

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061724\
 Data File : BF138201.D
 Acq On : 17 Jun 2024 13:33
 Operator : CG\JU
 Sample : PB161511BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161511BS

Quant Time: Jun 17 14:03:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	471853	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1888249	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	1025169	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	1735181	20.000	ng	0.00
76) Chrysene-d12	14.051	240	1006668	20.000	ng	# 0.00
86) Perylene-d12	15.521	264	904722	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	3295008	116.816	ng	0.02
7) Phenol-d6	6.528	99	4153671	116.130	ng	0.00
23) Nitrobenzene-d5	7.463	82	2555381	78.785	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	1160692	113.729	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	4517770	70.075	ng	0.00
79) Terphenyl-d14	13.004	244	4714816	74.180	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.804	88	416392	32.257	ng	100
3) Pyridine	3.546	79	1012113	32.990	ng	98
4) n-Nitrosodimethylamine	3.504	42	597659	42.093	ng	# 93
6) Aniline	6.557	93	898228	25.665	ng	98
8) 2-Chlorophenol	6.681	128	1366270	44.803	ng	97
9) Benzaldehyde	6.445	77	608543	32.034	ng	99
10) Phenol	6.539	94	1617582	44.564	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	1284444	44.214	ng	99
12) 1,3-Dichlorobenzene	6.834	146	1339522	38.651	ng	98
13) 1,4-Dichlorobenzene	6.910	146	1359220	38.972	ng	99
14) 1,2-Dichlorobenzene	7.063	146	1314889	40.160	ng	99
15) Benzyl Alcohol	7.034	79	1116322	46.288	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1782361	43.472	ng	99
17) 2-Methylphenol	7.145	107	1065073	44.267	ng	99
18) Hexachloroethane	7.404	117	490160	41.484	ng	91
19) n-Nitroso-di-n-propyla...	7.310	70	928072	43.774	ng	97
20) 3+4-Methylphenols	7.298	107	1270555	41.955	ng	96
22) Acetophenone	7.304	105	1754019	40.663	ng	95
24) Nitrobenzene	7.481	77	1363952	40.687	ng	94
25) Isophorone	7.716	82	2523497	43.013	ng	99
26) 2-Nitrophenol	7.792	139	650133	48.230	ng	96
27) 2,4-Dimethylphenol	7.828	122	984654	48.013	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	1570973	42.776	ng	100
29) 2,4-Dichlorophenol	8.033	162	1105853	41.883	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	1212157	38.928	ng	98
31) Naphthalene	8.198	128	3611541	38.680	ng	99
32) Benzoic acid	7.957	122	805244	44.550	ng	98
33) 4-Chloroaniline	8.245	127	738635	21.166	ng	99
34) Hexachlorobutadiene	8.316	225	677422	37.198	ng	98
35) Caprolactam	8.622	113	195317	24.503	ng	99
36) 4-Chloro-3-methylphenol	8.728	107	1162610	44.224	ng	96
37) 2-Methylnaphthalene	8.886	142	2447195	39.936	ng	99
38) 1-Methylnaphthalene	8.986	142	2278734	37.948	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	1156358	38.600	ng	99
41) Hexachlorocyclopentadiene	9.039	237	936088	95.830	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	811095	43.241	ng	99

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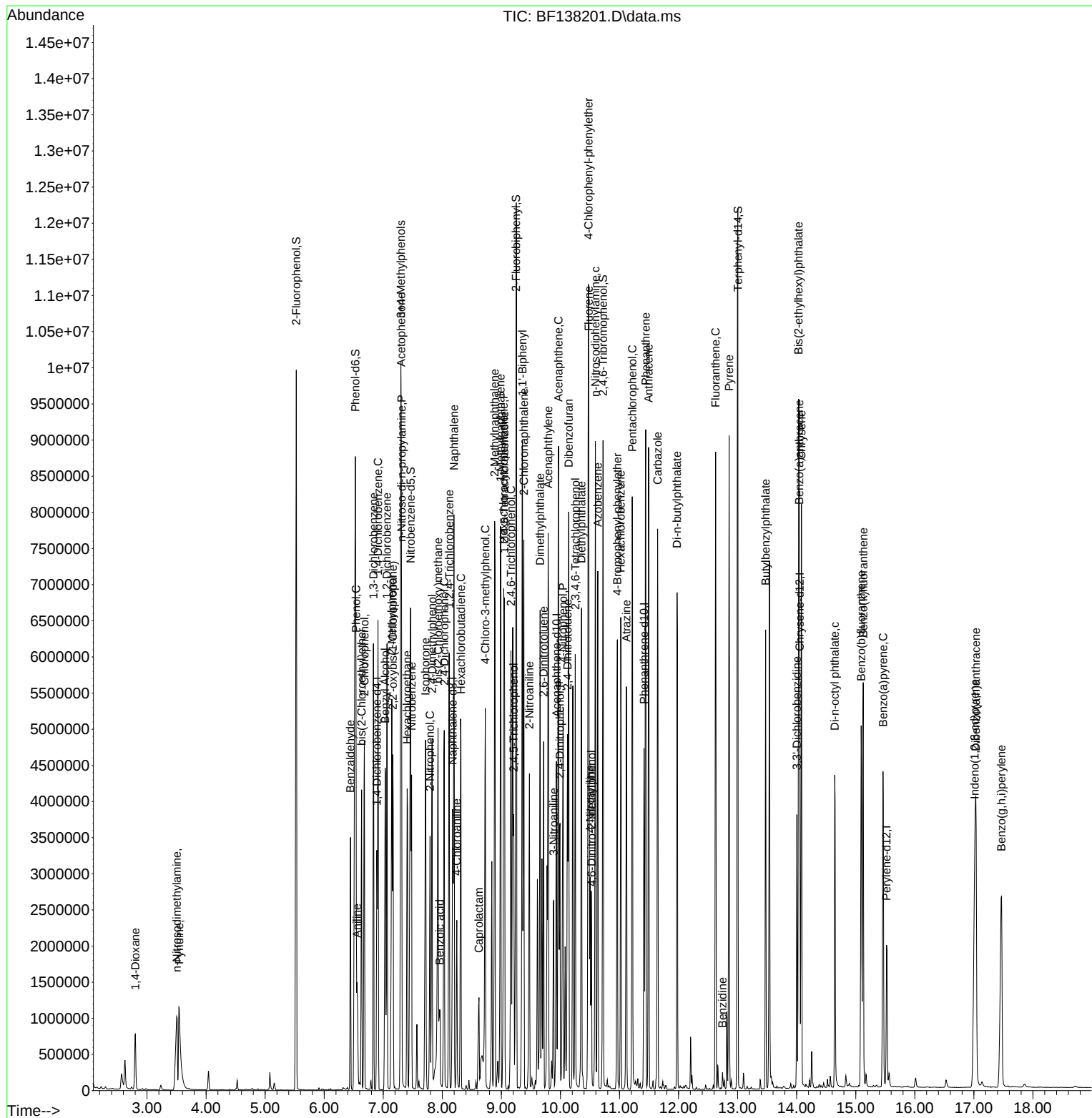
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	847168	41.126	ng	99
46) 1,1'-Biphenyl	9.357	154	2958951	39.334	ng	99
47) 2-Chloronaphthalene	9.380	162	2322418	39.064	ng	99
48) 2-Nitroaniline	9.475	65	690067	48.198	ng	97
49) Acenaphthylene	9.792	152	3485352	41.808	ng	99
50) Dimethylphthalate	9.657	163	2669784	42.504	ng	99
51) 2,6-Dinitrotoluene	9.716	165	601025	44.106	ng	96
52) Acenaphthene	9.969	154	2429837	42.744	ng	99
53) 3-Nitroaniline	9.886	138	472975	32.491	ng	94
54) 2,4-Dinitrophenol	9.992	184	558057	80.437	ng	91
55) Dibenzofuran	10.139	168	3180337	40.020	ng	98
56) 4-Nitrophenol	10.045	139	1061427	92.267	ng	97
57) 2,4-Dinitrotoluene	10.122	165	802449	47.745	ng	92
58) Fluorene	10.480	166	2390496	38.259	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	696880	43.287	ng	98
60) Diethylphthalate	10.357	149	2554104	42.843	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	1198480	38.514	ng	97
62) 4-Nitroaniline	10.504	138	607282	41.753	ng	99
63) Azobenzene	10.633	77	2521599	42.220	ng	96
65) 4,6-Dinitro-2-methylph...	10.527	198	379116	43.618	ng	79
66) n-Nitrosodiphenylamine	10.592	169	2178375	41.006	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	793336	40.575	ng	94
68) Hexachlorobenzene	11.022	284	901886	39.526	ng	95
69) Atrazine	11.116	200	712352	47.079	ng	99
70) Pentachlorophenol	11.216	266	1049842	78.891	ng	98
71) Phenanthrene	11.445	178	3428319	39.952	ng	99
72) Anthracene	11.492	178	3463814	40.656	ng	98
73) Carbazole	11.645	167	3188290	40.801	ng	99
74) Di-n-butylphthalate	11.974	149	3519802	43.510	ng	99
75) Fluoranthene	12.627	202	3479029	39.759	ng	96
77) Benzidine	12.745	184	84164	7.228	ng	98
78) Pyrene	12.857	202	3528458	40.636	ng	99
80) Butylbenzylphthalate	13.474	149	1263292	53.487	ng	95
81) Benzo(a)anthracene	14.045	228	2743920	42.487	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	711808	40.023	ng	98
83) Chrysene	14.080	228	2613577	42.457	ng	98
84) Bis(2-ethylhexyl)phtha...	14.033	149	1527538	55.607	ng	99
85) Di-n-octyl phthalate	14.645	149	2220805	54.419	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	2910880	49.354	ng	98
88) Benzo(b)fluoranthene	15.092	252	2540663	47.620	ng	98
89) Benzo(k)fluoranthene	15.127	252	2385788	45.629	ng	99
90) Benzo(a)pyrene	15.462	252	2238438	48.837	ng	# 98
91) Dibenzo(a,h)anthracene	17.033	278	2414185	49.869	ng	99
92) Benzo(g,h,i)perylene	17.468	276	2341482	46.754	ng	98

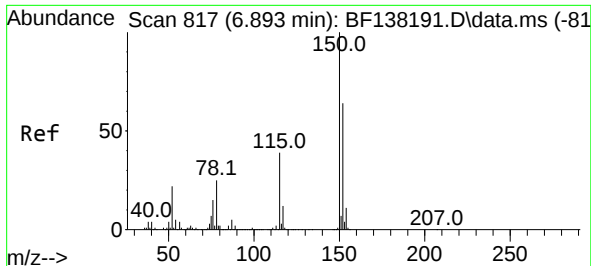
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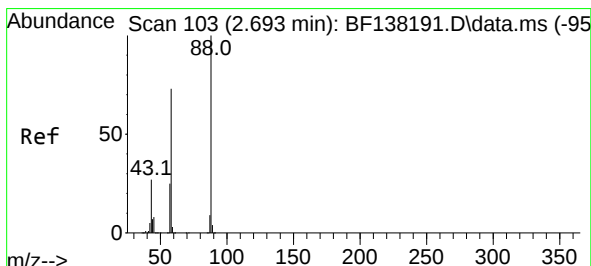
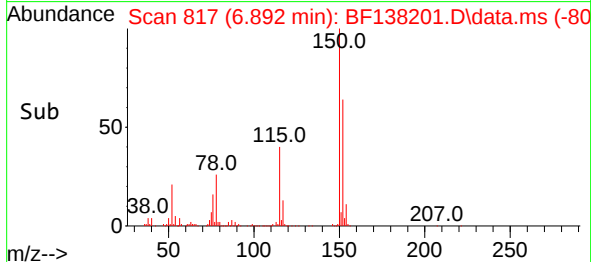
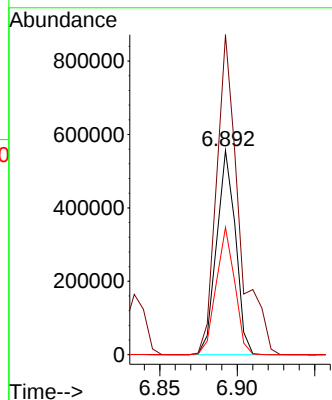
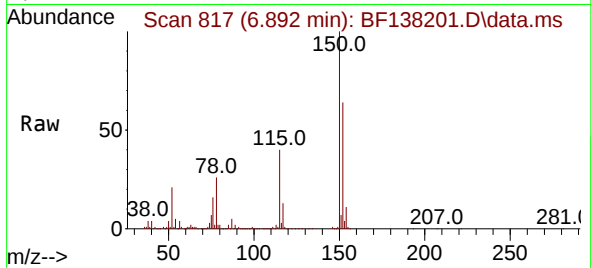




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BF138201.D
 Acq: 17 Jun 2024 13:33

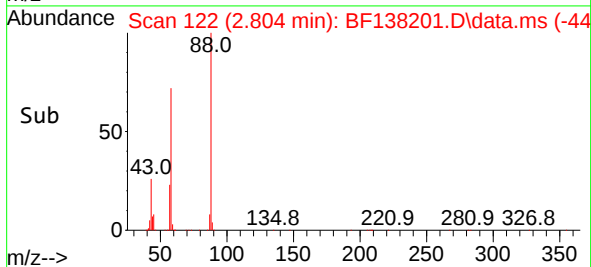
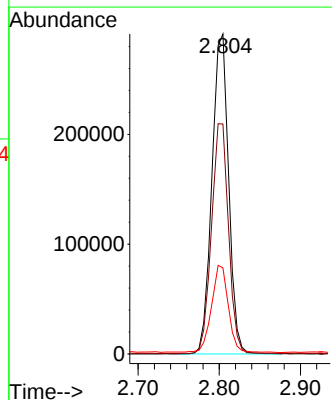
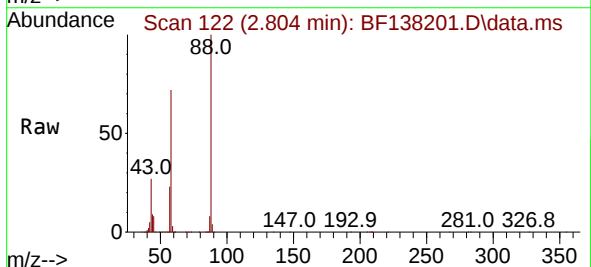
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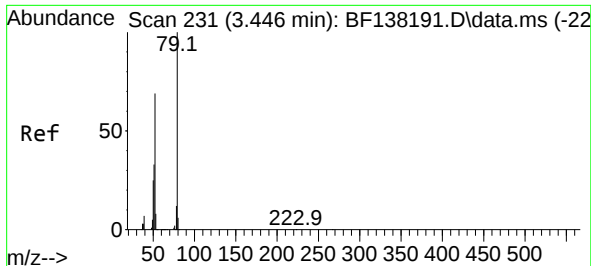
Tgt Ion:152 Resp: 471853
 Ion Ratio Lower Upper
 152 100
 150 156.8 125.0 187.4
 115 62.3 48.4 72.6



#2
 1,4-Dioxane
 Concen: 32.257 ng
 RT: 2.804 min Scan# 122
 Delta R.T. 0.112 min
 Lab File: BF138201.D
 Acq: 17 Jun 2024 13:33

Tgt Ion: 88 Resp: 416392
 Ion Ratio Lower Upper
 88 100
 58 73.1 58.6 87.8
 43 27.5 22.4 33.6

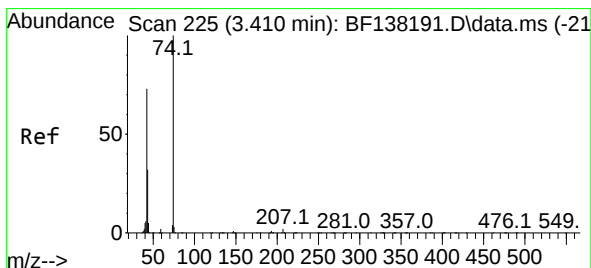
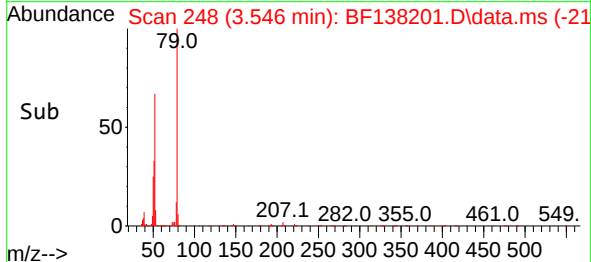
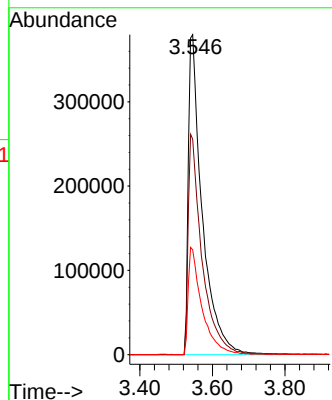
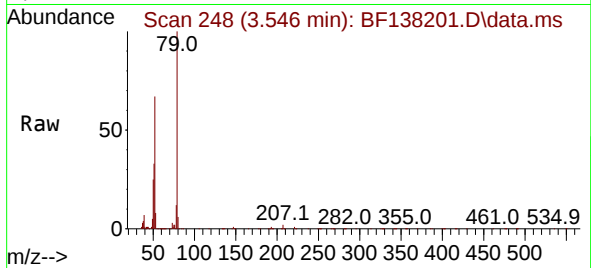




#3
Pyridine
Concen: 32.990 ng
RT: 3.546 min Scan# 241
Delta R.T. 0.100 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

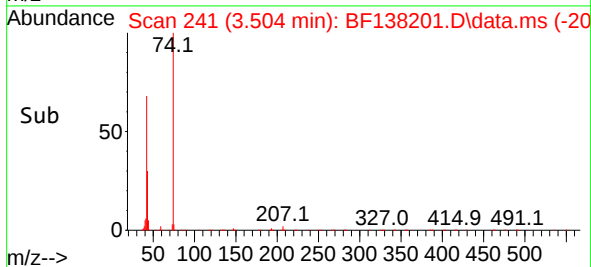
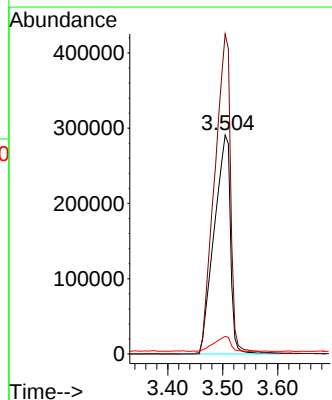
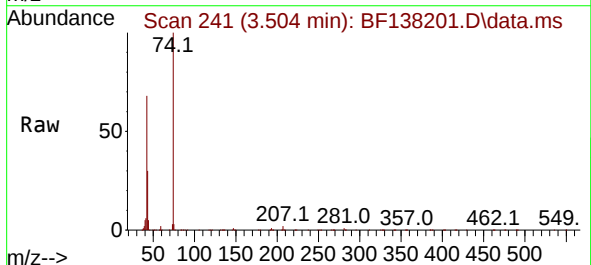
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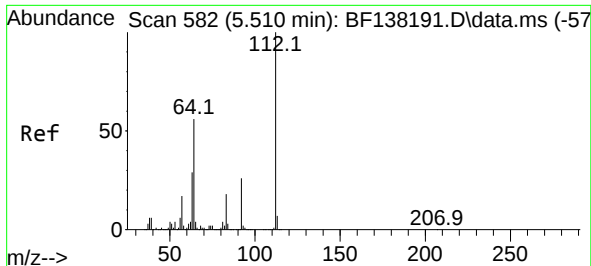
Tgt Ion: 79 Resp: 1012113
Ion Ratio Lower Upper
79 100
52 67.3 55.0 82.4
51 32.7 26.9 40.3



#4
n-Nitrosodimethylamine
Concen: 42.093 ng
RT: 3.504 min Scan# 241
Delta R.T. 0.094 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

Tgt Ion: 42 Resp: 597659
Ion Ratio Lower Upper
42 100
74 146.2 109.9 164.9
44 8.0 5.2 7.8#

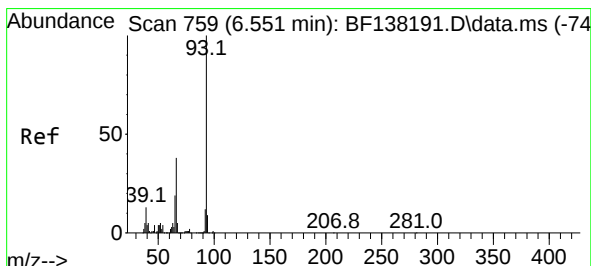
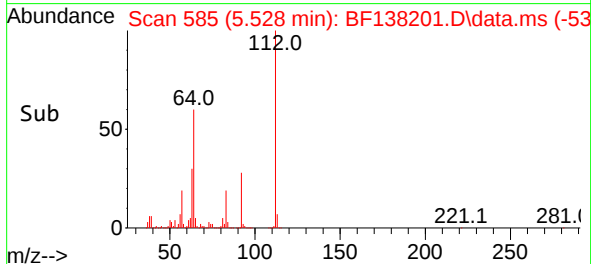
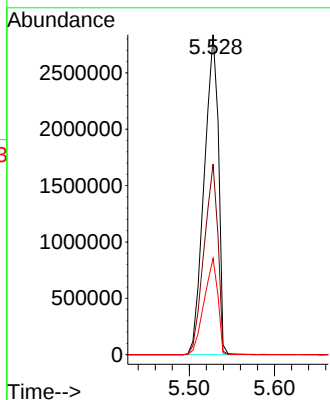
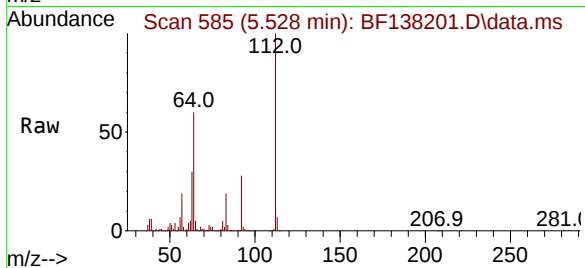




#5
2-Fluorophenol
Concen: 116.816 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

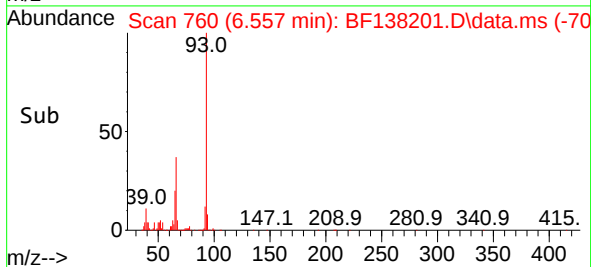
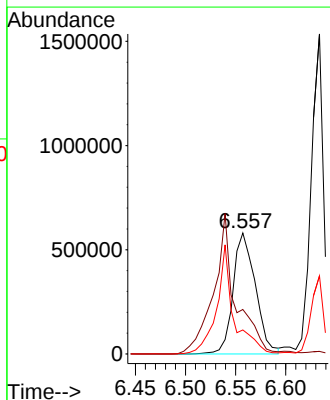
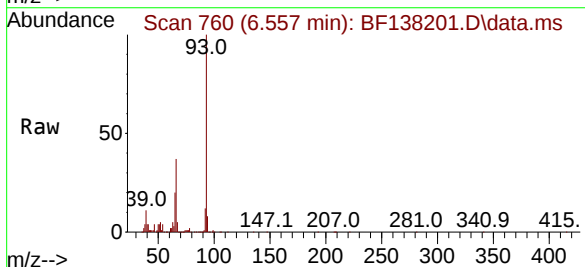
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 3295008
Ion Ratio Lower Upper
112 100
64 59.5 45.2 67.8
63 30.1 22.9 34.3



#6
Aniline
Concen: 25.665 ng
RT: 6.557 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

Tgt Ion: 93 Resp: 898228
Ion Ratio Lower Upper
93 100
66 36.9 30.8 46.2
65 19.8 15.5 23.3

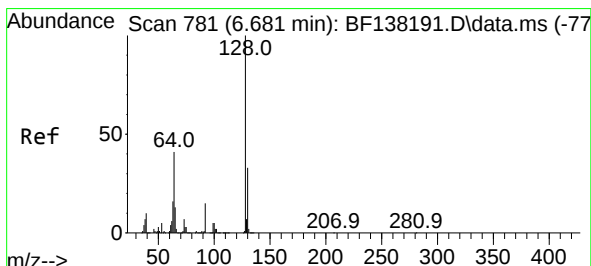
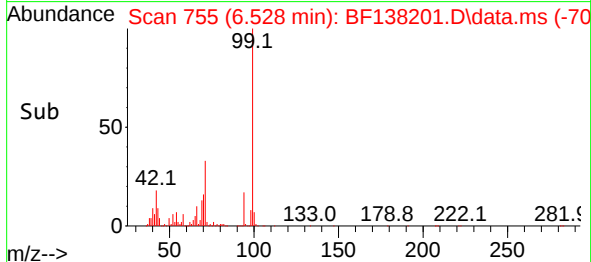
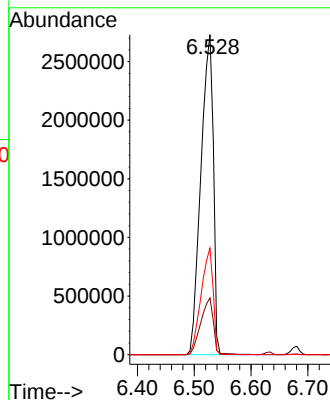
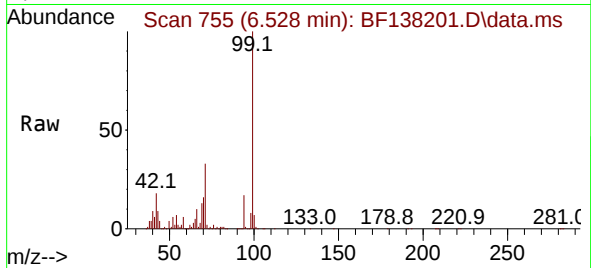




#7
Phenol-d6
Concen: 116.130 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

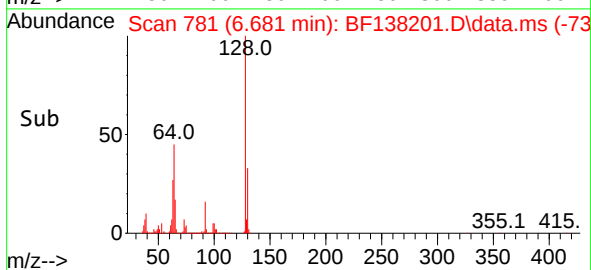
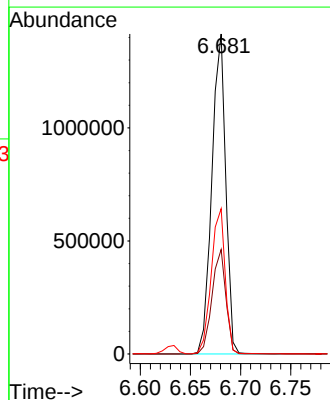
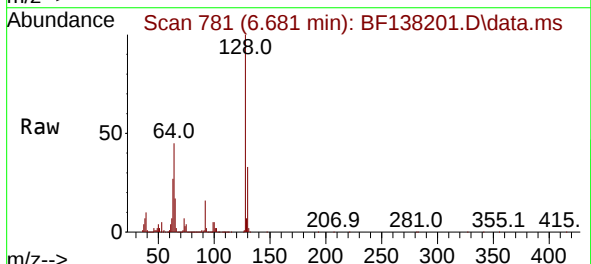
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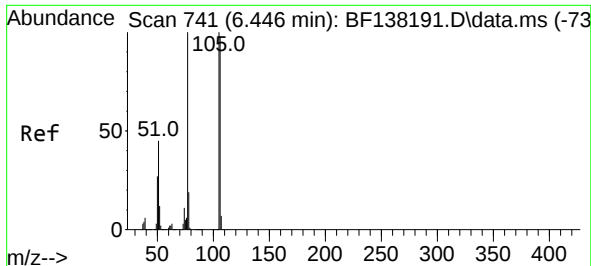
Tgt Ion: 99 Resp: 4153671
Ion Ratio Lower Upper
99 100
42 17.8 13.7 20.5
71 33.3 25.0 37.6



#8
2-Chlorophenol
Concen: 44.803 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

Tgt Ion: 128 Resp: 1366270
Ion Ratio Lower Upper
128 100
130 32.7 13.1 53.1
64 45.4 21.8 61.8





#9

Benzaldehyde

Concen: 32.034 ng

RT: 6.445 min Scan# 741

Delta R.T. -0.001 min

Lab File: BF138201.D

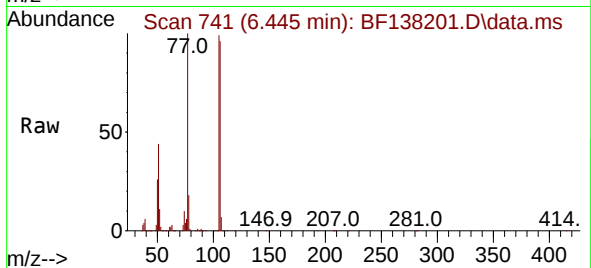
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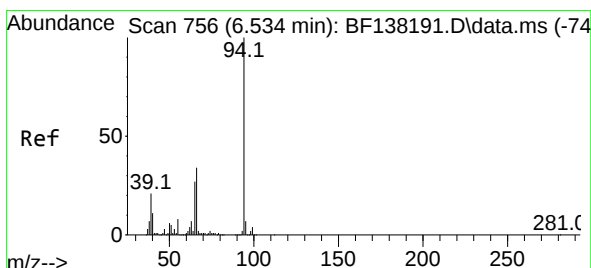
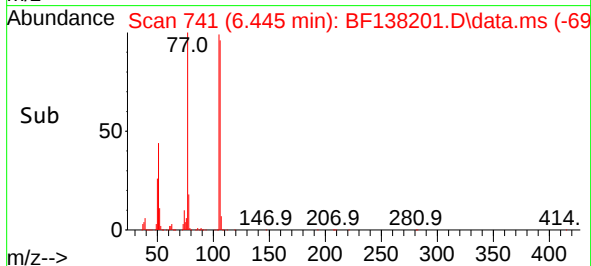
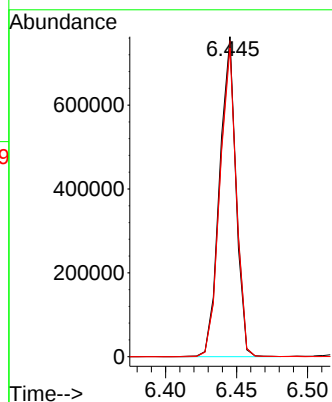
Tgt Ion: 77 Resp: 608543

Ion Ratio Lower Upper

77 100

105 98.8 80.1 120.1

106 96.4 77.8 117.8



#10

Phenol

Concen: 44.564 ng

RT: 6.539 min Scan# 757

Delta R.T. 0.006 min

Lab File: BF138201.D

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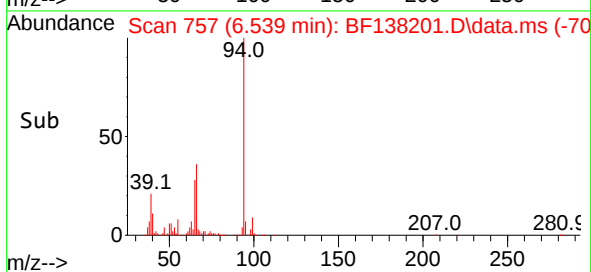
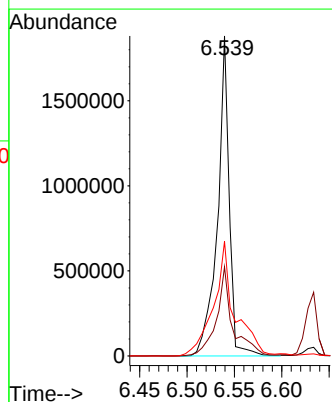
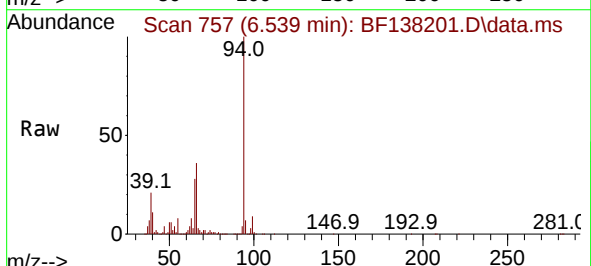
Tgt Ion: 94 Resp: 1617582

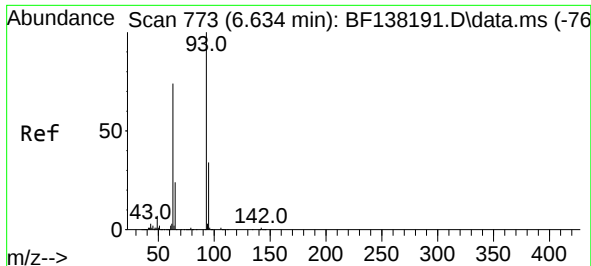
Ion Ratio Lower Upper

94 100

65 27.9 6.8 46.8

66 35.8 14.2 54.2

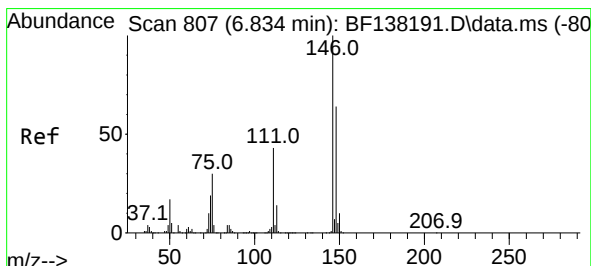
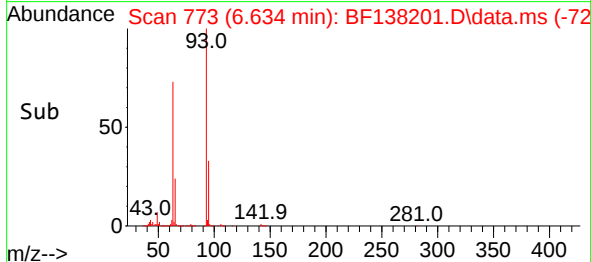
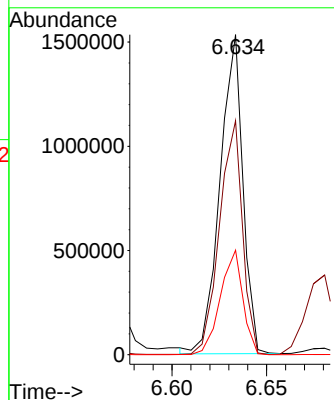
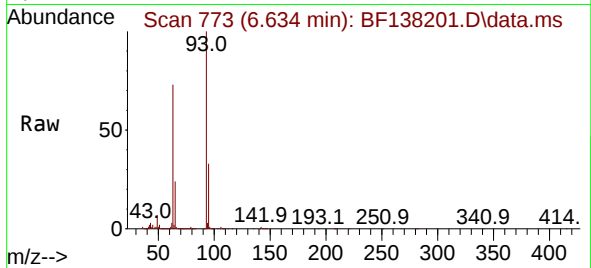




#11
bis(2-Chloroethyl)ether
Concen: 44.214 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.000 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

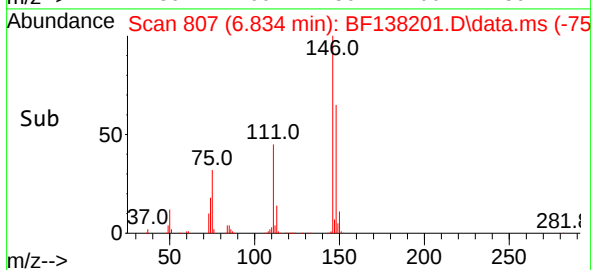
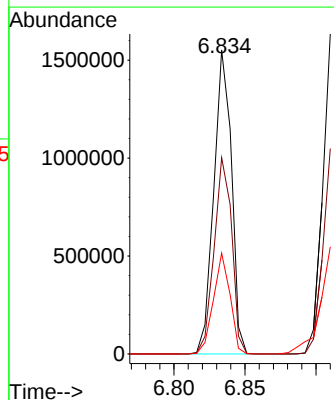
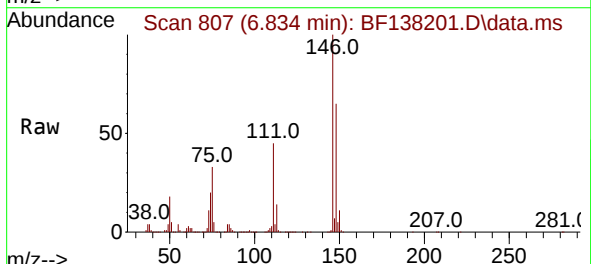
Instrument :
BNA_F
ClientSampleId :
PB161511BS

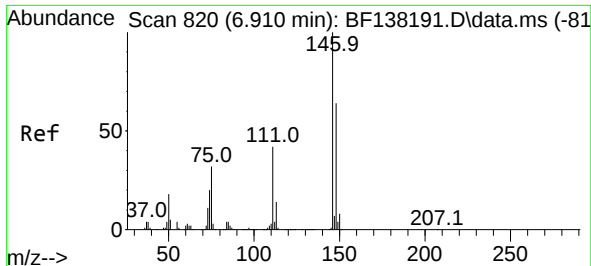
Tgt Ion: 93 Resp: 1284444
Ion Ratio Lower Upper
93 100
63 73.1 52.5 92.5
95 32.6 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 38.651 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

Tgt Ion:146 Resp: 1339522
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.6
75 33.1 24.3 36.5

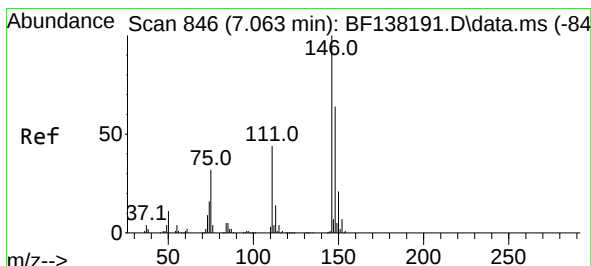
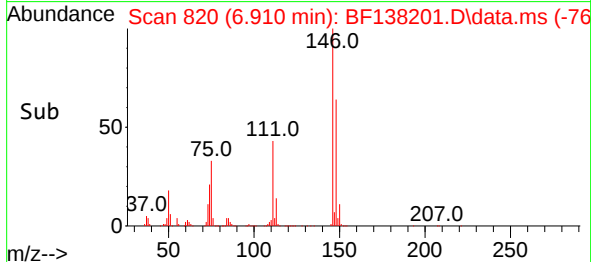
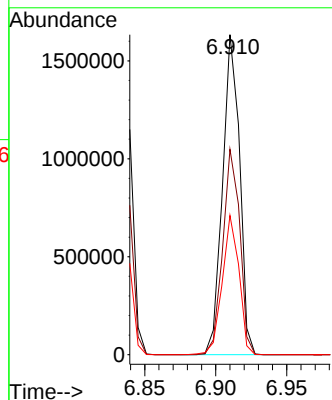
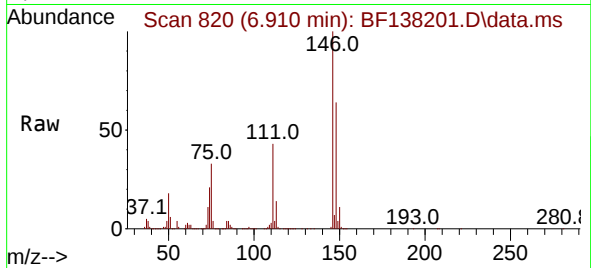




#13
1,4-Dichlorobenzene
Concen: 38.972 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

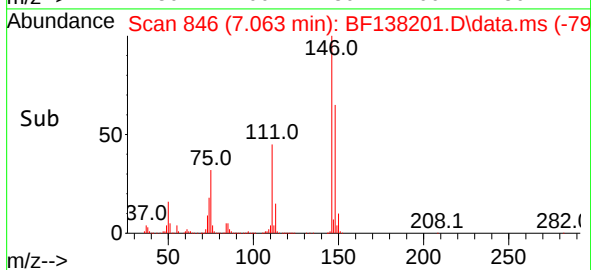
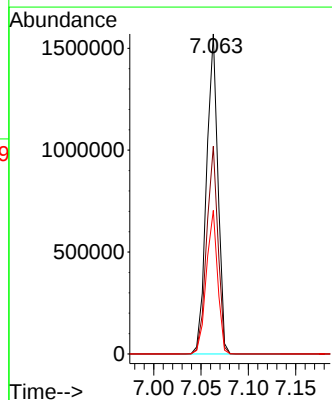
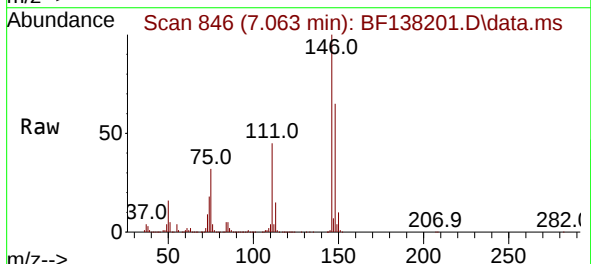
Instrument :
BNA_F
ClientSampleId :
PB161511BS

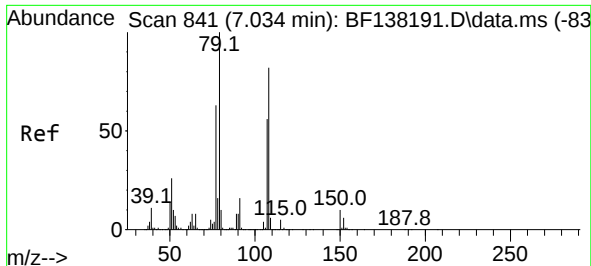
Tgt Ion:146 Resp: 1359220
Ion Ratio Lower Upper
146 100
148 64.2 51.1 76.7
111 43.5 33.7 50.5



#14
1,2-Dichlorobenzene
Concen: 40.160 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

Tgt Ion:146 Resp: 1314889
Ion Ratio Lower Upper
146 100
148 64.9 51.2 76.8
111 44.8 35.4 53.2

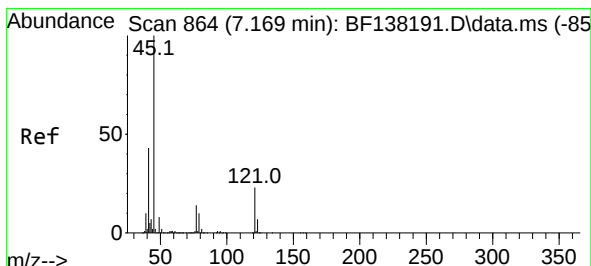
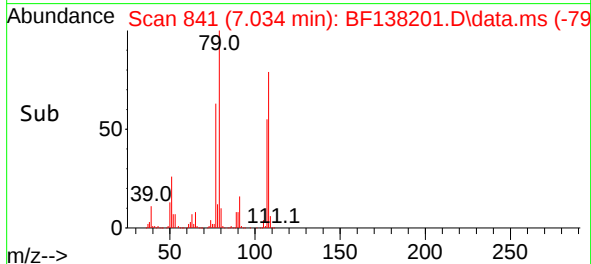
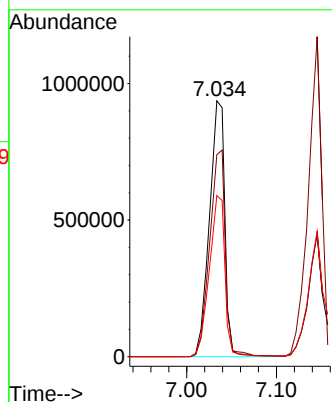
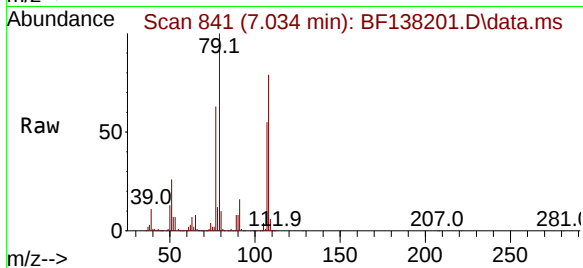




#15
Benzyl Alcohol
Concen: 46.288 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

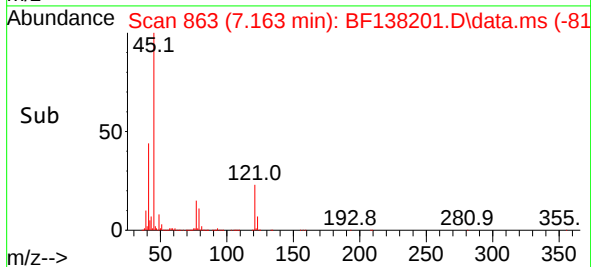
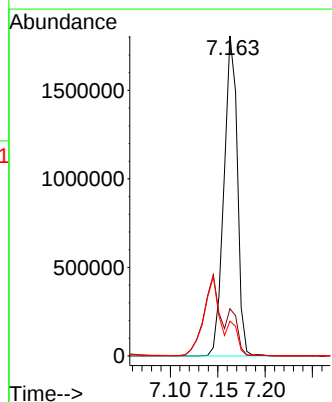
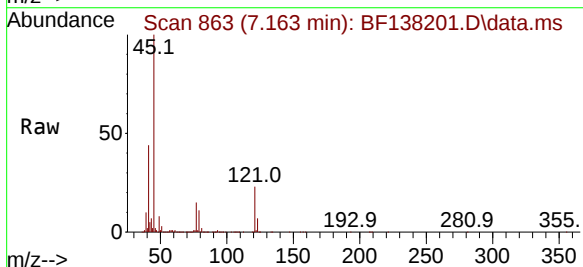
Instrument :
BNA_F
ClientSampleId :
PB161511BS

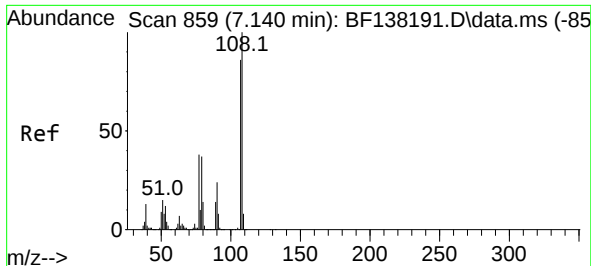
Tgt Ion: 79 Resp: 1116322
Ion Ratio Lower Upper
79 100
108 79.0 65.9 98.9
77 63.0 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.472 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

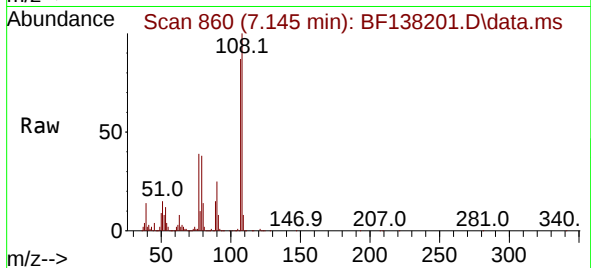
Tgt Ion: 45 Resp: 1782361
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.9
79 10.9 0.0 30.7





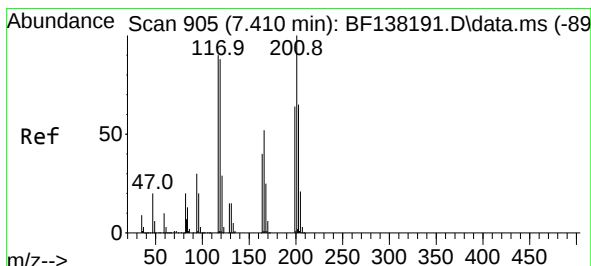
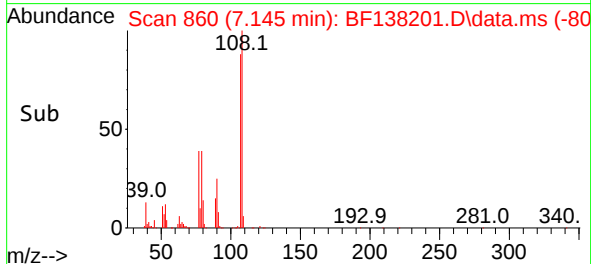
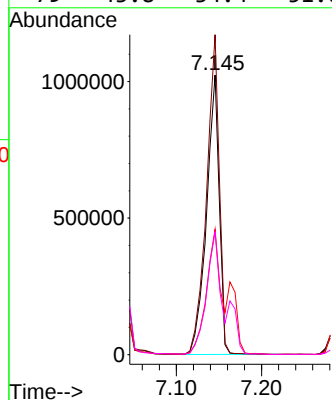
#17
2-Methylphenol
Concen: 44.267 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

Instrument :
BNA_F
ClientSampleId :
PB161511BS



Tgt Ion:107 Resp: 1065073

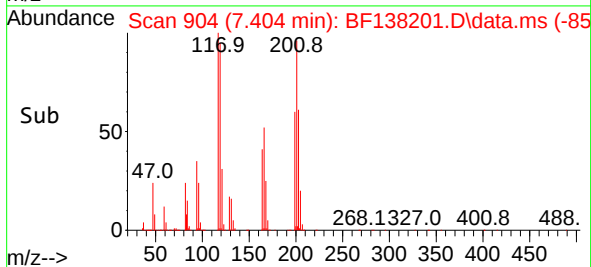
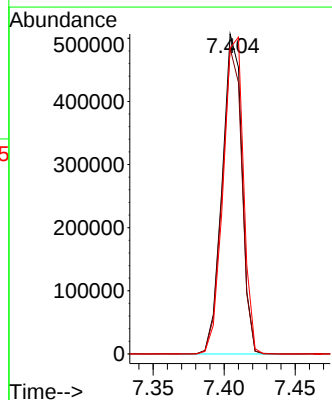
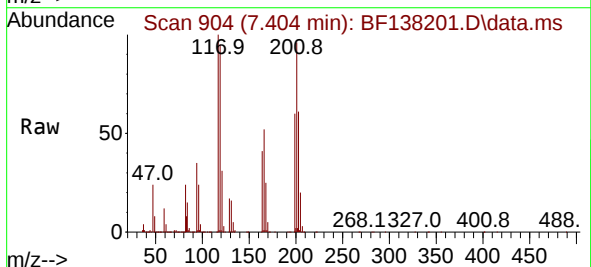
Ion	Ratio	Lower	Upper
107	100		
108	114.4	92.7	139.1
77	44.9	35.7	53.5
79	43.8	34.4	51.6

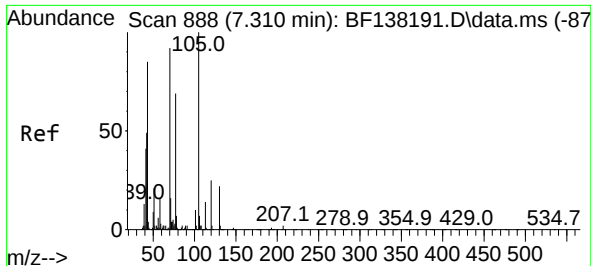


#18
Hexachloroethane
Concen: 41.484 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

Tgt Ion:117 Resp: 490160

Ion	Ratio	Lower	Upper
117	100		
119	95.5	78.4	117.6
201	95.6	89.0	133.6



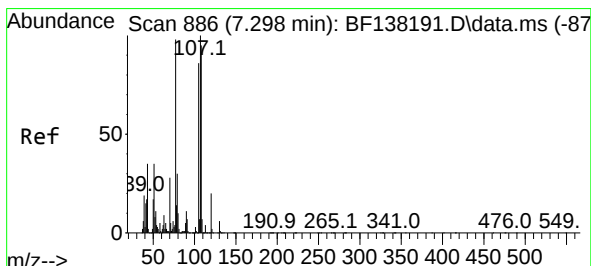
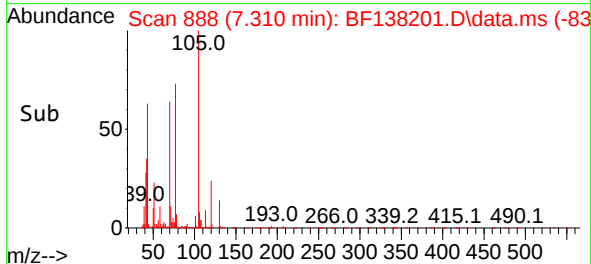
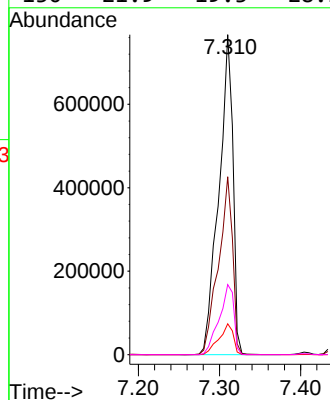
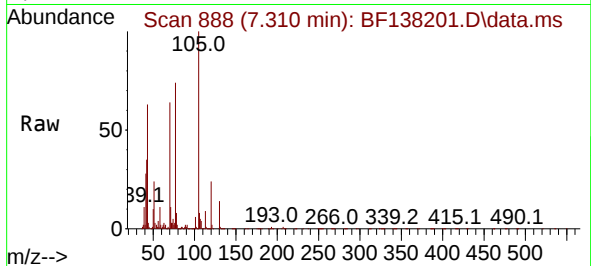


#19
n-Nitroso-di-n-propylamine
Concen: 43.774 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

Instrument :
BNA_F
ClientSampleId :
PB161511BS

Tgt Ion: 70 Resp: 928072

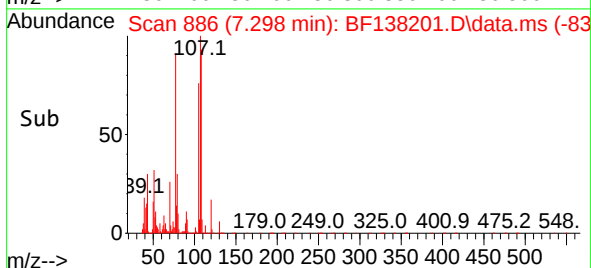
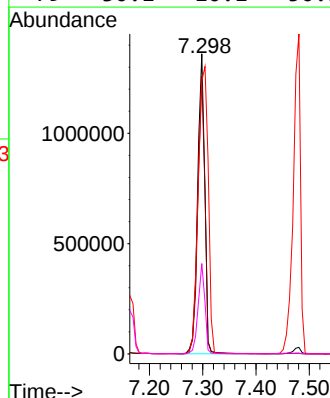
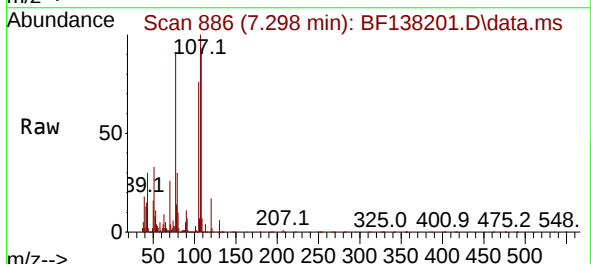
Ion	Ratio	Lower	Upper
70	100		
42	55.6	42.8	64.2
101	9.6	8.4	12.6
130	21.9	19.3	28.9

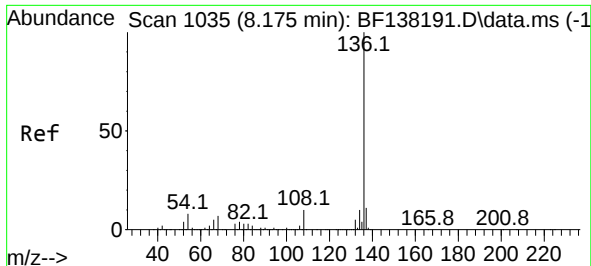


#20
3+4-Methylphenols
Concen: 41.955 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

Tgt Ion: 107 Resp: 1270555

Ion	Ratio	Lower	Upper
107	100		
108	92.6	74.9	114.9
77	91.0	78.2	118.2
79	30.1	10.1	50.1

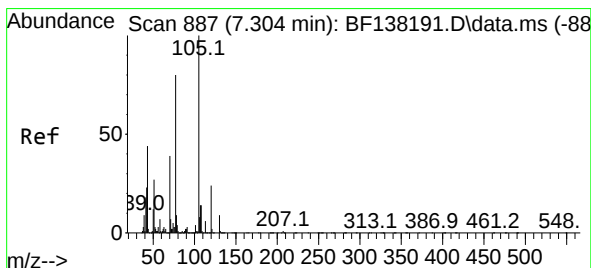
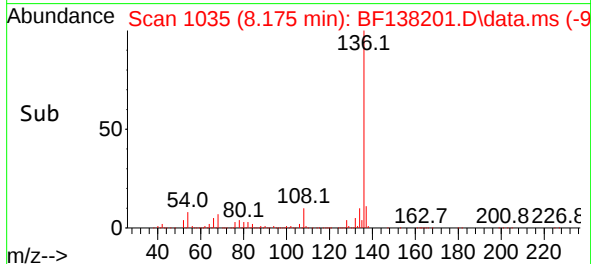
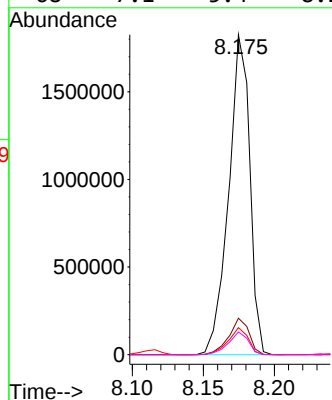
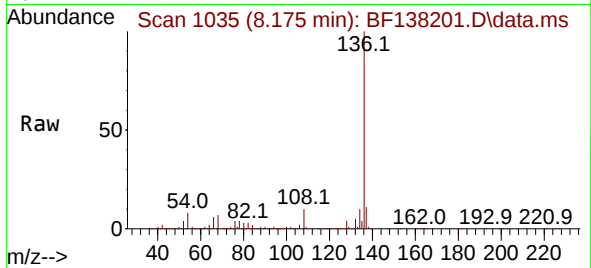




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

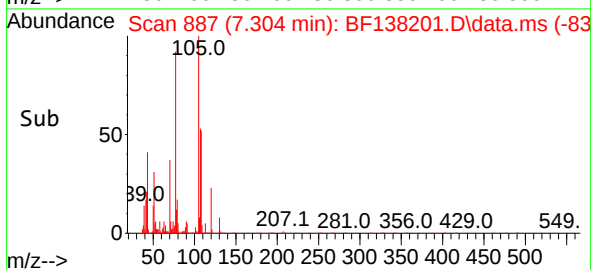
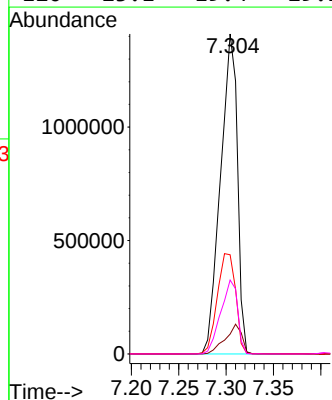
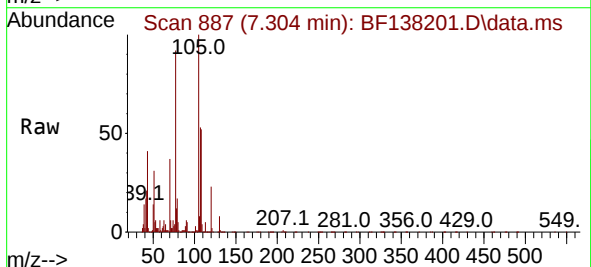
Instrument :
BNA_F
ClientSampleId :
PB161511BS

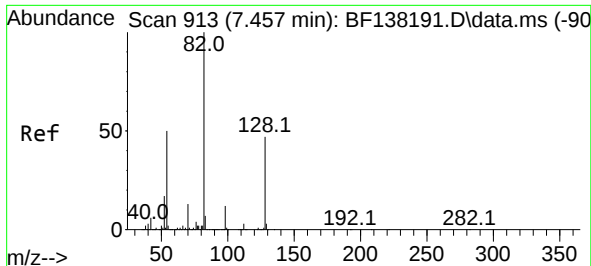
Tgt Ion:136 Resp: 1888249
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 8.4 6.6 10.0
68 7.1 5.4 8.2



#22
Acetophenone
Concen: 40.663 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

Tgt Ion:105 Resp: 1754019
Ion Ratio Lower Upper
105 100
71 6.2 5.4 8.2
51 31.0 21.4 32.0
120 23.1 19.4 29.2

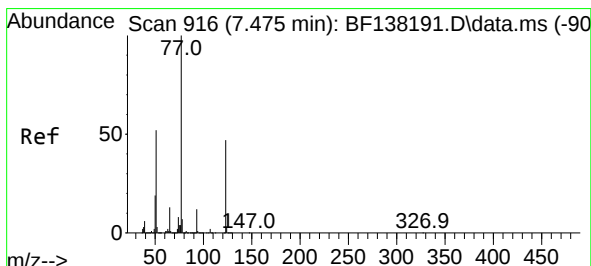
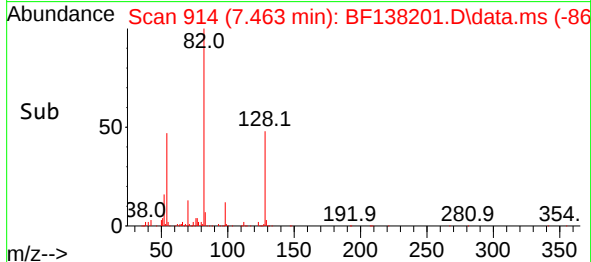
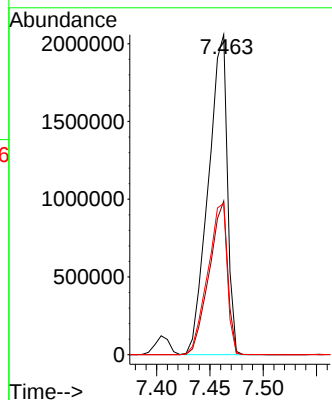
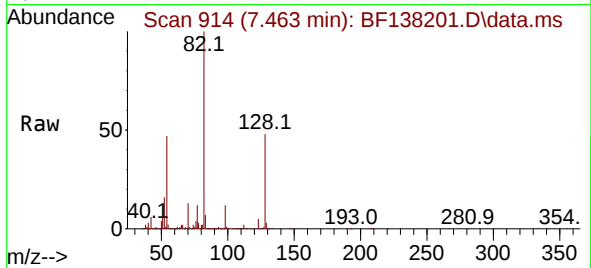




#23
Nitrobenzene-d5
Concen: 78.785 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.006 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

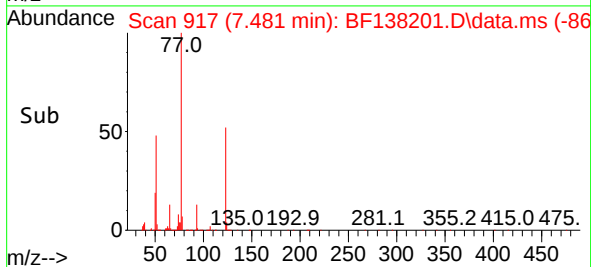
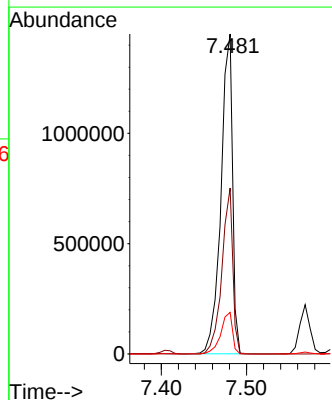
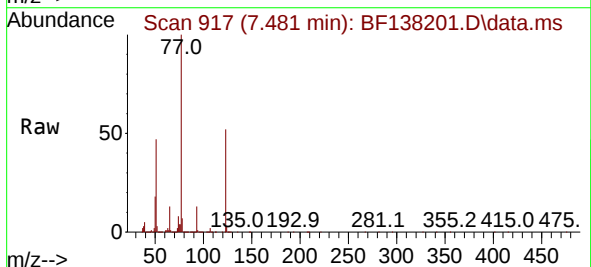
Instrument :
BNA_F
ClientSampleId :
PB161511BS

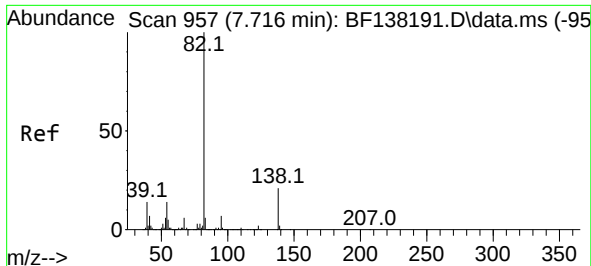
Tgt Ion: 82 Resp: 2555381
Ion Ratio Lower Upper
82 100
128 48.0 37.2 55.8
54 47.3 39.8 59.6



#24
Nitrobenzene
Concen: 40.687 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

Tgt Ion: 77 Resp: 1363952
Ion Ratio Lower Upper
77 100
123 51.9 37.3 55.9
65 13.0 10.6 15.8

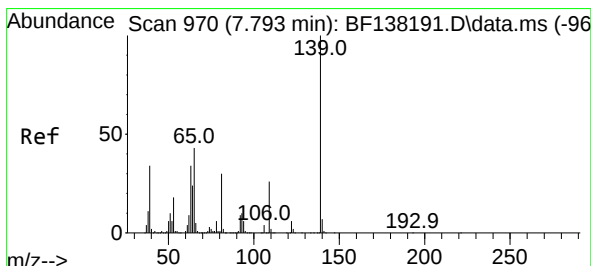
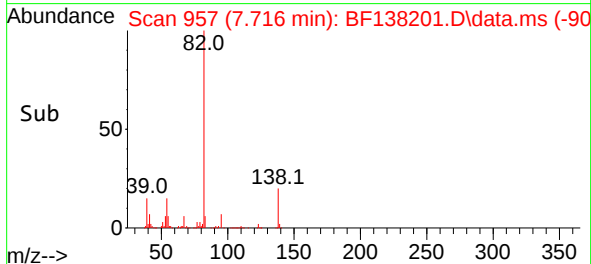
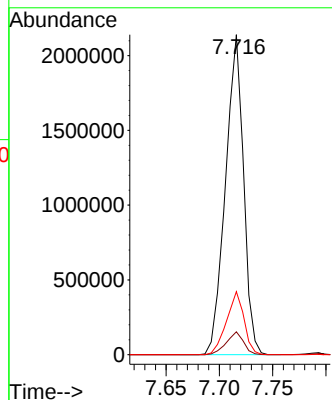
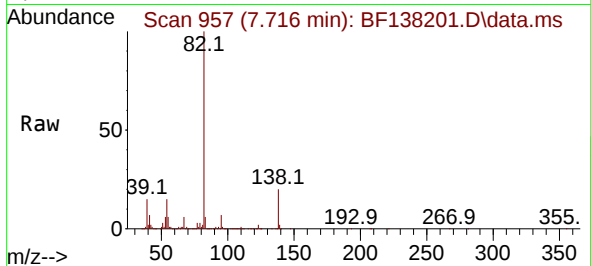




#25
Isophorone
Concen: 43.013 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

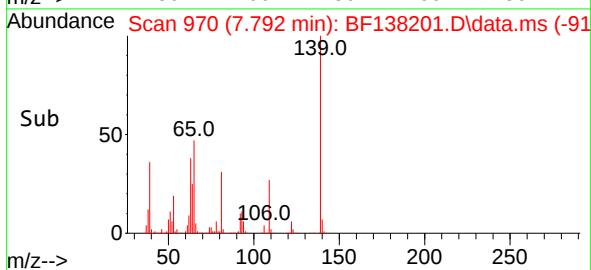
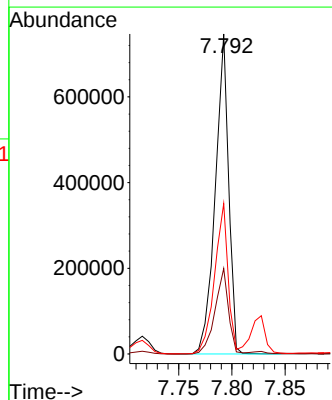
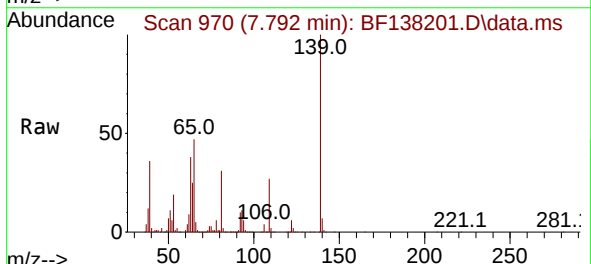
Instrument :
BNA_F
ClientSampleId :
PB161511BS

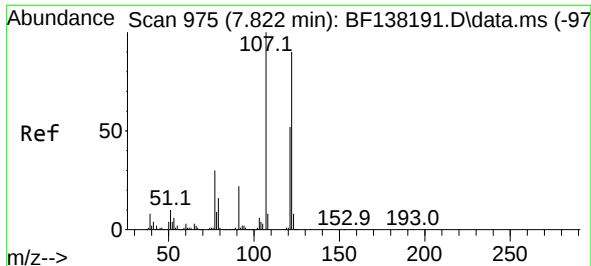
Tgt Ion: 82 Resp: 2523497
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 19.7 16.4 24.6



#26
2-Nitrophenol
Concen: 48.230 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.001 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

Tgt Ion:139 Resp: 650133
Ion Ratio Lower Upper
139 100
109 26.7 20.7 31.1
65 47.0 34.5 51.7





#27

2,4-Dimethylphenol

Concen: 48.013 ng

RT: 7.828 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF138201.D

Acq: 17 Jun 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB161511BS

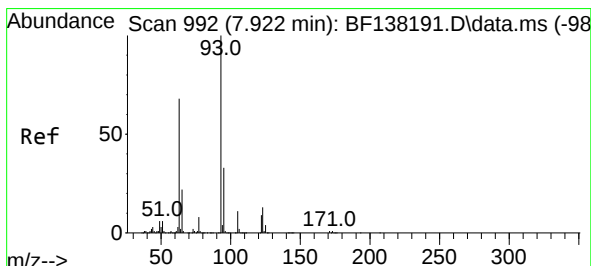
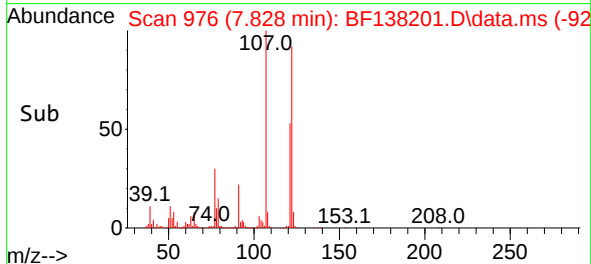
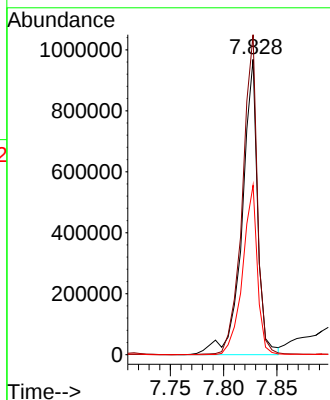
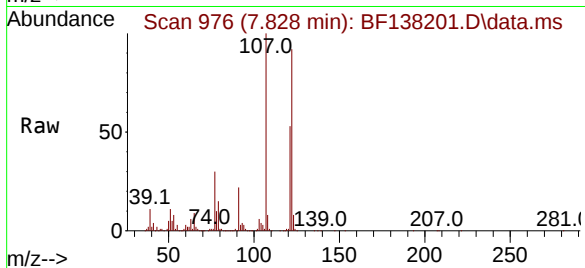
Tgt Ion:122 Resp: 984654

Ion Ratio Lower Upper

122 100

107 108.3 87.7 131.5

121 57.3 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 42.776 ng

RT: 7.928 min Scan# 993

Delta R.T. 0.006 min

Lab File: BF138201.D

Acq: 17 Jun 2024 13:33

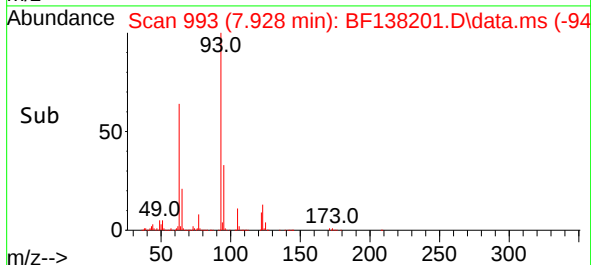
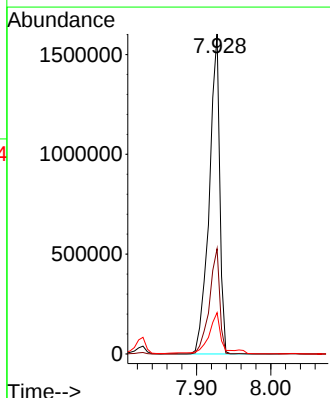
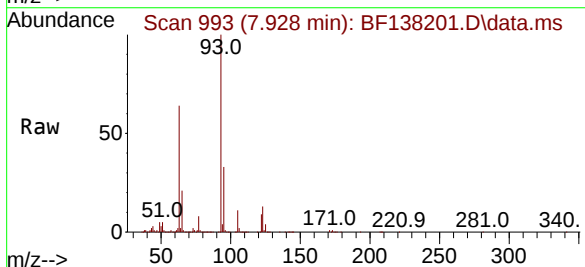
Tgt Ion: 93 Resp: 1570973

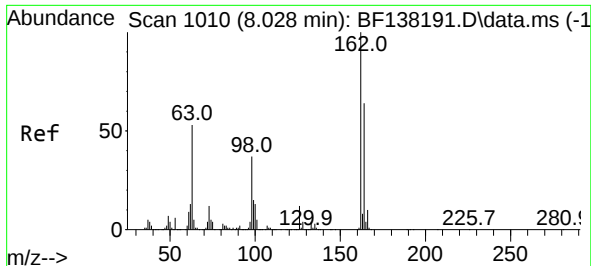
Ion Ratio Lower Upper

93 100

95 32.9 26.6 39.8

123 12.9 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 41.883 ng

RT: 8.033 min Scan# 1011

Delta R.T. 0.006 min

Lab File: BF138201.D

Acq: 17 Jun 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB161511BS

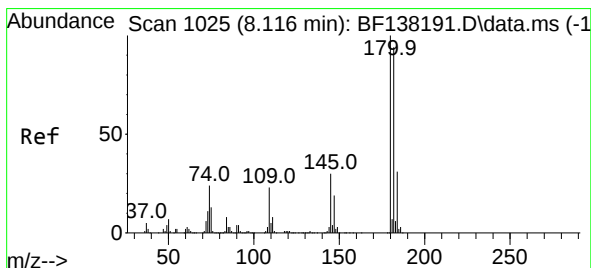
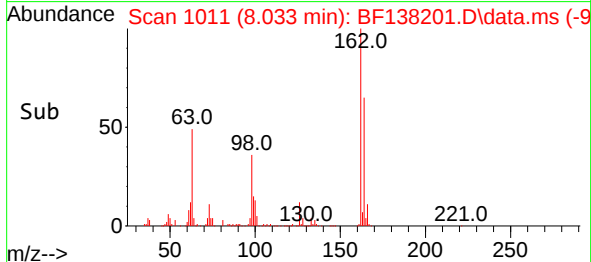
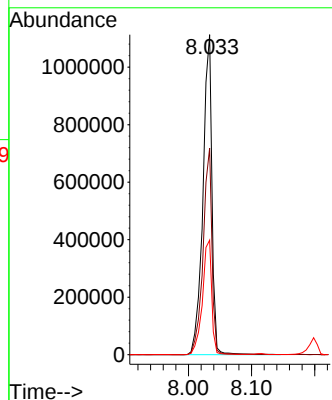
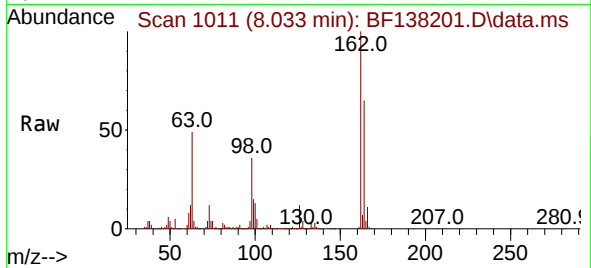
Tgt Ion:162 Resp: 1105853

Ion Ratio Lower Upper

162 100

164 64.5 44.3 84.3

98 35.8 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 38.928 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.000 min

Lab File: BF138201.D

Acq: 17 Jun 2024 13:33

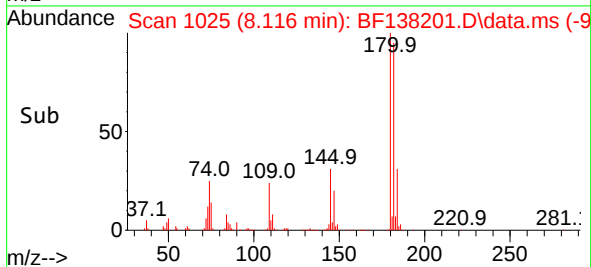
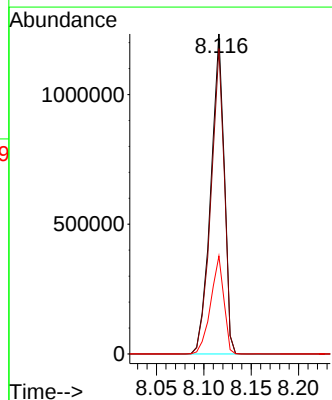
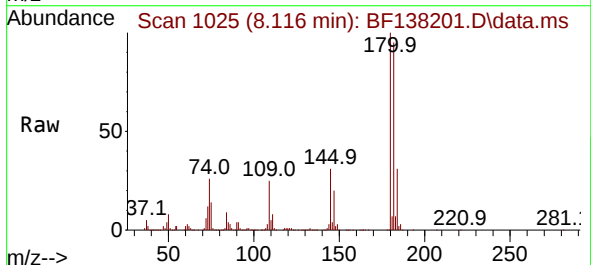
Tgt Ion:180 Resp: 1212157

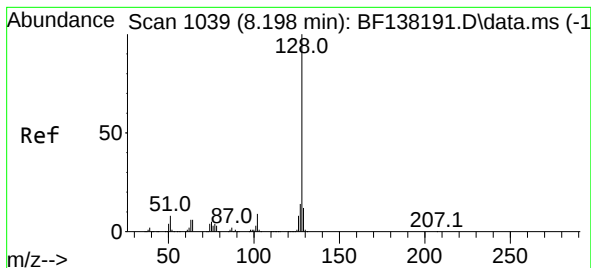
Ion Ratio Lower Upper

180 100

182 95.5 75.0 112.6

145 30.6 23.8 35.6





#31

Naphthalene

Concen: 38.680 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.000 min

Lab File: BF138201.D

Acq: 17 Jun 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB161511BS

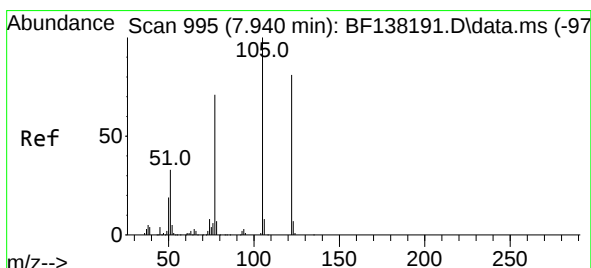
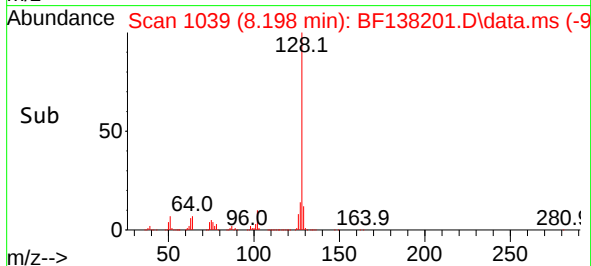
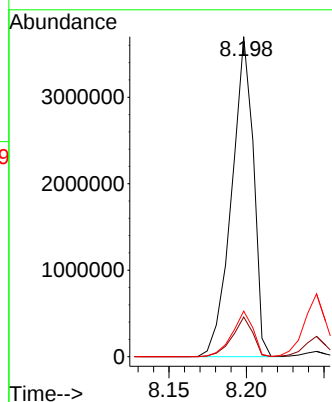
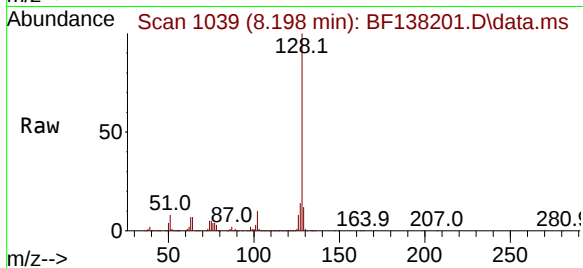
Tgt Ion:128 Resp: 3611541

Ion Ratio Lower Upper

128 100

129 12.4 9.5 14.3

127 14.2 11.0 16.6



#32

Benzoic acid

Concen: 44.550 ng

RT: 7.957 min Scan# 998

Delta R.T. 0.017 min

Lab File: BF138201.D

Acq: 17 Jun 2024 13:33

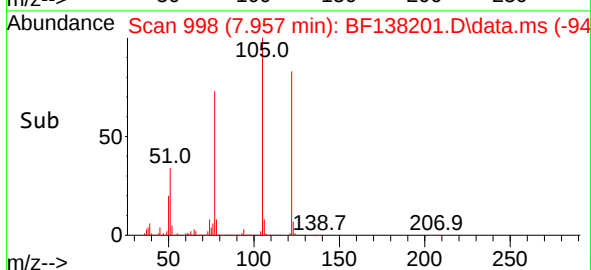
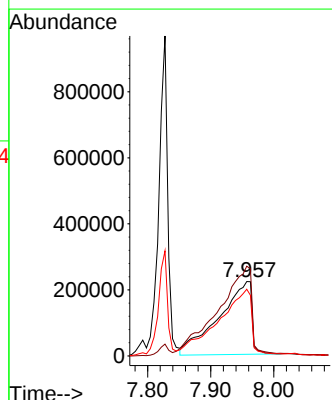
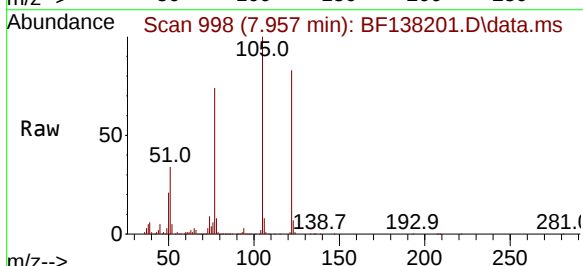
Tgt Ion:122 Resp: 805244

Ion Ratio Lower Upper

122 100

105 120.7 100.1 140.1

77 89.8 66.5 106.5

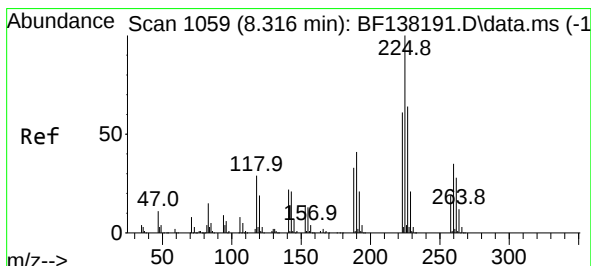
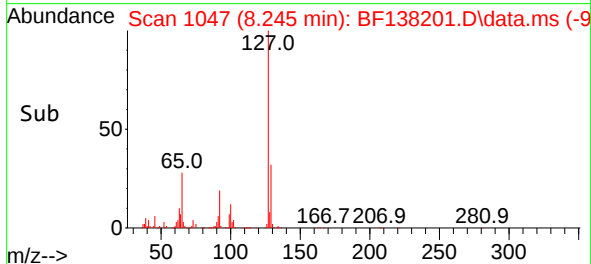
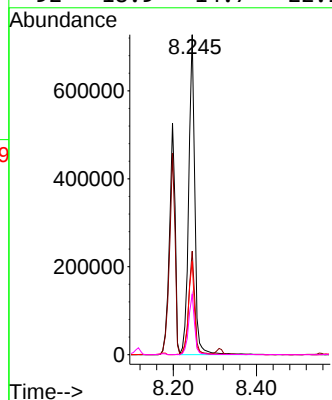
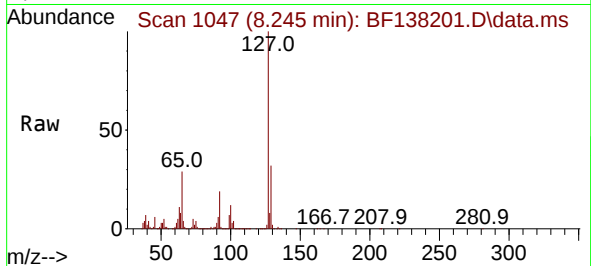




#33
4-Chloroaniline
Concen: 21.166 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

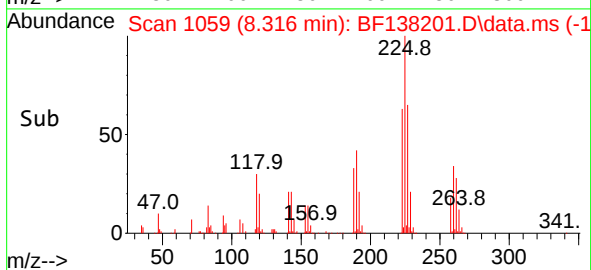
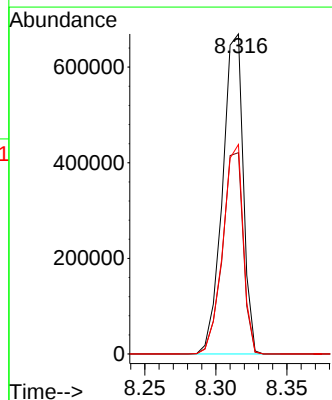
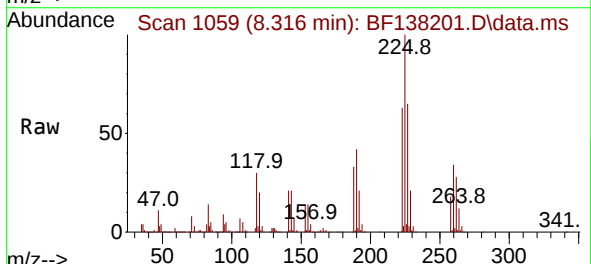
Instrument :
BNA_F
ClientSampleId :
PB161511BS

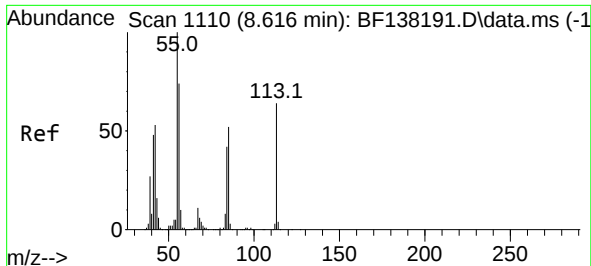
Tgt Ion:127	Resp: 738635
Ion Ratio	Lower Upper
127 100	
129 32.3	26.1 39.1
65 29.1	23.6 35.4
92 18.9	14.7 22.1



#34
Hexachlorobutadiene
Concen: 37.198 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

Tgt Ion:225	Resp: 677422		
Ion Ratio	Lower	Upper	
225 100			
223 62.9	49.0	73.6	
227 65.4	51.2	76.8	

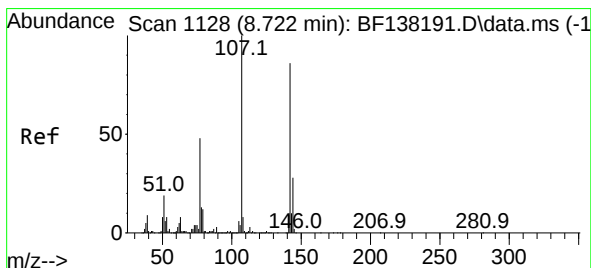
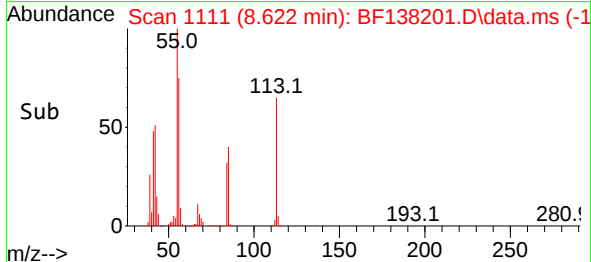
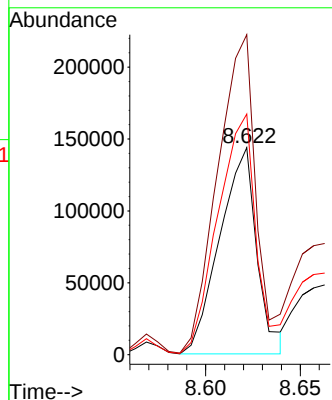
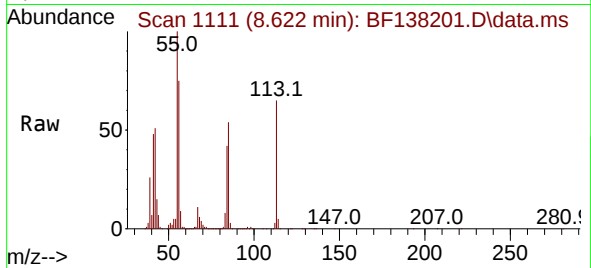




#35
 Caprolactam
 Concen: 24.503 ng
 RT: 8.622 min Scan# 1111
 Delta R.T. 0.006 min
 Lab File: BF138201.D
 Acq: 17 Jun 2024 13:33

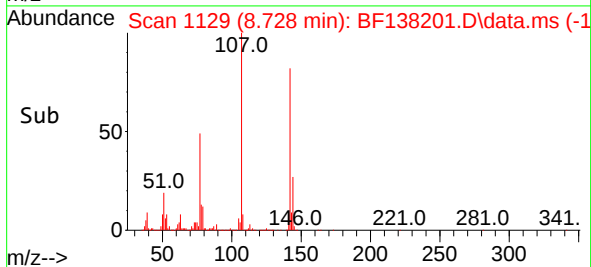
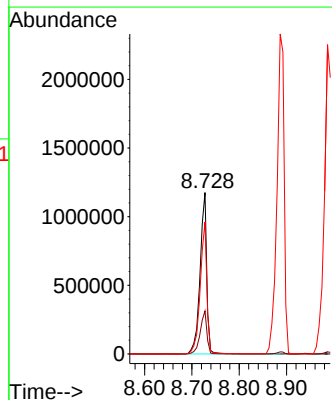
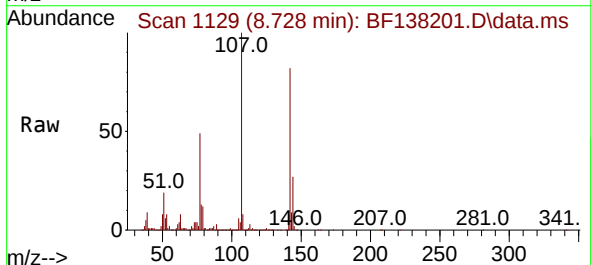
Instrument :
 BNA_F
 ClientSampleId :
 PB161511BS

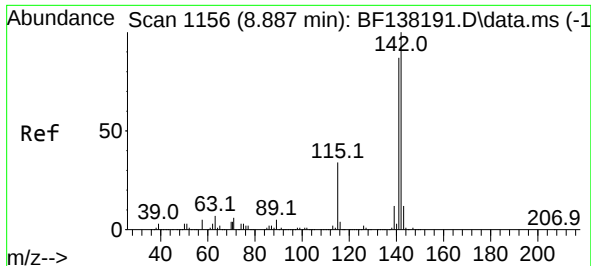
Tgt Ion:113 Resp: 195317
 Ion Ratio Lower Upper
 113 100
 55 154.6 135.4 175.4
 56 116.2 95.5 135.5



#36
 4-Chloro-3-methylphenol
 Concen: 44.224 ng
 RT: 8.728 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: BF138201.D
 Acq: 17 Jun 2024 13:33

Tgt Ion:107 Resp: 1162610
 Ion Ratio Lower Upper
 107 100
 144 26.7 22.6 34.0
 142 81.8 69.0 103.4

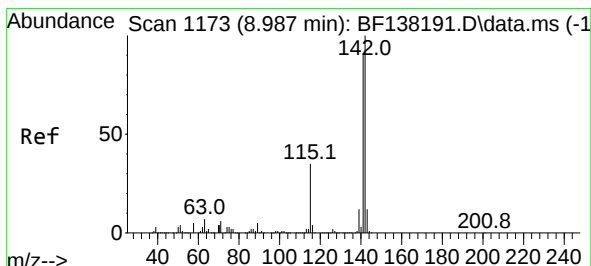
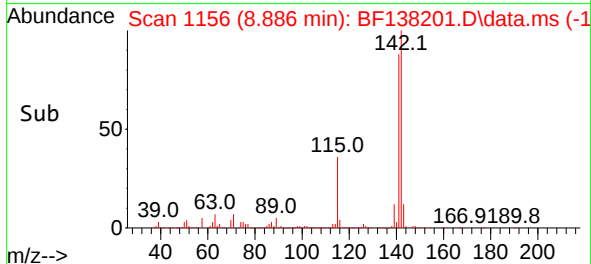
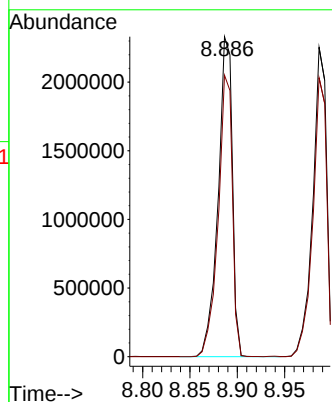
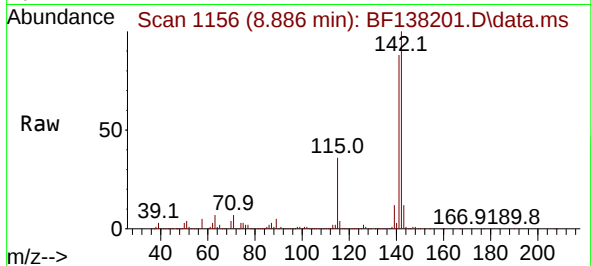




#37
2-Methylnaphthalene
Concen: 39.936 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

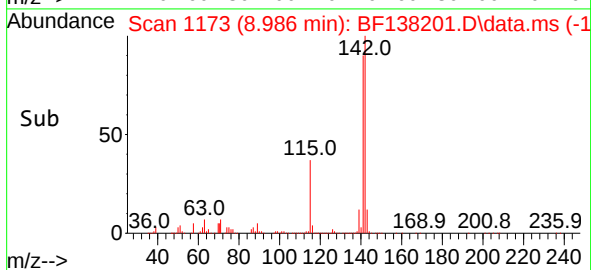
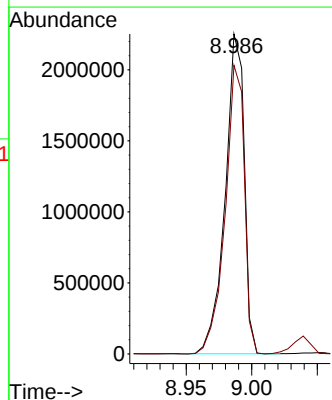
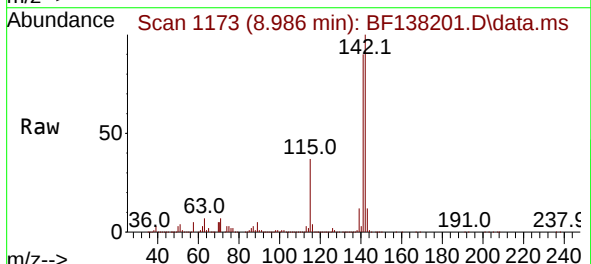
Instrument :
BNA_F
ClientSampleId :
PB161511BS

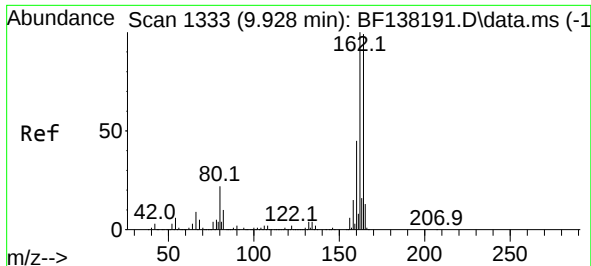
Tgt Ion:142 Resp: 2447195
Ion Ratio Lower Upper
142 100
141 88.0 69.9 104.9



#38
1-Methylnaphthalene
Concen: 37.948 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

Tgt Ion:142 Resp: 2278734
Ion Ratio Lower Upper
142 100
141 90.2 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1184

Delta R.T. 0.006 min

Lab File: BF138201.D

Acq: 17 Jun 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB161511BS

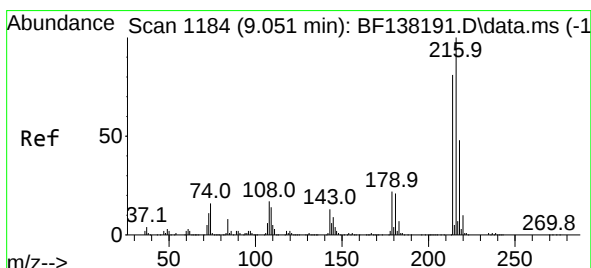
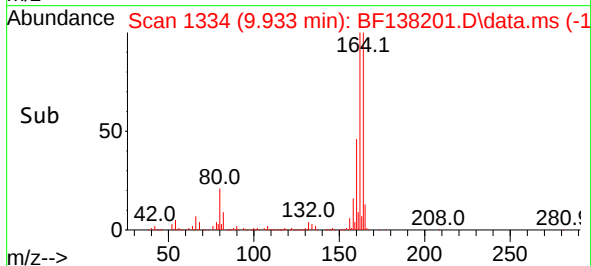
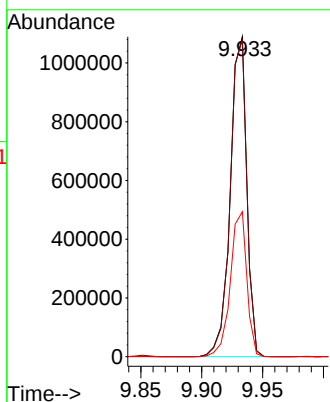
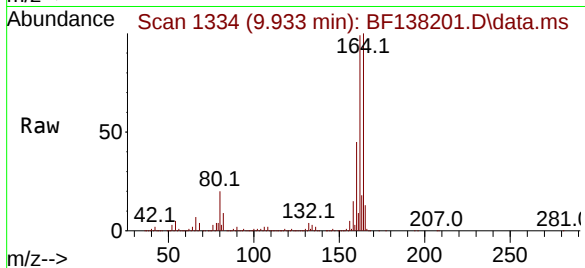
Tgt Ion:164 Resp: 1025169

Ion Ratio Lower Upper

164 100

162 98.9 80.6 121.0

160 45.3 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.600 ng

RT: 9.051 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF138201.D

Acq: 17 Jun 2024 13:33

Tgt Ion:216 Resp: 1156358

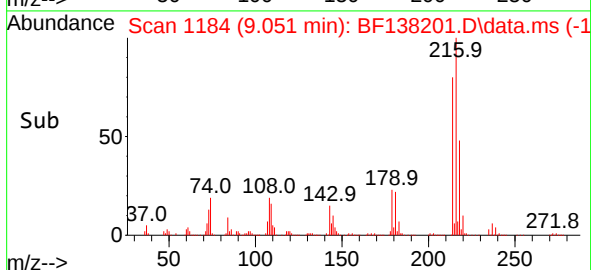
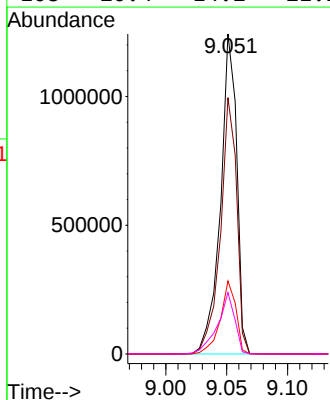
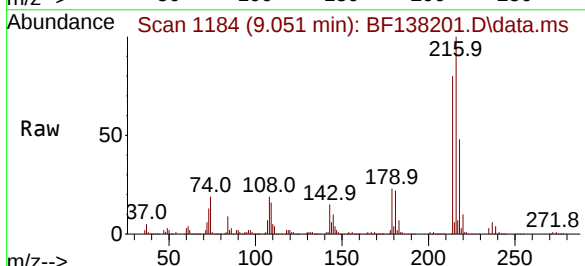
Ion Ratio Lower Upper

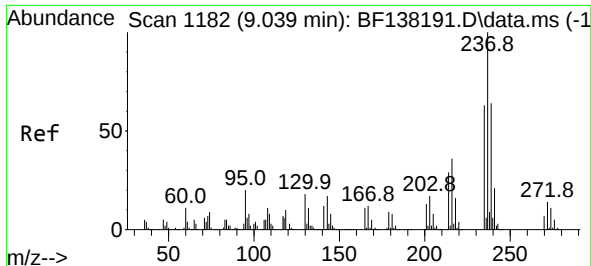
216 100

214 79.8 63.7 95.5

179 22.1 16.9 25.3

108 20.4 14.2 21.2

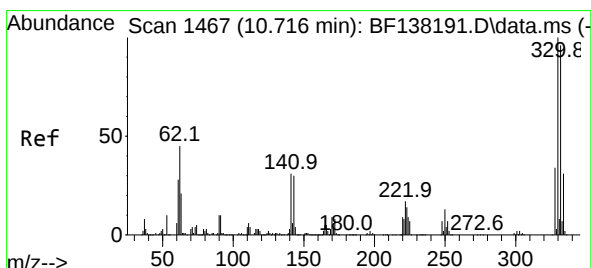
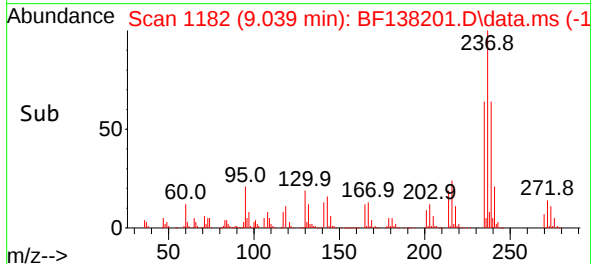
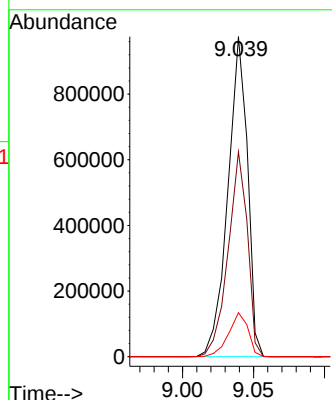
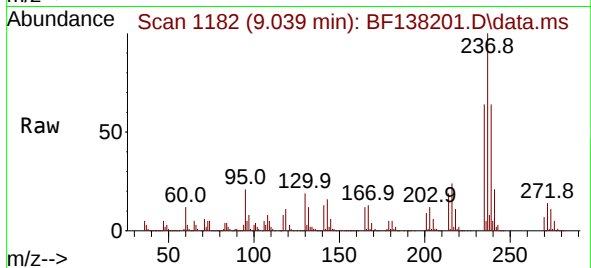




#41
Hexachlorocyclopentadiene
Concen: 95.830 ng
RT: 9.039 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

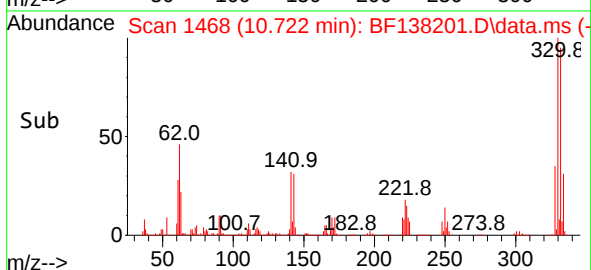
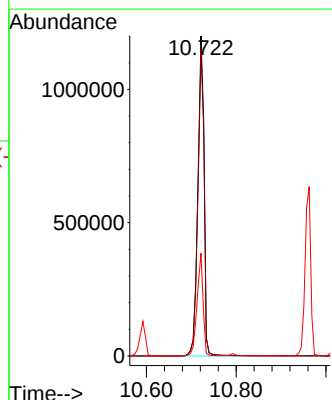
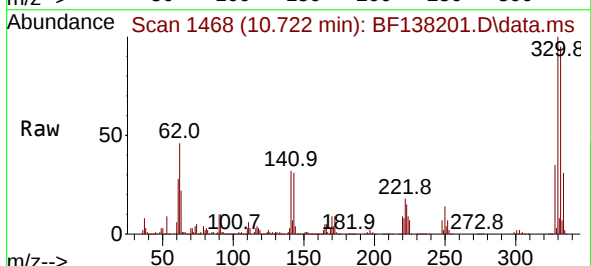
Instrument :
BNA_F
ClientSampleId :
PB161511BS

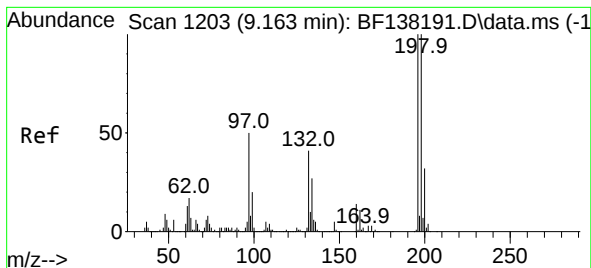
Tgt Ion:237 Resp: 936088
Ion Ratio Lower Upper
237 100
235 64.0 43.3 83.3
272 13.7 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 113.729 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.006 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

Tgt Ion:330 Resp: 1160692
Ion Ratio Lower Upper
330 100
332 95.2 76.6 115.0
141 30.8 23.9 35.9





#43

2,4,6-Trichlorophenol

Concen: 43.241 ng

RT: 9.163 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138201.D

Acq: 17 Jun 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB161511BS

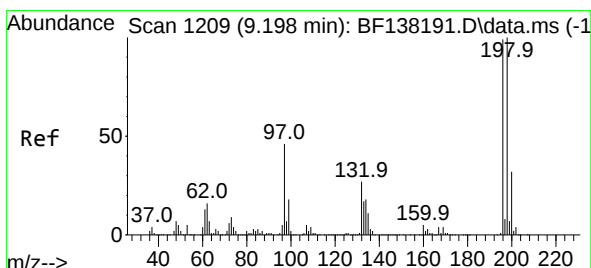
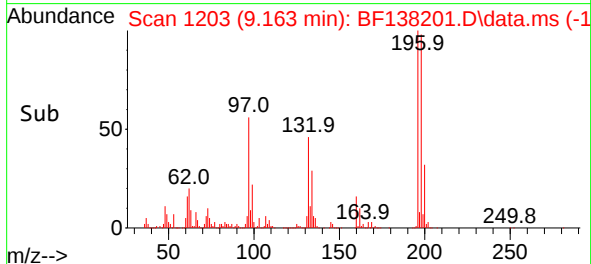
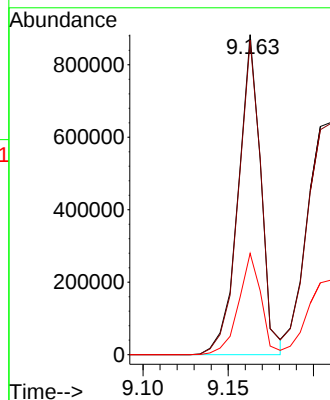
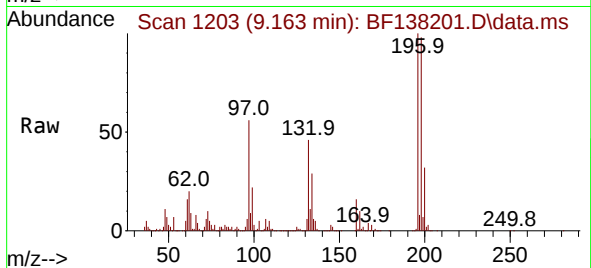
Tgt Ion:196 Resp: 811095

Ion Ratio Lower Upper

196 100

198 98.2 79.8 119.6

200 31.7 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 41.126 ng

RT: 9.210 min Scan# 1211

Delta R.T. 0.012 min

Lab File: BF138201.D

Acq: 17 Jun 2024 13:33

Tgt Ion:196 Resp: 847168

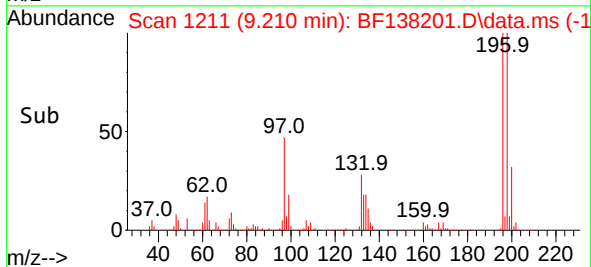
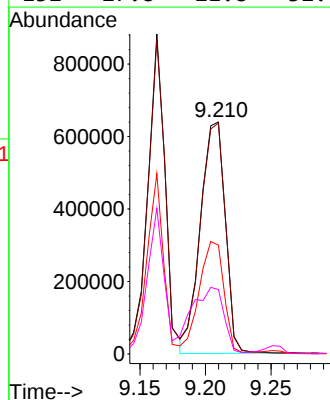
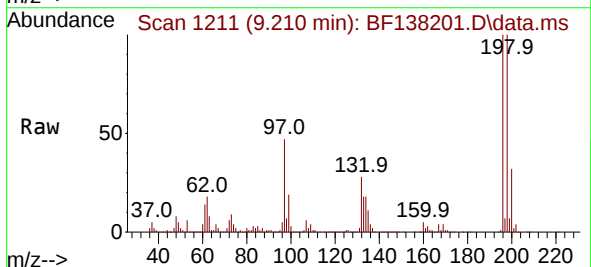
Ion Ratio Lower Upper

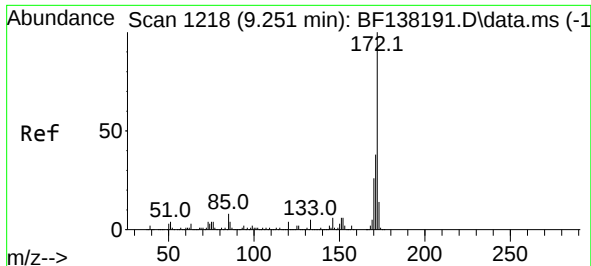
196 100

198 99.5 80.4 120.6

97 46.9 37.4 56.2

132 27.8 21.8 32.6

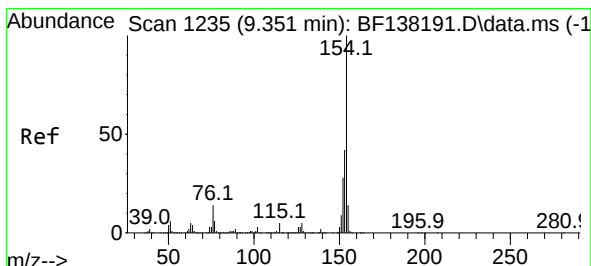
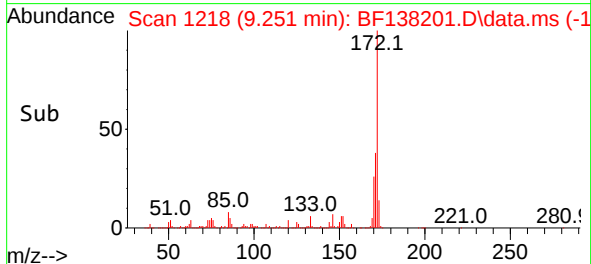
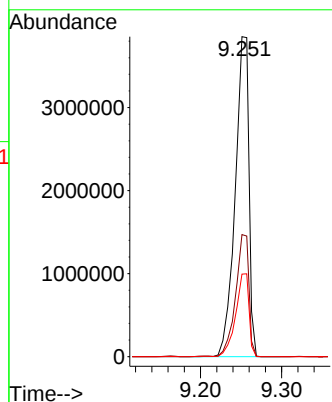
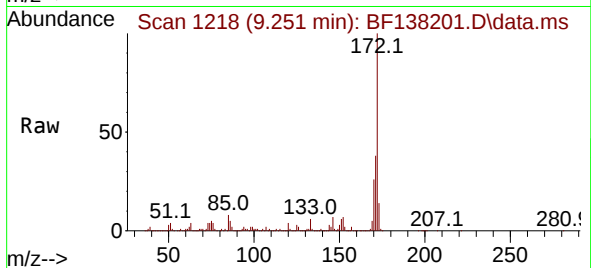




#45
2-Fluorobiphenyl
Concen: 70.075 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

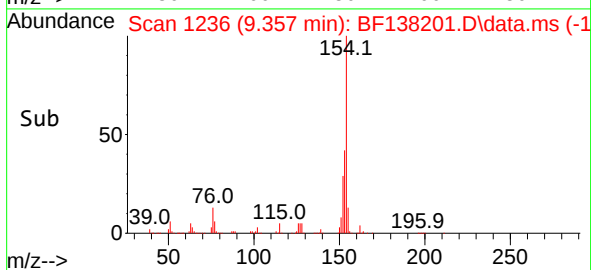
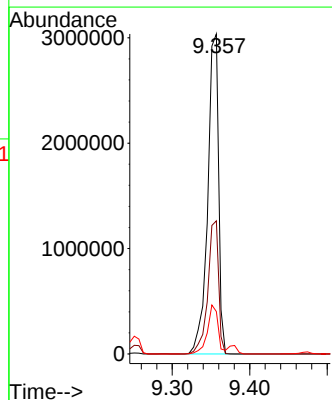
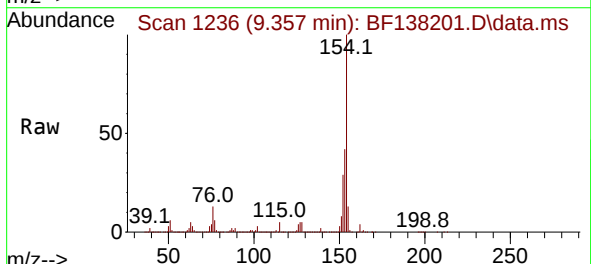
Instrument :
BNA_F
ClientSampleId :
PB161511BS

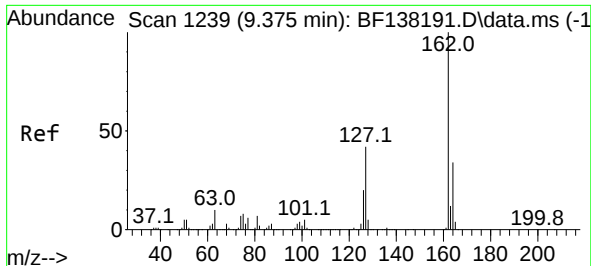
Tgt Ion:172 Resp: 4517770
Ion Ratio Lower Upper
172 100
171 38.1 30.3 45.5
170 25.8 20.6 30.8



#46
1,1'-Biphenyl
Concen: 39.334 ng
RT: 9.357 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

Tgt Ion:154 Resp: 2958951
Ion Ratio Lower Upper
154 100
153 41.6 22.1 62.1
76 13.2 0.0 34.3

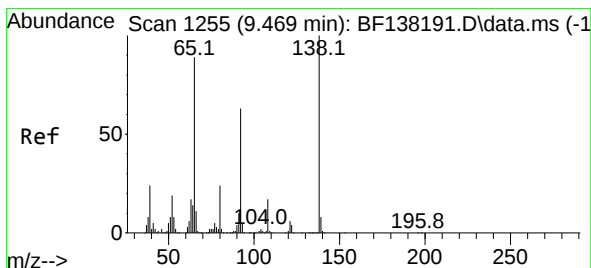
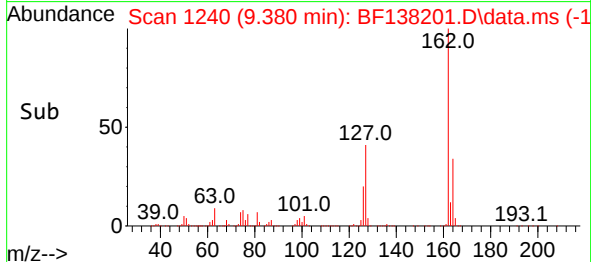
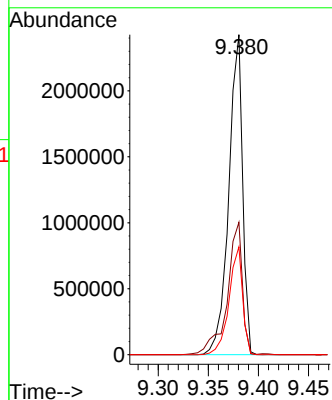
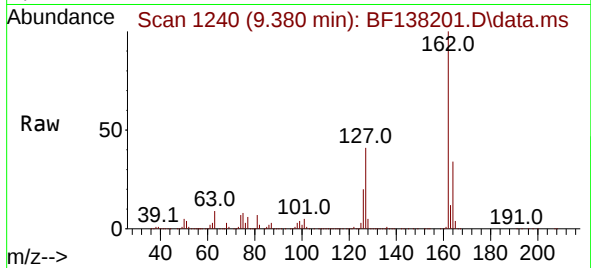




#47
2-Chloronaphthalene
Concen: 39.064 ng
RT: 9.380 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

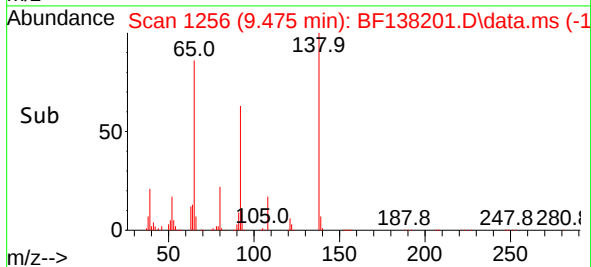
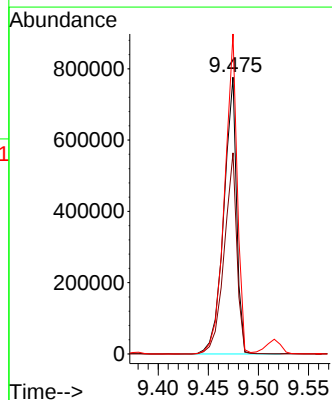
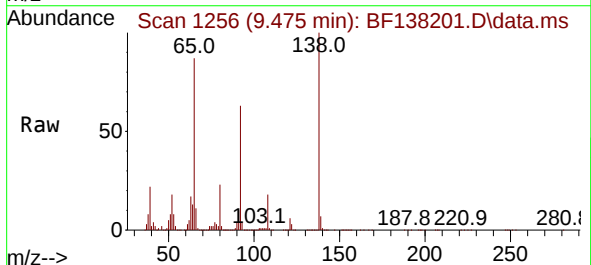
Instrument :
BNA_F
ClientSampleId :
PB161511BS

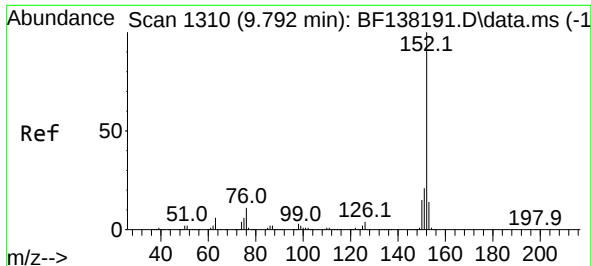
Tgt Ion:162 Resp: 2322418
Ion Ratio Lower Upper
162 100
127 41.4 33.6 50.4
164 33.7 27.2 40.8



#48
2-Nitroaniline
Concen: 48.198 ng
RT: 9.475 min Scan# 1256
Delta R.T. 0.006 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

Tgt Ion: 65 Resp: 690067
Ion Ratio Lower Upper
65 100
92 72.6 56.6 85.0
138 115.6 90.1 135.1

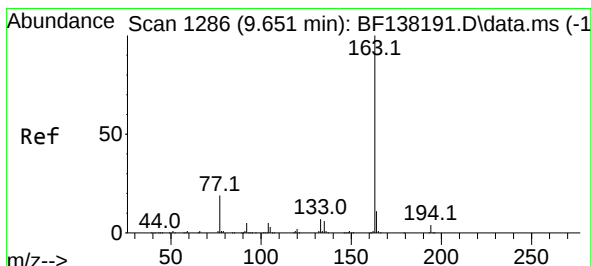
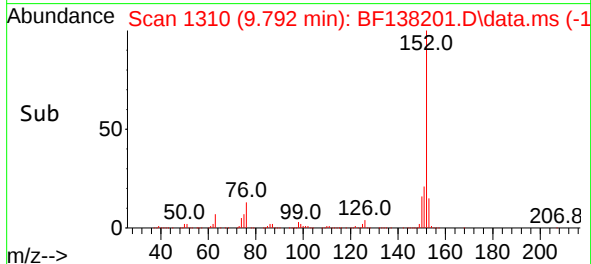
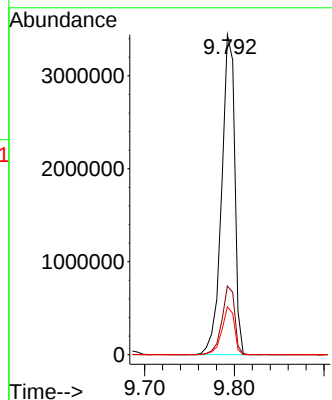
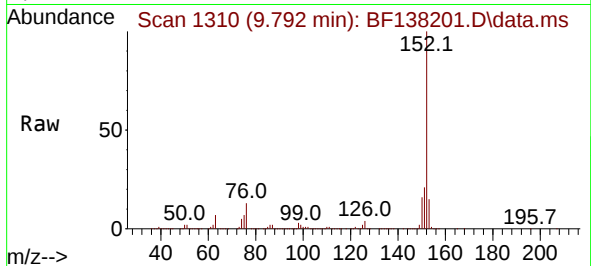




#49
Acenaphthylene
Concen: 41.808 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

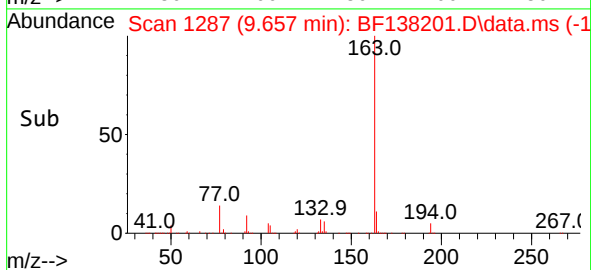
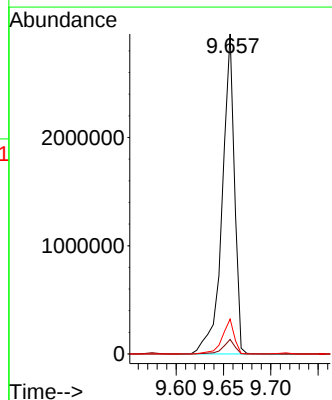
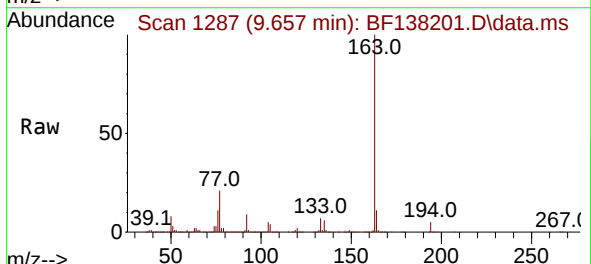
Instrument :
BNA_F
ClientSampleId :
PB161511BS

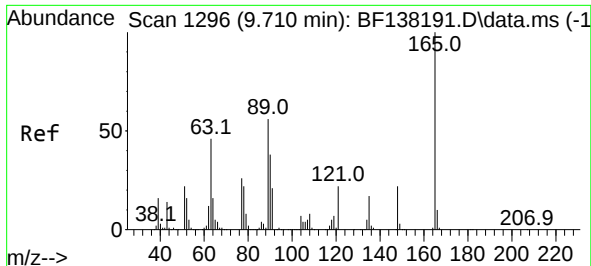
Tgt Ion:152 Resp: 3485352
Ion Ratio Lower Upper
152 100
151 21.4 16.9 25.3
153 15.0 11.4 17.0



#50
Dimethylphthalate
Concen: 42.504 ng
RT: 9.657 min Scan# 1287
Delta R.T. 0.006 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

Tgt Ion:163 Resp: 2669784
Ion Ratio Lower Upper
163 100
194 4.6 3.5 5.3
164 10.9 8.5 12.7

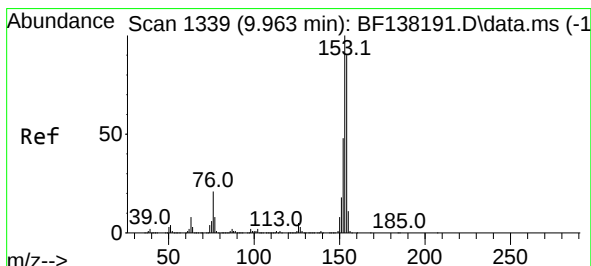
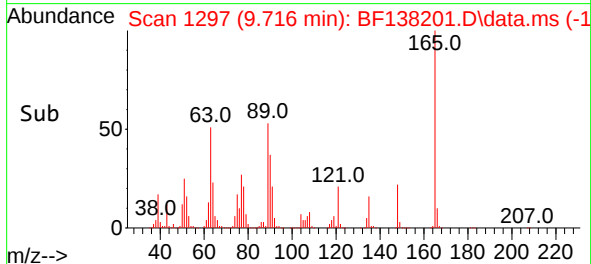
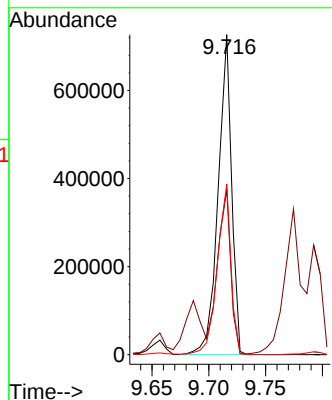
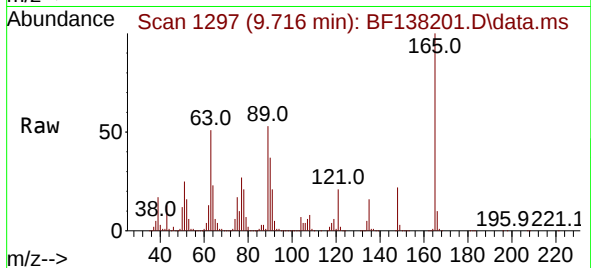




#51
2,6-Dinitrotoluene
Concen: 44.106 ng
RT: 9.716 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

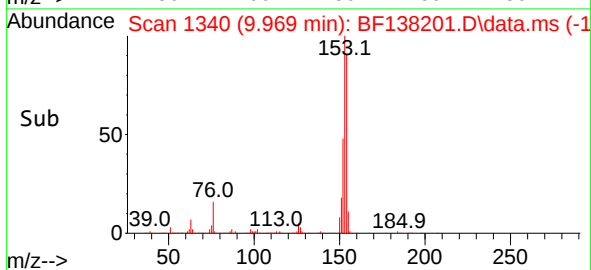
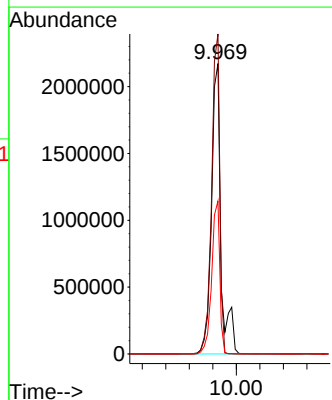
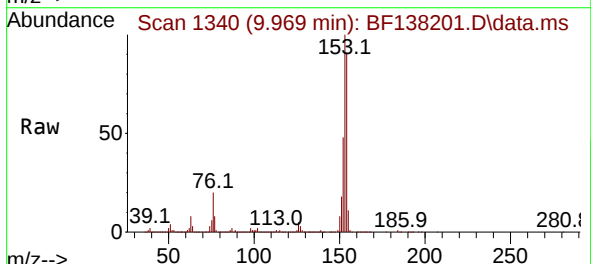
Instrument :
BNA_F
ClientSampleId :
PB161511BS

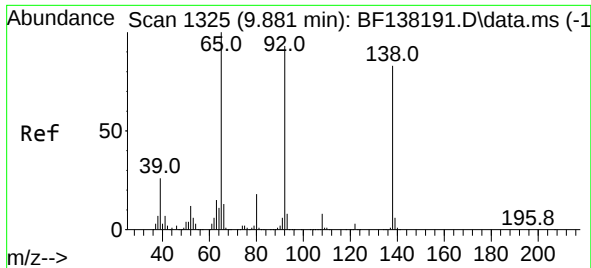
Tgt Ion:165 Resp: 601025
Ion Ratio Lower Upper
165 100
63 51.4 43.7 65.5
89 53.3 44.9 67.3



#52
Acenaphthene
Concen: 42.744 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

Tgt Ion:154 Resp: 2429837
Ion Ratio Lower Upper
154 100
153 110.2 89.1 133.7
152 52.7 42.4 63.6

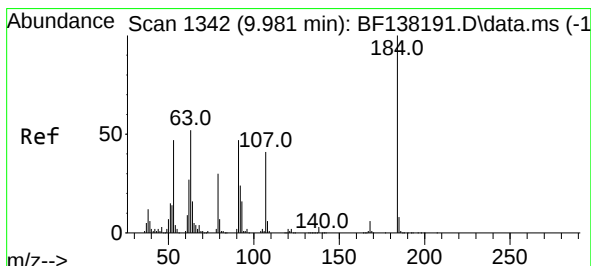
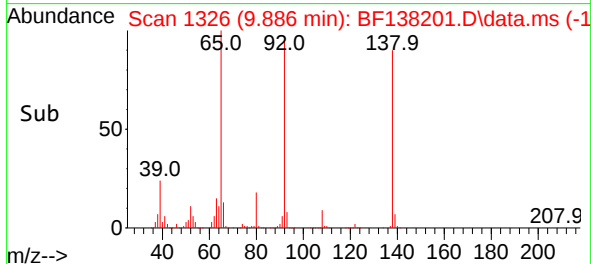
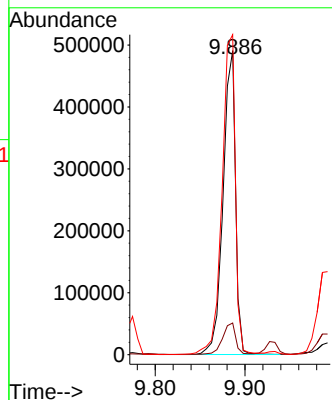
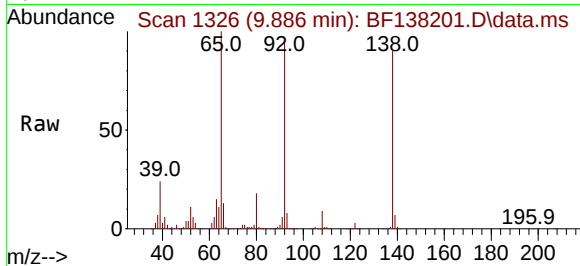




#53
3-Nitroaniline
Concen: 32.491 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

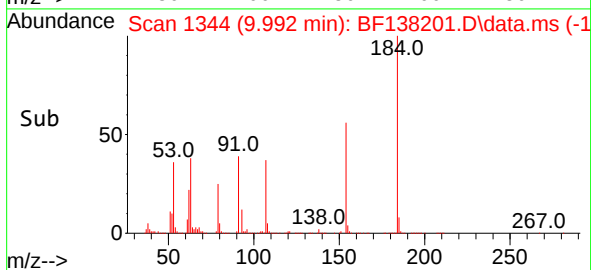
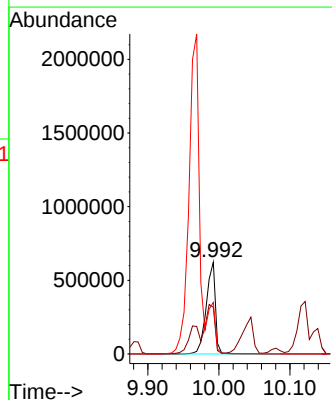
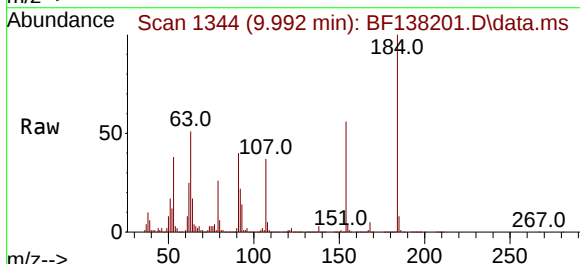
Instrument :
BNA_F
ClientSampleId :
PB161511BS

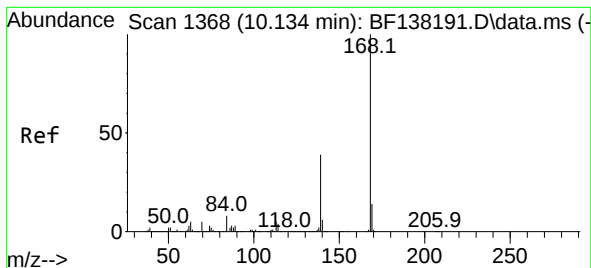
Tgt Ion:138 Resp: 472975
Ion Ratio Lower Upper
138 100
108 10.4 8.2 12.2
92 105.3 90.0 135.0



#54
2,4-Dinitrophenol
Concen: 80.437 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.011 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

Tgt Ion:184 Resp: 558057
Ion Ratio Lower Upper
184 100
63 51.0 49.2 73.8
154 56.1 46.7 70.1

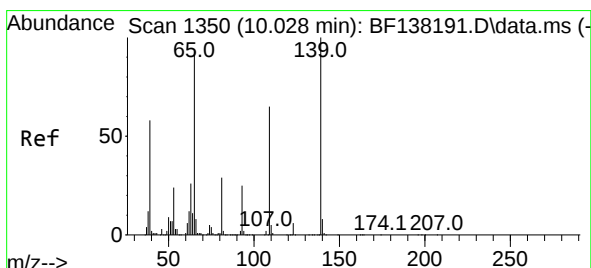
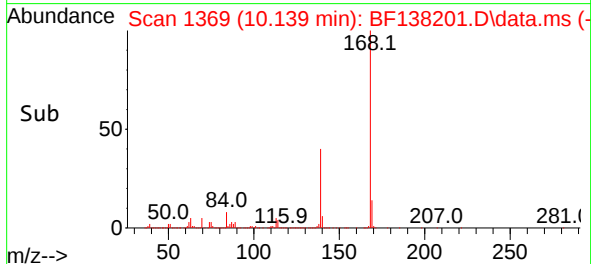
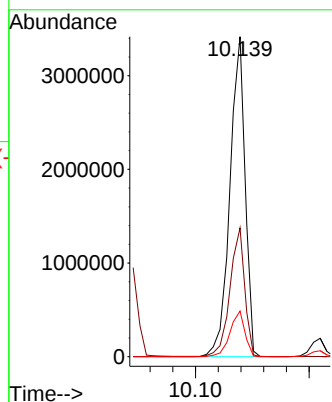
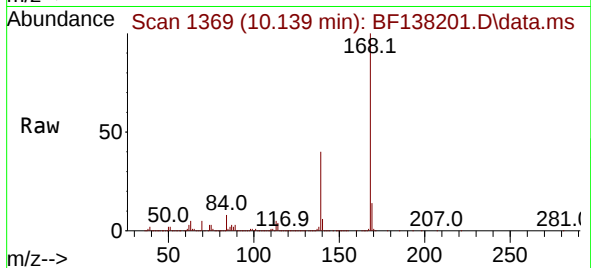




#55
Dibenzenofuran
Concen: 40.020 ng
RT: 10.139 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

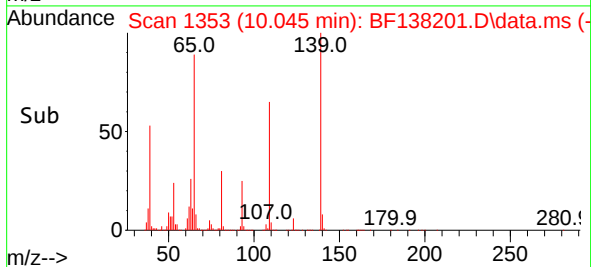
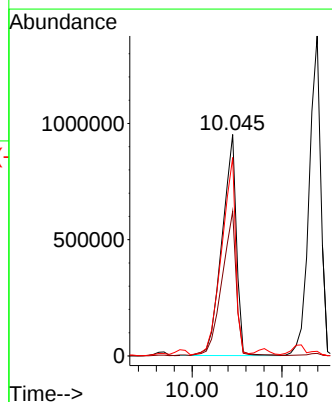
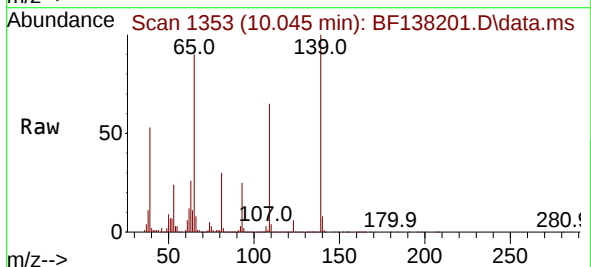
Instrument :
BNA_F
ClientSampleId :
PB161511BS

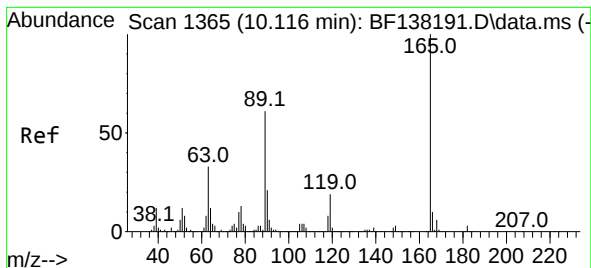
Tgt Ion:168 Resp: 3180337
Ion Ratio Lower Upper
168 100
139 40.3 31.0 46.4
169 14.2 11.4 17.0



#56
4-Nitrophenol
Concen: 92.267 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.017 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

Tgt Ion:139 Resp: 1061427
Ion Ratio Lower Upper
139 100
109 65.3 44.6 84.6
65 89.6 73.1 113.1

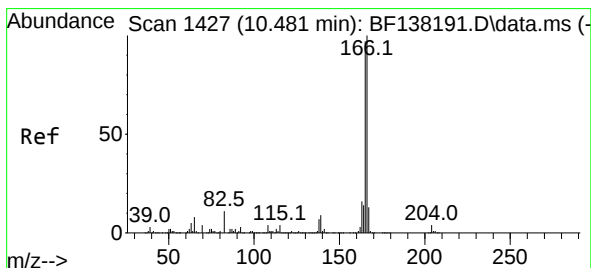
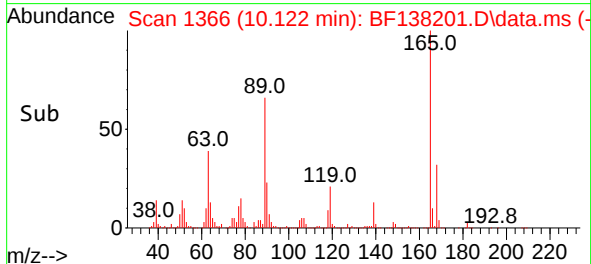
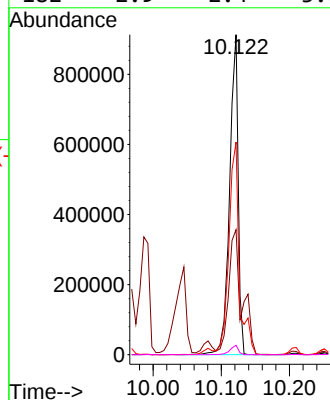
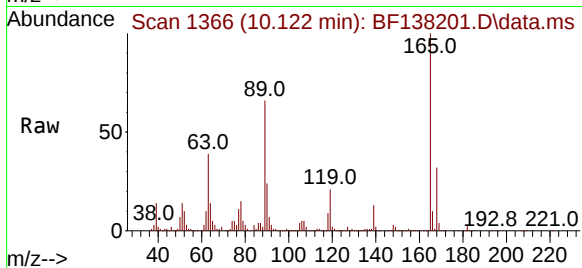




#57
2,4-Dinitrotoluene
Concen: 47.745 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

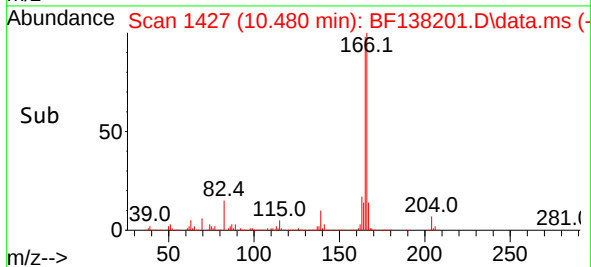
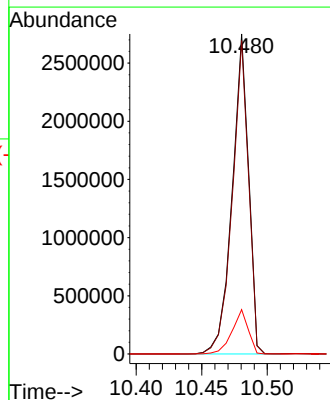
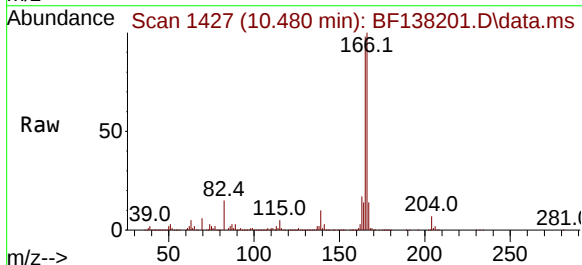
Instrument :
BNA_F
ClientSampleId :
PB161511BS

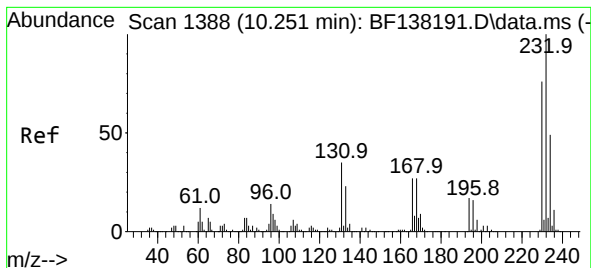
Tgt Ion:165 Resp: 802449
Ion Ratio Lower Upper
165 100
63 39.0 26.6 39.8
89 66.5 48.7 73.1
182 2.9 2.4 3.6



#58
Fluorene
Concen: 38.259 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

Tgt Ion:166 Resp: 2390496
Ion Ratio Lower Upper
166 100
165 97.9 77.9 116.9
167 13.9 10.7 16.1

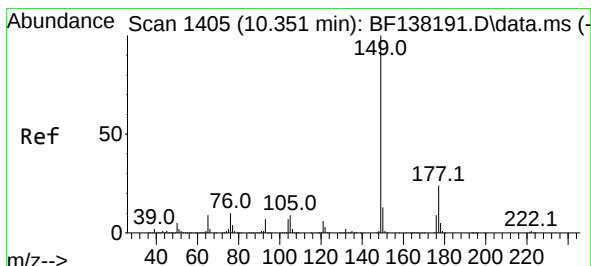
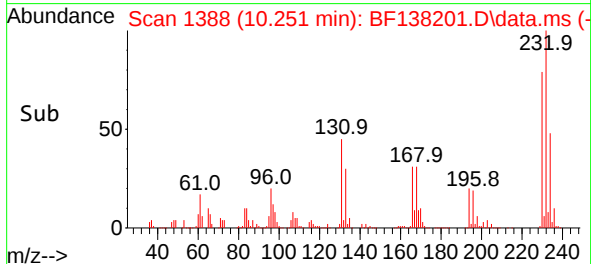
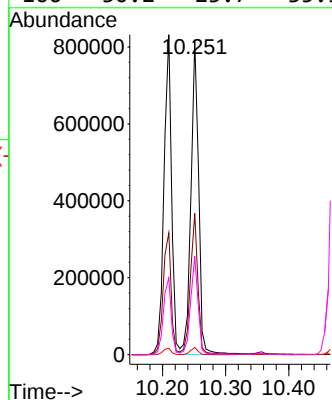
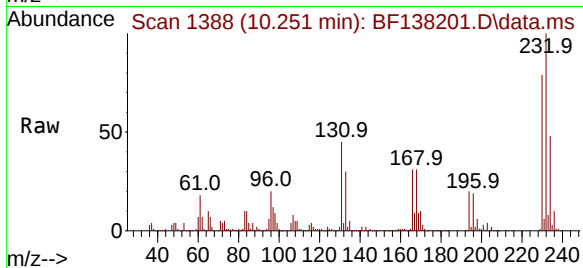




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.287 ng
RT: 10.251 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

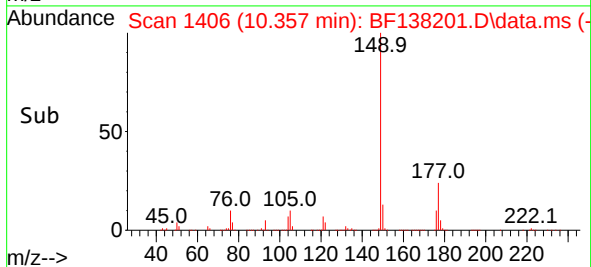
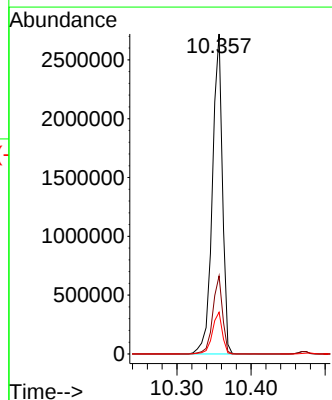
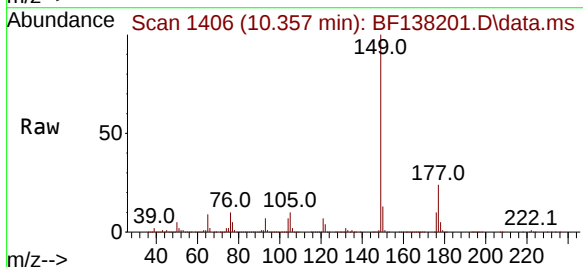
Instrument :
BNA_F
ClientSampleId :
PB161511BS

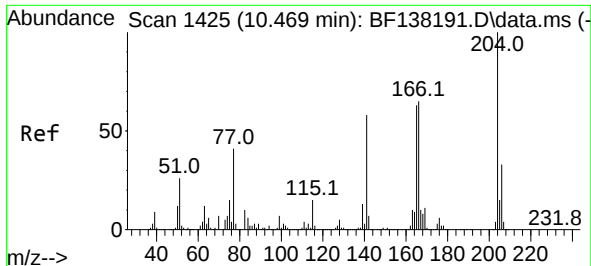
Tgt Ion:232 Resp: 696880
Ion Ratio Lower Upper
232 100
131 43.7 33.6 50.4
130 2.2 1.7 2.5
166 30.2 23.7 35.5



#60
Diethylphthalate
Concen: 42.843 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

Tgt Ion:149 Resp: 2554104
Ion Ratio Lower Upper
149 100
177 24.4 19.4 29.0
150 13.0 10.2 15.4

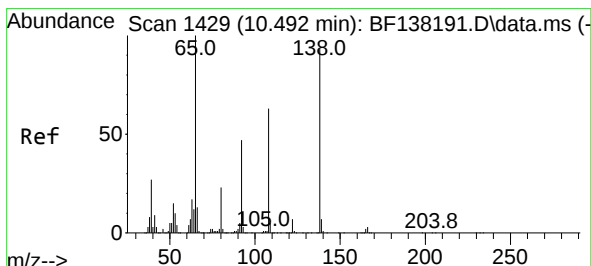
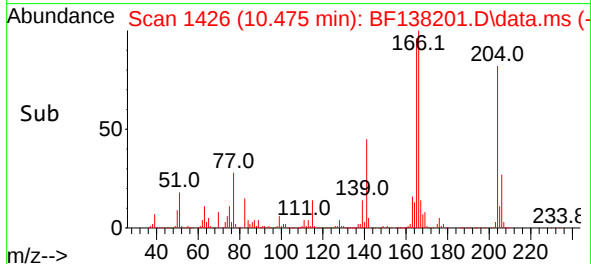
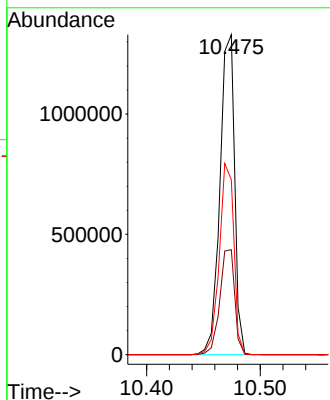
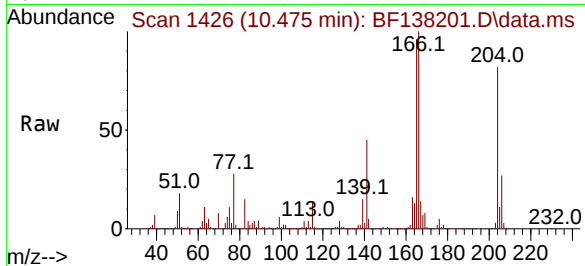




#61
4-Chlorophenyl-phenylether
Concen: 38.514 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

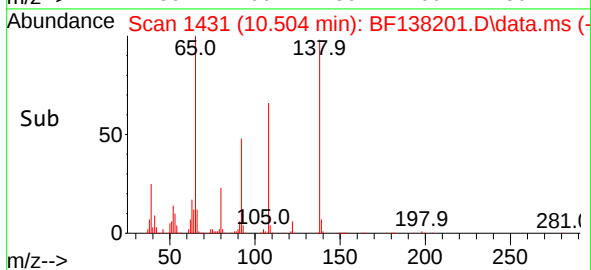
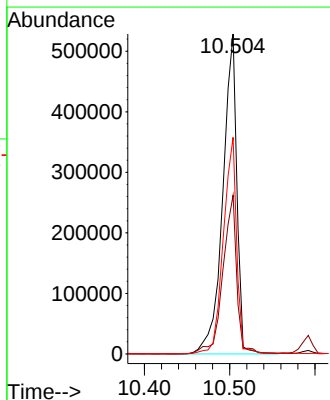
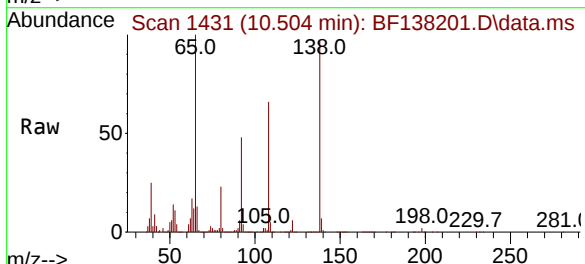
Instrument :
BNA_F
ClientSampleId :
PB161511BS

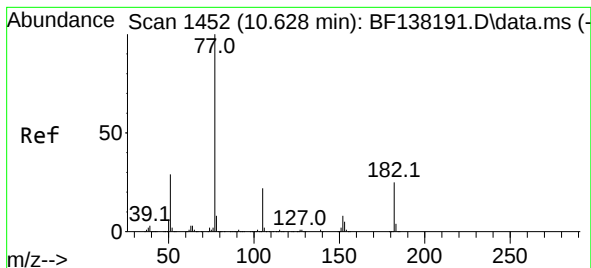
Tgt Ion:204 Resp: 1198480
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 54.6 46.3 69.5



#62
4-Nitroaniline
Concen: 41.753 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.012 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

Tgt Ion:138 Resp: 607282
Ion Ratio Lower Upper
138 100
92 49.6 30.9 70.9
108 67.7 47.8 87.8





#63

Azobenzene

Concen: 42.220 ng

RT: 10.633 min Scan# 1453

Delta R.T. 0.005 min

Lab File: BF138201.D

Acq: 17 Jun 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB161511BS

Tgt Ion: 77 Resp: 2521599

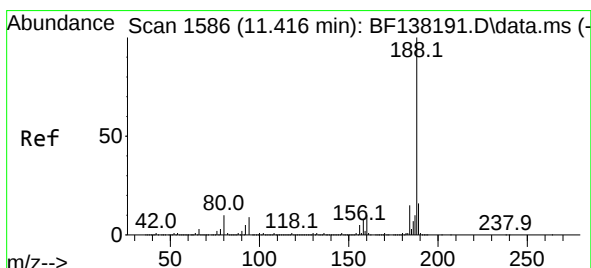
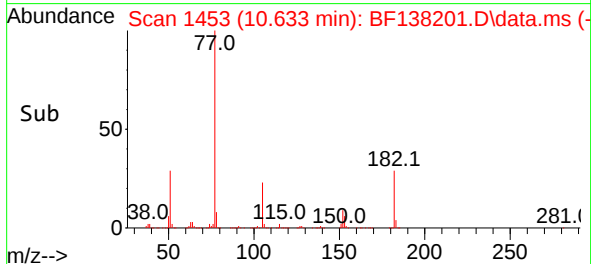
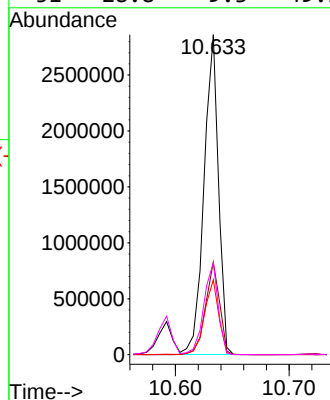
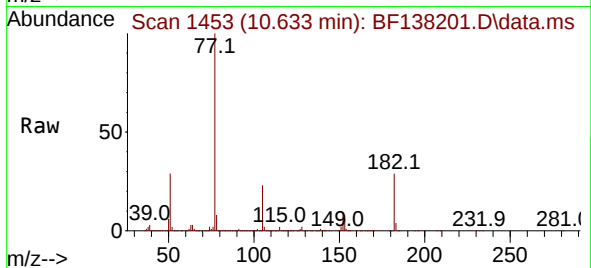
Ion Ratio Lower Upper

77 100

182 28.9 5.5 45.5

105 23.4 1.8 41.8

51 28.8 9.3 49.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF138201.D

Acq: 17 Jun 2024 13:33

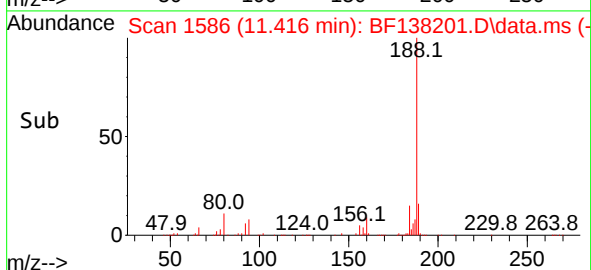
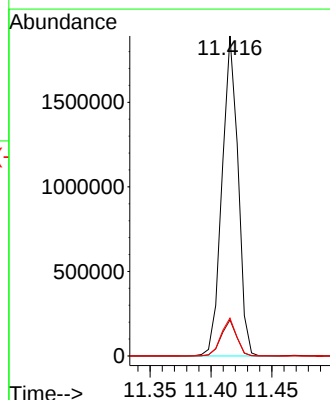
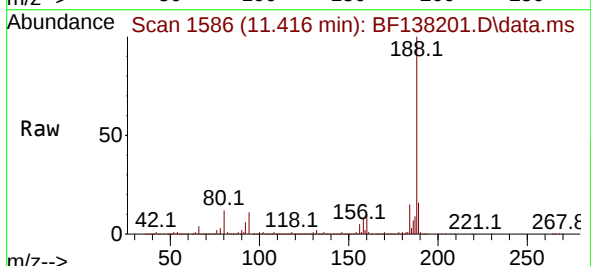
Tgt Ion: 188 Resp: 1735181

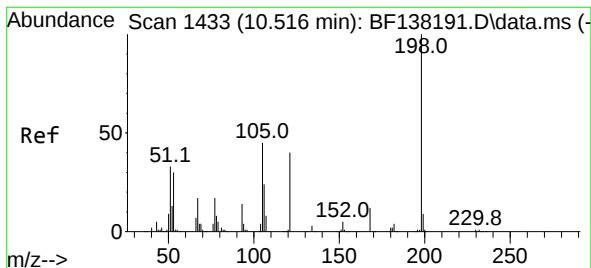
Ion Ratio Lower Upper

188 100

94 11.3 7.6 11.4

80 11.8 8.1 12.1

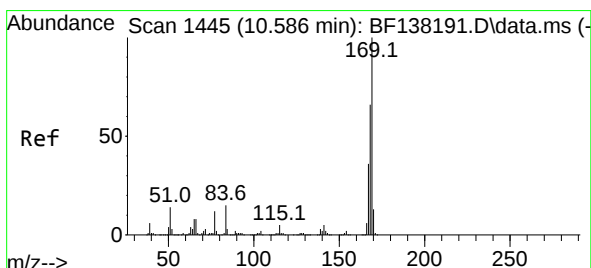
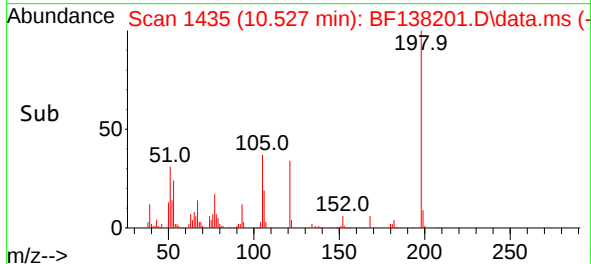
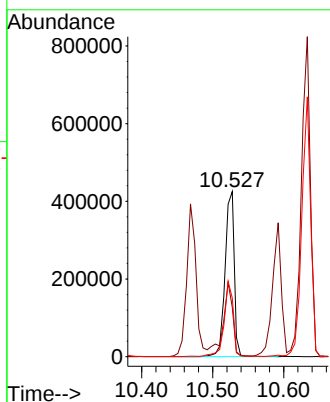
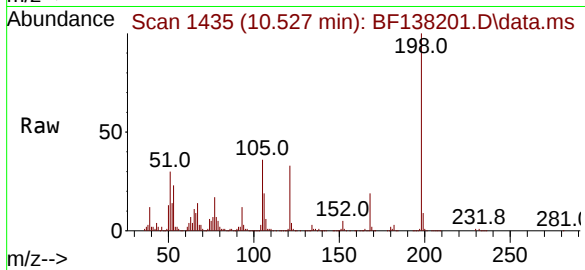




#65
4,6-Dinitro-2-methylphenol
Concen: 43.618 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.011 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

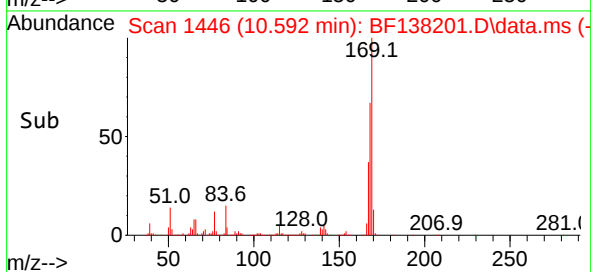
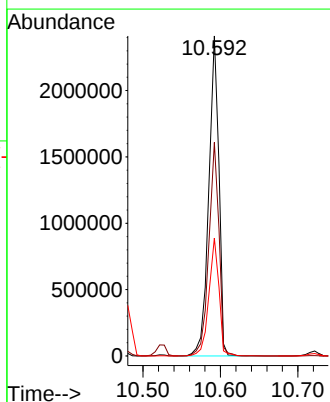
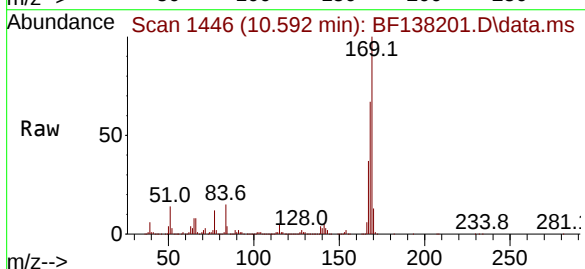
Instrument :
BNA_F
ClientSampleId :
PB161511BS

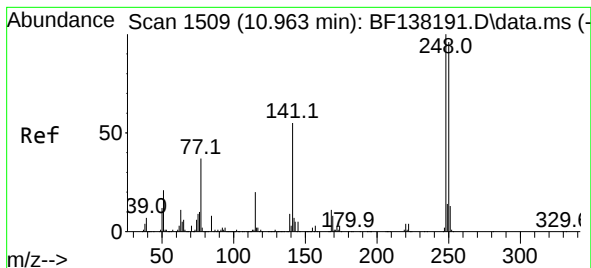
Tgt Ion:198 Resp: 379116
Ion Ratio Lower Upper
198 100
51 29.9 26.9 66.9
105 35.6 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 41.006 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

Tgt Ion:169 Resp: 2178375
Ion Ratio Lower Upper
169 100
168 66.8 52.9 79.3
167 36.8 29.0 43.6

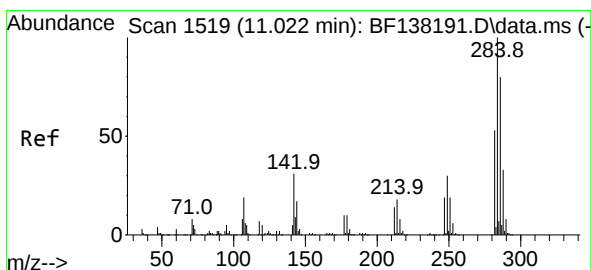
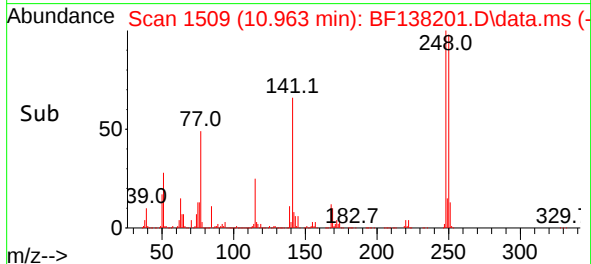
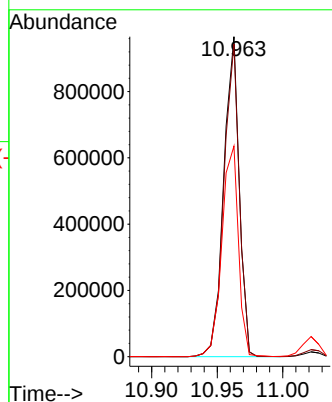
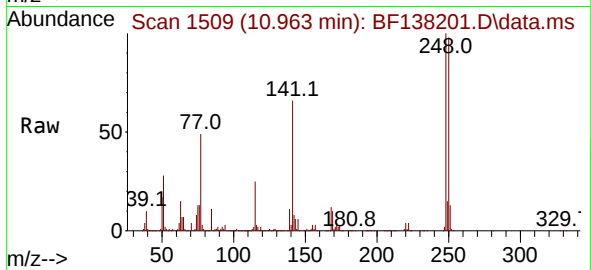




#67
4-Bromophenyl-phenylether
Concen: 40.575 ng
RT: 10.963 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

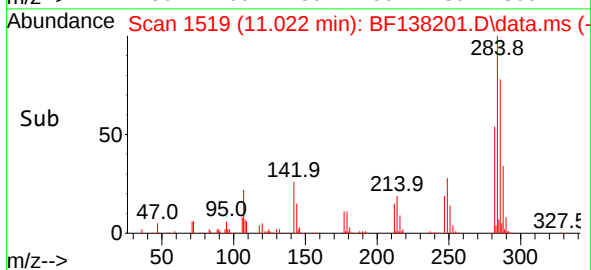
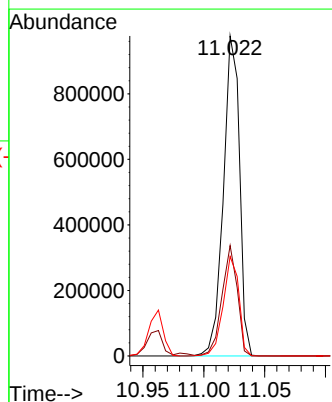
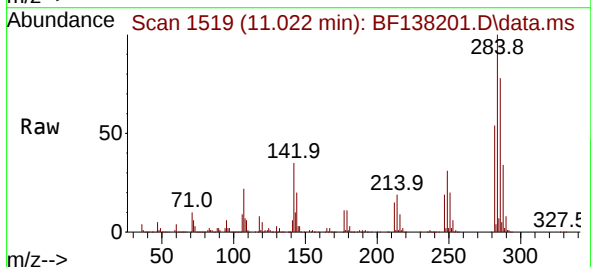
Instrument :
BNA_F
ClientSampleId :
PB161511BS

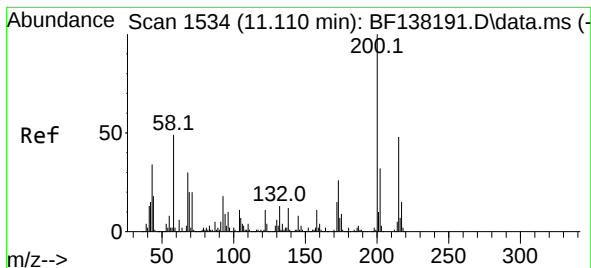
Tgt Ion:248 Resp: 793336
Ion Ratio Lower Upper
248 100
250 97.8 77.2 115.8
141 65.8 44.1 66.1



#68
Hexachlorobenzene
Concen: 39.526 ng
RT: 11.022 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

Tgt Ion:284 Resp: 901886
Ion Ratio Lower Upper
284 100
142 34.5 24.8 37.2
249 31.1 23.8 35.6





#69

Atrazine

Concen: 47.079 ng

RT: 11.116 min Scan# 1535

Delta R.T. 0.006 min

Lab File: BF138201.D

Acq: 17 Jun 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB161511BS

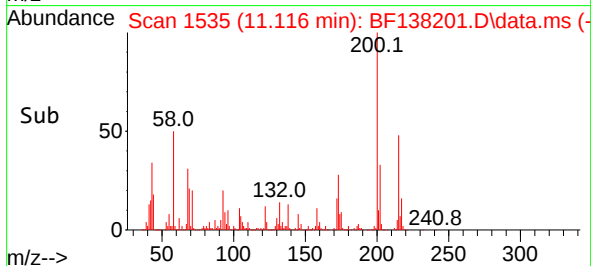
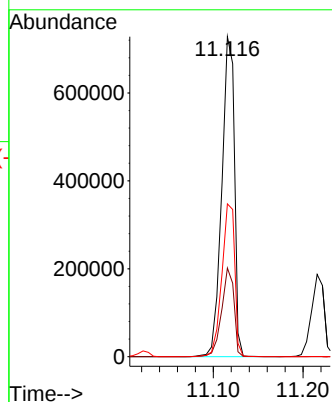
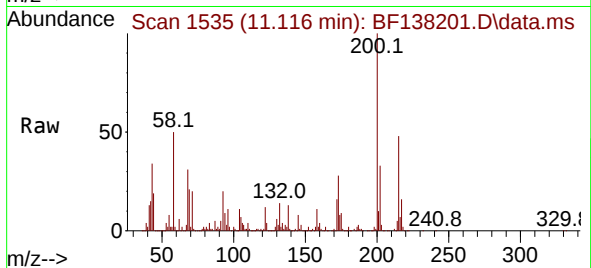
Tgt Ion:200 Resp: 712352

Ion Ratio Lower Upper

200 100

173 27.7 6.3 46.3

215 47.7 28.0 68.0



#70

Pentachlorophenol

Concen: 78.891 ng

RT: 11.216 min Scan# 1552

Delta R.T. -0.000 min

Lab File: BF138201.D

Acq: 17 Jun 2024 13:33

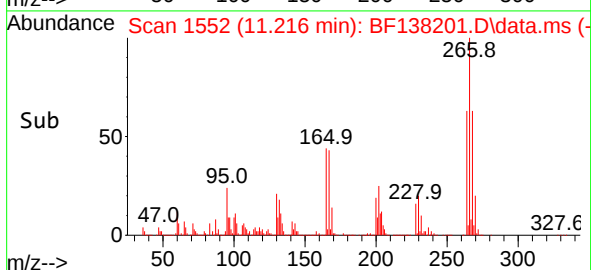
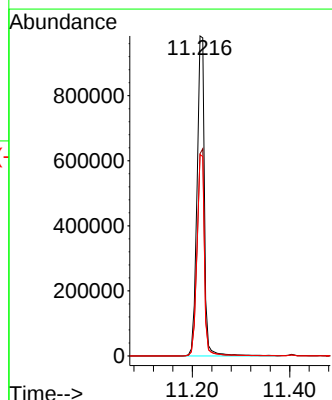
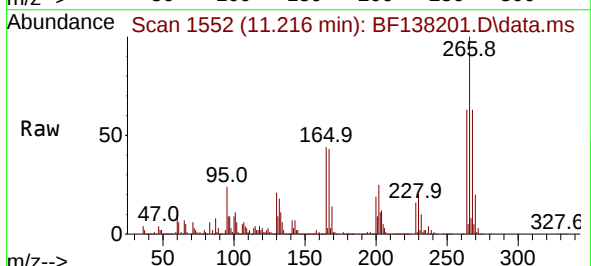
Tgt Ion:266 Resp: 1049842

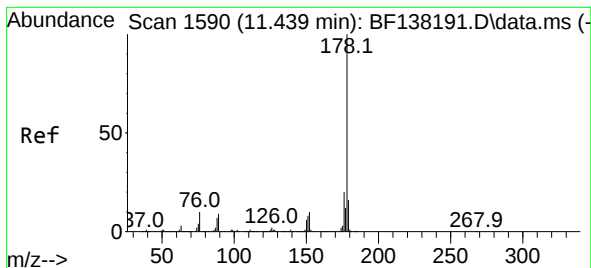
Ion Ratio Lower Upper

266 100

268 63.2 49.5 74.3

264 63.0 49.2 73.8





#71

Phenanthrene

Concen: 39.952 ng

RT: 11.445 min Scan# 1591

Delta R.T. 0.006 min

Lab File: BF138201.D

Acq: 17 Jun 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB161511BS

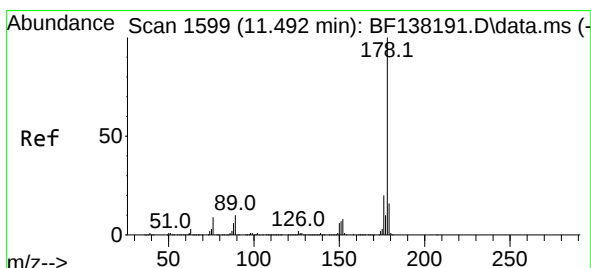
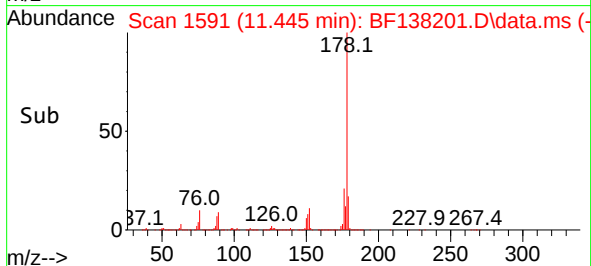
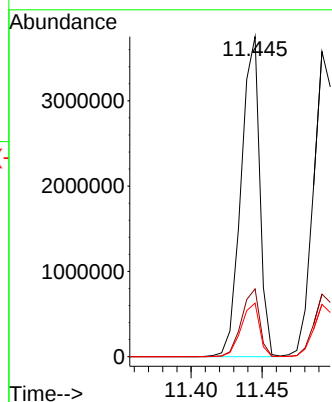
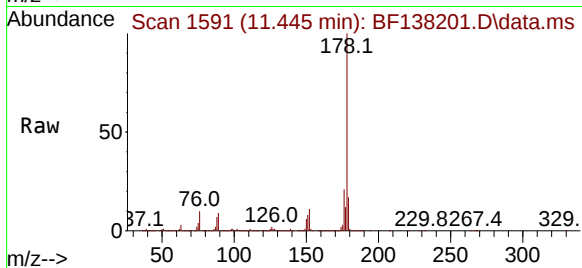
Tgt Ion:178 Resp: 3428319

Ion Ratio Lower Upper

178 100

176 21.2 16.4 24.6

179 16.8 13.1 19.7



#72

Anthracene

Concen: 40.656 ng

RT: 11.492 min Scan# 1599

Delta R.T. -0.000 min

Lab File: BF138201.D

Acq: 17 Jun 2024 13:33

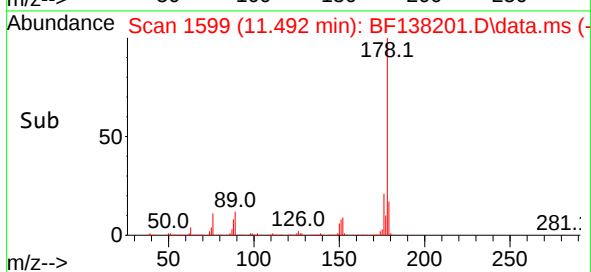
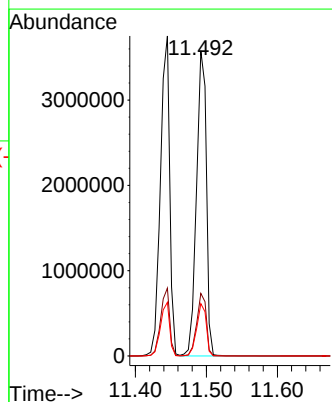
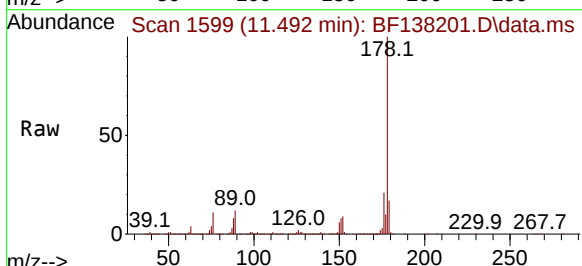
Tgt Ion:178 Resp: 3463814

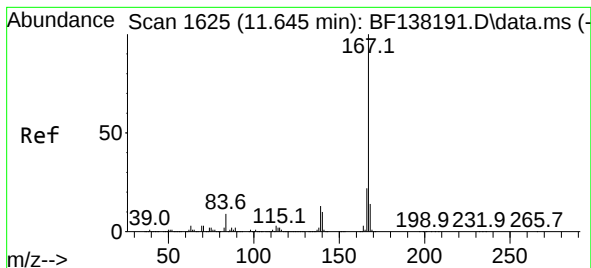
Ion Ratio Lower Upper

178 100

176 20.5 15.7 23.5

179 17.1 13.0 19.6





#73

Carbazole

Concen: 40.801 ng

RT: 11.645 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138201.D

Acq: 17 Jun 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB161511BS

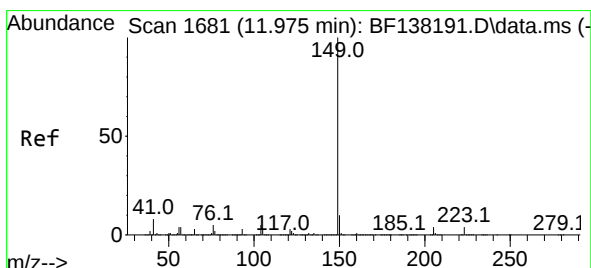
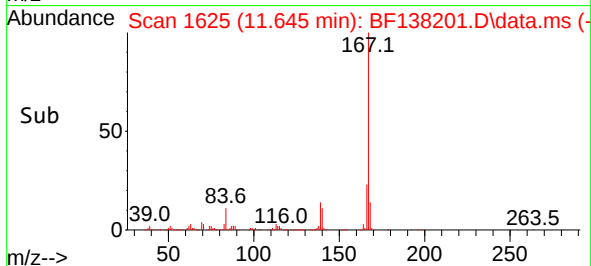
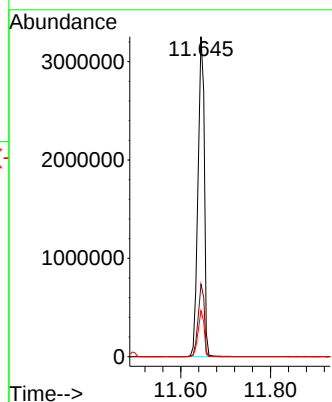
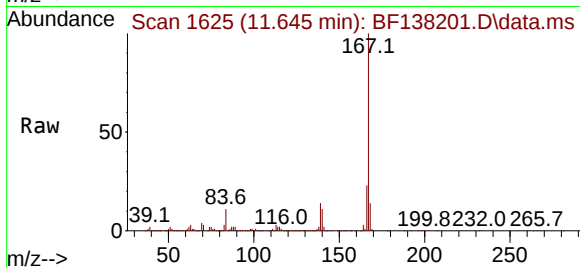
Tgt Ion:167 Resp: 3188290

Ion Ratio Lower Upper

167 100

166 22.7 18.0 27.0

139 14.4 10.6 16.0



#74

Di-n-butylphthalate

Concen: 43.510 ng

RT: 11.974 min Scan# 1681

Delta R.T. -0.000 min

Lab File: BF138201.D

Acq: 17 Jun 2024 13:33

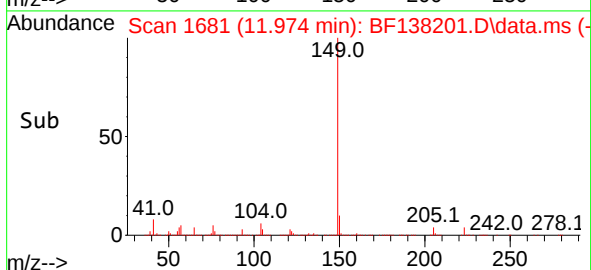
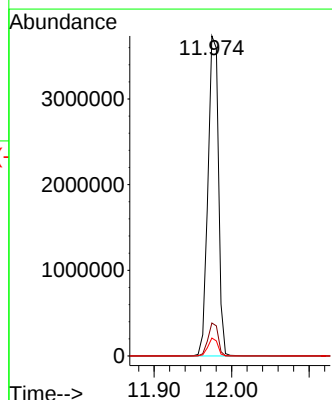
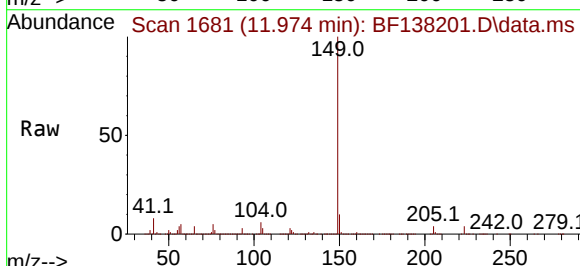
Tgt Ion:149 Resp: 3519802

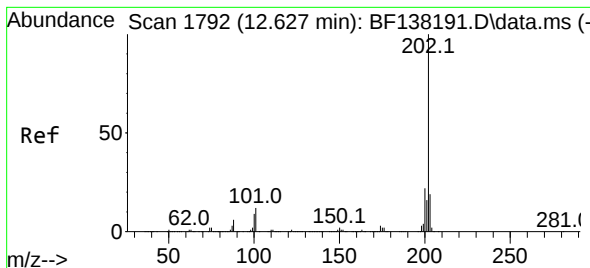
Ion Ratio Lower Upper

149 100

150 10.3 8.2 12.2

104 5.6 4.1 6.1





#75

Fluoranthene

Concen: 39.759 ng

RT: 12.627 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138201.D

Acq: 17 Jun 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB161511BS

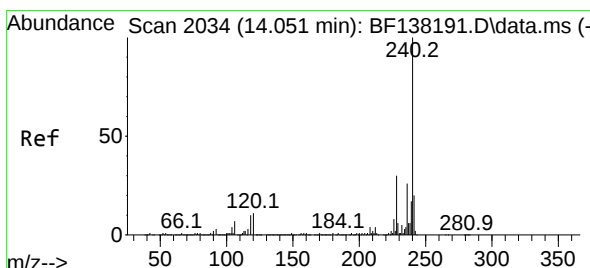
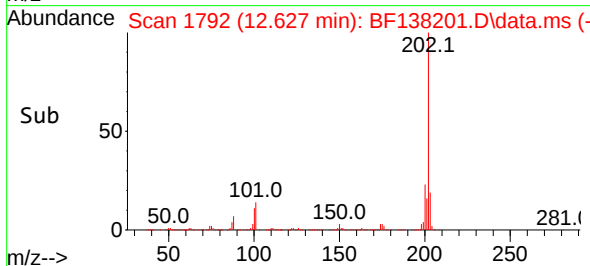
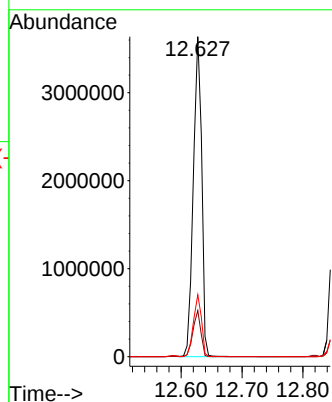
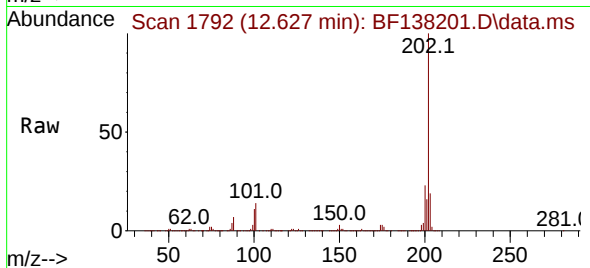
Tgt Ion:202 Resp: 3479029

Ion Ratio Lower Upper

202 100

101 14.4 0.0 31.8

203 19.4 0.0 38.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2034

Delta R.T. -0.000 min

Lab File: BF138201.D

Acq: 17 Jun 2024 13:33

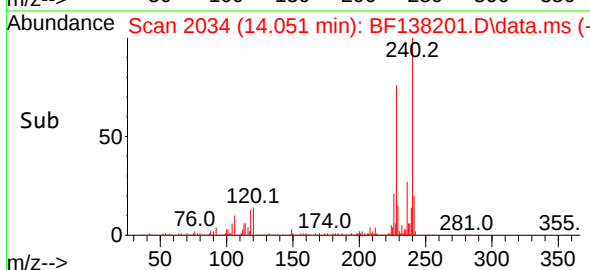
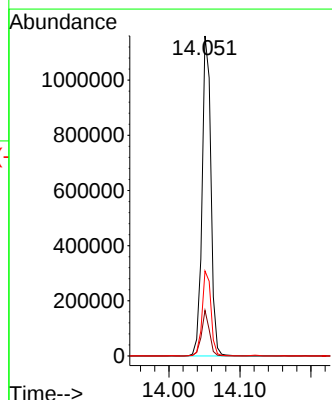
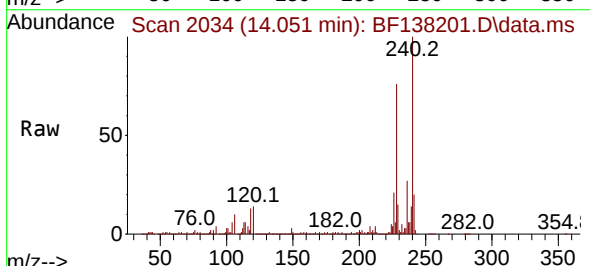
Tgt Ion:240 Resp: 1006668

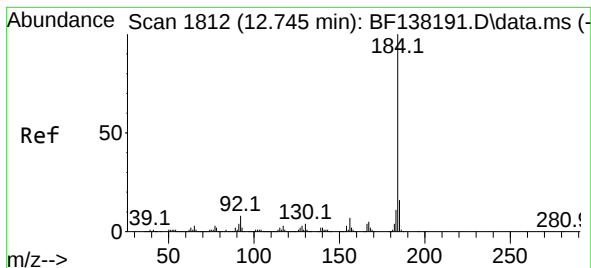
Ion Ratio Lower Upper

240 100

120 14.3 9.2 13.8#

236 26.5 21.0 31.6





#77

Benzidine

Concen: 7.228 ng

RT: 12.745 min Scan# 1812

Delta R.T. -0.000 min

Lab File: BF138201.D

Acq: 17 Jun 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB161511BS

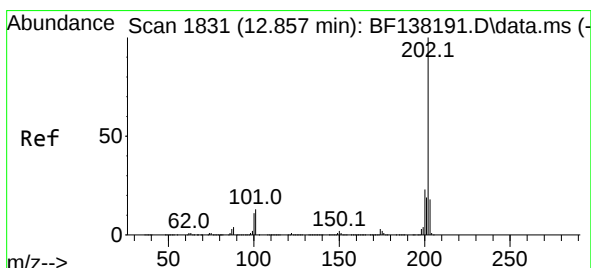
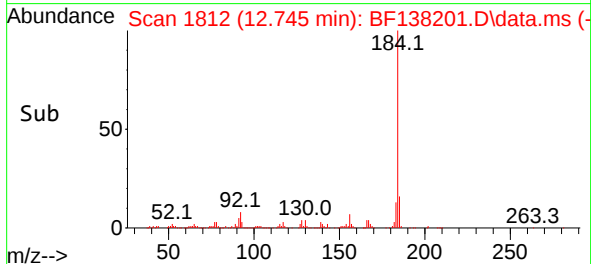
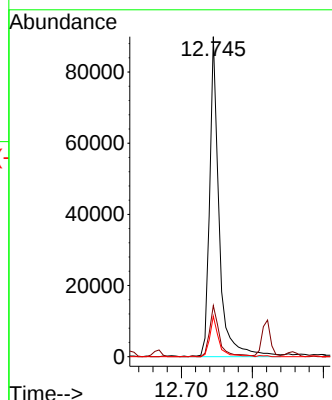
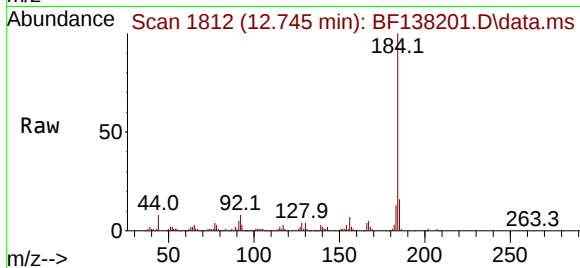
Tgt Ion:184 Resp: 84164

Ion Ratio Lower Upper

184 100

185 15.9 12.6 19.0

183 12.6 9.0 13.6



#78

Pyrene

Concen: 40.636 ng

RT: 12.857 min Scan# 1831

Delta R.T. -0.000 min

Lab File: BF138201.D

Acq: 17 Jun 2024 13:33

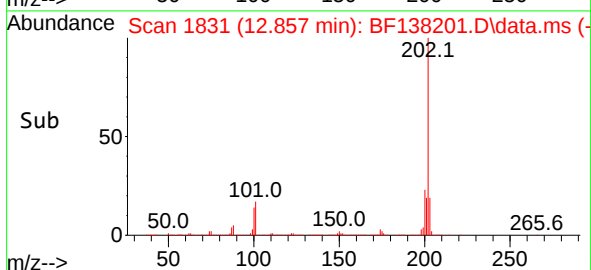
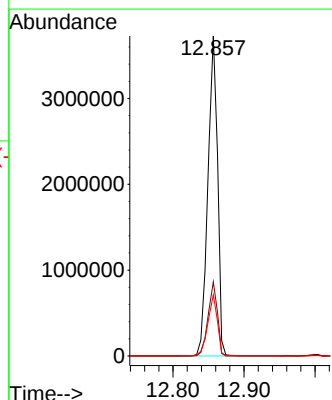
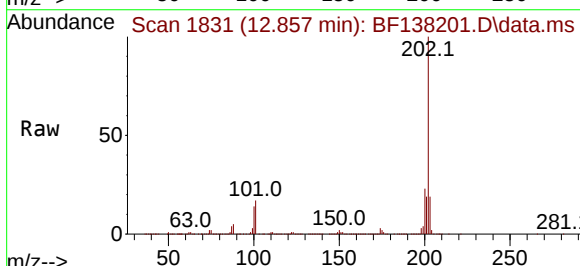
Tgt Ion:202 Resp: 3528458

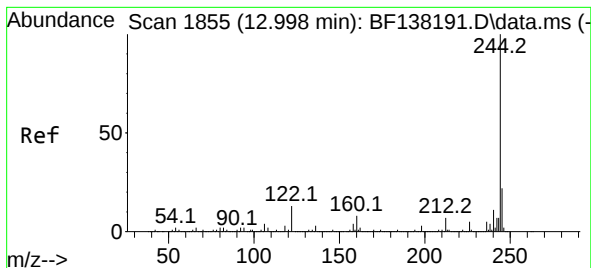
Ion Ratio Lower Upper

202 100

200 23.2 18.0 27.0

203 19.1 14.7 22.1





#79

Terphenyl-d14

Concen: 74.180 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.006 min

Lab File: BF138201.D

Acq: 17 Jun 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB161511BS

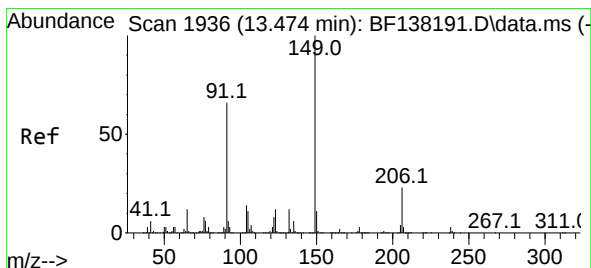
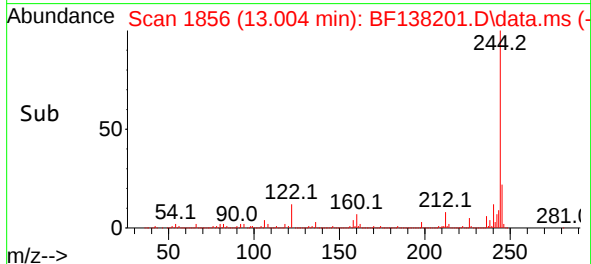
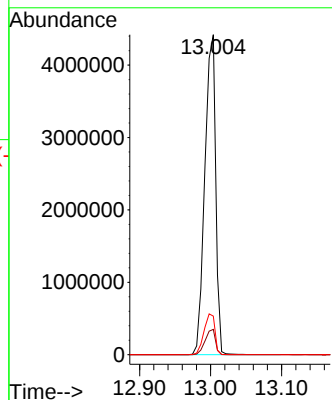
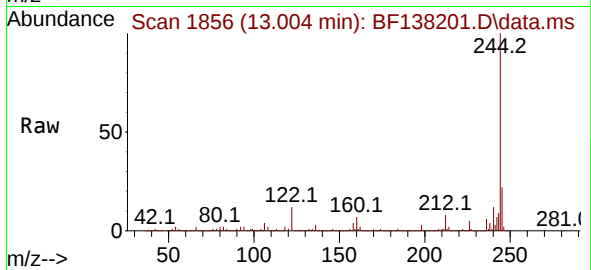
Tgt Ion:244 Resp: 4714816

Ion Ratio Lower Upper

244 100

212 7.9 5.9 8.9

122 12.0 10.6 15.8



#80

Butylbenzylphthalate

Concen: 53.487 ng

RT: 13.474 min Scan# 1936

Delta R.T. -0.000 min

Lab File: BF138201.D

Acq: 17 Jun 2024 13:33

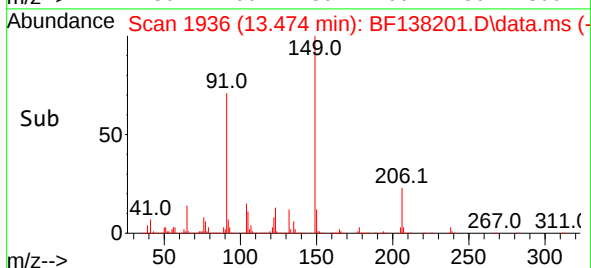
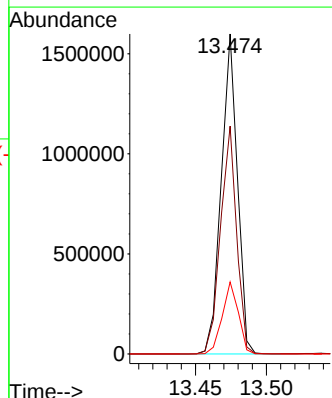
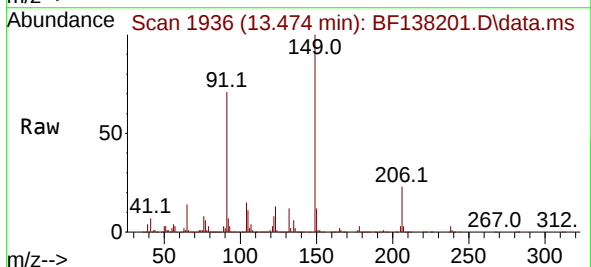
Tgt Ion:149 Resp: 1263292

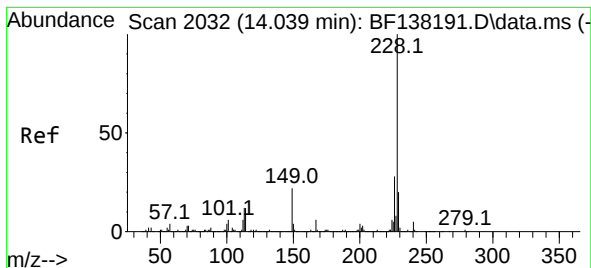
Ion Ratio Lower Upper

149 100

91 71.2 53.2 79.8

206 22.5 18.6 27.8





#81

Benzo(a)anthracene

Concen: 42.487 ng

RT: 14.045 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF138201.D

Acq: 17 Jun 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB161511BS

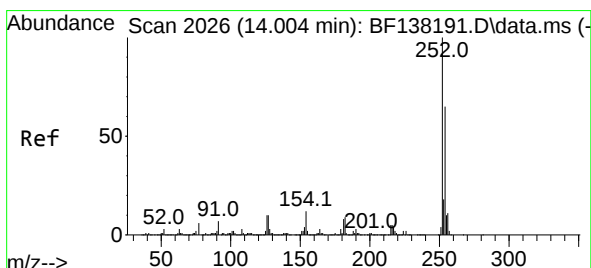
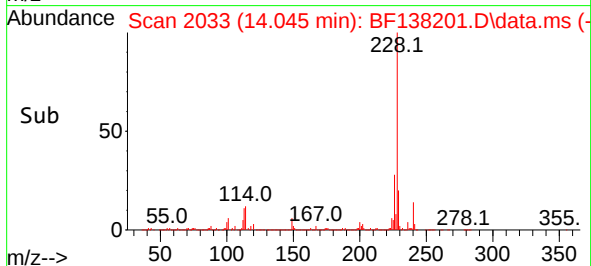
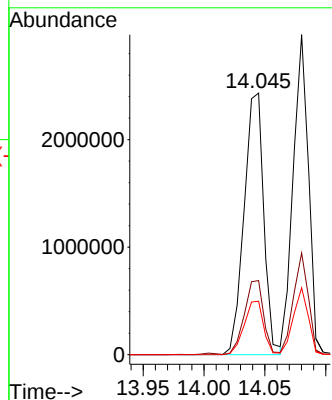
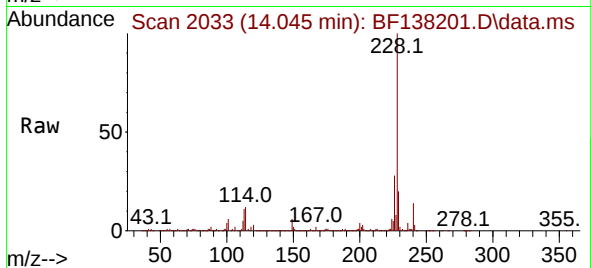
Tgt Ion:228 Resp: 2743920

Ion Ratio Lower Upper

228 100

226 28.3 22.5 33.7

229 20.4 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 40.023 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF138201.D

Acq: 17 Jun 2024 13:33

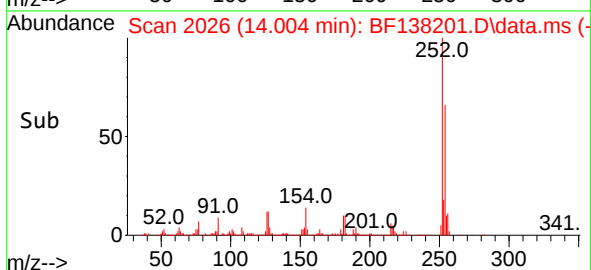
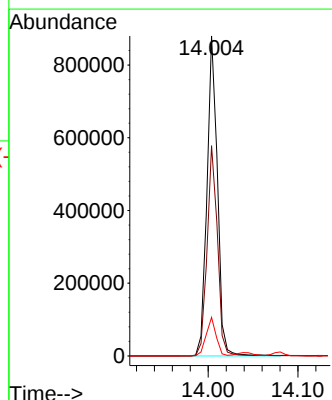
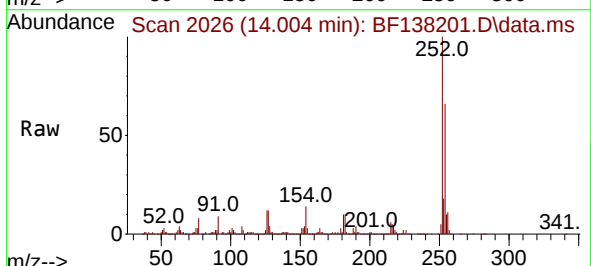
Tgt Ion:252 Resp: 711808

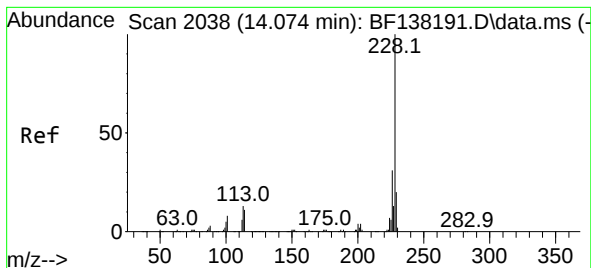
Ion Ratio Lower Upper

252 100

254 65.7 51.8 77.6

126 12.1 8.3 12.5





#83

Chrysene

Concen: 42.457 ng

RT: 14.080 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF138201.D

Acq: 17 Jun 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB161511BS

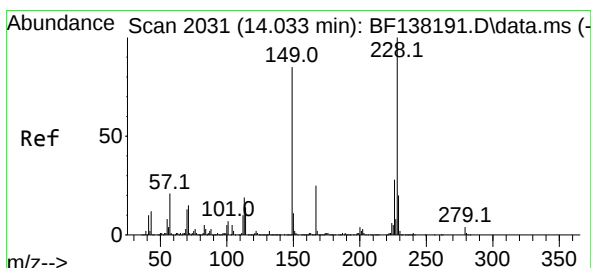
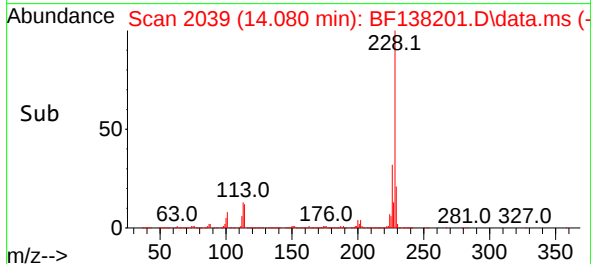
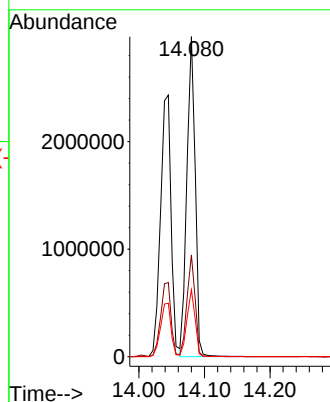
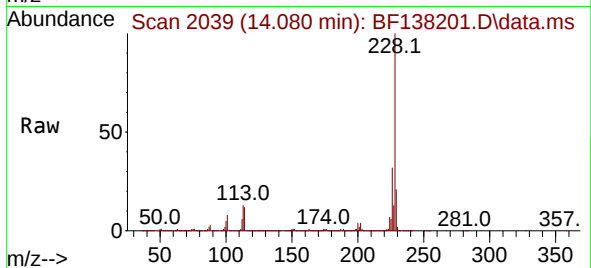
Tgt Ion:228 Resp: 2613577

Ion Ratio Lower Upper

228 100

226 31.8 24.5 36.7

229 20.9 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.607 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF138201.D

Acq: 17 Jun 2024 13:33

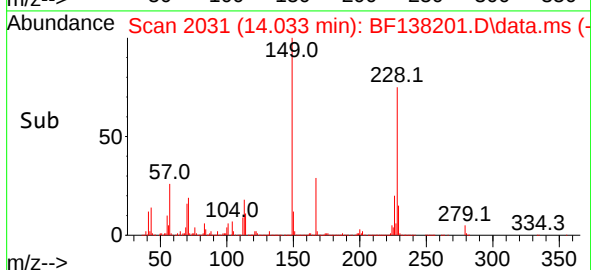
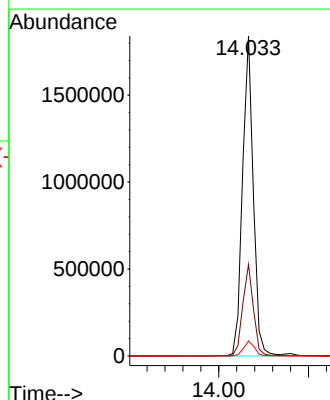
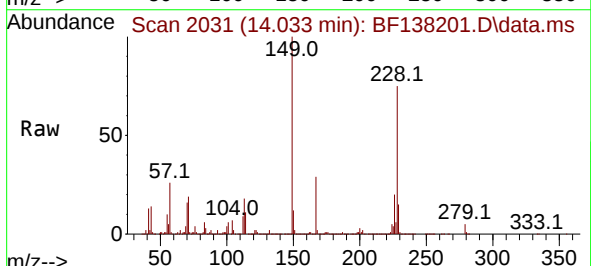
Tgt Ion:149 Resp: 1527538

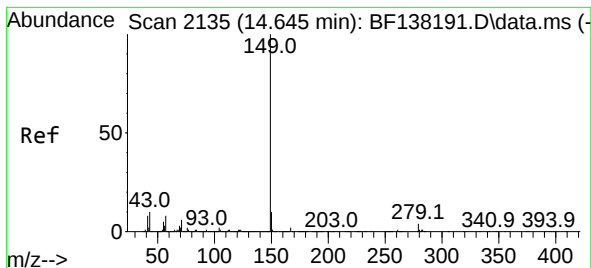
Ion Ratio Lower Upper

149 100

167 28.6 23.5 35.3

279 4.7 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 54.419 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BF138201.D

Acq: 17 Jun 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB161511BS

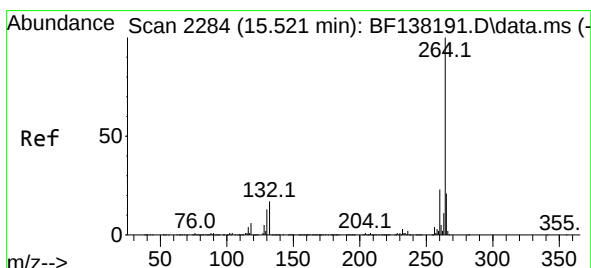
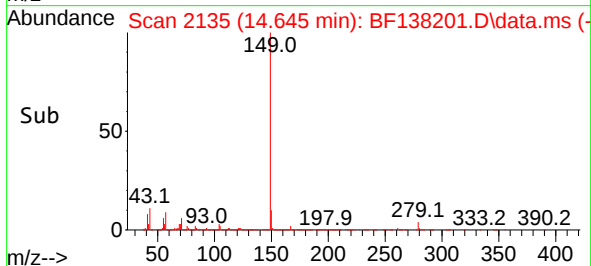
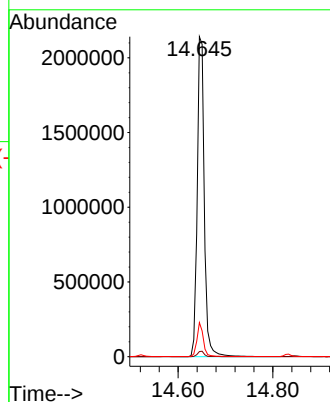
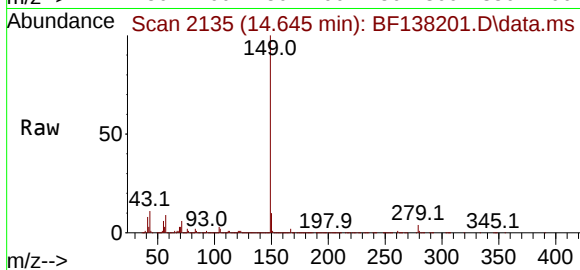
Tgt Ion:149 Resp: 2220805

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 9.7 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2284

Delta R.T. -0.000 min

Lab File: BF138201.D

Acq: 17 Jun 2024 13:33

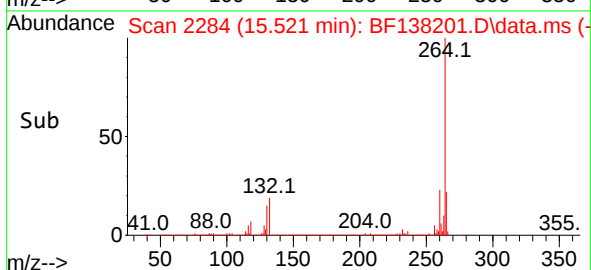
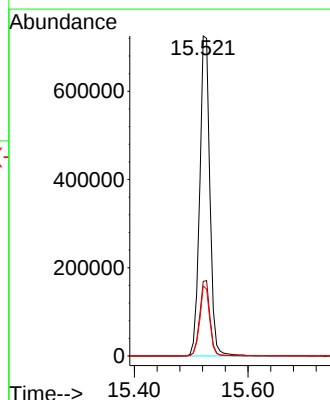
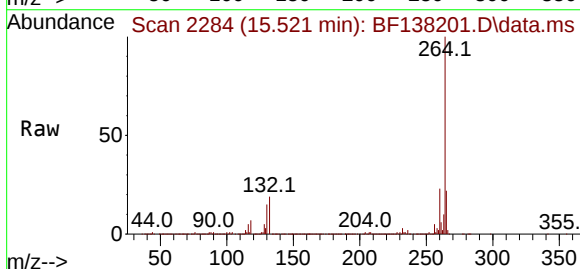
Tgt Ion:264 Resp: 904722

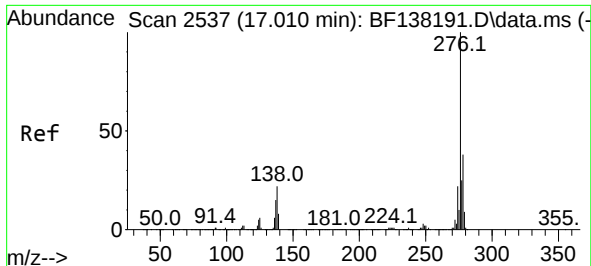
Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 21.8 17.0 25.6

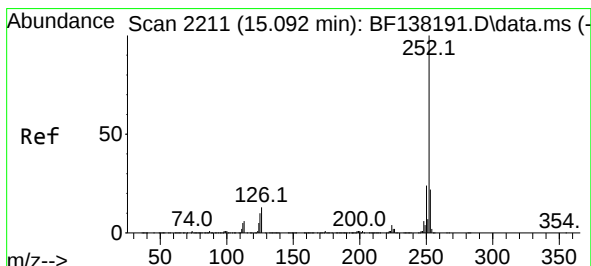
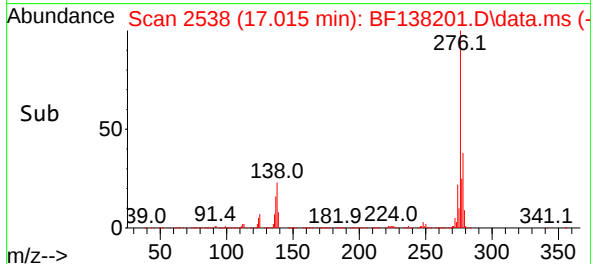
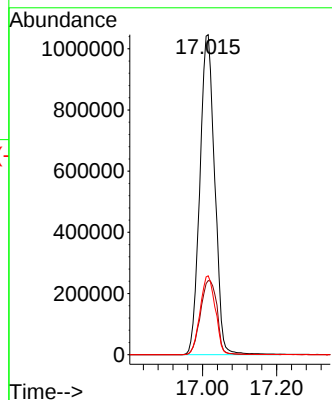
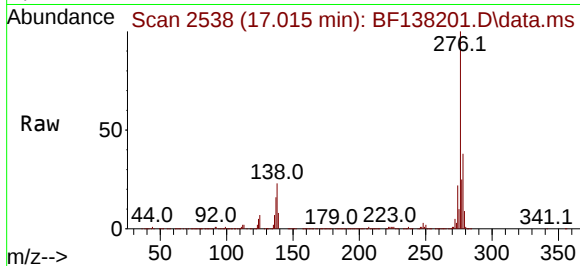




#87
Indeno(1,2,3-cd)pyrene
Concen: 49.354 ng
RT: 17.015 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

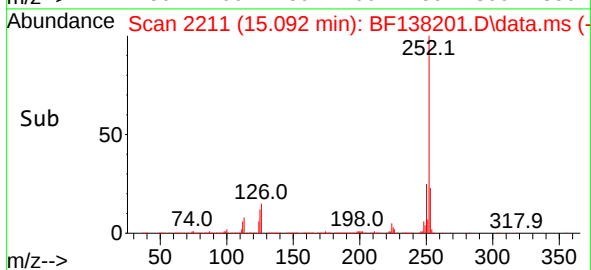
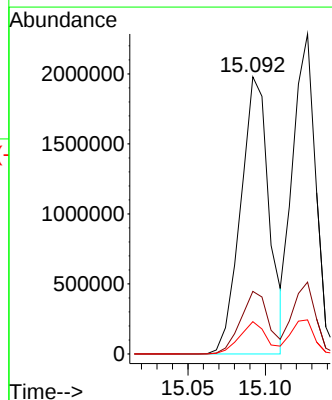
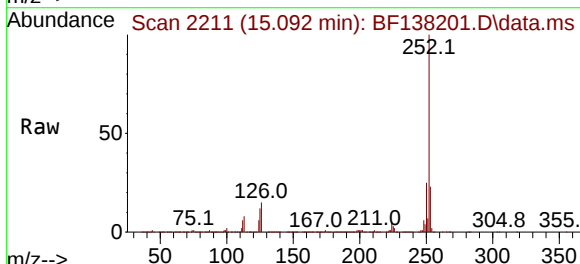
Instrument :
BNA_F
ClientSampleId :
PB161511BS

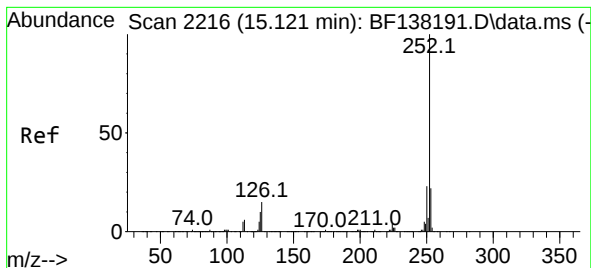
Tgt Ion:276 Resp: 2910880
Ion Ratio Lower Upper
276 100
138 25.7 19.3 28.9
277 25.5 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 47.620 ng
RT: 15.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

Tgt Ion:252 Resp: 2540663
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 11.7 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 45.629 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.006 min

Lab File: BF138201.D

Acq: 17 Jun 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB161511BS

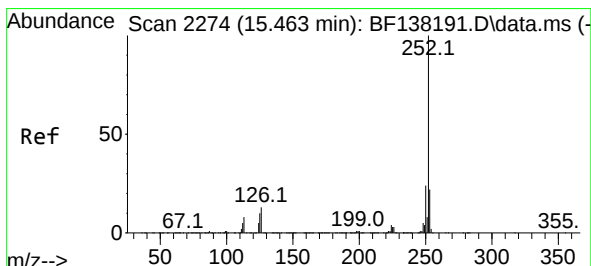
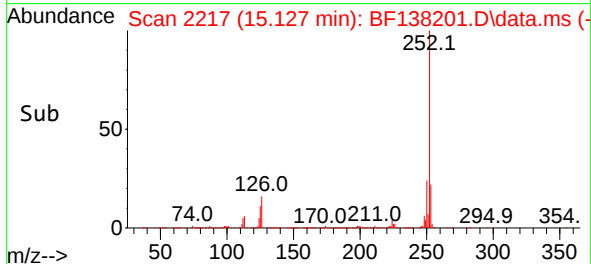
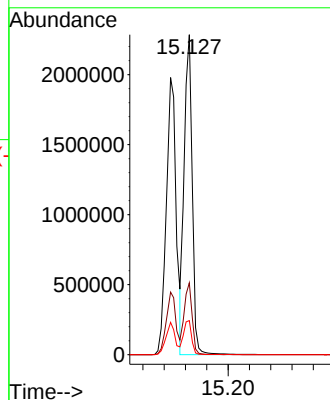
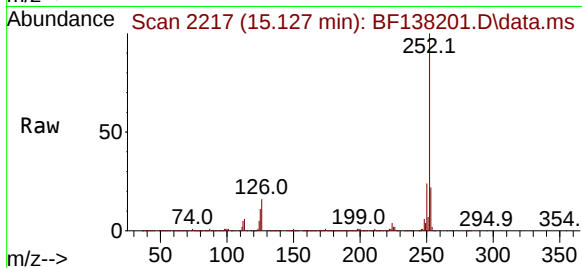
Tgt Ion:252 Resp: 2385788

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 10.7 8.0 12.0



#90

Benzo(a)pyrene

Concen: 48.837 ng

RT: 15.462 min Scan# 2274

Delta R.T. -0.000 min

Lab File: BF138201.D

Acq: 17 Jun 2024 13:33

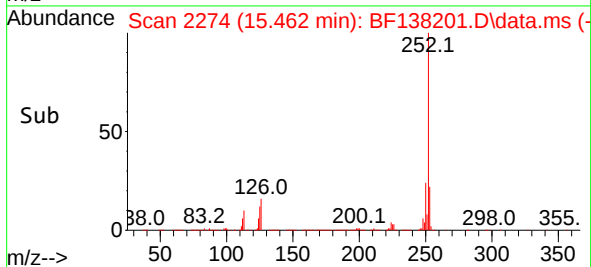
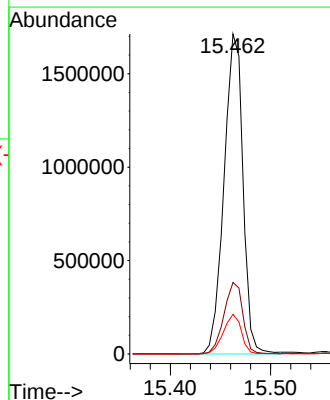
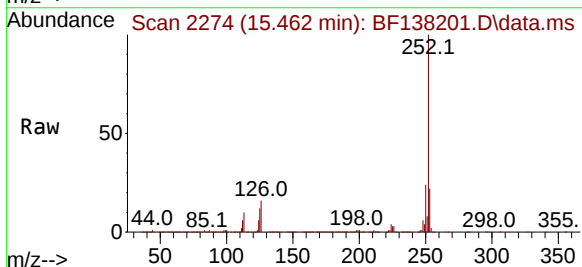
Tgt Ion:252 Resp: 2238438

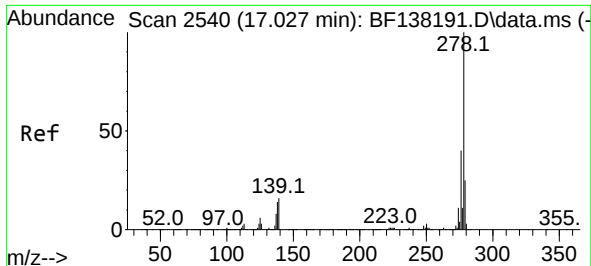
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 12.4 8.2 12.2#



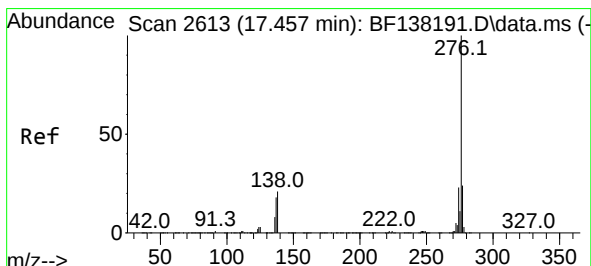
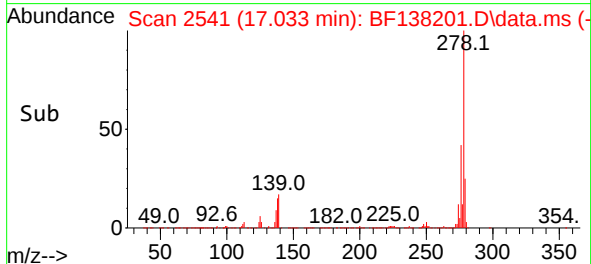
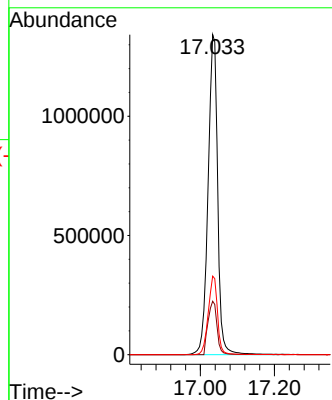
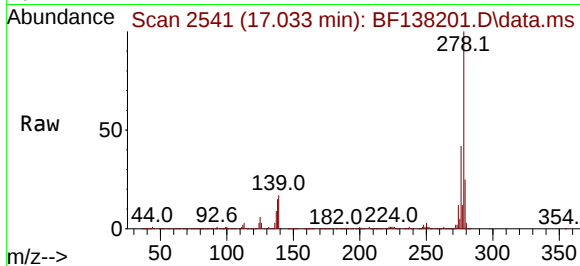


#91
Dibenzo(a,h)anthracene
Concen: 49.869 ng
RT: 17.033 min Scan# 2541
Delta R.T. 0.006 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

Instrument :
BNA_F
ClientSampleId :
PB161511BS

Tgt Ion:278 Resp: 2414185

Ion	Ratio	Lower	Upper
278	100		
139	16.7	12.9	19.3
279	24.6	19.9	29.9



#92
Benzo(g,h,i)perylene
Concen: 46.754 ng
RT: 17.468 min Scan# 2615
Delta R.T. 0.012 min
Lab File: BF138201.D
Acq: 17 Jun 2024 13:33

Tgt Ion:276 Resp: 2341482

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.5	29.3
138	21.8	16.6	24.8

