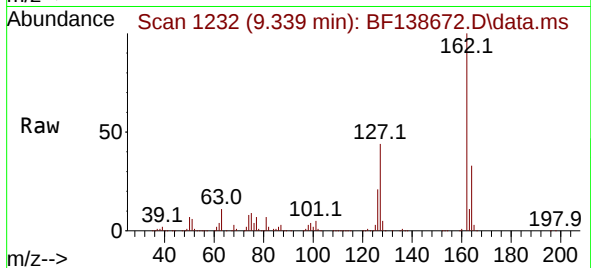
Tgt Ion:162 Resp: 441987

Ion Ratio Lower Upper

162 100

127 44.0 34.8 52.2

164 33.1 25.6 38.4



#48

2-Nitroaniline

Concen: 51.530 ng

RT: 9.439 min Scan# 1249

Delta R.T. -0.012 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

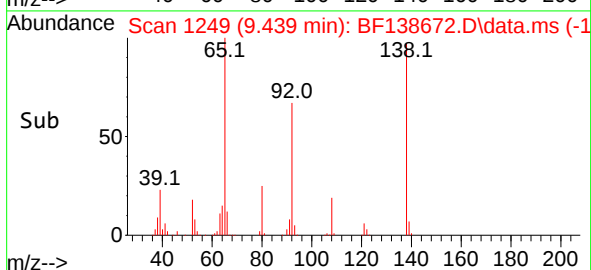
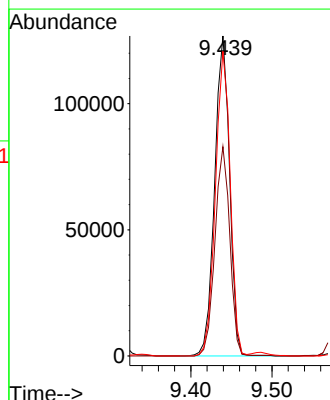
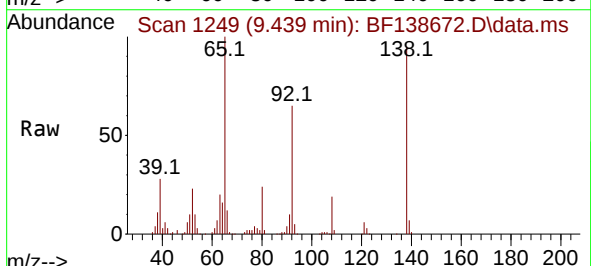
Tgt Ion: 65 Resp: 161711

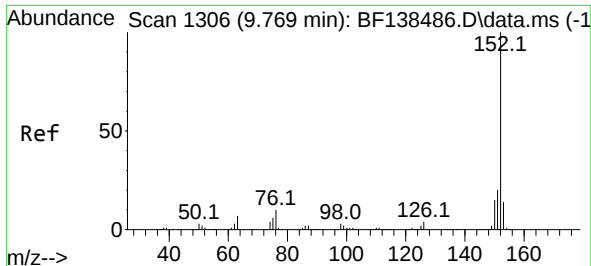
Ion Ratio Lower Upper

65 100

92 65.4 52.6 78.8

138 95.2 78.6 118.0

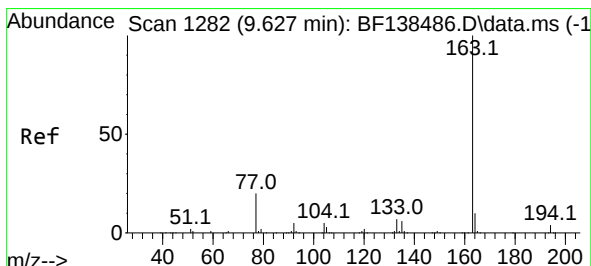
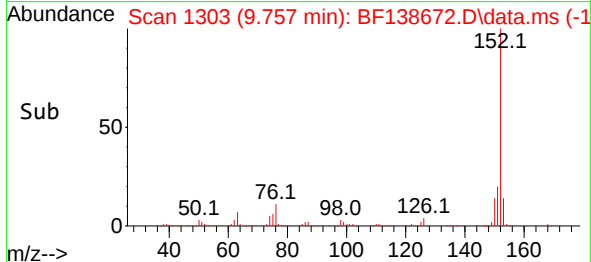
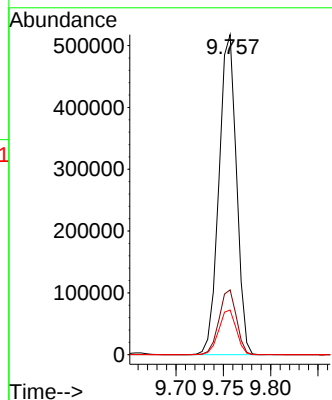
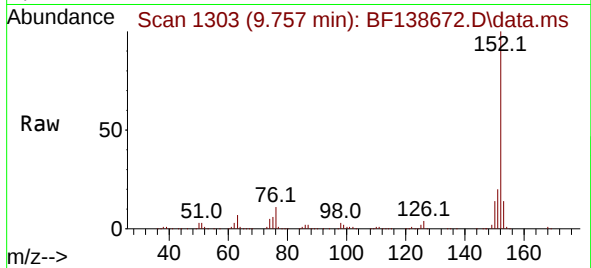




#49
Acenaphthylene
Concen: 51.790 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

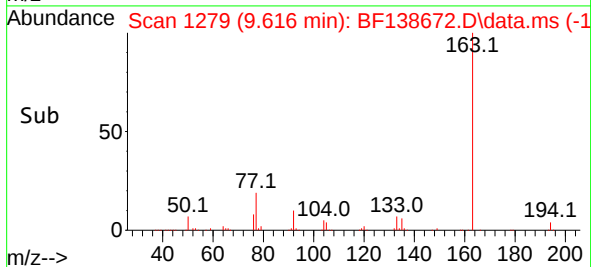
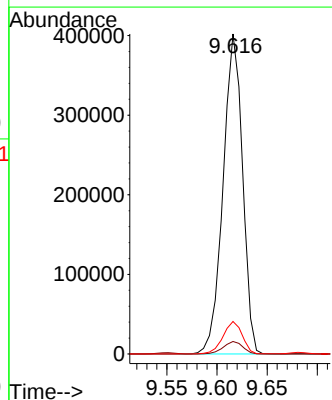
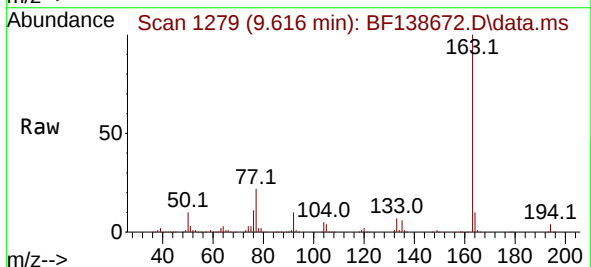
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS

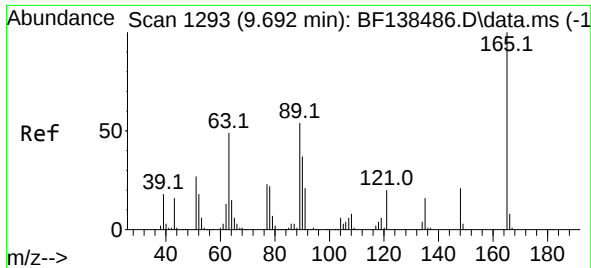
Tgt Ion:152 Resp: 665893
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 14.0 11.3 16.9



#50
Dimethylphthalate
Concen: 53.023 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion:163 Resp: 542327
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.2 8.1 12.1

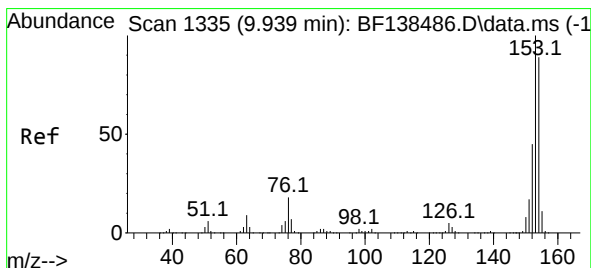
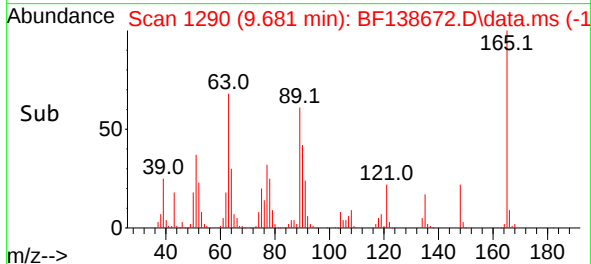
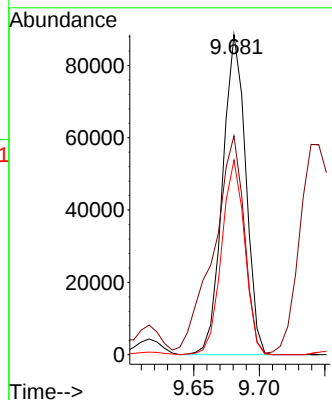
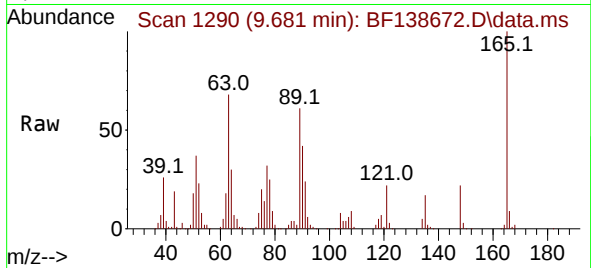




#51
2,6-Dinitrotoluene
Concen: 46.060 ng
RT: 9.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

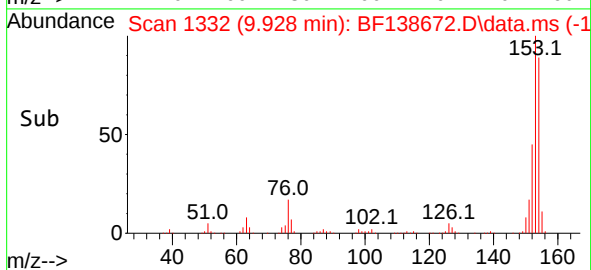
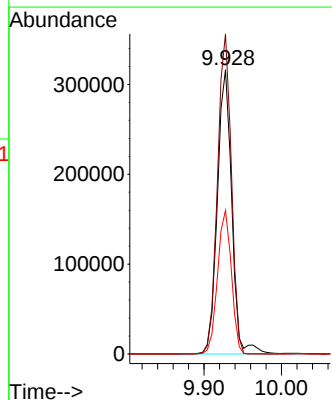
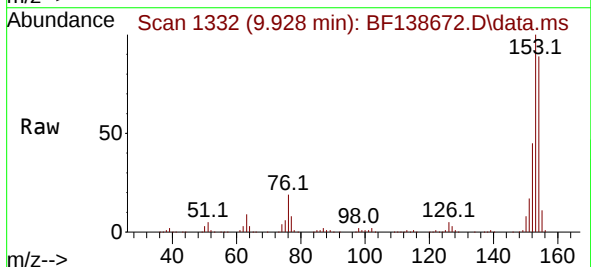
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS

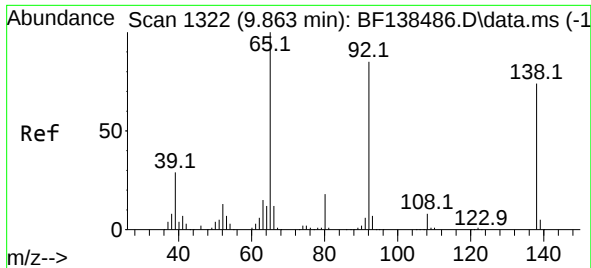
Tgt Ion:165 Resp: 108473
Ion Ratio Lower Upper
165 100
63 68.4 48.1 72.1
89 60.8 43.0 64.6



#52
Acenaphthene
Concen: 47.711 ng
RT: 9.928 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion:154 Resp: 407769
Ion Ratio Lower Upper
154 100
153 112.6 90.4 135.6
152 50.5 41.1 61.7

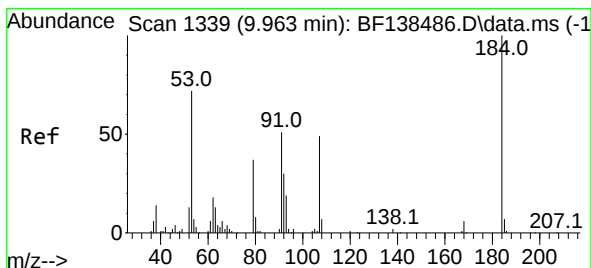
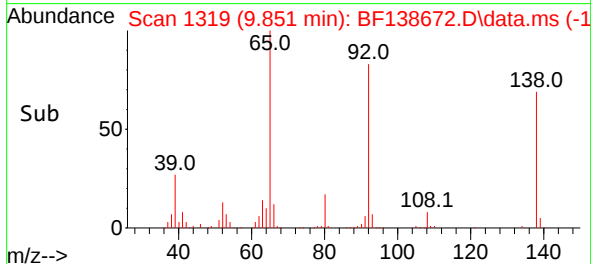
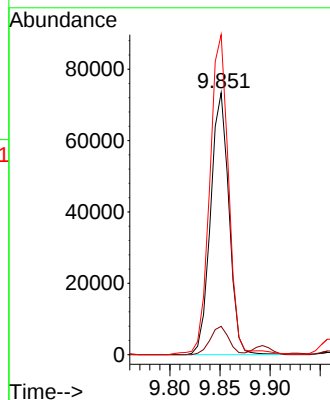
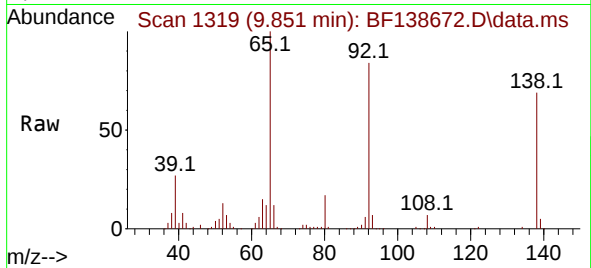




#53
3-Nitroaniline
Concen: 38.868 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

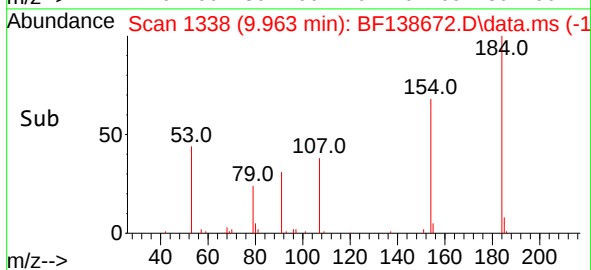
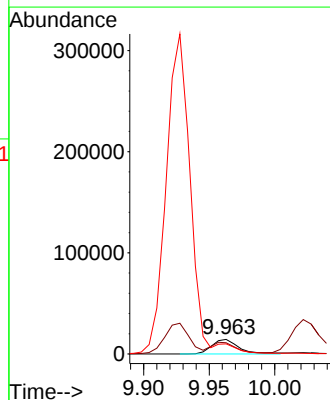
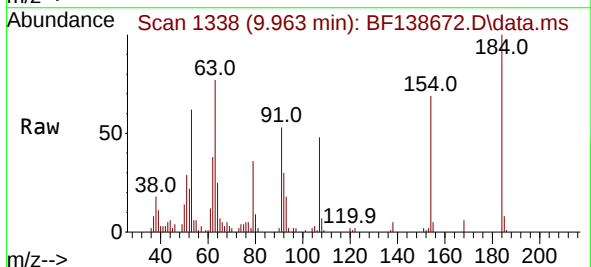
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS

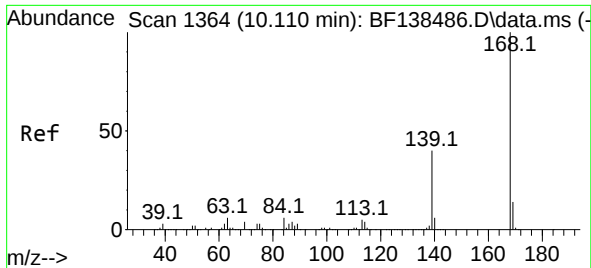
Tgt Ion:138 Resp: 93816
Ion Ratio Lower Upper
138 100
108 10.8 8.3 12.5
92 122.2 92.6 138.8



#54
2,4-Dinitrophenol
Concen: 20.071 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion:184 Resp: 20675
Ion Ratio Lower Upper
184 100
63 77.1 70.6 106.0
154 69.2 53.8 80.6

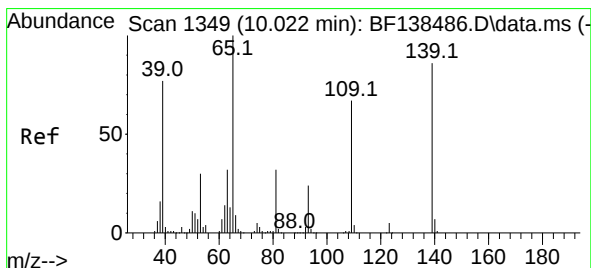
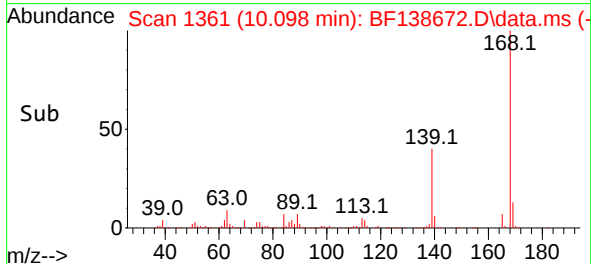
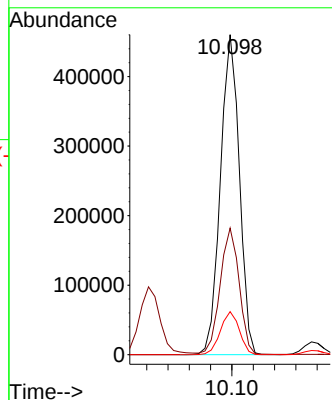
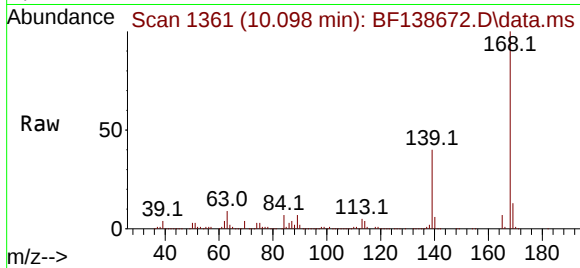




#55
Dibenzenofuran
Concen: 45.714 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

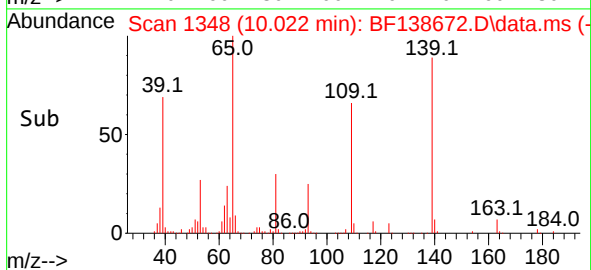
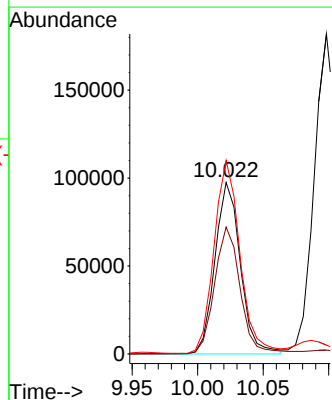
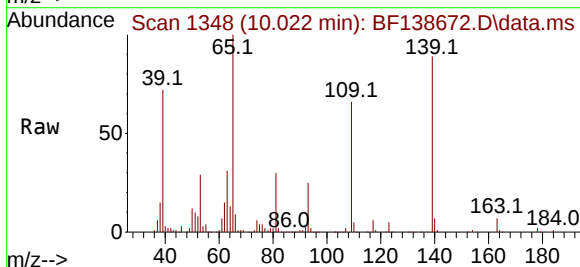
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS

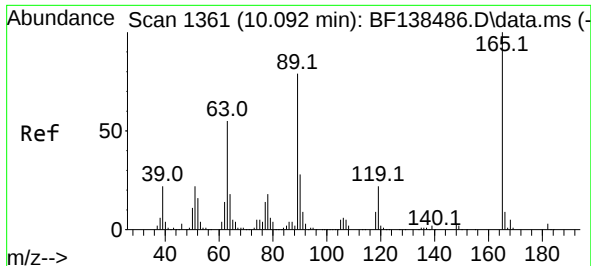
Tgt Ion:168 Resp: 566703
Ion Ratio Lower Upper
168 100
139 39.5 32.4 48.6
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 73.632 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion:139 Resp: 131138
Ion Ratio Lower Upper
139 100
109 74.0 58.1 98.1
65 112.8 96.9 136.9

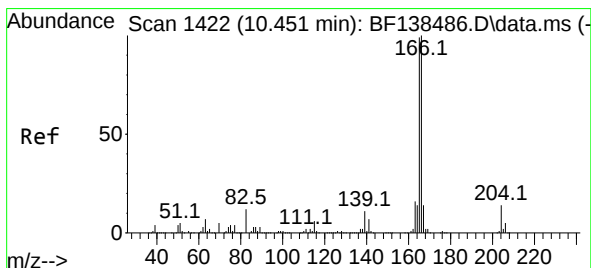
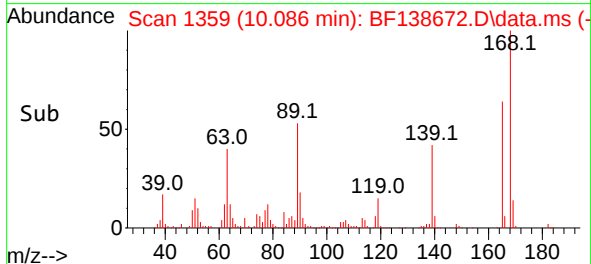
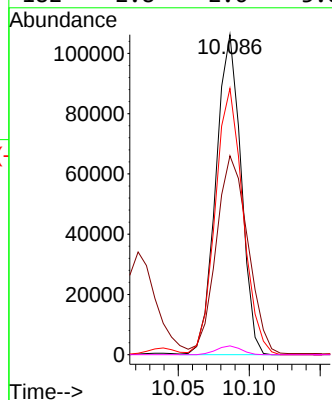
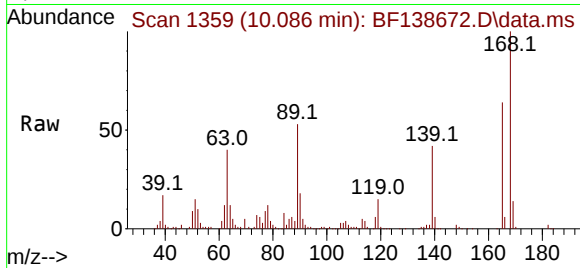




#57
2,4-Dinitrotoluene
Concen: 42.858 ng
RT: 10.086 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

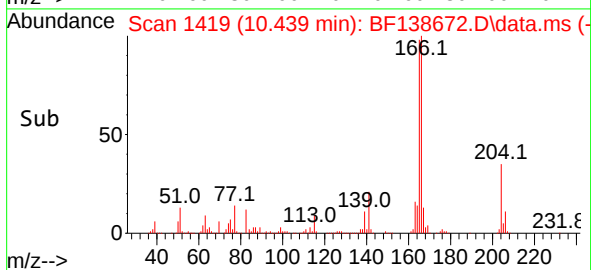
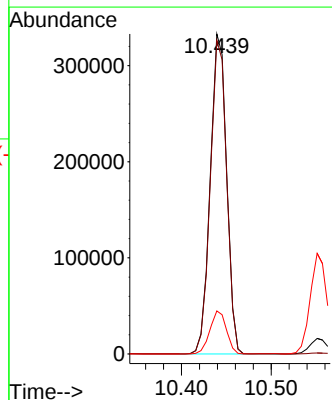
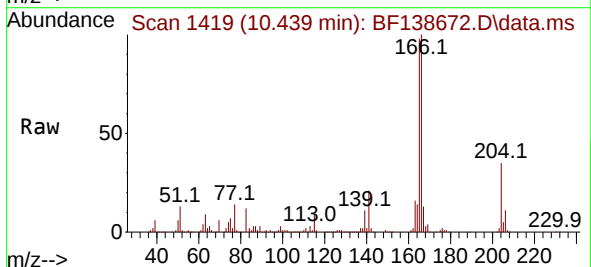
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS

Tgt Ion:165 Resp: 130593
Ion Ratio Lower Upper
165 100
63 62.2 44.6 66.8
89 83.2 63.4 95.2
182 2.8 2.6 3.8



#58
Fluorene
Concen: 43.073 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion:166 Resp: 422496
Ion Ratio Lower Upper
166 100
165 98.0 79.1 118.7
167 13.4 11.0 16.6

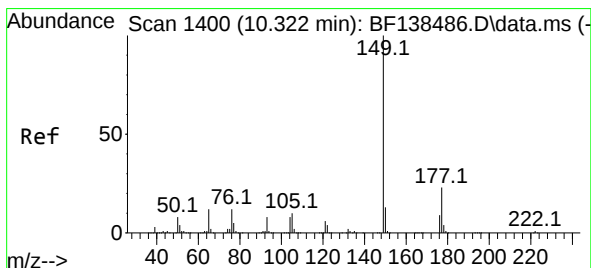
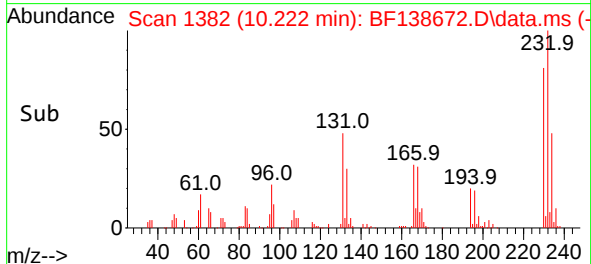
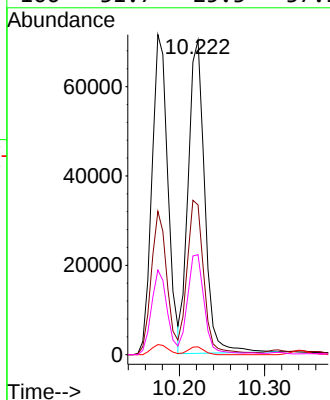
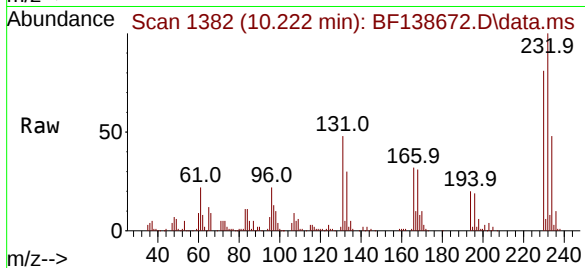




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.633 ng
RT: 10.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

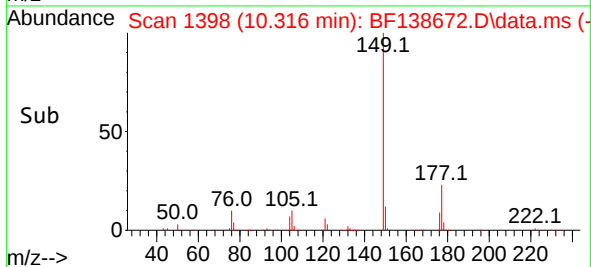
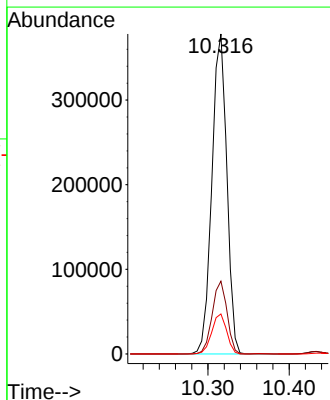
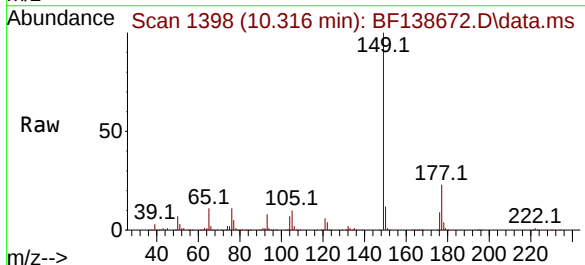
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS

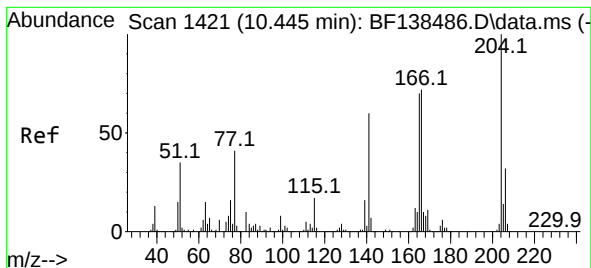
Tgt Ion:232 Resp: 94305
Ion Ratio Lower Upper
232 100
131 48.5 37.5 56.3
130 2.4 2.0 3.0
166 31.7 25.3 37.9



#60
Diethylphthalate
Concen: 48.942 ng
RT: 10.316 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion:149 Resp: 482588
Ion Ratio Lower Upper
149 100
177 22.7 18.5 27.7
150 12.5 10.3 15.5

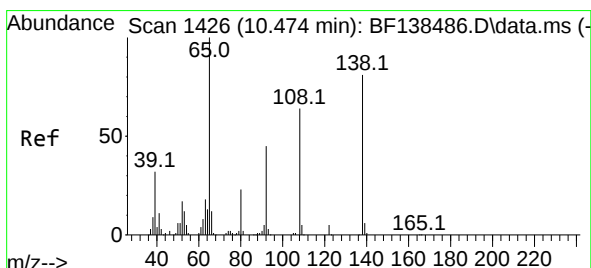
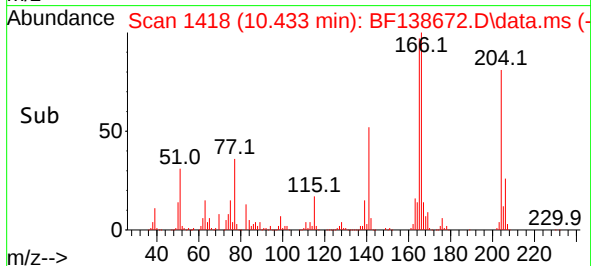
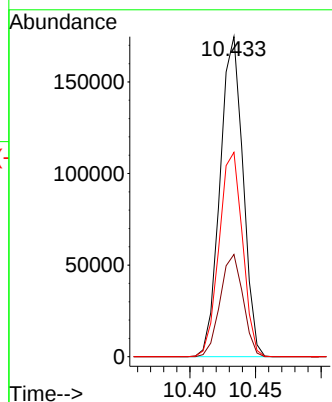
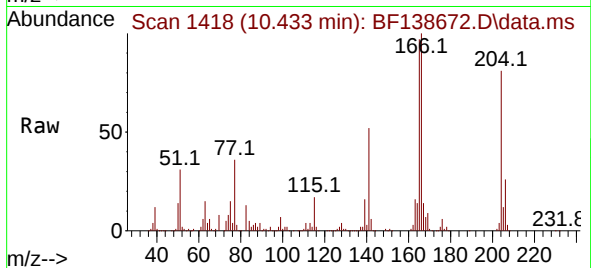




#61
4-Chlorophenyl-phenylether
Concen: 43.170 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

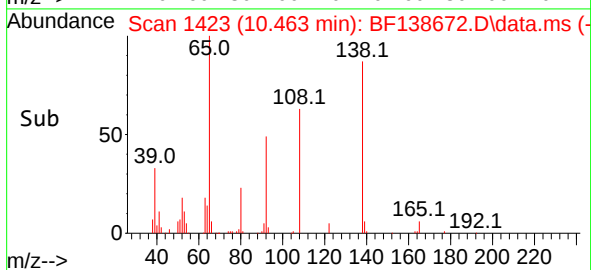
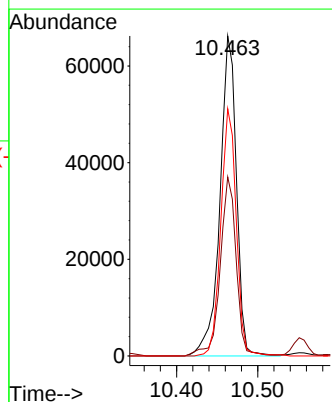
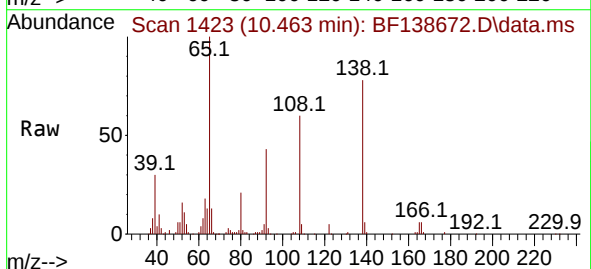
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS

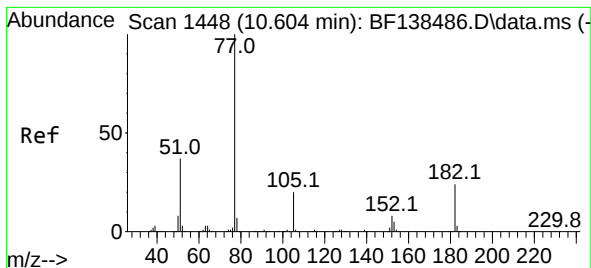
Tgt Ion:204 Resp: 212634
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 63.8 47.7 71.5



#62
4-Nitroaniline
Concen: 38.867 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion:138 Resp: 94009
Ion Ratio Lower Upper
138 100
92 56.0 35.8 75.8
108 77.3 59.8 99.8





#63

Azobenzene

Concen: 44.863 ng

RT: 10.592 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MS

Tgt Ion: 77 Resp: 475601

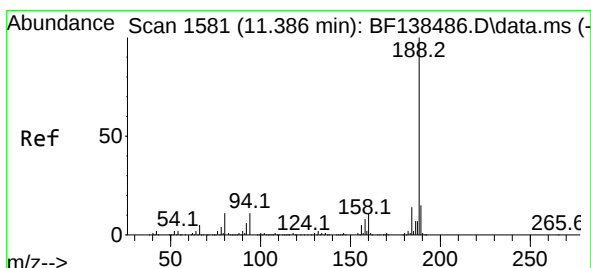
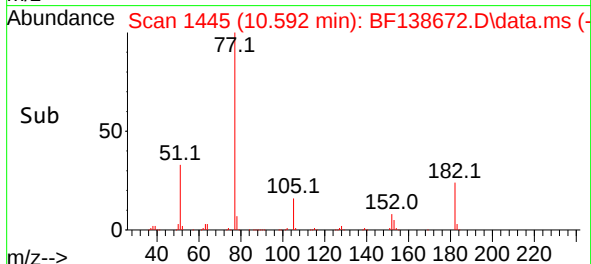
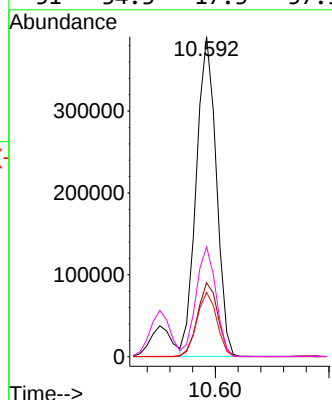
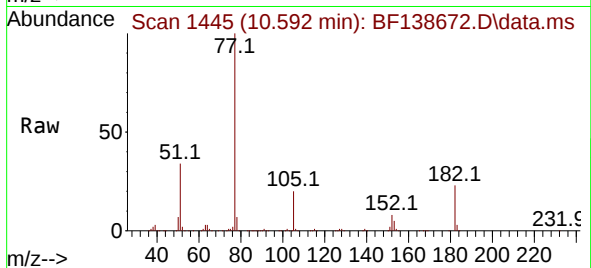
Ion Ratio Lower Upper

77 100

182 23.1 3.8 43.8

105 20.1 0.0 39.8

51 34.3 17.3 57.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1579

Delta R.T. -0.006 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

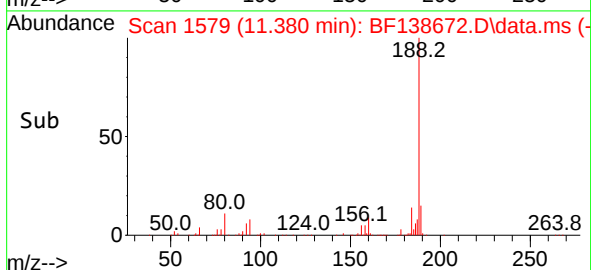
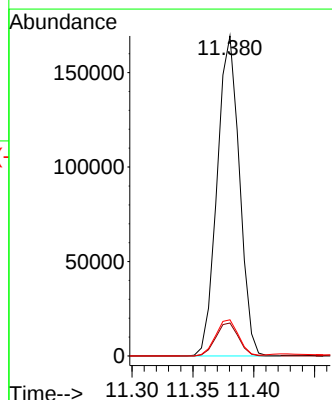
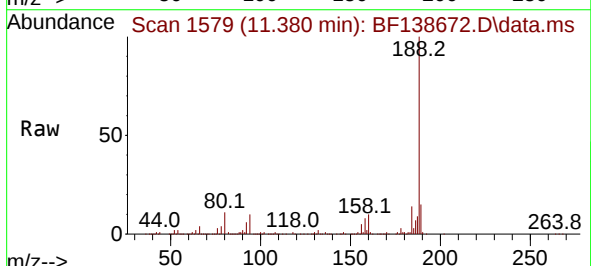
Tgt Ion:188 Resp: 216292

Ion Ratio Lower Upper

188 100

94 10.3 8.7 13.1

80 11.3 9.0 13.4

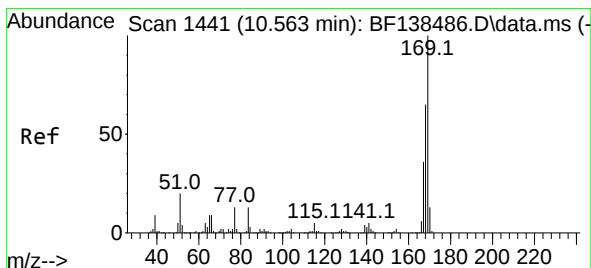
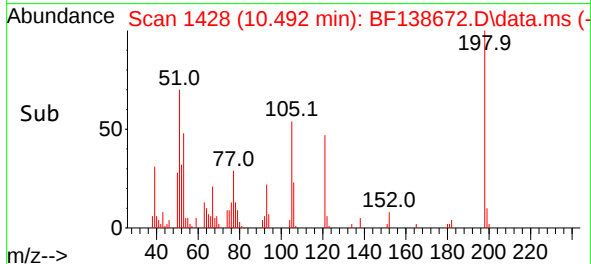
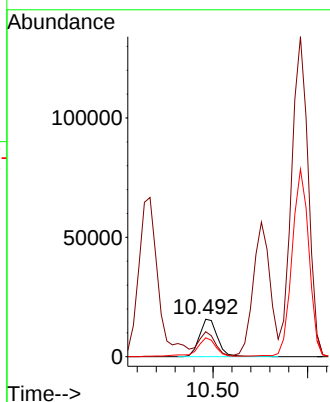
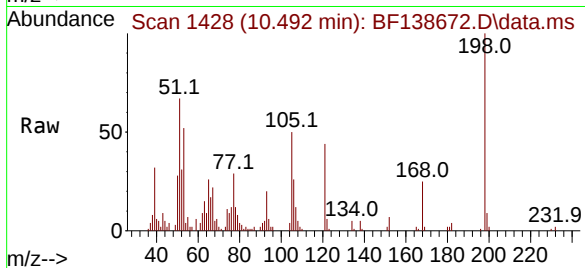




#65
4,6-Dinitro-2-methylphenol
Concen: 16.646 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

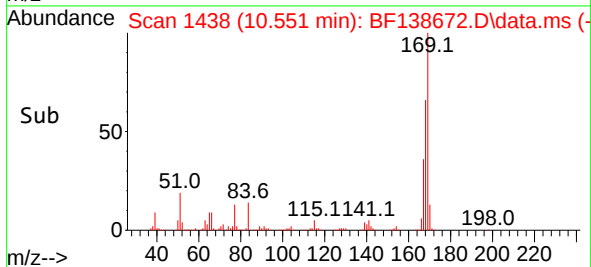
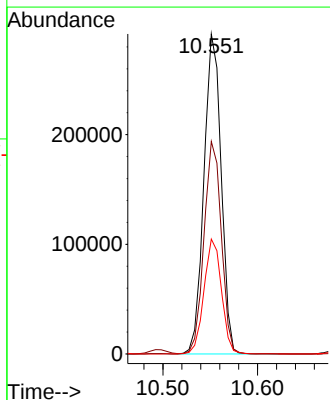
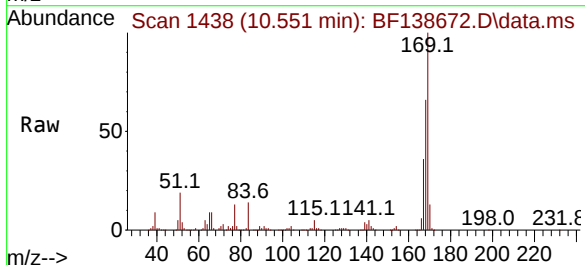
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS

Tgt Ion:198 Resp: 20789
Ion Ratio Lower Upper
198 100
51 66.6 27.2 67.2
105 50.5 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 56.927 ng
RT: 10.551 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion:169 Resp: 368900
Ion Ratio Lower Upper
169 100
168 66.4 51.7 77.5
167 35.9 28.5 42.7

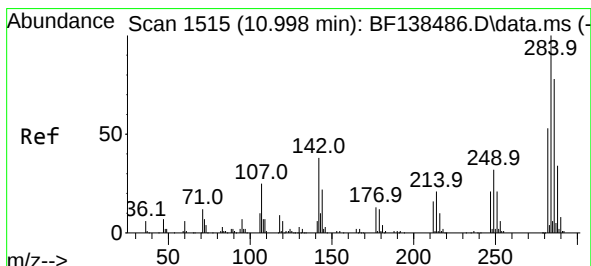
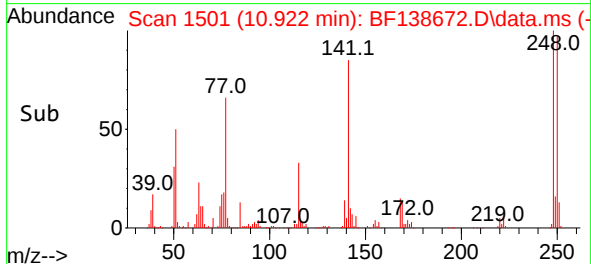
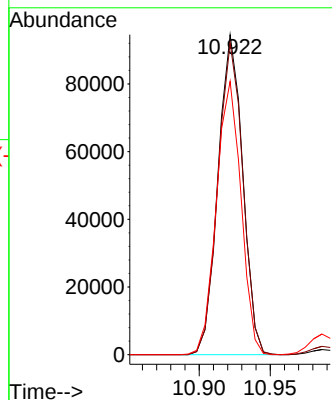
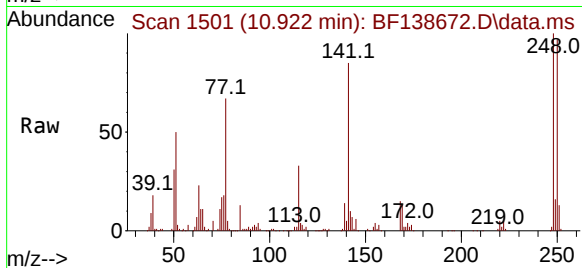




#67
4-Bromophenyl-phenylether
Concen: 51.401 ng
RT: 10.922 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

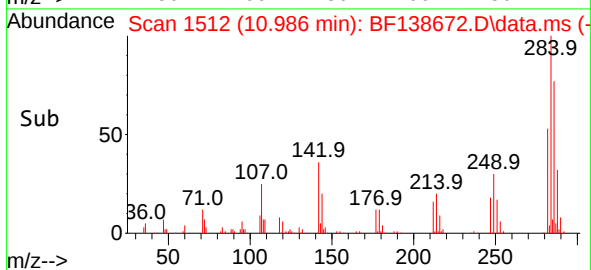
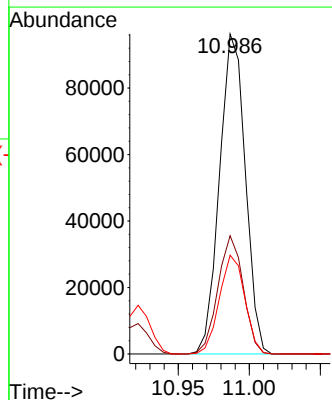
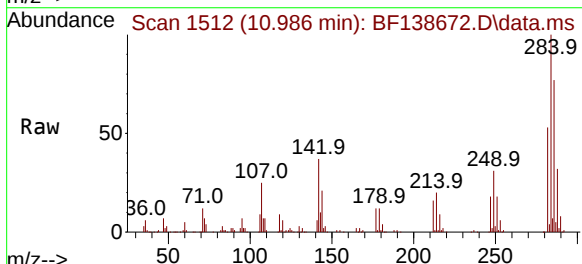
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS

Tgt Ion:248 Resp: 114269
Ion Ratio Lower Upper
248 100
250 97.4 77.9 116.9
141 85.4 67.7 101.5



#68
Hexachlorobenzene
Concen: 49.244 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion:284 Resp: 121617
Ion Ratio Lower Upper
284 100
142 36.9 30.5 45.7
249 30.8 25.9 38.9





#69

Atrazine

Concen: 47.961 ng

RT: 11.081 min Scan# 1528

Delta R.T. -0.012 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MS

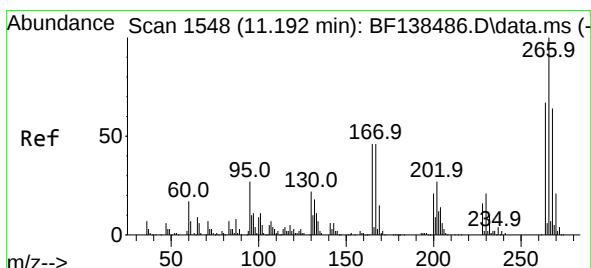
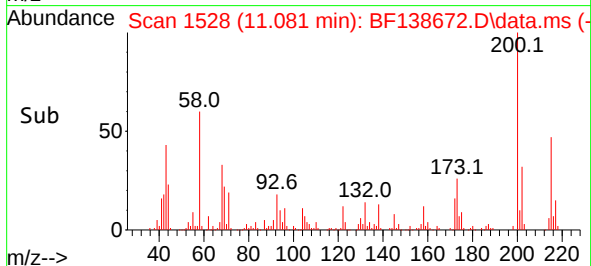
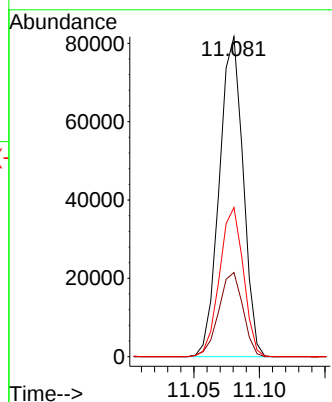
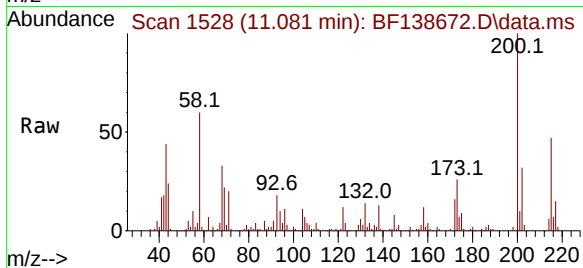
Tgt Ion:200 Resp: 103045

Ion Ratio Lower Upper

200 100

173 26.3 4.1 44.1

215 46.6 26.5 66.5



#70

Pentachlorophenol

Concen: 78.073 ng

RT: 11.186 min Scan# 1546

Delta R.T. -0.006 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

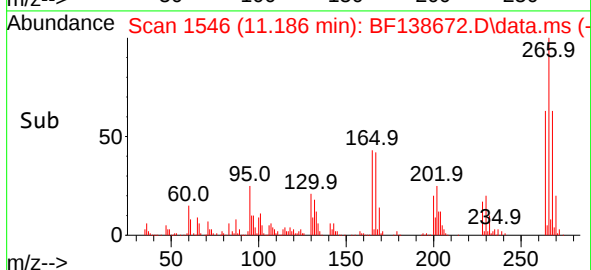
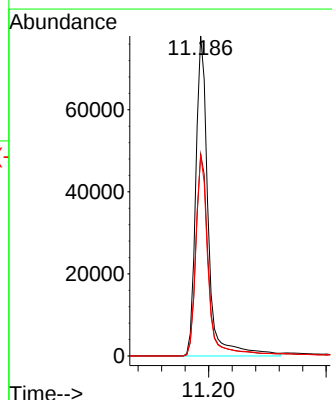
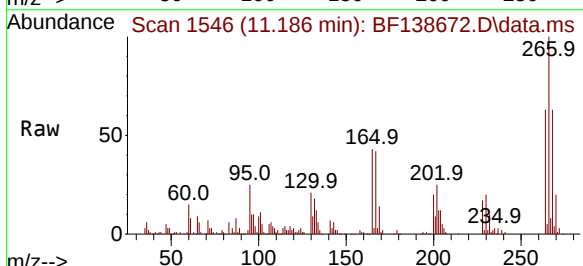
Tgt Ion:266 Resp: 114093

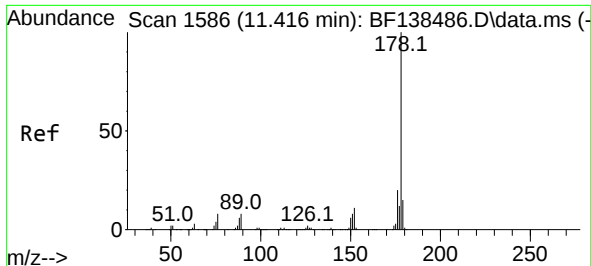
Ion Ratio Lower Upper

266 100

268 63.1 50.9 76.3

264 62.8 53.5 80.3

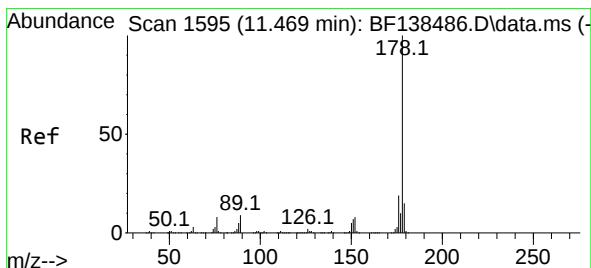
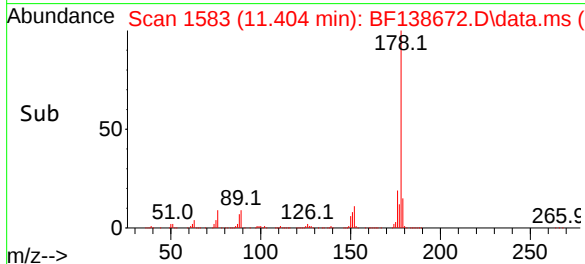
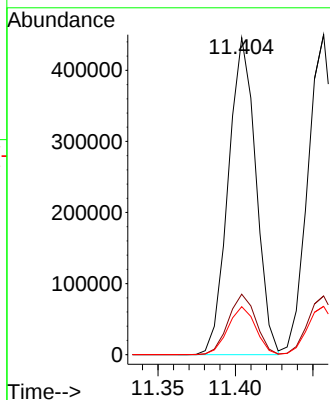
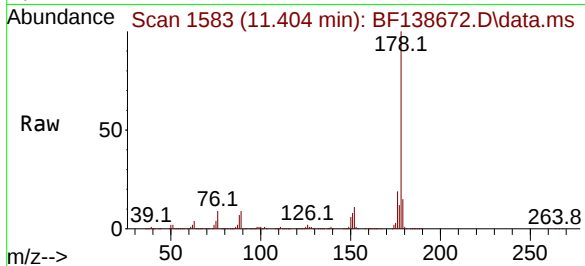




#71
Phenanthrene
Concen: 50.421 ng
RT: 11.404 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

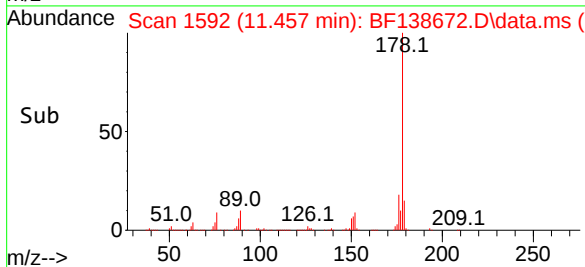
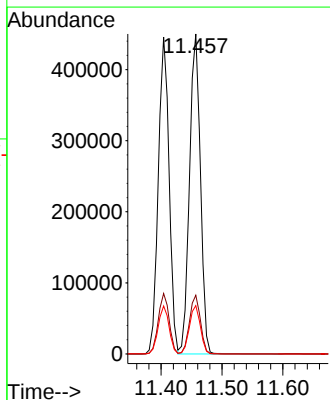
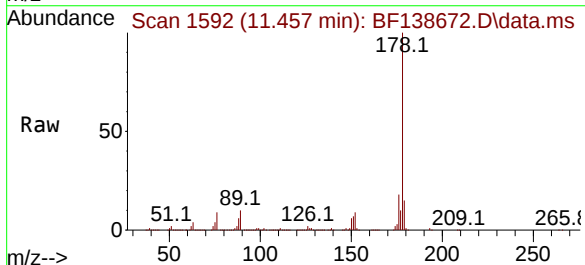
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS

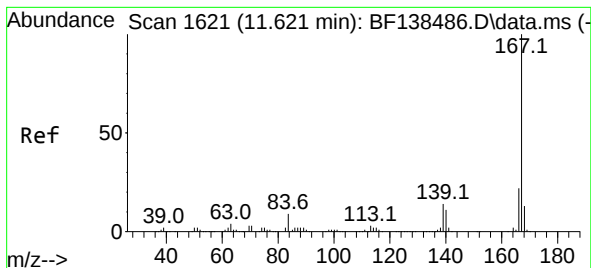
Tgt Ion:178 Resp: 550968
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 15.2 12.2 18.2



#72
Anthracene
Concen: 51.736 ng
RT: 11.457 min Scan# 1592
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion:178 Resp: 561185
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.1 12.2 18.4





#73

Carbazole

Concen: 50.650 ng

RT: 11.610 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MS

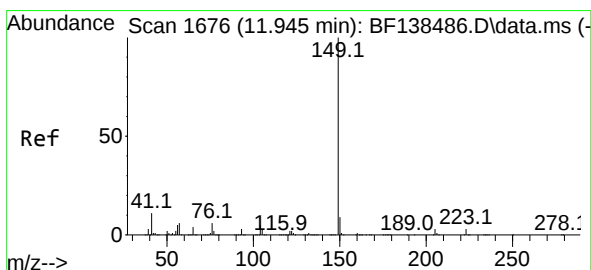
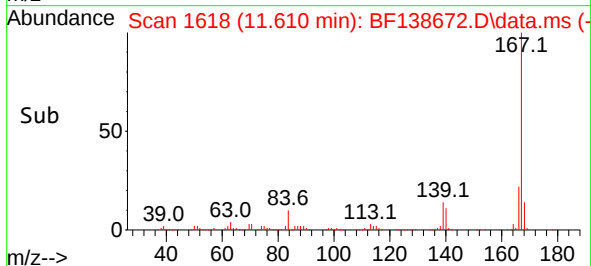
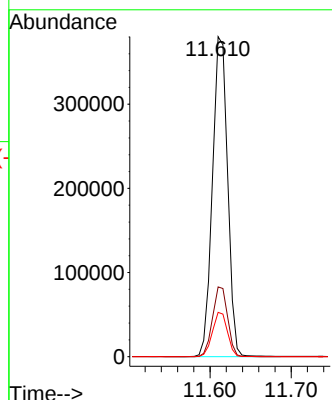
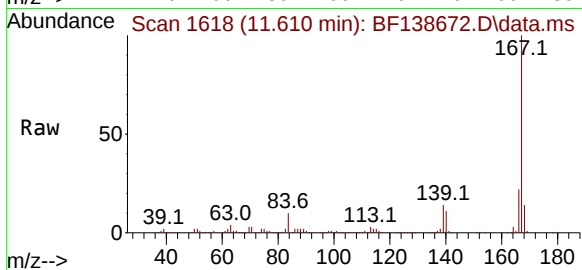
Tgt Ion:167 Resp: 493735

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: 54.855 ng

RT: 11.939 min Scan# 1674

Delta R.T. -0.006 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

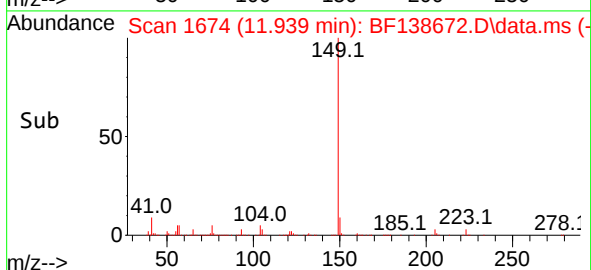
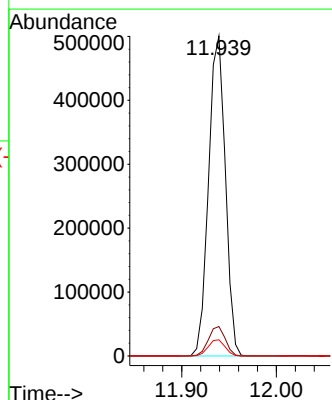
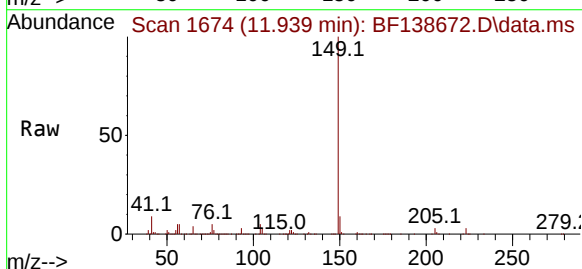
Tgt Ion:149 Resp: 616363

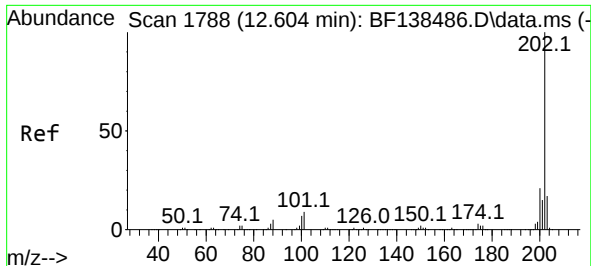
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.1 4.4 6.6

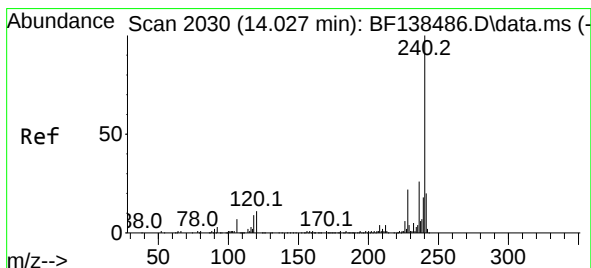
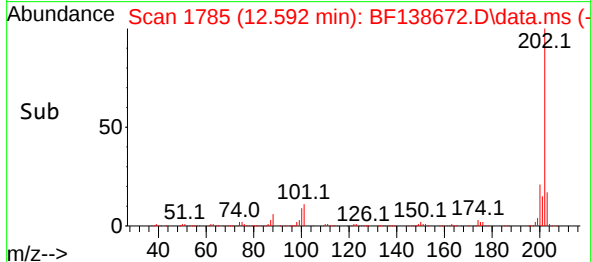
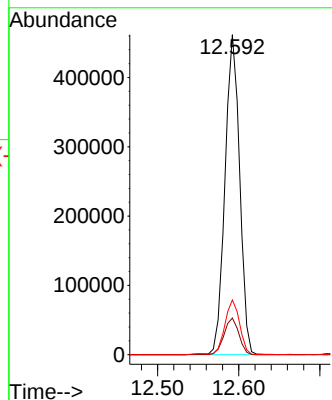
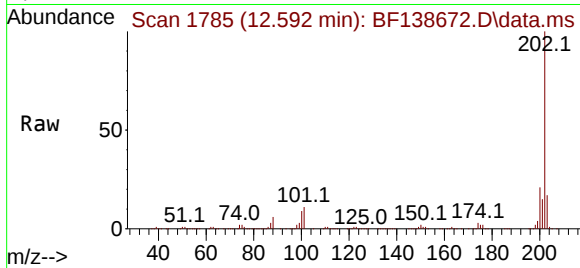




#75
Fluoranthene
Concen: 52.082 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

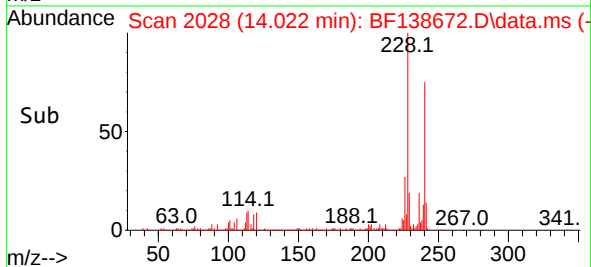
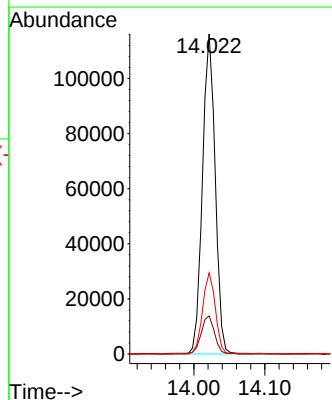
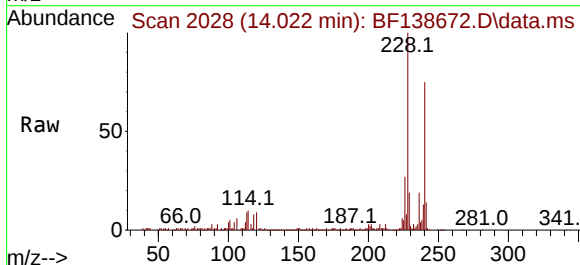
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS

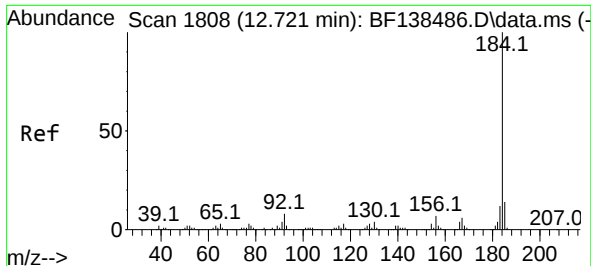
Tgt Ion:202 Resp: 580721
Ion Ratio Lower Upper
202 100
101 11.5 0.0 29.2
203 17.1 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.022 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion:240 Resp: 145285
Ion Ratio Lower Upper
240 100
120 11.9 8.6 12.8
236 25.4 21.0 31.6

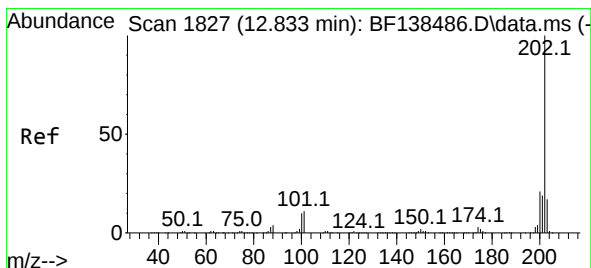
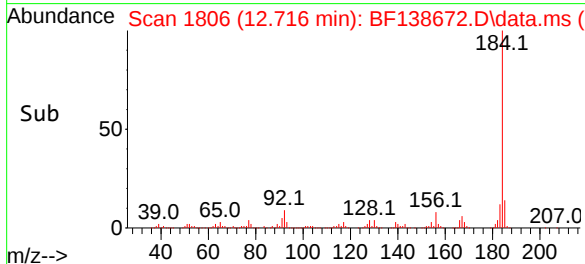
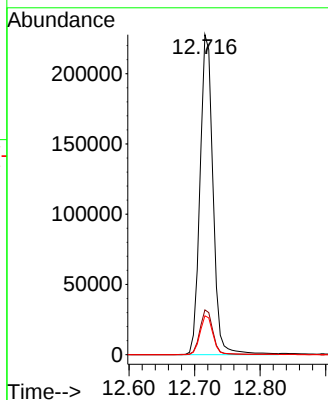
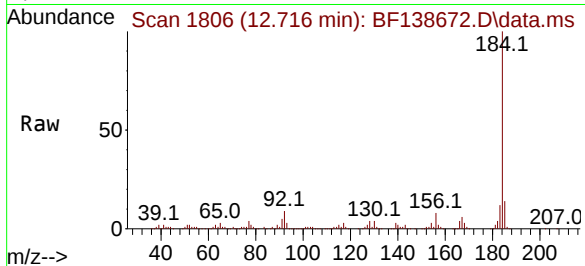




#77
Benzidine
Concen: 85.982 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.005 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

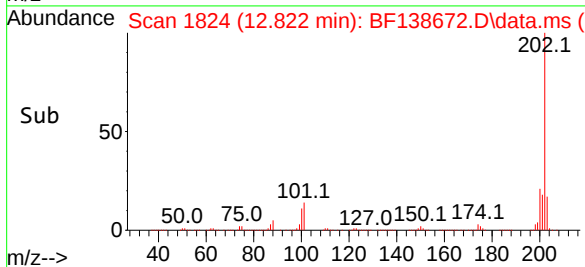
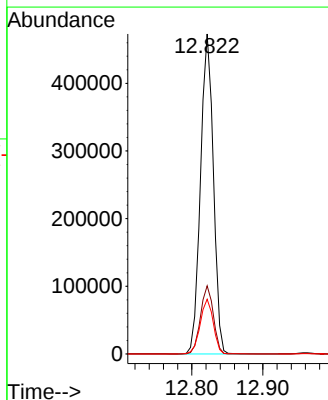
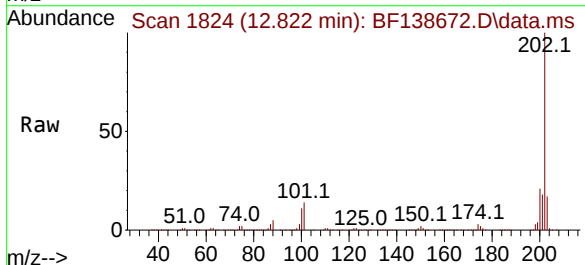
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS

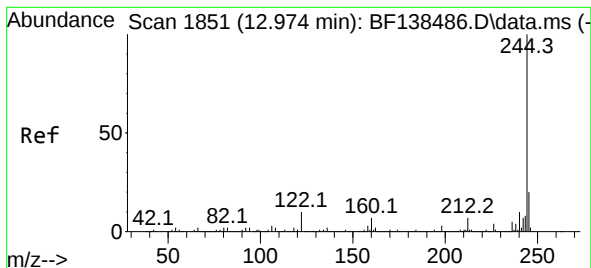
Tgt Ion:184 Resp: 315167
Ion Ratio Lower Upper
184 100
185 14.0 11.3 16.9
183 12.2 9.5 14.3



#78
Pyrene
Concen: 40.544 ng
RT: 12.822 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion:202 Resp: 597963
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.1 13.7 20.5





#79

Terphenyl-d14

Concen: 68.993 ng

RT: 12.963 min Scan# 1848

Delta R.T. -0.012 min

Lab File: BF138672.D

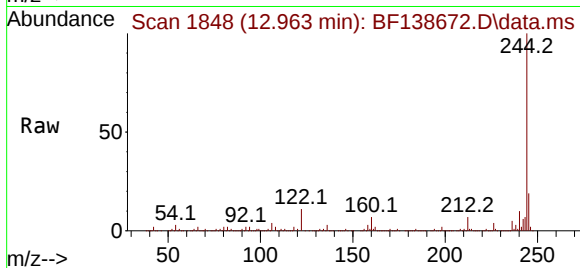
Acq: 29 Jul 2024 16:42

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MS



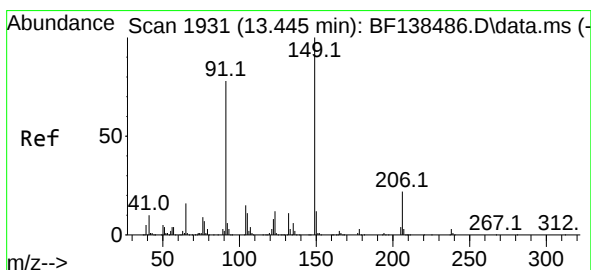
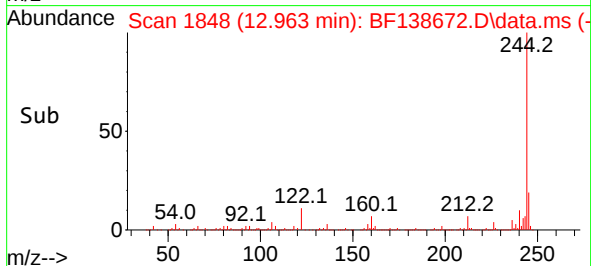
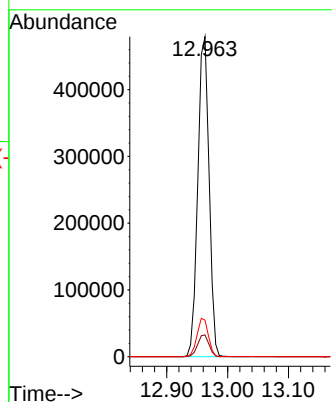
Tgt Ion:244 Resp: 615284

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 11.4 7.8 11.8



#80

Butylbenzylphthalate

Concen: 58.566 ng

RT: 13.439 min Scan# 1929

Delta R.T. -0.006 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

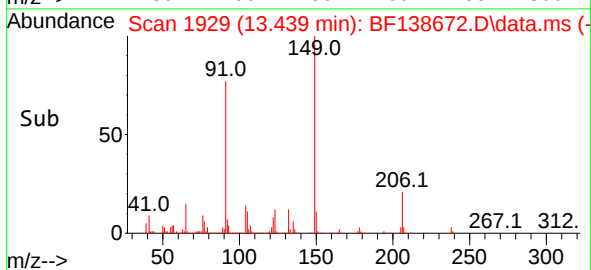
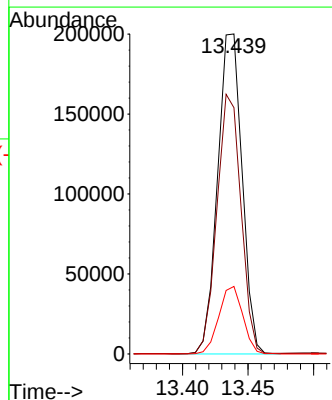
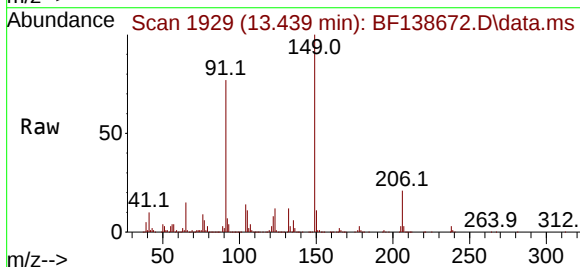
Tgt Ion:149 Resp: 259833

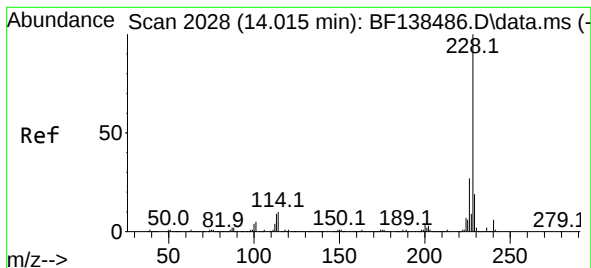
Ion Ratio Lower Upper

149 100

91 76.9 62.1 93.1

206 21.1 18.0 27.0





#81

Benzo(a)anthracene

Concen: 49.590 ng

RT: 14.010 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MS

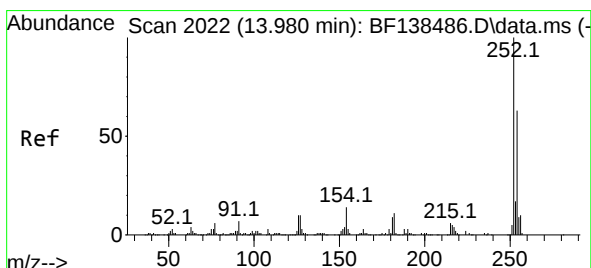
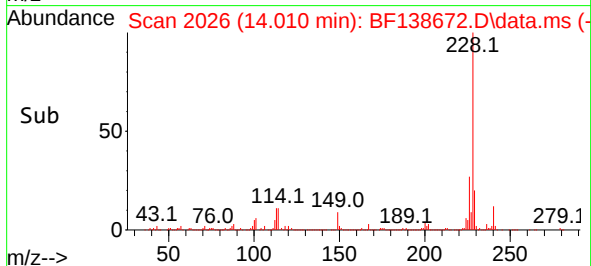
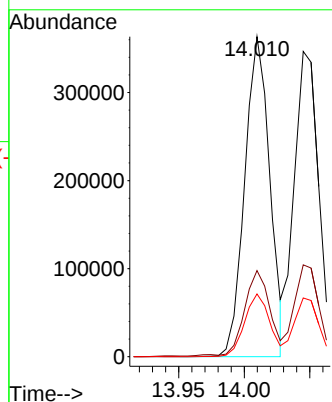
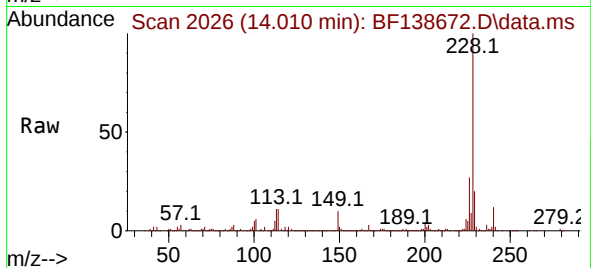
Tgt Ion:228 Resp: 483432

Ion Ratio Lower Upper

228 100

226 26.9 21.9 32.9

229 19.6 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 59.315 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

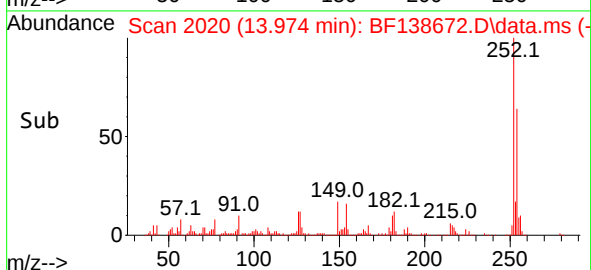
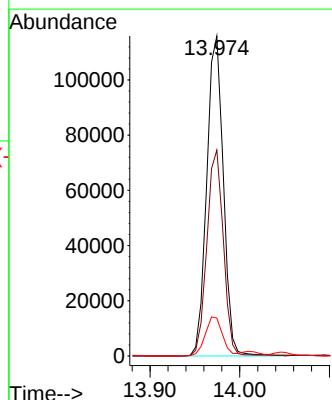
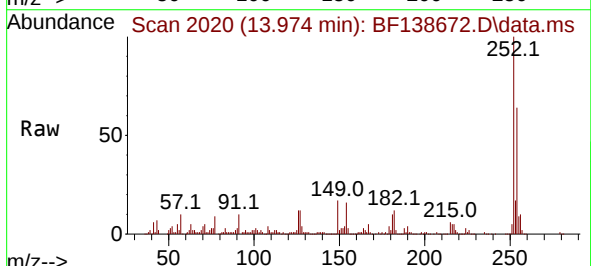
Tgt Ion:252 Resp: 148997

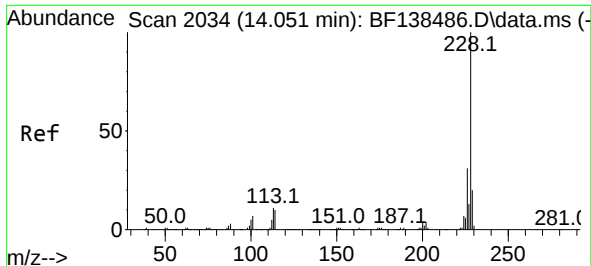
Ion Ratio Lower Upper

252 100

254 64.4 50.3 75.5

126 11.8 8.1 12.1

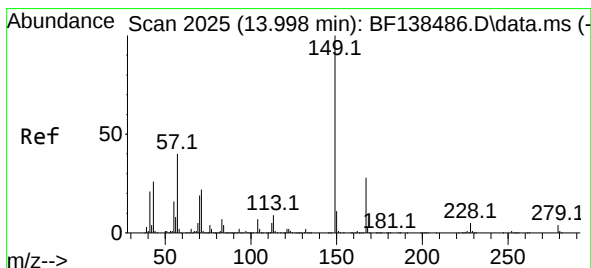
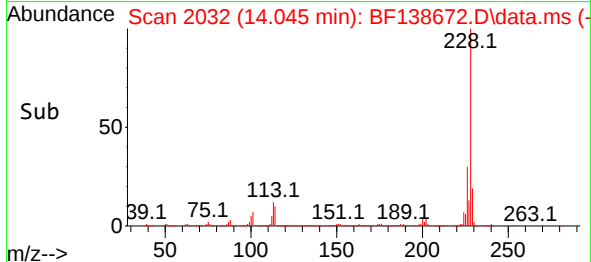
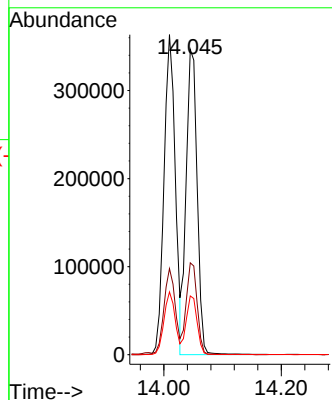
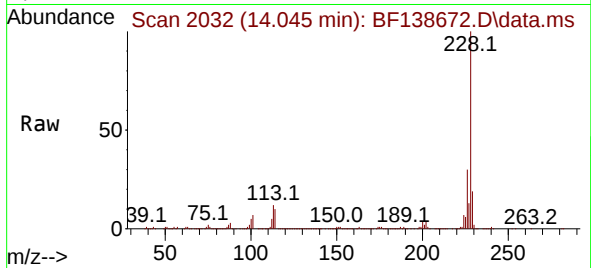




#83
Chrysene
Concen: 48.695 ng
RT: 14.045 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

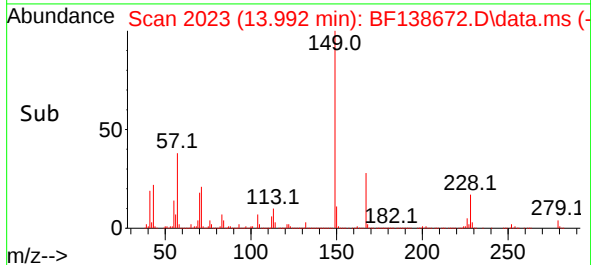
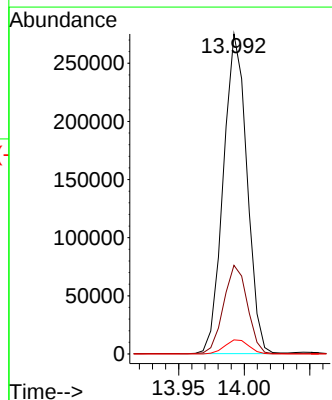
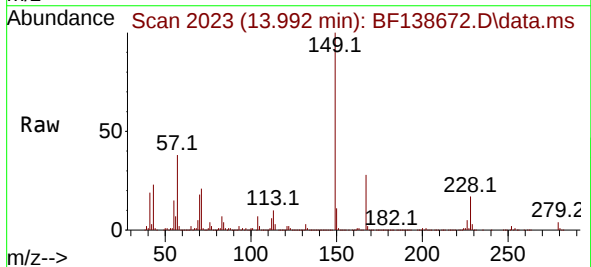
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS

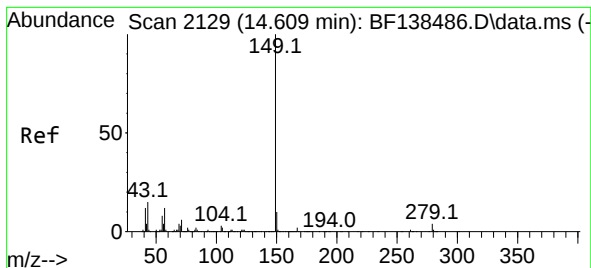
Tgt Ion:228 Resp: 449080
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 19.2 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 72.656 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion:149 Resp: 343785
Ion Ratio Lower Upper
149 100
167 27.7 22.5 33.7
279 4.4 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 71.772 ng

RT: 14.604 min Scan# 2127

Delta R.T. -0.005 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MS

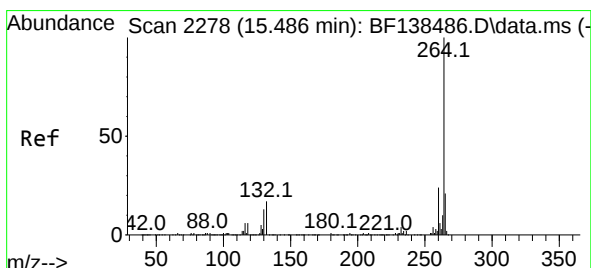
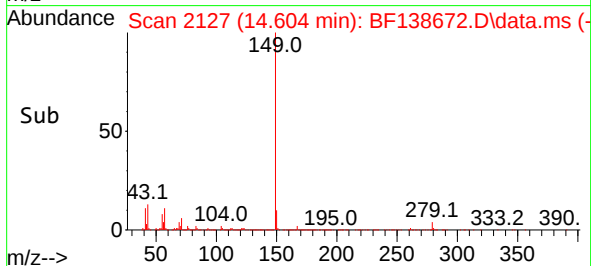
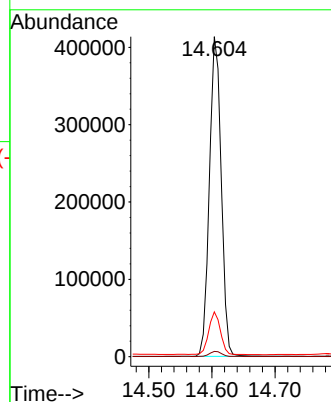
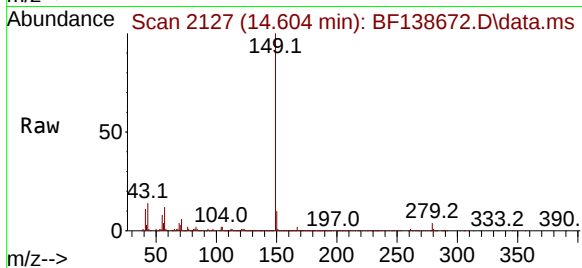
Tgt Ion:149 Resp: 536485

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 13.4 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 2277

Delta R.T. 0.000 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

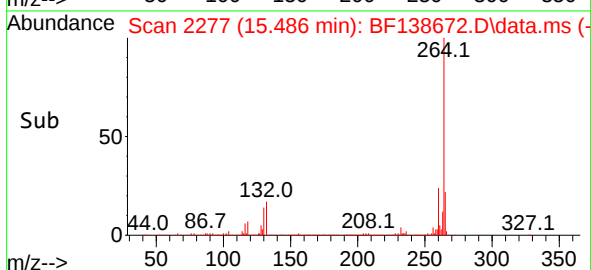
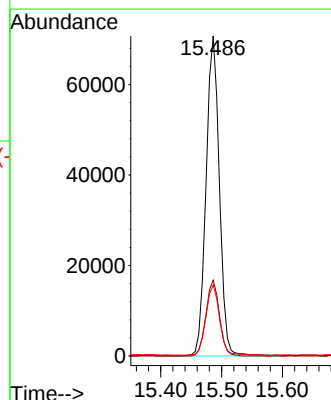
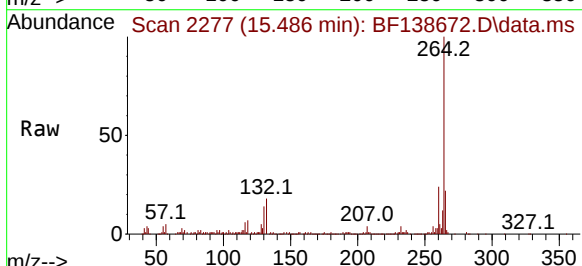
Tgt Ion:264 Resp: 107531

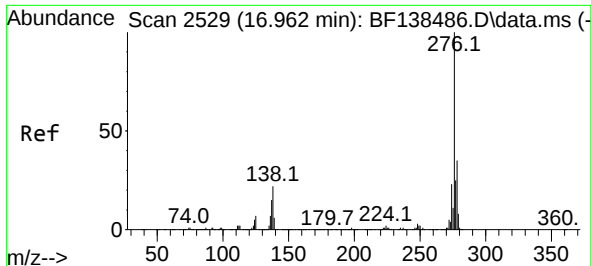
Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 22.2 17.0 25.4

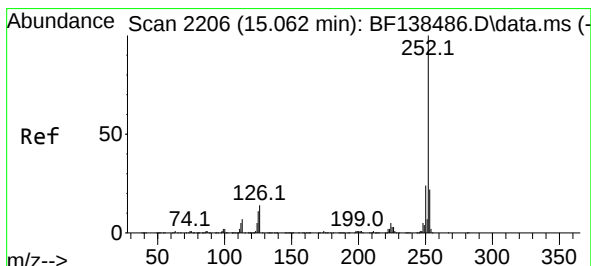
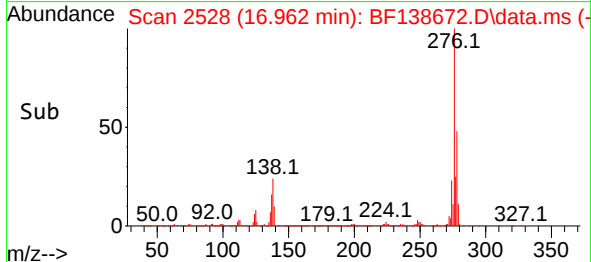
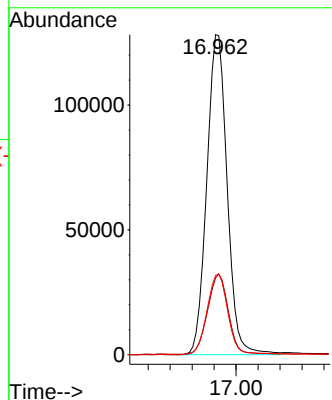
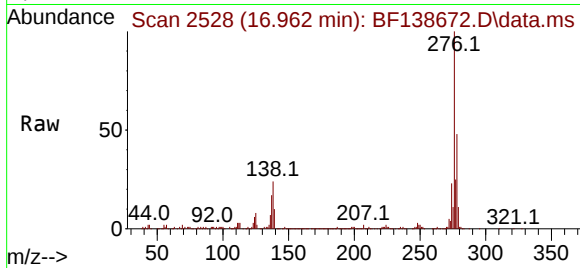




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.679 ng
 RT: 16.962 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF138672.D
 Acq: 29 Jul 2024 16:42

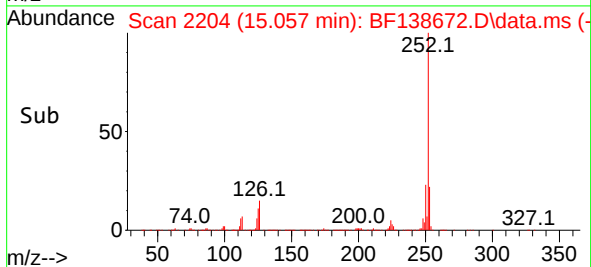
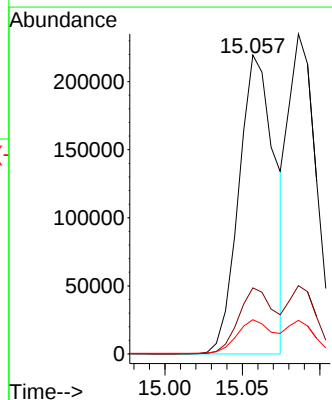
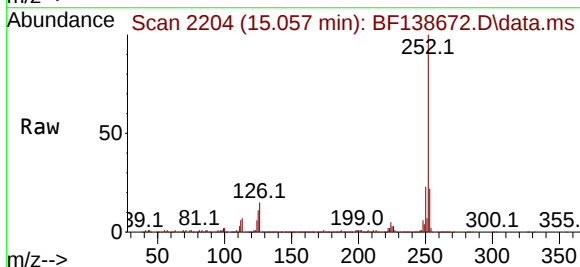
Instrument :
 BNA_F
 ClientSampleId :
 S-852-GI-SO-9.5-10-072624MS

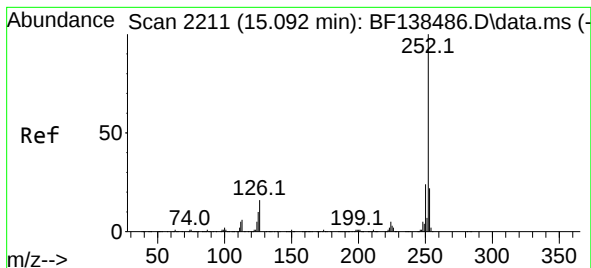
Tgt Ion:276 Resp: 329935
 Ion Ratio Lower Upper
 276 100
 138 25.4 19.6 29.4
 277 26.2 20.5 30.7



#88
 Benzo(b)fluoranthene
 Concen: 58.465 ng
 RT: 15.057 min Scan# 2204
 Delta R.T. -0.006 min
 Lab File: BF138672.D
 Acq: 29 Jul 2024 16:42

Tgt Ion:252 Resp: 354054
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.3 25.9
 125 11.4 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 49.750 ng

RT: 15.086 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MS

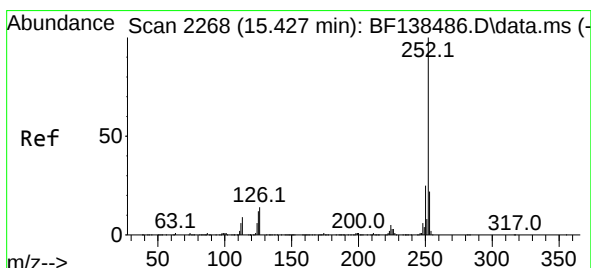
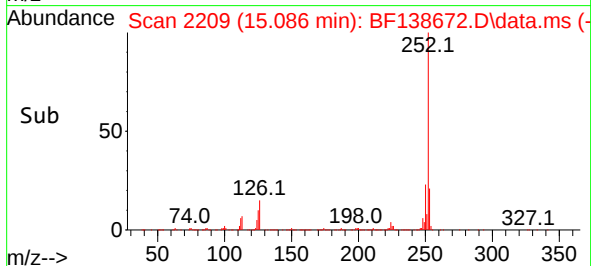
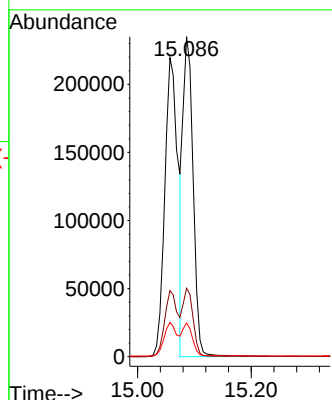
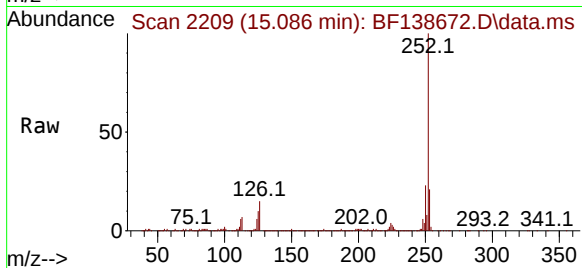
Tgt Ion:252 Resp: 293832

Ion Ratio Lower Upper

252 100

253 21.4 17.7 26.5

125 10.5 8.1 12.1



#90

Benzo(a)pyrene

Concen: 52.031 ng

RT: 15.427 min Scan# 2267

Delta R.T. 0.000 min

Lab File: BF138672.D

Acq: 29 Jul 2024 16:42

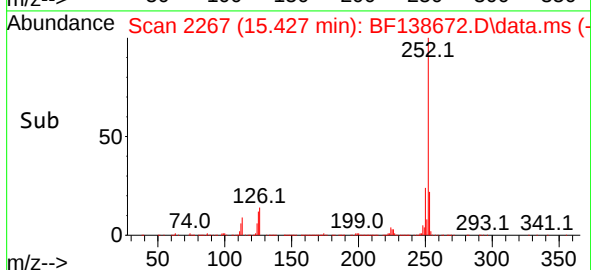
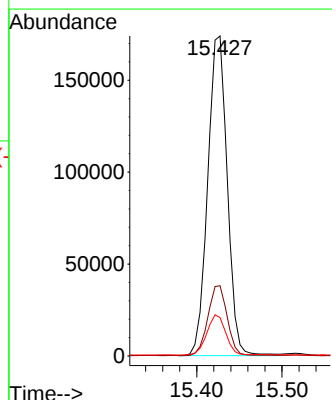
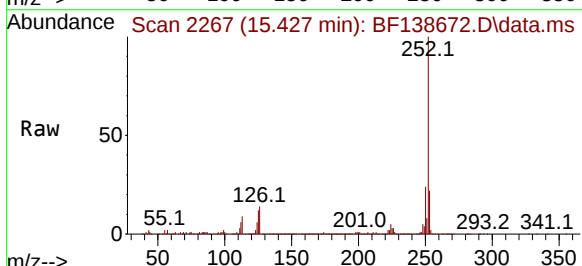
Tgt Ion:252 Resp: 276796

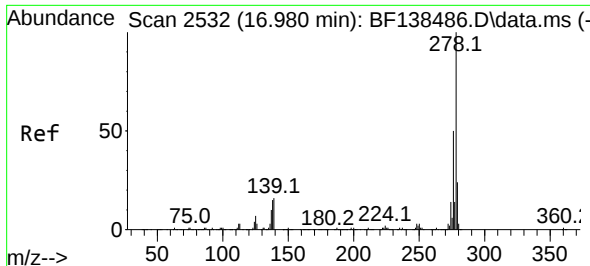
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 12.0 9.4 14.2

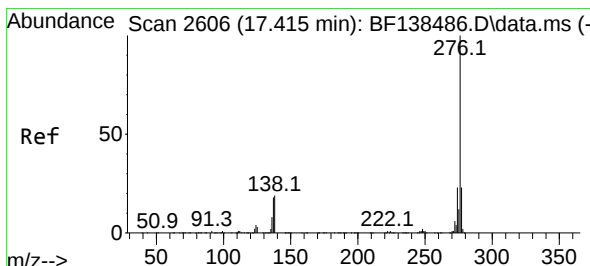
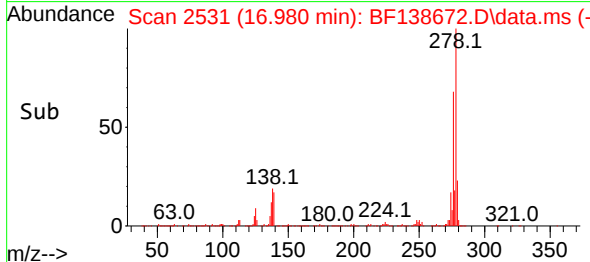
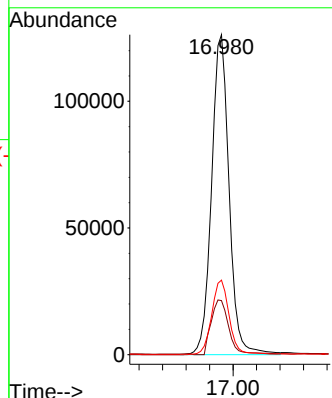
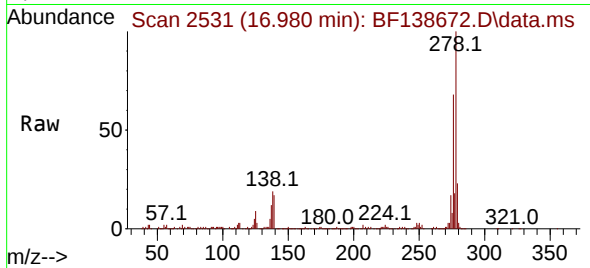




#91
Dibenzo(a,h)anthracene
Concen: 44.239 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS

Tgt Ion:278 Resp: 261380
Ion Ratio Lower Upper
278 100
139 16.9 12.8 19.2
279 23.3 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 40.773 ng
RT: 17.410 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF138672.D
Acq: 29 Jul 2024 16:42

Tgt Ion:276 Resp: 255449
Ion Ratio Lower Upper
276 100
277 23.5 18.0 27.0
138 22.2 15.5 23.3

